

2022

CAMPGROUND IMPROVEMENTS

DAVID CITY, NE



2022
CAMPGROUND IMPROVEMENTS
DAVID CITY, NE

OWNER:

NAME:

TAMI COMTE

CONTACT INFO:

CITY CLERK-TREASURER
CITY OF DAVID CITY
402-367-3135
TCOMTE@DAVIDCITYNE.COM

ENGINEER:

NAME:

AARON BEAUCLAIR

CONTACT INFO:

JEO CONSULTING GROUP, INC.
402-413-9813
ABEAUCLAIR@JEO.COM

PLAN REVISIONS

- 1

1. ADDED ELECTRICAL SHEETS
2. REISSUED SHEET D1.4
- 2

1. REISSUED SHEET C1.3
2. REISSUED SHEET PP3.4
2. REISSUED SHEET D1.2
3. REISSUED SHEET D1.3

UTILITIES:

NAME:

CONTACT INFO:

NAME

SPRINT/T-MOBILE
PHONE:
EMAIL:

NAME

BLACK HILLS ENERGY
PHONE:
EMAIL:

NAME

CITY OF DAVID CITY - WATER
PHONE:
EMAIL:

NAME

CITY OF DAVID CITY - ELECTRIC
PHONE:
EMAIL:

NAME

SPECTRUM
PHONE:
EMAIL:

NAME

WINDSTREAM
PHONE:
EMAIL:

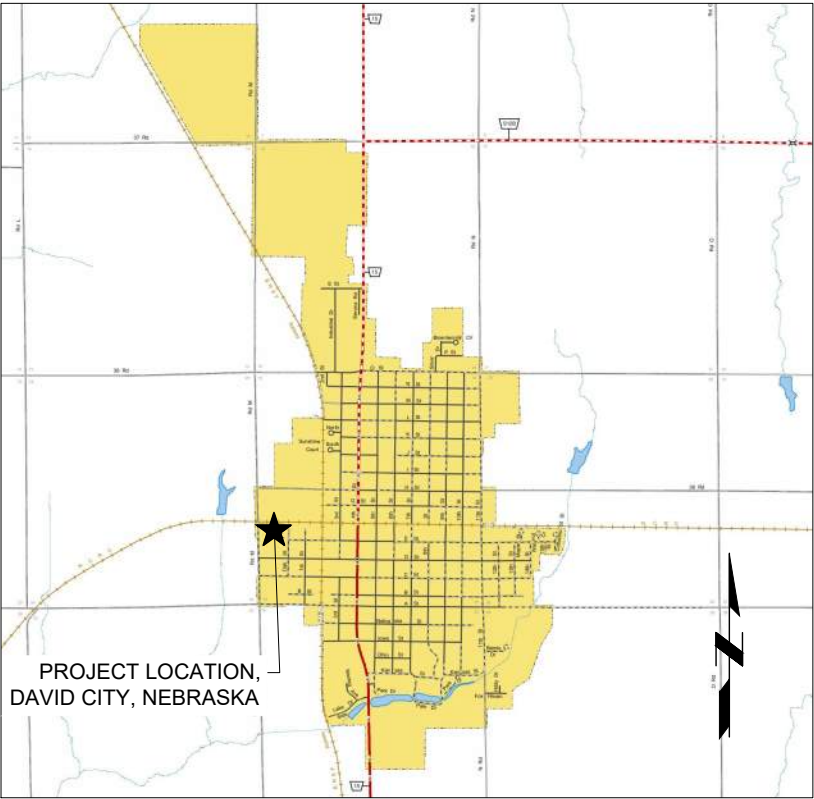
INDEX OF SHEETS:

SHEET NO:

SHEET NAME:

- C0.1COVER
- C0.2SYMBOLS
- C0.3 - C0.6SURVEY CONTROL & LAYOUT
- C1.1OVERALL SITE PLAN
- C1.2GRADING PLAN
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- PP1.1 - PP1.4ROAD PLAN AND PROFILES
- PP2.1 - PP2.2STORM PLAN AND PROFILES
- PP3.1 - PP3.4SANITARY SEWER PLAN AND PROFILES
- PP4.1 - PP4.2WATER PLAN AND PROFILES
- D1.1 - D1.6DETAILS
- 1

E1.1 - E2.3ELECTRICAL PLANS AND DETAILS



LOCATION MAP



Know what's below.
Call before you dig.

I, AARON D. BEAUCLAIR, P.E.,
AM THE COORDINATING
PROFESSIONAL ON THE
DAVID CITY CAMPGROUND
IMPROVEMENTS PROJECT.

NOTE:
NEITHER THE OWNER (CLIENT) NOR JEO CONSULTING GROUP, INC. ASSUMES ANY RESPONSIBILITY FOR UTILITY LOCATIONS BEING ACCURATELY SHOWN OR NOT SHOWN ON THE PLANS. A REQUEST FOR UTILITY LOCATES WAS MADE FOR THIS LOCATION AS PER THE ONE-CALL NOTIFICATION SYSTEM ACT.
DATE: 6/13/2022 TICKET NO.: 221641971
DATE: 6/13/2022 TICKET NO.: 221641972
DATE: 6/13/2022 TICKET NO.: 221641973
DATE: 6/13/2022 TICKET NO.: 221641974
DATE: 6/13/2022 TICKET NO.: 221641975
DATE: 6/13/2022 TICKET NO.: 221641976
DATE: 6/13/2022 TICKET NO.: 221641977

UTILITIES SHOWN ARE FROM FIELD MARKINGS PROVIDED IN THE FIELD BY THE UTILITY PROVIDERS.

THE EXACT LOCATION AND/OR SIZE OF UNDERGROUND FEATURES MAY NOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. FIELD VERIFICATION OF UTILITIES MAY BE REQUIRED. CONTRACTOR(S) SHALL NOTIFY THE RESPECTIVE UTILITY COMPANIES BEFORE COMMENCING ANY WORK.

COVER



PROJECT NO. 220784.00
DATE 12/6/2022
DRAWN BY JDS
FILE NAME S-220784-Gen.dwg
FIELD BOOK David City #21
FIELD CREW NP
SURVEY FILE NO. SV-220784
PLAN IN HAND INITIALS DPB
DATE 8/10/22
70 PERCENT REVIEW INITIALS ADB
DATE 10/24/22
95 PERCENT REVIEW INITIALS DPB
DATE 11/2/22
REVISIONS 11/16/2022 1

C0.1

LINESTYLES

ITEM	SYMBOL
BREAK LINE	
CABLE TELEVISION	
CENTERLINE OF ROAD	
CONTOUR MINOR (EX)	
CONTOUR MAJOR (EX)	
CONTOUR MINOR (EX SCREENED)	
CONTOUR MAJOR (EX SCREENED)	
CONTOUR MINOR (PR)	
CONTOUR MAJOR (PR)	
LIMITS OF CONSTRUCTION	
CULVERT	
ELECTRIC (OVERHEAD)	
ELECTRIC (UNDERGROUND)	
FENCE (WOODEN)	
FENCE (WIRE OR UNKNOWN)	
FENCE (CHAINLINK)	
FENCE (SECURITY)	
FIBER OPTIC LINE	
FLOWLINE (BREAKLINE)	
GAS LINE	
GUARDRAIL	
PROPERTY BOUNDARY	
PROPERTY LOT LINES (PR)	
RIGHT-OF-WAY LINE	
RAILROAD RIGHT-OF-WAY	
RAILROAD TRACKS	
RETAINING WALL	
SANITARY SEWER (EXIST)	
SANITARY SEWER (PROP)	
SAN SEWER FORCE MAIN (EX)	
SAN SEWER FORCE MAIN (PR)	
STORM SEWER (EXIST)	
STORM SEWER (PROP)	
TELEPHONE LINE (UGND)	
TELEPHONE LINE (OVERHEAD)	
TERRACE	
CROPLINE	
TRAVELED WAY	
WATER (EXIST)	
WATER (PROP)	
FIRE SERVICE	

SWPPP

ITEM	SYMBOL
SILT FENCE	
INLET PROTECTION	
STRAW WATTLE CHECK	
STRAW BALE CHECK	
FLOW ARROW (PLAN)	
AREA INLET FILTER PROTECTION	
RIP RAP	
SEEDING	
MATTING	

PAVING FEATURES

ITEM	SYMBOL
EXISTING PAVEMENT JOINT	
TRANSVERSE JOINT	
LONGITUDINAL JOINT	
EXPANSION/KEYED JOINT	
PAVEMENT MARKING	
PAVEMENT REBAR	
HANDICAP SYMBOL	

UTILITIES

ITEM	SYMBOL
STORM SEWER	
CURB INLET	
GRATE INLET	
CATCH BASIN	
STORM SEWER MANHOLE	
SANITARY	
CLEANOUT	
SEPTIC TANK	
SANITARY MANHOLE	
POWER, ELECTRICAL, LIGHT, AND TRAFFIC	
AIR CONDITIONING UNIT	
ANTENNA	
ANCHOR POLE/POST	
GUY POLE	
GUY WIRE ANCHOR	
ELECTRICAL HIGHLINE TOWER (METAL OR CONCRETE)	
POWER POLE (EXISTING)	
POWER POLE (PROPOSED)	
POWER (ELEC) PEDESTAL	
POWER (ELEC) PULL BOX OR MANHOLE	
POWER (ELEC) METER	
LIGHT POLE	
TRAFFIC SIGNAL	
TRAFFIC SIGNAL BOX	
TELEVISION PEDESTAL	
TELEVISION MANHOLE	
WATER	
WATER MANHOLE	
WATER VALVE	
WATER SHUT OFF OR CURB STOP	
WELL	
WATER METER	
WATER METER PIT	
YARD HYDRANT	
WATER ELEVATION	
WATER TOWER	
FIRE HYDRANT (EXISTING)	
FIRE HYDRANT (PROPOSED)	
FIRE HYDRANT IN PROFILE	
WATER FITTINGS	
11- 1/4"	
22- 1/2"	
45°	
90°	
CROSS	
PLUG	
REDUCER	
TEE	
GAS	
GAS METER	
GAS MANHOLE	
GAS FILL PIPE	
GAS PUMP	
GAS VALVE	
GAS VENT	
TELEPHONE	
FIBER OPTICS PULL BOX	
TELEPHONE POLE	
TELEPHONE PULL BOX OR MANHOLE	
TELEPHONE PEDESTAL	
MANHOLE (NON-SPECIFIC)	
UNDERGRND STORAGE TANK	
VALVE (NON-SPECIFIC)	

VEGETATION

ITEM	SYMBOL
BUSH	
CONIFEROUS TREE	
DECIDUOUS TREE	
MARSH/WETLAND	
TREE MASS LINE	
TREE STUMP	

SITE & SIGNAGE

ITEM	SYMBOL
SIGN	
BARRICADE	
ROAD SIGNS	
COUNTY ROAD	
INTERSTATE HIGHWAY	
STATE HIGHWAY	
U.S. HIGHWAY	
MILE MARKER POST	
RIGHT OF WAY MARKER	
RAILROAD CROSSING SIGNAL	
RAILROAD SWITCH	
FLAG POLE	
MAILBOX	
PROPANE TANK	
SATELLITE TV DISH	
WINDMILL	

CONTROL & ELEVATION

ITEM	SYMBOL
BENCHMARK	
CONTROL POINT (NON-PROPERTY)	
MONUMENT FOUND (PROPERTY)	
MONUMENT SET	
TEMPORARY POINT	
TEST BORING	
POINT ELEVATION (EXISTING)	
POINT ELEVATION (PROPOSED)	
TOP OF PAVEMENT	
TOP OF CURB	
GROUND	
TOP OF WALL	
BOTTOM OF WALL	
FLOWLINE	
GRID TICK	

MISC FEATURES

ITEM	SYMBOL
CENTER PIVOT	
CEMETERY	
GRAVE	
CHURCH	
CAVE	
CISTERN	
LATRINE	
OIL WELL	
GUARD POST	

PAVEMENT SYMBOLS AND HATCH

ITEM	SYMBOL	HATCH
ASPHALT PAVEMENT (EX.)		
CONCRETE PAVEMENT (EX.)		
GRAVEL (EX.)		
BRICK PAVEMENT (EX.)		
ASPHALT PAVEMENT (PR.)		
CONCRETE PAVEMENT (PR.)		
CONCRETE SIDEWALK (PR)		
GRAVEL (PR.)		
GRAVEL (PR.)		
BRICK PAVEMENT (PR.)		

GENERAL

ITEM	SYMBOL
PLAN REVISION	
NORTH ARROW	
GRAPHIC SCALE	

ARCHITECTURAL MATERIALS

ITEM	SYMBOL	ITEM	SYMBOL	ITEM	SYMBOL
UNDISTURBED EARTH		CONCRETE BLOCK		LVL - GLU-LAM	
EARTH		METAL		GYPSUM BOARD (DBL LINE OMITTED AT SMALL SCALE)	
GRANULAR FILL		WOOD, FINISH		INSULATION, BATT	
SAND MORTAR, PLASTER		WOOD, FRAMING		GLASS - ELEVATION	
CONCRETE		WOOD, FRAMING INTERRUPTED MEMBER		INSULATION, RIGID	
BRICK		PLYWOOD			

ARCHITECTURAL SYMBOLS

ITEM	SYMBOL	ITEM	SYMBOL
DATUM POINT		REFERENCED NOTE	
EXISTING COLUMN LINE		ELEVATION	
REFERENCED DEMOLITION NOTE		BUILDING SECTION	
REFERENCED PHOTOGRAPH TAG		WALL SECTION	
COLUMN REFERENCE GRID LINES		DETAIL	
ROOM NAME & NO.		INTERIOR ELEVATION(S)	
DOOR NO.		ENLARGED DETAIL	
WINDOW NO.		REVISION	
WALL TYPE			
EQUIPMENT OR FIXTURE			



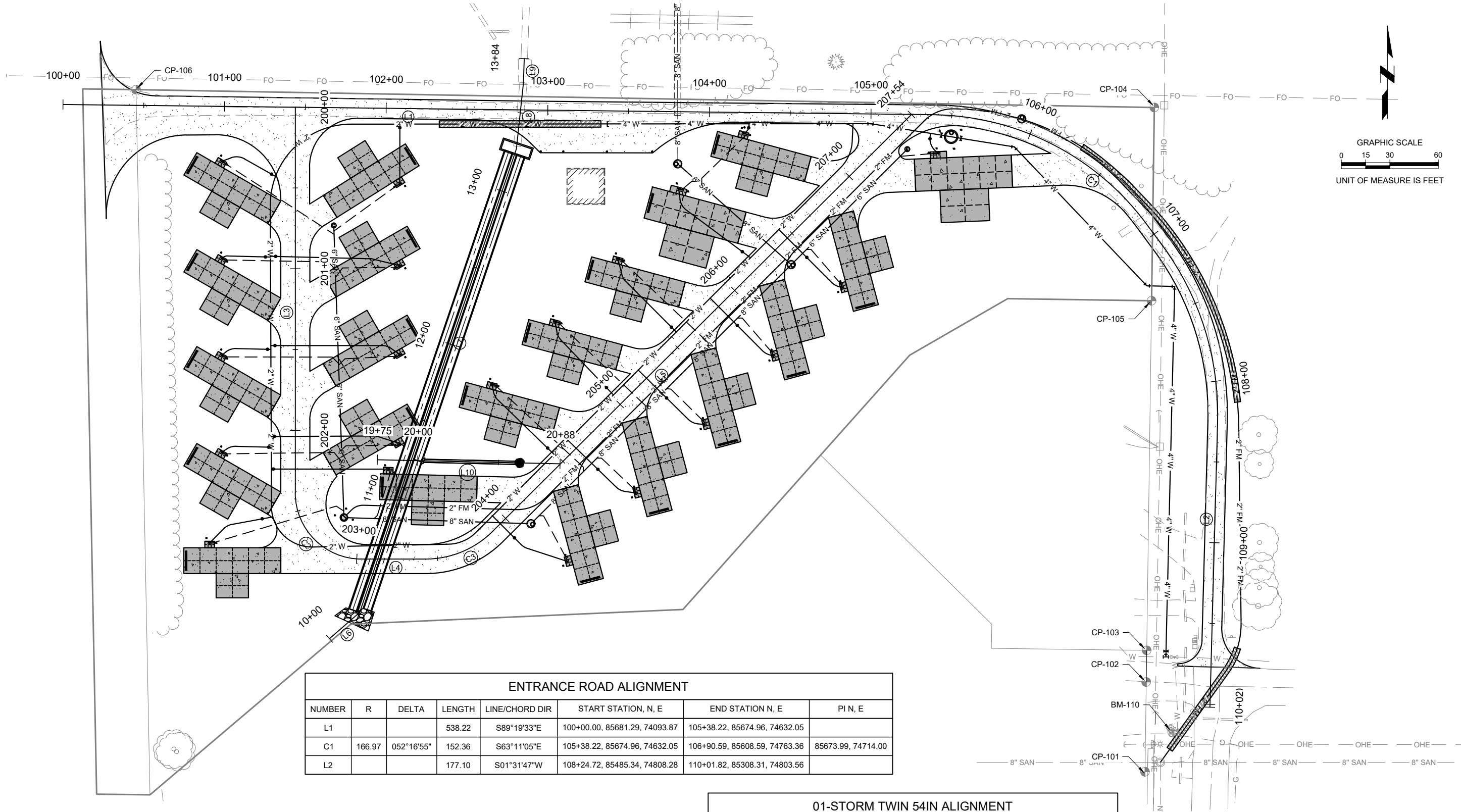
2022
CAMPGROUND IMPROVEMENTS
DAVID CITY, NE

SYMBOLS



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DATE 12/6/2022
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FILE NAME S-220784-Gen.dwg
FIELD BOOK David City #21
FIELD CREW NP
SURVEY FILE NO. SV-220784
PLAN IN HAND INITIALS DPB
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C0.2



ENTRANCE ROAD ALIGNMENT						
NUMBER	R	DELTA	LENGTH	LINE/CHORD DIR	START STATION, N, E	END STATION N, E
L1			538.22	S89°19'33"E	100+00.00, 85681.29, 74093.87	105+38.22, 85674.96, 74632.05
C1	166.97	052°16'55"	152.36	S63°11'05"E	105+38.22, 85674.96, 74632.05	106+90.59, 85608.59, 74763.36
L2			177.10	S01°31'47"W	108+24.72, 85485.34, 74808.28	110+01.82, 85308.31, 74803.56

CAMPGROUND ROAD ALIGNMENT						
NUMBER	R	DELTA	LENGTH	LINE/CHORD DIR	START STATION, N, E	END STATION N, E
L3			238.61	S00°00'00"E	200+00.00, 85679.60, 74237.62	202+38.61, 85441.00, 74237.62
C2	41.00	090°00'00"	64.40	S45°00'00"E	202+38.61, 85441.00, 74237.62	203+03.01, 85400.00, 74278.62
L4			39.54	N90°00'00"E	203+03.01, 85400.00, 74278.62	203+42.55, 85400.00, 74318.16
C3	59.00	044°52'12"	46.20	N67°33'54"E	203+42.55, 85400.00, 74318.16	203+88.75, 85417.18, 74359.79
L5			365.60	N45°07'48"E	203+88.75, 85417.18, 74359.79	207+54.36, 85675.11, 74618.89

01-STORM TWIN 54IN ALIGNMENT				
NUMBER	LENGTH	LINE/CHORD DIR	START STATION, N, E	END STATION N, E
L6	24.86	N48°56'19"E	10+00.00, 85350.67, 74258.73	10+24.86, 85367.00, 74277.47
L7	302.77	N18°40'19"E	10+24.86, 85367.00, 74277.47	13+27.63, 85653.84, 74374.40
L8	40.94	N06°07'37"E	13+27.63, 85653.84, 74374.40	13+68.57, 85694.54, 74378.77
L9	15.13	N01°51'20"E	13+68.57, 85694.54, 74378.77	13+83.70, 85709.67, 74379.26

02-STORM 18IN ALIGNMENT				
NUMBER	LENGTH	LINE/CHORD DIR	START STATION, N, E	END STATION N, E
L10	113.07	S88°43'27"E	19+75.00, 85461.43, 74288.38	20+88.07, 85458.91, 74401.42

SYMBOL

0+001+00

(C1)

(L1)

△

○

LEGEND

DESCRIPTION

BASELINE ALIGNMENT (DESIGN)

BASELINE ALIGNMENT CURVE TAG LABEL

BASELINE ALIGNMENT LINE TAG LABEL

BASELINE ALIGNMENT PI POINT

POINT OF CURVATURE OR TANGENCY

2022

CAMPGROUND IMPROVEMENTS

DAVID CITY, NE

SURVEY CONTROL AND LAYOUT

PROJECT NO.

220784.00

DATE

11/14/2022

DRAWN BY

JDS

FILE NAME

S-220784-Ctrl.dwg

FIELD BOOK

David City #21

FIELD CREW

NP

SURVEY FILE NO.

SV-220784

PLAN IN HAND

INITIALS

DATE

8/10/22

70 PERCENT REVIEW

INITIALS

DATE

10/24/22

95 PERCENT REVIEW

INITIALS

DATE

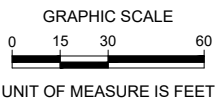
11/2/22

REVISIONS

C0.4



PROJECT NO.	220784.00
DATE	11/14/2022
DRAWN BY	JDS
FILE NAME	S-220784-Ctrl.dwg
FIELD BOOK	David City #21
FIELD CREW	NP
SURVEY FILE NO.	SV-220784
PLAN IN HAND	DPB
INITIALS	8/10/22
DATE	
70 PERCENT REVIEW	ADB
INITIALS	10/24/22
DATE	
95 PERCENT REVIEW	DPB
INITIALS	11/2/22
DATE	
REVISIONS	



LEGEND

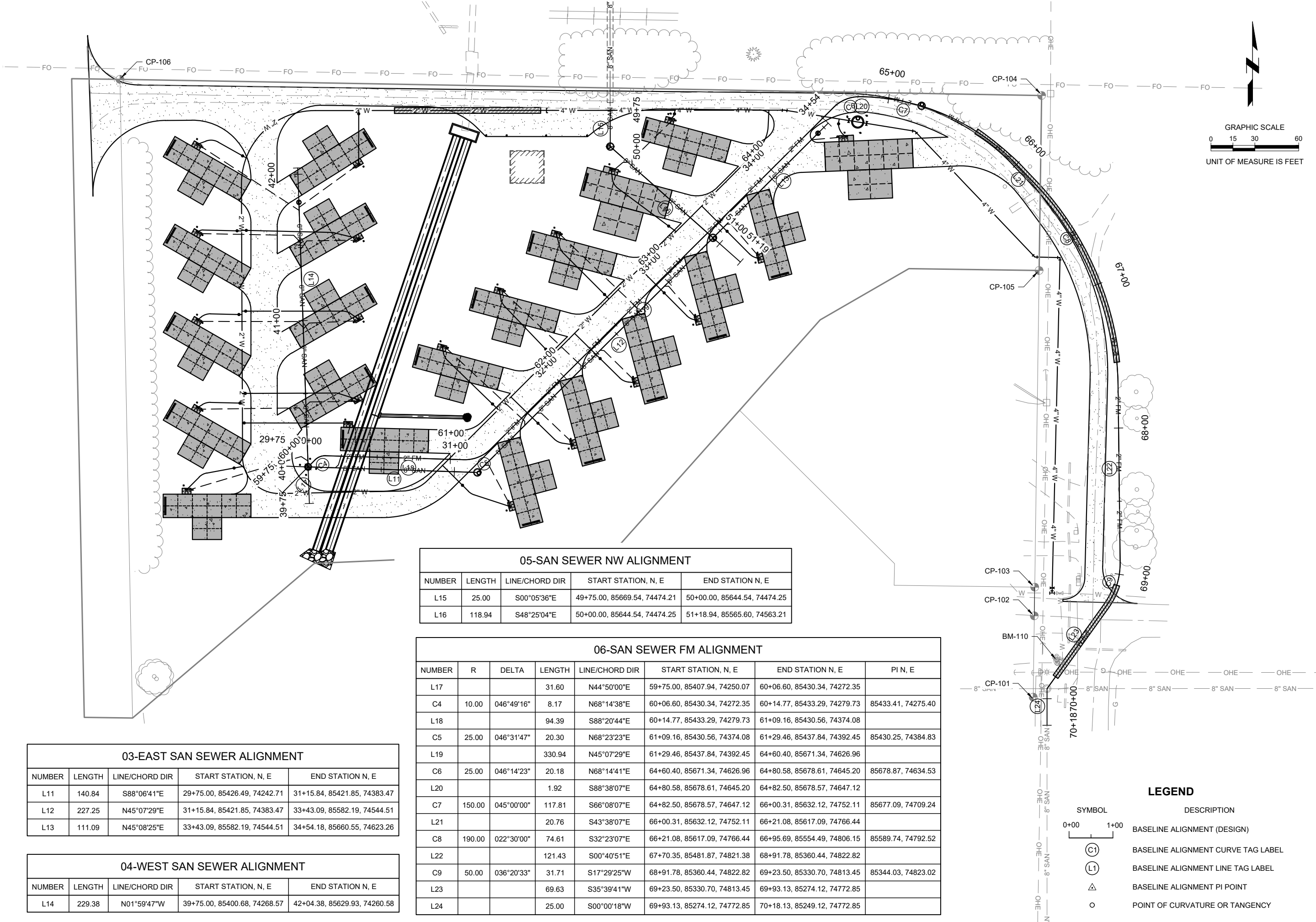
SYMBOL	DESCRIPTION
	BASELINE ALIGNMENT (DESIGN)
	BASELINE ALIGNMENT CURVE TAG LABEL
	BASELINE ALIGNMENT LINE TAG LABEL
	BASELINE ALIGNMENT PI POINT
	POINT OF CURVATURE OR TANGENCY

05-SAN SEWER NW ALIGNMENT				
NUMBER	LENGTH	LINE/CHORD DIR	START STATION, N, E	END STATION N, E
L15	25.00	S00°05'36"E	49+75.00, 85669.54, 74474.21	50+00.00, 85644.54, 74474.25
L16	118.94	S48°25'04"E	50+00.00, 85644.54, 74474.25	51+18.94, 85565.60, 74563.21

06-SAN SEWER FM ALIGNMENT							
NUMBER	R	DELTA	LENGTH	LINE/CHORD DIR	START STATION, N, E	END STATION N, E	PI N, E
L17			31.60	N44°50'00"E	59+75.00, 85407.94, 74250.07	60+06.60, 85430.34, 74272.35	
C4	10.00	046°49'16"	8.17	N68°14'38"E	60+06.60, 85430.34, 74272.35	60+14.77, 85433.29, 74279.73	85433.41, 74275.40
L18			94.39	S88°20'44"E	60+14.77, 85433.29, 74279.73	61+09.16, 85430.56, 74374.08	
C5	25.00	046°31'47"	20.30	N68°23'23"E	61+09.16, 85430.56, 74374.08	61+29.46, 85437.84, 74392.45	85430.25, 74384.83
L19			330.94	N45°07'29"E	61+29.46, 85437.84, 74392.45	64+60.40, 85671.34, 74626.96	
C6	25.00	046°14'23"	20.18	N68°14'41"E	64+60.40, 85671.34, 74626.96	64+80.58, 85678.61, 74645.20	85678.87, 74634.53
L20			1.92	S88°38'07"E	64+80.58, 85678.61, 74645.20	64+82.50, 85678.57, 74647.12	
C7	150.00	045°00'00"	117.81	S66°08'07"E	64+82.50, 85678.57, 74647.12	66+00.31, 85632.12, 74752.11	85677.09, 74709.24
L21			20.76	S43°38'07"E	66+00.31, 85632.12, 74752.11	66+21.08, 85617.09, 74766.44	
C8	190.00	022°30'00"	74.61	S32°23'07"E	66+21.08, 85617.09, 74766.44	66+95.69, 85554.49, 74806.15	85589.74, 74792.52
L22			121.43	S00°40'51"E	67+70.35, 85481.87, 74821.38	68+91.78, 85360.44, 74822.82	
C9	50.00	036°20'33"	31.71	S17°29'25"W	68+91.78, 85360.44, 74822.82	69+23.50, 85330.70, 74813.45	85344.03, 74823.02
L23			69.63	S35°39'41"W	69+23.50, 85330.70, 74813.45	69+93.13, 85274.12, 74772.85	
L24			25.00	S00°00'18"W	69+93.13, 85274.12, 74772.85	70+18.13, 85249.12, 74772.85	

03-EAST SAN SEWER ALIGNMENT				
NUMBER	LENGTH	LINE/CHORD DIR	START STATION, N, E	END STATION N, E
L11	140.84	S88°06'41"E	29+75.00, 85426.49, 74242.71	31+15.84, 85421.85, 74383.47
L12	227.25	N45°07'29"E	31+15.84, 85421.85, 74383.47	33+43.09, 85582.19, 74544.51
L13	111.09	N45°08'25"E	33+43.09, 85582.19, 74544.51	34+54.18, 85660.55, 74623.26

04-WEST SAN SEWER ALIGNMENT				
NUMBER	LENGTH	LINE/CHORD DIR	START STATION, N, E	END STATION N, E
L14	229.38	N01°59'47"W	39+75.00, 85400.68, 74268.57	42+04.38, 85629.93, 74260.58



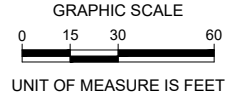


2022
CAMPGROUND IMPROVEMENTS
DAVID CITY, NE

SURVEY CONTROL AND LAYOUT



PROJECT NO.	220784.00
DATE	11/14/2022
DRAWN BY	JDS
FILE NAME	S-220784-Ctrl.dwg
FIELD BOOK	David City #21
FIELD CREW	NP
SURVEY FILE NO.	SV-220784
PLAN IN HAND	DPB
DATE	8/10/22
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DATE	11/2/22
REVISIONS	



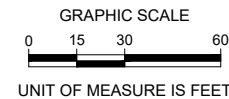
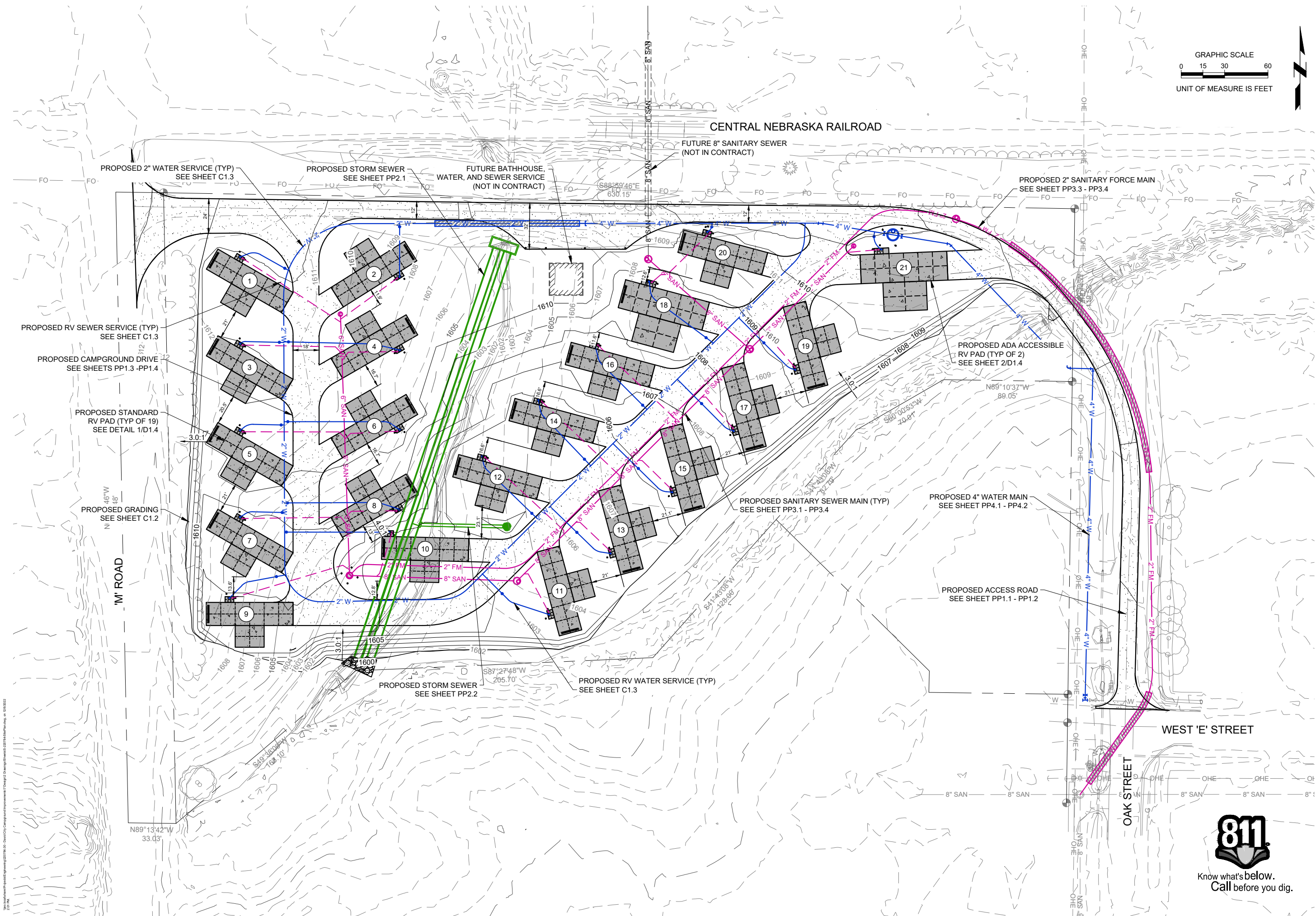
LEGEND

SYMBOL	DESCRIPTION
	BASELINE ALIGNMENT (DESIGN)
	BASELINE ALIGNMENT CURVE TAG LABEL
	BASELINE ALIGNMENT LINE TAG LABEL
	BASELINE ALIGNMENT PI POINT
	POINT OF CURVATURE OR TANGENCY

08-4" WATER MAIN ALIGNMENT				
NUMBER	LENGTH	LINE/CHORD DIR	START STATION, N, E	END STATION N, E
L25	162.86	N89°56'51"E	800+00.00, 85669.26, 74430.66	801+62.86, 85669.41, 74593.52
L26	90.20	S80°48'09"E	801+62.86, 85669.41, 74593.52	802+53.06, 85654.99, 74682.56
L27	118.71	S43°38'07"E	802+53.06, 85654.99, 74682.56	803+71.77, 85569.08, 74764.48
L28	17.26	S88°38'07"E	803+71.77, 85569.08, 74764.48	803+89.03, 85568.67, 74781.73
L29	229.31	S01°21'53"W	803+89.03, 85568.67, 74781.73	806+18.34, 85339.42, 74776.27

09-2" WATER LINE ALIGNMENT						
NUMBER	R	DELTA	LENGTH	LINE/CHORD DIR	START STATION, N, E	END STATION N, E
L30			158.59	S89°56'51"W	900+00.00, 85669.26, 74430.66	901+58.59, 85669.11, 74272.07
C10	50.00	090°10'55"	78.69	S44°51'23"W	901+58.59, 85669.11, 74272.07	902+37.28, 85618.91, 74222.13
L31			186.58	S00°14'05"E	902+37.28, 85618.91, 74222.13	904+23.86, 85432.34, 74222.89
C11	25.00	090°56'01"	39.68	S45°42'05"E	904+23.86, 85432.34, 74222.89	904+63.53, 85407.45, 74248.40
L32			83.87	N88°49'55"E	904+63.53, 85407.45, 74248.40	905+47.40, 85409.16, 74332.25
C12	25.00	043°50'38"	19.13	N66°54'35"E	905+47.40, 85409.16, 74332.25	905+66.53, 85416.48, 74349.42
L33			318.98	N44°59'16"E	905+66.53, 85416.48, 74349.42	908+85.51, 85642.08, 74574.93
C13	25.00	042°19'10"	18.47	N23°49'41"E	908+85.51, 85642.08, 74574.93	909+03.98, 85658.59, 74582.22
L34			10.82	N02°40'06"E	909+03.98, 85658.59, 74582.22	909+14.80, 85669.40, 74582.72

\\je-engineering\projects\220784-00 - David City Campground Improvements\1 Design\1 Overall Site Plan.dwg, 11/16/2022, 2:20 PM



2022
CAMPGROUND IMPROVEMENTS
DAVID CITY, NE

OVERALL SITE PLAN



PROJECT NO.	220784.00
DATE	11/14/2022
DRAWN BY	JDS
FILE NAME	S-220784-SitePlan.dwg
FIELD BOOK	David City #21
FIELD CREW	NP
SURVEY FILE NO.	SV-220784
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REVISIONS	



Know what's below.
Call before you dig.

GRAPHIC SCALE

0 15 30 60

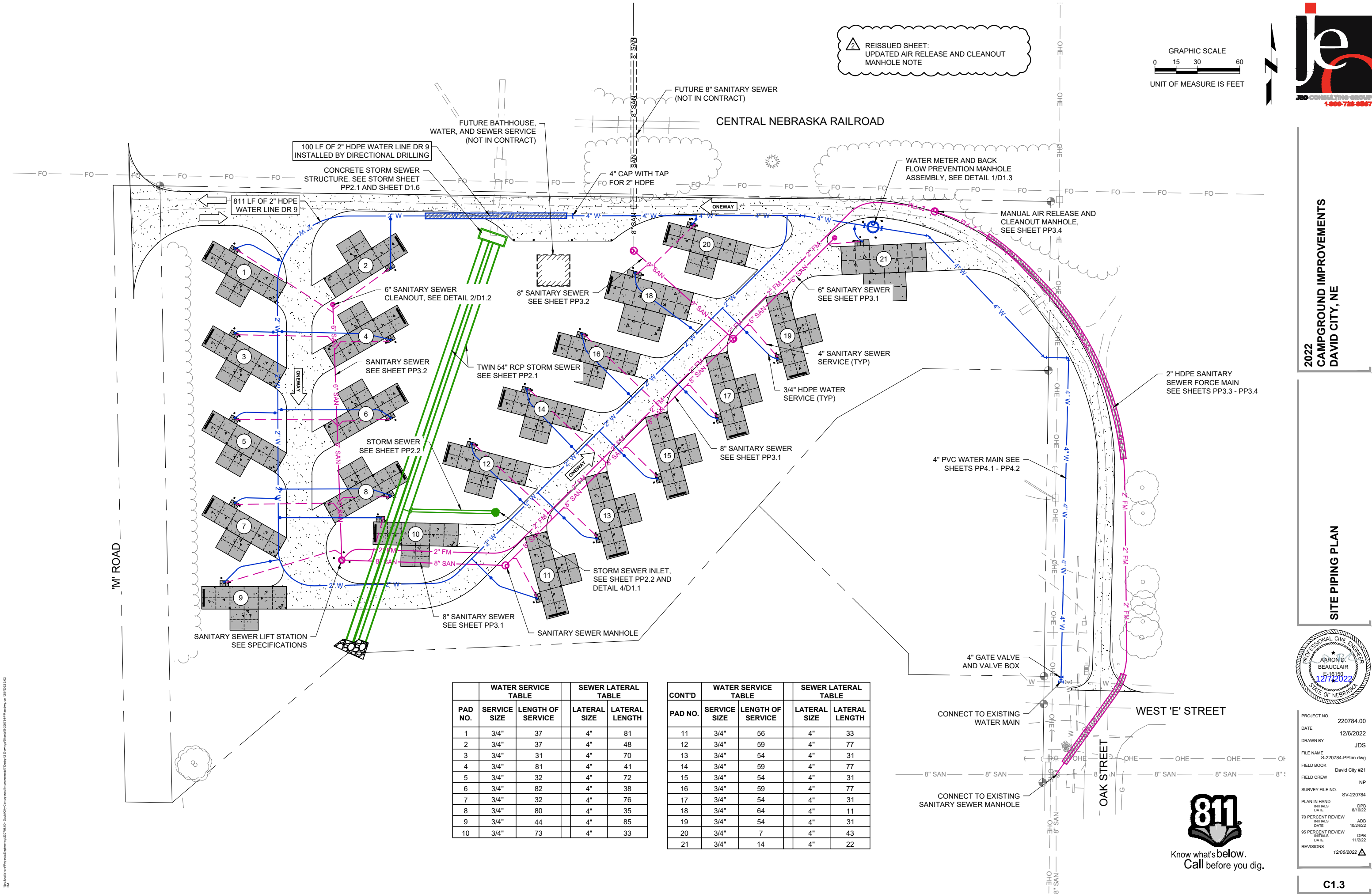
UNIT OF MEASURE IS FEET

EARTH WORK		
CUT	FILL	NET
1415 CY	7730 CY	6315 CY FILL

NO COMPACTION FACTOR HAS BEEN APPLIED
TO EARTH WORK QUANTITIES. EARTHWORK
IS AN ESTABLISHED QUANTITY AND WILL NOT
BE FIELD MEASURED.



Know what's below.
Call before you dig.



\\jsk\hwy\p\proj\220784-00 - David City Campground Improvements\1 Design\1 Design Sheets\220784-PPlan.dwg, on 12/06/2022 2:02 PM

WATER SERVICE TABLE			SEWER LATERAL TABLE	
PAD NO.	SERVICE SIZE	LENGTH OF SERVICE	LATERAL SIZE	LATERAL LENGTH
1	3/4"	37	4"	81
2	3/4"	37	4"	48
3	3/4"	31	4"	70
4	3/4"	81	4"	41
5	3/4"	32	4"	72
6	3/4"	82	4"	38
7	3/4"	32	4"	76
8	3/4"	80	4"	35
9	3/4"	44	4"	85
10	3/4"	73	4"	33

CONT'D	WATER SERVICE TABLE		SEWER LATERAL TABLE	
PAD NO.	SERVICE SIZE	LENGTH OF SERVICE	LATERAL SIZE	LATERAL LENGTH
11	3/4"	56	4"	33
12	3/4"	59	4"	77
13	3/4"	54	4"	31
14	3/4"	59	4"	77
15	3/4"	54	4"	31
16	3/4"	59	4"	77
17	3/4"	54	4"	31
18	3/4"	64	4"	11
19	3/4"	54	4"	31
20	3/4"	7	4"	43
21	3/4"	14	4"	22



2022
CAMPGROUND IMPROVEMENTS
DAVID CITY, NE

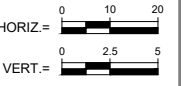
SITE PIPING PLAN

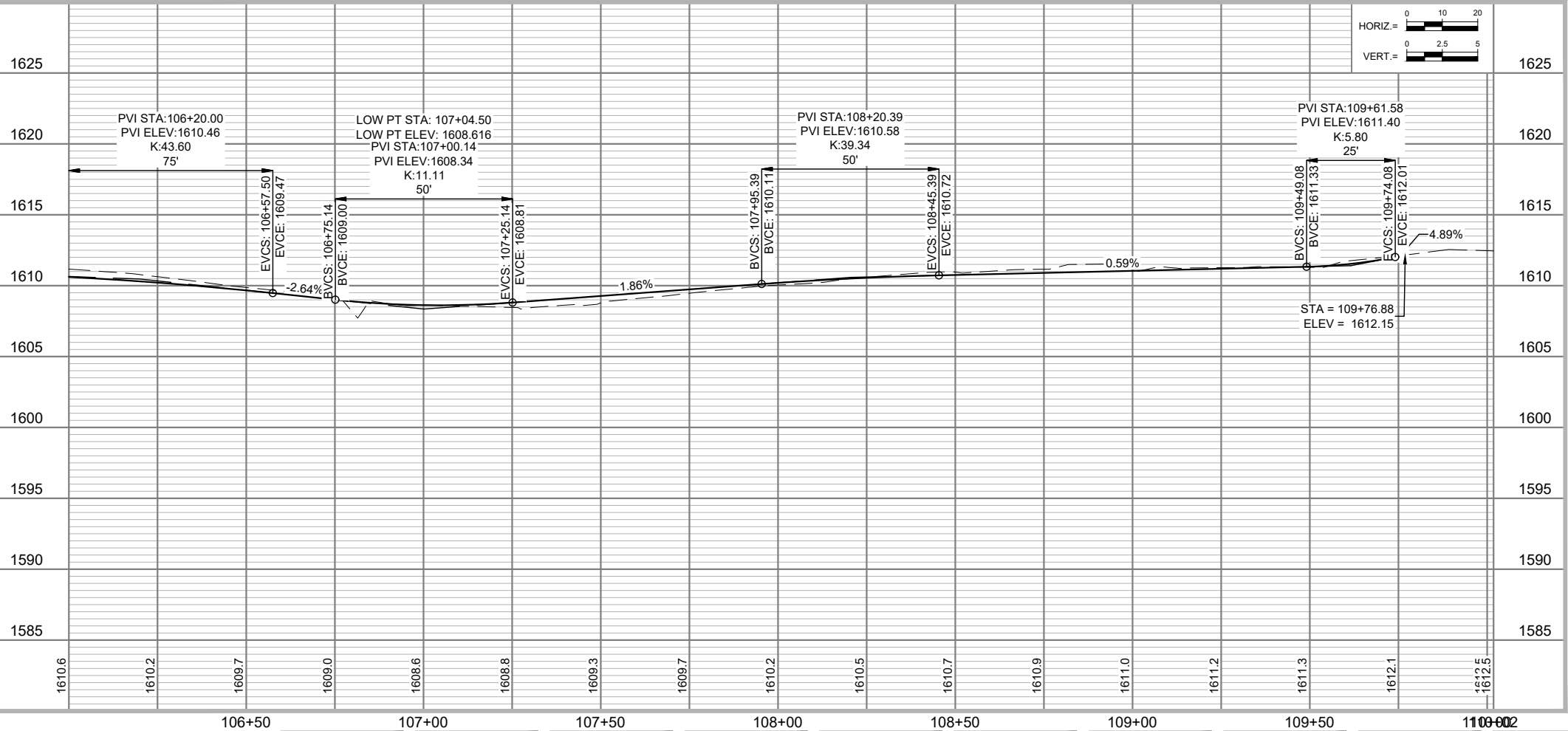
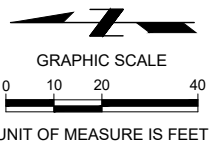
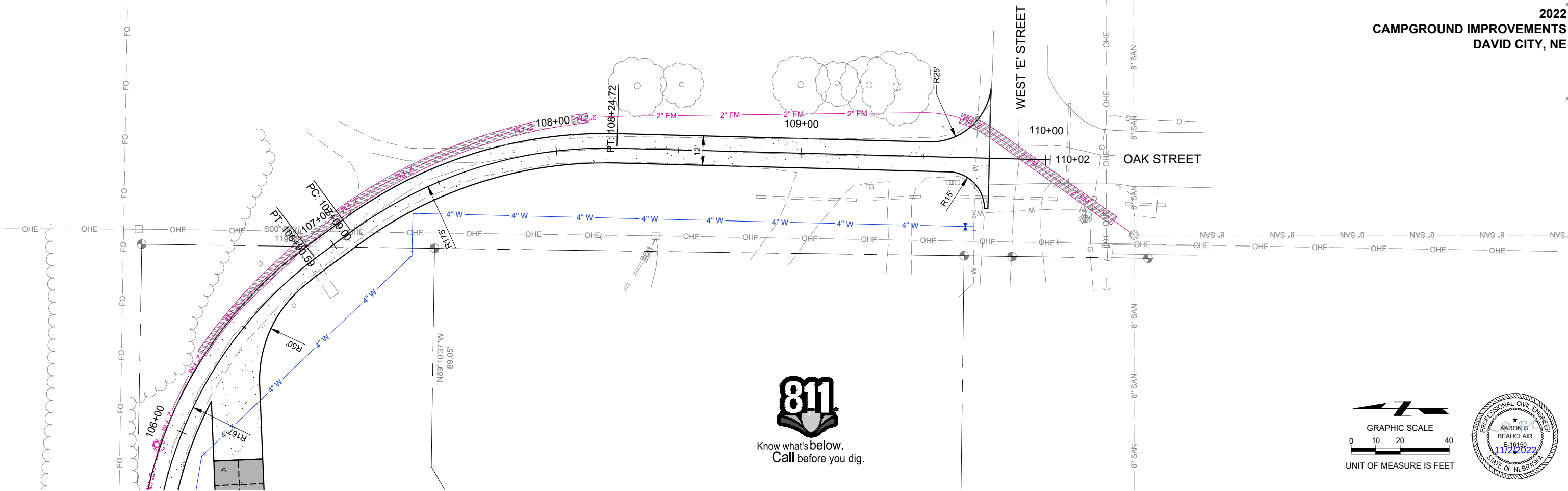


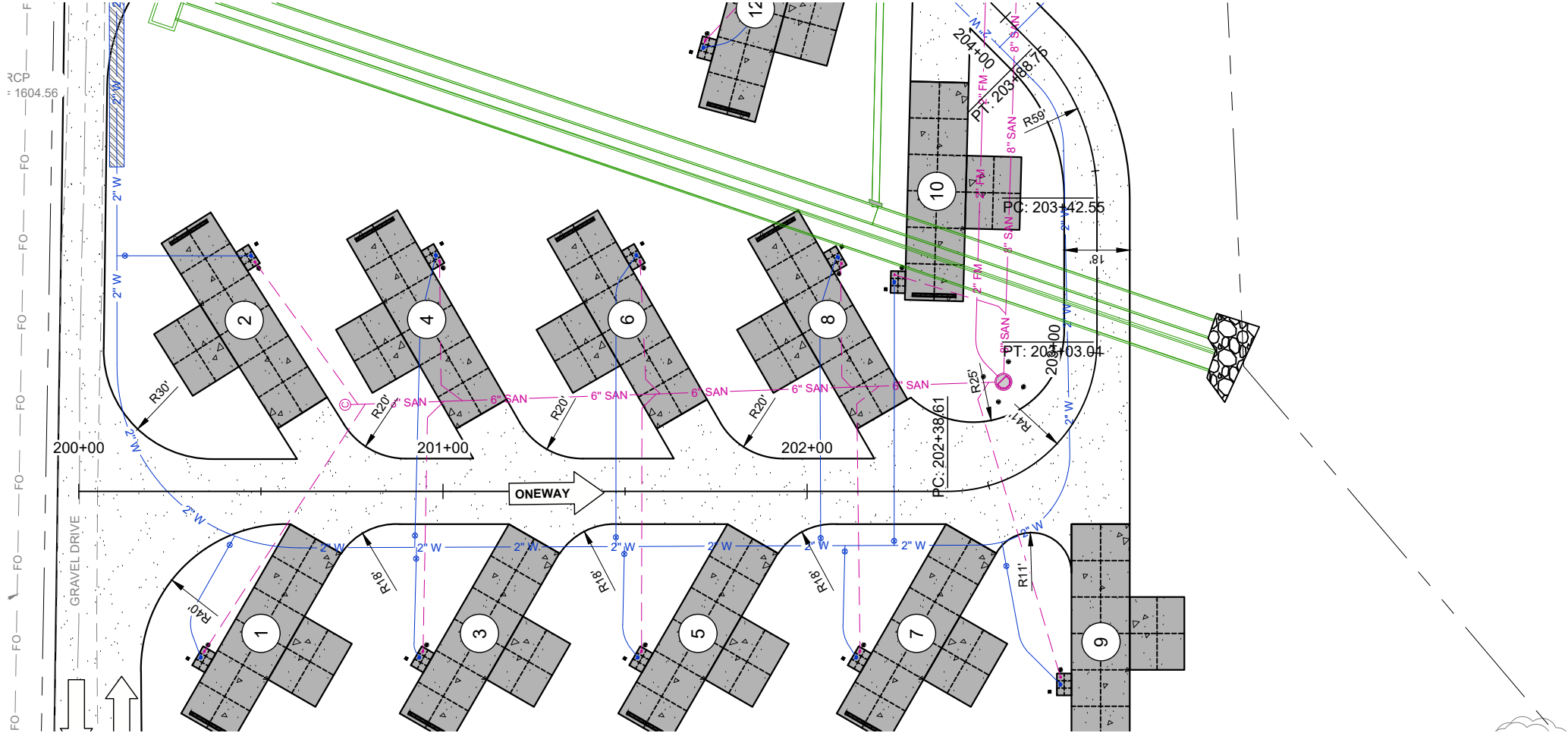
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FILE NAME S-220784-PPlan.dwg
FIELD BOOK David City #21
FIELD CREW NP
SURVEY FILE NO. SV-220784
PLAN IN HAND SV-220784
INITIALS DATE 8/10/22
70 PERCENT REVIEW ADB 10/24/22
DATE 10/24/22
95 PERCENT REVIEW DPB 11/2/22
DATE 11/2/22
REVISIONS 12/06/2022 Δ



Know what's below.
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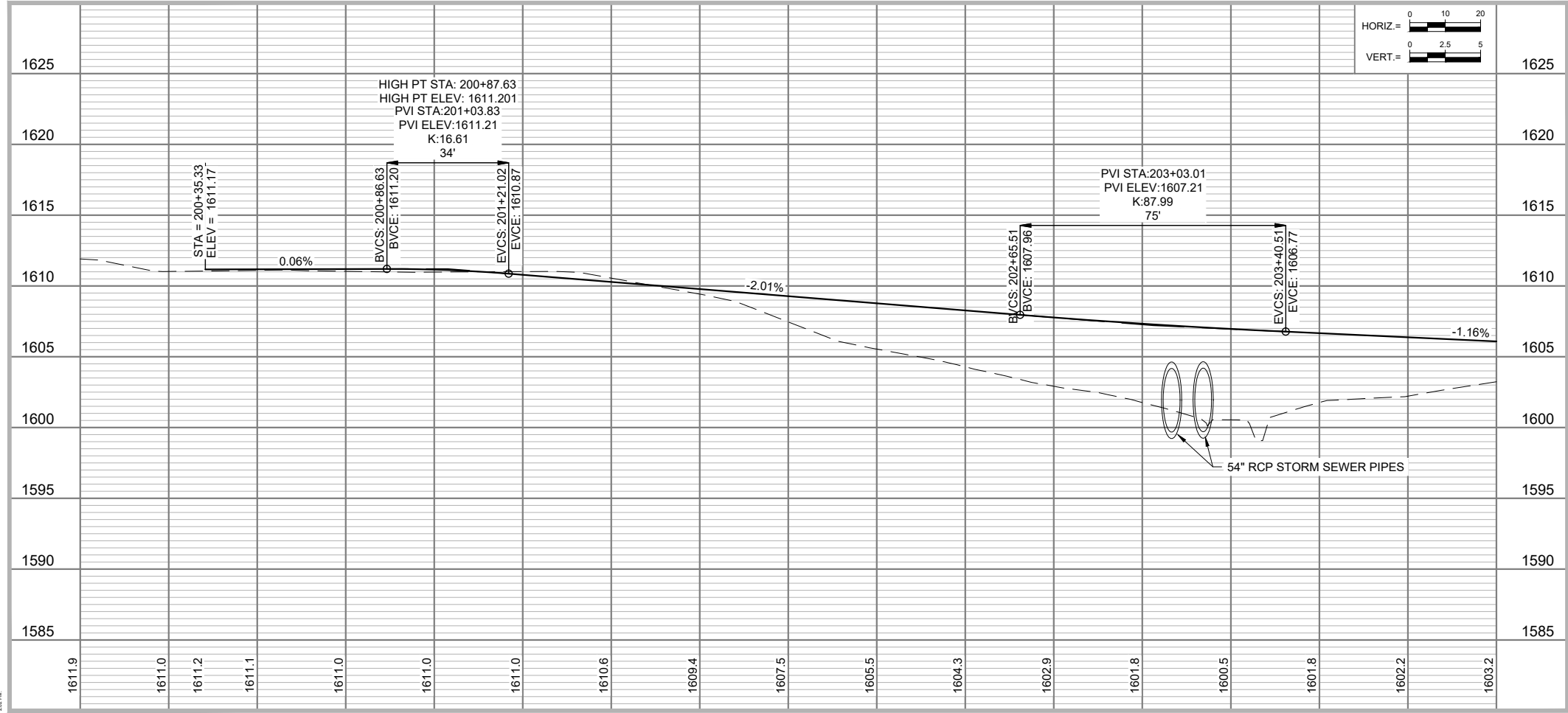


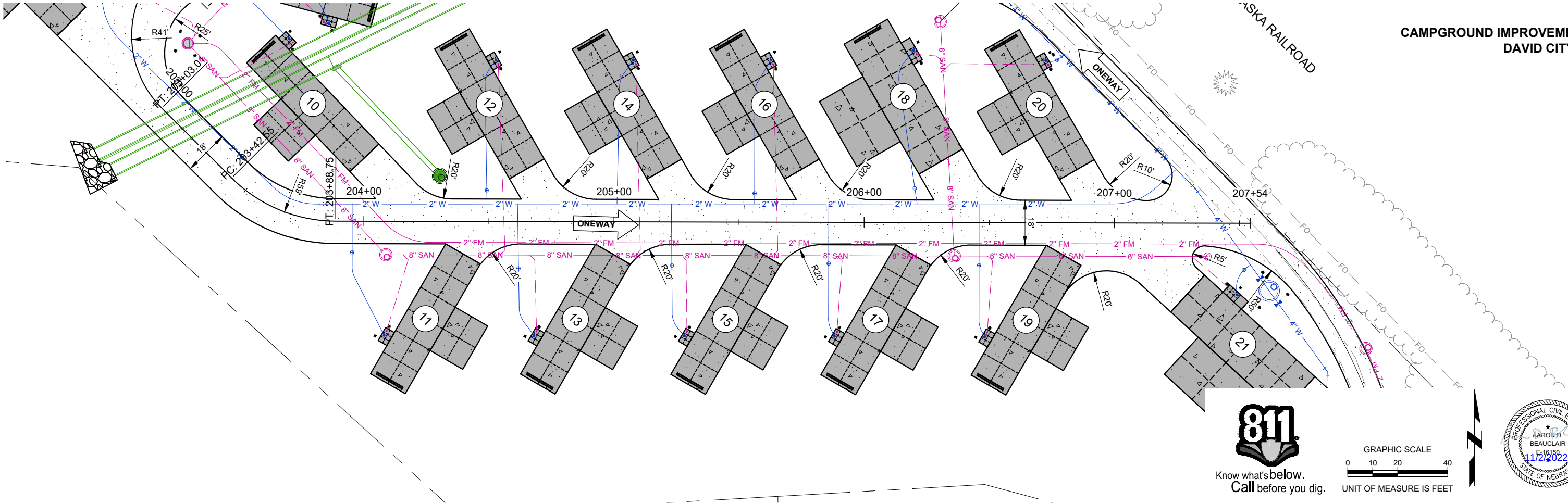


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Call before you dig.

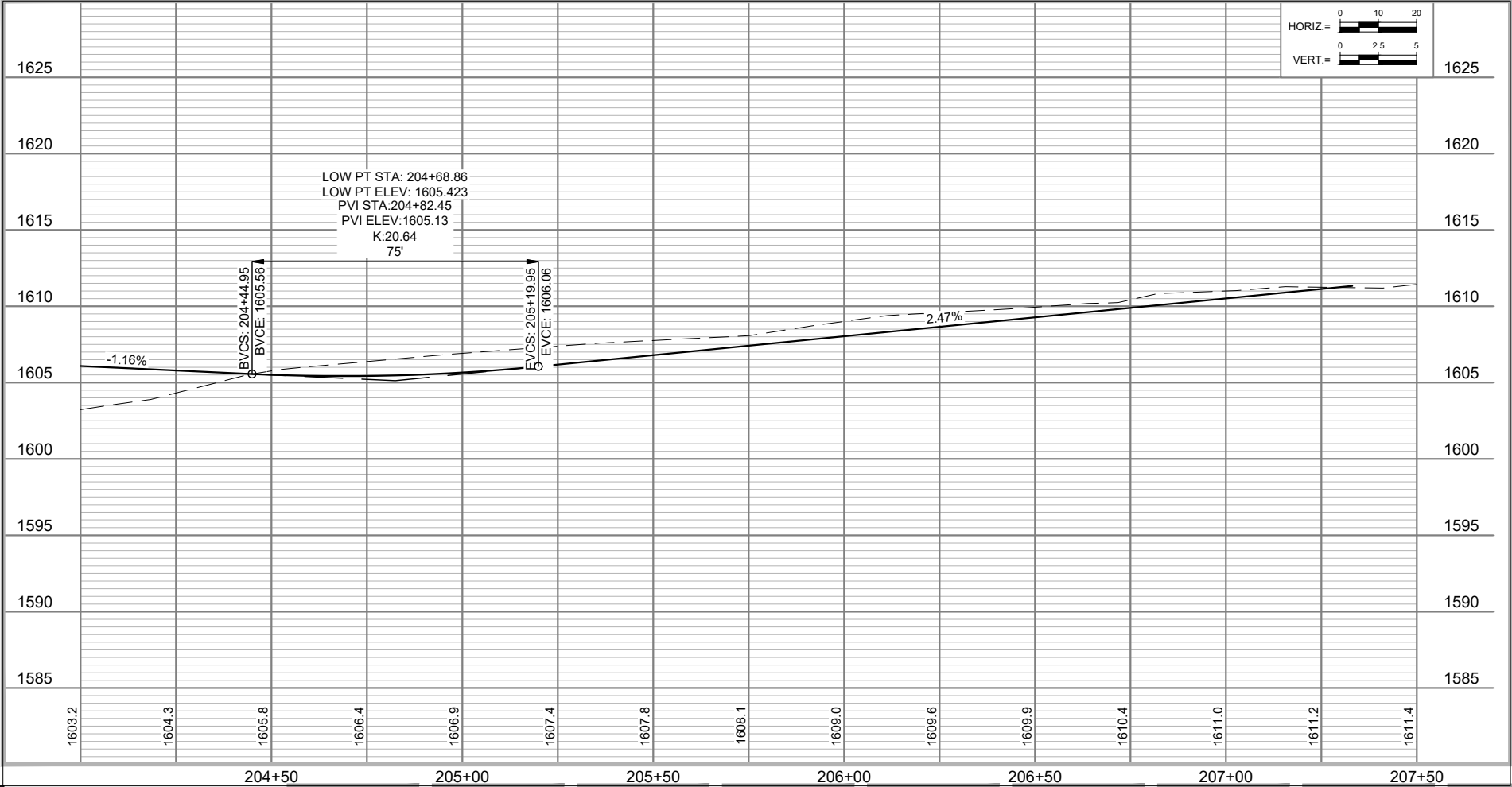
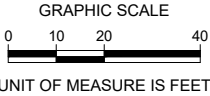


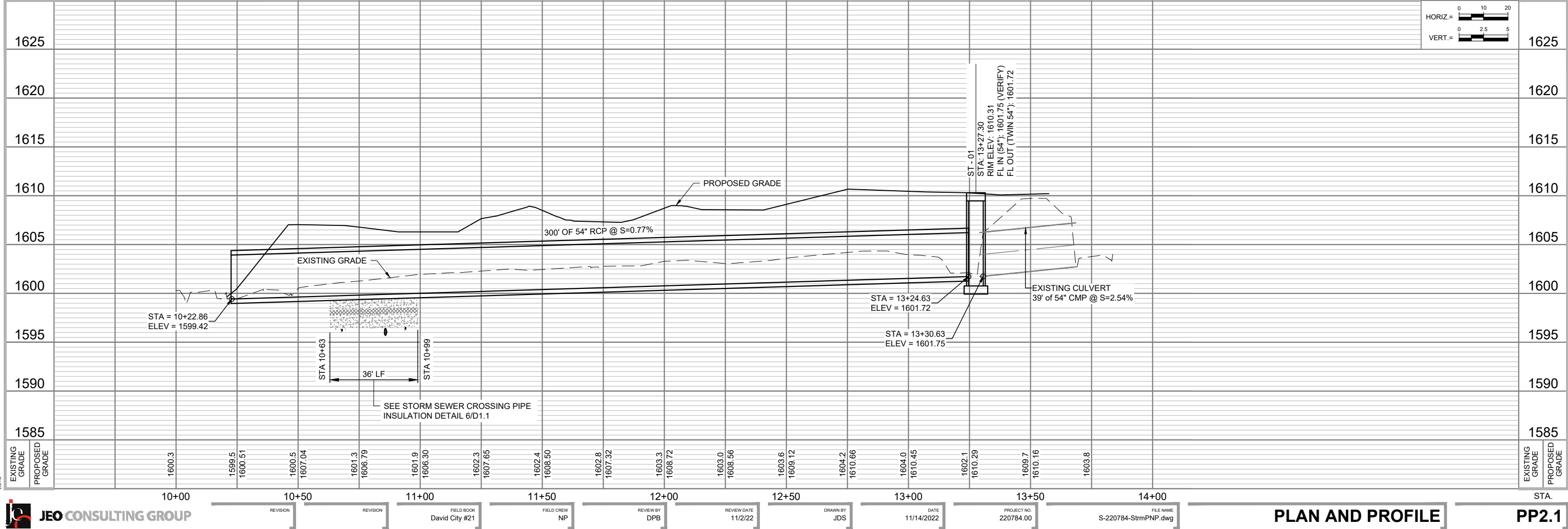
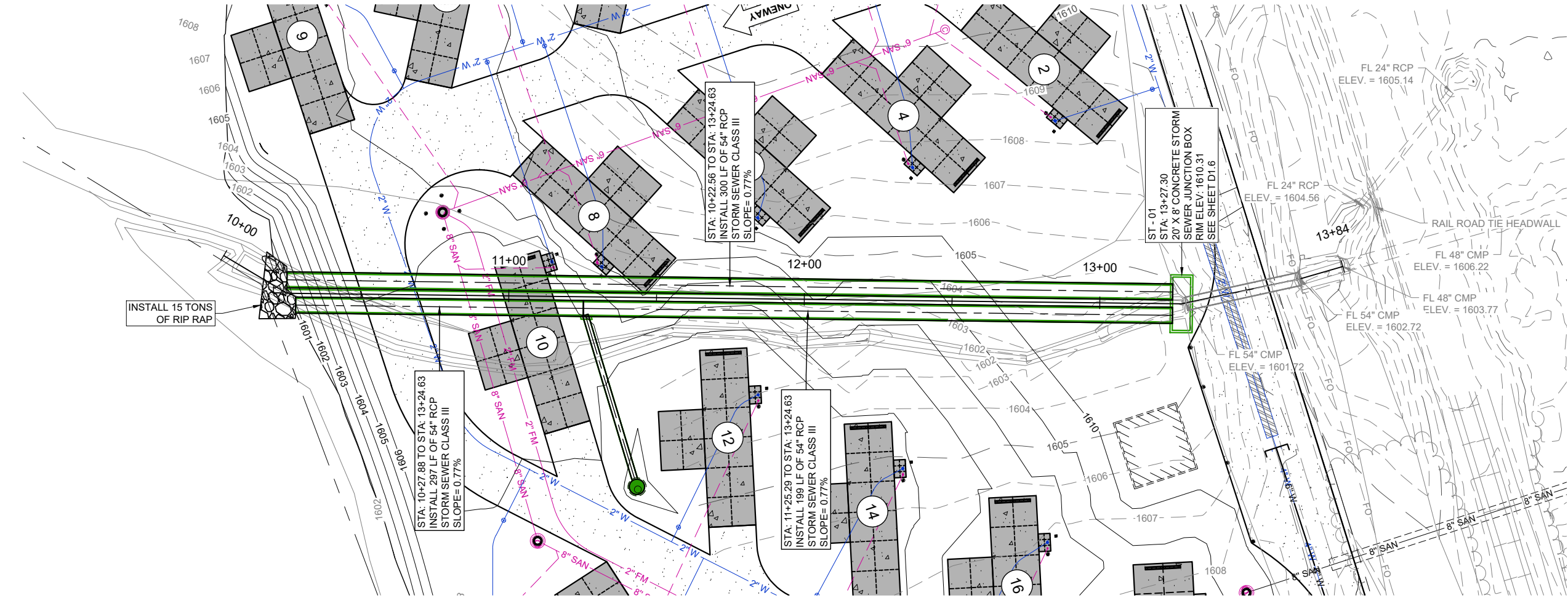
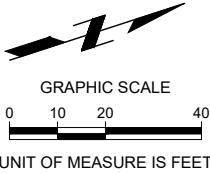
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UNIT OF MEASURE IS FEET

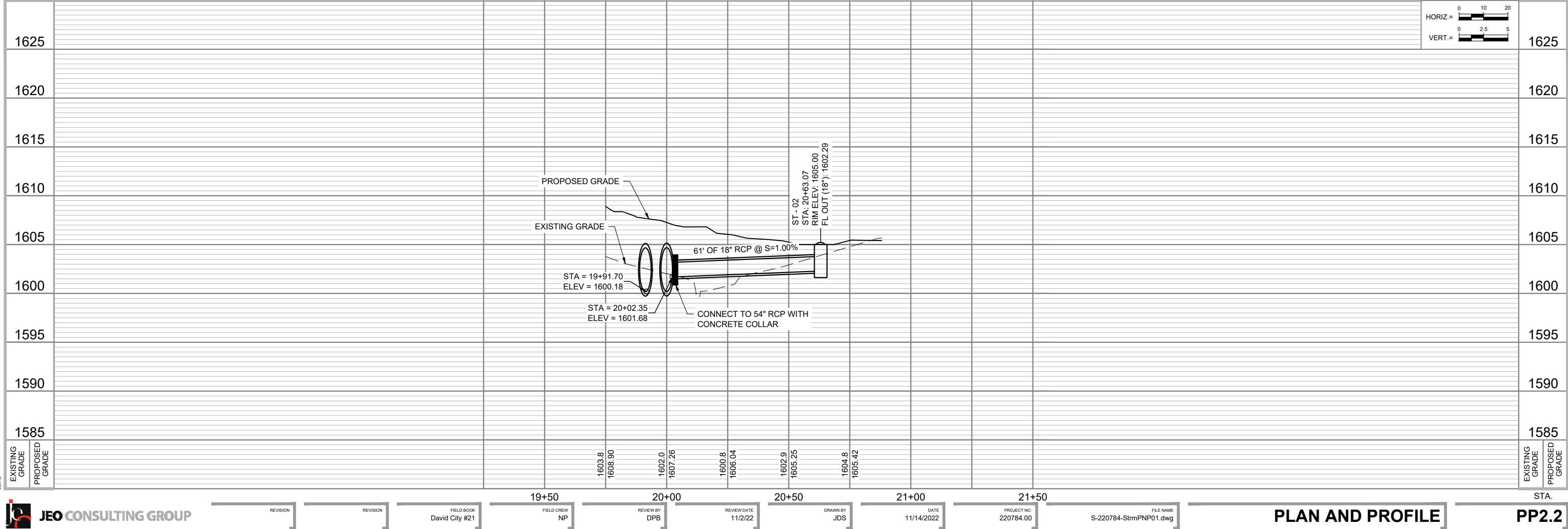
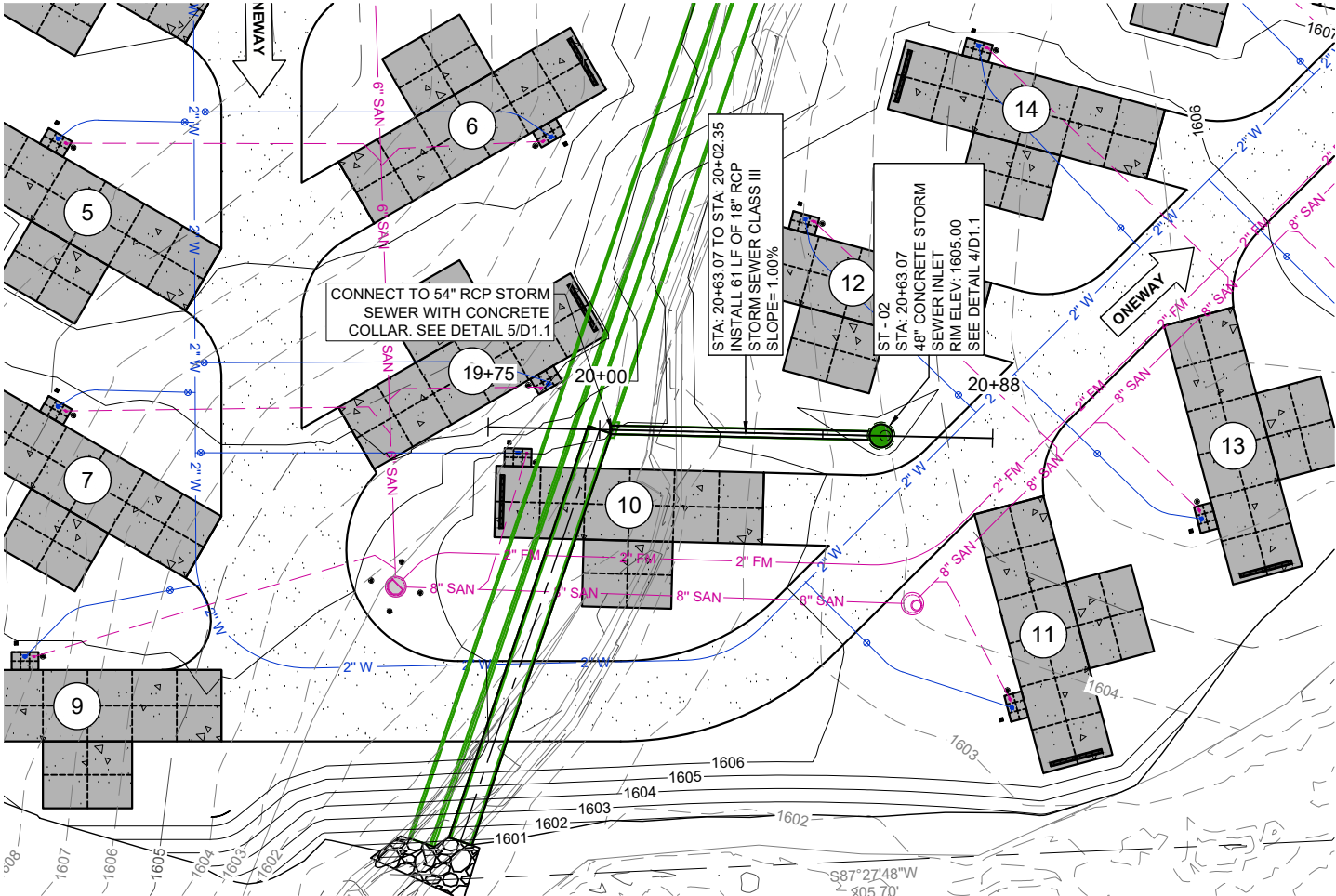
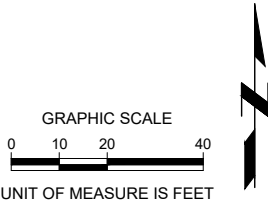




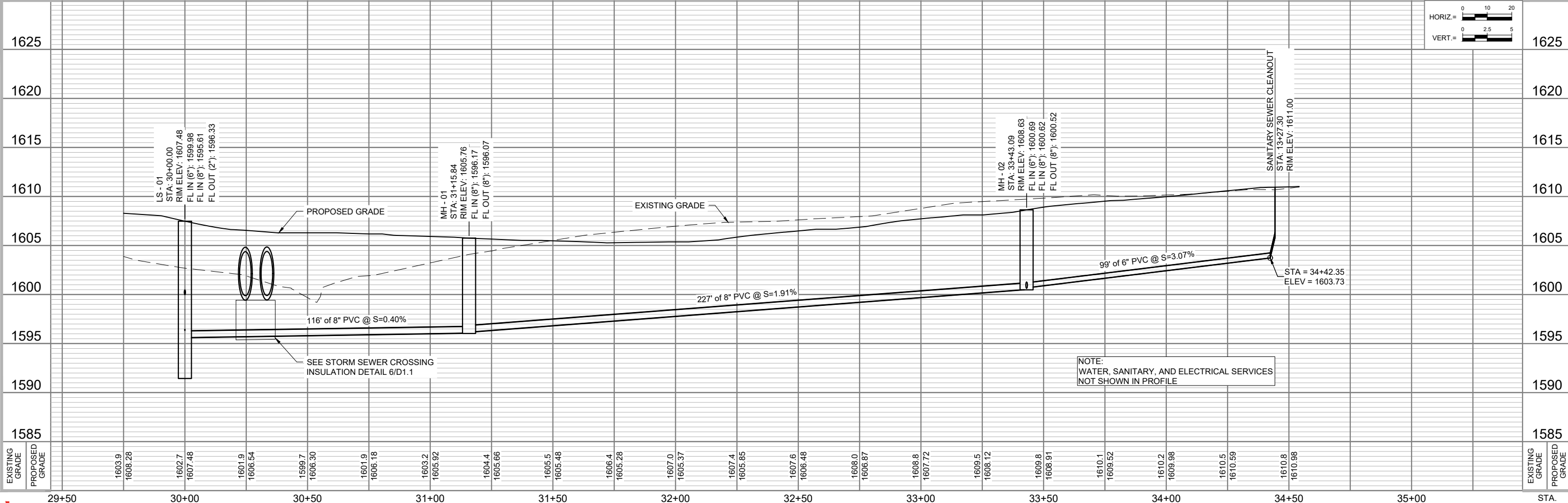
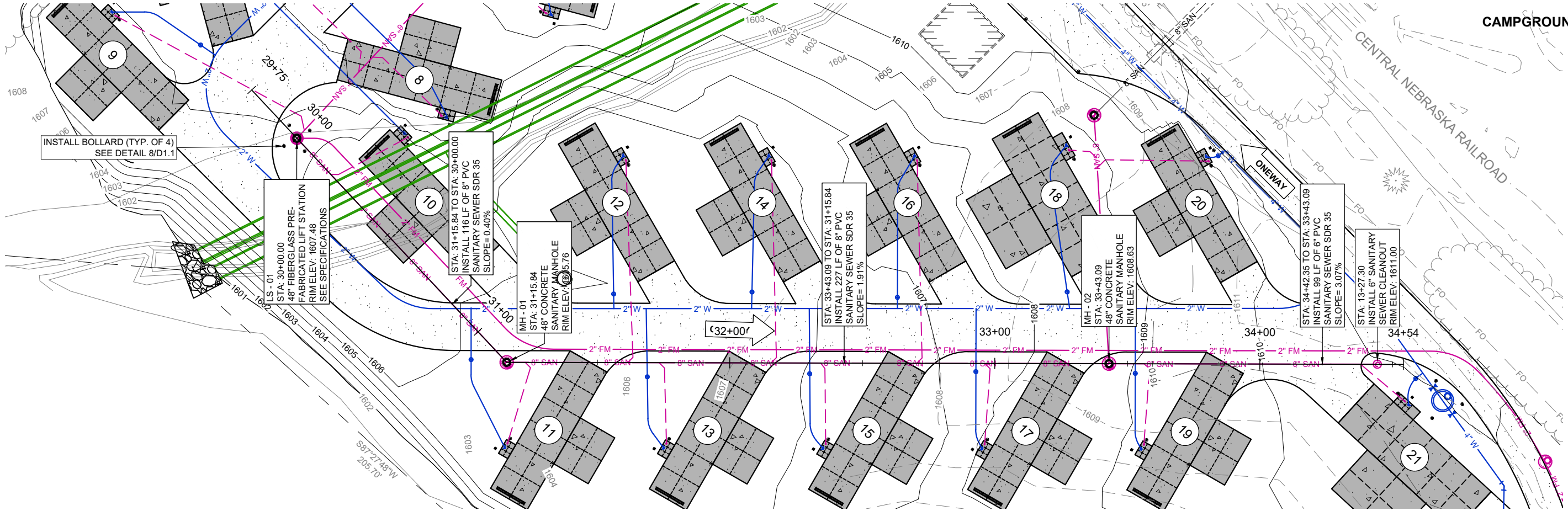
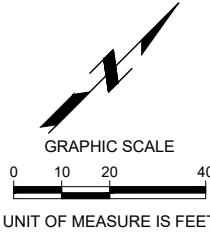
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Call before you dig.

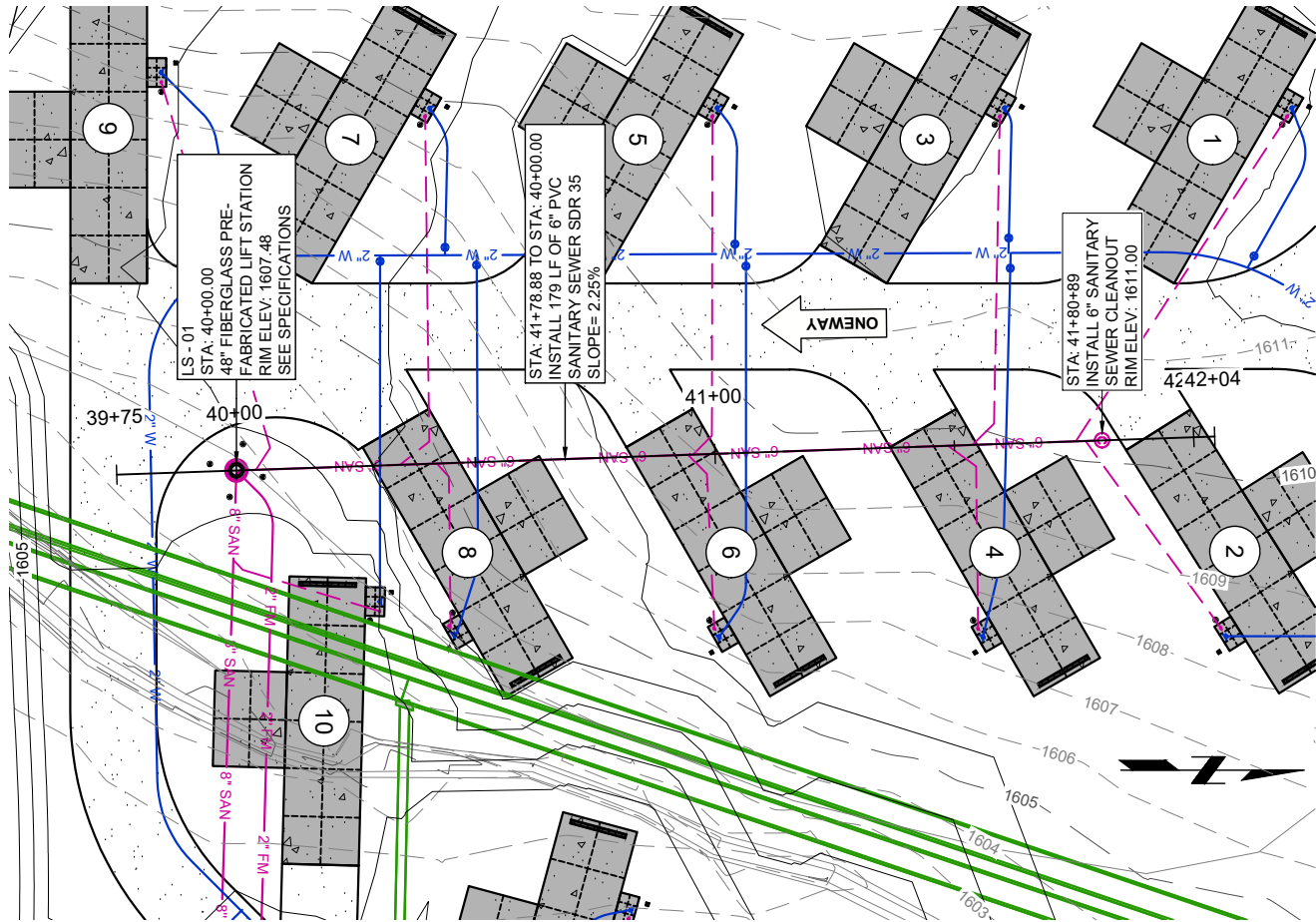




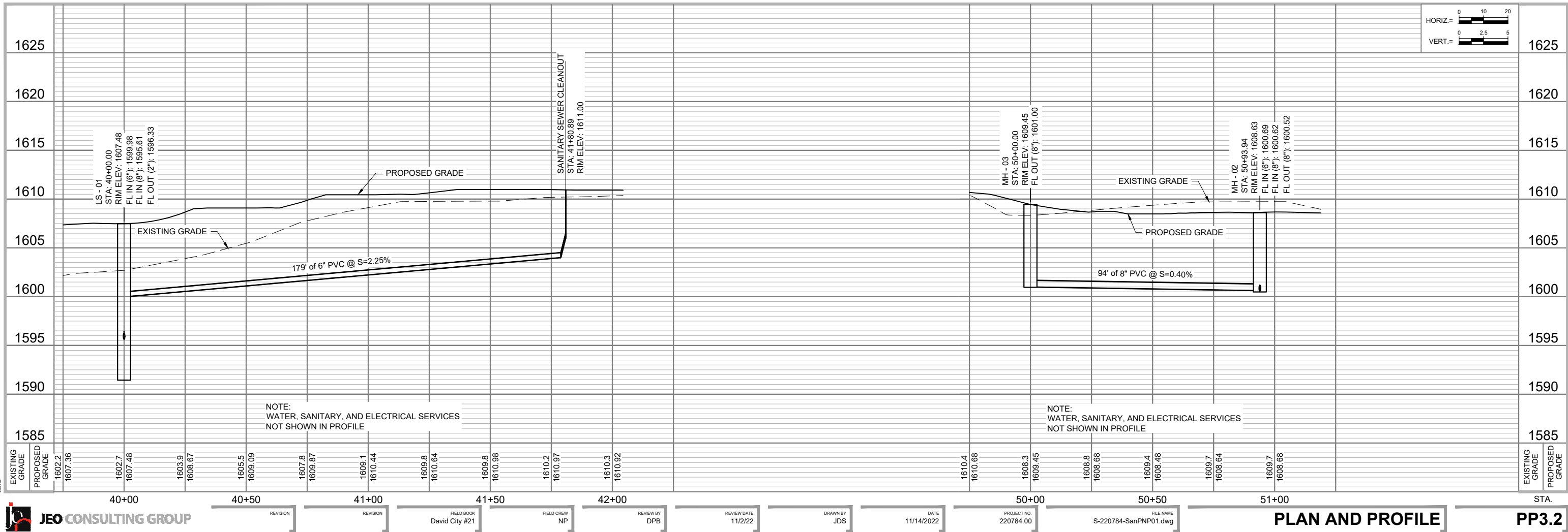
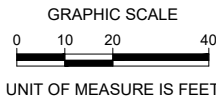
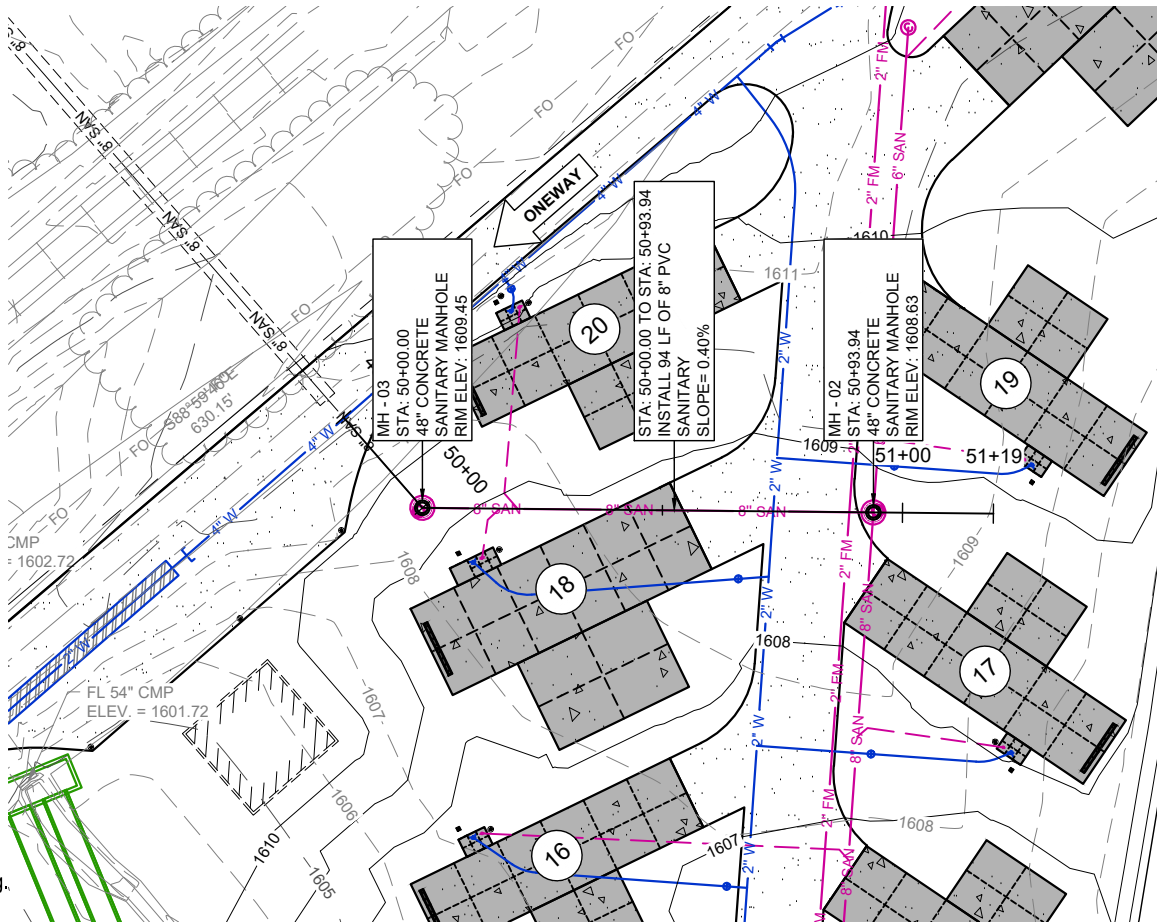


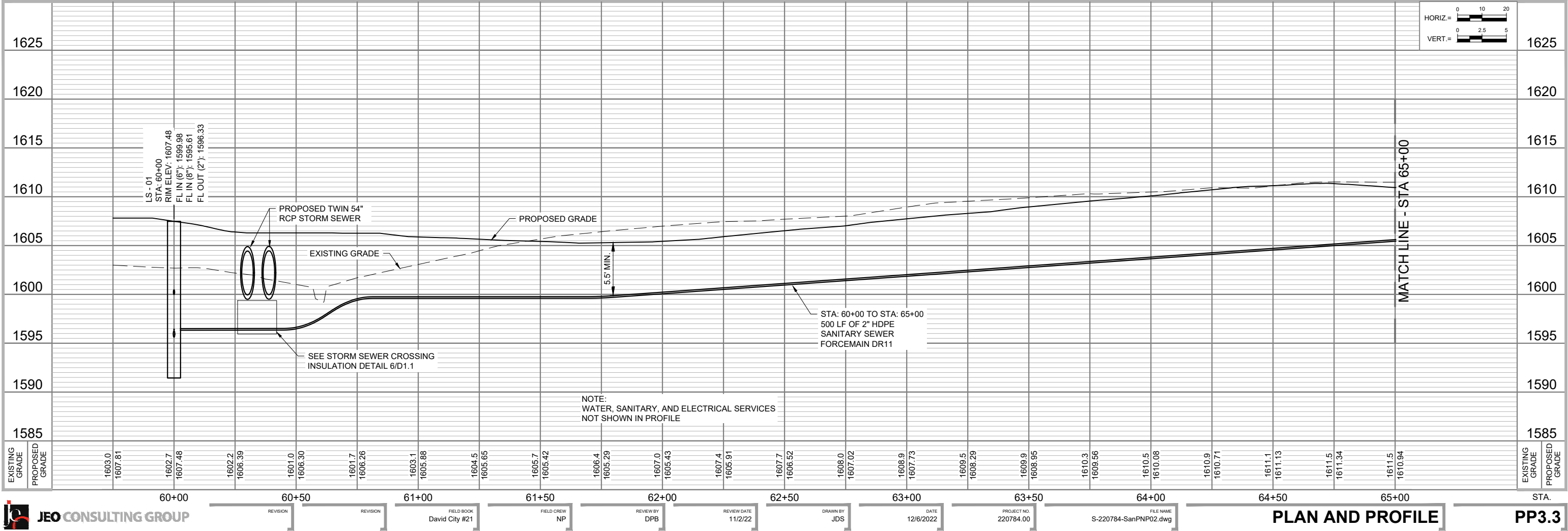
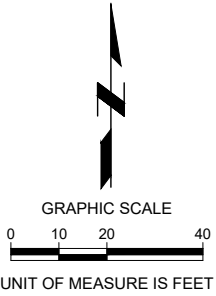
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Know what's below.
Call before you dig.

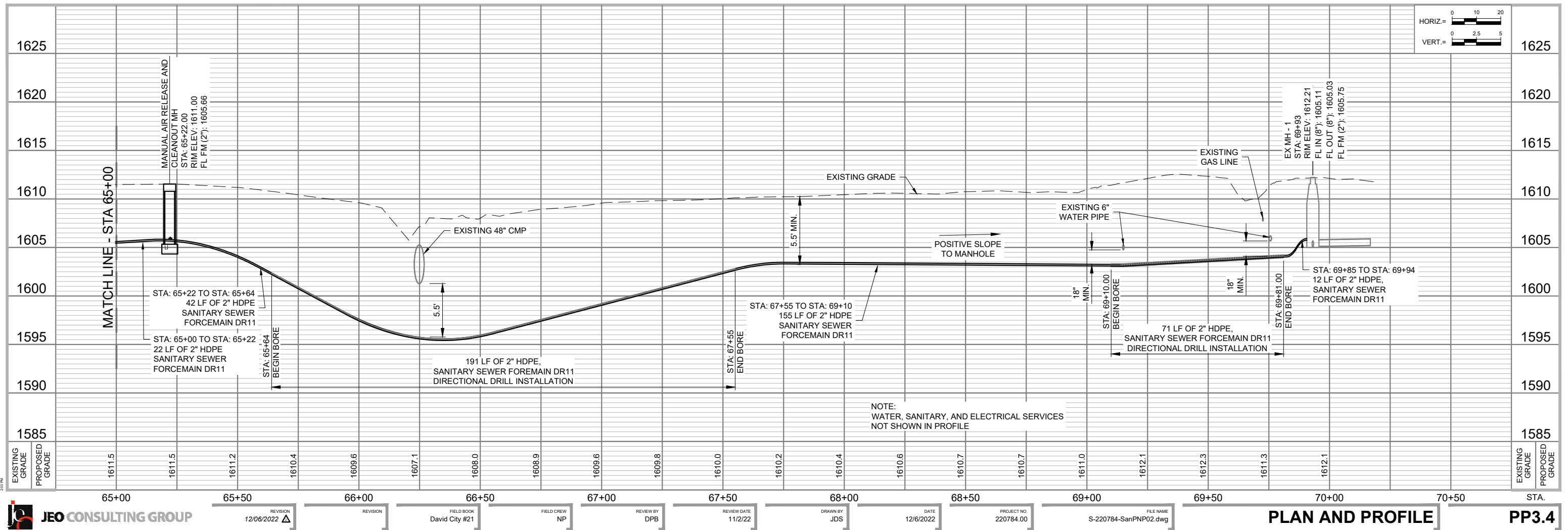


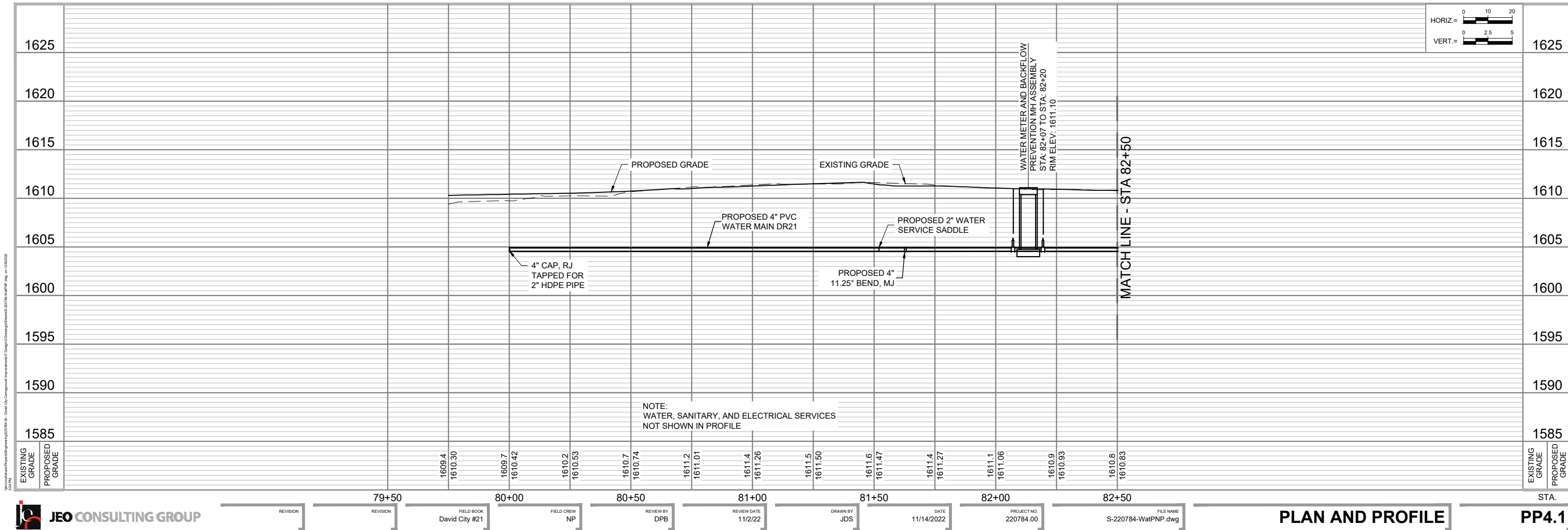
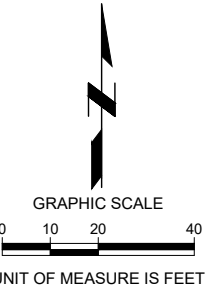
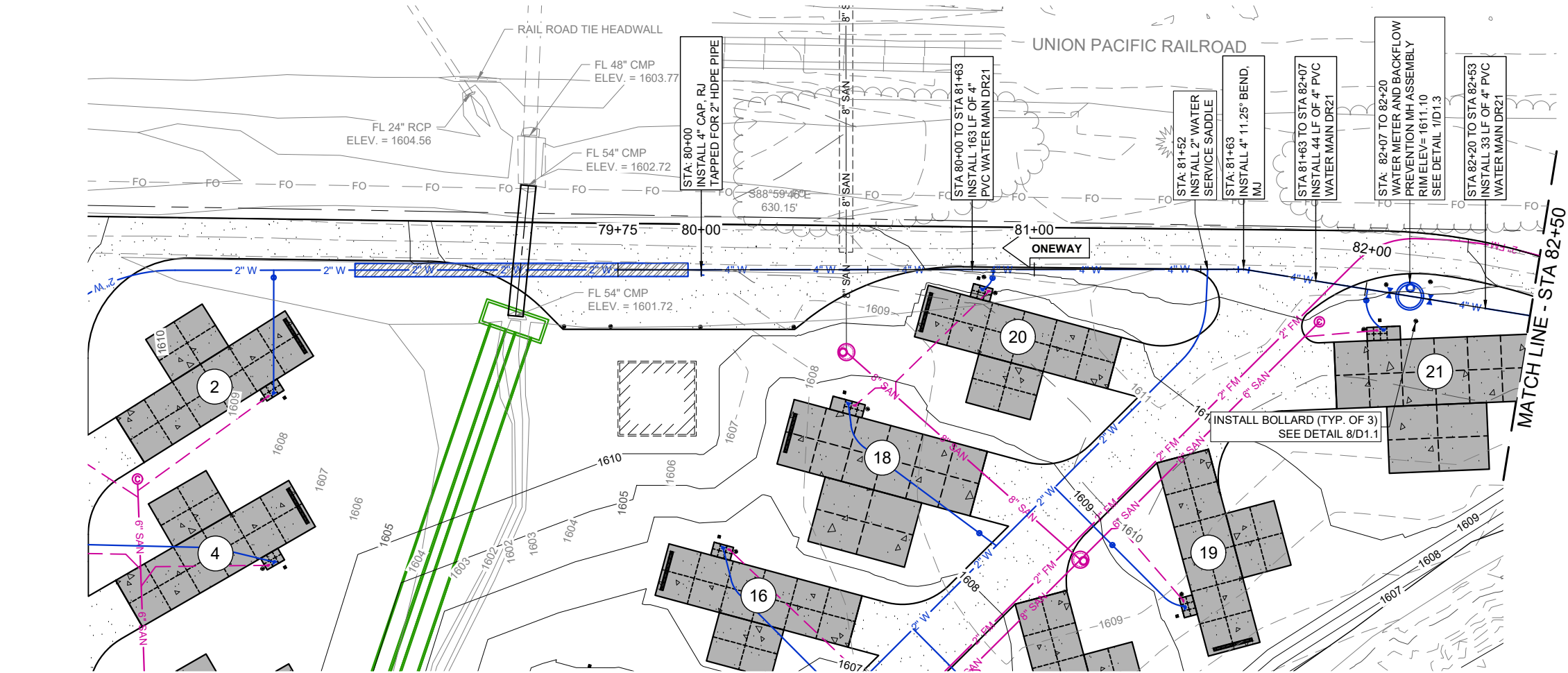


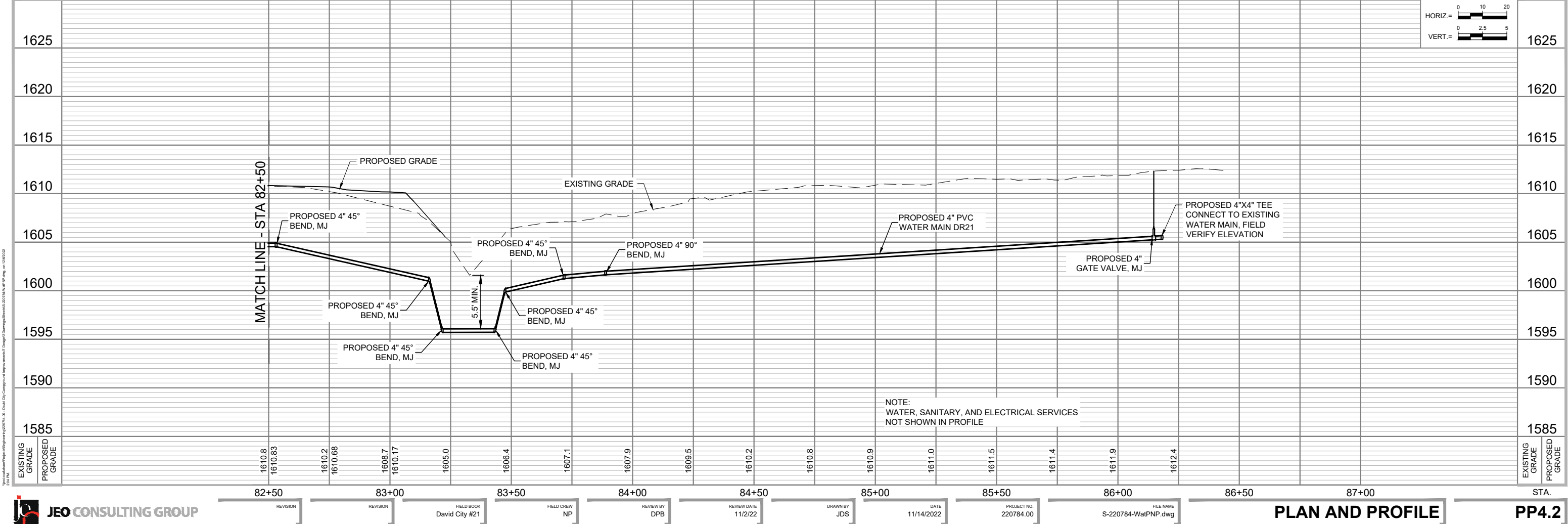
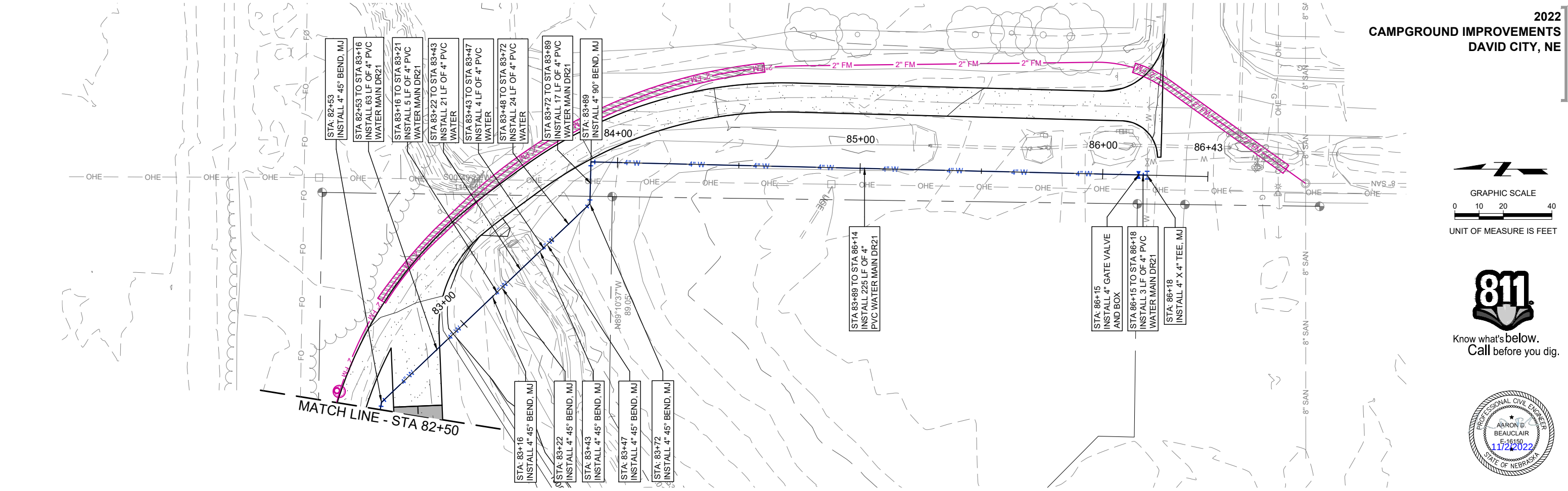
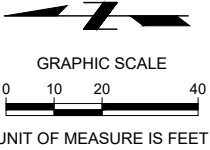
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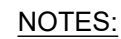


UNIT OF MEASURE IS FEET









1. INSULATION REQUIRED WITHIN SANITARY SEWER TRENCH WIDTH EXTENTS.
2. AGGREGATE BEDDING ABOVE SPRING LINE SHALL BE FROM STA. 10+63 TO STA. 10+99

6 **STORM SEWER CROSSING PIPE INSULATION**
SCALE: N.T.S.



7 ROUND RCP STORM PIPE BEDDING
SCALE: N.T.S.

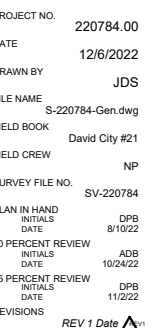


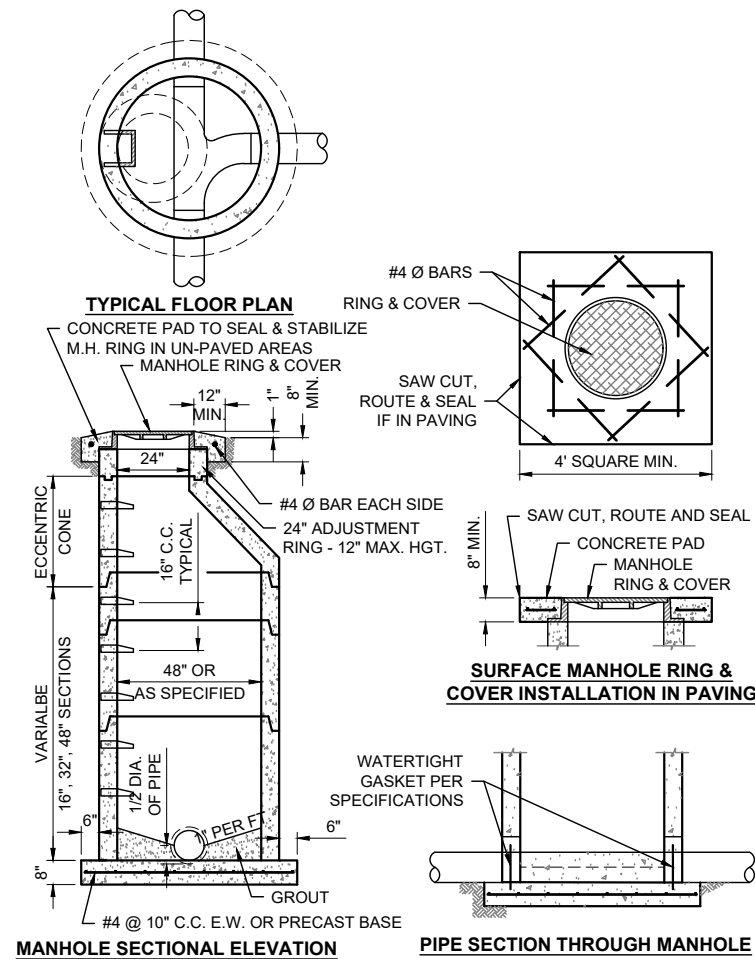
DIMENSIONS MARKED THUS, *, ARE 6" ON PIPES UP TO 24" DIA. INCLUSIVE AND 8" ON PIPES 30" DIA. AND OVER

5 PIPE TAP CONCRETE COLLAR
SCALE: N.T.S.

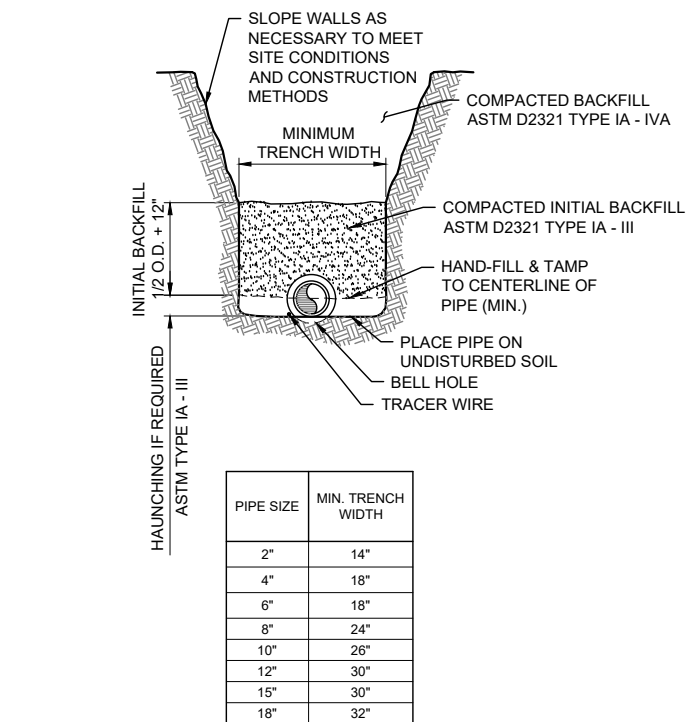


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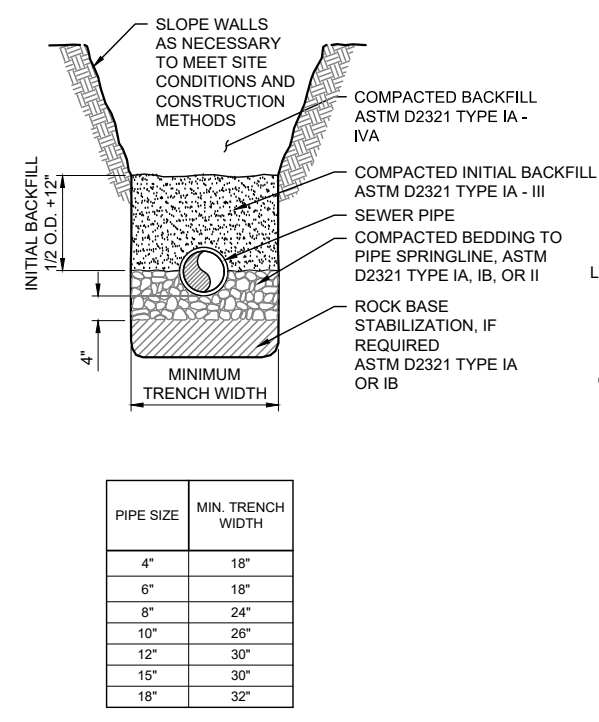




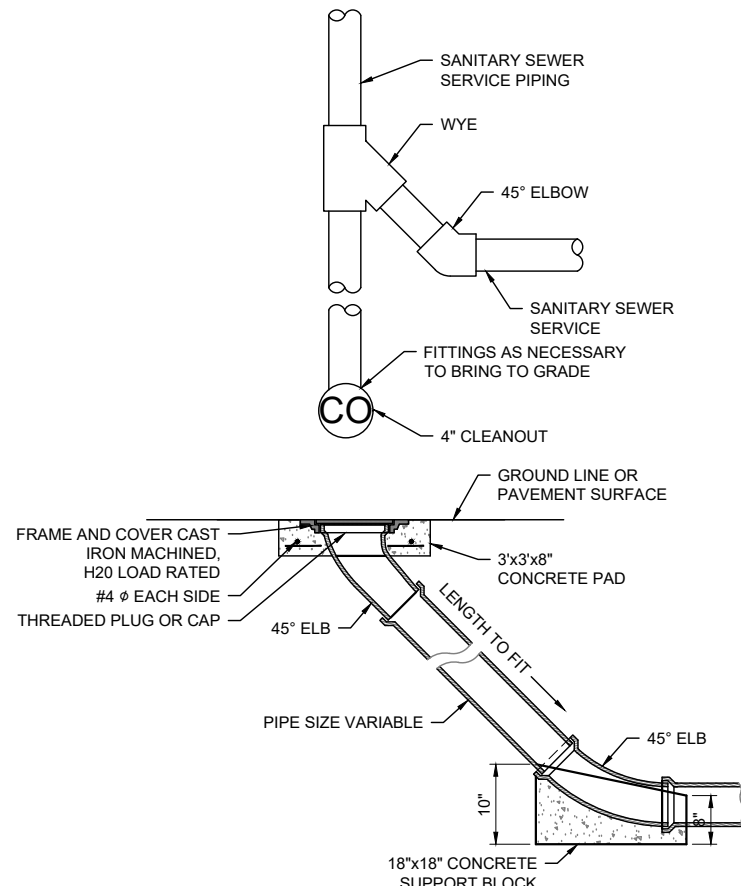
SANITARY SEWER MANHOLE
SCALE: N.T.S.



4 SANITARY FORCE MAIN TRENCH
SCALE: N.T.S.

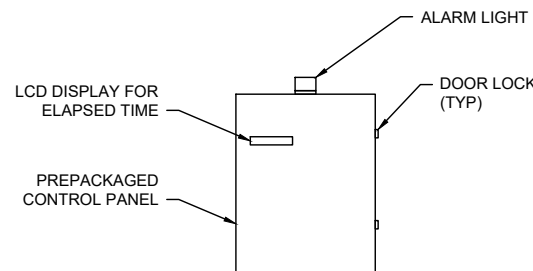


5 SANITARY SEWER TRENCH
SCALE: N.T.S.



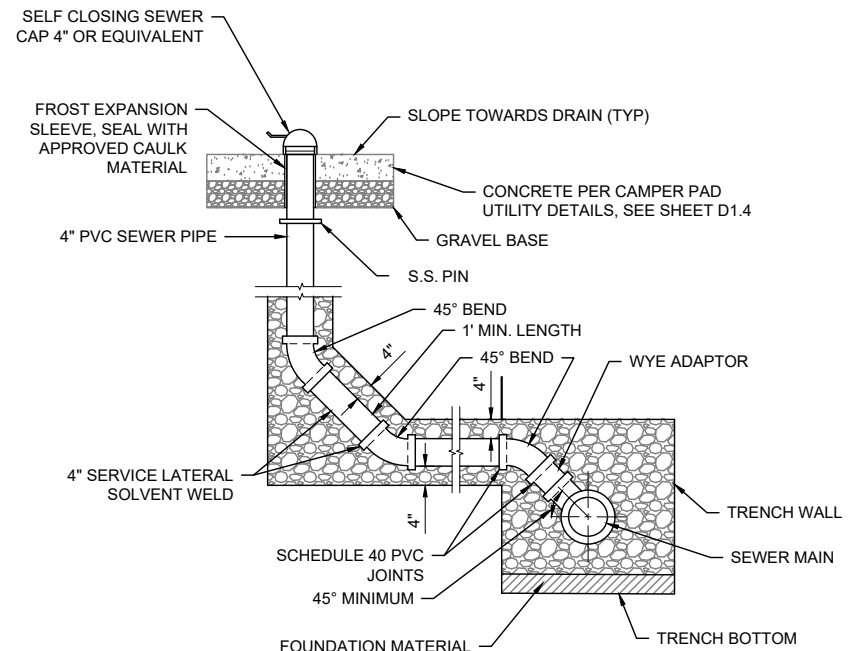
2 CLEANOUT
SCALE: N.T.S.

REISSUED SHEET:
ADDED PREPACKAGED CONTROL PANEL AND
PRE-FABRICATED LIFT STATION DETAILS

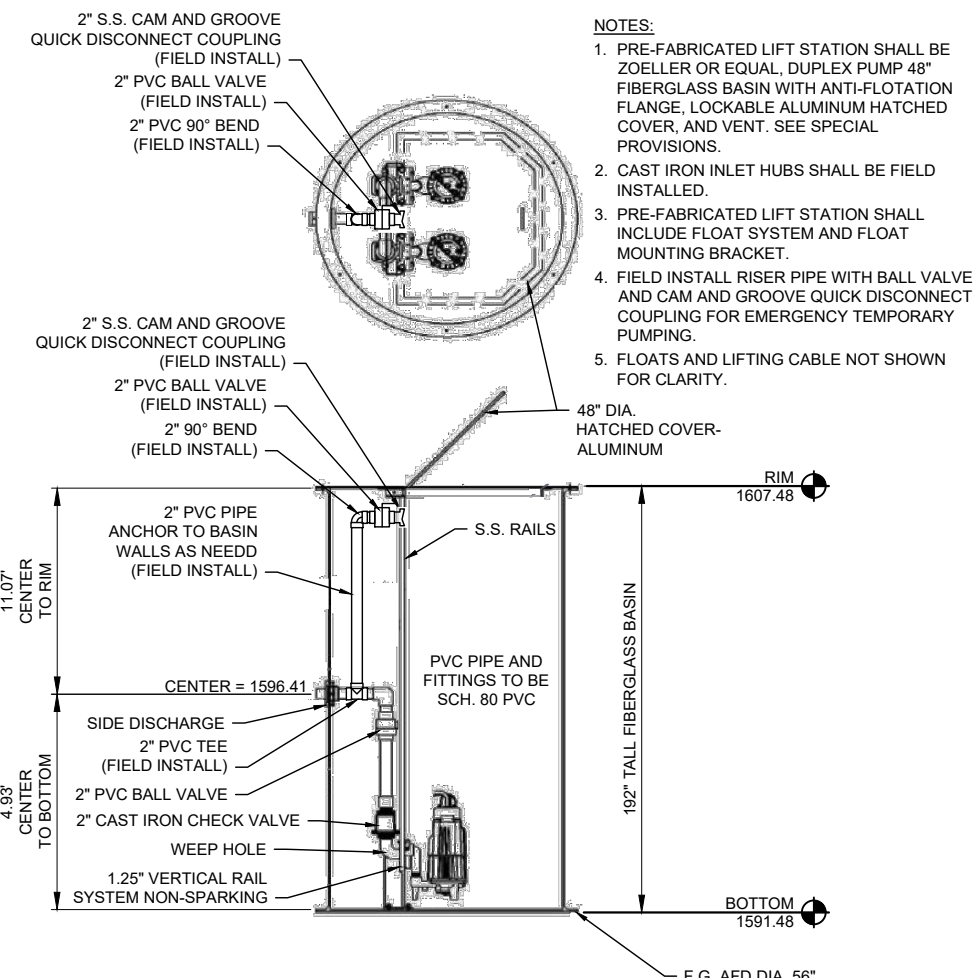


- NOTES:**
- PREPACKAGED CONTROL PANEL SHALL BE ZOELLER PIVOT-PRO OR EQUAL AND INCLUDE LIGHT ALARM, BUZZER ALARM, LCD DISPLAY FOR ELAPSED TIME, AND LOCKABLE DOOR
 - INSTALL CONTROL PANEL ON MOUNTING STRUCTURE, MINIMUM 5' AWAY FROM LIFT STATION BASIN
 - SEE ELECTRICAL SHEETS FOR MOUNTING STRUCTURE DETAIL AND WIRING.

6 PREPACKAGED CONTROL PANEL
SCALE: N.T.S.



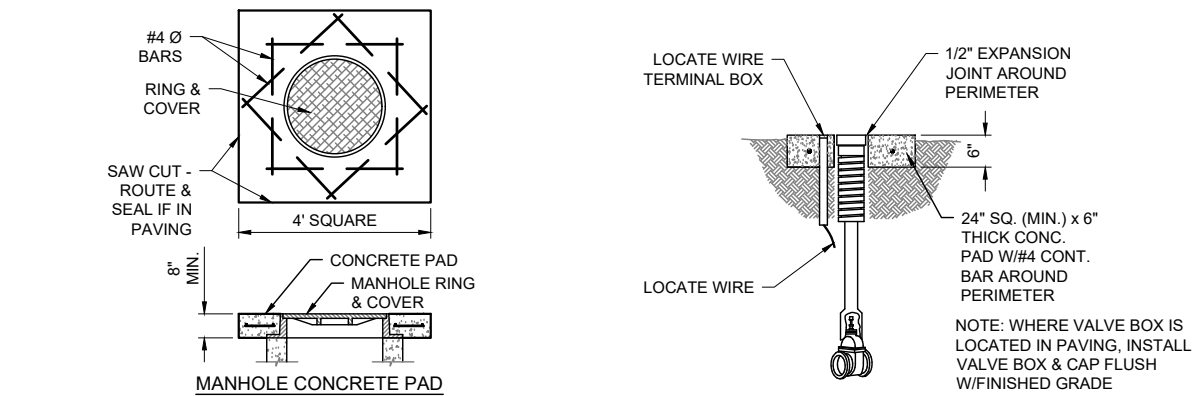
3 RECREATIONAL VEHICLE TO SAN. SEWER CONN.
SCALE: N.T.S.



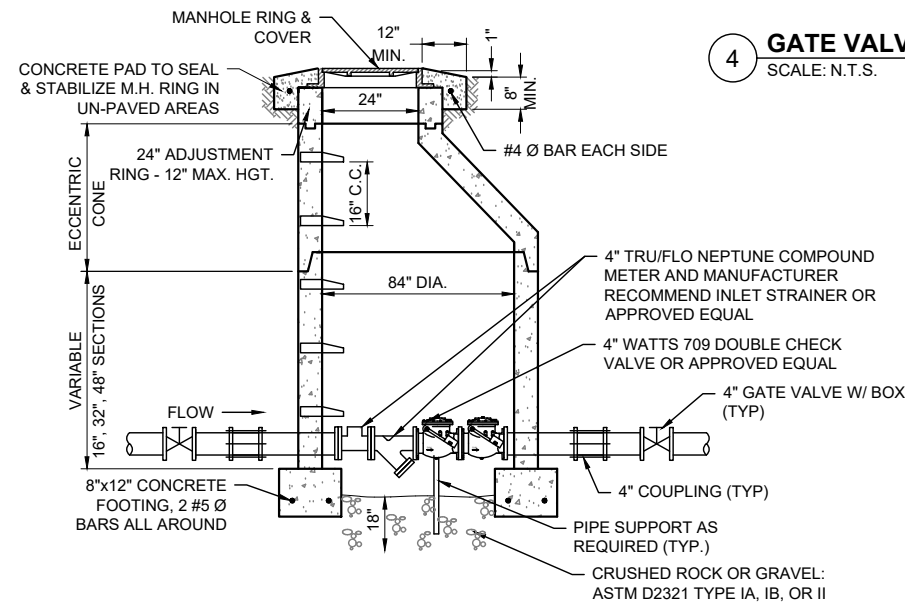
7 PRE-FABRICATION LIFT STATION
SCALE: N.T.S.



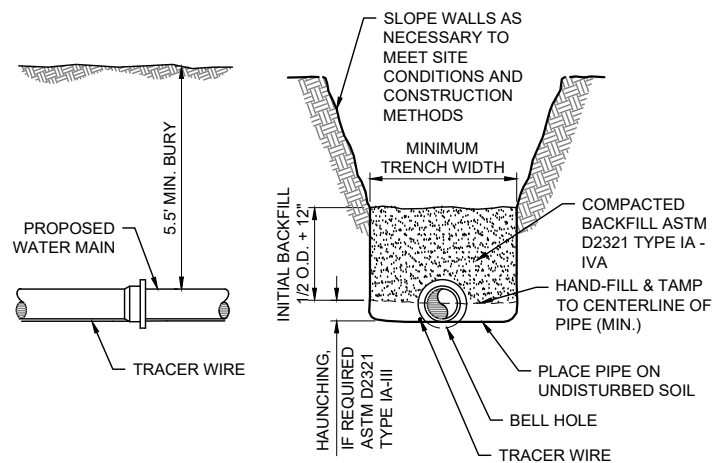
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DATE 12/6/2022
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PLOT BOOK David City #21
PLOT CREW NP
SURVEY FILE NO. SV-220784
PLAN IN HANDS DPB
INITIALS 8/10/22
DATE
PERCENT REVIEW ADB
INITIALS 10/24/22
DATE
PERCENT REVIEW DPB
INITIALS 11/2/22
DATE
REVISIONS 12/06/2022 



4 GATE VALVE & BOX
SCALE: N.T.S.

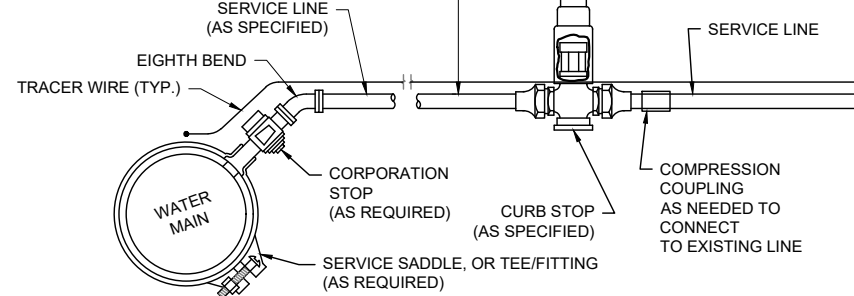


1 WATER METER AND BACKFLOW PREVENTION MANHOLE ASSEMBLY
SCALE: N.T.S.



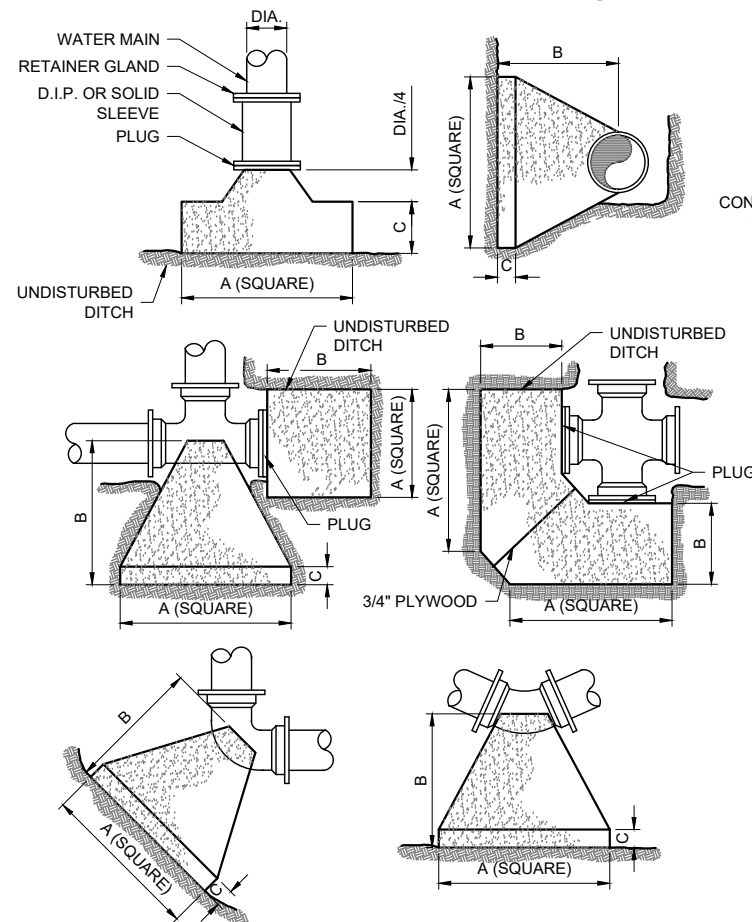
PIPE SIZE	MIN. TRENCH WIDTH
2"	14"
4"	18"
6"	18"
8"	24"
10"	26"
12"	30"
15"	30"
18"	32"

3 WATER MAIN TRENCH

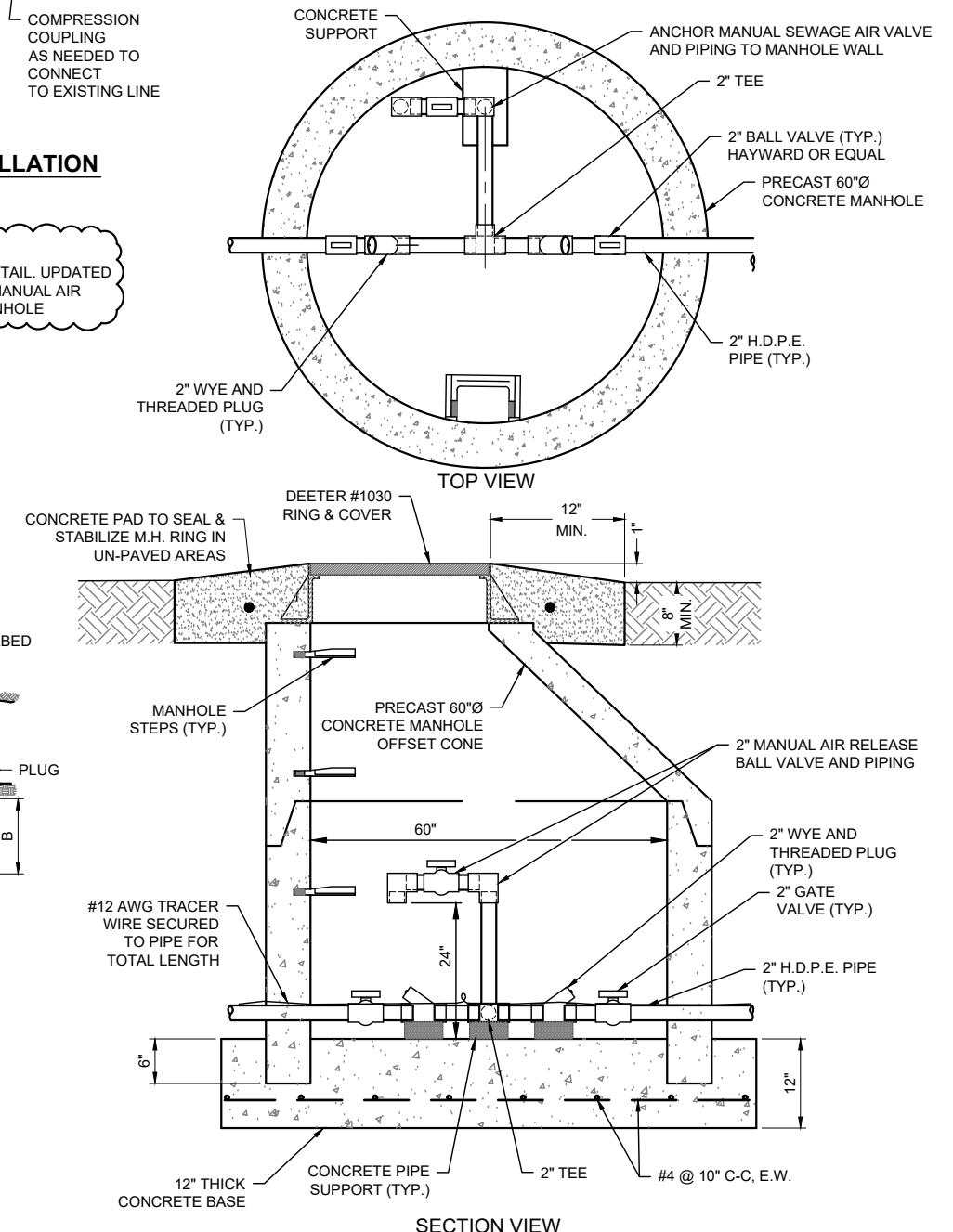


2 WATER SERVICE INSTALLATION

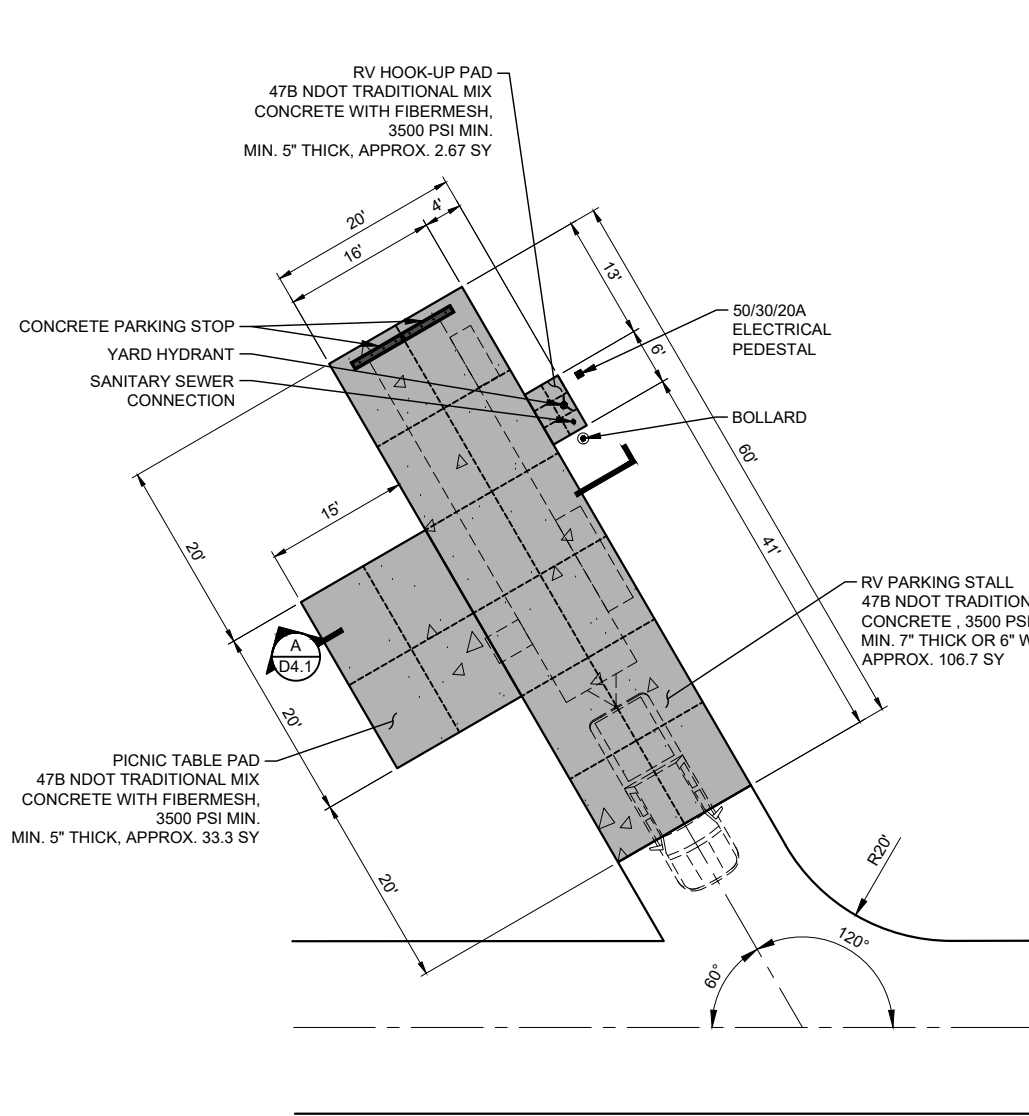
2 REISSUED SHEET:
ADDED THRUST BLOCKING DETAIL. UPDATED
AND ADDED CLEANOUTS TO MANUAL AIR
RELEASE AND CLEANOUT MANHOLE



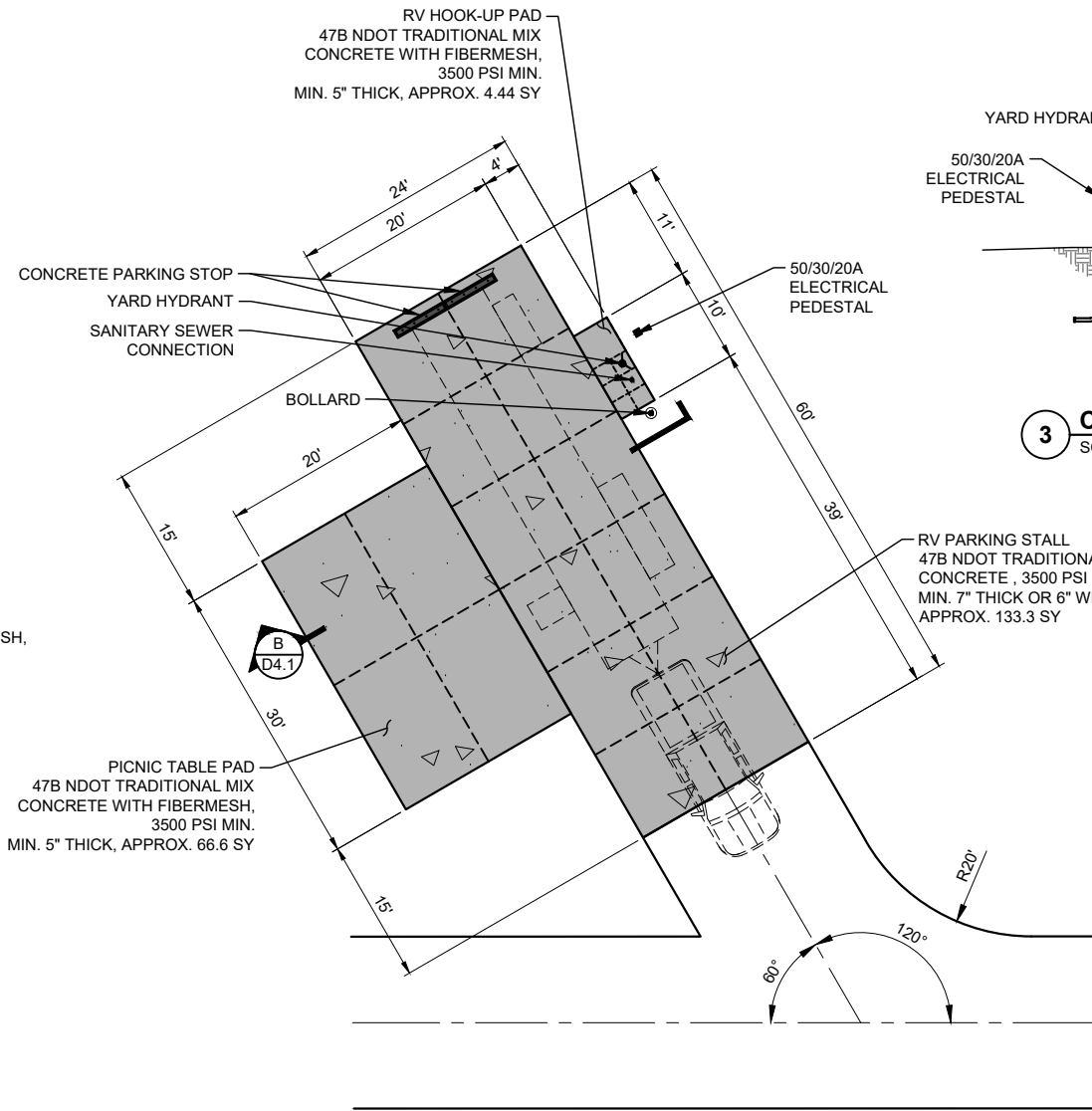
6 CONCRETE THRUST BLOCK
SCALE: N.T.S.



5 TWO WAY CLEANOUT & AIR RELEASE MANHOLE
SCALE: N.T.S.



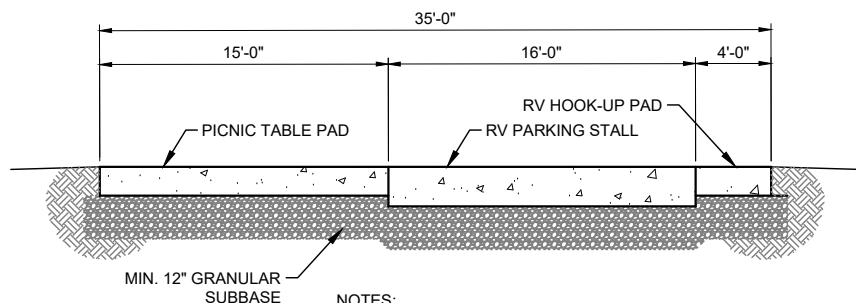
1 STANDARD RV PAD
SCALE: 1"=10'-0"



2 ADA ACCESSIBLE RV PAD
SCALE: 1"=10'-0"

3 CAMPER PAD UTILITY DETAIL
SCALE: NOT TO SCALE

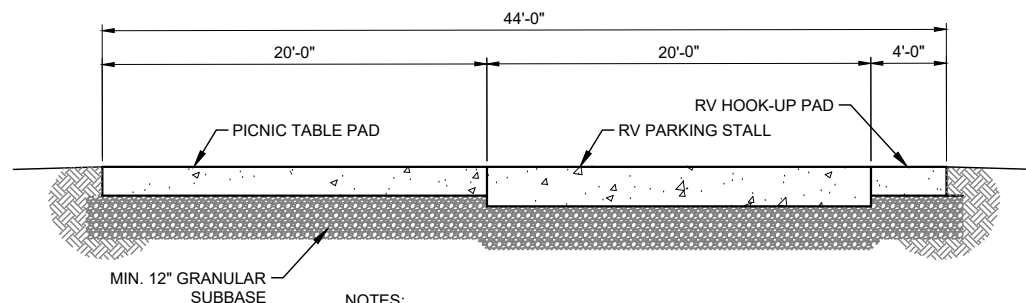
Δ REMOVED CONCRETE AROUND ELECTRICAL
PEDESTAL TO ACCOMMODATE DIRECT BURY
STYLE PEDESTAL



NOTES:

1. PICNIC TABLE PAD AND RV HOOK-UP PAD SHALL BE 47B NDOT TRADITIONAL MIX CONCRETE WITH FIBERMESH, 3500 PSI MIN.
2. 47B NDOT TRADITIONAL MIX CONCRETE , 3500 PSI MIN. MIN. 7" THICK OR 6" WITH FIBERMESH
3. INSTALL ELECTRICAL PEDESTAL, AS CLOSE TO CONCRETE PAD AS ALLOWED PER NEC STANDARDS

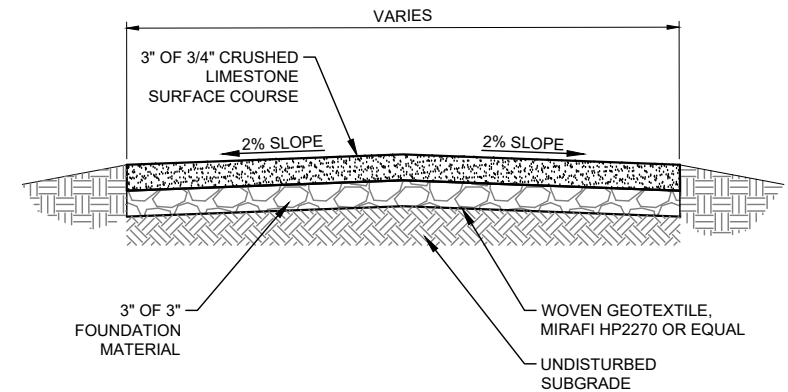
A STANDARD RV PAD SECTION
SCALE: NOT TO SCALE



NOTES:

1. PICNIC TABLE PAD AND RV HOOK-UP PAD SHALL BE 47B NDOT TRADITIONAL MIX CONCRETE WITH FIBERMESH, 3500 PSI MIN.
2. 47B NDOT TRADITIONAL MIX CONCRETE , 3500 PSI MIN. MIN. 7" THICK OR 6" WITH FIBERMESH
3. INSTALL ELECTRICAL PEDESTAL, AS CLOSE TO CONCRETE PAD AS ALLOWED PER NEC STANDARDS

B ADA ACCESSIBLE RV PAD
SCALE: NOT TO SCALE



4 TYPICAL ROAD SECTION
SCALE: NOT TO SCALE

STRUCTURAL DESIGN CRITERIA

A. DESIGN CODE:

1. INTERNATIONAL BUILDING CODE (2018 IBC)
2. ASCE 7-16

B. DESIGN LOADS:

1. STORM SEWER STRUCTURE LID =100 PSF (LIVE LOAD)
2. FOUNDATION WALLS =90 PSF/FT LATERAL
+2' SURCHARGE

GENERAL

1. FOR FIELD LAYOUT AND SHOP DETAILING, THE CONTRACTOR MUST VERIFY AND COORDINATE DIMENSIONS ON ARCHITECTURAL, MECHANICAL AND STRUCTURAL DRAWINGS AND IMMEDIATELY REPORT ANY DISCREPANCIES IN WRITING TO THE ARCHITECT AND ENGINEER OF RECORD.CONTRACTOR MUST VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS.
2. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF UTILITY SERVICES IN THE AREA TO BE EXCAVATED BEFORE BEGINNING EXCAVATION.
3. IN NO CASE SHALL DIMENSIONS BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THE STRUCTURAL DRAWINGS.
4. THE GENERAL CONTRACTOR SHALL REPORT ALL NON-CONFORMING TEST REPORTS TO THE ENGINEER OF RECORD FOR REVIEW BEFORE PROCEEDING.
5. THE CONTRACTOR IS RESPONSIBLE FOR BRACING ALL STRUCTURAL ELEMENTS, WITHOUT OVERSTRESSING, AS REQUIRED UNTIL PROJECT IS COMPLETE.

CONCRETE REINFORCEMENT

1. ALL REINFORCING STEEL TO BE ASTM-A615, GRADE 60(FY=60,000psi) DEFORMED BARS UNLESS OTHERWISE NOTED.
2. WELDED WIRE FABRIC (SMOOTH) SHALL BE INSTALLED IN FLAT SHEETS (NOT ROLLED) AND BE GRADE 65 (65ksi YIELD STRENGTH) ACCORDING TO ASTM-A185
3. ALL REINFORCING BARS TO BE DETAILED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF ACI-315 MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
4. ALL REINFORCING, INCLUDING DOWELS, SHALL BE SECURELY TIED AND CAST WITH THE LOWER MEMBER. PLACING REINFORCING AFTER CONCRETE HAS BEEN PLACED (FLOATING) IN NOT ALLOWED.
5. WELDING OF REINFORCING IN NOT ALLOWED. UNO
6. FIELD BENDING OF REINFORCING PARTIALLY EMBEDDED IN CONCRETE IS NOT ALLOWED UNLESS SPECIFICALLY NOTED ON THE DRAWINGS.
7. ALL REINFORCING SHALL BE CONTACT LAP SPICED OR DOWELED 48 BAR DIAMETERS MINIMUM OR 12" (WHICHEVER IS GREATER). BARS TO BE LAPPED SPICED ONLY IN AREAS OF LOW STRESS. ALL BARS TO BE CONTINUOUS OTHERWISE.
8. DOWELS BETWEEN FOUNDATION AND WALLS TO BE INSTALLED AND BE THE SAME GRADE, SIZE AND SPACING AS THE VERTICAL WALL REINFORCING UNLESS OTHERWISE NOTED.
9. PROVIDE BENT CORNER BARS TO MATCH HORIZONTAL REINFORCING AT ALL CORNERS AND INTERSECTIONS. (SEE STANDARD DETAIL)
10. SCREEDING, RE-STRAIGHTENING AND FINISHING OPERATIONS TO COMPLY WITH ACI-302.1R RECOMMENDATIONS.
11. MECHANICALLY VIBRATE CONCRETE PER STANDARD PRACTICE.

SHOP DRAWINGS:

SHOP DRAWINGS TO BE SUPPLIED TO THE ARCHITECT AND ENGINEER OF RECORD FOR REVIEW.
SHOP DRAWINGS ARE REQUIRED FOR THE FOLLOWING ITEMS:

ITEM	P.E. SEALED
1. FOUNDATION REINFORCING	NOT REQUIRED
2. STEEL GRATING	NOT REQUIRED

SHOP DRAWINGS TO INCLUDE BUT NOT BE LIMITED TO: LAYOUT, SIZE, ORIENTATION, LENGTHS, THICKNESS, LAPS, EMBEDMENT, MATERIAL STRENGTH, QUANTITY, SPACING, DETAILED CONNECTIONS, CALCULATIONS, EMBEDDED PLATES, ETC.

SPECIAL INSPECTION:

1. SPECIAL INSPECTION NOT REQUIRED, UNLESS AS REQUIRED BY LOCAL BUILDING OFFICIAL.

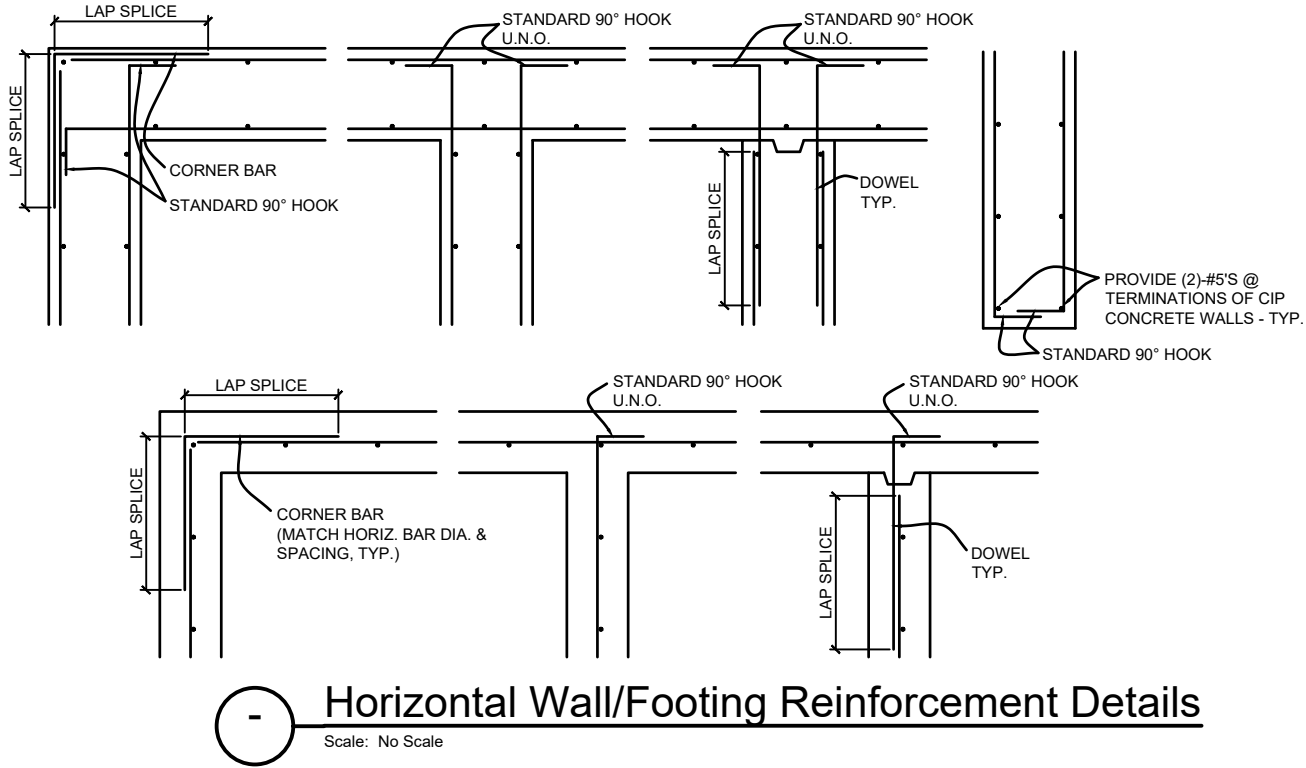
FOUNDATIONS

1. FOUNDATION DESIGN IS BASED UPON A PRESUMED SOIL BEARING CAPACITY OF 2000PSF. GC & OWNER TO VERIFY THE ON SITE SOIL CONDITIONS WITH A GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION. THE GEOTECHNICAL ENGINEER IS TO BE RETAINED TO PROVIDE CONTINUOUS TESTING AND OBSERVATION DURING ALL EARTHWORK AND FOUNDATION CONSTRUCTION PHASES AND VERIFY ALL GEOTECHNICAL RECOMMENDATIONS ARE BEING IMPLEMENTED.
2. PROTECT FOUNDATION EXCAVATIONS FROM FROST; DO NOT PLACE CONCRETE ON FROZEN GROUND
3. FOUNDATION EXCAVATIONS SHALL BE KEPT FREE OF LOOSE MATERIAL AND STANDING WATER AND SHALL BE CHECKED AND APPROVED BY THE GEOTECHNICAL ENGINEER BEFORE THE PLACEMENT OF CONCRETE.
4. FROST DEPTH = 42". CONTRACTOR TO COORDINATE FOUNDATION WITH GRADING PLAN TO MAINTAIN THIS MINIMUM REQUIREMENT ABOVE BOTTOM OF ALL FOOTINGS.
5. ALL FOOTINGS SHALL BEAR ON SUITABLE UNDISTURBED SOIL, OR ENGINEERED COMPACTED FILL, AS SPECIFIED IN GEOTECHNICAL REPORT. ANY FOOTINGS REQUIRING FILL MATERIAL BELOW TO BE OVER EXCAVATED AND RECOMPACTED AS DIRECTED BY GEOTECHNICAL ENGINEER.
6. ALL FOOTING EXCAVATIONS AND SLAB SUBGRADE TO BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF CONCRETE AND SHALL TEST ALL FILL FOR REQUIRED COMPACTION.
7. ANY AND ALL BACKFILL MATERIAL TO BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION. FILL TO BE INSTALLED IN 6" TO 8" LIFTS AND COMPACTED TO THE DEGREE AS SPECIFIED IN THE GEOTECHNICAL REPORT.

CONCRETE

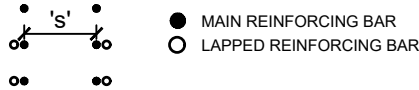
1. REINFORCED CONCRETE TO HAVE THE FOLLOWING 28 DAY COMPREHENSIVE STRENGTHS (F_c)
FOUNDATION WALLS = 4000 psi
ELEVATED SLABS & TOPPINGS = 4000 psi
MAT SLAB FOOTINGS = 4000 psi
2. CONCRETE TO CONFORM TO LATEST ADDITION OF ACI-301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
3. PROVIDE PROTECTION FOR REINFORCING BARS AS FOLLOWS:
CAST-IN-PLACE CONCRETE
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH3"
CONCRETE EXPOSED TO EARTH AND WEATHER (FORMED)
#5 AND SMALLER.....1 1/2"
#6 AND LARGER.....2"
CONCRETE NOT EXPOSED TO WEATHER AND NOT IN CONTACT WITH GROUND:
SLABS AND WALLS..... 3/4"
BEAMS AND COLUMNS.....1 1/2"
4. LATEST ADDITION OF ACI-318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE TO BE FOLLOWED.
5. LATEST ADDITION OF ACI-117 STANDARD TOLERANCES FOR CONCRETE CONSTRUCTION TO BE FOLLOWED.
6. LATEST ADDITION OF ACI-347 RECOMMENDED PRACTICE FOR CONCRETE FRAMEWORK TO BE FOLLOWED.
7. ALL WATER TO BE POTABLE.
8. ALL CONCRETE EXPOSED TO WEATHER SHALL HAVE 5% TO 7 1/2% AIR ENTRAINMENT.
9. ACI-305 TO BE FOLLOWED FOR HOT WEATHER CONCRETING.
10. ACI-306 TO BE FOLLOWED FOR COLD WEATHER CONCRETING.
11. SUBMIT A CONCRETE MIX DESIGN FOR APPROVAL BY THE PROJECT ENGINEER. THE MIX DESIGN SHALL INCLUDE THE PROPORTIONS AND TEST RESULTS OR CERTIFICATIONS FOR ALL COMPONENTS OF THE MIX IN ACCORDANCE WITH THE LATEST ACI 301. SUBMIT DOCUMENTED RESULTS OF "FIELD TEST DATA" OR "TRIAL MIXTURES" IN ACCORDANCE WITH ACI 301 FOR CONCRETE USED. THE MIX DESIGNS SHALL MEET THE FOLLOWING GUIDELINES.

12. STAINLESS STEEL (S.S.) DRILL & EPOXY ANCHOR RODS TO BE HILTI 500-V3 EPOXY & HILTI HAS-R316 S.S.
13. ALL ANCHOR RODS TO CONFORM TO ASTM-F1554, GRADE A36 E OR S WITH FULL THREADED PROJECTIONS
14. CONCRETE TO BE REGULAR WEIGHT WITH ASTM-C150 TYPE 1 PORTLAND CEMENT. ALL FINE AND COARSE AGGREGATES TO CONFORM TO ASTM-C33
15. SLEEVES AND OPENINGS IN WALLS, BEAMS AND SLABS NOT SHOWN ON STRUCTURAL DRAWINGS OR OUTSIDE THE PARAMETERS OF TYPICAL SLEEVE DETAILS ARE NOT PERMITTED, UNLESS APPROVED BY THE STRUCTURAL ENGINEER.
16. CONDUIT AND PIPES EMBEDDED IN SLABS, WALLS OR BEAMS SHALL BE NO LARGER IN OUTSIDE DIMENSION THAN 1/3 THE OVERALL MEMBER THICKNESS AND SHALL BE PLACED NO CLOSER THAN 3 DIAMETERS OR WIDTHS ON CENTER.
17. PROVIDE WATERSTOPS IN ALL BELOW GRADE CONSTRUCTION JOINTS AND AT OTHER LOCATIONS AS SHOWN.
18. BEGIN CURING OF SLAB AS SOON AS WATER IS NOT VISABLE ON SURFACE. SLAB SURFACE TO BE KEPT MOIST FOR NO LESS THAN SEVEN (7) DAYS.



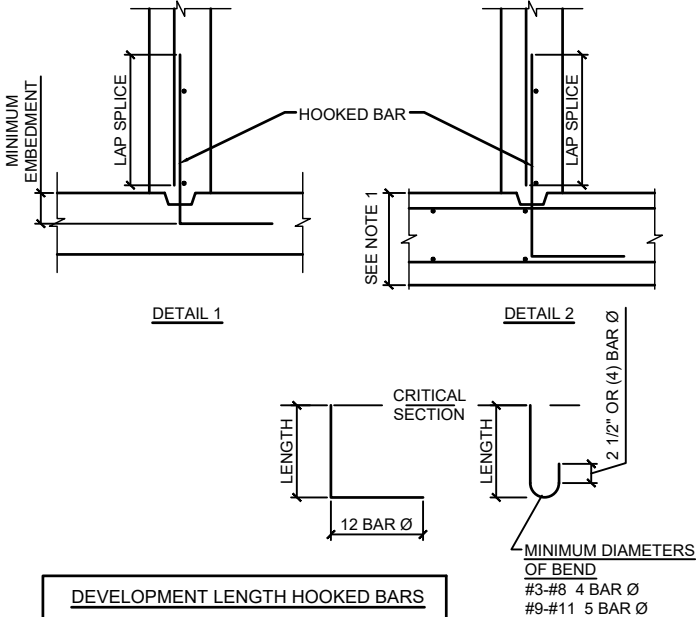
TYPICAL REINFORCING NOTES

1. Reinforcing bar development and lap splice length shall be as shown in table, unless noted otherwise.
2. The lengths shown in the table are based on the following concrete coverage and reinforcing center to center (c.c.) spacing.
beams or columns:
cover greater than or equal to 1.0 bar Ø
c.c. spacing greater than or equal to 2.0 bar Ø
all others:
cover greater than or equal to 1.0 bar Ø
c.c. spacing greater than or equal to 3.0 bar Ø
3. Top bars are defined as horizontal reinforcement such that more than 12" of fresh concrete is cast in the member below the development length or splice.
4. Development length and splice length shown shall NOT apply if any one of the following conditions accur:
a. f'c < 3,000 psi
b. fy < 60,000 psi
c. the cover or c.c. spacing is not as listed above
d. the reinforcing steel is epoxy coated
e. light weight concrete is used
5. Center to center spacing is defined as below:



DEVELOPMENT LENGTH NOTES

1. Where drawings are detailed similar to detail 2 (below) extend the embedment length such that the hooked bar contacts the layer of main reinforcing shown.
2. Embedment lengths in chart are typical except as noted in detail 2 (below) or as indicated on drawings.



REINFORCING DEVELOPMENT AND SPLICES				
f'c = 4,000 psi				
BAR SIZE	DEVELOPMENT LENGTH		SPlice LENGTH	
	OTHER	TOP	OTHER	TOP
#3	1'-0"	1'-3"	1'-3"	2'-0"
#4	1'-3"	1'-8"	1'-8"	2'-4"
#5	1'-7"	2'-1"	2'-1"	2'-9"
#6	1'-11"	2'-6"	2'-6"	3'-3"
#7	3'-6"	4'-6"	4'-6"	5'-11"
#8	3'-11"	5'-1"	5'-1"	6'-8"
#9	4'-6"	5'-9"	5'-9"	7'-6"
#10	5'-1"	6'-6"	6'-6"	8'-8"
#11	5'-7"	7'-3"	7'-3"	9'-6"

DEVELOPMENT LENGTH HOOKED BARS	
f'c = 4,000 psi	
BAR SIZE	DEVELOPMENT LENGTH OR MINIMUM EMBEDMENT
#3	8"
#4	10"
#5	1'-0"
#6	1'-3"
#7	1'-5"
#8	1'-7"
#9	1'-10"
#10	2'-1"
#11	2'-3"

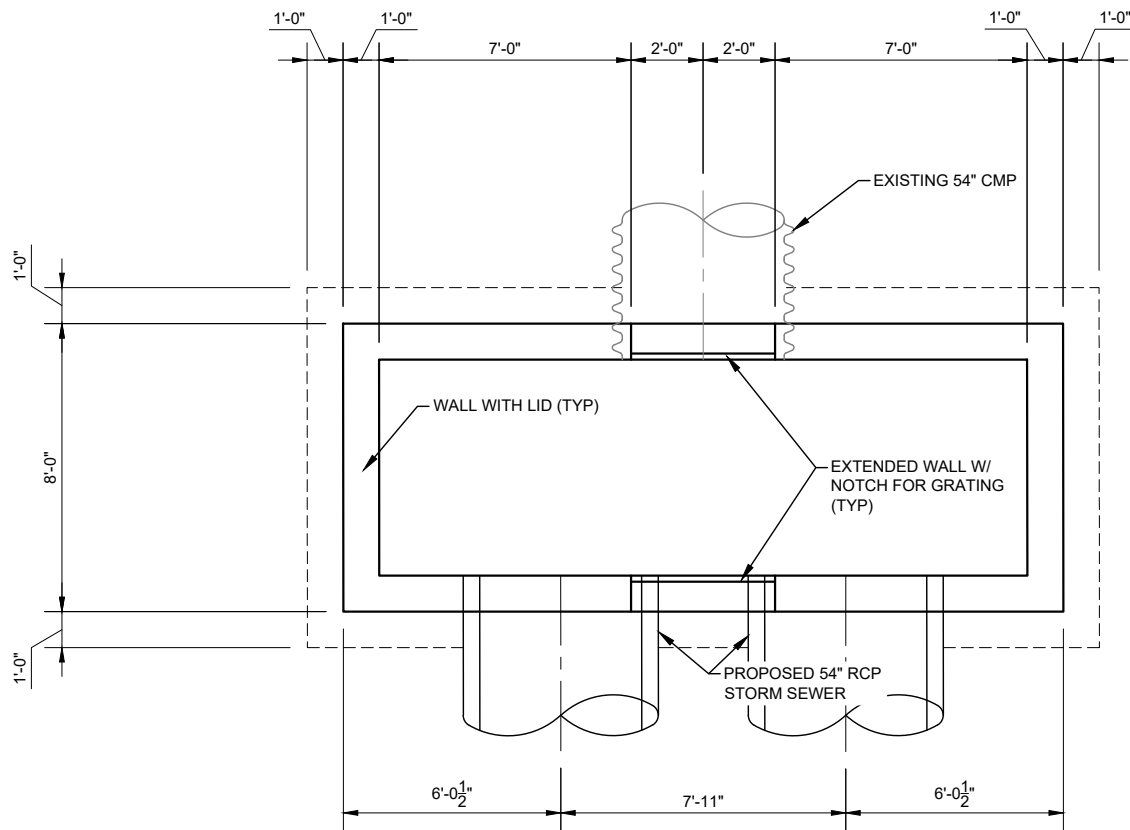


2022
CAMPGROUND IMPROVEMENTS
DAVID CITY, NE

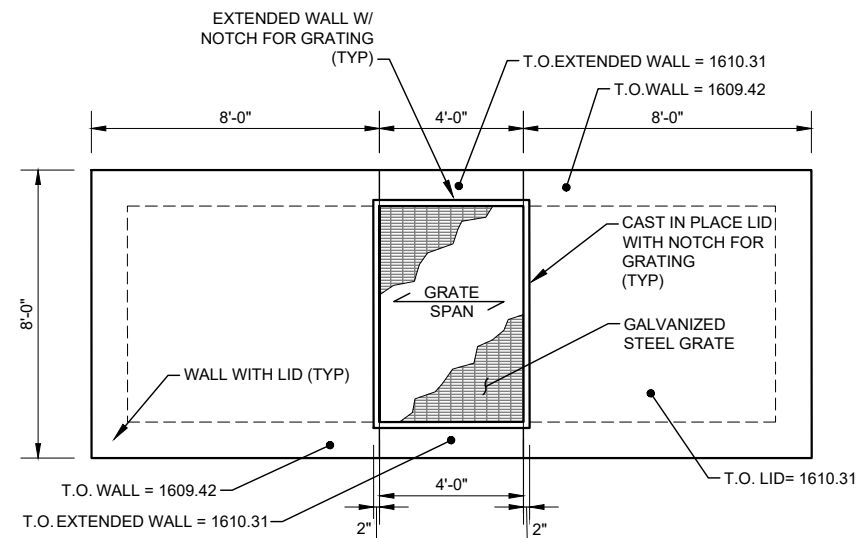
STRUCTURAL NOTES
& TYPICAL DETAILS



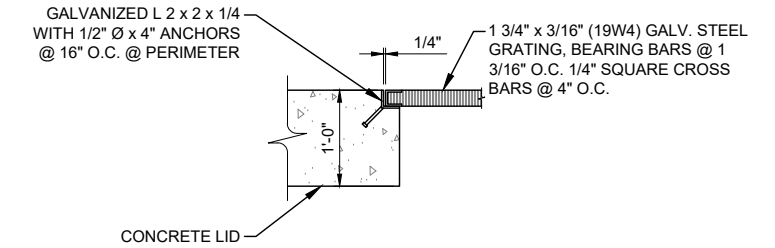
11-2-2022
PROJECT NO. 220784.00
DATE 11/2/2022
DRAWN BY JDS
FILE NAME S-220784-Gen.dwg
FIELD BOOK David City #21
FIELD CREW NP
SURVEY FILE NO. SV-220784
PLAN IN HAND INITIALS DPB
DATE 8/10/22
70 PERCENT REVIEW INITIALS ADB
DATE 10/24/22
95 PERCENT REVIEW INITIALS DPB
DATE 11/2/22
REVISIONS



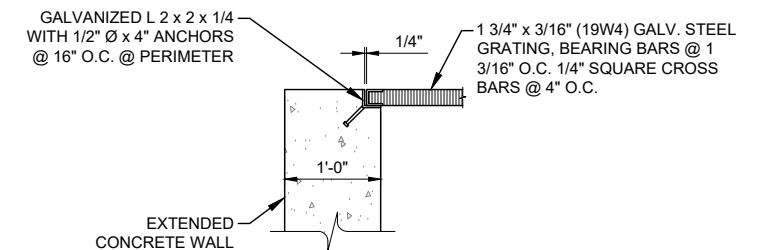
1 STORM STRUCTURE INTERIOR PLAN
SCALE: 3/8"=1'-0"



2 STORM STRUCTURE LID PLAN
SCALE: 3/8"=1'-0"

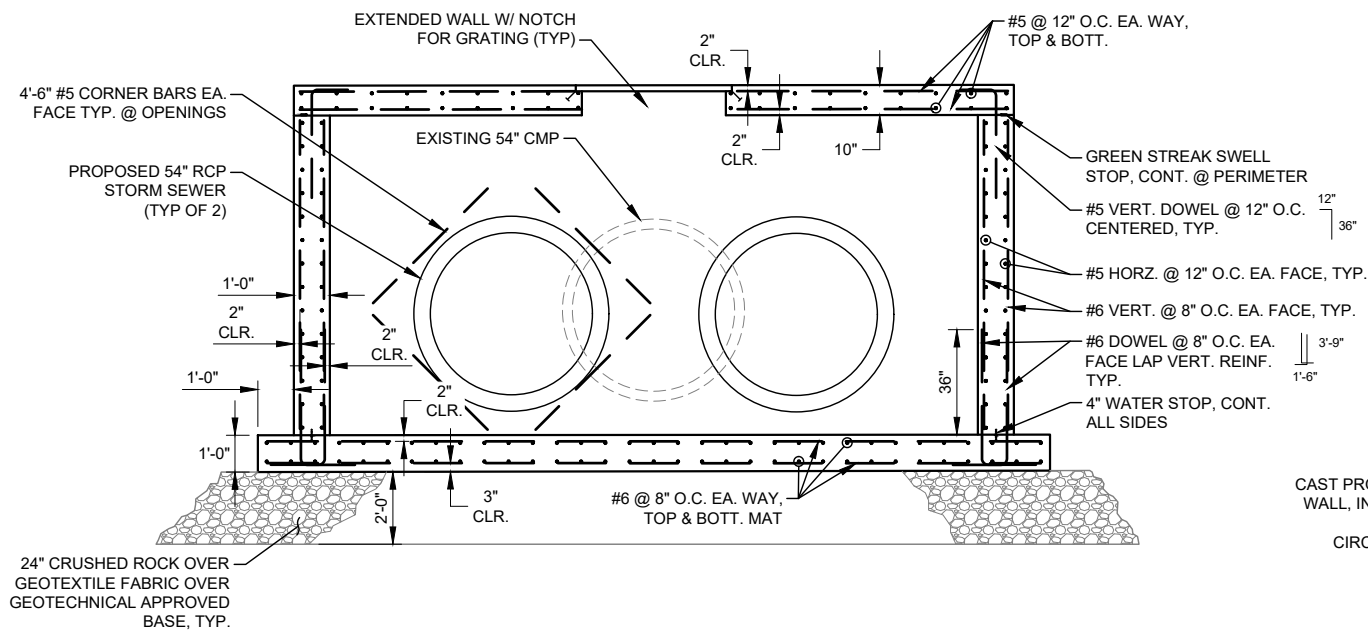


LID GRATING NOTCH

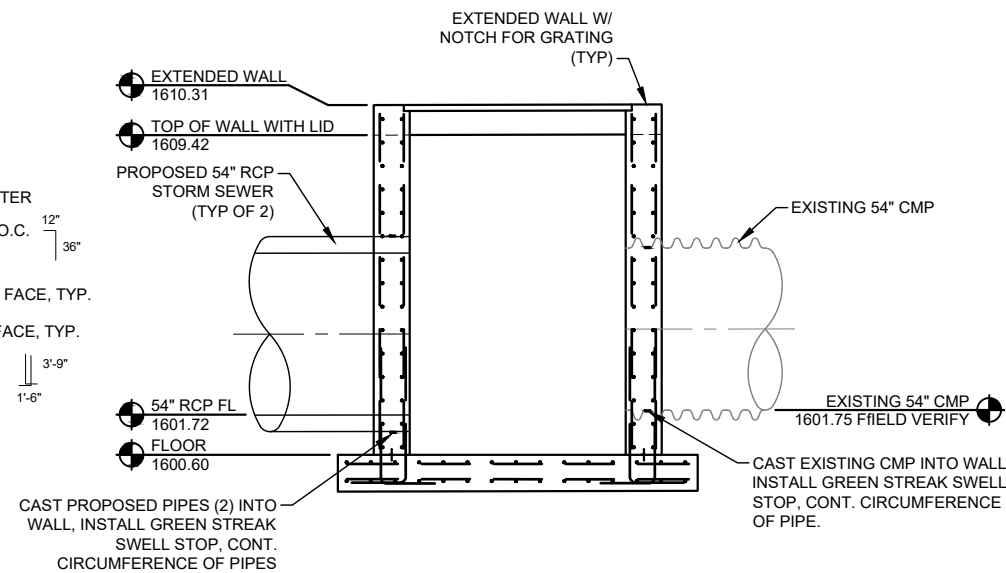


WALL GRATING NOTCH

3 GRATING DETAILS
SCALE: 1"=1'-0"

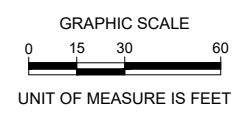
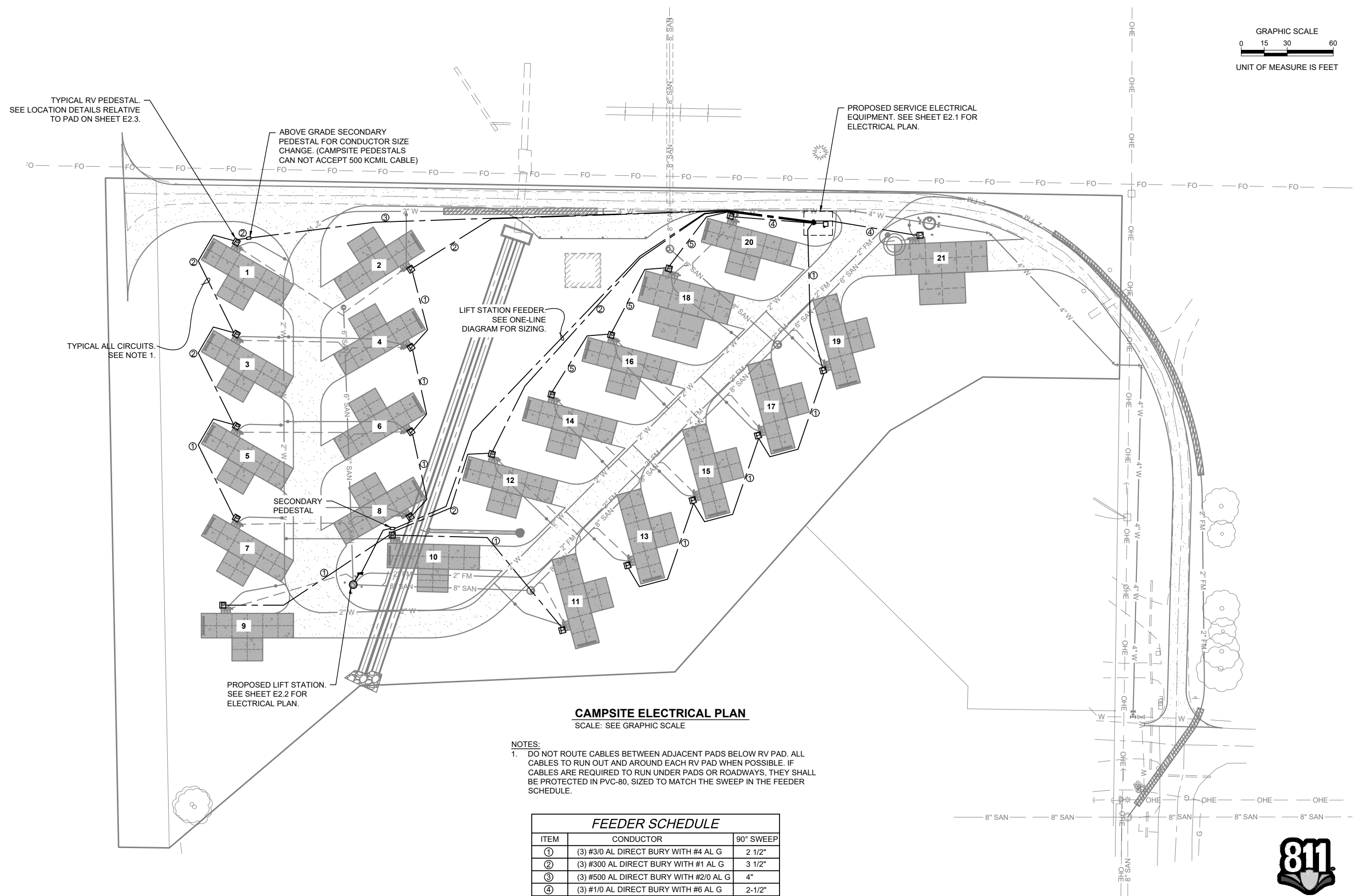


A STORM STRUCTURE SECTION - A
SCALE: 3/8"=1'-0"



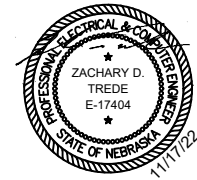
B STORM STRUCTURE SECTION - B
SCALE: 3/8"=1'-0"

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CAMPGROUND IMPROVEMENTS
DAVID CITY, NE

ELECTRICAL SITE PLAN



PROJECT NO.	220784.00
DATE	11/17/2022
DRAWN BY	S.LORCH
FILE NAME	S-220784.00-ELEC.dwg
FIELD BOOK	David City #21
FIELD CREW	NP
SURVEY FILE NO.	SV-220784
PLAN IN HAND	INITIALS
DATE	---
70 PERCENT REVIEW	INITIALS
DATE	---
95 PERCENT REVIEW	INITIALS
DATE	11/8/22
REVISIONS	---

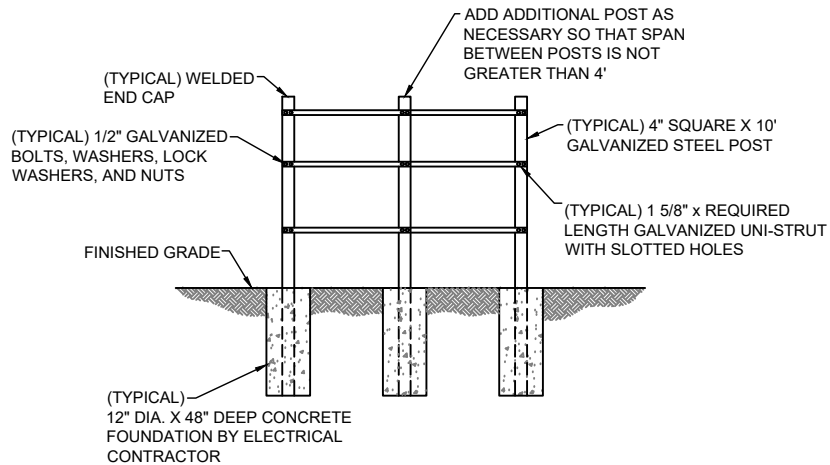


Know what's below.
Call before you dig.

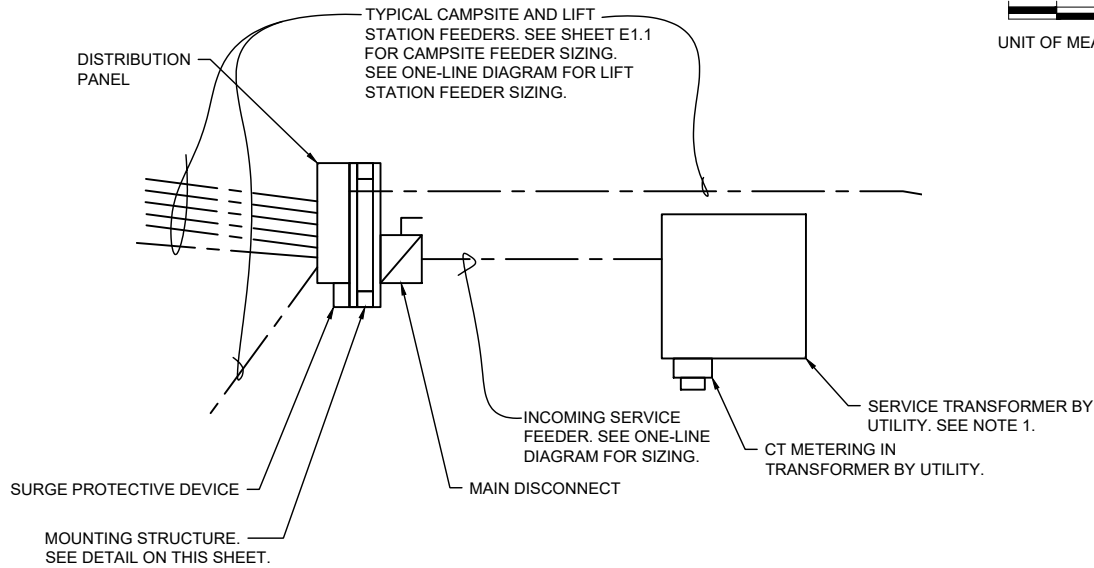
CAMPSITE ELECTRICAL PLAN
SCALE: SEE GRAPHIC SCALE

- NOTES:
- DO NOT ROUTE CABLES BETWEEN ADJACENT PADS BELOW RV PAD. ALL CABLES TO RUN OUT AND AROUND EACH RV PAD WHEN POSSIBLE. IF CABLES ARE REQUIRED TO RUN UNDER PADS OR ROADWAYS, THEY SHALL BE PROTECTED IN PVC-80, SIZED TO MATCH THE SWEEP IN THE FEEDER SCHEDULE.

FEEDER SCHEDULE		
ITEM	CONDUCTOR	90° SWEEP
①	(3) #3/0 AL DIRECT BURY WITH #4 AL G	2 1/2"
②	(3) #300 AL DIRECT BURY WITH #1 AL G	3 1/2"
③	(3) #500 AL DIRECT BURY WITH #2/0 AL G	4"
④	(3) #1/0 AL DIRECT BURY WITH #6 AL G	2-1/2"
⑤	(3) #2/0 AL DIRECT BURY WITH #4 AL G	2-1/2"

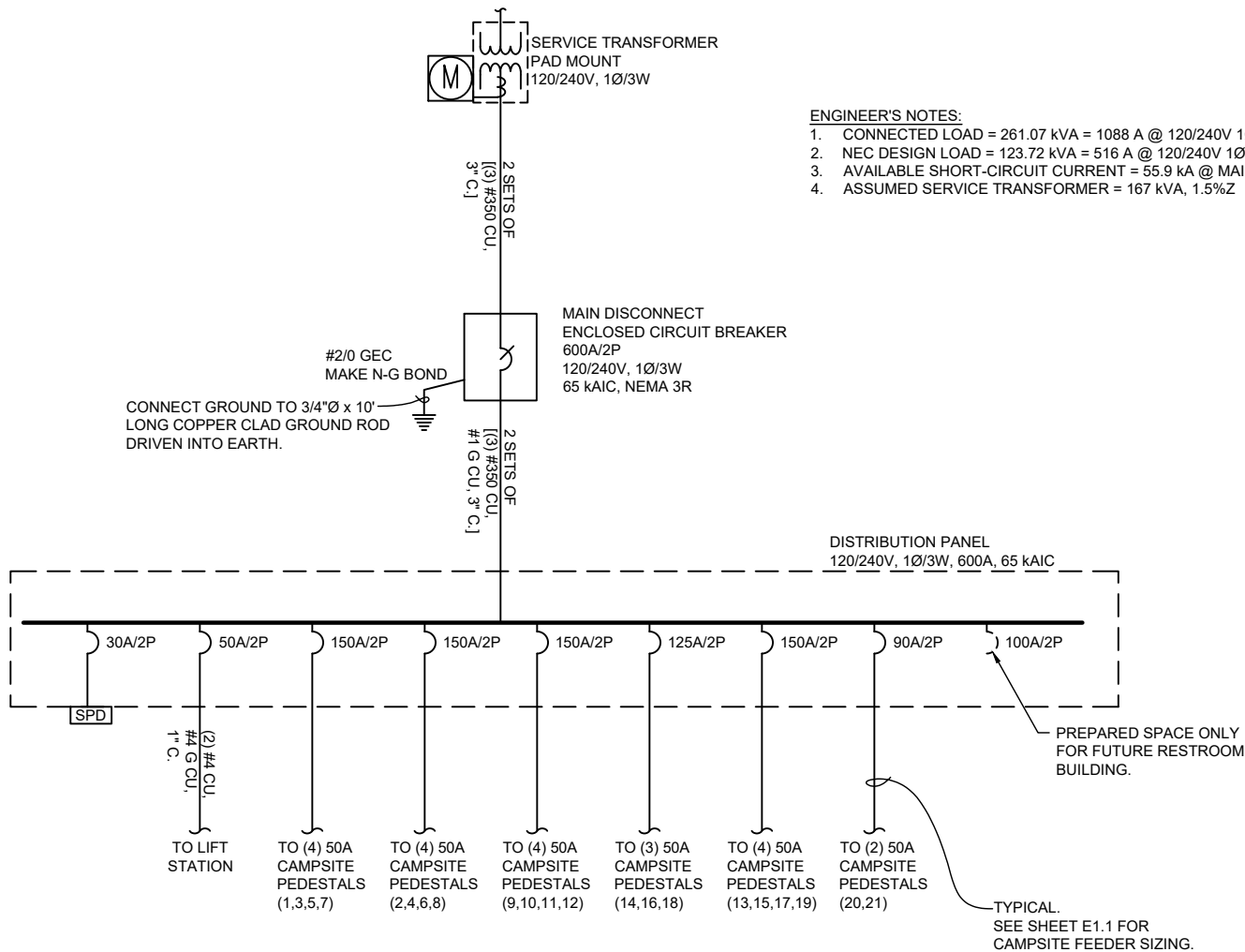


MOUNTING STRUCTURE DETAIL
SCALE: NOT TO SCALE

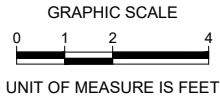


ELECTRICAL SERVICE PLAN
SCALE: SEE GRAPHIC SCALE

- NOTES:**
1. UTILITY TO FURNISH AND INSTALL ALL PRIMARY MEDIUM VOLTAGE EXTENSION EQUIPMENT, TRANSFORMER, FIBERGLASS BASE, AND CT METERING. CONTRACTOR SHALL BE RESPONSIBLE FOR LOADSIDE SERVICE ELECTRICAL EQUIPMENT, INCLUDING SERVICE FEEDER AND RACEWAY.



SERVICE ONE-LINE DIAGRAM
SCALE: NO SCALE

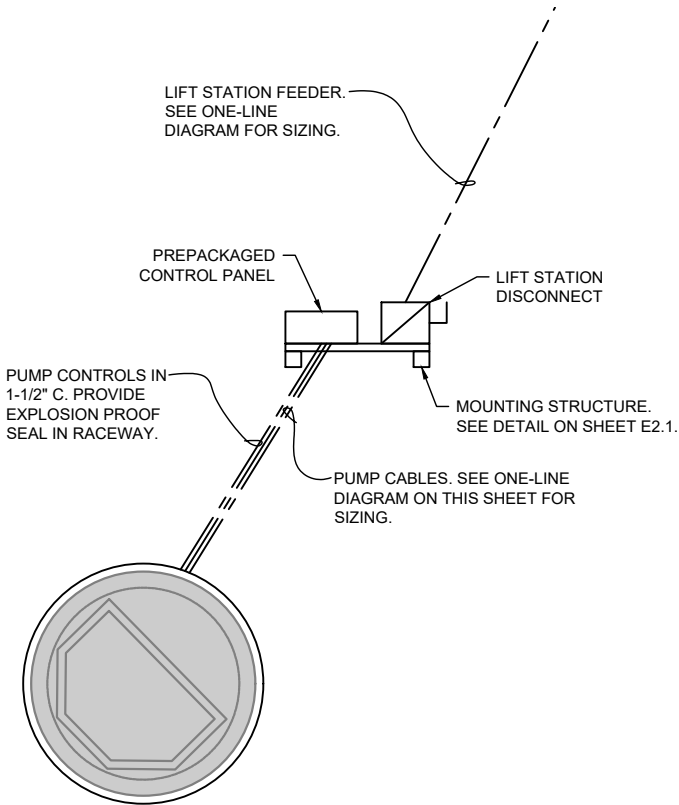


2022
CAMPGROUND IMPROVEMENTS
DAVID CITY, NE

ELECTRICAL PLAN



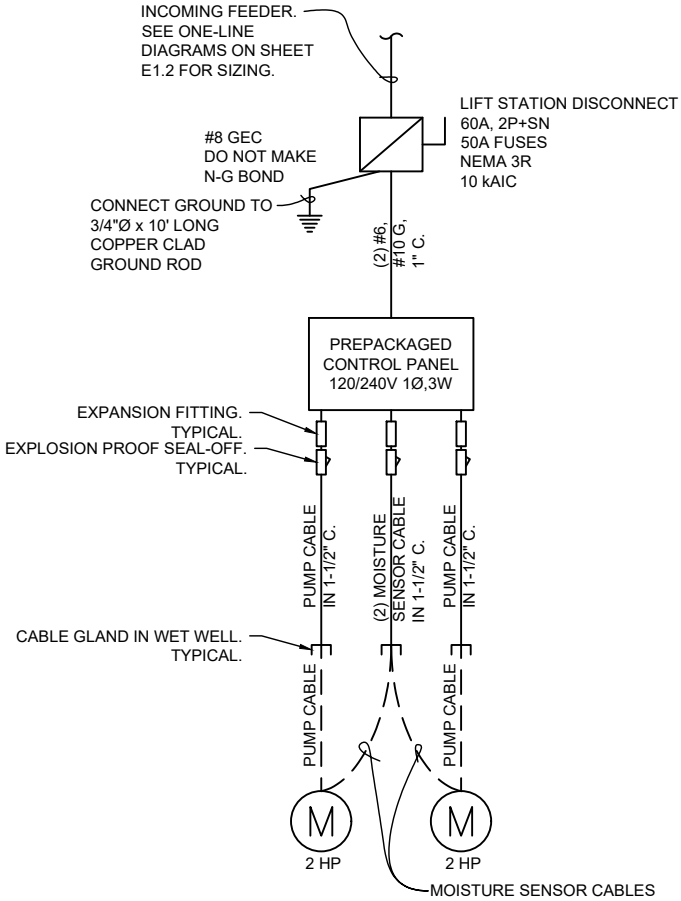
PROJECT NO.	220784.00
DATE	11/17/2022
DRAWN BY	S.LORCH
FILE NAME	S-220784.00-ELEC.dwg
FIELD BOOK	David City #21
FIELD CREW	NP
SURVEY FILE NO.	SV-220784
PLAN IN HAND	INITIALS
DATE	---
70 PERCENT REVIEW	INITIALS
DATE	---
95 PERCENT REVIEW	INITIALS
DATE	11/8/22
REVISIONS	



LIFT STATION ELECTRICAL PLAN
SCALE: SEE GRAPHIC SCALE

CLASSIFICATION OF HAZARDOUS LOCATIONS:

1. ALL ELECTRICAL WORK IN LIFT STATION WET WELL SHALL BE CLASS I DIVISION 1, GROUP D EXPLOSION PROOF.
2. ALL ELECTRICAL WORK UP TO 18" ABOVE GRADE WITHIN 3' OF ANY OPENINGS IN WET WELL SHALL BE CLASS I DIVISION 2, GROUP D EXPLOSION PROOF.
3. ALL ELECTRICAL WORK WITHIN A 36" RADIUS OF ANY VENT EXTENDING FROM THE WET WELL SHALL BE CLASS I DIVISION 1, GROUP D EXPLOSION PROOF.
4. ALL ELECTRICAL WORK BETWEEN A 36" RADIUS AND 60" RADIUS FROM ANY VENT EXTENDING FROM THE WET WELL SHALL BE CLASS I DIVISION 2, GROUP D EXPLOSION PROOF.
5. ALL ELECTRICAL WORK OUTSIDE OF THESE AREAS IS ORDINARY/UNCLASSIFIED.



LIFT STATION ONE LINE DIAGRAM
SCALE: NO SCALE

LIFT STATION NOTES:

1. ALL CONDUITS ENTERING PUMP PIT TO HAVE EXPLOSION-PROOF SEAL OFF LOCATED BELOW CONTROL PANEL.

2022
CAMPGROUND IMPROVEMENTS
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LIFT STATION ELECTRICAL PLAN



PROJECT NO.	220784.00
DATE	11/17/2022
DRAWN BY	S.LORCH
FILE NAME	S-220784.00-ELEC.dwg
FIELD BOOK	David City #21
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E2.3



- ABOVE GRADE SECONDARY PEDESTAL DETAIL**
SCALE: NOT TO SCALE

- ## RV PEDESTAL DETAIL
- SCALE: NOT TO SCALE