Attachment G

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

CONSTRUCT STORM SEWER STRUCTURE	
NO.	DESCRIPTION
A1	Drain Basin With 2'x3' Grate Top, Rim = 1006.55 FL (24" In) = 998.20 FL (24" Out) = 998.20
A2	Drain Basin With 2'x3' Grate Top, Rim = 1006.55 FL (24" In) = 998.86 FL (24" Out) = 998.86
A3	Drain Basin With 2'x3' Grate Top, Rim = 1006.58 FL (24" In) = 999.32 FL (24" Out) = 999.32 FL (12" In) = 1000.32
A4	Drain Basin With 2'x3' Grate Top, Rim = 1006.58 FL (24" In) = 999.84 FL (24" Out) = 999.84
A5	Drain Basin With 2'x3' Grate Top, Rim = 1006.58 FL (24" In) = 1000.36 FL (24" Out) = 1000.36
A6	Drain Basin With 2'x3' Grate Top, Rim = 1006.58 FL (15" In) = 1001.63 FL (24" Out) = 1000.88 FL (18" In) = 1001.38 FL (12" In) = 1001.88
A7	Drain Basin With 2'x3' Grate Top, Rim = 1007.62 FL (15" In) = 1002.34 FL (15" Out) = 1002.34
A8	Drain Basin With 2'x3' Grate Top, Rim = 1007.62 FL (15" In) = 1002.92 FL (15" Out) = 1002.92
A9	Drain Basin With 2'x3' Grate Top, Rim = 1006.73 FL (15" Out) = 1003.69
A10	Drain Basin With Dome Grate Top, Rim = 1006.41 FL (15" In) = 1002.79 FL (15" In) = 1002.79 FL (18" Out) = 1002.54
A11	Drain Basin With Dome Grate Top, Rim = 1007.37 FL (15" In) = 1003.46 FL (15" Out) = 1003.46

CONSTRUCT STORM SEWER STRUCTURE	
NO.	DESCRIPTION
A12	Drain Basin With Dome Grate Top, Rim = 1007.37 FL (15" In) = 1004.35 FL (15" Out) = 1004.35
A13	Drain Basin With Dome Grate Top, Rim = 1007.37 FL (15" Out) = 1005.23
A14	Drain Basin With Dome Grate Top, Rim = 1006.62 FL (15" Out) = 1003.78 FL (15" In) = 1003.78
A15	Drain Basin With Dome Grate Top, Rim = 1006.62 FL (15" Out) = 1004.66
A18	Drain Basin With Dome Grate Top, Rim = 1006.38 FL (15" In) = 999.48 FL (15" Out) = 999.48
A19	Drain Basin With Dome Grate Top, Rim = 1006.38 FL (15" In) = 1002.82 FL (15" Out) = 1002.82
A20	Drain Basin With Dome Grate Top, Rim = 1006.40 FL (15" Out) = 1004.05
A21	PCSMP Structure, See Sheet , Rim = 999.00 FL (15" Out) = 994.00
C1	Drain Basin With 2'x3' Curb Inlet Top, Rim = 1003.64 FL (24" In) = 997.15 FL (24" Out) = 997.15
C2	Drain Basin With 2'x3' Curb Inlet Top, Rim = 1006.30 FL (18" In) = 1002.36 FL (18" Out) = 1002.36
C3	24"X36" Grate, Rim = 1000.24 FL (15" In) = 995.74 FL (15" Out) = 995.74

CONSTRUCT STORM SEWER PIPE						
ID	START STRUCTURE	END STRUCTURE	Dia.	Length	Slope	Remarks
P1	C1	F1	24"	37.02	8.50%	HDPE
P2	A1	C1	24"	151.03	0.70%	HDPE
P3	A2	A1	24"	94.00	0.70%	HDPE
P4	A3	A2	24"	65.00	0.70%	HDPE
P5	A4	A3	24"	74.67	0.70%	HDPE
P6	A5	A4	24"	74.67	0.70%	HDPE
P7	A6	A5	24"	74.67	0.70%	HDPE
P8	A7	A6	15"	101.22	0.70%	HDPE
P9	A8	A7	15"	82.60	0.70%	HDPE
P10	A9	A8	15"	109.10	0.70%	HDPE
P11	C2	A6	18"	97.03	1.00%	HDPE
P12	A10	C2	18"	18.43	1.00%	HDPE
P13	A11	A10	15"	67.46	1.00%	HDPE
P14	A12	A11	15"	88.37	1.00%	HDPE
P15	A13	A12	15"	88.37	1.00%	HDPE
P16	A14	A10	15"	98.91	1.00%	HDPE
P17	A15	A14	15"	88.37	1.00%	HDPE
P18	A3	A16	12"	35.60	7.50%	HDPE
P19	A6	A17	12"	35.60	7.50%	HDPE
P20	C3	F2	15"	30.00	5.80%	HDPE
P21	A18	C3	15"	99.74	3.75%	HDPE
P22	A19	A18	15"	61.78	5.40%	HDPE
P23	A20	A19	15"	61.78	2.00%	HDPE
P24	A21	F3	15"	53.00	6.30%	HDPE

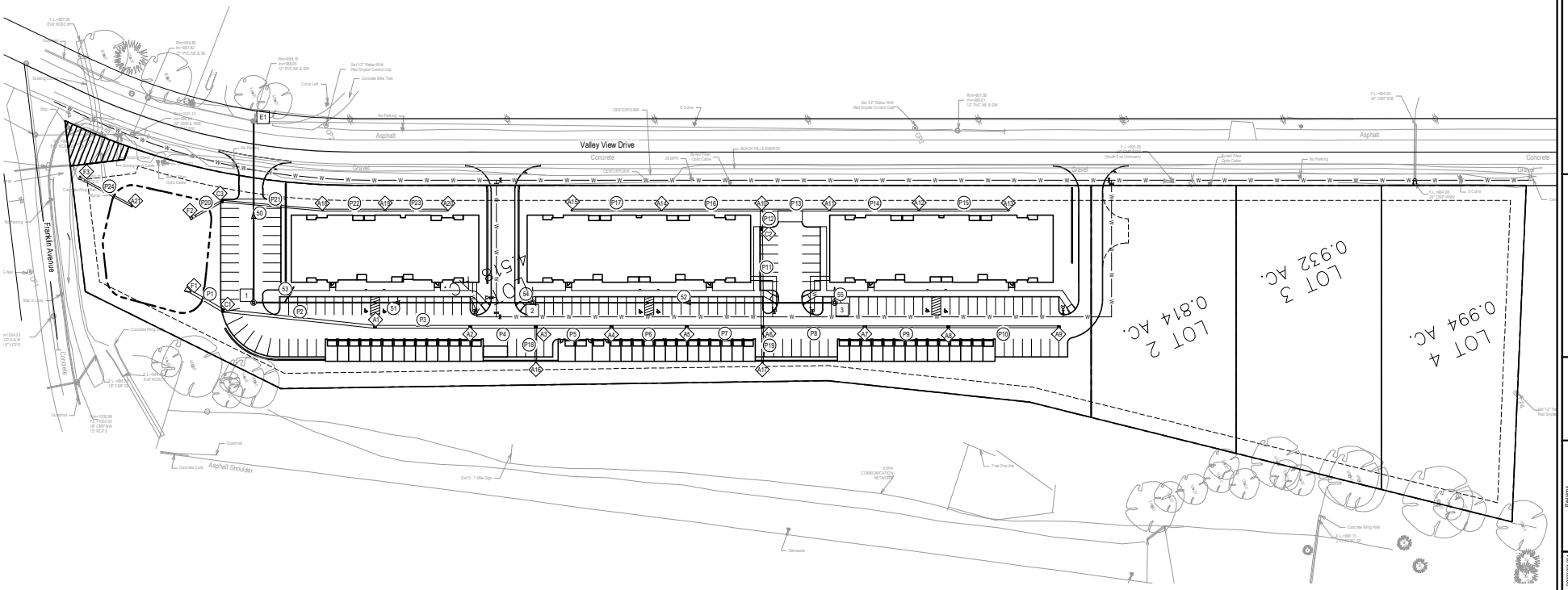
CONSTRUCT SANITARY SEWER MANHOLE	
NO.	DESCRIPTION
E1	54" Connect to Existing Sanitary Sewer Manhole, Rim = 998.18 FL (8" In) = 988.06
1	54" Sanitary Sewer Manhole, Rim = 1004.99 FL (8" Out) = 992.54 FL (8" In) = 992.64
2	54" Sanitary Sewer Manhole, Rim = 1007.65 FL (8" Out) = 995.40 FL (8" In) = 995.50 FL (6" In) = 995.57
3	54" Sanitary Sewer Manhole, Rim = 1008.19 FL (8" Out) = 998.49 FL (6" In) = 998.66

CONSTRUCT SANITARY SEWER PIPE				
ID	Dia	Length	Slope	Remarks
50	8"	179.35	2.50%	PVC
51	8"	275.58	1.00%	PVC
52	8"	298.92	1.00%	PVC
53	6"	18.32	2.00%	PVC
54	6"	15.05	2.00%	PVC
55	6"	15.11	2.00%	PVC

CONSTRUCT FLARED END SECTION			
ID	Description (Size)	Details	Remarks
F1	24"	FL = 994.00 (24")	
F2	15"	FL = 994.00 (15")	
F3	15"	FL = 990.66 (15")	

40 0 40
1 inch = 40 ft.

LEGEND
- Storm Sewer System
- Sanitary Sewer System
- PCSMP Basin Perimeter
- Gas Service
- Water Service
- Water Service (Fire)
- Electrical Service
- Fire Hydrant
- Gate Valve
- Post Indicator Valve



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WESTERN RIDGE APARTMENTS
COUNCIL BLUFFS
POTTAWATTAME COUNTY, IOWA

UTILITY PLAN

Revisions		
No.	Date	Description

Proj No. P2022.001.B0
Date 7/11/22
Designed By DBK
Drawn By EJK
Sheet 45 OF XXSHTS
Sheet # 4 of 4

Jeremy J. Wright 7/11/2022 3:47 PM K:\Projects\2022\001\p01\Engineering\CAD Files\Civil Site\SITE - Valley View - 001.dwg