Program Overview

Completed by vangalis@amazon.com on 1/13/2022 12:18 PM

Case Id: 31105
Name: Amazon.com Services, LLC - 2021
Address: PO BOX 80416

Program Overview

Please review the below information.

2022 APPLICATION FOR
URBAN REVITALIZATION
INCENTIVES

APPLICATION DEADLINE

This application, along with all required attachments, must be submitted to the City of Council Bluffs-Community Development Department by **February 1, 2022**.

Applications received after this date may not be processed and/or approved.

Urban Revitalization – Project Approval Process

Owners of property who have made improvements within a designation urban revitalization area must apply to receive tax exemption benefits. If an improvement project extends over several years, an application is required for each calendar year that improvements were completed. The following provides a general outline of the City's application and review procedures

1. Application

Applications for tax abatement must be made to the City by February 1st following completion of the improvements. Failure to submit by the February 1st deadline may result in an automatic denial of benefits. Upon approval, the City is required to submit this approval to the County Assessor by March 1st. *In addition, applications must be submitted in each calendar year that improvements are made.* All applications shall be made on forms prepared by the Community Development Department.

2. Fees

A processing fee shall be submitted with each annual project review application. The fee shall be equal to a base fee of $500.00 plus $15.00 per $100,000 in added valuation. However, the processing fee shall not exceed $1,500.00.

This fee must be submitted by check to Community Development by February 1st. Checks should be made out to Council Bluffs City Clerk.

3.Review Procedure

The following procedure will be utilized in reviewing applications:

- The applicant requests a preliminary conference with the Community Development Department to review and explain the application process. Applications along with all required data are due by February 1st to the Community Development Department.
- Complete the application fully; if any questions are left unanswered or required attachments are not submitted, an explanation must be included.
- Additionally, inaccurate information of a significant nature may disqualify the application from consideration.
- As part of the Community Development Department acceptance procedure additional information or data may be required.

4. The Community Development Department shall review the forms and data for completeness. If there is a deficiency, the Department will notify the applicant within seven (7) days. The application will not be processed until completed.

5. The Department shall review the application according to the following criteria: 1) conformance with the Urban Revitalization Plan; 2) a finding that the site is within a designated area; 3) a finding that the work has been completed within the time required to qualify for abatement in the assessment year; 4) a finding that the application is consistent with Chapter 404 of the Iowa Code; and 5) a finding that the application is consistent with all applicable city codes and ordinances.

6. Upon review of the application, the Community Development Department will prepare a recommendation and schedule the application for City Council consideration.

7. The City Council will by resolution accept or reject the application and improvements as conforming to all City codes and State law.

8. The City Council will then direct the Community Development Department to transmit a copy of the case file to the Pottawattamie County Assessor's Office by March 1st as required by Chapter 404 of the Iowa Code.

A. Applicant Information

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Case Id: 31105
Name: Amazon.com Services, LLC - 2021
Address: PO BOX 80416

A. Applicant Information

Please provide the following information.

APPLICANT INFORMATION

A.1. Name of Business
Amazon.com Services, LLC

A.2. Mailing Address of Business
PO BOX 80416 Seattle , WA 98108-0416

A.3. Phone Number
(608) 620-1957

A.4. Status
A. (Owner's Authorized Agent)

CONTACT INFORMATION

A.5. First Name
Jason

A.6. Last Name
Vangalis

A.7. Title and Company name of Contact Person
Economic Development Manager

A.8. Phone Number
(608) 620-1957

A.9. Email Address
vangalis@amazon.com

PROPERTY INFORMATION

A.10. Name of company who will be occupying the building
Amazon

A.11. Address/Location of property
3860 S. 24th St Council Bluffs, IA 51501

A.12. Legal description
SOUTH 24TH & HIGHWAY 275 INDUSTRIAL LT 1

A.13. Parcel Number (can be found at PottCo.org)
7444 10 400 006

A.14. Present zoning district (call 712-890-5350 if unsure)
I-1

B. Project Information

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Case Id: 31105
Name: Amazon.com Services, LLC - 2021
Address: PO BOX 80416

B. Project Information

Please provide the following information.

B.1. Present assessed valuation of property: (can be found at PottCo.org)

Total
$4,545,400.00

Land
$4,545,400.00

Dwelling
$0.00

Other Building
$0.00

B.2. Project narrative
The project contemplates the completion of a 270,000 sf facility on ~50 acres of land for the primary use of middle mile distribution and logistics for Amazon. The facility anticipates the creation of 700 new positions with a mix of full and part time opportunities.

B.3. Total project investment (cumulative)
75000000

B.4. Total project investment (previous calendar year only)
30000000

B.5. Construction start date
06/01/2021

B.6. Construction completion date
04/05/2022

B.7. Exemption schedule
Partial exemption for ten years

B.8. Will any persons, including families, business concerns or others be displaced as a result of the improvements made for this project?
No

C. Cost Report

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Case Id: 31105
Name: Amazon.com Services, LLC - 2021
Address: PO BOX 80416

C. Cost Report

Please provide the following information.

C.1. Type of building or improvement and use
Middle mile distribution and logistics

C.2. Basic building or improvement construction
270,000sf of which ~17,000 is used as office space with the remaining designated as warehouse space.

C.3. Estimate the percentage of completion as of January 1, 2022
60.00 %

C.4. Builder's Cost Breakdown

ACTIVITIES	AMOUNT
EXCAVATING AND GRADING	$8,000,000.00
CONCRETE (foundation/walks/ drive)	$6,000,000.00
FRAMING MATERIAL	$12,800,000.00
FRAMING LABOR	$0.00
ROOFING	$0.00
GLASS	$0.00
HEATING AND AIR CONDITIONING	$1,800,000.00
PLUMBING	$1,100,000.00
ELECTRICAL	$3,000,000.00
INSULATION	$0.00
DRY WALL	$0.00
CARPENTER (labor/lumber/hardware)	$0.00
PAINTING AND DECORATING	$0.00
FLOORING	$0.00
LANDSCAPING	$0.00
ARCHITECT	$0.00
SURVEY	$0.00
BUILDING PERMITS	$0.00
INSURANCE	$0.00
CONSTRUCTION LOAN FEE AND INTEREST	$0.00
OVERHEAD AND PROFIT	$0.00
MISCELLANEOUS	$30,000,000.00
FIXTURES AND EQUIPMENT	$0.00
TOTAL BUILDING COST	$62,700,000.00

C.5. Please re-enter the Total Building Cost from above to verify cost

$62,700,000.00

C.6. Does the above building cost represent cost to date or total project cost when completed?
Cost at complettion

C.7. Purchase price of land (if applicable)
$12,113,165.00

C.8. Total (Land + Building Cost)
$74,813,165.00

C.9. Total Application Fee:
$1,500.00

☑ **I, the undersigned, representing ownership on the above property, herewith certify that the above statement of amounts and actual value of said property is true and correct, and represents total cost and investment by all parties involved.**

Signature
Jason Vangalis
Electronically signed by vangalis@amazon.com on 1/31/2022 3:53 PM

Official Use Only

$627.00

$627.00

D. Required Documents

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Case Id: 31105
Name: Amazon.com Services, LLC - 2021
Address: PO BOX 80416

Please upload the required documentation.

Please provide the following information.

Documentation

☑ **Blueprints *Required**
Blueprint.pdf

☑ **Plot Plan *Required**
Plot Plan.pdf

☑ **Copy of building permit *Required**
1625064234-File1-Building_Permit_Approved.pdf

☐ **Copy of Certificate of Occupancy (Only Required upon completion of project)**
***No files uploaded*

☐ **Detailed List of Fixtures and Equipment**
***No files uploaded*

Submit

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Case Id: 31105
Name: Amazon.com Services, LLC - 2021
Address: PO BOX 80416

Submit the Application

Please review and attest to the following:

Total Application Fee:
$1,500.00

Please submit your application fee to:

City of Council Bluffs, Community Development
209 Pearl St
Council Bluffs, Iowa 51503.
Checks should be made out to Council Bluffs City Clerk.

This application, along with all required attachments and fees, must be submitted by February 1. Applications received after this date may not be processed and/or approved.

WAIVER TO ENTER PROPERTY

☑ **The applicant hereby authorizes the Community Development Department, the Assessor's Office and/or their representatives to enter the property described above for the purpose of verifying all claims and data related to the application. (Note: Failure to sign the authorization may prevent the processing of the application.)**

CERTIFICATIONS

☑ **I certify that all information, representations, or statements provided to the City of Council Bluffs, in connection with this application, are true and correct in all material respects.**

Title
Econonomic Development Manager

Date
01/31/2022

Authorized Signature
Jason Vangalis
Electronically signed by vangalis@amazon.com on 1/31/2022 3:57 PM

Neighborly Software

City of Council Bluffs, IA

Permits and Inspection Division
209 Pearl Street
Council Bluffs, IA 51503
(712)890-5276

Application #: 2100394

Permit Type	Project Address
OTHER NONRESIDENTIAL STRUCTURE	3860 S 24TH ST

Contractor Information

MORIN, ERIC
533 S 3RD ST, STE 100
MINNEAPOLIS, MN 55415

Phone:

Legal Description

SOUTH 24TH & HIGHWAY 275 INDUSTRIAL LT 1

Owner Information	Tenant Information
80/29 ACCESS LLC 950 S 10TH ST STE 100 OMAHA, NE 68108	

Architect Information	Engineer Information
MORIN, ERIC	

Work Description

CONSTRUCT 278,000 SQ FT DISTRIBUTION/OFFICE BUILDING

Building Statistics

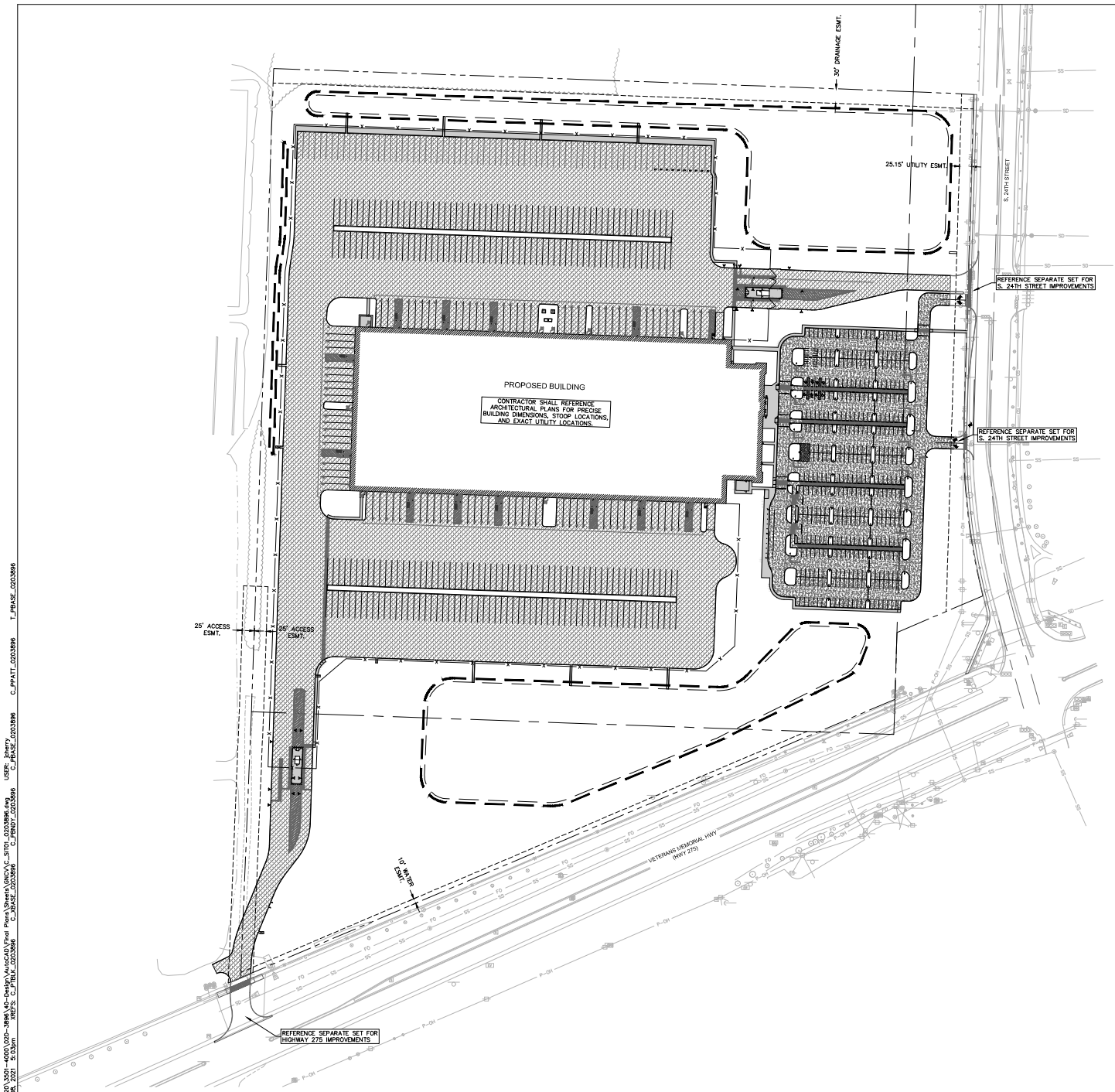
Occupancy Group:	MIX	Construction Type:	IIB
Finished Sq Ft:	278,670	Unfinished Sq Ft:	
Accessory Sq Ft:		Total Sq Ft:	
Parking:		Occupant Load:	
Zoning Code:	I-1	Building Valuation:	$26,371,243.00
Fire Sprinkler:			

Permit Information

Applied Date:	03/08/2021	Permit Number:	2101957
Issue Date:	06/28/2021	Report Code:	328
		Total Fees:	$122,770.69

All work shall conform with the City of Council Bluffs construction codes as adopted and amended. Separate permits are required for building, electrical, mechanical, plumbing, right-of-way, sign and utility. A final inspection must be made by the City prior to the occupancy of any new structure. Please call at least 24 hours in advance for your inspections.

This permit becomes null & void if work or construction authorized is not commenced with 180 days, or if construction or work is suspended or abandoned for a period of 180 days at any time after work is commenced. All provisions of law and ordinances governing this type of work will be complied with whether specified herein or not. The granting of permit does not presume to give authoritory to violate or cancel the provisions of any other state or local law regulating construction or the performance of construction.



SITE INFORMATION TABLE	
LEGAL DESCRIPTION:	LOT 1, SOUTH 24TH AND HIGHWAY 274 INDUSTRIAL (50.56 AC)
EXISTING ZONING:	L1
PROPOSED ZONING:	L1
STANDARD STALLS PARKING REQUIREMENTS:	
REQUIRED:	1 STALL/300 SF (XXX,000 USABLE SF) XXX STALLS REQUIRED
PROVIDED:	383 TOTAL STALLS
ACCESSIBLE PARKING:	
REQUIRED:	X STALLS (XX, PLUS 1 FOR EACH 100 SPACES OVER 1,000)
PROVIDED:	8 STALLS (2 VAN ACCESSIBLE PARKING)
MOTORCYCLE PARKING PROVIDED:	16 STALLS
TRAILER PARKING PROVIDED:	409 STALLS
BICYCLE PARKING PROVIDED:	16 STALLS

NOTES
1. STANDARD PARKING STALL SIZE SHALL BE 9'x18'.
2. ADA ACCESSIBLE PARKING STALL SIZE SHALL BE 8'x18'.

PAVEMENT/SURFACING LEGEND

HEAVY DUTY PAVEMENT.
LIGHT DUTY PAVEMENT.
4" P.C.C. SIDEWALK.
*REFERENCE DETAIL SHEET FOR PAVEMENT SECTIONS

N

0' 40' 80' 160'
SCALE IN FEET

olsson
2111 South 67th Street, Suite 200
Omaha, NE 68106
TEL 402.341.1116
www.olsson.com

75% PLANS
NOT FOR
CONSTRUCTION

REV./ ADD.	DATE	REVISIONS DESCRIPTION

REVISIONS

OVERALL SITE PLAN
CONSTRUCTION DOCUMENTS
BERON
S. 24TH STREET & VETERANS MEMORIAL HWY/HWY 275
COUNCIL BLUFFS, IOWA
2021

drawn by: AJS
checked by: EJG
approved by: LHS
QA/QC by: DGB
project no.: 020-3896
drawing no.:
date: 2-3-21

SHEET
C5.01

DWG: FL:\2020\3920-4000\020-3896\40-Design\Auto\CAD\Final Plans\Sheet\3000\C_SITE_2020389640.dwg
DATE: Feb 03, 2021 - 8:43pm
XREFS: C_PROP_2020389640 C_SITE_2020389640 C_PPATT_2020389640 C_PPARC_2020389640 T_PHASE_2020389640
USER: jhenry

PROJECT BERON

THESE DOCUMENTS ARE CONFIDENTIAL

PROJECT DIRECTORY:

ARCHITECT OF RECORD
RYAN A+E, INC.
50 S. 10TH STREET, SUITE 300
MINNEAPOLIS, MN 55403-2012
PHONE: (612) 492-4000

DESIGN/BUILDER
RYAN COMPANIES US, INC.
111 EAST GRAND, SUITE 200
DES MOINES, IA 50309
PHONE: (515) 309-9500

CIVIL ENGINEER
OLSSON
1717 INGERSOLL AVE
DES MOINES, IA 50309
PHONE: (515) 331-6519

STRUCTURAL ENGINEER
SHIRK & O'DONOVAN CONSULTING ENGINEERS
370 EAST WILSON BRIDGE ROAD
WORTHINGTON, OH 43085
PHONE (614) 436-6465

MECHANICAL/PLUMBING
KRAEMER CONSULTING ENGINEERS, P.L.L.C.
2050 WEST WHISPERING WIND DRIVE
SUITE #156
PHOENIX, AZ 85085
(602) 285-1680

ELECTRICAL
KRAEMER CONSULTING ENGINEERS, P.L.L.C.
2050 WEST WHISPERING WIND DRIVE
SUITE #156
PHOENIX, AZ 85085
(602) 285-1680

LOW VOLTAGE
IES COMMUNICATIONS
2851 SOUTH FAIR LANE
TEMPE, AZ 85282
PHONE: (800) 782-6635

FIRE PROTECTION
HARRINGTON GROUP
3037 SATELLITE BLVD
BUILDING 300, SUITE 525
DULUTH, GA 30096
PHONE: (770) 564-3505

BUILDING CODE SUMMARY:

PROJECT LOCATION: COUNCIL BLUFFS, IOWA

APPLICABLE CODES:

BUILDING CODE: 2015 INTERNATIONAL BUILDING CODE WITH STATE OF IOWA AMENDMENTS

MECHANICAL CODE: 2018 INTERNATIONAL MECHANICAL CODE WITH STATE OF IOWA AMENDMENTS

PLUMBING CODE: 2018 UNIFORM PLUMBING CODE WITH STATE OF IOWA AMENDMENTS

ELECTRICAL CODE: 2020 NATIONAL ELECTRICAL CODE WITH STATE OF IOWA AMENDMENTS

ENERGY CODE: 2009 INTERNATIONAL ENERGY CONSERVATION CODE WITH STATE OF IOWA AMENDMENTS

FIRE CODE: 2015 INTERNATIONAL FIRE CODE WITH STATE OF IOWA AMENDMENTS

ACCESSIBILITY CODE: ICC / ANSI A117.1-2010 ACCESSIBLE & USABLE BUILDINGS AND FACILITIES

UNLIMITED AREA BUILDING — IBC SECTION 507.1
FULLY SPRINKLERED — IBC SECTION 903.0
EARLY SUPPRESSION FAST RESPONSE SYSTEM (ESFR)

BUILDING AREA:
WAREHOUSE 261,321 SF
OFFICE 17,349 SF
TOTAL 278,670

NON-SEPARATED MIXED USE: — IBC SECTION 508.3
USE GROUPS:
A-2 ASSEMBLY (ACCESSORY USE) — IBC SECTION 303.3
A-3 ASSEMBLY (ACCESSORY USE) — IBC SECTION 303.4
B BUSINESS (ACCESSORY USE) — IBC SECTION 304.1
S-1 MODERATE HAZARD STORAGE — IBC SECTION 311.2

CONSTRUCTION TYPE: IIB, UNPROTECTED — IBC SECTION 602.2

THERMAL RESISTANCE VALUES

EXTERIOR WALLS: INSULATED PRECAST CONCRETE WALL PANELS — R-13 MIN.

ROOF R-VALUE: MECHANICALLY FASTENED TPO OVER POLYISO INSULATION — R-30 MIN.

EGRESS CODE SUMMARY:

CAPACITY OF EGRESS COMPONENT REQUIRED: (TOTAL BUILDING OCCUPANCY)

0.20" X 1,095 PERSONS = 219.00 INCHES (AT DOORS) — IBC SECTION 1005.3.2

GROUND FLOOR EGRESS COMPONENTS PROVIDED:

2 ENTRANCE DOORS @ 68"	=136"
2 ENTRANCE DOORS @ 34"	=68"
22 SERVICE DOORS @ 34"	=748"
1 FIRE RISER ROOM DOOR @ 68" (NOT INCLUDED AS PART OF EGRESS)	=68"
1 BUILDING SERVICES ROOM DOORS @ 34" (NOT INCLUDED AS PART OF EGRESS)	=34"
1 ROOF ACCESS SERVICE DOOR @ 34"	=34"
TOTAL	=952"

NUMBER OF EXITS REQUIRED: 4 EXITS — IBC SECTION 1006.2.1.1

NUMBER OF EXITS PROVIDED: 26 EXITS

SECTION 1004 OCCUPANT LOAD

SECTION 1005 MEANS OF EGRESS SIZING

1005.2 MINIMUM WIDTH BASED ON COMPONENT - THE MINIMUM WIDTH, IN INCHES (MM), OF ANY MEANS OF EGRESS COMPONENTS SHALL BE LESS THAN THAT SPECIFIED FOR SUCH COMPONENT, ELSEWHERE IN THIS CODE.

1005.3 REQUIRED CAPACITY BASED ON OCCUPANT LOAD THE REQUIRED CAPACITY, IN INCHES (MM), OF MEANS OF EGRESS FOR ANY ROOM, AREA, SPACE, OR STORY SHALL NOT BE LESS THAN THAT DETERMINED IN ACCORDANCE WITH SECTION 1005.3.1 AND 1005.3.2

1005.3.1 STAIRWAYS. THE CAPACITY, IN INCHES, OF MEANS OF EGRESS STAIRWAY SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH STAIRWAYS BY MEANS OF EGRESS CAPACITY FACTOR OF 0.3 INCH PER OCCUPANT. WHERE STAIRWAYS SERVE MORE THAN ONE STORY, ONLY THE OCCUPANT LOAD OF EACH STORY CONSIDERED INDIVIDUALLY SHALL BE USED IN CALCULATING THE REQUIRED CAPACITY OF THE STAIRWAYS SERVING THAT STORY.

1005.3.2 OTHER EGRESS COMPONENTS. THE CAPACITY, IN INCHES OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH COMPONENT BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.2 INCHES PER OCCUPANT.

LENGTH OF TRAVEL: — IBC TABLE 1017.2
A-2 250' MAX. (ACCESSORY USE)
A-3 250' MAX. (ACCESSORY USE)
B 300' MAX. (ACCESSORY USE)
S-1 400' MAX.

1017.2.2: GROUP F-1 AND S-1 INCREASE. THE MAXIMUM EXIT ACCESS TRAVEL DISTANCE SHALL BE 400 FEET IN GROUP F-1 OR 2-1 OCCUPANCIES WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET:

1. THE PORTION OF THE BUILDING CLASSIFIED AS GROUP F-1 OR 2-1 IS LIMITED TO ONE STORY IN HEIGHT.

2. THE MINIMUM HEIGHT FROM THE FINISHED FLOOR TO THE BOTTOM OF THE CEILING OR ROOF SLAB OR DECK IS 24 FEET.

3. THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1

1009.1 ACCESSIBLE MEANS OF EGRESS
ACCESSIBLE MEANS OF EGRESS SHALL COMPLY WITH THIS SECTION. ACCESSIBLE SPACES SHALL BE PROVIDED WITH NOT LESS THAN ONE ACCESSIBLE MEANS OF EGRESS. WHERE MORE THAN ONE MEANS OF EGRESS ARE REQUIRED BY SECTION 1006.2 OR 1006.3 FROM ANY ACCESSIBLE SPACE, EACH ACCESSIBLE PORTION OF THE SPACE SHALL NOT BE SERVED BY NOT LESS THAN TWO ACCESSIBLE MEANS OF EGRESS.

1009.3 STAIRWAYS. IN ORDER TO BE CONSIDERED PART OF AN ACCESSIBLE MEANS OF EGRESS, AN EXIT ACCESS STAIRWAY AS PERMITTED BY SECTION 1019.1 OR EXIT STAIRWAY SHALL HAVE A CLEAR WIDTH OF 48 INCHES MINIMUM BETWEEN HANDRAILS AND SHALL EITHER INCORPORATE AN AREA OF REFUGE WITHIN AN ENLARGED FLOR-LEVEL LANDING OR SHALL E ACCESSED FROM EITHER AN AREA OF REFUGE COMPLYING WITH SECTION 1007.6 OR A HORIZONTAL EXIT.

EXCEPTIONS:

1. THE AREA OF REFUGE IS NOT REQUIRED AT OPEN EXIT ACCESS OR EXIT STAIRWAYS AS PERMITTED BY SECTIONS 1016.1 AND 1022.1 IN BUILDINGS THAT ARE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTINO 903.3.1.1 OR 903.3.1.2.

2. THE CLEAR WIDTH OF 48 INCHES BETWEEN HANDRAILS IS NOT REQUIRED AT EXIT ACCESS STAIRWAYS AS PERMITTED BY SECTINO 1019.1 OR EXIT STAIRWAYS IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2.

3. AREAS OF REFUGE ARE NOT REQUIRED AT EXIT STAIRWAYS IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTINO 903.3.1.1 AND 903.3.1.2.

4. THE CLEAR WIDTH OF 48 INCHES BETWEEN HANDRAILS IS NOT REQUIRED FOR EXIT STAIRWAYS ACCESSED FROM A HORIZONTAL EXIT.

(STAIRWAYS ARE PROVIDED IN ACCORDANCE WITH 1009.3 EXCEPTION 2 AND 1011.2 WITH A CLEAR WIDTH OF 44" MIN.)

INTERIOR IMPROVEMENTS CODE SUMMARY:

OCCUPANT LOAD: — IBC TABLE 1004.1.2

FUNCTION / USE	AREA	SF/PERSON	OCCUPANTS
GROUND FLOOR			
WAREHOUSE			
WAREHOUSE	258,274 SF	500	517
(1) REMOTE TOILET ROOM	574 SF	100	6
(1) REMOTE BREAK ROOM	878 SF	15	59
(2) TRUCKER'S LOUNGES	344 SF	15	23
DEMARC / UTILITY / FIRE PUMP ROOM	1,251 SF	300	4
WAREHOUSE SUB-TOTAL	261,321 SF		609
MAIN OFFICE AREA			
SECURITY AREA / VESTIBULE	3,174 SF	50	64
TRAINING ROOM	978 SF	20	49
EMPLOYEE LOCKER ROOMS	783 SF	50	16
MAIN BREAK ROOM	3,676 SF	15	245
BREAK ROOM VENDING	827 SF	50	17
OFFICE, TOILET ROOMS	5,045 SF	100	60
CONFERENCE	292 SF	15	20
MULTI FAITH ROOMS	527 SF	50	11
ACCESSORY STORAGE, EQUIPMENT	1,170 SF	300	4
MAIN OFFICE SUB-TOTAL	17,349 SF		485
TOTAL BUILDING:	278,670 SF		1,095

OCCUPANT LOAD: — IBC TABLE 1004.1.2

OCCUPANCY	VERTICAL EXITS & EXIT PASSAGEWAYS	EXIT ACCESS CORRIDORS	ROOMS & ENCLOSED SPACES	FLOOR FINISH (SETION 804.4.1)
A-3 ASSEMBLY	CLASS B	CLASS B	CLASS C	CLASS II DOC-FF-1
B BUSINESS	CLASS B	CLASS C	CLASS C	CLASS II DOC-FF-1
S-1 STORAGE	CLASS C	CLASS C	CLASS C	CLASS II DOC-FF-1

INTERIOR FINISH CLASS A - FLAME SPREAD RATING 0-25
INTERIOR FINISH CLASS B - FLAME SPREAD RATING 26-75
INTERIOR FINISH CLASS C - FLAME SPREAD RATING 76-200 — IBC SECTION 803.1.1

SPACES OTHER THAN EXITS AND CORRIDORS - SMOKE DEVELOPED RATING 450 OR LESS — IBC SECTION 803.1.1

EXITS & CORRIDORS - SMOKE DEVELOPED RATING 25 MAX. — IBC SECTION 803.1.1

NOTE: ROOMS OR SPACES THROUGH WHICH IT IS NECESSARY FOR OCCUPANTS OF AN ADJACENT ROOM TO PASS IN ORDER TO REACH THE ONLY EXIT SHALL, FOR THE PURPOSE OF THIS TABLE, BE CONSIDERED AS CORRIDORS. WHERE USED IN CORRIDORS, CLASS B FINISH MATERIAL SHALL NOT EXTEND MORE THAN FIFTY FEET BETWEEN SEPARATIONS OF CLASS A FINISH MATERIAL THAT ARE AT LEAST TWO FEET WIDE.

PLUMBING FIXTURES PROVIDED: — IPC TABLE 403.1

USE	OCCUPANT LOAD (IBC TABLE 1004.1.1)	WATER CLOSETS REQUIRED: M	F	URINAL SUBST. ALLOWED	LAVATORIES REQUIRED: M	F	DRINKING FOUNT. REQUIRED	SERVICE SINKS REQUIRED
A-3	386	1/125 2	1/65 3	67%	1/200 1	1/200 1	1/500 1	1
B	174	1/50 2	1/50 2	50%	1/80 2	1/80 2	1/100 2	1
S-1	525	1/100 3	1/100 3	50%	1/100 3	1/100 3	1/1000 1	1
TOTAL	1,095	15 REQUIRED 23 PROV.		4 PROV.	12 REQUIRED 19 PROV.		4 REQUIRED 4 PROV.	4 PROV.

ACCESSIBILITY INFORMATION:

1. ACCESS TO THESE FACILITIES SHALL BE PROVIDED AT PRIMARY ENTRANCES.
2. THE SLOPE OF PUBLIC WALKS SHALL NOT EXCEED MAX. CROSS SLOPE 2%.
3. WALKING SURFACES SLOPING GREATER THAN 2% SHALL BE SLIP RESISTANT.
4. PROVIDE A 60" X 60" MIN. LANDING ON STRIKE SIDE OF DOOR WITH 44" MIN. WIDTH IN DIRECTION OF TRAVEL.
5. WALKS SHALL EXTEND 24" TO THE SIDE OF THE STRIKE EDGE OF DOOR OR GATE THAT SWINGS TOWARD THE WALK.
6. EVERY REQUIRED EXIT DOORWAY SHALL BE SIZED FOR A DOOR NOT LESS THAN 3'-0" WIDE X 6'-8" HIGH CAPABLE OF OPENING 90 DEGREES AND MOUNTED SO THAT THE CLEAR WIDTH OF THE EXIT SHALL BE 32" MIN.
7. THRESHOLD TO BE A MAX. 1/2" ABOVE ADJACENT FINISH FLOOR.
8. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS. FOR INTERIOR DOORS AND 8.5 LBS. FOR EXTERIOR DOORS PER ICC ACCESSIBILITY CODE SECTION 404.2.9.
9. THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC SLIDERS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE.
10. THE BUILDING SHALL COMPLY WITH ICC / ANSI STANDARD A117.1-2017.
11. CONTROLS AND OPERATING MECHANISMS SHALL BE ACCESSIBLE AND HAVE MOUNTING HEIGHTS COMPLYING WITH ICC/ANSI A117.1-2017, SECTIONS 308 & 309.
12. ALL ROOM, DIRECTIONAL, AND INFORMATION SIGNS SHALL BE ACCESSIBLE DESIGN COMPLYING WITH ICC/ANSI STATE A117.1-2017.

GUARDHOUSE CODE SUMMARY

OCCUPANCY TYPE: S1 ACCESSORY USE
TOTAL FLOOR AREA: 286 SF
CONSTRUCTION TYPE: IIB
BUILDING HEIGHT: 14 FT

BUILDING IS NON SPRINKLERED

EXITING: OFFICE AREA: (1) EXIT REQUIRED, (2) PROVIDED
TOILET ROOM: (1) EXIT REQUIRED, (1) PROVIDED

BUILDING SYSTEM: INSULATED PRECAST WALL PANELS
3" METAL ROOF DECK
WALLS ARE NON-RATED

EXTERIOR FINISHES: INSULATED PRECAST WALL PANELS

INTERIOR FINISHES: CONCRETE SLAB ON GRADE
PAINTED GYP. BD. WALLS
SUSPENDED CEILING

BUILDING CONTAINS A UNISEX TOILET ROOM AND WATER SOURCE FOR PORTABLE WATER COOLER

(2) GUARDHOUSE LOCATIONS ARE USED AS ENTRANCE POINTS FOR TRUCKING OPERATIONS ASSOCIATED WITH WAREHOUSE S-1 OCCUPANCY

DESIGN STANDARDS:

BUILDING	VERSION	DATE
WORLDWIDE REAL ESTATE (WWRE)		
DESIGN STANDARDS:	Q4 2018, REVISION 8	DEC. 5, 2018
DESIGN CRITERIA:	NA DESIGN CRITERIA - OUTBOUND CROSS DOCK - V1.1	NOV. 6, 2020
BUILDING SIGNAGE STANDARD	REVISION #13 (WWRE DESIGN STANDARDS)	DEC. 5, 2018
DESIGN BULLETINS: (N/A=NOT APPLICABLE TO THIS SITE) (N.I.=NOT INCLUDED FOR THIS SITE)		
V1.0 DB-01	SIGNAGE CLARIFICATION	MAY 24, 2017
N/A DB-02	REMOTE BREAKAREA	MAY 25, 2017
V1.0 DB-03	SMOKER'S SHELTER	JUNE 1, 2017
V1.0 DB-04	POLISHED CONCRETE	AUG. 9, 2017
V1.0 DB-05	WALL DECAL	AUG. 9, 2017
V1.0 DB-06	EXTERIOR DOOR NUMBERS	AUG. 9, 2017
V1.0 DB-07	WOMEN'S TOILET	AUG. 9, 2017
V1.0 DB-08	DOOR HARDWARE	AUG. 9, 2017
N/A DB-09	V6.1 AR SORT DESIGN CRITERIA	OCT. 4, 2017
N/A DB-10	V6.2 AR NON-SORT DESIGN CRITERIA	JULY 10, 2017
N/A DB-10.1	V7.0 AR NON-SORT DESIGN CRITERIA	SEPT. 12, 2018
N/A DB-11	AR SORT OFFICE LAYOUT	OCT. 4, 2017
N/A DB-11.1	AR SORT OFFICE LAYOUT	OCT. 18, 2017
N/A DB-11.2	AR SORT OFFICE LAYOUT	NOV. 1, 2017
N/A DB-11.2.1	AR SORT OFFICE LAYOUT	NOV. 3, 2017
N/A DB-12	IT V6.1 SPECIFICATIONS	OCT. 17, 2017
V1.0 DB-13	MAIN BREAKROOM	NOV. 28, 2017
V1.0 DB-13.1	MAIN BREAKROOM	DEC. 21, 2018
V1.0 DB-14	TV LOCATIONS	NOV. 28, 2017
V1.0 DB-15	BMS SPEC	NOV. 28, 2017
V1.0 DB-16	EGRESS RUNNING MAN	NOV. 28, 2017
V1.0 DB-17	NEW MOTHER'S ROOM	NOV. 28, 2017
N/A DB-18	2018 NON-SORT TI OFFICE	DEC. 13, 2017
N/A DB-19	AR PERIMETER GUARDING RSH	DEC. 13, 2017
V1.0 DB-20	TRUCK YARD REVISIONS	JAN. 16, 2018
V1.0 DB-20.1	TRUCK YARD REVISIONS	MAR. 1, 2018
V1.0 DB-21	LOCKERS	JAN. 16, 2018
N/A DB-22	AR SORT DOCK DOOR PACKAGE	JAN. 16, 2018
N/A DB-23	VRC/POD TRANSFER LIFTS	JAN. 18, 2018
N/A DB-23.1	VRC/POD TRANSFER LIFTS	MAR. 15, 2018
V1.0 DB-24	ENERGY SPECIFICATIONS	JAN. 29, 2018
V1.0 DB-25	REVISED LIGHTING STANDARD	FEB. 12, 2018
N/A DB-26	RAINBOW RACKING LIGHTING	FEB. 1, 2018
N/A DB-27	FIRE RELAY	FEB. 13, 2018
N/A DB-28	AR IT TEAM ROOM	FEB. 13, 2018
DB-29	DELETED	FEB. 13, 2018
N/A DB-30	AR SCRUBBER DUMPS	FEB. 14, 2018
N/A DB-30.1	AR SCRUBBER DUMPS	APR. 12, 2018
N/A DB-31	AR HVLS FANS	FEB. 14, 2018
V1.0 DB-32	GUARDHOUSE WATER COOLER	FEB. 28, 2018
V1.0 DB-33	TRUCKYARD BARBED WIRE	FEB. 28, 2018
N/A DB-34	AR ELECTRICAL SPEC R04	MAR. 7, 2018
V1.0 DB-35	ZERO SIGHTLINE DESIGN	MAR. 12, 2018
N/A DB-36	AR SORT ELECTRICAL SERVICE LINE	MAR. 19, 2018
N/A DB-36.1	AR SORT ELECTRICAL SERVICE SIZE	OCT. 16, 2018
N/A DB-37	ROBOTIC TOTE PALLETIZER	MAR. 22, 2018
N/A DB-38	AR PERIMETER GUARDING	MAR. 26, 2018
N/A DB-39	AR SORT STAIR CROSSOVER	MAR. 26, 2018
N/A DB-39.1	AR SORT STAIR CROSSOVER	APR. 6, 2018
N/A DB-39.2	AR SORT STAIR CROSSOVER	MAY 21, 2018
N/A DB-39.3	AR SORT STAIR CROSSOVER	FEB. 28, 2019
N/A DB-40	DOUBLE COLUMN GAP PROTECTION	APR. 10, 2018
N/A DB-41	MSC ROOM CARD OUT	APR. 6, 2018
N/A DB-42	REMOVAL OF RECRUITING TURNSTILE	MAY 31, 2018
N/A DB-42.1	REMOVAL OF RECRUITING TURNSTILE	SEPT. 17, 2019
N/A DB-43	CONCRETE FLOOR FINISHING	JULY 12, 2018
N/A DB-43.1	CONCRETE FLOOR FINISHING	JAN. 8, 2019
N/A DB-43.2	CONCRETE FLOOR FINISHING	SEPT. 17, 2019
V1.0 DB-44	TOILET PARTITION PRIVACY	JULY 25, 2018
V1.0 DB-45	REVISED MAIN ENTRY TURNSTILES	SEPT. 11, 2018
N/A DB-46	DOOR HARDWARE	OCT. 16, 2018
N/A DB-46.1	DOOR HARDWARE	SEPT. 10, 2019
N/A DB-47	MULTI-STORY PROTOTYPE V1.0	OCT. 17, 2018
N/A DB-47.1	MULTI-STORY PROTOTYPE V2.0	SEPT. 10, 2019
V1.0 DB-48	IDF ADDITIONAL POWER	AUG. 15, 2018
V1.0 DB-49	DOCK EQUIPMENT	OCT. 17, 2018
N/A DB-50	AR ELEC. SPECS. R06	OCT. 18, 2018
N/A DB-51	FC IT 2018 GLOBAL STANDARDS V7	OCT. 18, 2018
V1.0 DB-52	RME MODULES	DEC. 4, 2018
V1.0 DB-53	PARKING LOT SAFETY IMPROVEMENTS	DEC. 4, 2018
V1.0 DB-53.1	PARKING LOT SAFETY IMPROVEMENTS	FEB. 2, 2019
N/A DB-54	AR SORT MEZZANINE BREAKROOM	JAN. 21, 2019
N/A DB-55	RSP WORKSTATION LIGHTS	FEB. 20, 2019
V1.0 DB-56	UNDER PLATFORM LIGHT STANDARDS	FEB. 20, 2019
N/A DB-57	AR SORT MAIN OFFICE BLOCK	FEB. 27, 2019
N/A DB-57.1	AR SORT MAIN OFFICE BLOCK	MAR. 20, 2019
V1.0 DB-58	SOAP AND PAPER TOWEL DISPENSERS	FEB. 27, 2019
V1.0 DB-59	MAIN OFFICE ACCESS CONTROL	MAR. 20, 2019
V1.0 DB-60	3RD PARTY COMMISSIONING	APR. 1, 2019
V1.0 DB-61	IDF SECURITY	MAY 17, 2019
V1.0 DB-62	CANOPY ROOF DRAINS	MAY 17, 2019
V1.0 DB-63	SIGNAGE AND BRANDING	MAY 20, 2019
V1.0 DB-64	INTERIOR PAINT FINISHES	MAY 20, 2019
V1.0 DB-65	REVISED FINISH SCHEDULE	AUG. 16, 2019
V1.0 DB-66	AR PERIMETER FENCING	AUG. 16, 2019
V1.0 DB-67	AUTOMATIC LICENSE PLATE READER	AUG. 23, 2019
V1.0 DB-68	TURNSTILES	AUG. 30, 2019
N/A DB-69	NA AR SORT 950K DB 843 G+3 PROTOTYPE V1.0	SEP. 9, 2019
N/A DB-70	NA AR SORT 950K DB 843 G+4.5 PROTOTYPE V1.0	SEP. 9, 2019
N/A DB-70.1	NA AR SORT 950K DB 843 G+4.5 PROTOTYPE V1.0	OCT. 30, 2019
N/A DB-71	855 AR SORT REMOTE BREAK ROOMS	SEP. 17, 2019
V1.0 DB-72	FIRE ALARM PULL COVER	OCT. 21, 2019
V1.0 DB-73	NEW MOTHER'S ROOM	NOV. 5, 2019
V1.0 DB-74	OVERHED DOOR SECURITY	NOV. 21, 2019
N/A DB-75	FIRST DAY TRAINING ACCESS CONTROL	NOV. 27, 2019
V1.0 DB-76	AUTOMATIC LICENSE PLATE READER	DEC. 6, 2019
N/A DB-77	FC IT GLOBAL STANDARDS V8.1	DEC. 6, 2019
V1.0 DB-78	AM CARE DOOR HARDWARE	DEC. 12, 2019
V1.0 DB-79	BOON EDAM SPEED LANES	DEC. 17, 2019
N/A DB-80	ARS RSP WORKSTATION AIRFLOW	JAN. 21, 2020
N/A DB-80.1	ARS RSP WORKSTATION AIRFLOW	MAR. 20, 2020
V1.0 DB-81	MAIN SWITCHGEAR TORQUE SETTING & IR WINDOW	JAN. 24, 2020
N/A DB-82	AR SORT ACOUSTIC PANELS	JAN. 24, 2020
N/A DB-83	AR SMOKERS SHELTER SCREENING	JAN. 27, 2020
N/A DB-84	NA AR SORT 950K DB 843 G+3 PROTOTYPE V2.6	JAN. 31, 2020
N/A DB-85	WELLNESS CENTER RETROFIT	FEB. 3, 2020
N/A DB-86	NA AR SORT 950K DB 843 G+4.5 PROTOTYPE V2.1	FEB. 7, 2020
N/A DB-87	843 G+3 MHE SHAFT CATWALKS	FEB. 27, 2020
V1.0 DB-88	NAFC PAVEMENT DESIGN CRITERIA	MARCH 3, 2020
V1.0 DB-89	SECTION 11 1300 LOADING DOCK EQUIPMENT	MARCH 20, 2020
N/A DB-90	WELLNESS CENTER REDESIGN	MARCH 24, 2020
N/A DB-91	NA ARS G+4.0 LARGE TEMPLATE V2.2	MARCH 27, 2020
V1.0 DB-92	DOOR HARDWARE	APRIL 1, 2020
V1.0 DB-93	FC IT GLOBAL STANDARDS V8.2	APRIL 3, 2020
N/A DB-94	VERTICAL RECIPROCATING CONVEYORS-AR SORTABLE	APRIL 10, 2020
V1.0 DB-95	UPDATED DOCK DOOR DETAIL	APRIL 29, 2020
N/A DB-96	TNS 117K DB G+2 GEN 4.5, V1.0	APRIL 29, 2020
V1.0 DB-97	TIME CLOCK - DIMENSION UPDATE	MAY 12, 2020
N/A DB-98	ARS SORT MEZZ ADJUST SLAB EDGE	MAY 15, 2020
N/A DB-99	AFE RSNS DATA DROP ADDITION	MAY 15, 2020
V1.0 DB-100	TIME CLOCK ADDITION AT SCREENING	MAY 15, 2020
N/A DB-101	ARS G+4.5 LARGE TEMPLATE UPDATE V2.5	MAY 27, 2020
N/A DB-102	VRC-AR SORTABLE	JUNE 10, 2020
N/A DB-103	ARS ROBIN LOCATIONS	JUNE 11, 2020
N/A DB-104	VRC-TNS	JUNE 11, 2020
N/A DB-105	ARS G+4.5 MEDIUM TEMPLATE V1.0	JUNE 18, 2020
N/A DB-106	IXD 17MM DB G+1 GEN 4.5, V1.1	JULY 27, 2020
N/A DB-107	DATA DROPS AT SIEMENS DEGANT STATIONS	JULY 27, 2020
N/A DB-108	ROOF SAFETY UNGUARDED SKYLIGHTS	JULY 27, 2020
V1.1 DB-110	BARRIER AT SECURITY DESK	AUG. 6, 2020
N/A DB-10.2	ARS SORTATION CHUTE RAILING DETAILS	AUG. 14, 2020
N/A DB-111	TNS 117K DB G+2 GEN 4.5 V1.2	AUG. 27, 2020
V1.1 DB-112	BARRIERS AT RESTROOMS	SEPT. 10, 2020
N/A DB-113	IXD 17MM DB G+1.0 GEN 4.3, V1.2	SEPT. 10, 2020
N/A DB-114	ARS MEDIUM GEN 11.1 V1.1: SHAFTS B, C, & D	SEPT. 15, 2020
N/A DB-115	ARS G+3 GEN 10.3 V1.3 TEMPLATE	SEPT. 15, 2020
N/A DB-116	SOFTLINES G+0.5 GEN 2.0 V1.1	SEPT. 30, 2020
N/A DB-117	ARS ROOF AND FLOOR JOIST PROFILE	OCT. 5, 2020
N/A DB-118	ARS G+4 M & L SORTATION MEZZANINE	OCT. 6, 2020
N/A DB-119	TRAILER PARKING MINIMUM REQUIREMENTS	OCT. 15, 2020
N/A DB-120.1	IXD 17MM DB G+1 GEN 4.3 V1.3	OCT. 28, 2020
V1.0 DB-121	SAFETY STRIPING - GUARDHOUSE OB LANES	OCT. 22, 2020
V1.1 DB-122	DOOR HARDWARE SPECIFICATIONS V5.0	OCT. 28, 2020
N/A DB-123	SORT MEZZ HANDRAIL SAFETY PLATE	OCT. 28, 2020
V1.1 DB-124	AR PERIMETER GUARD SPECIFICATION V6	OCT. 29, 2020
N/A DB-125	PULLBACK REGIONAL FC GEN 3 V1.0	NOV. 4, 2020
N/A DB-126	SOFTLINES G+0.5 GEN 2.0 V1.2	NOV. 4, 2020
N/A DB-127	CONCRETE MACROSYNTHETIC FIBER	NOV. 4, 2020
N/A DB-128	ARS G+3 GEN 10.2 V1.3 TEMPLATE	NOV. 5, 2020
N/A DB-129	AR EXPANSION JOINT DESIGN STANDARD	NOV. 5, 2020
N/A DB-130	ARS CN3 TEMPLATE V1.0	NOV. 12, 2020
V1.0 DB-131	TRUCK YARD EV CHARGING	DEC. 2, 2020
V1.0 DB-136	MULTI-FAITH ROOM - WUDUMATE THERM. MIX. VALVE SPEC	JAN. 15, 2021
V1.0 DB-139	AMAZON SIGNAGE STANDARDS V1.01	JAN. 22, 2021
V1.0 DB-140	ROOF SAFETY DESIGN STANDARDS	FEB. 4, 2021
V1.0 DCL-127	NA TRUCK YARD EV CHARGING	MAR. 21, 2021
V1.0 DCL-128	AR-CXD MULTI GEN 1.0 V1.1	OCT. 10, 2020
V1.0 DCL-130	MULTI FAITH ROOM - MIXING VALVE SPEC	NOV. 18, 2020
V1.0 DCL-132	WWDS - DESIGN DATA SHEETS - MOTHERS ROOM V4.0	NOV. 20, 2020
V1.0 DCL-138	WWD YARD DESIGN STANDARDS V2.0	DEC. 9, 2020
V1.0 DCL-144	EXTERIOR SIGNAGE UPDATE V1.01	JAN. 12, 2021
V1.0 DCL-145	WELLNESS CENTER - CROSS PROGRAM	JAN. 12, 2021
V1.0 DCL-147	ROOF SAFETY DESIGN STANDARDS UPDATE	JAN. 14, 2021
N/A DCL-158	GEOTECHNICAL DESIGN CRITERIA UPDATES	FEB. 11, 2021
V1.0 DCL-161	IT INFRASTRUCTURE	FEB. 11, 2021
V1.0 DCL-164	LIGHTNING PROTECTION DESIGN STANDARD	FEB. 19, 2021
V1.0 DCL-165	WWDS PIT CHARGING AND SAFETY SHOWER	FEB. 19, 2021
V1.0 DCL-167	HVAC FILTER MERV CHANGE	MAR. 3, 2021
IT:		
IT INFRASTRUCTURE A.M.E. GLOBAL FULFILLMENT CENTERS STANDARDS	FC IT 2020 A.M.E. INFRASTRUCTURE GLOBAL STANDARD V8.2	APRIL 3, 2019
SECURITY:		
SECURITY BASIS OF DESIGN: FC GLOBAL DESIGN GUIDELINES	2018 V4.0	MAY 10, 2018

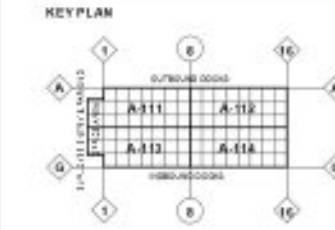
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OWNER

CONSULTANTS

KEY PLAN



PROJECT INFORMATION
PROJECT BERON

COUNCIL BLUFFS, IA

I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Marin

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DRAWN BY	CHECKED BY
MS	EM
JOB NO. 701068	DATE 4/6/2021

ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
A	2.12.2021	STRUCTURAL STEEL SET
B	3.5.2021	PERMIT SET

PERMIT SET
3/17/2021

COVER SHEET

G-100

Discipline	SHEET	SHEET NAME	ISSUED FOR	2021.02.12 STRUCTURAL STEEL SET	2021.03.05 PERMIT SET	DATE
01 - GENERAL						
01 - GENERAL	G-100	COVER SHEET		R	X	3.5.2021
01 - GENERAL	G-101	LIST OF DRAWINGS		R	X	3.5.2021
01 - GENERAL	G-102	LIFE SAFETY EGRESS PLAN			X	3.5.2021
01 - GENERAL	G-103	BUILDING FIRE EXTINGUISHER PLAN			X	3.5.2021
01 - GENERAL	G-104	ENERGY CODE			X	3.5.2021
5						
02 - CIVIL						
02 - CIVIL	C1.01	COVER SHEET			X	3.5.2021
02 - CIVIL	C2.01	GENERAL NOTES			X	3.5.2021
02 - CIVIL	C2.02	GENERAL NOTES			X	3.5.2021
02 - CIVIL	C3.01	CONSTRUCTION PHASING PLAN			X	3.5.2021
02 - CIVIL	C4.01	EROSION CONTROL PLAN			X	3.5.2021
02 - CIVIL	C4.02	EROSION CONTROL PLAN			X	3.5.2021
02 - CIVIL	C4.03	EROSION CONTROL NOTES			X	3.5.2021
02 - CIVIL	C4.04	EROSION CONTROL DETAILS			X	3.5.2021
02 - CIVIL	C4.05	EROSION CONTROL DETAILS			X	3.5.2021
02 - CIVIL	C5.01	OVERALL SITE PLAN			X	3.5.2021
02 - CIVIL	C5.02	SITE PLAN			X	3.5.2021
02 - CIVIL	C5.03	SITE PLAN			X	3.5.2021
02 - CIVIL	C5.04	SITE PLAN			X	3.5.2021
02 - CIVIL	C5.05	SITE PLAN			X	3.5.2021
02 - CIVIL	C5.06	SITE PLAN			X	3.5.2021
02 - CIVIL	C5.07	SITE PLAN			X	3.5.2021
02 - CIVIL	C5.08	SITE PLAN			X	3.5.2021
02 - CIVIL	C5.09	SITE PLAN			X	3.5.2021
02 - CIVIL	C5.10	SITE PLAN			X	3.5.2021
02 - CIVIL	C5.11	SITE PLAN			X	3.5.2021
02 - CIVIL	C6.02	SIGNAGE AND STRIPING PLAN			X	3.5.2021
02 - CIVIL	C6.03	SIGNAGE AND STRIPING PLAN			X	3.5.2021
02 - CIVIL	C6.04	SIGNAGE AND STRIPING PLAN			X	3.5.2021
02 - CIVIL	C6.05	SIGNAGE AND STRIPING PLAN			X	3.5.2021
02 - CIVIL	C6.06	SIGNAGE AND STRIPING PLAN			X	3.5.2021
02 - CIVIL	C6.07	SIGNAGE AND STRIPING PLAN			X	3.5.2021
02 - CIVIL	C6.08	SIGNAGE AND STRIPING PLAN			X	3.5.2021
02 - CIVIL	C6.09	SIGNAGE AND STRIPING PLAN			X	3.5.2021
02 - CIVIL	C6.10	SIGNAGE AND STRIPING PLAN			X	3.5.2021
02 - CIVIL	C6.11	SIGNAGE AND STRIPING PLAN			X	3.5.2021
02 - CIVIL	C7.01	OVERALL GRADING PLAN			X	3.5.2021
02 - CIVIL	C7.02	GRADING PLAN			X	3.5.2021
02 - CIVIL	C7.03	GRADING PLAN			X	3.5.2021
02 - CIVIL	C7.04	GRADING PLAN			X	3.5.2021
02 - CIVIL	C7.05	GRADING PLAN			X	3.5.2021
02 - CIVIL	C7.06	GRADING PLAN			X	3.5.2021
02 - CIVIL	C7.07	GRADING PLAN			X	3.5.2021
02 - CIVIL	C7.08	GRADING PLAN			X	3.5.2021
02 - CIVIL	C7.09	GRADING PLAN			X	3.5.2021
02 - CIVIL	C7.10	GRADING PLAN			X	3.5.2021
02 - CIVIL	C7.11	GRADING PLAN			X	3.5.2021
02 - CIVIL	C8.01	OVERALL STORM SEWER PLAN			X	3.5.2021
02 - CIVIL	C8.02	STORM SEWER PLAN AND PROFILE			X	3.5.2021
02 - CIVIL	C8.03	STORM SEWER PLAN AND PROFILE			X	3.5.2021
02 - CIVIL	C8.04	STORM SEWER PLAN AND PROFILE			X	3.5.2021
02 - CIVIL	C8.05	STORM SEWER PLAN AND PROFILE			X	3.5.2021
02 - CIVIL	C8.06	STORM SEWER PLAN AND PROFILE			X	3.5.2021
02 - CIVIL	C8.07	STORM SEWER PLAN AND PROFILE			X	3.5.2021
02 - CIVIL	C8.08	STORM SEWER PLAN AND PROFILE			X	3.5.2021
02 - CIVIL	C8.09	STORM SEWER PLAN AND PROFILE			X	3.5.2021
02 - CIVIL	C9.01	OVERALL UTILITY PLAN			X	3.5.2021
02 - CIVIL	C9.02	UTILITY PLAN			X	3.5.2021
02 - CIVIL	C9.03	UTILITY PLAN			X	3.5.2021
02 - CIVIL	C9.04	UTILITY PLAN			X	3.5.2021
02 - CIVIL	C9.05	UTILITY PLAN			X	3.5.2021
02 - CIVIL	C10.01	OVERALL SANITARY SEWER PLAN			X	3.5.2021
02 - CIVIL	C10.02	SANITARY SEWER PLAN AND PROFILE			X	3.5.2021
02 - CIVIL	C10.03	SANITARY SEWER PLAN AND PROFILE			X	3.5.2021
02 - CIVIL	C10.04	SANITARY SEWER PLAN AND PROFILE			X	3.5.2021
02 - CIVIL	C11.01	SITE DETAILS			X	3.5.2021
02 - CIVIL	C11.02	SITE DETAILS			X	3.5.2021
02 - CIVIL	L1.00	OVERALL LANDSCAPE PLAN			X	3.5.2021
02 - CIVIL	L1.01	LANDSCAPE PLAN			X	3.5.2021
02 - CIVIL	L1.02	LANDSCAPE PLAN			X	3.5.2021
02 - CIVIL	L1.03	LANDSCAPE PLAN			X	3.5.2021
02 - CIVIL	L1.04	LANDSCAPE PLAN			X	3.5.2021
02 - CIVIL	L1.10	LANDSCAPE NOTES			X	3.5.2021
02 - CIVIL	L1.20	LANDSCAPE DETAILS			X	3.5.2021
02 - CIVIL	SL1.01	SITE LIGHTING PLAN			X	3.5.2021
02 - CIVIL	SL1.02	SITE LIGHTING PLAN			X	3.5.2021
02 - CIVIL	SL1.03	SITE LIGHTING PLAN			X	3.5.2021
02 - CIVIL	SL1.04	SITE LIGHTING PLAN			X	3.5.2021
02 - CIVIL	SL2.01	ELECTRICAL DETAILS AND SCHEDULES			X	3.5.2021
73						
04 - ARCHITECTURAL						
04 - ARCHITECTURAL	AG-101	ACCESSIBILITY NOTES AND DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-001	OVERALL SITE PLAN			X	3.5.2021
04 - ARCHITECTURAL	A-002	ENLARGED SITE DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-003	SMOKER'S SHELTER PLAN, ELEVATIONS, AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	GH-100	PRIMARY GUARD HOUSE SITE PLAN AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	GH-101	PRIMARY GUARD HOUSE PLANS AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	GH-102	PRIMARY GUARD HOUSE ELEV. GRAPHICS AND SCHEDULES			X	3.5.2021
04 - ARCHITECTURAL	GH-103	PRIMARY GUARD HOUSE SECTIONS & DETAILS			X	3.5.2021
04 - ARCHITECTURAL	GH-104	SECONDARY GUARD HOUSE SITE PLAN AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	GH-105	SECONDARY GUARD HOUSE PLANS AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	GH-106	SECONDARY GUARD HOUSE ELEVATIONS, GRAPHICS & SCHEDULES			X	3.5.2021
04 - ARCHITECTURAL	GH-107	SECONDARY GUARD HOUSE SECTIONS			X	3.5.2021
04 - ARCHITECTURAL	GH-108	GUARDHOUSE ROOF DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-110	OVERALL BUILDING PLAN		R	X	3.5.2021
04 - ARCHITECTURAL	A-111	PARTIAL BUILDING PLAN			X	3.5.2021
04 - ARCHITECTURAL	A-112	PARTIAL BUILDING PLAN			X	3.5.2021
04 - ARCHITECTURAL	A-113	PARTIAL BUILDING PLAN			X	3.5.2021
04 - ARCHITECTURAL	A-114	PARTIAL BUILDING PLAN			X	3.5.2021
04 - ARCHITECTURAL	A-130A	OVERALL MAIN OFFICE FLOOR PLAN - FOR REFERENCE ONLY			X	3.5.2021
04 - ARCHITECTURAL	A-130	OVERALL MAIN OFFICE FLOOR PLAN AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	A-131	ENLARGED FLOOR PLANS			X	3.5.2021
04 - ARCHITECTURAL	A-132	ENLARGED TOILET ROOM PLANS AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	A-133	ENLARGED PLANS			X	3.5.2021
04 - ARCHITECTURAL	A-134	PLAN ENLARGEMENTS			X	3.5.2021
04 - ARCHITECTURAL	A-141	ENLARGED MAIN ENTRY CANOPY DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-142	ENLARGED OFFICE CORNER DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-150	PARTITION SCHEDULE			X	3.5.2021
04 - ARCHITECTURAL	A-151	PARTITION DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-152	CONSTRUCTION DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-153	CONSTRUCTION DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-154	PIT CHARGING PLANS AND DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-170	OVERALL REFLECTED CEILING PLAN AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	A-171	ENLARGED REFLECTED CEILING PLANS			X	3.5.2021
04 - ARCHITECTURAL	A-180	INTERIOR ROOM FINISH SCHEDULE			X	3.5.2021
04 - ARCHITECTURAL	A-181	ENLARGED FINISH FLOOR PLAN			X	3.5.2021
04 - ARCHITECTURAL	A-182	ENLARGED FINISH FLOOR PLAN			X	3.5.2021
04 - ARCHITECTURAL	A-190	TOILET ROOM ELEVATIONS			X	3.5.2021
04 - ARCHITECTURAL	A-191	INTERIOR ELEVATIONS			X	3.5.2021
04 - ARCHITECTURAL	A-192	PLAN ENLARGEMENT AND INTERIOR DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-193	INTERIOR SECTIONS, DETAILS, AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	A-201	BUILDING ELEVATIONS AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	A-202	BUILDING ELEVATIONS AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	A-203	BUILDING ELEVATIONS AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	A-204	BUILDING ELEVATIONS AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	A-205	PAINT COLOR SCHEME AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	A-300	OVERALL ROOF PLAN			X	3.5.2021
04 - ARCHITECTURAL	A-301	PARTIAL ENLARGED ROOF PLAN AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	A-302	PARTIAL ENLARGED ROOF PLAN AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	A-303	ENLARGED ROOF PLANS			X	3.5.2021
04 - ARCHITECTURAL	A-304	ROOF DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-305	ROOF DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-306	ROOF DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-307	ROOF DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-400	DOOR SCHEDULE AND NOTES			X	3.5.2021
04 - ARCHITECTURAL	A-401	DOOR AND WINDOW ELEVATIONS			X	3.5.2021
04 - ARCHITECTURAL	A-402	CONSTRUCTION DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-403	CONSTRUCTION DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-404	CONSTRUCTION DETAILS			X	3.5.2021
04 - ARCHITECTURAL	A-405	EXTERIOR DOOR HARDWARE SCHEDULE			X	3.5.2021
04 - ARCHITECTURAL	A-406	EXTERIOR DOOR HARDWARE SCHEDULE			X	3.5.2021
04 - ARCHITECTURAL	A-407	EXTERIOR DOOR HARDWARE SCHEDULE			X	3.5.2021
04 - ARCHITECTURAL	A-408	INTERIOR DOOR HARDWARE SCHEDULE			X	3.5.2021
04 - ARCHITECTURAL	A-409	INTERIOR DOOR HARDWARE SCHEDULE			X	3.5.2021
04 - ARCHITECTURAL	A-500	BUILDING CROSS SECTION			X	3.5.2021
04 - ARCHITECTURAL	A-501	WALL SECTIONS			X	3.5.2021
04 - ARCHITECTURAL	A-502	WALL SECTIONS AND ELEVATION			X	3.5.2021
04 - ARCHITECTURAL	A-503	WALL SECTIONS AND ELEVATION			X	3.5.2021
04 - ARCHITECTURAL	A-504	WALL SECTION AT SMOKER'S CANOPY			X	3.5.2021
04 - ARCHITECTURAL	A-505	WALL SECTIONS AND ELEVATION			X	3.5.2021
04 - ARCHITECTURAL	A-601	ENLARGED STAIR PLANS AND SECTIONS			X	3.5.2021
04 - ARCHITECTURAL	A-602	ENLARGED EXTERIOR STAIR PLANS			X	3.5.2021
04 - ARCHITECTURAL	A-603	ENLARGED STAIR DETAILS			X	3.5.2021
04 - ARCHITECTURAL	BG-100	BUILDING SIGNAGE PLAN			X	3.5.2021
04 - ARCHITECTURAL	BG-101	MAIN OFFICE AND ROOF ACCESS STAIR SIGNAGE PLANS			X	3.5.2021
04 - ARCHITECTURAL	BG-102	ENLARGED SIGNAGE PLANS			X	3.5.2021
04 - ARCHITECTURAL	BG-103	EXTERIOR SIGNS, ELEVATIONS & DETAILS			X	3.5.2021
04 - ARCHITECTURAL	BG-104	SIGNAGE AND GRAPHICS DETAILS			X	3.5.2021
04 - ARCHITECTURAL	BG-105	SIGNAGE AND GRAPHICS DETAILS			X	3.5.2021
04 - ARCHITECTURAL	BG-106	DOOR SIGN DETAILS AND ELEVATIONS			X	3.5.2021
79						
06 - STRUCTURAL						
06 - STRUCTURAL	S-0.01	STRUCTURAL NOTES AND TABLES	*	X		3.5.2021
06 - STRUCTURAL	S-0.02	LOADING PLANS	*	X		3.5.2021
06 - STRUCTURAL	S-0.03	WIND AND SEISMIC LOADS AND DECK PLANS	*	X		3.5.2021
06 - STRUCTURAL	S-0.04	JOIST, GIRDER AND DECK SCHEDULES AND DIAGRAMS	*	X		3.5.2021
06 - STRUCTURAL	F-1.00	OVERALL FOUNDATION PLAN		X		3.5.2021
06 - STRUCTURAL	F-1.01	PARTIAL FOUNDATION PLAN		X		3.5.2021
06 - STRUCTURAL	F-1.02	PARTIAL FOUNDATION PLAN		X		3.5.2021
06 - STRUCTURAL	F-1.03	UNLOADER FOUNDATION PLAN AND SECTIONS		X		3.5.2021
06 - STRUCTURAL	F-2.01	FOUNDATION SECTIONS		X		3.5.2021
06 - STRUCTURAL	F-2.02	FOUNDATION SECTIONS		X		3.5.2021
06 - STRUCTURAL	S-1.00	OVERALL ROOF FRAMING PLAN	*	X		3.5.2021
06 - STRUCTURAL	S-1.01	PARTIAL ROOF FRAMING PLAN	*	X		3.5.2021
06 - STRUCTURAL	S-1.02	PARTIAL ROOF FRAMING PLAN	*	X		3.5.2021
06 - STRUCTURAL	S-1.03	PARTIAL FRAMING PLANS AND SECTIONS	*	X		3.5.2021
06 - STRUCTURAL	S-3.01	FRAMING ELEVATIONS, SECTIONS AND DETAILS	*	X		3.5.2021
06 - STRUCTURAL	S-4.01	ROOF FRAMING SECTIONS	*	X		3.5.2021
06 - STRUCTURAL	S-4.02	ROOF FRAMING SECTIONS	*	X		3.5.2021
06 - STRUCTURAL	GHS-1.01	GUARD HOUSE STRUCTURAL PLANS AND SECTIONS	*	X		3.5.2021
18						
07 - PLUMBING						
07 - PLUMBING	P-001	PLUMBING NOTES, SYMBOLS, AND LEGEND			X	3.5.2021
07 - PLUMBING	P-110	PLUMBING OVERALL FLOOR PLAN			X	3.5.2021
07 - PLUMBING	P-111	PLUMBING FLOOR PARTIAL PLAN - AREA A			X	3.5.2021
07 - PLUMBING	P-112	PLUMBING FLOOR PARTIAL PLAN - AREA B			X	3.5.2021
07 - PLUMBING	P-113	PLUMBING FLOOR PARTIAL PLAN - AREA C			X	3.5.2021
07 - PLUMBING	P-114	PLUMBING FLOOR PARTIAL PLAN - AREA D			X	3.5.2021
07 - PLUMBING	P-120	PLUMBING OVERALL ROOF PLAN			X	3.5.2021
07 - PLUMBING	P-121	PLUMBING ROOF PARTIAL PLAN - AREA A			X	3.5.2021
07 - PLUMBING	P-122	PLUMBING ROOF PARTIAL PLAN - AREA B			X	3.5.2021
07 - PLUMBING	P-123	PLUMBING ROOF PARTIAL PLAN - AREA C			X	3.5.2021
07 - PLUMBING	P-124	PLUMBING ROOF PARTIAL PLAN - AREA D			X	3.5.2021
07 - PLUMBING	P-201	PLUMBING WASTE PARTIAL PLANS			X	3.5.2021
07 - PLUMBING	P-202	PLUMBING WASTE PARTIAL PLANS			X	3.5.2021
07 - PLUMBING	P-203	PLUMBING WATER PARTIAL PLANS			X	3.5.2021
07 - PLUMBING	P-204	PLUMBING WATER PARTIAL PLANS			X	3.5.2021
07 - PLUMBING	P-301	PLUMBING WASTE & VENT SCHEMATICS			X	3.5.2021
07 - PLUMBING	P-302	PLUMBING WASTE & VENT SCHEMATICS			X	3.5.2021
07 - PLUMBING	P-303	PLUMBING WATER SCHEMATICS			X	3.5.2021
07 - PLUMBING	P-304	PLUMBING WATER SCHEMATICS			X	3.5.2021
07 - PLUMBING	P-305	PLUMBING WATER SCHEMATICS			X	3.5.2021
07 - PLUMBING	P-401	PLUMBING DETAILS			X	3.5.2021
07 - PLUMBING	P-402	PLUMBING DETAILS			X	3.5.2021
07 - PLUMBING	P-GH	PLUMBING GUARD HOUS PLANS			X	3.5.2021
23						
08 - MECHANICAL						
08 - MECHANICAL	M-101	HVAC SYMBOLS / LEGENDS			X	3.5.2021
08 - MECHANICAL	M-260	OVERALL HVAC PLAN			X	3.5.2021
08 - MECHANICAL	M-261	PARTIAL WAREHOUSE HVAC PLAN			X	3.5.2021
08 - MECHANICAL	M-262	PARTIAL WAREHOUSE HVAC PLAN			X	3.5.2021
08 - MECHANICAL	M-263	ENLARGED MAIN OFFICE HVAC PLANS			X	3.5.2021
08 - MECHANICAL	M-264	ENLARGED HVAC PLANS			X	3.5.2021
08 - MECHANICAL	M-361	HVAC SCHEDULES			X	3.5.2021
08 - MECHANICAL	M-362	HVAC SCHEDULES			X	3.5.2021
08 - MECHANICAL	M-363	HVAC SCHEDULES			X	3.5.2021
08 - MECHANICAL	M-364	HVAC VENTILATION / ENERGY CALCULATIONS			X	3.5.2021
08 - MECHANICAL	M-461	HVAC DETAILS			X	3.5.2021
08 - MECHANICAL	M-462	HVAC DETAILS			X	3.5.2021
08 - MECHANICAL	M-561	HVAC CONTROLS			X	3.5.2021
13						
09 - ELECTRICAL						
09 - ELECTRICAL	E-001	ELECTRICAL SYMBOLS AND NOTES			X	3.5.2021
09 - ELECTRICAL	E-002	GENERAL NOTES, POWER DETAILS			X	3.5.2021
09 - ELECTRICAL	E-003	POWER DETAILS			X	3.5.2021
09 - ELECTRICAL	E-004	SOLAR AND TRANSFORMER DETAILS			X	3.5.2021
09 - ELECTRICAL	E-005	POWER DETAILS			X	3.5.2021
09 - ELECTRICAL	E-006	TURNSTILE DETAILS			X	3.5.2021
09 - ELECTRICAL	E-007	LIGHTING SCHEDULES AND DETAILS			X	3.5.2021
09 - ELECTRICAL	E-008	AR DETAILS			X	3.5.2021
09 - ELECTRICAL	E-101	ELECTRICAL SITE PLAN			X	3.5.2021
09 - ELECTRICAL	E-102	TRUCK YARD EV DETAILS			X	3.5.2021
09 - ELECTRICAL	E-103	TRUCK YARD EV ONE-LINE AND DETAILS			X	3.5.2021
09 - ELECTRICAL	E-104	TRUCK YARD EV DETAILS			X	3.5.2021
09 - ELECTRICAL	E-110	OVERALL BUILDING POWER PLAN			X	3.5.2021
09 - ELECTRICAL	E-111	PARTIAL WAREHOUSE POWER PLAN - AREA A			X	3.5.2021
09 - ELECTRICAL	E-112	PARTIAL WAREHOUSE POWER PLAN - AREA B			X	3.5.2021
09 - ELECTRICAL	E-113	PARTIAL WAREHOUSE POWER PLAN - AREA C			X	3.5.2021
09 - ELECTRICAL	E-114	PARTIAL WAREHOUSE POWER PLAN - AREA D			X	3.5.2021
09 - ELECTRICAL	E-120	OVERALL HVAC POWER PLAN			X	3.5.2021
09 - ELECTRICAL	E-130	GUARD HOUSE PLAN AND DETAILS			X	3.5.2021
09 - ELECTRICAL	E-210	OVERALL LIGHTING PLAN - ROOF LEVEL			X	3.5.2021
09 - ELECTRICAL	E-310L	MAIN OFFICE ENLARGED LIGHTING PLAN			X	3.5.2021
09 - ELECTRICAL	E-311L	ENLARGED LIGHTING PLANS			X	3.5.2021
09 - ELECTRICAL	E-310P	ENLARGED POWER PLANS			X	3.5.2021
09 - ELECTRICAL	E-311P	ENLARGED POWER PLANS			X	3.5.2021
09 - ELECTRICAL	E-401	MSA ONE-LINE DIAGRAM			X	3.5.2021
09 - ELECTRICAL	E-402	MBB ONE-LINE DIAGRAM			X	3.5.2021
09 - ELECTRICAL	E-405	CALCULATIONS			X	3.5.2021
09 - ELECTRICAL	E-501	PANEL SCHEDULES			X	3.5.2021
09 - ELECTRICAL	E-502	PANEL SCHEDULES			X	3.5.2021
09 - ELECTRICAL	E-503	PANEL SCHEDULES			X	3.5.2021
09 - ELECTRICAL	E-504	PANEL SCHEDULES			X	3.5.2021
09 - ELECTRICAL	E-600	LIGHTING PROTECTION PRICING PLAN			X	3.5.2021
09 - ELECTRICAL	E-700	ENERGY CALCULATIONS			X	3.5.2021
33						
10 - FIRE PROTECTION						
10 - FIRE PROTECTION	FP001	FIRE PROTECTION NOTES			X	3.5.2021
10 - FIRE PROTECTION	FP101	FIRE PROTECTION SITE PLAN & DETAILS			X	3.5.2021
10 - FIRE PROTECTION	FP301	FIRE HOSE VALVE PLAN			X	3.5.2021
10 - FIRE PROTECTION	FP401	ENLARGED FIRE PUMP ROOM PLAN & NOTES			X	3.5.2021
10 - FIRE PROTECTION	FP501	FIRE PROTECTION DETAILS			X	3.5.2021
5						
11 - FIRE ALARM						
11 - FIRE ALARM	FA001	FIRE ALARM NOTES & DETAILS			X	3.5.2021
11 - FIRE ALARM	FA101	FIRE ALARM PLANS			X	3.5.2021
11 - FIRE ALARM	FA401	ENLARGED FIRE ALARM PLANS			X	3.5.2021

Discipline	SHEET	SHEET NAME	ISSUED FOR	2021.02.12 STRUCTURAL STEEL SET	2021.03.05 PERMIT SET	DATE
11 - FIRE ALARM	FA501	FIRE ALARM DETAILS			X	3.5.2021
4						
12 -SECURITY						
12 -SECURITY	AD0.00	COVER SHEET			X	3.5.2021
12 -SECURITY	AC1.00	ACCESS CONTROL AND INTRUSION DETECTION PLAN			X	3.5.2021
12 -SECURITY	AC1.01	ACCESS CONTROL AND INTRUSION DETECTION PLAN			X	3.5.2021
12 -SECURITY	AC1.02	ACCESS CONTROL AND INTRUSION DETECTION PLAN			X	3.5.2021
12 -SECURITY	AC1.03	ACCESS CONTROL AND INTRUSION DETECTION PLAN			X	3.5.2021
12 -SECURITY	AC1.04	ACCESS CONTROL AND INTRUSION DETECTION PLAN			X	3.5.2021
12 -SECURITY	AC1.05	ACCESS CONTROL AND INTRUSION DETECTION PLAN			X	3.5.2021
12 -SECURITY	AC1.10	VIDEO SURVEILLANCE PLAN			X	3.5.2021
12 -SECURITY	AC1.11	VIDEO SURVEILLANCE PLAN			X	3.5.2021
12 -SECURITY	AC1.12	VIDEO SURVEILLANCE PLAN			X	3.5.2021
12 -SECURITY	AC1.13	VIDEO SURVEILLANCE PLAN			X	3.5.2021
12 -SECURITY	AC1.14	VIDEO SURVEILLANCE PLAN			X	3.5.2021
12 -SECURITY	AC1.15	VIDEO SURVEILLANCE PLAN			X	3.5.2021
12 -SECURITY	AC4.00	OFFICE ENLARGED PLANS			X	3.5.2021
12 -SECURITY	AC4.01	OFFICE ENLARGED PLANS			X	3.5.2021
12 -SECURITY	AC4.02	OFFICE ENLARGED PLANS			X	3.5.2021
12 -SECURITY	AC4.03	OFFICE ENLARGED PLANS			X	3.5.2021
12 -SECURITY	AC4.04	GUARDHOUSE ENLARGED PLANS			X	3.5.2021
12 -SECURITY	AC5.00	SECURITY DETAILS			X	3.5.2021
12 -SECURITY	AC5.01	SECURITY DETAILS			X	3.5.2021
12 -SECURITY	AC5.02	SECURITY DETAILS			X	3.5.2021
12 -SECURITY	AC5.03	SECURITY DETAILS			X	3.5.2021
12 -SECURITY	AC5.04	SECURITY DETAILS			X	3.5.2021
12 -SECURITY	AC5.05	SECURITY DETAILS			X	3.5.2021
12 -SECURITY	AC5.06	SECURITY DETAILS			X	3.5.2021
12 -SECURITY	AC5.07	SECURITY DETAILS			X	3.5.2021
12 -SECURITY	AC6.00	SECURITY CAMERA SCHEDULE				
12 -SECURITY	AC6.01	SECURITY CAMERA SCHEDULE				
28						

NOTE: 'R' = FOR REFERENCE ONLY

3/3/2021 6:05:25 PM

RYAN

RYAN A+E, INC.
533 South Third Street, Suite 100
Minneapolis, MN 55415
612-492-4000 tel
612-492-3000 fax

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OWNER

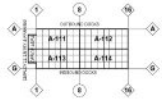
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE; I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moss

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DRAWN BY	CHECKED BY
MS	EM
JOB NO.	DATE
701088	3/5/2021

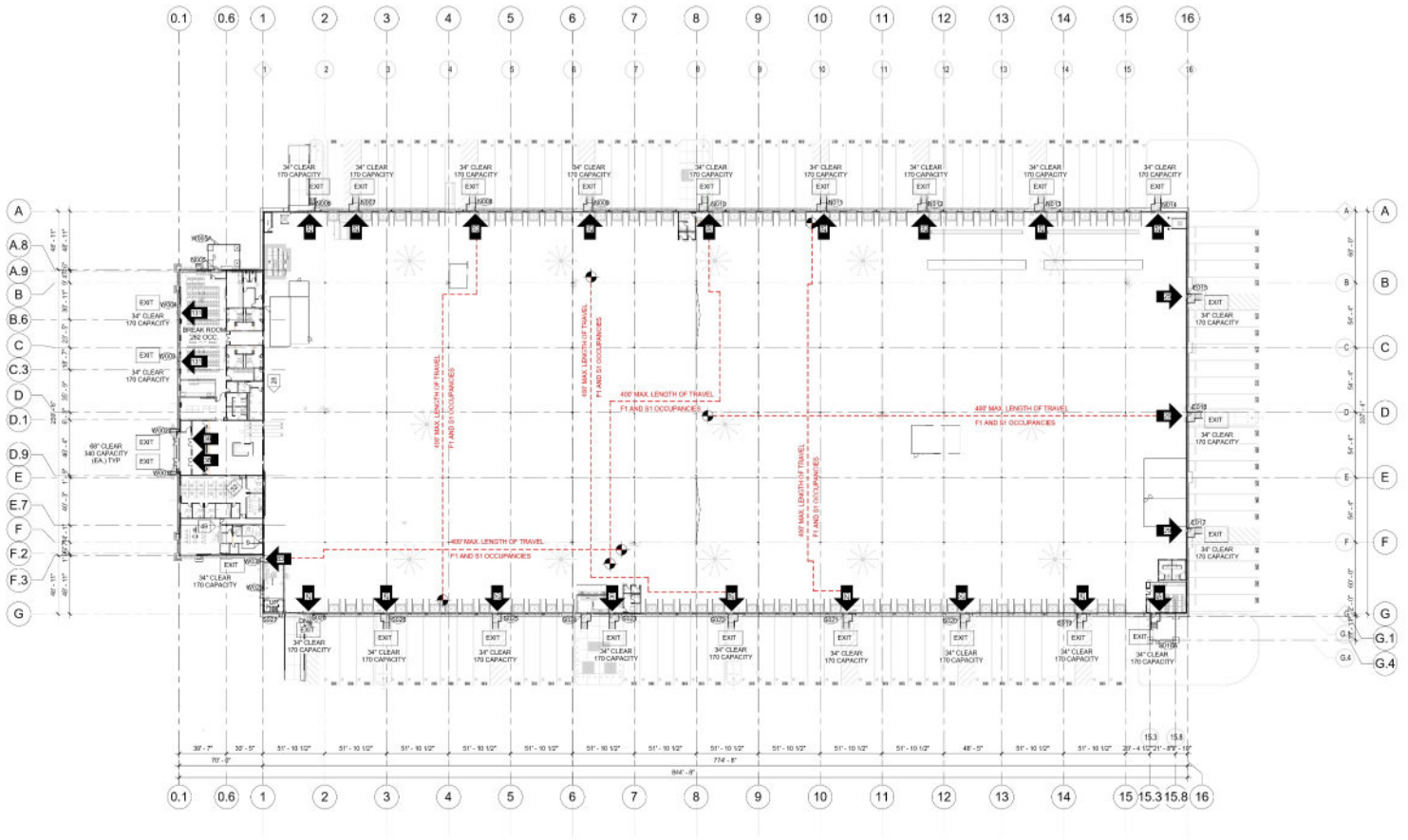
ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
A	2.12.2021	STRUCTURAL STEEL SET
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

LIST OF DRAWINGS

G-101



1 G-102 BUILDING EGRESS PLAN
1" = 40'-0"

EGRESS SYMBOL LEGEND

220	DIRECTION OF EGRESS OCCUPANT LOAD AT EXIT
X	NUMBER OF OCCUPANTS EXITING FROM SMALLER SPACE INTO LARGER SPACE
	PATH OF TRAVEL AND START PINT

MINIMUM REQUIRED EGRESS WIDTH:
-0.3 INCHES PER OCCUPANT FOR STAIRWAYS (SECTION 1005.3.1)
-0.2 INCHES PER OCCUPANT FOR OTHER EGRESS COMPONENTS (SECTION 1005.3.2)

RYAN

RYAN A+E, INC.
533 South Third Street, Suite 100
Minneapolis, MN 55415
612-492-4000 tel
612-492-3000 fax

WWW.RYANCOMPANIES.COM

OWNER

CONSULTANTS

IES Communications

Ramsey Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN

PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT ERIC M. MOES 07404 IOWA 3/3/21

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DRAWN BY	CHECKED BY
MS	EM
JOB NO.	DATE
701068	3/5/2021

ISSUE RECORD

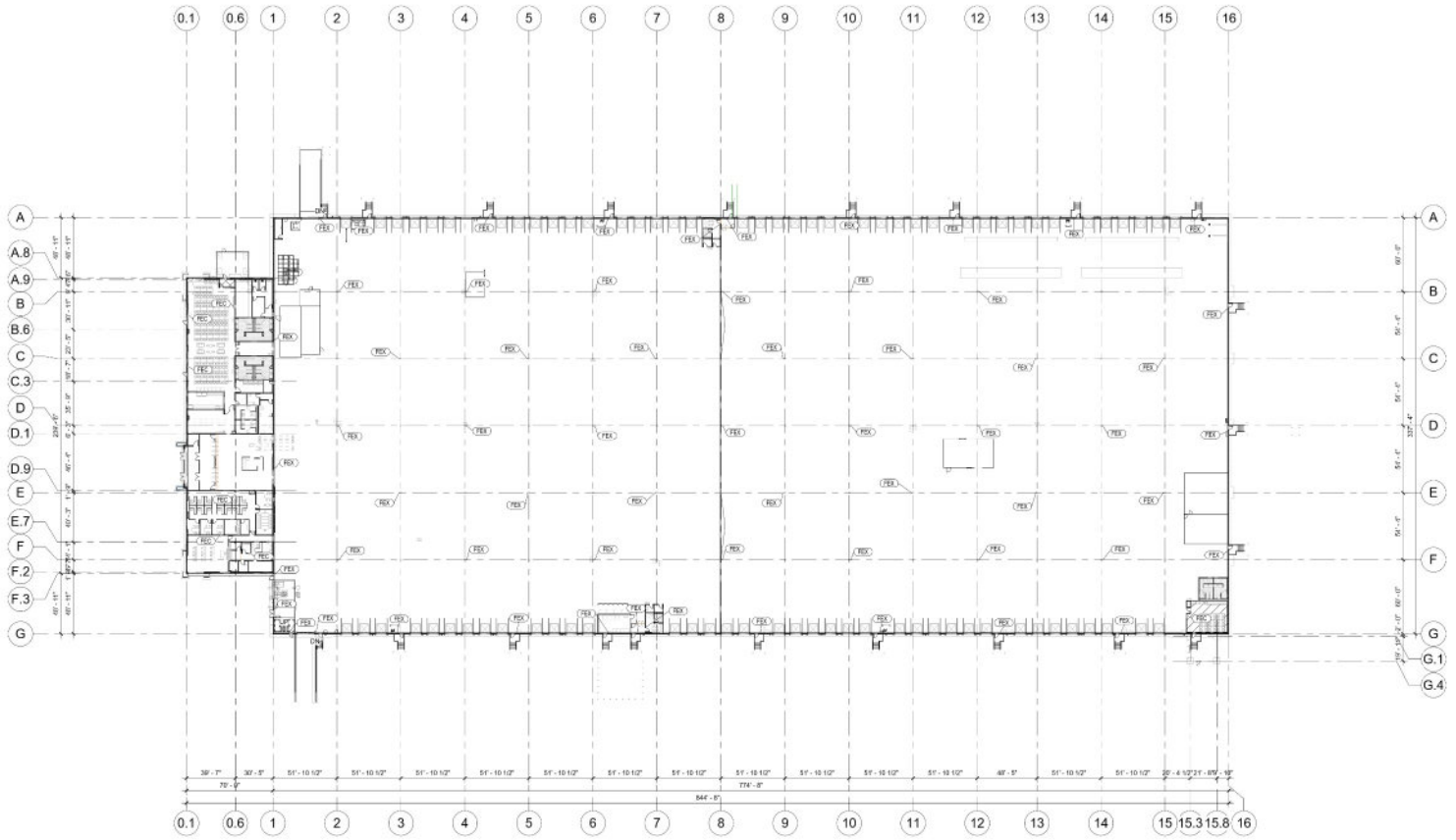
ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

LIFE SAFETY EGRESS PLAN

G-102

3/4/2021 4:33:28 AM



1 G-103 BUILDING FIRE EXTINGUISHER PLAN
1" = 40'-0"

FIRE EXTINGUISHER LEGEND	
FEX	NEW BRACKET MOUNTED MULTI-PURPOSE DRY CHEMICAL FIRE EXTINGUISHER WITH UL RATING. LARSEN'S MP10 '4A-80B-C' (OR EQUAL BY LOCAL CODE) TOTAL QUANTITY = +/- 58 UNITS (VERIFY WITH LOCAL FIRE MARSHAL)
FEC	NEW SEMI-RECESSED ALUMINUM FIRE EXTINGUISHER CABINET. LARSEN'S ARCHITECTURAL SERIES, VERTICAL DUO, MODEL 2409-6R WITH CLEAR ACRYLIC GLAZING, WHITE BAKED ENAMEL FINISH, AND MULTI-PURPOSE DRY CHEMICAL FIRE EXTINGUISHER WITH UL RATING. LARSEN'S MP10 '4A-80B-C' (OR EQUAL BY LOCAL CODE) TOTAL QUANTITY = +/- 7 UNITS (VERIFY WITH LOCAL FIRE MARSHAL)
NOTE: LOCATE FIRE EXTINGUISHERS TO SERVE A MAXIMUM FLOOR AREA OF 11,250 SF PER UNIT AND MAINTAIN 75'-0" MAX. TRAVEL DISTANCE TO FIRE EXTINGUISHERS (TYP)	

RYAN
RYAN A+E, INC.
533 South Third Street, Suite 100
Minneapolis, MN 55415
612-492-4000 tel
612-492-3000 fax

WWW.RYANCOMPANIES.COM

OWNER

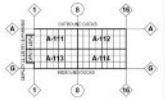
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

© 2019 RYAN A&E, INC.

DRAWN BY	CHECKED BY
MS	EM
JOB NO.	DATE
701068	3/5/2021

ISSUE RECORD		
ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

BUILDING FIRE EXTINGUISHER PLAN

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PROJECT BERON BUILDING ENVELOPE ENERGY CODE ANALYSIS

COMcheck Software Version 4.1.4.0

Envelope Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: Project Beron
Project Type: New Construction

Construction Site:
Council Bluffs, IA

Owner/Agent:

Designer/Contractor:
Matt Smith
Ryan Companies
533 South Third Street
Suite 100
Minneapolis, MN
218.556.6904

Building Location (for weather data): Council Bluffs, Iowa
Climate Zone: 5a
Vertical Glazing / Wall Area Pct.: 3%

Building Use: Activity Type(s) — **Floor Area**
1 Office : Nonresidential — 17349
2 Warehouse : Nonresidential — 201321

Section 2: Envelope Assemblies and Requirements Checklist

Envelope PASSES: Design 12% better than code.

Envelope Assemblies:

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Orientation: NORTH					
Office North Wall: Solid Concrete 12" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Office]	1568	—	13.0	0.065	0.090
Storefront Window: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.25, VT 0.35, [Bldg. Use 1 - Office] (b)	304	—	—	0.290	0.550
Warehouse North Wall: Solid Concrete 12" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Office]	32577	—	13.0	0.064	0.090
Storefront Windows: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.25, VT 0.36, [Bldg. Use 1 - Office] (b)	252	—	—	0.250	0.550
HM Doors: Insulated Metal, Swinging, [Bldg. Use 1 - Office]	210	—	—	0.353	0.700
Storefront Door: Glass (> 50% glazing) Metal Frame, Non Entrance Door, Perf. Type: Energy code default, Double Pane with Low-E, Tinted , SHGC 0.60, VT 0.56, [Bldg. Use 1 - Office]	21	—	—	0.800	0.550
Sectional Dock Doors: Insulated Metal, Non-Swinging, [Bldg. Use 1 - Office]	3400	—	—	0.070	0.500
Ceiling Service Door: Insulated Metal, Non-Swinging, [Bldg. Use 1 - Office]	224	—	—	0.070	0.500
Orientation: EAST					
Office East Wall: Solid Concrete 12" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Office]	4660	—	13.0	0.065	0.090
Storefront Windows: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.25, VT 0.35, [Bldg. Use 1 - Office] (b)	1473	—	—	0.250	0.550
Entrance Doors: Glass (> 50% glazing) Metal Frame, Entrance Door, Perf. Type: Energy code default, Double Pane with Low-E, Tinted , SHGC 0.60, VT 0.33, [Bldg. Use 1 - Office]	42	—	—	0.800	0.800
Non-Entrance Door: Glass (> 50% glazing) Metal Frame, Non-Entrance Door, Perf. Type: Energy code default, Double Pane with Low-E, Tinted , SHGC 0.60, VT 0.33, [Bldg. Use 1 - Office]	21	—	—	0.800	0.550
Warehouse East Wall: Solid Concrete 12" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Office]	9440	—	13.0	0.064	0.090
HM Doors: Insulated Metal, Swinging, [Bldg. Use 1 - Office]	63	—	—	0.350	0.700
Orientation: SOUTH					
Office South Wall: Solid Concrete 10" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Office]	1598	—	13.0	0.065	0.090
Storefront Window: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.25, VT 0.35, [Bldg. Use 1 - Office] (b)	200	—	—	0.290	0.550
Storefront Door: Glass (> 50% glazing) Metal Frame, Non-Entrance Door, Perf. Type: Energy code default, Double Pane with Low-E, Tinted , SHGC 0.60, VT 0.30, [Bldg. Use 1 - Office]	21	—	—	0.800	0.550
Warehouse South Wall: Solid Concrete 12" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Office]	35633	—	13.0	0.064	0.090
Storefront Window: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.25, VT 0.35, [Bldg. Use 1 - Office] (b)	90	—	—	0.290	0.550
HM Doors: Insulated Metal, Swinging, [Bldg. Use 1 - Office]	189	—	—	0.350	0.700
Sectional Dock Doors: Insulated Metal, Non-Swinging, [Bldg. Use 1 - Office]	861	—	—	0.070	0.500
Ceiling Service Door: Insulated Metal, Non-Swinging, [Bldg. Use 1 - Office]	224	—	—	0.070	0.500
Orientation: WEST					
Warehouse West Wall: Solid Concrete 12" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Office]	17896	—	13.0	0.064	0.090
HM Doors: Insulated Metal, Swinging, [Bldg. Use 1 - Office]	63	—	—	0.350	0.700
Orientation: UNSPECIFIED ORIENTATION					
Roof : Warehouse: Insulation Entirely Above Deck, [Bldg. Use 2 - Warehouse]	201321	—	30.0	0.032	0.048
Roof : Office: Insulation Entirely Above Deck, [Bldg. Use 1 - Office]	17349	—	30.0	0.032	0.048
Warehouse Slab on Grade: Slab-On-Grade:Unheated, Vertical 4 ft., [Bldg. Use 2 - Warehouse]	2304	—	10.0	—	—
Office Slab on Grade: Slab-On-Grade:Unheated, [Bldg. Use 1 - Office]	300	—	—	—	—

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.

Air Leakage, Component Certification, and Vapor Retarder Requirements:

- ☐ 1. All joints and penetrations are caulked, gasketed or covered with a moisture vapor-permeable wrapping material installed in accordance with the manufacturer's installation instructions.
- ☐ 2. Windows, doors, and skylights certified as meeting leakage requirements.
- ☐ 3. Component R-values & U-factors labeled as certified.
- ☐ 4. No roof insulation is installed on a suspended ceiling with removable ceiling panels.
- ☐ 5. 'Other' components have supporting documentation for proposed U-Factors.
- ☐ 6. Insulation installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.
- ☐ 7. Stair, elevator shaft vents, and other outdoor air intake and exhaust openings in the building envelope are equipped with motorized dampers.
- ☐ 8. Cargo doors and loading dock doors are weather sealed.
- ☐ 9. Recessed lighting fixtures installed in the building envelope are Type IC rated as meeting ASTM E283, are sealed with gasket or caulk.
- ☐ 10. Building entrance doors have a vestibule equipped with self-closing devices.
  Exceptions:
  - ☐ Building entrances with revolving doors.
  - ☐ Doors not intended to be used as a building entrance.
  - ☐ Doors that open directly from a space less than 3000 sq. ft. in area.
  - ☐ Doors used primarily to facilitate vehicular movement or materials handling and adjacent personnel doors.
  - ☐ Doors opening directly from a sleeping/dwelling unit.

Section 3: Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed envelope system has been designed to meet the 2009 IECC requirements in COMcheck Version 4.1.4.0 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title | Signature | Date

Project Title: Project Beron — Report date: 02/27/21 — Page 1 of 3

Project Title: Project Beron — Report date: 02/27/21 — Page 2 of 3

PRIMARY GUARDHOUSE BUILDING ENVELOPE ENERGY CODE ANALYSIS

COMcheck Software Version 4.1.4.0

Envelope Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: Project Beron
Project Type: New Construction

Construction Site:
Council Bluffs, IA

Owner/Agent:

Designer/Contractor:
Matt Smith
Ryan Companies
533 South Third Street
Suite 100
Minneapolis, MN
218.556.6904

Building Location (for weather data): Council Bluffs, Iowa
Climate Zone: 5a
Vertical Glazing / Wall Area Pct.: 9%

Building Use: Activity Type(s) — **Floor Area**
1-Guard houses serve as entry for trucking operations associated with main warehouse use. (Warehouse) : Nonresidential — 396

Section 2: Envelope Assemblies and Requirements Checklist

Envelope PASSES: Design 8% better than code.

Envelope Assemblies:

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Orientation: NORTH					
North Wall: Solid Concrete 8" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	305	—	6.0	0.122	0.090
Storefront Window: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.25, VT 0.35, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.] (b)	27	—	—	0.290	0.550
HM Doors: Insulated Metal, Swinging, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	42	—	—	0.350	0.700
Orientation: EAST					
East Wall: Solid Concrete,10" Tradoness,Medium Density , Furring: None, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	126	—	6.0	0.118	0.090
Storefront Window: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.25, VT 0.35, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.] (b)	24	—	—	0.290	0.550
Orientation: SOUTH					
South Wall: Solid Concrete 8" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	305	—	6.0	0.122	0.090
Storefront Window: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.25, VT 0.35, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.] (b)	27	—	—	0.290	0.550
HM Door: Insulated Metal, Swinging, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	21	—	—	0.350	0.700
Orientation: WEST					
West Wall: Solid Concrete 10" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	192	—	6.0	0.118	0.090
Orientation: UNSPECIFIED ORIENTATION					
Roof: Insulation Entirely Above Deck, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	260	—	30.0	0.032	0.048
Slab on Grade: Slab-On-Grade:Unheated, Vertical 3 ft., [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	72	—	10.0	—	—

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.

Air Leakage, Component Certification, and Vapor Retarder Requirements:

- ☐ 1. All joints and penetrations are caulked, gasketed or covered with a moisture vapor-permeable wrapping material installed in accordance with the manufacturer's installation instructions.
- ☐ 2. Windows, doors, and skylights certified as meeting leakage requirements.
- ☐ 3. Component R-values & U-factors labeled as certified.
- ☐ 4. No roof insulation is installed on a suspended ceiling with removable ceiling panels.
- ☐ 5. 'Other' components have supporting documentation for proposed U-Factors.
- ☐ 6. Insulation installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.
- ☐ 7. Stair, elevator shaft vents, and other outdoor air intake and exhaust openings in the building envelope are equipped with motorized dampers.
- ☐ 8. Cargo doors and loading dock doors are weather sealed.
- ☐ 9. Recessed lighting fixtures installed in the building envelope are Type IC rated as meeting ASTM E283, are sealed with gasket or caulk.
- ☐ 10. Building entrance doors have a vestibule equipped with self-closing devices.
  Exceptions:
  - ☐ Building entrances with revolving doors.
  - ☐ Doors not intended to be used as a building entrance.
  - ☐ Doors that open directly from a space less than 3000 sq. ft. in area.
  - ☐ Doors used primarily to facilitate vehicular movement or materials handling and adjacent personnel doors.
  - ☐ Doors opening directly from a sleeping/dwelling unit.

Section 3: Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed envelope system has been designed to meet the 2009 IECC requirements in COMcheck Version 4.1.4.0 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title | Signature | Date

Project Title: Project Beron — Report date: 02/27/21

SECONDARY GUARDHOUSE BUILDING ENVELOPE ENERGY CODE ANALYSIS

COMcheck Software Version 4.1.4.0

Envelope Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: Project Beron
Project Type: New Construction

Construction Site:
Council Bluffs, IA

Owner/Agent:

Designer/Contractor:
Matt Smith
Ryan Companies
533 South Third Street
Suite 100
Minneapolis, MN
218.556.6904

Building Location (for weather data): Council Bluffs, Iowa
Climate Zone: 5a
Vertical Glazing / Wall Area Pct.: 9%

Building Use: Activity Type(s) — **Floor Area**
1-Guard houses serve as entry for trucking operations associated with main warehouse use. (Warehouse) : Nonresidential — 144

Section 2: Envelope Assemblies and Requirements Checklist

Envelope PASSES: Design 4% better than code.

Envelope Assemblies:

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Orientation: NORTH					
North Wall: Solid Concrete 8" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	116	—	6.0	0.122	0.090
Storefront Window: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.25, VT 0.35, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.] (b)	28	—	—	0.290	0.550
Orientation: EAST					
East Wall: Solid Concrete 8" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	203	—	6.0	0.122	0.090
Orientation: SOUTH					
South Wall: Solid Concrete 8" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	106	—	6.0	0.122	0.090
HM Door: Insulated Metal, Swinging, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	21	—	—	0.350	0.700
Orientation: WEST					
West Wall: Solid Concrete 8" Thickness,Medium Density , Furring: None, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	203	—	6.0	0.122	0.090
HM Door: Insulated Metal, Swinging, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	21	—	—	0.350	0.700
Orientation: UNSPECIFIED ORIENTATION					
Roof: Insulation Entirely Above Deck, [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	144	—	30.0	0.032	0.048
Slab on Grade: Slab-On-Grade:Unheated, Vertical 3 ft., [Bldg. Use 1 - Guard houses serve as entry for trucking operations associated with main warehouse use.]	50	—	10.0	—	—

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.

Air Leakage, Component Certification, and Vapor Retarder Requirements:

- ☐ 1. All joints and penetrations are caulked, gasketed or covered with a moisture vapor-permeable wrapping material installed in accordance with the manufacturer's installation instructions.
- ☐ 2. Windows, doors, and skylights certified as meeting leakage requirements.
- ☐ 3. Component R-values & U-factors labeled as certified.
- ☐ 4. No roof insulation is installed on a suspended ceiling with removable ceiling panels.
- ☐ 5. 'Other' components have supporting documentation for proposed U-Factors.
- ☐ 6. Insulation installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.
- ☐ 7. Stair, elevator shaft vents, and other outdoor air intake and exhaust openings in the building envelope are equipped with motorized dampers.
- ☐ 8. Cargo doors and loading dock doors are weather sealed.
- ☐ 9. Recessed lighting fixtures installed in the building envelope are Type IC rated as meeting ASTM E283, are sealed with gasket or caulk.
- ☐ 10. Building entrance doors have a vestibule equipped with self-closing devices.
  Exceptions:
  - ☐ Building entrances with revolving doors.
  - ☐ Doors not intended to be used as a building entrance.
  - ☐ Doors that open directly from a space less than 3000 sq. ft. in area.
  - ☐ Doors used primarily to facilitate vehicular movement or materials handling and adjacent personnel doors.
  - ☐ Doors opening directly from a sleeping/dwelling unit.

Section 3: Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed envelope system has been designed to meet the 2009 IECC requirements in COMcheck Version 4.1.4.0 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title | Signature | Date

Project Title: Project Beron — Report date: 02/27/21

RYAN A+E, INC.
533 South Third Street, Suite 100
Minneapolis, MN 55415
612-492-4000 tel
612-492-3000 fax

WWW.RYANCOMPANIES.COM

OWNER

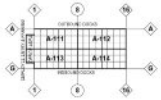
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mots

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DRAWN BY	CHECKED BY
MS	EM

JOB NO.	DATE
701068	3/5/2021

ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

ENERGY CODE

G-104

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ICC/ANSI A117.1 GENERAL NOTES

GENERAL ACCESSIBILITY NOTES

1. ALL INDICATED DIMENSIONS ARE CLEAR/FINISH VALUES.
2. REFERENCED STANDARD IS 2015 INTERNATIONAL CODE COUNCIL (ICC) / AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) NUMBER A117.1 - "ACCESSIBLE AND USABLE BUILDING AND FACILITIES SPECIFICATIONS" REFER TO ICC/ANSI A117.1-2017.
3. INDICATED NOTES AND DIAGRAMS ILLUSTRATE COMMON CONDITIONS ADDRESSED WITHIN THE REFERENCE STANDARD ICC/ANSI A117.1-2017. GENERAL CONTRACTOR SHOULD REFERENCE THE COMPLETE "ACCESSIBLE AND USABLE BUILDING AND FACILITIES SPECIFICATIONS A117.1" STANDARDS FOR CONDITIONS NOT DESCRIBED WITHIN THESE NOTES.

PROTRUDING OBJECTS

PROTRUDING OBJECTS ON CIRCULATION PATHS SHALL COMPLY WITH ICC/ANSI A117.1-17 SECTION 307.

OPERABLE PARTS

OPERABLE PARTS ON ACCESSIBLE ELEMENTS, ACCESSIBLE ROUTES, AND IN ACCESSIBLE ROOMS AND SPACES SHALL COMPLY WITH ICC/ANSI A117.1-17 SECTIONS 309 AND 404.2.6.

ACCESSIBLE ROUTES

ACCESSIBLE ROUTES SHALL COMPLY WITH ICC/ANSI A117.1-17 SECTION 304 AND CHAPTER 4.

PARKING SPACES

WHERE PARKING SPACES ARE PROVIDED, PARKING SPACES SHALL BE PROVIDED IN ACCORDANCE WITH ICC/ANSI A117.1-17 SECTIONS 406 AND 502.

PASSANGER LOADING ZONES and BUS STOPS

WHERE PROVIDED, PASSENGER LOADING ZONES SHALL COMPLY WITH ICC/ANSI A117.1-17 SECTIONS 503 AND 805.

STAIRWAYS

WHERE PROVIDED, INTERIOR AND EXTERIOR STAIRS THAT ARE PART OF MEANS OF EGRESS SHALL COMPLY WITH ICC/ANSI A117.1-17 SECTIONS 504 AND 505.

DRINKING FOUNTAINS

WHERE DRINKING FOUTAINS ARE PROVIDED AT AN EXTERIOR SITE, ONA FLOOR, OR WITHIN A SECURE AREA THEY SHALL BE PROVIDED IN ACCORDANCE WITH ICC/ANSI A117.10-17 SECTIONS 305, 306 AND 602.

KITCHENS, KITCHENETTES and SINKS

WHERE PROVIDED, KITCHENS, KITCHENETTES, AND SINKS SHALL COMPLY WITH ICC/ANSI A117.1-17 SECTIONS 308, 606, AND 804.

TOILETS FACILITIES and PLUMBING ELEMENTS

WHERE TOILET FACILITIES ARE PROVIDED, THEY SHALL COMPLY WITH ICC/ANSI A117.1-17 SECTION 304, 305, AND CHAPTER 6.

SIGNS

SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH ICC/ANSI A117.1-17 SECTION 703.

ASSEMBLY AREAS

ASSEMBLY AREAS SHALL PROVIDE WHEELCHAIR SPACES, COMPANION SEATS, AND DESIGNATED AISLE SEATS COMPLYING WITH ICC/ANSI A117.1-17 SECTIONS 803 AND 903.

DRESSING, FITTING, and LOCKER ROOMS

WHERE DRESSING, FITTING, AND LOCKER ROOMS ARE PROVIDED, AT LEAST 5 PRECENT, BUT NO FEWER THAN ONE, OF EACH TYPE OF USE IN EACH CLUSTER PROVIDED SHALL COMPLY WITH ICC/ANSI A117.1-17 SECTIONS 803 AND 903.

STORAGE

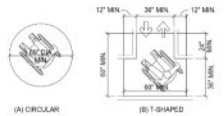
WHERE STORAGE IS PROVIDED IN ACCESSIBLE SPACES, AT LEAST ON OF EACH TYPE SHALL COMPLY WITH ICC/ANSI A117.1-17 SECTIONS 308 AND 909.

DINING SURFACES and WORK SURFACES

WHERE DINING SURFACES ARE PROVIDED FOR THE CONSUMPTION OF FOOD OR BRINK AT LEAST 5 PERCENT OF THE SEATING SPACES AND STANDING SPACES AT THE DINING SURFACES SHALL COMPLY WITH ICC ANSI A117.1-17 SECTIONS 305 AND 902. IN ADDITION, WHERE WORK SURFACES ARE PROVIDED FOR USE BY OTHER THAN EMPLOYEES, AT LEAST 5 PERCENT SHALL COMPLY WITH ICC/ANSI A117.1-17 SECTIONS 305 AND 902.

SALES and SERVICE

WHERE PROVIDED, CHECK-OUT AISLES, SALES COUNTERS, SERVICE COUNTERS, FOOD SERVICE LINES, QUEUES, AND WAITING LINES SHALL COMPLY WITH ICC/ANSI A117.1-17 SECTIONS 305, 453, AND 904.



A AG-101 TURNING SPACE 1/4" = 1'-0"

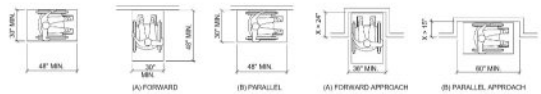


FIGURE 305.3 SIZE OF CLEAR FLOOR SPACE

FIGURE 305.5 POSITION OF CLEAR FLOOR SPACE

FIGURE 305.7 MANEUVERING CLEARANCE IN AN ALCOVE

B AG-101 CLEAR FLOOR SPACE 1/4" = 1'-0"

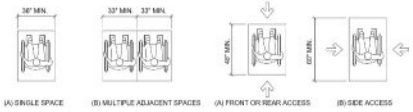


FIGURE 802.3 WIDTH OF WHEELCHAIR SPACE IN ASSEMBLY AREAS

FIGURE 802.4 DEPTH OF WHEELCHAIR SPACE IN ASSEMBLY AREAS

C AG-101 ASSEMBLY AREAS 1/4" = 1'-0"

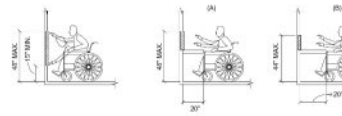


FIGURE 308.2.1 UNOBSTRUCTED FORWARD REACH

FIGURE 308.2.2 UNOBSTRUCTED HIGH FORWARD REACH

FIGURE 308.3.1 UNOBSTRUCTED SIDE REACH

FIGURE 308.3.2 UNOBSTRUCTED HIGH SIDE REACH

D AG-101 REACH RANGES 1/4" = 1'-0"

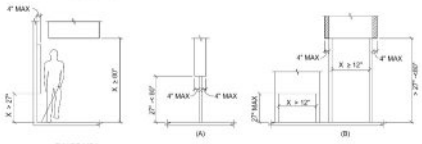


FIGURE 307.2 LIMITS OF PROTRUDING OBJECTS

FIGURE 307.3 POST-MOUNTED PROTRUDING OBJECTS

E AG-101 PROTRUDING OBJECTS 1/4" = 1'-0"



FIGURE 303.2 CARPET ON FLOOR SURFACES

FIGURE 303.3 BEVELED CHANGES IN LEVEL

F AG-101 CHANGES IN LEVEL 1/2" = 1'-0"

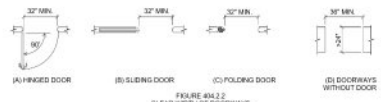


FIGURE 404.2.2 CLEAR WIDTH OF DOORWAYS

G AG-101 DOORS AND DOORWAYS 1/4" = 1'-0"

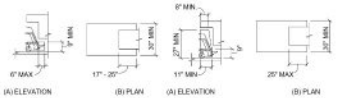


FIGURE 306.2 TOE CLEARANCE

FIGURE 306.3 KNEE CLEARANCE

H AG-101 KNEE AND TOE CLEARANCE 1/4" = 1'-0"

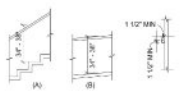


FIGURE 505.4 HANDRAIL HEIGHT

FIGURE 505.5 HANDRAIL CLEARANCE

J AG-101 HANDRAILS 1/4" = 1'-0"

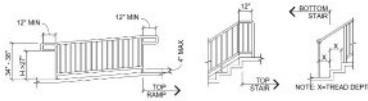


FIGURE 505.10.1 TOP AND BOTTOM HANDRAIL EXTENSIONS AT RAMPS

FIGURE 505.10.2 TOP HANDRAIL EXTENSIONS AT STAIRS

FIGURE 505.10.3 BOTTOM HANDRAIL EXTENSIONS AT STAIRS

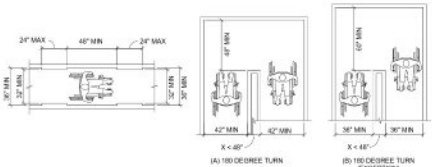


FIGURE 403.5 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

FIGURE 403.5.1 CLEAR WIDTH AT 180 DEGREE TURN

K AG-101 WALKING SURFACES 1/4" = 1'-0"

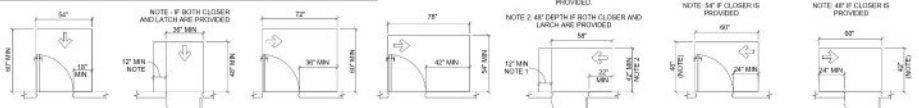


FIGURE 404.2.3.2 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS



FIGURE 404.2.3.3 MANEUVERING CLEARANCES AT SLIDING AND FOLDING DOORS

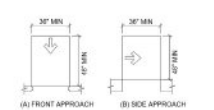


FIGURE 404.2.3.4 MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS

L AG-101 DOORS AND DOORWAYS 1/4" = 1'-0"

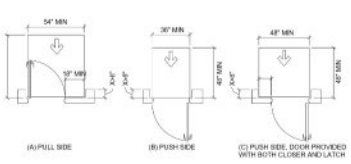


FIGURE 404.2.3.5 MANEUVERING CLEARANCE AT RECESSED DOORS

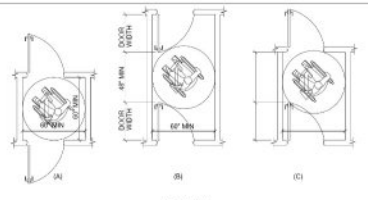


FIGURE 404.2.5 TWO DOORS IN SERIES

M AG-101 DOORS AND DOORWAYS 1/4" = 1'-0"

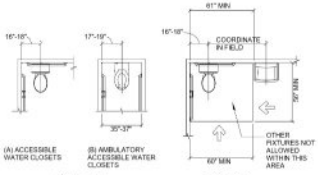


FIGURE 604.2 WATER CLOSET LOCATION

FIGURE 604.3 SIZE OF CLEARANCE FOR WATER CLOSET

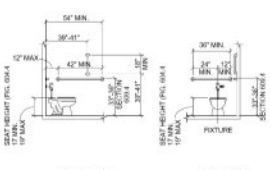


FIGURE 604.5.1 SIDE WALL GRAB BAR FOR WATER CLOSET

FIGURE 604.5.2 REAR WALL GRAB BAR FOR WATER CLOSET

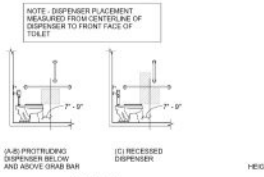


FIGURE 604.7 DISPENSER OUTLET LOCATION

N AG-101 DOORS AND DOORWAYS 1/4" = 1'-0"

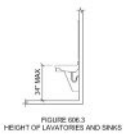


FIGURE 606.3 HEIGHT OF LAVATORIES AND SINKS

S AG-101 LAVATORIES AND SINKS 1/4" = 1'-0"

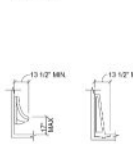
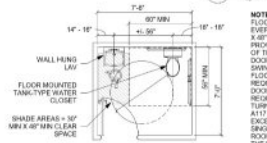
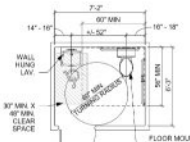


FIGURE 605.2 HEIGHT OF URINALS

P AG-101 DOORS AND DOORWAYS 1/4" = 1'-0"



MINIMUM CLEAR DIMENSIONAL REQUIREMENTS - INWARD DOOR SWING



MINIMUM CLEAR DIMENSIONAL REQUIREMENTS - OUTWARD DOOR SWING

D AG-101 ACCESSIBLE DOORS IN SERIES 1/4" = 1'-0"

NOTE = 30" X 48" OF CLEAR FLOOR SPACE IS REQUIRED IN EVERY RESTROOM. WHEN 30" X 48" CLEAR FLOOR SPACE IS PROVIDED BEYOND THE ARC OF THE DOOR SWING, THE DOOR IS PERMITTED TO SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE. DOOR MAY SWING INTO A REQUIRED WHEELCHAIR TURNING SPACE. PER ICC/ANSI A117.1-2009 SECTION 603.2.2, EXCEPTION #2 ALLOWS A SINGLE OCCUPANCY TOILET ROOM DOOR TO SWING INTO THE REQUIRED CLEAR FIXTURE FLOOR OR GROUND SPACE WHEN ANOTHER CLEAR FLOOR OR GROUND SPACE IS PROVIDED OUTSIDE THE RADIUS OF THE DOOR SWING.

T AG-101 URINALS 1/4" = 1'-0"

U AG-101 ACCESSIBLE TOILET ROOMS 1/4" = 1'-0"



BLACK PLASTIC (FIELD) BACKGROUND WITH WHITE EMBLEMS AND 5/8" MIN. TO 2" MAX. HIGH WHITE LETTERING (NOTE - EMBLEMS AND LETTERING MUST BE RAISED OR DEPRESSED MIN. 1/16" TYP)

PROVIDE (1) SIGN PER TOILET ROOM COMPLYING WITH ANSI A117.1, SECTION 604 & SECTION 703. SIGN TO HAVE RAISED AND BRAILLE CHARACTERS AND PICTORIAL SYMBOL OF ACCESSIBILITY.

V AG-101 TOILET ROOM SIGN DETAILS 3" = 1'-0"



BLACK PLASTIC (FIELD) BACKGROUND WITH WHITE EMBLEMS AND 2" HIGH WHITE LETTERING (NOTE - EMBLEMS AND LETTERING MUST BE RAISED OR DEPRESSED MIN. 1/16" TYP)

NOTE- OTHER ANSI A117.1 COMPLIANT EXIT SIGNS ARE ACCEPTABLE

PROVIDE (1) EXIT SIGN PER EGRESS DOOR COMPLYING WITH ANSI A117.1, SECTION 703. SIGN TO HAVE RAISED AND BRAILLE CHARACTERS.

W AG-101 EXIT SIGN DETAIL 3" = 1'-0"

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CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN

PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mohs

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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JOB NO.	**DATE**
701088	3/5/2021

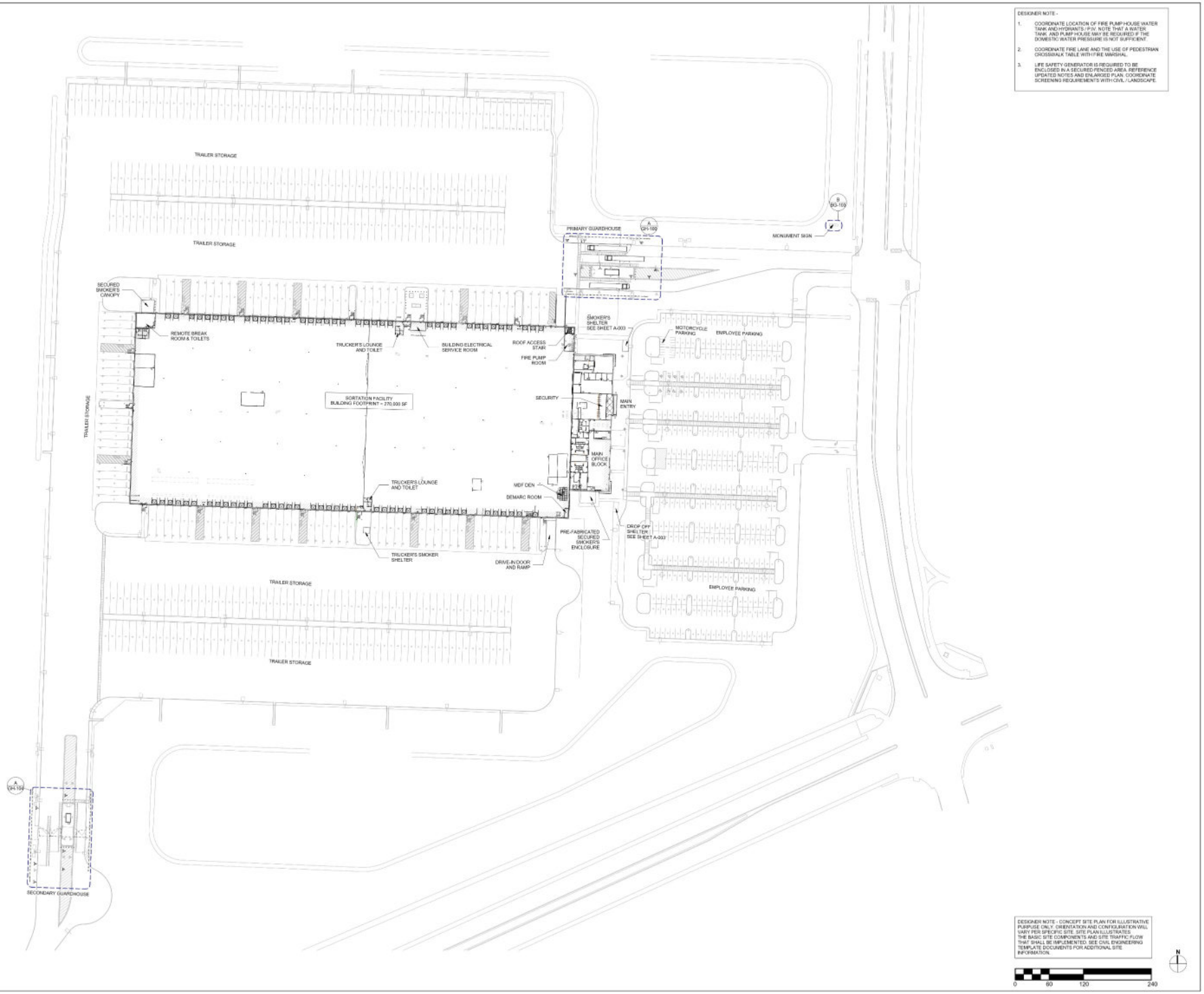
ISSUE RECORD

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B	3.5.2021	PERMIT SET

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3/5/2021

ACCESSIBILITY NOTES AND DETAILS

AG-101



DESIGNER NOTE -

1. COORDINATE LOCATION OF FIRE PUMP HOUSE WATER TANK AND HYDRANTS / P.IV. NOTE THAT A WATER TANK AND PUMP HOUSE MAY BE REQUIRED IF THE DOMESTIC WATER PRESSURE IS NOT SUFFICIENT.
2. COORDINATE FIRE LANE AND THE USE OF PEDESTRIAN CROSSWALK TABLE WITH FIRE MARSHAL.
3. LIFE SAFETY GENERATOR IS REQUIRED TO BE ENCLOSED IN A SECURED FENCED AREA. REFERENCE UPDATED NOTES AND ENLARGED PLAN. COORDINATE SCREENING REQUIREMENTS WITH CIVIL / LANDSCAPE.

DESIGNER NOTE - CONCEPT SITE PLAN FOR ILLUSTRATIVE PURPOSE ONLY. ORIENTATION AND CONFIGURATION WILL VARY PER SPECIFIC SITE. SITE PLAN ILLUSTRATES THE BASIC SITE COMPONENTS AND SITE TRAFFIC FLOW THAT SHALL BE IMPLEMENTED. SEE CIVIL ENGINEERING TEMPLATE DOCUMENTS FOR ADDITIONAL SITE INFORMATION.

0 60 120 240

N

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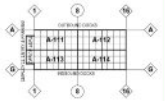
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



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PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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JOB NO.	DATE
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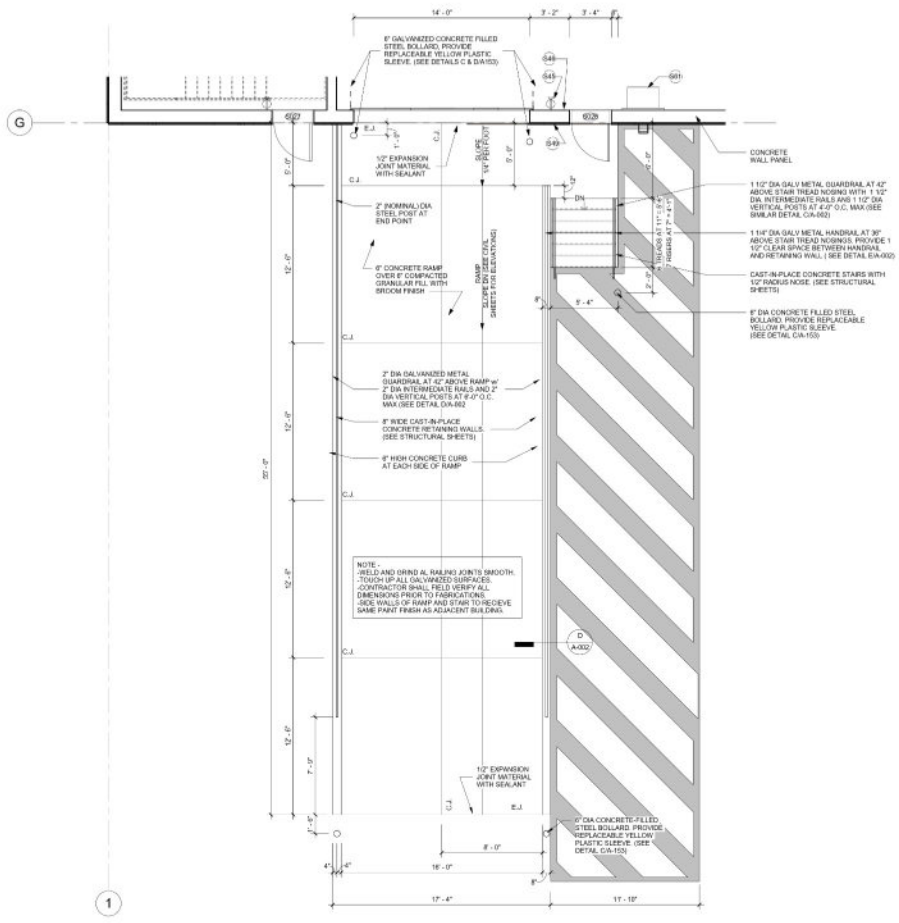
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3/5/2021

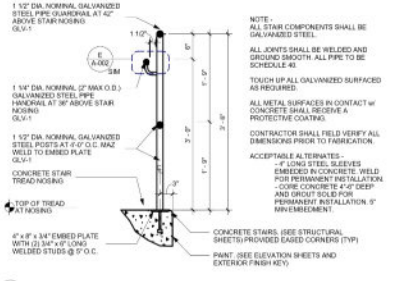
OVERALL SITE PLAN

A-001

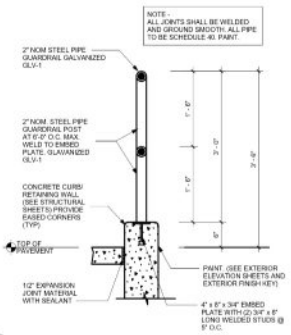
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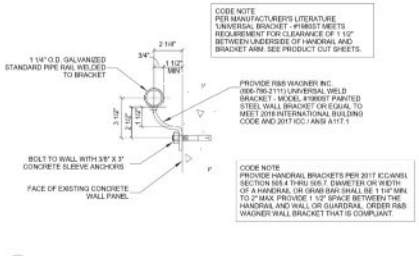
A A-002 ENLARGED DRIVE-THRU RAMP - SOUTHWEST (NORTHWEST = OPPOSITE)
1/4" = 1'-0"



C A-002 GUARDRAIL DETAIL - CONCRETE STAIR
1" = 1'-0"



D A-002 RAMP GUARDRAIL DETAIL
1" = 1'-0"



E A-002 HANDRAIL DETAIL
3" = 1'-0"

CODE NOTE:

PROVIDE HANDRAIL BRACKETS PER 2017 ICC / ANSI A117.1

-LOADING REQUIREMENTS
50 LBS/FT UNIFORM LOAD (IBC 1607.8.1)
200 LBS CONCENTRATED LOAD (IBC 1607.8.1.1)

-TOP OF GRIPPING SURFACES OF HANDRAILS SHALL BE 34 INCHES MINIMUM AND 38 INCHES MAXIMUM VERTICALLY ABOVE STAIR NOSINGS, RAMP SURFACES AND WALKING SURFACES. (ICC/ANSI 505.4)

-CLEARANCE BETWEEN HANDRAIL GRIPPING SURFACE AND ADJACENT SURFACES SHALL BE 1 1/2" MINIMUM. (ICC/ANSI 505.5)

-THE BOTTOM OF HANDRAIL GRIPPING SURFACES SHALL NOT BE OBSTRUCTED FOR MORE THAN 20% OF THEIR LENGTH. HORIZONTAL PROJECTIONS SHALL OCCUR 1 1/2" MINIMUM BELOW THE BOTTOM OF THE HANDRAIL GRIPPING SURFACE. (ICC/ANSI 505.6)

-HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/4" MINIMUM AND 2" MAXIMUM. (ICC/ANSI 505.7.1)

-AT THE TOP OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MINIMUM BEGINNING DIRECTLY ABOVE THE FIRST RISER NOSING. (ICC/ANSI 505.10.2)

-AT THE BOTTOM OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FLIGHT FOR A HORIZONTAL DISTANCE AT LEAST EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING. (ICC/ANSI 505.10.3)

SYMBOL LEGEND

	SHELL BUILDING CODED NOTE TAG (SEE SHEET A-110 FOR SCHEDULE)
107	DOOR NUMBER TAG (SEE SHEET A-400 FOR DOOR SCHEDULE)
	DOOR/COMPACTOR/DOOR NUMBER TAG (SEE SHEET A-400 FOR DOOR SCHEDULE)
WT A-401	STOREFRONT SYSTEM TAG (SEE SHEET A-401 FOR UNIT ELEVATIONS)
X	GLAZING TAG (SEE SHEET A-401 FOR GLAZING SCHEDULE)
	MATERIAL / FINISH TAG (SEE SHEET A-201 & A-160 FOR MATERIAL FINISH KEY)
	BUILDING EXPANSION JOINT (SEE DETAIL A/A-404 AND STRUCTURAL SHEETS)
A	DOOR/COMPACTOR DOOR EQUIPMENT TAG (SEE SHEET A-400 FOR EQUIPMENT SCHEDULE)
	PARTITION TYPE (SEE SHEET A-100 FOR PARTITION SCHEDULE & DETAILS

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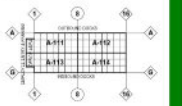
CONSULTANTS

IES Communications

Reamer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT
ERIC M. MOES
07494
IOWA
3/3/21

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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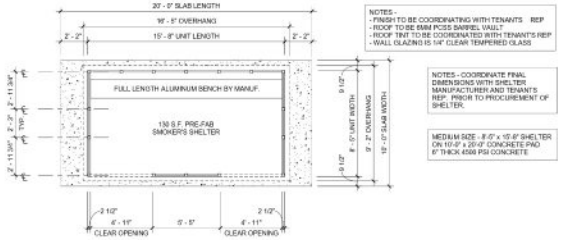
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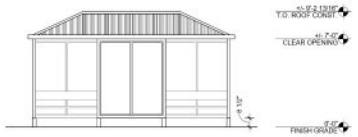
ENLARGED SITE DETAILS

A-002

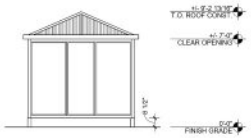
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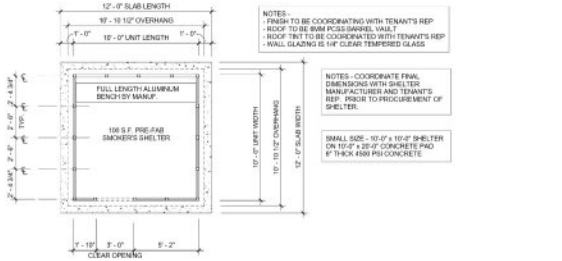
A A-003 SMOKER'S SHELTER PLAN
1/4" = 1'-0"
MEDIUM SIZE A



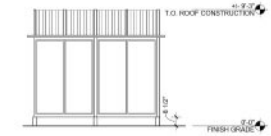
B A-003 SHELTER ELEVATION - FRONT MEDIUM A
1/4" = 1'-0"
MEDIUM SIZE A



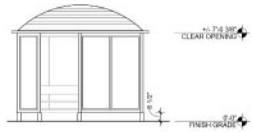
C A-003 SHELTER ELEVATION - SIDE MEDIUM A
1/4" = 1'-0"
MEDIUM SIZE A



D A-003 SMOKER'S SHELTER PLAN - SMALL SIZE
1/4" = 1'-0"
SMALL SIZE



E A-003 SHELTER ELEVATION - SIDE SMALL SIZE
1/4" = 1'-0"
SMALL SIZE



F A-003 SHELTER ELEVATION - FRONT SMALL SIZE
1/4" = 1'-0"
SMALL SIZE

DESIGNER NOTES

1. SITE SPECIFIC DESIGNS SHALL INCORPORATE SOIL LOADING / SLAB STRUCTURAL, AND OTHER STRUCTURAL LOADS SUCH AS WIND OR SNOW.
2. PROVIDE SHELTERS IN SIZES AND LOCATIONS AS INDICATED ON TEMPLATE EXHIBIT DRAWINGS.
3. MANUFACTURER RECOMMENDED SIZING REQUIREMENTS = PROVIDE 9 S.F. SHELTER AREA PER OCCUPANT.
4. MAINTAIN UNIFORM ROOF CONSTRUCTION THROUGHOUT EACH SITE.

CLIMATE ZONE NOTES

1. **CLIMATE ZONES AS DESCRIBED PER IECC " CLIMATE ZONE MAP"**
2. **TEMPERATE CLIMATE ZONES - CLIMATE ZONES 1 THROUGH 3 - PROJECTS LOCATED IN THESE ZONES SHOULD SPECIFY THE "TEMPERATE CLIMATE ZONES" OPTIONS FOR SHELTERS.**
3. **NON-TEMPERATE CLIMATE ZONES - CLIMATE ZONES 4 THROUGH 8 - PROJECTS LOCATED IN THESE ZONES SHOULD SPECIFY THE "NON-TEMPERATE CLIMATE ZONE" OPTIONS FOR SHELTERS.**
4. **SITE SPECIFIC DESIGNERS ARE ENCOURAGED TO LOCATE SHELTERS SO THAT PREVAILING WIND AND WEATHER AND CONSIDERED FOR APPROPRIATE ORIENTATION AND PLACEMENT TO PROVIDE ADEQUATE WEATHER PROTECTION.**

SMOKER'S SHELTER NOTES

1. **COORDINATE MODULAR SIZING OPTIONS AND PLACEMENT WITH HR/LAUNCH FOR REQUIRED NUMBER AND SIZE OF SHELTERS FOR EACH PROJECT SPECIFIC SITE.**
2. **VERIFY CLIMATE ZONES REQUIREMENTS FOR EACH PROJECT SPECIFIC SITE. ENCLOSED SHELTERS FOR NON-TEMPERATE CLIMATES. FOR HOT/HUMID CLIMATE ZONES, SHELTER SHALL BE ORDERED WITH OPEN PANELS AS SHOWN.**
3. **COORDINATE SITE PLANNING, LOCATION, AND ORIENTATION OF SHELTERS TO ALLOW SOLID GLAZING PANELS ON BENCH SIDE OF SHELTER TO BLOCK PREVAILING WINTER WIND/WEATHER.**
4. **COORDINATE SHELTER LOCATION AND DISTANCE FROM ADJACENT BUILDING WITH LOCAL AHJ AND FIRE DEPARTMENT.**

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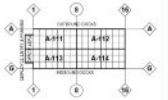
CONSULTANTS

IES Communications

Ramsey Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mois

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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ISSUE RECORD

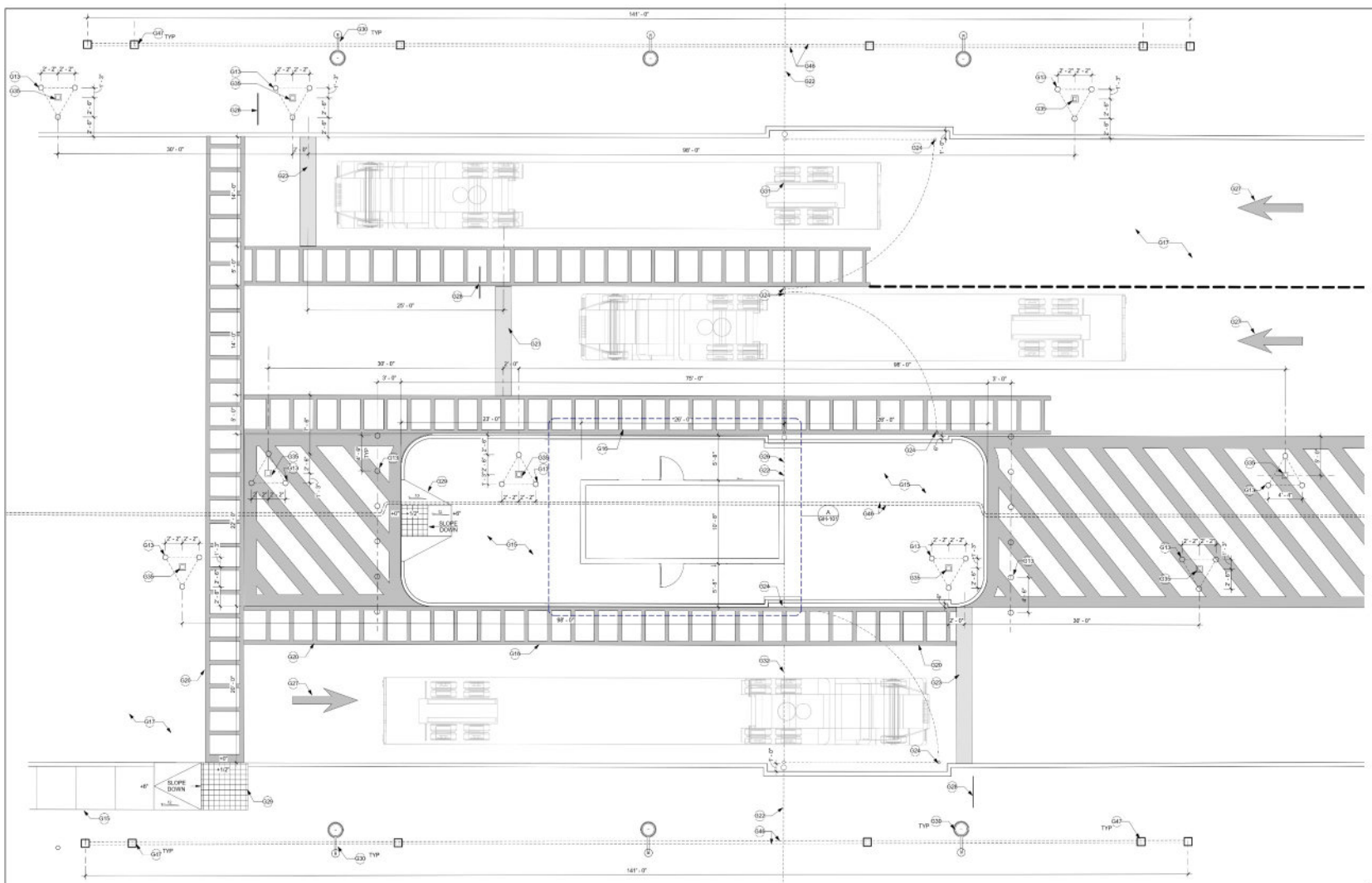
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SMOKER'S SHELTER PLAN, ELEVATIONS, AND NOTES

A-003

3/4/2021 4:50:25 AM



A GH-100 PRIMARY GUARD HOUSE SITE PLAN
3/16" = 1'-0"

GUARD HOUSE CODED NOTES

G1 PREFINISHED ALUMINUM WINDOW SYSTEM WITH 1" INSULATED TEMPERED GLAZING. (SEE UNIT ELEVATIONS ON GH-103)
G2 PREFINISHED ALUMINUM SLIDING WINDOW WITH 1" INSULATED TEMPERED GLAZING. (SEE UNIT ELEVATION ON GH-103)
G3 8" THICK (NOM.) CONCRETE WALL PANELS WITH TEXTURE COATING. (SEE SECTIONS)
G4 30" DEEP PLASTIC LAMINATE COUNTERTOP WITH 4" HIGH BACKSPLASH.
G5 1 1/2" DIA. PLASTIC GROMMETS. COORDINATE LOCATIONS WITH ELECTRICAL.
G6 RECESSED LIGHT FIXTURES. (SEE ELECTRICAL SHEETS)
G7 SUSPENDED ACOUSTIC CEILING SYSTEM. (ACT-1) (SEE REFLECTED CEILING PLAN)
G8 EMERGENCY EGRESS LIGHT SIGN. (SEE ELECTRICAL SHEETS)
G9 PREFIN. 5" x 4" METAL (24GA) DOWNSPOUT WITH PREFIN. METAL STRAPS. HOLD TIGHT TO FACE OF WALL CONSTRUCTION (MTL-1). PROVIDE CLEANOUT AT BASE OF DOWNSPOUT LEADER. SEE PLUMBING SHEETS. SEE DETAIL E/GH-108.
G10 WALL MOUNTED FIRE EXTINGUISHER WITH BRACKET.
G11 LINE OF ROOF BEYOND OR ABOVE.
G12 LINE OF CONCRETE FOUNDATION. (SEE STRUCTURAL SHEETS)
G13 8" DIA. CONCRETE-FILLED STEEL BOLLARD WITH "SAFETY YELLOW" PLASTIC SLEEVE COVER. (SEE SIMILAR DETAIL C/A-103)
G14 PREFINISHED METAL FASCIA EDGE FLASHING OR COPING. (MTL-1)
G15 CONCRETE SIDEWALK (SEE CIVIL SHEETS)
G16 LINE OF CONCRETE CURB AND PAD. (SEE CIVIL SHEETS) PAINT CURB FACE SAFETY YELLOW.
G17 CONCRETE PAVING. (SEE CIVIL SHEETS)
G18 SURFACE MOUNTED WALL PACK LIGHT. MOUNT AT 12'-3" A.F.F. (SEE ELECTRICAL SHEETS)
G19 MAIN ELECTRICAL PANEL. PROVIDE LOCKABLE DOOR. (SEE ELECTRICAL SHEETS)
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G22 8'-0" HIGH SECURITY FENCE. (SEE CIVIL SHEETS)
G23 24" WIDE WHITE PAINTED STOP BAR. (SEE CIVIL SHEETS)
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G27 PAINTED PAVEMENT GRAPHICS. (SEE CIVIL SHEETS)
G28 POST MOUNTED SITE SIGNAGE. (SEE CIVIL SHEETS)
G29 ANSI 117.1 COMPLIANT ACCESSIBLE CURB RAMP. (SEE CIVIL SHEETS)
G30 SITE LIGHTING POLES & FIXTURES AND C.I.P. CONCRETE POLE BASE. (SEE CIVIL AND ELECTRICAL SHEETS)
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G33 CARD READER. PROVIDED BY TENANT'S SECURITY VENDOR (N.I.C.). CONTRACTOR TO PROVIDE CONCEALED J-BOX & CONDUIT WITH PULL STRINGS, WITHIN FURRING. (SEE ELECTRICAL SHEETS.)
G34 3" WIDE x 1/2" DEEP CONCRETE PANEL REVEAL.
G35 AUTOMATIC LICENSE PLATE RECOGNITION SYSTEM (ALPR). PROVIDE (3) 8" BOLLARDS AT EACH LOCATION. (SEE CIVIL SHEETS)
G36 R-10 RIGID PERIMETER INSULATION, EXTEND 3'-0" HORIZONTALLY BELOW SLAB AT DOOR/ WINDOW OPENINGS.
G37 5/8" WATER RESIST TANK GYPSUM BOARD ON METAL CEILING JOISTS. (SEE SCHEDULE U.N.O.)
G38 LINE OF CEILING JOISTS ABOVE. (SEE SCHEDULE)
G39 PROVIDE 3 5/8" (25 GA.) HORIZONTAL METAL BRACING AT 48" O.C. PERPENDICULAR TO CEILING JOISTS. (TYP.)
G40 BLACK PAINTED BUILDING GRAPHICS. SEE DETAILS B & E/ GH-102
G41 CONDUIT TO MAIN BUILDING (SEE ELECTRICAL SHEETS)
G42 CEILING MOUNTED ELECTRIC HEATER (SEE MECHANICAL SHEETS)
G43 WATER COOLER TO BE PROVIDED AND INSTALLED BY TENANT. G.C. TO PROVIDE SHUT-OFF VALVE & OUTLET AT 24" A.F.F. (SEE ELECTRICAL & PLUMBING SHEETS)
G44 SECURITY PANEL. (SEE SECURITY DRAWINGS)
G45 WIRELESS ACCESS POINT (WAP) BY TENANT'S I.T. VENDOR (N.I.C.) CONTRACTOR TO COORDINATE INSTALLATION WITH TENANT'S REP.
G46 2" ELECTRICAL AND 2" DATA CONDUIT. (SEE SECURITY, TELECOM AND ELECTRICAL DRAWINGS)
G47 PROVIDE QUAZITE OR APPROVED EQUAL CONDUIT BOXES. (SEE ELECTRICAL SHEETS)
G48 8" HIGH CONCRETE HOUSEKEEPING PAD FOR GROUND MOUNTED CONDENSING UNIT.
G49 CONDENSING UNIT. (SEE MECHANICAL SHEETS)

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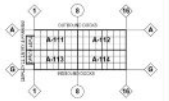
CONSULTANTS

IES Communications

Ericsson Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



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PRINTED OR TYPED NAME: Eric Mois

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
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3/5/2021

PRIMARY GUARD HOUSE SITE PLAN AND NOTES

GH-100

3/3/2021 6:08:05 PM

GUARD HOUSE CODED NOTES

G1 PREFINISHED ALUMINUM WINDOW SYSTEM WITH 1" INSULATED TEMPERED GLAZING. (SEE UNIT ELEVATIONS ON GH-103)
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G49 CONDENSING UNIT. (SEE MECHANICAL SHEETS)

GUARD HOUSE SYMBOL LEGEND

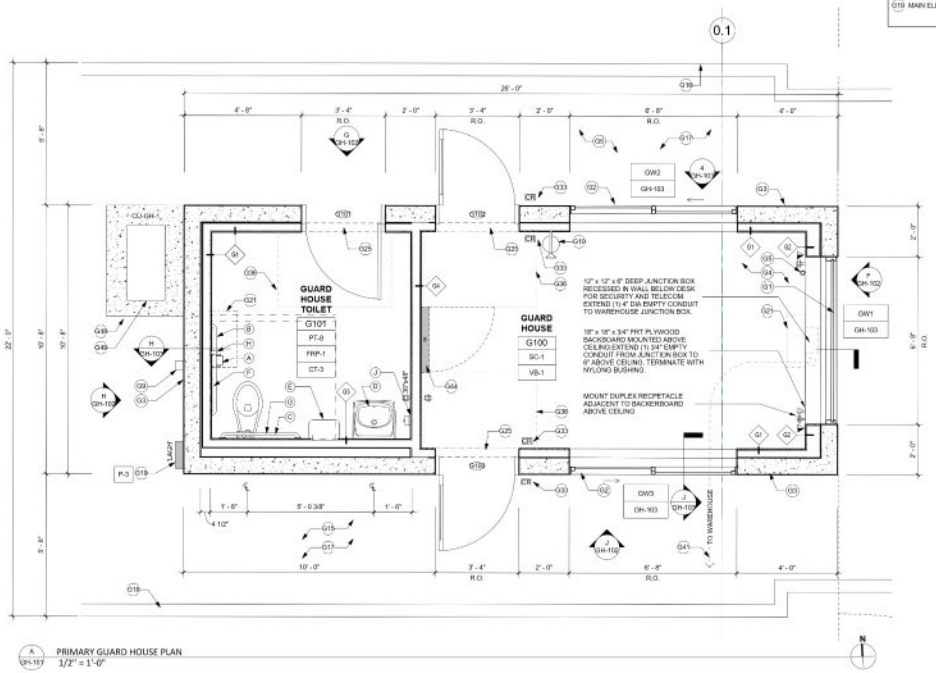
	GUARD HOUSE CODED NOTE TAG
101	DOOR NUMBER TAG (SEE SHEET GH-102 FOR SCHEDULE)
	WALL PARTITION TAG
W1 A-401	WINDOR TAG (SEE SHEET GH-103 FOR UNIT ELEVATIONS)
	MATERIAL / FINISH TAG (SEE SHEET A-201 & A-160 FOR MATERIAL FINISH KEY)
	TOILET ROOM CODED NOTE TAG

TOILET ROOM ACCESSORIES

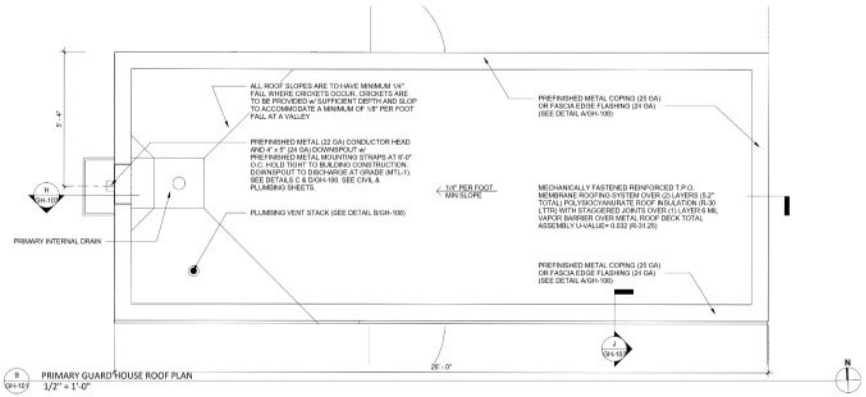
MARK	DESCRIPTION - MANUFACTURER	NOTES	PROVIDED BY TENANT, INSTALLED BY G.C.	PROVIDED AND INSTALLED BY G.C.	CONTRACTS FOR TENANT REFLECTED PRICING
A	COMPACT VERTICAL FOUR ROLL CORELESS TOILET PAPER DISPENSER - GEORGIA PACIFIC, #56744	MOUNT AT 31" AFF TO TOP OF UNIT WITH CL 12" MAX. FROM FRONT EDGE OF TOILET		●	
B	TOILET GRAB BAR - 42" LONG, 1 1/2" DIA., SANIGUARD, #GBS15-1142-Q	MOUNT 12" FROM REAR WALL 36" AFF (HOLD)		●	●
C	TOILET GRAB BAR - 36" LONG, 1 1/2" DIA., SANIGUARD, #GBS15-1136-Q	MOUNT 6" FROM SIDE WALL 33" AFF (HOLD)		●	●
D	FRAMED 1/4" ANGLED MIRROR - 24" WIDTH X 36" HIGH BOBRICK B-290 2436	MOUNT WITH BOTTOM OF REFLECTIVE SURFACE AT 36" - 40" AFF		●	
E	WALL MOUNTED AUTOMATED TOUCHLESS TOWEL DISPENSER - GEORGIA PACIFIC, #59482	MOUNT BOTTOM OF UNIT AT 3'-4" AFF		●	
F	WALL MOUNTED SANITARY NAPKIN DISPOSAL TOUGH GUY, #1EDK9	STAINLESS STEEL MOUNT TOP OF UNIT AT 27" AFF		●	●
G	WALL MOUNTED TOILET SEAT COVER DISPENSER TOUGH GUY, #6EDK2	STAINLESS STEEL MOUNT TOP OF UNIT AT 30" TO 48" AFF		●	●
H	TOILET GRAB BAR - 16" LONG, 1 1/2" DIA., SANIGUARD, #GBS15-1116-Q	MOUNT 40" FROM SIDE WALL 39" - 41" AFF		●	●
J	WALL MOUNTED TOUCH FREE SOAP DISPENSER GOJO TFX, #2740-12, 'DOVE GRAY'	MOUNT TOP OF UNIT AT 48" AFF		●	

PARTITION SCHEDULE

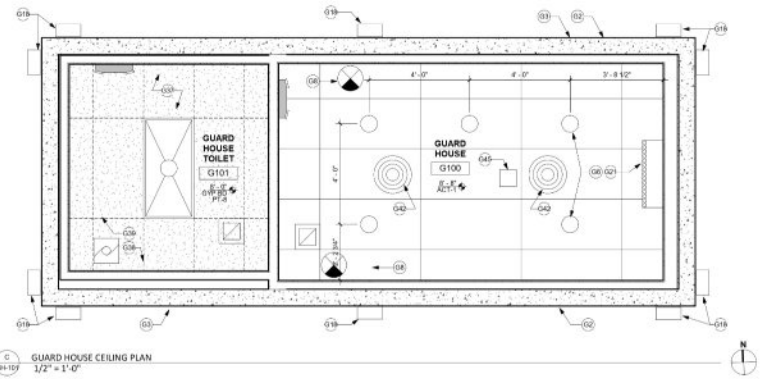
MARK	RATING	NOTES	DESCRIPTION	DIAGRAM	DEPTH
G1 G2	--	FURRING PARTITION	5/8" GYPSUM BOARD ON OCCUPIED SIDE OF 3 5/8" (25 GA.) METAL STUDS AT 24" O.C. FROM FINISHED FLOOR TO 8'-0" AFF. PROVIDE CONTINUOUS 1" MIN. R-6, CO-FRICID INSULATION BOARD W/ALUMINUM FOIL FACE (BOTH SIDES) ON INTERIOR FACE OF CONCRETE WALL FULL HEIGHT. HOLD PARTITION A MINIMUM 1 3/8" FROM FACE OF CONCRETE WALL PANEL. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. PROVIDE WATER RESISTANT CVP BOARD @ TOILET ROOM PARTITION. TOTAL WALL ASSEMBLY U-VALUE = 0.110 (R-9.08) G2 - SAME AS G1 ABOVE EXCEPT PROVIDE 6" (18 GA) METAL STUDS	1 3/8" MIN.	4 1/4" (5 5/8" TOTAL TO FACE OF PANEL)
G3	--		G3 - SAME AS G1 ABOVE EXCEPT HOLD PARTITION A MINIMUM 3" FROM FACE OF CONCRETE WALL PANEL	3" MIN.	8 1/4" (9 5/8" TOTAL TO FACE OF PANEL)
G4	--	FULL HEIGHT GUARD HOUSE PARTITION	5/8" GYPSUM BOARD FROM FINISHED FLOOR TO BOTTOM OF DECK ABOVE ON BOTH SIDES OF 3 5/8" (25 GA) METAL STUDS @ 16" O.C. W/SOUND BATT INSULATION FULL HEIGHT. TAPE ALL SEAMS. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES.		4 7/8"



A GH-101 PRIMARY GUARD HOUSE PLAN
1/2" = 1'-0"



B GH-101 PRIMARY GUARD HOUSE ROOF PLAN
1/2" = 1'-0"



C GH-101 GUARD HOUSE CEILING PLAN
1/2" = 1'-0"

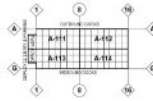
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CONSULTANTS

IES Communications
Bonestroo Consulting Engineers, P.L.L.C.
SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT ERIC MOES IOWA 07494 3/3/21 RENEW 12/31/21

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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JOB NO.	DATE
701088	3/5/2021

ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
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3/5/2021

PRIMARY GUARD HOUSE PLANS AND NOTES

GH-101

3/3/2021 6:08:17 PM

GUARD HOUSE MATERIAL FINISH KEY

MARK	MAUFACTURER	DESCRIPTION	REMARKS	MARK	MAUFACTURER	DESCRIPTION	REMARKS
PAINT / TEXTURED ACRYLIC COATING				INTERIOR PAINT			
P-2	SHERWIN WILLIAMS	SEMI-GLOSS PAINT (LOW VOC) MATCH COLOR SW #7016 "MINDFUL GRAY"	EXTERIOR HOLLOW METAL DOORS AND FRAMES	PT-1	BENJAMIN MOORE	#2121-70 'CHANTILLY LACE' (LOW VOC)	GYPSUM BOARD PARTITIONS
P-5	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR SW #9174 "MOTH WING"	EXTERIOR FIELD COLOR AT GUARDHOUSE	PLASTIC LAMINATE			
P-7	SHERWIN WILLIAMS	SEMI-GLOSS PAINT (LOW VOC) "SAFETY YELLOW"	STEEL BOLLARDS AND CURBS	PL-1	FORMICA	'DOVER WHITE' #7197-58	APPLY PER MANUF. INSTRUCTION CONTACT ADHESIVES - LESS THAN 80 g/L
P-8	SHERWIN WILLIAMS	SEMI-GLOSS PAINT, 'BLACK' (OPTIONAL AS VINYL DECAL)	EXTERIOR ACCENT COLOR AT GUARDHOUSE	VINYL BASE			
PREFINISHED METAL				VB-1	JOHNSONITE	4" VINYL BASE - COVE BASE (USE AT SC-1)	#48 "GREY"
MTL-1	PAC-CLAD	24 GA PREFINISHED ALUMINUM COLOR - "GRANITE"	METAL COPING	SEALED CONCRETE			
STOREFRONT / WINDOW SYSTEM				SC-1	EUCLID CHEMICALS	EUCOSIL	INSTALL PER MANUF. SPECIFICATIONS FLOOR COATINGS - LESS THAN 100 g/L
SF-1	KAWNEER	TRIFAB VG 451-T PREFINISHED ALUMINUM COLOR - DARK BRONZE	STOREFRONT / DOOR SYSTEM (TYP.)	CERAMIC TILE			
ACOUSTIC CEILING TILE				CT-3	DALTILE	18" x 18" PORCELAIN FLOOR TILE	CITY VIEW, #CV02 'SKYLINE GRAY' GROUT - MAPEI #11 'SAHARA BEIGE'
ACT-1	ARMSTRONG	24"x48"x5/8" CORTEGA MINABOARD #769 TILE WITH WHITE 15/16" GRID	EXPOSED "T" CEILING GRID	CT-4	DALTILE	6" x 12" PORCELAIN COVE BASE (USE COVE BASE AT CORNERS ON OUTSIDE CORNERS	CITY VIEW, #S-3602T 'SKYLINE GRAY' GROUT - MAPEI #11 'SAHARA BEIGE'
FIBERGLASS WALL PANEL							
FRP-1	CRANE KEMLITE	.09" THICK FIRE-X GLASSBOARD FM w/ SURFASEAL, CLASS A	WHITE, #65 INSTALL w/ VINYL MOULDINGS & TRIM				

GUARD HOUSE CODED NOTES

G1) PREFINISHED ALUMINUM WINDOW SYSTEM WITH 1" INSULATED TEMPERED GLAZING. (SEE UNIT ELEVATIONS ON GH-103)
G2) PREFINISHED ALUMINUM SLIDING WINDOW WITH 1" INSULATED TEMPERED GLAZING. (SEE UNIT ELEVATION ON GH-103)
G3) 6" THICK (NOM.) CONCRETE WALL PANELS WITH TEXTURE COATING. (SEE SECTIONS)
G4) 36" DEEP PLASTIC LAMINATE COUNTERTOP WITH 4" HIGH BACKSPLASH.
G5) 1 1/2" DIA. PLASTIC GROMMETS. COORDINATE LOCATIONS WITH ELECTRICAL.
G6) RECESSED LIGHT FIXTURES. (SEE ELECTRICAL SHEETS)
G7) SUSPENDED ACOUSTIC CEILING SYSTEM. (ACT-1) (SEE REFLECTED CEILING PLAN)
G8) EMERGENCY EGRESS LIGHT SIGN. (SEE ELECTRICAL SHEETS)
G9) PREFIN. 5" x 4" METAL (24GA) DOWNSPOUT WITH PREFIN. METAL STRAPS. HOLD TIGHT TO FACE OF WALL CONSTRUCTION (MTL-1). PROVIDE CLEANOUT AT BASE OF DOWNSPOUT LEADER. SEE PLUMBING SHEETS. SEE DETAIL E/GH-106.
G10) WALL MOUNTED FIRE EXTINGUISHER WITH BRACKET.
G11) LINE OF ROOF BEYOND OR ABOVE.
G12) LINE OF CONCRETE FOUNDATION. (SEE STRUCTURAL SHEETS)
G13) 6" DIA. CONCRETE-FILLED STEEL BOLLARD WITH "SAFETY YELLOW" PLASTIC SLEEVE COVER. (SEE SIMILAR DETAIL C/A-103)
G14) PREFINISHED METAL FASCIA, EDGE FLASHING OR COPING. (MTL-1)
G15) CONCRETE SIDEWALK (SEE CIVIL SHEETS)
G16) LINE OF CONCRETE CURB AND PAD. (SEE CIVIL SHEETS) PAINT CURB FACE SAFETY YELLOW
G17) CONCRETE PAVING. (SEE CIVIL SHEETS)
G18) SURFACE MOUNTED WALL PACK LIGHT. MOUNT AT 12'-3" A.F.F. (SEE ELECTRICAL SHEETS)
G19) MAIN ELECTRICAL PANEL. PROVIDE LOCKABLE DOOR. (SEE ELECTRICAL SHEETS)
G20) YELLOW PAINTED STRIPING. (SEE CIVIL SHEETS)
G21) DUCTLESS MINI-SPLIT HVAC SYSTEM. TOP OF WALL UNIT TO BE 7'-11" A.F.F. PUMP UNIT CONDENSATE UP THROUGH ROOF AND DISCHARGE INTO ROOF DRAIN. (SEE MECHANICAL & ELECTRICAL SHEETS)
G22) 6'-0" HIGH SECURITY FENCE. (SEE CIVIL SHEETS)
G23) 24" WIDE WHITE PAINTED STOP BAR. (SEE CIVIL SHEETS)
G24) COORDINATE RECEIVER LOCATION WITH GATE ATTACHED CANE BOLT.
G25) ANSI-COMPLIANT ALUMINUM THRESHOLD SET IN FULL BED OF SEALANT.
G26) SURFACE MOUNTED, HINGED DOOR FIRE DEPARTMENT KNOX BOX WITH TAMPER SWITCH. MOUNT AT 4'-0" ABOVE FINISH GRADE. (KNOX-BOX 3200 SERIES)
G27) PAINTED PAVEMENT GRAPHICS. (SEE CIVIL SHEETS)
G28) POST MOUNTED SITE SIGNAGE. (SEE CIVIL SHEETS)
G29) ANSI 117.1 COMPLIANT ACCESSIBLE CURB RAMP. (SEE CIVIL SHEETS)
G30) SITE LIGHTING POLES & FIXTURES AND C.J.P. CONCRETE POLE BASE. (SEE CIVIL AND ELECTRICAL SHEETS)
G31) PAIR OF 18'-6"W x 6'-0"H GALVANIZED MANUAL SWING GATES WITH DROP ROD AND LOCKING HARDWARE. IF REQUIRED, PROVIDE GATE WITH RUBBER ROLLERS OR TIRES. IN-GROUND TRACK SYSTEMS ARE NOT ALLOWED.
G32) SINGLE 18'-6"W x 6'-0"H GALVANIZED MANUAL SWING GATES WITH DROP ROD AND LOCKING HARDWARE. IF REQUIRED, PROVIDE GATE WITH RUBBER ROLLERS OR TIRES. IN-GROUND TRACK SYSTEMS ARE NOT ALLOWED.
G33) CARD READER, PROVIDED BY TENANT'S SECURITY VENDOR (N.I.C.). CONTRACTOR TO PROVIDE CONCEALED J-BOX & CONDUIT WITH PULL STRINGS, WITHIN FURRING. (SEE ELECTRICAL SHEETS.)
G34) 3" WIDE x 1/2" DEEP CONCRETE PANEL REVEAL.
G35) AUTOMATIC LICENSE PLATE RECOGNITION SYSTEM (ALPR). PROVIDE (3) 6" BOLLARDS AT EACH LOCATION. (SEE CIVIL SHEETS)
G36) R-10 RIGID PERIMETER INSULATION, EXTEND 3'-0" HORIZONTALLY BELOW SLAB AT DOOR/ WINDOW OPENINGS.
G37) 5/8" WATER RESIST TANK GYPSUM BOARD ON METAL CEILING JOISTS. (SEE SCHEDULE U.N.O.)
G38) LINE OF CEILING JOISTS ABOVE. (SEE SCHEDULE)
G39) PROVIDE 3 5/8" (25 GA.) HORIZONTAL METAL BRACING AT 48" O.C. PERPENDICULAR TO CEILING JOISTS. (TYP.)
G40) BLACK PAINTED BUILDING GRAPHICS. SEE DETAILS D & E/ GH-102
G41) CONDUIT TO MAIN BUILDING (SEE ELECTRICAL SHEETS)
G42) CEILING MOUNTED ELECTRIC HEATER (SEE MECHANICAL SHEETS)
G43) WATER COOLER TO BE PROVIDED AND INSTALLED BY TENANT. G.C. TO PROVIDE SHUT-OFF VALVE & OUTLET AT 24" A.F.F. (SEE ELECTRICAL & PLUMBING SHEETS)
G44) SECURITY PANEL. (SEE SECURITY DRAWINGS)
G45) WIRELESS ACCESS POINT (WAP) BY TENANT'S I.T. VENDOR (N.I.C.) CONTRACTOR TO COORDINATE INSTALLATION WITH TENANT'S REP.
G46) 2" ELECTRICAL AND 2" DATA CONDUIT. (SEE SECURITY, TELECOM AND ELECTRICAL DRAWINGS)
G47) PROVIDE QUAZITE OR APPROVED EQUAL CONDUIT BOXES. (SEE ELECTRICAL SHEETS)
G48) 8"HIGH CONCRETE HOUSEKEEPING PAD FOR GROUND MOUNTED CONDENSING UNIT.
G49) CONDENSING UNIT. (SEE MECHANICAL SHEETS)

TOILET ROOM ACCESSORIES

MARK	DESCRIPTION - MANUFACTURER	NOTES	PROVIDED BY G.C. INSTALLED BY G.C.	PROVIDED AND INSTALLED BY G.C.	CONTACT CBANGES FOR PREPERIRED PRICING
A	COMPACT VERTICAL FOUR ROLL CORELESS TOILET PAPER DISPENSER - GEORGIA PACIFIC, #59744	MOUNT AT 31" AFF TO TOP OF UNIT WITH CL 12" MAX. FROM FRONT EDGE OF TOILET		●	
B	TOILET GRAB BAR - 42" LONG, 1 1/2" DIA., SANIGUARD, #GB515-1142-Q	MOUNT 12" FROM REAR WALL 36" AFF (HOLD)		●	●
C	TOILET GRAB BAR - 36" LONG, 1 1/2" DIA., SANIGUARD, #GB515-1136-Q	MOUNT 6" FROM SIDE WALL 33" AFF (HOLD)		●	●
D	FRAMED 1/4" ANGLED MIRROR - 24" WIDTH X 36" HIGH BOSRICK B-293 2436	MOUNT WITH BOTTOM OF REFLECTIVE SURFACE AT 39" - 40" AFF		●	
E	WALL MOUNTED AUTOMATED TOUCHLESS TOWEL DISPENSER - GEORGIA PACIFIC, #59462	MOUNT BOTTOM OF UNIT AT 3'-4" AFF		●	
F	WALL MOUNTED SANITARY NAPKIN DISPOSAL TOUGH GUY, #1EDX9	STAINLESS STEEL MOUNT TOP OF UNIT AT 27" AFF		●	●
G	WALL MOUNTED TOILET SEAT COVER DISPENSER TOUGH GUY, #ED2X2	STAINLESS STEEL MOUNT TOP OF UNIT AT 30" TO 48" AFF		●	●
H	TOILET GRAB BAR - 18" LONG, 1 1/2" DIA., SANIGUARD, #GB515-1118-Q	MOUNT 40" FROM SIDE WALL 39" - 41" AFF		●	●
J	WALL MOUNTED TOUCH FREE SOAP DISPENSER GOJO TFX, #2740-12, 'DOVE GRAY'	MOUNT TOP OF UNIT AT 48" AFF		●	

PARTITION SCHEDULE

MARK	RATING	NOTES	DESCRIPTION	DIAGRAM	DEPTH
G1 G2	--	FURRING PARTITION	5/8" GYPSUM BOARD ON OCCUPIED SIDE OF 3 5/8" (25 GA.) METAL STUDS AT 24" O.C. FROM FINISHED FLOOR TO 9'-0" AFF. PROVIDE CONTINUOUS 1" (MIN. R-6. CI) R9300 INSULATION BOARD W/ALUMINUM FOIL FACE (BOTH SIDES) ON INTERIOR FACE OF CONCRETE WALL FULL HEIGHT. HOLD PARTITION A MINIMUM 1 3/8" FROM FACE OF CONCRETE WALL PANEL. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. PROVIDE WATER RESISTANT GYP BOARD @ TOILET ROOM PARTITION. TOTAL WALL ASSEMBLY U-VALUE = 0.112 (R-9.09)	1 3/8" MIN.	4 1/4" (0 5/8" TOTAL TO FACE OF PANEL)
			G2 - SAME AS G1 ABOVE EXCEPT PROVIDE 6" (18 GA) METAL STUDS		
G3	--		G3 - SAME AS G1 ABOVE EXCEPT HOLD PARTITION A MINIMUM 5" FROM FACE OF CONCRETE WALL PANEL	5" MIN.	6 1/4" (0 5/8" TOTAL TO FACE OF PANEL)
G4	--	FULL HEIGHT GUARD HOUSE PARTITION	5/8" GYPSUM BOARD FROM FINISHED FLOOR TO BOTTOM OF DECK ABOVE ON BOTH SIDES OF 3 5/8" (20 GA) METAL STUDS @ 16" O.C. W/SOUND BATT INSULATION FULL HEIGHT. TAPE ALL SEAMS. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES.		4 7/8"

GUARD HOUSE SYMBOL LEGEND

	GUARD HOUSE CODED NOTE TAG
101	DOOR NUMBER TAG (SEE SHEET GH-102 FOR SCHEDULE)
	WALL PARTITION TAG
WT A-501	WINDOW TAG (SEE SHEET GH-103 FOR UNIT ELEVATIONS)
	MATERIAL / FINISH TAG (SEE SHEET A-201 & A-160 FOR MATERIAL FINISH KEY)
	TOILET ROOM CODED NOTE TAG

GUARD HOUSE DOOR AND FRAME SCHEDULE

MARK	DESCRIPTION/ LOCATION (QTY)	SIZE	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	HARD-WARE / EQUIP.	FIRE RESIST. RATING	COMMENTS
G100, G102, G200, G202	GUARD HOUSE DOOR (4)	(2) 3'-0" X 7'-0" X 1 3/4"	D3	HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	B/GH-103	B/GH-103	E/GH-103	9	--	--
G101 G201	GUARD HOUSE TOILET ROOM DOOR (2)	(2) 3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	B/GH-103	B/GH-103 SIM.	E/GH-103	98	--	--

1. ALL EXTERIOR HOLLOW METAL DOOR FRAMES ARE TO BE GROUTED SOLID. COAT INTERIOR OF FRAME WITH "SHERWIN WILLIAMS - PRO-INDUSTRIAL PRO-CRYL UNIVERSE ACRYLIC PRIMER PRIOR TO GROUTING
2. PROVIDE RUST INHIBITOR COATING AND STAINLESS STEEL SCREWS/FASTENERS ON ALL HARDWARE ITEMS AT EXTERIOR DOORS PER MANUF. SPECIFICATIONS.
3. PAINT EXTERIOR SIDE OF ALL HOLLOW METAL DOOR FRAMES AND DOORS SEMI-GLOSS (P-2) (U.N.O.)
4. G.C. TO COORDINATE DOOR HARDWARE w/ MANUFACTURER AND SECURITY DOCUMENTS.
5. VERIFY ALL ROUGH OPENING SIZES AND REQUIREMENTS WITH DOOR MANUFACTURER.
6. ALL LOCKSETS TO BE PROVIDED WITH A REMOVABLE CONSTRUCTION CORE SUPPLIED BY HARDWARE MANUFACTURER.
7. LATCHES TO BE MOUNTED AT 4'-6" A.F.F.
8. ALL DOOR LOCKSETS / PASSAGE SETS SHALL BE OF THE LEVER HANDLE TYPE. HARDWARE SHALL BE MOUNTED TO HIGHER THAN 48" ABOVE FINISHED FLOOR (MOUNT OPERABLE PARTS OF HARDWARE BETWEEN 34" TO 48" AFF) PROVIDE LEVER HARDWARE AT ALL HANDICAPPED ACCESSIBLE DOORS PER ICC/ANSI A117.1-17. FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5.0 LBS MAXIMUM.
9. PER ANSI A117.1-17 MINIMUM MANEUVERING CLEARANCE AT DOORS THAT ARE NOT AUTOMATIC OR POWER-ASSISTED (FOR FRONT APPROACHES TO PUSH SIDE OF DOORS. NOT EQUIPPED WITH LATCH AND CLOSER SHALL HAVE MANEUVERING SPACE THAT IS THE SAME WIDTH AS DOOR OPENING AND EXTENDS 48" MINIMUM PERPENDICULAR TO THE DOORWAY. AT PULL SIDE OF DOOR, 18-INCH EXTENSION BEYOND LATCH SIDE OF DOOR IS PROVIDED.
10. MAXIMUM PULL FORCES FOR EXTERIOR DOORS TO BE 15.0 LBS, AND MAXIMUM PULL FORCES FOR INTERIOR DOORS TO BE 5.0 LBS
11. PROVIDED "EXIT" SIGN. SEE SIGN DETAIL W/AG-101

GUARD HOUSE DOOR HARDWARE SCHEDULE

HARDWARE SET #5 — ACCESS CONTROLLED GUARDHOUSE DOOR — HOLLOW METAL SINGLE DOOR

FUNCTION: ELECTRIFIED MORTISE LOCK WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT, STOREROOM FUNCTION

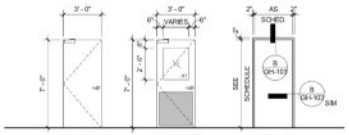
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4853BB NRP 4-1/2" x 4-1/2"	US32D
1	ELECTRIFIED MORTISE LOCK - FAIL SECURE	SARGENT	RX-70 8271-12V LNP	US26D
1	DOOR LOOP	SECURITRON	TSB-C	US26D
1	DOOR CLOSER	NORTON	7500 REG / PA APPROPRIATE TO OPENING	689
1	KICKPLATE	ROCKWOOD	K1050 BE 10" X 2" LDW	US32D
1	LATCH PROTECTOR	ROCKWOOD	320 / 321	--
1	DOOR STOP	ROCKWOOD	441	US26D
1	THRESHOLD	PEMKO	171A	ALUM.
1	RAIN GUARD	PEMKO	346C	--
1	WEATHERSTRIP SET	PEMKO	303APK	--
1	SWEEP	PEMKO	315CN	--
1	POSITION SWITCH	SECURITRON	DPS BY SECURITY CONTRACTOR	--
2	CARD READER	--	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	--
1	POWER SUPPLY	--	BY SECURITY CONTRACTOR	--

HARDWARE SET #6B — GUARD HOUSE TOILET ROOM — HOLLOW METAL SINGLE DOOR

FUNCTION: EXTERIOR LEVER, SERVICE STATION FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4853BB NRP 4-1/2" x 4-1/2"	US32D
1	SERVICE STATION LOCK	SARGENT	28 70 10G44 LP	US26D
1	KICKPLATE	ROCKWOOD	K1050 BE 10" X 2" LDW	US32D
1	DOOR CLOSER	NORTON	7500 REG / PA APPROPRIATE TO OPENING	689
1	COAT HOOK	ROCKWOOD	590	US26D
1	DOOR STOP	ROCKWOOD	441	US26D
1	THRESHOLD	PEMKO	171A	--
1	RAIN GUARD	PEMKO	346C	--
1	WEATHERSTRIP SET	PEMKO	303APK	--
1	SWEEP	PEMKO	315CN	--
1	WALL SIGN	ROCKWOOD	#8F688 / WOMENS #8F688 / MENS # 8F687	--
1	POSITION SWITCH	SECURITRON	DPS BY SECURITY CONTRACTOR	--

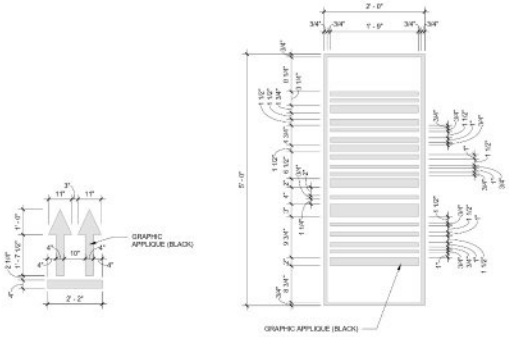
NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READER, POWER SUPPLY AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR.



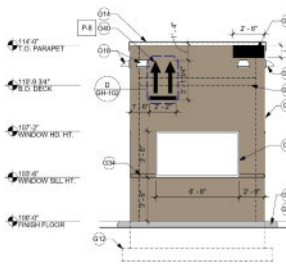
FLUSH PANEL INSULATED HOLLOW METAL (18 GA.) — TYPE "D3"
FLUSH PANEL HOLLOW METAL (18 GA.) — TYPE "D9"
WELDED HOLLOW METAL (16 GA) — TYPE "F1"

EXTERIOR COLOR LEGEND

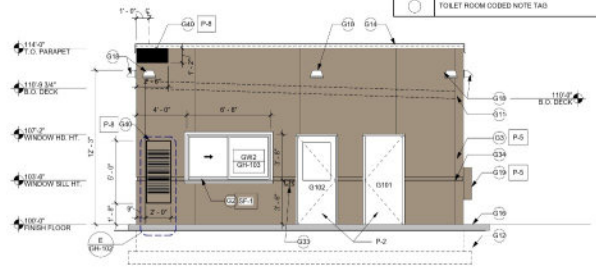
P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #1648 "FIRST STAR" (RGB 218 - 217 - 212)
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #1016 "MINDFUL STAR" (RGB 188 - 183 - 173)
P-3	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #1017 "DORIAN GREY" (RGB 172 - 167 - 156)
P-4	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #1016 "DOVETAIL" (RGB 144 - 138 - 131)
P-5	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #9174 "MOTH WING" (RGB 180 - 144 - 127)
P-6	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS "BLUE" PANTONE COLOR #2995C (RGB 0 - 169 - 224) (CMYK 83 - 1 - 0 - 0)
P-8	SHERWIN WILLIAMS SEMI-GLOSS MATCH COLOR "BLACK" (RGB 0 - 0 - 0)



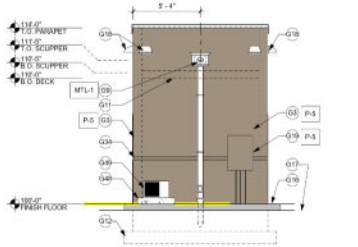
D GH-102 GUARD HOUSE GRAPHICS ARROWS 1/2" = 1'-0"
E GH-102 GUARD HOUSE GRAPHICS 1" = 1'-0"



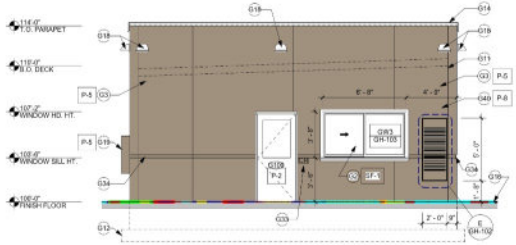
F GH-102 PRIMARY GUARD HOUSE EAST ELEVATION 1/4" = 1'-0"



G GH-102 PRIMARY GUARD HOUSE NORTH ELEVATION 1/4" = 1'-0"



H GH-102 PRIMARY GUARD HOUSE WEST ELEVATION 1/4" = 1'-0"



J GH-102 PRIMARY GUARD HOUSE SOUTH ELEVATION 1/4" = 1'-0"

RYAN

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OWNER

CONSULTANTS

IES Communications

Kramer Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

I HEREBY CERTIFY THAT PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mohs

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DRAWN BY	CHECKED BY
AM, MS	EM
JOB NO.	DATE
701068	3/5/2021

ISSUE RECORD

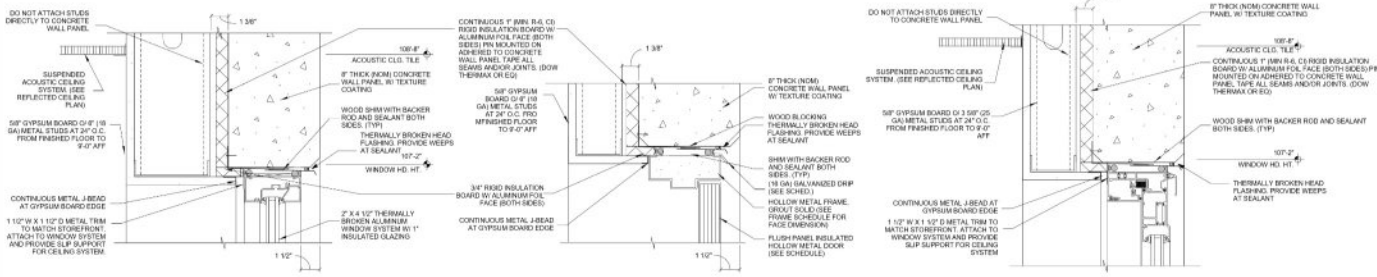
ISSUE #	DATE	DESCRIPTION
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PERMIT SET
3/5/2021

PRIMARY GUARD HOUSE ELEV. GRAPHICS AND SCHEDULES

GH-102

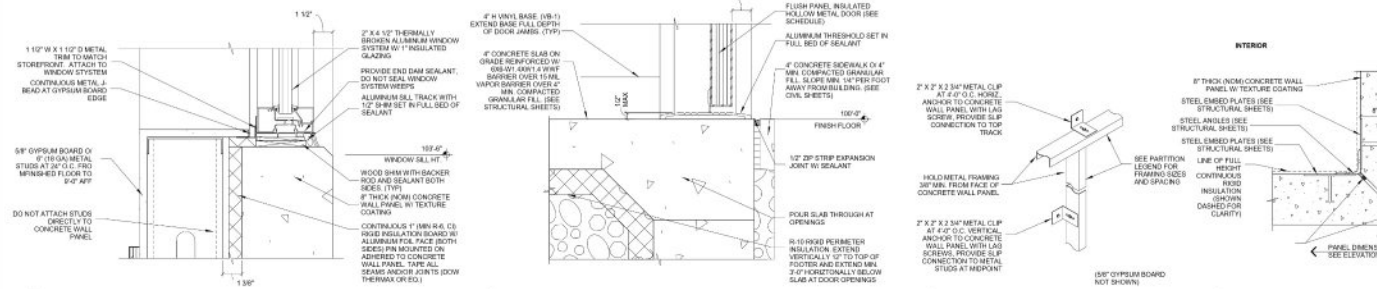
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A GH-103 WINDOW SYSTEM HEAD 3" = 1'-0"

B GH-103 DOOR HEAD 3" = 1'-0"

C GH-103 SLIDING WINDOW HEAD 3" = 1'-0"



D GH-103 WINDOW SYSTEM SILL 3" = 1'-0"

E GH-103 DOOR SILL 3" = 1'-0"

F GH-103 SIDE CLIP DETAIL 1 1/2" = 1'-0"

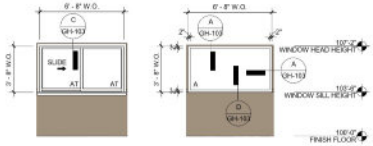
G GH-103 PANEL JOINT DETAIL 1 1/2" = 1'-0"

WINDOW SYSTEM NOTES

1. WINDOW SYSTEM TO BE 2" x 4 1/2" KAWNEER TRIFAB VG 451-T SYSTEM WITH 1" INSULATED GLASS UNLESS NOTED OTHERWISE. DARK BRONZE
2. PROVIDE 1/2" SHIM SPACE AT ALL HEAD, JAMB, AND SILL FRAME CONDITIONS.
3. PROVIDE END DAM SEALANT AT ALL SILL MEMBERS.
4. PROVIDE MANUFACTURER'S STANDARD SILL PAN RECEPTOR TRACK. SET IN SILL SEALANT - DO NOT SEAL OVER WINDOW SYSTEM WEEPS.
5. ALL PERIMETER ALUMINUM TO MASONRY JOINTS TO BE SEALED w/ SILICONE SEALANT TO MATCH STOREFRONT. CLEAN ALUMINUM SURFACE w/ ALCOHOL PRIOR TO SEALANT INSTALLATION.
6. ALL PREFINISHED ALUMINUM FLASHING AND STEEL COVERS TO BE .060 GA. MIN. TO MATCH WINDOW FINISH.
7. FIELD VERIFY ALL DIMENSIONS OF UNIT OPENINGS.

GLASS SCHEDULE

A	1" INSULATED GLASS (SEE SPECIFICATIONS) PPG SOLARBAN 60, "SOLARGRAY" TINT
AT	1" INSULATED TEMPERRED GLASS (SEE SPECIFICATIONS) PPG SOLARBAND 60, "SOLARGRAY" TINT

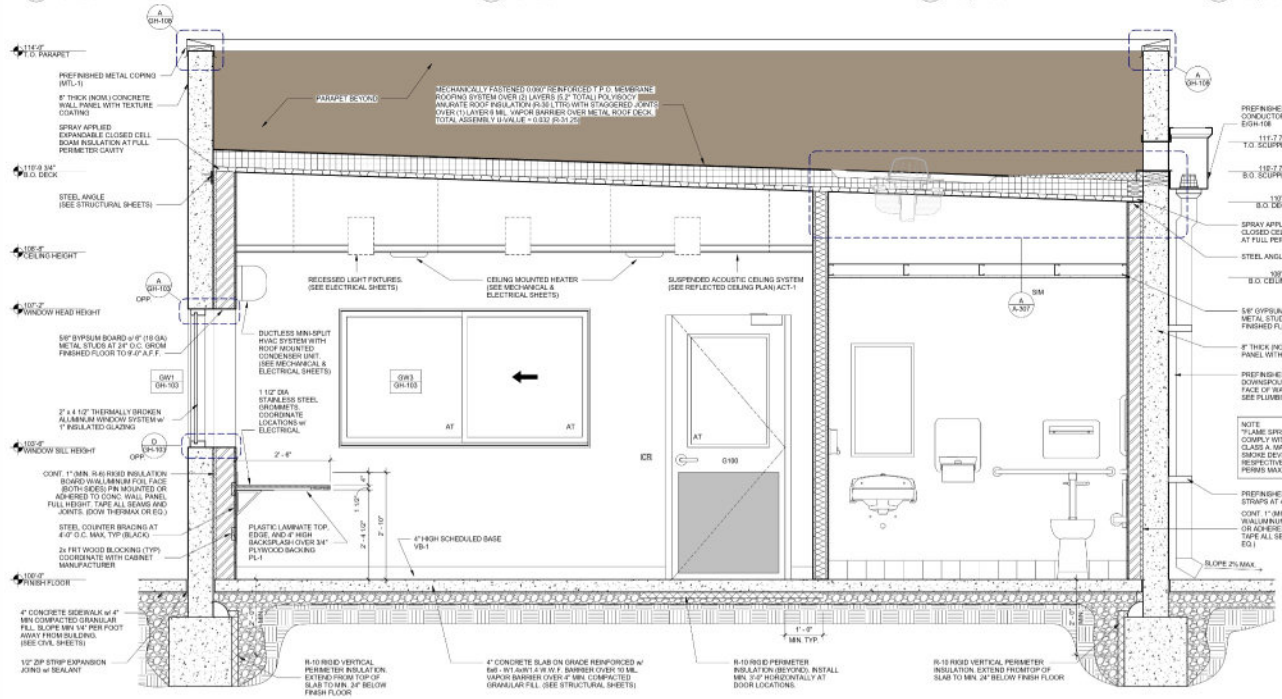


WINDOW TYPE 'GW 2' (VW 2' OPP.SIDE) SLIDING WINDOW DARK BRONZE

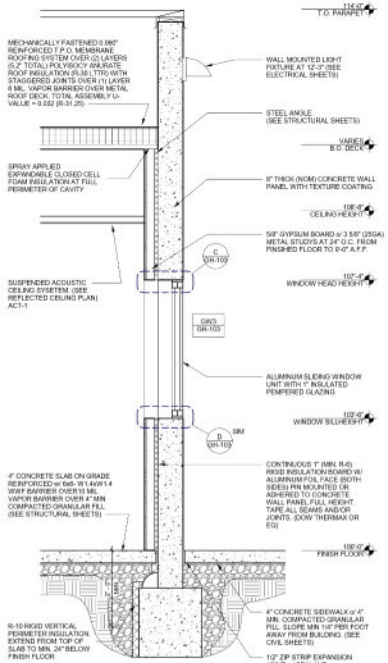
WINDOW TYPE 'GW 1' KAWNEER VG 451-T CG 2" x 4 1/2" ALUMINUM

WINDOW TYPES

SCALE 1/4" = 1'-0"



H GH-103 PRIMARY GUARD HOUSE SECTION 3/4" = 1'-0"



J GH-103 PRIMARY GUARD HOUSE WALL SECTION 3/4" = 1'-0"

RYAN

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533 South Third Street, Suite 100
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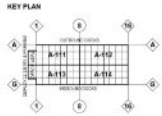
CONSULTANTS

IES Communications

Bazzani Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT ERIC MOTE NUMBER 07404 IOWA 3/31/21

I HEREBY CERTIFY THAT PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mote

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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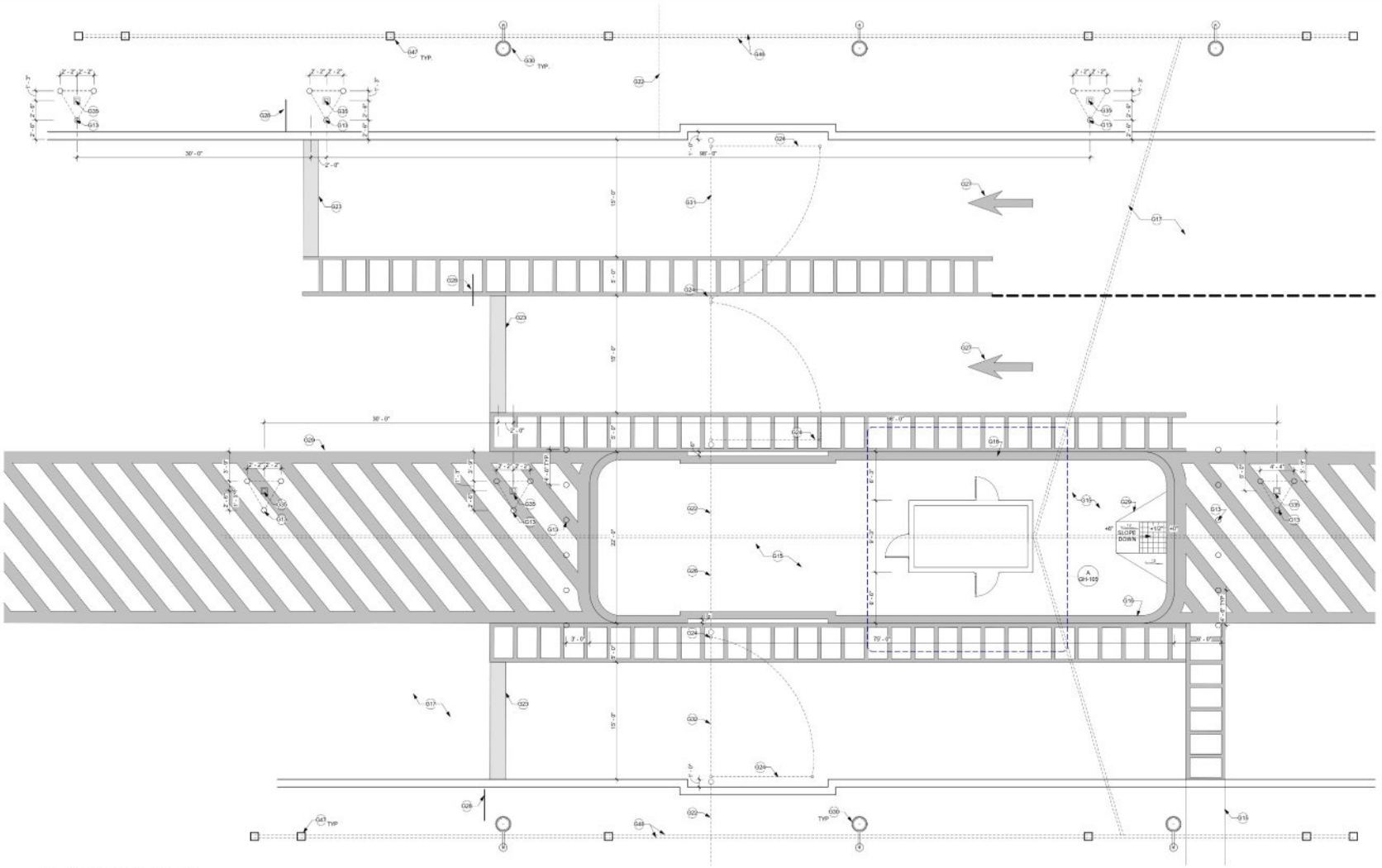
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PRIMARY GUARD HOUSE SECTIONS & DETAILS

GH-103

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A GH-104 SECONDARY GUARDHOUSE SITE PLAN
3/16" = 1'-0"

GUARD HOUSE CODED NOTES

G1 PREFINISHED ALUMINUM WINDOW SYSTEM WITH 1" INSULATED TEMPERED GLAZING. (SEE UNIT ELEVATIONS ON GH-103)
G2 PREFINISHED ALUMINUM SLIDING WINDOW WITH 1" INSULATED TEMPERED GLAZING. (SEE UNIT ELEVATION ON GH-103)
G3 8" THICK (NOM.) CONCRETE WALL PANELS WITH TEXTURE COATING. (SEE SECTIONS)
G4 30" DEEP PLASTIC LAMINATE COUNTERTOP WITH 4" HIGH BACKSPLASH.
G5 1 1/2" DIA. PLASTIC GROMMETS. COORDINATE LOCATIONS WITH ELECTRICAL.
G6 RECESSED LIGHT FIXTURES. (SEE ELECTRICAL SHEETS)
G7 SUSPENDED ACOUSTIC CEILING SYSTEM. (ACT-1) (SEE REFLECTED CEILING PLAN)
G8 EMERGENCY EGRESS LIGHT SIGN. (SEE ELECTRICAL SHEETS)
G9 PREFIN. 5" x 4" METAL (24GA) DOWNSPOUT WITH PREFIN. METAL STRAPS. HOLD TIGHT TO FACE OF WALL CONSTRUCTION (MTL-1). PROVIDE CLEANOUT AT BASE OF DOWNSPOUT LEADER. SEE PLUMBING SHEETS. SEE DETAIL E/GH-105.
G10 WALL MOUNTED FIRE EXTINGUISHER WITH BRACKET.
G11 LINE OF ROOF BEYOND OR ABOVE.
G12 LINE OF CONCRETE FOUNDATION. (SEE STRUCTURAL SHEETS)
G13 8" DIA. CONCRETE-FILLED STEEL BOLLARD WITH 'SAFETY YELLOW' PLASTIC SLEEVE COVER. (SEE SIMILAR DETAIL C/A-153)
G14 PREFINISHED METAL FASCIA EDGE FLASHING OR COPING. (MTL-1)
G15 CONCRETE SIDEWALK (SEE CIVIL SHEETS)
G16 LINE OF CONCRETE CURB AND PAD. (SEE CIVIL SHEETS) PAINT CURB FACE SAFETY YELLOW.
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G19 MAIN ELECTRICAL PANEL. PROVIDE LOCKABLE DOOR. (SEE ELECTRICAL SHEETS)
G20 YELLOW PAINTED STRIPING. (SEE CIVIL SHEETS)
G21 DUCTLESS MINI-SPLIT HVAC SYSTEM. TOP OF WALL UNIT TO BE 7'-11" A.F.F. PUMP UNIT CONDENSATE UP THROUGH ROOF AND DISCHARGE INTO ROOF DRAIN. (SEE MECHANICAL & ELECTRICAL SHEETS)
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G35 AUTOMATIC LICENSE PLATE RECOGNITION SYSTEM (ALPR). PROVIDE (3) 8" BOLLARDS AT EACH LOCATION. (SEE CIVIL SHEETS)
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G37 5/8" WATER RESIST TANK GYPSUM BOARD ON METAL CEILING JOISTS. (SEE SCHEDULE U.N.O.)
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G39 PROVIDE 3 5/8" (25 GA.) HORIZONTAL METAL BRACING AT 48" O.C. PERPENDICULAR TO CEILING JOISTS. (TYP.)
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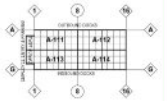
CONSULTANTS

IES Communications

Ramsey Consulting Engineers, P.L.L.C.

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KEY PLAN



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LICENSE NUMBER: 07404

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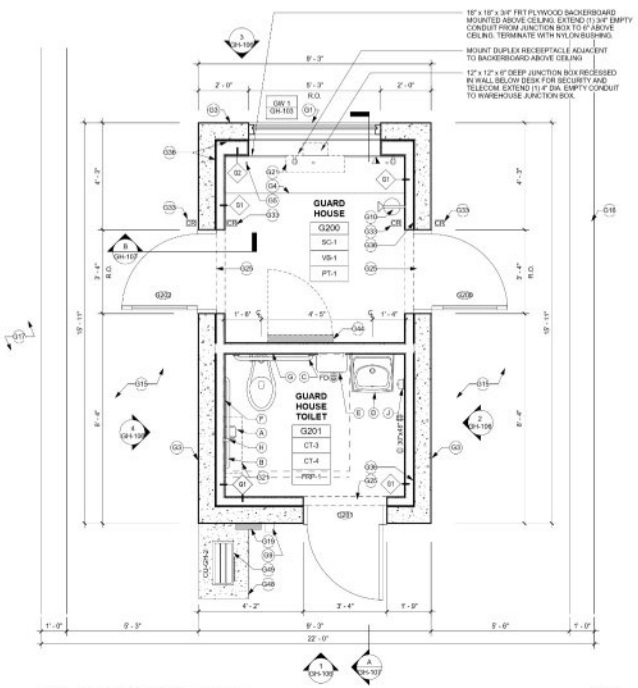
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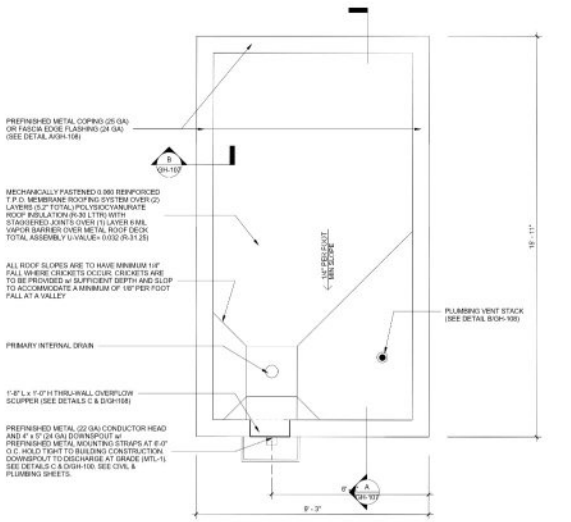
SECONDARY GUARD HOUSE SITE PLAN AND NOTES

GH-104

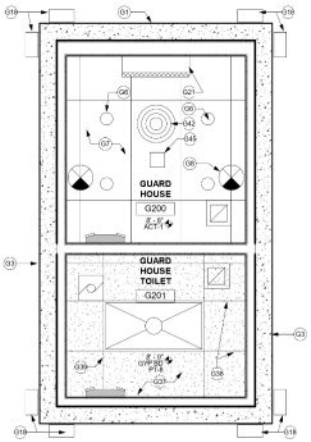
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A / GH-105 SECONDARY GUARDHOUSE FLOOR PLAN 1/2" = 1'-0"



B / GH-105 SECONDARY GUARD HOUSE ROOF PLAN 1/2" = 1'-0"



C / GH-105 SECONDARY GUARD HOUSE CEILING PLAN 1/2" = 1'-0"

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G49 CONDENSING UNIT. (SEE MECHANICAL SHEETS)

TOILET ROOM ACCESSORIES

MARK	DESCRIPTION - MANUFACTURER	NOTES	PROVIDED BY TENANT INSTALLED BY G.C.	PROVIDED AND INSTALLED BY G.C.	CONTACT CONTRACTOR FOR TENANT FURNISHED PRICING
A	COMPACT VERTICAL FOUR ROLL COREless TOILET PAPER DISPENSER - GEORGIA PACIFIC, #56744	MOUNT AT 3'1" AFF TO TOP OF UNIT WITH CL 12" MAX. FROM FRONT EDGE OF TOILET		●	
B	TOILET GRAB BAR - 42" LONG, 1 1/2" DIA., SANIGUARD, #GB515-1142-Q	MOUNT 12" FROM REAR WALL 36" AFF (HOLD)		●	●
C	TOILET GRAB BAR - 36" LONG, 1 1/2" DIA., SANIGUARD, #GB515-1036-Q	MOUNT 6" FROM SIDE WALL 33" AFF (HOLD)		●	●
D	FRAMED 1/4" ANGLED MIRROR - 24" WIDTH X 36" HIGH BOBRICK B-293 2436	MOUNT WITH BOTTOM OF REFLECTIVE SURFACE AT 36" - 40" AFF		●	
E	WALL MOUNTED AUTOMATED TOUCHLESS TOWEL DISPENSER - GEORGIA PACIFIC, #59402	MOUNT BOTTOM OF UNIT AT 3'-4" AFF		●	
F	WALL MOUNTED SANITARY NAPKIN DISPOSAL TOUGH GUY, #1EDK9	STAINLESS STEEL MOUNT TOP OF UNIT AT 27" AFF		●	●
G	WALL MOUNTED TOILET SEAT COVER DISPENSER TOUGH GUY, #6CHX2	STAINLESS STEEL MOUNT TOP OF UNIT AT 30" TO 48" AFF		●	●
H	TOILET GRAB BAR - 18" LONG, 1 1/2" DIA., SANIGUARD, #GB515-1118-Q	MOUNT 40" FROM SIDE WALL 39" - 41" AFF		●	●
J	WALL MOUNTED TOUCH FREE SOAP DISPENSER GOJO TFX, #2740-12, "DOVE GRAY"	MOUNT TOP OF UNIT AT 46" AFF		●	

PARTITION SCHEDULE

MARK	RATING	NOTES	DESCRIPTION	DIAGRAM	DEPTH
G1 G2	--	FURRING PARTITION	5/8" GYPSUM BOARD ON OCCUPIED SIDE OF 3 5/8" (25 GA.) METAL STUDS AT 24" O.C. FROM FINISHED FLOOR TO 9'-0" AFF. PROVIDE CONTINUOUS 1" (MIN. R-6. CI) R9303 INSULATION BOARD (WALLMINUM FOIL FACE (BOTH SIDES) ON INTERIOR FACE OF CONCRETE WALL FULL HEIGHT. HOLD PARTITION A MINIMUM 1 3/8" FROM FACE OF CONCRETE WALL PANEL. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. PROVIDE WATER RESISTANT GYP. BOARD @ TOILET ROOM PARTITION. TOTAL WALL ASSEMBLY U-VALUE = 0.110 (R-9.09) G2 - SAME AS G1 ABOVE EXCEPT PROVIDE 6" (18 GA) METAL STUDS G3 - SAME AS G1 ABOVE EXCEPT HOLD PARTITION A MINIMUM 5" FROM FACE OF CONCRETE WALL PANEL	1 3/8" MIN. 5" MIN.	4 1/4" (0 5/8" TOTAL TO FACE OF PANEL) 6 1/4" (0 5/8" TOTAL TO FACE OF PANEL)
G4	--	FULL HEIGHT GUARD HOUSE PARTITION	5/8" GYPSUM BOARD FROM FINISHED FLOOR TO BOTTOM OF DECK ABOVE ON BOTH SIDES OF 3 5/8" (20 GA) METAL STUDS @ 16" O.C. W/SOUND BATT INSULATION FULL HEIGHT. TAPE ALL SEAMS. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES.		4 7/8"

GUARD HOUSE SYMBOL LEGEND

	GUARD HOUSE CODED NOTE TAG
101	DOOR NUMBER TAG (SEE SHEET GH-102 FOR SCHEDULE)
	WALL PARTITION TAG
W1 A-401	WINDOW TAG (SEE SHEET GH-103 FOR UNIT ELEVATIONS)
	MATERIAL / FINISH TAG (SEE SHEET A-201 & A-180 FOR MATERIAL FINISH KEY)
	TOILET ROOM CODED NOTE TAG

RYAN

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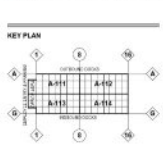
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KEY PLAN



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LICENSE NUMBER: 07404

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SECONDARY GUARD HOUSE PLANS AND NOTES

GH-105

3/3/2021 6:08:51 PM

GUARD HOUSE MATERIAL FINISH KEY

MARK	MAUFACTURER	DESCRIPTION	REMARKS	MARK	MAUFACTURER	DESCRIPTION	REMARKS
PAINT / TEXTURED ACRYLIC COATING				INTERIOR PAINT			
P-2	SHERWIN WILLIAMS	SEMI-GLOSS PAINT (LOW VOC) MATCH COLOR SW #7616 "MINDFUL GRAY"	EXTERIOR HOLLOW METAL DOORS AND FRAMES	PT-1	BENJAMIN MOORE	#2121-70 "CHANTILLY LACE" (LOW VOC)	GYPSUM BOARD PARTITIONS
P-5	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR SW #9174 "MOTH WING"	EXTERIOR FIELD COLOR AT GUARDHOUSE	PLASTIC LAMINATE			
P-7	SHERWIN WILLIAMS	SEMI-GLOSS PAINT (LOW VOC) "SAFETY YELLOW"	STEEL BOLLARDS AND CURBS	PL-1	FORMICA	"DOVER WHITE" #7197-58	APPLY PER MANUF. INSTRUCTION CONTACT ADHESIVES - LESS THAN 80 g/L
P-8	SHERWIN WILLIAMS	SEMI-GLOSS PAINT, "BLACK" (OPTIONAL AS VINYL DECAL)	EXTERIOR ACCENT COLOR AT GUARDHOUSE	VINYL BASE			
PREFINISHED METAL				VB-1	JOHNSONITE	4" VINYL BASE - COVE BASE (USE AT SC-1)	#48 "GREY"
MTL-1	PAC-CLAD	24 GA PREFINISHED ALUMINUM COLOR - "GRANITE"	METAL COPING	SEALED CONCRETE			
STOREFRONT / WINDOW SYSTEM				SC-1	EUCLID CHEMICALS	EUCOBAL	INSTALL PER MANUF. SPECIFICATIONS FLOOR COATINGS - LESS THAN 100 g/L
SF-1	KAWNEER	TRIFAB VG 451-T PREFINISHED ALUMINUM COLOR - DARK BRONZE	STOREFRONT / DOOR SYSTEM (TYP.)	CERAMIC TILE			
ACOUSTIC CEILING TILE				CT-3	DALTILE	18" x 18" PORCELAIN FLOOR TILE	CITY VIEW #CV02 "SKYLINE GRAY" GROUT - MAPEI #11 "SAHARA BEIGE"
ACT-1	ARMSTRONG	24"x48"x5/8" CORTEGA MINABOARD #769 TILE WITH WHITE 15/16" GRID	EXPOSED "T" CEILING GRID	CT-4	DALTILE	6" x 12" PORCELAIN COVE BASE (USE COVE BASE AT CORNERS ON OUTSIDE CORNERS	CITY VIEW #6-36CBT "SKYLINE GRAY" GROUT - MAPEI #11 "SAHARA BEIGE"
FIBERGLASS WALL PANEL							CERAMIC TILE ADHESIVES - LESS THAN 65 g/L GROUT - UL TRAMASTIC ECO - MAPEI FLOOR AND WALL TILE ADVESIVE - LESS THAN 65 g/L
FRP-1	CRANE KEMLITE	.06" THICK FIRE-X GLASSBOARD FM w/ SURFASEAL, CLASS A	WHITE, #85 INSTALL w/ VINYL MOULDINGS & TRIM				

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G6 RECESSED LIGHT FIXTURES. (SEE ELECTRICAL SHEETS)
G7 SUSPENDED ACOUSTIC CEILING SYSTEM. (ACT-1) (SEE REFLECTED CEILING PLAN)
G8 EMERGENCY EGRESS LIGHT SIGN. (SEE ELECTRICAL SHEETS)
G9 PREFIN. 5" x 4" METAL (24GA) DOWNSPOUT WITH PREFIN. METAL STRAPS. HOLD TIGHT TO FACE OF WALL CONSTRUCTION (MTL-1). PROVIDE CLEANOUT AT BASE OF DOWNSPOUT LEADER. SEE PLUMBING SHEETS. SEE DETAIL E/GH-106.
G10 WALL MOUNTED FIRE EXTINGUISHER WITH BRACKET.
G11 LINE OF ROOF BEYOND OR ABOVE.
G12 LINE OF CONCRETE FOUNDATION. (SEE STRUCTURAL SHEETS)
G13 8" DIA. CONCRETE-FILLED STEEL BOLLARD WITH "SAFETY YELLOW" PLASTIC SLEEVE COVER. (SEE SIMILAR DETAIL C/A-153)
G14 PREFINISHED METAL FASCIA, EDGE FLASHING OR COPING. (MTL-1)
G15 CONCRETE SIDEWALK (SEE CIVIL SHEETS)
G16 LINE OF CONCRETE CURB AND PAD. (SEE CIVIL SHEETS) PAINT CURB FACE SAFETY YELLOW
G17 CONCRETE PAVING. (SEE CIVIL SHEETS)
G18 SURFACE MOUNTED WALL PACK LIGHT. MOUNT AT 12'-3" A.F.F. (SEE ELECTRICAL SHEETS)
G19 MAIN ELECTRICAL PANEL. PROVIDE LOCKABLE DOOR. (SEE ELECTRICAL SHEETS)
G20 YELLOW PAINTED STRIPING. (SEE CIVIL SHEETS)
G21 DUCTLESS MINI-SPLIT HVAC SYSTEM. TOP OF WALL UNIT TO BE 7'-11" A.F.F. PUMP UNIT CONDENSATE UP THROUGH ROOF AND DISCHARGE INTO ROOF DRAIN. (SEE MECHANICAL & ELECTRICAL SHEETS)
G22 6'-0" HIGH SECURITY FENCE. (SEE CIVIL SHEETS)
G23 24" WIDE WHITE PAINTED STOP BAR. (SEE CIVIL SHEETS)
G24 COORDINATE RECEIVER LOCATION WITH GATE ATTACHED CANE BOLT.
G25 ANSI-COMPLIANT ALUMINUM THRESHOLD SET IN FULL BED OF SEALANT.
G26 SURFACE MOUNTED, HINGED DOOR FIRE DEPARTMENT KNOX BOX WITH TAMPER SWITCH. MOUNT AT 4'-6" ABOVE FINISH GRADE. (KNOX-BOX 3200 SERIES)
G27 PAINTED PAVEMENT GRAPHICS. (SEE CIVIL SHEETS)
G28 POST MOUNTED SITE SIGNAGE. (SEE CIVIL SHEETS)
G29 ANSI 117.1 COMPLIANT ACCESSIBLE CURB RAMP. (SEE CIVIL SHEETS)
G30 SITE LIGHTING POLES & FIXTURES AND C.I.P. CONCRETE POLE BASE. (SEE CIVIL AND ELECTRICAL SHEETS)
G31 PAIR OF 18'-6"W x 6'-0"H GALVANIZED MANUAL SWING GATES WITH DROP ROD AND LOCKING HARDWARE. IF REQUIRED, PROVIDE GATE WITH RUBBER ROLLERS OR TIRES. IN-GROUND TRACK SYSTEMS ARE NOT ALLOWED.
G32 SINGLE 18'-6"W x 6'-0"H GALVANIZED MANUAL SWING GATES WITH DROP ROD AND LOCKING HARDWARE. IF REQUIRED, PROVIDE GATE WITH RUBBER ROLLERS OR TIRES. IN-GROUND TRACK SYSTEMS ARE NOT ALLOWED.
G33 CARD READER, PROVIDED BY TENANT'S SECURITY VENDOR (N.I.C.). CONTRACTOR TO PROVIDE CONCEALED J-BOX & CONDUIT WITH PULL STRINGS, WITHIN FURRING. (SEE ELECTRICAL SHEETS.)
G34 3" WIDE x 1/2" DEEP CONCRETE PANEL REVEAL.
G35 AUTOMATIC LICENSE PLATE RECOGNITION SYSTEM (ALPR). PROVIDE (3) 6" BOLLARDS AT EACH LOCATION. (SEE CIVIL SHEETS)
G39 R-10 RIGID PERIMETER INSULATION, EXTEND 3'-0" HORIZONTALLY BELOW SLAB AT DOOR/ WINDOW OPENINGS.
G38 5/8" WATER RESIST TANK GYPSUM BOARD ON METAL CEILING JOISTS. (SEE SCHEDULE U.N.O.)
G39 LINE OF CEILING JOISTS ABOVE. (SEE SCHEDULE)
G39 PROVIDE 3 5/8" [25 GA.] HORIZONTAL METAL BRACING AT 48" O.C. PERPENDICULAR TO CEILING JOISTS. (TYP.)
G40 BLACK PAINTED BUILDING GRAPHICS. SEE DETAILS G & E/ GH-102
G41 CONDUIT TO MAIN BUILDING (SEE ELECTRICAL SHEETS)
G42 CEILING MOUNTED ELECTRIC HEATER (SEE MECHANICAL SHEETS)
G43 WATER COOLER TO BE PROVIDED AND INSTALLED BY TENANT. G.C. TO PROVIDE SHUT-OFF VALVE & OUTLET AT 24" A.F.F. (SEE ELECTRICAL & PLUMBING SHEETS)
G44 SECURITY PANEL. (SEE SECURITY DRAWINGS)
G45 WIRELESS ACCESS POINT (WAP) BY TENANT'S I.T. VENDOR (N.I.C.) CONTRACTOR TO COORDINATE INSTALLATION WITH TENANT'S REP.
G46 2" ELECTRICAL AND 2" DATA CONDUIT. (SEE SECURITY, TELECOM AND ELECTRICAL DRAWINGS)
G43 PROVIDE QUAZITE OR APPROVED EQUAL CONDUIT BOXES. (SEE ELECTRICAL SHEETS)
G48 6" HIGH CONCRETE HOUSEKEEPING PAD FOR GROUND MOUNTED CONDENSING UNIT
G49 CONDENSING UNIT. (SEE MECHANICAL SHEETS)

TOILET ROOM ACCESSORIES

MARK	DESCRIPTION - MANUFACTURER	NOTES	PROVIDED BY TENANT INSTALLED BY G.C.	PROVIDED AND INSTALLED BY G.C.	CONTACT GRAINGER FOR PREFINISHED FINISHES
A	COMPACT VERTICAL FOUR ROLL CORELESS TOILET PAPER DISPENSER - GEORGIA PACIFIC, #56744	MOUNT AT 3'1" AFF TO TOP OF UNIT WITH CL 12" MAX. FROM FRONT EDGE OF TOILET		●	
B	TOILET GRAB BAR - 42" LONG, 1 1/2" DIA., SANIGUARD, #GB515-1142-Q	MOUNT 12" FROM REAR WALL 36" AFF (HOLD)		●	●
C	TOILET GRAB BAR - 36" LONG, 1 1/2" DIA., SANIGUARD, #GB515-1136-Q	MOUNT 6" FROM SIDE WALL 33" AFF (HOLD)		●	●
D	FRAMED 1/4" ANGLED MIRROR - 24" WIDTH X 36" HIGH BOBRICK B-293 2436	MOUNT WITH BOTTOM OF REFLECTIVE SURFACE AT 36" - 40" AFF		●	
E	WALL MOUNTED AUTOMATED TOUCHLESS TOWEL DISPENSER - GEORGIA PACIFIC, #58462	MOUNT BOTTOM OF UNIT AT 3'-4" AFF		●	
F	WALL MOUNTED SANITARY NAPKIN DISPOSAL, TOUGH GUY, #1EC63	STAINLESS STEEL MOUNT TOP OF UNIT AT 27" AFF		●	●
G	WALL MOUNTED TOILET SEAT COVER DISPENSER TOUGH GUY, 1HDK2	STAINLESS STEEL MOUNT TOP OF UNIT AT 30" TO 48" AFF		●	●
H	TOILET GRAB BAR - 18" LONG, 1 1/2" DIA., SANIGUARD, #GB515-1118-Q	MOUNT 40" FROM SIDE WALL 39" - 41" AFF		●	●
J	WALL MOUNTED TOUCH FREE SOAP DISPENSER GOJO TFX, #2740-12, "DOVE GRAY"	MOUNT TOP OF UNIT AT 46" AFF		●	

PARTITION SCHEDULE

MARK	RATING	NOTES	DESCRIPTION	DIAGRAM	DEPTH
G1 G2	--	FURRING PARTITION	5/8" GYPSUM BOARD ON OCCUPIED SIDE OF 3 5/8" (25 GA.) METAL STUDS AT 24" O.C. FROM FINISHED FLOOR TO 9'-0" AFF. PROVIDE CONTINUOUS 1" (MIN. R-6. CI) R1030 INSULATION BOARD W/ALUMINUM FOIL FACE (BOTH SIDES) ON INTERIOR FACE OF CONCRETE WALL. FULL HEIGHT. HOLD PARTITION A MINIMUM 1 3/8" FROM FACE OF CONCRETE WALL PANEL. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. PROVIDE WATER RESISTANT GYP BOARD @ TOILET ROOM PARTITION. TOTAL WALL ASSEMBLY U-VALUE = 0.112 (R-9.09) G2 - SAME AS G1 ABOVE EXCEPT PROVIDE 6" (18 GA) METAL STUDS G3 - SAME AS G1 ABOVE EXCEPT HOLD PARTITION A MINIMUM 5" FROM FACE OF CONCRETE WALL PANEL	1 3/8" MIN. 5" MIN.	4 1/4" (5 5/8" TOTAL TO FACE OF PANEL) 6 1/4" (7 5/8" TOTAL TO FACE OF PANEL)
G4	--	FULL HEIGHT GUARD HOUSE PARTITION	5/8" GYPSUM BOARD FROM FINISHED FLOOR TO BOTTOM OF DECK ABOVE ON BOTH SIDES OF 3 5/8" (20 GA) METAL STUDS @ 16" O.C. W/SOUND BATT INSULATION. FULL HEIGHT. TAPE ALL SEAMS. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES.		4 7/8"

GUARD HOUSE SYMBOL LEGEND

- GUARD HOUSE CODED NOTE TAG
- DOOR NUMBER TAG (SEE SHEET GH-102 FOR SCHEDULE)
- WALL PARTITION TAG
- WINDOW TAG (SEE SHEET GH-103 FOR UNIT ELEVATIONS)
- MATERIAL / FINISH TAG (SEE SHEET A-201 & A-160 FOR MATERIAL FINISH KEY)
- TOILET ROOM CODED NOTE TAG

GUARD HOUSE DOOR AND FRAME SCHEDULE

MARK	DESCRIPTION/ LOCATION (QTY)	SIZE	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	HARDWARE / EQUIP.	FIRE RESIST. RATING	COMMENTS
G100, G102 G200, G202	GUARD HOUSE DOOR (4)	(2) 3'-0" X 7'-0" X 1 3/4"	D9	HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	EXSH-103	EXSH-103	EXSH-103	9	--	--
G101 G201	GUARD HOUSE TOILET ROOM DOOR (2)	(2) 3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	EXSH-103	EXSH-103 SIM	EXSH-103	9B	--	--

1. ALL EXTERIOR HOLLOW METAL DOOR FRAMES ARE TO BE GROUTED SOLID. COAT INTERIOR OF FRAME WITH "SHERWIN WILLIAMS - PRO-INDUSTRIAL PRO-CRYL UNIVERSE ACRYLIC PRIMER PRIOR TO GROUTING
2. PROVIDE RUST INHIBITOR COATING AND STAINLESS STEEL SCREWS/FASTENERS ON ALL HARDWARE ITEMS AT EXTERIOR DOORS PER MANUF. SPECIFICATIONS.
3. PAINT EXTERIOR SIDE OF ALL HOLLOW METAL DOOR FRAMES AND DOORS SEMI-GLOSS (P-2) (U.N.O.)
4. G.C. TO COORDINATE DOOR HARDWARE w/ MANUFACTURER AND SECURITY DOCUMENTS.
5. VERIFY ALL ROUGH OPENING SIZES AND REQUIREMENTS WITH DOOR MANUFACTURER.
6. ALL LOCKSETS TO BE PROVIDED WITH A REMOVABLE CONSTRUCTION CORE SUPPLIED BY HARDWARE MANUFACTURER.
7. LATCHES TO BE MOUNTED AT 4'-8" A.F.F.
8. ALL DOOR LOCKSETS / PASSAGE SETS SHALL BE OF THE LEVER HANDLE TYPE. HARDWARE SHALL BE MOUNTED TO HIGHER THAN 48" ABOVE FINISHED FLOOR (MOUNT OPERABLE PARTS OF HARDWARE BETWEEN 34" TO 48" AFF). PROVIDE LEVER HARDWARE AT ALL HANDICAPPED ACCESSIBLE DOORS PER ICC/ANSI A117.1-17. FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5.0 LBS MAXIMUM.
9. PER ANSI A117.1-17 MINIMUM MANEUVERING CLEARANCE AT DOORS THAT ARE NOT AUTOMATIC OR POWER-ASSISTED / FOR FRONT APPROACHES TO PUSH SIDE OF DOORS, NOT EQUIPPED WITH LATCH AND CLOSER SHALL HAVE MANEUVERING SPACE THAT IS THE SAME WIDTH AS DOOR OPENING AND EXTENDS 48" MINIMUM PERPENDICULAR TO THE DOORWAY. AT PULL SIDE OF DOOR, 18-INCH EXTENSION BEYOND LATCH SIDE OF DOOR IS PROVIDED.
10. MAXIMUM PULL FORCES FOR EXTERIOR DOORS TO BE 15.0 LBS, AND MAXIMUM PULL FORCES FOR INTERIOR DOORS TO BE 5.0 LBS
11. PROVIDED "EXIT" SIGN. SEE SIGN DETAIL W/AG-101

GUARD HOUSE DOOR HARDWARE SCHEDULE

HARDWARE SET #9 — ACCESS CONTROLLED GUARDHOUSE DOOR — HOLLOW METAL SINGLE DOOR

FUNCTION: ELECTRIFIED MORTISE LOCK WITH EXTERIOR LEVER, FAIL SECURE. INTEGRATED REQUEST TO EXIT, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4B3386 NRP 4-1/2" x 4-1/2"	US32D
1	ELECTRIFIED MORTISE LOCK - FAIL SECURE	SARGENT	RX-70-8271-12V LNP	US26D
1	DOOR LOOP	SECURITRON	TSB-C	US26D
1	DOOR CLOSER	NORTON	7500 REG / PA APPROPRIATE TO OPENING	689
1	KICKPLATE	ROCKWOOD	K1050 BAE 10" X 2" LDW	US32D
1	LATCH PROTECTOR	ROCKWOOD	329 / 321	--
1	DOOR STOP	ROCKWOOD	441	US26D
1	THRESHOLD	PEMKO	171A	ALUM.
1	RAIN GUARD	PEMKO	346C	--
1	WEATHERSTRIP SET	PEMKO	303APK	--
1	SWEEP	PEMKO	315CN	--
1	POSITION SWITCH	SECURITRON	DPS BY SECURITY CONTRACTOR	--
2	CARD READER	--	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	--
1	POWER SUPPLY	--	BY SECURITY CONTRACTOR	--

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READER, POWER SUPPLY AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR.

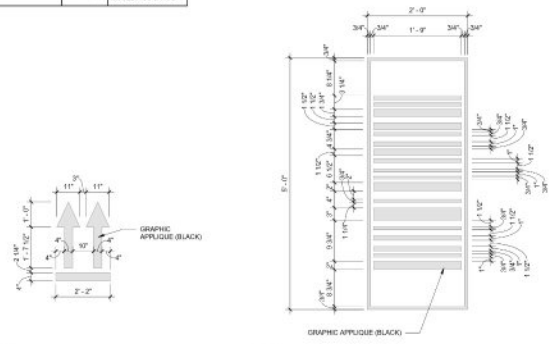
HARDWARE SET #85 — GUARD HOUSE TOILET ROOM — HOLLOW METAL SINGLE DOOR

FUNCTION: EXTERIOR LEVER, SERVICE STATION FUNCTION

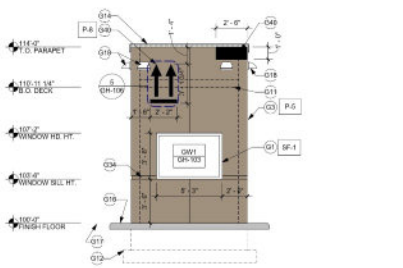
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4B3386 NRP 4-1/2" x 4-1/2"	US32D
1	SERVICE STATION LOCK	SARGENT	28-70 10044 LP	US26D
1	KICKPLATE	ROCKWOOD	K1050 BAE 10" X 2" LDW	US32D
1	DOOR CLOSER	NORTON	7500 REG / PA APPROPRIATE TO OPENING	689
1	COAT HOOK	ROCKWOOD	796	US26D
1	DOOR STOP	ROCKWOOD	441	US26D
1	THRESHOLD	PEMKO	171A	--
1	RAIN GUARD	PEMKO	346C	--
1	WEATHERSTRIP SET	PEMKO	303APK	--
1	SWEEP	PEMKO	315CN	--
1	WALL SIGN	ROCKWOOD	#8F688 / WOMEN'S #8F688 / MENS # 8F687	--
1	POSITION SWITCH	SECURITRON	DPS BY SECURITY CONTRACTOR	--

EXTERIOR COLOR LEGEND

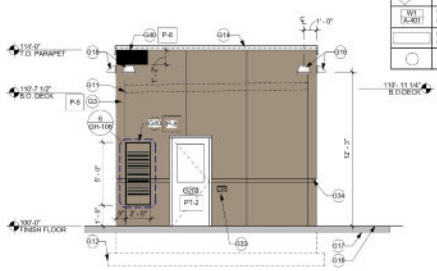
P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #1646 "FIRST STAR" (RGB 218 - 217 - 212)
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #1016 "MINDFUL STAR" (RGB 188 - 183 - 173)
P-3	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #1017 "DORIAN GREY" (RGB 172 - 167 - 158)
P-4	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #1018 "DOVETAIL" (RGB 144 - 138 - 131)
P-5	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #9174 "MOTH WING" (RGB 150 - 144 - 127)
P-6	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS "BLUE" PANTONE COLOR #2995C (RGB 0 - 169 - 224) (CMYK 65 - 1 - 0 - 0)
P-8	SHERWIN WILLIAMS SEMI-GLOSS MATCH COLOR "BLACK" (RGB 0 - 0 - 0)



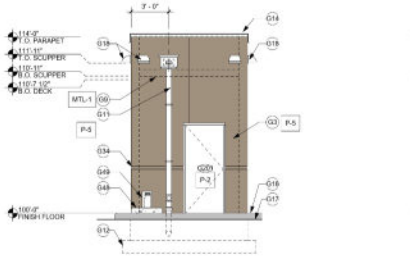
5 SECONDARY GUARD HOUSE GRAPHICS ARROWS (GH-106) 1/2" = 1'-0"
6 SECONDARY GUARD HOUSE GRAPHICS (GH-106) 1" = 1'-0"



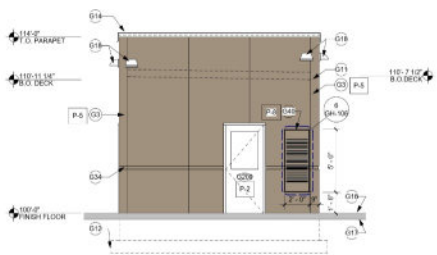
3 SECONDARY GUARD HOUSE NORTH ELEVATION (GH-106) 1/4" = 1'-0"



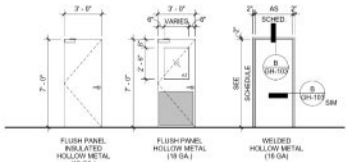
4 SECONDARY GUARD HOUSE WEST ELEVAATION (GH-106) 1/4" = 1'-0"



1 SECONDARY GUARD HOUSE SOUTH ELEVATION (GH-106) 1/4" = 1'-0"



2 SECONDARY GUARD HOUSE EAST ELEVATION (GH-106) 1/4" = 1'-0"



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OWNER

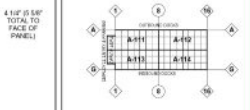
CONSULTANTS

IES Communications

Braemar Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

I HEREBY CERTIFY THAT PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mohs

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

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3/5/2021

SECONDARY GUARD HOUSE ELEVATIONS, GRAPHICS & SCHEDULES

GH-106

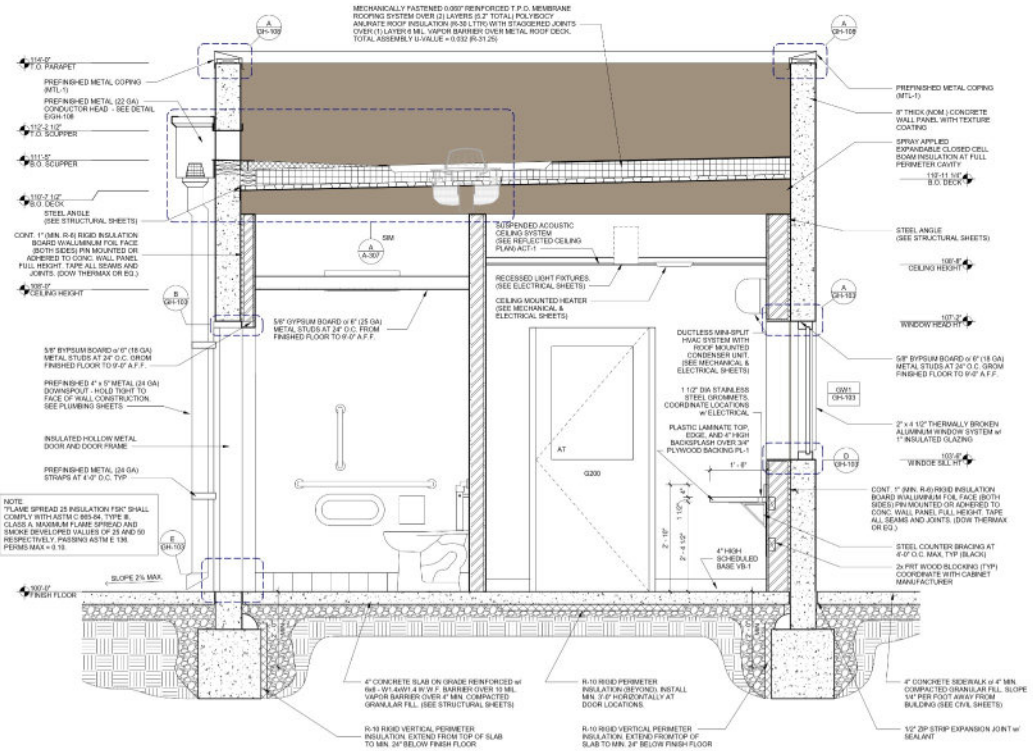
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WINDOW SYSTEM NOTES

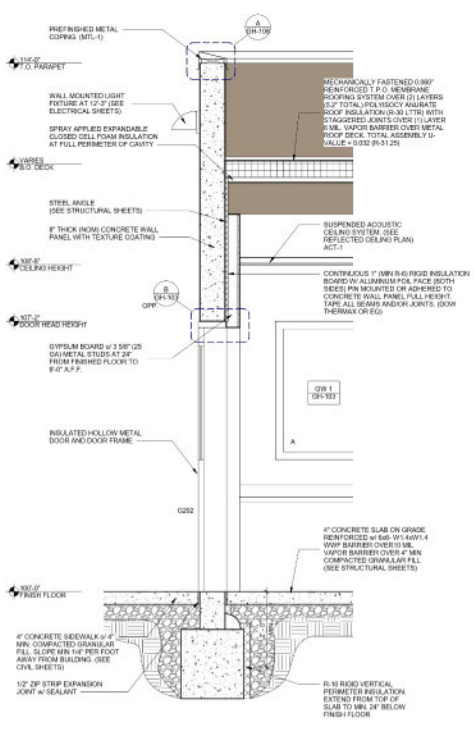
1. WINDOW SYSTEM TO BE 2" x 4 1/2" KAWNEER TRIFAB VG 451-T SYSTEM WITH 1" INSULATED GLASS UNLESS NOTED OTHERWISE. DARK BRONZE
2. PROVIDE 1/2" SHIM SPACE AT ALL HEAD, JAMB, AND SILL FRAME CONDITIONS.
3. PROVIDE END DAM SEALANT AT ALL SILL MEMBERS.
4. PROVIDE MANUFACTURER'S STANDARD SILL PAN RECEPTOR TRACK, SET IN SILL SEALANT - DO NOT SEAL OVER WINDOW SYSTEM WEEPS.
5. ALL PERIMETER ALUMINUM TO MASONRY JOINTS TO BE SEALED w/ SILICONE SEALANT TO MATCH STOREFRONT. CLEAN ALUMINUM SURFACE w/ ALCOHOL PRIOR TO SEALANT INSTALLATION.
6. ALL PREFINISHED ALUMINUM FLASHING AND STEEL COVERS TO BE .060 GA. MIN. TO MATCH WINDOW FINISH.
7. FIELD VERIFY ALL DIMENSIONS OF UNIT OPENINGS.

GLASS SCHEDULE

A	1" INSULATED GLASS (SEE SPECIFICATIONS) PPG SOLARBAN 60, "SOLARGRAY" TINT
AT	1" INSULATED TEMPERRED GLASS (SEE SPECIFICATIONS) PPG SOLARBAND 60, "SOLARGRAY" TINT



A GH-107 SECONDARY GUARD HOUSE SECTION
3/4" = 1'-0"



B GH-107 SECONDARY GUARD HOUSE WALL SECTION
3/4" = 1'-0"

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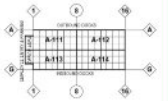
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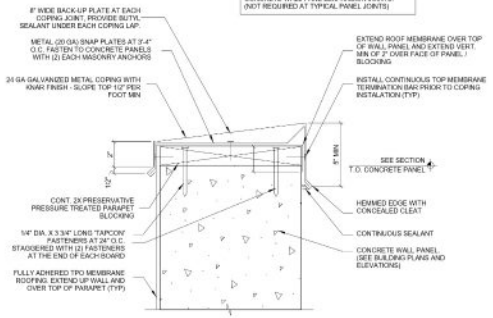
SECONDARY GUARD HOUSE SECTIONS

GH-107

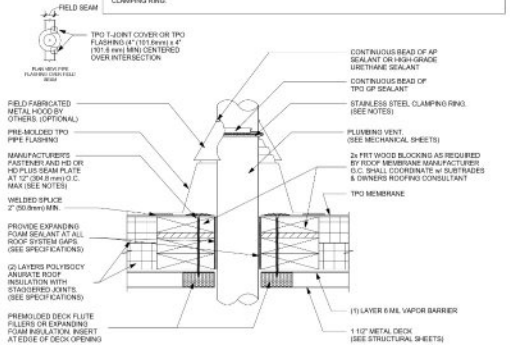
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NOTES -
1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.
2. REMOVE ALL EXISTING FLASHINGS, LEADS, ETC., PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
3. PIPE MUST BE ANCHORED TO ENSURE STABILITY.
4. PRE-MOLDED PIPE FLASHING MAY BE CUT TO HEIGHT, BUT NO LOWER THAN REINFORCING RING. (NO WRINKLES OR FOLDS UNDER CLAMPING RING)
5. APPLY GP SEALANT BETWEEN PENETRATION AND PRE-MOLDED PIPE FLASHING PRIOR TO INSTALLATION OF CLAMPING RING.
6. SMALL PRE-MOLDED PIPE FLASHING FITS 1" (25.4MM) - 3-1/2" (88.9MM) PENETRATION SIZES
7. LARGE PRE-MOLDED PIPE FLASHING FITS 4" (101.6 MM) - 8" (203.2MM) PENETRATION SIZES
8. DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 180 F. REFER TO MANUFACTURER'S DETAILS FOR HOT PIPE PENETRATIONS.
9. MANUFACTURER'S FASTENER AND HD SEAM PLATE REQUIRED FOR MECHANICALLY ATTACHED SYSTEM ONLY. IF FASTENER CANNOT BE INSTALLED AS ILLUSTRATED, REFER TO MANUFACTURER'S WEBSITE FOR ALTERNATE DETAILS.

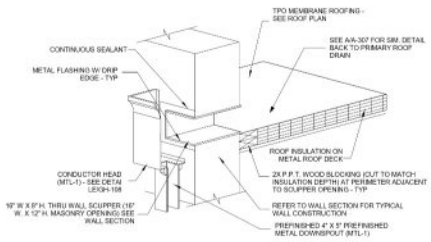
NOTE - PROVIDE MANUFACTURER'S STANDARD METAL COPING EXPANSION JOINT DETAIL AT ALL CONCRETE WALL PANE LEXPANSION JOINTS. (NOT REQUIRED AT TYPICAL PANEL JOINTS)



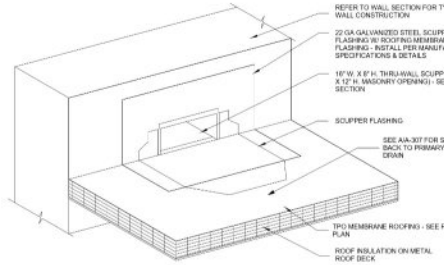
A GH-108 TYPICAL PARAPET DETAIL
3" = 1'-0"



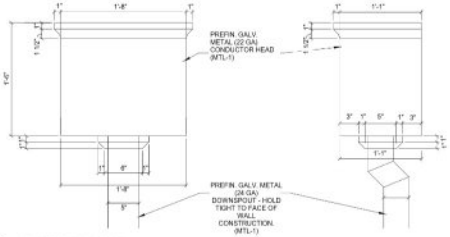
B GH-108 TYPICAL THRU-ROOF PIPE FLASHING
3" = 1'-0"



C GH-108 THRU-WALL SCUPPER
N.T.S.



D GH-108 THRU-WALL SCUPPER
N.T.S.



E GH-108 CONDUCTOR HEAD DEATIL
1 1/2" = 1'-0"

ROOF PLAN GENERAL NOTES

1. ALL CURBS, STACK VENTS, AND ROOF PENETRATIONS TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-303, THRU A-307 FOR STANDARD ROOF DETAILS.
2. ALL MEMBRANE TERMINATIONS & FLASHING TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-303 THRU A-307 FOR STANDARD ROOF DETAILS.
3. ALL COPING, EXPOSED FLASHING, & STEP FLASHINGS TO BE PREFINISHED #24 GA. METAL. SEE "SHELL BUILDING MATERIAL FINISH KEY" ON SHEET A-201.
4. ALL GUTTERS, DOWNSPOUTS, GRAVEL STOPS, FASCIAS, FLASHINGS, LOUVERS, SCREENT, METAL STRUCTURES, AND ROOF PENETRATIONS ARE TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-202 THRU A-307 FOR STANDARD ROOF DETAILS.
5. ROOFING CONTRACTOR SHALL OBTAIN AND FOLLOW MANUFACTURER'S STANDARDS DETAILS NOT SPECIFICALLY REFERENCED ON ARCHITECTURAL DRAWINGS RELATIVE TO GUTTERS, DOWNSPOUTS, GRAVEL SOPS, FASCIAS, FLASHINGS, LOUVERS, SCREENS, MTL. STRUCT., TERMINATIONS, COPINGS, & ANY ROOF PENETRATIONS TO BE INSTALLED AND FABRICATED AS PER SMACNA STANDARDS AND IN STRICT ACCORDANCE WITH ROOFING MANUFACTURER'S SPECIFICATIONS AS REQUIRED TO OBTAIN MANUFACTURER'S WARRANTY.
6. SEE MECHANICAL / PLUMBING DRAWINGS FOR ADDITIONAL NOTES & DETAILS.
7. VERIFY EXACT LOCATIONS OF ALL ROOF PENETRATIONS AND ROOF CURBS W/STRUCTURAL, PLUMBING, AND MECHANICAL DRAWINGS. DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.
8. ALL VENT LOCATIONS SHALL BE VERIFIED W/PLUMBING AND MECHANICAL DRAWINGS.
9. ALL ROOF SLOPES ARE TO HAVE MINIMUM 1/4" FALL WHERE CRICKETS OCCUR. CRICKETS ARE TO BE PROVIDED W/SUFFICIENT DEPTH AND SLOPE TO ACCOMODATE A MINIMUM OF 1/8" PER FOOT FALL AT A VALLEY.
10. PROVIDE EXPANDING FOAM INSULATION AT ROOF PERIMETER, OPENINGS, DRAINS, AND GAPS IN INSULATION BOARDS GREATER THAN 1/4".

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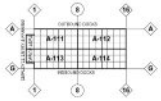
CONSULTANTS

IES Communications

Ericsson Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mois

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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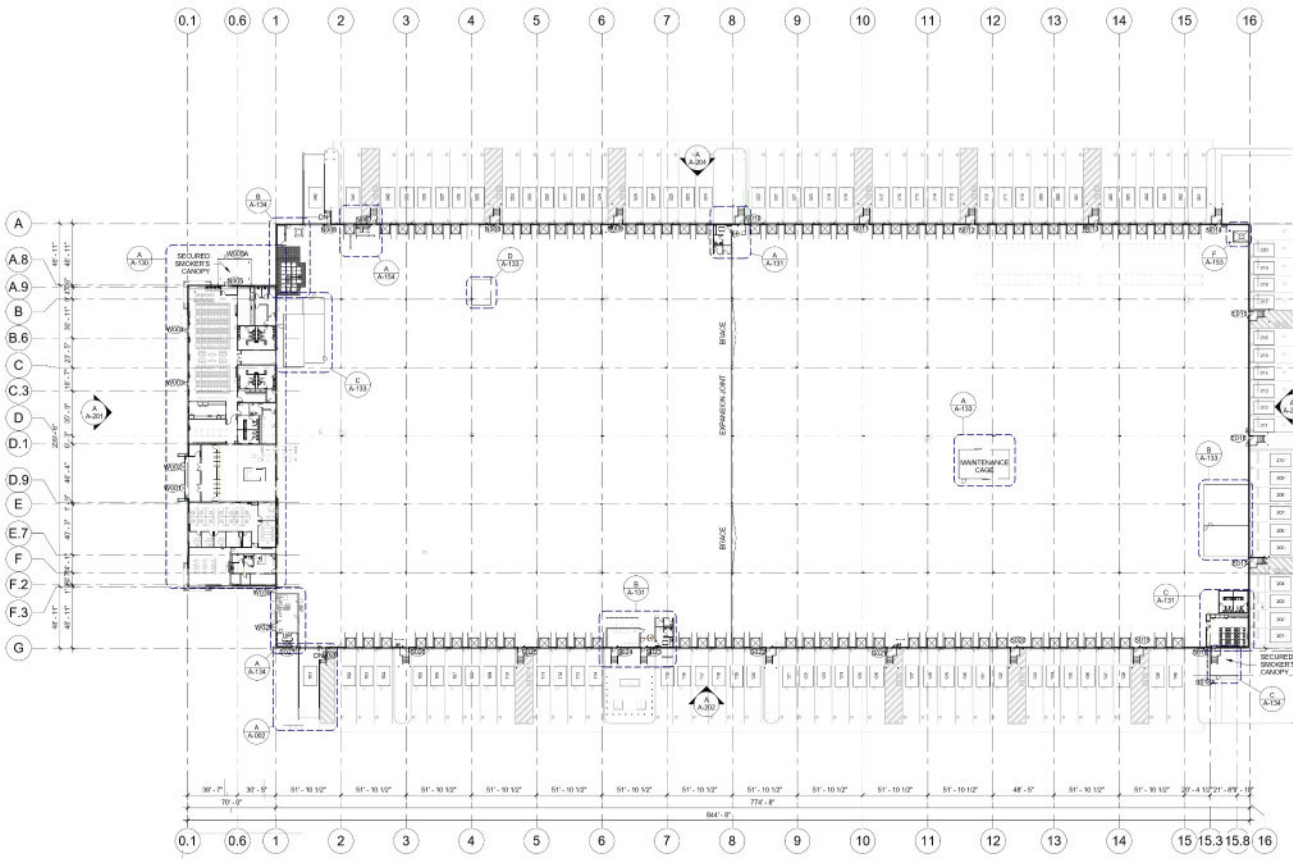
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3/5/2021

GUARDHOUSE ROOF DETAILS

GH-108

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A-110 OVERALL BUILDING PLAN
1" = 40'-0"

SHELL BUILDING PLAN CODED NOTES

NOTE - NOT ALL PLAN NOTES MAY BE USED. VERIFY WITH EACH SPECIFIC PROJECT REQUIREMENTS.

S1 PRECAST WALL PANELS WITH REVEALS AND TEXTURED PAINT COATING. PAINT EXPOSED INTERIOR FACE OF CONCRETE WALL PANELS. (PT-6)

S2 PANEL JOINT WITH SEALANT. (TYP) (SEE DETAILS F & L/A-404

S3 PANEL EXPANSION JOINT. (SEE DETAIL A/A-404 AND STRUCTURAL SHEETS)

S4 CONCRETE WALL PANELS WITH 1 1/2" WIDE PLANK, RANDOM DEPTH PATTERN. FITZGERALD FORMLINERS, PATTERN #10021. WWW.FORMLINERS.COM 1.800.547.7760

S5 CONCRETE STAIRS WITH 1 1/2" DIA. GUARDRAIL AND 1 1/4" DIA. HANDRAIL. (CLV-1) (SEE SHEET A-503)

S6 ANSI 117.1 COMPLIANT ACCESSIBLE CURB RAMP. (SEE CIVIL SHEETS)

S7 4" THICK (MIN.) CONCRETE SIDEWALK ON COMPACTED GRANULAR BASE. SLOPE 1/4" PER FOOT (2%) AWAY FROM BUILDING. CONCRETE TO BE STANDARD GRAY CONCRETE WITH LIGHT BROOM FINISH UNLESS NOTED OTHERWISE. (SEE CIVIL SHEETS)

S8 (EH DECORATIVE LIGHT POLE AND FIXTURE. (SEE CIVIL AND ELECTRICAL DRAWINGS)

S9 CONCRETE DOCK PAD TO EXTEND 60'-0" FROM FACE OF BUILDING. (SEE CIVIL ENGINEERING SHEETS FOR THICKNESS AND SLOPES)

S10 CONCRETE RAMP, RETAINING WALLS, AND STAIRS WITH PAINTED METAL GUARDRAIL AT DRIVE-THRU OVERHEAD DOORS. (SEE STRUCTURAL SHEETS) (SEE DETAILS ON A/A-503)

S11 1 1/2" SQ. TUBE PAINTED METAL MEZZANINE GUARDRAIL AT 42" A/F WITH INTERMEDIATE RAILS AND POSTS AT 4'-0" O.C. MAX PAINT PT-9 OR PT-10. PAINT TOE KICK.

S12 2" DIA. GALVANIZED METAL GUARDRAIL AT 42" A/F WITH INTERMEDIATE RAIL AT 21" A/F AND POSTS AT 6'-0" O.C. MAX.

S13 8" DIA. GALVANIZED CONCRETE-FILLED STEEL BOLLARDS AT GUARD HOUSE, FIRE HYDRANTS AND FIRE DEPARTMENT CONNECTIONS. PROVIDE REPLACEABLE YELLOW SLEEVE. (TYP) (SEE SIMILAR DETAIL C/A-153)

S14 6" DIA. GALVANIZED CONCRETE-FILLED STEEL BOLLARD. PROVIDE REPLACEABLE YELLOW SLEEVE. (SEE DETAILS B, C, D & F/A-153)

S15 KNOCK-OUT PANEL FOR FUTURE WINDOW/DOCK DOOR AND LEVELER SHOWN DASHED (TYP)

S16 PREFINISHED ALUMINUM WINDOW SYSTEM WITH 1" INSULATED GLAZING. SEE ELEVATIONS ON SHEET A-401.

S17 3'-0" X 7'-0" WIDE STILE ALUMINUM STOREFRONT ENTRANCE DOOR(S) WITH 1" INSULATED TEMPERED CLEAR GLASS. (SEE DOOR AND FRAME SCHEDULE ON SHEET A-600) (SF-1)

S18 INSULATED HOLLOW METAL SERVICE DOOR AND FRAME. PAINT SEMI-GLOSS. GROUT FRAMES SOLID AT CONCRETE WALL OPENINGS. (SEE DOOR AND FRAME SCHEDULE ON SHEET A-600)

S19 14'-0" X 16'-0" INSULATED OVERHEAD SECTIONAL DRIVE-THRU DOOR. (SEE DOOR AND FRAME SCHEDULE ON SHEET A-600) PROVIDE (4) 6" DIA. BOLLARDS PER DETAILS C & D/A-153 (TYP)

S20 9'-0" X 10'-0" INSULATED OVERHEAD SECTIONAL DOCK DOOR & DOCK LEVELER EQUIPMENT. WHERE SCHEDULED. (SEE DOCK EQUIPMENT SCHEDULE ON SHEET A-600. (SEE 'DOOR AND FRAME SCHEDULE' ON SHEET A-600. SEE SPECIFICATIONS AND DETAILS ON SHEET A-604)

S21 2" C.T." BLACK VINYL COATED WOVEN WIRE MESH (10 GA.) SECURITY FENCING. TERMINATE ENCLOSURE AT UNDERSIDE OF CANOPY STRUCTURE (+/- 14'-0". SEE DRAWINGS). (WIRE CRAFTERS, 1.800.626.1816 OR APPROVED EQUAL)

S22 2" X 1" BLACK VINYL COATED WOVEN WIRE MESH (19 GA) SECURITY GATE WITH EXIT DEVICE. (SEE 'DOOR AND FRAME SCHEDULE ON SHEET A-600) (WIRE CRAFTERS, 1.800.626.1816 OR APPROVED EQUAL)

S23 ICC / ANSI A117.1 COMPLIANT WALL MOUNTED EXIT SIGN (SEE DETAIL W/AG-101)

S24 CHECKER PLATES STAIRS AND LANDINGS WITH METAL GUARDRAILS AND HANDRAILS (SEE SECTIONS)

S25 TUBE STEEL SUPPORT POSTS AT 'SECURITY PARTITION FRAMING ASSEMBLY' (SEE STRUCTURAL SHEETS.)

S26 GAS METER SET. (SEE PLUMBING SHEETS)

S27 DOMESTIC WATER SERVICE & BACK FLOW PREVENTER, IRRIGATION, & DEDUCT METERS. (SEE PLUMBING SHEETS)

S28 HOSE BIBB (SEE PLUMBING SHEETS). PROVIDE FROST PROOF SILLCOCK AT EXTERIOR WALLS. ENSURE ALL PIPING IS WITHIN THE THERMAL ENVELOPE.

S29 PRIMARY ROOF DRAIN WITH VERTICAL LEADER. PROVIDE CLEAN OUT ACCESS COVER AS REQUIRED. (TYP) (SEE PLUMBING SHEETS FOR SIZES. SEE CIVIL SHEETS FOR CONTINUATION. (SEE ROOF PLAN SHEETS & DETAILS B, C, & D ON A-306)

S30 SECONDARY ROOF DRAIN W/STAINLESS STEEL OVERFLOW COVER W/HINGED PERFORATED COVER. SEE PLUMBING SHEETS FOR SIZE. MOUNT AT 24" ABOVE FINISHED ADJACENT SURFACE. EQUAL TO ZURN MODEL #Z199-DC. WWW.ZURN.COM 1.814.455.0921 (SEE DETAIL F/A-306)

S31 40' H ALUMINUM FLAG POLE WITH CONCRETE BASE. O.C. SHALL PROVIDE GROUND MOUNTED LIGHT FIXTURE AT EACH POLE. (SEE CIVIL AND ELECTRICAL SHEETS)

S32 NEW HEAVY DUTY BUNDER BIKE RACK BY MADRAX (1.800.446.7691). MODEL #HX25B-17-SF. (TYPICAL OF 1) PREFIN. BLACK. SEE CIVIL PLANS FOR LOCATIONS

S33 8'-0"H CHAIN LINK SECURITY FENCE W/BLACK VINYL COATING. (TYPICAL) BARBED WIRE NOT PROVIDED BY REAL ESTATE. (SEE CIVIL SHEETS)

S34 EXTERIOR GALVANIZED METAL STAIR WITH 1 1/2" DIA. GUARDRAIL AND 1 1/4" DIA. HANDRAIL. PROVIDE (2) 8" DIA BOLLARDS. (SEE PLAN ENLARGEMENTS ON SHEET A-402 & CIVIL SHEETS FOR FINAL GRADES)

S35 LINE OF EXTERIOR CANOPY ABOVE. (SEE SECTION)

S36 PREFINISHED METAL (22 GA.) METAL SCUPPER BOX AND 6" X 6" METAL (22 GA.) DOWNSPOUT. (SEE DETAILS A & B/A-307) CONNECT TO STORM SYSTEM BELOW GRADE. (SEE PLUMBING AND CIVIL SHEETS).

S37 CANOPY ROOF DRAIN WITH VERTICAL LEADER. PROVIDE CLEAN OUT ACCESS COVER AS REQUIRED. (TYP) SEE PLUMBING SHEETS FOR SIZES. (SEE DETAIL H/A-365) SEE CIVIL SHEETS FOR CONTINUATION. (SEE ROOF PLAN SHEETS).

S38 STEEL FRAMED ENTRY CANOPY WITH PREFINISHED COMPOSITE ALUMINUM PANEL FASCIA AND CEILING SYSTEM. (SEE BUILDING SECTION SHEET A-501 AND DETAIL H/A-305)

S39 STEEL TUBE OR W-SECTION BUILDING COLUMN. (SEE STRUCTURAL SHEETS) (SEE COLUMN PAINTING DETAILS ON DETAIL A/BG-105.

S40 STRUCTURAL STEEL BRACE FRAME - SEE STRUCTURAL SHEETS.

S41 1 1/2" DIA. PAINTED METAL GUARDRAIL AT 42" A/F WITH INTERMEDIATE RAIL AT 21" A/F AND POSTS AT 4'-0" O.C. MAX PAINT PT-6, 'SAFETY YELLOW'.

S42 ACP PANEL. SEE TELECOMMUNICATIONS SHEETS.

S43 LINE OF TENANT PROVIDED MATERIAL HANDLING EQUIPMENT AND CONVEYANCE SYSTEM.

S44 ROOF ACCESS HATCH AND LADDER. SEE SHEET A-303.

S45 FIRE EXTINGUISHER MOUNTED TO WALL OR COLUMN. PAINT 24" HIGH RED BAND ON COLUMN AT 20'-0" A/F

S46 WALL MOUNTED FIRE EXTINGUISHER W/BRACKET AND SIGN. 15 1/2" LB. HALOTRON EXTINGUISHER (2A-10B-C)

S47 MAIN FIRE SERVICE AND BACKFLOW PREVENTER WITH BOOSTER PUMP AND CONTROLS. (SEE FIRE PROTECTION AND CIVIL SHEETS).

S48 FIRE HYDRANT W/PROTECTIVE BOLLARDS. (SEE FIRE PROTECTION AND CIVIL SHEETS)

S49 MOTORIZED WALL LOUVER AT FIRE PUMP ROOM. (SEE MECHANICAL & ELECTRICAL SHEETS)

S50 FIRE DEPARTMENT CONNECTION (F.D.C.). (SEE FIRE PROTECTION AND CIVIL SHEETS)

S51 DOMESTIC WATER BOOSTER PUMP. SEE PLUMBING SHEETS.

S52 SURFACE MOUNTED, HINGED DOOR FIRE DEPARTMENT KNOX BOX W/TAMPER SWITCH. MOUNT AT 4'-6" ABOVE FINISH GRADE. (KNOX-BOX 3200 SERIES)

S53 CONCRETE-FILLED STEEL BOLLARDS W/STEEL CHANNEL GUARDS. PAINT PT-9 (SEE DETAIL A/A-155)

S54 FIRE RISER. PAINT RISER AS REQUIRED. PT-15. PROVIDE STEEL GUARDRAIL. (SEE FIRE PROTECTION SHEETS)

S55 FIRE ALARM SYSTEM SPEAKER/STROBE DEVICE. (SEE FIRE PROTECTION SHEETS)

S56 FIRE PUMP CONTROL PANEL. (SEE FIRE PROTECTION SHEETS)

S57 CARD READER BY SECURITY CONTRACTOR (N.I.C.). G.C. SHALL INSTALL JUNCTION BOX, CONDUIT AND PULL STRINGS. (SEE ELECTRICAL SHEETS)

S58 PROVIDE (1) LAYER 3/4"T.T. R.T. PLYWOOD FROM 3'-0" A/F. TO 7'-0" A/F X FULL PERIMETER OF ROOM. PAINT TO MATCH ADJACENT SURFACE.

S59 COMPACTOR PROVIDED AND INSTALLED BY TENANT. G.C. TO PROVIDE ELECTRICAL CONNECTIONS. G.C. TO COORDINATE WITH TENANT'S VENDOR. (SEE ELECTRICAL SHEETS) SEE 'DOCK EQUIPMENT SCHEDULE' ON SHEET A-600 FOR DOCK EQUIPMENT. (SEE DOOR AND FRAME SCHEDULE ON SHEET A-600)

S60 MDP CABINET ON 4" HIGH CONCRETE HOUSEKEEPING PAD. (SEE ELECTRICAL SHEETS)

S61 ELECTRICAL SERVICE EQUIPMENT, PANELS, OR DISCONNECT. COORDINATE LOCATIONS AND MOUNTING WITH TENANT IMPROVEMENTS. (SEE ELECTRICAL SHEETS)

S62 POWER COMPANY TRANSFORMER AND CONCRETE PAD. (SEE ELECTRICAL SHEETS)

S63 EMERGENCY BACK-UP GENERATOR AND CONCRETE PAD. (SEE ELECTRICAL SHEETS)

S64 8" DIA. CONCRETE-FILLED STEEL BOLLARDS AT GENERATOR AND TRANSFORMERS. PAINT 'SAFETY YELLOW'. (TYP) (SEE DETAIL B/A-153)

S65 ELECTRICAL MAIN SERVICE EQUIPMENT PANELS. (SEE ELECTRICAL SHEETS)

S66 LINE OF STRUCTURAL STEEL BRACE FRAME (SEE STRUCTURAL SHEETS)

S67 LINE OF UNIT HEATER ABOVE. (SEE MECHANICAL SHEETS)

S68 H.V.A.C. DUCT DROP. (SEE MECHANICAL SHEETS)

S69 ROOF MOUNTED H.V.A.C. UNIT ABOVE. (SEE MECHANICAL SHEETS FOR SIZES AND LOCATIONS) (SEE ROOF PLAN SHEETS) (NO SECURITY BARS)

S70 EXHAUST FAN. (IF REQUIRED) (SEE MECHANICAL AND ELECTRICAL SHEETS)

S71 DUCTLESS SPLIT SYSTEM. (SEE MECHANICAL & ELECTRICAL SHEETS)

S72 INTERIOR HOSE BIBB. (SEE PLUMBING SHEETS)

S73 AIR COMPRESSOR FLOOR DRAIN. (SEE PLUMBING SHEETS)

S74 FLOOR DRAIN. SLOPE FLOOR SLAB 1/4" PER FOOT TOWARDS DRAIN. (SEE PLUMBING SHEETS)

S75 WATER COOLER TO BE PROVIDED AND INSTALLED BY TENANT. G.C. TO PROVIDE SHUT-OFF VALVE & OUTLET AT 24" A/F. (SEE ELECTRICAL & PLUMBING SHEETS). FINAL NUMBER AND LOCATIONS TO BE DETERMINED BY TENANT.

S76 ACCESSIBLE DOOR OPERATOR ABOVE W/EXTERIOR PEDESTAL & REMOTE CONTROL BUTTONS. (SEE DOOR HARDWARE SCHEDULE & ELECTRICAL SHEETS) PROVIDE UNDERGROUND CONDUITS AS REQUIRED

S77 IDF CABINET PURNISHED BY TENANT AND INSTALLED BY G.C. G.C. TO PROVIDE POWER CONNECTIONS. (SEE ELECTRICAL SHEETS) SEE LATEST TELECOM DRAWINGS FOR LOCATIONS AND DETAILS.

S78 A/R. CHARGING UNIT ELECTRICAL PANEL. (SEE ELECTRICAL SHEETS)

S79 MDF DEN UNIT. SEE I.T. DOCUMENTS AND ELECTRICAL DRAWINGS

S80 PROVIDE (4) 4" CONDUITS FROM DEMARC ROOM UNDER SLAB FOR DATA SERVICE. STUB-UP THROUGH SLAB. (SEE ELECTRICAL SHEETS)

S81 9" HIGH CONCRETE SIDE WALK. SEE CIVIL SHEETS.

S82 4" WIDE X 90'-0" LONG YELLOW STRIPE PERPENDICULAR TO BUILDING. ALIGN WITH DRIVER'S SIDE EDGE OF DOCK DOOR OPENING. PROVIDE 24" HIGH YELLOW 3-DIGIT NUMBERIC MARKINGS (ARIAL) ON BLACK BACKGROUND. TYPICAL AT EACH DOCK AND TRAILER POSITION

S83 4" WIDE X 58'-0" LONG YELLOW STRIPE AT 12'-0" O.C. AT TRAILER PARKING (YELLOW)

S84 PAINTED STRIPED PATH AT DRIVER SERVICE ENTRANCE

S85 PAINTED PARKING STRIPING. (YELLOW OR WHITE)

S86 6'-0"L X 9'D X 6 1/2"H CONCRETE AUTO PARKING BLOCKS

S87 8' X 8' PREFINISHED METAL DOWNSPOUT (22 GA.)

S88 NEW TRUK WHEEL STOP. SEE CIVIL SHEETS FOR DETAILS.

S89 LINE OF THICKENED CONCRETE SLAB / TRENCH FOOTING FOR TENANT EQUIPMENT. (SEE STRUCTURAL SHEETS).

PLAN GENERAL NOTES

1. NOT USED
2. NO ITEMS OR DEVICES SHALL BE INSTALLED ON THE FACE OF ANY INTERIOR STRUCTURAL COLUMN WITHOUT THE WRITTEN APPROVAL OF TENANT, U.N.O.
3. PROVIDE NEW ILLUMINATED 'EXIT' SIGNS WITHIN THE WAREHOUSE AT LOCATIONS AGREED UPON BY THE AHJ. MAXIMUM SPACING SHALL NOT EXCEED 100' OR THE LISTED VIEWING DISTANCE OF THE SIGN, WHICHEVER IS LESS. FINAL LOCATIONS AND MOUNTING HEIGHTS SHALL BE DETERMINED AFTER TENANT'S MHE (CONVEYANCE), ROBOTICS SYSTEM (AJV) AND WAREHOUSE FIXTURES PLAN IS COMPLETED. CONTRACTOR SHALL COORDINATE FINAL LOCATIONS W/TENANT'S REP AND AHJ.
4. A/R FIELD NOTES:
   A.) SURVEY ENTIRE CONCRETE SLAB AND VERIFY THAT IS IS SMOOTH, FLAT / LEVEL AND IN LIKE NEW (GOOD) CONDITION.
   -COORDINATE SCOPE OF WORK W/OWNER'S REP.
   -WITHIN A R. FIELD, SLAB TO BE 'LEVELED' TO WITHIN 3/16" VERT. DIFFERENCE O/ LENGTH OF 10' LONG STRAIGHTEDGE.
   -TYPICAL AT JOINTS AND EXISTING COLUMNS.
   SAW CUT AND REMOVE DAMAGED, CRACKED / SPALLING AREAS AND PROVIDE NEW CONCRETE IN-FILL. GRIND 'RAISED' AREAS, AS REQUIRED TO PROVIDE SMOOTH SURFACE AND/OR TRANSITION.
   B.) FILL EXISTING FLOOR JOINTS (GREATER THAN 1/4" WIDE) WITH SEMI-RIGID JOINT FILLER BY METZGER/MCGUIRE, MM-80 OR APPROVED EQUAL. COLOR TO MATCH ADJACENT CONCRETE FLOOR SLAB. RESEAL SLAB AS REQUIRED, AT COMPLETION OF WORK, WET MOP FLOOR CLEAN AND 'TURN-OVER' TO TENANT'S VENDOR FOR INSPECTION & STICKERING.
   C.) FIELD MEASURE AND COORDINATE CONCRETE FLOOR REFLECTIVITY VALUES W/TENANT'S REP. REPAIRS AS DIRECTED BY TENANT.
   D.) DIMENSIONED A.R. FIELD IS SHOWN FOR REFERENCE AND TAKE-OFF PURPOSES ONLY. OWNER'S VENDOR SHALL PROVIDE EXACT A.R. FIELD / WORK STATION GATES / POWER & DATA DROP LAYOUT FOR PERMANENT INSTALLATION BY CONTRACTOR.
   E.) G.C. SHALL COORDINATE W/ OWNER'S REPRESENTATIVE AND ALL SUB-TRADES. NOTIFY VENDOR WHEN FLOOR IS READY FOR 1.) FENCE / GATE LAYOUT AND 2.) FINAL A.R. STICKERING.
   F.) **IMPORTANT!** FINAL FENCE / GATE / POWER & DATA DROP INSTALLATION SHALL BE PER VENDOR'S STAKED LAYOUT, WHICH WILL BE PROVIDED PRIOR TO CONTRACTOR'S ROUGH-IN DATE AND AFTER SLAB REPAIR IS COMPLETED. FENCE / GATE / POWER & DATA DROP REQUIREMENTS SHALL MATCH DETAILED SPECIFICATIONS AS NOTED HEREIN. SUBSTITUTIONS ARE NOT PERMITTED. OWNER RESERVES THE RIGHT TO REJECT ANY AND ALL WORK THAT DOES NOT CONFORM WITH VENDOR'S SPECIFICATIONS.

SYMBOL LEGEND

○	SHELL BUILDING CODED NOTE TAG (SEE SHEET A-110 FOR SCHEDULE)
123	DOOR NUMBER TAG (SEE SHEET A-600 FOR DOOR SCHEDULE)
	DOCK/COMPACTOR/DOOR NUMBER TAG (SEE SHEET A-600 FOR DOOR SCHEDULE)
W1 A-401	STOREFRONT SYSTEM TAG (SEE SHEET A-401 FOR UNIT ELEVATIONS)
X	GLAZING TAG (SEE SHEET A-401 FOR GLAZING SCHEDULE)
	MATERIAL / FINISH TAG (SEE SHEET A-201 & A-180 FOR MATERIAL FINISH KEY)
▶	BUILDING EXPANSION JOINT (SEE DETAIL A/A-404 AND STRUCTURAL SHEETS)
A	DOCK/COMPACTOR DOOR EQUIPMENT TAG (SEE SHEET A-600 FOR EQUIPMENT SCHEDULE)
◇	PARTITION TYPE (SEE SHEET A-150 FOR PARTITION SCHEDULE & DETAILS

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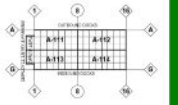
CONSULTANTS

IES Communications

Ramaker Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT — ERIC MOTS — IOWA — 3/31/21

I HEREBY CERTIFY THAT PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mots

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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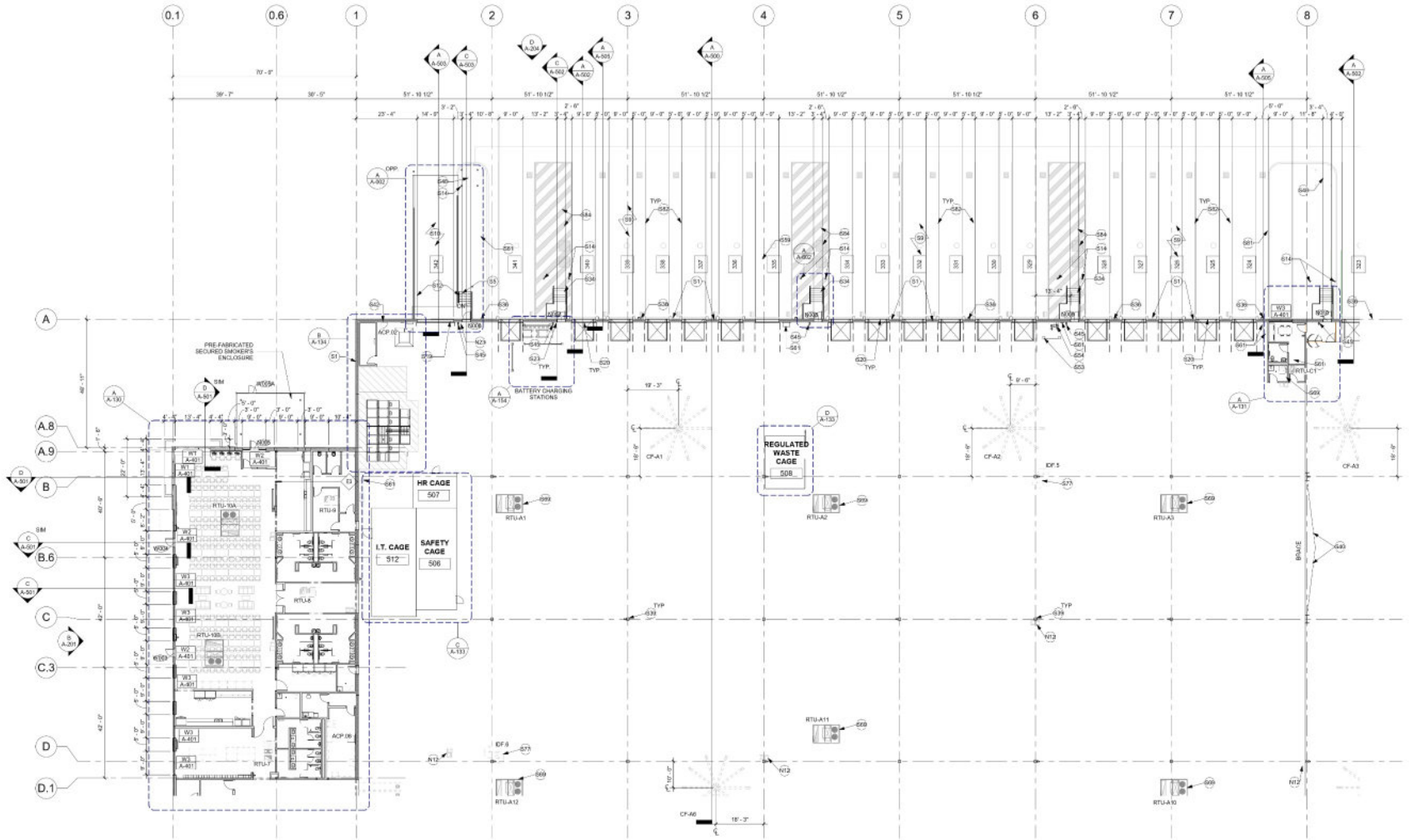
ISSUE #	DATE	DESCRIPTION
A	2.12.2021	STRUCTURAL STEEL SET
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

OVERALL BUILDING PLAN

A-110

3/3/2021 6:36:36 PM



A-111 PARTIAL BUILDING PLAN
SCALE: 1/16" = 1'-0"

NOTE - LOCATIONS OF ALL CEILING FANS (CF) SHALL BE COORDINATED SUCH THAT THE HUBS (CENTER OF FANS) ARE LOCATED CENTERED BETWEEN FOUR (4) SPRINKLER HEADS AND SUPPORTED BETWEEN (2) JOISTS. SUPPORT FAN BETWEEN (2) JOISTS PER MANUFACTURE INSTALLATION REQUIREMENTS AND DETAILS. PROVIDE ALL MOUNTING HARDWARE AND DETAILS IN SUBMITTALS. FAN SHALL BE INSTALLED AT AN ELEVATION TO ENSURE THE FAN BLADES AHVE A VERTICAL MINIMUM CLEARANCE OF 36" FROM ALL SPRINKLER DEFLECTORS (INSTALL AS HIGH AS POSSIBLE AFTER MEETING THIS REQUIREMENT). COORDINATE INTERFACE OF FANS WITH FIRE ALARM TO DEACTIVATE UPON FIRE ALARM PER NFPA 72. HVLS FANS INSTALLATION SHALL COMPLY WITH NFPA 13 2013 SECTION 11.1.7 HVLS FANS ALSO SHALL NOT BE INSTALLED WITHIN 75' OF A RTU SUPPLY DROP BOX.

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CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN

PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT — ERIC M. MOES — 07494 — IOWA — 3/3/21

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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701068	3/5/2021

ISSUE RECORD

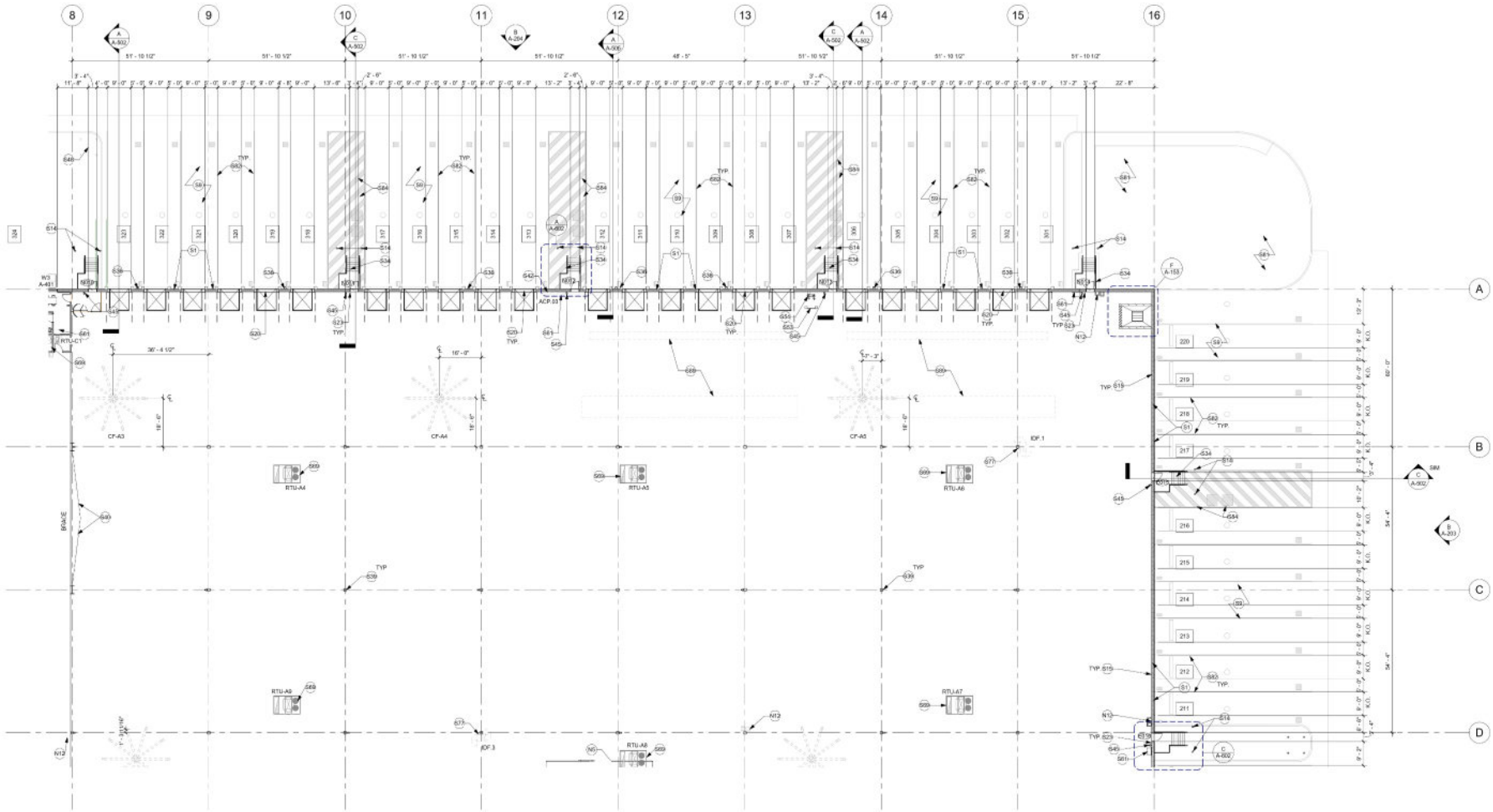
ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

PARTIAL BUILDING PLAN

A-111

3/3/2021 5:57:50 PM



A-112 PARTIAL BUILDING PLAN
SCALE: 1/16" = 1'-0"

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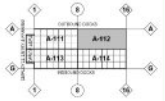
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Bramer Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



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PRINTED OR TYPED NAME: Eric Mohs

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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B	3.5.2021	PERMIT SET

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3/5/2021

PARTIAL BUILDING PLAN

A-112

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A A-113 PARTIAL BUILDING PLAN
SCALE: 1/16" = 1'-0"

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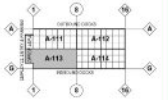
CONSULTANTS

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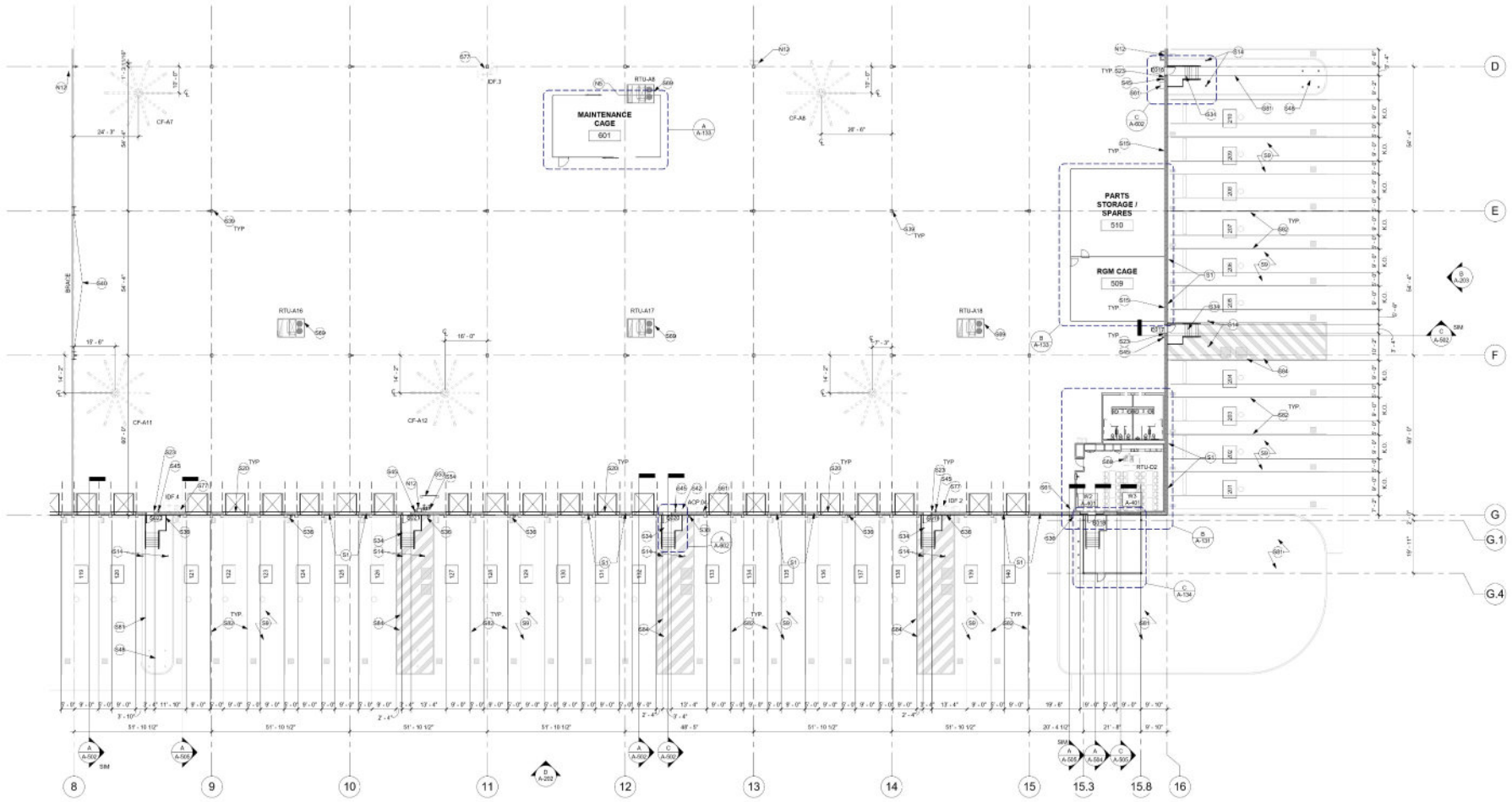
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B	3.5.2021	PERMIT SET

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3/5/2021

PARTIAL BUILDING PLAN

A-113

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A A-114 PARTIAL BUILDING PLAN
SCALE: 1/16" = 1'-0"

N

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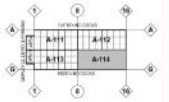
CONSULTANTS

IES Communications

Ramsey Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT
ERIC M. MOES
IOWA
07494
3/3/21
REGISTERED

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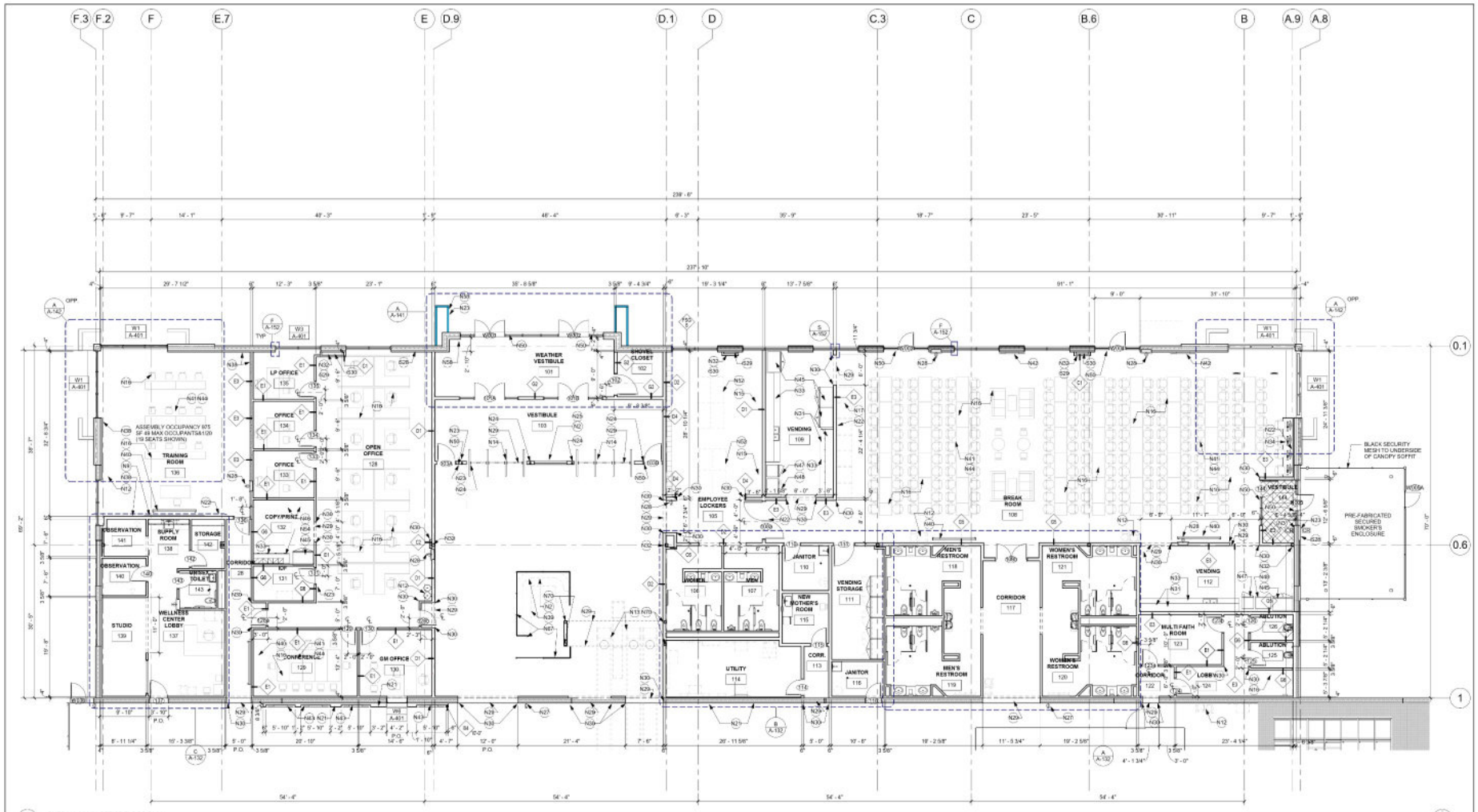
ISSUE RECORD

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PARTIAL BUILDING PLAN

A-114



A-136 OVERALL MAIN OFFICE FLOOR PLAN
1/8" = 1'-0"

INTERIOR IMPROVEMENT PLAN CODED NOTES

N1 ALIGN FRAMING FOR FLUSH CONDITION.

N2 INTERCOM AT VESTIBULE TO RING AT SECURITY DESK. (SEE ELECTRICAL SHEETS)

N3 WALK OFF CARPET. (SEE FINISH SCHEDULES)

N4 ANSI A11.71 COMPLIANT TOILET ROOM SIGN. (SEE DETAIL W/AG-101)

N5 8'-0" H (6'-0" HIGH AT I.T. CAGE) GALVANIZED CHAIN LINK FENCE.

N6 PRE-MANUFACTURED SLIDING TRANSACTION WINDOW WITH PRE-MANUFACTURED STAINLESS STEEL COUNTER. (SEE SHEET A-401)

N7 PROVIDE 8'-0" A.F.F. HIGH F.R.P. PANELS FULL PERIMETER (SEE ROOM FINISH SCHEDULE ON SHEET A-180)

N8 18" OR 48" STEEL, GUARDRAIL AT BATTERY CHARGERS, ELETRICAL EQUIPMENT, AND FIRE RISERS. (SEE DETAILS D & E/A-153).(PAINT - PT-9)

N9 WHITE BOARD WITH PRESENTATION RAIL. (SEE DETAIL G/A-183)

N10 MEDICAL CURTAIN - MEDICAL SUPPLIES AND EQUIPMENT COMPANY (OR APPROVED EQUAL) (PH) 877-796-4480 100% POLYESTER FABRIC, 12 OZ., ANTI-MICROBIAL TREATED, 9'T. STRAIGHT CUBICLE TRACK

N11 PROVIDE 1 1/2" X 1 1/2" PREFINISHED BENT LEG METAL (22 GA.) ANGLE FULL HEIGHT OF PARTITION. (WHITE) ATTACH TO CONCRETE PANELS ONLY. (SEE DETAILS G/A-152 AND V/A-152

N12 WATER COOLER TO BE PROVIDED AND INSTALLED BY TENANT. G.C. TO PROVIDE SHUT-OFF VALVE & OUTLET AT 24" A.F.F. (SEE ELECTRICAL & PLUMBING SHEETS) FINAL NUMBER AND LOCATIONS TO BE DETERMINED BY TENANT.

N13 METAL DETECTION EQUIPMENT PROVIDED BY TENANT. G.C. SHALL COORDINATE AND PROVIDE ELECTRICAL OUTLETS. (SEE ELECTRICAL SHEETS)

N14 EMPLOYEE TURNSTILE. PROVIDE CONDUIT TO TURNSTILE FOR SECURITY ACCESS CONTROL WIRING. (SEE ELECTRICAL AND SECURITY SHEETS)

N15 METAL LOCKERS TO BE SUPPLIED BY TENANT AND INSTALLED BY G.C. WHERE INDICATED ON PLAN. PROVIDE 12" W. X 18" D. X 48" H. ANSI-COMPLIANT LOCKER(S).

N16 FREE STANDING FURNITURE PROVIDED BY TENANT.

N17 VENDING EQUIPMENT BY TENANT. (SEE ELECTRICAL SHEETS)

N18 BUILDING STAIR. (SEE SHELL BUILDING DOCUMENTS)

N19 MODULAR FURNITURE SYSTEMS BY TENANT. SYSTEMS FURNITURE 96"H WALL, HAVE A MAX. HEIGHT OF 72". CLEARANCE SHALL BE 36" MIN. (44" MIN. FOR GREATER THAN 50 OCCUPANTS).

N20 COPIER OR PRINTER BY TENANT. (SEE ELECTRICAL SHEETS)

N21 TIME PUNCH CLOCK BY TENANT. G.C. TO PROVIDE DATA RECEPTACLE FOR EACH TIME CLOCK. G.C. TO COORDINATE FINAL LOCATIONS WITH TENANT'S REPRESENTATIVE. (SEE TELECOM DRAWINGS) NO 120V POWER REQUIRED. LOCATE MIN. 6'-0" APART (TYP.).

N22 I.P.O.E. CLOCK PROVIDED AND INSTALLED BY TENANT (SEE ELECTRICAL SHEETS)

N23 CARD READER BY SECURITY CONTRACTOR (N.I.C.) G.C. SHALL INSTALL CONDUIT AND PULL STRINGS WITHIN PARTITIONS. (SEE ELECTRICAL SHEETS)

N24 HSS 3" X 2" X 1/4" POST AT 6'-0" MAX. PARTITION BRACING. (SEE PARTITION DETAIL 'F1' ON SHEET A-151)

N25 76" W. x 90" H TRANSACTION WINDOW W/ 1/2" CLEAR TEMPERED GLASS WITH STAINLESS STEEL COUNTER (SEE SHEET A-401)

N26 PROVIDE VINYL BASE VB-4 AND PAINT PT-8 ON WAREHOUSE SIDE OF PARTITION. (TYP.) PAINT TO 12'-0" A.F.F. & PT-1 FROM 12'-0" A.F.F. TO DECK.

N27 FIRE EXTINGUISHER MOUNTED TO WALL OR COLUMN. PAINT 24" HIGH RED BAND ON COLUMN AT 20'-0" A.F.F. (SEE DETAIL N/A-180)

N28 FIRE EXTINGUISHER AND SEMI-RECESSED CABINET. (SEE DETAIL P/A-193)

N29 LINE OF SOFFIT/HEADER ABOVE.

N30 2" X 2" X 48" HIGH STAINLESS STEEL CORNER GUARD (TYP.). PROVIDE AT ALL EXPOSED CORNERS, ADHERE TO WALL (NO SCREWS).

N31 MICROWAVES TO BE PROVIDED BY TENANT. G.C. SHALL PROVIDE (1) 20 AMP DEDICATED CIRCUIT PER MICROWAVE. THE OUTLET SHOULD BE PLACED TO ONE SIDE OF EACH OPENING FOR A MICROWAVE IN THE CASEWORK.

N32 HOLD FRAMING TIGHT TO FACE OF COLUMN AND/OR INTERIOR ROOF DRAIN. PROVIDE CLEAN OUT ACCESS PANEL AS REQUIRED.

N33 NEW PLASTIC LAMINATE OR SOLID SURFACE COUNTERTOP AND BASE CABINETS. WALL OR MICROWAVE CABINETS WHERE NOTED. SEE ELEVATIONS AND PLAN ENLARGEMENTS FOR DIMENSIONS.

N34 PLASTIC LAMINATE WORK SURFACE WITH 4" H BACKSPLASH. PROVIDE MIN. (6) GROMMETS.

N35 12" DEEP WALL MOUNTED CABINETS.

N36 PROVIDE 8" WIDE x 12" LONG OPENING IN COUNTERTOP. CENTER OPENING BETWEEN SINKS AND FRONT TO BACK. (SEE ENLARGED TOILET ROOM FLOOR PLANS)

N37 LINE OF 22" DIA. x 26" H x 32 GAL. TRASH CONTAINER WITHOUT LID BELOW COUNTER. CONTAINER BY TENANT. (N.I.C.)

N38 WOOD CHAIR RAIL. (SEE DETAIL R/A-193)

N39 PLASTIC LAMINATE SAFETY / SECURITY DESK WITH TRANSACTION TOP. (SEE DETAIL A/A192)

N40 LINE OF TENANT PROVIDED AND INSTALLED. MANUALLY OPERATED PULL-DOWN PROJECTOR SCREEN ABOVE.

N40 LINE OF TENANT PROVIDED AND INSTALLED. MANUALLY OPERATED PULL-DOWN PROJECTOR SCREEN ABOVE.

N41 LINE OF TENANT PROVIDED AND INSTALLED PROJECTOR ABOVE.

N42 LINE OF WALL OR CEILING MOUNTED TELEVISION. MONITOR ABOVE. G.C. TO PROVIDE BLOCKING. MONITOR PROVIDED AND INSTALLED BY TENANT. (SEE ELECTRICAL SHEETS)

N43 LINE OF RECESSED TELEVISION MONITOR. PROVIDED & INSTALLED BY TENANT. G.C. TO PROVIDE BLOCKING FOR BRACKET SUPPORT AND ELECTRICAL & DATA OUTLETS FOR EACH MONITOR. VERIFY & COORD. FINAL LOCATION WITH TENANT REP. SEE DETAIL S/A-193. (SEE ELECTRICAL SHEETS)

N44 G.C. TO PROVIDED (4) 12 GA. THE WIRES FROM ROOF STRUCTURE DOWN TO SUSP. CEILING FOR TENANT PROVIDED PROJECTOR CEILING MOUNT. PROJECTOR AND MOUNT TO BE SUPPLIED AND INSTALLED BY A/V CONTRACTOR. (N.I.C.) (SEE ADJUSTABLE SUSPENDED CEILING CHANNEL KIT #ELPMBPSP BY PEERLESS MOUNTS FOR REQUIREMENTS. 800.729.0307).

N45 REFRIGERATOR PROVIDED AND INSTALLED BY TENANT. (SEE ELECTRICAL SHEETS).

N46 PLASTIC LAMINATE WORK SURFACE WITH 4" H BACKSPLASH. PROVIDE MIN. (6) GROMMETS.

N47 TRASH / RECYCLING BINS BY TENANT.

N48 ICE MACHINE WITH DISPENSER PROVIDED AND INSTALLED BY TENANT. G.C. TO PROVIDE 1/2" WATER LINE WITH SHUT OFF VALVE AND 20 AMP DEDICATED CIRCUIT. (SEE PLUMBING AND ELECTRICAL SHEETS)

N49 COFFEE VENDING MACHINE BY TENANT. G.C. TO PROVIDE 1/2" WATER LINE WITH SHUT OFF VALVE AND 20 AMP DEDICATED CIRCUIT. (SEE PLUMBING AND ELECTRICAL SHEETS)

N49 PROVIDE 3/4" F.R.T. PLYWOOD ON ALL 4 WALLS. MOUNT AT +6" A.F.F. TO +8'-6" A.F.F.

N50 ANSI A117.1 COMPLIANT EXIT SIGN. (SEE DETAIL W/AG-101)

N51 AUTOMATIC EXTERNAL DEFIBRILLATOR TO BE PROVIDED AND INSTALLED BY TENANT.

N52 METAL COAT RACKS PROVIDED BY TENANT AND INSTALLED BY G.C.

N53 PROVIDE 2x4 JAMB BLOCKING FULL HEIGHT AT SPEEDLANE VESTIBULE FRAMING LOCATIONS (TYP.)

N54 MAIL SLOTS PROVIDED AND INSTALLED BY TENANT.

N55 PROVIDE EPOXY FINISH AT BATTERY CHARGING AREA. SCRUBBER DUMP AND SCRUBBER DUMP WALLS. (SEE "ROOM FINISH SCHEDULE ON SHEET A-180)

N56 BATTERY CHARGING EQUIPMENT AND LIFT VEHICLES PROVIDED AND INSTALLED BY TENANT. (TYP.) (SEE ELECTRICAL SHEETS)

N57 TIME MANAGEMENT CLOCK (SEE TELECOM DRAWINGS)

N58 AUTOMATIC DOOR OPENING CONTROLS. (SEE DOOR HARDWARE SCHEDULE)

N59 3" WIDE EPX-3 (WHITE) BETWEEN EQUIPMENT SPACES AND 3" WIDE EPX-3 (CAUTION WHITE/YELLOW) IN FRONT OF CHARGING EQUIPMENT.

N60 3" WIDE PAINTED STRIPE AT PERIMETER OF CHARGING AREA.

N61 6'-2" HIGHT GALVANIZED CHAIN LINK DRIVER'S CAGE AND CEILING TO BE PROVIDED AND INSTALLED BY G.C. PROVIDE DOORBELL ON EXTERIOR SIDE AND DUPLEX OUTLET ABOVE DOOR ON INTERIOR SIDE. (SEE ELECTRICAL SHEETS)

N62 LINE OF GYPSUM BOARD SOFFIT ABOVE. BRACE ABOVE CEILING AS REQUIRED TO SUPPORT LATERAL MOVEMENT. (SEE REFLECTED CEILING PLAN)

N63 SINGLE DRIVER'S TURNSTILE FURNISHED AND INSTALLED BY CONTRACTOR WITH IN & OUT CARD READERS. PROVIDE CONDUIT TO TURNSTILE FOR SECURITY ACCESS CONTROL WIRING. (SEE ELECTRICAL AND SECURITY SHEETS)

N64 GALVANIZED CHAIN LINK SECURITY GATE, EMERGENCY EGRESS ONLY WITH CRASH BAR AND IN & OUT CARD READERS - FAIL SAFE FUNCTION. PROVIDE CONDUIT FOR SECURITY ACCESS CONTROL WIRING (SEE ELECTRICAL & SECURITY SHEETS) COORD. WITH SECURITY CONTRACTOR.

N65 STEEL ROOF ACCESS LADDER WITH LADDER-UP SAFETY POST, LADDER SAFETY GUIDE-LOCK SYSTEM, AND ROOF HATCH ABOVE WITH SAFETY RAILING SYSTEM. PROVIDE BLOCKING IN PARTITION AS REQUIRED. SEE SHEET A-303.

N66 PHONE BOOTH PROVIDED AND INSTALLED BY TENANT.

N67 STAND-ALONE UNISTRUT FRAME PLEXIGLASS BARRIER, 5MM (MIN.) PLEXIGLASS TO SPAN FROM BOTTOM OF COUNTERTOP TO 7'-0" A.F.F. BARRIER SHALL HAVE NO COVERAGE GAPS, INCLUDING AT ROUNDED COUNTERTOP CORNERS. (SEE DETAILS B THRU E ON A-192)

N68 PLEXIGLASS TOILET ROOM SINK BARRIER. (SEE DESIGN BULLETIN 112)

N69 PLEXIGLASS TOILET ROOM PARTITION BARRIER. (SEE DESIGN BULLETIN 112)

N70 TUBE STEEL COLUMN (SEE STRUCTURAL SHEETS)

ELECTRICAL CODED NOTES

E1 IDF CABINET FURNISHED BY TENANT AND INSTALLED BY G.C. TO PROVIDE POWER CONNECTIONS. (SEE ELECTRICAL SHEETS) (SEE LATEST TELECOME DRAWINGS FOR LOCATIONS AND DETAILS)

E2 ELECTRICAL PANEL(S). (SEE ELECTRICAL SHEETS

E3 ELECTRICAL TRANSFORMER. (SEE ELECTRICAL SHEETS).

E4 IN FLOOR POWER / DATA BOX. CENTER IN ROOM U.N.O. (SEE ELECTRICAL SHEETS)

E5 RECESSED FIRE ALARM CONTROL PANEL. VERIFY LOCATION WITH TENANT. (SEE ELECTRICAL SHEETS)

E6 ELECTRICAL WATER HEATER. (SEE PLUMBING AND ELECTRICAL SHEETS)

E7 "PIT" BATTERY CHARGING AREA - PROVIDE ELECTRICAL CIRCUITS / DISCONNECTS ON HEAVY DUTY UNISTRUT SUPPORTS AT EACH STATION. (SEE ELECTRICAL SHEETS). COORDINATE EXACT LOCATION & QUANTITY. CHARGING STATIONS W/TENANT REP.

E8 GENERATOR ALARM PANEL

E9 FIRE ALARM ANNUNICATOR PANEL. SEE ELECTRICAL AND FIRE ALARM SHEETS.

E10 SMOKE REMOVAL SYSTEM CONTROL PANEL. (SEE ELECTRICAL SHEETS)

PLUMBING CODED NOTES

P1 WALL MOUNTED SINGLE BOWL SINK. (SEE PLUMBING SHEETS)

P2 UNDER COUNTER MOUNTED SINK. (SEE PLUMBING SHEETS)

P3 ANSI COMPLIANT HI-LO WATER COOLER. (SEE PLUMBING AND ELECTRICAL SHEETS)

P4 SINGLE OR DOUBLE-BOWL STAINLESS STEEL SINK.(SEE PLUMBING SHEETS)

P5 JANITOR MOP / FLOOR SINK. PROVIDE 48"W F.R.P PANELS TO 48" ON EACH SIDE OF MOP SINK. U.N.O (SEE PLUMBING SHEETS)

P6 FLOOR DRAIN. (SEE PLUMBING SHEETS)

P7 PLUMBING CLEANOUT. (SEE PLUMBING SHEETS)

P8 INSTA-HOT WATER HEATER. (SEE PLUMBING SHEETS)

MECHANICAL CODED NOTES

H1 CONDENSATE FLOOR SINK. (SEE MECHANICAL SHEETS)

H2 SPLIT SYSTEM CONDENSING UNIT. (SEE MECHANICAL SHEETS)

H3 EXHAUST FAN ABOVE. (SEE MECHANICAL SHEETS

H4 WALL MOUNTED AIR CURTAIN CENTERED ABOVE DOOR. SEE MECHANICAL & ELECTRICAL SHEETS

H5 WALL MOUNTED ELECTRIC UNIT HEATER. (SEE MECHANICAL AND ELECTRICAL SHEETS)

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KEY PLAN

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COUNCIL BLUFFS, IA

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OVERALL MAIN OFFICE FLOOR PLAN AND NOTES

A-130

3/3/2021 5:58:27 PM



A-130A OVERALL MAIN OFFICE FLOOR PLAN - REFERENCE ONLY
SCALE: 1/8" = 1'-0"

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533 South Third Street, Suite 100
Minneapolis, MN 55415
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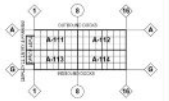
CONSULTANTS

IES Communications

Ramaker Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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701068	3/5/2021

ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
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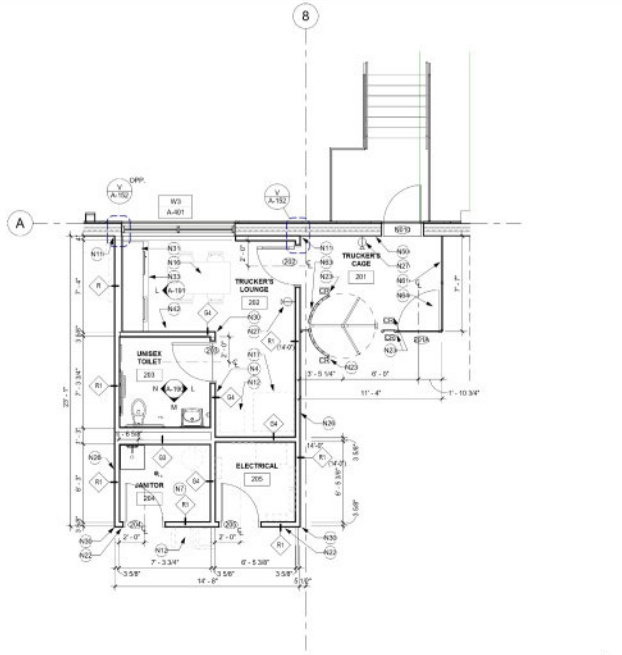
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3/5/2021

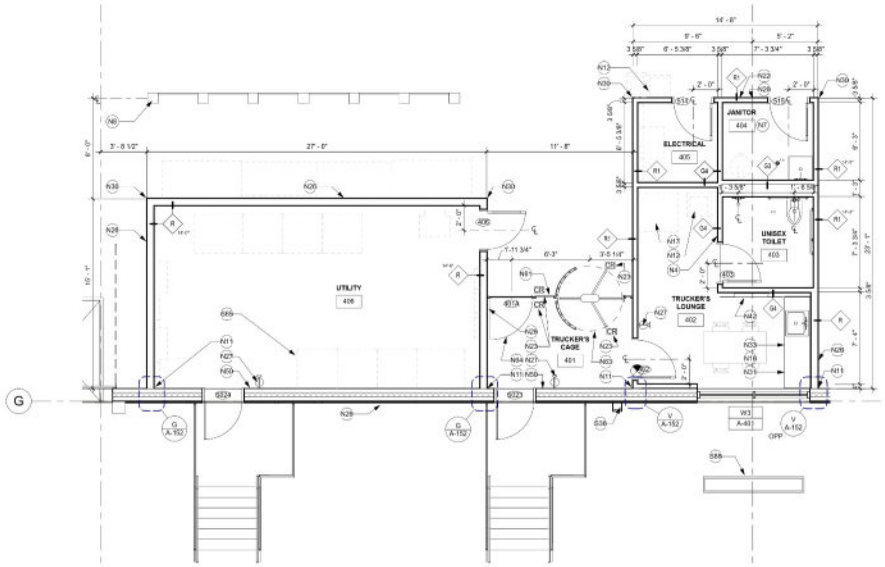
OVERALL MAIN OFFICE FLOOR PLAN - FOR REFERENCE ONLY

A-130A

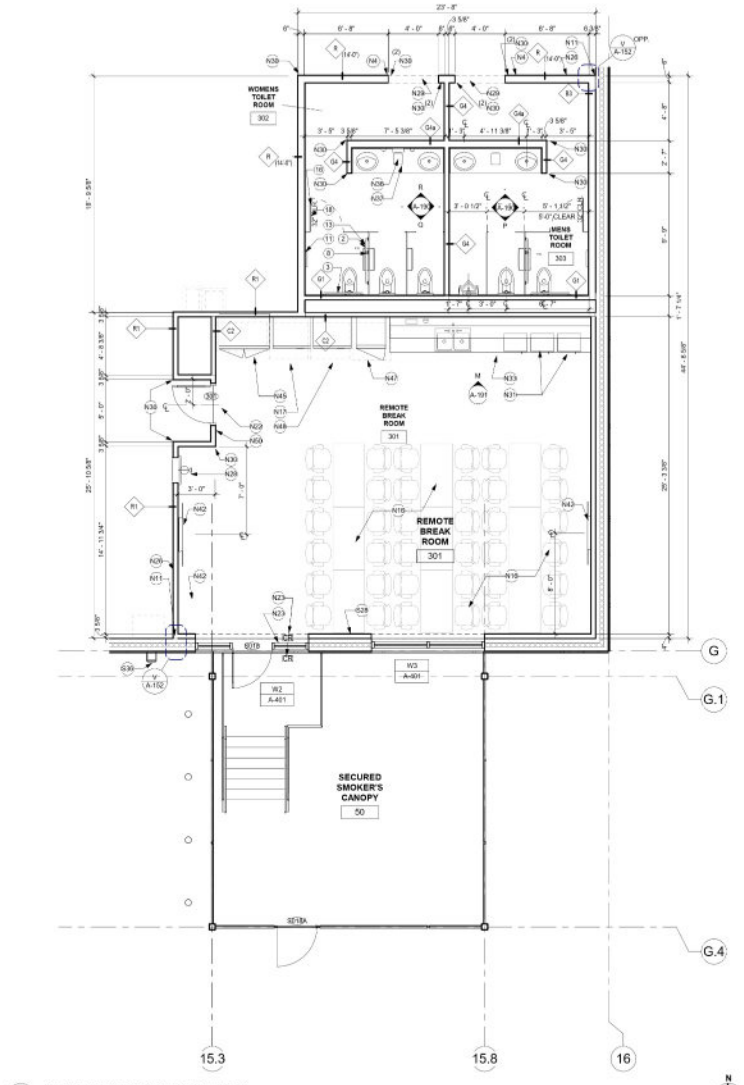
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A A-131 ENLARGED TRUCKER'S LOUNGE PLAN - NORTH
1/4" = 1'-0"



B A-131 ENLARGED TRUCKER'S LOUNGE PLAN - SOUTH
1/4" = 1'-0"



C A-131 ENLARGED REMOTE BREAK ROOM PLAN - SOUTH
1/4" = 1'-0"

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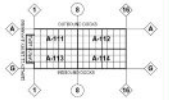
CONSULTANTS

IES Communications

Reamer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT
ERIC M. MOES
07494
IOWA
3/3/21
My license renewal date is June 30, 2021

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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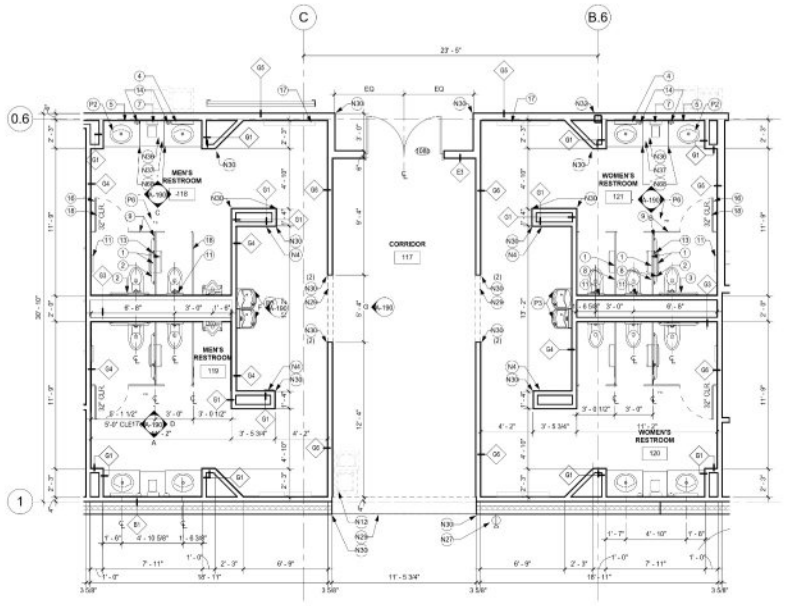
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PERMIT SET
3/5/2021

ENLARGED FLOOR PLANS

A-131

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A A-132 ENLARGED TOILET ROOM PLAN
1/4" = 1'-0"

PROVIDE - TOILET COMPARTMENT PRIVACY HARDWARE ACCESSORIES AT ALL TOILET STALLS
-GENERAL PARTITIONS MANF. CORP. NO SIGHT SYSTEM
-GLOBAL PARTITIONS CORP., ULTIMATE PRIVACY NO SIGHT SYSTEM
-ACCURATE PARTITIONS CORP., ULTIMATE PRIVACY NO SIGHT SYSTEM
-SENTRY SUPPLY, LLC, PRIVACY COVER
-OR EQUAL

NOTE-
ALL HAND SERVICE SINKS TO BE PROVIDED WITH A SOAP & PAPER TOWEL DISPENSER MOUNTED TO ADJACENT WALL OR BACKSPLASH SURFACE. (SEE INTERIOR ELEVATIONS)

TOILET ROOM NOTES

1. INSTALL F.R.T. PLYWOOD AT ALL ACCESSORY AND GRAB BAR LOCATIONS.

2. WATER RESISTANT GYP. BRD. TO BE 5/8" DENS-ARMOR PLUS OR EQUAL COMPLYING WITH ASTM C1178, C1209, OR C1325 ON INSIDE FACE OF ALL TOILET ROOM PARTITIONS AT PLUMBING FIXTURE LOCATIONS.

3. MANUFACTURER FOR ALL ACCESSORIES IS TO BE BOBRICK WITH SATIN FINISH STAINLESS STEEL. ALTERNATES ARE SUBJECT TO APPROVAL BY ARCHITECT.

4. ALL ACCESSORIES ARE TO BE SATIN FINISH STAINLESS STEEL. ALTERNATES ARE SUBJECT TO APPROVAL BY ARCHITECT.

5. TOILET ROOM SIGNS BY G.C. CENTERLINE OF SIGNS TO BE 60" A.F.F. SIGNAGE TO BE ICC/ANSI A117.1 COMPLIANT. (SEE DETAIL V/A3-101).

6. LAVATORIES SHALL BE LOCATED SUCH THAT TOP OF RIM OR COUNTER SURFACE BE AT A MAX. OF 34" AFF PROVIDE 29" MIN. CLEARANCE BETWEEN FINISH FLOOR AND BOTTOM OF APRON AND SHALL COMPLY WITH ICC/ANSI A117.1-09, SECTIONS 606.

7. LAVATORIES AND ELECTRIC WATER COOLERS SHALL BE LOCATED SUCH THAT A CLEAR FLOOR SPACE OF 30" X 48" IS PROVIDED AND SHALL COMPLY WITH ICC/ANSI A117.1-09, SECTIONS 305 & 306.

8. ALL FAUCETS SHALL BE LEVER OPERATED, PUSH TYPE, AND COMPLY WITH ICC/ANSI A117.1-09, SECTIONS 309 & 606. IF SELF CLOSING VALVES ARE USED, THE FAUCET SHALL REMAIN OPEN FOR AT LEAST 10 SECONDS.

9. PROVIDE PROTECTIVE INSULATION WRAP AT ALL ADA/AG ACCESSIBLE LAVATORIES WITH EXPOSED PIPING.

10. WATER CLOSETS AND TOILET COMPARTMENTS SHALL COMPLY WITH ICC/ANSI A117.1-09, SECTIONS 604.2 THROUGH 604.8.

11. CLEARANCE AROUND A WATER CLOSET SHALL BE 60" (MIN) MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56" (MIN) MEASURED FROM THE REAR WALL PER ICC/ANSI A117.1-09, SECTIONS 604.3, UNLESS IN AMBULATORY ACCESSIBLE TOILET COMPARTMENT SPECIFIED IN 604.8.2.

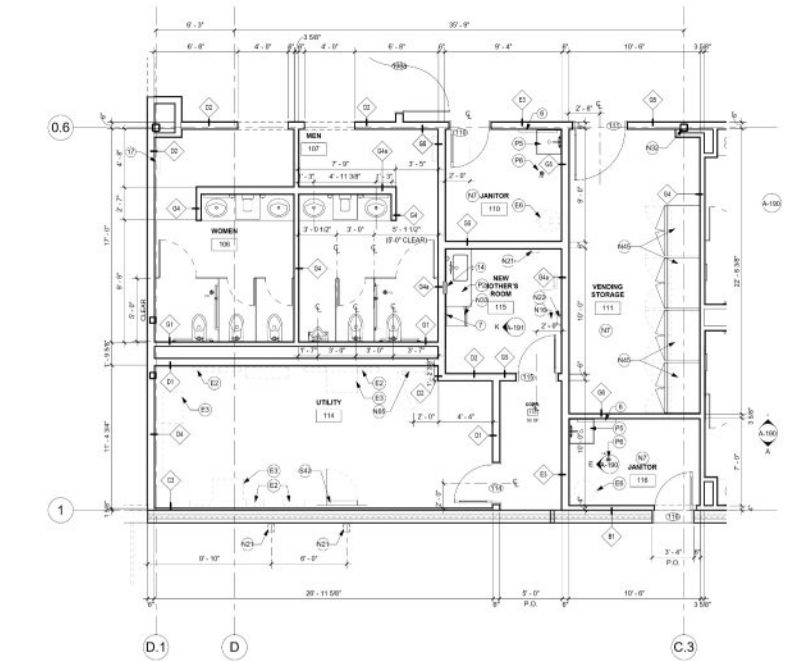
12. WATER CLOSET TO BE 17" TO 19" MEASURED TO TOP OF THE TOILET SEAT FROM THE FLOOR.

13. WATER CLOSET AND URINAL FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC AND SHALL COMPLY WITH ICC/ANSI A117.1-09, SECTIONS 309 & 606. CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS NOT MORE THAN 44" A.F.F.

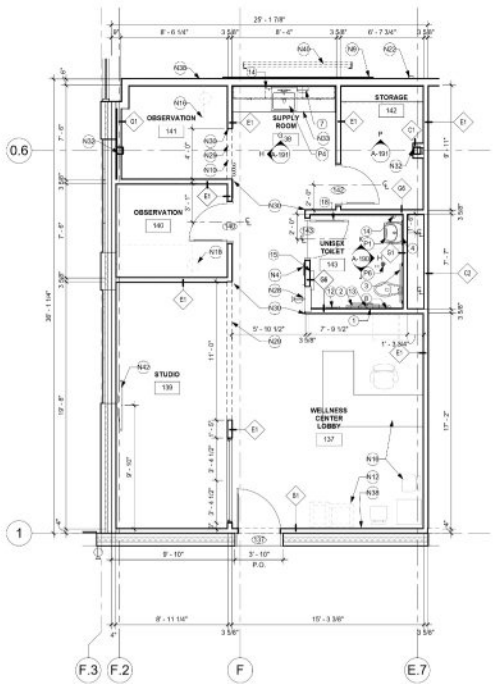
14. URINALS SHALL COMPLY WITH ICC/ANSI A117.1-09, SECTION 605.1. PROVIDE STALL OR WALL-HUNG TYPE WITH THE RIM AT 17" AMH AFF AND HAVING A MINIMUM DEPTH OF 13 1/2".

15. TOILET COMPARTMENT DOORS SHALL BE 32" CLEAR, COMPLYING WITH ICC/ANSI A117.1-09, SECTION 404.
A) WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL COMPLY WITH 604.8.1 AND 604.8.3 AND SHALL BE 60" WIDE AND 59" DEEP FOR FLOOR MOUNTED WATER CLOSETS.
B) AMBULATORY ACCESSIBLE COMPARTMENTS SHALL COMPLY WITH 604.8.2 AND 604.8.3 AND SHALL HAVE A 60" (MIN) DEPTH AND WIDTH OF 35" (MIN) - 37" (MAX).

16. ADDITIONAL TOILET COMPARTMENTS (STALLS) SHALL BE PROVIDED IN CONFORMANCE WITH ICC/ANSI A117.1-09, SECTION 604.8.



B A-132 ENLARGED TOILET ROOM PLAN
1/4" = 1'-0"



C A-132 ENLARGED WELLNESS CENTER
1/4" = 1'-0"

TOILET ROOM ACCESSORIES

	DESCRIPTION - MFR	NOTES
1	COMPACT VERTICAL 4 ROLL CORELESS TOILET PAPER DISPENSER - GEORGIA PACIFIC #56744	MOUNT AT 31" A.F.F. TO TOP OF UNIT WITH CL 12" MAX. FROM FRONT EDGE OF TOILET
2	TOILET GRAB BAR - 42" LONG, 1 1/2" DIA., SANIGUARD, #GB815-1142-G	MOUNT 12" FROM REAR WALL 33" - 36" A.F.F.
3	TOILET GRAB BAR - 36" LONG, 1 1/2" DIA. SANIGUARD, #GB815-1136-G	MOUNT 6" FROM SIDE WALL 33" - 36" A.F.F.
4	FRAMED 1/4" ANGLED MIRROR - 24" WIDTH X 36" HIGH BOBRICK B-293 2436	MOUNT WITH BOTTOM OF REFLECTIVE SURFACE AT 36"-40" A.F.F.
5	FRAMED 1/4" MIRROR - 24" WIDTH X 36" HIGH BOBRICK B-165 2436	MOUNT WITH BOTTOM OF REFLECTIVE SURFACE AT 36"-40" A.F.F.
6	MOP HOLDER, BOBRICK B-223	MOUNT TOP OF UNIT AT 72" A.F.F. LOCATE OVER MOP SINK
7	WALL MOUNTED AUTOMATED TOUCHLESS TOWEL DISPENSER - GEORGIA PACIFIC, #58462	MOUNT BOTTOM OF UNIT AT 3'-4" A.F.F.
8	WALL MOUNTED SANITARY NAPKIN DISPOSAL TOUGH GUY, 91EC93	STAINLESS STEEL, MOUNT TOP OF UNIT AT 27" A.F.F.
9	FLOOR MOUNTED OVERHEAD BRACED TOILET PARTITION. BAKED ENAMEL FINISH.	SANY METAL CENTURY SERIES
10	WALL MOUNTED URINAL SCREEN. BAKED ENAMEL FINISH.	SANY METAL CENTURY SERIES
11	WALL MOUNTED TOILET SEAT COVER DISPENSER TOUGH GUY, 91EC62	STAINLESS STEEL, MOUNT TOP OF UNIT AT 30" TO 48" A.F.F.
12	SEMI-RECESSED SANITARY NAPKIN / TAMPON DISPENSER - BOBRICK - B-37063	STAINLESS STEEL, FREE / NO COIN
13	TOILET GRAB BAR - 18" LONG, 1 1/2" DIA., SANIGUARD, #GB815-1118-G	MOUNT 40" FROM SIDE WALL 30" - 41" A.F.F.
14	WALL MOUNTED TOUCH FREE SOAP DISPENSER GOJO TFX, #2746-12, 'DOVE GRAY'	MOUNT TOP OF UNIT AT 48" A.F.F.
15	RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTABLE. BOBRICK B-43944	MOUNT TOP OF RECESSED PORTION AT 80 1/4" A.F.F.
16	WALL BUMPER	MOUNT TOP OF WALL BUMPER AT 36" A.F.F.
17	STAINLESS STEEL SHELF, 24" W x 6" D, BOBRICK B-2892x24	MOUNT TOP OF SHELF AT 48" A.F.F.
18	COAT HOOK	MOUNT TOP OF COAT HOOK AT 60" A.F.F.

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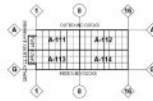
CONSULTANTS

IES Communications

Ramsey Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT
ERIC M. MOES
IOWA
3/3/21
RENEW 12/31/2021

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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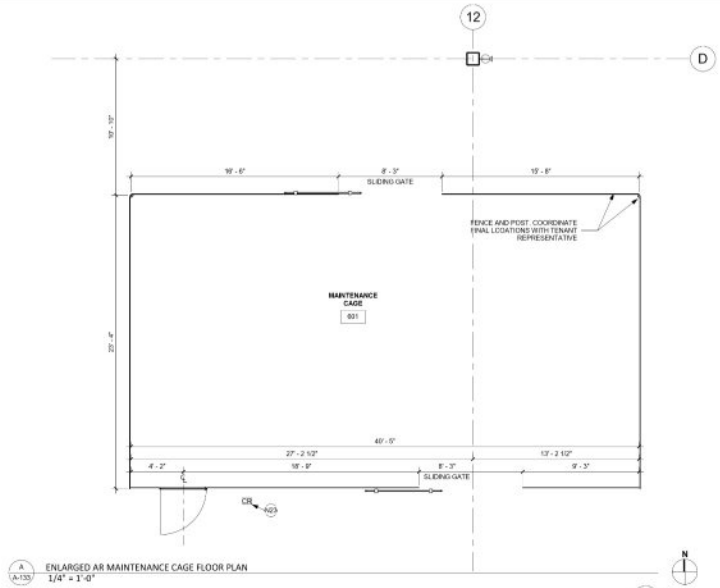
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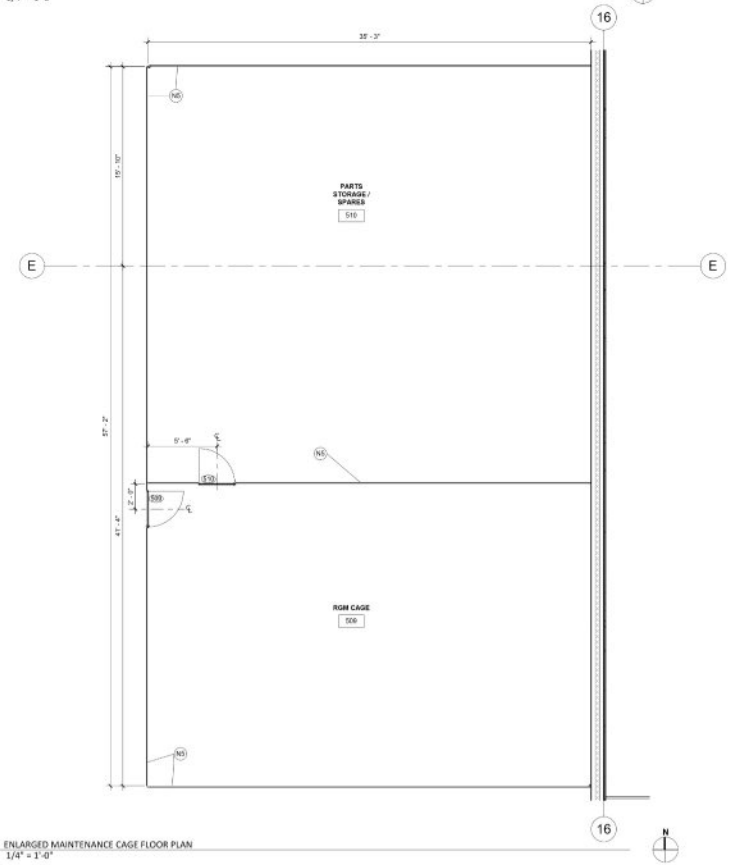
ENLARGED TOILET ROOM PLANS AND NOTES

A-132

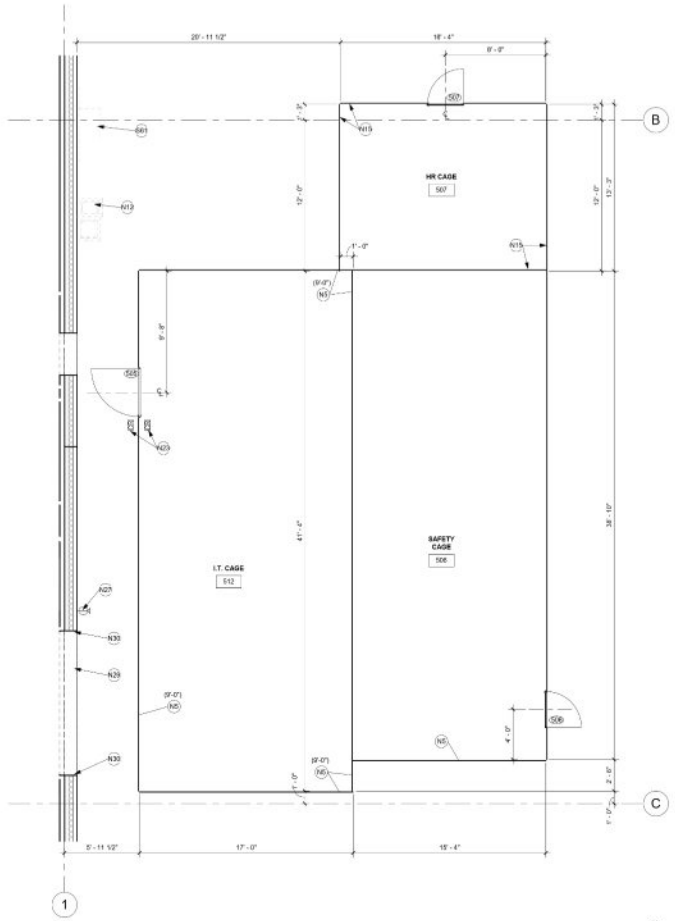
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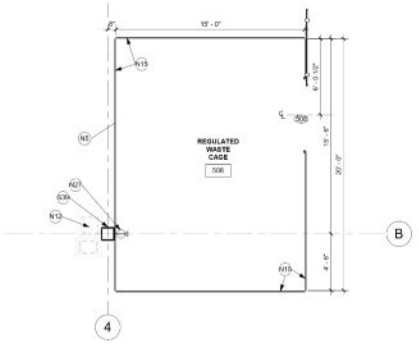
A A-133 ENLARGED AR MAINTENANCE CAGE FLOOR PLAN
1/4" = 1'-0"



B A-133 ENLARGED MAINTENANCE CAGE FLOOR PLAN
1/4" = 1'-0"



C A-133 ENLARGED MAINTENANCE CAGE FLOOR PLAN
1/4" = 1'-0"



D A-133 ENLARGED REGULATED WASTE CAGE FLOOR PLAN
1/4" = 1'-0"

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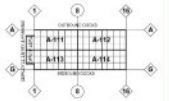
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COUNCIL BLUFFS, IA



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PRINTED OR TYPED NAME: Eric Mohs

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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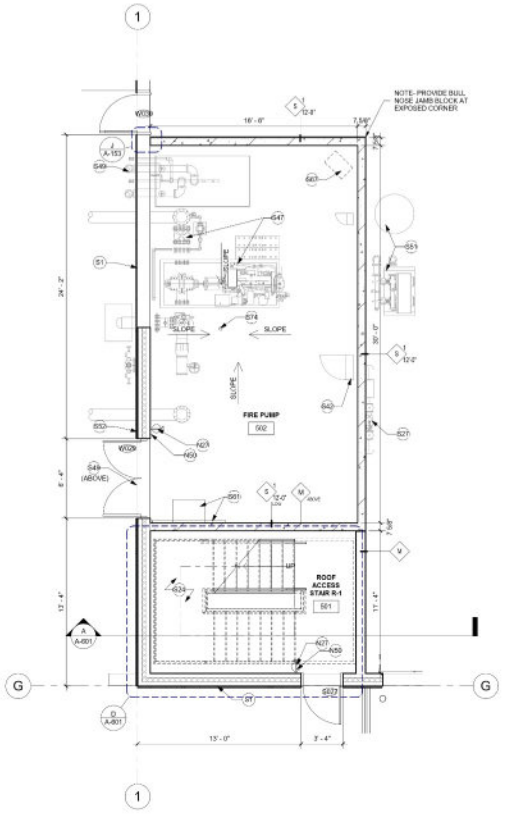
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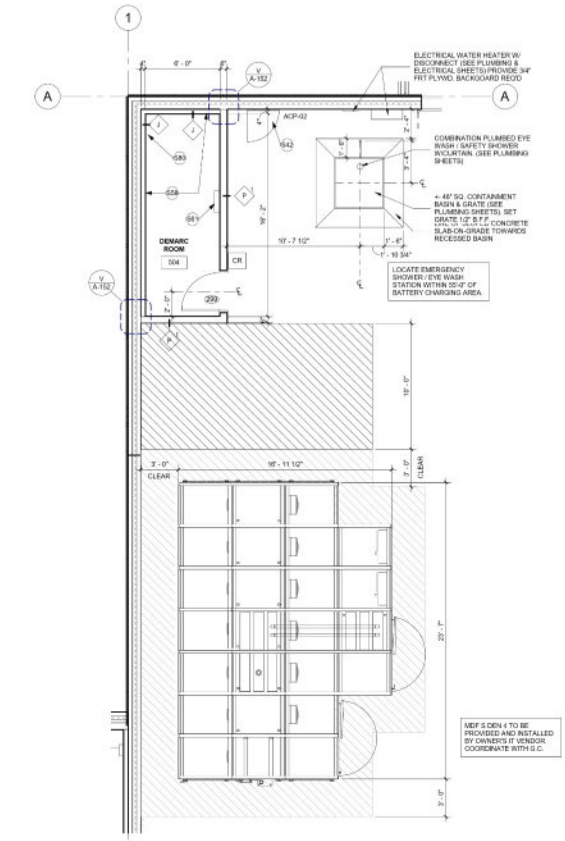
PERMIT SET
3/5/2021

ENLARGED PLANS

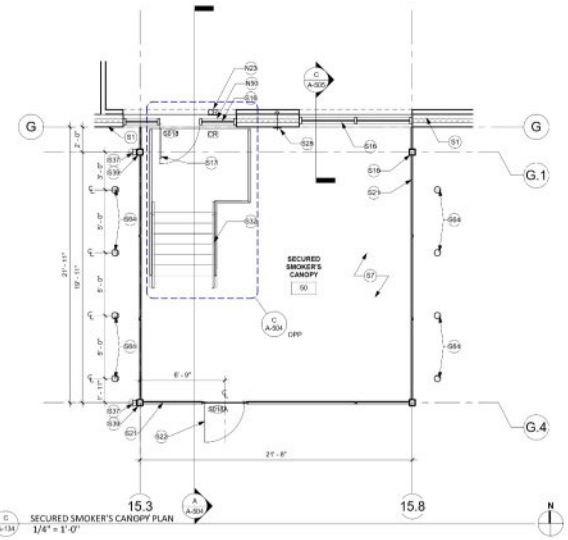
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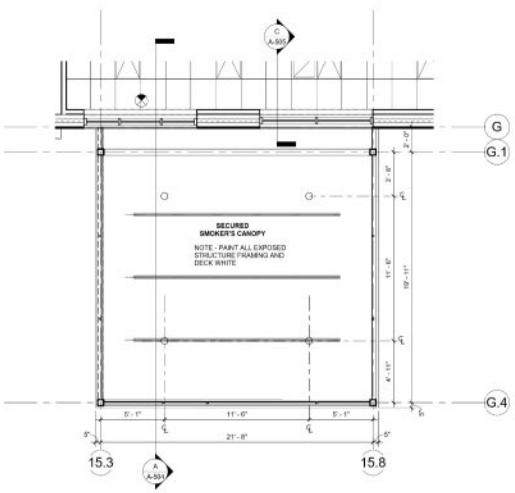
A A-134 ENLARGED FLOOR PLAN - FIRE PUMP ROOM
1/4" = 1'-0"



B A-134 ENLARGED FLOOR PLAN - MDF S DEN 4 / DEMARC
1/4" = 1'-0"



C A-134 SECURED SMOKER'S CANOPY PLAN
1/4" = 1'-0"



D A-134 SECURED SMOKER'S CANOPY REFLECTED CEILING PLAN
1/4" = 1'-0"

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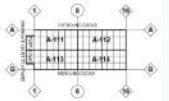
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PRINTED OR TYPED NAME: Eric Mohs

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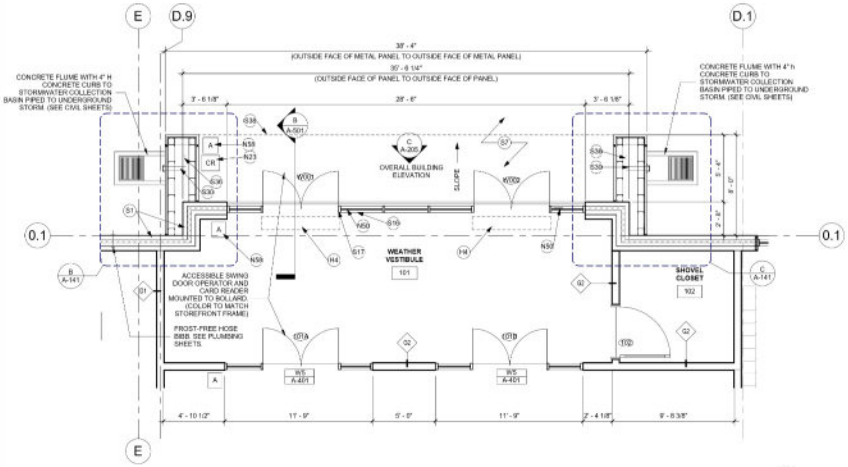
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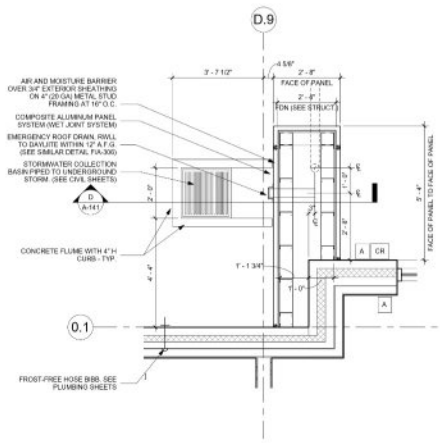
PLAN ENLARGEMENTS

A-134

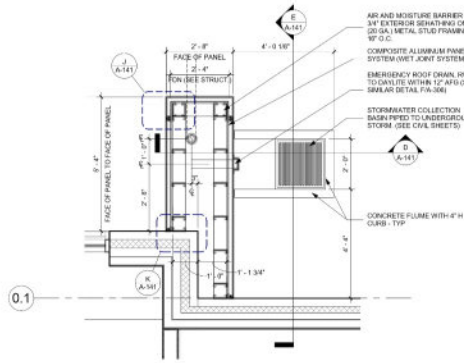
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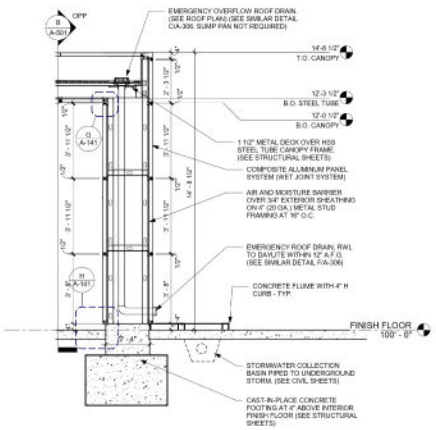
A A-141 ENLARGED FLOOR PLAN AT MAIN EMPLOYEE ENTRY
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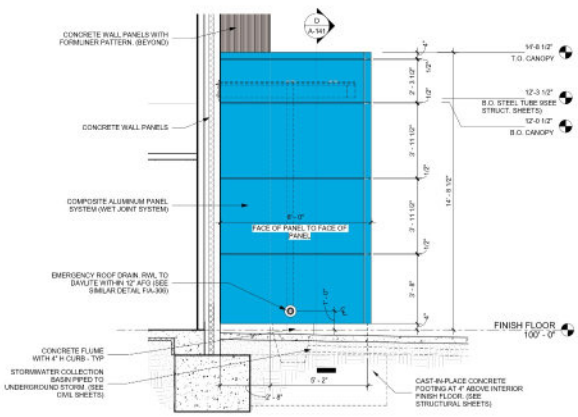
B A-141 ENLARGED FRAMING PLAN DETAIL
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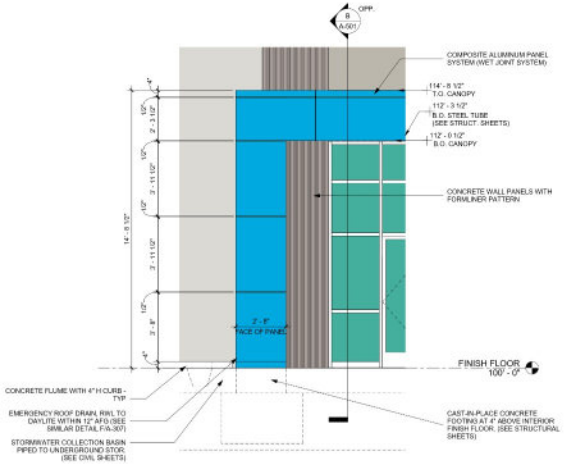
C A-141 ENLARGED FRAMING PLAN DETAIL
1/2" = 1'-0"



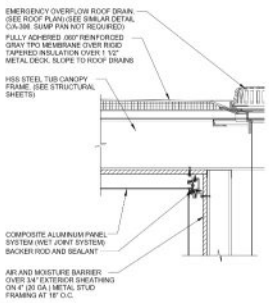
D A-141 CANOPY SECTION AT MAIN ENTRY
3/8" = 1'-0"



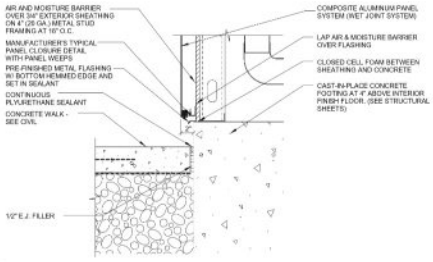
E A-141 CANOPY ELEVATION AT MAIN ENTRY1
3/8" = 1'-0"



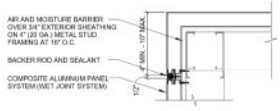
F A-141 PARTIAL CANOPY ELEVATION AT MAIN ENTRY
3/8" = 1'-0"



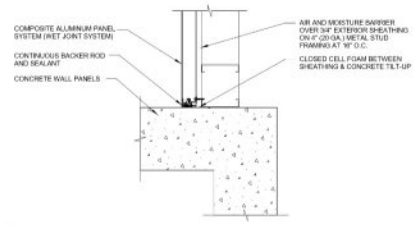
G A-141 ENLARGED SOFFIT DETAIL
1 1/2" = 1'-0"



H A-141 ENLARGED BASE DETAIL
1 1/2" = 1'-0"



J A-141 ENLARGED CORNER DETAIL
1 1/2" = 1'-0"



K A-141 ENLARGED ABUTMENT DETAIL
1 1/2" = 1'-0"

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RYAN
RYAN A+E, INC.
533 South Third Street, Suite 100
Minneapolis, MN 55415
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OWNER

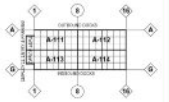
CONSULTANTS

IES Communications

Ramsey Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT ERIC MOIS 07404 IOWA 3/3/21

I HEREBY CERTIFY THAT PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mois

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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Author	Checker
JOB NO.	DATE
701088	3/5/2021

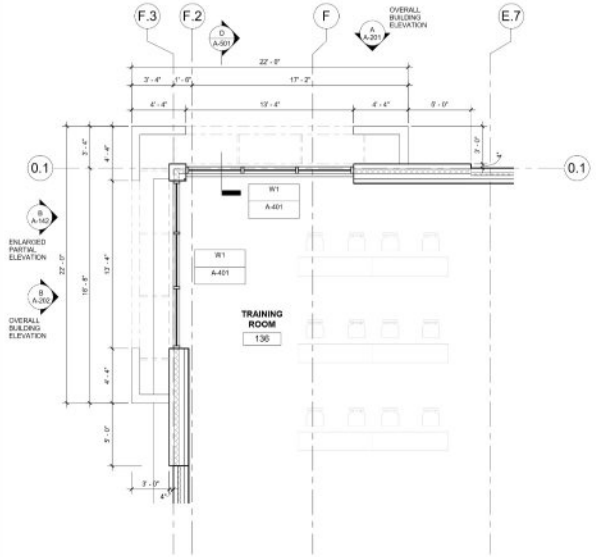
ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
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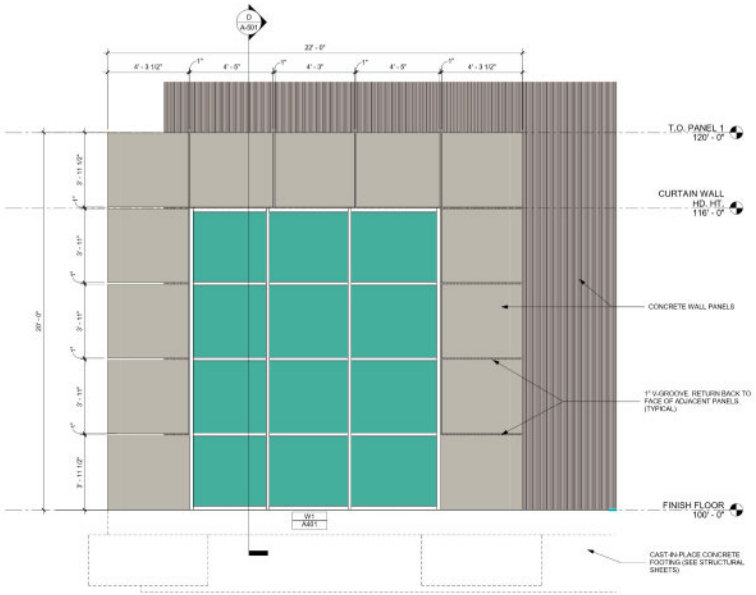
PERMIT SET
3/5/2021

ENLARGED MAIN ENTRY CANOPY DETAILS

A-141



A A-142 ENLARGED FLOOR PLAN AT BUILDING CORNER
1/4" = 1'-0"



B A-142 PARTIAL BUILDING ELEVATION AT BUILDING CORNER
3/8" = 1'-0"

RYAN A+E, INC.
533 South Third Street, Suite 100
Minneapolis, MN 55415
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OWNER

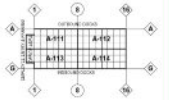
CONSULTANTS

IES Communications

Reamer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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MS	EM
JOB NO.	**DATE**
701068	3/5/2021

ISSUE RECORD

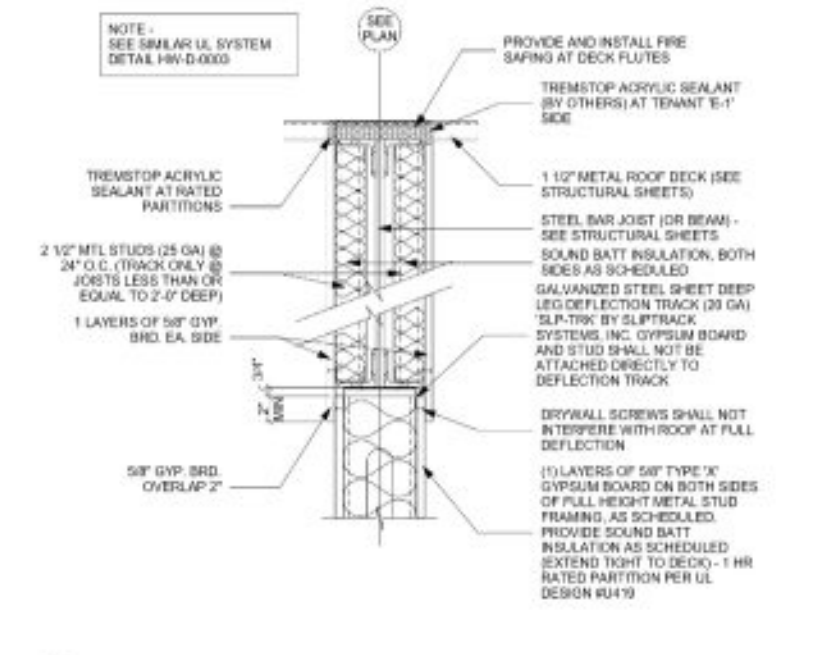
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3/5/2021

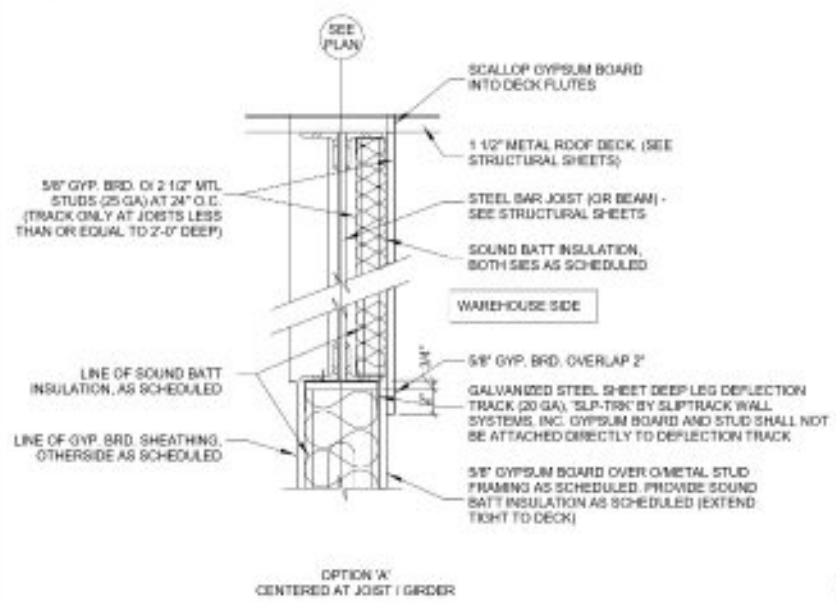
ENLARGED OFFICE CORNER DETAILS

A-142

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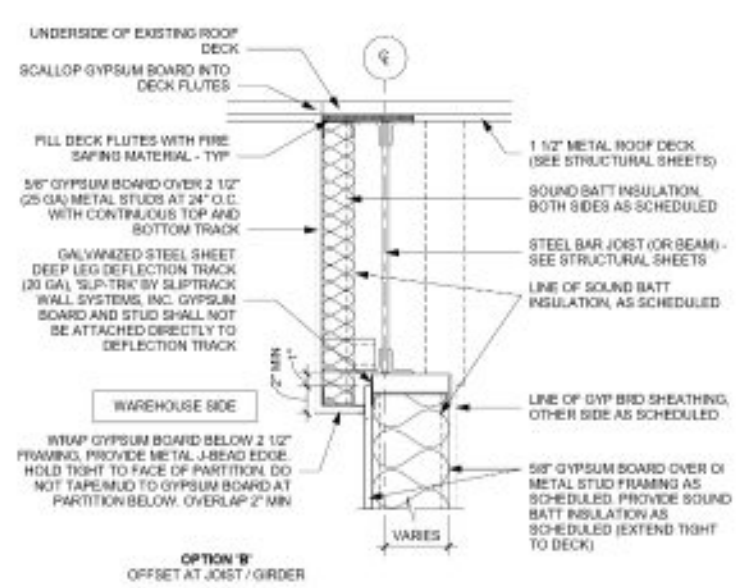


A (A-150) PARTITION FRAMING AT JOIST
1 1/2" = 1'-0"



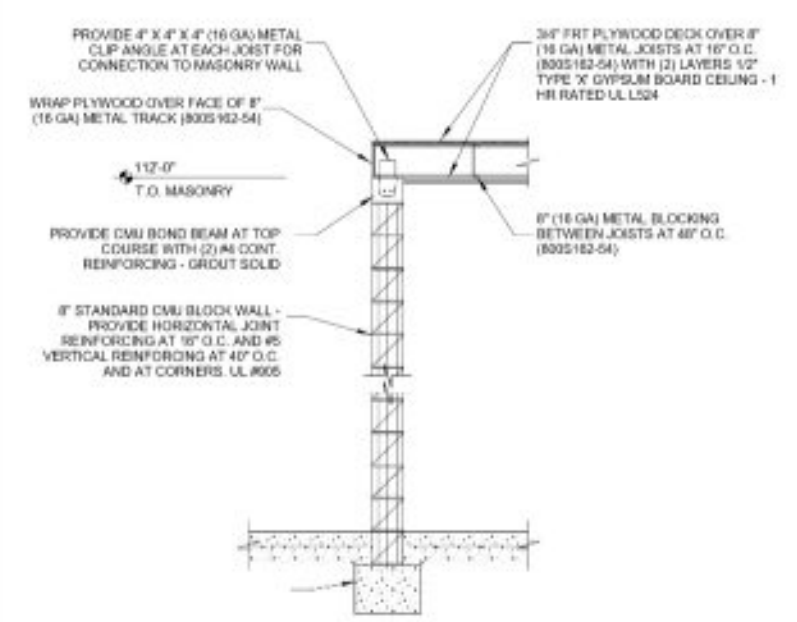
OPTION 'A'
CENTERED AT JOIST / GIRDER

B (A-150) PARTITION FRAMING AT JOIST
1 1/2" = 1'-0"



OPTION 'B'
OFFSET AT JOIST / GIRDER

C (A-150) PARTITION FRAMING AT JOIST
1 1/2" = 1'-0"



S (A-150) BUILDING SERVICES ROOM WALL
1/2" = 1'-0"

PARTITION SCHEDULE GENERAL NOTES

NOTES

1. FIELD VERIFY ALL DIMENSIONS. DIMENSIONS ARE TO FACE OF METAL STUD, UNLESS NOTED OTHERWISE.
2. ALL PARTITIONS TO BE BUILT TO DECK SHALL ENCOMPASS ANY STRUCTURE SUCH AS JOISTS AND BEAMS THAT MAY NEED TO BE FRAMED OUT TO PROVIDE DRYWALL TO DECK. ALL PENETRATIONS AND FLUTES IN DECK SHALL BE SEALED AS REQUIRED.
3. PROVIDE BRACING PER MANUF. RECOMMENDATIONS OF ALL PARTITIONS THAT DO NOT EXTEND FULL HEIGHT TO UNDERSIDE OF STRUCTURE ABOVE.
4. AT ALL FRAMING THAT EXTENDS FROM SLAB TO STRUCTURE ABOVE, PROVIDE A GALVANIZED STEEL SHEET DEEP LEG DEFLECTION TRACK (20 GA), 'SLP-TRK' BY SLIPTRACK SYSTEMS, INC. SECURE TO STRUCTURE WITH FASTENERS AT 2'-0" O.C. MAXIMUM. DO NOT SECURE TRACK TO VERTICAL STUDS. PROVIDE MINIMUM 1 1/2" TO TOP OF STUD. (SEE DETAILS C, D, & E / A-152)
5. ALL BOTOM TRACK RUNNERS TO BE HELD IN PLACE WITH FASTENERS AT 2'-0" O.C. MAX. WITH HILTI POWER DRIVER ANCHOR ICBO #2388, 0.145" DIA. SHANK WITH A 1/8" MIN. PENETRATION. (SEE DETAIL H/A-152)
6. PROVIDE HORIZONTAL BRIDGING IN ALL PARTITION FRAMING AT A MAXIMUM OF 6'-0" O.C. VERTICALLY. G.C. TO VERIFY WITH METAL STUD MANUFACTURER TO DETERMINE IF HORIZONTAL BRIDGING IS REQUIRED FOR METAL STUD PARTITION WALLS WITH GYP. BRD. ON BOTH SIDES THAT EXTEND FROM FINISH FLOOR TO BOTTOM OF METAL DECK ABOVE. (SEE DETAIL T/A-152)
7. PROVIDE VERTICAL CONROL JOINTS @ 30'-0" O.C. MAX. (SEE DETAILS B & Q/A-152)
8. ALL GYPSUM BOARD IS TO BE 5/8" THICK UNLESS NOTED OTHERWISE. PROVIDE TYPE 'X' GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.
9. METAL STUD NON-STRUCTURAL WALL SYSTEMS TO FOLLOW ASTM C754 & ASTM 645.
10. WATER RESISTANT GYP. BRD. TO BE 5/8" 'DENS'ARMOR PLUS' OR EQUAL COMPLYING WITH ASTM C1178, C1288, OR C1325. PROVIDE AT PARTITIONS ADJACENT TO PLUMBING FIXTURES.
11. PROVIDE 5/8" 'DENS-SHIELD TILE BACKER' (OR EQUAL) IN LIEU OF GYPSUM BOARD AT AREAS RECEIVING CERAMIC TILE. (SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS)
12. PROVIDE COMPRESSIBLE FIRE STOPPING MATERIAL AT THE CEILING LEVEL OF ALL PARTITIONS IN WHICH THE GYPSUM BOARD DOES NOT EXTEND TO DECK. HOLD FIRE STOPPING IN PLACE WITH 1" WIDE (25 GA) 1 1/2" X 1 1/2" IMPALING ANGLE ON EACH STUD TO SECURE EACH END OF MATERIAL.
13. PROVIDE COMPRESSIBLE FIRE STOPPING MATERIAL WITHIN THE DECK FLUTES ABOVE ALL FIRE RATED PARTITIONS.
14. PROVIDE COMPRESSIBLE FIRE STOPPING MATERIAL AND FIRE STOPPING SEALANT AT ALL PENETRATIONS OF FIRE FIRE RATED PARTITIONS.
15. PROVIDE FIRE SAFING AT ALL PARTITION/FURRING CAVITIES AT CEILING LEVELS OPEN TO CEILING PLENUMS.
16. ALL PLYWOOD BLOCKING TO BE FIRE RETARDANT TREATED.
17. PROVIDE 2X6 F.R.T. WOOD BLOCKING IN PARTITIONS TO SUPPORT URINALS, DRINKING FOUNTAINS, MOP SINKS, TOILET ACCESSORIES, HAND RAILS, GRAB BARS, AND WALL MOUNTED DOOR STOPS.
18. TAPE, MUD, AND SAND GYPSUM BOARD SMOOTH READY FOR TENANT FINISHES AT INTERIOR FACE OF ALL GYPSUM BOARD SURFACES - PROVIDE ASTM C840 LEVEL 4 FINISH U.N.O.
19. UNIFORM LOAD AT CEILINGS IS 10 PSF.
20. UNIFORM LOAD AT PARTITIONS IS 5 PSF WITH ALLOWABLE DEFLECTION OF L/240.
21. PROVIDE ACOUSTICAL SEALANT AT THE CONNECTION OF ALL GYPSUM BOARD TO DECK OR SLAB CONDITIONS. HOLD GYP. BRD. 3/8" OFF STRUCTURE FOR SEALANT.
22. THERMAL AND ACOUSTIC INSULATION, OTHER THAN FOAM PLASTICS, HAVING A FLAME SPREAD INDEX OF NOT MORE THAN 25 ARE ALLOWED IN TYPE I & TYPE II CONSTRUCTION. IF THIS INSULATION IS PLACED BETWEEN TWO LAYERS OF NONCOMBUSTIBLE MATERIALS WITHOUT AN INTERVENING AIRSPACE, THIS INSULATION SHALL BE ALLOWED TO HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 100 PER IBC SECTION 603.1.

METAL STUD SCHEDULE

SIZE	GA.	TYPE	CONVENTIAL STUD MAXIMUM UNSUPPORTED HGT @ 16" O.C.	'EQ' STUD MAXIMUM UNSUPPORED HGT @ 16" O.C.	CONVENTIONAL STUD MAXIMUM UNSUPPORTED HGT @ 24" O.C.	'EQ' STUD MAXIMUM UNSUPPORTED HGT @ 24" O.C.
1 5/8"	25	ST	6'-11"	6'-6"	6'-1"	5'-8"
	22	ST	8'-2"	6'-11"	7'-1"	6'-0"
	20	ST	8'-5"	7'-6"	7'-4"	6'-6"
2 1/2"	25	ST	9'-7"	9'-2"	8'-3"	8'-0"
	22	ST	11'-3"	9'-8"	9'-10"	8'-5"
	20	ST	11'-7"	10'-5"	10'-2"	9'-1"
3 5/8"	25	ST	12'-2"	11'-7"	9'-11"	10'-2"
	22	ST	15'-0"	12'-5"	13'-1"	10'-10"
	20	ST	15'-6"	13'-6"	13'-6"	11'-10"
	20	SJ	16'-0"	14'-5"	14'-0"	12'-7"
6"	20	ST	22'-11"	19'-11"	18'-11"	17'-5"
	20	SJ	23'-9"	21'-4"	20'-8"	18'-7"

1. CONVENTIONAL STUDS BASED ON INTERIOR NON-STRUCTURAL, NON-COMPOSITE LIMITING WALL HEIGHT TABLES. PARTITIONS W/ONE LAYER GYPSUM BOARD EACH SIDE (L/240 DEFLECTION - 5 PSF LOAD) PER SSMA PRODUCT TECHNICAL INFORMATION BULLETIN (ICBO ER-4943P)
2. 'EQ' STUDS BASED 'CLARK DIETRICH' PROSTUD DRYWALL FRAMING SYSTEM. ON INTERIOR NON-STRUCTURAL, NON-COMPOSITE LIMITING WALL HEIGHT TABLES. PARTITIONS W/ONE LAYER GYPSUM BOARD EACH SIDE (L/240 DEFLECTION - 5 PSF LOAD)
   - 'EQ' STUDS REFER TO SFIA AND SSMA INDUSTRIES ADVANCED ROLLED-FORMED AND STEEL MAKING TECHNOLOGIES THAT ENHANCES THE STUD SHAPE AND STRENGTH WITH GREATER EFFICIENCY, GREATER BENDING STRENGTH, ALLOWABLE MOMENT AND SCREW CONNECTION STRENGTHS ARE ACHIEVEABLE WHEN COMPARED TO CONVENTIONAL STUD MEMBERS.
3. MATERIAL DESIGN THICKNESS IS THE BASE METAL THICKNESS IN MILS. MINIMUM ALLOWED BASE METAL THICKNESS REPRESENTS 95% OF THE DESIGN THICKNESS.
4. RUNNER TRACK GAUGE TO MATCH STUD.
5. WALLS OVER 12'-0" HIGH TO BE LATERALLY BRACED - VERTICAL WITH 1 1/2" (20 GA) COLD-ROLLED CHANNELS CLIP ANCHORED TO METAL STUDS. SEE DETAILS ON THIS SHEET.
6. STND = STANDARD STUD. DRY = DRYWALL STUD. STR = STRUCTURAL STUD
7. USE GAUGE & TYPE OF STUD AS SCHEDULED, UNLESS NOTED OTHERWISE ON DRAWINGS.
- 'E' WEB STIFFENERS REQUIRED AT ENDS.

CEILING JOIST SCHEDULE

STUD SIZE	3 5/8" (362S162-33)	6" (600S162-33)	6" (600S162-43)	6" (600S162-43)
MAX SPAN	8'-0"	12'-0"	16'-0"	20'-0"

NOTES-

1. BASED ON CLARK DIETRICH METAL STUD PRODUCTS
2. UNIFORM LOAD = 15 PSF (10 PSF = CEILING LIGHTS, HVAC DIFFUSERS + PSF = SINGLE 2 1/2" MAX DIA. SPRINKLER LINE)
3. MAX JOIST SPACING = 24" O.C.
4. JOIST MATERIAL = 33 KSI MINIMUM
5. PROVIDE FULL DEPTH BLOCKING BETWEEN JOISTS AT 48" O.C. MAXIMUM
6. WEB STIFFENERS AT BEARING LOCATIONS ARE REQUIRED AT ALL 6" AND 8" DEEP JOIST LOCATIONS.
7. JOISTS HAVE BEEN DESIGNED FOR A DEFLECTION LIMIT OF TOTAL LOAD L/240.

WALL / PARTITION SCHEDULE

NOTE: NOT ALL PARTITION TYPES MAY BE USED AT THIS SPECIFIC PROJECT LOCATION

MARK	RATING	NOTES	DESCRIPTION	DIAGRAM	DEPTH
A	-	EXTERIOR WALL	12" NOM. INSULATED CONCRETE WALL PANELS. (SEE SHELL BUILDING DOCUMENTATION) PAINT EXPOSED INTERIOR FACE OF CONCRETE WALL PANELS. (PT-8)	A1	12" (NOM)
B1, B2, B3, B4	-	FURRING PARTITION	5/8" GYPSUM BOARD ON OCCUPIED SIDE OF 3 5/8" (25 GA) METAL STUDS AT 24" O.C FROM FINISHED FLOOR TO 6" ABOVE FINISHED CEILING U.N.O. W/R-13 FOIL-FACED BATT INSULATION FULL HEIGHT WHERE NOTED BELOW. HOLD PARTITION A MINIMUM 3/8" FROM FACE OF CONCRETE WALL PANEL. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. PROVIDED WATER RESISTANT GYPSUM BOARD AT TOILET ROOM AND WET WALL LOCATIONS. SEE DETAILS A & R/A-151. (SEE PARTITION TYPE 'B1' ON A-151) 'B1' - 3 5/8" (25 GA) STUDS AT 24" O.C. 3 1/2" BATT INSULATION 'B2' - 3 5/8" (25 GA) STUDS AT 24" O.C. 'B3' - 6" (20 GA) STUDS AT 24" O.C. 'B4' - 8" (20 GA) STUDS AT 24" O.C.	B1, B3, B4	3 5/8" (4 5/8" TOTAL TO FACE OF CONCRETE WALL) 6" (7" TOTAL TO FACE OF CONCRETE WALL) 8" (9" TOTAL TO FACE OF CONCRETE WALL)
C1, C2, C3, C4, C5, C6	'C5' 2-HR UL U419	COLUMN FURRING	5/8" GYPSUM BOARD ON OCCUPED SIDE OF 3 5/8" METAL STUDS (18 GA) AT 24" O.C. MAX. FROM FINISHED FLOOR TO 6" ABOVE FINISHED CEILING U.N.O. BELOW. TAPE, MUD, AND SAND SMOOTH READY FOR FINISHES. PROVIDE WATER RESISTANT GYPSUM BOARD AT TOILET ROOM AND WET WALL LOCATIONS. (SEE PARTITION TYPES C1 & C3 ON A-151) 'C1' - 3 5/8" (20 GA) STUDS AT 24" O.C. WITH R-13 FOIL FORCED 3 1/2" BATT INSULATION 'C2' - 3 5/8" (20 GA) STUDS AT 24" O.C. W/ 3 1/2" SOUND INSULATION 'C3' - 1 5/8" (18 GA) STUDS AT 24" O.C. TO B.O. DECK 'C4' - 3 5/8" (18 GA) STUDS AT 24" O.C. TO B.O. DECK W/ 3 1/2" SOUND INSULATION 'C5' - 3 5/8" (18 GA) STUDS AT 24" O.C. TO B.O. DECK W/(2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD ON OCCUPIED SIDE - 2HR RATING #U419 'C6' - 6" (18 GA) STUDS AT 24" O.C. W/ 6" SOUND INSULATION	C2, C3, C5, C6	4 1/4" 2 1/4" 4 7/8" 6 5/8"
D1	-	FULL HEIGHT OFFICE/ WAREHOUSE PARTITION	5/8" GYPSUM BOARD FROM FINISHED FLOOR TO BOTTOM OF DECK ABOVE ON WAREHOUSE SIDE AND 5/8" GYPSUM BOARD TO 6" ABOVE FINISHED CEILING ON OFFICE SIDE OF 6" (20 GA) METAL STUDS AT 16" O.C. PROVIDE 6" SOUND ATTENUATION BATTS FULL HEIGHT. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. PROVIDE HORIZONTAL CONTROL JOINT AT 12'-0" AFF (SEE PARTITION TYPE 'D1' ON A-151)	D1	7 1/4"
D2	-	FULL HEIGHT OFFICE/ TOILET / WAREHOUSE PARTITION	5/8" GYPSUM BOARD FROM FINISHED FLOOR TO BOTTOM OF DECK ABOVE ON WAREHOUSE SIDE AND 5/8" GYPSUM BOARD TO UNDERSIDE OF FINISHED GYPSUM BOARD CEILING ABOVE ON OFFICE SIDE OF 6" (20 GA) METAL STUDS AT 16" O.C. PROVIDE 6" SOUND ATTENUATION BATTS FULL HEIGHT. PROVIDE WATER RESISTANT GYPSUM BOARD FULL HEIGHT AT TOILET ROOM AND WET WALL LOCATIONS. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. PROVIDE HORIZONTAL CONTROL JOINT AT 12'-0" AFF (SEE PARTITION TYPE 'D2' ON A-151)	D2	7 1/4"
D3, D4	-	FULL HEIGHT PARTITION	5/8" GYPSUM BOARD FROM FINISHED FLOOR TO BOTTOMM OF DECK ABOVE ON BOTH SIDES OF 8" (18 GA) METAL STUDS AT 16" O.C. PROVIDE 6" SOUND ATTENUATION BATTS FULL HEIGHT. PROVIDE WATER RESISTANT GYPSUM BOARD FULL HEIGHT AT TOILET ROOM AND WET WALL LOCATIONS. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. PROVIDE HORIZONTAL CONTROL JOINT AT 12'-0" AFF (SEE PARTITION TYPE 'D3' ON A-151) 'D4' - SAME AS ABOVE EXCEPT PROVIDE 6" (20 GA) STUDS AT 16" O.C.	D3, D4	9 1/4" 7 1/4"
E1, E2, E3	-	OFFICE PARTITION	5/8" GYPSUM BOARD ON BOTH SIDES OF 3 5/8" (25 GA) METAL STUDS AT 24" O.C. FROM FINISHED FLOOR TO 6" ABOVE FINISHED CEILING, U.N.O. PROVIDE SOUND ATTENUATION BATTS FULL HEIGHT WHERE NOTED BELOW. PROVIDE WATER RESISTANT GYPSUM BOARD AT TOILET ROOM AND WET WALL LOCATIONS. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. (SEE PARTITION TYPE 'E1' ON A-151) 'E1' - 3 5/8" (25 GA) STUDS AT 24" W/ 3 1/2" SOUND INSULATION 'E2' - 3 5/8" (25 GA) STUDS AT 24" O.C. 'E3' - 6" (20 GA) STUDS AT 24" O.C. W/6" SOUND INSULATION	E1, E3	4 7/8" 7 1/4"
F1, F2	-	SECURITY PARTITION	5/8" GYPSUM BOARD, FULL HEIGHT, ON BOTH SIDES OF 8" (20 GA) METAL STUDS AT 24" O.C. EXTEND FRAMING FROM FINISHED FLOOR TO 12'-0" AFF. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. (SEE PARTITION TYPE 'F1' ON A-151) 'F2' - 3 5/8" (20 GA) STUDS AT 24" O.C.	F1, F2	9 1/4" 4 7/8"
G1	-	TOILET ROOM PARTITION	5/8" GYPSUM BOARD OCCUPIED SIDE OF 3 5/8" (20 GA) METAL STUDS AT 24" O.C. PROVIDE 3 1/2" SOUND ATTENUATION BATT INSULATION. EXTEND 5/8" GYPSUM BOARD ON TOILET ROOM SIDE FROM FINISHED FLOOR TO UNDERSIDE OF TYP. BRD. CEILING ABOVE (OR AS NOTED ON THE PLANS) PROVIDE WATER RESISTANT GYPSUM BOARD AT TOILET ROOM AND WET WALL LOCATIONS TO 8'-0" AFF. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. (SEE PARTITION TYPE 'G1' ON A-151)	G1	4 1/4"
G2	-	FULL HEIGHT PARTITION AT GYP. BOARD CEILING	5/8" GYPSUM BOARD ON BOTH SIDES OF 6" (20 GA) METAL STUDS AT 24" O.C. WITH 6" SOUND ATTENUATION BATT INSULATION. PARTITION TO EXTEND TO 15'-0" AFF. EXTEND 5/8" GYPSUM BOARD ON VESTIBULE SIDE FROM FINISHED FLOOR TO UNDERSIDE OF GYP. BRD. CEILING ABOVE (OR AS NOTED ON THE PLAN) TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. (SEE PARTITION DETAIL 'G2' ON A-151)	G2	7 1/4"
G3	-	TOILET ROOM PARTITION	5/8" WATER RESISTANT GYPSUM BOARD ON TOILET ROOM SIDE OF 3 5/8" (20 GA) METAL STUDS AT 24" O.C. FROM FINISHED FLOOR TO 8'-1" AFF. PROVIDE 3 1/2" SOUND ATTENUATION BATTS. TAPE, MUD AND SAND READY FOR FINISHES. (SEE PARTITION TYPE 'G3' ON A-151)	G3	13 1/4"
G4, G4a	-	TOILET ROOM PARTITION	5/8" WATER RESISTANT GYPSUM BOARD ON BOTH SIDES OF 3 5/8" (20 GA) METAL STUDS AT 24" O.C. FROM FINISHED FLOOR TO 9'-0" AFF. PROVIDE 3 1/2" SOUND ATTENUATION BATTS FULL HEIGHT. TAPE, MUD AND SAND READY FOR FINISHES. (SEE PARTITION TYPE 'G4' ON A-151) 'G4a' - SAME AS ABOVE EXCEPT PROVIDE 6" (20 GA) METAL STUDS AT 24" O.C.	G4, G4a	4 7/8" 7 1/4"
G5, G6	-	OFFICE PARTITION	5/8" GYPSUM BOARD BOTH SIDES OF 6" (20 GA) METAL STUDS AT 24" O.C. PARTITION TO EXTEND TO 8" ABOVE FINISHED CEILING. EXTEND 5/8" GYPSUM BOARD ON TOILET / VENDING STORAGE / NEW MOTHERS SIDE FROM FINISHED FLOOR TO UNDERSIDE OF GYP. BRD. CEILING ABOVE (OR AS NOTED ON THE PLAN) PROVIDE 6" SOUND ATTENUATION BATTS FULL HEIGHT. PROVIDE WATER RESISTANT GYPSUM BOARD FULL HEIGHT AT TOILET ROOM AND WET WALL LOCATIONS. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. (SEE PARTITION TYPE 'G5' ON A-151 'G6' - PROVIDE 3 5/8" (20 GA) METAL STUDS AT 16" OC. TO UNDERSIDE OF GYP. BRD. CEILING.	G5, G6	7 1/4" 4 7/8"
G7	-	TOILET ROOM PARTITION	'G7' - 5/8" WATER RESISTANT GYPSUM BOARD ON TOILET ROOM SIDE OF 3 5/8" (20 GA) METAL STUDS AT 24" O.C. FROM FINISHED FLOOR TO 9'-1" AFF. 5/8" GYPSUM BOARD ON WAREHOUSE SIDE OF 3 5/8" (20 GA) METAL STUDS AT 24" O.C. FROM FINISHED FLOOR TO 10'-0" AFF. PROVIDE 3 1/2" SOUND ATTENUATION BATTS. TAPE, MUD AND SAND READY FOR FINISHES. (SEE PARTITION TYPE 'G7' ON A-151)	G7	SEE PLAN
H	1-HR U.L. #U419	FULL HEIGHT MOTOR CONTROL ROOM PARTITION	(1) LAYER 5/8" TYPE 'X' GYPSUM BOARD ON BOTH SIDES OF 6" (14 GA) METAL STUDS AT 16" O.C. PARTITION TO EXTEND FROM FINISH FLOOR TO UNDERSIDE OF DECK ABOVE. PROVIDE 6" SOUND ATTENUATION BATT INSULATION FULL HEIGHT. TAPE, MUD AND SAND GYPSUM BOARD SMOOTH READY FOR FINISHES. (SEE PARTITION TYPE 'H' ON A-151)	H	8 1/4"
J	-	DEMARC ROOM FURRING PARTITION	(1) LAYER 5/8" GYPSUM BOARD ON ONE SIDE OF 3 5/8" (20 GA) METAL STUDS AT 24" O.C. PARTITION TO EXTEND FROM FINISH FLOOR TO 9'-0" AFF. HOLD FRAMING 3/8" MIN. FROM FACE OF PRECAST CONCRETE WALL. PROVIDE SLIDE CLIP ANCHOR AT TOP AND MID-HEIGHT OF EACH STUD. PROVIDE R-13 F.S.K. BATT INSULATION WITH VAPOR BARRIER FULL HEIGHT. TAPE, MUD AND SAND GYPSUM BOARD SMOOTH READY FOR FINISHES. (SEE PARTITION TYPE 'J' ON A-151)	J	4 1/4"
K	-	SECURITY DESK PARTITION	'K' - 5/8" GYPSUM BOARD ON BOTH SIDES OF 6" (20 GA) METAL STUDS AT 24" O.C. FROM FINISHED FLOOR TO 12'-0" AFF. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. (SEE PARTITION TYPE 'K' ON A-151)	K	7 1/4"
L	-	SECURITY DESK PARTITION TO 3'-8"	'L' - 5/8" GYPSUM BOARD ON BOTH SIDES OF 3 5/8" (25 GA) METAL STUDS AT 24" O.C. FROM FINISHED FLOOR TO 44" AFF. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. (SEE PARTITION TYPE 'L' ON SHEET A-151)	L	4 7/8"
M	-	FULL-HEIGHT SECURITY PARTITION	5/8" GYPSUM BOARD FROM FINISHED FLOOR TO 12'-0" AFF ON BOTH SIDES OF 8" (14 GA) METAL STUDS AT 16" O.C. TO EXTEND FROM FINISHED FLOOR TO BOTTOM OF DECK ABOVE. TAPE, MUD, AND SAND SMOOTH READY FOR FINISHES. PROVIDE SECURITY MESH ON BOTH SIDES OF PARTITION FROM 12'-0" AFF TO BOTOM OF DECK ABOVE. (SEE PARTITION TYPE 'M' ON A-151)	M	8 1/4"
N1, N2, N3, N4	2-HR U.L. #U415	SHAFT PARTITION	(2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD ON ONE SIDE AND 1" GYPSUM BOARD LINER PANEL ON SHAFT SIDE OF (20 GA) METAL C-H STUDS. PARTITION TO EXTEND FROM FINISH FLOOR TO UNDERSIDE OF DECK ABOVE. PROVIDE SOUND ATTENUATION BATT INSULATION WHERE INDICATED BELOW. TAPE, MUD AND SAND GYPSUM BOARD SMOOTH READY FOR FINISHES. 'N1' - 4" C-H STUDS AT 24" O.C., 2 1/2" INSULATION 'N2' - 4" C-H STUDS AT 24" O.C. 'N3' - 6" C-H STUDS AT 16" O.C. 'N4' - 6" C-H STUDS AT 16" O.C., 3 1/2" INSULATION (SEE PARTITION TYPE 'N' ON A-151)	N1 & N2, N3 & N4	5 1/4" N1,N2 7 1/4" N3,N4
P	1-HR U.L. #U419	DEMARC ROOM PARTITION	5/8" TYPE 'X' GYPSUM BOARD ON BOTH SIDES OF 6" (16 GA) METAL STUDS AT 16" O.C. FROM FINISH FLOOR TO 9'-0" AFF. PROVIDE R-11 BATT INSULATION FULL HEIGHT. TAPE, MUD, AND SAND SMOOTH READY FOR FINISHES. (SEE PARTITION DETAIL 'P' ON SHEET A-151)	P	7 1/4"
Q	-	SCRUBBER DUMP PARTITION	8" STANDARD CMU BLOCK - EXTEND FROM FINISH SLAB TO 4'-0" AFF (PAINT) - PROVIDE HORIZ. JOINT REINFORCING AT 16" O.C. - PROVIDE #5 VERTICAL REINFORCING AT 40" O.C. AND AT CORNERS - GROUT ALL CORES SOLID (SEE PARTITION TYPE 'Q' ON A-151)	Q	7 5/8"
R, R1	-	WAREHOUSE TOILET ROOM PARTITION	5/8" GYPSUM BOARD ON WAREHOUSE SIDE W/6" (20 GA) METAL STUDS AT 24" O.C. TO 14'-0" AFF. PROVIDE 5/8" WATER RESISTANT GYP. BRD TO 8'-0" AFF AT TOILET ROOM LOCATIONS (-OR- TO UNDERSIDE OF GYP. BRD. CEILING). PROVIDE 6" SOUND ATTENUATION BATTS FULL HEIGHT. TAPE, MUD AND SAND SMOOTH READY FOR FINISHES. (SEE SIM. PARTITION TYPE 'G2' ON SHEET A-151) R1 - PROVIDE 3 5/8" (20 GA) METAL STUDS AT 16" O.C. TO 14'-0" AFF.	R, R1	7 1/4" 4 7/8"
S	1-HR U.L. #U905	BUILDING SERVICES ROOM	8" STANDARD CMU BLOCK WALL FROM FINISH FLOOR TO 12'-0" AFF. GROUT SOLID AND PAINT. PROVIDE HORIZONTAL JOINT REINFORCING AT 16" O.C. PROVIDE #5 VERTICAL REINFORCING AT 40" O.C. AND AT CORNERS. EMBED VERTICAL REINFORCING 6" MIN. INTO CONCRETE SLAB WITH CHEMICAL ADHESIVE. (SEE PARTITION DETAIL 'S' ON A-150)	S	7 5/8"

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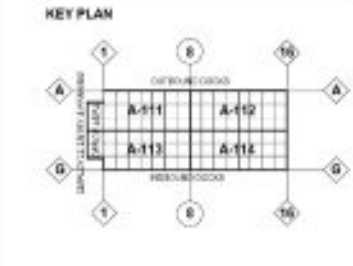
OWNER

CONSULTANTS

IES

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION
PROJECT BERON
COUNCIL BLUFFS, IA

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moen
LICENSE NUMBER: 07494
MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DRAWN BY: MS — CHECKED BY: EM
JOB NO.: 701088 — DATE: 3/5/2021

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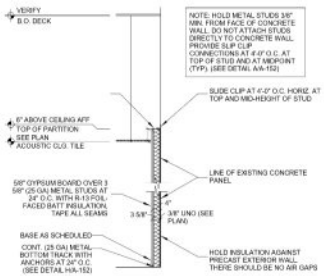
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3/5/2021

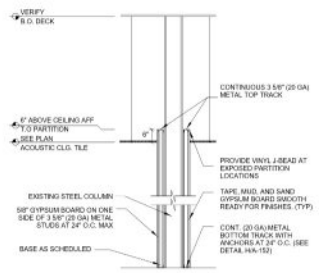
PARTITION SCHEDULE

A-150

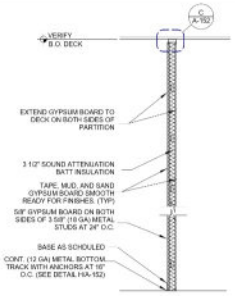
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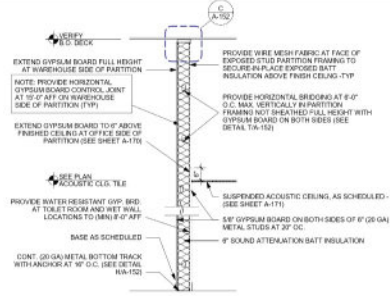
B1 A-151 FURRING PARTITION 1/2" = 1'-0"



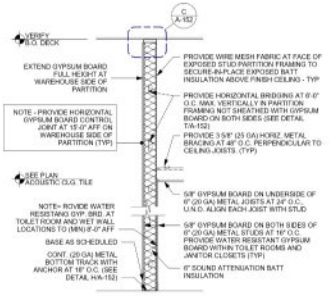
C1 A-151 COLUMN FURRING 1/2" = 1'-0"



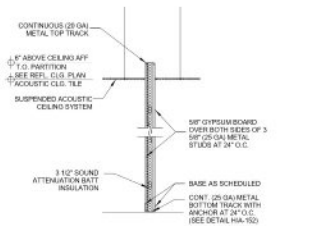
C3 A-151 FULL-HEIGHT FURRING 1/2" = 1'-0"



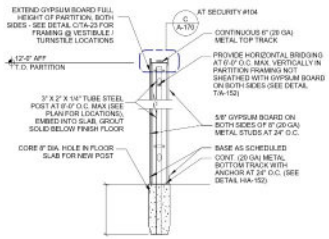
D1 A-151 OFFICE-WAREHOUSE PARTITION 1/2" = 1'-0"



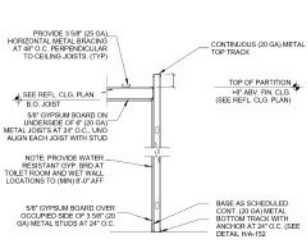
D2 A-151 TOILET-OFFICE PARTITION 1/2" = 1'-0"



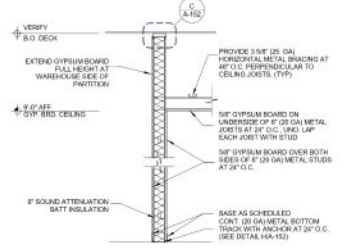
E1 A-151 OFFICE PARTITION 1/2" = 1'-0"



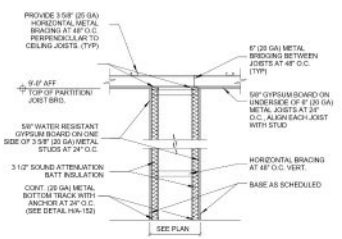
P1 A-151 SECURITY PARTITION 1/2" = 1'-0"



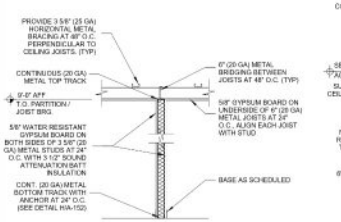
G1 A-151 TOILER ROOM PARTITION 1/2" = 1'-0"



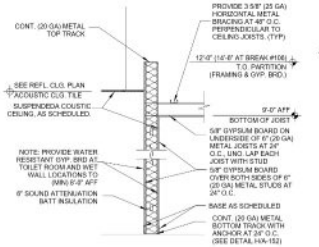
G2 A-151 VESTIBULE PARTITION 1/2" = 1'-0"



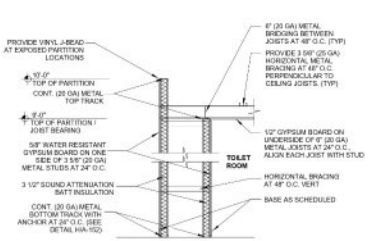
G3 A-151 TOILET ROOM PARTITION 1/2" = 1'-0"



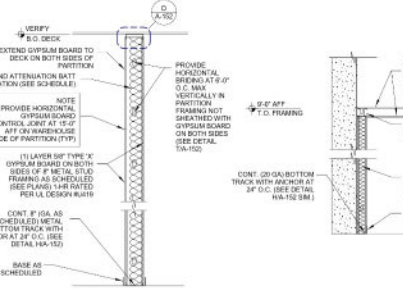
G4 A-151 TOILET ROOM PARTITION 1/2" = 1'-0"



G5 A-151 BREAK ROOM PARTITION 1/2" = 1'-0"

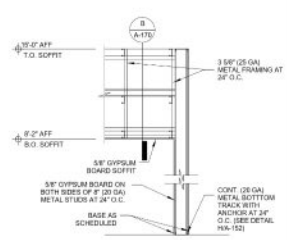


G7 A-151 TOILET ROOM PARTITION 1/2" = 1'-0"

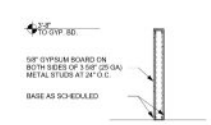


H A-151 FULL HEIGHT PARTITION 1/2" = 1'-0"

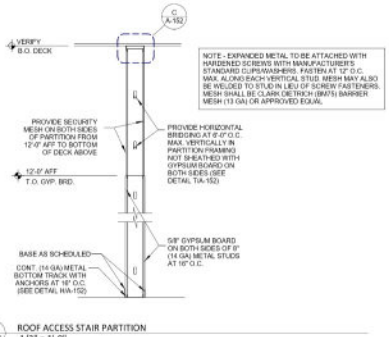
J A-151 DEMARC ROOM PARTITION 1/2" = 1'-0"



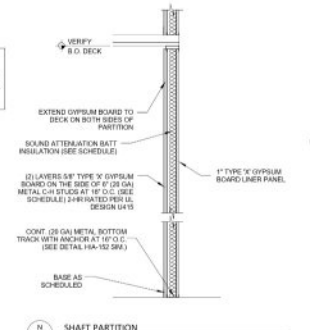
K A-151 SECURITY DESK PARTITION 1/2" = 1'-0"



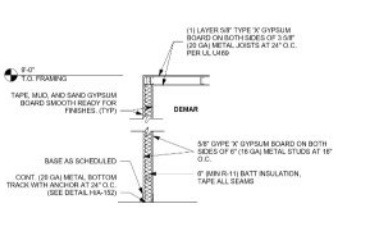
L A-151 SECURITY DESK PARTITION 1/2" = 1'-0"



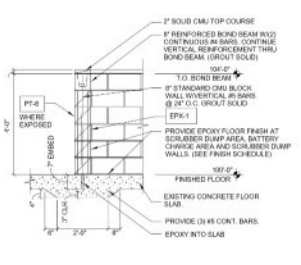
M A-151 ROOF ACCESS STAIR PARTITION 1/2" = 1'-0"



N A-151 SHAFT PARTITION 1/2" = 1'-0"



P A-151 DEMARC ROOM PARTITION 1/2" = 1'-0"



Q A-151 SCRUBBER DUMP PARTITION 1/2" = 1'-0"

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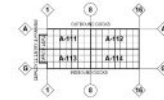
CONSULTANTS

IES Communications

Bonestroo Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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MS, MK	EM
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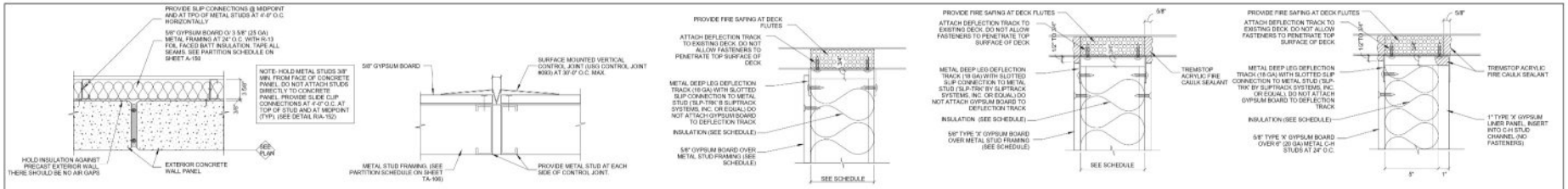
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ISSUE #	DATE	DESCRIPTION
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PARTITION DETAILS

A-151



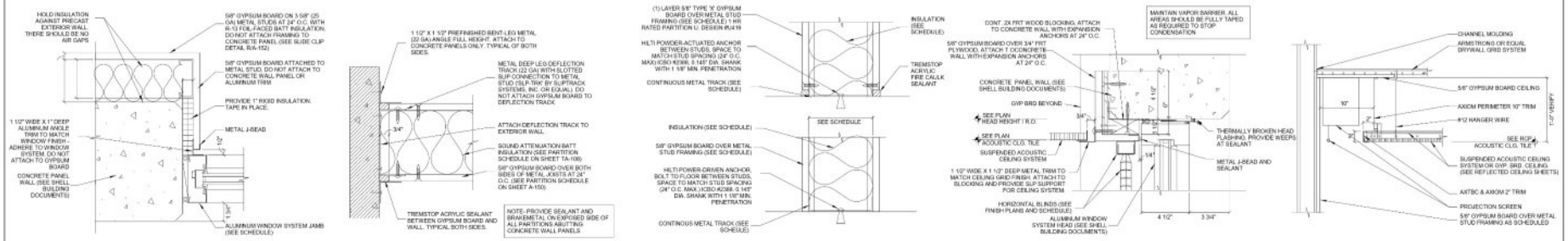
A A-152 SIDE CLIP DETAIL 1 1/2" = 1'-0"

B A-152 CONTROL JOINT DETAIL 3" = 1'-0"

C A-152 FRAMING DETAIL AT DECK 3" = 1'-0"

D A-152 FRAMING DETAIL AT DECK 3" = 1'-0"

E A-152 FRAMING DETAIL AT DECK 3" = 1'-0"



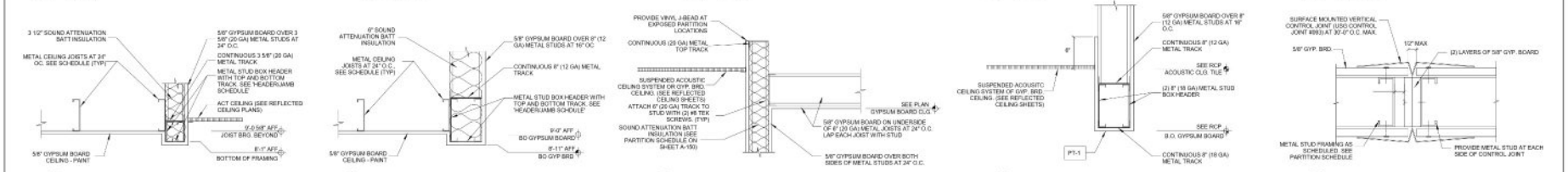
F A-152 PARTITION PLAN DETAIL 3" = 1'-0"

G A-152 FRAMING DETAIL AT WALL 3" = 1'-0"

H A-152 FRAMING DETAIL AT SILL TRACK 3" = 1'-0"

J A-152 CEILING DETAIL - TYP.OFFICE WINDOW 3" = 1'-0"

K A-152 RECESSED PROJECTION SCREEN DETAIL 1 1/2" = 1'-0"



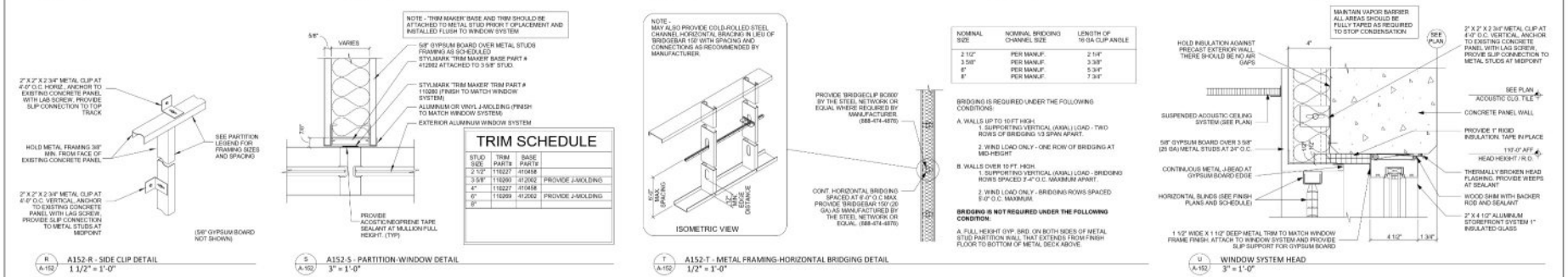
L A-152 HEADER DETAIL 1 1/2" = 1'-0"

M A-152 HEADER DETAIL 1 1/2" = 1'-0"

N A-152 CEILING FRAMING DETAIL 1 1/2" = 1'-0"

P A-152 HEADER DETAIL 1 1/2" = 1'-0"

Q A-152 CONTROL JOINT DETAIL 3" = 1'-0"

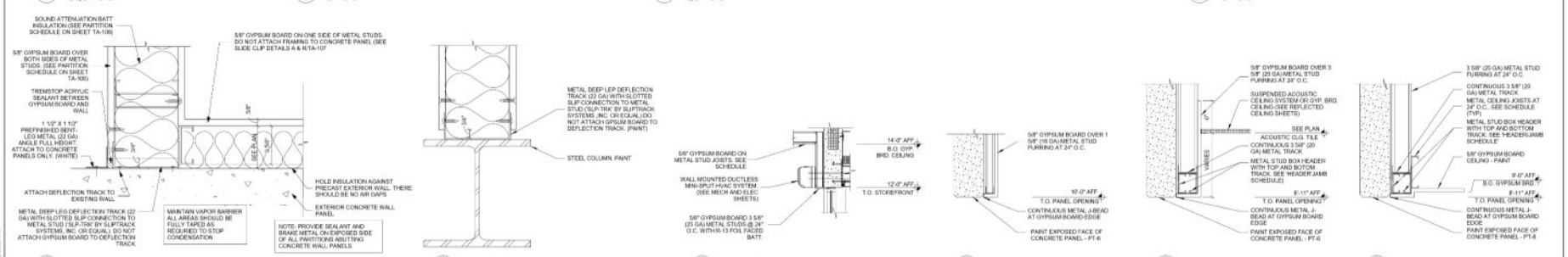


R A-152 A152-R - SIDE CLIP DETAIL 1 1/2" = 1'-0"

S A-152 A152-S - PARTITION-WINDOW DETAIL 3" = 1'-0"

T A-152 A152-T - METAL FRAMING-HORIZONTAL BRIDGING DETAIL 1/2" = 1'-0"

U A-152 WINDOW SYSTEM HEAD 3" = 1'-0"



V A-152 FRAMING DETAIL AT WALL 3" = 1'-0"

W A-152 FRAMING AT COLUMN 3" = 1'-0"

X A-152 FRAMING DETAIL AT AIRLOCK 1/2" = 1'-0"

Y A-152 HEADER DETAIL 1 1/2" = 1'-0"

Z A-152 HEADER DETAIL 1 1/2" = 1'-0"

AA A-152 HEADER DETAIL 1 1/2" = 1'-0"

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KEY PLAN

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PRINTED OR TYPED NAME: Eric Mohs

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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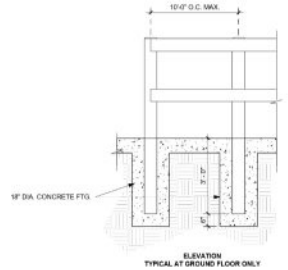
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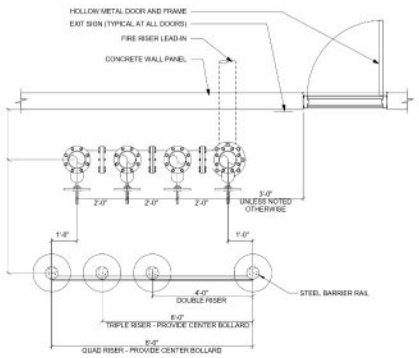
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3/5/2021

CONSTRUCTION DETAILS

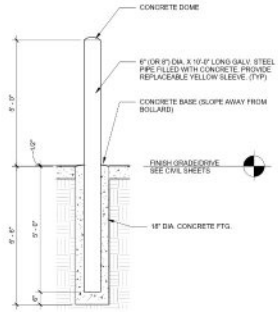
A-152



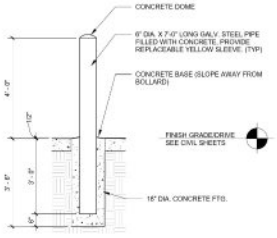
ELEVATION
TYPICAL AT GROUND FLOOR ONLY



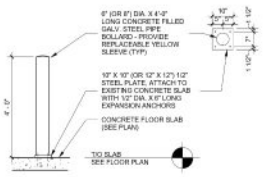
A A-153 SPRINKLER RISER GUARD RAIL DETAIL
1/2" = 1'-0"



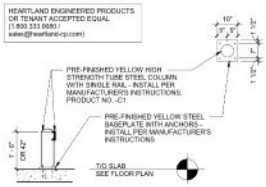
B A-153 TRANSFORMER BOLLARD
1/2" = 1'-0"



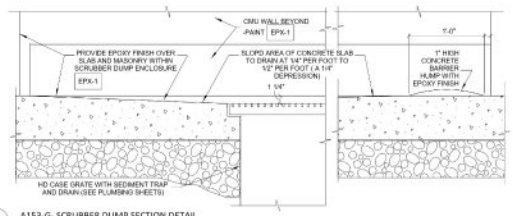
C A-153 EXTERIOR BOLLARD
1/2" = 1'-0"



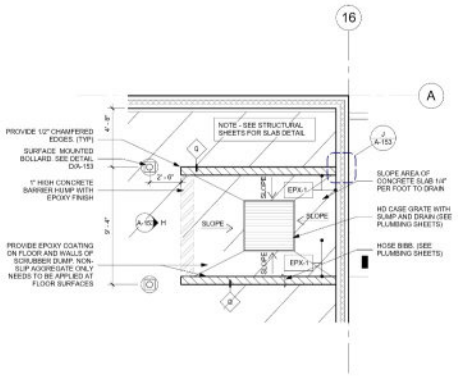
D A-153 INTERIOR BOLLARD DETAIL
1/2" = 1'-0"



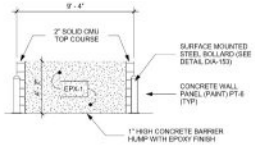
E A-153 INTERIOR BOLLARD DETAIL
1/2" = 1'-0"



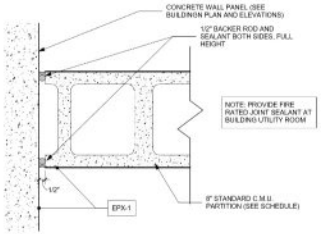
G A-153 A153-G- SCRUBBER DUMP SECTION DETAIL
1 1/2" = 1'-0"



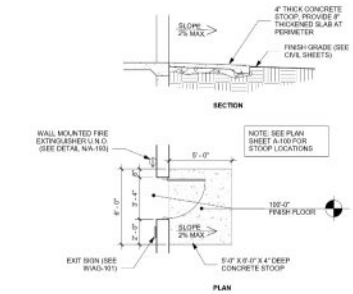
F A-153 ENLARGED SCRUBBER DUMP PLAN
1/4" = 1'-0"



H A-153 SCRUBBER DUMP ELEVATION
1/4" = 1'-0"



J A-153 MASONRY WALL DETAIL
3" = 1'-0"



K A-153 STOOP DETAIL
1/4" = 1'-0"

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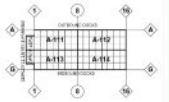
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT
ERIC MOIS
07494
IOWA
3/3/21

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mois

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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JOB NO.	DATE
701068	3/5/2021

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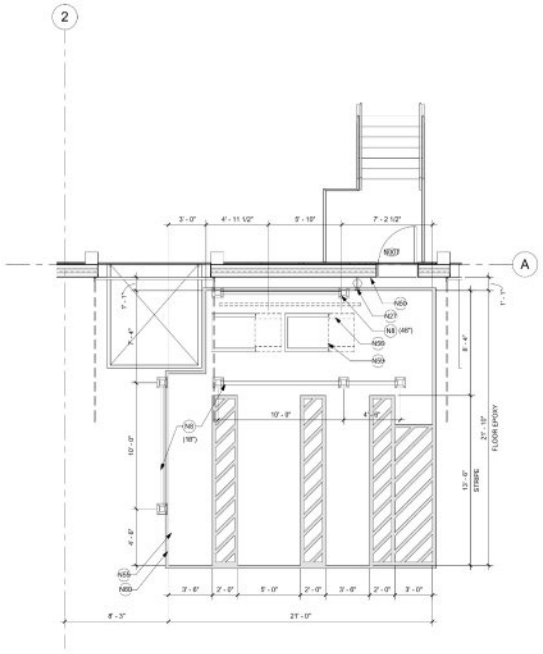
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3/5/2021

CONSTRUCTION DETAILS

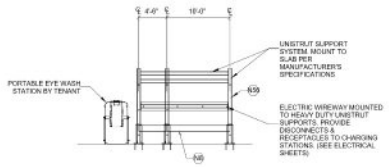
A-153

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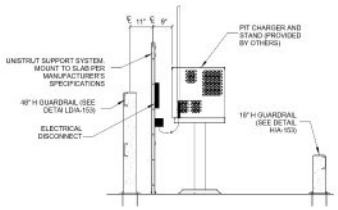


A A-154 BATTERY CHARGING FLOOR PLAN
1/4" = 1'-0"

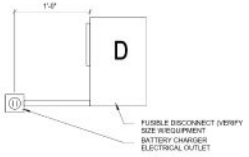
N



B A-154 PIT /BATTERY CHARGING AREA ELEVATION
1/8" = 1'-0"



C A-154 BATTERY CHARGING STATION
1/2" = 1'-0"



D A-154 DISCONNECT DETAIL
1 1/2" = 1'-0"

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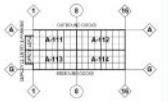
CONSULTANTS

IES Communications

Ramsey Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT
ERIC M. MOSS
07494
IOWA
3/3/21

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PRINTED OR TYPED NAME: Eric Moss

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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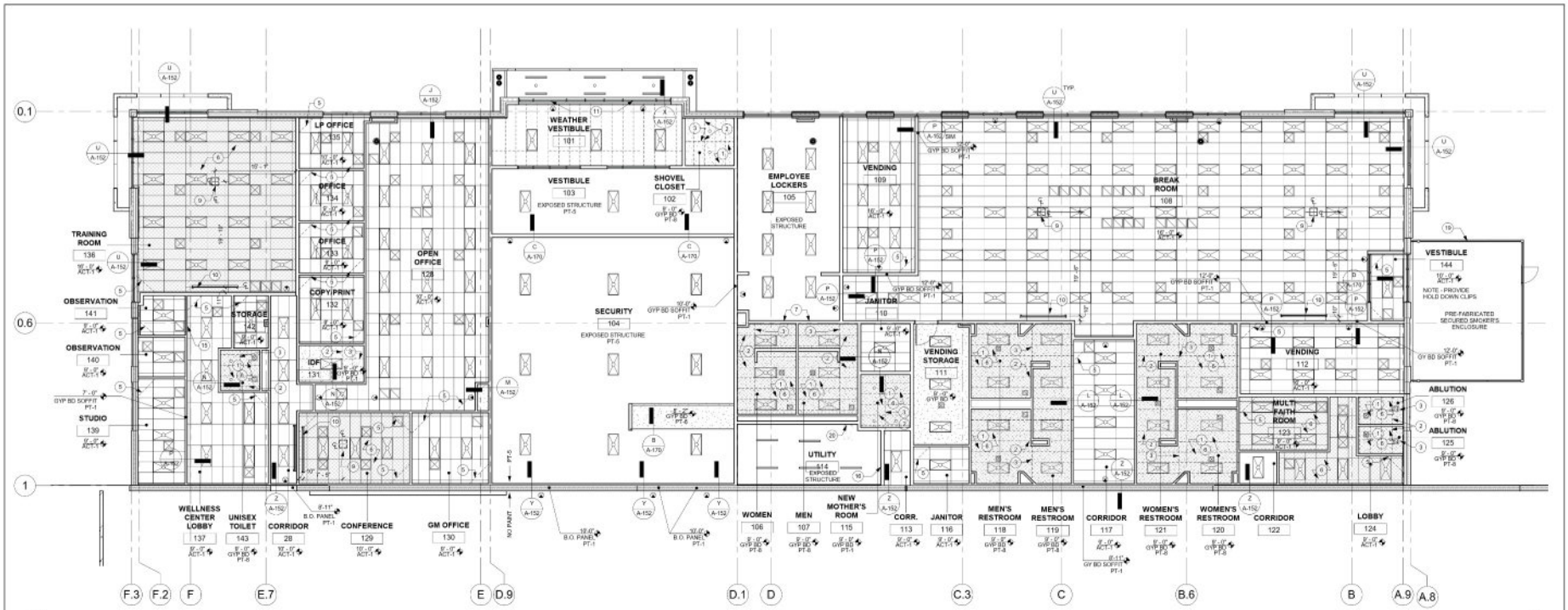
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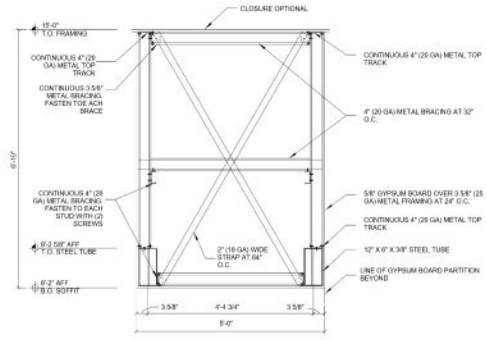
PIT CHARGING PLANS AND DETAILS

A-154

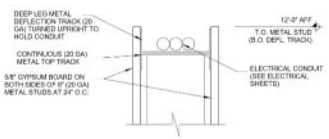
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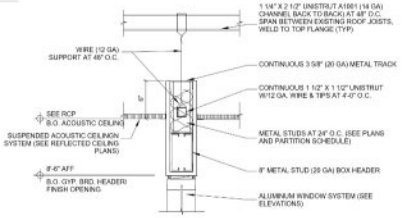
1 A-170 OVERALL MAIN OFFICE REFLECTED CEILING PLAN
1/8" = 1'-0"



B A-170 SECURITY SOFFIT DETAIL
3/4" = 1'-0"



C A-170 FRAMING DETAIL AT VESTIBULE
3" = 1'-0"



D A-170 SOFFIT DETAIL
1 1/2" = 1'-0"

REFLECTED CEILING PLAN LEGEND

2'-0" x 4'-0" ACOUSTIC CEILING TILE GRID (SEE ROOM FINISH SCHEDULE ON A-108 FOR TYPE AND HEIGHT		ANDON LIGHTS (SEE ELECTRICAL SHEETS)
PROVIDE 6 1/4" 'SONOBATTS' INSULATION AT LOCATIONS INDICATED ON REFLECTED CEILING PLAN.		EMERGENCY EXIT SIGN CENTER ABOVE DOOR (TYP.)
5/8" GYPSUM BOARD CEILING OR SOFFIT (SEE ROOM FINISH SCHEDULE ON A-180 FOR HEIGHT, U.N.O.)		COMBINATION EXIT / EMERGENCY LIGHT / SIGN. CENTER ABOVE DOOR (TYP.)
24" x 24" SUPPLY AIR DIFFUSER (SEE MECHANICAL SHEETS)		EMERGENCY LIGHT (SEE ELECTRICAL SHEETS)
12" x 12" SUPPLY AIR DIFFUSER (SEE MECHANICAL SHEETS)		2'x4' LAY IN FLORESCENT LIGHT FIXTURE (SEE ELECTRICAL SHEETS)
12" x 6" SUPPLY AIR DIFFUSER (SEE MECHANICAL SHEETS)		2'x2' LAY IN FLORESCENT LIGHT FIXTURE (SEE ELECTRICAL SHEETS)
24" x 24" RETURN AIR GRILLE (SEE MECHANICAL SHEETS)		EMERGENCY EGRESS LIGHT FIXTURE (SEE ELECTRICAL SHEETS)
12" x 24" RETURN AIR GRILLE (SEE MECHANICAL SHEETS)		RECESSED CAN LIGHT FIXTURE (SEE ELECTRICAL SHEETS)
LINEAR SUPPLY AIR DIFFUSER (SEE MECHANICAL SHEETS)		4' OR 8' FLUORESCENT LIGHT FIXTURE (SEE ELECTRICAL SHEETS)
FAN / LIGHT COMBO FIXTURE (SEE ELECTRICAL SHEETS)		WALL MOUNTED FLUORESCENT STRIP FIXTURE (SEE ELECTRICAL SHEETS)
HORIZONTAL CEILING JOISTS AT 24" O.C. MAX. COORDINATE WITH STRUCTURAL SHEETS		

NOTES
1. SEE MECHANICAL AND ELECTRICAL SHEETS FOR ALL FIXTURE SPECIFICATIONS, WIRING AND POWER REQUIREMENTS.
2. REFER TO 'MATERIAL FINISH KEY' ON SHEET A-181 FOR SPECIFICATIONS, NOTES, SUSPENDED CEILING TILE AND GRID TYPES.
3. SEE MECHANICAL/ELECTRICAL SHEETS FOR LIGHT FIXTURE AND HVAC DEVICE LOCATIONS.
4. SEE SECURITY DRAWINGS FOR DEVICE LOCATIONS. (SECURITY BY OTHERS, N.I.C.) FOR REFERENCE ONLY. G.C. TO COORDINATE ELECTRICAL REQUIREMENTS.
5. SEE A/V DRAWINGS FOR DEVICE LOCATIONS AND SPECIFICATIONS. (A/V BY OTHERS, N.I.C.) FOR REFERENCE ONLY. G.C. TO COORDINATE ELECTRICAL REQUIREMENTS.

RCP KEYNOTES

1. 5/8" GYPSUM BOARD ON METAL CEILING JOISTS, SEE SCHEDULE U.N.O.
2. LINE OF CEILING JOISTS ABOVE (SEE SCHEDULE)
3. PROVIDE 3 5/8" (25 GA.) HORIZONTAL METAL BRACING AT 48" O.C. PERPENDICULAR TO CEILING JOISTS. (TYP.)
4. ELECTRIC WATER HEATER LOCATED ABOVE CEILING
5. PROVIDE 3 5/8" (25 GA.) HORIZONTAL BRACING AS REQUIRED AT 48" MIN. FROM INSIDE CORNER (TYP.)
6. 6 1/4" THICK 'SONOBATT' INSULATION ABOVE CEILING AT ALL CONFERENCE ROOMS AND TOILET ROOMS.
7. 3'-0" WIDE x 7'-0" HIGH CASED OPENING
8. 5'-0" OR 6'-0" WIDE x 7'-0" HIGH CASED OPENING
9. G.C. TO PROVIDE (4) 12 GA. TIE WIRES FROM ROOF STRUCTURE DOWN TO SUS. CEILING FOR TENANT PROVIDED PROJECTOR CEILING MOUNT. PROJECTOR AND MOUNT TO BE SUPPLIED AND INSTALLED BY A/V CONTRACTOR. IN LCI (SEE ADJUSTABLE SUSPENDED CEILING CHANNEL KIT "ELPMBP01 BY PEERLESS MOUNTS FOR REQUIREMENTS. (800.729.0307)
10. RECESSED OR FLUSH MOUNTED MANUAL PROJECTION SCREEN. PROVIDED AND INSTALLED BY TENANT
11. HEATED AIR CURTAIN - SEE MECHANICAL SHEETS.
12. LINE OF HVAC SUPPLY DUCT WORK - SEE MECHANICAL SHEETS. DUCT WORK TO 1'-0" MIN. FROM PARTITIONS.
13. PROVIDE 6" (20 GA) HORIZONTAL BRACING AT 48" O.C. AT TOP PARTITION. BRACE BACK TO FULL HEIGHT PARTITION.
14. LINE OF BUILDING CANOPY. (SEE SHELL BUILDING DRAWINGS)
15. 4'-0" WIDE x 7'0" HIGH CASED OPENING
16. SPLIT SYSTEM INDOOR HVAC UNIT (WALL OR CEILING MOUNTED) CONDENSATE DRAIN LINE CONNECTED INTO U/G PIPING SYSTEM. MECHANICAL, ELECTRICAL & PLUMBING SHEETS)
17. ROOF MOUNTED EXHAUST FAN ABOVE. (SEE MECHANICAL SHEETS)
18. 12" WIDE LADDER RACK AT TOP OF TELECOM EQUIPMENT BELOW EXTEND WALL TO WALL. (SEE TELECOM AND ELECTRICAL SHEETS)
19. EXTERIOR CANOPY (SEE SHELL BUILDING DOCUMENTATION)
20. ROOF ACCESS LADDER AND HARDWARE (SEE SHEET A-303)
21. CEILING MOUNTED ELECTRIC HEATERS (SEE MECHANICAL SHEETS)

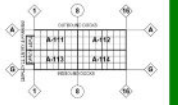
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KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT E. M. MOSES 20744 3/3/21 IOWA

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moses

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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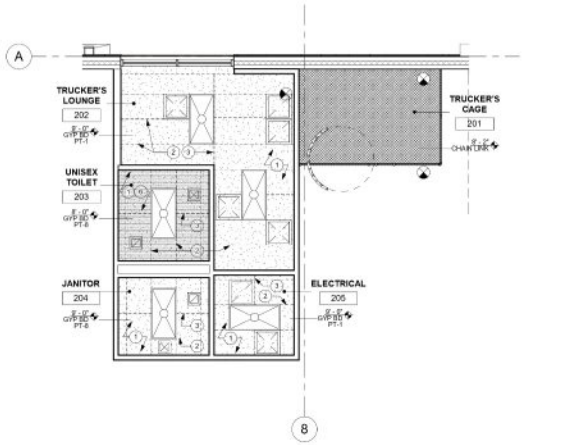
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3/5/2021

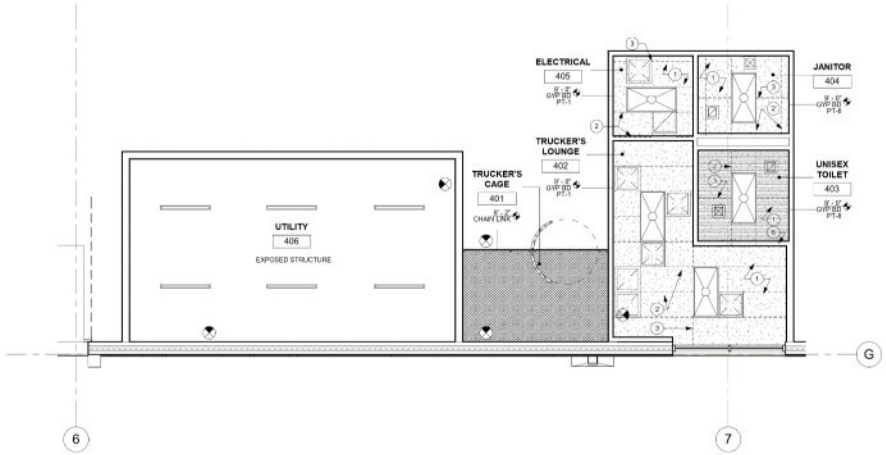
OVERALL REFLECTED CEILING PLAN AND NOTES

A-170

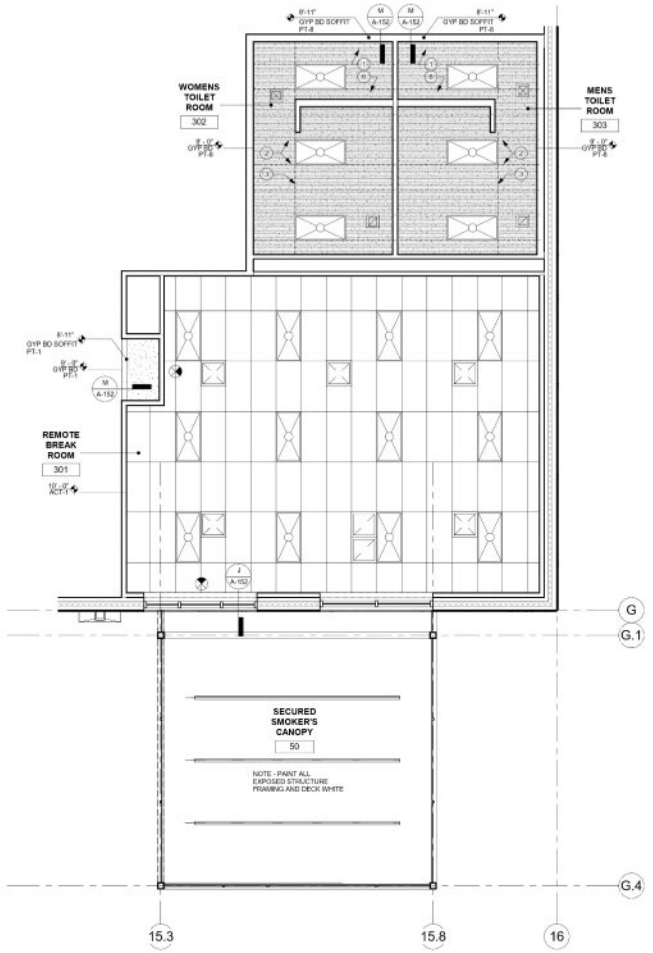
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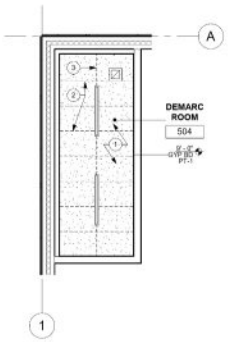
1 A-171 ENLARGED TRUCKER'S LOUNGE REF. CEILING PLAN - NORTH
1/4" = 1'-0"



2 A-171 ENLARGED TRUCKER'S LOUNGE REF. CEILING PLAN - SOUTH
1/4" = 1'-0"



3 A-171 ENLARGED REMOTE BREAK ROOM REF. CEILING PLAN - SOUTH
1/4" = 1'-0"



4 A-171 ENLARGED DEMARC REFLECTED CEILING PLAN
1/4" = 1'-0"

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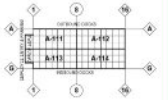
CONSULTANTS

IES Communications

Reamer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



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PROJECT BERON

COUNCIL BLUFFS, IA



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PRINTED OR TYPED NAME: Eric Moss

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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3/5/2021

ENLARGED REFLECTED CEILING PLANS

A-171

3/3/2021 5:59:56 PM

INTERIOR ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR MATERIAL	FLOOR FINISH	BASE	CEILING MATERIAL	CEILING FINISH	CEILING HEIGHT	NORTH MATERIAL	NORTH FINISH	EAST MATERIAL	EAST FINISH	SOUTH MATERIAL	SOUTH FINISH	WEST MATERIAL	WEST FINISH	COMMENTS
101	WEATHER VESTIBULE	CARPET	CPT-2	VB-3	GYPSUM BOARD	PT-1	13'-0" AFF.	GYPSUM BOARD	PT-30	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-30	GYPSUM BOARD	PT-8	
102	SHOVEL CLOSET	SEALED CONCRETE	SC-1	VB-3	GYPSUM BOARD	PT-8	9'-0" AFF.	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	PROVIDE SEALANT AT ALL EXPOSED CONCRETE FLOOR SLAB JOINTS
103	SECURITY VESTIBULE	POLISHED CONCRETE	SC-2	VB-3	OPEN TO STRUCTURE	PT-5	--	GYPSUM BOARD	PT-30	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-30	GYPSUM BOARD	PT-8	PROVIDE SEALANT AT ALL EXPOSED CONCRETE FLOOR SLAB JOINTS
104	SECURITY	POLISHED CONCRETE	SC-2	VB-3	OPEN TO STRUCTURE	PT-5	--	GYPSUM BOARD	PT-30	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-30	GYPSUM BOARD	PT-8	PROVIDE SEALANT AT ALL EXPOSED CONCRETE FLOOR SLAB JOINTS
105	EMPLOYEE LOCKERS	SEALED CONCRETE	SC-1	VB-3	OPEN TO STRUCTURE	PT-5	--	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	PROVIDE SEALANT AT ALL EXPOSED CONCRETE FLOOR SLAB JOINTS
106	WOMEN'S TOILET	CERAMIC TILE	CT-3	CT-4	GYPSUM BOARD	PT-8	9'-0" AFF.	CERAMIC/ PAINT	CT-1&2 / PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	GYPSUM BOARD	PT-8	
107	MEN'S TOILET	CERAMIC TILE	CT-3	CT-4	GYPSUM BOARD	PT-8	9'-0" AFF.	CERAMIC/ PAINT	CT-1&2 / PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	GYPSUM BOARD	PT-8	
108	BREAK ROOM	POLISHED CONCRETE	SC-2	VB-3	ACOUSTIC CEILING	ACT-1	16'-0" AFF.	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	PROVIDE SEALANT AT ALL EXPOSED CONCRETE FLOOR SLAB JOINTS
109	VENDING	POLISHED CONCRETE	SC-2	VB-3	ACOUSTIC CEILING	ACT-1	16'-0" AFF.	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-14	PROVIDE SEALANT AT ALL EXPOSED CONCRETE FLOOR SLAB JOINTS
110	JANITOR	EPOXY	EPX-1	VB-3	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	PROVIDE 8'-0" H. FRP PANELS ON ALL PARTITIONS
111	VENDING STORAGE	SEALED CONCRETE	SC-1	VB-3	GYPSUM BOARD	PT-8	9'-0" AFF.	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	PROVIDE 8'-0" H. FRP PANELS ON ALL PARTITIONS
112	VENDING	POLISHED CONCRETE	SC-2	VB-3	ACOUSTIC CEILING	ACT-1	16'-0" AFF.	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	PROVIDE SEALANT AT ALL EXPOSED CONCRETE FLOOR SLAB JOINTS
113	CORRIDOR	SEALED CONCRETE	SC-1	VB-3	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-8	--	--	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	
114	UTILITY	SEALED CONCRETE	SC-1	VB-3	OPEN TO STRUCTURE	--	--	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	
115	NEW MOTHER'S ROOM	LUXURY VINYL TILE	VCT-2	VB-3	GYPSUM BOARD	PT-1	9'-0" AFF.	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-14	
116	JANITOR	EPOXY	EPX-1	VB-3	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	PROVIDE 8'-0" H. FRP PANELS ON ALL PARTITIONS
117	CORRIDOR	SEALED CONCRETE	SC-1	VB-3	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-8	--	--	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	
118	MEN'S TOILET	CERAMIC TILE	CT-3	CT-4	GYPSUM BOARD	PT-8	9'-0" AFF.	CERAMIC/ PAINT	CT-1&2 / PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	GYPSUM BOARD	PT-8	
119	MEN'S TOILET	CERAMIC TILE	CT-3	CT-4	GYPSUM BOARD	PT-8	9'-0" AFF.	CERAMIC/ PAINT	CT-1&2 / PT-8	GYPSUM BOARD	PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	
120	WOMEN'S TOILET	CERAMIC TILE	CT-3	CT-4	GYPSUM BOARD	PT-8	9'-0" AFF.	CERAMIC/ PAINT	CT-1&2 / PT-8	GYPSUM BOARD	PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	
121	WOMEN'S TOILET	CERAMIC TILE	CT-3	CT-4	GYPSUM BOARD	PT-8	9'-0" AFF.	CERAMIC/ PAINT	CT-1&2 / PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	GYPSUM BOARD	PT-8	
122	CORRIDOR	SEALED CONCRETE	SC-1	VB-3	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	
123	MULTI-FAITH ROOM	CERAMIC TILE	CT-3	CT-4	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	
124	LOBBY	EPOXY	EPX-1	VB-3	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	
125	ABLUTION	EPOXY	EPX-1	VB-3	GYPSUM BOARD	PT-8	9'-0" AFF.	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	
126	ABLUTION	EPOXY	EPX-1	VB-3	GYPSUM BOARD	PT-8	9'-0" AFF.	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	
127	CORRIDOR	SEALED CONCRETE	SC-1	VB-3	ACOUSTIC CEILING	ACT-1	10'-0" AFF.	GYPSUM BOARD	PT-8	--	--	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	
128	OPEN OFFICE	CARPET	CPT-1	VB-1	ACOUSTIC CEILING	ACT-1	10'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	PAINT 2'-0" WIDE STRIPE (PT-20) 0" BELOW FINISH CEILING FULL PERIMETER OF ROOM
129	CONFERENCE	CARPET	CPT-1	VB-1	ACOUSTIC CEILING	ACT-1	10'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-21/ PT-23	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	PROVIDE CHAIR RAIL WHERE NOTED
130	G.M. OFFICE	CARPET	CPT-1	VB-1	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-2	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	
131	IDF	VINYL TILE	VCT-1	VB-2	GYPSUM BOARD	PT-1	9'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	PROVIDE 3/4" PLYWOOD ON ALL WALLS MOUNT AT 6" TO 8'-6" AFF.
132	COPY/PRINT	CARPET	CPT-1	VB-1	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	
133	OFFICE	CARPET	CPT-1	VB-1	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-2	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	
134	OFFICE	CARPET	CPT-1	VB-1	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-2	
135	LP OFFICE	CARPET	CPT-1	VB-1	ACOUSTIC CEILING	ACT-1	10'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-2	
136	TRAINING	CARPET	CPT-1	VB-1	ACOUSTIC CEILING	ACT-1	16'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-3	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	PROVIDE CHAIR RAIL FULL PERIMETER OF ROOM
137	WELLNESS CENTER LOBBY	VINYL TILE	VCT-2	VB-3	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	PROVIDE CHAIR RAIL WHERE NOTED
138	SUPPLY ROOM	VINYL TILE	VCT-2	VB-3	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	
139	STUDIO	CARPET	CPT-4	VB-4	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	
140	OBSERVATION	VINYL TILE	VCT-2	VB-3	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	
141	OBSERVATION	VINYL TILE	VCT-2	VB-3	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	
142	STORAGE	VINYL TILE	VCT-2	VB-3	ACOUSTIC CEILING	ACT-1	9'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	
143	UNISEX TOILET	CERAMIC TILE	CT-5	CT-5	GYPSUM BOARD	PT-8	9'-0" AFF.	CERAMIC/ PAINT	CT-1&2 / PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	CERAMIC/ PAINT	CT-1&2 / PT-8	
144	VESTIBULE	CARPET	CPT-2	VB-1	ACOUSTIC CEILING	ACT-1	10'-0" AFF.	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	GYPSUM BOARD	PT-8	
201	TRUCKER'S CAGE	SEALED CONCRETE	SC-1	VB-4	CHAIN LINK	GALV.	8'-2" AFF.	CONCRETE PANEL	PT-6	CHAIN LINK	GALV.	CHAIN LINK	GALV.	GYPSUM BOARD	PT-8	
202	TRUCKER'S LOUNGE	SEALED CONCRETE	SC-1	VB-3	GYPSUM BOARD	PT-1	9'-0" AFF.	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14/ PT-18	PROVIDE SEALANT AT ALL EXPOSED CONCRETE FLOOR SLAB JOINTS
203	UNISEX TOILET	CERAMIC TILE	CT-3	CT-4	GYPSUM BOARD	PT-8	8'-0" AFF.	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	
204	JANITOR	EPOXY	EPX-1	VB-3	GYPSUM BOARD	PT-8	9'-0" AFF.	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	PROVIDE 8'-0" H. FRP PANELS ON ALL PARTITIONS
205	ELECTRICAL	SEALED CONCRETE	SC-1	VB-3	GYPSUM BOARD	PT-1	9'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	
301	REMOTE BREAK ROOM	POLISHED CONCRETE	SC-2	VB-3	ACOUSTIC CEILING	ACT-1	10'-0" AFF.	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-18	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-17	PROVIDE SEALANT AT ALL EXPOSED CONCRETE FLOOR SLAB JOINTS
302	WOMEN'S TOILET	CERAMIC TILE	CT-3	CT-4	GYPSUM BOARD	PT-8	9'-0" AFF.	GYPSUM BOARD	PT-8	CERAMIC/ PAINT	CT-1&2/ PT-8	CERAMIC/ PAINT	CT-1&2/ PT-8	CERAMIC/ PAINT	CT-1&2/ PT-8	
303	MEN'S TOILET	CERAMIC TILE	CT-3	CT-4	GYPSUM BOARD	PT-8	9'-0" AFF.	GYPSUM BOARD	PT-8	CERAMIC/ PAINT	CT-1&2/ PT-8	CERAMIC/ PAINT	CT-1&2/ PT-8	CERAMIC/ PAINT	CT-1&2/ PT-8	
401	TRUCKER'S CAGE	SEALED CONCRETE	SC-1	VB-4	CHAIN LINK	GALV.	8'-2" AFF.	CHAIN LINK	GALV.	GYPSUM BOARD	PT-8	CONCRETE PANEL	PT-6	GYPSUM BOARD	PT-8	
402	TRUCKER'S LOUNGE	SEALED CONCRETE	SC-1	VB-3	GYPSUM BOARD	PT-1	9'-0" AFF.	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14/ PT-18	GYPSUM BOARD	PT-14	GYPSUM BOARD	PT-14	PROVIDE SEALANT AT ALL EXPOSED CONCRETE FLOOR SLAB JOINTS
403	UNISEX TOILET	CERAMIC TILE	CT-3	CT-4	GYPSUM BOARD	PT-8	8'-0" AFF.	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	
404	JANITOR	EPOXY	EPX-1	VB-3	GYPSUM BOARD	PT-8	9'-0" AFF.	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	GYPSUM BOARD	FRP-1 / PT-8	PROVIDE 8'-0" H. FRP PANELS ON ALL PARTITIONS
405	ELECTRICAL	SEALED CONCRETE	SC-1	VB-3	GYPSUM BOARD	PT-1	9'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	
406	UTILITY	SEALED CONCRETE	SC-1	VB-3	OPEN TO STRUCTURE	--	VARIES	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	CONCRETE PANEL	PT-6	GYPSUM BOARD	PT-6	
501	ROOF ACCESS STAIR	SEALED CONCRETE	SC-1	VB-3	OPEN TO STRUCTURE	--	VARIES	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	
502	FIRE PUMP ROOM	SEALED CONCRETE	SC-1	VB-3	GYPSUM BOARD	PT-1	9'-0" AFF.	GYPSUM BOARD	PT-1	CMU BLOCK	PT-6	CMU BLOCK	PT-6	CONCRETE PANEL	PT-6	
503	MDF DEN	SEALED CONCRETE	SC-1	--	--	--	--	--	--	--	--	--	--	--	--	
504	DEMARC	SEALED CONCRETE	SC-1	VB-2	GYPSUM BOARD	PT-1	9'-0" AFF.	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	GYPSUM BOARD	PT-1	PROVIDE 3/4" PLYWOOD ON ALL WALLS MOUNT AT 6" TO 8'-6" AFF.

INTERIOR MATERIAL FINISH KEY

MARK	MANUFACTURER	DESCRIPTION	REMARKS	VOC REQUIREMENTS
ACOUSTIC CEILING TILE				
ACT-1	ARMSTRONG	24"x48"x5/8" CORTEGA MINABOARD #769 w/ WHITE 9/16" GRID	EXPOSED "T" CEILING GRID	MULTI-PURPOSE CONSTRUCTION ADHESIVE - LESS THAN 50 g/L
ACT-2	USG	24"x48"x5/8" CLEAN ROOM CLIMAPLUS CLASS 100 UN-PERFORATED #56099 w/ WHITE 9/16" GRID WITH GASKETS	EXPOSED "T" CEILING GRID	
ACT-3	ARMSTRONG	24"x24"x5/8" CORTEGA MINABOARD #770 w/ WHITE 9/16" GRID	EXPOSED "T" CEILING GRID	
ACT-4	ARMSTRONG	24"x24"x5/8" CORTEGA MINABOARD #824 w/ WHITE 9/16" GRID	EXPOSED "T" CEILING GRID	
ACT-5	ARMSTRONG	24"x24"x5/8" CORTEGA MINABOARD #770 w/ WHITE 9/16" GRID	EXPOSED "T" CEILING GRID w/ TEGULAR EDGE	
ACT-6	ARMSTRONG	6"H AXIOM VECTOR (INVERTED) 'L' PROFILE EDGE "SKY (SK)"	AT ACT-5 LOCATIONS (SEE RCP)	
ACT-7	ARMSTRONG	6"H AXIOM VECTOR (INVERTED) 'L' PROFILE EDGE "TANGERINE (TG)"	AT ACT-5 LOCATIONS (SEE RCP)	
ACT-8	ARMSTRONG	6"H AXIOM VECTOR (INVERTED) 'L' PROFILE EDGE "LAGOON (LA)"	AT ACT-5 LOCATIONS (SEE RCP)	
INTERIOR PAINT				
PT-1	BENJAMIN MOORE	#2121-70 "CHANTILLY LACE" (LOW VOC)	GYPSUM BOARD PARTITIONS	FLAT COATINGS OR PRIMERS - LESS THAN 50 g/L; NON-FLAT COATINGS OR PRIMERS - LESS THAN 50 g/L; ANTI-CORROSIVE/ ANTI-RUST PAINT - LESS THAN 250 g/L
PT-2	BENJAMIN MOORE	#AC-11 "SEA PINE" (LOW VOC)	GYPSUM BOARD PARTITIONS - ACCENT WALLS	
PT-3	BENJAMIN MOORE	#AF-375 "RATTAN" (LOW VOC)	GYPSUM BOARD PARTITIONS - ACCENT WALLS	
PT-4	BENJAMIN MOORE	#2140-60 "MOONSHINE" (LOW VOC)	HOLLOW METAL DOORS & FRAMES (INTERIOR)	
PT-5	SHERWIN WILLIAMS	ACRYLIC DRYFALL (LOW VOC) FLAT WHITE	EXPOSED STRUCTURE AND DUCT WORK	
PT-6	BENJAMIN MOORE	FLAT WHITE (LOW VOC)	PRECAST CONCRETE PANELS INTERIOR FACE	
PT-7	BENJAMIN MOORE	#AC-26 "DARK SHADOW" (LOW VOC)	IDF ROOM ONLY; DOOR AND FRAME	
PT-8	SHERWIN WILLIAMS	K46- 50 SERIES PRO INDUSTRIAL EPOXY, COLOR TO MATCH PT-1	JANITOR, TOILET ROOM AND WAREHOUSE WALLS. WAREHOUSE SIDE OF ALL PARTITIONS. PAINT PT-8 FROM FINISH FLOOR TO 12'-0" AFF. AND PT-1 FROM 12'-0" AFF. TO BOTTOM OF DECK ABOVE AT FIRST FLOOR. PAINT PT-8 FULL HEIGHT ON ALL OTHER FLOORS.	
PT-9	BENJAMIN MOORE	SEMIGLOSS PAINT (LOW VOC) "SAFETY YELLOW"	BUILDING COLUMNS, BOLLARDS, GUARDRAILS, TOE KICKS (SEE FINISH NOTES)	
PT-10	BENJAMIN MOORE	SEMIGLOSS PAINT (LOW VOC) "SAFETY RED"	BUILDING COLUMNS, STANDPIPES, SPRINKLER RISERS AND INTERIOR SIDE OF WAREHOUSE EGRESS DOORS AND FRAMES (SEE FINISH NOTES)	
PT-11	BENJAMIN MOORE	SEMIGLOSS PAINT (LOW VOC) "WHITE"	BUILDING COLUMNS (SEE FINISH NOTES)	
PT-12	SHERWIN WILLIAMS	#SW4021 "STRUCTURAL GRAY"	INTERIOR STAIRS	
PT-13	SHERWIN WILLIAMS	#SW7016 "MINDFUL GRAY"	INTERIOR STAIRS	
PT-14	SHERWIN WILLIAMS	#SW7008 "ALABASTER" (LOW VOC)	NEW MOTHER'S ROOM / WAREHOUSE BREAK ROOM	
PT-15	SHERWIN WILLIAMS	#SW7650 "ELLIE GRAY" (LOW VOC)	MAIN OFFICE BREAK ROOM	
PT-16	SHERWIN WILLIAMS	#SW6960 "BLUE CLICK" (LOW VOC)	MAIN OFFICE BREAK ROOM	
PT-17	SHERWIN WILLIAMS	#SW6958 "DYNAMIC BLUE" (LOW VOC)	MAIN OFFICE BREAK ROOM AND WAREHOUSE BREAK ROOM	
PT-18	SHERWIN WILLIAMS	#SW6668 "SOCIAL BUTTERFLY" (LOW VOC)	MAIN OFFICE AND WAREHOUSE BREAK ROOM	
PT-19	SHERWIN WILLIAMS	#SW7648 "BIG CHILL" (LOW VOC)	ACCENT COLOR	
PT-20	BENJAMIN MOORE	RGB 0, 168, 200 - PANTONE 2995 PMS BLUE	ACCENT WALL AT MAIN ENTRY/ SECURITY & OPEN OFFICE AREA	
PT-21	SHERWIN WILLIAMS	#SW6050 "SKI SLOPE" (LOW VOC)	CLASSROOM / STORAGE WALLS	
PT-22	SHERWIN WILLIAMS	#SW6523 "DENIM" (LOW VOC)	ACCENT COLOR WALL AT CAREER CHOICE CLASSROOM	
PT-23	HDC	CREADOU LEVEL 4 WHITE DRY ERASE PAINT	PAINT FROM 2'-6" AFF. TO 10'-0" AFF.	
PT-24	ARMSTRONG	SKY (SK)	REMOTE BREAK AT TRUCKER'S LOUNGE	
PT-25	ARMSTRONG	TANGERINE (TG)	REMOTE BREAK AT TRUCKER'S LOUNGE	
PT-26	ARMSTRONG	LAGOON (LA)	REMOTE BREAK AT TRUCKER'S LOUNGE	
PT-27 SOLID INK	SHERWIN WILLIAMS PPG BENJAMIN MOORE	#SW6796 "CYBERSPACE" #2001-1 "BLACK MAGIC" #2062-10 "POLO BLUE"	MURAL AND ACCENT WALL AT OBSERV. ROOM; ALTERNATE FOR MURAL AND ACCENT WALL AT OBSERV. ROOM; ALTERNATE FOR MURAL AND ACCENT WALL AT OBSERV. ROOM	
PT-28 GREY	SHERWIN WILLIAMS PPG BENJAMIN MOORE	#SW7074 "SOFTWARE" #1001-5 "VICTORIAN PEWTER" #1469 "ROCK GRAY"	MURAL; ALTERNATE COLOR FOR MURAL; ALTERNATE COLOR FOR MURAL	
PT-29 SALLY GREEN	SHERWIN WILLIAMS PPG BENJAMIN MOORE	#SW6921 "ELECTRIC LIME" #1211-1 "FUNKY FROG" #415 "MALACHI GREEN"	MURAL AND ACCENT WALL AT OBSERV. ROOM; ALTERNATE FOR MURAL AND ACCENT WALL AT OBSERV. ROOM; ALTERNATE FOR MURAL AND ACCENT WALL AT OBSERV. ROOM	
EGGSHELL FOR DRYWALL: 1st COAT - Benjamin Moore Pristine Eco Spec Interior Latex Primer Sealer 231 @ g/L; 2nd COAT - Benjamin Moore Eco Spec Interior Latex Eggshell Enamel 223 @ g/L		SEMI-GLOSS FOR DRYWALL: 1st COAT - Benjamin Moore Pristine Eco Spec Interior Latex Primer Sealer 231 @ g/L; 2nd COAT - Benjamin Moore Eco Spec Interior Latex Semi-Gloss Enamel 224 @ g/L	SEMI-GLOSS FOR METAL: 1st COAT - Benjamin Moore Super Spec HP Acrylic Metal Primer 06-03; 2nd COAT - Benjamin Moore Eco Spec Interior Latex Semi-Gloss Enamel 224 @ g/L; 3rd COAT - Benjamin Moore Eco Spec Interior Latex Semi-Gloss Enamel 224 @ g/L	
SEALED CONCRETE				
SC-1	EUCLID CHEMICALS	EUCOSIL	--	FLOOR COATINGS - LESS THAN 100 g/L
POLISHED CONCRETE				
SC-2	PROSOCO	CONSOLIDECK LS LITHIUM SILICATE	POLISHED CONCRETE w/ CLEAR SEALANT	FLOOR COATINGS - LESS THAN 100 g/L
CERAMIC TILE				
CT-1	DALTILE	4" x 4" WALL TILE	#0190 WHITE SEMI-GLOSS GROUT - MAPEI #00 WHITE	CERAMIC TILE ADHESIVES - LESS THAN 65 g/L; GROUT - ULTRAMASTIC ECO - MAPEI FLOOR AND WALL TILE ADHESIVE - LESS THAN 65 g/L
CT-2	DALTILE	4" x 4" ACCENT TILE	"MUSTARD" GROUT - MAPEI #00 WHITE	
CT-3	DALTILE	12" x 24" PORCELAIN FLOOR TILE INSTALL IN RUNNING BOND PATTERN	HAUTE MONDE #HM05 "ELITE GREY" GROUT - MAPEI "SAHARA BEIGE"	
CT-4	DALTILE	6" x 12" PORCELAIN COVE BASE (USE COVE BASE CORNERS ON OUTSIDE CORNERS)	HAUTE MONDE #HM05 "ELITE GREY" COVE BASE GROUT - MAPEI "SAHARA BEIGE"	
CT-5	DALTILE	12" x 24" PORCELAIN FLOOR TILE INSTALL IN RUNNING BOND PATTERN	HAUTE MONDE #HM20 "GLITTERATI GREY" GROUT - MAPEI #48 "BLACK"	
EPOXY FLOORING				
EPX-1	BENJAMIN MOORE	ABLUTION JANITOR'S CLOSETS SCRUBBER DEPT	SUPER SPEC HP 100% SOLIDS FLOOR EPOXY P40 w/ ANTI-SLIP AGGREGATE (P61), STEEL GRAY	FLOOR COATINGS - LESS THAN 100 g/L
EPX-2	DAYTON SUPERIOR	BATTERY CHARGING / MT PROVIDE ANTI-SLIP COATING AT FLOORS	DAY-CHEM POXY PLUS J-36 DARK GRAY	
WALL COVERING				
WC-1	WOLF GORDON	RAMPART - REH 551 "GLACIER GREY"	APPLY PER MANUF. INSTRUCTIONS	
DOOR STAIN				
ST-1	MARSHFIELD FLUSH DOORS	ROTARY SELECT WHITE MAPLE, "CLEAR"	FACTORY APPLIED FINISH	INTERIOR STAINS - LESS THAN 250 g/L

*CHANGES TO APPLICABLE VOC LIMITS ARE BASED ON THE ADDENDA TO THE "LEED REFERENCE GUIDE FOR GREEN INTERIOR DESIGN AND CONSTRUCTION", DATED JUNE 26, 2010

MARK	MANUFACTURER	DESCRIPTION	REMARKS	VOC REQUIREMENTS
SOLID SURFACE COUNTERTOP				
SS-1	CORIAN	1/2" SOLID SURFACE COUNTERTOP WITH UNDER-MOUNT SINK BASIN. PROVIDE 1/2" SOLID SURFACE APRON AND 4" HIGH BACKSPLASH.	COLOR TO BE 'SILVER BIRCH'	
SS-2	CORIAN	1/2" SOLID SURFACE COUNTERTOP WITH UNDER-MOUNT SINK BASIN. PROVIDE 1/2" SOLID SURFACE APRON AND FULL HEIGHT BACKSPLASH.	COLOR TO BE 'SAHARA'	
SS-3	CORIAN	1/2" SOLID SURFACE COUNTERTOP. PROVIDE 1/2" SOLID SURFACE APRON AND 4" HIGH BACKSPLASH.	COLOR TO BE 'SILVER BIRCH'	
VINYL TILE				
VCT-1	ARMSTRONG	IMPERIAL TEXTURE STANDARD EXCELON - #51858 'WASHED LINEN'	ADHESIVES AND LEVELING COMPOUNDS AS RECOMMENDED BY MANUF. ACRYLIC FINISH BY S.C. JOHNSON WAX CO. SHOWPLACE VECTRA OR EQUAL	VCT AND ASPHALT ADHESIVES - LESS THAN 50 g/L; FLOOR SCORE CERTIFIED
VCT-2	MOHAWK GROUP	LINEATE - CORD #981 9/12 x 36%	--	--
VINYL BASE				
VB-1	JOHNSONITE	4" VINYL BASE - COVE BASE (USE AT CPT-1 OR VCT-1)	#41 'BROWN'	COVE BASE ADHESIVES - LESS THAN 50 g/L
VB-2	JOHNSONITE	MDF AND TELECOM ROOMS ONLY 4" VINYL BASE - COVE BASE	#53 'VAPOR GRAY'	
VB-3	JOHNSONITE	4" VINYL BASE - COVE BASE (USE AT SC-1, PC-1 OR EPX-1)	#46 'GREY'	
VB-4	JOHNSONITE	4" VINYL BASE - COVE BASE	#40 'BLACK'	
CARPET				
CPT-1	SHAW CONTRACT	STYLE NAME, "BLOG" STYLE NUMBER, 5A05 COLOR NAME, "GRANITE" COLOR NUMBER, 55500	DIRECT GLUE-DOWN CONTACT/REPRESENTATIVE - ELAINE BABELLE (614) 561-1001	-INDOOR CPT ADHESIVES- LESS THAN 50 g/L -CARPET PAD ADHESIVES (LESS THAN 50 g/L) -MEET REQUIREMENTS FOR CARPET AND RUG INSTITUTE GREEN LABEL PLUS PROGRAM
CPT-2	MATWORKS	DIAMOND MAT II #0100, 'CHARCOAL'	DIRECT GLUE-DOWN	
CPT-3	GRAINGER	STATIC DISSIPATIVE MAT, NOTRAX, GRAINGER #5MDN4, 'BLACK'	G.C. SUPPLIED DISSIPATIVE/ANTI-STATIC MAT, NON-SLIP DESIGN, SLOPED BEVELED EDGE, GROMMET INSET FOR GROUNDING CORD, MAT GROUNDING CORD TO ATTACH TO MDF CABINET STRUCTURE w/ APPROVED HARDWARE.	
CPT-4	ROPPE	STYLE NAME, "RECOIL" THICKNESS, 3/8" COLOR, #58 "IVORY" CHIP CONTENT, 10% COLOR	DIRECT GLUE-DOWN	-INDOOR CPT ADHESIVES- LESS THAN 50 g/L -CARPET PAD ADHESIVES (LESS THAN 50 g/L) -MEET REQUIREMENTS FOR CARPET AND RUG INSTITUTE GREEN LABEL PLUS PROGRAM
CPT-5	MANNINGTON COMMERCIAL	STYLE NAME, "TERRAIN II" COLOR NAME, "CATCHER" COLOR NUMBER, 53402	DIRECT GLUE-DOWN	-INDOOR CPT ADHESIVES- LESS THAN 50 g/L -CARPET PAD ADHESIVES (LESS THAN 50 g/L) -MEET REQUIREMENTS FOR CARPET AND RUG INSTITUTE GREEN LABEL PLUS PROGRAM
PLASTIC LAMINATE				
PL-1	FORMICA	'NATURAL CANVAS' #1022-58	APPLY PER MANUF. INSTRUCTIONS (VERTICAL SURFACES)	CONTACT ADHESIVES - LESS THAN 80 g/L
PL-2	FORMICA	'DOVER WHITE' #1151-58	APPLY PER MANUF. INSTRUCTIONS (HORIZONTAL SURFACES)	
PL-3	FORMICA	'ALMOND' #920-58	APPLY PER MANUF. INSTRUCTIONS (VERTICAL SURFACES)	
PL-4	FORMICA	'WHEAT STRAND' #632-58	PERPENDICULAR TO GYP. BRD. PARTITION (HORIZONTAL SURFACES)	
PL-5	FORMICA	'NEUTRAL WEFT' #5875-58 (NEW MOTHER'S ROOM)	APPLY PER MANUF. INSTRUCTIONS (HORIZONTAL SURFACES)	
PL-6	FORMICA	'STORM' #52-58 (NEW MOTHER'S ROOM)	APPLY PER MANUF. INSTRUCTIONS (VERTICAL SURFACES)	
PL-7	FORMICA	CARDBOARD SOLIDZ #180-58	APPLY PER MANUF. INSTRUCTIONS (HORIZONTAL SURFACES)	
PL-8	FORMICA	GRAPHITE #837-58	APPLY PER MANUF. INSTRUCTIONS (HORIZONTAL SURFACES)	
PL-9	FORMICA	'BARUM GREY' #7110-58	CAREER CHOICE CLASSROOM	
FIBERGLASS WALL PANEL				
FRP-1	CRANE KEMLITE	.09" THICK FIRE-X GLASBORD FM w/ SURFASEAL, CLASS A	'WHITE', #55	INSTALL w/ VINYL MOULDINGS & TRIM.
WINDOW COVERINGS				
WB-1	LEVELOR CORPORATION	MONACO, CONTRACT 1" BLIND .008" MIN.	COLOR TO MATCH STOREFRONT	--
WB-2	HUNTER DOUGLAS	ROLLAR SHADE GLACIER SCREEN #D1003 'BRONZE'	10'-0" HIGH CURTAINWALL LOCATIONS	--
WINDOW FILM				
WF-1	LLUMAR	NRM P82, FROSTED	APPLY PER MANUF. INSTRUCTIONS	
TOILET PARTITIONS				
--	ACCURATE PARTITIONS CORP.	#830 'SAND'	--	SEE TOILET ROOM NOTES
--	GLOBAL PARTITIONS	#515 'KHAKI'	--	SEE TOILET ROOM NOTES
--	PARTITIONS & ACCESSORIES CORP.	#517 'ADOBE'	--	SEE TOILET ROOM NOTES
MEDICAL CURTAIN				
CUR-1	MEDICAL SUPPLIES & EQUIPMENT CO.	100% POLYESTER FABRIC, 12 OZ. ANTIMICROBIAL TREATED	COLOR "OYSTER"	STRAIGHT TRACK (PH) 877-706-4480
ELEVATOR FINISHES				
EL-1	SCHINDLER	STAINLESS STEEL #4	DOOR AND FRAME	
EL-2	SCHINDLER	STAINLESS STEEL #4	HANDRAIL	
EL-3	SCHINDLER	STAINLESS STEEL #4 w/ SPOT LED	CAB CEILING	
EL-4	SCHINDLER	WALL LAMINATE	TORONTO GREY	
EL-5	ARMSTRONG	IMPERIAL TEXTURE STANDARD EXCELON - #51858 'WASHED LINEN'	FLOORING	
TRANSITION STRIPS				
TS-1	JOHNSONITE	VINYL TILE/CONCRETE JOINER RRS-XX-C	#41 'BROWN'	COVE BASE ADHESIVES - LESS THAN 50 g/L; SEE DETAIL A/A-181
TS-2	JOHNSONITE	CARPET/CONCRETE JOINER EG-XX-H	#41 'BROWN'	
TS-3	JOHNSONITE	CARPET/VINYL TILE JOINER CTA-XX-K	#41 'BROWN'	
TS-4	JOHNSONITE	MDF AND TELECOM ROOMS ONLY VINYL TILE/CONCRETE JOINER RRS-XX-C	#53 'VAPOR GRAY'	
TS-5	SCHLUTER	STAINLESS STEEL TRANSITION STRIP SCHLUTER "RENO-V"	SIZE TO MATCH TILE THICKNESS. TILE TO CARPET OR VCT	
TS-6	SCHLUTER	STAINLESS STEEL TRANSITION STRIP SCHLUTER "RENO-U"	SIZE TO MATCH TILE THICKNESS. TILE TO CONCRETE	
TS-7	ROPPE	#66 ROLLING TRANSITION (3/8")	BLACK	

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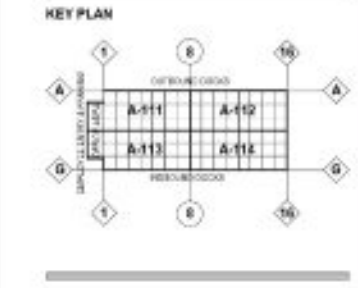
CONSULTANTS

IES

Kramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moen

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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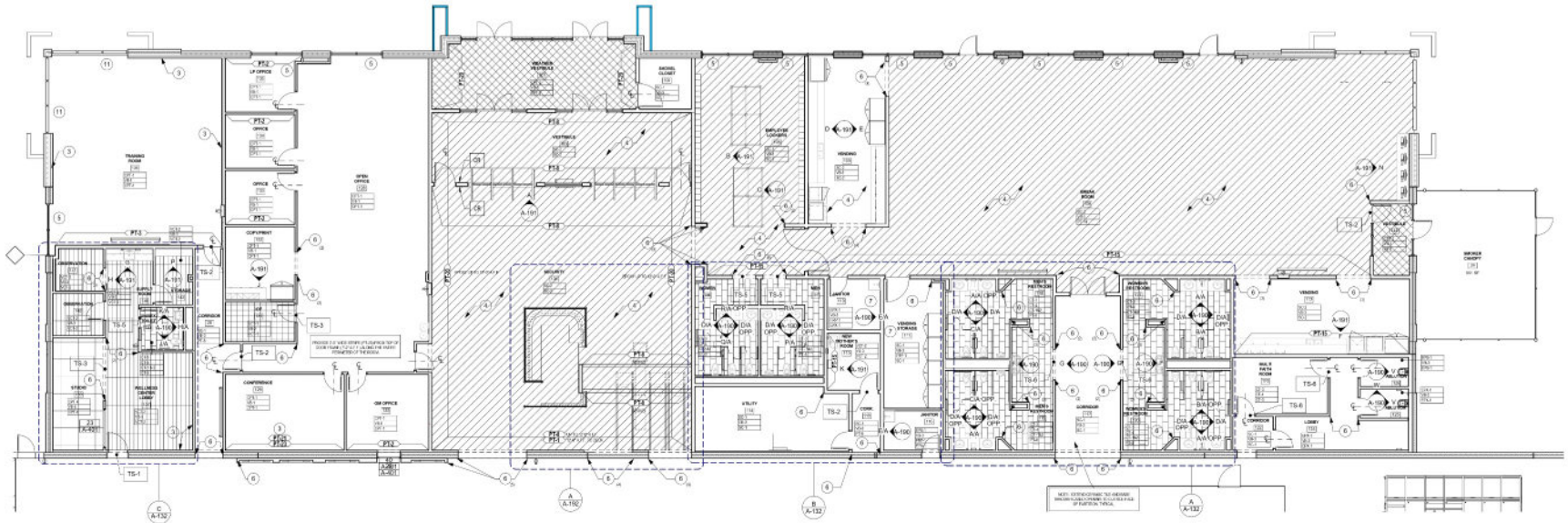
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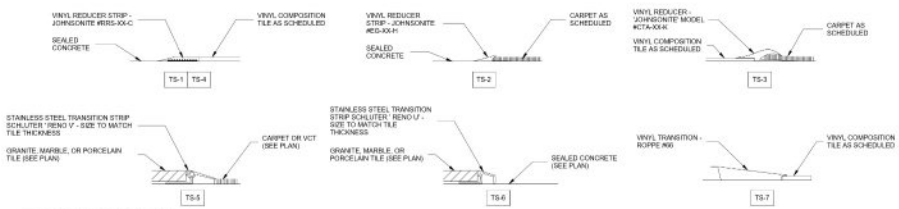
INTERIOR ROOM FINISH SCHEDULE

A-180

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1 A-181 OVERALL MAIN OFFICE FLOOR PLAN
1/8" = 1'-0"



6 A-181 TRANSITION STRIP DETAILS
12" = 1'-0"

GENERAL FINISH PLAN NOTES

1. ADHESIVES, SEALANT AND PRIMER MUST COMPLY WITH SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULE #168. SEE MOST RECENT VOLATILE ORGANIC COMPOUND (VOC) LIMITS EFFECTIVE JULY1, 2005 AND AMENDMENT DATE OF OCTOBER 8, 2017 AND REFER TO THE SPECIFICATIONS.
2. ARCHITECTURAL PAINTS AND COATINGS APPLIED TO INTERIOR WALLS AND CEILING MUST NOT EXCEED THE VOLITILE ORGANIC COMPOUND (VOC) CONTENT LIMITS ESTABLISHED IN GREEN SEAL STANDARD GS-11, PAINTS, 1ST EDITION, MAY 20, 1993 TO MOST RECENT AMENDMENT DATED OCTOBER 28, 2015, EDITION 32.
3. ANTI-CORROSIVE AND ANTI-RUST PAINTS APPLIED TO INTERIOR FERROUS METAL SUBSTRATES MUST NOT EXCEED THE VOLITILE ORGANIC COMPOUND (VOC) CONTENT LIMITS ESTABLISHED IN GREEN SEAL STANDARD GS-11, PAINTS, 1ST EDITION, MAY 20, 1993 TO MOST RECENT AMENDMENT DATED OCTOBER 28, 2015, EDITION 32.
4. CLEAR WOOD FINISHED, FLOOR COATINGS, STAINS, PRIMERS, AND SHELLACS APPLIED TO INTERIOR ELEMENTS MUST NOT EXCEED THE VOC CONTENT ESTABLISHED IN SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULE 113, ARCHITECTURAL COATINGS, EFFECTIVE FEBRUARY 5, 2016.
5. ALL CARPET INSTALLED IN THE BUILDING INTERIOR MUST MEET THE TESTING AND PRODUCT REQUIREMENTS OF THE CARPET AND RUG INSTITUTE GREEN LABEL PLUS PROGRAM.
6. ALL CARPET CUSHION INSTALLED IN THE BUILDING INTERIOR MUST MEET THE REQUIREMENTS OF THE CARPET AND RUG INSTITUTE GREEN LABEL PROGRAM.
7. ALL CARPET ADHESIVES MUST HAVE LESS THAN 50 g/L VOC.
8. ALL HARD SURFACE FLOORING MUST BE CERTIFIED AS COMPLIANT WITH THE FLOORSCORE STANDARD BY AN INDEPENDENT THIRD-PARTY. FLOORING PRODUCTS COVERED BY FLOORSCORE INCLUDE VINYL, LINOLEUM, LAMINATE FLOORING, WOOD FLOORING, CERAMIC FLOORING, RUBBER FLOORING, AND WALL BASE.
9. CONCRETE, WOOD, BAMBOO, AND CORK FLOOR FINISHES SUCH AS SEALER, STAIN, AND FINISH MUST MEET THE REQUIREMENTS OF SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULE 1113, ARCHITECTURAL COATINGS, EFFECTIVE FEBRUARY 5, 2016.
10. TILE SETTING ADHESIVES AND GROUT MUST MEET SOUTH COAST AIR QUALIT MANAGEMENT DISTRICT (SCAQMD) RULE 1168. VOC LIMITS CORRESPOND TO AN EFFECTIVE DATE OF JULY 1, 2005 AND RULE AMENDMENT DATE OF OCTOBER 6, 2017.
11. COMPOSITE WOOD AND AGRIFIBER PRODUCTS MUST CONTAIN NO ADDED UREA-FORMALDEHYDE RESINS. LAMINATE ADHESIVES USED TO FABRICATE ON-SITE AND SHOP-APPLIED COMPOSITE WOOD AND AGRIFIBER ASSEMBLIES MUST NOT CONTAIN ADDED UREA-FORMALDEHYDE RESINS.

FINISH PLAN CODED NOTES

1. PAINT EXPOSED STEEL COLUMNS PT-9 (YELLOW) TO 12'-0" A.F.F. & PT-11 (WHITE) FROM 12'-0" A.F.F. TO UNDERSIDE OF ROOF DECK, 9SEE DETAIL D8S0-10B).
2. PAINT INTERIOR FACE OF EXPOSED PRECAGE CONCRETE WALL PANEL PT-6 "FLAT WHITE" TO 10'-0" A.F.F.
3. WOOD CHAIR RAIL, SEE DETAIL R/A-193.
4. JOINT SEALANT AT SEALED CONCRETE TO BE STANDARD LIGHT GRAY COLOR - AREAS TO RECEIVE SEALANT ARE HATCHED.
5. PROVIDE HORIZONTAL BLINDS HB-1 AT ALL EXTERIOR WINDOW LOCATIONS NOTED. DO NOT PROVIDE HORIZONTAL BLINDS AT DOOR LITES
6. NEW 2" X 2" X 48" HIGH FULLY ADHERED STAINLESS STEEL CORNER GUARD. (TYP.) PROVIDE AT ALL EXPOSED CORNERS.
7. PROVIDE FRP PANEL TO 48" A/F/F/ ENTIRE PERIMETER OF ROOM.
8. STEEL BOLLARD / GUARDRAIL (PT-9)
9. 6'-0" LONG S.S. MARKER TRAY WITH 12'-0" LONG TEMPERED GLASS WHITEBOARD ABOVE. SEE DETAIL Q/A-193
10. PROVIDE F.R.P. PANEL TO 48" A.F.F.
11. PROVIDE MANUAL ROLLER SHADES HB-2 AT CURTAINWALL LOCATION.

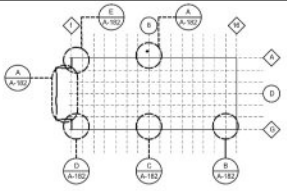
NOTE - WAREHOUSE SIDE OF EXPOSED CONCRETE WALL PANEL TO RECEIVE PAINT PT-6 U.N.O.

NOTE - PROVIDE VINYL BASE VB-3 AND PAINT PT-9 ON WAREHOUSE SIDE OF PARTITION. PT-9 TO EXTEND FROM FINISH FLOOR TO TOP OF PARTITION. U.N.O. (TYPICAL)

SYMBOL LEGEND

XX	SHELL BUILDING CODED NOTE TAG (SEE SHEET PH-101 FOR SCHEDULE)	W1 A-401	WINDOW TAG (SEE SHEET A-401 FOR WINDOW ELEVATIONS
XX	INTERIOR IMPROVEMENT CODED NOTE TAG (SEE SHEET A-130 FOR SCHEDULE)	X	TOILET ROOM ACCESSORY TAG (SEE SHEET A-132 FOR ACCESSORY SCHEDULE)
	PARTITION TAG (SEE SHEET A-150 FOR PARTITION SCHEDULE)	XXXX	MATERIAL / FINISH TAG (SEE SHEET A-180 FOR MATERIAL FINISH KEY)
101	DOOR NUMBER TAG (SEE SHEET A-480 FOR DOOR SCHEDULE)		TIME MANAGEMENT CLOCK / TIME "PUNCH" CLOCK (SEE ELECTRICAL & TELECOM SHEETS)
CR	CARD READER BY SECURITY CONTRACTOR (SEE SHEET A-480 FOR DOOR SCHEDULE)		

BUILDING KEY PLAN



RYAN

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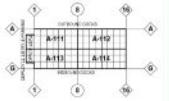
CONSULTANTS

IES Communications

Kramer Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT E. M. MOSS 07404 IOWA 3/3/21

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moss

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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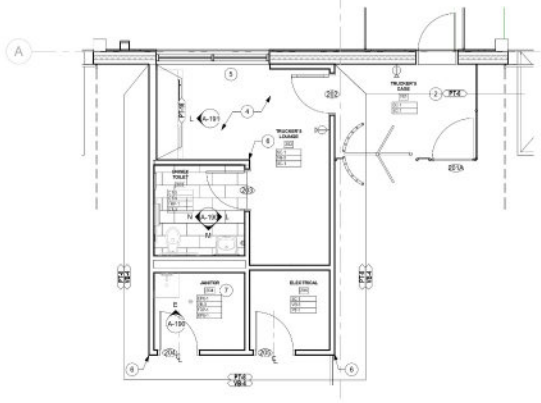
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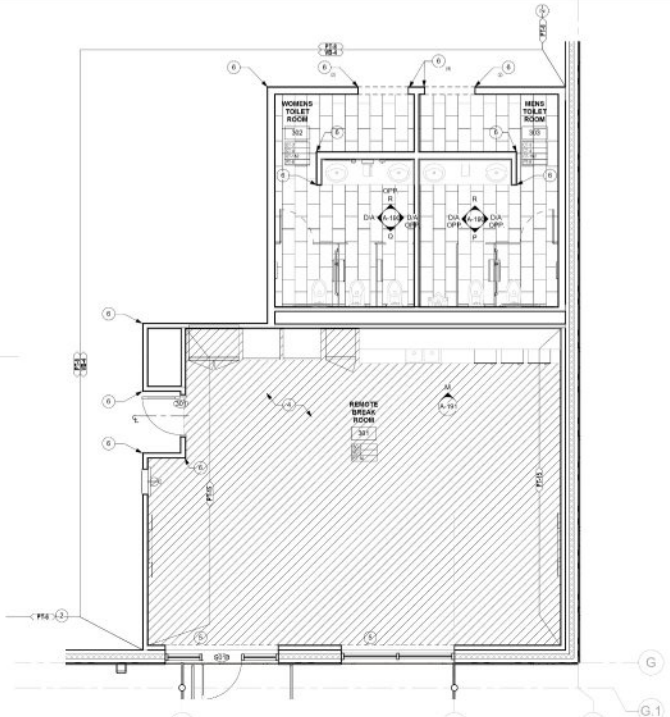
ENLARGED FINISH FLOOR PLAN

A-181

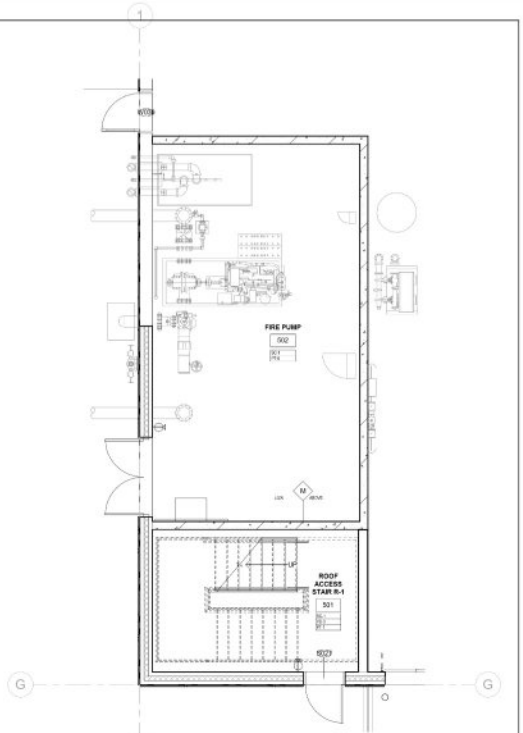
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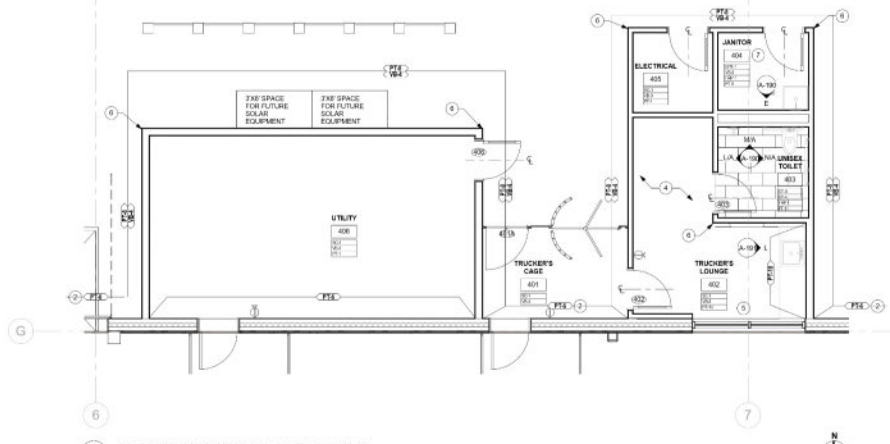
1 A-182 ENLARGED TRUCKER'S LOUNGE PLAN - NORTH - FINISH PLAN
1/4" = 1'-0"



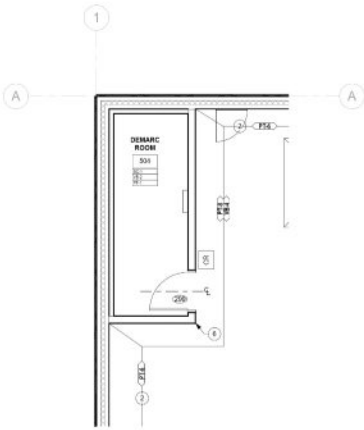
2 A-182 ENLARGED REMOTE BREAK ROOM PLAN - SOUTH - FINISH PLAN
1/4" = 1'-0"



3 A-182 ENLARGED FLOOR PLAN - FIRE PUMP ROOM
1/4" = 1'-0"



4 A-182 ENLARGED TRUCKER'S LOUNGE PLAN - SOUTH - FINISH PLAN
1/4" = 1'-0"



5 A-182 ENLARGED FLOOR PLAN - MDF S DEN 4 / DEMARC
1/4" = 1'-0"

FINISH PLAN CODED NOTES

1. PAINT EXPOSED STEEL COLUMNS PT-9 (YELLOW) TO 12'-0" A.F.F. & PT-11 (WHITE) FROM 12'-0" A.F.F. TO UNDERSIDE OF ROOF DECK, SSEE DETAIL D/S0-106).
2. PAINT INTERIOR FACE OF EXPOSED PRECAST CONCRETE WALL PANEL PT-6 FLAT WHITE TO 10'-0" A.F.F.
3. WOOD CHAIR RAIL, SEE DETAIL R/A-160.
4. JOINT SEALANT AT SEALED CONCRETE TO BE STANDARD LIGHT GRAY COLOR - AREAS TO RECEIVE SEALANT ARE HATCHED.
5. PROVIDE HORIZONTAL BLINDS HB-1 AT ALL EXTERIOR WINDOW LOCATIONS NOTED. DO NOT PROVIDE HORIZONTAL BLINDS AT DOOR LITES
6. NEW 2" X 2" X 48" HIGH FULLY ADHERED STAINLESS STEEL CORNER GUARD. (TYP.) PROVIDE AT ALL EXPOSED CORNERS.
7. PROVIDE FRP PANEL TO 48" A.F.F./ ENTIRE PERIMETER OF ROOM.
8. STEEL BOLLARD / GUARDRAIL (PT-9)
9. 8'-0" LONG S.S. MARKER TRAY WITH 12'-0" LONG TEMPERED GLASS WHITEBOARD ABOVE. (SEE DETAIL Q/A-163
10. PROVIDE FRP. PANEL TO 48" A.F.F.
11. PROVIDE MANUAL ROLLER SHADES HS-2 AT CURTAINWALL LOCATION

NOTE - WAREHOUSE SIDE OF EXPOSED CONCRETE WALL PANEL TO RECEIVE PAINT PT-6 U.N.O.

NOTE - PROVIDE VINYL BASE VB-3 AND PAINT PT-9 ON WAREHOUSE SIDE OF PARTITION. PT-9 TO EXTEND FROM FINISH FLOOR TO TOP OF PARTITION. U.N.O. (TYPICAL)

SYMBOL LEGEND

(XX)	SHELL BUILDING CODED NOTE TAG (SEE SHEET PH-101 FOR SCHEDULE)	W1 A-401	WINDOW TAG (SEE SHEET A-401 FOR WINDOW ELEVATIONS
(XX)	INTERIOR IMPROVEMENT CODED NOTE TAG (SEE SHEET A-130 FOR SCHEDULE)	(X)	TOILET ROOM ACCESSORY TAG (SEE SHEET A-132 FOR ACCESSORY SCHEDULE)
	PARTITION TAG (SEE SHEET A-150 FOR PARTITION SCHEDULE)	XXXX	MATERIAL / FINISH TAG (SEE SHEET A-160 FOR MATERIAL FINISH KEY)
101	DOOR NUMBER TAG (SEE SHEET A-400 FOR DOOR SCHEDULE)		TIME MANAGEMENT CLOCK / TIME 'PUNCH' CLOCK (SEE ELECTRICAL & TELECOM SHEETS)
CR	CARD READER BY SECURITY CONTRACTOR (SEE SHEET A-400 FOR DOOR SCHEDULE)		

RYAN
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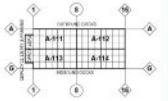
CONSULTANTS

IES Communications

Ramsey Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



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PRINTED OR TYPED NAME: Eric Mois

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MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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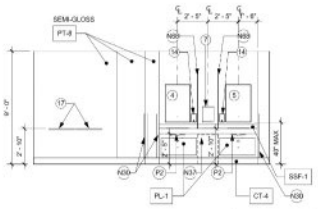
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ENLARGED FINISH FLOOR PLAN

A-182

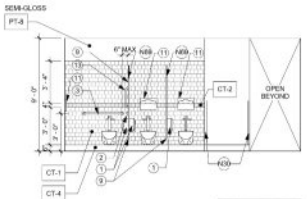
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A A-190 A - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

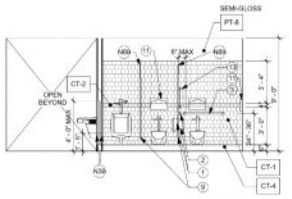
(OPP.) MEN'S TOILET #118
MEN'S TOILET #119
(OPP.) WOMEN'S TOILET #120
WOMEN'S TOILET #121



B A-190 B - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

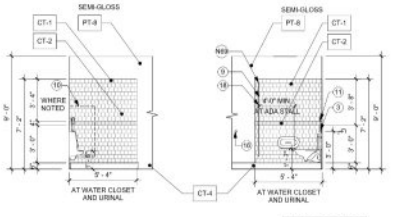
(OPP.) WOMEN'S TOILET #120
WOMEN'S TOILET #121



C A-190 C - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

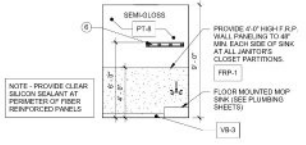
(OPP.) MEN'S TOILET #118
MEN'S TOILET #119



D A-190 D - TOILET ROOM ELEVATIONS 1/4" = 1'-0"

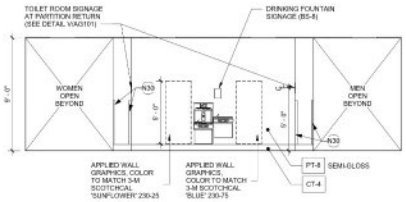
SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

TYPICAL



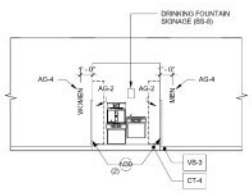
E A-190 E - JANITOR CLOSET ELEVATION 1/4" = 1'-0"

JANITOR #110
JANITOR #116
JANITOR #204
JANITOR #404



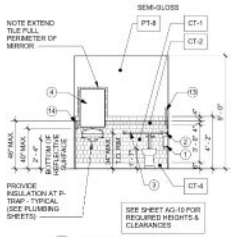
F A-190 F - TOILET ROOM ENTRY ELEVATION 1/4" = 1'-0"

TYPICAL



G A-190 G - TOILET ROOM GRAPHICS ELEVATION 1/4" = 1'-0"

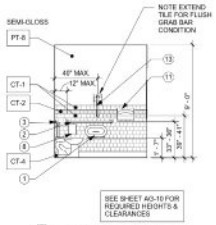
TYPICAL



H A-190 H - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

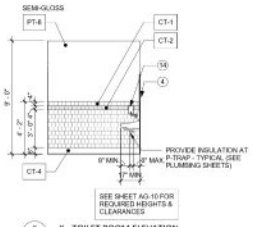
UNISEX TOILET #143



J A-190 J - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

UNISEX TOILET #143



K A-190 K - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

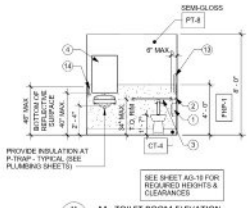
UNISEX TOILET #143



L A-190 L - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

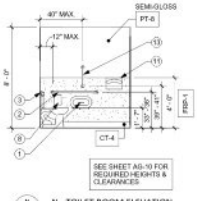
UNISEX TOILET #203
UNISEX TOILET #403



M A-190 M - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

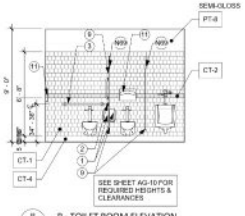
UNISEX TOILET #203
UNISEX TOILET #403



N A-190 N - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

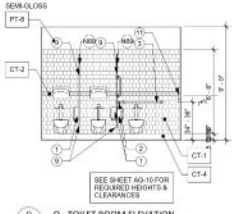
UNISEX TOILET #203
UNISEX TOILET #403



P A-190 P - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

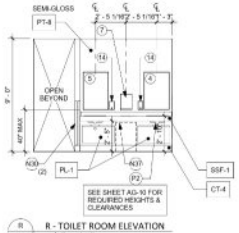
MEN'S TOILET #107
MEN'S TOILET #305



Q A-190 Q - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

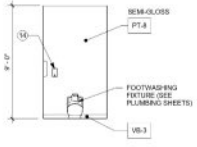
WOMEN'S TOILET #106
WOMEN'S TOILET #302



R A-190 R - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

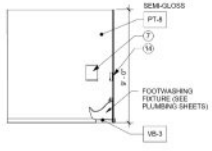
(OPP.) WOMEN'S TOILET #106
MEN'S TOILET #107
(OPP.) WOMEN'S TOILET #302
MEN'S TOILET #305



V A-190 V - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

ABLUTION #125
ABLUTION #126



W A-190 W - TOILET ROOM ELEVATION 1/4" = 1'-0"

SEE SHEET AG-10 FOR REQUIRED HEIGHTS & CLEARANCES

ABLUTION #125
ABLUTION #126

3/3/2021 6:05:30 PM

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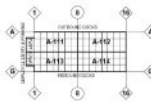
CONSULTANTS

IES Communications

Reamer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT
ERIC M. MOES
IOWA
3/3/21
DATE

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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SW, WF	MS, EM
JOB NO.	DATE
701068	3/5/2021

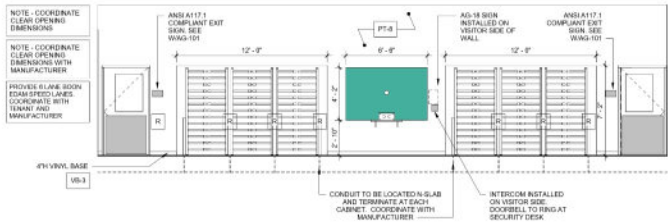
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ISSUE #	DATE	DESCRIPTION
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PERMIT SET
3/5/2021

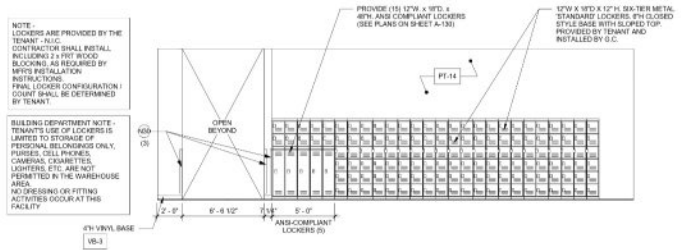
TOILET ROOM ELEVATIONS

A-190



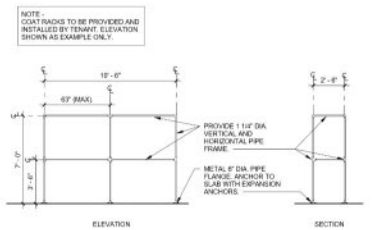
A A-191 A - INTERIOR ELEVATION
1/4" = 1'-0"

SECURITY #104



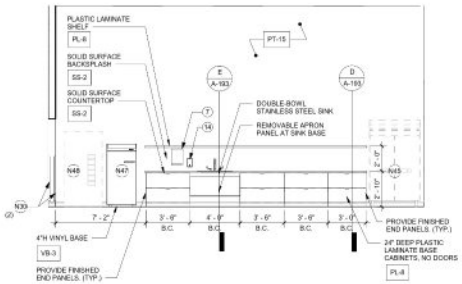
B A-191 B - INTERIOR ELEVATION
1/4" = 1'-0"

EMPLOYEE LOCKERS #105



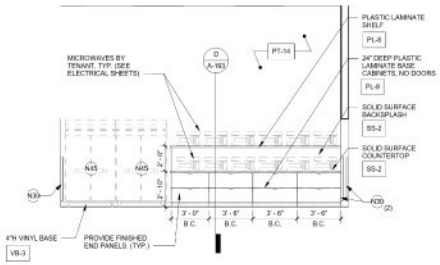
C A-191 C - INTERIOR ELEVATION
1/4" = 1'-0"

EMPLOYEE LOCKERS #106



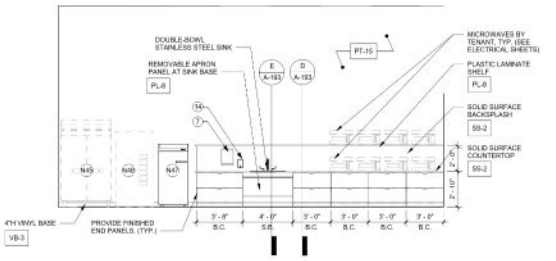
D A-191 D - INTERIOR ELEVATION
1/4" = 1'-0"

VENDING #109



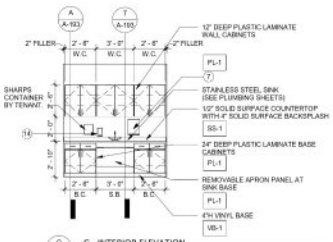
E A-191 E - INTERIOR ELEVATION
1/4" = 1'-0"

VENDING #109



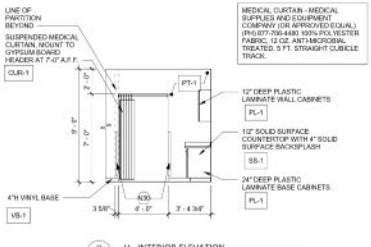
F A-191 F - INTERIOR ELEVATION
1/4" = 1'-0"

VENDING #112



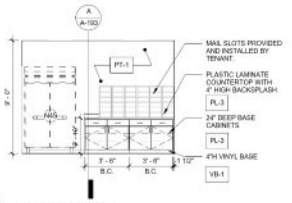
G A-191 G - INTERIOR ELEVATION
1/4" = 1'-0"

SUPPLY ROOM #138



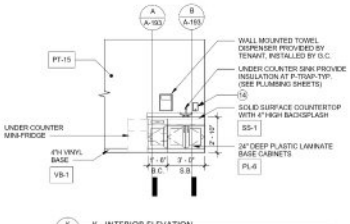
H A-191 H - INTERIOR ELEVATION
1/4" = 1'-0"

SUPPLY ROOM #138



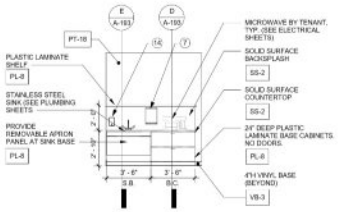
J A-191 J - INTERIOR ELEVATION
1/4" = 1'-0"

COPY/PRINT #132



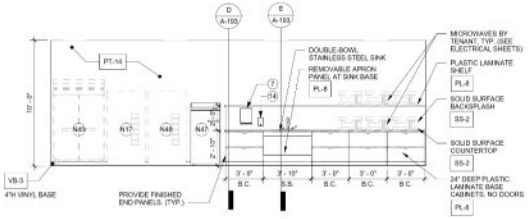
K A-191 K - INTERIOR ELEVATION
1/4" = 1'-0"

NEW MOTHER'S ROOM #115

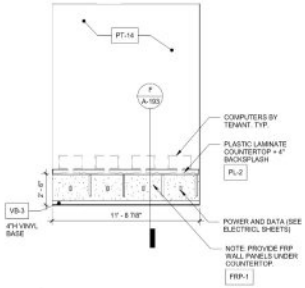


L A-191 L - INTERIOR ELEVATION
1/4" = 1'-0"

TRUCKER'S LOUNGE #202
TRUCKER'S LOUNGE #402

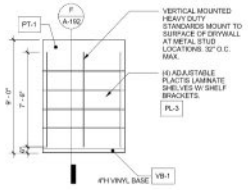


M A-191 M - INTERIOR ELEVATION
1/4" = 1'-0"



N A-191 N - INTERIOR ELEVATION
1/4" = 1'-0"

BREAK ROOM #108



P A-191 P - INTERIOR ELEVATION
1/4" = 1'-0"

STORAGE #142

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CONSULTANTS
IES Communications
Reinhart Consulting Engineers, P.L.L.C.
SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN

PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT ERIC MOTS IOWA 07494 3/3/21 RENEW

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mots

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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SW, WF	MS, EM
JOB NO.	DATE
701068	3/5/2021

ISSUE RECORD

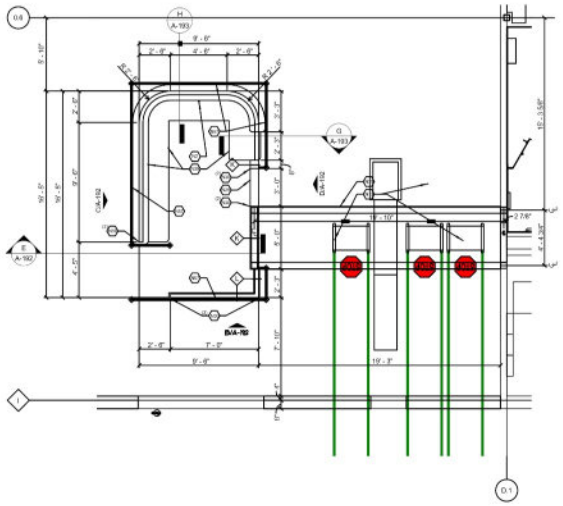
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B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

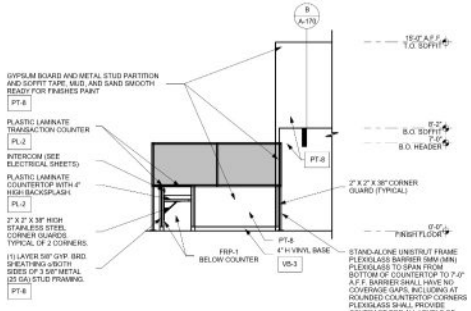
INTERIOR ELEVATIONS

A-191

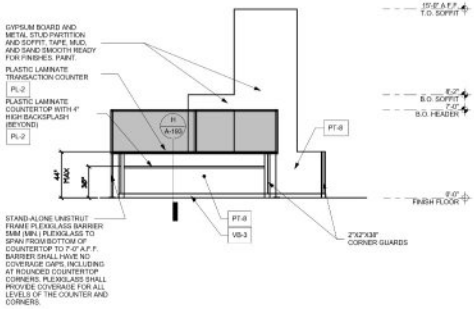
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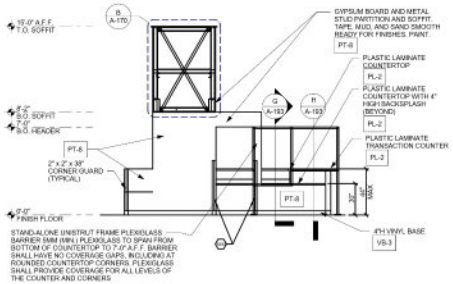
A SECURITY DESK PLAN ENLARGEMENT
1/4" = 1'-0"



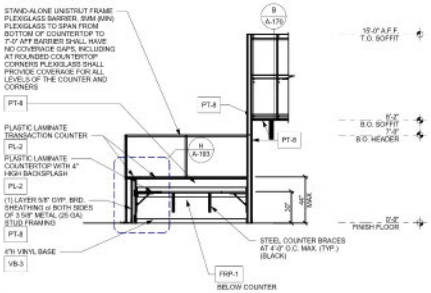
B SECURITY DESK ELEVATION
1/4" = 1'-0"



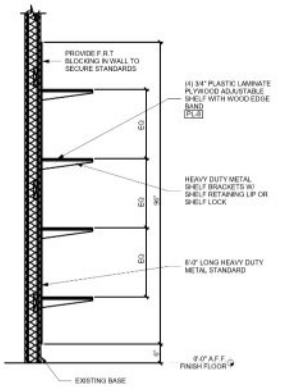
C SECURITY DESK ELEVATION
1/4" = 1'-0"



D SECURITY DESK ELEVATION
1/4" = 1'-0"



E SECURITY DESK ELEVATION
1/4" = 1'-0"



F ADJUSTABLE SHELVING SECTION
3/4" = 1'-0"

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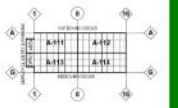
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT
ERIC M. MOES
IOWA
3/3/21
DATE

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PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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JOB NO.	DATE
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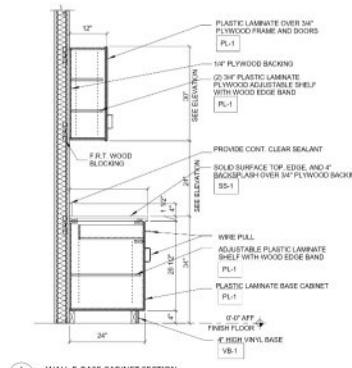
ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

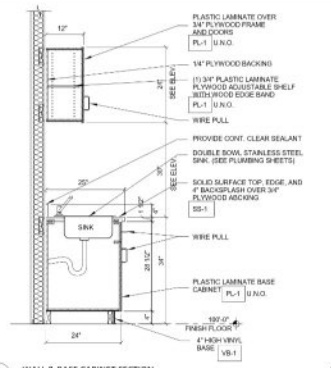
PLAN ENLARGEMENT AND INTERIOR DETAILS

A-192

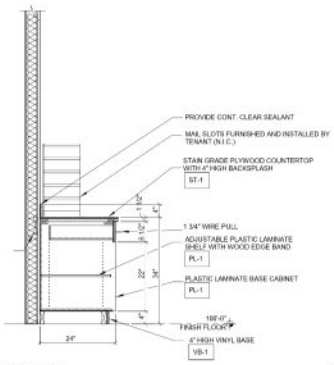
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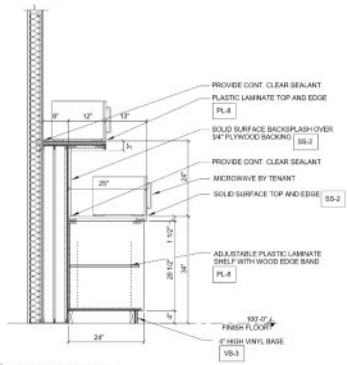
A A-193 WALL & BASE CABINET SECTION
3/4" = 1'-0"



B A-193 WALL & BASE CABINET SECTION
3/4" = 1'-0"



C A-193 COUNTER SECTION
3/4" = 1'-0"



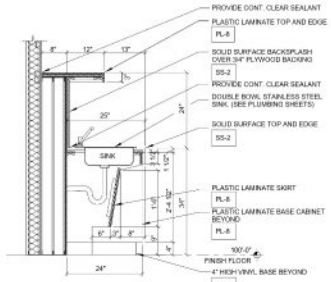
D A-193 BASE CABINET SECTION
3/4" = 1'-0"

CABINET NOTES

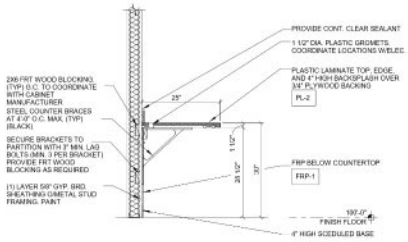
1. PROVIDE ALL CABINETS CONSTRUCTION FROM COMPOSITE WOOD AND / OR AGRIFIBER PRODUCTS WITH NO ADDED UREA-FORMALDEHYDE RESINS. (SEE SPECIFICATIONS).
2. COMPOSITE WOOD AND AGRIFIBER PRODUCTS ARE DEFINED AS PARTICLE BOARD, MEDIUM DENSITY FIBERBOARD (MDF), PLYWOOD, WHEAT BOARD, STRAWBOARD, PANEL SUBSTRATES AND DOOR CORES.
3. LAMINATE ADHESIVES USED TO FABRICATE ON-SITE AND SHOP-APPLIED COMPOSITE WOOD AND AGRIFIBER ASSEMBLIES MUST NOT CONTAIN ADDED UREA-FORMALDEHYDE RESINS. (SEE SPECIFICATIONS)
4. ALL UPPER CABINETS SHALL HAVE ADJUSTABLE SHELVES.
5. ALL INTERIOR SURFACES AND SHELVES TO RECEIVE WHITE MELAMINE FINISH (ALL SIDES)
6. ALL VERTICAL CABINET SURFACES TO RECEIVE PL-1 FINISH
7. ALL HORIZONTAL COUNTER SURFACES AND BACKSPLASHES TO RECEIVE PL-2 FINISH.
8. CABINET AND CASEWORK HARDWARE:

HINGES	'BLUM' 170 'CLIP TO SERIES' - SELF CLOSING FABRICATOR'S STANDARD RESILIENT PERMANENTLY ATTACHED RAISED DOMES
DOOR BUMPERS	'EPCO 4" CLR ANODIZED ALUMINUM, #EPC-MO402-4-A
PULLS	'KNAPE-VOGT' #332ANO WITH ANOCHROME FINISH
ADJUSTABLE SHELF SUPPORTS	'KNAPE-VOGT' #192ANO WITH ANOCHROME FINISH
DRAWER SLIDES	'ACCURIDE' STEEL, BALL-BEARING SLIDES w/ CLEAR ZINC FINISH
DRAWER & DOOR LOCKS	BRASS BODY 5-PIN TUMBLER CYLINDER CAM-TYPE LOCK w/ DULL CHROME FACE AND MATCHING TRIM WASHER 'SANYMETAL' #4035 OR EQUAL
COUNTERTOP BRACE MOUNTING BRACKETS SHELF BRACKETS	'SANYMETAL' #4035 OR EQUAL
SHELF STANDARDS AND BRACKETS	'DOUG MOCKETT&CO' #SW, 18" x 18" w/ DIAGONAL BRACES, INTEGRAL MOUNTING HOLES, AND MATTE BLACK FINISH STANDARDS - 'KNAPE-VOGT' #195ANO, DOUBLE SLOTTED STEEL (16 GA) BRACKETS - 'KNAPE-VOGT' #195ANO, DOUBLE SLOTTED, 2" LESS THAN SHELF DEPTH STANDARDS - 'KNAPE-VOGT' #86ANO, DOUBLE SLOTTED (16 GA) STEEL BRACKETS - 'KNAPE-VOGT' #180 ANO, DOUBLE SLOTTED, 2" LESS THAN SHELF DEPTH 'DOUG MOCKETT&CO', FLIP TOP SERIES
CABLE ACCESS GROMMETS	'DOUG MOCKETT&CO' #65W, 18" x 18" w/

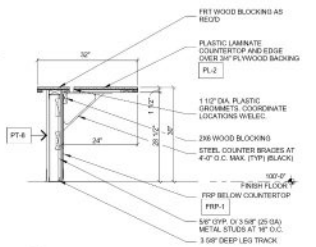
ALL DRAWERS SHALL HAVE GUIDES WITH NYLON ROLLERS. ALL HINGES, PULLS, GUIDES, AND RELATED HARDWARE SHALL BE COMMERCIAL GRADE.



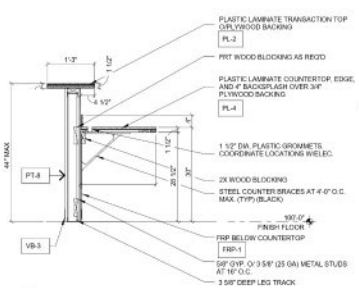
E A-193 SINK BASE CABINET SECTION
3/4" = 1'-0"



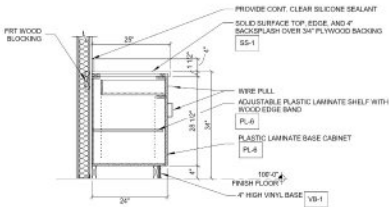
F A-193 COUNTER SECTION
3/4" = 1'-0"



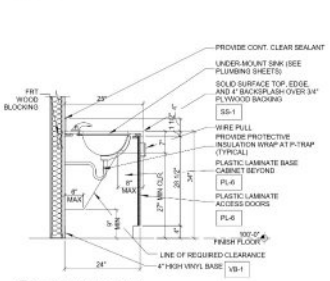
G A-193 SECURITY DESK SECTION
3/4" = 1'-0"



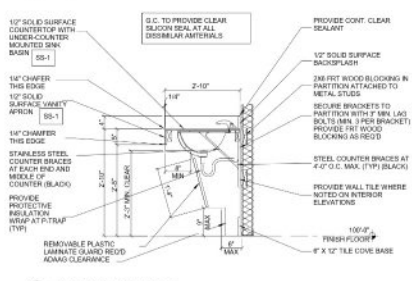
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3/4" = 1'-0"



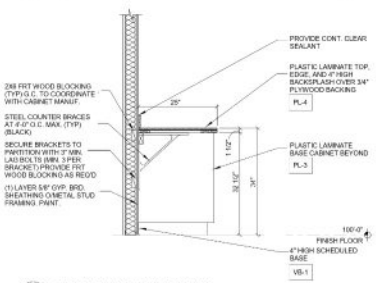
J A-193 BASE CABINET SECTION
3/4" = 1'-0"



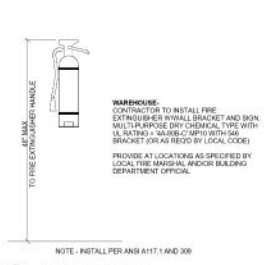
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3/4" = 1'-0"



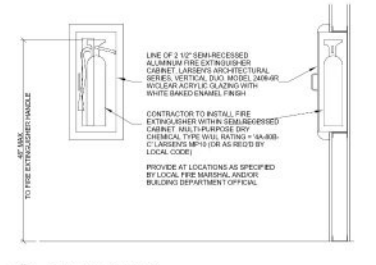
L A-193 LAVATORY COUNTER DETAIL
3/4" = 1'-0"



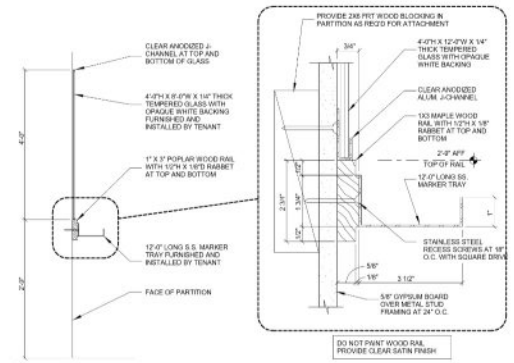
M A-193 TRAINING ROOM COUNTER SECTION
3/4" = 1'-0"



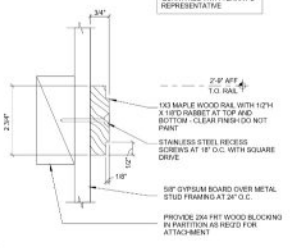
N A-193 FIRE EXTINGUISHER DETAIL
1" = 1'-0"



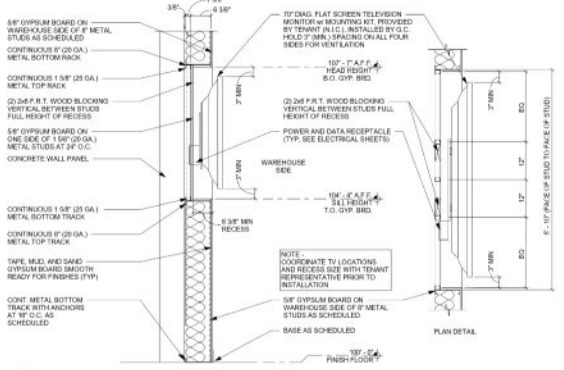
P A-193 FIRE EXTINGUISHER DETAIL
1" = 1'-0"



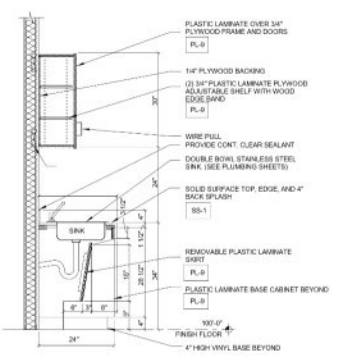
Q A-193 ENLARGED WHITE BOARD DETAIL
1" = 1'-0"



R A-193 CHAIR RAIL DETAIL
6" = 1'-0"



S A-193 WALL SECTION AT RECESSED TV
3/4" = 1'-0"



T A-193 WALL & BASE CABINET SECTION
3/4" = 1'-0"

RYAN
RYAN A+E, INC.
533 South Third Street, Suite 100
Minneapolis, MN 55415
612-492-4000 tel
612-492-3000 fax
WWW.RYANCOMPANIES.COM

OWNER

CONSULTANTS

IES Communications

Bonestroo Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT ERIC M. MOES IOWA 3/31/21 TOWA

I HEREBY CERTIFY THAT PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DRAWN BY	CHECKED BY
MS, AM	EM
JOB NO.	DATE
701088	3/5/2021

ISSUE RECORD

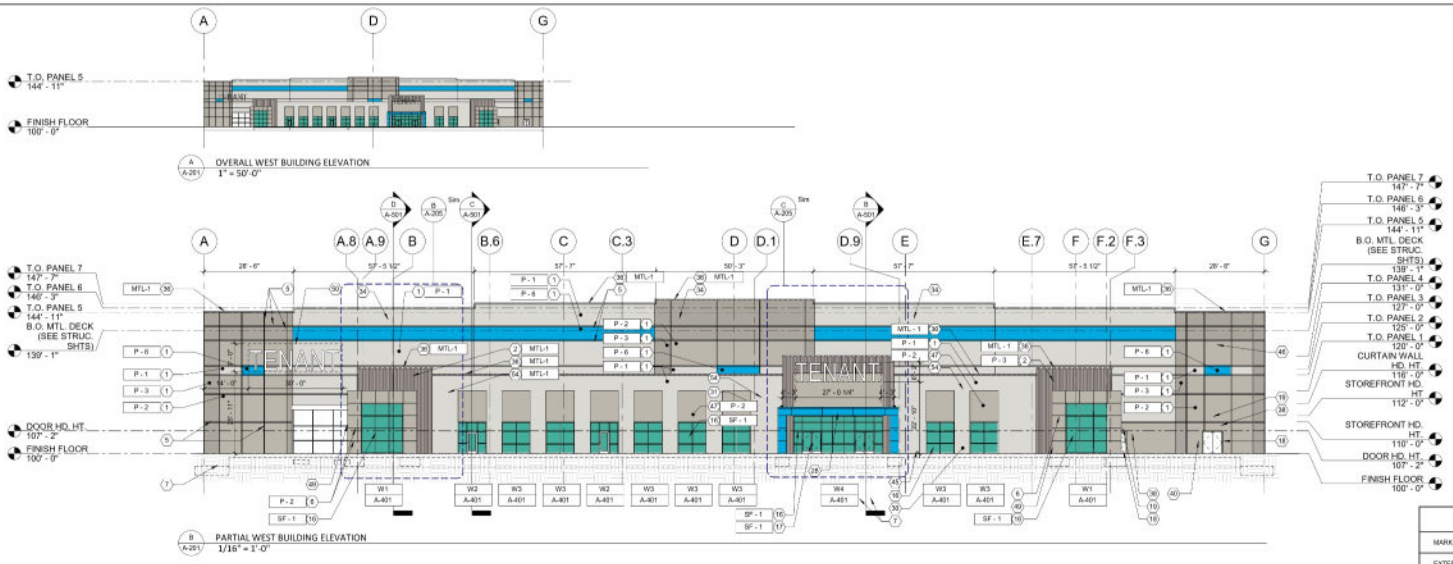
ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

INTERIOR SECTIONS, DETAILS, AND NOTES

A-193

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SHELL BUILDING FINISH NOTES

1. SEE SPECIFICATIONS FOR EXTERIOR TEXTURED ACRYLIC COATING. COLORS TO MATCH SHERWIN WILLIAMS PAINT COLORS AS INDICATED IN SHELL BUILDING MATERIAL FINISH KEY.
2. PAINT EXTERIOR HOLLOW METAL DOORS & FRAMES SEMI-GLOSS. COLOR TO MATCH P-2.
3. PAINT CONCRETE FILLED STEEL BOLLARDS SEMI-GLOSS P-7 "SAFETY YELLOW".
4. PAINT INTERIOR FACE OF WAREHOUSE AND INTERIOR OF STAIR TOWER CONCRETE WALL PANELS PT-0 "FLAT WHITE". (NOTE - WALLS THAT ARE FULLY COVERED BY INTERIOR APPLIED WALL INSULATION OR METAL FRAMING DOES NOT NEED TO BE PAINTED)
5. EXTERIOR CONCRETE WALL PANEL CONTROL JOINTS TO BE SEALED WITH SONNEBORN 7NP-2* OR APPROVED EQUAL.
6. PAINT INTERIOR BUILDING COLUMNS PT-9 (YELLOW) AND PT-11 (WHITE) AS DETAILED - TYPICAL U.N.O. SEE DETAILS, SHEET BG-106.
7. PAINT 24" HIGH BAND PT-10 (RED) ON ALL FOUR SIDES OF COLUMN AT 20'-0" A.F.F. AT FIRE EXTINGUISHER LOCATIONS.
8. PAINT ENTIRE COLUMN PT-10 (RED) AT FIRE HOSE CONNECTION LOCATIONS.
9. PROVIDE 1-HR. RATED CONCRETE WALL PANEL JOINTS AT VERTICAL EXIT ENCLOSURES. (STAIRS) CONTROL JOINTS TO BE SEALED WITH SONNEBORN 7NP-2* OR APPROVED EQUAL.

NOTE - NOT ALL PLAN NOTES MAY BE USED. VERIFY WITH EACH SPECIFIC PROJECT REQUIREMENTS.

SYMBOL LEGEND

(##)	SHELL BUIDING ELEVATION CODED NOTE TAG (SEE SHEET A-203 AND A-204 FOR SCHEDULE)
000	DOOR NUMBER TAG (SEE SHEET A-400 FOR DOOR SCHEDULE)
000	DOCK / COMPACTOR DOOR NUMBER TAG (SEE SHEET A-400 FOR DOOR SCHEDULE)
X / A-401	STOREFRONT SYSTEM TAG (SEE SHEET A-401 FOR UNIT ELEVATIONS)
	MATERIAL / FINISH TAG (SEE SHEET A-203 AND A-204 FOR MATERIAL FINISH KEY)
	BUILDING EXPANSION JOINT (SEE DETAIL A/A-404)

GENERAL PROJECT NOTES

- CONCRETE WALL PANEL DESIGN IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD. WALL PANEL THICKNESS AND PANEL JOINT LOCATIONS SHOWN IN THESE DOCUMENTS ARE FOR REFERENCE ONLY.
- COORDINATE BUILDING ORIENTATION WITH EACH PROJECT SPECIFIC SITE. BUILDING ORIENTATION SHOWN IN THESE DOCUMENTS IS FOR REFERENCE ONLY.

EXTERIOR COLOR LEGEND

P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW 67646 "FIRST STAR" (RGB 218 - 217 - 212)
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW 67016 "MINDFUL GRAY" (RGB 186 - 183 - 173)
P-3	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW 67017 "DORIAN GRAY" (RGB 172 - 167 - 158)
P-4	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW 67018 "DOVETAIL" (RGB 144 - 138 - 131)
P-5	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW 69174 "MOTH WING" (RGB 160 - 166 - 127)
P-6	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS "BLUE" PANTONE COLOR #2066C (RGB 160 - 166 - 127) (CMYK 63 - 1 - 0 - 0)

SHELL BUILDING MATERIAL FINISH KEY

MARK	MANUFACTURER	DESCRIPTION	REMARKS
EXTERIOR PAINT / TEXTURED ACRYLIC COATING (CONCRETE WALL PANELS)			
P-1	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR SW 67646 "FIRST STAR"	EXTERIOR FIELD COLOR EXTERIOR COLOR AT PUMP HOUSE (SEMIGLOSS PAINT AT METAL)
P-2	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR SW 67016 "MINDFUL GRAY"	EXTERIOR ACCENT COLOR HOLLOW METAL DOORS AND FRAMES (SEMIGLOSS) LIGHT POLE BASES INSIDE CURBED ISLANDS
P-3	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR SW 67017 "DORIAN GRAY"	EXTERIOR ACCENT COLOR AT WAREHOUSE EXTERIOR FIELD COLOR AT GUARDHOUSE
P-4	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR SW 67018 "DOVETAIL"	EXTERIOR ACCENT COLOR
P-5	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR SW 69174 "MOTH WING"	EXTERIOR ACCENT COLOR EXTERIOR COLOR AT GUARDHOUSE
P-6	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR PANTONE #2066C	EXTERIOR ACCENT COLOR
P-7	SHERWIN WILLIAMS	SEMIGLOSS PAINT (LOW VOC) "SAFETY YELLOW"	STEEL BOLLARDS, CURBS AND LIGHT POLE BASES OUTSIDE CURBED ISLANDS
P-8	SHERWIN WILLIAMS	SEMI-GLOSS PAINT, "BLACK" (OPTIONAL AS VINYL DECAL)	EXTERIOR ACCENT COLOR AT GUARDHOUSE
PREFINISHED METAL			
MTL-1	PAC-CLAD	24 GA. PREFINISHED ALUMINUM COLOR - "GRANITE"	METAL COPING, SCUPPERS, AND DOWNSPOUTS
COMPOSITE METAL PANELS (ENTRY CANOPY)			
CMP-1	ALPOLIC	4MM - WET SYSTEM COLOR - MATCH P-6	PROVIDE DOW CORNING 795 SEALANT AT JOINTS. MATCH P-6
GALVANIZED METAL			
GLV-1	--	GALVANIZED STEEL (NO PAINT)	EXTERIOR METAL RAILINGS, STAIRS AND LANDINGS
STOREFRONT / WINDOW SYSTEM			
SF-1	KAWNEER	PREFINISHED ALUMINUM COLOR - DARK BRONZE	STOREFRONT / WINDOW SYSTEM (TYP.)
AIR INTAKE LOUVERS			
LV-1	GREENHECK	PREFINISHED ALUMINUM (MATCH P-1) COLOR - "SONE WHITE" #SF102	BUILDING LOUVERS (TYP.) (L1 AND L4 ONLY)
LV-2	GREENHECK	PREFINISHED ALUMINUM (MATCH P-2) COLOR - "SMOKE" #SF104	BUILDING LOUVERS (TYP.) (L2 AND L4 ONLY)

BUILDING ELEVATION CODED NOTES

1. CONCRETE WALL PANELS WITH REVEALS AND TEXTURED PAINT COATING. PAINT EXPOSED INTERIOR FACE OF CONCRETE WALL PANELS. (PT-0)
2. CONCRETE WALL PANELS WITH 1 1/2" WIDE PLANK, RANDOM DEPTH PATTERN. FITZGERAL FORMLINERS, PATTERN #16021 WWW.FORMLINERS.COM 1.800.547.7760
3. PANEL JOINT WITH SEALANT. (TYP.) (SEE DETAILS F & L/A-404)
4. 2" BUILDING EXPANSION JOINT. (SEE DETAIL A/A-404 AND STRUCTURAL SHEETS)
5. 3" WIDE X 1/2" DEEP REVEAL. (SEE DETAIL T & L/A-404)
6. 1" WIDE X 1/2" DEEP REVEAL.
7. LINE OF CONCRETE FOOTING. (SEE STRUCTURAL SHEETS)
8. STEP IN C.I.P. CONCRETE FOOTING. (SEE STRUCTURAL SHEETS)
9. 6" THICK (MIN.) CONCRETE SIDEWALK ON COMPACTED GRANULAR BASE. SLOPE 1/4" PER FOOT (2%) AWAY FROM BUILDING. CONCRETE TO BE STANDARD GRAY CONCRETE WITH LIGHT BROOM FINISH UNLESS NOTED OTHERWISE. (SEE CIVIL SHEETS)
10. 5'-0" X 6'-0" X 4" DEEP CONCRETE STOOP. SLOPE 2% MAX. AWAY FROM BUILDING. (SEE DETAIL K/A-153)
11. CONCRETE STAIRS WITH 1 1/2" DIA. GUARDRAIL AND 1 1/4" DIA. HANDRAIL. (GLV-1)
12. CONCRETE RAMP, RETAINING WALLS, AND STAIRS WITH PAINTED METAL GUARDRAIL AT DRIVE-THRU OVERHEAD DOORS. (SEE STRUCTURAL SHEETS) (SEE SECTIONS ON SHEET A-303)
13. 2" DIA. GALVANIZED METAL GUARDRAIL AT 42" A.F.F. WITH INTERMEDIATE RAIL AT 21" A.F.F. AND POSTS AT 4'-0" O.C. MAX. (SEE DETAILS ON SHEET A-603)
14. EXTERIOR GALVANIZED METAL STAIR WITH 1 1/2" DIA. GUARDRAIL AND 1 1/4" DIA. HANDRAIL. PROVIDE (2) 6" DIA. BOLLARDS. (SEE DETAILS ON SHEET A-603)
15. 6" DIA. GALVANIZED CONCRETE-FILLED STEEL BOLLARD. PROVIDE REPLACEABLE YELLOW SLEEVE. (SEE DETAIL G/A-153)
16. PREFINISHED ALUMINUM WINDOW SYSTEM WITH 1" INSULATED GLAZING. (SEE ELEVATIONS ON SHEET A-401)
17. 3'-0" X 7'-0" WIDE STILE ALUMINUM STOREFRONT ENTRANCE DOOR(S) WITH 1" INSULATED TEMPERED CLEAR GLASS. (SEE "DOOR AND FRAME SHEDULE" ON SHEET A-400) (SF-1)
18. INSULATED HOLLOW METAL SERVICE DOOR AND FRAME. PAINT SEMI-GLOSS. GROUT FRAME SOLID. (SEE "DOOR AND FRAME SCHEDULE" ON SHEET A-400)
19. EMERGENCY EGRESS LIGHT FIXTURE. CENTER ABOVE DOOR AT 9'-0" A.F.G., U.N.O. (SEE ELECTRICAL SHEETS)
20. 14'-0" X 16'-0" INSULATED OVERHEAD SECTIONAL DRIVE-THRU DOOR. (SEE "DOOR AND FRAME SCHEDULE" ON SHEET A-400) PROVIDE (4) 6" DIA. BOLLARDS (TYP.)
21. 9'-0" X 10'-0" INSULATED OVERHEAD SECTIONAL DOCK DOOR DOCK EQUIPMENT SEE "DOCK EQUIPMENT SCHEDULE" ON SHEET A-400 FOR DOCK EQUIPMENT. (SEE "DOOR AND FRAME SCHEDULE" ON SHEET A-400) SEE DETAILS ON SHEET A-603)
22. KNOCK-OUT PANEL FOR FUTURE WINDOW / DOOR AND LEVELER. SHOWN DASHED.(TYP.)
23. DOCK SIGNAGE. (SEE DETAILS ON SHEET A-603)
24. AUTOMATIC DOOR OPERATOR AND PEDESTAL (SEE DOOR SCHEDULE ON SHEET A-400)
25. STEEL FRAMED CANOPY. TIE DOWNSPOUTS INTO UNDERGROUND STORM SYSTEM. SHEET DRAINING WILL NOT BE ACCEPTED. (SEE PLUMBING AND CIVIL SHEETS) (SEE SHEET A-504)
26. 2" X 2" BLACK VINYL COATED WOVEN WIRE MESH (10 GA.) SECURITY PENCING. TERMINATE ENCLOSURE AT UNDERSIDE OF CANOPY STRUCTURE. (WIRE CRAFTERS, 1.800.626.1816 OR APPROVED EQUAL)
27. 2" X 3" BLACK VINYL COATED WOVEN WIRE MESH (10 GA.) SECURITY GATE WITH EXIT DEVICE. (SEE "DOOR AND FRAME SCHEDULE" ON SHEET A-400) (WIRE CRAFTERS, 1.800.626.1816 OR APPROVED EQUAL)
28. STEEL FRAMED ENTRY CANOPY WITH PREFINISHED COMPOSITE ALUMINUM PANEL FASCIA AND CEILING SYSTEM. (SEE BUILDING SECTIONS)
29. PRE-ENGINEERED SMOKERS SHELTER. (SEE SHEET A-603)
30. STAINLESS STEEL OVERFLOW NOZZLE W/ HINGED PERFORATED COVER. SEE PLUMBING SHEETS FOR SIZE. MOUNT AT 24" ABOVE FINISHED ADJACENT SURFACE. EQUAL TO ZURN MODEL #Z19ADC. WWW.ZURN.COM 1.814.455.0921. (SEE DETAIL E/A-306)
31. 40'-0" H. ALUMINUM FLAG POLE WITH CONCRETE BASE. G.C. SHALL PROVIDE GROUND MOUNTED LIGHT FIXTURE AT EACH POLE. (TYP. OF 3) (SEE CIVIL SHEETS) (SEE ELECTRICAL SHEETS)
32. NEW HEAVY DUTY WINDER BIKE RACK BY MADRAX (1.800.466.7651), MODEL #HW238-13-SF. (TYPICAL OF 2) PREFIN. BLACK. SEE SIDEWALK PLANS FOR LOCATIONS. (SEE CIVIL SHEETS)
33. 8'-0" H. DECORATIVE LIGHT POLE AND FIXTURE. (SEE ELECTRICAL DRAWINGS)
34. LINE OF ROOF BEYOND.
35. THRU-WALL DRAINAGE / OVERFLOW SCUPPER. SIZES VARY. SEE BUILDING ELEVATIONS. (SEE DETAILS E/A-306 AND B/A-307)
36. PREFINISHED METAL COPING (24 GA.) OR FASCIA EDGE FLASHING (24 GA.). (SEE DETAIL J/A-304)
37. 6" DIA. CONCRETE-FILLED STEEL BOLLARDS AT GENERATOR AND TRANSFORMERS. PAINT "SAFETY YELLOW". (TYP.) (SEE DETAIL B/A-153)
38. MOTORIZED WALL LOUVER AT FIRE PUMP ROOM. (SEE MECHANICAL & ELECTRICAL SHEETS)
39. FIRE ALARM SYSTEM SPEAKERS/STROBE DEVICE (SEE FIRE PROTECTION SHEETS)
40. SURFACE MOUNTED, HINGED DOOR FIRE DEPARTMENT KNOX BOX W/ TAMPER SWITCH. MOUNT AT 6'-0" ABOVE FINISH GRADE. (KNOX-BOX 3200 SERIES)
41. COMPACTOR PROVIDED AND INSTALLED BY TENANT. G.C. TO PROVIDE ELECTRICAL CONNECTIONS. G.C. TO COORDINATE WITH TENANT'S VENDOR. (SEE ELECTRICAL SHEETS) SEE "DOCK EQUIPMENT SCHEDULE" ON SHEET A-400 FOR DOCK EQUIPMENT. (SEE "DOOR AND FRAME SCHEDULE" ON SHEET A-400)
42. POWER COMPANY TRANSFORMER AND CONCRETE PAD. (SEE ELECTRICAL SHEETS)
43. EMERGENCY BACK-UP GENERATOR AND CONCRETE PAD. (SEE ELECTRICAL SHEETS)
44. GAS METER SET. (SEE PLUMBING SHEETS)
45. HOSE BIBB. (SEE PLUMBING SHEETS) PROVIDE "FROST PROOF" SILLCOCK AT EXTERIOR WALLS. ENSURE ALL PIPING IS WITHIN THE THERMAL ENVELOPE
46. SURFACE MOUNTED WALL PACK LIGHT FIXTURE CENTER FIXTURE IN PANEL. MOUNT CENTER OF FIXTURE AT 20'-0" A.F.F. (SEE ELECTRICAL SHEETS)
47. 7" RECESSED AREA WITHIN CONCRETE WALL PANEL. (SEE DETAIL V/A-404)
48. CONCRETE DOCK PAD TO EXTEND 60'-0" FROM FACE OF BUILDING. (SEE CIVIL ENGINEERING SHEETS FOR THICKNESS AND SLOPES)
49. RETURN REVEALS ON ALL EXPOSED SIDES OF PIER.
50. AREA OF FUTURE TENANT SIGNAGE.
51. 1/4" GALVANIZED STEEL PLATE DOWNSPOUT GUARD. SECURE TO WALL WITH (3) 1/2" DIA. EXPANSION ANCHORS. PAINT. (SEE DETAIL D/A-307)
52. COMPACTOR DOOR.
53. PREFINISHED METAL (22 GA.) CONDUCTOR BOX AND 6" X 6" PREFINISHED METAL (22 GA.) DOWNSPOUT. (SEE DETAIL B/A-307) CONNECT TO STORM SYSTEM BELOW GRADE. (SEE PLUMBING AND CIVIL SHEETS)
54. SURFACE MOUNTED WALL PACK LIGHT FIXTURE. CENTER FIXTURE IN PANEL. MOUNT CENTER OF FIXTURE AT 17'-6" A.F.F. (SEE ELECTRICAL SHEETS)

RYAN

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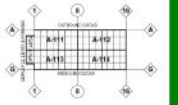
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mohs

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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Author	Checker
JOB NO.	DATE
701088	3/5/2021

ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

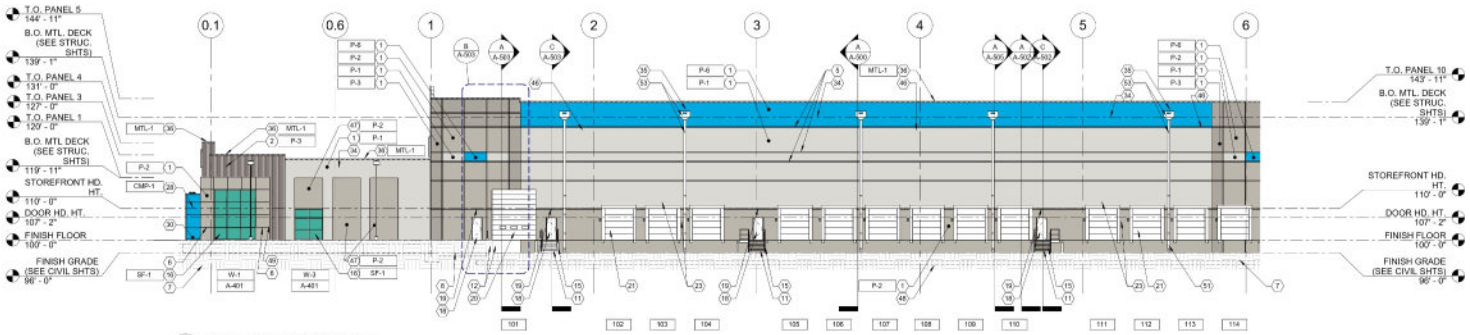
BUILDING ELEVATIONS AND NOTES

A-201

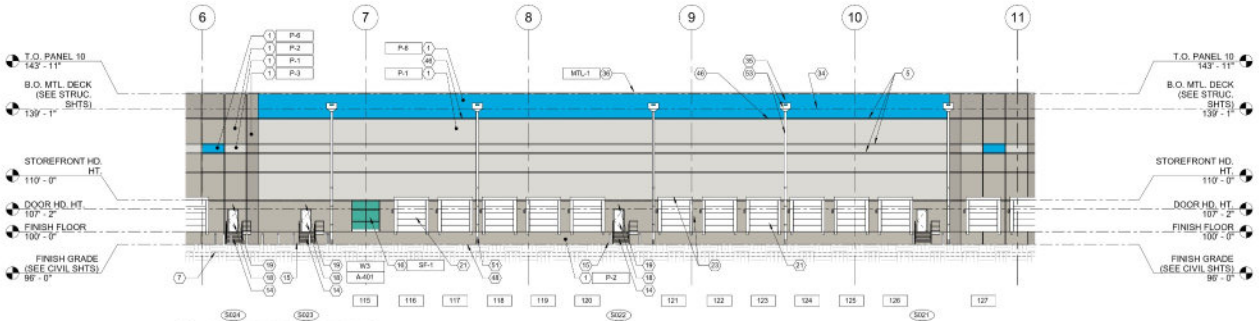
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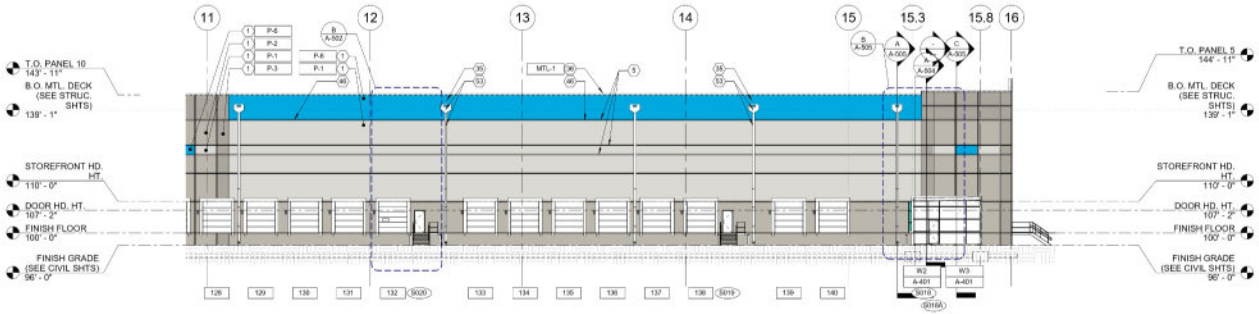
A A-202 OVERALL SOUTH BUILDING ELEVATION
1" = 50'-0"



B A-202 PARTIAL SOUTH BUILDING ELEVATION - 1
1/16" = 1'-0"



C A-202 PARTIAL SOUTH BUILDING ELEVATION - 2
1/16" = 1'-0"



D A-202 PARTIAL SOUTH BUILDING ELEVATION - 3
1/16" = 1'-0"

SHELL BUILDING FINISH NOTES

1. SEE SPECIFICATIONS FOR EXTERIOR TEXTURED ACRYLIC COATING. COLORS TO MATCH SHERWIN WILLIAMS PAINT COLORS AS INDICATED IN SHELL BUILDING MATERIAL FINISH KEY.
2. PAINT EXTERIOR HOLLOW METAL DOORS & FRAMES SEMI-GLOSS. COLOR TO MATCH P-2.
3. PAINT CONCRETE FILLED STEEL BOLLARDS SEMI-GLOSS P-7 "SAFETY YELLOW".
4. PAINT INTERIOR FACE OF WAREHOSUE AND INTERIOR OF STAIR TOWER CONCRETE WALL PANELS PT-6 "FLAT WHITE". (NOTE - WALLS THAT ARE FULLY COVERED BY INTERIOR APPLIED WALL INSULATION OR METAL FRAMING DOES NOT NEED TO BE PAINTED)
5. EXTERIOR CONCRETE WALL PANEL CONTROL JOINTS TO BE SEALED WITH SONNEBORN "NP-2" OR APPROVED EQUAL.
6. PAINT INTERIOR BUILDING COLUMNS PT-9 (YELLOW) AND PT-11 (WHITE) AS DETAILED - TYPICAL U.N.O. SEE DETAILS, SHEET BG-106.
7. PAINT 24" HIGH BAND PT-10 (RED) ON ALL FOUR SIDES OF COLUMN AT 20'-0" A.F.F. AT FIRE EXTINGUISHER LOCATIONS.
8. PAINT ENTIRE COLUMN PT-10 (RED) AT FIRE HOSE CONNECTION LOCATIONS.
9. PROVIDE 1-HR. RATED CONCRETE WALL PANEL JOINTS AT VERTICAL EXIT ENCLOSURES. (STAIRS) CONTROL JOINTS TO BE SEALED WITH SONNEBORN "NP-2" OR APPROVED EQUAL.

NOTE - NOT ALL PLAN NOTES MAY BE USED. VERIFY WITH EACH SPECIFIC PROJECT REQUIREMENTS.

SYMBOL LEGEND

(XX)	SHELL BUILDING ELEVATION CODED NOTE TAG (SEE SHEET A-203 AND A-204 FOR SCHEDULE)
(XXX)	DOOR NUMBER TAG (SEE SHEET A-400 FOR DOOR SCHEDULE)
XXX	DOCK / COMPACTOR DOOR NUMBER TAG (SEE SHEET A-400 FOR DOOR SCHEDULE)
X A-401	STOREFRONT SYSTEM TAG (SEE SHEET A-401 FOR UNIT ELEVATIONS)
	MATERIAL / FINISH TAG (SEE SHEET A-203 AND A-204 FOR MATERIAL FINISH KEY)
	BUILDING EXPANSION JOINT (SEE DETAIL A/A-404)

EXTERIOR COLOR LEGEND

P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7646 "FIRST STAR" (RGB 218 - 217 - 212)
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7616 "MINDFUL GRAY" (RGB 180 - 183 - 173)
P-3	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7617 "DORIAN GRAY" (RGB 172 - 167 - 158)
P-4	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7618 "DOVETAIL" (RGB 144 - 138 - 131)
P-5	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #9174 "MOTH WING" (RGB 160 - 144 - 127)
P-6	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS "BLUE" PANTONE COLOR 432665C (RGB 160 - 144 - 127) (CMYK 63 - 1 - 0 - 0)

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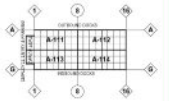
CONSULTANTS

IES Communications

Ericsson Consulting Engineers, P.L.L.C.

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KEY PLAN



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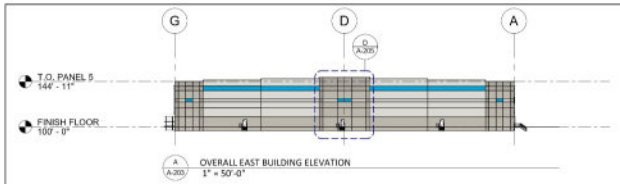
ISSUE #	DATE	DESCRIPTION
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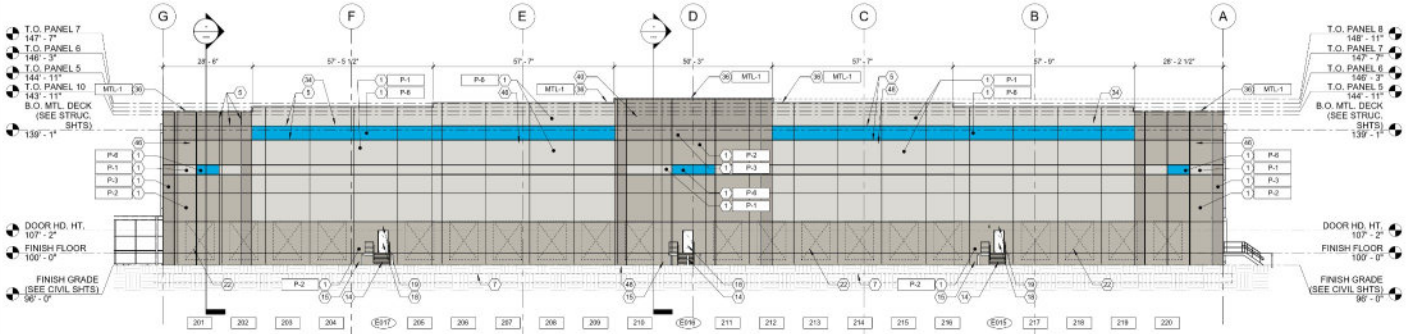
BUILDING ELEVATIONS AND NOTES

A-202

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A A-203 OVERALL EAST BUILDING ELEVATION
1" = 50'-0"



B A-203 PARTIAL EAST BUILDING ELEVATION
1/16" = 1'-0"

GENERAL PROJECT NOTES

- CONCRETE WALL PANEL DESIGN IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD. WALL PANEL THICKNESS AND PANEL JOINT LOCATIONS SHOWN IN THESE DOCUMENTS ARE FOR REFERENCE ONLY.
- COORDINATE BUILDING ORIENTATION WITH EACH PROJECT SPECIFIC SITE. BUILDING ORIENTATION SHOWN IN THESE DOCUMENTS IS FOR REFERENCE ONLY.

EXTERIOR COLOR LEGEND

P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7046 "FIRST STAR" (RGB 218 - 217 - 212)
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7016 "MINDFUL GRAY" (RGB 186 - 183 - 173)
P-3	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7017 "DORIAN GRAY" (RGB 172 - 167 - 158)
P-4	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7018 "DOVETAIL" (RGB 144 - 138 - 131)
P-5	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #9174 "MOTH WING" (RGB 160 - 166 - 127)
P-6	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS "BLUE" PANTONE COLOR #2066C (RGB 160 - 166 - 127) (CMYK 63 - 1 - 0 - 0)

SHELL BUILDING FINISH NOTES

1. SEE SPECIFICATIONS FOR EXTERIOR TEXTURED ACRYLIC COATING. COLORS TO MATCH SHERWIN WILLIAMS PAINT COLORS AS INDICATED IN SHELL BUILDING MATERIAL FINISH KEY.
2. PAINT EXTERIOR HOLLOW METAL DOORS & FRAMES SEMI-GLOSS. COLOR TO MATCH P-2.
3. PAINT CONCRETE FILLED STEEL BOLLARDS SEMI-GLOSS P-7 "SAFETY YELLOW".
4. PAINT INTERIOR FACE OF WAREHOSUE AND INTERIOR OF STAIR TOWER CONCRETE WALL PANELS PT-9 "FLAT WHITE". (NOTE - WALLS THAT ARE FULLY COVERED BY INTERIOR APPLIED WALL INSULATION OR METAL FRAMING DOES NOT NEED TO BE PAINTED)
5. EXTERIOR CONCRETE WALL PANEL CONTROL JOINTS TO BE SEALED WITH SONNEBORN 7NP-2" OR APPROVED EQUAL.
6. PAINT INTERIOR BUILDING COLUMNS PT-9 (YELLOW) AND PT-11 (WHITE) AS DETAILED - TYPICAL U.N.O. SEE DETAILS, SHEET BG-106.
7. PAINT 24" HIGH BAND PT-10 (RED) ON ALL FOUR SIDES OF COLUMN AT 20'-0" A.F.F. AT FIRE EXTINGUISHER LOCATIONS.
8. PAINT ENTIRE COLUMN PT-10 (RED) AT FIRE HOSE CONNECTION LOCATIONS.
9. PROVIDE 1-HR. RATED CONCRETE WALL PANEL JOINTS AT VERTICAL EXIT ENCLOSURES. (STAIRS) CONTROL JOINTS TO BE SEALED WITH SONNEBORN 7NP-2" OR APPROVED EQUAL.

NOTE - NOT ALL PLAN NOTES MAY BE USED. VERIFY WITH EACH SPECIFIC PROJECT REQUIREMENTS.

SYMBOL LEGEND

(##)	SHELL BUIDING ELEVATION CODED NOTE TAG (SEE SHEET A-203 AND A-204 FOR SCHEDULE)
000	DOOR NUMBER TAG (SEE SHEET A-400 FOR DOOR SCHEDULE)
000	DOCK / COMPACTOR DOOR NUMBER TAG (SEE SHEET A-400 FOR DOOR SCHEDULE)
X A-401	STOREFRONT SYSTEM TAG (SEE SHEET A-401 FOR UNIT ELEVATIONS)
	MATERIAL / FINISH TAG (SEE SHEET A-203 AND A-204 FOR MATERIAL FINISH KEY)
	BUILDING EXPANSION JOINT (SEE DETAIL A/A-404)

SHELL BUILDING MATERIAL FINISH KEY

MARK	MANUFACTURER	DESCRIPTION	REMARKS
EXTERIOR PAINT / TEXTURED ACRYLIC COATING (CONCRETE WALL PANELS)			
P-1	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR SW #7046 "FIRST STAR"	EXTERIOR FIELD COLOR EXTERIOR COLOR AT PUMP HOUSE (SEMIGLOSS PAINT AT METAL)
P-2	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR SW #7016 "MINDFUL GRAY"	EXTERIOR ACCENT COLOR HOLLOW METAL DOORS AND FRAMES (SEMIGLOSS) LIGHT POLE BASES INSIDE CURBED ISLANDS
P-3	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR SW #7017 "DORIAN GRAY"	EXTERIOR ACCENT COLOR AT WAREHOUSE EXTERIOR FIELD COLOR AT GUARDHOUSE
P-4	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR SW #7018 "DOVETAIL"	EXTERIOR ACCENT COLOR
P-5	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR SW #9174 "MOTH WING"	EXTERIOR ACCENT COLOR EXTERIOR COLOR AT GUARDHOUSE
P-6	SHERWIN WILLIAMS	TEXTURED ACRYLIC COATING MATCH COLOR PANTONE #2066C	EXTERIOR ACCENT COLOR
P-7	SHERWIN WILLIAMS	SEMIGLOSS PAINT (LOW VOC) "SAFETY YELLOW"	STEEL BOLLARDS, CURBS AND LIGHT POLE BASES OUTSIDE CURBED ISLANDS
P-8	SHERWIN WILLIAMS	SEMI-GLOSS PAINT, "BLACK" (OPTIONAL AS VINYL DECAL)	EXTERIOR ACCENT COLOR AT GUARDHOUSE
PREFINISHED METAL			
MTL-1	PAC-CLAD	24 GA. PREFINISHED ALUMINUM COLOR - "GRANITE"	METAL COPING, SCUPPERS, AND DOWNSPOUTS
COMPOSITE METAL PANELS (ENTRY CANOPY)			
CMP-1	ALPOLIC	4MM - WET SYSTEM COLOR - MATCH P-6	PROVIDE DOW CORNING 795 SEALANT AT JOINTS. MATCH P-6
GALVANIZED METAL			
GLV-1	--	GALVANIZED STEEL (NO PAINT)	EXTERIOR METAL RAILINGS, STAIRS AND LANDINGS
STOREFRONT / WINDOW SYSTEM			
SF-1	KAWNEER	PREFINISHED ALUMINUM COLOR - DARK BRONZE	STOREFRONT / WINDOW SYSTEM (TYP.)
AIR INTAKE LOUVERS			
LV-1	GREENHECK	PREFINISHED ALUMINUM (MATCH P-1) COLOR - "BONE WHITE" #SF102	BUILDING LOUVERS (TYP.) (L1 AND L4 ONLY)
LV-2	GREENHECK	PREFINISHED ALUMINUM (MATCH P-2) COLOR - "SMOKE" #SF104	BUILDING LOUVERS (TYP.) (L2 AND L4 ONLY)

BUILDING ELEVATION CODED NOTES

1. CONCRETE WALL PANELS WITH REVEALS AND TEXTURED PAINT COATING. PAINT EXPOSED INTERIOR FACE OF CONCRETE WALL PANELS. (PT-0)
2. CONCRETE WALL PANELS WITH 1 1/2" WIDE PLANK, RANDOM DEPTH PATTERN, FITZGERAL FORMLINERS, PATTERN #16021 WWW.FORMLINERS.COM 1.800.547.7760
3. PANEL JOINT WITH SEALANT. (TYP.) (SEE DETAILS F & L/A-404)
4. 2" BUILDING EXPANSION JOINT. (SEE DETAIL A/A-404 AND STRUCTURAL SHEETS)
5. 3" WIDE X 1/2" DEEP REVEAL. (SEE DETAIL T & L/A-404)
6. 1" WIDE X 1/2" DEEP REVEAL.
7. LINE OF CONCRETE FOOTING. (SEE STRUCTURAL SHEETS)
8. STEP IN C.I.P. CONCRETE FOOTING. (SEE STRUCTURAL SHEETS)
9. 6" THICK (MIN.) CONCRETE SIDEWALK ON COMPACTED GRANULAR BASE. SLOPE 1/4" PER FOOT (2%) AWAY FROM BUILDING. CONCRETE TO BE STANDARD GRAY CONCRETE WITH LIGHT BROOM FINISH UNLESS NOTED OTHERWISE. (SEE CIVIL SHEETS)
10. 5'-0" X 6'-0" X 4" DEEP CONCRETE STOOP. SLOPE 2% MAX. AWAY FROM BUILDING. (SEE DETAIL K/A-153)
11. CONCRETE STAIRS WITH 1 1/2" DIA. GUARDRAIL AND 1 1/4" DIA. HANDRAIL. (G/LV-1)
12. CONCRETE RAMP, RETAINING WALLS, AND STAIRS WITH PAINTED METAL GUARDRAIL AT DRIVE-THRU OVERHEAD DOORS. (SEE STRUCTURAL SHEETS) (SEE SECTIONS ON SHEET A-503)
13. 2" DIA. GALVANIZED METAL GUARDRAIL AT 42" A.F.F. WITH INTERMEDIATE RAIL AT 21" A.F.F. AND POSTS AT 4'-0" O.C. MAX. (SEE DETAILS ON SHEET A-603)
14. EXTERIOR GALVANIZED METAL STAIR WITH 1 1/2" DIA. GUARDRAIL AND 1 1/4" DIA. HANDRAIL. PROVIDE (2) 6" DIA. BOLLARDS. (SEE DETAILS ON SHEET A-603)
15. 6" DIA. GALVANIZED CONCRETE-FILLED STEEL BOLLARD. PROVIDE REPLACEABLE YELLOW SLEEVE. (SEE DETAIL G/A-153)
16. PREFINISHED ALUMINUM WINDOW SYSTEM WITH 1" INSULATED GLAZING. (SEE ELEVATIONS ON SHEET A-401)
17. 3'-0" X 7'-0" WIDE STILE ALUMINUM STOREFRONT ENTRANCE DOOR(S) WITH 1" INSULATED TEMPERED CLEAR GLASS. (SEE "DOOR AND FRAME SHEDULE" ON SHEET A-400) (SF-1)
18. INSULATED HOLLOW METAL SERVICE DOOR AND FRAME. PAINT SEMI-GLOSS. GROUT FRAME SOLID. (SEE "DOOR AND FRAME SCHEDULE" ON SHEET A-400)
19. EMERGENCY EGRESS LIGHT FIXTURE. CENTER ABOVE DOOR AT 9'-0" A.F.G., U.N.O. (SEE ELECTRICAL SHEETS)
20. 14'-0" X 16'-0" INSULATED OVERHEAD SECTIONAL DRIVE-THRU DOOR. (SEE "DOOR AND FRAME SCHEDULE" ON SHEET A-400) PROVIDE (4) 6" DIA. BOLLARDS (TYP.)
21. 9'-0" X 10'-0" INSULATED OVERHEAD SECTIONAL DOCK DOOR DOCK EQUIPMENT SEE "DOCK EQUIPMENT SCHEDULE" ON SHEET A-400 FOR DOCK EQUIPMENT. (SEE "DOOR AND FRAME SCHEDULE" ON SHEET A-400) SEE DETAILS ON SHEET A-603)
22. KNOCK-OUT PANEL FOR FUTURE WINDOW / DOOR DOOR AND LEVELER. SHOWN DASHED (TYP.)
23. DOCK SIGNAGE. (SEE DETAILS ON SHEET A-603)
24. AUTOMATIC DOOR OPERATOR AND PEDESTAL (SEE DOOR SCHEDULE ON SHEET A-400)
25. STEEL FRAMED CANOPY. TIE DOWNSPOUTS INTO UNDERGROUND STORM SYSTEM. SHEET DRAINING WILL NOT BE ACCEPTED. (SEE PLUMBING AND CIVIL SHEETS) (SEE SHEET A-504)
26. 2" X 5" BLACK VINYL COATED WOVEN WIRE MESH (10 GA.) SECURITY PENCING. TERMINATE ENCLOSURE AT UNDERSIDE OF CANOPY STRUCTURE. (WIRE CRAFTERS, 1.800.626.1816 OR APPROVED EQUAL)
27. 2' X 7' BLACK VINYL COATED WOVEN WIRE MESH (10 GA.) SECURITY GATE WITH EXIT DEVICE. (SEE "DOOR AND FRAME SCHEDULE" ON SHEET A-400) (WIRE CRAFTERS, 1.800.626.1816 OR APPROVED EQUAL)
28. STEEL FRAMED ENTRY CANOPY WITH PREFINISHED COMPOSITE ALUMINUM PANEL FASCIA AND CEILING SYSTEM. (SEE BUILDING SECTIONS)
29. PRE-ENGINEERED SMOKERS SHELTER. (SEE SHEET A-503)
30. STAINLESS STEEL OVERFLOW NOZZLE W/ HINGED PERFORATED COVER. SEE PLUMBING SHEETS FOR SIZE. MOUNT AT 24" ABOVE FINISHED ADJACENT SURFACE. EQUAL TO ZURN MODEL #Z19ADC. WWW.ZURN.COM 1.814.455.0921. (SEE DETAIL F/A-306)
31. 40'-0" H. ALUMINUM FLAG POLE WITH CONCRETE BASE. G.C. SHALL PROVIDE GROUND MOUNTED LIGHT FIXTURE AT EACH POLE. (TYP. OF 3) (SEE CIVIL SHEETS) (SEE ELECTRICAL SHEETS)
32. NEW HEAVY DUTY WINDER BIKE RACK BY MADRAX (1.800.466.7631), MODEL #HW/2B-13-SF. (TYPICAL OF 2) PREFIN. BLACK. SEE SIDEWALK PLANS FOR LOCATIONS. (SEE CIVIL SHEETS)
33. 8'-0" H. DECORATIVE LIGHT POLE AND FIXTURE. (SEE ELECTRICAL DRAWINGS)
34. LINE OF ROOF BEYOND.
35. THRU-WALL DRAINAGE / OVERFLOW SCUPPER. SIZES VARY. SEE BUILDING ELEVATIONS. (SEE DETAILS E/A-306 AND B/A-307)
36. PREFINISHED METAL COPING (24 GA.) OR FASCIA EDGE FLASHING (24 GA.). (SEE DETAIL J/A-304)
37. 6" DIA. CONCRETE-FILLED STEEL BOLLARDS AT GENERATOR AND TRANSFORMERS. PAINT "SAFETY YELLOW". (TYP.) (SEE DETAIL B/A-153)
38. MOTORIZED WALL LOUVER AT FIRE PUMP ROOM. (SEE MECHANICAL & ELECTRICAL SHEETS)
39. FIRE ALARM SYSTEM SPEAKERS/STROBE DEVICE (SEE FIRE PROTECTION SHEETS)
40. SURFACE MOUNTED, HINGED DOOR FIRE DEPARTMENT KNOX BOX W/ TAMPER SWITCH. MOUNT AT 6'-0" ABOVE FINISH GRADE. (KNOX-BOX 3200 SERIES)
41. COMPACTOR PROVIDED AND INSTALLED BY TENANT. G.C. TO PROVIDE ELECTRICAL CONNECTIONS, G.C. TO COORDINATE WITH TENANT'S VENDOR. (SEE ELECTRICAL SHEETS) SEE "DOCK EQUIPMENT SCHEDULE" ON SHEET A-400 FOR DOCK EQUIPMENT. (SEE "DOOR AND FRAME SCHEDULE" ON SHEET A-400)
42. POWER COMPANY TRANSFORMER AND CONCRETE PAD. (SEE ELECTRICAL SHEETS)
43. EMERGENCY BACK-UP GENERATOR AND CONCRETE PAD. (SEE ELECTRICAL SHEETS)
44. GAS METER SET. (SEE PLUMBING SHEETS)
45. HOSE BIBB. (SEE PLUMBING SHEETS) PROVIDE "FROST PROOF" SILLCOCK AT EXTERIOR WALLS. ENSURE ALL PIPING IS WITHIN THE THERMAL ENVELOPE
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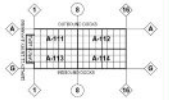
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JOB NO.	**DATE**
701088	3/5/2021

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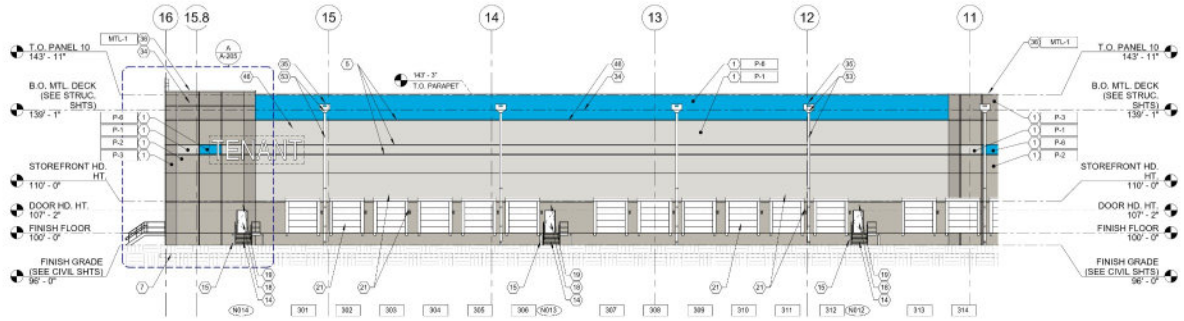
BUILDING ELEVATIONS AND NOTES

A-203

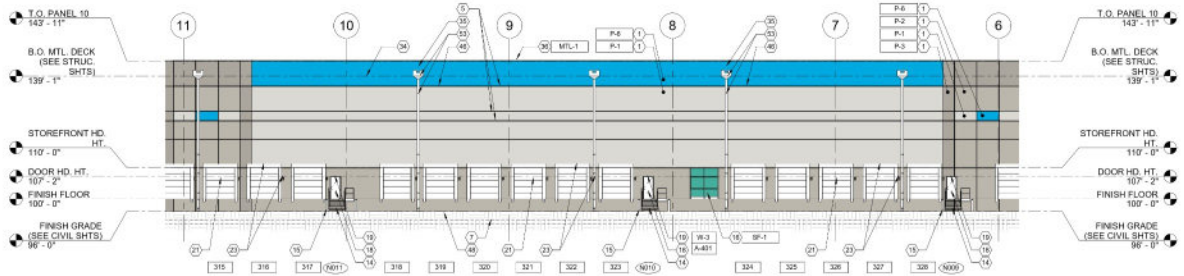
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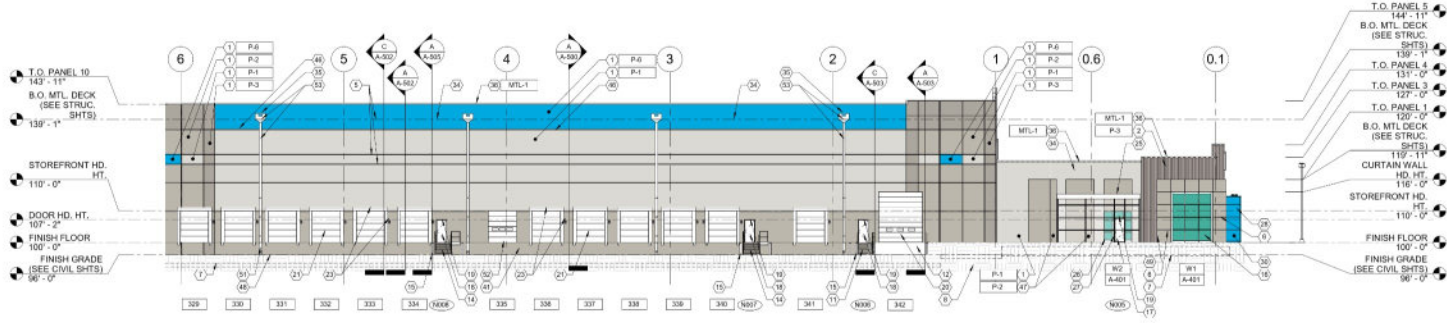
A A-204 OVERALL NORTH BUILDING ELEVATION
1" = 50'-0"



B A-204 PARTIAL NORTH BUILDING ELEVATION - 1
1/16" = 1'-0"



C A-204 PARTIAL NORTH BUILDING ELEVATION - 2
1/16" = 1'-0"



D A-204 PARTIAL NORTH BUILDING ELEVATION - 3
1/16" = 1'-0"

SHELL BUILDING FINISH NOTES

1. SEE SPECIFICATIONS FOR EXTERIOR TEXTURED ACRYLIC COATING. COLORS TO MATCH SHERWIN WILLIAMS PAINT COLORS AS INDICATED IN SHELL BUILDING MATERIAL FINISH KEY.
2. PAINT EXTERIOR HOLLOW METAL DOORS & FRAMES SEMI-GLOSS. COLOR TO MATCH P-2.
3. PAINT CONCRETE FILLED STEEL BOLLARDS SEMI-GLOSS P-7 "SAFETY YELLOW".
4. PAINT INTERIOR FACE OF WAREHOUSE AND INTERIOR OF STAIR TOWER CONCRETE WALL PANELS PT-6 "FLAT WHITE". (NOTE - WALLS THAT ARE FULLY COVERED BY INTERIOR APPLIED WALL INSULATION OR METAL FRAMING DOES NOT NEED TO BE PAINTED)
5. EXTERIOR CONCRETE WALL PANEL CONTROL JOINTS TO BE SEALED WITH SONNEBORN "NP-2" OR APPROVED EQUAL.
6. PAINT INTERIOR BUILDING COLUMNS PT-9 (YELLOW) AND PT-11 (WHITE) AS DETAILED - TYPICAL U.N.O. SEE DETAILS, SHEET BG-106.
7. PAINT 24" HIGH BAND PT-10 (RED) ON ALL FOUR SIDES OF COLUMN AT 20'-0" A.F.F. AT FIRE EXTINGUISHER LOCATIONS.
8. PAINT ENTIRE COLUMN PT-10 (RED) AT FIRE HOSE CONNECTION LOCATIONS.
9. PROVIDE 1-HR. RATED CONCRETE WALL PANEL JOINTS AT VERTICAL EXIT ENCLOSURES. (STAIRS) CONTROL JOINTS TO BE SEALED WITH SONNEBORN "NP-2" OR APPROVED EQUAL.

NOTE - NOT ALL PLAN NOTES MAY BE USED. VERIFY WITH EACH SPECIFIC PROJECT REQUIREMENTS.

SYMBOL LEGEND

(XX)	SHELL BUILDING ELEVATION CODED NOTE TAG (SEE SHEET A-203 AND A-204 FOR SCHEDULE)
(XXX)	DOOR NUMBER TAG (SEE SHEET A-400 FOR DOOR SCHEDULE)
XXX	DOCK / COMPACTOR DOOR NUMBER TAG (SEE SHEET A-400 FOR DOOR SCHEDULE)
X A-401	STOREFRONT SYSTEM TAG (SEE SHEET A-401 FOR UNIT ELEVATIONS)
	MATERIAL / FINISH TAG (SEE SHEET A-203 AND A-204 FOR MATERIAL FINISH KEY)
	BUILDING EXPANSION JOINT (SEE DETAIL A/A-404)

EXTERIOR COLOR LEGEND

P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7646 "FIRST STAR" (RGB 218 - 217 - 212)
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7616 "MINDFUL GRAY" (RGB 180 - 183 - 173)
P-3	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7617 "DORIAN GRAY" (RGB 172 - 167 - 158)
P-4	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7616 "DOVETAIL" (RGB 144 - 138 - 131)
P-5	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #6174 "MOTH WING" (RGB 160 - 144 - 127)
P-6	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS "BLUE" PANTONE COLOR #2065C (RGB 160 - 144 - 127) (CMYK 83 - 1 - 0 - 0)

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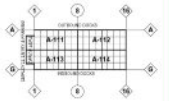
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mohs

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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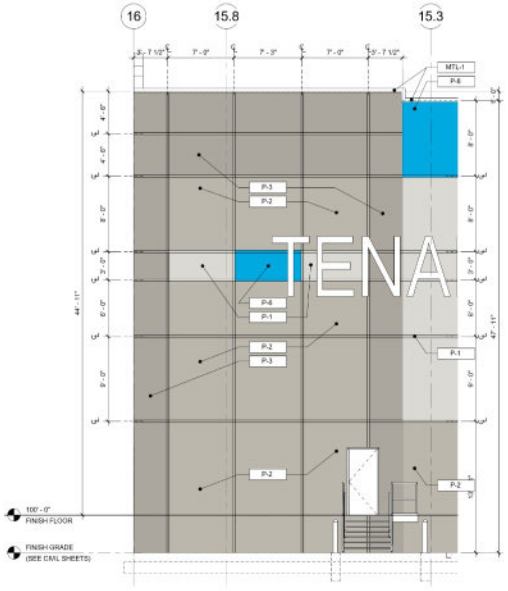
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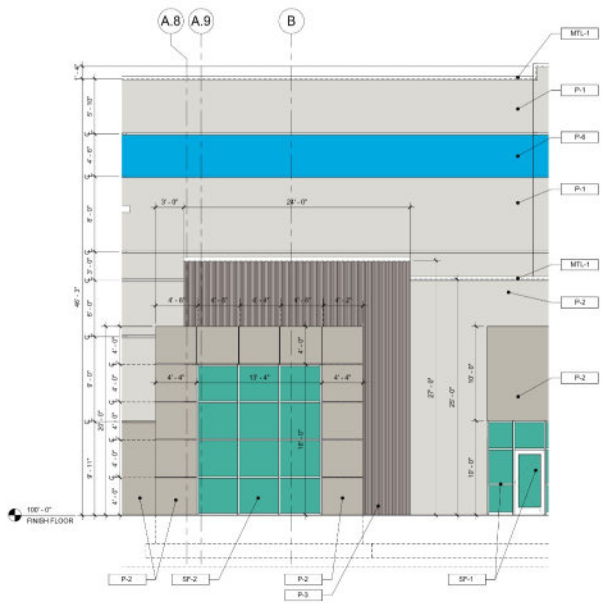
BUILDING ELEVATIONS AND NOTES

A-204

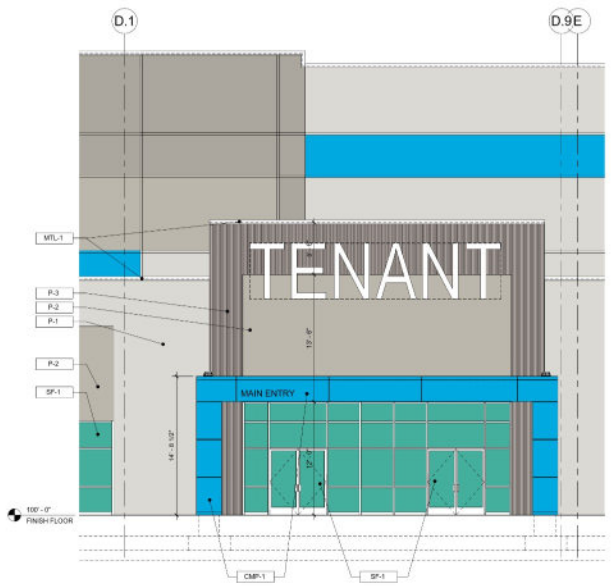
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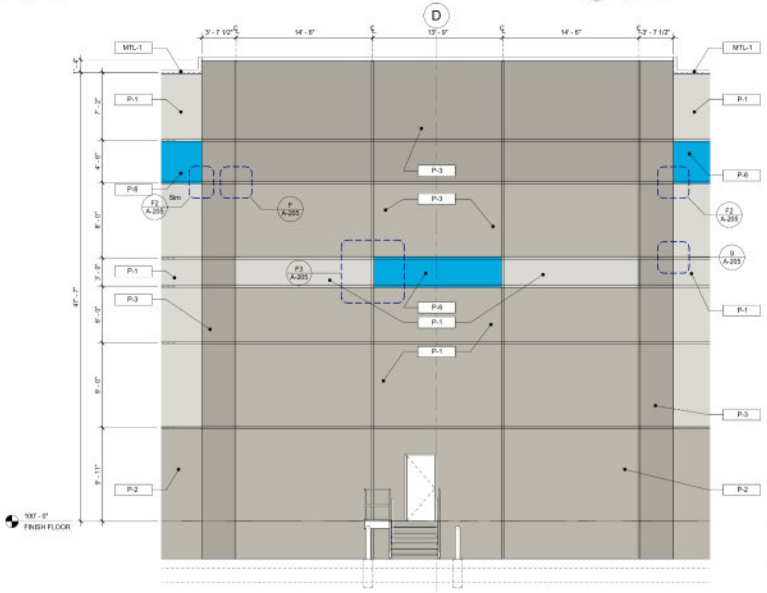
A PARTIAL BUILDING ELEVATION
A-205 3/16" = 1'-0"



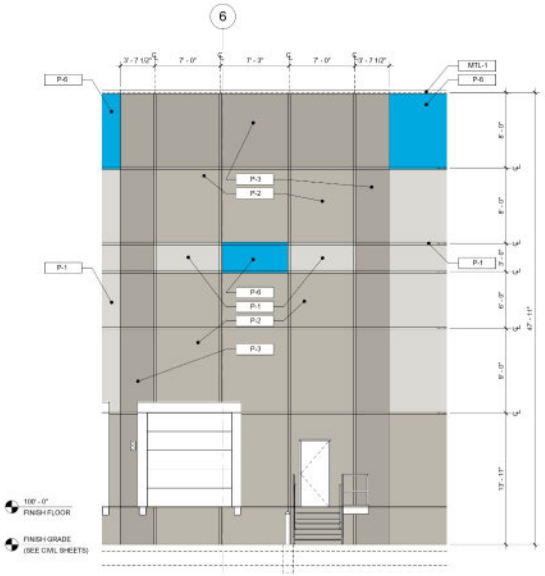
B PARTIAL BUILDING ELEVATION
A-205 3/16" = 1'-0"



C PARTIAL BUILDING ELEVATION
A-205 3/16" = 1'-0"

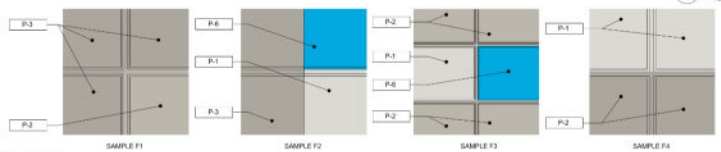


D PARTIAL BUILDING ELEVATION
A-205 3/16" = 1'-0"

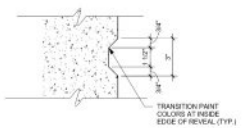


E PARTIAL BUILDING ELEVATION
A-205 3/16" = 1'-0"

EXTERIOR COLOR LEGEND	
P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7646 "FIRST STAR" (RGB 218 - 217 - 212)
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7616 "MINDFUL GRAY" (RGB 180 - 183 - 173)
P-3	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7017 "DORIAN GRAY" (RGB 172 - 167 - 158)
P-4	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #7516 "DOVETAIL" (RGB 144 - 138 - 131)
P-5	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #6174 "MOTH WING" (RGB 160 - 144 - 127)
P-6	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS "BLUE" PANTONE COLOR 4205SC (RGB 100 - 144 - 127) (CMYK 83 - 1 - 0 - 0)



P ENLARGED PAINT COLOR DETAILS
A-206 3/4" = 1'-0"



I TYPICAL REVEAL
A-205 3" = 1'-0"

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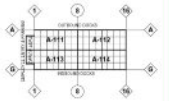
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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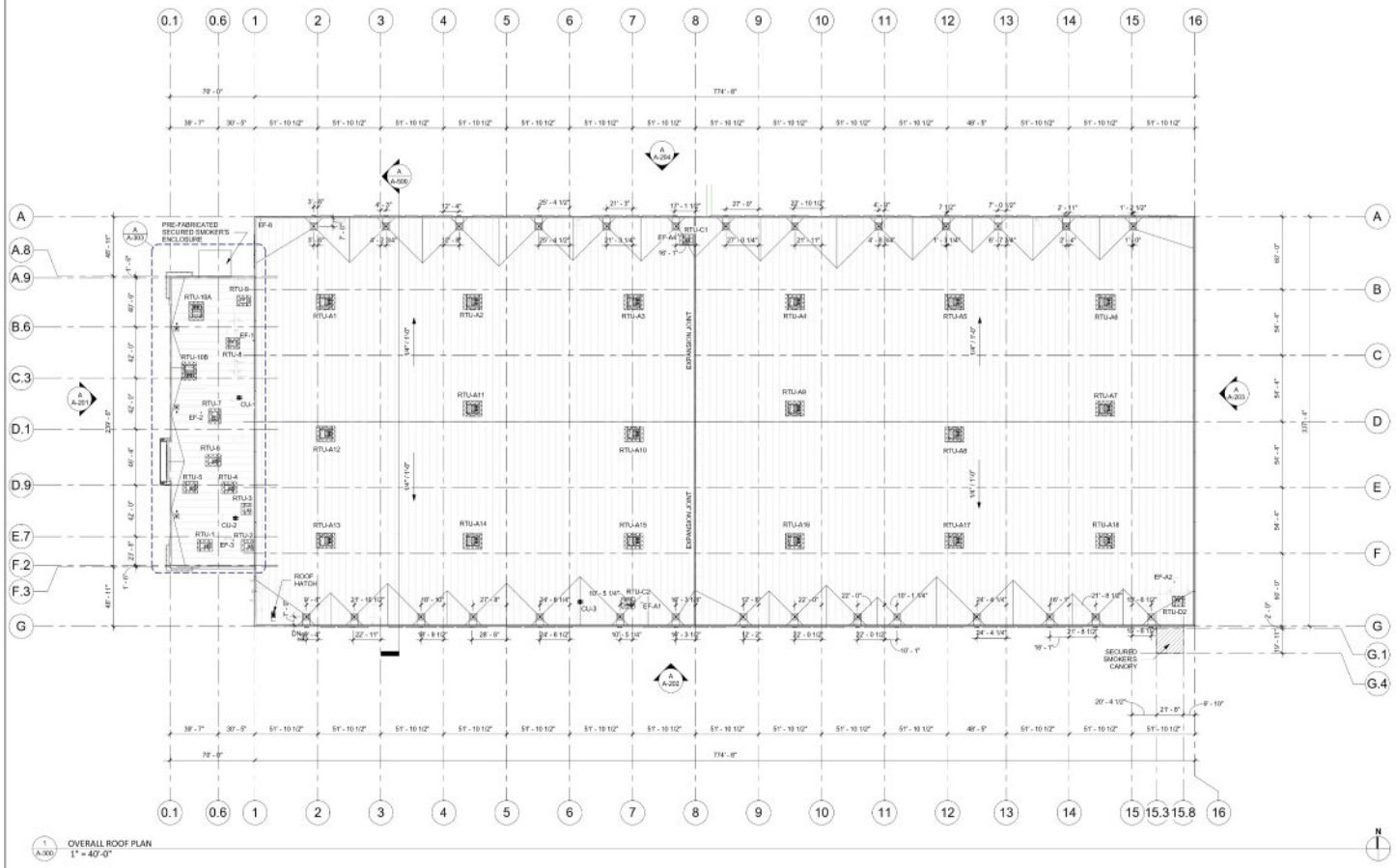
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PAINT COLOR SCHEME AND NOTES

A-205

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1 OVERALL ROOF PLAN
1" = 40'-0"

ROOF PLAN GENERAL NOTES

1. ALL CURBS, STACK VENTS, AND ROOF PENETRATIONS TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-303, THRU A-307 FOR STANDARD ROOF DETAILS.

2. ALL MEMBRANE TERMINATIONS & FLASHING TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-303 THRU A-307 FOR STANDARD ROOF DETAILS.

3. ALL COPING, EXPOSED FLASHING, & STEP FLASHINGS TO BE PREPAINSHED 824 GA. METAL. SEE "SHELL BUILDING MATERIAL FINISH KEY" ON SHET A-201.

4. ALL GUTTERS, DOWNSPOUTS, GRAVEL STOPS, FASCIAS, FLASHINGS, LOUVERS, SCREENT, METAL STRUCTURES, AND ROOF PENETRATIONS ARE TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-202 THRU A-307 FOR STANDARD ROOF DETAILS.

5. ROOFING CONTRACTOR SHALL OBTAIN AND FOLLOW MANUFACTURER'S STANDARDS DETAILS NOT SPECIFICALLY REFERENCED ON ARCHITECTURAL DRAWINGS RELATIVE TO GUTTERS, DOWNSPOUTS, GRAVEL SOPS, FASCIAS, FLASHINGS, LOUVERS, SCREENS, MTL. STRUCT. TERMINATIONS, COPINGS, & ANY ROOF PENETRATIONS TO BE INSTALLED AND FABRICATED AS PER SMACNA STANDARDS AND IN STRICT ACCORDANCE WITH ROOFING MANUFACTURER'S SPECIFICATIONS AS REQUIRED TO OBTAIN MANUFACTURER'S WARRANTY.

6. SEE MECHANICAL / PLUMBING DRAWINGS FOR ADDITIONAL NOTES & DETAILS.

7. VERIFY EXACT LOCATIONS OF ALL ROOF PENETRATIONS AND ROOF CURBS W/STRUCTURAL, PLUMBING, AND MECHANICAL DRAWINGS. DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

8. ALL EQUIPMENT ON ROOF TO BE MOUNTED ON CURBS. (24" MIN).

9. ALL VENT LOCATIONS SHALL BE VERIFIED W/PLUMBING AND MECHANICAL DRAWINGS.

10. ALL EXPOSED ROOF MOUNTED GAS PIPING IS TO BE PAINTED WITH A RUST PROHIBITING INDUSTRIAL ENAMEL PAINT - SAFETY YELLOW.

11. ALL ROOF SLOPES ARE TO HAVE MINIMUM 1/4" FALL WHERE CRICKETS OCCUR. CRICKETS ARE TO BE PROVIDED W/SUFFICIENT DEPTH AND SLOPE TO ACCOMODATE A MINIMUM OF 1/8" PER FOOT FALL AT A VALLEY.

12. PROVIDE BUILT-UP TAPERED INSULATION AS REQUIRED FOR MINIMUM 1/4" PER FOOT SLOPE OF ROOF.

13. EXHAUST FANS AND VENTS TO BE LOCATED A MIN. OF 10'-0" FROM A.C. INTAKE. VERIFY ALL LOCATIONS W/PLUMBING AND MECHANICAL DRAWINGS.

14. MECHANICAL SUB-CONTRACTOR TO COORDINATE INSTALLATION AND ACCEPTANCE OF PRE-FABRICATED CURBS AND PENETRATIONS W/ROOF MEMBRANE SUB-CONTRACTOR. GENERAL CONTRACTOR TO PROVIDE ALL NECESSARY BLOCKING, NAILING, ETC. AS REQUIRED FOR A WATERTIGHT AND WATERPROOF ASSEMBLY.

15. PROVIDE EXPANDING FOAM INSULATION AT ROOF PERIMETER OPENINGS, DRAINS, AND GAPS IN INSULATION BOARDS GREATER THAN 1/4".

16. PROVIDE PREMOLDED DECK FLUTE FILLERS OR EXPANDING FOAM INSULATION AT EDGE OF DECK OPENINGS AND AT ENTIRE LENGTH OF BOTH SIDES OF BUILDING EXPANSION JOINTS.

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CONSULTANTS

IES Communications

Kramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN

PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT E. MOSS 07404 IOWA 3/3/21

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moss

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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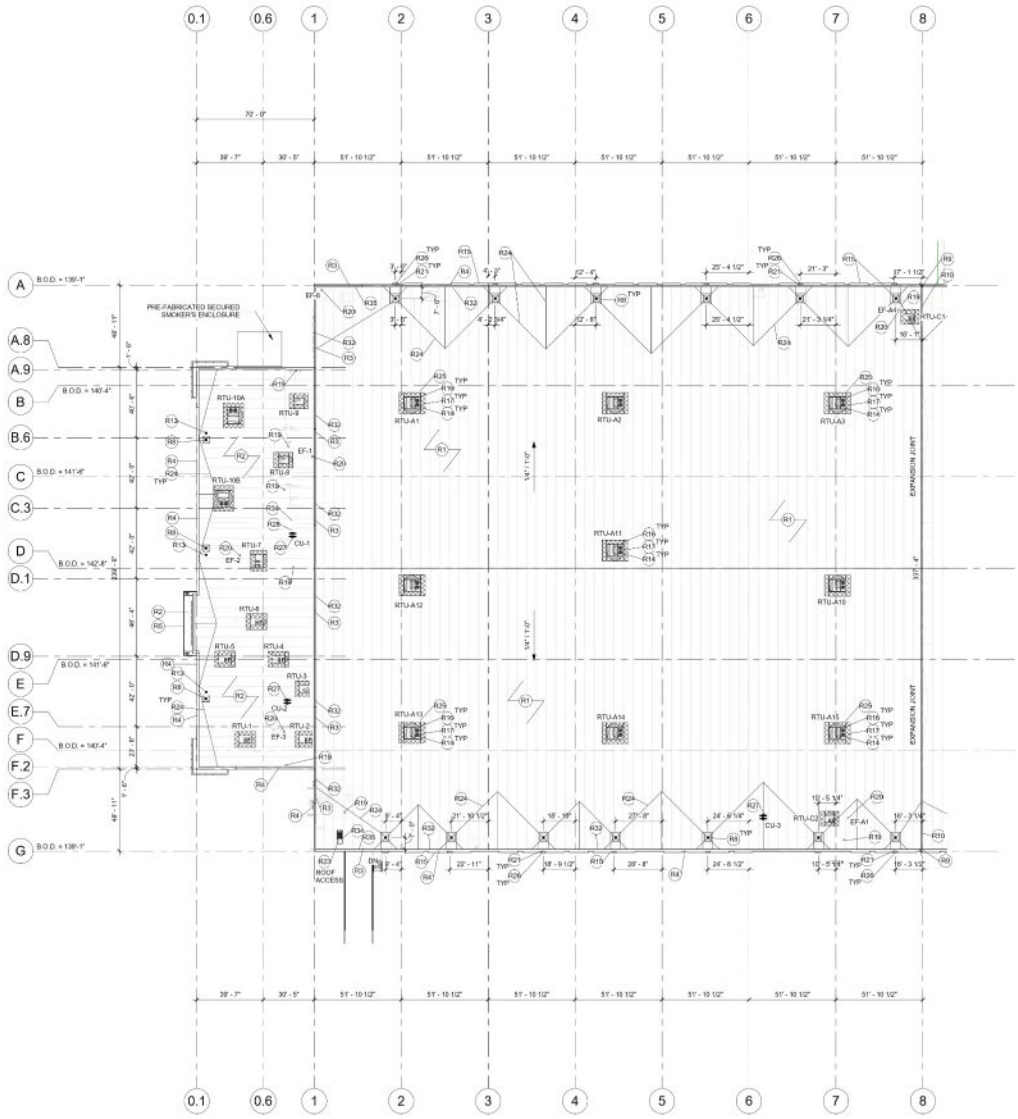
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3/5/2021

OVERALL ROOF PLAN

A-300

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1 A-301 PARTIAL ENLARGED ROOF PLAN 1
1" = 30'-0"

ROOF PLAN CODED NOTES

R1 MECHANICALLY FASTENED .060" REINFORCED WHITE T.P.O. MEMBRANE ROOFING SYSTEM OVER (12) LAYERS (+/- 5.2" TOTAL) POLYISOCYANURATE ROOF INSULATION (R-30 LTTR, MIN.) WITH STAGGERED JOINTS OVER METAL ROOF DECK.

R2 FULLY ADHERED .060" REINFORCED GRAY T.P.O. MEMBRANE ROOFING SYSTEM OVER (2) LAYERS (+/- 5.2" TOTAL) POLYISOCYANURATE ROOF INSULATION (R-30 LTTR, MIN.) WITH STAGGERED JOINTS OVER METAL ROOF DECK.

R3 STEP IN PARAPET. PROVIDE VERTICAL TERMINATION BAR AT EDGE OF MEMBRANE. (SEE ELEVATIONS FOR LOCATIONS)

R4 PREFINISHED METAL COPING (24 GA.) OR FASCIA EDGE FLASHING (24 GA.) (SEE DETAIL J/A-304)

R5 STEEL FRAME CANOPY WITH PREFINISHED COMPOSITE ALUMINUM PANEL SYSTEM. (SEE BUILDING SECTIONS)

R6 RECESSED LIGHTING BELOW. (SEE ELECTRICAL DRAWINGS)

R7 PREFINISHED 4" X 4" METAL CANOPY DOWNSPOUT. TIE INTO UNDERGROUND STORE SYSTEM (SEE DETAIL G/A-305)

R8 PRIMARY ROOF DRAIN WITH VERTICAL LEADER. PROVIDE CLEAN OUT ACCESS COVER AS REQUIRED. (TYP) SEE PLUMBING SHEETS FOR SIZES. SEE CIVIL SHEETS FOR CONTINUATION. (SEE DETAIL B/C & D/A-305)

R9 PROVIDE EXPANSION JOINT IN PARAPET COPING AT ROOF EXPANSION JOINT.

R10 BUILDING ROOF EXPANSION JOINT. EXTEND VERTICALLY ON BACKSIDE OF PARAPET (SEE DETAIL H/A-304)

R11 CANOPY ROOF DRAIN WITH VERTICAL LEADER. PROVIDE CLEAN OUT ACCESS COVER AS REQUIRED. (TYP) SEE PLUMBING SHEETS FOR SIZES. SEE CIVIL SHEETS FOR CONTINUATION. (SEE DETAIL G/A-305)

R12 EXTERIOR SURFACE MOUNTED LED LIGHT FIXTURE. MOUNT DIRECTLY TO THE UNDERSIDE OF METAL DECK. (SEE ELECTRICAL SHEETS)

R13 SECONDARY DRAIN WITH VERTICAL LEADER TO DAYLIGHT. PROVIDE CLEAN OUT ACCESS COVER AS REQUIRED. (TYP) SEE PLUMBING SHEETS FOR SIZES. (SEE DETAILS C, D & F/A-306)

R14 ROOF MOUNTED HVAC UNIT AND CURB. (SEE MECHANICAL SHEETS FOR SIZES AND LOATIONS) (SEE CURB FLASHING DETAILS A & B/A-305) (NO SECURITY BARS)

R15 LINE OF DOCK EQUIPMENT BELOW. (SEE 'DOOR AND FRAME SCHEDULE' ON SHEET A-400)

R16 PROVIDE MINIMUM 3" HIGH TAPERED 'CRICKET' AT HIGH SIDE OF HVAC UNITS AND ROOF HATCHES TO ASSURE PROPER DRAINAGE. PROVIDE 1/4" PER FOOT SLOPE MIN.

R17 30" WIDE WALKWAY PADS ON FOUR SIDES OF RTU AND THREE SIDES OF ROOF HATCHES. (SEE DETAIL C/A-305)

R18 SURFACE MOUNTED WALL PACK LIGHT FIXTURE. CENTER FIXTURE IN PANEL. MOUNT CENTER OF FIXTURE AT 30'-0" AFF (SEE ELECTRICAL SHEETS)

R19 SURFACE MOUNTED WALL PACK LIGHT FIXTURE. CENTER FIXTURE IN PANEL. MOUNT CENTER OF FIXTURE AT 30'-0" AFF (SEE ELECTRICAL SHEETS)

R20 PLUMBING VENT THRU ROOF WITH FLASHING. (SEE PLUMBING SHEETS) (SEE DETAIL B/A-305)

R29 EXHAUST FAN (SEE MECHANICAL SHEETS)

R21 THRU-WALL OVERFLOW SCUPPER. SEE ELEVATIONS AND PLANS FOR SIZE. (SEE DETAIL E/A-306 AND DETAILS A, B & C/A-307)

R22 FUTURE VENT STACK. (SEE TENANT IMPROVEMENT DOCUMENTS. SHOWN FOR COORDINATION PURPOSES ONLY.)

R23 3'-0" W X 8'-0" L ROOF HATCH WITH MANUFACTURER'S PROTECTIVE GUARDRAIL SYSTEM. (SEE DETAIL J/A-305) PROVIDE 30" WIDE WALKWAY PADS ON 3 SIDES OF HATCH.

R24 PROVIDE TAPERED ROOF INSULATION TO MAINTAIN A 1/4" PER FOOT MIN. SLOPE TO EACH ROOF DRAIN, SCUPPER OPENING, AND DOWNSPOUT (SEE SHEETS A-304 & A-306)

R25 ROOF MOUNTED FROST FREE HOSE BIBB. (SEE PLUMBING SHEETS)

R26 PREFINISHED METAL (22 GA.) METAL SCUPPER BOX AND 6" X 6" METAL (22 GA.) DOWNSPOUT. (SEE DETAIL A & B / A-307) DOWNSPOUT DO DISCHARGE AT GRADE. (SEE PLUMBING AND CIVIL SHEETS)

R27 ROOF MOUNTED CONDENSING UNIT. (SEE MECH. SHEETS)

R28 2'-6" W X 3'-0" L ROOF HATCH WITH MANUFACTURER'S PROTECTIVE GUARDRAIL SYSTEM. (SEE DETAILS C, D & E/A-305) PROVIDE 30" WIDE WALKWAY PADS.

R29 9" X 5" PREFINISHED METAL (22 GA.) GUTTER WITH 4" X 4" METAL (22 GA) DOWNSPOUT. CONNECT TO STORM SYSTEM BELOW GRADE. (SEE DETAILS B/Z-304 AND G/A-305)

R30 4" PREFINISHED ALUMINUM SOFFIT VENT. (4'-0" LONG, OR 8'-0" LONG, OR CONTINUOUS)

R31 FULLY ADHERED .060" REINFORCED GRAY TPO MEMBRANE ROOFING SYSTEM OVER (1) LAYER 1 1/2" POLYISOCYANURATE ROOF INSULATION OVER METAL ROOF DECK.

R32 PROVIDE EXPANDING FOAM INSULATION FULL PERIMETER OF INSULATION INTERSECTION WITH CONCRETE WALL PANEL. (SEE DETAILS ON SHEET A-304)

R33 EXTEND ROOF DRAIN THROUGH CANOPY.

R34 INSTALL 1 1/2" DIA. GUARDRAIL AT 42" MIN. ABOVE ROOF WITH MID-RAIL AND SELF-CLOSING SWING GATE. MOUNT TO ROOF HATCH CURB.

R35 DAVIT CRANE LOCATED AND CENTERED ABOVE DRIVE IN DOOR. MOUNT TO BACK SIDE OF PARAPET USING SLEEVE ANCHORAGE. PROVIDE FOR A MAXIMUM CAPACITY OF 2,000 LBS. SEE DETAIL K/A-304 AND STRUCTURAL DRAWINGS.

ROOF PLAN GENERAL NOTES

1. ALL CURBS, STACK VENTS, AND ROOF PENETRATIONS TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-303, THRU A-307 FOR STANDARD ROOF DETAILS.

2. ALL MEMBRANE TERMINATIONS & FLASHING TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-303 THRU A-307 FOR STANDARD ROOF DETAILS.

3. ALL COPING, EXPOSED FLASHING, & STEP FLASHINGS TO BE PREFINISHED K24 GA. METAL. SEE 'SHELL BUILDING MATERIAL, FINISH KEY' ON SHEET A-201.

4. ALL GUTTERS, DOWNSPOUTS, GRAVEL STOPS, FASCIAS, FLASHINGS, LOUVERS, SCREENT, METAL STRUCTURES, AND ROOF PENETRATIONS ARE TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-302 THRU A-307 FOR STANDARD ROOF DETAILS.

5. ROOFING CONTRACTOR SHALL OBTAIN AND FOLLOW MANUFACTURER'S STANDARDS DETAILS NOT SPECIFICALLY REFERENCED ON ARCHITECTURAL DRAWINGS RELATIVE TO GUTTERS, DOWNSPOUTS, GRAVEL SOPS, FASCIAS, FLASHINGS, LOUVERS, SCREENS, MTL. STRUCT., TERMINATIONS, COPINGS, & ANY ROOF PENETRATIONS TO BE INSTALLED AND FABRICATED AS PER SMACNA STANDARDS AND IN STRICT ACCORDANCE WITH ROOFING MANUFACTURER'S SPECIFICATIONS AS REQUIRED TO OBTAIN MANUFACTURER'S WARRANTY.

6. SEE MECHANICAL / PLUMBING DRAWINGS FOR ADDITIONAL NOTES & DETAILS.

7. VERIFY EXACT LOCATIONS OF ALL ROOF PENETRATIONS AND ROOF CURBS W/STRUCTURAL, PLUMBING, AND MECHANICAL DRAWINGS. DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

8. ALL EQUIPMENT ON ROOF TO BE MOUNTED ON CURBS. (24" MIN)

9. ALL VENT LOCATIONS SHALL BE VERIFIED W/PLUMBING AND MECHANICAL DRAWINGS.

10. ALL EXPOSED ROOF MOUNTED GAS PIPING IS TO BE PAINTED WITH A RUST PROHIBITING INDUSTRIAL ENAMEL PAINT - SAFETY YELLOW.

11. ALL ROOF SLOPES ARE TO HAVE MINIMUM 1/4" FALL WHERE CRICKETS OCCUR. CRICKETS ARE TO BE PROVIDED W/SUFFICIENT DEPTH AND SLOPE TO ACCOMODATE A MINIMUM OF 1/8" PER FOOT FALL AT A VALLEY.

12. PROVIDE BUILT-UP TAPERED INSULATION AS REQUIRED FOR MINIMUM 1/4" PER FOOT SLOPE OF ROOF.

13. EXHAUST FANS AND VENTS TO BE LOCATED A MIN. OF 10'-0" FROM A-C INTAKE. VERIFY ALL LOCATIONS W/PLUMBING AND MECHANICAL DRAWINGS.

14. MECHANICAL SUB-CONTRACTOR TO COORDINATE INSTALLATION AND ACCEPTANCE OF PRE-FABRICATED CURBS AND PENETRATIONS W/ROOF MEMBRANE SUB-CONTRACTOR. GENERAL CONTRACTOR TO PROVIDE ALL NECESSARY BLOCKING, NAILING, ETC. AS REQUIRED FOR A WATERTIGHT AND WATERPROOF ASSEMBLY.

15. PROVIDE EXPANDING FOAM INSULATION AT ROOF PERIMETER, OPENINGS, DRAINS, AND GAPS IN INSULATION BOARDS GREATER THAN 1/4".

16. PROVIDE PREMOLDED DECK FLUTE FILLERS OR EXPANDING FOAM INSULATION AT EDGE OF DECK OPENINGS AND AT ENTIRE LENGTH OF BOTH SIDES OF BUILDING EXPANSION JOINTS.

RYAN

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OWNER

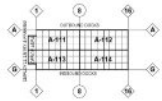
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT
ERIC MOES
IOWA
3/3/21
DATE

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DRAWN BY	CHECKED BY
MS	EM
JOB NO.	DATE
701088	3/5/2021

ISSUE RECORD

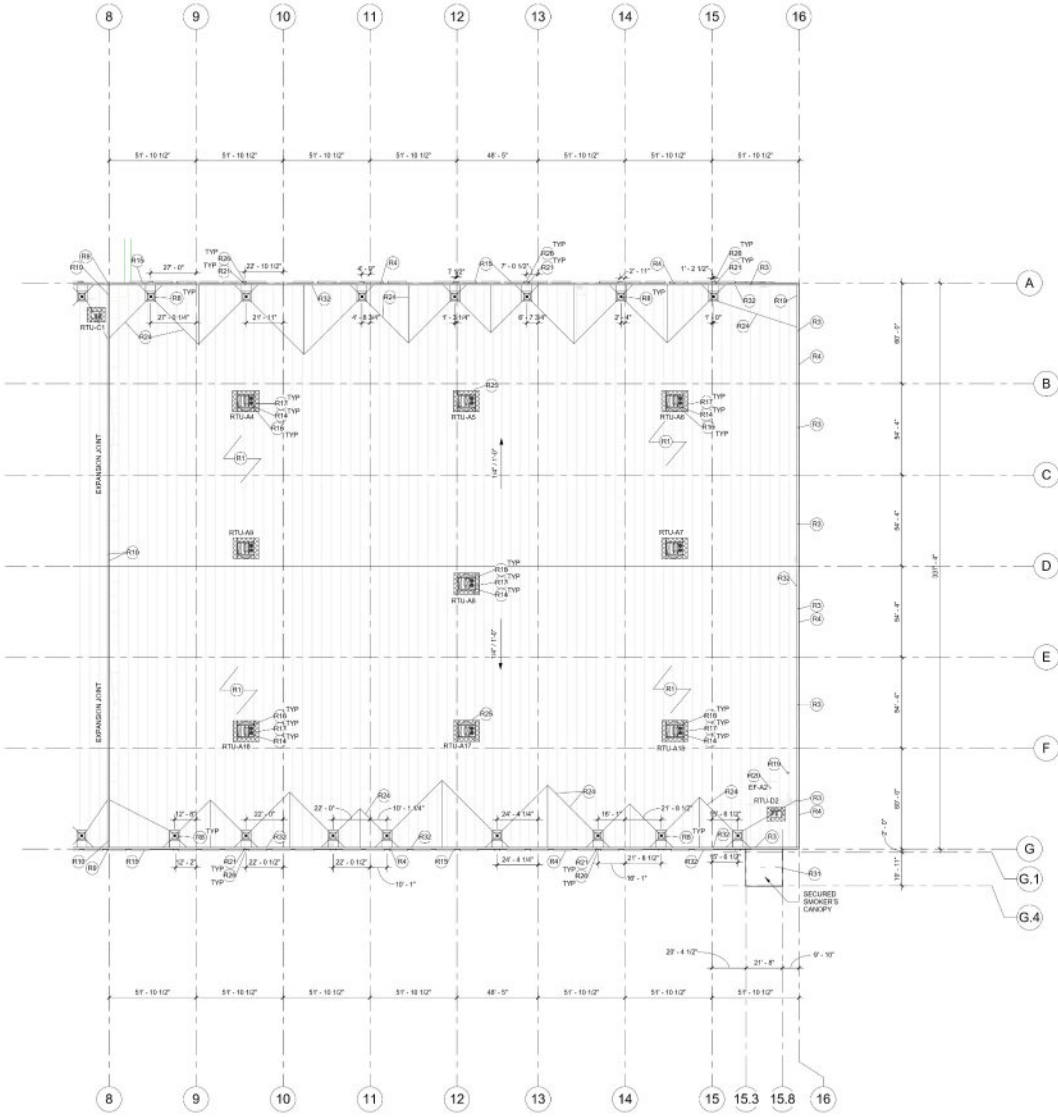
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B	3.5.2021	PERMIT SET

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3/5/2021

PARTIAL ENLARGED ROOF PLAN AND NOTES

A-301

3/3/2021 6:02:01 PM



A/A-302 PARTIAL ENLARGED ROOF PLAN 2
1" = 30'-0"

ROOF PLAN CODED NOTES

R1 MECHANICALLY FASTENED .060" REINFORCED WHITE T.P.O. MEMBRANE ROOFING SYSTEM OVER (1) LAYERS (+/- 5.2" TOTAL) POLYISOCYANURATE ROOF INSULATION (R-30 LTTR, MIN.), WITH STAGGERED JOINTS OVER METAL ROOF DECK.

R2 FULLY ADHERED .060" REINFORCED GRAY T.P.O. MEMBRANE ROOFING SYSTEM OVER (2) LAYERS (+/- 5.2" TOTAL) POLYISOCYANURATE ROOF INSULATION (R-30 LTTR. MIN.) WITH STAGGERED JOINTS OVER METAL ROOF DECK.

R3 STEP IN PARAPET. PROVIDE VERTICAL TERMINATION BAR AT EDGE OF MEMBRANE. (SEE ELEVATIONS FOR LOCATIONS)

R4 PREFINISHED METAL COPING (24 GA.) OR FASCIA EDGE FLASHING (24 GA.) (SEE DETAIL 2/A-304)

R5 STEEL FRAME CANOPY WITH PREFINISHED COMPOSITE ALUMINUM PANEL SYSTEM. (SEE BUILDING SECTIONS)

R6 RECESSED LIGHTING BELOW. (SEE ELECTRICAL DRAWINGS)

R7 PREFINISHED 4" X 4" METAL CANOPY DOWNSPOUT. TIE INTO UNDERGROUND STORE SYSTEM (SEE DETAIL G/A-305)

R8 PRIMARY ROOF DRAIN WITH VERTICAL LEADER. PROVIDE CLEAN-OUT ACCESS COVER AS REQUIRED. (TYP) SEE PLUMBING SHEETS FOR SIZES. SEE CIVIL SHEETS FOR CONTINUATION. (SEE DETAILS B/C & D/A-306)

R9 PROVIDE EXPANSION JOINT IN PARAPET COPING AT ROOF EXPANSION JOINT.

R10 BUILDING ROOF EXPANSION JOINT. EXTEND VERTICALLY ON BACKSIDE OF PARAPET (SEE DETAIL 8/A-304)

R11 CANOPY ROOF DRAIN WITH VERTICAL LEADER. PROVIDE CLEAN-OUT ACCESS COVER AS REQUIRED. (TYP) SEE PLUMBING SHEETS FOR SIZES. SEE CIVIL SHEETS FOR CONTINUATION. (SEE DETAIL G/A-305)

R12 EXTERIOR SURFACE MOUNTED LED LIGHT FIXTURE. MOUNT DIRECTLY TO THE UNDERSIDE OF METAL DECK. (SEE ELECTRICAL SHEETS)

R13 SECONDARY DRAIN WITH VERTICAL LEADER TO DAYLIGHT. PROVIDE CLEAN-OUT ACCESS COVER AS REQUIRED. (TYP) SEE PLUMBING SHEETS FOR SIZES. (SEE DETAILS C, D & F/A-306)

R14 ROOF MOUNTED HVAC UNIT AND CURB. (SEE MECHANICAL SHEETS FOR SIZES AND LOATIONS) (SEE CURB FLASHING DETAILS A & B/A-305) (NO SECURITY BARS)

R15 LINE OF DOCK EQUIPMENT BELOW. (SEE 'DOOR AND FRAME SCHEDULE' ON SHEET A-400)

R16 PROVIDE MINIMUM 2" HIGH TAPERED 'CRICKET' AT HIGH SIDE OF HVAC UNITS AND ROOF HATCHES TO ASSURE PROPER DRAINAGE. PROVIDE 1/4" PER FOOT SLOPE MIN.

R17 30" WIDE WALKWAY PADS ON FOUR SIDES OF RTU AND THREE SIDES OF ROOF HATCHES. (SEE DETAIL G/A-305)

R18 SURFACE MOUNTED WALL PACK LIGHT FIXTURE. CENTER FIXTURE IN PANEL. MOUNT CENTER OF FIXTURE AT 30'-0" AFF. (SEE ELECTRICAL SHEETS)

R18 SURFACE MOUNTED WALL PACK LIGHT FIXTURE. CENTER FIXTURE IN PANEL. MOUNT CENTER OF FIXTURE AT 30'-0" AFF. (SEE ELECTRICAL SHEETS)

R19 PLUMBING VENT THRU ROOF WITH FLASHING. (SEE PLUMBING SHEETS) (SEE DETAIL D/A-305)

R20 EXHAUST FAN (SEE MECHANICAL SHEETS)

R21 THRU-WALL OVERFLOW SCUPPER. SEE ELEVATIONS AND PLANS FOR SIZE. (SEE DETAIL E/A-305 AND DETAILS A, B & D/A-301)

R22 FUTURE VENT STACK. (SEE TENANT IMPROVEMENT DOCUMENTS, SHOWN FOR COORDINATION PURPOSES ONLY.)

R23 3'-0" W X 8'-0" L ROOF HATCH WITH MANUFACTURER'S PROTECTIVE GUARDRAIL SYSTEM. (SEE DETAIL J/A-305) PROVIDE 30" WIDE WALKWAY PADS ON 3 SIDES OF HATCH.

R24 PROVIDE TAPERED ROOF INSULATION TO MAINTAIN A 1/4" PER FOOT MIN. SLOPE TO EACH ROOF DRAIN, SCUPPER OPENING, AND DOWNSPOUT (SEE SHEETS A-304 & A-306)

R25 ROOF MOUNTED FROST FREE HOSE BIBB. (SEE PLUMBING SHEETS)

R26 PREFINISHED METAL (22 GA.) METAL SCUPPER BOX AND 8" X 8" METAL (22 GA.) DOWNSPOUT. (SEE DETAIL A & B / A-307) DOWNSPOUT DO DISCHARGE AT GRADE. (SEE PLUMBING AND CIVIL SHEETS)

R27 ROOF MOUNTED CONDENSING UNIT. (SEE MECH. SHEETS)

R28 2'-0" W X 1'-0" L ROOF HATCH WITH MANUFACTURER'S PROTECTIVE GUARDRAIL SYSTEM. (SEE DETAILS C, D & E/A-303) PROVIDE 30" WIDE WALKWAY PADS.

R29 5" X 5" PREFINISHED METAL (22 GA.) GUTTER WITH 4" X 4" METAL (22 GA) DOWNSPOUT. CONNECT TO STORM SYSTEM BELOW GRADE. (SEE DETAILS B/Z-304 AND G/A-305)

R30 4" PREFINISHED ALUMINUM SOFFIT VENT. (4'-0" LONG, OR 6'-0" LONG, OR CONTINUOUS)

R31 FULLY ADHERED .060" REINFORCED GRAY TPO MEMBRANE ROOFING SYSTEM OVER (1) LAYER 1 1/2" POLYISOCYANURATE ROOF INSULATION OVER METAL ROOF DECK.

R32 PROVIDE EXPANDING FOAM INSULATION FULL PERIMETER OF INSULATION INTERSECTION WITH CONCRETE WALL PANEL. (SEE DETAILS ON SHEET A-304)

R33 EXTEND ROOF DRAIN THROUGH CANOPY.

R34 INSTALL 1 1/2" DIA. GUARDRAIL AT 42" MIN. ABOVE ROOF WITH MID-RAIL AND SELF-CLOSING SWING GATE. MOUNT TO ROOF HATCH CURB.

R35 DAVIT CRANE LOCATED AND CENTERED ABOVE DRIVE IN DOOR. MOUNT TO BACK SIDE OF PARAPET USING SLEEVE ANCHORAGE. PROVIDE FOR A MAXIMUM CAPACITY OF 2,000 LBS. SEE DETAIL X/A-304 AND STRUCTURAL DRAWINGS.

ROOF PLAN GENERAL NOTES

1. ALL CURBS, STACK VENTS, AND ROOF PENETRATIONS TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-303, THRU A-307 FOR STANDARD ROOF DETAILS.

2. ALL MEMBRANE TERMINATIONS & FLASHING TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-303 THRU A-307 FOR STANDARD ROOF DETAILS.

3. ALL COPING, EXPOSED FLASHING, & STEP FLASHINGS TO BE PREFINISHED #24 GA. METAL. SEE 'SHELL BUILDING MATERIAL FINISH KEY' ON SHET A-201.

4. ALL GUTTERS, DOWNSPOUTS, GRAVEL STOPS, FASCIAS, FLASHINGS, LOUVERS, SCREENT, METAL STRUCTURES, AND ROOF PENETRATIONS ARE TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-202 THRU A-307 FOR STANDARD ROOF DETAILS.

5. ROOFING CONTRACTOR SHALL OBTAIN AND FOLLOW MANUFACTURER'S STANDARDS DETAILS NOT SPECIFICALLY REFERENCED ON ARCHITECTURAL DRAWINGS RELATIVE TO GUTTERS, DOWNSPOUTS, GRAVEL STOPS, FASCIAS, FLASHINGS, LOUVERS, SCREENS, MTL. STRUCT., TERMINATIONS, COPINGS, & ANY ROOF PENETRATIONS TO BE INSTALLED AND FABRICATED AS PER SMACNA STANDARDS AND IN STRICT ACCORDANCE WITH ROOFING MANUFACTURER'S SPECIFICATIONS AS REQUIRED TO OBTAIN MANUFACTURER'S WARRANTY.

6. SEE MECHANICAL / PLUMBING DRAWINGS FOR ADDITIONAL NOTES & DETAILS.

7. VERIFY EXACT LOCATIONS OF ALL ROOF PENETRATIONS AND ROOF CURBS W/STRUCTURAL, PLUMBING, AND MECHANICAL DRAWINGS. DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

8. ALL EQUIPMENT ON ROOF TO BE MOUNTED ON CURBS. (24" MIN)

9. ALL VENT LOCATIONS SHALL BE VERIFIED W/PLUMBING AND MECHANICAL DRAWINGS.

10. ALL EXPOSED ROOF MOUNTED GAS PIPING IS TO BE PAINTED WITH A RUST PROHIBITING INDUSTRIAL ENAMEL PAINT - SAFETY YELLOW.

11. ALL ROOF SLOPES ARE TO HAVE MINIMUM 1/4" FALL WHERE CRICKETS OCCUR. CRICKETS ARE TO BE PROVIDED W/SUFFICIENT DEPTH AND SLOPE TO ACCOMODATE A MINIMUM OF 1/8" PER FOOT FALL AT A VALLEY.

12. PROVIDE BUILT-UP TAPERED INSULATION AS REQUIRED FOR MINIMUM 1/4" PER FOOT SLOPE OF ROOF.

13. EXHAUST FANS AND VENTS TO BE LOCATED A MIN. OF 10'-0" FROM A-C INTAKE. VERIFY ALL LOCATIONS 2/PLUMBING AND MECHANICAL DRAWINGS.

14. MECHANICAL SUB-CONTRACTOR TO COORDINATE INSTALLATION AND ACCEPTANCE OF PRE-FABRICATED CURBS AND PENETRATIONS W/ROOF MEMBRANE SUB-CONTRACTOR. GENERAL CONTRACTOR TO PROVIDE ALL NECESSARY BLOCKING, NAILING, ETC. AS REQUIRED FOR A WATERTIGHT AND WATERPROOF ASSEMBLY.

15. PROVIDE EXPANDING FOAM INSULATION AT ROOF PERIMETER, OPENINGS, DRAINS, AND GAPS IN INSULATION BOARDS GREATER THAN 1/4".

16. PROVIDE PREMOLDED DECK FLUTE FILLERS OR EXPANDING FOAM INSULATION AT EDGE OF DECK OPENINGS AND AT ENTIRE LENGTH OF BOTH SIDES OF BUILDING EXPANSION JOINTS.

RYAN

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OWNER

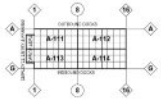
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT
ERIC M. MOES
IOWA
3/31/21
RENEW

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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MS	EM
JOB NO.	DATE
701068	3/5/2021

ISSUE RECORD

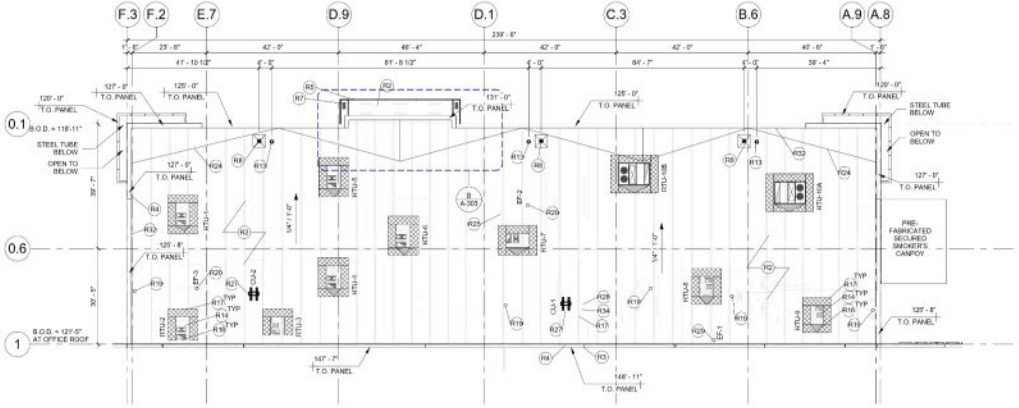
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3/5/2021

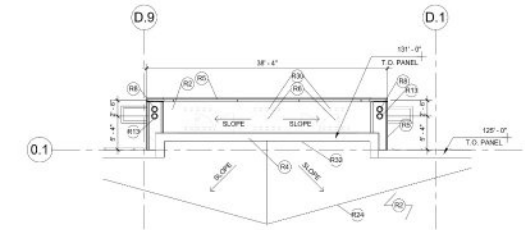
PARTIAL ENLARGED ROOF PLAN AND NOTES

A-302

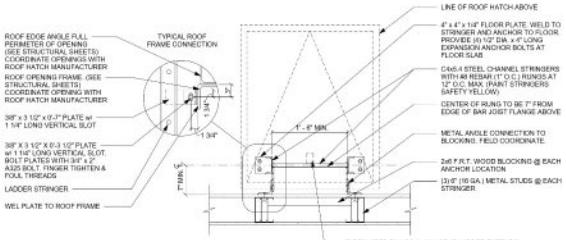
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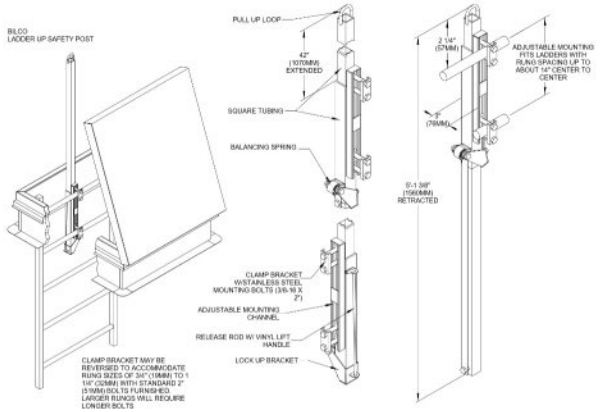
A A-303 MAIN OFFICE ENLARGED ROOF PLAN
1/16" = 1'-0"



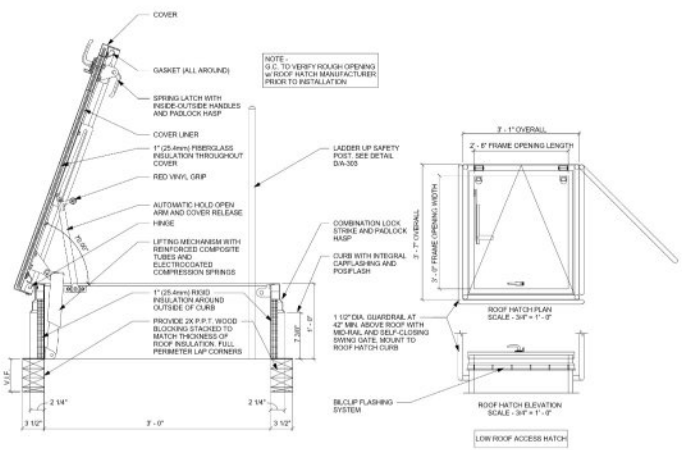
B A-303 ENTRANCE CANOPY ROOF PLAN
1/8" = 1'-0"



C A-303 A303-C - ROOF LADDER DETAIL
1" = 1'-0"



D A-303 ROOF ACCESS LADDER SAFETY POST DETAIL
1 1/2" = 1'-0"



E A-303 ROOF HATCH DETAIL
1 1/2" = 1'-0"

ROOF PLAN CODED NOTES

R1 MECHANICALLY FASTENED .060" REINFORCED WHITE T.P.O. MEMBRANE ROOFING SYSTEM OVER (12) LAYERS (+/- 5.2" TOTAL) POLYISOCYANURATE ROOF INSULATION (R-30 LTTR, MIN.), WITH STAGGERED JOINTS OVER METAL ROOF DECK.

R2 FULLY ADHERED .060" REINFORCED GRAY T.P.O. MEMBRANE ROOFING SYSTEM OVER (2) LAYERS (+/- 5.2" TOTAL) POLYISOCYANURATE ROOF INSULATION (R-30 LTTR, MIN.) WITH STAGGERED JOINTS OVER METAL ROOF DECK.

R3 STEP IN PARAPET. PROVIDE VERTICAL TERMINATION BAR AT EDGE OF MEMBRANE. (SEE ELEVATIONS FOR LOCATIONS)

R4 PREFINISHED METAL COPING (24 GA.) OR FASCIA EDGE FLASHING (24 GA.) (SEE DETAIL 2/A-304)

R5 STEEL FRAME CANOPY WITH PREFINISHED COMPOSITE ALUMINUM PANEL SYSTEM. (SEE BUILDING SECTIONS)

R6 RECESSED LIGHTING BELOW. (SEE ELECTRICAL DRAWINGS)

R7 PREFINISHED 6" X 4" METAL CANOPY DOWNSPOUT. TIE INTO UNDERGROUND STORE SYSTEM (SEE DETAIL 6/A-305)

R8 PRIMARY ROOF DRAIN WITH VERTICAL LEADER. PROVIDE CLEAN OUT ACCESS COVER AS REQUIRED. (TYP) SEE PLUMBING SHEETS FOR SIZES. SEE CIVIL SHEETS FOR CONTINUATION. (SEE DETAILS B.C & D/A-306)

R9 PROVIDE EXPANSION JOINT IN PARAPET COPING AT ROOF EXPANSION JOINT.

R10 BUILDING ROOF EXPANSION JOINT. EXTEND VERTICALLY ON BACKSIDE OF PARAPET (SEE DETAIL H/A-304)

R11 CANOPY ROOF DRAIN WITH VERTICAL LEADER. PROVIDE CLEAN OUT ACCESS COVER AS REQUIRED. (TYP) SEE PLUMBING SHEETS FOR SIZES. SEE CIVIL SHEETS FOR CONTINUATION. (SEE DETAIL 6/A-305)

R12 EXTERIOR SURFACE MOUNTED LED LIGHT FIXTURE. MOUNT DIRECTLY TO THE UNDERSIDE OF METAL DECK. (SEE ELECTRICAL SHEETS)

R13 SECONDARY DRAIN WITH VERTICAL LEADER TO DAYLIGHT. PROVIDE CLEAN OUT ACCESS COVER AS REQUIRED. (TYP) SEE PLUMBING SHEETS FOR SIZES. (SEE DETAILS C, D & F/A-306)

R14 ROOF MOUNTED HVAC UNIT AND CURB. (SEE MECHANICAL SHEETS FOR SIZES AND LOATIONS) (SEE CURB FLASHING DETAILS A & B/A-305) (NO SECURITY BARS)

R15 LINE OF DOCK EQUIPMENT BELOW. (SEE DOOR AND FRAME SCHEDULE ON SHEET A-606)

R16 PROVIDE MINIMUM 2" HIGH TAPERED CRICKET AT HIGH SIDE OF HVAC UNITS AND ROOF HATCHES TO ASSURE PROPER DRAINAGE. PROVIDE 1/4" PER FOOT SLOPE MIN.

R17 30" WIDE WALKWAY PADS ON FOUR SIDES OF RTU AND THREE SIDES OF ROOF HATCHES. (SEE DETAIL C/A-305)

R18 SURFACE MOUNTED WALL PACK LIGHT FIXTURE. CENTER FIXTURE IN PANEL. MOUNT CENTER OF FIXTURE AT 36'-0" AFF (SEE ELECTRICAL SHEETS)

R18 SURFACE MOUNTED WALL PACK LIGHT FIXTURE. CENTER FIXTURE IN PANEL. MOUNT CENTER OF FIXTURE AT 36'-0" AFF (SEE ELECTRICAL SHEETS)

R19 PLUMBING VENT THRU ROOF WITH FLASHING. (SEE PLUMBING SHEETS) (SEE DETAIL D/A-305)

R20 EXHAUST FAN (SEE MECHANICAL SHEETS)

R21 THRU-WALL OVERFLOW SCUPPER. SEE ELEVATIONS AND PLANS FOR SIZE. (SEE DETAIL B/A-306 AND DETAILS A, B & C/A-301)

R22 FUTURE VENT STACK. (SEE TENANT IMPROVEMENT DOCUMENTS. SHOWN FOR COORDINATION PURPOSES ONLY.)

R23 3'-2" W X 8'-6" L ROOF HATCH WITH MANUFACTURER'S PROTECTIVE GUARDRAIL SYSTEM. (SEE DETAIL 2/A-305) PROVIDE 36" WIDE WALKWAY PADS ON 3 SIDES OF HATCH.

R24 PROVIDE TAPERED ROOF INSULATION TO MAINTAIN A 1/4" PER FOOT MIN. SLOPE TO EACH ROOF DRAIN, SCUPPER OPENING, AND DOWNSPOUT (SEE SHEETS A-304 & A-305)

R25 ROOF MOUNTED FROST FREE HOSE BIBB. (SEE PLUMBING SHEETS)

R26 PREFINISHED METAL (22 GA.) METAL SCUPPER BOX AND 4" X 6" METAL (22 GA.) DOWNSPOUT. (SEE DETAIL A & B / A-307) DOWNSPOUT DO DISCHARGE AT GRADE. (SEE PLUMBING AND CIVIL SHEETS)

R27 ROOF MOUNTED CONDENSING UNIT. (SEE MECH. SHEETS)

R28 2'-8" W X 3'-0" L ROOF HATCH WITH MANUFACTURER'S PROTECTIVE GUARDRAIL SYSTEM. (SEE DETAILS C, D & E/A-305) PROVIDE 36" WIDE WALKWAY PADS

R29 5" X 5" PREFINISHED METAL (22 GA.) GUTTER WITH 4" X 4" METAL (22 GA) DOWNSPOUT. CONNECT TO STORM SYSTEM BELOW GRADE. (SEE DETAILS B/Z-504 AND G/A-305)

R30 4" PREFINISHED ALUMINUM SOFFIT VENT. (4'-0" LONG, OR 6'-0" LONG, OR CONTINUOUS)

R31 FULLY ADHERED .060" REINFORCED GRAY TPO MEMBRANE ROOFING SYSTEM OVER (1) LAYER 1 1/2" POLYISOCYANURATE ROOF INSULATION OVER METAL ROOF DECK.

R32 PROVIDE EXPANDING FOAM INSULATION FULL PERIMETER OF INSULATION INTERSECTION WITH CONCRETE WALL PANEL. (SEE DETAILS ON SHEET A-304)

R33 EXTEND ROOF DRAIN THROUGH CANOPY.

R34 INSTALL 1 1/2" DIA. GUARDRAIL AT 42" MIN. ABOVE ROOF WITH MID-RAIL AND SELF-CLOSING SWING GATE. MOUNT TO ROOF HATCH CURB.

R35 DAVIT CRANE LOCATED AND CENTERED ABOVE DRIVE IN DOOR. MOUNT TO BACK SIDE OF PARAPET USING SLEEVE ANCHORAGE. PROVIDE FOR A MAXIMUM CAPACITY OF 2,000 LBS. SEE DETAIL X/A-309 AND STRUCTURAL DRAWINGS.

ROOF PLAN GENERAL NOTES

1. ALL CURBS, STACK VENTS, AND ROOF PENETRATIONS TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURERS, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-303, THRU A-307 FOR STANDARD ROOF DETAILS.

2. ALL MEMBRANE TERMINATIONS & FLASHING TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-303 THRU A-307 FOR STANDARD ROOF DETAILS.

3. ALL COPING, EXPOSED FLASHING, & STEP FLASHINGS TO BE PREFINISHED 24 GA. METAL. SEE SHELL BUILDING MATERIAL FINISH KEY ON SHEET A-201.

4. ALL GUTTERS, DOWNSPOUTS, GRAVEL STOPS, FASCIAS, FLASHINGS, LOUVERS, SCREENT, METAL STRUCTURES, AND ROOF PENETRATIONS ARE TO BE INSTALLED PER PROJECT SPECIFIC DETAILS, APPROVED BY ROOFING MANUFACTURER, AS REFERENCED PER ARCHITECTURAL DRAWINGS. SEE SHEETS A-282 THRU A-307 FOR STANDARD ROOF DETAILS.

5. ROOFING CONTRACTOR SHALL OBTAIN AND FOLLOW MANUFACTURER'S STANDARDS DETAILS NOT SPECIFICALLY REFERENCED ON ARCHITECTURAL DRAWINGS RELATIVE TO GUTTERS, DOWNSPOUTS, GRAVEL STOPS, FASCIAS, FLASHINGS, LOUVERS, SCREENS, MTL. STRUCT., TERMINATIONS, COPINGS, & ANY ROOF PENETRATIONS TO BE INSTALLED AND FABRICATED AS PER SMACNA STANDARDS AND IN STRICT ACCORDANCE WITH ROOFING MANUFACTURER'S SPECIFICATIONS AS REQUIRED TO OBTAIN MANUFACTURER'S WARRANTY.

6. SEE MECHANICAL / PLUMBING DRAWINGS FOR ADDITIONAL NOTES & DETAILS.

7. VERIFY EXACT LOCATIONS OF ALL ROOF PENETRATIONS AND ROOF CURBS W/STRUCTURAL, PLUMBING, AND MECHANICAL DRAWINGS. DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

8. ALL EQUIPMENT ON ROOF TO BE MOUNTED ON CURBS. (24" MIN)

9. ALL VENT LOCATIONS SHALL BE VERIFIED W/PLUMBING AND MECHANICAL DRAWINGS.

10. ALL EXPOSED ROOF MOUNTED GAS PIPING IS TO BE PAINTED WITH A RUST PROHIBITING INDUSTRIAL ENAMEL PAINT - SAFETY YELLOW.

11. ALL ROOF SLOPES ARE TO HAVE MINIMUM 1/4" FALL WHERE CRICKETS OCCUR, CRICKETS ARE TO BE PROVIDED W/SUFFICIENT DEPTH AND SLOPE TO ACCOMODATE A MINIMUM OF 1/8" PER FOOT FALL AT A VALLEY.

12. PROVIDE BUILT-UP TAPERED INSULATION AS REQUIRED FOR MINIMUM 1/4" PER FOOT SLOPE OF ROOF.

13. EXHAUST FANS AND VENTS TO BE LOCATED A MIN. OF 10'-0" FROM A.C INTAKE. VERIFY ALL LOCATIONS (W/PLUMBING AND MECHANICAL DRAWINGS.

14. MECHANICAL SUB-CONTRACTOR TO COORDINATE INSTALLATION AND ACCEPTANCE OF PRE-FABRICATED CURBS AND PENETRATIONS W/ROOF MEMBRANE SUB-CONTRACTOR. GENERAL CONTRACTOR TO PROVIDE ALL NECESSARY BLOCKING, NAILING, ETC. AS REQUIRED FOR A WATERTIGHT AND WATERPROOF ASSEMBLY.

15. PROVIDE EXPANDING FOAM INSULATION AT ROOF PERIMETER, OPENINGS, DRAINS, AND GAPS IN INSULATION BOARDS GREATER THAN 1/4".

16. PROVIDE PREMOLDED DECK FLUTE FILLERS OR EXPANDING FOAM INSULATION AT EDGE OF DECK OPENINGS AND AT ENTIRE LENGTH OF BOTH SIDES OF BUILDING EXPANSION JOINTS.

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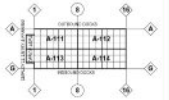
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

I HEREBY CERTIFY THAT PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mohs

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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JOB NO.	DATE
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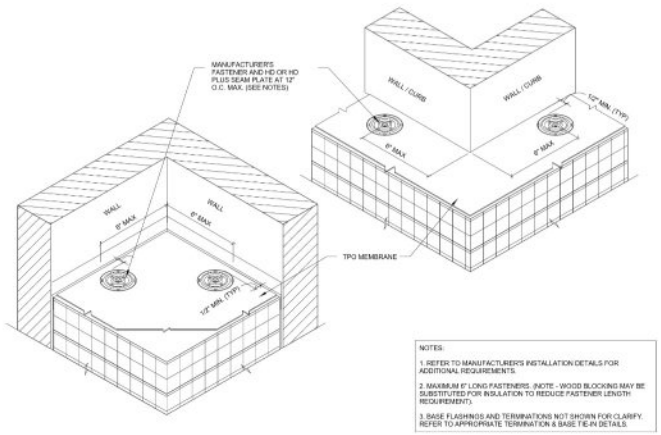
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ENLARGED ROOF PLANS

A-303

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NOTES:

1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.

2. MAXIMUM 6" LONG FASTENERS. (NOTE - WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE FASTENER LENGTH REQUIREMENT).

3. BASE FLASHINGS AND TERMINATIONS NOT SHOWN FOR CLARITY. REFER TO APPROPRIATE TERMINATION & BASE TIE-IN DETAILS.

A A-304 MEMBRANE SECUREMENT DETAILS
12" = 1'-0"

NOTES-

1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS

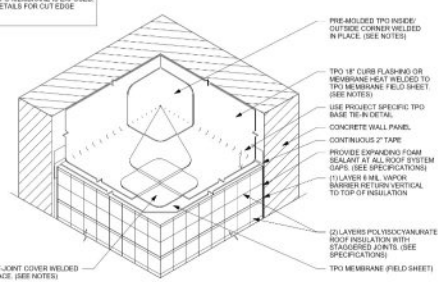
2. REFER TO MANUFACTURER'S DETAILS FOR WELD WIDTH

3. T-JOINT COVER REQUIRED FOR .060" MEMBRANE ONLY

4. TPO MEMBRANE FLASHING (UNSUPPORTED) (4"x4" MIN. WITH ROUNDED CORNERS) MAY BE USED IN LIEU OF T-JOINT COVER

5. TPO MEMBRANE FLASHING (UNSUPPORTED) MAY BE USED IN LIEU OF PRE-MOLDED TPO INSIDE/OUTSIDE CORNER FOR A MAXIMUM WARRANTY OF 20 YEARS

6. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO MANUFACTURER'S DETAILS FOR CUT EDGE SEALANT APPLICATION



B A-304 TYPICAL PARAPET INSIDE CORNER FLASHING
12" = 1'-0"

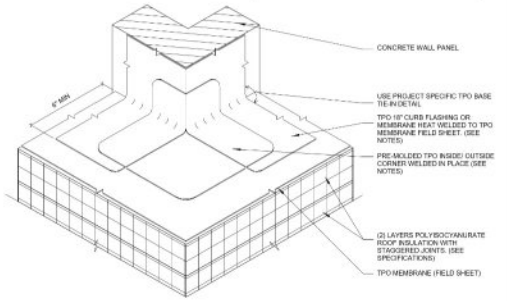
NOTES-

1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.

2. REFER TO MANUFACTURER'S DETAILS FOR WELD WIDTH.

3. TPO MEMBRANE FLASHING (UNSUPPORTED) MAY BE USED IN LIEU OF PRE-MOLDED TPO INSIDE/OUTSIDE CORNER FOR A MAXIMUM WARRANTY OF 20 YEARS

4. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO MANUFACTURER'S DETAILS FOR CUT EDGE SEALANT APPLICATION.



C A-304 TYPICAL PARAPET OUTSIDE CORNER FLASHING
12" = 1'-0"

NOTES-

1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.

2. REFER TO MANUFACTURER'S DETAILS FOR WELD WIDTH.

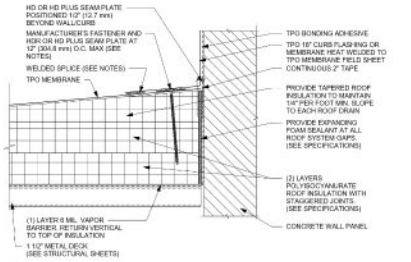
3. MAXIMUM 6" (152.4 mm) LONG FASTENERS (NOTE - WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE FASTENER LENGTH REQUIREMENT).

4. IN CASE OF OBSTRUCTIONS, REFER TO MANUFACTURER'S WEBSITE FOR DETAILS

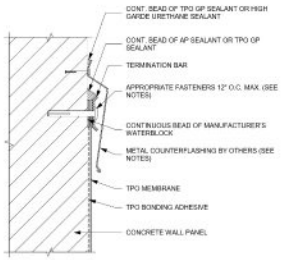
5. REFER TO MANUFACTURER'S DETAILS FOR MEMBRANE SECUREMENT AT CORNERS

6. BONDING ADHESIVE REQUIRED BETWEEN MEMBRANE AND INSULATION FOR FULLY ADHERED SYSTEMS

7. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO MANUFACTURER'S DETAILS FOR CUT EDGE SEALANT APPLICATION



D A-304 TYPICAL PARAPET BASE TIE-IN
3" = 1'-0"



NOTES:

1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.

2. WATER BLOCK APPLIED AT THE RATE OF 10 LINEAR FEET PER TUBE.

3. REGULAR MAINTENANCE OF COUNTERFLASHING AND SEALANTS REQUIRED. NOT INCLUDED AS PART OF THE MANUFACTURER'S WARRANTY.

4. METAL COUNTERFLASHING SHALL BE 24 GAUGE PRE-FINISHED STEEL OR .032 MIN ALUMINUM FORMED WITH HEMMED LOWER EDGE.

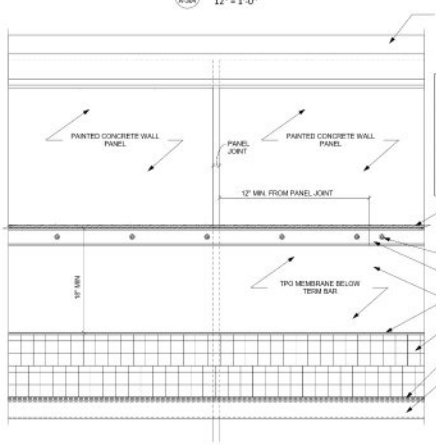
5. INSTALL TERMINATION BAR WITH 1/4" GAP BETWEEN ADJOINING SECTIONS.

6. TERMINATION BAR MUST BE CUT AT INSIDE AND OUTSIDE CORNERS. DO NOT BEND AROUND CORNERS.

7. TERMINATION BAR MUST BE FASTENED WITHIN 1" MAX. OF ALL SECTION ENDS.

8. INSTALL METAL WORK IN ACCORDANCE WITH CURRENT SMACNA RECOMMENDATIONS.

E A-304 TERMINATION AND COUNTERFLASHING DETAIL
6" = 1'-0"



NOTES:

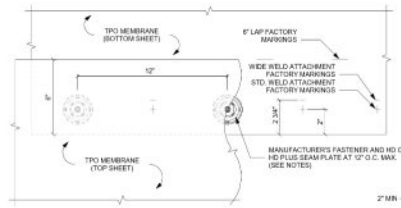
1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.

2. THE TERMINATION BAR MUST BE SECURED TO THE SUBSTRATE WITH APPROPRIATE FASTENERS. REFER TO MANUFACTURER'S DETAILS FOR APPLICATION OF WATERBLOCK AND TERMINATION BAR INSTALLATION SPECIFICATIONS.

3. IF MASONRY FASTENER IS USED, FASTENER MUST BE INSTALLED WITH SLOT HORIZONTAL

4. FIRESTONE FASTENERS 12" O.C. MAX. OR AS REQUIRED TO PROVIDE COMPRESSION ON THE TERMINATION BAR.

F A-304 TYPICAL TERMINATION BAR DETAIL AT PANEL JOINT
3" = 1'-0"



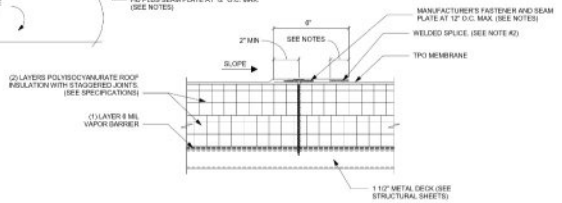
NOTES:

1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.

2. PROVIDE 1 1/2" MINIMUM LAP SPLICE WITH AUTOMATIC WELDER.

3. PROVIDE 2" MINIMUM LAP SPLICE WITH HAND WELDER.

4. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO MANUFACTURER'S DETAILS FOR CUT EDGE SEALANT APPLICATION.



G A-304 TYPICAL LAP SPLICE
3" = 1'-0"

NOTES:

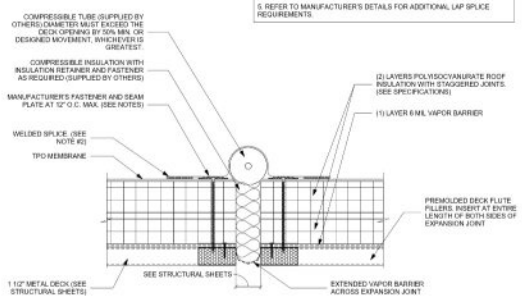
1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.

2. REFER TO MANUFACTURER'S DETAILS FOR WELD WIDTH.

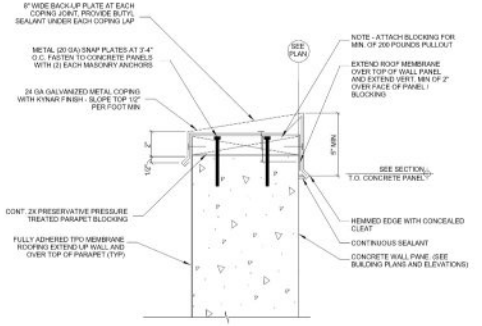
3. MAXIMUM 6" LONG FASTENERS. (NOTE - WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE FASTENER LENGTH REQUIREMENT).

4. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO MANUFACTURER'S DETAILS FOR CUT EDGE SEALANT APPLICATION.

5. REFER TO MANUFACTURER'S DETAILS FOR ADDITIONAL LAP SPLICE REQUIREMENTS.



H A-304 HORIZONTAL EXPANSION JOINT
3" = 1'-0"



J A-304 TYPICAL PARAPET DETAIL
3" = 1'-0"

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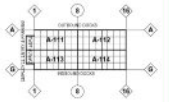
CONSULTANTS

IES Communications

Kramer Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mois

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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JOB NO.	DATE
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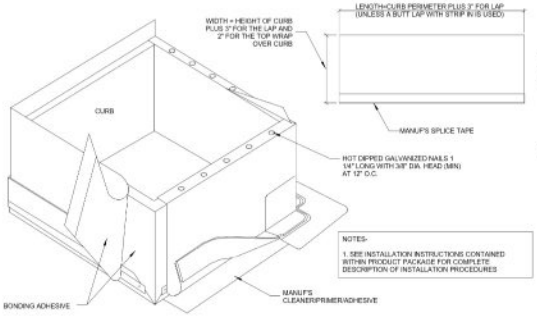
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PERMIT SET
3/5/2021

ROOF DETAILS

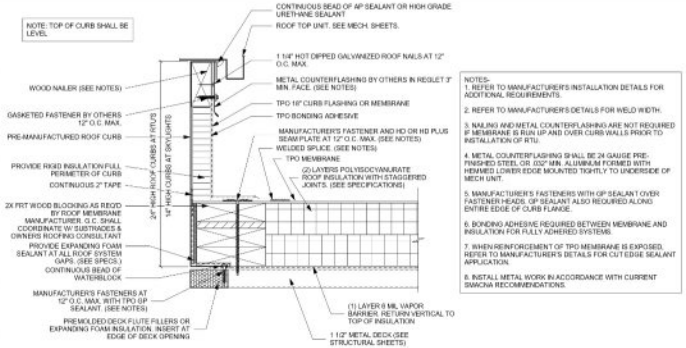
A-304



NOTES-

1. SEE INSTALLATION INSTRUCTIONS CONTAINED WITHIN PRODUCT PACKAGE FOR COMPLETE DESCRIPTION OF INSTALLATION PROCEDURES

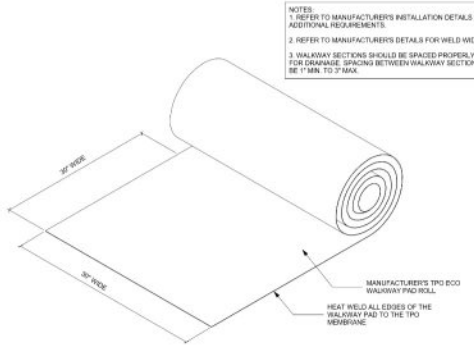
A A-305 TYPICAL CURB FLASHING DETAIL
12" = 1'-0"



NOTES-

1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.
2. REFER TO MANUFACTURER'S DETAILS FOR WELD WIDTH.
3. NAILING AND METAL COUNTERFLASHING ARE NOT REQUIRED IF MEMBRANE IS RUN UP AND OVER CURB WALLS PRIOR TO INSTALLATION OF RTU.
4. METAL COUNTERFLASHING SHALL BE 24 GAUGE PRE-FINISHED STEEL OR .032" MIN. ALUMINUM FORMED WITH HEMMED LOWER EDGE MOUNTED TIGHTLY TO UNDERSIDE OF MECH UNIT.
5. MANUFACTURER'S FASTENERS WITH GP SEALANT OVER FASTENER HEADS. GP SEALANT ALSO REQUIRED ALONG ENTIRE EDGE OF CURB FLANGE.
6. BONDING ADHESIVE REQUIRED BETWEEN MEMBRANE AND INSULATION FOR FULLY ADHERED SYSTEMS.
7. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO MANUFACTURER'S DETAILS FOR CUT EDGE SEALANT APPLICATION.
8. INSTALL METAL WORK IN ACCORDANCE WITH CURRENT SMACNA RECOMMENDATIONS.

B A305-B - TYPICAL RTU CURB FLASHING
3" = 1'-0"

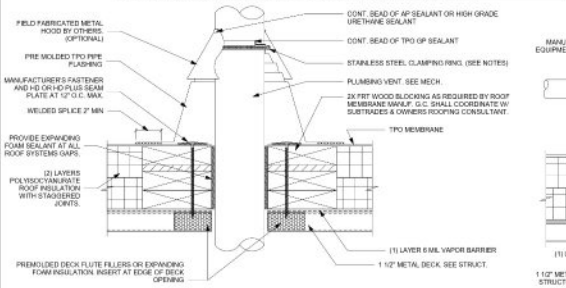


NOTES:
1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.
2. REFER TO MANUFACTURER'S DETAILS FOR WELD WIDTH.
3. WALKWAY SECTIONS SHOULD BE SPACED PROPERLY TO ALLOW FOR DRAINAGE. SPACING BETWEEN WALKWAY SECTIONS SHALL BE 1" MIN. TO 3" MAX.

C A-305 TYPICAL WALKWAY PADS
12" = 1'-0"



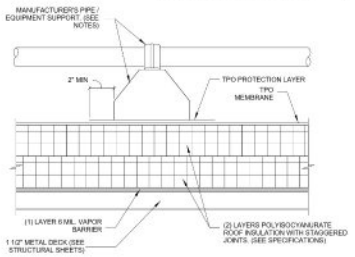
NOTES:
1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.
2. REMOVE ALL EXISTING FLASHINGS, LEADS, ETC. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
3. PIPE MUST BE ANCHORED TO ENSURE STABILIT.
4. PREMOLDED PIPE FLASHING MAY BE CUT TO HEIGHT, BUT NO LOWER THAN REINFORCING RING. (NO WRINKLES OR FOLDS UNDER CLAMPING RING)
5. APPLY GP SEALANT BETWEEN PENETRATION AND PRE-MOLDED PIPE FLASHING PRIOR TO INSTALLATION OF CLAMPING RING.
6. SMALL PRE MOLDED PIPE FLASHING FITS 1" - 3 1/2" PENETRATION SIZES.
LARGE PRE MOLDED PIPE FLASHING FITES 4" - 8" PENETRATION SIZES.
8. DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 180 DEGREES. REFER TO MANUFACTURER'S DETAILS FOR HOT PIPE PENETRATIONS.
9. MANUFACTURER'S FASTENER AND HD SEAM PLATE REQUIRED FOR MECHANICALLY ATTACHED SYSTEM ONLY. IF FASTENER CANNOT BE INSTALLED AS ILLUSTRATED, REFER TO MANUFACTURER'S WEBSITE FOR ALTERNATE DETAILS.



D A-305 TYPICAL THRU-ROOF PIPE FLASHING
3" = 1'-0"

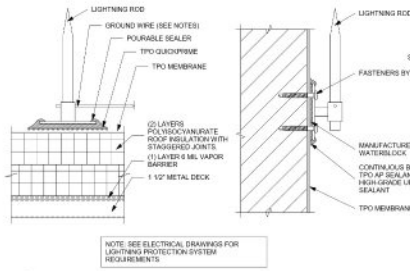
NOTES-

1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.
2. PIPE SUPPORT SHALL BE MIFAB CXP OR APPROVED EQUAL. (SEE MECHANICAL SHEETS)
3. DO NOT INSTALL SUPPORTS OVER BATTEN STRIPS, FASTENER HEADS, METAL PLATES OR FIELD SEAMS.
4. PAINT GAS LINES SAFETY YELLOW (SEE PLUMBING SHEETS AND COORDINATE W/G.C.)



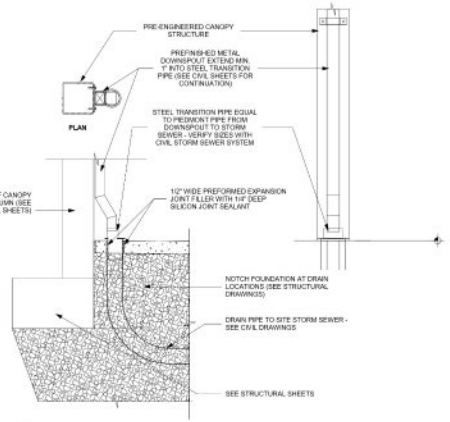
E A-305 TYPICAL ROOF PIPE-EQUIPMENT SUPPORT
3" = 1'-0"

NOTES:
1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.
2. GROUND WIRE SUPPORTS SHALL BE INSTALLED IN A SIMILAR MANNER TO LIGHTNING RODS.
3. A SUFFICIENT NUMBER OF GROUND WIRE SUPPORTS MUST BE INSTALLED TO ASSURE THAT THE GROUND WIRE DOES NOT COME IN CONTACT WITH FIELD OR FLASHING MEMBRANE.
4. IF THE GROUND WIRE COMES IN CONTACT WITH THE FIELD OR FLASHING MEMBRANE THEN AN ADDITIONAL LAYER OF TPO MEMBRANE WILL NEED TO BE INSTALLED UNDER THE GROUND WIRE TO PREVENT CONTACT WITH THE MEMBRANE.
5. BATTEN IN THE SEAM OR MECHANICALLY ATTACHED SYSTEMS REQUIRE THE GROUND WIRE TO BE PLACED PARALLEL AND WITHIN 6" OF THE BATTEN STRIP.
6. ROOF MANUFACTURER ASSUMES NO RESPONSIBILITY FOR ATTACHMENT OF LIGHTNING RODS OR DAMAGE TO THE ROOF SYSTEM BECAUSE OF FAILURE OR DETACHMENT.

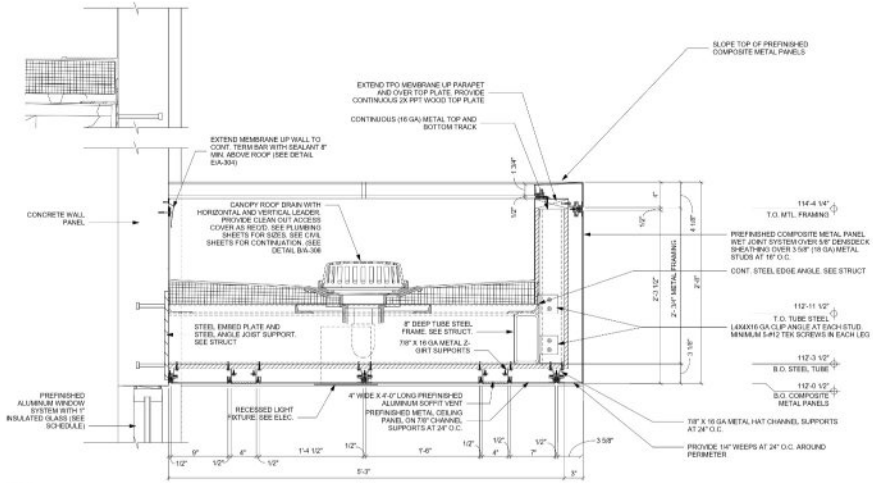


NOTE: SEE ELECTRICAL DRAWINGS FOR LIGHTNING PROTECTION SYSTEM REQUIREMENTS

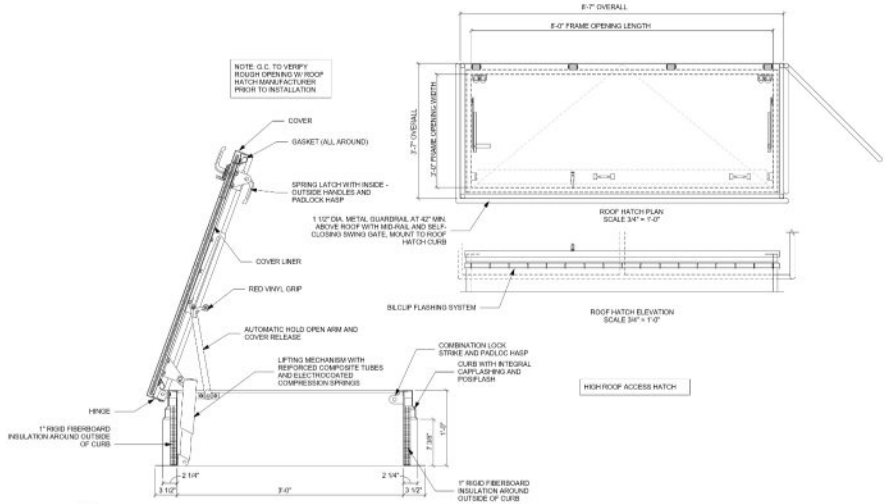
F A-305 TYPICAL LIGHTNING ROD DETAIL
3" = 1'-0"



G A-305 CANOPY DOWNSPOUT BOOT DETAIL
3/4" = 1'-0"



H A-305 ENLARGED CANOPY DETAIL
1 1/2" = 1'-0"



J A-305 ROOF HATCH DETAIL
1 1/2" = 1'-0"

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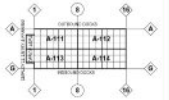
CONSULTANTS

IES Communications

Reamer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT MARK MOSS 22705 IOWA 3/3/21 TOWA

I HEREBY CERTIFY THAT PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moss

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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701088	3/5/2021

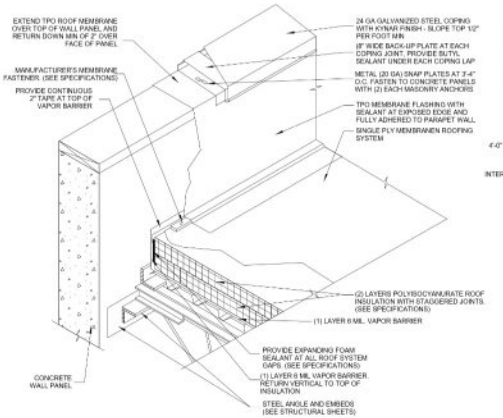
ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

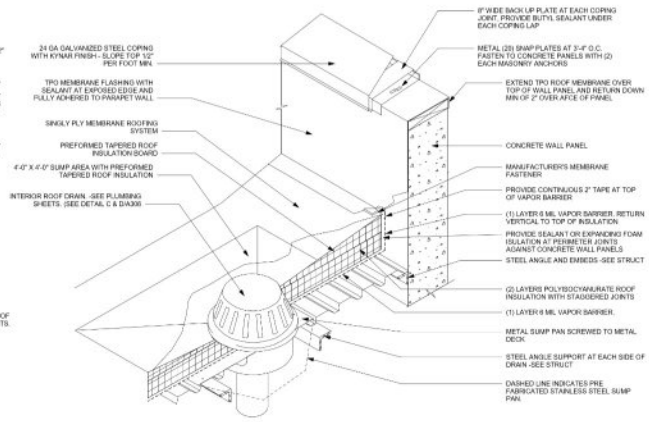
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ROOF DETAILS

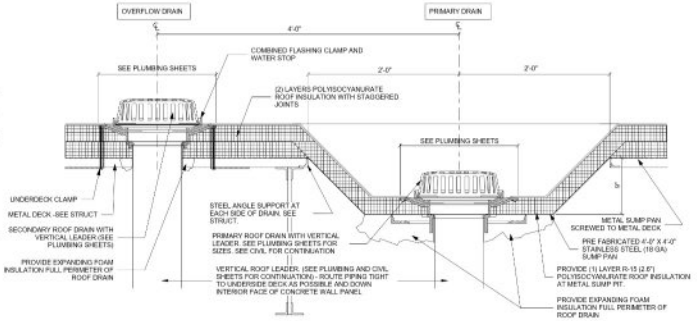
A-305



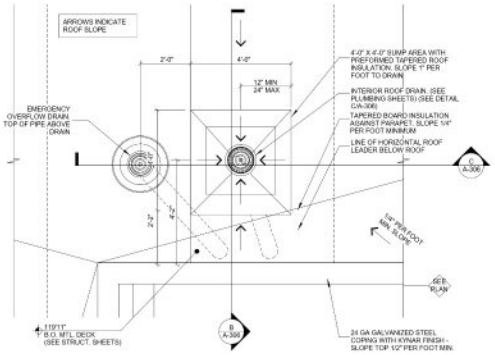
A A-306 ROOF PARAPET DETAIL
1 1/2" = 1'-0"



B A-306 SCUPPER AND ROOF DRAIN DETAIL
1 1/2" = 1'-0"

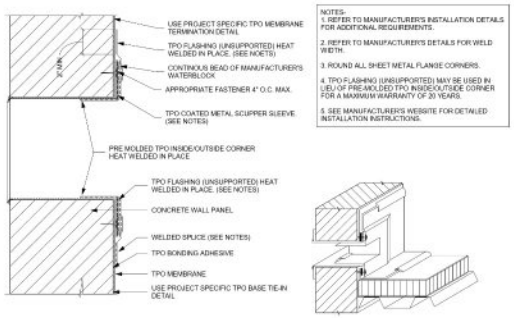


C A-306 ROOF DRAIN DETAIL
1 1/2" = 1'-0"



NOTE:
O.C. TO FIELD COORDINATE FINAL LOCATION OF ROOF DRAINS WITH VERTICAL LEADERS. LEADERS TO BE COORDINATED WITH ARCHITECTURAL FLOOR PLAN. HOLD ROOF DRAIN AS CLOSE TO BAR JOIST AS POSSIBLE

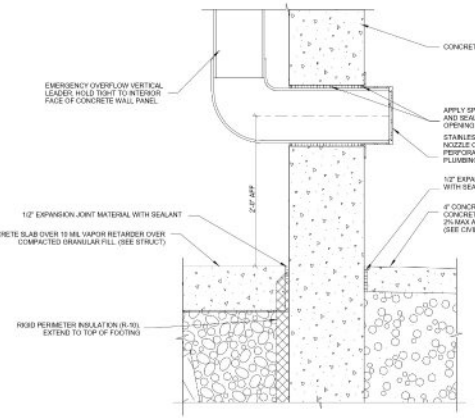
D A-306 ENLARGED ROOF DRAIN DETAIL
1/2" = 1'-0"



NOTES:
1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.
2. REFER TO MANUFACTURER'S DETAILS FOR WELD WIDTH.
3. ROUND ALL SHEET METAL FLANGE CORNERS.
4. TPO FLASHING (UNSUPPORTED) MAY BE USED IN LIEU OF PRE-MOLDED TPO INSIDE/OUTSIDE CORNER FOR A MAXIMUM WARRANTY OF 20 YEARS.
5. SEE MANUFACTURER'S WEBSITE FOR DETAILED INSTALLATION INSTRUCTIONS.

ISOMETRIC VIEW

E A-306 TYPICAL THRU-WALL OVERFLOW SCUPPER DETAIL
3" = 1'-0"



F A-306 SECONDARY ROOF DRAIN TO DAYLIGHT DETAIL
1 1/2" = 1'-0"

RYAN
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OWNER

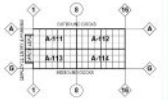
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mohs

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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JOB NO.	DATE
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ISSUE RECORD

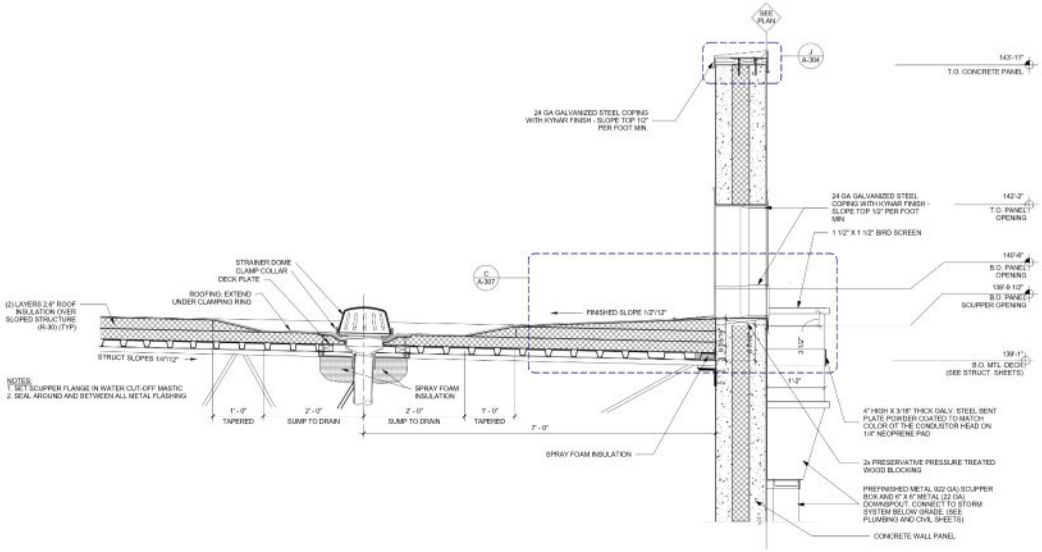
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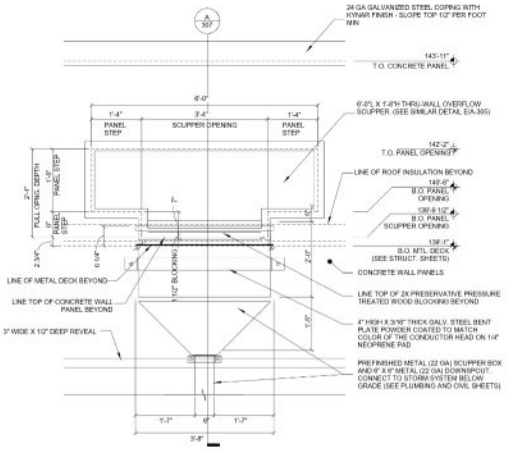
ROOF DETAILS

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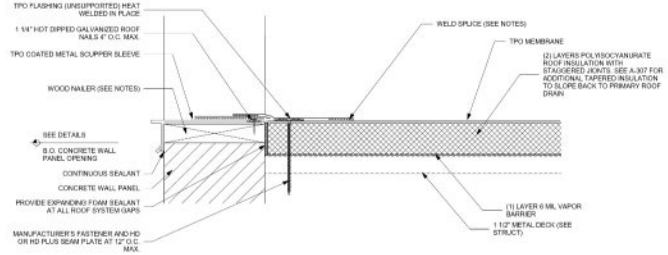


A A-307 ENLARGED OVERFLOW SCUPPER DETAIL
1" = 1'-0"

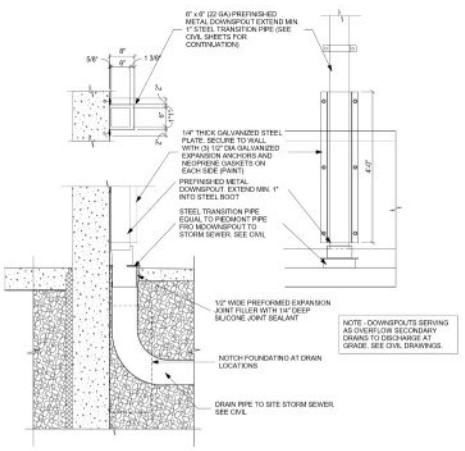


B A-307 THRU-WALL SCUPPER ELEVATION
3/4" = 1'-0"

NOTES:
1. REFER TO MANUFACTURER'S INSTALLATION DETAILS FOR ADDITIONAL REQUIREMENTS.
2. REFER TO MANUFACTURER'S DETAILS FOR WELD WIDTH.
3. ROUND ALL SHEET METAL FLANGE CORNERS.
4. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
5. TPO FLASHING (UNSUPPORTED) MAY BE USED IN LIEU OF PRE MOLDED TPO INSIDE/OUTSIDE CORNER FOR A MAXIMUM WARRANTY OF 15 YEARS.
6. FLANGE OF METAL MUST BE FULLY SUPPORTED BY WOOD AND TERMINATED AT LEAST 1/2" FROM EDGE OF WOOD.
7. SEE MANUFACTURER'S WEBSITE FOR DETAILED INSTALLATION INSTRUCTIONS.



C A-307 TYPICAL THRU-WALL SCUPPER DETAIL
3" = 1'-0"



D A-307 ENLARGED DOWNSPOUT DETAIL
3/4" = 1'-0"

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OWNER

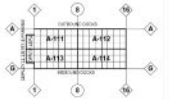
CONSULTANTS

IES Communications

Ramaker Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT E. M. MOSS 07404 IOWA 3/3/21

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moss

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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ROOF DETAILS

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EXTERIOR DOOR AND FRAME SCHEDULE

MARK	DESCRIPTION/ LOCATION (QTY)	SIZE	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	HARD-WARE / EQUIP.	FIRE RESIST. RATING	CARD READER (COUNT)	DOOR SPECIFIC NOTES
EXTERIOR DOORS															
W001	DOUBLE STOREFTON ENTRANCE DOORS (1)	(2) 3'-0" X 7'-0" X 1 3/4"	D1	ALUMINUM/ GLASS	DARK BRONZE ANODIZED	--	ALUMINUM	DARK BRONZE ANODIZED	K / A-403	L / A-403	M / A-403	1	--	1	15, ANSI COMPLIANT DOOR OPERATOR
W002	DOUBLE STOREFTON ENTRANCE DOORS (1)	(2) 3'-0" X 7'-0" X 1 3/4"	D1	ALUMINUM/ GLASS	DARK BRONZE ANODIZED	--	ALUMINUM	DARK BRONZE ANODIZED	K / A-403	L / A-403	M / A-403	2	--	--	--
W003 & W004	SINGLE STOREFTON ENTRANCE DOORS (2)	3'-0" X 7'-0" X 1 3/4"	D2	ALUMINUM/ GLASS	DARK BRONZE ANODIZED	--	ALUMINUM	DARK BRONZE ANODIZED	K / A-403	L / A-403	M / A-403	3	--	--	EXIT ONLY
W029	DOUBLE HOLLOW METAL UTILITY DOOR (1)	(2) 3'-0" X 7'-0" X 1 3/4"	D4	INSULATED HOLLOW METAL	PAINT	F2	HOLLOW METAL	PAINT	D / A-403	J / A-403	P / A-403	7	--	1	FIRE PUMP ROOM SIGN
W030	HOLLOW METAL SERVICE DOOR (1)	3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	D / A-404	J / A-404	P / A-404	4	--	--	TYPICAL WAREHOUSE EXIT ONLY
N005	SINGLE STOREFRONT ENTRANCE DOOR (1)	3'-0" X 7'-0" X 1 3/4"	D2	ALUMINUM/ GLASS	DARK BRONZE ANODIZED	--	ALUMINUM	DARK BRONZE ANODIZED	K / A-403	L / A-403	M / A-403	5A	YES (2)	--	SECURED SMOKER'S CANOPY (MAIN BREAK ROOM)
N005A	METAL MESH SWING GATE (1)	3'-0" X 7'-8" X MANUF.	D5	VINYL COATED METAL MESH	BLACK	--	VINYL COATED STEEL	BLACK	--	--	--	TI-28B	--	--	SECURED SMOKER'S CANOPY (MAIN BREAK ROOM)
N006	HOLLOW METAL SERVICE DOOR (1)	3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	D / A-404	J / A-404	P / A-404	6	--	--	TOM DOOR
N007 THRU N009	HOLLOW METAL SERVICE DOOR (3)	3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	D / A-404	J / A-404	Q / A-404	4	--	--	TYPICAL WAREHOUSE EXIT ONLY
N010	HOLLOW METAL SERVICE DOOR (1)	3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	D / A-404	J / A-404	Q / A-404	4B	--	--	TRUCKER'S ENTRY
N011 THRU N014 (U.N.O.)	HOLLOW METAL SERVICE DOOR (4)	3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	D / A-404	J / A-404	Q / A-404	4	--	--	TYPICAL WAREHOUSE EXIT ONLY
E015 THRU E017	HOLLOW METAL SERVICE DOOR (3)	3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	D / A-404	J / A-404	Q / A-404	4	--	--	TYPICAL WAREHOUSE EXIT ONLY
S018	SINGLE STOREFTON ENTRANCE DOORS (1)	3'-0" X 7'-0" X 1 3/4"	D2	ALUMINUM/ GLASS	DARK BRONZE ANODIZED	--	ALUMINUM	DARK BRONZE ANODIZED	K / A-403	L / A-403	M / A-403	5A	--	YES (2)	SECURED SMOKER'S CANOPY
S018A	METAL MESH SWING GATE (1)	3'-0" X 7'-8" X MANUF.	D5	VINYL COATED METAL MESH	BLACK	--	VINYL COATED STEEL	BLACK	--	--	--	TI-28B	--	--	SECURED SMOKER'S CANOPY (REMOTE)
S019 THRU S022 (U.N.O.)	HOLLOW METAL SERVICE DOOR (4)	3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	D / A-404	J / A-404	Q / A-404	4	--	--	TYPICAL WAREHOUSE EXIT ONLY
S023	HOLLOW METAL SERVICE DOOR (1)	3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	D / A-404	J / A-404	Q / A-404	4B	--	--	TRUCKER'S ENTRY
S024	HOLLOW METAL SERVICE DOOR (1)	3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	D / A-404	J / A-404	Q / A-404	7B	--	--	BUILDING SERVICES ROOM
S025 THRU S026	HOLLOW METAL SERVICE DOOR (2)	3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	D / A-404	J / A-404	Q / A-404	4	--	--	TYPICAL WAREHOUSE EXIT ONLY
S027	HOLLOW METAL SERVICE DOOR (1)	3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	D / A-404	J / A-404	P / A-404	5	--	--	TOM DOOR
S028	HOLLOW METAL SERVICE DOOR (1)	3'-0" X 7'-0" X 1 3/4"	D3	INSULATED HOLLOW METAL	PAINT	F1	HOLLOW METAL	PAINT	D / A-404	J / A-404	P / A-404	4D	--	--	ROOF ACCESS STAIR 'R-1'
EXTERIOR DOORS															
101 & 342	DRIVE-THRU OVERHEAD DOORS (2)	14'-0" X 16'-0" X STD	D7	INSULATED OVERHEAD DOOR	PREFINISHED WHITE	--	--	--	B / A-404	G / A-404	M / A-404		--	--	MOTOR OPERATED
102 THRU 145 (U.N.O.)	DOCK DOORS (43)	9'-0" X 10'-0" X STD	D6	INSULATED OVERHEAD DOOR	PREFINISHED WHITE	--	--	--	C / A-404	H / A-404	A / A-404	(A)	--	--	SEE FLOOR PLANS
115	TRAILER STORAGE (1)	KNOCK-OUT PANEL	--	--	--	--	--	--	--	--	--	(B)	--	--	(21) TRAILER PARKING
301 THRU 341 (U.N.O.)	DOCK DOORS (40)	9'-0" X 10'-0" X STD	D6	INSULATED OVERHEAD DOOR	PREFINISHED WHITE	--	--	--	C / A-404	H / A-404	A / A-404	(A)	--	--	SEE FLOOR PLANS
335	COMPACTOR DOOR (1)	9'-0" X 10'-0" X STD	D6	INSULATED OVERHEAD DOOR	PREFINISHED WHITE	--	--	--	C / A-404	H / A-404	N / A-404	(B)	--	--	VERIFY FINAL LOCATION

GENERAL DOOR NOTES

1. EXTERIOR ALUMINUM DOOR FRAMES TO BE PROVIDED AS PART OF THE STOREFRONT SYSTEM (TYP). PROVIDE MANUFACTURER'S STANDARD REINFORCING AT VERTICAL / HORIZONTAL MEMBERS TO MEET CODE REQUIRED LATERAL LOADS.
2. ALL EXTERIOR HOLLOW METAL DOOR FRAMES ARE TO BE GROUTED SOLID. COAT INTERIOR OF FRAME WITH 'SHERWIN WILLIAMS' - PRO-INDUSTRIAL PRO-CRYLIC' UNIVERSE ACRYLIC PRIMER PRIOR TO GROUTING.
3. PROVIDE RUST INHIBITOR COATING AND STAINLESS STEEL SCREWS/FASTENERS ON ALL HARDWARE ITEMS AT EXTERIOR DOORS PER MANUF. SPECIFICATIONS.
4. PAINT EXTERIOR SIDE OF ALL HOLLOW METAL DOOR FRAMES AND DOORS SEMI-GLOSS (P-2) (U.N.O.)
5. PAINT INTERIOR SIDE OF ALL EXTERIOR HOLLOW METAL DOORS AND FRAMES 'SEMI-GLOSS' - SAFETY RED (PT-10).
6. SEE 'DOOR HARDWARE SCHEDULE' FOR CARD READER LOCATIONS. COORDINATE DOOR HARDWARE AND HARDWARE INSTALLATION WITH SECURITY CONTRACTOR.
7. VERIFY ALL ROUGH OPENING SIZES AND REQUIREMENTS WITH DOOR MANUFACTURER.
8. ALL DOOR LOCKSETS / PASSAGE SETS SHALL BE THE LEVER HANDLE TYPE. HARDWARE SHALL BE MOUNTED NO HIGHER THAN 48" ABOVE FINISHED FLOOR (MOUNT OPERABLE PARTS OF HARDWARE BETWEEN 34" TO 48" AFF). PROVIDE LEVER HARDWARE AT ALL HANDICAPPED ACCESSIBLE DOORS PER 2017 FBC ACCESSIBILITY CODE, SECTION 309.4. FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5.0 LBS MAXIMUM.
9. LATCHES TO BE MOUNTED AT 4'-0" AFF.
10. PROVIDE SILENCERS AT ALL HOLLOW METAL DOOR FRAMES - TYP.
11. PROVIDE DOUBLE JAMB STUDS AT EACH DOOR LOCATION SET INTO METAL STUD PARTITION FRAMING.
12. PROVIDE SOLID F.R.T. WOOD BLOCKING WITHIN STUD WALL FRAMING ADJACENT TO STRIKE PLATE. BLOCKING TO EXTEND MIN. 12" ABOVE AND BELOW STRIKE PLATE.
13. AT ALL EXTERIOR DOORS (SERVICE (MAN), OVERHEAD (DOCK OR DRIVE-IN), STOREFRONT ENTRIES, ETC) - PROVIDE ELECTRICAL J-BOX AT DOOR HEAD WITH CONDUIT & PULL STRING EXTENDING TO 18" FROM UNDERSIDE OF ROOF DECK ABOVE FOR SECURITY DEVICE / CONTRACT INSTALLATION - COORDINATE W/ELECTRICAL CONTRACTOR AND SECURITY DRAWINGS.
14. ALL LOCKSETS TO BE PROVIDED WITH A REMOVABLE CONSTRUCTION CORE SUPPLIED BY HARDWARE MANUFACTURER. G.C. SHALL PROVIDE OWNER WITH PERMANENT CORES FOR MASTER KEYING AT THE COMPLETION OF THE PROJECT. TENANT WILL HIRE, AT THEIR COST, A LOCKSMITH TO PROVIDE FINAL KEYING.
15. PER 2018 IBC ACCESSIBILITY CODE, SECTION 404 - MINIMUM MANEUVERING CLEARANCE AT DOORS THAT ARE NOT AUTOMATIC OR POWER-ASSISTED / FOR FRONT APPROACHES TO PUSH SIDE OF DOORS, NOT EQUIPPED WITH LATCH AND CLOSER SHALL HAVE MANEUVERING SPACE THAT IS THE SAME WIDTH AS DOOR OPENING AND EXTENDS 48-INCHES MINIMUM PERPENDICULAR TO THE DOORWAY. AT PULL SIDE OF DOOR, 18-INCH EXTENSION BEYOND LATCH SIDE OF DOOR IS PROVIDED.
16. MAXIMUM PULL FORCES FOR EXTERIOR DOORS TO BE 8.5 LBS.
17. MAXIMUM PULL FORCES FOR INTERIOR DOORS TO BE 5.0 LBS.
18. PROVIDE 'EXIT' SIGN AT EACH EXTERIOR EGRESS DOOR WITHIN WAREHOUSE. SEE SIGN DETAIL W/AG-101.
19. AT DOORS "N010 AND "s023, PROVIDE 8" HIGH LETTERS IDENTIFYING "TRUCKERS ENTRANCE" ON EXTERIOR FACE OF DOOR (TOTAL OF 2)
20. PROVIDE 1" INSULATED GLASS LITE.
21. NO TRACK GUARDS.

DOOR HARDWARE NOTES

1. DOOR HANDSETS SHALL BE MOUNTED NO HIGHER THAN 48" AFF.
2. ALL LOCKSETS TO BE PROVIDED WITH A REMOVABLE CONSTRUCTION CORE SUPPLIED BY HARDWARE MANUF. TENANT SHALL PROVIDE & INSTALL PERMANENT CORES AT THE COMPLETION OF THE PROJECT.
3. PROVIDE 'EXIT' SIGN AT EACH EXTERIOR EGRESS DOOR WITHIN WAREHOUSE. SEE SIGN DETAIL W/AG-101.
4. SEE DETAIL WAG-101 FOR TOILET ROOM SIGN.
5. AT ROOMS SPECIFIED ON PLAN SHEETS AS AN ASSEMBLY OCCUPANCY, PROVIDE MAXIMUM OCCUPANCY SIGNS IN ACCORDANCE WITH CURRENT IBC AND / OR LOCAL ORDINANCES.
6. FOR ACCESS CONTROL DOORWAYS, REFER TO SECURITY DRAWINGS & ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION AND ROUGH-IN REQUIREMENTS. G.C. SHALL COORDINATE SCOPE OF WORK W/SUB-TRADES.
7. AT ACCESS CONTROL DOORWAYS, ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT PATHWAYS AND/OR WIREWAYS AS NECESSARY FOR HARDWARE INSTALLATION - REFER TO SECURITY DRAWINGS
8. ALL EXTERIOR OPENINGS SHALL RECEIVE SECURITY HARDWARE - REFER TO SECURITY DRAWINGS. PROVIDE CONDUIT PATHWAYS AS NOTED.
9. PROVIDE 12V ELECTRONIC LOCKSETS, U.N.O. PROVIDE POWER SUPPLY W/110V CIRCUIT AT ELECTRONIC PANIC DEVICE HARDWARE, U.N.O.
10. BUILDING DEPARTMENT NOTE= ELECTRONIC LOCKSETS ARE PROVIDED WITH MECHANICAL DEFEAT TO ALLOW EGRESS AT ANY TIME, COMPLYING WITH BUILDING CODE REQUIREMENTS. DOOR IS UNLOCKED, IN DIRECTION OF EGRESS BY ROTATING THE LEVER OR DEPRESSING THE TOUCH-BAR PANIC DEVICE.
11. NO DELAYED EGRESS LOCKS ARE USED.

DOCK EQUIPMENT SCHEDULE

(A)	7'-0" x 8'-0" 40,000 LB. CAPACITY ELECTRICALLY OPERATED HYDRAULIC DOCK LEVELER- KELLEY HK SERIES, RITE-HITE RHH SERIES OR POWERAMP LHP SERIES (2) DOCK BUMPERS - KELLEY VBR420-11F, RITE HITE V420-11 OR POWERAMP B4520-11P1 DOCK SEALS - KELLEY WSH100-WP4, RITE-HITE CLASSIC DOCK SEAL OR FAIRBORN SERIES 1400 RAIN HOOD - KELLEY AOS900, RITE HITE RF-3000 OR FAIRBORN RAIN DIVERTER SERIES 1550 4'-0" HIGH TRACK GUARDS - KELLEY SENTRY HD, RITE-HITE WARDEN TRACK GUARD OR POWERAMP TRACK GUARDS DOCK RESTRAINT WITH CONTROLS, INDICATOR LIGHTS, AND SIGNAGE - KELLEY APS-2000, RITE HITE GRH-700 OR POWERAMP TPR WITH IDOCK DOCK TRAILER FAN WITH HIGH IMPACT LED LIGHT KIT - KELLEY HV-ES, RITE-HITE COOLMAN 2800 OR POWERAMP LED LIGHT FAN/COMBO (MOUNT HANDLE AT 80" AFF) ALTERNATE - FACTORY ASSEMBLED, HARD WIRED, HEIGHT ADJUSTABLEL DOCK FAN WITH HIGH IMPACT LED LIGHT. PROVIDE 42" DOUBLE STRUT ARM. SEE SPECIFICATIONS.
(B)	(2) DOCK BUMPERS - KELLEY VBR420-11F, RITE HITE V420-11 OR POWERAMP B4520-11P1 4'-0" HIGH TRACK GUARDS - KELLEY SENTRY HD, RITE-HITE WARDEN TRACK GUARD OR POWERAMP TRACK GUARDS

CONTACT NATIONAL ACCOUNTS VENDOR -

KELLEY COMPANY, CHUCK ZIMMERMANN, CHUCKZIMMERMANN@ENTREMATIC.COM, 414.745.8477
RITE-HITE CORPORATION, JOSH MORGAN, JMORGAN@RITEHITE.COM, 253.395.7099
POWERAMP, JEF SCHLZE, JEFFSCHULZE@LOADINGDOCKSYSTEMS.COM, 800.643.5424

DOOR SPECIFIC NOTES

1. UNDERCUT DOORS 1" AT TOILET ROOMS JANITOR CLOSETS AND A/V CLOSET FOR AIR INTAKE (SEE MECHANICAL SHEETS). NO DOOR LOUVERS WILL BE ACCEPTED.
2. SEE DETAIL WAG-101 FOR TOILET ROOM SIGNS.
3. AT ROOMS SPECIFIED ON SHEET A-130 AS AN ASSEMBLY OCCUPANCY, PROVIDE MAXIMUM OCCUPANCY SIGNS TO COMPLY WITH THE MOST RECENTLY ADOPTED BUILDING CODE AT PROJECT SITE LOCATIONS.
4. PROVIDE 40" WIDE KICK PLATES.
5. SEE SECURITY DRAWINGS FOR ADDITIONAL REQUIREMENTS.
6. SEE WINDOW SYSTEM ELEVATIONS ON SHEET A-401.
7. PROVIDE SMOKE SEALS.
8. NO COAT HOOK.
9. NO SMOKE SEAL.
10. PROVIDE 30" H X (DOORS WIDTH MINUS 2") HIGH KICK PLATE ON WAREHOUSE SIDE OF DOOR.
11. PROVIDE 10" HIGH X (DOOR WIDTH MINUS 2") ON OFFICE SIDE OF DOOR.
12. PROVIDE 10" HIGH X (DOOR WIDTH MINUS 2" WIDE) KICK PLATE ON CORRIDOR SIDE OF DOOR.
13. SLIDING GATE WITH HASP LOCK
14. PROVIDE 2" UNDERCUT AT DOOR
15. PROVIDE ANSI COMPLIANT AUTOMATIC DOOR OPENER (SEE SCHEDULE).
16. PROVIDE FLOOR STOP.
17. PROVIDE 10" HIGH KICK PLATE ON EACH SIDE OF DOOR.
18. TEMPORARILY INSTALL DEMARC ROOM DOOR 3" ABOVE FINISH FLOOR, INSTALL TEMPORARY RAIN CAP, AND PROVIDE TEMPORARY 3" HIGH TRANSITION RAMP AND CURB. AFTER BUILDING IS ENCLOSED AND WEATHERTIGHT, REMOVE RAMP, CURB, AND RAIN CAP, AND REINSTALL DOOR AT FINISH FLOOR LEVEL. PATCH AND REPAIR GYPSUM BOARD PARTITION TO MAINTAIN FIRE RATED ASSEMBLY.
19. PROVIDE HEAVY WEIGHT HINGES.
20. 180 DEGREE CLOSER
21. GATE WITH HASP.
22. NO WALL STOP.
23. PROVIDE 30" H KICK PLATE ON BOTH SIDES OF DOOR.
24. SEE FENCING PLANS FOR POWER LOCATIONS AT EACH GATE LOCATION. SEE ALSO TENANT ROBOTICS STANDARD DETAILS "600-00411-GAT-X FOR ADDITIONAL INFORMATION. LATEST DRAWINGS TO BE PROVIDED BY TENANT ROBOTICS.
25. SEE ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
26. COORDINATE ALL POWER AND DATA DROPS WITH ON-SITE TENANT ROBOTICS REPRESENTATIVES.
27. INCLUDE PERMANENT CORE(S) WITH LOCKSET CYLINDER, KEYED PER TENANT'S SPECIFICATIONS. LOCKSET AND CORES SHALL BE BASED IN BASED SMALL FORMAT (SFIC) CORE SYSTEM, COMPATIBLE W/OWNER'S HARDWARE SPECIFICATIONS. FINAL CORES AND INSTALLATION AT A.R. FIELD GATES IS BY THE CONTRACTOR. PROVIDE (1) KEY PER EACH LOCKSET. ALL KEYED ALIKE.
28. SEE DETAILS Q & R/A-403 FOR LEVER PLATE DETAIL.
29. HARDWARE TO BE FAIL SAFE.

EXTERIOR DOOR AND FRAME SCHEDULE

MARK	DESCRIPTION/ LOCATION (QTY)	SIZE	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	HARD-WARE / EQUIP.	FIRE RESIST. RATING	CARD READER (COUNT)	DOOR SPECIFIC NOTES
MAIN OFFICE															
101A	MAIN ENTRY AIRLOCK	(2) 3'-6" X 7'-0" X STD	D18	ALUMINUM GLASS	DARK BRONZE	W16	ALUMINUM	DARK BRONZE ANODIZED	L / A-404	K / A-404	--	TI-32	--	--	
101B	MAIN ENTRY AIRLOCK	(2) 3'-6" X 7'-0" X STD	D18	ALUMINUM GLASS	DARK BRONZE	W16	ALUMINUM	DARK BRONZE ANODIZED	L / A-404	K / A-404	--	TI-33	--	--	
102	SHOVEL CLOSET	4'-0" X 7'-0" X 1 3/4"	D12	INSULATED HOLLOW METAL	PAINT PT-4	F4	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-9A	--	--	4, 9, 23
103A	SECURITY VESTIBULE	3'-6" X 7'-0" X 1 3/4"	D8	INSULATED HOLLOW METAL	PAINT PT-4	F6	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-1	--	YES (2)	5, 23
103B	SHOVEL CLOSET	3'-0" X 7'-0" X 1 3/4"	D8	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-1A	--	--	23
106A	BREAK ROOM	(2) 3'-6" X 7'-0" X 1 3/4"	D11	INSULATED HOLLOW METAL	PAINT PT-4	F2	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-14	--	--	3, 23
106B	CORR. TO BREAK RM.	(2) 3'-0" X 7'-0" X 1 3/4"	D16	INSULATED HOLLOW METAL	PAINT PT-4	F2	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-13B	--	--	3, 9, 23 - EMERGENCY EXIT ONLY
110	JANITOR	3'-0" X 7'-0" X 1 3/4"	D10	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-9	--	--	1, 23
111	VENDING STORAGE	4'-0" X 8'-0" X 1 3/4"	D12	INSULATED HOLLOW METAL	PAINT PT-4	F4	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-9A	--	--	4, 19, 23
114	UTILITY	3'-0" X 7'-0" X 1 3/4"	D8	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-9	--	--	23
115	NEW MOTHER'S ROOM	3'-0" X 7'-0" X 1 3/4"	D8	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-16A	--	--	10, 11
116	JANITOR	3'-0" X 7'-0" X 1 3/4"	D10	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	D / A-404	J / A-404	K / A-404	TI-9	--	--	23
123A	MULTI FAITH ROOM	3'-0" X 7'-0" X 1 3/4"	D10	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-8A	--	--	3, 10
123B	MULTI FAITH ROOM	3'-0" X 7'-0" X 1 3/4"	D14	SOLID CORE WOOD	STAIN ST-1	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-8A	--	--	3, 17
124	LOBBY	3'-0" X 7'-0" X 1 3/4"	D10	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-8A	--	--	10, 12
125	ABLUTION	3'-0" X 7'-0" X 1 3/4"	D14	SOLID CORE WOOD	STAIN ST-1	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-8A	--	--	17
126	ABLUTION	3'-0" X 7'-0" X 1 3/4"	D14	SOLID CORE WOOD	STAIN ST-1	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-8A	--	--	17
128A	OPEN OFFICE	3'-0" X 7'-0" X 1 3/4"	D9	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-7A	--	--	8, 10, 11
128B	OPEN OFFICE (EXIT ONLY)	3'-0" X 7'-0" X 1 3/4"	D8	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-5	--	--	10, 11
129	CONFERENCE ROOM	3'-0" X 7'-0" X 1 3/4"	D14	SOLID CORE WOOD	STAIN ST-1	F3	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-8	--	--	3
130	G.M. OFFICE	3'-0" X 7'-0" X 1 3/4"	D14	SOLID CORE WOOD	STAIN ST-1	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-7	--	--	--
131	IDF	3'-0" X 7'-0" X 1 3/4"	D13	SOLID CORE WOOD	STAIN ST-1	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-10	--	YES (1)	5, 17
133	OFFICE	3'-0" X 7'-0" X 1 3/4"	D14	SOLID CORE WOOD	STAIN ST-1	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-7	--	--	--
134	OFFICE	3'-0" X 7'-0" X 1 3/4"	D14	SOLID CORE WOOD	STAIN ST-1	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-7	--	--	--
135	LP OFFICE	3'-0" X 7'-0" X 1 3/4"	D14	SOLID CORE WOOD	STAIN ST-1	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-7	--	--	--
136	TRAINING	3'-0" X 7'-0" X 1 3/4"	D9	SOLID CORE WOOD	STAIN ST-1	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-4	--	--	3, 23
137	WELLNESS CENTER LOBBY	3'-6" X 7'-0" X 1 3/4"	D9	INSULATED HOLLOW METAL	PAINT PT-4	F6	HOLLOW METAL	PAINT PT-4	D / A-402	J / A-402	K / A-404	TI-6	--	--	4, 23
140	OBSERVATION	3'-0" X 7'-0" X 1 3/4"	D13	SOLID CORE WOOD	STAIN ST-1	F1	HOLLOW METAL	PAINT PT-4	B / A-402	C / A-402	--	TI-8	--	--	17
142	STORAGE	3'-0" X 7'-0" X 1 3/4"	D13	SOLID CORE WOOD	STAIN ST-1	F1	HOLLOW METAL	PAINT PT-4	B / A-402	C / A-402	--	TI-12	--	--	21
143	UNISEX TOILET	3'-0" X 7'-0" X 1 3/4"	D13	SOLID CORE WOOD	STAIN ST-1	F1	HOLLOW METAL	PAINT PT-4	B / A-402	C / A-402	--	TI-16	--	--	1, 2, 17
144	VESTIBULE	3'-0" X 7'-0" X STD	D17	ALUMINUM / GLASS	DARK BRONZE	W9	ALUMINUM	DARK BRONZE	L / A-402	K / A-402	--	TI-34	--	--	--
TRUCKER'S LOUNGE - NORTH															
201A	TRUCKER'S CAGE	3'-0" X 7'-8" X 1 3/4"	D19	CHAIN LINK GATE	GALVANIZED	--	--	--	--	--	--	TI-17	--	YES (2)	5
201B	TRUCKER'S CAGE TURNSTILE	5'-3 1/2" X 7'-5 1/4" X 4'-8"	D19	STEEL / MANUFACTURER	AZURE BLUE/MANUF.	--	--	--	--	--	--	TI-31	--	YES (2)	5
202	TRUCKER'S LOUNGE	3'-0" X 7'-0" X 1 3/4"	D9	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-18	--	--	23
203	UNISEX TOILET	3'-0" X 7'-0" X 1 3/4"	D8	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-16	--	--	1, 2, 23
204	JANITOR	3'-0" X 7'-0" X 1 3/4"	D10	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-9	--	--	1, 23
205	ELECTRICAL	3'-0" X 7'-0" X 1 3/4"	D8	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-9	--	--	23
REMOTE BREAK ROOM															
301	REMOTE BREAK ROOM	3'-0" X 7'-0" X 1 3/4"	D9	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-15	--	--	3, 23
TRUCKER'S LOUNGE - SOUTH															
401A	TRUCKER'S CAGE	3'-0" X 7'-8" X 1 3/4"	D19	CHAIN LINK GATE	GALVANIZED	--	--	--	--	--	--	TI-17	--	YES (2)	5
401B	TRUCKER'S CAGE TURNSTILE	5'-3 1/2" X 7'-5 1/4" X 4'-8"	D19	STEEL / MANUFACTURER	AZURE BLUE/MANUF.	--	--	--	--	--	--	TI-31	--	YES (2)	5
402	TRUCKER'S LOUNGE	3'-0" X 7'-0" X 1 3/4"	D9	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-18	--	--	23
403	UNISEX TOILET	3'-0" X 7'-0" X 1 3/4"	D8	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-16	--	--	1, 2, 23
404	JANITOR	3'-0" X 7'-0" X 1 3/4"	D10	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-9	--	--	1, 23
405	ELECTRICAL	3'-0" X 7'-0" X 1 3/4"	D8	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-9	--	--	23
406	UTILITY	3'-0" X 7'-0" X 1 3/4"	D8	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	A / A-402	B / A-402	--	TI-20	--	--	23
GENERAL WAREHOUSE															
503	MDF DEN	BY MANUFACTURER	--	--	--	--	--	--	--	--	--	--	--	--	5
504	DEMARC ROOM	3'-0" X 7'-0" X 1 3/4"	D8	INSULATED HOLLOW METAL	PAINT PT-4	F1	HOLLOW METAL	PAINT PT-4	E / A-404	4 / A-404	K / A-404	TI-21	60 MIN.	YES (1)	5, 18
505	IT CAGE	4'-0" X 8'-6" X STD	D20	CHAIN LINK GATE	GALVANIZED	--	--	GALVANIZED	--	--	--	TI-26A	--	YES (2)	5
506	SAFETY CAGE	3'-0" X 7'-8" X STD	D21	CHAIN LINK GATE	GALVANIZED	--	--	GALVANIZED	--	--	--	TI-26	--	--	--
507	H.R. CAGE	3'-0" X 7'-8" X STD	D21	CHAIN LINK GATE	GALVANIZED	--	--	GALVANIZED	--	--	--	TI-26	--	--	--
508	REGULATED WAST CAGE	5'-10" X 8'-0"	D22	CHAIN LINK GATE	GALVANIZED	--	--	GALVANIZED	--	--	--	--	--	--	13
509	RME CAGE	3'-0" X 7'-8" X STD	D21	CHAIN LINK GATE	GALVANIZED	--	--	GALVANIZED	--	--	--	TI-26	--	--	--
510	PARTS STORAGE / SPARES	3'-0" X 7'-8" X STD	D21	CHAIN LINK GATE	GALVANIZED	--	--	GALVANIZED	--	--	--	TI-26	--	--	--
AR CAGE															
601A	AR MAINT. CAGE (SWING GATE)	4'-0" X 7'-0" X STD	D20	CHAIN LINK GATE	GALVANIZED	--	STEEL TUBE	GALVANIZED	--	--	--	TI-25	--	YES (1)	5, 24, 25, 26, 27, 28, 29
601B	AR MAINT. CAGE (SLIDING GATE)	8'-3" X 7'-8" X STD	D22	CHAIN LINK GATE	GALVANIZED	--	STEEL TUBE	GALVANIZED	--	--	--	--	--	--	24, 27
601C	AR MAINT. CAGE (SLIDING GATE)	8'-3" X 7'-8" X STD	D22	CHAIN LINK GATE	GALVANIZED	--	STEEL TUBE	GALVANIZED	--	--	--	--	--	--	24, 27

RYAN

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OWNER

CONSULTANTS

IES Communications

Kramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN

A-111 A-112 A-113 A-114

PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moen

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DRAWN BY: MS
CHECKED BY: EM
JOB NO.: 701088
DATE: 3/5/2021

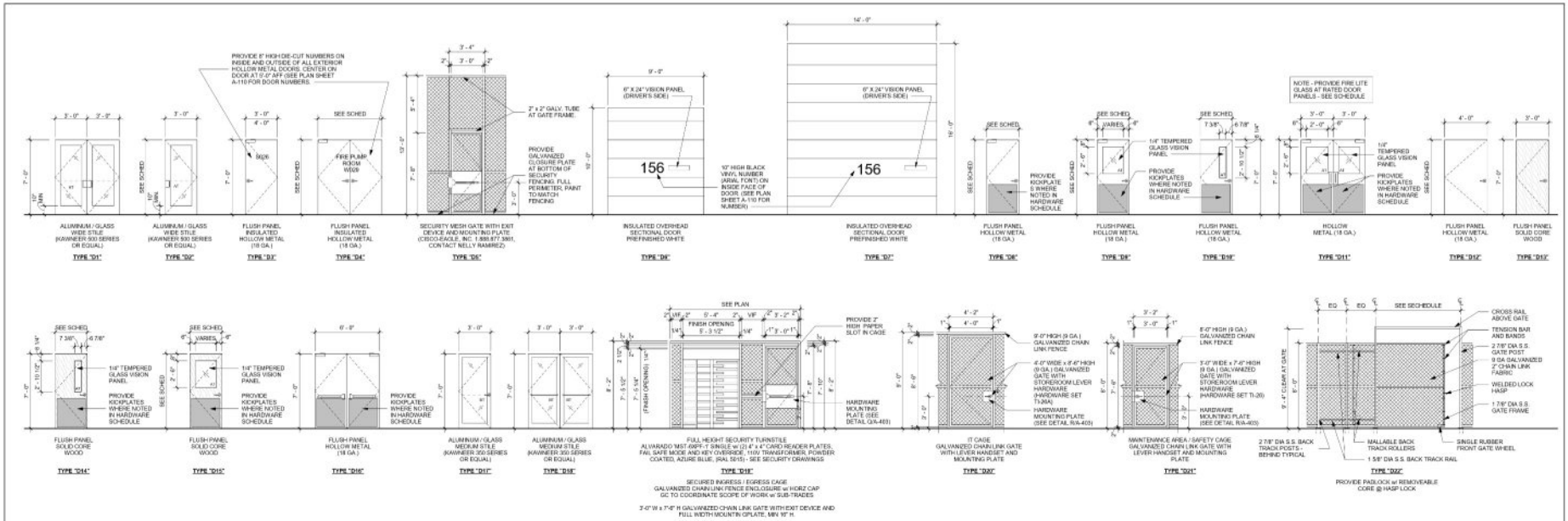
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3/5/2021

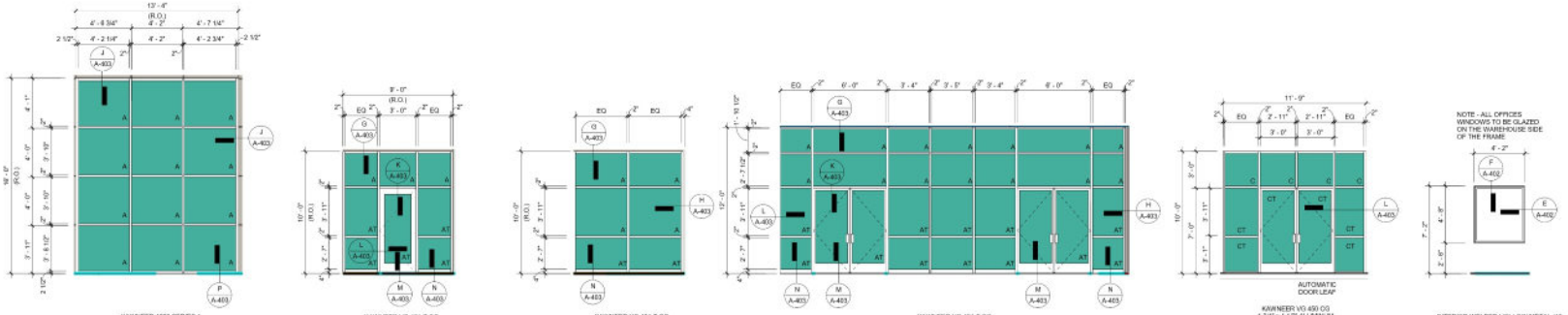
DOOR SCHEDULE AND NOTES

A-400

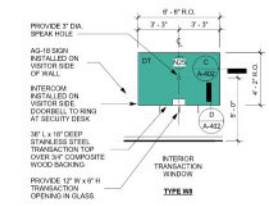
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DOOR TYPES
1/4" = 1'-0"

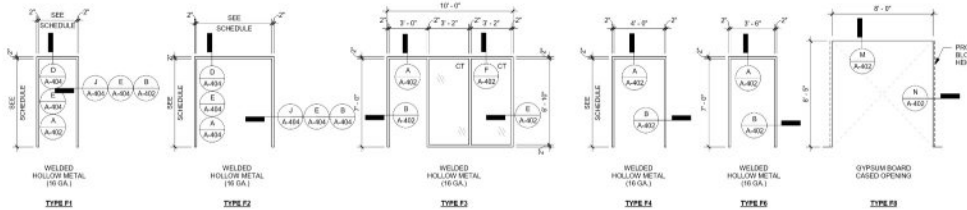


WINDOW TYPES
1/4" = 1'-0"



WINDOW TYPES (CONT'D)
1/4" = 1'-0"

FRAME TYPES
1/4" = 1'-0"



GLASS SCHEDULE

NOTE: ALL TYPES AT THIS SHEET AT TWO SIDES

NOTE: SEE SPEC FOR SPECIFIC GLAZING DETAILS

A	1" INSULATED GLASS (SEE SPECIFICATIONS) PPG SOLARBAN 60, "SOLARGRAY" TINT
AT	1" INSULATED TEMPERRED GLASS (SEE SPECIFICATIONS) PPG SOLARBAN 60, "SOLARGRAY" TINT
B	1" INSULATED SPANDREL GLASS (SEE SPECIFICATIONS) PPG SOLARBAN 60, "SOLARGRAY" TINT
BT	1" INSULATED TEMPERED SPANDREL GLASS (SEE SPEC) PPG SOLARBAN 60, "SOLARGRAY" TINT
CT	1/4" CLEAR TEMPERED GLASS
C	1/4" CLEAR GLASS
DT	1/2" CLEAR TEMPERED GLASS
E	5/16" CLEAR 'SUPERLITE' CS FIRE-RATED CERAMIC GLASS (60 MIN. RATING)
F	7/8" FILKINGTON PYTROSTOP (60 MIN RATING)

WINDOW SYSTEM NOTES

1. WINDOW SYSTEM TO BE:
   a. 2" x 4 1/2" KAWNEER TRIFAB VG 451-T CG SYSTEM
   b. 2 1/2" x 7" KAWNEER CURTAINWALL 1600 SYSTEM
   AS SCHEDULED (OR APPROVED EQUAL) WITH 1" INSULATED GLASS - DARK BROWN ANODIZED
2. SEE DOOR SCHEDULE ON SHEET A-400 FOR ALUMINUM ENTRANCE DOOR LOCATIONS AND SIZES.
3. FIELD VERIFY ALL DIMENSIONS OF UNIT OPENINGS.
4. PROVIDE 1/2" SHIM SPACE AT ALL HEAD, JAMB, AND SILL FRAME CONDITIONS.
5. PROVIDE END DAM FLASHING AND SEALANT AT SILL MEMBERS.
6. ALL PREFINISHED ALUMINUM FLASHING AND STEEL COVERS TO BE 0.40 GA MIN. COLOR TO MATCH STOREFRONT SYSTEM.
7. ALL PERIMETER ALUMINUM TO CONCRETE JOINTS TO BE SEALED WITH SILICONE SEALANT, COLOR TO MATCH STOREFRONT SYSTEM. CLEAN ALUMINUM SURFACE WITH ALCOHOL PRIOR TO SEALANT INSTALLATION.
8. PROVIDE MANUFACTURER'S STANDARD SUB-SILL PAN RECEPTOR TRACK SET IN FULL BED OF SEALANT. DO NOT SEAL OVER WINDOW SYSTEM WEEPS.
9. PROVIDE MANUFACTURER'S STANDARD STEEL BAR REINFORCING AT VERTICAL MEMBERS TO MEET CODE REQUIRED LATERAL LOADS

RYAN

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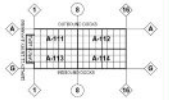
CONSULTANTS

IES Communications

Reimer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

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PRINTED OR TYPED NAME: Eric Mohs

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DRAWN BY	CHECKED BY
AM	MS, EM
JOB NO.	DATE
701088	3/5/2021

ISSUE RECORD

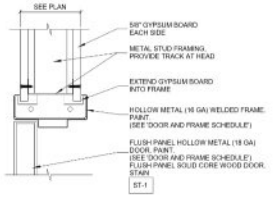
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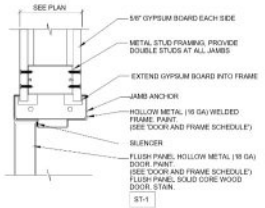
DOOR AND WINDOW ELEVATIONS

A-401

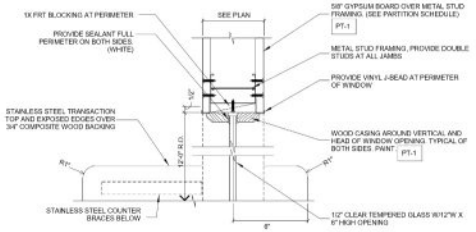
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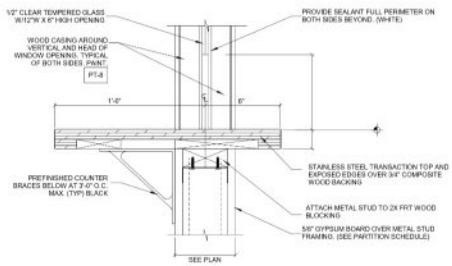
A A-402 INTERIOR DOOR HEAD
3" = 1'-0"



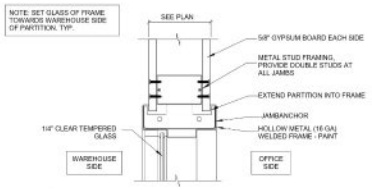
B A-402 INTERIOR DOOR JAMB
3" = 1'-0"



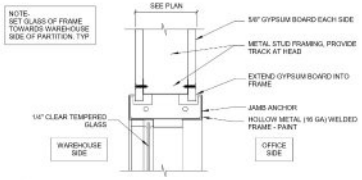
C A-402 JAMB DETAIL - SECURITY WINDOW
3" = 1'-0"



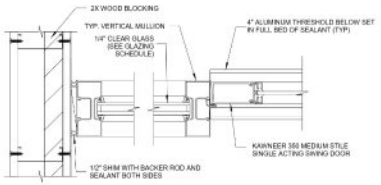
D A-402 SILL DETAIL - SECURITY WINDOW
3" = 1'-0"



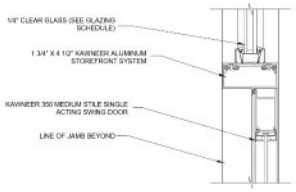
E A-402 INTERIOR WINDOW JAMB
3" = 1'-0"



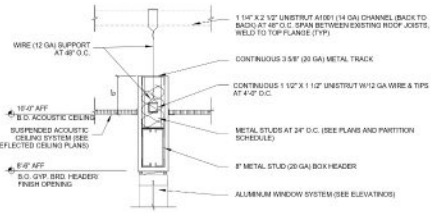
F A-402 INTERIOR WINDOW HEAD
3" = 1'-0"



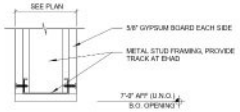
J A-402 JAMB DETAIL
3" = 1'-0"



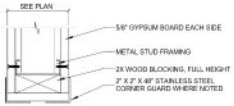
K A-402 HEAD DETAIL
3" = 1'-0"



L A-402 SOFFIT DETAIL
1 1/2" = 1'-0"



M A-402 INTERIOR CASED OPENING HEAD
3" = 1'-0"



N A-402 A402-N - INTERIOR CASED OPENING JAMB
3" = 1'-0"

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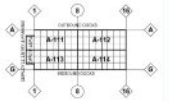
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DRAWN BY	CHECKED BY
AM, MS	MS
JOB NO.	DATE
701088	3/5/2021

ISSUE RECORD

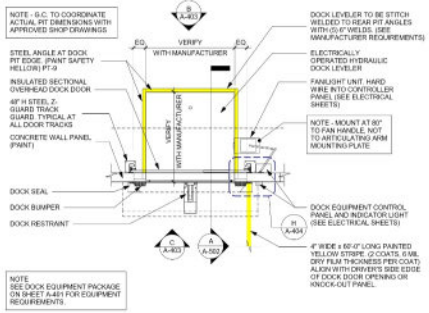
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B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

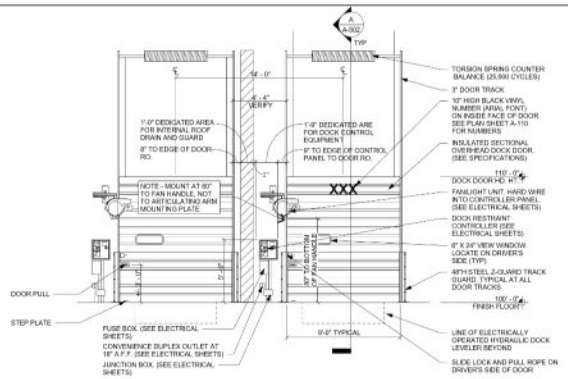
CONSTRUCTION DETAILS

A-402

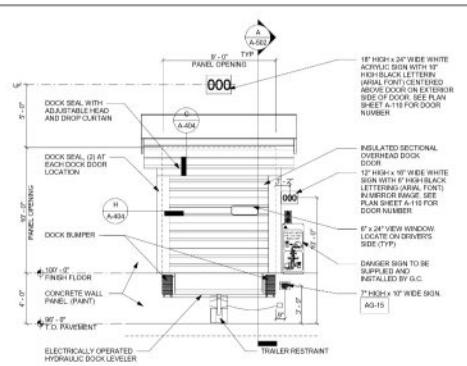
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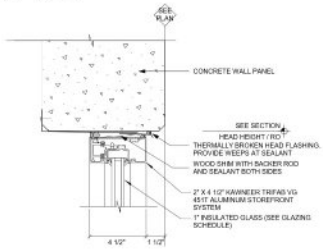
A A-403 TYPICAL DOCK LEVELER PLAN
1/4" = 1'-0"



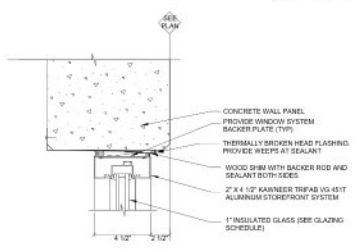
B A-403 TYPICAL DOCK ELEVATION - INTERIOR
1/4" = 1'-0"



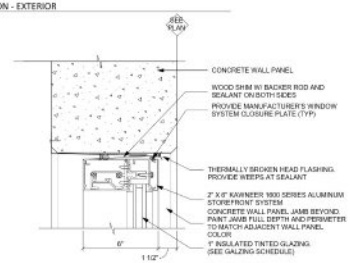
C A-403 A403-C - TYPICAL DOCK ELEVATION - EXTERIOR
1/4" = 1'-0"



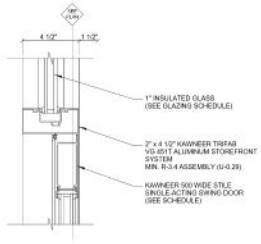
G A-403 WINDOW HEAD DETAIL
3" = 1'-0"



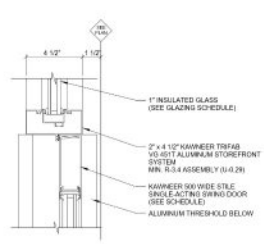
H A-403 WINDOW JAMB DETAIL
3" = 1'-0"



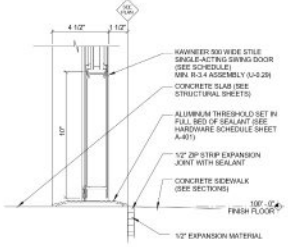
J A-403 HEAD DETAIL - CURTAINWALL
3" = 1'-0"



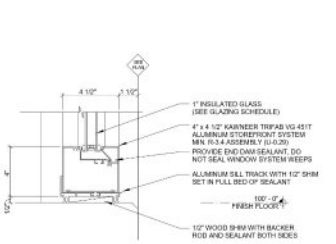
K A-403 DOOR HEAD DETAIL
3" = 1'-0"



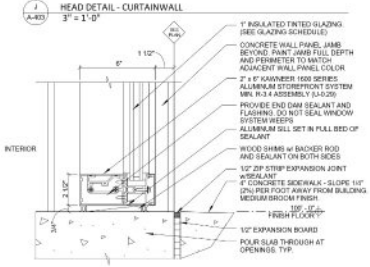
L A-403 DOOR JAMB DETAIL
3" = 1'-0"



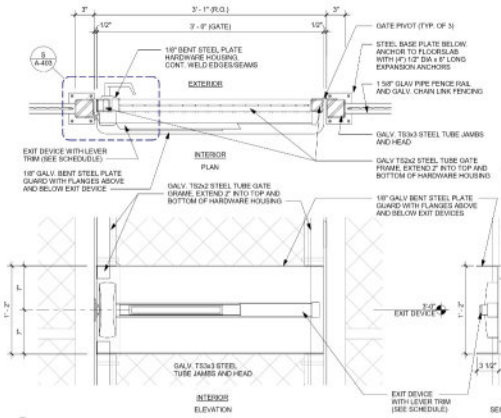
M A-403 DOOR SILL DETAIL
3" = 1'-0"



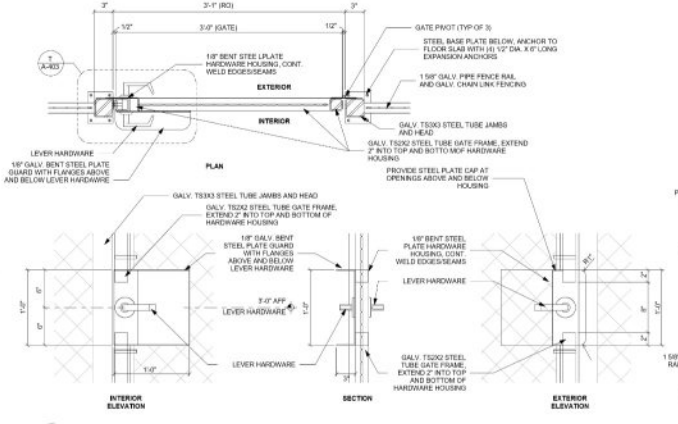
N A-403 WINDOW SILL DETAIL
3" = 1'-0"



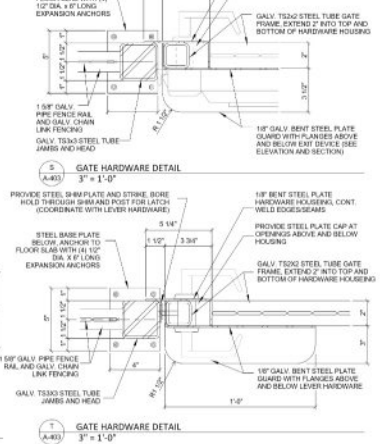
P A-403 SILL DETAIL - CURTAINWALL
3" = 1'-0"



Q A-403 GATE HARDWARE DETAIL - EXIT DEVICE
1 1/2" = 1'-0"



R A-403 GATE HARDWARE DETAIL - LEVER SET
1 1/2" = 1'-0"

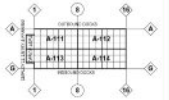


S A-403 GATE HARDWARE DETAIL
3" = 1'-0"

T A-403 GATE HARDWARE DETAIL
3" = 1'-0"

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OWNER
CONSULTANTS
IES Communications
Ericsson Consulting Engineers, P.L.L.C.
SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



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ISSUE RECORD

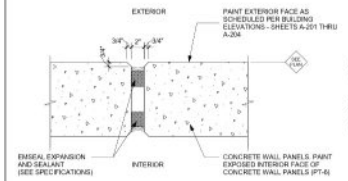
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PERMIT SET
3/5/2021

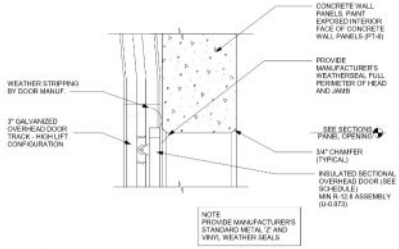
CONSTRUCTION DETAILS

A-403

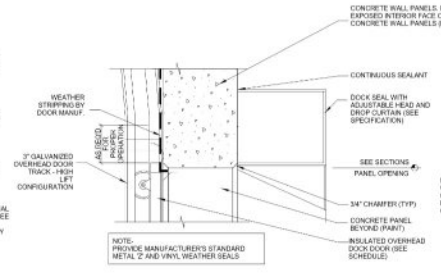
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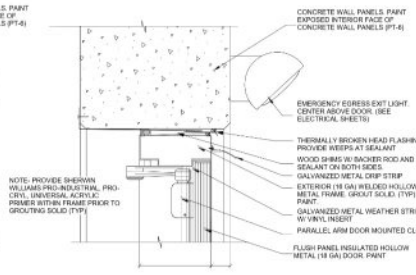
A A-404 EXPANSION JOINT DETAIL
1 1/2" = 1'-0"



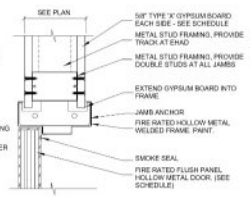
B A-404 HEAD DETAIL
1 1/2" = 1'-0"



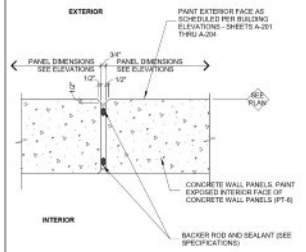
C A-404 HEAD DETAIL
1 1/2" = 1'-0"



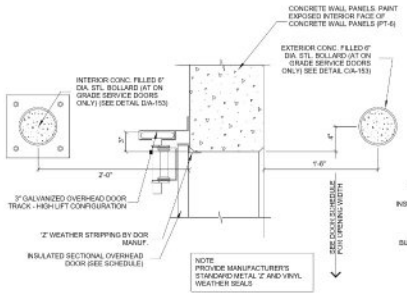
D A-404 HEAD DETAIL - SERVICE DOOR
3" = 1'-0"



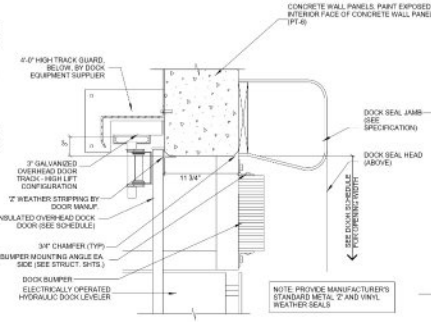
E A-404 HEAD JAMB DETAIL - HM DOOR - 1 HR RATED
3" = 1'-0"



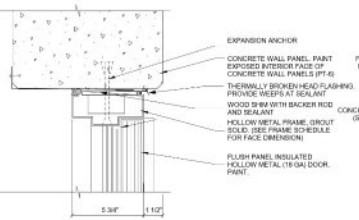
F A-404 PANEL JOINT DETAIL
1 1/2" = 1'-0"



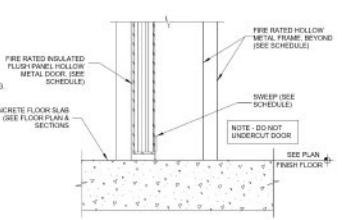
G A-404 JAMB DETAIL
1 1/2" = 1'-0"



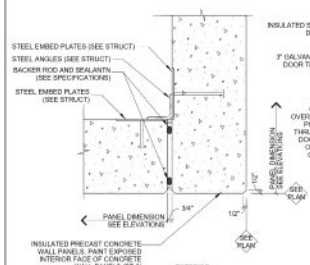
H A-404 JAMB DETAIL
1 1/2" = 1'-0"



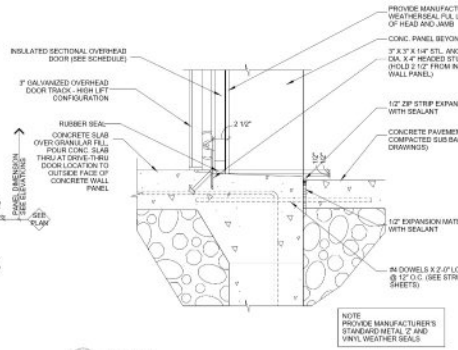
J A-404 JAMB DETAIL - SERVICE DOOR
3" = 1'-0"



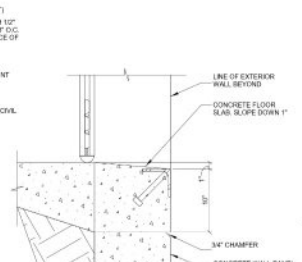
K A-404 A404-K - SILL DETAIL - SERVICE DOOR - 1 HR RATED
3" = 1'-0"



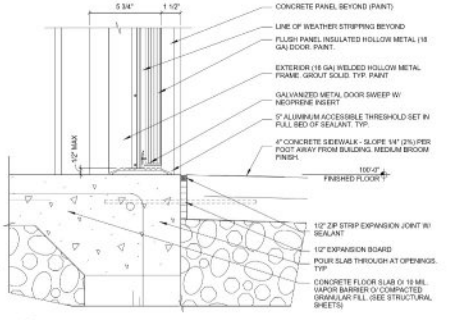
L A-404 PANEL JOINT DETAIL
1 1/2" = 1'-0"



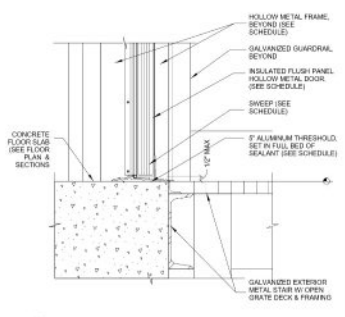
M A-404 SILL DETAIL
1 1/2" = 1'-0"



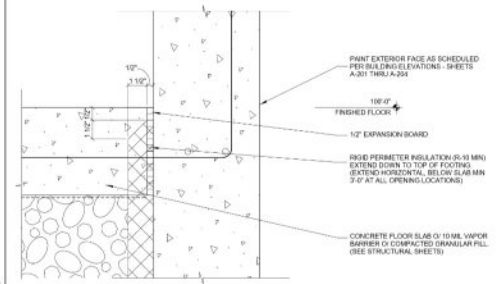
N A-404 DOCK EDGE DETAIL AT COMPACTOR
1 1/2" = 1'-0"



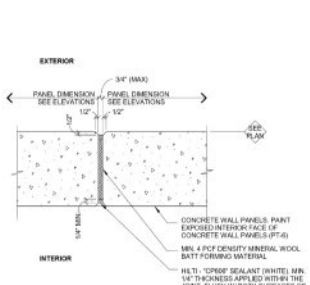
P A-404 SILL DETAIL - SERVICE DOOR
3" = 1'-0"



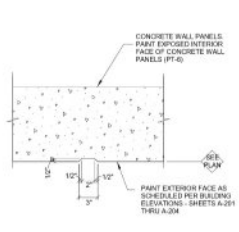
Q A-404 SILL DETAIL - SERVICE DOOR
3" = 1'-0"



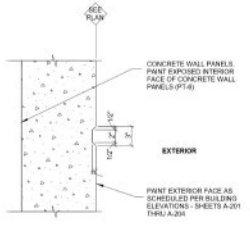
R A-404 FOUNDATION INSULATION DETAIL
3" = 1'-0"



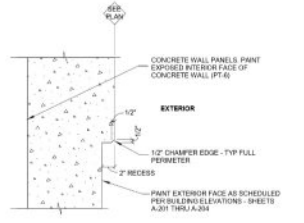
S A-404 PANEL JOINT DETAIL - 1 HR RATED
1 1/2" = 1'-0"



T A-404 TYPICAL VERTICAL REVEAL
1 1/2" = 1'-0"



U A-404 TYPICAL HORIZONTAL REVEAL
1 1/2" = 1'-0"



V A-404 TYPICAL OFFSET
1 1/2" = 1'-0"

3/3/2021 6:03:13 PM

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RYAN A+E, INC.
533 South Third Street, Suite 100
Minneapolis, MN 55415
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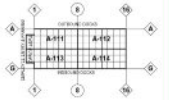
CONSULTANTS

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SHIRK & O'DONOVAN CONSULTING ENGINEERS

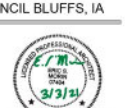
KEY PLAN



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PROJECT BERON

COUNCIL BLUFFS, IA



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PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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JOB NO.	DATE
701088	3/5/2021

ISSUE RECORD

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PERMIT SET
3/5/2021

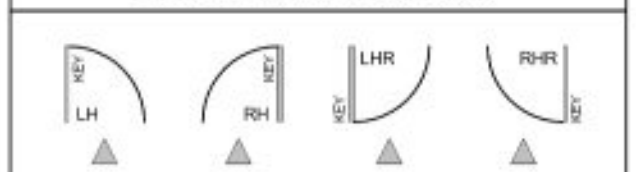
CONSTRUCTION DETAILS

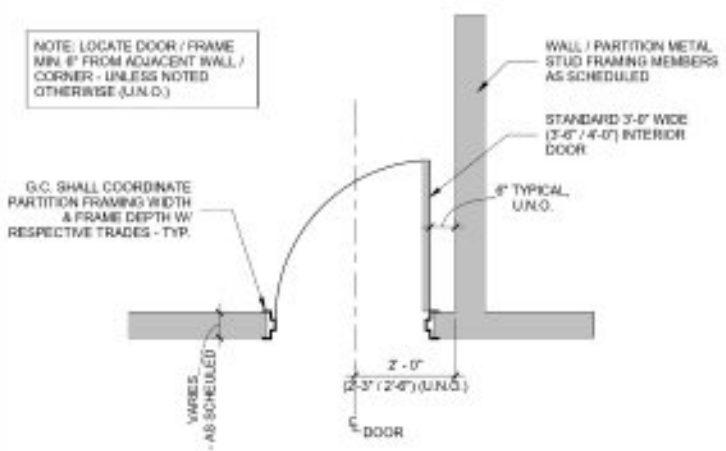
A-404

DOOR HARDWARE NOTES

1. DOOR HANDSETS SHALL BE MOUNTD NO HIGHER THAN 48" AFF.
2. ALL LOCKSETS TO BE PROVIDED WITH TEMPORARY REMOVABLE GREEN SCIF CONSTRUCTION CORES SUPPLIED BY HARDWARE MANUFACTURER OR GC. THE TENANT SHALL PROVIDE, INSTALL AND KEY PERMANENT 7-PIN SCIF CORES AT THE COMPLETION OF THE PROJECT.
3. PROVIDE "EXIT" SIGN AT EACH EXTERIOR EGRESS DOOR WITHIN WAREHOUSE. SEE SIGN DETAIL W/AG-100.
4. SEE DETAIL W/AG-100 FOR TOILET ROOM SIGN.
5. AT ROOMS SPECIFIED ON PLAN SHEETS AS AN ASSEMBLY OCCUPANCY, PROVIDE MAXIMUM OCCUPANCY SIGNS IN ACCORDANCE WITH CURRENT IBC AND / OR LOCAL ORDINANCES.
6. FOR ACCESS CONTROL DOORWAYS, REFER TO SECURITY DRAWINGS & ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION AND ROUGH-IN REQUIREMENTS. GC SHALL COORDINATE SCOPE OF WORK W/SUB-TRADES.
7. AT ACCESS CONTROL DOORWAYS, ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT PATHWAYS AND/OR WIREWAYS AS NECESSARY FOR HARDWARE INSTALLATION - REFER TO SECURITY DRAWINGS.
8. ALL EXTERIOR OPENINGS SHALL RECEIVE SECURITY HARDWARE - REFER TO SECURITY DRAWINGS. PROVIDE CONDUIT PATHWAYS AS NOTED.
9. PROVIDE 12V ELECTRONIC LOCKSETS U.N.O. (24V PANIC DEVICES WHERE NOTED W/POWER SUPPLIES.) PROVIDE POWER SUPPLY W/110V CIRCUIT AT ELECTRONIC PANIC DEVICE HARDWARE, U.N.O.
10. **BUILDING DEPARTMENT NOTE**: ELECTRONIC LOCKSETS ARE PROVIDED WITH MECHANICAL DEFEAT TO ALLOW EGRESS AT ANY TIME, COMPLYING WITH IBC REQUIREMENTS. DOOR IS ALWAYS UNLOCKED, IN DIRECTION OF EGRESS BY ROTATING THE LEVER OR DEPRESSING THE TOUCH-BAR PANIC DEVICE.
11. WHERE DOOR OPERATORS ARE SCHEDULED, PROVIDE 110V POWER CIRCUIT AND CONDUIT PATHWAY ROUGH-INS FOR CONTROLS.

DOOR HANDING DIAGRAM





A / A-405 TYP. INTERIOR DOOR FRAMING
1/2" = 1'-0"

EXTERIOR BUILDING DOOR HARDWARE SCHEDULE

NOTE: NOT ALL HARDWARE SETS MAY BE USED AT THIS SPECIFIC PROJECT LOCATION

HARDWARE SET #1 — **MAIN EMPLOYEE ENTRY AND RECRUIT OFFICE ENTRY WITH AUTO OPERATOR** — ALUMINUM STOREFRONT DOUBLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIC LATCH RETRACTION, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	CONTINUOUS HINGE W/CUTOUT	PEMKO	FM SLF-HDI PT	VERIFY
2	PERMANENT KEYED CORE	--	BY OTHERS	VERIFY
1	CONCEALED VERTICAL ROD EXIT (ELR, RX, NL, PULL)	SARGENT	55 56 70 AD8610 106 X 862	VERIFY
1	CONCEALED VERTICAL ROD EXIT (ELR, RX, PULL)	SARGENT	55 56 AD8610 862	VERIFY
2	EPT	SECURITRON	EL-CEPT	US26D
1	CYLINDER	SARGENT	70 43 (KEY SWITCH)	VERIFY
1	OPERATOR DOOR SWITCH	NORTON	502 (VERIFY)	--
1	DOOR CLOSER	NORTON	UNU7500	VERIFY
1	AUTO DOOR OPERATOR	NORTON	6061	VERIFY
1	THRESHOLD	--	BY DOOR MANUFACTURER	--
1	SET WEATHERSTRIP	--	BY DOOR MANUFACTURER	--
2	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	--
2	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	--
1	KEYSWITCH	SECURITRON	MKA (FOR AUTO OPERATOR)	--
1	SWITCH POST	NORTON	500 (INCLUDES SWITCH)	--
1	POWER SUPPLY	SECURITRON	AQD W/BDS & RELAYS AS REQ'D	--
2	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--
1	CARD READER	--	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	--

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READER AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. WIDE STILES AND TOP RAIL REQUIRED. EPT PREP TO BE COORDINATED BY ALUMINUM STOREFRONT MANUFACTURER. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. LOCAL POWER SUPPLY IS REQUIRED. DOOR HARDWARE INSTALLER SHALL INSTALL POWER SUPPLY IN CONCEALED LOCATION NEAR BY TO THE DOOR IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS. PROVIDE POWER TO DOOR OPERATOR AND COORDINATE ROUGH-IN REQUIREMENTS WITH E.C. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #2 — **MAIN EMPLOYEE ENTRY** — ALUMINUM STOREFRONT DOUBLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIC LATCH RETRACTION, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	CONTINUOUS HINGE W/CUTOUT	PEMKO	FM SLF-HDI PT	VERIFY
1	THRESHOLD	--	BY DOOR MANUFACTURER	--
1	SET WEATHERSTRIP	--	BY DOOR MANUFACTURER	--
1	PERMANENT KEYED CORE	--	BY OTHERS	--
1	CONCEALED VERTICAL ROD EXIT (ELR, RX, NL, PULL)	SARGENT	55 56 70 AD8610 106 X 862	VERIFY
1	CONCEALED VERTICAL ROD EXIT (ELR, RX, PULL)	SARGENT	55 56 AD8610 862	VERIFY
2	EPT	SECURITRON	EL-CEPT	US26D
2	DOOR CLOSER (TOP JAMB)	NORTON	UNU7500	VERIFY
2	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	--
2	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	--
1	POWER SUPPLY	SECURITRON	AQD W/BDS & RELAYS AS REQ'D	--
2	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--
1	CARD READER	--	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	--

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. (CARD READER, NOT REQUIRED AT EVERY DOOR, SEE SECURITY DRAWINGS FOR REQUIREMENTS). ALWAYS FREE EGRESS. CARD READER AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. WIDE STILES AND TOP RAIL REQUIRED. EPT PREP TO BE COORDINATED BY ALUMINUM STOREFRONT MANUFACTURER. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. LOCAL POWER SUPPLY IS REQUIRED. DOOR HARDWARE INSTALLER SHALL INSTALL POWER SUPPLY IN CONCEALED LOCATION NEAR BY TO THE DOOR IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS. PROVIDE POWER TO DOOR OPERATOR AND COORDINATE ROUGH-IN REQUIREMENTS WITH E.C. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #2A — EMERGENCY EXIT ONLY — ALUMINUM STOREFRONT DOUBLE DOOR

FUNCTION: NO OUTSIDE OPERATION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	CONTINUOUS HINGE W/CUTOUT	PEMKO	FM SLF-HDI PT	VERIFY
1	THRESHOLD	--	BY DOOR MANUFACTURER	--
1	SET WEATHERSTRIP	--	BY DOOR MANUFACTURER	--
2	DROP PLATE	NORTON	7788	--
2	CONCEALED VERTICAL ROD (EO)	SARGENT	AD8610 EO	VERIFY
2	DOOR CLOSER (STOP)	NORTON	CPS7500	VERIFY
2	BLADE STOP SPACER	NORTON	6190/6191 AS REQ'D	VERIFY
1	SIGN BY OWNER	--	"EMERGENCY EXIT ONLY"	--
2	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--

NOTE: EXIT ONLY. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. PROVIDE POWER TO DOOR OPERATOR AND COORDINATE ROUGH-IN REQUIREMENTS WITH E.C. PROVIDE TESTED AND APPROVED AHRDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #2B — EMERGENCY EXIT WITH KEYED ENTRY — ALUMINUM STOREFRONT DOUBLE DOOR

FUNCTION: EXTERIOR PULL, STOREFRONT SYSTEM

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	CONTINUOUS HINGE W/CUTOUT	PEMKO	FM SLF-HDI PT	VERIFY
1	THRESHOLD	--	BY DOOR MANUFACTURER	--
1	SET WEATHERSTRIP	--	BY DOOR MANUFACTURER	--
1	PERMANENT KEYED CORE	--	BY OTHERS	--
1	CONCEALED VERTICAL ROD EXIT (NL PULL)	SARGENT	70 AD8610 106 X 862	VERIFY
1	CONCEALED VERTICAL ROD EXIT (PULL)	SARGENT	AD8610 862	VERIFY
2	DOOR CLOSER (TOP JAMB)	NORTON	UNU7500	VERIFY
1	SIGN BY OWNER	--	"EMERGENCY EXIT ONLY"	--
2	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--

NOTE: KEYED ENTRY ON ONE LEAF ONLY. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTITUTION CODES.

HARDWARE SET #2C — MAIN EMPLOYEE ENTRY (ELECTRIFIED TRIM) — ALUMINUM STOREFRONT DOUBLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIFIED TRIM EXIT DEVICE, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	CONTINUOUS HINGE W/CUTOUT	PEMKO	FM SLF-HDI PT	VERIFY
1	PERMANENT KEYED CORE	--	BY OTHERS	--
1	EXIT DEVICE TRIM (NL)	SARGENT	70 106	VERIFY
1	CONCEALED VERTICAL ROD EXIT DEVICE (ELEC LEVER, RX)	SARGENT	55 AD8674-12V ETP	VERIFY
2	EPT	SECURITRON	EL-CEPT	US26D
2	DOOR CLOSER (TOP JAMB)	NORTON	UNU7500	VERIFY
2	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	--
2	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	--
1	POWER SUPPLY	SECURITRON	AQD W/BDS & RELAYS AS REQ'D	--
2	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--
1	CARD READER	--	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	--

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. (CARD READER, NOT REQUIRED AT EVERY DOOR, SEE SECURITY DRAWINGS FOR REQUIREMENTS). ALWAYS FREE EGRESS. CARD READER AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. WIDE STILES AND TOP RAIL REQUIRED. EPT PREP TO BE COORDINATED BY ALUMINUM STOREFRONT MANUFACTURER. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. LOCAL POWER SUPPLY IS NOT ERQUIRED. SECURITY CONTRACTOR SHALL PROVIDE LOCK POWER AND MAKE FINAL CONNECTIONS AT THE CONCEALED POWER TRANSFER. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #2D — MAIN EMPLOYEE ENTRY — ALUMINUM STOREFRONT DOUBLE DOOR

FUNCTION: EXTERIOR PULL, CLASSROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	CONTINUOUS HINGE W/CUTOUT	PEMKO	FM SLF-HDI PT	VERIFY
1	PERMANENT KEYED CORE	--	BY OTHERS	--
1	THRESHOLD	--	BY DOOR MANUFACTURER	--
1	SET WEATHERSTRIP	--	BY DOOR MANUFACTURER	--
1	CONCEALED VERTICAL ROD EXIT DEVICE (NL PULL)	SARGENT	70 AD8610 106 X 862	VERIFY
1	CONCEALED VERTICAL ROD EXIT DEVICE (PULL)	SARGENT	AD8610 862	VERIFY
2	DOOR CLOSER (TOP JAMB)	NORTON	UNU7500	VERIFY
2	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--

NOTE: STOREROOM FUNCTION EXIT DEVICE. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #2E — MAIN ASSOCIATE ENTRY - DOUBLE DOOR WITH MULLION & OPERATOR — HOLLOW METAL DOOR / ALUM. DOORS ACCESS CONTROLLED

FUNCTION: ELECTRIC LATCH RETRACTION X ELECTRIFIED EXIT DEVICE TRIM

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	CONTINUOUS HINGE W/CUTOUT	PEMKO	FM SLF-HDI PT	VERIFY
4	PERMANENT KEYED CORE	--	BY OTHERS	--
1	RIM EXIT DEVICE (ELR, RX, CLSRM)	SARGENT	55 56 70 8813 ETP	VERIFY
1	RIM EXIT DEVICE (ELEC LEVER, RX)	SARGENT	55 70 8876-12V ETP	VERIFY
1	REMOVABLE LOCKABLE MULLION	SARGENT	L980S	--
1	MULLION CYLINDER KIT	SARGENT	70 980C1	--
1	MULLION SEAL	PEMKO	5110BL	--
1	MORTISE CYLINDER	SARGENT	70 43 (KEY SWITCH)	VERIFY
1	AUTOMATIC DOOR OPERATOR	NORTON	6061	VERIFY
1	KEYSWITCH	SECURITRON	MKA (FOR AUTO OPERATOR)	--
1	SWITCH POST	NORTON	500	--
1	THRESHOLD	--	BY DOOR MANUFACTURER	--
1	SET WEATHERSTRIP	--	BY DOOR MANUFACTURER	--
2	EPT	SECURITRON	EL-CEPT	US26D
1	DOOR CLOSER (TOP JAMB)	NORTON	UNU7500	VERIFY
1	DOOR OPERATOR SWITCH	NORTON	502 - VERIFY	--
2	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	--
2	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	--
1	POWER SUPPLY	SECURITRON	AQD W/BDS & RELAYS AS REQ'D	--
2	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--
1	CARD READER	--	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	--

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READER AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. EPT PREP TO BE COORDINATED BY ALUMINUM STOREFRONT MANUFACTURER. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. LOCAL POWER SUPPLY IS REQUIRED. DOOR HARDWARE INSTALLER SHALL INSTALL POWER SUPPLY IN CONCEALED LOCATION NEAR BY TO THE DOOR IN ACCORDANCE WITH MANUFACURER SPECIFICATIONS. PROVIDE TESTED AND APPROVED HADRARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #2F — MAIN ASSOCIATE ENTRY - DOUBLE DOOR WITH MULLION — HOLLOW METAL DOOR ACCESS CONTROLLED

FUNCTION: RIM TYPE DEVICES WITH ELECTRIFIED TRIM

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
4	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3386 NRP	US32D
2	ELECTRIC HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3386 QC8	US32D
1	REMOVABLE LOCKABLE MULLION	SARGENT	L980S	PC
1	MULLION CYLINDER KIT	SARGENT	70 980C1	US26D
1	MULLION SEAL	PEMKO	5110BL	--
1	THRESHOLD	PEMKO	273X3AFG	--
1	GASKETING (HEAD)	PEMKO	2891AV	--
2	GASKETING (JAMBS)	PEMKO	2891AV	--
2	DOOR BOTTOM	PEMKO	216BDCFG	--
2	MEETING STILE SEAL	PEMKO	303AV	--
2	RIM EXIT DEVICE (ELEC LEVER, RX)	SARGENT	55 70 8876F-12V ETP	US32D
3	PERMANENT KEYED CORE	--	BY OTHERS	626
2	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE - PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
2	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	--
2	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	--
1	POWER SUPPLY	--	POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR	--
2	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--
1	CARD READER	--	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	--

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD ERADER, POWER SUPPLY, AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #3 — **EMERGENCY EXIT ONLY** — ALUMINUM STOREFRONT SINGLE DOOR

FUNCTION: NO EXTERIOR TRIM OR OUTSIDE OPERATION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	CONTINUOUS HINGE	PEMKO	FM SLF-HD1	VERIFY
1	THRESHOLD	--	BY DOOR MANUFACTURER	--
1	SET WEATHERSTRIP	--	BY DOOR MANUFACTURER	--
1	RIM EXIT DEVICE, EXIT ONLY	SARGENT	8810 EO	VERIFY
1	DOOR CLOSER	NORTON	UNI7500	VERIFY
1	DROP PLATE	NORTON	7788	VERIFY
1	BLADE STOP SPACER	NORTON	6190/6191 AS REQ'D	VERIFY
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--
1	SIGN BY OWNER	--	"EMERGENCY EXIT ONLY"	--

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD ERADER, POWER SUPPLY, AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #3A — EMERGENCY EXIT WITH KEYED ENTRY — ALUMINUM STOREFRONT SINGLE DOOR

FUNCTION: EXTERIOR PULL, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	CONTINUOUS HINGE	PEMKO	FM SLF-HD1	VERIFY
1	THRESHOLD	--	BY DOOR MANUFACTURER	--
1	SET WEATHERSTRIP	--	BY DOOR MANUFACTURER	--
1	PERMANENT KEYED CORE	--	BY OTHERS	--
1	RIM EXIT DEVICE (STORE, PULL)	SARGENT	70 8804 862	VERIFY
1	DOOR CLOSER	NORTON	UNI7500	VERIFY
1	DROP PLATE	NORTON	7788	VERIFY
1	BLADE STOP SPACER	NORTON	6190/6191 AS REQ'D	VERIFY
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--
1	SIGN BY OWNER	--	"EMERGENCY EXIT ONLY"	--

NOTE: KEYED ENTRY FROM EXTERIOR. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #3B — TRUCKER'S (DRIVER'S) LOUNGE AND SMOKER'S CANOPY — ALUMINUM STOREFRONT SINGLE DOOR

FUNCTION: EXTERIOR PULL, CLASSROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	CONTINUOUS HINGE	PEMKO	FM SLF-HD1	VERIFY
1	PERMANENT KEYED CORE	--	BY OTHERS	--
1	THRESHOLD	--	BY DOOR MANUFACTURER	--
1	SET WEATHERSTRIP	--	BY DOOR MANUFACTURER	--
1	RIM EXIT DEVICE (CLSRM, LEVER)	SARGENT	70 8813 ETP	VERIFY
1	DOOR CLOSER	NORTON	UNI7500	VERIFY
1	DROP PLATE	NORTON	7788	VERIFY
1	BLADE STOP SPACER	NORTON	6190/6191 AS REQ'D	VERIFY
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--

NOTE: CLASSROM FUNCTION EXIT DEVICE. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. HW SET 3B SHALL ALSO BE PROVIDED FOR SMOKERS CANOPY ENTRANCE DOORS THAT WILL NOT REQUIRE ELECTRONIC ACCESS CONTROLS. CONFIRM REQUIREMENTS WITH SECURITY DESIGNER. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #3C — AMZL MAIN ASSOCIATE ENTRY — ALUMINUM STOREFRONT SINGLE DOOR

FUNCTION: EXTERIOR PULL, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	CONTINUOUS HINGE	PEMKO	FM SLF-HD1	VERIFY
1	PERMANENT KEYED CORE	--	BY OTHERS	--
1	THRESHOLD	--	BY DOOR MANUFACTURER	--
1	SET WEATHERSTRIP	--	BY DOOR MANUFACTURER	--
1	RIM EXIT DEVICE (STORE, LEVER)	SARGENT	70 8813 ETP	VERIFY
1	DOOR CLOSER	NORTON	UNI7500	VERIFY
1	DROP PLATE	NORTON	7788	VERIFY
1	BLADE STOP SPACER	NORTON	6190/6191 AS REQ'D	VERIFY
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--

NOTE: STOREROOM FUNCTION EXIT DEVICE. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. HARDWARE SET 3C SHALL ALSO BE PROVIDED FOR AMZL MAIN ASSOCIATE ENTRY DOORS THAT WILL NOT REQUIRE ELECTRONIC ACCESS CONTROLS. CONFIRM REQUIREMENTS WITH SECURITY DESIGNER. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #4 — **EMERGENCY EXIT ONLY (SINGLE HOLLOW METAL)** — SHELL EXTERIOR DOOR, EXIT ONLY

FUNCTION: NO EXTERIOR TRIM OR OUTSIDE OPERATION (EGRESS EXIT DEVICE ONLY)

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY DUTY)	MCKINNEY	T4A3386 NRP	US32D
1	RIM EXIT DEVICE (EXIT ONLY)	SARGENT	8810 EO	US32D
1	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	THRESHOLD	--	BY DOOR MANUFACTURER	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2891AV	--
2	GASKETING (JAMBS)	PEMKO	2891AV	--
1	DOOR BOTTOM	PEMKO	216BDCFG	--
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--

NOTE: EXIT DEVICE DOES NOT INCLUDE EXTERIOR TRIM. CONFIRM IF COMPLIANT WITH LOCAL CODE, OTHERWISE EQUIP WITH HW SET 4D. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #4A — NON-FULFILLMENT BUSINESS UNIT — EMERGENCY EXIT, STAND ALONG BATTERY ALARM (HM SINGLE)

FUNCTION: EXTERIOR PULL, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY DUTY)	MCKINNEY	T4A3386 NRP	US32D
2	PERMANENT KEYED CORE	--	BY OTHERS	626
1	RIM EXIT DEVICE (ALARM, STORE, PULL)	SARGENT	AL 70 8804 PSB	US32D
1	DOOR CLOSER	NORTON	CPS7500	689
1	ARMOR PLATE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	THRESHOLD	PEMKO	273X3AFG	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2891AV	--
2	GASKETING (JAMBS)	PEMKO	2891AV	--
1	DOOR BOTTOM	PEMKO	216BDCFG	--
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--

NOTE: PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #4B — **EXTERIOR DOOR TO TRUCKER'S (DRIVER'S) LOUNGE OR CAGE, SMOKING CANOPY (NON ACCESS CONTROLLED)** — ACCESSIBLE SHELL EXTERIOR DOOR (HOLLOW METAL SINGLE)

FUNCTION: EXTERIOR LEVER, CLASSROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY DUTY)	MCKINNEY	T4A3386 NRP	US32D
2	PERMANENT KEYED CORE	--	BY OTHERS	626
1	RIM EXIT DEVICE (CLSRM, LEVER)	SARGENT	70 8813 ETP	US32D
1	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	ARMOR PLATE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	THRESHOLD	PEMKO	273X3AFG	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2891AV	--
2	GASKETING (JAMBS)	PEMKO	2903AV	--
1	DOOR BOTTOM	PEMKO	216BDCFG	--
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--

NOTE: PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #4D — **EXTERIOR EMERGENCY EXIT WITH EXTERIOR TRIM** — HOLLOW METAL SINGLE DOOR

FUNCTION: EXTERIOR PULL, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY DUTY)	MCKINNEY	T4A3386 NRP	US32D
2	PERMANENT KEYED CORE	--	BY OTHERS	626
1	RIM EXIT DEVICE (STORE, PULL)	SARGENT	70 8804 PSB	US32D
1	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	THRESHOLD	PEMKO	273X3AFG	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2891AV	--
2	GASKETING (JAMBS)	PEMKO	2903AV	--
1	DOOR BOTTOM	PEMKO	216BDCFG	--
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--

NOTE: PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #4E — EXTERIOR EMERGENCY EXIT WITH EXTERIOR TRIM (EGRESS) — HOLLOW METAL DOUBLE DOOR

FUNCTION: NO EXTERIOR TRIM OR OUTSIDE OPERATION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
6	HINGE (HEAVY DUTY)	MCKINNEY	T4A3386 NRP	US32D
1	PERMANENT KEYED CORE	--	BY OTHERS	626
1	REMOVABLE LOCKABLE MULLION	SARGENT	L980S	PC
1	MULLION CYLINDER KIT	SARGENT	70 980C1	US26D
2	RIM EXIT DEVICE (EXIT ONLY)	SARGENT	8810 EO	US32D
1	DOOR CLOSER	NORTON	CPS7500	689
1	THRESHOLD	PEMKO	273X3AFG	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2891AV	--
2	GASKETING (JAMBS)	PEMKO	2903AV	--
1	DOOR BOTTOM	PEMKO	216BDCFG	--
1	MULLION SEAL	PEMKO	5110BL	--
1	MEETING STILE SEAL	PEMKO	303AV	--
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--

NOTE: EXIT DEVICE DOES NOT INCLUDE EXTERIOR TRIM. CONFIRM IF COMPLIANT WITH LOCAL CODE, OTHERWISE EQUIP WITH HW SET 4F. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

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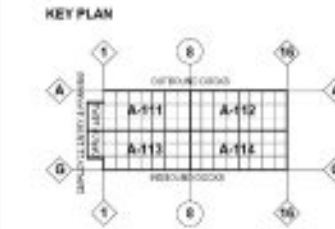
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KEY PLAN



PROJECT INFORMATION
PROJECT BERON

COUNCIL BLUFFS, IA

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moen

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DRAWN BY	CHECKED BY
MS	EM
JOB NO.	DATE
701088	3/5/2021

ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

EXTERIOR DOOR HARDWARE SCHEDULE

A-405

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EXTERIOR BUILDING DOOR HARDWARE SCHEDULE

HARDWARE SET #4F — EXTERIOR EMERGENCY EXIT WITH EXTERIOR TRIM — HOLLOW METAL DOUBLE DOORS

FUNCTION: EXTERIOR PULL, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
6	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3386 NRP	US32D
3	PERMANENT KEYED CORE	--	BY OTHERS	626
1	REMOVABLE LOCKABLE MULLION	SARGENT	LM65	PC
1	MULLION CYLINDER KIT	SARGENT	70 980C1	US26D
2	RIM EXIT DEVICE (STORE, PULL)	SARGENT	70 8804 PSB	US32D
2	DOOR CLOSER	NORTON	CPS7500	689
1	THRESHOLD	PEMKO	2730ASFG	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2893AV	--
2	GASKETING (JAMBS)	PEMKO	2903AV	--
2	DOOR BOTTOM	PEMKO	216BDCFG	--
1	MULLION SEAL	PEMKO	511BL	--
2	MEETING STILE SEAL	PEMKO	303AV	--
2	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--

NOTE: PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #5 — **EXTERIOR SHELL DOOR TRUCK DOCK RELEASE DOOR (TDR), GUARDHOUSE ACCESS DOOR (TDR), SMOKER'S CANOPY (ACCESS CONTROLLED), DELIVERY SERVICE PROVIDER DOOR (DSP)** — HOLLOW METAL SINGLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIFIED TRIM EXIT DEVICE WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3386 NRP	US32D
1	RIM EXIT DEVICE (ELEC LEVER, RX)	SARGENT	55 70 8876-12V ETP	US32D
1	PERMANENT KEYED CORE	--	BY OTHERS	626
1	SURFACE ARMORED DOOR CORD	SECURITRON	TSB-CITSB-CL	US26D
1	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	ARMOR PLATE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	THRESHOLD	PEMKO	2730ASFG	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2893AV	--
2	GASKETING (JAMBS)	PEMKO	2903AV	--
1	DOOR BOTTOM	PEMKO	216BDCFG	--
1	POWER SUPPLY	--	POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR	--
2	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--
2	CARD READER	--	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	--

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READER AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR CARD IN / CARD OUT TO SHUNT EGRESS ALARM BY SECURITY CONTRACTOR. LOCK POWER SHALL BE PROVIDED BY THE SECURITY CONTRACTOR. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #5A — **MAIN ASSOCIATE ENTRY AND RECRUITING OFFICE ENTRY, SMOKER'S CANOPY (ACCESS CONTROLLED)** — ALUMINUM STOREFRONT SINGLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIFIED TRIM EXIT DEVICE WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	CONTINUOUS HINGE W/CUTOUT	PEMKO	FM SLF-HD1 PT	VERIFY
1	THRESHOLD	--	BY DOOR MANUFACTURER	--
1	PERMANENT KEYED CORE	--	BY OTHERS	--
1	RIM EXIT DEVICE (ELEC LEVER, RX)	SARGENT	55 70 8876-12V ETP	US32D
1	EPT	SECURITRON	EL-CEPT	US26D
1	DROP PLATE	NORTON	7788	VERIFY
1	DOOR CLOSER	NORTON	CPS7500	689
1	BLADE STOP SPACER	NORTON	6199/6191 AS REQ'D	VERIFY
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	--
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	--
1	POWER SUPPLY	SECURITRON	POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR	--
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--
QTY'S VARY	CARD READER	--	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	--

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READER AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. EPT PREP TO BE COORDINATED BY ALUMINUM STOREFRONT MANUFACTURER. LOCK POWER SHALL BE PROVIDED BY THE SECURITY CONTRACTOR. VERIFY FINISH ON HARDWARE ABOVE T OMATCH ALUMINUM DOOR AND FRAME FINISH. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #5B — **BUILDING ENTRY WITH AUTO OPENER** — HOLLOW METAL SINGLE DOOR ACCESS CONTROL

FUNCTION: ELECTRIC LATCH RETRACTION, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	CONTINUOUS HINGE W/CUTOUT	PEMKO	FM SLF-HD1 PT	VERIFY
2	PERMANENT KEYED CORE	--	BY OTHERS	626
1	RIM EXIT DEVICE (ELR, RX, NL, PULL)	SARGENT	55 56 70 8804 PSB	US32D
1	EPT	SECURITRON	EL-CEPT	US26D
1	MORTISE CYLINDER	SARGENT	70 43 (KEY SWITCH)	US32D
1	OPERATOR DOOR SWITCH	NORTON	502 (VERIFY)	--
1	GASKETING (HEAD)	PEMKO	2893AV	--
2	GASKETING (JAMBS)	PEMKO	2903AV	--
1	DOOR BOTTOM	PEMKO	216BDCFG	--
1	DOOR OPERATOR (AUTO)	NORTON	6081	VERIFY
1	THRESHOLD	PEMKO	2730ASFG	--
1	RAIN GUARD	PEMKO	346C	--
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	--
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	--
1	KEYSWITCH	SECURITRON	MKA (FOR AUTO OPERATOR)	--
1	SWITCH POST	NORTON	500 (INCLUDES SWITH)	--
1	POWER SUPPLY	SECURITRON	POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR	--
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--
1	CARD READER	--	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	--

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. CARD READERS AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. LOCAL POWER SUPPLY IS REQUIRED. DOOR HARDWARE INSTALLER SHALL INSTALL POWER SUPPLY IN CONCEALED LOCATION NEAR BY TO THE DOOR IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS. CONFIRM SWITCH POST REQUIREMENT. PROVIDE POWER TO DOOR OPERATOR AND COORDINATE ROUGH-IN REQUIREMENTS WITH E.C. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #5C — **BUILDING ENTRY WITH AUTO OPENER** — ALUMINUM STOREFRONT SINGLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIC LATCH RETRACTION, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	CONTINUOUS HINGE W/CUTOUT	PEMKO	FM SLF-HD1 PT	VERIFY
2	PERMANENT KEYED CORE	--	BY OTHERS	626
1	RIM EXIT DEVICE (ELR, RX, NL, PULL)	SARGENT	55 56 70 A08004 952	VERIFY
1	EPT	SECURITRON	EL-CEPT	US26D
1	MORTISE CYLINDER	SARGENT	70 43 (KEY SWITCH)	VERIFY
1	OPERATOR DOOR SWITCH	NORTON	502 (VERIFY)	--
1	AUTO DOOR OPERATOR	NORTON	6081	VERIFY
1	THRESHOLD	--	BY DOOR MANUFACTURER	--
1	SET WEATHERSTRIP	--	BY DOOR MANUFACTURER	--
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	--
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	--
1	KEYSWITCH	SECURITRON	MKA (FOR AUTO OPERATOR)	--
1	SWITCH POST	NORTON	500 (INCLUDES SWITH)	--
1	POWER SUPPLY	SECURITRON	AQD W/BSS & RELAYS AS REQ'D	--
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--
1	CARD READER	--	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	--

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. CARD READERS AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. KNEE STILES AND TOP RAIL REQUIRED. EPT PREP TO BE COORDINATED BY ALUMINUM STOREFRONT MANUFACTURER. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. LOCAL POWER SUPPLY IS REQUIRED. DOOR HARDWARE INSTALLER SHALL INSTALL POWER SUPPLY IN CONCEALED LOCATION NEAR BY TO THE DOOR IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS. CONFIRM SWITCH POINT REQUIREMENTS WITH E.C. PROVIDE TESTED AND APPROVED HARDWARE FOR HURRICANE AND WINDSTORM CODE COMPLIANT OPENINGS WHERE PROJECT IS SUBJECT TO THOSE CONSTRUCTION CODES.

HARDWARE SET #6 — **EXISTING SHELL DOOR(S) WITH NO NEW HARDWARE REQUIREMENTS** — HOLLOW METAL SINGLE OR DOUBLE DOOR

FUNCTION: STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	HARDWARE NOT IN CONTRACT	--	HARDWARE BY OTHERS	--

NOTE: ALL HARDWARE SHOULD BE COMPATIABLE TO ACCEPT SFIC CORES. ALL EXISTING HARDWARE SHALL CONFORM TO THE BASIC SECURITY DESIGN AS REQUIRED BY TENANT ON A CASE BY CASE BASIS. IF EITHER OF THESE CONDITIONS ARE NOT MET, NEW MATERIAL SHOULD BE SCHEDULED.

HARDWARE SET #7 — **FIRE PUMP ROOM** — HOLLOW METAL DOUBLE DOOR

FUNCTION: EXTERIOR LEVER, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
6	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3386 NRP	US32D
1	PERMANENT KEYED CORE	--	BY OTHERS	626
1	DUST PROOF STRIKE	ROCKWOOD	570	US26D
2	PLUSH BOLT - HM	ROCKWOOD	555	US26D
1	STOREROOM LOCK	SARGENT	70 8204 LNP	US32D
1	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	THRESHOLD	PEMKO	2730ASFG	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2893AV	--
1	GASKETING (JAMBS)	PEMKO	2903AV	--
2	DOOR BOTTOM	PEMKO	216BDCFG	--
1	LATCH PROTECTOR	ROCKWOOD	320/321	US32D

NOTE: METAL ASTRAGAL BY DOOR SUPPLIER.

HARDWARE SET #7A — **EMERGENCY EXIT ONLY / SUPERVISED FIRE PUMP ROOM (AWDL)** — HOLLOW METAL DOUBLE DOOR

FUNCTION: EXTERIOR LEVER, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
6	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3386 NRP	US32D
2	PERMANENT KEYED CORE	--	BY OTHERS	626
1	RIM EXIT DEVICE (BO)	SARGENT	70 8804 PSB	US32D
1	RIM EXIT DEVICE (STORE, PULL)	SARGENT	8810 EO	US32D
1	REMOVABLE LOCKABLE MULLION	SARGENT	LM65	PC
1	MULLION CYLINDER KIT	SARGENT	70 980C1	US26D
2	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	THRESHOLD	PEMKO	2730ASFG	--
1	MULLION SEAL	PEMKO	511OBL	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2893AV	--
2	GASKETING (JAMBS)	PEMKO	2903AV	--
2	DOOR BOTTOM	PEMKO	216BDCFG	--
2	MEETING STILE SEAL	PEMKO	303AV	--

HARDWARE SET #7B — **FIRE PUMP ROOM** — HOLLOW METAL SINGLE DOOR

FUNCTION: EXTERIOR LEVER, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3386 NRP	US32D
1	STOREROOM LOCK	SARGENT	70 8204 LNP	US32D
1	PERMANENT KEYED CORE	--	BY OTHERS	626
1	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	THRESHOLD	PEMKO	2730ASFG	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2893AV	--
2	GASKETING (JAMBS)	PEMKO	2903AV	--
1	DOOR BOTTOM	PEMKO	216BDCFG	--
1	LATCH PROTECTOR	ROCKWOOD	320 / 321	US32D

HARDWARE SET #8 — **STAIRWELL ENTRANCE** — HOLLOW METAL SINGLE DOOR

FUNCTION: EXTERIOR LEVER, PASSAGE FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3386 NRP	US32D
1	RIM EXIT DEVICE, PASSAGE	SARGENT	12 8810 ETP	US32D
1	ARMOR PLATE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	WALL STOP	ROCKWOOD	409	US32D
1	GASKETING	PEMKO	508D	--
1	SWEEP	PEMKO	315CN	--

HARDWARE SET #9 — **ACCESS CONTROLLED GUARDHOUSE DOOR** — HOLLOW METAL SINGLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIFIED MORTISE LOCK WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3386 NRP	US32D
1	ELECTRIFIED MORTISE LOCK - FAIL SECURE	SARGENT	8 LK 70 8271-12V LNP	US32D
1	PERMANENT KEYED CORE	--	BY OTHERS	626
1	SURFACE ARMORED DOOR CORD	SECURITRON	TSB-CITSB-CL	--
1	DOOR CLOSER	NORTON	(P)7500	689
1	KICKPLATE	ROCKWOOD	K1050 10" CSK BEV	US32D
1	LATCH PROTECTOR	ROCKWOOD	320 / 321	US32D
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
1	THRESHOLD	PEMKO	2730ASFG	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2893AV	--
2	GASKETING (JAMBS)	PEMKO	2903AV	--
1	DOOR BOTTOM	PEMKO	216BDCFG	--
1	POWER SUPPLY	--	BY SECURITY CONTRACTOR	--
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--
2	CARD READER	--	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	--

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READER, POWER SUPPLY, AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR.

HARDWARE SET #9A — **PREFABRICATED GUARDHOUSE DOOR** — HOLLOW METAL SINGLE DOOR

FUNCTION: ELECTRIFIED MORTISE LOCK WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	HARDWARE	--	PREFAB GUARD HOUSE MANUFACTURER	--
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--
2	CARD READER	--	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	--
1	POWER SUPPLY	--	BY SECURITY CONTRACTOR	--

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READERS, DOOR POSITION SWITCH, AND POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR. GENERAL CONTRACTOR TO COORDINATE NEW HARDWARE INSTALLATION REQUIREMENTS WITH SUB-TRADES AND GUARDHOUSE MFR.

HARDWARE SET #9B — **GUARDHOUSE TOILET ROOM** — HOLLOW METAL SINGLE DOOR

FUNCTION: EXTERIOR LEVER, SERVICE STATION FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3386 NRP	US32D
1	SERVICE STATION LOCK	SARGENT	28 70 10G44 LP	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	626
1	KICKPLATE	ROCKWOOD	K1050 10" CSK BEV	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	COAT HOOK	ROCKWOOD	790	US26D
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
1	THRESHOLD	PEMKO	2730ASFG	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2893AV	--
2	GASKETING (JAMBS)	PEMKO	2903AV	--
1	DOOR BOTTOM	PEMKO	216BDCFG	--
1	WALL SIGN	ROCKWOOD	UNISEX #97599 / WOMEN'S #97598 / MEN'S #97597	BLUE

HARDWARE SET #10 — **EXTERIOR ROOF ACCESS DOOR** — HOLLOW METAL SINGLE DOOR

FUNCTION: MECHANICAL CYLINDER LOCK, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3386 NRP	US32D
1	STOREROOM LOCK	SARGENT	70 8236 LNP	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	626
1	KICKPLATE	ROCKWOOD	K1050 10" CSK BEV	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
1	THRESHOLD	PEMKO	2730ASFG	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2893AV	--
2	GASKETING (JAMBS)	PEMKO	2903AV	--
1	DOOR BOTTOM	PEMKO	216BDCFG	--
1	LATCH PROTECTOR	ROCKWOOD	320 / 321	US32D
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--

NOTE: ACCESS BY KEY FROM INSIDE ROOM OR STAIR. ALWAYS FREE EGRESS FROM ROOF.

HARDWARE SET #10A — **EXTERIOR ROOF ACCESS DOOR (ALTERNATE DOUBLE CYLINDER)** — HOLLOW METAL SINGLE DOOR

FUNCTION: MECHANICAL CYLINDER LOCK, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3386 NRP	US32D
1	STOREROOM LOCK	SARGENT	70 8236 LNP	US26D
2	PERMANENT KEYED CORE	--	BY OTHERS	626
1	KICKPLATE	ROCKWOOD	K1050 10" CSK BEV	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
1	THRESHOLD	PEMKO	2730ASFG	--
1	RAIN GUARD	PEMKO	346C	--
1	GASKETING (HEAD)	PEMKO	2893AV	--
2	GASKETING (JAMBS)	PEMKO	2903AV	--
1	DOOR BOTTOM	PEMKO	216BDCFG	--
1	LATCH PROTECTOR	ROCKWOOD	320 / 321	US32D
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	--

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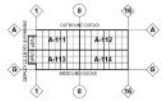
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KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mohs

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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MS	EM
JOB NO.	DATE
701088	3/5/2021

ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

EXTERIOR DOOR HARDWARE SCHEDULE

A-406

3/3/2021 6:03:25 PM

EXTERIOR BUILDING DOOR HARDWARE SCHEDULE

HARDWARE SET #1 (HCWS) — **MAIN EMPLOYEE ENTRY AND RECRUIT OFFICE ENTRY WITH AUTO OPERATOR** — ALUMINUM STOREFRONT DOUBLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIC LATCH RETRACTION, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	PIVOT SET	–	BY DOOR MANUFACTURER	–
2	PERMANENT KEYED CORE	–	BY OTHERS	626
1	CONCEALED VERTICAL ROD EXIT (ELR, RX, NL, PULL)	SARGENT	55 56 70 ADM10 10K 3 662	VERIFY
1	CONCEALED VERTICAL ROD EXIT (ELR, RX, PULL)	SARGENT	55 56 ADM10 662	VERIFY
2	EPT	SECURITRON	EL-CEPT	US26D
1	MORTISE CYLINDER	SARGENT	70 43 (KEY SWITCH)	VERIFY
1	OPERATOR DOOR SWITCH	NORTON	502 (VERIFY)	–
1	DOOR CLOSER	NORTON	UNI7500	VERIFY
1	AUTO DOOR OPERATOR	NORTON	6061	VERIFY
1	THRESHOLD	–	BY DOOR MANUFACTURER	–
1	SET WEATHERSTRIP	–	BY DOOR MANUFACTURER	–
2	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (F)	–
2	ELECTROLYNX HARNESS	MCKINNEY	QC-C30(P) AS REQ'D	–
1	KEYSWITCH	SECURITRON	MKA (FOR AUTO OPERATOR)	–
1	SWITCH POST	NORTON	500 (INCLUDES SWITCH)	–
1	POWER SUPPLY	SECURITRON	ADD W/BDS & RELAYS AS REQ'D	–
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–
1	CARD READER	–	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READER AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. EPT PREP TO BE COORDINATED BY ALUMINUM STOREFRONT MANUFACTURER. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. LOCAL POWER SUPPLY IS REQUIRED. DOOR HARDWARE INSTALLER SHALL INSTALL POWER SUPPLY IN CONCEALED LOCATION NEARBY TO THE DOOR IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. PROVIDE POWER TO DOOR OPERATOR AND COORDINATE ROUGH-IN REQUIREMENTS WITH E.C.

HARDWARE SET #2 (HCWS) — **MAIN EMPLOYEE ENTRY** — ALUMINUM STOREFRONT DOUBLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIC LATCH RETRACTION, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	PIVOT SET	–	BY DOOR MANUFACTURER	–
1	THRESHOLD	–	BY DOOR MANUFACTURER	–
1	SET WEATHERSTRIP	–	BY DOOR MANUFACTURER	–
2	PERMANENT KEYED CORE	–	BY OTHERS	–
1	CONCEALED VERTICAL ROD EXIT (ELR, RX, NL, PULL)	SARGENT	55 56 70 ADM10 10K 3 662	VERIFY
1	CONCEALED VERTICAL ROD EXIT (ELR, RX, PULL)	SARGENT	55 56 ADM10 662	VERIFY
2	EPT	SECURITRON	EL-CEPT	US26D
1	DOOR CLOSER (TOP OF JAMB)	NORTON	UNI7500	VERIFY
2	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (F)	–
2	ELECTROLYNX HARNESS	MCKINNEY	QC-C30(P) AS REQ'D	–
1	POWER SUPPLY	SECURITRON	ADD W/BDS & RELAYS AS REQ'D	–
2	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–
1	CARD READER	–	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. (CARD READER, NOT REQUIRED AT EVERY DOOR, SEE SECURITY DRAWINGS FOR REQUIREMENTS). ALWAYS FREE EGRESS. CARD READER AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. WIDE STILES AND TOP RAIL REQUIRED. EPT PREP TO BE COORDINATED BY ALUMINUM STOREFRONT MANUFACTURER. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. LOCAL POWER SUPPLY IS REQUIRED. DOOR HARDWARE INSTALLER SHALL INSTALL POWER SUPPLY IN CONCEALED LOCATION NEAR BY TO THE DOOR IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.

EXTERIOR DOORS SHALL MEET FBC STANDARDS FOR WINDSTORM. THE HARDWARE SPECIFIED IS LISTED AS A BASIS OF DESIGN. IF ALTERNATE HARDWARE IS PROPOSED, PLEASE PROVIDE THIRD-PARTY TEST RESULTS AND COMPLIANCE INFORMATION TO ARCHITECT.

HARDWARE SET #3 (HCWS) — **EMERGENCY EXIT ONLY** — ALUMINUM STOREFRONT SINGLE DOOR

FUNCTION: NO EXTERIOR TRIM OR OUTSIDE OPERATION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	PIVOT SET	–	BY DOOR MANUFACTURER	–
1	THRESHOLD	–	BY DOOR MANUFACTURER	–
1	SET WEATHERSTRIP	–	BY DOOR MANUFACTURER	–
1	RIM EXIT DEVICE, EXIT ONLY	SARGENT	HCW3 8810 EO	VERIFY
1	DOOR CLOSER	NORTON	UNI7500	VERIFY
1	DROP PLATE	NORTON	7788	VERIFY
1	BLADE STOP SPACER	NORTON	61864181 AS REQ'D	VERIFY
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–
1	SIGN BY OWNER	–	"EMERGENCY EXIT ONLY"	–

NOTE: EXIT ONLY. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH.

EXTERIOR DOORS SHALL MEET FBC STANDARDS FOR WINDSTORM. THE HARDWARE SPECIFIED IS LISTED AS A BASIS OF DESIGN. IF ALTERNATE HARDWARE IS PROPOSED, PLEASE PROVIDE THIRD-PARTY TEST RESULTS AND COMPLIANCE INFORMATION TO ARCHITECT.

HARDWARE SET #3A (HCWS) — **EMERGENCY EXIT WITH KEYED ENTRY** — ALUMINUM STOREFRONT SINGLE DOOR

FUNCTION: EXTERIOR PULL, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	PIVOT SET	–	BY DOOR MANUFACTURER	–
1	THRESHOLD	–	BY DOOR MANUFACTURER	–
1	SET WEATHERSTRIP	–	BY DOOR MANUFACTURER	–
1	PERMANENT KEYED CORE	–	BY OTHERS	–
1	RIM EXIT DEVICE (STORE, PULL)	SARGENT	70 HCW3 8804 662	VERIFY
1	DOOR CLOSER	NORTON	UNI7500	VERIFY
1	DROP PLATE	NORTON	7788	VERIFY
1	BLADE STOP SPACER	NORTON	61864181 AS REQ'D	VERIFY
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–
1	SIGN BY OWNER	–	"EMERGENCY EXIT ONLY"	–

NOTE: KEYED ENTRY FROM EXTERIOR. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH.

EXTERIOR DOORS SHALL MEET FBC STANDARDS FOR WINDSTORM. THE HARDWARE SPECIFIED IS LISTED AS A BASIS OF DESIGN. IF ALTERNATE HARDWARE IS PROPOSED, PLEASE PROVIDE THIRD-PARTY TEST RESULTS AND COMPLIANCE INFORMATION TO ARCHITECT.

HARDWARE SET #4B (HCWS) — **EXTERIOR DOOR TO TRUCKER'S (DRIVER'S) LOUNGE OR CAGE, SMOKING CANOPY (NON ACCESS CONTROLLED)** — ACCESSIBLE SHELL EXTERIOR DOOR (HOLLOW METAL SINGLE)

FUNCTION: EXTERIOR LEVER, CLASSROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	TA4336 NRP	US32D
1	PERMANENT KEYED CORE	–	BY OTHERS	–
1	RIM EXIT DEVICE (CL/SRM, LEVER)	SARGENT	70 HCW3 8813 ETP	US32D
1	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	ARMOR PLATE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	THRESHOLD	PEMKO	2730ASPS	–
1	RAIN GUARD	PEMKO	346C	–
1	GASKETING (HEAD)	PEMKO	2693AV	–
2	GASKETING (JAMBS)	PEMKO	2693AV	–
1	DOOR BOTTOM	PEMKO	216BDCPD	–
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–

NOTE: EXTERIOR DOORS SHALL MEET FBC STANDARDS FOR WINDSTORM. THE HARDWARE SPECIFIED IS LISTED AS A BASIS OF DESIGN. IF ALTERNATE HARDWARE IS PROPOSED, PLEASE PROVIDE THIRD-PARTY TEST RESULTS AND COMPLIANCE INFORMATION TO ARCHITECT.

HARDWARE SET #4D (HCWS) — **EXTERIOR EMERGENCY EXIT WITH EXTERIOR TRIM** — HOLLOW METAL SINGLE DOOR

FUNCTION: EXTERIOR PULL, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	TA4336 NRP	US32D
1	PERMANENT KEYED CORE	–	BY OTHERS	626
1	RIM EXIT DEVICE (STORE, PULL)	SARGENT	70 HCW3 8804 PSB	US32D
1	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	THRESHOLD	PEMKO	2730ASPS	–
1	RAIN GUARD	PEMKO	346C	–
1	GASKETING (HEAD)	PEMKO	2693AV	–
2	GASKETING (JAMBS)	PEMKO	2693AV	–
1	DOOR BOTTOM	PEMKO	216BDCPD	–
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–

NOTE: EXTERIOR DOORS SHALL MEET FBC STANDARDS FOR WINDSTORM. THE HARDWARE SPECIFIED IS LISTED AS A BASIS OF DESIGN. IF ALTERNATE HARDWARE IS PROPOSED, PLEASE PROVIDE THIRD-PARTY TEST RESULTS AND COMPLIANCE INFORMATION TO ARCHITECT.

HARDWARE SET #5 (HCWS) — **EXTERIOR SHELL DOOR TRUCK DOCK RELEASE DOOR (TDR), GUARDHOUSE ACCESS DOOR (TDR), SMOKER'S CANOPY (ACCESS CONTROLLED), DELIVERY SERVICE PROVIDER DOOR (DSP)** — HOLLOW METAL SINGLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIFIED TRIM EXIT DEVICE WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	TA4336 NRP	US32D
1	RIM EXIT DEVICE (ELEC LEVER, RX)	SARGENT	55 70 HCW3 8876 12V ETP	US32D
1	PERMANENT KEYED CORE	–	BY OTHERS	626
1	SURFACE ARMORED DOOR CORD	SECURITRON	TSB-CITSB CL	US26D
1	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	ARMOR PLATE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	THRESHOLD	PEMKO	2730ASPS	–
1	RAIN GUARD	PEMKO	346C	–
1	GASKETING (HEAD)	PEMKO	2693AV	–
2	GASKETING (JAMBS)	PEMKO	2693AV	–
1	DOOR BOTTOM	PEMKO	216BDCPD	–
1	POWER SUPPLY	–	POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR	–
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–
2	CARD READER	–	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READER AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. CARD IN CARD OUT TO SHUNT EGRESS ALARM BY SECURITY CONTRACTOR. LOCK POWER SHALL BE PROVIDED BY THE SECURITY CONTRACTOR.

EXTERIOR DOORS SHALL MEET FBC STANDARDS FOR WINDSTORM. THE HARDWARE SPECIFIED IS LISTED AS A BASIS OF DESIGN. IF ALTERNATE HARDWARE IS PROPOSED, PLEASE PROVIDE THIRD-PARTY TEST RESULTS AND COMPLIANCE INFORMATION TO ARCHITECT.

HARDWARE SET #5A (HCWS) — **MAIN ASSOCIATE ENTRY AND RECRUITING OFFICE ENTRY, SMOKER'S CANOPY (ACCESS CONTROLLED)** — ALUMINUM STOREFRONT SINGLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIFIED TRIM EXIT DEVICE WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	CONTINUOUS HINGE W/CUTOUT	PEMKO	FM SUF-HD1 PT	VERIFY
1	THRESHOLD	–	BY DOOR MANUFACTURER	–
1	SET WEATHERSTRIP	–	BY DOOR MANUFACTURER	–
1	PERMANENT KEYED CORE	–	BY OTHERS	–
1	RIM EXIT DEVICE (ELEC LEVER, EX)	SARGENT	55 70 HCW3 8876 12V ETP	VERIFY
1	EPT	SECURITRON	EL-CEPT	US26D
1	DOOR CLOSER	NORTON	UNI7500	VERIFY
1	DROP PLATE	NORTON	7788	VERIFY
1	BLADE STOP SPACER	NORTON	61864181 AS REQ'D	VERIFY
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (F)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C30(P) AS REQ'D	–
1	POWER SUPPLY	SECURITRON	POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR	–
2	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–
QTY'S VARY	CARD READER	–	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READER AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. EPT PREP TO BE COORDINATED BY ALUMINUM STOREFRONT MANUFACTURER. LOCK POWER SHALL BE PROVIDED BY THE SECURITY CONTRACTOR. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. CARD READER QUANTITIES VARY. CONFIRM EXPECTATIONS WITH SECURITY DESIGNER.

EXTERIOR DOORS SHALL MEET FBC STANDARDS FOR WINDSTORM. THE HARDWARE SPECIFIED IS LISTED AS A BASIS OF DESIGN. IF ALTERNATE HARDWARE IS PROPOSED, PLEASE PROVIDE THIRD-PARTY TEST RESULTS AND COMPLIANCE INFORMATION TO ARCHITECT.

HARDWARE SET #6C (HCWS) — **BUILDING ENTRY WITH AUTO OPENER** — ALUMINUM STOREFRONT SINGLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIC LATCH RETRACTION, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	PIVOT SET	–	BY DOOR MANUFACTURER	–
2	PERMANENT KEYED CORE	–	BY OTHERS	626
1	RIM EXIT DEVICE (ELR, RX, NL, PULL)	SARGENT	55 56 70 HCW3 ADM04 662	VERIFY
2	EPT	SECURITRON	EL-CEPT	US26D
1	MORTISE CYLINDER	SARGENT	70 43 (KEY SWITCH)	VERIFY
1	OPERATOR DOOR SWITCH	NORTON	502 (VERIFY)	–
1	DOOR OPERATOR (AUTO)	NORTON	6061	VERIFY
1	THRESHOLD	–	BY DOOR MANUFACTURER	–
1	SET WEATHERSTRIP	–	BY DOOR MANUFACTURER	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (F)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C30(P) AS REQ'D	–
1	KEYSWITCH	SECURITRON	MKA (FOR AUTO OPERATOR)	–
1	SWITCH POST	NORTON	500 (INCLUDES SWITCH)	–
1	POWER SUPPLY	SECURITRON	ADD W/BDS & RELAYS AS REQ'D	–
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–
1	CARD READER	–	CARD READER TO BE PROVIDED BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. CARD READERS AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR WIDE STILES AND TOP RAIL REQUIRED. EPT PREP TO BE COORDINATED BY ALUMINUM STOREFRONT MANUFACTURER. VERIFY FINISH ON HARDWARE ABOVE TO MATCH ALUMINUM DOOR AND FRAME FINISH. LOCAL POWER SUPPLY IS REQUIRED. DOOR HARDWARE INSTALLER SHALL INSTALL POWER SUPPLY IN CONCEALED LOCATION NEARBY TO THE DOOR IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS. CONFIRM SWITCH POST REQUIREMENT. PROVIDE POWER TO DOOR OPERATOR AND COORDINATE ROUGH-IN REQUIREMENTS WITH E.C.

EXTERIOR DOORS SHALL MEET FBC STANDARDS FOR WINDSTORM. THE HARDWARE SPECIFIED IS LISTED AS A BASIS OF DESIGN. IF ALTERNATE HARDWARE IS PROPOSED, PLEASE PROVIDE THIRD-PARTY TEST RESULTS AND COMPLIANCE INFORMATION TO ARCHITECT.

HARDWARE SET #7A (HCWS) — **EMERGENCY EXIT ONLY / SUPERVISED FIRE PUMP ROOM (ARCL)** — HOLLOW METAL DOUBLE DOOR

FUNCTION: ELECTRIFIED TRIM EXIT DEVICE WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
6	HINGE (HEAVY WEIGHT)	MCKINNEY	TA4336 NRP	US32D
1	PERMANENT KEYED CORE	–	BY OTHERS	626
1	RIM EXIT DEVICE (EO)	SARGENT	70 HC 8810 EO	US32D
1	REMOVABLE LOCKABLE MULLION	SARGENT	HC13805	PC
1	MULLION CYLINDER KIT	SARGENT	70 980C1	US26D
2	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	THRESHOLD	PEMKO	2730ASPS	–
1	MULLION SEAL	PEMKO	511BL	–
1	RAIN GUARD	PEMKO	346C	–
1	GASKETING (HEAD)	PEMKO	2693AV	–
2	GASKETING (JAMBS)	PEMKO	2693AV	–
2	DOOR BOTTOM	PEMKO	216BDCPD	–
2	MEETING STILE SEAL	PEMKO	303AV	–

NOTE: EXTERIOR DOORS SHALL MEET FBC STANDARDS FOR WINDSTORM. THE HARDWARE SPECIFIED IS LISTED AS A BASIS OF DESIGN. IF ALTERNATE HARDWARE IS PROPOSED, PLEASE PROVIDE THIRD-PARTY TEST RESULTS AND COMPLIANCE INFORMATION TO ARCHITECT.

HARDWARE SET #7B (HCWS) — **FIRE PUMP ROOM** — HOLLOW METAL SINGLE DOOR

FUNCTION: EXTERIOR LEVER, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY DUTY)	MCKINNEY	TA4336 NRP	US32D
1	STOREROOM LOCK	SARGENT	70 8251 LNP	US32D
1	PERMANENT KEYED CORE	–	BY OTHERS	626
1	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	THRESHOLD	PEMKO	2730ASPS	–
1	RAIN GUARD	PEMKO	346C	–
1	GASKETING (HEAD)	PEMKO	2693AV	–
2	GASKETING (JAMBS)	PEMKO	2693AV	–
2	DOOR BOTTOM	PEMKO	216BDCPD	–
1	LATCH PROTECTOR	ROCKWOOD	320 / 321	US32D

NOTE: EXTERIOR DOORS SHALL MEET FBC STANDARDS FOR WINDSTORM. THE HARDWARE SPECIFIED IS LISTED AS A BASIS OF DESIGN. IF ALTERNATE HARDWARE IS PROPOSED, PLEASE PROVIDE THIRD-PARTY TEST RESULTS AND COMPLIANCE INFORMATION TO ARCHITECT.

RYAN

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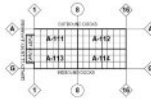
CONSULTANTS

IES Communications

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SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mois

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DRAWN BY	CHECKED BY
MS	EM
JOB NO.	**DATE**
701068	3/5/2021

ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

EXTERIOR DOOR HARDWARE SCHEDULE

A-407

3/3/2021 6:03:35 PM

INTERIOR DOOR HARDWARE SCHEDULE

NOTE: NOT ALL HARDWARE SETS MAY BE USED AT THIS SPECIFIC PROJECT LOCATION

HARDWARE SET #TI-1	SINGLE LEAF, TURNSTILE BYPASS, ASSOCIATE ENTRY (AMZL) ACCESS CONTROLLED		HOLLOW METAL SINGLE DOOR ACCESS CONTROLLED	
FUNCTION: ELECTRIFIED TRIM EXIT DEVICE WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT, STOREROOM FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	ELECTRIC HINGE (HEAVY WEIGHT	MCKINNEY	T4A3786 QC8	US26D
1	RIM EXIT DEVICE (ELEC LEVER, RX)	SARGENT	55 70 8876-12V ETP	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE - PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	PERMANENT KEYED CORE	--	BY OTHERS	–
3	SILENCER	ROCKWOOD	608-RKW	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	–
QTY'S VARY	CARD READER -QTNY VARIES (SEE SECURITY DWGS)	--	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	–
1	POWER SUPPLY	--	BPS BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. POWER SUPPLY, CARD READERS AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. CARD READER ON EGRESS SIDE WILL SHUNT BLDG ALARM AS AN ACCESS CONTROLLED REQUEST TO EXIT SIGNAL. LOCK POWER SHALL BE PROVIDED BY THE SECURITY CONTRACTOR. COORDINATE CARD READER REQUIREMENTS WITH SECURITY DRAWINGS.

HARDWARE SET #TI-1A	SINGLE LEAF, TURNSTILE BYPASS - EMERGENCY EXIT ONLY		HOLLOW METAL SINGLE DOOR	
FUNCTION: NO EXTERIOR TRIM OR OUTSIDE OPERATION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	RIM EXIT DEVICE - EXIT ONLY	SARGENT	8810 EO	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
3	SILENCER	ROCKWOOD	608-RKW	–

NOTE: EXIT ONLY

HARDWARE SET #TI-1B	SINGLE LEAF, GURNEY DOOR		HOLLOW METAL SINGLE DOOR (INEXCESS OF 38" WIDE)	
FUNCTION: NO EXTERIOR TRIM OR OUTSIDE OPERATION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
4	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	RIM EXIT DEVICE - EXIT ONLY	SARGENT	8810 EO	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
3	SILENCER	ROCKWOOD	608-RKW	–

NOTE: EXIT ONLY

HARDWARE SET #TI-1C	RECRUITING OFFICE TURNSTILE / VISITOR BYPASS DOOR		ALUMINUM STOREFRONT SINGLE DOOR ACCESS CONTROLLED	
FUNCTION: ELECTRIFIED TRIM EXIT DEVICE WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	CONTINUOUS HINGE W/CUTOUT	PEMKO	CFM SLF-HD1 PT	VERIFY
1	PERMANENT KEYED CORE	--	BY OTHERS	–
1	RIM EXIT DEVICE (ELEC LEVER, RX)	SARGENT	55 70 8876-12V ETP	US32D
1	EPT	SECURITRON	EL-CEPT	US26D
1	DOOR CLOSER	NORTON	(P)7500	689
1	BLADE STOP SPACER	NORTON	81906191 AS REQ'D	689
1	DROP PLATE	NORTON	7786	689
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	–
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	–
2	CARD READER	--	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–
1	POWER SUPPLY	--	BPS BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED ACRD CREDENTIAL. ALWAYS FREE EGRESS. POWER SUPPLY, CARD READER AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. EPT PREP TO BE COORDINATED BY ALUMINUM STOREFRONT MANUFACTURER. CARD IN / CARD OUT TO SHUNT EGRESS ALARM BY SECURITY CONTRACTOR. LOCK POWER SHALL BE PROVIDED BY THE SECURITY CONTRACTOR.

HARDWARE SET #TI-1C ALT	RECRUITING OFFICE TURNSTILE / VISITOR BYPASS DOOR W/AUTOMATIC OPERATOR		ALUMINUM STOREFRONT SINGLE DOOR ACCESS CONTROLLED	
FUNCTION: ELECTRIFIED TRIM EXIT DEVICE WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	CONTINUOUS HINGE W/CUTOUT	PEMKO	CFM SLF-HD1 PT	VERIFY
1	PERMANENT KEYED CORE	--	BY OTHERS	–
1	RIM EXIT DEVICE	SARGENT	55 56 70 8876-12V ETP	US32D
1	EPT	SECURITRON	EL-CEPT	US26D
1	MORTISE CYLINDER	SARGENT	70 43 (KEY SWITCH)	US32D
2	OPERATOR DOOR SWITCH	NORTON	502 (VERIFY)	–
1	DROP OPERATOR	NORTON	6001	689
1	KEYSWITCH	SECURITRON	MKA (FOR AUTO OPERATOR)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	–
1	POWER SUPPLY	--	AQD W/BDS & RELAYS AS REQ'D	–
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	–
1	CARD READER	--	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. POWER SUPPLY, CARD READER AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. EPT PREP TO BE COORDINATED BY ALUMINUM STOREFRONT MANUFACTURER. CARD IN / CARD OUT TO SHUNT EGRESS ALARM BY SECURITY CONTRACTOR. LOCK POWER SHALL BE PROVIDED BY THE SECURITY CONTRACTOR. LOCAL POWER SUPPLY IS REQ'D. DOOR HARDWARE INSTALLER SHALL INSTALL POWER SUPPLY IN CONCEALED LOCATION NEARBY TO THE DOOR IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS. PROVIDE POWER TO DOOR OPERATOR AND COORDINATE ROUGH-IN REQUIREMENTS WITH E.C.

HARDWARE SET #TI-1D	DOUBLE LEAF, TURNSTILE BYPASS, ASSOC ENTRY (AMZL)		ALUMINUM STOREFRONT SINGLE DOOR ACCESS CONTROLLED	
FUNCTION: ELECTRIFIED TRIM EXIT DEVICE LEVER TRIM, FAIL SECURE, INTEGRATED REQUEST TO EXIT				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
4	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
2	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	REMOVABLE LOCKABLE MULLION	SARGENT	L980S	PC
2	RIM EXIT DEVICE (ELEC LEVER, RX)	SARGENT	55 70 8876-12V ETP	US32D
1	MULLION CYLINDER KIT	SARGENT	70 980C1	US26D
3	PERMANENT KEYED CORE	--	BY OTHERS	–
2	DOOR CLOSER	NORTON	(P)7500	689
2	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
2	ARMOR PLATE - PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
2	SILENCER	ROCKWOOD	608-RKW	–
1	MULLION SEAL	PEMKO	5110BL	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	–
QTY'S VARY	CARD READER -QTNY VARIES (SEE SECURITY DWGS)	--	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–
2	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	–
1	POWER SUPPLY	--	BPS BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGERSS. POWER SUPPLY, CARD READER AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. EPT PREP TO BE COORDINATED BY ALUMINUM STOREFRONT MANUFACTURER. CARD IN / CARD OUT TO SHUNT EGRESS ALARM BY SECURITY CONTRACTOR. LOCK POWER SHALL BE PROVIDED BY THE SECURITY CONTRACTOR. COORDINATE CARD READER QUANTITIES WITH SECURITY DRAWINGS.

HARDWARE SET #TI-1E	DOUBLE LEAF, TURNSTILE BYPASS, EMERGENCY EXIT ONLY		ALUMINUM STOREFRONT SINGLE DOOR ACCESS CONTROLLED	
FUNCTION: NO EXTERIOR TRIM OR OUTSIDE OPERATION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
6	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	REMOVABLE LOCKABLE MULLION	SARGENT	L980S	PC
2	RIM EXIT DEVICE (EO)	SARGENT	8810 EO	US32D
1	MULLION CYLINDER KIT	SARGENT	70 980C1	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	–
2	DOOR CLOSER	NORTON	(P)7500	689
2	ARMOR PLATE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
2	SILENCER	ROCKWOOD	608-RKW	–
1	MULLION SEAL	PEMKO	5110BL	–

NOTE: EXIT ONLY

HARDWARE SET #TI-2	CARD IN / CARD OUT (LOCKED IN BOTH DIRECTIONS)		INTERIOR DOOR - WOOD ACCESS CONTROLLED	
FUNCTION: ELECTRIFIED MORTISE LOCK WITH EXTERIOR LEVER, FAIL SAFE, INTEGRATED REQUEST TO EXIT, INSTITUTIONAL FUNCTION (LOCKED IN BOTH DIRECTIONS)				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	ELECTRIC HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 QC8	US26D
1	ELECTRIFIED MORTISE LOCK - FAIL SAFE	SARGENT	RX-70 8272-12V LNP	US26D
2	PERMANENT KEYED CORE	--	BY OTHERS	–
1	DOOR CLOSER	NORTON	(P)7500	689
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
1	GASKETING	PEMKO	S88D	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	–
1	EMERGENCY DOOR RELEASE	--	PROVIDED BY SECURITY CONTRACTOR	–
2	CARD READER	--	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	–
1	POWER SUPPLY	--	BPS BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. CARD REQUIRED THROUGH BOTH DIRECTIONS OF TRAVEL. CARD READERS, EMERGENCY DOOR RELEASE BUTTON, DOOR POSITION SWITCH, AND POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR. THIS OPENING IS NOT EGRESS COMPLIANT.

HARDWARE SET #TI-2A	EGRESS CORRIDOR ENTRY		HOLLOW METAL SINGLE DOOR	
FUNCTION: EXTERIOR LEVER, STOREROOM FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	RIM EXIT DEVICE (STORE, LEVER)	SARGENT	70 8804 ETP	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	–
1	DOOR CLOSER	NORTON	(P)7500	689
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
1	GASKETING	PEMKO	S88D	–
1	SWEEP	PEMKO	311CN	–
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	–
1	SIGN BY OWNER	--	'EMERGENCY EXIT ONLY - ALARM WILL SOUND'	–

NOTE: DOOR SHALL BE CONFIGURED AS EMERGENCY EXIT ONLY. DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR.

HARDWARE SET #TI-2B	DAY ONE TRAINING ENTRY, DRIVER'S LOUNGE FROM WAREHOUSE, DRIVER'S CHECK IN ROOM		HOLLOW METAL SINGLE DOOR ACCESS CONTROLLED	
FUNCTION: ELECTRIFIED TRIM EXIT DEVICE WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	ELECTRIC HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 QC8	US26D
1	RIM EXIT DEVICE (ELEC LEVER, RX)	SARGENT	55 70 8876-12V ETP	US32D
2	PERMANENT KEYED CORE	--	BY OTHERS	–
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE - PUSH SIDE		K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE - PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
3	SILENCER	ROCKWOOD	608-RKW	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	–
2	CARD READER	--	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	–
1	POWER SUPPLY	--	BPS BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READER, POWER SUPPLY, AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. CARD READER EGRESS WILL SHUNT BLDG ALARM AS AN ACCESS CONTROLLED REQUEST TO EXIT SWITCH.

HARDWARE SET #TI-4	TRAINING ROOM, CAREER CHOICE CLASSROOM		HOLLOW METAL SINGLE DOOR	
FUNCTION: EXTERIOR LEVER, PASSAGE FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	RIM FIRE EXIT DEVICE, HEAVY WEIGHT (PASSAGE)	SARGENT	12 8815 ETP	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
1	GASKETING	PEMKO	S88D	–

HARDWARE SET #TI-4A	FIRST DAY TRAINING ROOM (ACCESS CONTROLS NOT REQ'D)		HOLLOW METAL SINGLE DOOR	
FUNCTION: EXTERIOR LEVER, CLASSROOM FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	RIM FIRE EXIT DEVICE, HEAVY WEIGHT (CLSRM)	SARGENT	12 70 8813 ETP	US32D
1	PERMANENT KEYED CORE	--	BY OTHERS	–
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOOR STOP	ROCKWOOD	441	US26D
1	GASKETING	PEMKO	S88D	–

HARDWARE SET #TI-4B	FIRST DAY TRAINING ROOM (ACCESS CONTROLS NOT REQ'D)		HOLLOW METAL DOUBLE DOOR	
FUNCTION: EXTERIOR LEVER, CLASSROOM FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
6	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
2	SVR FIRE EXIT DEVICE, HEAVY WEIGHT (CLSRM)	SARGENT	12 70 NB8713 ETP	US32D
2	PERMANENT KEYED CORE	--	BY OTHERS	626
1	DOOR CLOSER	NORTON	(P)7500	689
1	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
1	GASKETING	PEMKO	S88D	–
2	MEETING STILE SEAL	PEMKO	305CN	–

HARDWARE SET #TI-5	RECRUITING OFFICE TO WAREHOUSE EMERGENCY EXIT ONLY		HOLLOW METAL SINGLE DOOR	
FUNCTION: NO EXTERIOR TRIM, EMERGENCY EXIT ONLY				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	RIM EXIT DEVICE (EXIT ONLY)	SARGENT	8810 EO	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–
1	DOOR POSITION SWITCH	-	DPS BY SECURITY CONTRACTOR	–
1	SIGN BY OWNER	-	'EMERGENCY EXIT ONLY - ALARM WILL SOUND'	–

NOTE: NO HARDWARE SHALL BE PROVIDED ON WAREHOUSE SIDE OF THE DOOR. DOOR POSITION SWITCH SHALL BE PROVIDED BY SECURITY CONTRACTOR.

HARDWARE SET #TI-6	AM WAITING CARE WAITING TO AM CARE CORRIDOR		HOLLOW METAL OR WOOD SINGLE DOOR	
FUNCTION: MECHANICAL CYLINDER (LEVER), CLASSROOM FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
4	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	CLASSROOM LOCK	SARGENT	28 70 10G37 LP	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	–
1	DOOR CLOSER W/ HOLD OPEN	NORTON	(P)7500H	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE - PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–

NOTE: GASKETING AT RATED OPENINGS. OMIT HOLD OPEN ARM ON CLOSER AT RATED OPENINGS.

HARDWARE SET #TI-7	OFFICE, LOCKABLE CONFERENCE ROOM		HOLLOW METAL OR WOOD SINGLE DOOR	
FUNCTION: MECHANICAL CYLIDNER LOCK, ENTRANCE / OFFICEE FUNCTION, PSH BUTTOM LOCK INSIDE				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	ENTRY/OFFICE LOCK	SARGENT	28 70 10G05 LP	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	–
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–
1	COAT HOOK	ROCKWOOD	790	US26D

NOTE: GASKETING AT RATED OPENING. CLOSER AT RATED OPENING AND FIRST AID WAITING. COAT HOOK NOT REQUIRED FOR LOCKABLE CONFERENCE ROOMS.

HARDWARE SET #TI-7A	COMMAND CENTER, OPEN OFFICE ENTRY		HOLLOW METAL OR WOOD SINGLE DOOR	
FUNCTION: MECHANICAL CYLIDNER LOCK, ENTRANCE / OFFICEE FUNCTION, PSH BUTTOM LOCK INSIDE				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	ENTRY/OFFICE LOCK	SARGENT	28 70 10G05 LP	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	–
1	DOOR CLOSER	ROCKWOOD	(P)7500	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE - PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–

HARDWARE SET #TI-8	CONFERENCE ROOM		HOLLOW METAL OR WOOD SINGLE DOOR	
FUNCTION: MECHANICAL CYLIDNER, PASSAGE FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE	MCKINNEY	TA2714 NRP	US26D
1	PASSAGE SET	SARGENT	28 70 10U15 LP	US26D
1	DOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–

HARDWARE SET #TI-8A	CONFERENCE ROOM / JANITOR CLOSET (AMZL), ABLUTION ROOM, MULTI-FAITH ROOM		HOLLOW METAL OR WOOD SINGLE DOOR	
FUNCTION: MECHANICAL CYLIDNER, PASSAGE FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE	MCKINNEY	TA2714 NRP	US26D
1	PASSAGE SET	SARGENT	28 70 10U15 LP	US26D
1	DOOR CLOSER	NORTON	(P)7500	689
1	DOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–

HARDWARE SET #TI-9	JANITOR		HOLLOW METAL OR WOOD SINGLE DOOR	
FUNCTION: MECHANICAL CYLINDER LOCK, STOREROOM FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE	MCKINNEY	TA2714 NRP	US26D
1	STOREROOM LOCK	SARGENT	28 70 10G04 LP	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	–
1	DOOR CLOSER W/ HOLD OPEN ARM	NORTON	7500H	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE - PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–

NOTE: GASKETING AT RATED OPENINGS. OMIT HOLD OPEN ARM ON CLOSER AT RATED OPENINGS.

HARDWARE SET #TI-9A	AV CLOSET, VENDING STORAGE, SHOVEL CLOSET		4' X 8' INTERIOR HOLLOW METAL	
FUNCTION: MECHANICAL CYLINDER LOCK, STOREROOM FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
4	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	STOREROOM LOCK	SARGENT	28 70 10G04 LP	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	626
1	DOOR CLOSER W/ HOLD OPEN ARM	NORTON	7500H	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE - PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–

NOTE: GASKETING AT RATED OPENINGS. OMIT HOLD OPEN ARM ON CLOSER AT RATED OPENINGS.

HARDWARE SET #TI-9B	MHE SHAFT UNEVEN PAIR		INTERIOR HOLLOW METAL DOORS	
FUNCTION: MECHANICAL CYLINDER LOCK, STOREROOM FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	CONTINUOUS HINGE	PEMKO	CFM HD1	–
1	COORDINATOR	ROCKWOOD	2600 X FB	BLK
2	CLOSER MOUNTING BRACKET	ROCKWOOD	2601ABC AS REQ'D	BLK
1	SET AUTOMATIC FLUSH BOLT	ROCKWOOD	2842/2942	US26D
1	DUSTPROOF STRIKE	ROCKWOOD	570	US26D
1	MORTISE EXIT DEVICE	SARGENT	12 70 8904 ETP	US32D
1	PERMANENT KEYED CORE	--	BY OTHERS	626
2	DOOR CLOSER	NORTON	PRD7500	689
1	SURFACE OVERHEAD STOP	RIXSON	9-X36	630
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE - PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
2	DOME FLOOR STOP	ROCKWOOD	441	US26D
2	DOOR SWEEP	PEMKO	315CN	–
1	GASKETING	PEMKO	S88D	–
1	OVERLAPPING METAL ASTRAGAL	PEMKO	357SP X S88D	–

NOTE: GASKETING AT RATED OPENINGS.

HARDWARE SET #TI-10	IDF ROOM		HOLLOW METAL OR WOOD SINGLE DOOR ACCESS CONTROLLED	
FUNCTION: ELECTRIFIED MORTISE LOCK WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	ELECTRIC HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 QC8	US26D
1	FAIL SECURE ELECTRIC MORTISE LOCK	SARGENT	RX-70 8271-12V LNP	US26D
1	DOOR CLOSER	NORTON	(P)7500	689
1	KICK PLATE - PUSH SIDE	ROCKWOOD	K1050 10" CSK BEV	US32D
1	DOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	–
1	POWER SUPPLY	--	BPS BY SECURITY CONTRACTOR	–
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	–
1	CARD READER	--	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. AWAYS FREE EGRESS. CARD READER, DOOR POSITION SWITCH, AND POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR.

HARDWARE SET #TI-11	STAFFING AGENCY ENTRY, ENS SITE ZONE 3 AREAS		HOLLOW METAL OR WOOD SINGLE DOOR ACCESS CONTROLLED	
FUNCTION: ELECTRIFIED MORTISE LOCK WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
1	ELECTRIC HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 QC8	US26D
1	FAIL SECURE ELECTRIC MORTISE LOCK	SARGENT	RX-70 8271-12V LNP	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	–
1	DOOR CLOSER	NORTON	(P)7500	689
1	KICK PLATE - PUSH SIDE	ROCKWOOD	K1050 10" CSK BEV	US32D
1	ARMOR PLATE - PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	–
1	POWER SUPPLY	SECURITRON	BPS BY SECURITY CONTRACTOR	–
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	–
1	CARD READER	--	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. AWAYS FREE EGRESS. CARD READER, DOOR POSITION SWITCH, AND POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR.

HARDWARE SET #TI-11A	ENS PICK-UP ROOMS, AMZL / AMXL TRAINING ROOMS TO WAREHOUSE		HOLLOW METAL INTERIOR DUTCH DOOR ACCESS CONTROLLED	
FUNCTION: TOP LEAF SECURED TO BOTTOM WITH EXIT LATCH. BOTTOM LEAF CARD IN/CARD OUT WITH SPRING HINGES				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	HINGE (HEAVY WEIGHT)	MCKINNEY	T4A3786 NRP	US26D
2	SPRING HINGE	MCKINNEY	1502	US26D
1	CONCEALED POWER TRANSFER	SECURITRON	EL-CEPT	US26D
1	ELECTRIFIED STOREROOM LOCK - FAIL SECURE	SARGENT	RX-28 X 70 10G71-12V LP	US26D
1	EXIT LATCH	SARGENT	28 10G15-3 LP	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	–
1	KICK PLATE - PUSH SIDE	ROCKWOOD	K1050 10" CSK BEV	US32D
1	WALL MOUNT DOOR STOP	ROCKWOOD	409	US26D
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
4	SILENCER	ROCKWOOD	608-RKW	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	–
1	POWER SUPPLY	SECURITRON	BPS BY SECURITY CONTRACTOR	–
1	DOOR POSITION SWITCH	--	DPS BY SECURITY CONTRACTOR	–
1	CARD READER	--	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. AWAYS FREE EGRESS ON LOWER LEAF. CARD READERS, DOOR POSITION SWITCHES, AND POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR. THE TOP LEAF DOOR CONTACT SHALL BE PROGRAMMED AS INACTIVE WHEN THE INTRUSION DETECTION SYSTEM IS DISARMED.

HARDWARE SET #TI-12	AM CARE STORAGE ROOM, ELEVATOR MACHINE ROOM, UTILITY ROOM		HOLLOW METAL OR WOOD SINGLE DOOR	
FUNCTION: MECHANICAL CYLIDNER LOCK, STOREROOM FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE	MCKINNEY	T42714 NRP	US26D
1	STOREROOM LOCK	SARGENT	28 70 10G04 LP	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	–
1	DOOR CLOSER	NORTON	(P)7500	689
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–

HARDWARE SET #TI-12A	HR STORAGE		HOLLOW METAL OR WOOD SINGLE DOOR	
FUNCTION: MECHANICAL CYLIDNER LOCK, STOREROOM FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE	MCKINNEY	T42714 NRP	US26D
1	STOREROOM LOCK	SARGENT	28 70 10G04 LP	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	626
1	DOOR CLOSER	NORTON	(P)7500	689
1	KICK PLATE - PUSH SIDE	ROCKWOOD	K1050 10" CSK BEV	US32D
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–

HARDWARE SET #TI-13	BREAKROM RATED PARTITION		HOLLOW METAL DOUBLE DOOR	
FUNCTION: MECHANICAL CYLIDNER LOCK, STOREROOM FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY DUTY)	MCKINNEY	T4A4786 NRP	US26D
2	CVR FIRE EXIT DEVICE, PASSAGE	SARGENT	12 NB MD8615 ETP	US32D
2	DOOR CLOSER (STOP)	NORTON	CPS7500	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE - PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	GASKETING	PEMKO	S88D	–
2	SWEEP	PEMKO	315CN	–
2	MEETING STILE SEAL	PEMKO	305CN	–

HARDWARE SET #TI-13A	LOCKER ROOM/RESTROOM VESTIBULE TO WAREHOUSE EMERGENCY EXIT ONLY		HOLLOW METAL DOUBLE DOOR	
FUNCTION: NO EXTERIOR TRIM, EMERGENCY EXIT ONLY, VERTICAL ROD EXIT DEVICES				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
6	HINGE (HEAVY DUTY)	MCKINNEY	T4A4786 NRP	US26D
2	CVR FIRE EXIT DEVICE (HEAVY WEIGHT, EXIT ONLY)	SARGENT	12 NB MD8610 EO	US32D
2	DOOR CLOSER (STOP)	NORTON	CPS7500	689
2	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	GASKETING	PEMKO	S88D	–
2	SWEEP	PEMKO	315CN	–
2	MEETING STILE SEAL	PEMKO	305CN	–

HARDWARE SET #TI-13B	LOCKER ROOM/RESTROOM VESTIBULE TO WAREHOUSE EMERGENCY EXIT ONLY		HOLLOW METAL DOUBLE DOOR	
FUNCTION: NO EXTERIOR TRIM, EMERGENCY EXIT ONLY, VERTICAL ROD EXIT DEVICES X REMOVABLE MULLION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
6	HINGE (HEAVY DUTY)	MCKINNEY	T4A4786 NRP	US26D
2	RIM FIRE EXIT DEVICE (HEAVY WEIGHT, EXIT ONLY)	SARGENT	12 8610 EO	US32D
1	REMOVABLE LOCKABLE MULLION	SARGENT	12 L980S	PC
1	MULLION CYLINDER KIT	SARGENT	70 980C1	US26D
1	PERMANENT KEYED CORE	--	BY OTHERS	626
2	DOOR CLOSER (STOP)	NORTON	CPS7500	689
2	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	MULLION SEAL	PEMKO	5110BL	–
1	GASKETING	PEMKO	S88D	–
2	SWEEP	PEMKO	315CN	–
2	MEETING STILE SEAL	PEMKO	305CN	–

HARDWARE SET #TI-14	BREAKROOM NON-RATED PARTITION		HOLLOW METAL DOUBLE DOOR	
FUNCTION: PUSH/PULL PLATES, NO LOCK FUNCTION				
QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
6	HINGE (HEAVY DUTY)	MCKINNEY	T4A4786 NRP	US26D
2	PUSH PLATE	ROCKWOOD	70G 4" X 20"	US32D
2	PULL PLATE	ROCKWOOD	110X70C 4" X 16"	US32D
2	SURF OVERHEAD STOP	RIXSON	9 - 36	652
2	DOOR CLOSER	NORTON	(P)7500	689
2	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
2	ARMOR PLATE - PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
2	EDGE GUARD	MARKAR	EG308	630
2	SILENCER	ROCKWOOD	608-RKW	–

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PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moen

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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JOB NO.	DATE
701086	3/5/2021

ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET

3/5/2021

INTERIOR DOOR HARDWARE SCHEDULE

A-408

INTERIOR DOOR HARDWARE SCHEDULE

NOTE: NOT ALL HARDWARE SETS MAY BE USED AT THIS SPECIFIC PROJECT LOCATION

HARDWARE SET #TI-15 — **BREAKROOM SWING DOOR** — HOLLOW METAL SINGLE DOOR, SWING

FUNCTION: PUSH/PULL PLATES, NO LOCK FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	TA4A3786 NRP	US26D
1	PUSH PLATE	ROCKWOOD	70C-4" X 20"	US32D
1	PULL PLATE	ROCKWOOD	110X70C 4" X 16"	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE - PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE - PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
1	EDGE GUARD	MARKAR	EG308	630
3	SILENCER	ROCKWOOD	608-RKW	–

HARDWARE SET #TI-16 — **UNISEX TOILET ROOM** — HOLLOW METAL SINGLE DOOR, SWING

FUNCTION: MECHANICAL CYLINDER LOCK, INDICATOR PRIVACY FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE	MCKINNEY	TA2714 NRP	US26D
1	PRIVACY SET	SARGENT	LB V21 8266 LNP	US26D
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	MOP PLATE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–
1	COAT HOOK	ROCKWOOD	790	US26D
1	WALL SIGN	ROCKWOOD	UNISEX #BFG009	BLUE

HARDWARE SET #TI-16A — **NEW MOTHER'S ROOM** — HOLLOW METAL OR WOOD SINGLE DOOR, SWING

FUNCTION: MECHANICAL CYLINDER LOCK, INDICATOR PRIVACY FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE	MCKINNEY	TA2714 NRP	US26D
1	PRIVACY SET	SARGENT	LB V21 8266 LNP	US26D
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	MOP PLATE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOOR STOP	ROCKWOOD	441	US26D
3	SILENCER	ROCKWOOD	608-RKW	–
1	COAT HOOK	ROCKWOOD	790	US26D

HARDWARE SET #TI-17 — **TRUCKER'S (DRIVER'S) CAGE** — CHAINLINK, SINGLE GATE ACCESS CONTROLLED

FUNCTION: ELECTRIFIED R.I.M. EXIT DEVICE W/EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE	–	BY GATE MANUFACTURER	–
1	KEEDEX BOX	KEEDEX	K-BOXT11150 (SUPPLIED BY GATE MANUFACTURER)	–
1	PERMANENT KEYED CORE	–	BY OTHERS	–
1	RIM EXIT DEVICE (ELEC LEVER, RX)	SARGENT	55 70 8876-12V ETP	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	GATE PLATE KIT	DETEX	GTPL X GTSTKBKT X GTPLGRD	–
1	SURFACE ARMORED DOOR CORD	SECURITRON	TSB-CITSB-CXL	–
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–
1	CARD READER	–	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–
1	POWER SUPPLY	–	BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. POWER SUPPLY, CARD READERS AND DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR. CARD READER TO SHUNT EGRES ALARM. GATE PLATE KIT INCLUDES PLATE (ADJUSTABLE FROM 32 TO 52 WIDE), STRIKE LATCH RECEIVER BRACKET, AND GATE LATCH PROTECTOR. FENCE MANUFACTURER SHALL PROVIDE STEEL PLATE TO BLOCK ACCESS TO INTERIOR DOOR HARDWARE FROM UNSECURE SIDE. PLATE SHALL EXTEND 12" ABOVE AND BELOW AND TO BOTH SIDES OF DOOR HARDWARE. FENCING MANUFACTURER TO PROVIDE STEEL PLATE ADJACENT TO GATE DOOR AND KEEDEX BOX FOR EXIT DEVICE TRIM. KEEDEX BOX TO BE MOUNTED 40 AFF TO CENTER OF BOX. FACE FLUSH WITH PUSH SIDE OF GATE. FENCING MANUFACTURER TO COORDINATE CLOSER MOUNTING SURFACE.

HARDWARE SET #TI-18 — **TRUCKER'S LOUNGE** — HOLLOW METAL SINGLE DOOR

FUNCTION: MECHANICAL CYLINDER, PASSAGE FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE	MCKINNEY	TA2714 NRP	US26D
1	PASSAGE SET	SARGENT	28 10U15 LP	US26D
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOOR STOP	ROCKWOOD	411	US26D
3	SILENCER	ROCKWOOD	608-RKW	–

HARDWARE SET #TI-20 — **ELECTRICAL SWITCHGEAR ROM, DEMAR ROOM (ENS), IT (ENS) ROOM** — HOLLOW METAL SINGLE DOOR

FUNCTION: EXTERIOR LEVER, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	TA4A3786 NRP	US26D
1	RIM EXIT DEVICE (STORE. LEVER)	SARGENT	70 8804 ETP	US32D
1	PERMANENT KEYED CORE	–	BY OTHERS	–
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
3	SILENCER	ROCKWOOD	608-RKW	–

NOTE: PROVIDE FIRE RATED EXIT HARDWARE AND GASKETING AT RATED OPENINGS.

HARDWARE SET #TI-20A — ELECTRICAL SWITCHGEAR ROM, DEMAR ROOM (ENS), IT (ENS) ROOM — HOLLOW METAL DOUBLE DOOR

FUNCTION: EXTERIOR LEVER, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
6	HINGE (HEAVY WEIGHT)	MCKINNEY	TA4A3786 NRP	US26D
1	REMOVABLE LOCKABLE MULLION	SARGENT	L980S	PC
2	RIM EXIT DEVICE (STORE. LEVER)	SARGENT	70 8804 ETP	US32D
1	MULLION CYLINDER KIT	SARGENT	70 980C1	US26D
1	PERMANENT KEYED CORE	–	BY OTHERS	–
2	DOOR CLOSER	NORTON	(P)7500	689
2	ARMOR PLATE PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
2	ARMOR PLATE PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
2	SILENCER	ROCKWOOD	608-RKW	–
1	MULLION SEAL	PEMKO	5110BL	–

NOTE: PROVIDE FIRE RATED EXIT HARDWARE AND GASKETING AT RATED OPENINGS.

HARDWARE SET #TI-21 — **DEMARC ROOM** — HOLLOW METAL SINGLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIFIED MORTISE LOCK WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	HINGE (HEAVY WEIGHT)	MCKINNEY	TA4A3786 NRP	US26D
1	ELECTRIC HINGE (HEAVY WEIGHT)	MCKINNEY	TA4A3786 QC8	US26D
1	FAIL SECURE ELECTRIC MORTISE LOCK	SARGENT	RX-70 8271-12V LNP	US26D
1	PERMANENT KEYED CORE	–	BY OTHERS	–
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE - W/HS SIDE	ROCKWOOD	K1050 34" CSK BEV	US32D
1	KICK PLATE - INT. SIDE	ROCKWOOD	K1050 10" CSK BEV	US32D
1	DOOR STOP	ROCKWOOD	441	US26D
1	GASKETING	PEMKO	S88D	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	–
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–
1	CARD READER	–	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–
1	POWER SUPPLY	–	BY SECURITY CONTRACTOR	–

NOTE: THRESHOLD REQUIRED IF BLDG IS NOT DRIED IN. ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READER, DOOR POSITION SWITCH, AND POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR. ARMOR PLATE WAREHOUSE SIDE, KICK PLATE INTERIOR SIDE.

HARDWARE SET #TI-22 — RECRUITING AND STAFFING TELECOM ROOMS — HOLLOW METAL OR WOOD SINGLE DOOR

FUNCTION: MECHANICAL CYLINDER LOCK, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE	MCKINNEY	TA2714 NRP	US26D
1	STOREROOM LOCK	SARGENT	28 70 10G04 LP	US26D
1	PERMANENT KEYED CORE	–	BY OTHERS	–
1	DOOR CLOSER	NORTON	(P)7500	689
1	KICK PLATE	ROCKWOOD	K1050 10" CSK BEV	US32D
1	DOME FLOOR STOP	ROCKWOOD	411	US26D
1	GASKETING	PEMKO	S88D	–

HARDWARE SET #TI-23 — MDF ROOM, IT TEAM ROOM — HOLLOW METAL SINGLE DOOR ACCESS CONTROLLED

FUNCTION: ELECTRIFIED MORTISE LOCK WITH EXTERIOR LEVER, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	TA4A3786 NRP	US26D
1	ELECTRIC HINGE (HEAVY WEIGHT	MCKINNEY	TA4A3786 QC8	US26D
1	FAIL SECURE ELECTRIC MORTISE LOCK	SARGENT	RX-70 8271-12V LNP	US26D
1	PERMANENT KEYED CORE	–	BY OTHERS	–
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOOR STOP	ROCKWOOD	441	US26D
1	GASKETING	PEMKO	S88D	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	–
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–
2	CARD READER	–	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–
1	POWER SUPPLY	–	BY SECURITY CONTRACTOR	–

NOTE: ACCESS BY AUTHORIZED CARD CREDENTIAL. ALWAYS FREE EGRESS. CARD READER, DOOR POSITION SWITCH, AND POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR. AT NO TIME IS ANY TYPE OF WINDOW KIT ALLOWED IN THE MDF DOOR LEAF PER TENANT SECURITY REQUIREMENTS. THRESHOLD REQUIRED IF BUILDING IS NOT DRIED IN.

HARDWARE SET #TI-24 — RECRUITING OFFICE REST ROOM — HOLLOW METAL OR WOOD SINGLE DOOR

FUNCTION: PUSH AND PULL PLATES, NO LOCK FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	TA4A3786 NRP	US26D
1	PUSH PLATE	ROCKWOOD	70C 4" X 20"	US32D
1	PULL PLATE	ROCKWOOD	110X70C 4" X 16"	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	KICK PLATE	ROCKWOOD	K1050 10" CSK BEV	US32D
1	MOP PLATE	ROCKWOOD	K1050 6" CSK BEV	US32D
1	DOME FLOOR STOP	ROCKWOOD	411	US26D
3	SILENCER	ROCKWOOD	608-RKW	–
1	WALL SIGN	ROCKWOOD	UNISEX #BF009 WOMENS #BF008 MENS #BF007	BLUE

HARDWARE SET #TI-25 — **TEMPORATY IDF CAGE** — CHAINLINK, SINGLE GATE, ACCESS CONTROLLED

FUNCTION: MECHANICAL CYLINDER LOCK, STOREROOM FUNCTION, FAIL SECURE ELECTRIC STRIKE

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	GATE HINGE	–	BY GATE MANUFACTURER	–
1	KEEDEX BOX	KEEDEX	K-BXRHO (SUPPLIED BY GATE MANUFACTURER)	–
1	PERMANENT KEYED CORE	–	BY OTHERS	–
1	STOREROOM LOCK	SARGENT	28 70 10G04 LP	US26D
1	ELECTRIC STRIKE (FAIL SECURE)	HES	1006CS	630
1	LATCH PROTECTOR	ROCKWOOD	320 / 321	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–
2	CARD READER	–	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–
1	POWER SUPPLY	SECURITRON	DPS BY SECURITY CONTRACTOR	–

NOTE: FENCE MANUFACTURER SHALL PROVIDE KEEDEX BOX AND STEEL PLATE TO BLOCK ACCESS TO INTERIOR DOOR HARDWARE FROM UNSECURE SIDE. PLATE SHALL EXTEND 12" ABOVE AND BELOW AND TO BOTH SIDES OF DOOR HARDWARE. CAGE FRAME SHALL INCLUDE STRIKE BOX SIZED TO ACCEPT ELECTRIC STRIKE. ELECTRIC STRIKE TO BE FAIL SECURE. CARD READER IN / OUT. CARD READER, DOOR POSITION SWITCH, AND POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR.

HARDWARE SET #TI-26 — **MAINTENANCE CAGE, SAFETY CAGE, AND DEMARC CAGE (AMZL)** — CHAINLINK SINGLE GATE

FUNCTION: MECHANICAL CYLINDER LOCK, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	GATE HINGE	–	BY GATE MANUFACTURER	–
1	KEEDEX BOX	KEEDEX	K-BXRHO (SUPPLIED BY GATE MANUFACTURER)	–
1	PERMANENT KEYED CORE	–	BY OTHERS	–
1	STOREROOM LOCK	SARGENT	28 70 10G04 LP	US26D
1	DOOR CLOSER	NORTON	(P)7500	689
1	DOOR POSITION SWITCH **	–	DPS BY SECURITY CONTRACTOR	–

NOTE: FENCE MANUFACTURER SHALL PROVIDE KEEDEX BOX AND STEEL PLATE TO BLOCK ACCESS TO INTERIOR DOOR HARDWARE FROM UNSECURE SIDE. KEEDEX BOX TO BE MOUNTED 40" AFF TO CENTER OF BOX, FACE FLUSH WITH PUSH SIDE OF GATE. STEEL PLATE SHALL EXTEND 12" ABOVE AND BELOW AND TO BOTH SIDES OF DOOR HARDWARE. MOUNTING PLATE FOR CLOSER AND LOCKSET COORDINATION SHALL BE PROVIDED BY GATE MFR.
** DOOR POSITION SWITCH FOR SUPERVISED DEMARC CAGE ONLY.

HARDWARE SET #TI-26A — **IT CAGE, PARTS STORAGE, MSC, AR MAINTENANCE CAGE, HRV CAGE, DEMARC CAGE (ACCESS CONTROLLED), AND TURNSTILE BYPASS CAGE** — CHAINLINK, SINGLE GATE, ACCESS CONTROLLED

FUNCTION: ELECTRIFIED CYLINDER LOCK WITH LEVERS, FAIL SECURE, INTEGRATED REQUEST TO EXIT

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	GATE HINGE	–	BY GATE MANUFACTURER	–
1	KEEDEX BOX	KEEDEX	K-BXRHO (SUPPLIED BY GATE MANUFACTURER)	–
1	LOCK - FAIL SECURE	SARGENT	RX 28 70 10G71-12V LP	US26D
1	PERMANENT KEYED CORE	–	BY OTHERS	–
1	DOOR CLOSER	NORTON	(P)7500	689
1	DOOR LOOP	SECURITRON	TTSB-CITSB-CXL	–
1	LATCH PROTECTOR	ROCKWOOD	320 / 321	US32D
1	ELECTROLYNX HARNESS	MCKINNEY	QC-C1500 (P)	–
1	ELECTROLYNX HARNESS	MCKINNEY	QC-CXX(P) AS REQ'D	–
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–
QTY'S VARY	CARD READER -SEE SECURITY DWGS)	–	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–
1	POWER SUPPLY	SECURITRON	BPS BY SECURITY CONTRACTOR	–

NOTE: GATE MANUFACTURER SHALL PROVIDE KEEDEX BOX AND STEEL PLATE TO BLOCK ACCESS TO INTERIOR DOOR HARDWARE FROM UNSECURE SIDE. PLATE SHALL EXTEND 12" ABOVE AND BELOW AND TO BOTH SIDES OF DOOR HARDWARE. MOUNTING PLATE FOR CLOSER AND LOCKSET COORDINATION SHALL BE PROVIDED BY GATE MANUFACTURER. CARD READERS, DOOR POSITION SWITCH, AND POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR.

AT ALL CAGES, THIS SET SHALL BE APPLIED ONLY TO PEDESTRIAN GATES. SLIDING GATES THAT LEAD INTO CAGES DO NOT REQUIRE ACCESS CONTROL OR ELECTRIFIED LOCKING HARDWARE.

HARDWARE SET #TI-26B — **SMOKER'S CANOPY GATE** — WIRE MESH SINGLE GATE

FUNCTION: NO EXTERIOR TRIM, EMERGENCY EXIT ONLY

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	GATE HINGE	–	BY GATE MANUFACTURER	–
1	GATE PLATE KIT	DETEX	GTPL X GTSTKBKT X GTPLGRD	–
1	EXIT DEVICE (RIM, EXIT ONLY)	SARGENT	8810 EO	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–

NOTE: FENCE MANUFACTURER SHALL PROVIDE MOUNTING PLATE FOR CLOSER. MOUNTING PLATE FOR CLOSER AND LOCKSET COORDINATIONS HALL BE PROVIDED BY GATE MANUFACTURER. DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR.

HARDWARE SET #TI-26C — SECURE ASSOCIATE PARKING GATE — WIRE MESH SINGLE GATE

FUNCTION: ELECTRONIC ACCESS CONTROLLED

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	GATE HINGE	–	BY GATE MANUFACTURER	–
1	KEEDEX BOX	KEEDEX	K-BXT11150 (SUPPLIED BY GATE MANUFACTURER)	–
1	RIM/MORTISE CYLINDER	SARGENT	72 3443 AS REQ'D	US32D
1	PERMANENT KEYED CORE	–	BY OTHERS	–
1	DOOR CLOSER	NORTON	(P)7500	689
1	GATE PLATE KIT	DETEX	GTPL X GTSKBKT X GTPLGRD	–
1	RIM EXIT DEVICE (ELECTRIFIED)	DETEX	40 09DN LD ERXEXXW FC3EC1W 99	630
1	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–
1	CARD READER	–	CARD READERS TO BE PROVIDED BY SECURITY CONTRACTOR	–
1	POWER SUPPLY	ALTRONIX	WAYPOINT3	–

NOTE: GATE MANUFACTURER SHALL PROVIDE KEEDEX BOX AND STEEL PLATE TO BLOCK ACCESS TO INTERIOR DOOR HARDWARE FROM UNSECURE SIDE. PLATE SHALL EXTEND 12" ABOVE AND BELOW AND TO BOTH SIDES OF DOOR HARDWARE. MOUNTING PLATE FOR CLOSER AND LOCKSET COORDINATION SHALL BE PROVIDED BY GATE MANUFACTURER. CARD READERS, DOOR POSITION SWITCH, AND POWER SUPPLY TO BE PROVIDED BY SECURITY CONTRACTOR.

AT ALL CAGES, THIS SET SHALL BE APPLIED ONLY TO PEDESTRIAN GATES. SLIDING GATES THAT LEAD INTO CAGES DO NOT ERQUIRE ACCESS CONTROL OR ELECTRIFIED LOCKING HARDWARE.

HARDWARE SET #TI-26D — EMERGENCY EXIT ONLY DOUBLE CAGE DOOR — WIRE MESH DOUBLE GATE

FUNCTION: NO EXTERIOR TRIM, EMERGENCY EXIT ONLY

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
6	GATE HINGE	–	BY FENCE MANUFACTURER	–
1	FIXED MULLION	–	BY FENCE MANUFACTURER	–
2	GATE PLATE KIT	DETEX	GTPL X GTSKBKT X GTPLGRD	–
2	RIM DEVICE (RIM, EXIT ONLY)	SARGENT	8810 EO	US32D
2	DOOR CLOSER	NORTON	(P)7500	689
2	DOOR POSITION SWITCH	–	DPS BY SECURITY CONTRACTOR	–

NOTE: FENCE MANUFACTURER SHALL PROVIDE MOUNTING PLATE FOR CLOSER. MOUNTING PLATE FOR CLOSER AND LOCKSET COORDINATION SHALL BE PROVIDED BY GATE MANUFACTURER. DOOR POSITION SWITCH TO BE PROVIDED BY SECURITY CONTRACTOR.

HARDWARE SET #TI-27 — EGRESS CORRIDOR — HOLLOW METAL DOUBLE DOOR

FUNCTION: EXTERIOR LEVER, PASSAGE FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
8	HINGE (HEAVY WEIGHT)	MCKINNEY	TA4A3786 NRP	US26D
2	CONCEALED VERTICAL ROD FIRE EXIT, HEAVY WEIGHT (PASSAGE)	SARGENT	12 NB MD8615 ETP	US32D
2	DOOR CLOSER	NORTON	(P)7500	689
2	ARMOR PLATE PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
2	ARMOR PLATE PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	GASKETING	PEMKO	S88D	–
2	SWEEP	PEMKO	315CN	–
2	ELECTROMAGNETIC HOLDER	RIXSON	998M (TIE INTO BLDG FIRE ALARM SYSTEM)	689
1	MEETING STILE SEAL	PEMKO	5772D	–

HARDWARE SET #TI-28 — STAIRWELL AND EGRESS CORRIDOR — HOLLOW METAL SINGLE DOOR

FUNCTION: EXTERIOR LEVER, PASSAGE FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE (HEAVY WEIGHT)	MCKINNEY	TA4A3786 NRP	US26D
1	RIM FIRE EXIT DEVICE, HEAVY WEIGHT (PASSAGE)	SARGENT	12 8815 ETP	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
1	GASKETING	PEMKO	S88D	–
1	SWEEP	PEMKO	315CN	–

HARDWARE SET #TI-28A — STAIRWELL AND EGRESS CORRIDOR — HOLLOW METAL SINGLE DOOR (IN EXCESS OF 40" WIDE)

FUNCTION: EXTERIOR LEVER, PASSAGE FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
4	HINGE (HEAVY WEIGHT)	MCKINNEY	TA4A3786 NRP	US26D
1	RIM FIRE EXIT DEVICE, HEAVY WEIGHT (PASSAGE)	SARGENT	12 8815 ETP	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	DOME FLOOR STOP	ROCKWOOD	441	US26D
1	GASKETING	PEMKO	S88D	–
1	SWEEP	PEMKO	315CN	–

HARDWARE SET #TI-29 — SHOVEL CLOSET — HOLLOW METAL DOUBLE DOOR

FUNCTION: MECHANICAL CYLINDER LOCK, STOREROOM FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
6	HINGE	MCKINNEY	TA2714 NRP	US26D
1	DUST PROOF STRIKE	ROCKWOOD	570	US26D
2	FLUSH BOLT - HM	ROCKWOOD	555	US26D
1	STOREROOM LOCK	SARGENT	28 70 10G04 LP	US26D
1	PERMANENT KEYED CORE	–	BY OTHERS	–
2	DOOR CLOSER	NORTON	(P)7500	689
2	SURFACE OVERHEAD HOLD OPEN	RIXSON	9-8	652
2	ARMOR PLATE PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
2	ARMOR PLATE PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
2	DOOR STOP	ROCKWOOD	441	US26D
2	SWEEP	PEMKO	315CN	–

HARDWARE SET #TI-30 — SINGLE LEAF, EGRESS CORRIDOR SWING DOOR — HOLLOW METAL SINGLE DOOR

FUNCTION: EXTERIOR LEVER, PASSAGE FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
3	HINGE	MCKINNEY	TA2714 NRP	US26D
1	RIM FIRE EXIT DEVICE, HEAVY WEIGHT (PASSAGE)	SARGENT	12 8815 ETP	US32D
1	DOOR CLOSER	NORTON	(P)7500	689
1	ARMOR PLATE PUSH SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	ARMOR PLATE PULL SIDE	ROCKWOOD	K1050 (-F) 34" CSK BEV	US32D
1	GASKETING	PEMKO	S88D	–
1	SWEEP	PEMKO	315CN	–
1	ELECTROMAGNETIC HOLDER	RIXSON	998M (TIE INTO BLDG FIRE ALARM SYSTEM)	689

HARDWARE SET #TI-31 — **TURNSTILE** — TANDEM FULL-HEIGHT TURNSTILE

FUNCTION: FAIL SECURE ON INGRESS, FAIL SAFE ON EGRESS, FIRE ALARM RELAY INTEGRATION REQ'D

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	HARDWARE NOT IN CONTRACT	–	BY TURNSTILE MANUFACTURER	–

HARDWARE SET #TI-32 — **MAIN EMPLOYEE ENTRY VESTIBULE W/AUTO OPERATOR - NON LATCHING** — ALUMINUM STOREFRONT DOUBLE DOOR

FUNCTION: EXTERIOR PULL, PASSAGE FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	CONTINUOUS HINGE W/CUTOUT	PEMKO	CFM SLF-HD1	VERIFY
2	PUSH BAR	ROCKWOOD	47-PB	US32D
2	DOOR PULL	ROCKWOOD	BF157	US32D
2	DOOR OPERATOR SWITCH	NORTON	503	–
1	DOOR CLOSER (TOP JAMB)	NORTON	UNI7500	689
1	AUTO DOOR OPERATOR	NORTON	6061	689
1	SET WEATHERSTRIP	–	BY DOOR MANUFACTURER	VERIFY

NOTE: ALWAYS FREE EGRESS AND ENTRY. WIDE STILES AND TOP RAIL REQUIRED. CONFIRM OPERATOR SWITCH MOUNTING LOCATION, MOUNTING REQUIREMENTS, AND SWITCH TYPE PRIOR TO ORDER. PROVIDE POWER TO DOOR OPERATOR AND COORDINATE ROUGH-IN REQUIREMENTS WITH E.C.

HARDWARE SET #TI-33 — **MAIN EMPLOYEE ENTRY VESTIBULE PUSH/PULL - NON-LATCHING** — ALUMINUM STOREFRONT DOUBLE DOOR

FUNCTION: EXTERIOR PULL, PASSAGE FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
2	CONTINOUS HINGE W/CUTOUT	PEMKO	CFM SLF-HD1	VERIFY
2	PUSH BAR	ROCKWOOD	47-PB	US32D
2	DOOR PULL	ROCKWOOD	BF157	US32D
2	DOOR CLOSER	NORTON	UNI7500	689
2	BLADE STOP SPACER	NORTON	6190/6191 AS REQ'D	689
2	DROP PLATE	NORTON	7788	689
1	SET WEATHERSTRIP	–	BY DOOR MANUFACTURER	VERIFY

NOTE: ALWAYS FREE EGRESS AND ENTRY.

HARDWARE SET #TI-34 — **SMOKER'S VESTIBULE** — ALUMINUM STOREFRONT SINGLE DOOR

FUNCTION: EXTERIOR PULL, PASSAGE FUNCTION

QTY.	DESCRIPTION	MANUF.	NUMBER	FINISH
1	CONTINOUS HINGE W/CUTOUT	PEMKO	CFM SLF-HD1	VERIFY
1	PUSH BAR	ROCKWOOD	47-PB	US32D
1	DOOR PULL	ROCKWOOD	BF157	US32D
1	DOOR CLOSER	NORTON	UNI7500	689
1	BLADE STOP SPACER	NORTON	6190/6191 AS REQ'D	689
1	DROP PLATE	NORTON	7788	689
1	SET WEATHERSTRIP	–	BY DOOR MANUFACTURER	VERIFY

NOTE: ALWAYS FREE EGRESS AND ENTRY.

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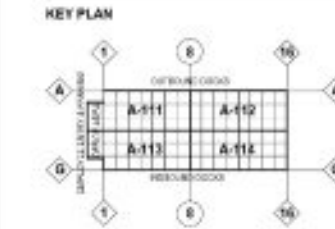
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PRINTED OR TYPED NAME: Eric Moen

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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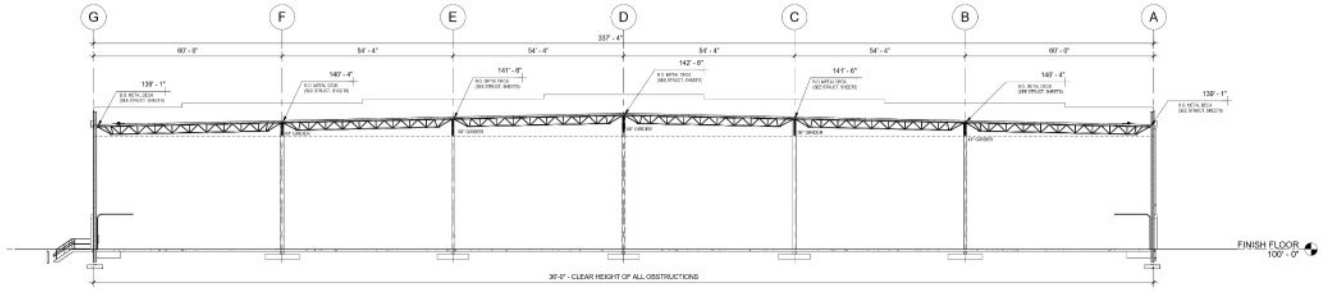
ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

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INTERIOR DOOR HARDWARE SCHEDULE

A-409



A / A-500 BUILDING CROSS SECTION
SCALE: 1/16" = 1'-0"

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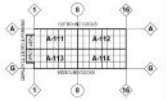
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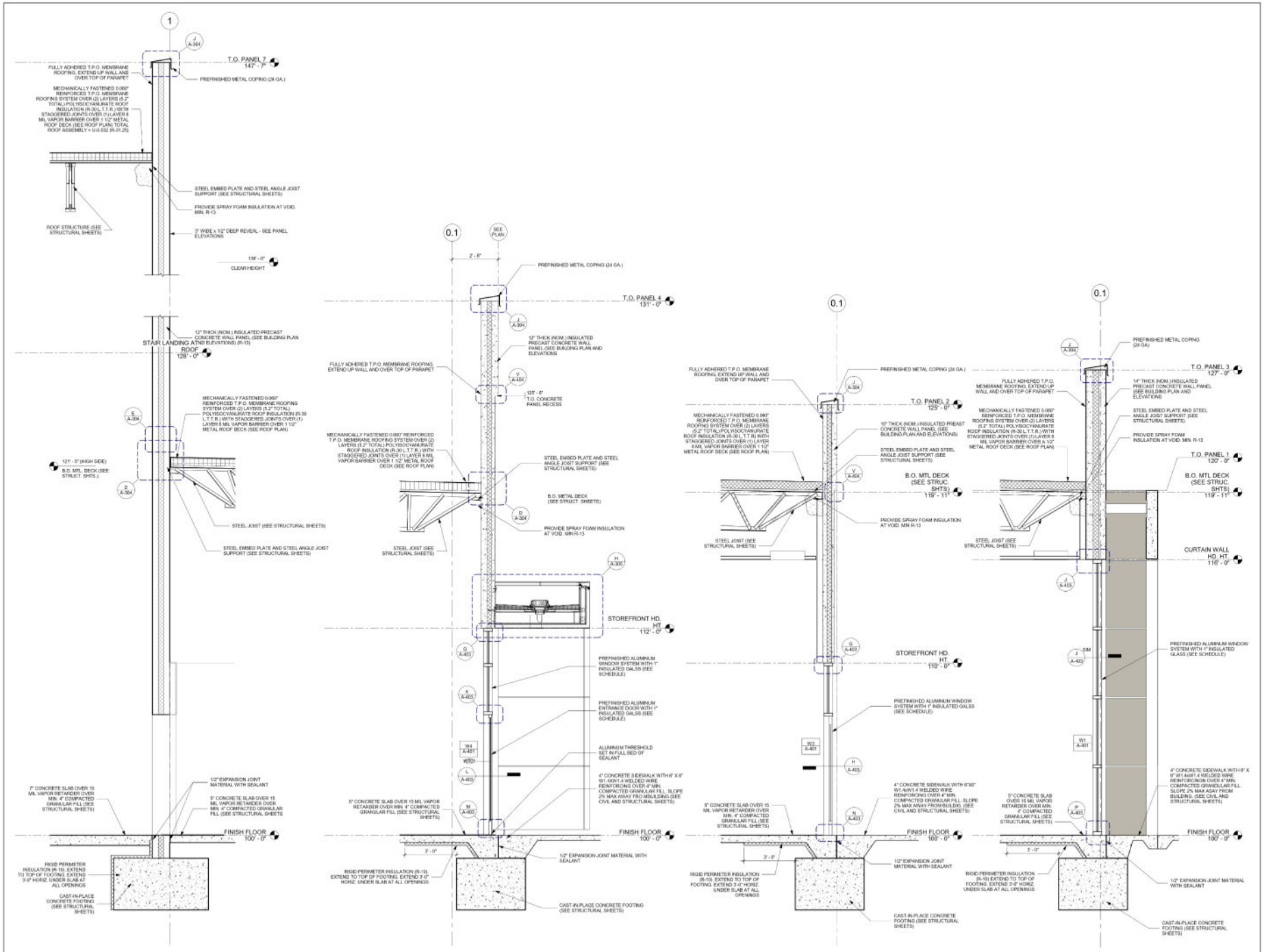
ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

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3/5/2021

BUILDING CROSS SECTION

A-500

3/3/2021 6:03:45 PM



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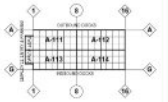
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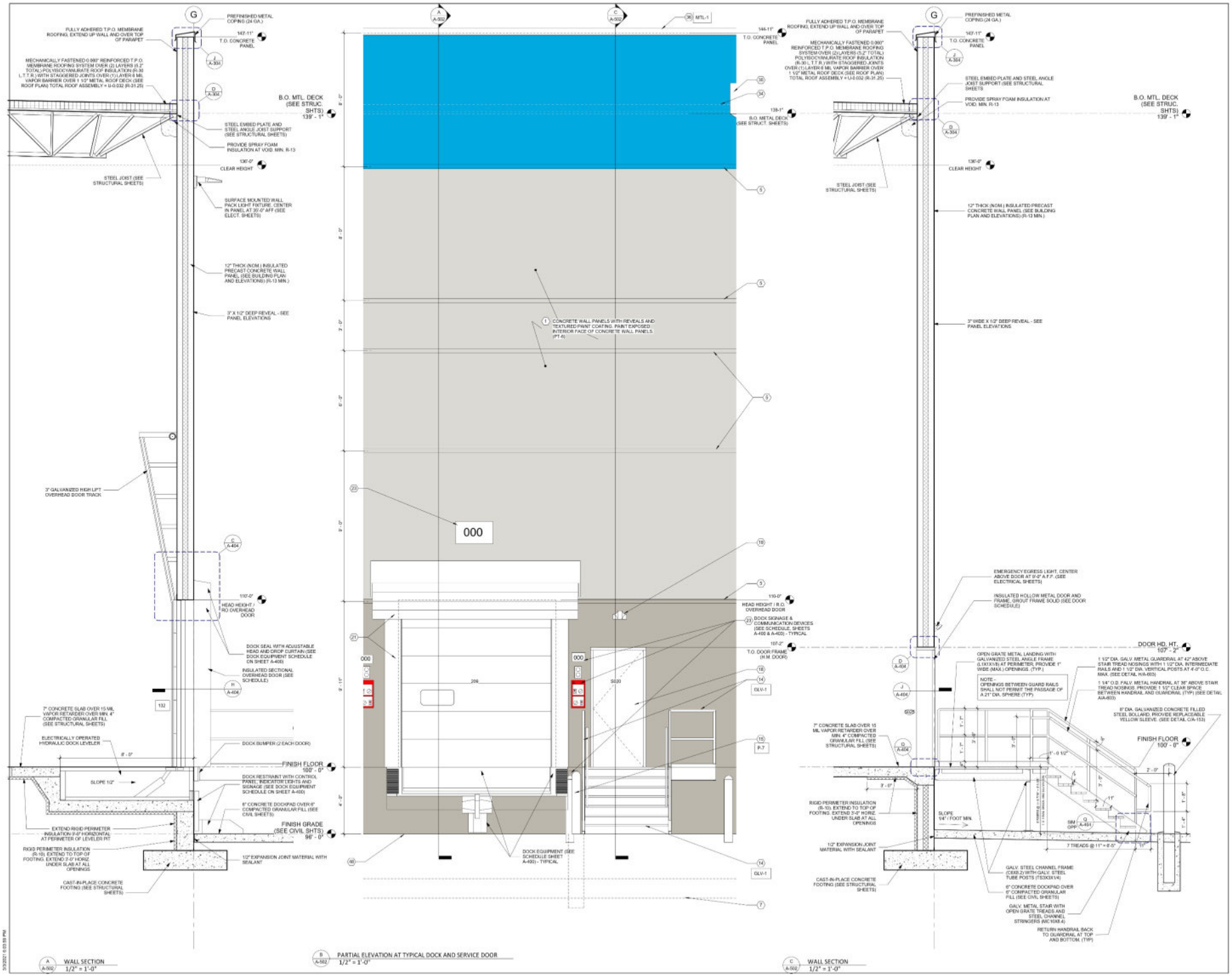
ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

WALL SECTIONS

A-501

3/3/2021 6:05:53 PM



A A-502 WALL SECTION 1/2" = 1'-0"

B A-502 PARTIAL ELEVATION AT TYPICAL DOCK AND SERVICE DOOR 1/2" = 1'-0"

C A-502 WALL SECTION 1/2" = 1'-0"

3/3/2021 6:05:05 PM

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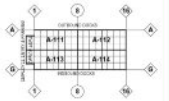
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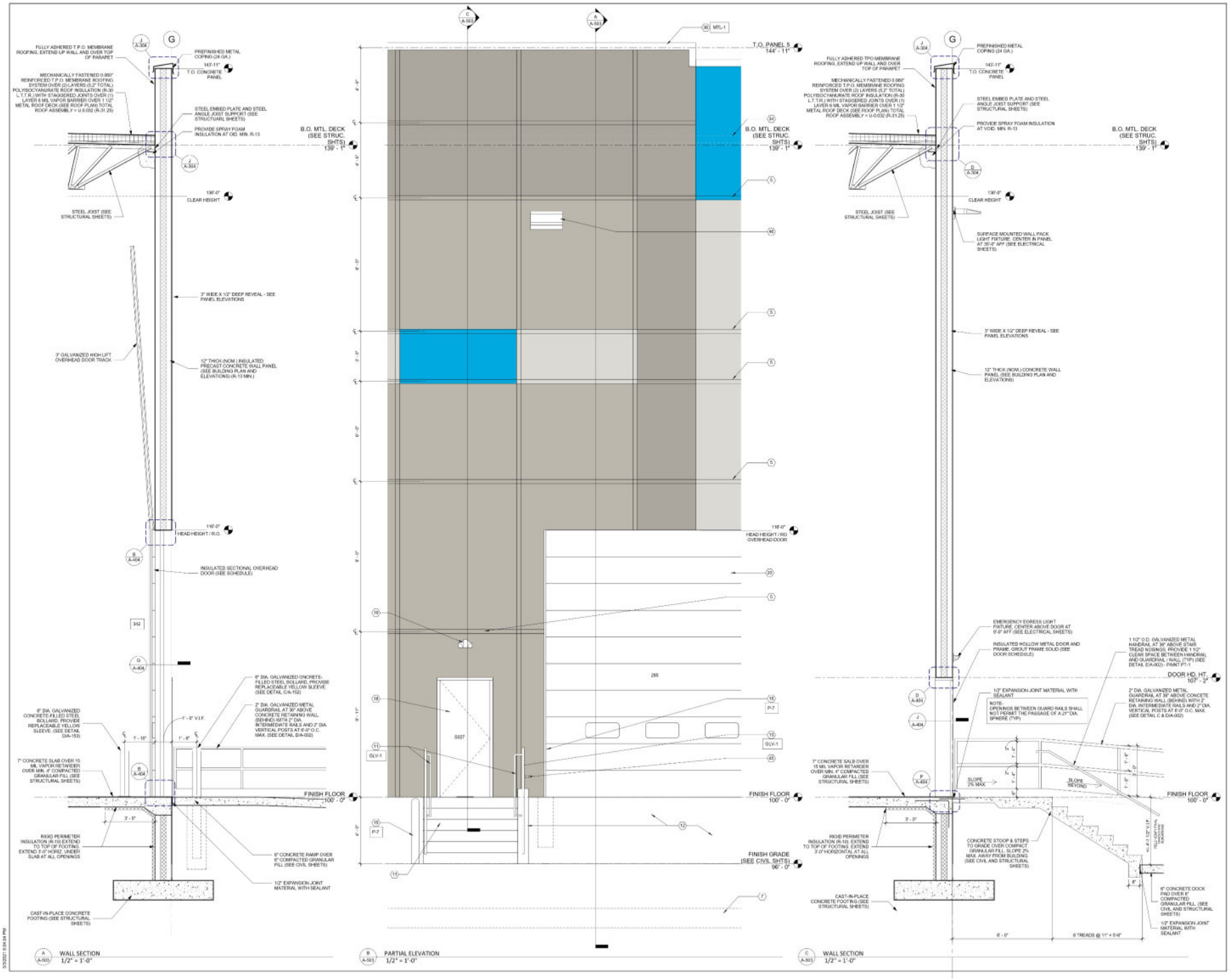
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ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

WALL SECTIONS AND ELEVATION

A-502



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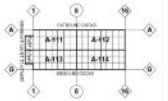
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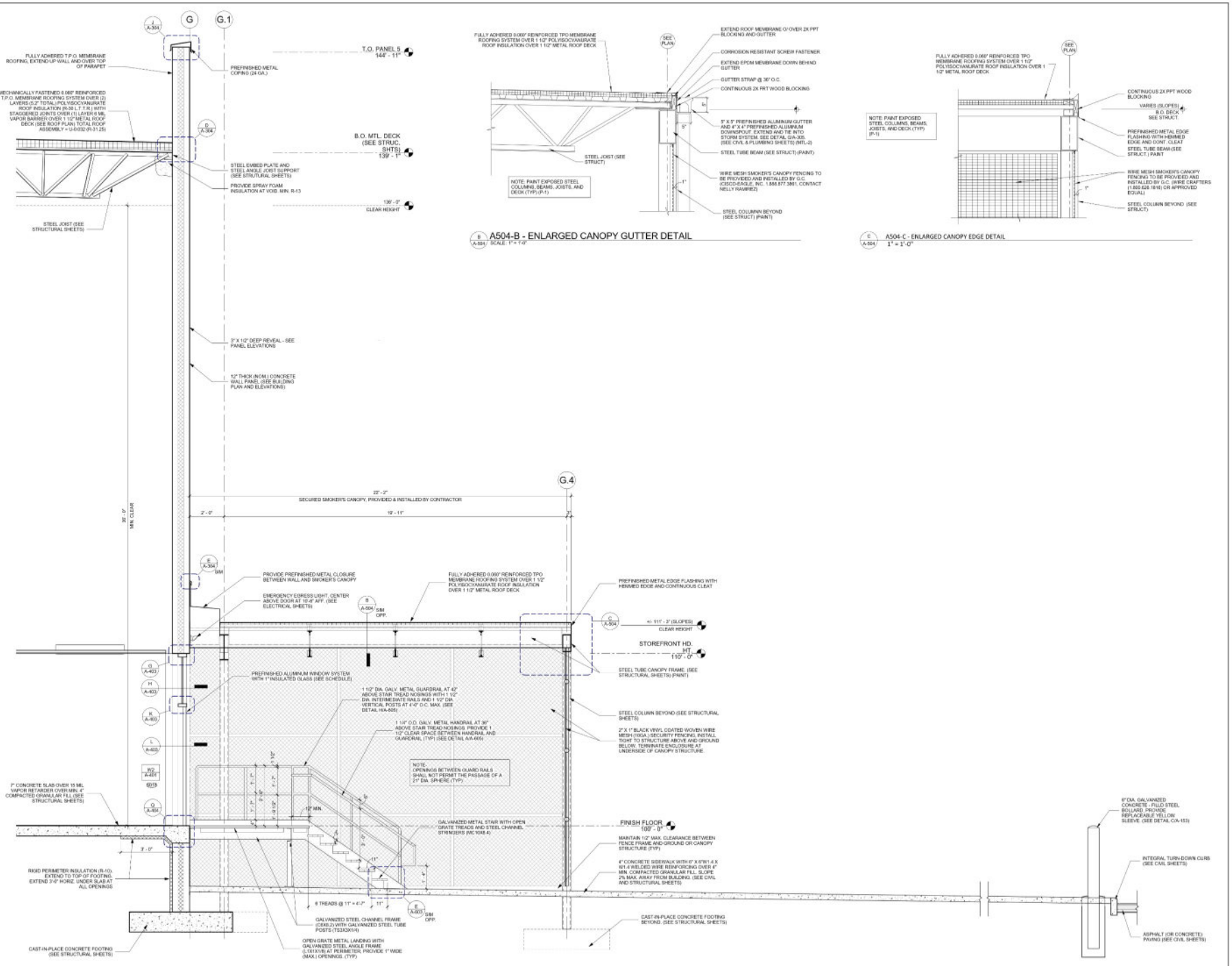
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3/5/2021

WALL SECTIONS AND ELEVATION

A-503

3/3/2021 6:04:04 PM



B A504-B - ENLARGED CANOPY GUTTER DETAIL
A-504 SCALE: 1" = 1'-0"

C A504-C - ENLARGED CANOPY EDGE DETAIL
A-504 1" = 1'-0"

A WALL SECTION AT SECURED SMOKER'S CANOPY
A-504 SCALE: 1/2" = 1'-0"

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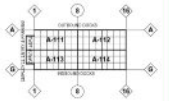
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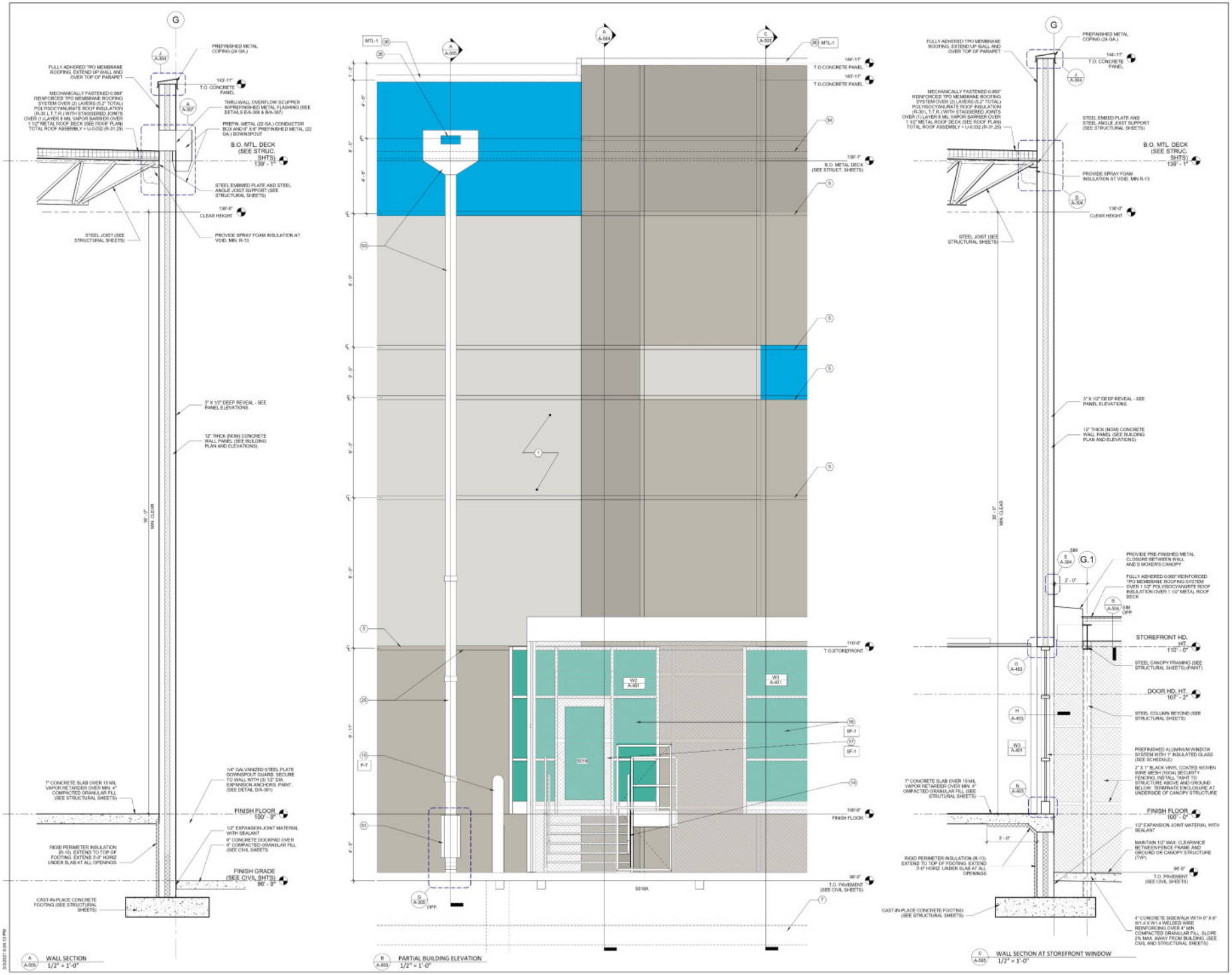
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WALL SECTION AT SMOKER'S CANOPY

A-504

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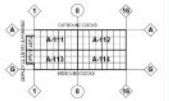
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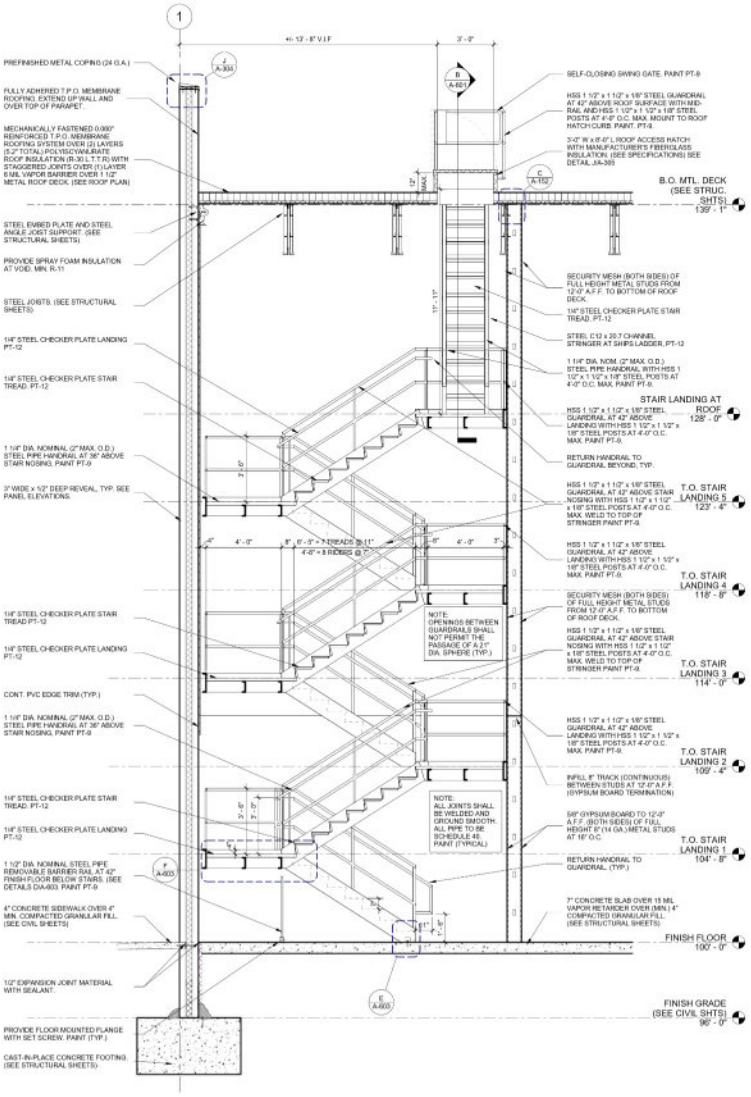
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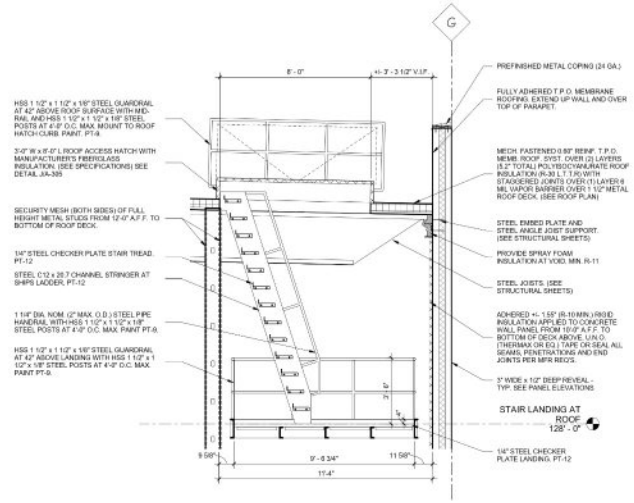
WALL SECTIONS AND ELEVATION

A-505

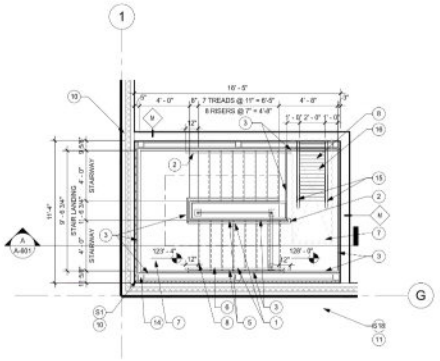
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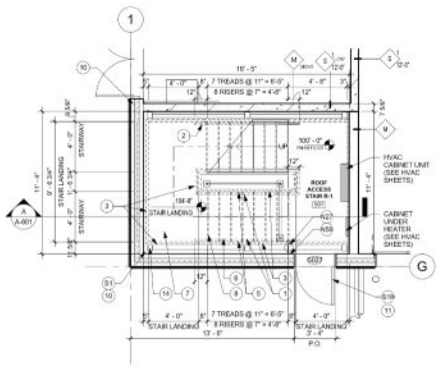
A/A-601 STAIR SECTION - STAIR R-1
3/8" = 1'-0"



B/A-601 STAIR SECTION - STAIR R-1 AT ROOF
3/8" = 1'-0"



C/A-601 ENLARGED STAIR R-1 - ROOF LEVEL
1/4" = 1'-0"



D/A-601 ENLARGED FLOOR PLAN - FIRE PUMP ROOM
1/4" = 1'-0"

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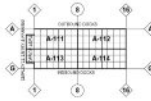
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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JL	MS, EM
JOB NO.	DATE
701068	3/5/2021

ISSUE RECORD

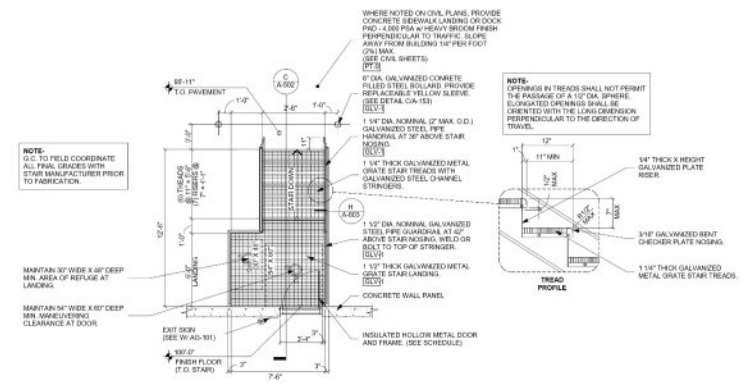
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PERMIT SET
3/5/2021

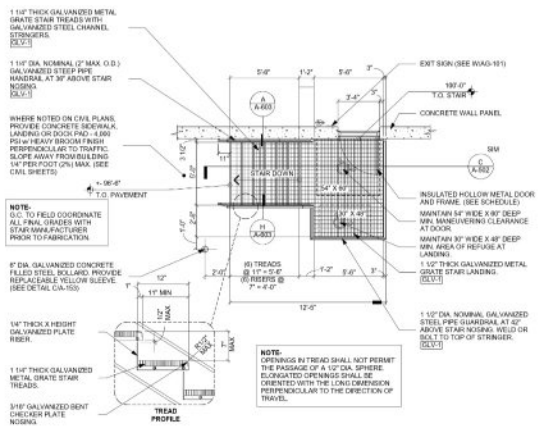
ENLARGED STAIR PLANS AND SECTIONS

A-601

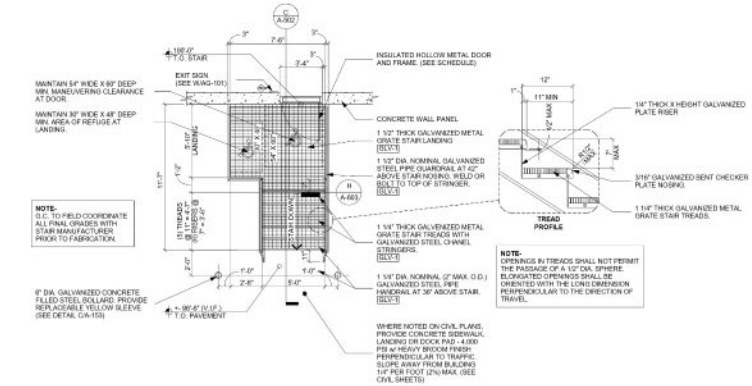
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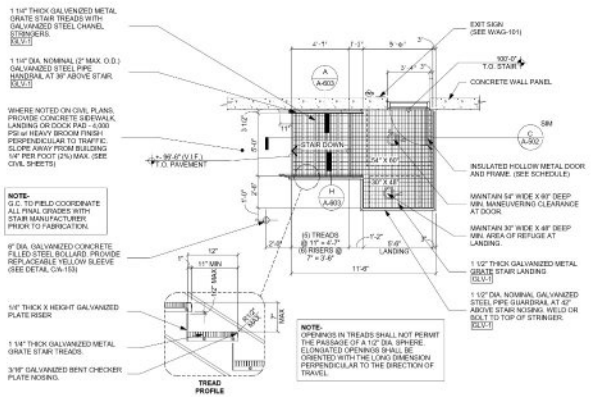
A A-602 ENLARGED STAIR E-1 - SINGLE DOOR (4-0 A.F.G.)
1/4" = 1'-0"
TYPICAL EXTERIOR GALVANIZED METAL STAIRS



B A-602 ENLARGED STAIR E-2 - SINGLE DOOR (4-0 A.F.G.)
1/4" = 1'-0"
TYPICAL EXTERIOR GALVANIZED METAL STAIRS



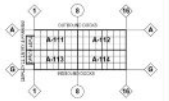
C A-602 ENLARGED STAIR E-3 - SINGLE DOOR (3-6 A.F.G.)
1/4" = 1'-0"
TYPICAL EXTERIOR GALVANIZED METAL STAIRS



D A-602 ENLARGED STAIR E-4 - SINGLE DOOR (3-6 A.F.G.)
1/4" = 1'-0"
TYPICAL EXTERIOR GALVANIZED METAL STAIRS

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CONSULTANTS
IES Communications
Bramer Consulting Engineers, P.L.L.C.
SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



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PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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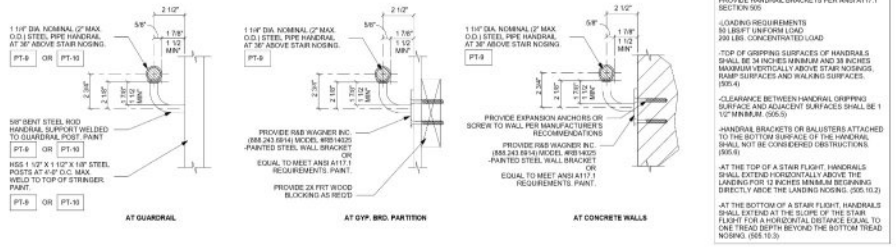
ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

ENLARGED EXTERIOR STAIR PLANS

A-602

3/3/2021 6:34:24 PM



CODE NOTE:

PROVIDE HANDRAIL BRACKETS PER ANSI A117.1 SECTION 505

-LOADING REQUIREMENTS
50 LBS/FT UNIFORM LOAD
200 LBS. CONCENTRATED LOAD

-TOP OF GRIPPING SURFACES OF HANDRAILS SHALL BE 34 INCHES MINIMUM AND 38 INCHES MAXIMUM VERTICALLY ABOVE STAIR NOSINGS, RAMP SURFACES AND WALKING SURFACES. (505.4)

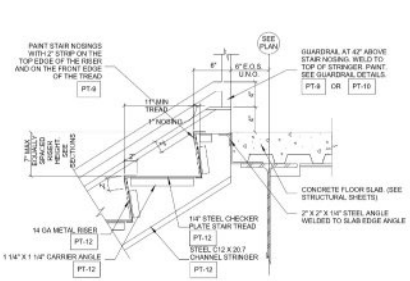
-CLEARANCE BETWEEN HANDRAIL GRIPPING SURFACE AND ADJACENT SURFACES SHALL BE 1 1/2" MINIMUM. (505.5)

-HANDRAIL BRACKETS OR BALUSTERS ATTACHED TO THE BOTTOM SURFACE OF THE HANDRAIL SHALL NOT BE CONSIDERED OBSTRUCTIONS. (505.6)

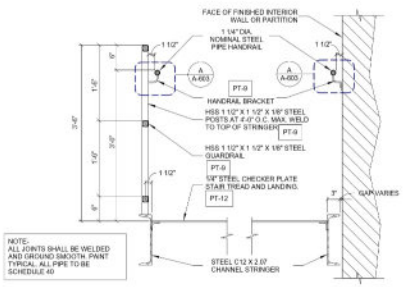
-AT THE TOP OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MINIMUM BEGINNING DIRECTLY ABOVE THE LANDING NOSING. (505.10.2)

-AT THE BOTTOM OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FLIGHT FOR A HORIZONTAL DISTANCE EQUAL TO ONE TREAD DEPTH BEYOND THE BOTTOM TREAD NOSING. (505.10.3)

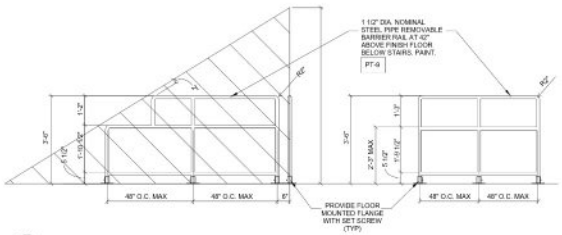
A A-603 ENLARGED HANDRAIL DETAILS
3" = 1'-0"



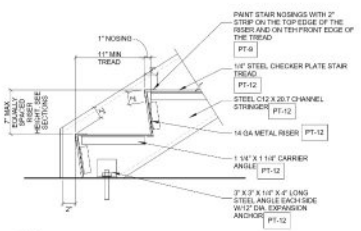
B A-603 ENLARGED STAIR DETAIL
1 1/2" = 1'-0"



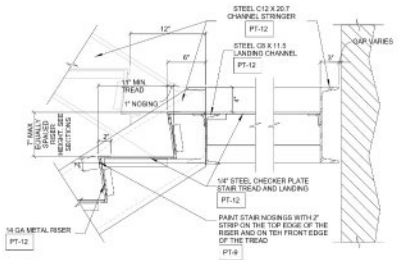
C A-603 STAIR GUARDRAIL HANDRAIL DETAIL
1" = 1'-0"



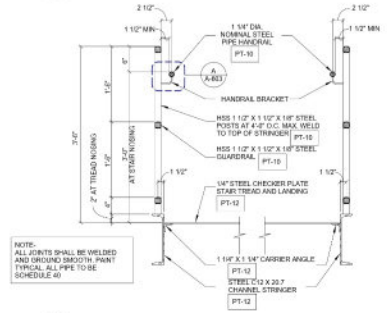
D A-603 UNDER STAIR GUARDRAIL DETAIL
1/2" = 1'-0"



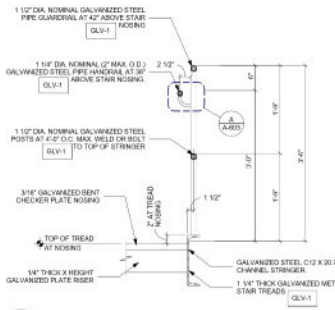
E A-603 ENLARGED STAIR DETAIL
1 1/2" = 1'-0"



F A-603 ENLARGED STAIR DETAIL
1 1/2" = 1'-0"



G A-603 STAIR GUARDRAIL HANDRAIL DETAIL
1" = 1'-0"



NOTE:

ALL STAIR COMPONENTS SHALL BE GALVANIZED STEEL.

ALL JOINTS SHALL BE WELDED AND GROUND SMOOTH. ALL PIPE TO BE SCHEDULE 40.

TOUCH UP ALL GALVANIZED SURFACES AS REQ'D.

ALL METAL SURFACES IN CONTACT W/ CONCRETE SHALL RECEIVE A PROTECTIVE COATING.

CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.

OPENINGS IN TREADS SHALL NOT PERMIT THE PASSAGE OF A 1/2" DIA. SPHERE. ELONGATED OPENINGS SHALL BE ORIENTED WITH THE LONG DIMENSION PERPENDICULAR TO THE DIRECTION OF TRAVEL.

ALTERNATE -REGULAR DUTY GALVANIZED "GRIP STRUT" LANDING AND TREADS ARE ACCEPTABLE.

H A-603 STAIR GUARDRAIL HANDRAIL DETAIL
1" = 1'-0"

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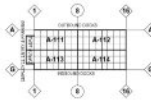
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT
ERIC M. MOES
IOWA
07494
3/3/21
RENEWAL 2020

I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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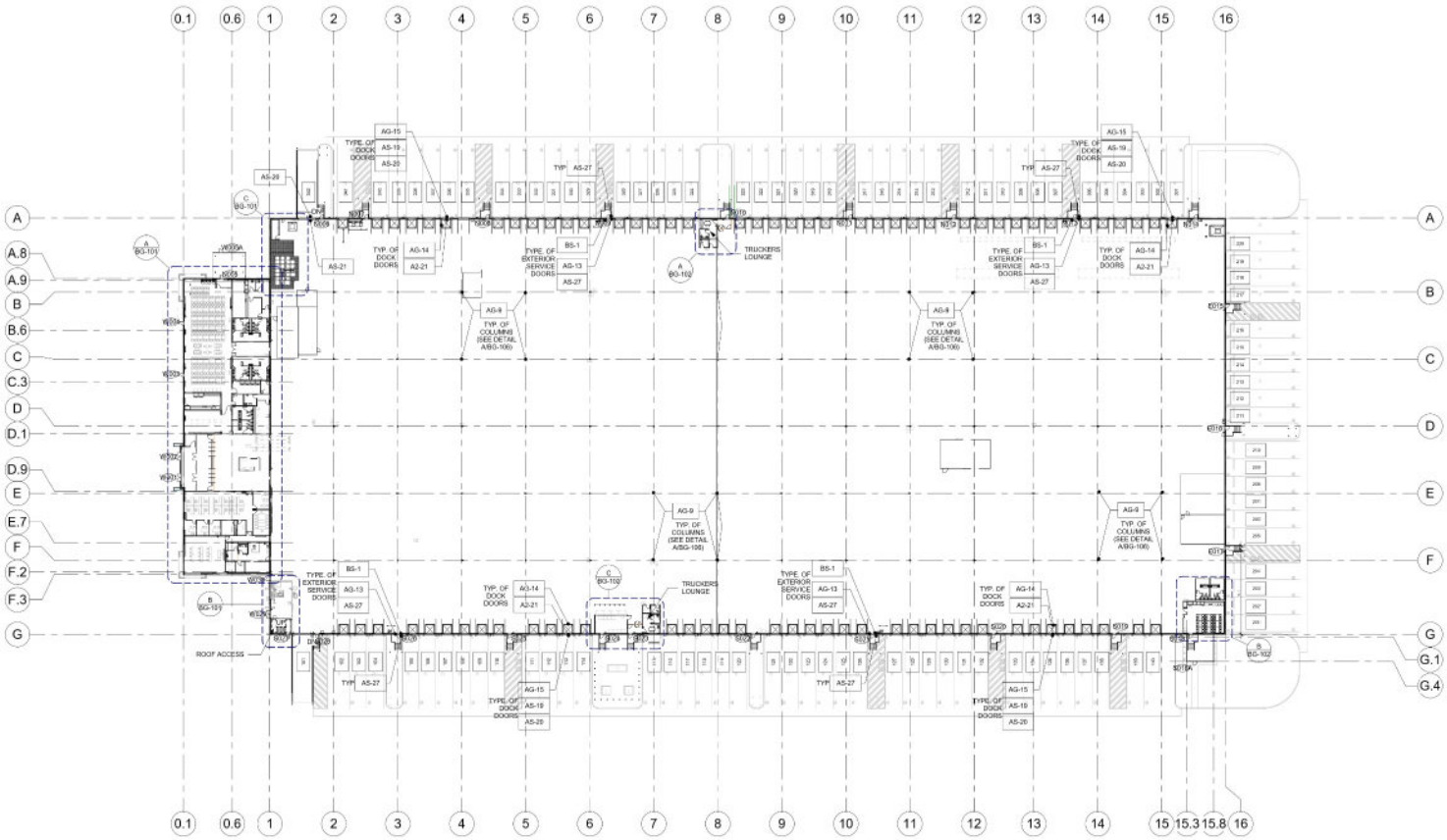
ISSUE RECORD

ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

ENLARGED STAIR DETAILS

A-603



1 BG-100 BUILDING SIGNAGE PLAN
1" = 40'-0"

N

SIGNAGE & GRAPHICS SCHEDULE

SIGN	DESCRIPTION	SIGN	DESCRIPTION
AG-1	WOMEN'S TOILET ROOM FIGURE	AS-27	SERVICE DOOR NUMBER (INTERIOR & EXTERIOR)
AG-2	MEN'S TOILET ROOM FIGURE	AS-28	SERVICE DOOR LABEL (EXTERIOR ONLY)
AG-3	WOMEN'S TOILET ROOM LABEL	AS-36	STAIR FLOOR NUMBER
AG-4	MEN'S TOILET ROOM LABEL	AS-51	NO FIREARMS (WINDOW DECAL AS REQUIRED)
AG-8	WORK HARD. HAVE FUN. MAKE HISTORY.		
AG-9	COLUMN NUMBERING	BS-1	EXIT
AG-10A	GREEN TURNSTILE ARROW	BS-2M	MEN'S TOILET ROOM SIGN
AG-10B	RED TURNSTILE ARROW	BS-2U	UNISEX TOILET ROOM SIGN
AG-11A	STOP SIGN DECAL	BS-2W	WOMEN'S TOILET ROOM SIGN
AG-11B	GREEN YIELD DECAL	BS-3	ELECTRICAL ROOM
AG-12	SECURITY AREA STOP BAR	BS-4	JANITOR CLOSET
AG-13	EMERGENCY EXIT - ALARM WILL SOUND	BS-5	MAXIMUM OCCUPANCY
AG-14	DOCK EDGE SAFETY STRIPE	BS-6	STAIRS
AG-15	LEVELER PIT SIGNS	BS-7	IN CASE OF FIRE USE STAIRS - DO NOT USE ELEVATOR
AG-17	MAXIMUM FLOOR LOADING	BS-8	DRINKING FOUNTAIN
AG-18	VISITORS USE INTERCOM	BS-9	ROOM NAMES AND NUMBERS
AG-19	SLIP HAZARD	BS-RM	ROOM NUMBERS (INSTALLED BELOW GRAPHIC SIGN)
AG-20	NEW MOTHERS ROOM VACANT / IN USE SLIDER		
AS-7	DRIVER'S LOUNGE		
AS-8	RECEIVING DRIVER ENTRANCE		
AS-9	SHIPPING DRIVER ENTRANCE		
AS-12	TRAILERS MUST BE 5FT FROM WALL		
AS-17	VISITORS CHECK IN AT RECEPTION		
AS-18	DOOR NUMBER WINDOW DECAL		
AS-19	LOADING DOCK DOOR NUMBER (MIRROR IMAGE)		
AS-20	LOADING DOCK DOOR NUMBER		
AS-21	LOADING DOCK DOOR/HOD NUMBER - VINYL		

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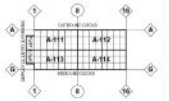
CONSULTANTS

IES Communications

Kramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT — ERIC M. MOES — 07494 — IOWA — 3/3/21

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PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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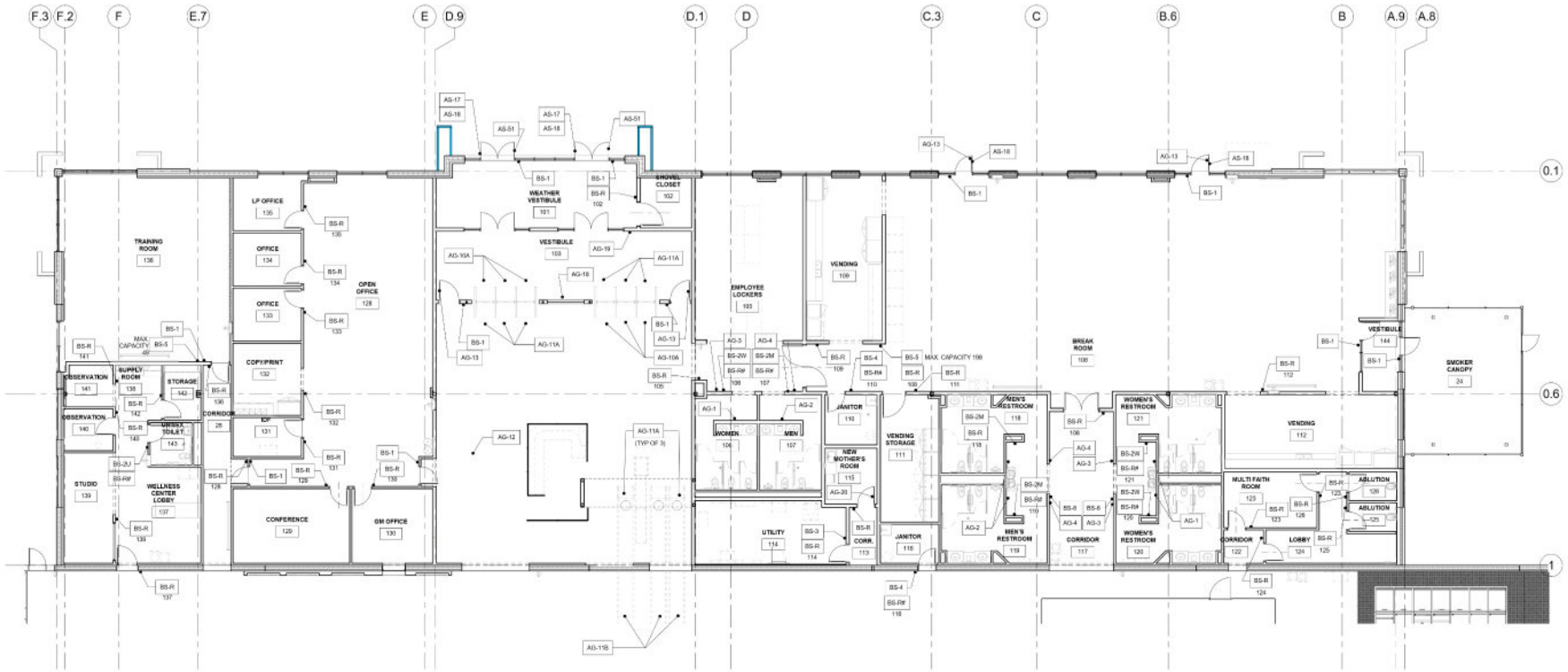
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3/5/2021

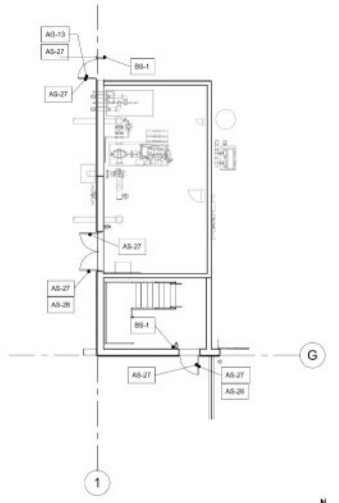
BUILDING SIGNAGE PLAN

BG-100

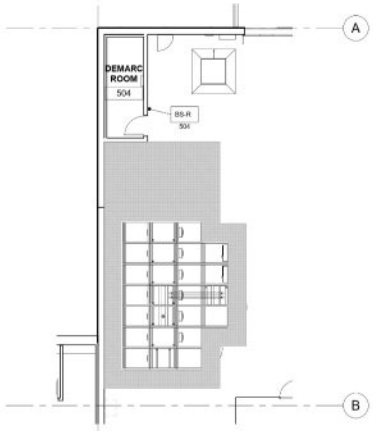
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A BG-101 OVERALL MAIN OFFICE FLOOR PLAN
1/8" = 1'-0"



B BG-101 ENLARGED ROOF ACCESS STAIR SIGNAGE PLAN
1/8" = 1'-0"



C BG-101 ENLARGED ROOF MOF DEN / DEMARC SIGNAGE PLAN
1/8" = 1'-0"

SIGNAGE & GRAPHICS SCHEDULE

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AG-3	WOMEN'S TOILET ROOM LABEL	AS-38	STAIR FLOOR NUMBER
AG-4	MENS TOILET ROOM LABEL	AS-51	NO FIREARMS (WINDOW DECAL AS REQUIRED)
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AG-10B	RED TURNSTILE ARROW	BS-2U	UNISEX TOILET ROOM SIGN
AG-11A	STOP SIGN DECAL	BS-2W	WOMEN'S TOILET ROOM SIGN
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AG-20	NEW MOTHERS ROOM VACANT / IN USE SLIDER		
AS-7	DRIVER'S LOUNGE		
AS-8	RECEIVING DRIVER ENTRANCE		
AS-9	SHIPPING DRIVER ENTRANCE		
AS-12	TRAILERS MUST BE SET FROM WALL		
AS-17	VISITORS CHECK IN AT RECEPTION		
AS-18	DOOR NUMBER WINDOW DECAL		
AS-19	LOADING DOCK DOOR NUMBER (MIRROR IMAGE)		
AS-20	LOADING DOCK DOOR NUMBER		
AS-21	LOADING DOCK DOORCHD NUMBER - VINYL		

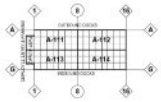
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Ramsey Consulting Engineers, P.L.L.C.
SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



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PRINTED OR TYPED NAME: Eric Moen

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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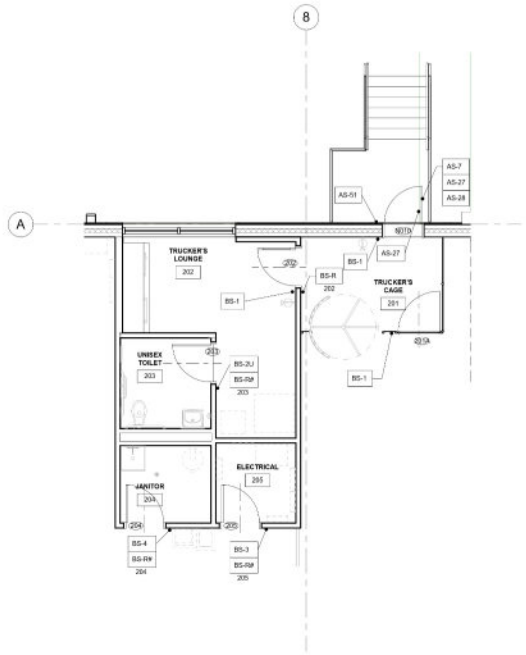
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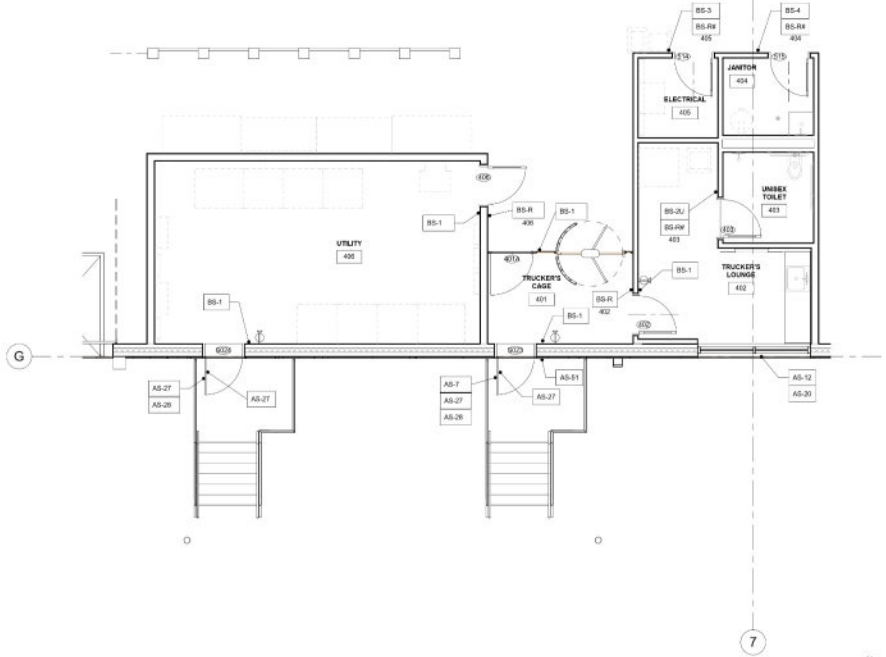
MAIN OFFICE AND ROOF ACCESS STAIR SIGNAGE PLANS

BG-101

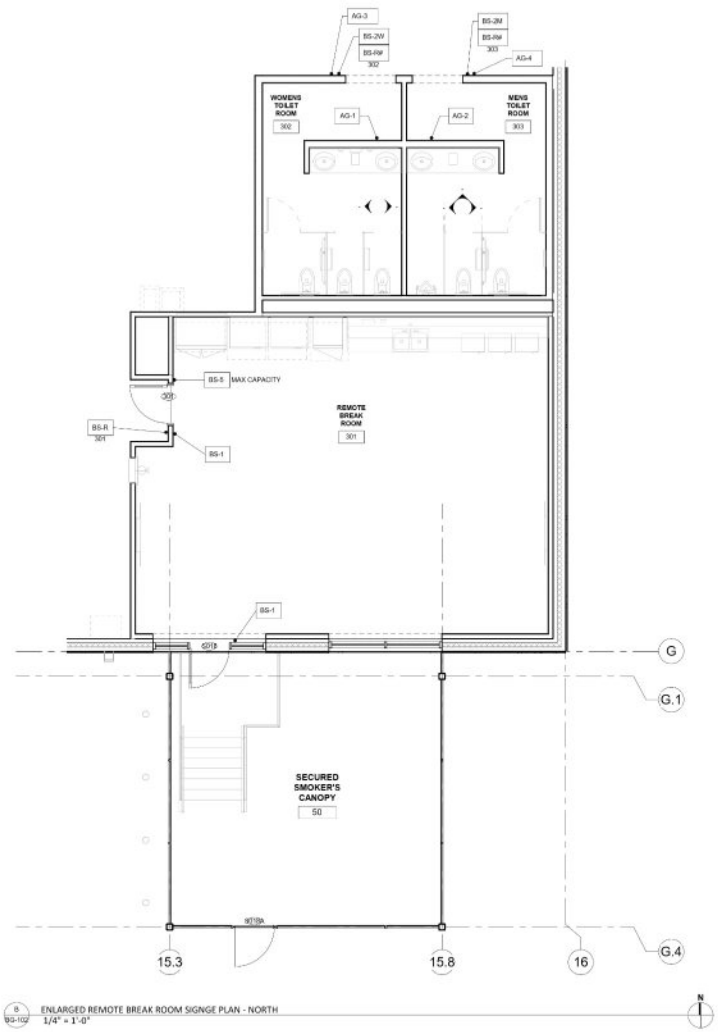
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A BG-102 ENLARGED TRUCKER'S LOUNGE SIGNAGE PLAN - NORTH
1/4" = 1'-0"



C BG-102 ENLARGED TRUCKER'S LOUNGE PLAN - SOUTH Copy 1
1/4" = 1'-0"



B BG-102 ENLARGED REMOTE BREAK ROOM SIGNGE PLAN - NORTH
1/4" = 1'-0"

SIGNAGE & GRAPHICS SCHEDULE

SIGN	DESCRIPTION	SIGN	DESCRIPTION
AG-1	WOMEN'S TOILET ROOM FIGURE	AS-27	SERVICE DOOR NUMBER (INTERIOR & EXTERIOR)
AG-2	MEN'S TOILET ROOM FIGURE	AS-28	SERVICE DOOR LABEL (EXTERIOR ONLY)
AG-3	WOMEN'S TOILET ROOM LABEL	AS-36	STAIR FLOOR NUMBER
AG-4	MEN'S TOILET ROOM LABEL	AS-51	NO FIREARMS (WINDOW DECAL AS REQUIRED)
AG-6	WORK HARD. HAVE FUN. MAKE HISTORY.		
AG-9	COLUMN NUMBERING	BS-1	EXIT
AG-10A	GREEN TURNSTILE ARROW	BS-2M	MEN'S TOILET ROOM SIGN
AG-10B	RED TURNSTILE ARROW	BS-2U	UNISEX TOILET ROOM SIGN
AG-11A	STOP SIGN DECAL	BS-2W	WOMEN'S TOILET ROOM SIGN
AG-11B	GREEN 'MAN' DECAL	BS-3	ELECTRICAL ROOM
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AG-18	VISITORS USE INTERCOM	BS-R	ROOM NAMES AND NUMBERS
AG-19	SLIP HAZARD	BS-RW	ROOM NUMBERS (INSTALLED BELOW GRAPHIC SIGN)
AG-26	NEW MOTHERS ROOM VACANT / IN USE SLIDER		
AS-7	DRIVER'S LOUNGE		
AS-8	RECEIVING DRIVER ENTRANCE		
AS-9	SHIPPING DRIVER ENTRANCE		
AS-12	TRAILERS MUST BE 3FT FROM WALL		
AS-17	VISITORS CHECK IN AT RECEPTION		
AS-18	DOOR NUMBER WINDOW DECAL		
AS-19	LOADING DOCK DOOR NUMBER (MIRROR IMAGE)		
AS-20	LOADING DOCK DOOR NUMBER		
AS-21	LOADING DOCK DOOR/CHD NUMBER - VINYL		

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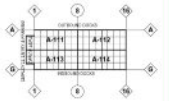
CONSULTANTS

IES Communications

Ericsson Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE; I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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MS	EM
JOB NO.	DATE
701068	3/5/2021

ISSUE RECORD

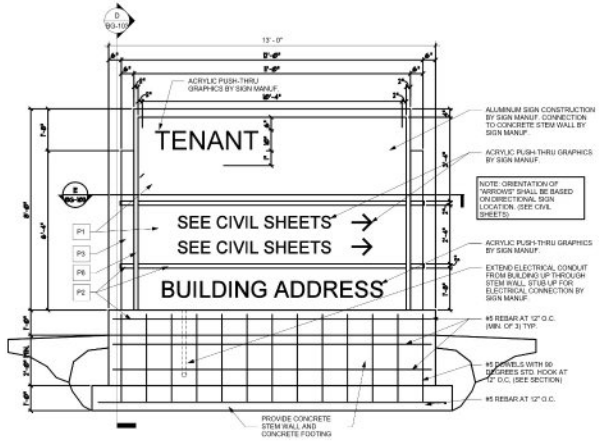
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PERMIT SET
3/5/2021

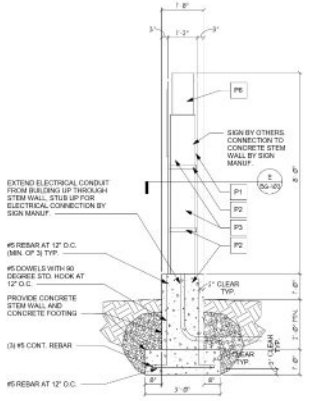
ENLARGED SIGNAGE PLANS

BG-102

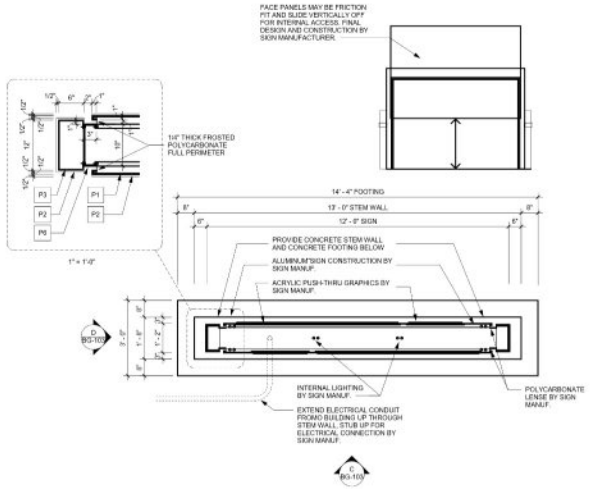
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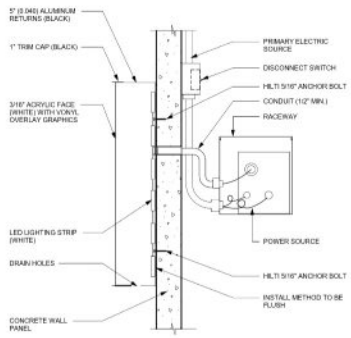
C BG-103 TYPICAL MONUMENT SIGN
1/2" = 1'-0"



D BG-103 MONUMENT SIGN SECTION
1/2" = 1'-0"



E BG-103 MONUMENT SIGN PLAN
1/2" = 1'-0"



N

B BG-103 BG103-B - BUILDING SIGN MOUNTING DETAIL
3/4" = 1'-0"

MONUMENT SIGN NOTES

1. SIGN FACE TO BE SATIN WHITE, HALO LIGHTED AT PERIMETER.
2. OUTER SURFACES TO BE PAINTED TO MATCH BUILDING COLORS, SEE "EXTERIOR COLOR LEGEND" ON THIS SHEET.
3. INTERIOR SURFACES TO BE PAINTED GLOSS WHITE.
4. "TENANT" & "FULFILLMENT" - PUSH-THRU GRAPHICS, "HALO" LIGHTED
5. TENANT "LOGO" - PUSH-THRU GRAPHICS, TRANSLUCENT PRIME BLUE
6. DIRECTIONAL ARROWS, DIRECTIONAL COPY AND ADDRESS - PUSH-THRU GRAPHICS, OPAQUE BLACK SURFACE, "HALO" LIGHTED

COLOR GENERAL NOTES

MUTCD
HTTP://MUTCD.FHWA.DOT.GOV/KNO-COLORSPEC.HTM

MUTCD COLOR SPECIFICATIONS
COLOR SPECIFICATIONS (23 CFR 655)

THE COLOR SPECIFICATIONS ARE USED TO DETERMINE THE COLOR OF SIGN SHEETING AND PAVEMENT MARKING MATERIALS FOR DESIGN PURPOSES. MOST OF THE COLOR SPECIFICATIONS WERE LAST REVISED BY THE FINAL RULE, AMENDMENT DATED NOVEMBER 21, 2002. HOWEVER, SOME COLOR SPECIFICATIONS WERE REVISED AND SPECIFICATIONS FOR SOME NEW COLORS WERE ADDED BY THE FINAL RULE DATED DECEMBER 18, 2009. SELECT THE LINKS BELOW TO VIEW BOTH OF THE FINAL RULES FOR COLOR SPECIFICATIONS.

DOCKET NUMBER FHWA-2007-28077, RIN 2125-AF22, DECEMBER 18, 2009
DOCKET NUMBER FHWA-99-6190, RIN 2125-AE87, NOVEMBER 21, 2002
DOCKET NUMBER FHWA-99-6190, RIN 2125-AE87, JULY 31, 2002

THERE IS A TYPOGRAPHICAL ERROR IN THE REVISED COLOR SPECIFICATION FOR FLUORESCENT PINK SIGN SHEETING IN TABLE 3 OF THE 23 CFR 655, APPENDIX TO SUBPART F, AS CONTAINED IN THE DECEMBER 18, 2009 FINAL RULE. (PAGE 66992 OF THE FEDERAL REGISTER NOTICE). FOR POINT 5 OF THE COLOR BOX FOR FLUORESCENT PINK TABLE 3, THE COORDINATE SHOULD BE 0.290 (NOT 0.221).

PANTONE MATCHING COLORS
THE FOLLOWING ARE PANTONE SPECIFICATIONS, FOR PRINTING PURPOSES. THEY PROVIDE A GUIDE FOR SELECTING APPROPRIATE INK COLORS TO CLOSELY MATCH THE STANDARD COLORS OF TRAFFIC CONTROL SIGNS.
NOTE - THERE ARE NO PANTONES AVAILABLE FOR FLUORESCENT COLOR SIGNS.

PANTONE SPECIFICATIONS FOR PRINTING
BROWN - 469, RED - 187, YELLOW - 116, PURPLE - 259, GREEN - 342, BLUE - 294, ORANGE - 152

CUSTOM SIGNAGE COLORS

		GLOSS VINYL	RETLECTIVE VINYL	PAINT
C1 WHITE		SCOTCHCAL "WHITE" 3630-20 (WAS 3630)	SCOTCHCAL "WHITE" 680-10	GLOSS OR FLAT TOUCH PAINT (SATIN FOR HANDHELD ACRYLIC ENAMEL)
C2 BLACK		SCOTCHCAL "BLACK" 3630-12 (PANTONE BLACK C) (WAS 3277)	SCOTCHCAL "BLACK" 680-12	
C3 LT. BLUE		TRANSITIONS DRAWING GUIDANCE "LIGHT BLUE" (PANTONE 2995C)		
C4 GRAY		SCOTCHCAL "MEDIUM GRAY" 3630-57 (PANTONE 7C) (WAS 7X)		SATIN FINISH TWO PART CATALYZE HARDENED ACRYLIC ENAMEL
C5 RED		SCOTCHCAL "RUBY RED" 3630-33 (PANTONE 485C) (WAS 3830)	SCOTCHCAL "RED" 680-33	
C6 DK. BLUE		SCOTCHCAL "BLUE" 3630-20 (PANTONE 2965C) (WAS 3630)	SCOTCHCAL "BLUE" 680-20	
C7 BLUE		COLOR TO MATCH TRANSITIONS DRAWING GUIDELINES "LIGHT BLUE" (PANTONE 7545C)	SCOTCHCAL "BLUE" 680-20	

EXTERIOR COLOR LEGEND

P-1	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #9546 "FIRST STAR" (RGB 216 - 217 - 212)
P-2	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #9318 "MINDFUL STAR" (RGB 158 - 193 - 173)
P-3	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #9317 "DORIAN GREY" (RGB 172 - 187 - 180)
P-4	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #1018 "DOVETAIL" (RGB 144 - 136 - 131)
P-5	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS MATCH COLOR SW #9174 "MOTH WING" (RGB 168 - 144 - 127)
P-6	TEXTURED ACRYLIC COATING SHERWIN WILLIAMS "BLUE" PANTONE COLOR #2995C (RGB 0 - 169 - 224) (CMYK 83 - 1 - 9 - 0)

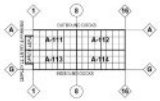
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OWNER

CONSULTANTS
IES Communications
Kramer Consulting Engineers, P.L.L.C. Mechanical & Electrical Engineers
SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



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PRINTED OR TYPED NAME: Eric Moes

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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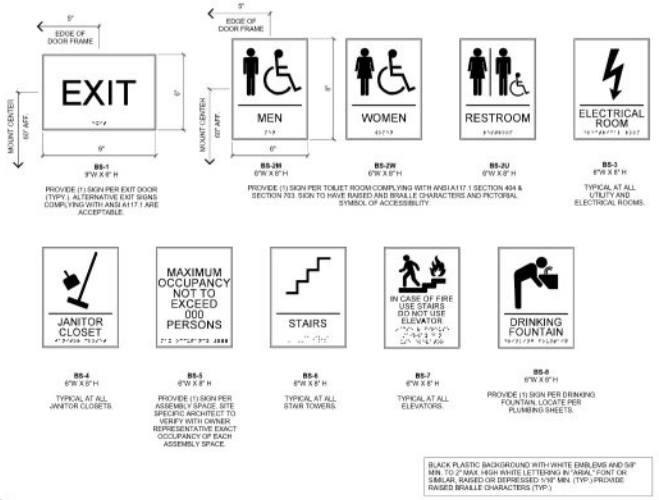
ISSUE #	DATE	DESCRIPTION
B	3.5.2021	PERMIT SET

PERMIT SET
3/5/2021

EXTERIOR SIGNS, ELEVATIONS & DETAILS

BG-103

3/4/2021 4:59:35 AM



A BG-104 EXIT AND EMBLEM PLACARDS
3" = 1'-0"



B BG-104 BUILDING SIGNAGE PANELS
1" = 1'-0"

VINYL GRAPHIC NOTES

DOOR SIGNS
SEE DOOR SIGN PLACEMENT DETAILS ON BG-109 FOR MOUNTING HEIGHTS.

DESCRIPTION
CUSTOM CUT VINYL GRAPHICS, ATTACHED TO FIRST SURFACE OF EXTERIOR GLASS.

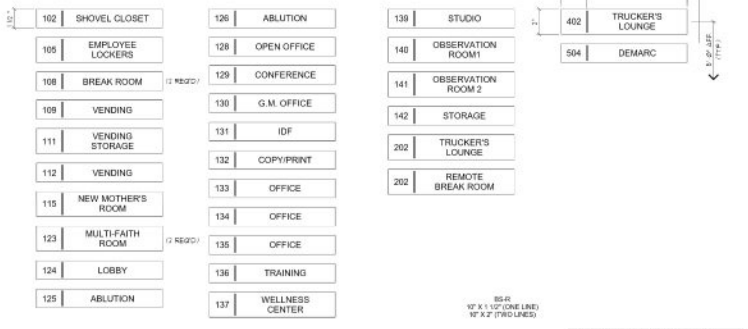
GRAPHICS AND TYPOGRAPHY
SIGN GRAPHICS ARE HEAVY DUTY 3M VINYL. LOGO IS A HIGH RESOLUTION DIGITAL PRINT ON PERMANENT ADHESIVE PRESSURE SENSITIVE VINYL SUBSTRATE WITH LUSTER OVER LAMINATE. CUT TO SHAPE FROM VECTOR FILE. COPY IS MATTE WHITE VINYL.

INSTALLATION
LOCATIONS ARE GENERALLY NOTED ON THE ATTACHED LOCATION PLANS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL INSTALLATION CONDITIONS PRIOR TO FABRICATION. THE INSTALLATION METHODS AND DETAILS FOR EACH LOCATION SHALL BE ILLUSTRATED IN THE SUBMITTED SHOP DRAWINGS. FINAL LOCATION WILL BE APPROVED ON SITE BY THE TENANT REPRESENTATIVE.

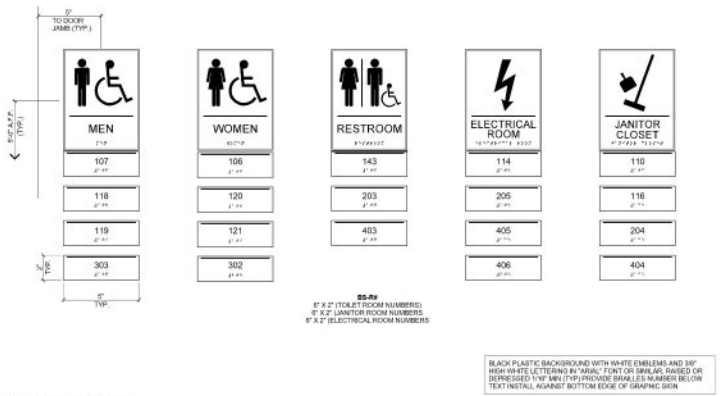
SUBMITTALS
THE FOLLOWING SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION - (3) SETS OF SHOP DRAWINGS AND (3) 6" X 6" VINYL SAMPLES OF EACH SIGN FACE COLOR. SEE GENERAL CONSTRUCTION AND INSTALLATION SPECIFICATIONS FOR ADDITIONAL SUBMITTALS.

SIGNAGE & GRAPHICS SCHEDULE

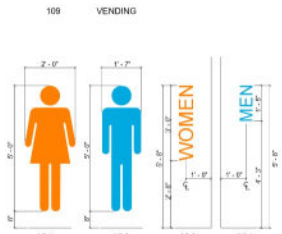
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AS-20	LOADING DOCK DOOR NUMBER		
AS-21	LOADING DOCK DOOR/CHD NUMBER - VINYL		



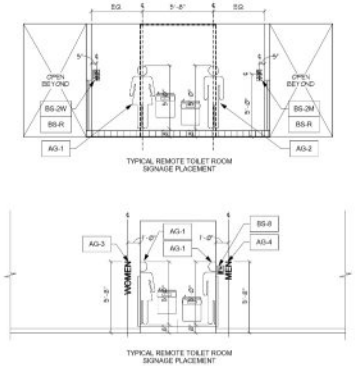
C BG104-C - ROOM NUMBER NAME PLACARDS
3" = 1'-0"



D BG-104 ROOM NUMBER PLACARDS
3" = 1'-0"

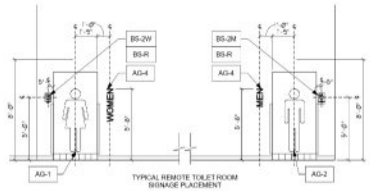


E BG-104 TOILET ROOM LABEL AND FIGURE GRAPHICS
1/2" = 1'-0"



TYPICAL REMOTE TOILET ROOM SIGNAGE PLACEMENT

F BG-104 TOILET ROOM SIGNAGE & GRAPHICS ELEVATIONS
1/4" = 1'-0"

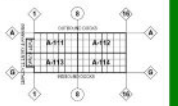


TYPICAL REMOTE TOILET ROOM SIGNAGE PLACEMENT

G BG-104 REMOTE TOILET ROOM SIGNAGE & GRAPHICS ELEVATIONS
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KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA

LICENSED PROFESSIONAL ARCHITECT
ERIC M. MOES
07404
IOWA
3/31/21

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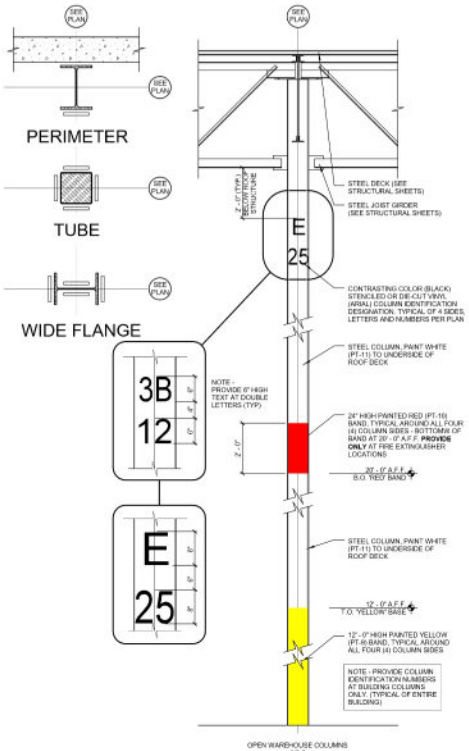
SIGNAGE AND GRAPHICS DETAILS

BG-104

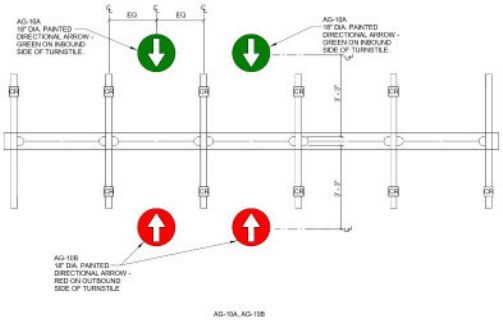
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SIGNAGE & GRAPHICS SCHEDULE

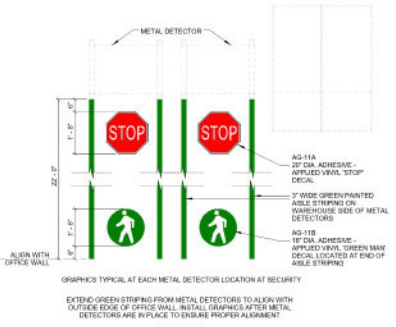
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A BG-105 COLUMN IDENTIFICATION MARKINGS
1/2" = 1'-0"



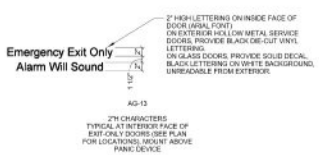
B BG-105 TURNSTILE GRAPHICS PLAN
1/2" = 1'-0"



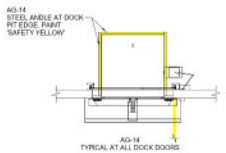
C BG105-C - METAL DETECTOR FLOOR GRAPHICS
1/2" = 1'-0"



D BG-105 SECURITY STOP FLOOR GRAPHICS
1/2" = 1'-0"



E BG-105 EXIT - ONLY DOOR GRAPHICS
1" = 1'-0"



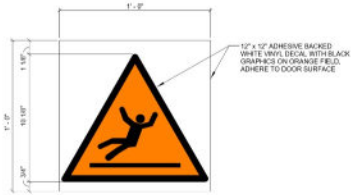
F BG-105 DOCK EDGE SAFETYSTRIPE
1/4" = 1'-0"



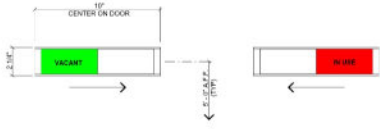
G BG-105 FLOOR LOADING SIGN
3" = 1'-0"



H BG-105 VISITOR INTERCOM SIGN
3" = 1'-0"



J BG-105 SLIP HAZARD SIG
3" = 1'-0"



K BG-105 NEW MOTHERS ROOM VACANT-IN USE SLIDER
3" = 1'-0"





AG-15

L BG-105 LEVELER PIT SIGNS
3" = 1'-0"

RYAN
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533 South Third Street, Suite 100
Minneapolis, MN 55415
612-492-4000 tel
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OWNER

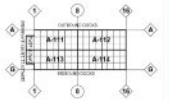
CONSULTANTS

IES Communications

Bramer Consulting Engineers, P.L.L.C.

SHIRK & O'DONOVAN CONSULTING ENGINEERS

KEY PLAN



PROJECT INFORMATION

PROJECT BERON

COUNCIL BLUFFS, IA



I HEREBY CERTIFY THAT THIS PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS IN THE STATE OF IOWA

PRINTED OR TYPED NAME: Eric Mois

LICENSE NUMBER: 07494

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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AM, MS	EM
JOB NO.	DATE
701068	3/5/2021

ISSUE RECORD

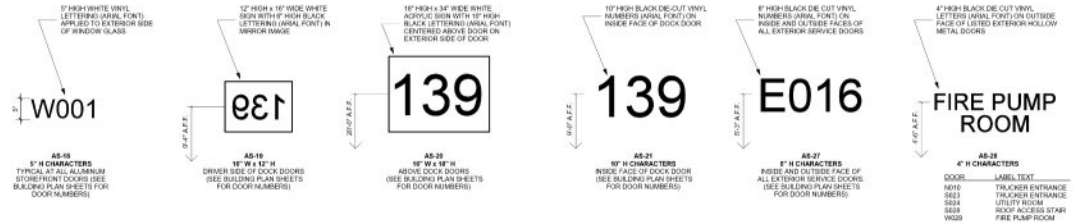
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SIGNAGE AND GRAPHICS DETAILS

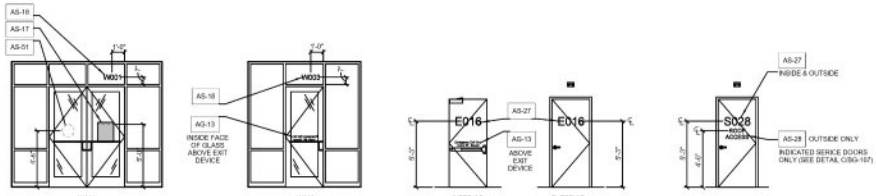
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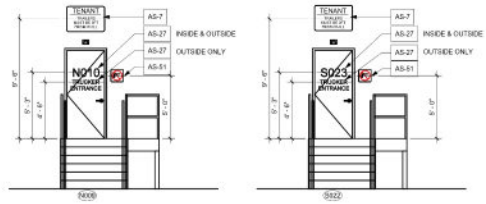


A BG-106 DOOR NUMBER SIGNAGE
1" = 1'-0"

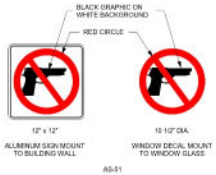
SIGNAGE & GRAPHICS SCHEDULE			
SIGN	DESCRIPTION	SIGN	DESCRIPTION
AG-1	WOMEN'S TOILET ROOM FIGURE	AS-27	SERVICE DOOR NUMBER (INTERIOR & EXTERIOR)
AG-2	MEN'S TOILET ROOM FIGURE	AS-28	SERVICE DOOR LABEL (EXTERIOR ONLY)
AG-3	WOMEN'S TOILET ROOM LABEL	AS-36	STAIR/FLOOR NUMBER
AG-4	MEN'S TOILET ROOM LABEL	AS-51	NO FIREARMS (WINDOW DECAL AS REQUIRED)
AG-8	WORK HARD. HAVE FUN. MAKE HISTORY.		
AG-9	COLUMN NUMBERING	BS-1	EXIT
AG-10A	GREEN TURNSTILE ARROW	BS-2M	MEN'S TOILET ROOM SIGN
AG-10B	RED TURNSTILE ARROW	BS-2U	UNISEX TOILET ROOM SIGN
AG-11A	STOP SIGN DECAL	BS-2W	WOMEN'S TOILET ROOM SIGN
AG-11B	GREEN 'MAN' DECAL	BS-3	ELECTRICAL ROOM
AG-12	SECURITY AREA STOP BAR	BS-4	JANITOR CLOSET
AG-13	EMERGENCY EXIT - ALARM WILL SOUND	BS-5	MAXIMUM OCCUPANCY
AG-14	DOCK EDGE SAFETY STRIPE	BS-6	STAIRS
AG-15	LEVELER PIT SIGNS	BS-7	IN CASE OF FIRE USE STAIRS - DO NOT USE ELEVATOR
AG-17	MAXIMUM FLOOR LOADING	BS-8	DRINKING FOUNTAIN
AG-18	VISITORS USE INTERCOM	BS-R	ROOM NAMES AND NUMBERS
AG-19	SLIP HAZARD	BS-RN	ROOM NUMBERS (INSTALLED BELOW GRAPHIC SIGN)
AG-20	NEW MOTHERS ROOM VACANT / IN USE SLIDER		
AS-7	DRIVER'S LOUNGE		
AS-8	RECEIVING DRIVER ENTRANCE		
AS-9	SHIPPING DRIVER ENTRANCE		
AS-12	TRAILERS MUST BE 8FT FROM WALL		
AS-17	VISITORS CHECK IN AT RECEPTION		
AS-18	DOOR NUMBER WINDOW DECAL		
AS-19	LOADING DOCK DOOR NUMBER (MIRROR IMAGE)		
AS-20	LOADING DOCK DOOR NUMBER		
AS-21	LOADING DOCK DOOR/OHD NUMBER - VINYL		



B BG-106 SERVICE AND ENTRY DOOR SIGN PLACEMENT ELEVATIONS
1/4" = 1'-0"



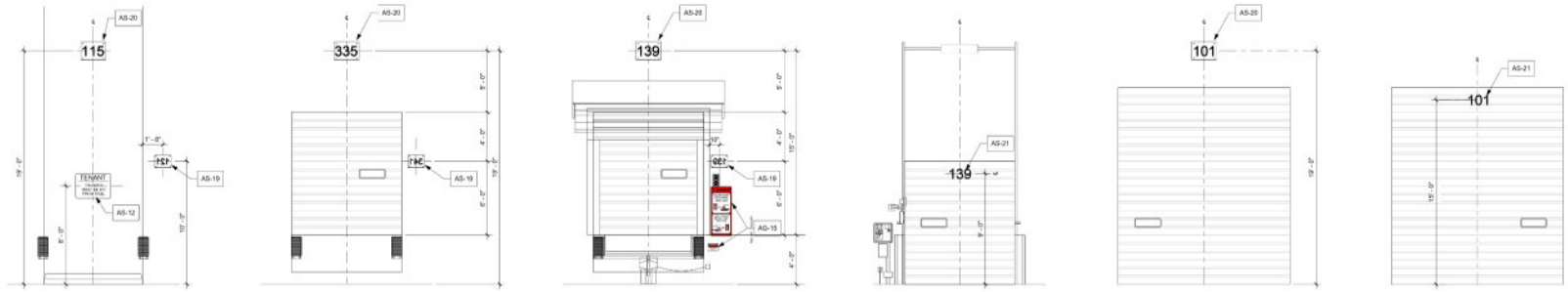
C BG-106 TRUCKER ENTRANCE DOOR SIGN PLACEMENT ELEVATIONS
1/4" = 1'-0"



D BG-106 ENTRANCE-WINDOW GRAPHICS
1 1/2" = 1'-0"



E BG-106 WINDOW GRAPHICS
3" = 1'-0"



F BG-106 BG106-F - OVERHEAD DOOR SIGN PLACEMENT ELEVATIONS
1/4" = 1'-0"

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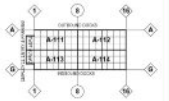
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PRINTED OR TYPED NAME: Eric Moss

LICENSE NUMBER: 07404

MY LICENSE RENEWAL DATE IS: JUNE 30, 2021

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DOOR SIGN DETAILS AND ELEVATONS

BG-106

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