RIVER'S EDGE PAVILION
MAINTENANCE SIDEWALK and STAIRS

COUNCIL BLUFFS PARKS AND RECREATION DEPARTMENT

SCHEDULE OF SHEETS

SHEET C0.0	COVER SHEET, NOTES
SHEET C1.0	SITE SURVEY
SHEET C2.0	LAYOUT & GRADING PLAN
SHEET C3.0	SITE DETAILS
SHEET C3.1	SITE DETAILS
SHEET C3.2	SITE DETAILS

IOWA ONE CALL
800-292-8989
TOLL FREE
CALL-BEFORE-YOU-DIG

LOCATION MAP
COUNCIL BLUFFS, IOWA
NO SCALE

GENERAL NOTES

1. UTILITY FACILITIES SHOWN ARE FROM LOCATES OR RECORDS PROVIDED BY OTHERS, AND SHALL BE CONSIDERED APPROXIMATE. OTHER UTILITIES MAY EXIST (EITHER IN SERVICE OR ABANDONED) AND THEIR LOCATION MAY NOT BE PRESENTLY KNOWN OR IDENTIFIED ON THE PLANS. THE ENGINEER MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE ENGINEER FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. THE CONTRACTOR SHALL NOTIFY THE IOWA ONE-CALL SYSTEM AT 1-800-292-8989 TO IDENTIFY THE LOCATION OF ALL UNDERGROUND UTILITY FACILITIES WITHIN THE CONSTRUCTION AREA.

   THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL PUBLIC AND PRIVATE UTILITY FACILITIES LOCATED WITHIN THE CONSTRUCTION AREA TO AVOID DAMAGE IN ACCORDANCE WITH SECTION 480.4, CODE OF IOWA. DAMAGE TO UTILITIES DUE TO THE CONTRACTOR'S ACTIONS SHALL BE REPAIRED OR REPLACED WITHOUT COST TO THE OWNER OR ENGINEER.

   WHERE EXISTING UTILITY FACILITIES ARE SHOWN IN THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITIES AND CONDUCTING WORK NEAR UTILITY FACILITIES REQUIRED BY SECTION 480.4, CODE OF IOWA.

   THE CONTRACTOR SHALL COOPERATE WITH UTILITY COMPANIES IN THEIR ADJUSTMENT OPERATIONS SO THAT THESE OPERATIONS MAY PROGRESS, THE DUPLICATION OF ADJUSTMENT WORK MAY BE REDUCED, AND THAT SERVICES RENDERED BY THOSE PARTIES WILL NOT BE INTERRUPTED.

   THE CONTRACTOR SHALL REVIEW ALL UTILITIES SHOWN IN THE PLANS AND COORDINATE WITH ALL UTILITY COMPANIES NECESSARY TO SCHEDULE WORK FOR ALL KNOWN AND POTENTIAL CONFLICTS. THE CONTRACTOR SHALL BE AWARE THAT UTILITY SERVICES ARE NOT ROUTINELY LOCATED OR SHOWN ON THE PLANS, HOWEVER MAY BE A CONFLICT WITH THE WORK PERFORMED. DELAYS, INCONVENIENCE, OR DAMAGE CLAIMED BY THE CONTRACTOR DUE TO ANY INTERFERENCE OF UTILITIES SHOWN IN THE PLANS OR SERVICES SHALL NOT BE CONSIDERED A CIRCUMSTANCE FOR ADDITIONAL TIME OR COMPENSATION.

2. THE CONTRACTOR SHALL KEEP SANITARY SEWER AND STORM SEWER LINES AND STRUCTURES CLEAN AND FREE OF DEBRIS THAT IS A RESULT OF CONSTRUCTION OPERATIONS. ANY CLEANING AND REMOVAL OF DEBRIS THAT ENTERS AS A RESULT OF CONSTRUCTION OPERATIONS SHALL BE COMPLETED AT THE EXPENSE OF THE CONTRACTOR.

3. ALL SOLID WASTE, AND EXCESS EXCAVATION FROM THE REMOVAL OR INSTALLATION OF PAVEMENT, STORM, AND SANITARY SEWER SYSTEMS, SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS. ALL REMOVED ITEMS SHALL BE DISPOSED OF BY THE CONTRACTOR OFF SITE AND SHALL NOT BE INCORPORATED INTO THE WORK.

   PRIOR TO THE COMMENCEMENT OF REMOVALS, THE CONTRACTOR SHALL PROVIDE THE ENGINEER DOCUMENTATION OF THEIR CERTIFIED DISPOSAL SITE(S) FOR ALL ITEMS TO BE REMOVED FROM THE PROJECT. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH LOAD TICKETS FOR ALL ITEMS REMOVED FROM THE PROJECT. PAYMENT WILL NOT BE MADE ON REMOVAL ITEMS WITHOUT APPROPRIATE TICKETS.

4. TO COMPLY WITH THE MIGRATORY BIRD TREATY ACT, TREES SHALL NOT BE REMOVED DURING THE PRIMARY NESTING SEASON DEFINED AS APRIL 1ST THROUGH SEPTEMBER 30TH.

   EXISTING TREES NOT INDICATED FOR REMOVAL SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. TRIMMING OF TREES WITH TRUNKS LOCATED OUTSIDE OF THE RIGHT OF WAY SHALL NOT BE COMPLETED WITHOUT AUTHORIZATION FROM THE OWNER. WHEN TRIMMING IS REQUIRED ON ANY TREE, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE OWNER AND USE SAWS TO REMOVE ROOTS AND BRANCHES FROM TREES THAT ARE TO REMAIN. NO REMOVAL OF ROOTS OR BRANCHES SHALL BE BY HEAVY EQUIPMENT THAT RESULTS IN TEARS. ALL REMOVALS SHALL LEAVE A SMOOTH CUT FACE.

5. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS, INCLUDING EQUIPMENT AND MATERIAL STORAGE, WITHIN THE CONSTRUCTION ROW AND/OR EASEMENTS OF THE PROJECT. IF THE CONTRACTOR IS GRANTED PERMISSION TO STORE MATERIALS OR EQUIPMENT ON ADJACENT PRIVATE PROPERTY THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH WRITTEN PROOF OF PERMISSION FROM THE LANDOWNER.

6. THE CONTRACTOR SHALL MAINTAIN THE PROJECT LIMITS. BY COMMENCING THE WORK IN A GIVEN AREA, THE CONTRACTOR ASSUMES THE RESPONSIBILITY FOR ONGOING REQUIRED MAINTENANCE SUCH AS MOWING AND WEED CONTROL WITHIN THE PROJECT LIMITS.

7. THE ENGINEER WILL SET THE REQUESTED CONSTRUCTION STAKES UPON 48 HOUR ADVANCED NOTIFICATION BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF STAKES AND MARKS. THE OWNER WILL FURNISH THE STAKING THROUGH THE ENGINEER ONE TIME ONLY. ALL OTHER CONSTRUCTION STAKING SHALL BE FURNISHED BY THE CONTRACTOR.

   RESTAKING, INCLUDING ASSOCIATED TRIP CHARGES, SHALL BE PAID BY THE CONTRACTOR TO THE OWNER WHO WILL REIMBURSE ENGINEER. THE OWNER MAY DEDUCT AMOUNTS FOR RESTAKING FROM PAYMENTS DUE TO THE CONTRACTOR.

8. THE CONTRACTOR SHALL CONTROL CONSTRUCTION DEBRIS, HAZARDOUS WASTE SPILLS, AND CONCRETE TRUCK WASHOUT AREA(S). THE CONTRACTOR SHALL CLEAN-UP AND DISPOSE OF ALL WASTE PROPERLY OFF-SITE AT AN APPROVED DISPOSAL FACILITY. NO CONSTRUCTION MATERIAL WASTES OR UNUSED MATERIALS SHALL BE BURIED, DUMPED, BURNED, OR DISCHARGED WITHIN THE PROJECT LIMITS.

9. THE CONTRACTOR SHALL TAKE STEPS TO CONTROL SOIL EROSION AND FUGITIVE DUST DURING CONSTRUCTION. IF NECESSARY, HAY BALES, CHECK DAMS, SEDIMENT TRAPS OR ADDITIONAL SILT FENCE (NOT INDICATED ON THE PLANS) SHALL BE USED TO RETAIN SILT AND PREVENT SILT FROM ENTERING THE STORM DRAINAGE SYSTEM. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT OPERATIONS IN ACCORDANCE WITH THE POLLUTION PREVENTION PLAN AND ADMINISTER IT THROUGHOUT THE PROJECT DURATION.

10. THE CONTRACTOR SHALL CONSTRUCT THE NECESSARY EROSION CONTROL AND RUNOFF DETENTION STRUCTURES INCLUDED IN THE PLANS AND PER THE STORM WATER POLLUTION PREVENTION PLANS (SWPPP) PRIOR TO ANY GRADING ON THE PROJECT IN ORDER TO PREVENT SILT TRANSPORT AND SOIL TRACKING OUTSIDE OF THE PROJECT LIMITS. THE CONTRACTOR SHALL MAINTAIN AND WATER HAUL ROADS TO CONTROL FUGITIVE DUST.

11. ALL CONCRETE TRUCKS SHALL RETURN TO THE PLANT TO WASHOUT UNLESS THE CONTRACTOR DESIGNATES A LOCATION ON SITE FOR THE TRUCKS TO WASH. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND CLEANUP OF THE WASHOUT LOCATION.

12. THE CONTRACTOR SHALL ADEQUATELY BARRICADE WORK AREA DURING CONSTRICTION TO INSURE PUBLIC SAFETY. IN ADDITION, THE CONTRACTOR SHALL INSTALL AND MAINTAIN ORANGE SAFETY FENCE AROUND THE JOB SITE PERIMETER FOR THE DURATION OF THE PROJECT.

13. THE CONTRACTOR SHALL FIELD VERIFY THE DEPTH AND LOCATION OF EXISTING UNDERGROUND UTILITIES FIELD VERIFICATION FOR ALL UTILITIES IS REQUIRED AND SHALL BE INCIDENTAL TO THE PROJECT.

    CONTRACTOR SHALL NOT DISTURB THE EXISTING UNDERGROUND UTILITIES DURING CONSTRUCTION. IF A DIRECT CONFLICT EXISTS AFTER FILED VERIFICATION, THE ENGINEER RESERVES THE RIGHT TO REVISE THE PLAN TO ELIMINATE THE CONFLICT WITH THE EXISTING UTILITIES WITHOUT ADJUSTMENTS TO THE CONTRACT.

14. THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE THE SERVICES OF AN INDEPENDENT TESTING LABORATORY TO COMPLETE FIELD TESTING FOR SITE CONCRETE INCLUDING SLUMP/AIR AND CONCRETE STRENGTH (CYLINDERS).

15. CONCRETE ADMIXTURES SHALL NOT BE USED UNLESS APPROVED BY THE ENGINEER AND SUBMITTED AS PART OF THE SHOP DRAWING SUBMITTAL FOR THE SPECIFIED MIX DESIGN AS SHOWN IN THE CONTRACT DOCUMENTS.

16. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN FINAL GRADING HAS BEEN COMPLETED. THE ENGINEER SHALL PERFORM A FIELD REVIEW OF THE GRADING PRIOR TO ANY SEEDING OR HYDROMULCHING BY THE CONTRACTOR. FAILURE TO COMPLY WITH THE FINAL GRADING REVIEW MAY RESULT IN RE-GRADING, RE-SEEDING AND RE-HYDROMULCHING IN AREAS THAT DO NOT MEET SPECIFICATIONS. ANY ADDITIONAL WORK WILL BE AT THE EXPENSE OF THE CONTRACTOR.

17. SITE RESTORATION...

SIDEWALK CONSTRAINTS

1. CROSS SLOPES: CONSTRUCT ALL SIDEWALKS, CURB RAMPS, AND LANDINGS/TURNING SPACES AT A TARGET CROSS SLOPE OF 1.5%, VERIFY WITH ENGINEER WITH EXISTING SPOT ELEVATIONS. CROSS SLOPES EXCEEDING 2.0% WILL NOT BE ALLOWED, EXCEPT FOR AREAS TYING INTO EXISTING PAVEMENT. IN THESE AREAS, TRANSITION FROM EXISTING PAVEMENT CROSS SLOPE TO A CROSS SLOPE OF LESS THAN 2.0% WITHIN ONE PANEL AT A RATE NOT TO EXCEED 1.0% PER FOOT.

2. LONGITUDINAL SLOPES:
   A. SIDEWALKS. WHEN ROADWAY SLOPE EXCEEDS 5.0%: SIDEWALK LONGITUDINAL SLOPE EXCEEDING THE ROADWAY SLOPE BY MORE THAN 2.0% WILL NOT BE ALLOWED. WHEN ROADWAY SLOPE 5.0% OR LESS: SIDEWALK LONGITUDINAL SLOPE EXCEEDING 5.0% WILL NOT BE ALLOWED.

   B. RAMPS: WHEN RAMPS ARE 15.0' IN LENGTH OR LESS THE LONGITUDINAL SLOPE EXCEEDING 8.3% WILL NOT BE ALLOWED. WHEN RAMPS ARE GREATER THAN 15.0' IN LENGTH, CONSTRUCT WITH THE LONGITUDINAL SLOPE NECESSARY TO CONFORM TO THE DESIGN.

3. LANDING/TURNING SPACES: LONGITUDINAL SLOPES EXCEEDING 2.0% WILL NOT BE ALLOWED.

   ALL WORK COMPLETED THAT DOES NOT MEET THESE REQUIREMENTS SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO COST TO THE COLLEGE.

PRELIMINARY
NOT FOR CONSTRUCTION
DECEMBER 29, 2020

SPECIFICATIONS

THE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, 2020, AND CITY OF COUNCIL BLUFFS SUPPLEMENTAL SPECIFICATIONS 2020, SHALL APPLY TO THIS PROJECT.

LICENSED PROFESSIONAL ENGINEER
JOHN E. JORGENSEN
12655
IOWA

I hereby certify that this document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Landscape Architect under the laws of the State of Iowa.

(signature) (date)
JOHN E. JORGENSEN

My license renewal date is December 31, 2021

Pages or sheets covered by this seal:
ALL CIVIL SHEETS

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JNS	TMM	JEJ	DEC'20
drawn	designed	approved	date

revision

project: RIVERS EDGE PAVILION MAINT. SIDEWALK
client: COUNCIL BLUFFS PARKS AND RECREATION DEPARTMENT
sheet: COVER SHEET

project no. 150920

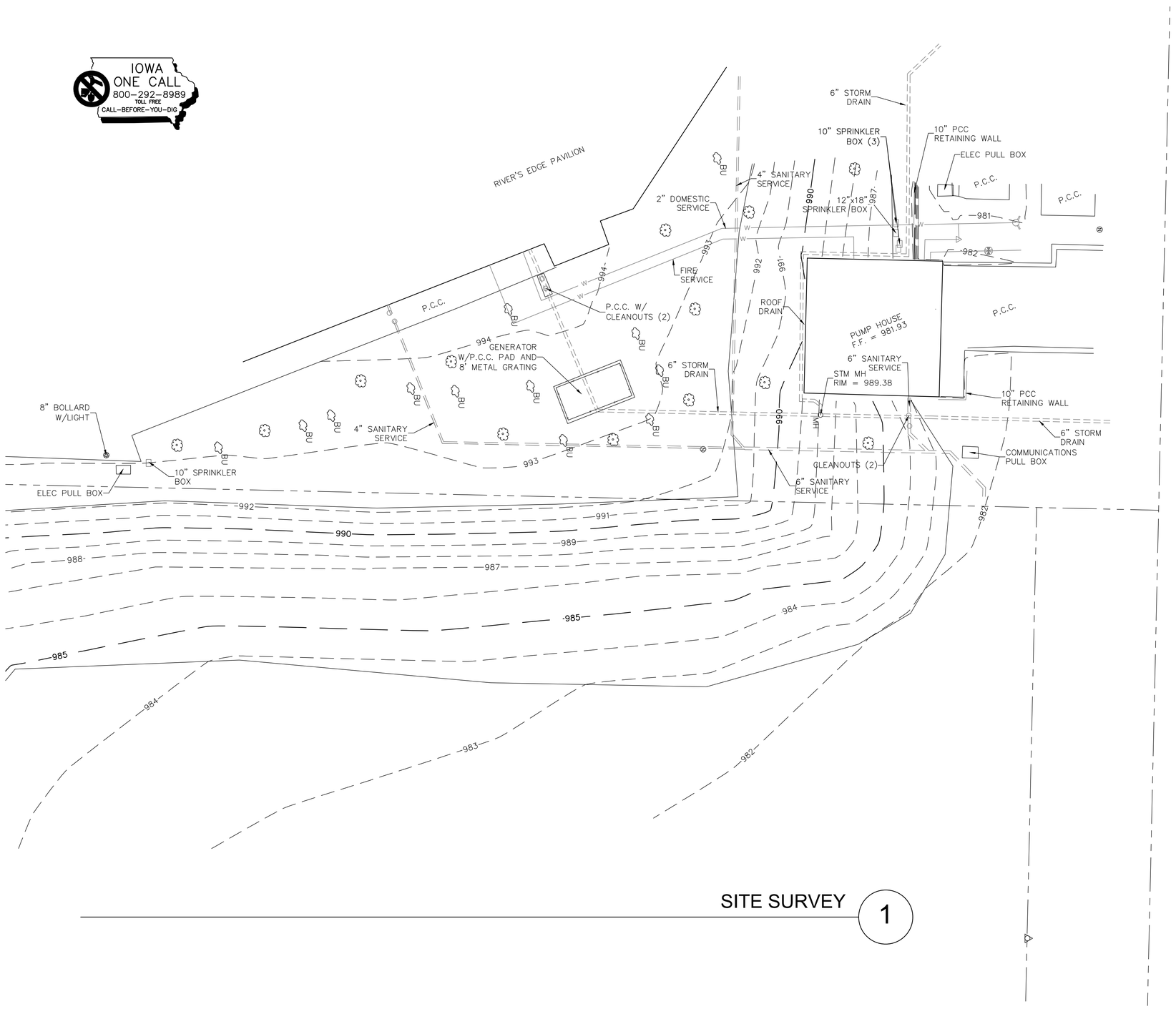
sheet C0.0

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LEGEND

- CENTER LINE
- CENTERLINE OF DITCH
- FENCE – BARB
- FENCE – CHAIN LINK
- FENCE – MIXTURE
- FENCE – PRIVACY
- FENCE – SPLIT RAIL
- FENCE – WOVEN
- GUARDRAIL
- RW — RETAINING WALL
- TOB — TOP OF BANK
- TOE — TOE OF BANK
- BOC — BACK OF CURB
- EOR — END OF RETURN
- HMA — HOT MIX ASPHALT
- PCC — PORTLAND CEMENT CONCRETE
- POB — POINT OF BEGINNING
- UAC — USE AS CONSTRUCTED
- BILLBOARD SIGN
- BORING LOCATION
- FLAG POLE
- GUARDRAIL POST
- MAILBOX
- NO PARKING SIGN
- PIZOMETER
- POST ROUND
- POST SQUARE
- STOP SIGN
- STREET SIGN
- CATV — CABLE TELEVISION BOX
- CONTROL CABINET
- EB — ELECTRICAL PULL BOX
- TP — ELECTRICAL TRANSFORMER
- ETB — ELECTRICAL TRANSFORMER BOX
- GUY POLE
- GUY WIRE
- LIGHT POLE
- LUMINAIRE
- POWER POLE
- POWER AND LIGHT POLE
- POWER POLE W/ TRANSFORMER
- PB — PULL BOX
- TCB — TRAFFIC CONTROL BOX
- TELEPHONE POLE
- TRAFFIC SIGNAL
- TELEPHONE TERMINAL BOX
- YARD LIGHT
- G — GAS METER
- G — VALVE – GAS
- RRB — RAILROAD CONTROL BOX
- RR — RAILROAD CROSS BUCKS SIGN
- RAILROAD FROG
- RAILROAD POINT OF SWITCH
- RAILROAD SIGNAL
- RAILROAD TRACK
- SAN — SANITARY SEWER
- STM — STORM SEWER
- CLEAN–OUT
- EXISTING PIPE PLUG
- FES — FLARED END SECTION
- INLET–BEEHIVE
- INLET–COMBINATION
- INLET–GRATE (ROUND)
- INLET–GRATE (SQUARE)
- MANHOLE
- BENCH MARK
- CONTROL POINT
- FOUND CONCRETE MONUMENT
- FOUND IRON PIN
- RIGHT OF WAY RAIL
- SET PIN
- BUSH
- HEDGE
- DECIDUOUS TREE
- EVERGREEN TREE
- 6" — STUMP W/ DIAMETER
- CURB STOP (RESIDENTIAL WATER)
- FIRE HYDRANT
- MW — MONITORING WELL
- POST INDICATOR VALVE
- SCB — SPRINKLER CONTROL BOX
- SPRINKLER HEAD
- VALVE – WATER (MAIN LINE)
- W — WATER METER
- WELL
- YH — YARD HYDRANT

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SITE SURVEY 1

NOTE:

ALL UTILITIES SHOWN ARE FROM CONSTRUCTION DRAWINGS.

0 5 10 20
Feet

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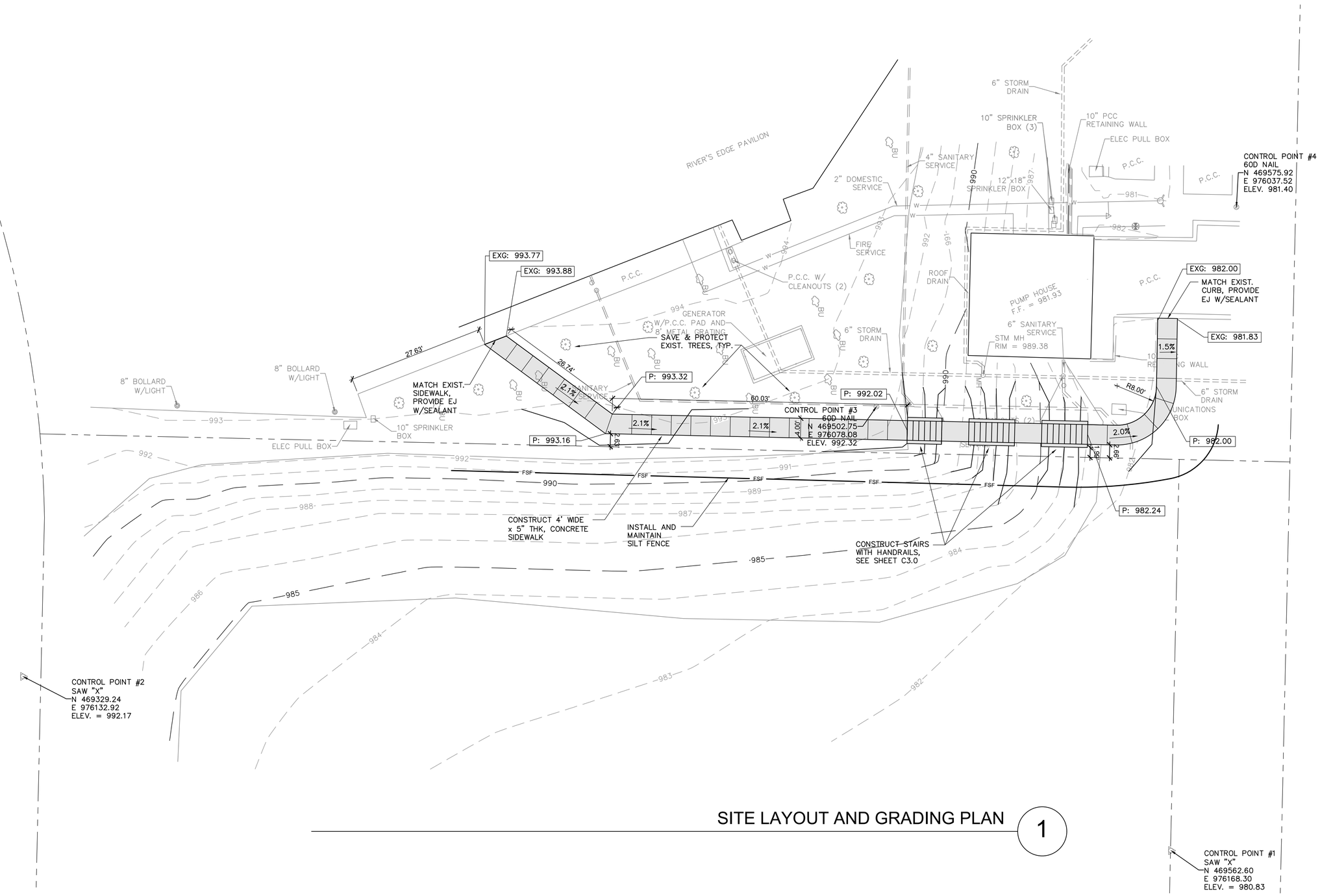
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JNS drawn
TMM designed
JFJ approved
DEC '20 date
date
revision

project RIVERS EDGE WATER FEATURE MAINTENANCE
client COUNCIL BLUFFS PARKS AND RECREATION DEPARTMENT
sheet **SITE SURVEY**

project no.
150920
sheet
C1.0

hgm:
fb:



SITE LAYOUT AND GRADING PLAN 1

NOTE:

ALL UTILITIES SHOWN ARE FROM CONSTRUCTION DRAWINGS.

0 5 10 20 Feet

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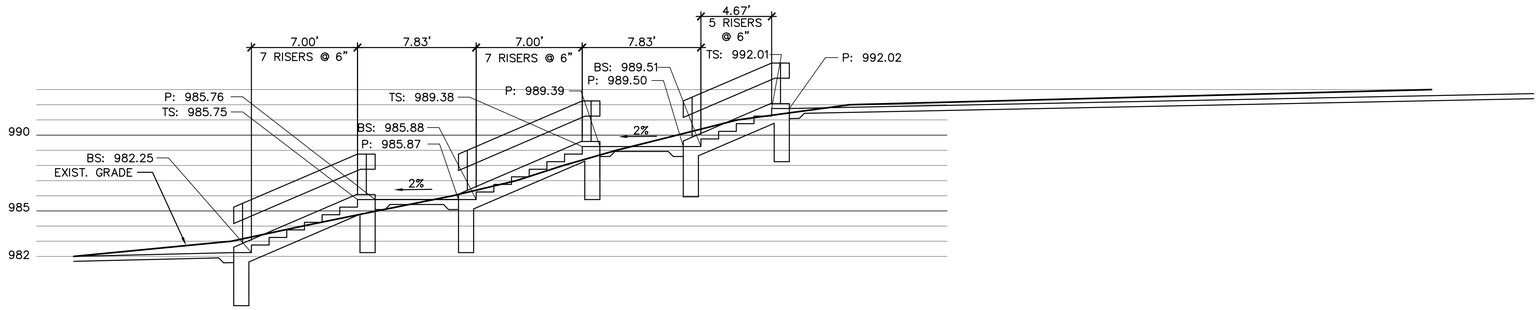
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JNS drawn
TMM designed
JEJ approved
DEC '20 date
revision date

project RIVERS EDGE WATER FEATURE MAINTENANCE
client COUNCIL BLUFFS PARKS AND RECREATION DEPARTMENT
sheet **SITE LAYOUT AND GRADING PLAN**

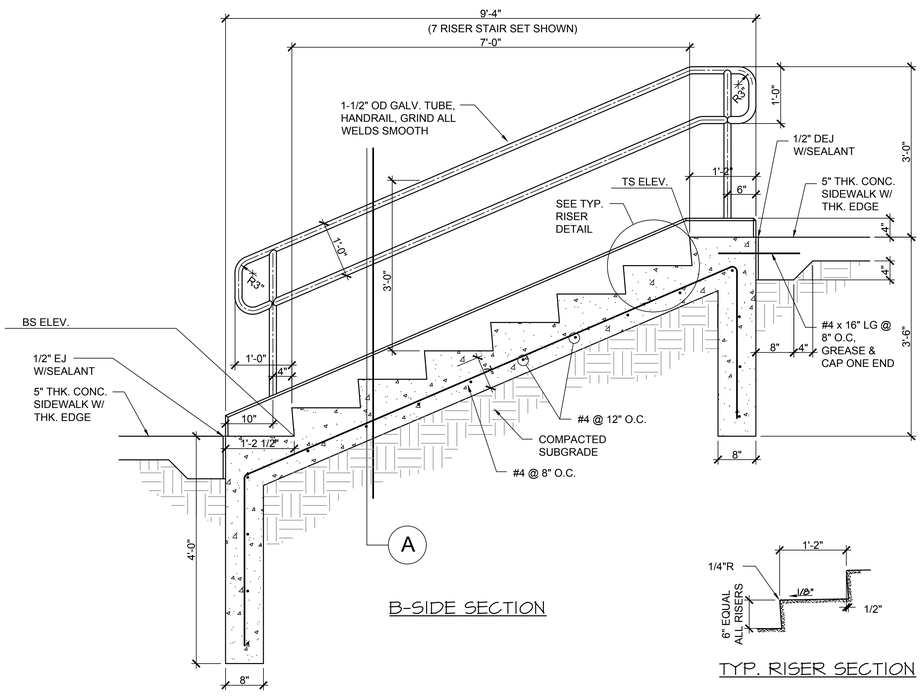
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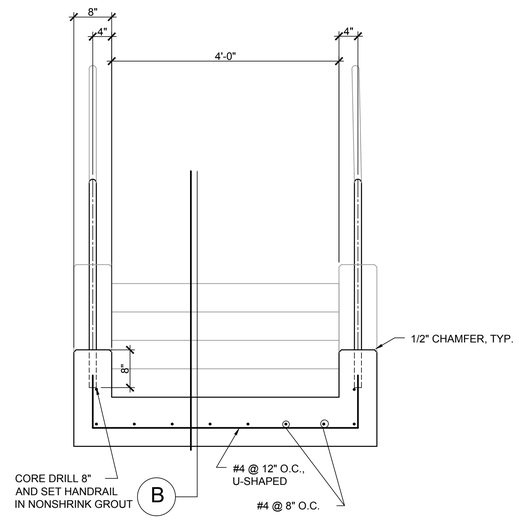
SECTION THRU STAIRS 1

SCALE: 1" = 5'-0"



B-SIDE SECTION

TYP. RISER SECTION



A-SECTION

NOTES:
1. ALL REBAR TO BE EPOXY COATED.
2. MIN. COVER OF 2" ON ALL REBAR.
3. HANDRAIL, ALL WELDS TO BE GRIND SMOOTH.
4. HANDRAIL,

TYP. STAIRS DETAIL 2

SCALE: 3/4" = 1'-0"

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JNS		drawn
JEJ		designed
JEJ		approved
DEC '20		date
		revision

project RIVERS EDGE PAVILION MAINT. SIDEWALK

client COUNCIL BLUFFS PARKS AND RECREATION DEPARTMENT

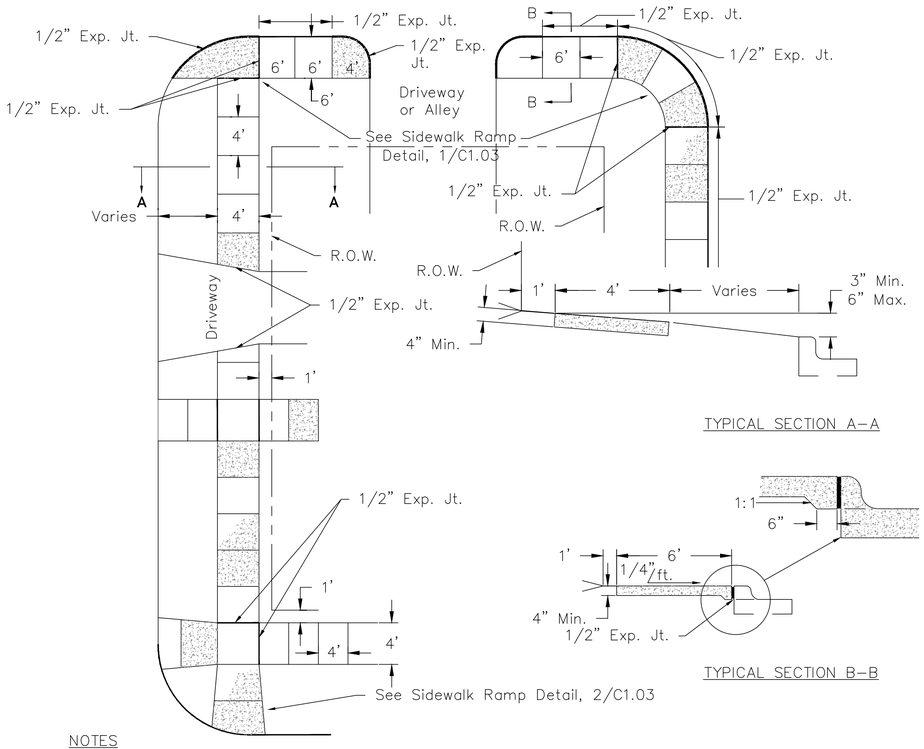
sheet **SITE DETAILS**

project no.
150920

sheet
C3.0

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TYPICAL SECTION A–A

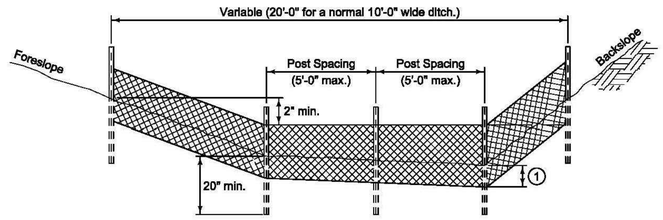
TYPICAL SECTION B–B

NOTES

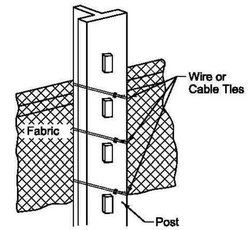
1. One half inch expansion joints shall be placed in all sidewalks at intervals of not more than 50' and as shown where sidewalks butt against curb. If the sidewalk to be constructed is less than 50' in length one such expansion joint shall be placed as directed by the Engineer, Expansion material is also needed where sidewalks butt against buildings and\or retaining walls.
2. Sidewalk slope may be varied to suit existing conditions. Recommended min. & max. to be 1/4"/ft. and 1/2"/ ft., respectively. Variations to suit extreme conditions to be at direction of Public Works.
3. All sidewalks 5 ft. or more in width shall be scored in panels no greater than 5' in length.
4. No sidewalk repair shall be less than one complete panel.
5. Use sealing filler, polyurethane, on all expansion joints, per specifications.
6. Wheelchair Ramps, shall be constructed at all points of entry.
7. Contraction joints shall be scored to a minimum depth of T/4, where "T" is the sidewalk thickness.

SIDEWALK DETAILS

SCALE : NONE



TYPICAL SILT FENCE DITCH CHECK



ATTACHMENT TO POST

1 Insert 12 inches of fabric a minimum of 6 inches deep (fabric may be folded below the ground line).

SUDAS

REVISION 2 10-21-14

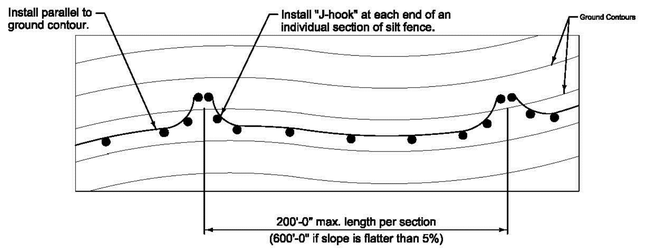
9040.119

SHEET 1 of 2

SUDAS Standard Specifications

SILT FENCE

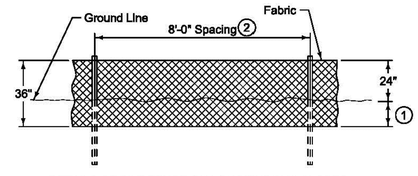
FIGURE 9040.119 SHEET 1 OF 2



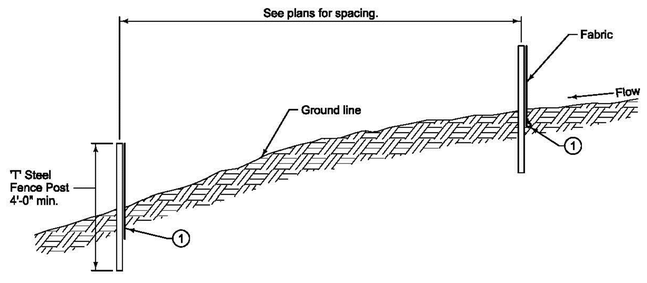
TYPICAL SILT FENCE INSTALLATION ON LONGITUDINAL SLOPES
(Plan View)

1 Insert 12 inches of fabric a minimum of 6 inches deep (fabric may be folded below the ground line).

2 Reduce post spacing to 5'-0" at water concentration areas, or as required to adequately support fence.



DETAILS OF SILT FENCE ON LONGITUDINAL SLOPES



TYPICAL SILT FENCE INSTALLATION ON LONGITUDINAL SLOPES
(Profile View)

SUDAS

REVISION 2 10-21-14

9040.119

SHEET 2 of 2

SUDAS Standard Specifications

SILT FENCE

FIGURE 9040.119 SHEET 2 OF 2

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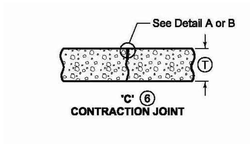
JNS drawn
JEJ designed
JEJ approved
DEC'20 date
revision date

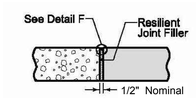
project RIVERS EDGE PAVILION MAINT. SIDEWALK
client COUNCIL BLUFFS PARKS AND RECREATION DEPARTMENT
sheet SITE DETAILS

project no. 150920

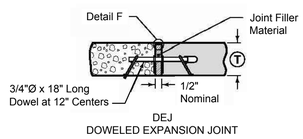
sheet C3.1

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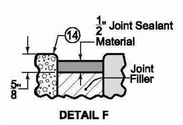




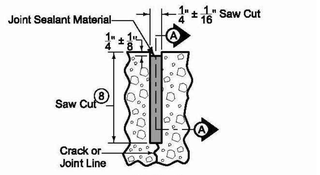
EJ
1/2" EXPANSION JOINT



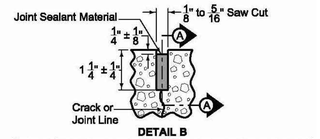
DEJ
DOWELED EXPANSION JOINT



DETAIL F



DETAIL A
(Saw cut formed by conventional concrete sawing equipment.)

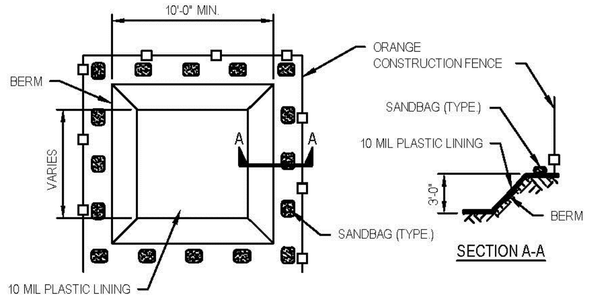


DETAIL B
(Saw cut formed by approved early concrete sawing equipment.)

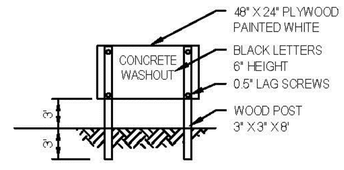
⑧ Saw 'CD' joint to a depth of T/3 ± 1/4"; saw 'C' joint to a depth of T/4 ± 1/4".

⑨ When tying into old pavement, Ⓣ represents the depth of sound PCC.

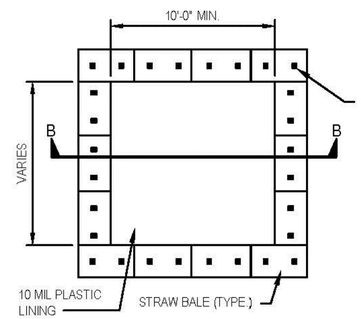
SIDEWALK JOINTS



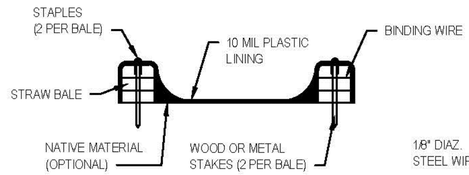
PLAN - BELOW GRADE OPTION



CONCRETE WASHOUT SIGN DETAIL



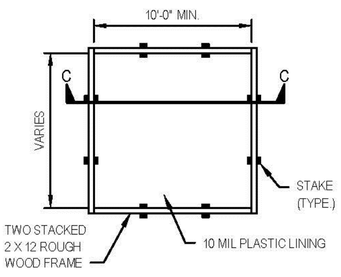
PLAN - ABOVE GRADE W/ STRAW BALES OPTION



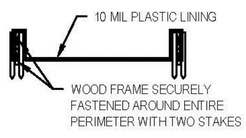
SECTION B-B



STAPLE DETAIL



PLAN - ABOVE GRADE OPTION



SECTION C-C

CONCRETE WASHOUT AREA INSTALLATION NOTES:

1. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
2. THE CONCRETE WASHOUT AREA WILL BE CONSTRUCTED ABOVE GRADE OR BELOW GRADE AT THE OPTION OF THE CONTRACTOR. THE ACTUAL LAYOUT SHALL BE DETERMINED IN THE FIELD.
3. THE CONCRETE WASHOUT AREA SHALL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS. THE WASHOUT AREA MUST BE CLEANED, OR A NEW WASHOUT AREA MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75% FULL.
4. THE CONCRETE WASHOUT SIGN SHALL BE PLACED WITHIN 30' OF THE WASHOUT AREA. ADDITIONAL SIGNS SHOULD BE CONSTRUCTED AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
5. THE CONCRETE WASHOUT AREA SHALL BE LOCATED A MINIMUM OF 50 FEET FROM STORM DRAIN INLETS, OPEN DISCHARGE FACILITIES, AND WATERCOURSES. EACH FACILITY SHOULD BE LOCATED AWAY FROM CONSTRUCTION TRAFFIC OR ACCESS TO PREVENT DISTURBANCE OR TRACKING. VEHICLE TRACKING CONTROL IS REQUIRED AT CONCRETE WASHOUT ENTRANCE IF ACCESS TO AREA IS OFF PAVEMENT.
6. PLASTIC LINING MATERIAL SHALL BE A MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND SHALL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
7. WHEN THE CONCRETE WASHOUT AREA IS NO LONGER REQUIRED FOR WORK, THE HARDENED CONCRETE AND MATERIAL USED TO CONSTRUCT WASHOUT AREA SHALL BE REMOVED AND DISPOSED OF AT AN APPROVED WASTE SITE.
8. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, THE DISTURBED AREA SHALL BE SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE ENGINEER.

CONCRETE WASHOUT AREA

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JNS drawn
TMM designed
JEJ approved
DEC'20 date
date revision

project RIVERS EDGE PAVILION MAINT. SIDEWALK
client COUNCIL BLUFFS PARKS AND RECREATION DEPARTMENT
sheet **SITE DETAILS**

project no.
150920
sheet
C3.2

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fb: