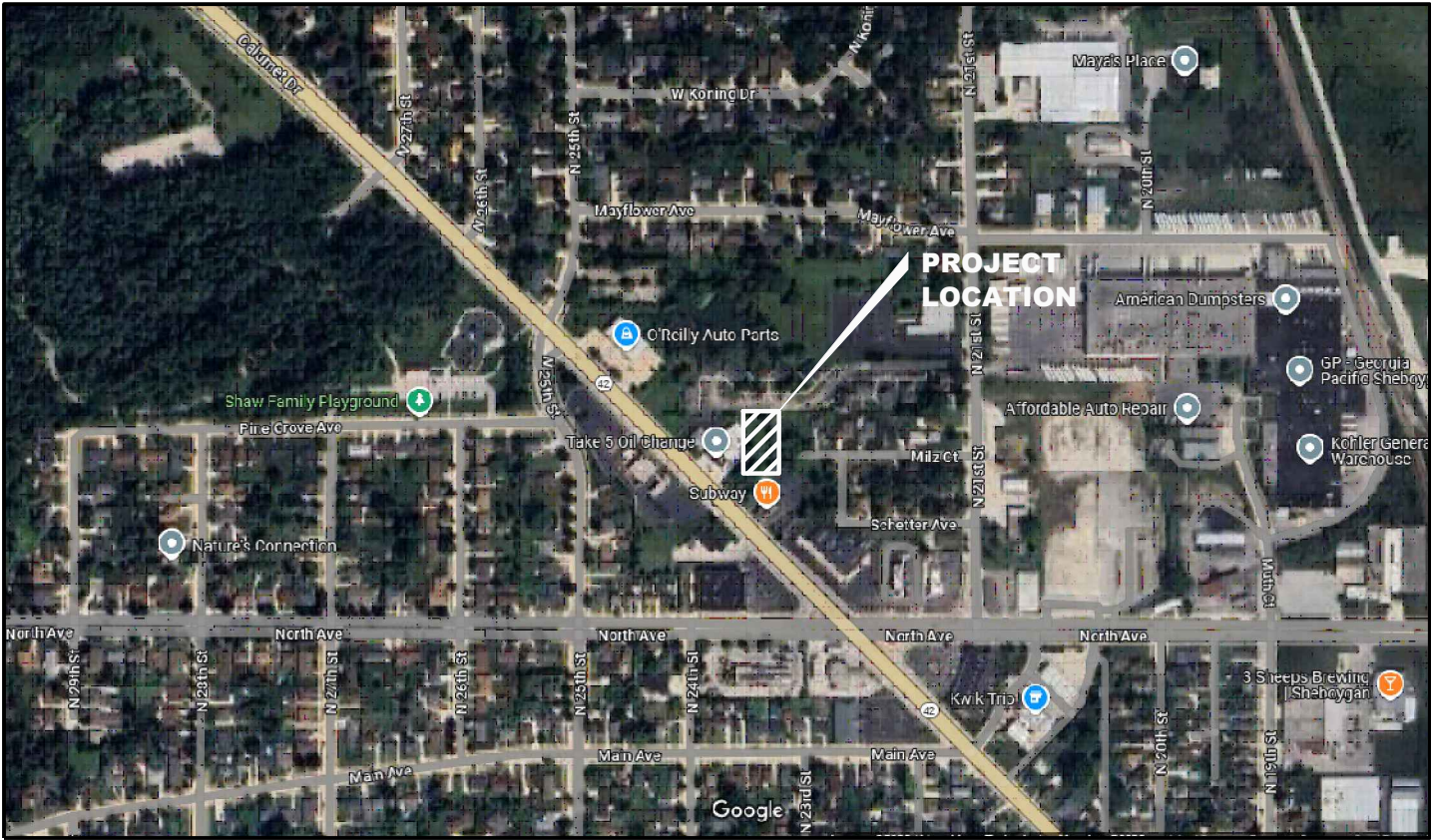
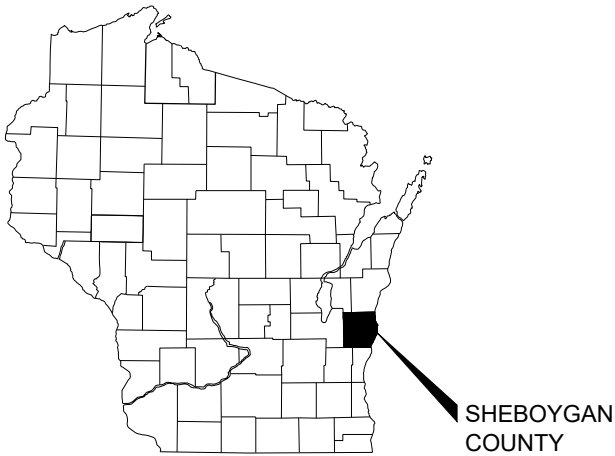


WISCONSIN PUBLIC SERVICE MILZ COURT REGULATOR STATION DESIGN CITY OF SHEBOYGAN APRIL 2025

SHEET INDEX	
SHEET NUMBER	SHEET TITLE
G-1	TITLE SHEET
G-2	GENERAL SYMBOLS AND ABBREVIATIONS
C-100	GRADING PLAN
C-101	PROPOSED SITE PLAN
D-1	GENERAL DETAILS



CITY OF SHEBOYGAN



COUNTY MAP
NTS

AA-Standard.sbb
4/10/2025
I:\25\Wisconsin Public Service\25-0406 01 WPS Site Design\Sheboygan Regulator Station\CSD\Sheets\1-Title Sheet.dwg, Layout: G-1

DES BY	RF								
DR BY	JWS	PROJ NO	25-0406.01						
CHK BY	BMG	DATE	APRIL 2025	NO	DATE		REVISION	NO	DATE

WISCONSIN PUBLIC SERVICE
MILZ COURT REGULATOR STATION DESIGN
CITY OF SHEBOYGAN



TITLE SHEET

SHEET NO.
G-1

EXISTING LINETYPES

	CULVERTS
	DRIVEWAY CENTERLINE
	BUILDING OUTLINE
	CHAINLINK FENCE
	WOOD FENCE
	BUSH/SHRUB LINES
	TREE LINES
	ASPHALT/CONCRETE EDGE
	GRAVEL SURFACES
	UG COMMUNICATION
	UG ELECTRIC
	UG FIBER OPTIC
	UG GAS
	OVERHEAD TRANSMISSION
	UNDERGROUND SANITARY SEWER
	UNDERGROUND STORM SEWER
	UNDERGROUND TELEPHONE
	UNDERGROUND TELEVISION
	UNDERGROUND WATER
	EDGE OF WATER
	EXISTING EASEMENT CENTERLINE
	EXISTING PROPERTY LINE
	EXISTING RIGHT OF WAY LINE
	RAILROAD
	PRIVATE ROAD CENTERLINE
	PROPERTY LINE
	PUBLIC ROAD CENTERLINE
	SECTION LINE
	MISCELLANEOUS LINE

EXISTING SYMBOLS

	BUSH/SHRUB
	TREE
	LIGHT POLE
	MAILBOX
	COGO/SURVEY POINT
	IRON PIPE
	SECTION CORNER MONUMENT
	SIGN
	ELECTRIC PEDESTAL
	ELECTRIC MANHOLE
	GUY WIRE
	POWER POLE
	UG DISTRIBUTION TRANSFORMER BANK
	UTILITY VAULT
	SANITARY MANHOLE
	INLET
	STORM MANHOLE
	TELEPHONE PEDESTAL
	TELEVISION PEDESTAL
	WATER MANHOLE
	WELL
	FIRE HYDRANT
	WATER VALVE
	CONTROL POINT
	STONE MONUMENT

NEW

SANITARY SEWER			
FORCE MAIN			
WATER MAIN			
STORM SEWER			
HARD SURFACE ROADWAY			
NON-SURFACED ROADWAY			
CURB AND GUTTER			
SIDEWALK			
BASELINE			
CONTOURS			
FENCE			
PERMANENT EASEMENT			
TEMPORARY EASEMENT			
UTILITY EASEMENT			
SETBACK			
RETAINING WALL			
POND			
DITCH			
SILT FENCE			
EROSION BALES			
EROSION MAT			
EROSION LOG			
SAW CUT			
DEMOLITION / REMOVAL			
GUARD RAIL			
TOP OF CUT			
TOP OF FILL			
SPOT ELEVATION			
CONTROL POINT			
BENCHMARK			

Dial **811** or (800)242-8511

www.DiggersHotline.com

NON-EMERGENCY NUMBERS

SHEBOYGAN POLICE DEPARTMENT : (920) 459-3333
SHEBOYGAN FIRE DEPARTMENT: (920) 459-3327

WISCONSIN PUBLIC SERVICE
EMERGENCY NUMBERS

NATURAL GAS: (800) 450-7280
ELECTRIC: (800) 450-7240

ABBREVIATIONS:

AC	ASBESTOS CONCRETE	DI	DUCTILE IRON	HMA	HOT MIX ASPHALT	PC	POINT OF CURVE	TC	TOP BACK OF CURB
A/E	ARCHITECT/ENGINEER	DIA	DIAMETER	HORZ	HORIZONTAL	PE	PRIVATE ENTRANCE	TEL	TELEPHONE
AL	ALUMINUM	DIM	DIMENSION	HSE	HOUSE	PED	PEDESTAL	THK	THICKNESS
ALT/	ALTERNATE	DR	DOOR	HW	HOT WATER	PERF	PERFORATE	THRU	THROUGH
APPROX	APPROXIMATE	DTL	DETAIL	HWR	HOT WATER RETURN	PI	POINT OF INTERSECTION	T/O/P	TOP OF PIPE
ASPH	ASPHALT	DW	DRIVEWAY	HYD	HYDRANT	P/L	PROPERTY LINE	TYP	TYPICAL
AUTO	AUTOMATIC	DWG	DRAWING	ID	INSIDE DIAMETER	PP	POWER POLE		
AVE	AVENUE	E	EAST	IN (")	INCHES	PSF	POUNDS PER SQUARE FOOT	UNEXC	UNEXCAVATED
@	AT	EA	EACH	INF	INFLUENT	PSI	POUNDS PER SQUARE INCH	USH	UNITED STATES HIGHWAY
		EFF	EFFLUENT	INL	INLET	PT	POINT OF TANGENCY		
BC	BACK OF CURB	EL	ELEVATION	INSUL	INSULATION	PVC	POLYVINYL CHLORIDE	V	VALVE
BIT	BITUMINOUS	ELB	ELBOW	INV	INVERT	PVMT	PAVEMENT PERCENT	V&B	VALVE & BOX VARIABLE
BLDG	BUILDING	ELEC	ELECTRICAL	IP	IRON PIPE	%		VC	VERTICAL CURVE
BLK	BLOCK	EQ	EQUAL			QTY	QUANTITY	VERT	VERTICAL
BLVD	BOULEVARD	ER	END RADIUS BACK OF CURB	JT	JOINT				
BM	BENCHMARK	EW	EACH WAY	LC	LENGTH OF CURVE	RAD	RADIUS	W	WEST
BO	BREAKOFF	EX	EXISTING	LF	LINEAL FEET	RCP	REINFORCED CONCRETE PIPE	W/	WITH
BOW	BACK OF SIDEWALK	EXP	EXPANSION	LP	LIGHT POLE	RD	ROAD	W/O	WITHOUT
BTM	BOTTOM			LS	LUMP SUM	RDWY	ROADWAY	WM	WATER MAIN
B/L	BASELINE	FF	FINISHED FOOR	LT	LEFT	RED	REDUCER	WS	WATER SURFACE
C&G	CURB AND GUTTER	FD	FLOOR DRAIN			REF	REFERENCE	WTP	WATER TREATMENT PLANT
CB	CATCH BASIN	FDN	FOUNDATION	MAS	MASONRY	REQD	REQUIRED	WTR	WATER
CF	CUBIC FOOT	FERT	FERTILIZER	MAX	MAXIMUM	REV	REVISED	WWF	WELDED WIRE FABRIC
CI	CAST IRON	F-F	FACE TO FACE	MFG	MANUFACTURER	RR	RAILROAD	WWM	WOVEN WIRE MESH
CIP	CAST-IN-PLACE	FIN	FINISHED	MH	MANHOLE	RT	RIGHT	WWTP	WASTEWATER TREATMENT PLANT
C/L	CENTERLINE	FL	FLOWLINE	MIN	MINIMUM	RW	RIGHT OF WAY		
CHL	CHLORINE	FLG	FLANGED	MISC	MISCELLANEOUS	S	SOUTH		
CMP	CORRUGATED METAL PIPE	FM	FORCE MAIN	MJ	MECHANICAL JOINT	SAN	SANITARY		
CMU	CONCRETE MASONRY UNIT	FT (')	FOOT	MP	MID POINT	SAMH	SANITARY MANHOLE		
CO	CLEANOUT	FTG	FOOTING	MR	MID RADIUS BACK OF CURB	SCH	SCHEDULE		
CONC	CONCRETE	FV	FIELD VERIFY			SF	SQUARE FOOT		
COS	CENTER OF STRUCTURE	G	GAS	N	NORTH	SHT	SHEET		
CP	CONTROL POINT	GA	GAGE	NO #	NUMBER	SL	SLOPE		
CPLG	COUPLING	GALV	GALVANIZED	NOM	NOMINAL	SPEC	SPECIFICATION		
CPP	CORRUGATED POLYPROPYLENE PIPE	GAR	GARAGE	NPW	NON-POTABLE WATER	SQ	SQUARE		
CSP	CORRUGATED STEEL PIPE	GEN	GENERAL	NTS	NOT TO SCALE	SS	STAINLESS STEEL		
CTH	COUNTY TRUNK HIGHWAY	GRD	GRADE, GROUND			SSMH	STORM SEWER MANHOLE		
CULV	CULVERT	GV	GATE VALVE	OC	ON CENTER	ST	STREET		
CV	CHECK VALVE	GRAV	GRAVEL	OD	OUTSIDE DIAMETER	STD	STANDARD		
CW	COLD WATER	GW	GROUNDWATER	OH	OVERHEAD	STH	STATE TRUNK HIGHWAY		
CY	CUBIC YARD					STL	STEEL		
DEG °	DEGREE					STM	STORM		
						SW	SIDEWALK		
						SY	SQUARE YARD		

GENERAL PROJECT NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING PROPERTY IRONS. PROPERTY IRONS REMOVED OR DISTURBED DURING CONSTRUCTION SHALL BE RE-ESTABLISHED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING ASPHALT OR CONCRETE ON STREETS OUTSIDE OF PROPOSED SAW CUTS. ANY DAMAGE DURING CONSTRUCTION UNDER THIS CONTRACT SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND LICENSES NOT ACQUIRED BY THE OWNER BEFORE STARTING CONSTRUCTION. A COPY OF WHICH SHALL BE PROVIDED TO THE ENGINEER IF REQUESTED. ALL SUCH PERMIT AND LICENSE FEES SHALL BE THE SOLE EXPENSE OF THE CONTRACTOR.
- NO TREES OR SHRUBS WILL BE REMOVED WITHOUT THE APPROVAL OF THE A/E OR OWNER.
- ASPHALT OR CONCRETE ROADWAY AND DRIVEWAYS AND CONCRETE CURB & GUTTER SHALL BE SAW CUT PRIOR TO RESTORATION. SAW CUTTING SHALL BE INCIDENTAL TO CONSTRUCTION.
- LOCATION OF EXISTING UTILITIES MAY VARY FROM THAT SHOWN ON THE PLANS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES TO AVOID POTENTIAL CONFLICTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING UTILITIES AND APPURTENANCES NOT SHOWN TO BE REPLACED. TEMPORARY REMOVAL AND ANY DAMAGE DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

EROSION CONTROL NOTES

- CONTRACTOR SHALL PROVIDE RUNOFF BARRIERS PRIOR TO RAIN EVENTS TO PREVENT ROADWAY WASH OUT. INLET PROTECTION SHALL BE PLACED AT ALL INLETS THAT WILL RECEIVE RUNOFF FROM DISTURBED AREAS.
- CONTRACTOR SHALL PROVIDE TRACKING PAD AT MAIN ENTRANCE AND/OR EXIT POINTS FOR THE PROJECT
- INSTALL INLET PROTECTION AND OTHER EROSION CONTROL PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION UNTIL THE SITE IS STABILIZED BY VEGETATION OR OTHER APPROVED MEASURES.
- EROSION CONTROL DEVICES DESTROYED OR DAMAGED SHALL BE REPAIRED BY THE END OF THE WORK DAY.
- INSPECT ALL EROSION CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER ANY RAINFALL OF 0.5-INCHES OR MORE AND MAKE NEEDED REPAIRS. RECORD INSPECTIONS AS SPECIFIED.
- OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES, INCLUDING SOIL TRACKED BY CONSTRUCTION TRAFFIC, SHALL AT A MINIMUM, BE CLEANED BY THE END OF EACH WORK DAY. EXCESSIVE AMOUNTS OF SEDIMENT OR DEBRIS TRACKED ONTO ADJACENT STREETS SHALL BE CLEANED IMMEDIATELY. FINE SEDIMENT ACCUMULATIONS SHALL BE CLEANED FROM ADJACENT STREETS BY THE USE OF MECHANICAL OR MANUAL SWEEPING OPERATIONS ONCE A WEEK AT A MINIMUM AND BEFORE IMMINENT RAIN EVENTS.
- DISTURBED GROUND OUTSIDE OF THE EVERYDAY CONSTRUCTION AREA, INCLUDING SOIL STOCKPILES LEFT INACTIVE FOR MORE THAN 10 DAYS, SHALL AT A MINIMUM BE TEMPORARILY STABILIZED BY SEEDING/MULCHING OR OTHER METHODS APPROVED BY THE ENGINEER. SILT FENCE SHALL BE PLACED AROUND ALL SOIL STOCK PILES.
- DRAWINGS SHOW GENERAL LOCATIONS OF EROSION CONTROL DEVICES AND SIGNS. ACTUAL LOCATIONS MAY VARY AS DETERMINED BY ENGINEER IN THE FIELD.

DES BY	RF	PROJ NO	25-0406.01						
DR BY	JWS	DATE	APRIL 2025	NO	DATE	REVISION	NO	DATE	REVISION
CHK BY	BMG								

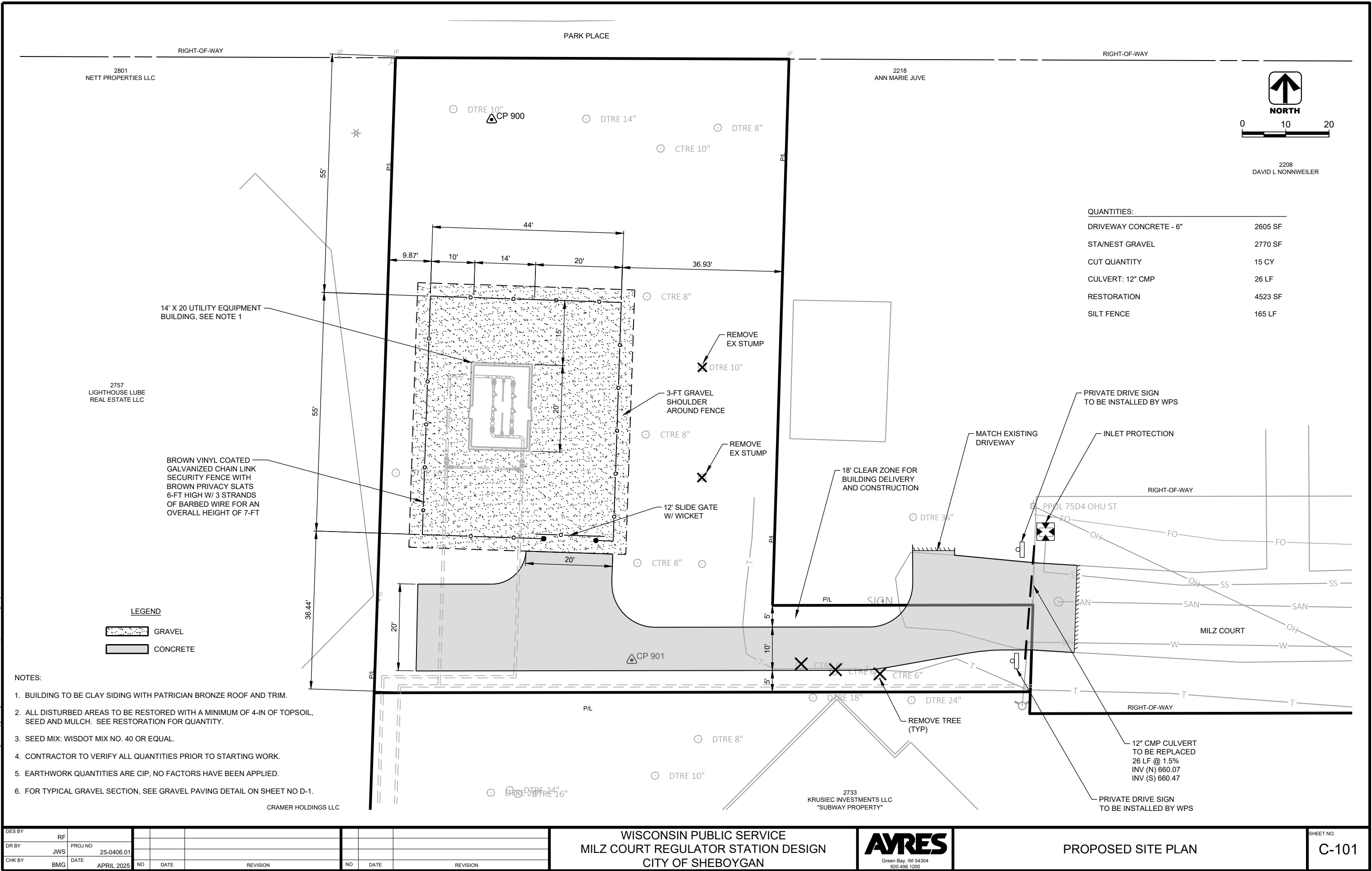
WISCONSIN PUBLIC SERVICE
MILZ COURT REGULATOR STATION DESIGN
CITY OF SHEBOYGAN

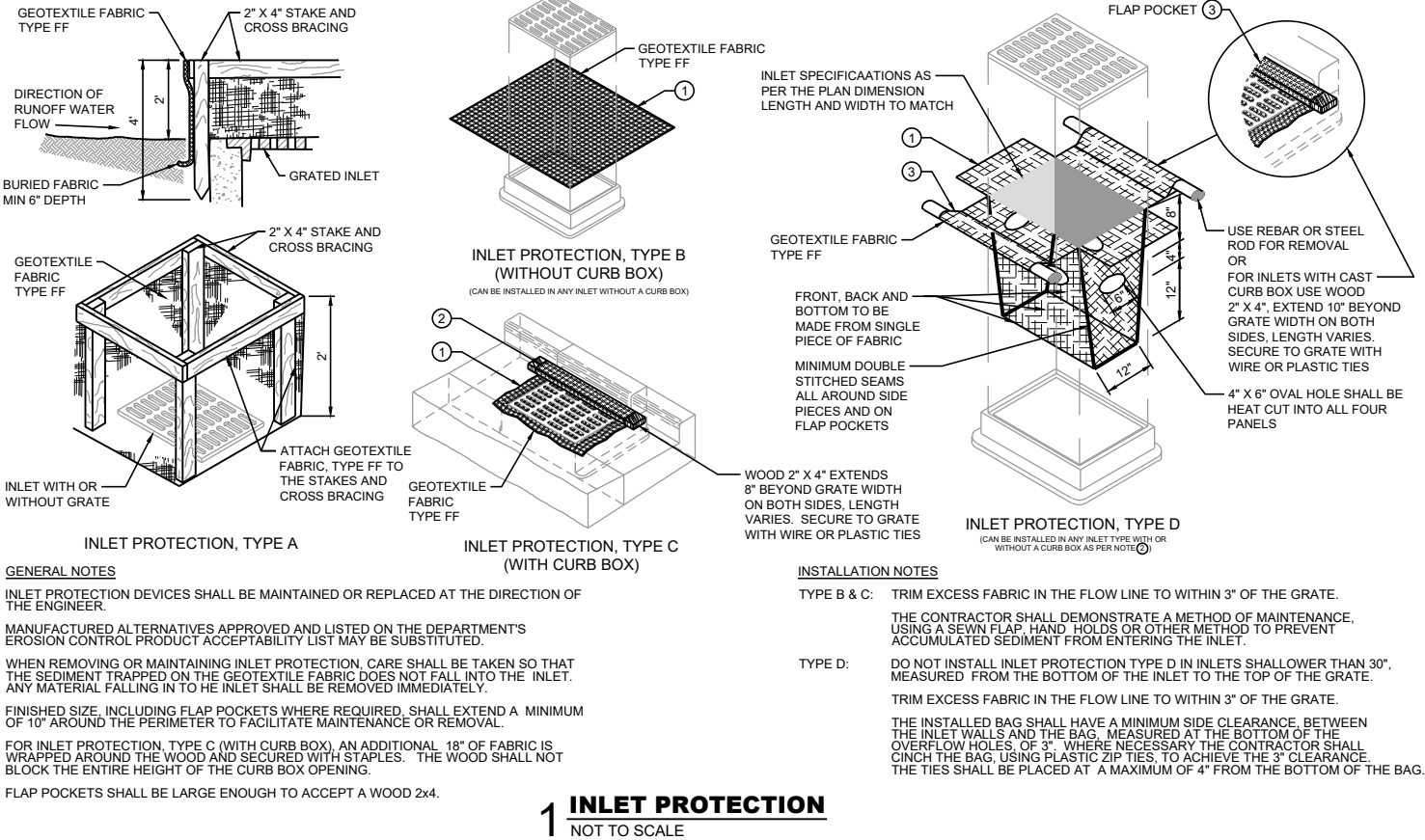


GENERAL SYMBOLS AND ABBREVIATIONS

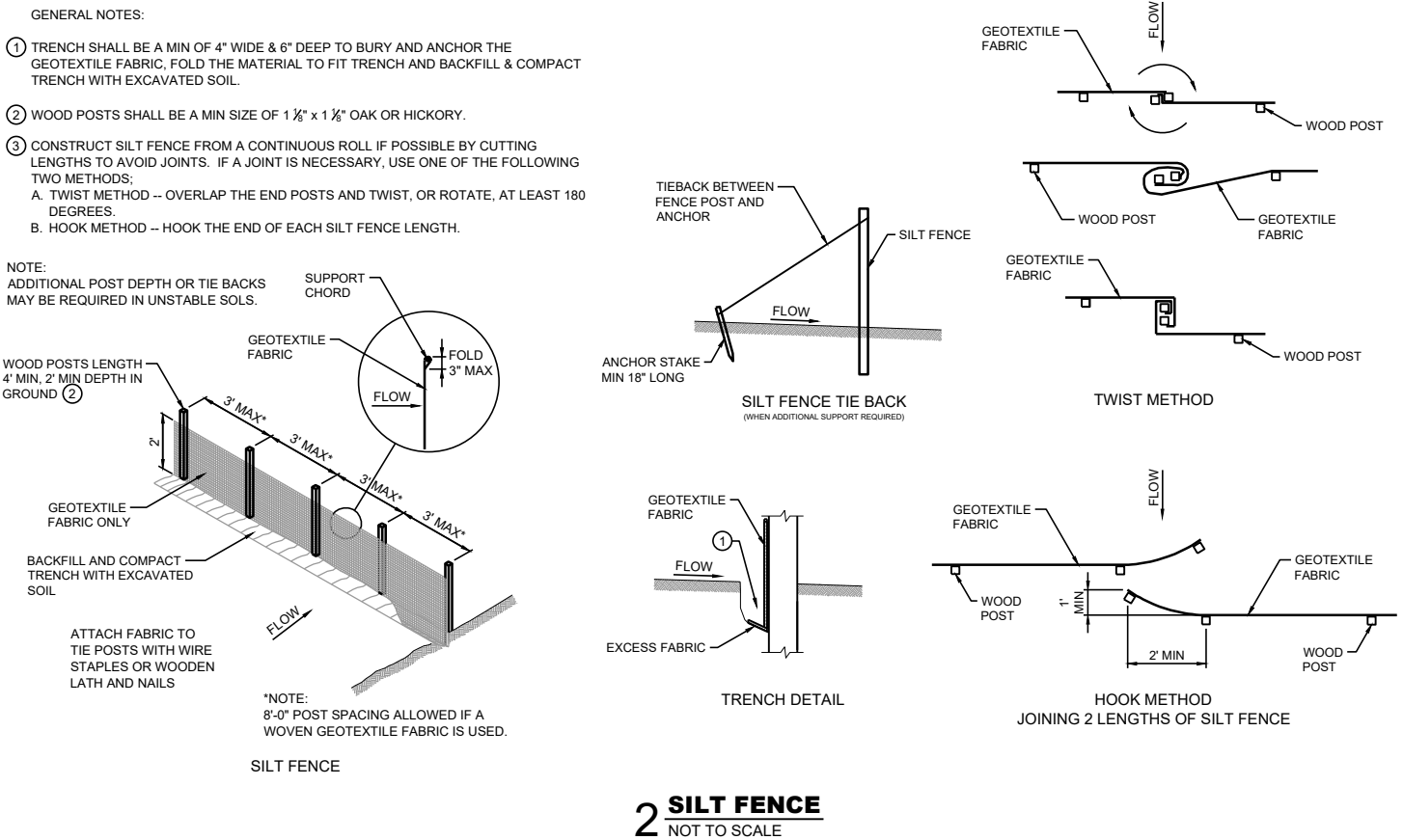
SHEET NO.
G-2

AA-Standard.sab
4/10/2025
I:\25\Wisconsin Public Service\25-0406 01 WPS Site Design\Sheboygan Regulator Station\CSD\Sheets\Prop Site Plan.dwg, Layout, Exhibit

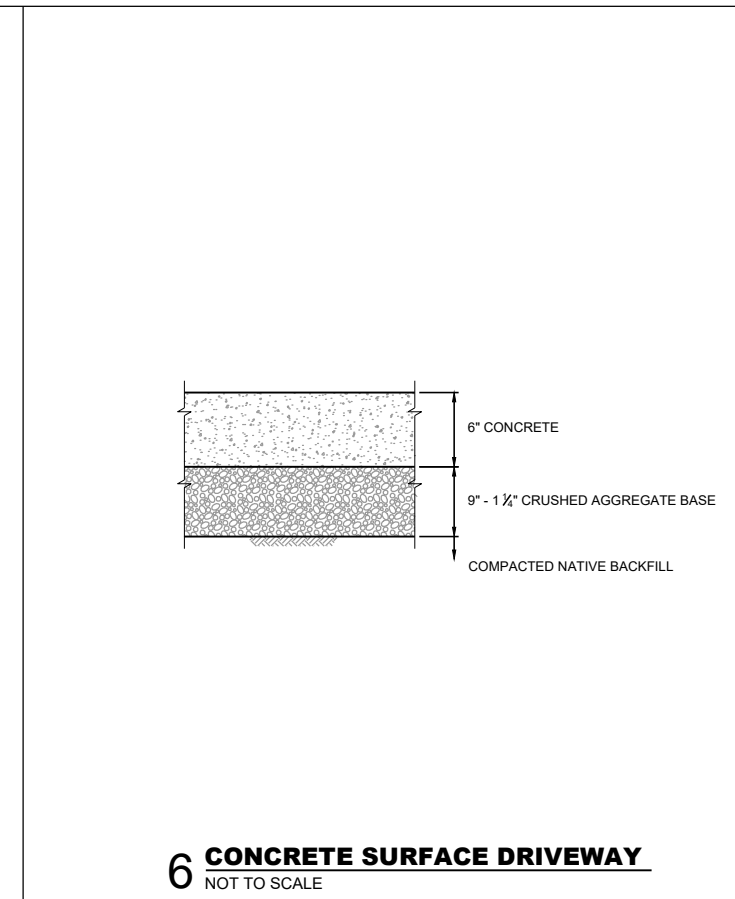
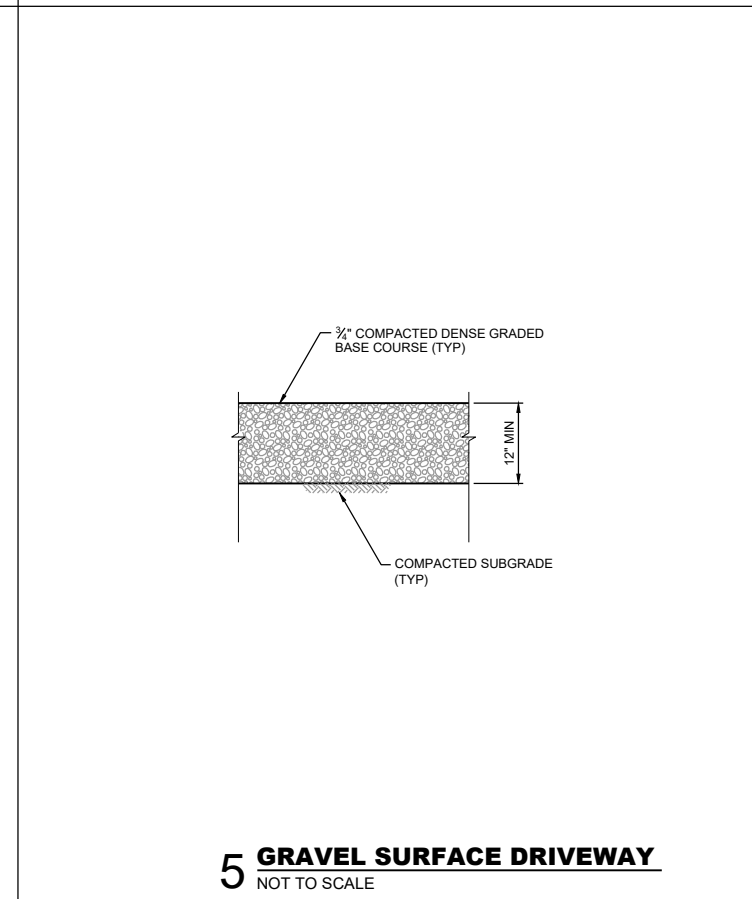
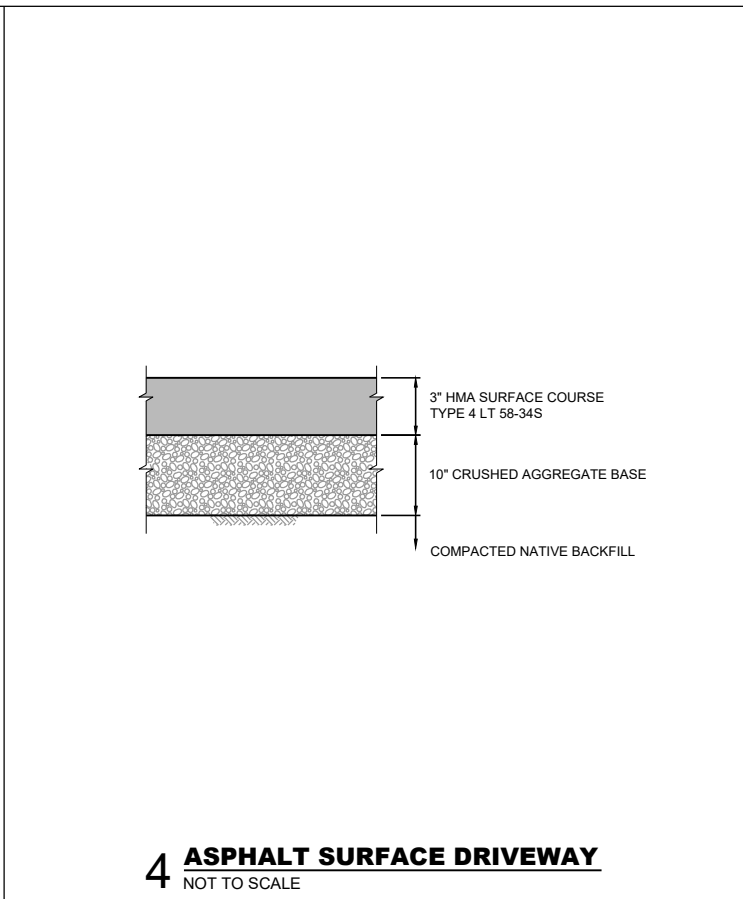
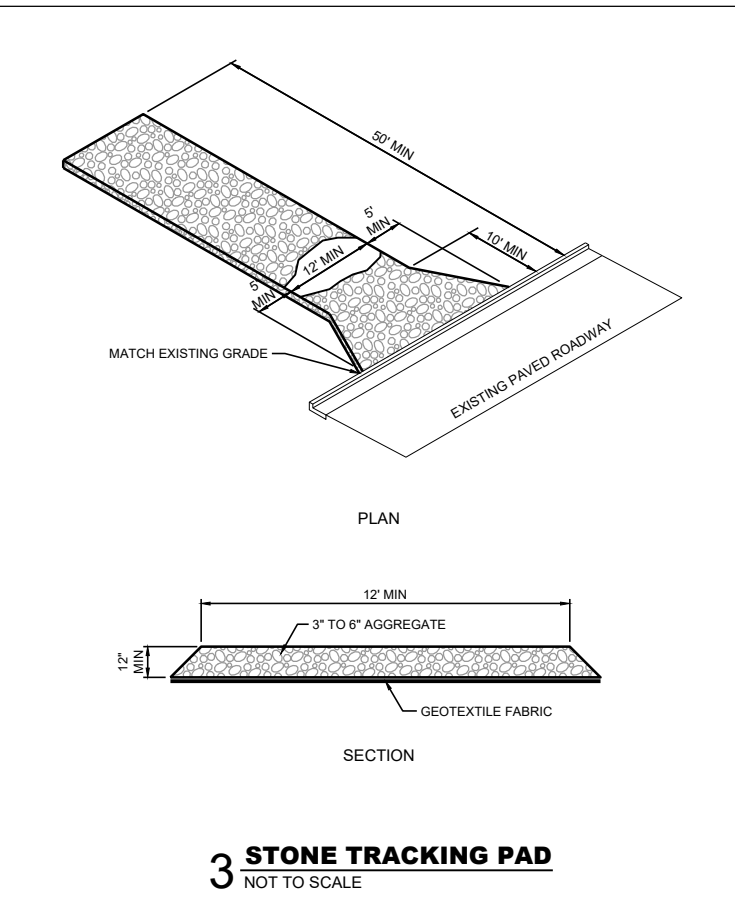




1 INLET PROTECTION
NOT TO SCALE



2 SILT FENCE
NOT TO SCALE



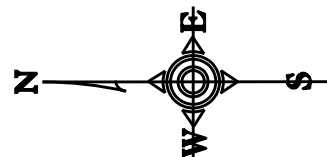
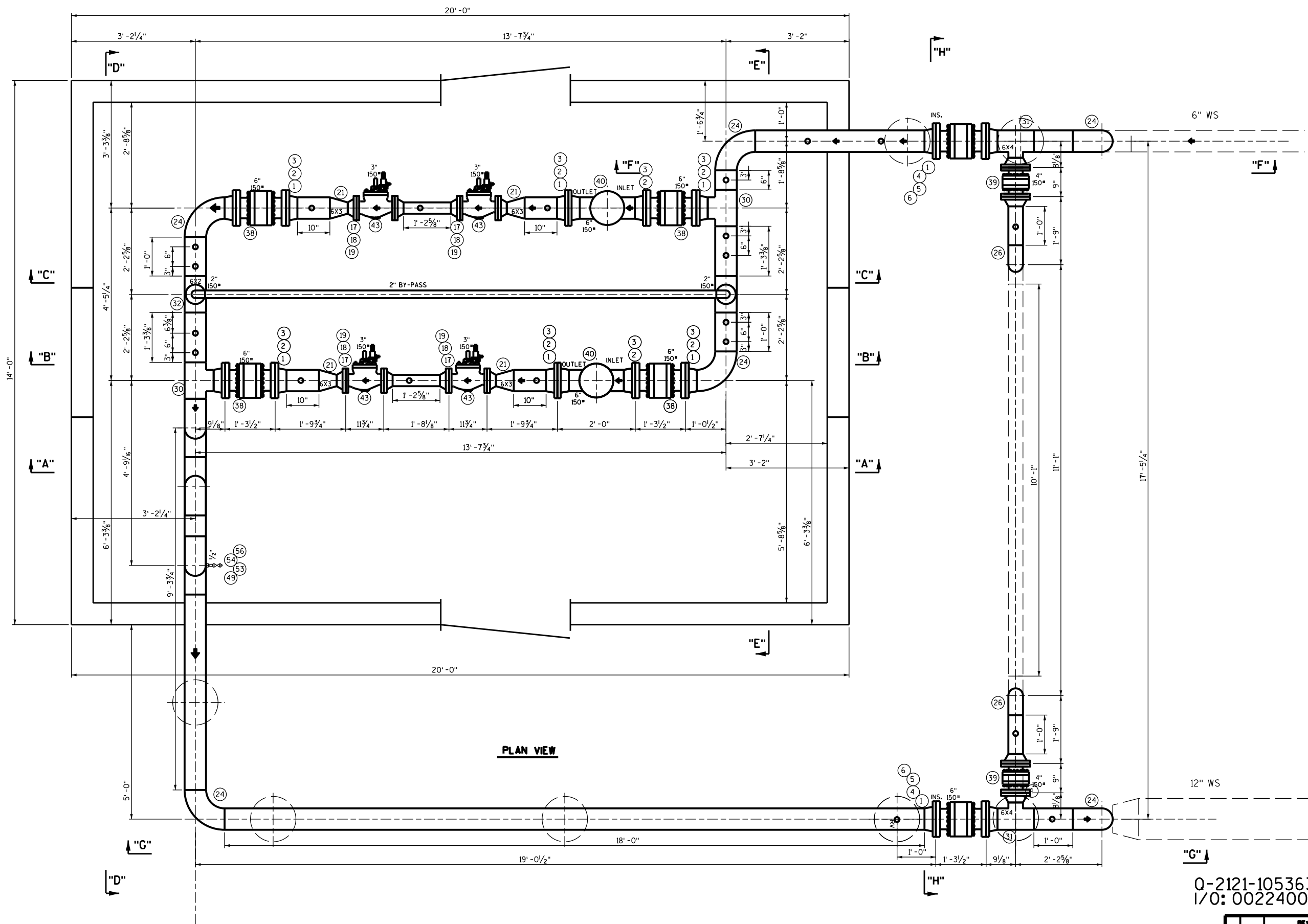
AA-Standard.sbb
4/10/2025
I:\25\Wisconsin Public Service\25-0406 01 WPS Site Design-Sheboygan Regulator Station\CSD\Sheets\7-Gen Details.dwg, Layout: D-1

DES BY	RF	PROJ NO	25-0406.01						
DR BY	JWS	DATE	APRIL 2025	NO	DATE		REVISION	NO	DATE
CHK BY	BMG								

WISCONSIN PUBLIC SERVICE
MILZ COURT REGULATOR STATION DESIGN
CITY OF SHEBOYGAN



GENERAL DETAILS
SHEET NO. D-1



Q-2121-105363-C90
I/O: 0022400148GC

03/28/2025

**WISCONSIN PUBLIC
SERVICE CORP.**

PIPING SECTIONS AND DETAILS

MILZ CT DRS

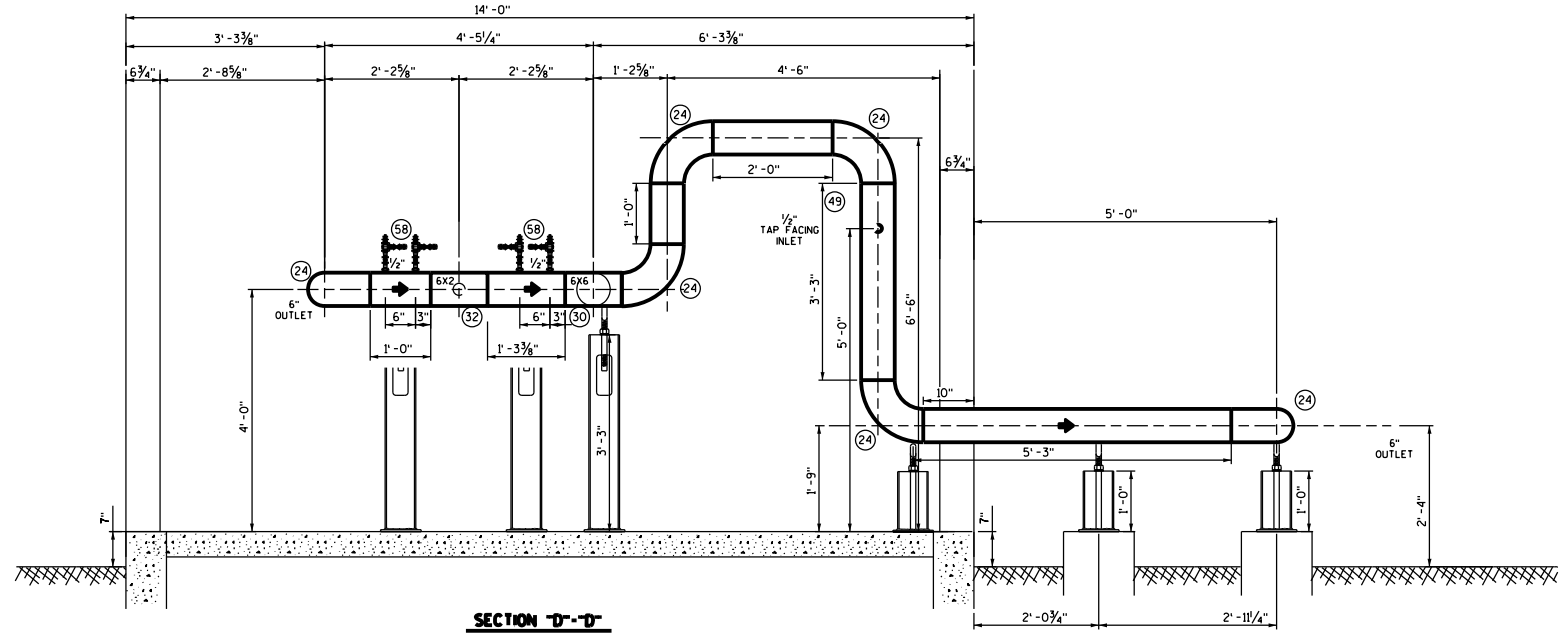
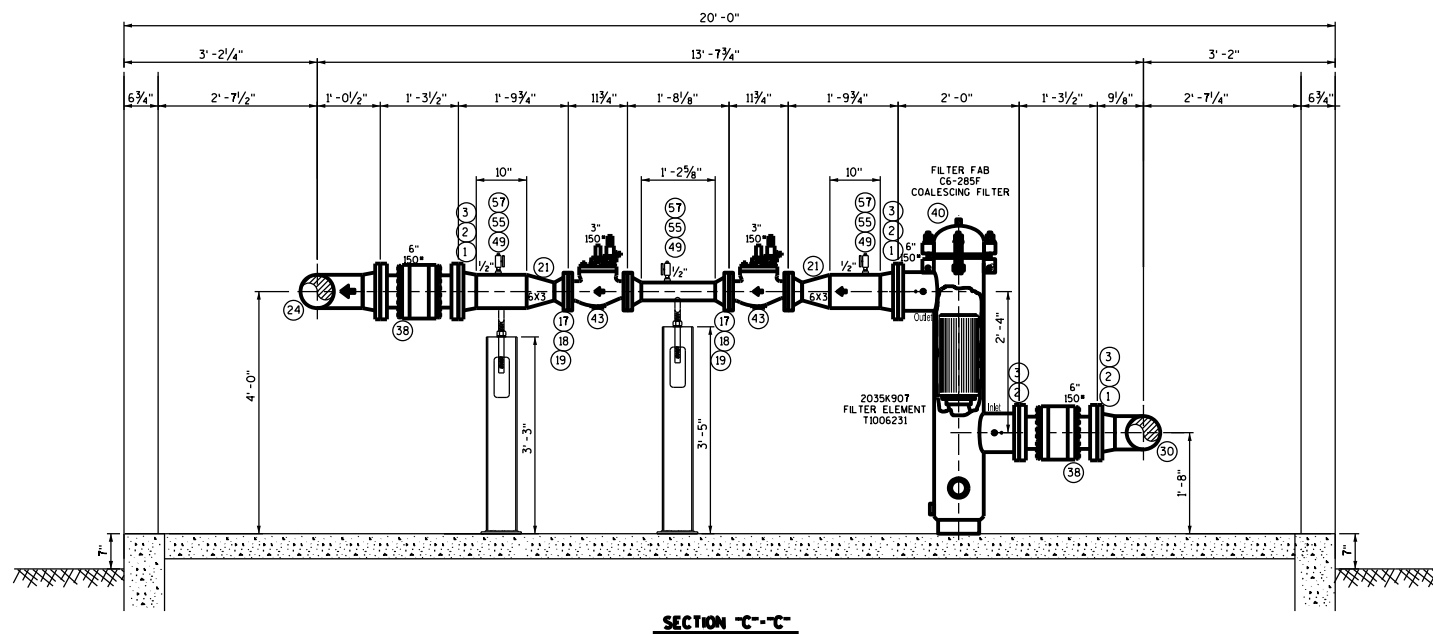
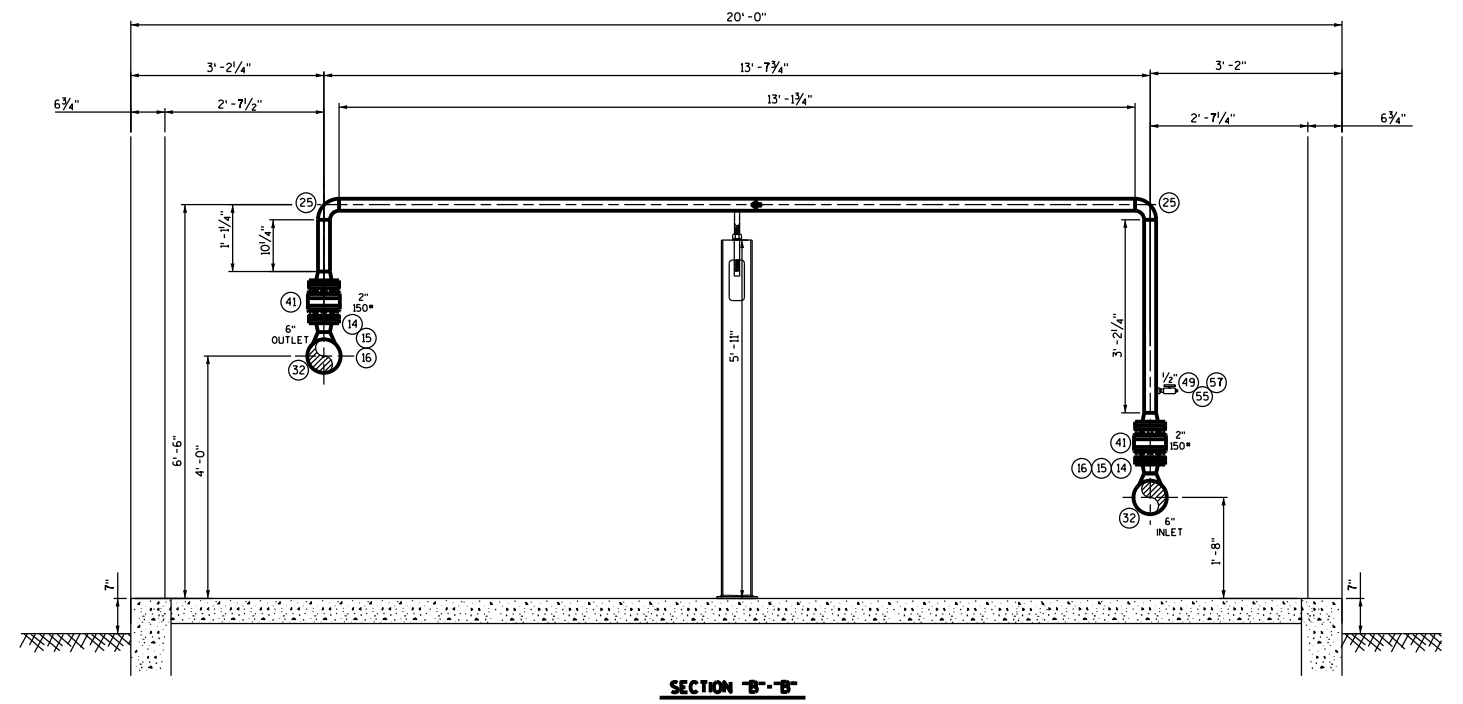
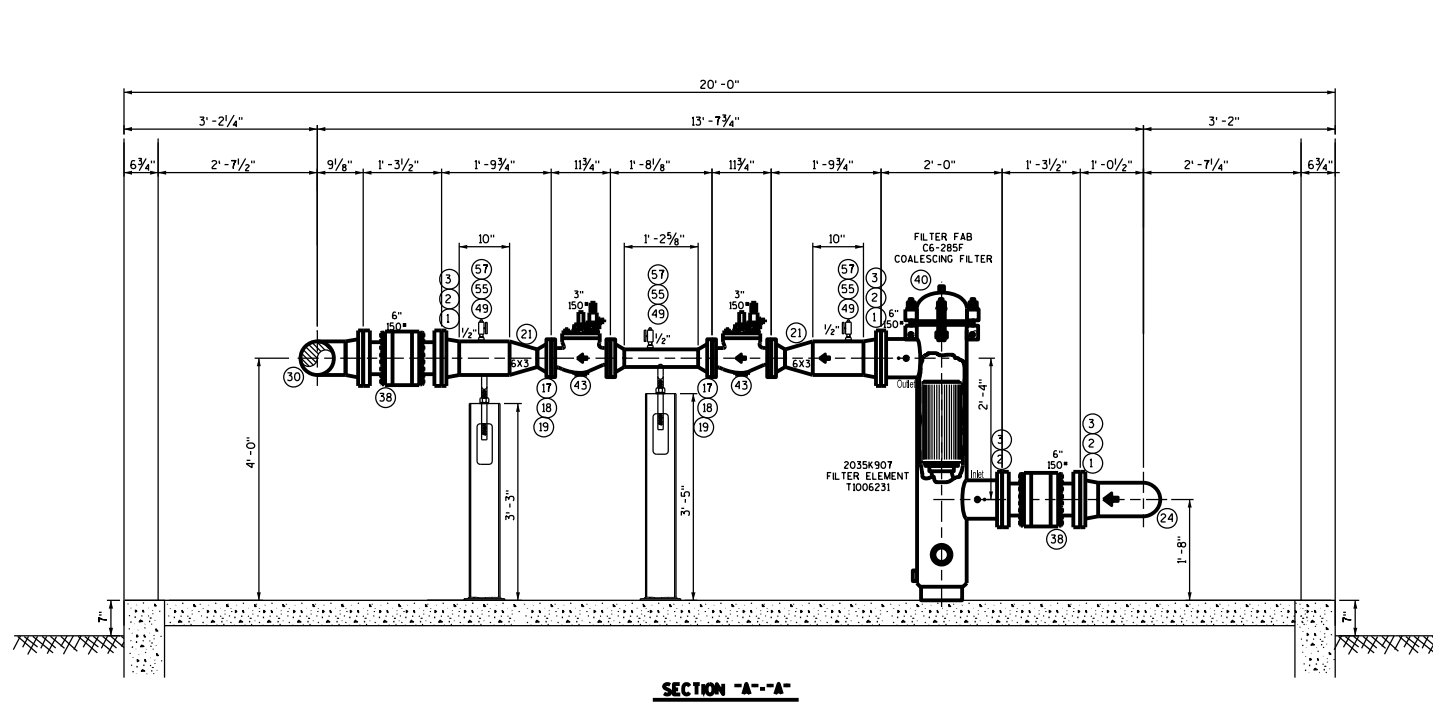
SHEBOYGAN, WISCONSIN

SCALE: NONE DATE: 01-18-2025

DRAWN BY: S.M.D. CHECKED BY: S.M.P.

DESIGNED BY: S.M.D. DATE: 01-18-2025

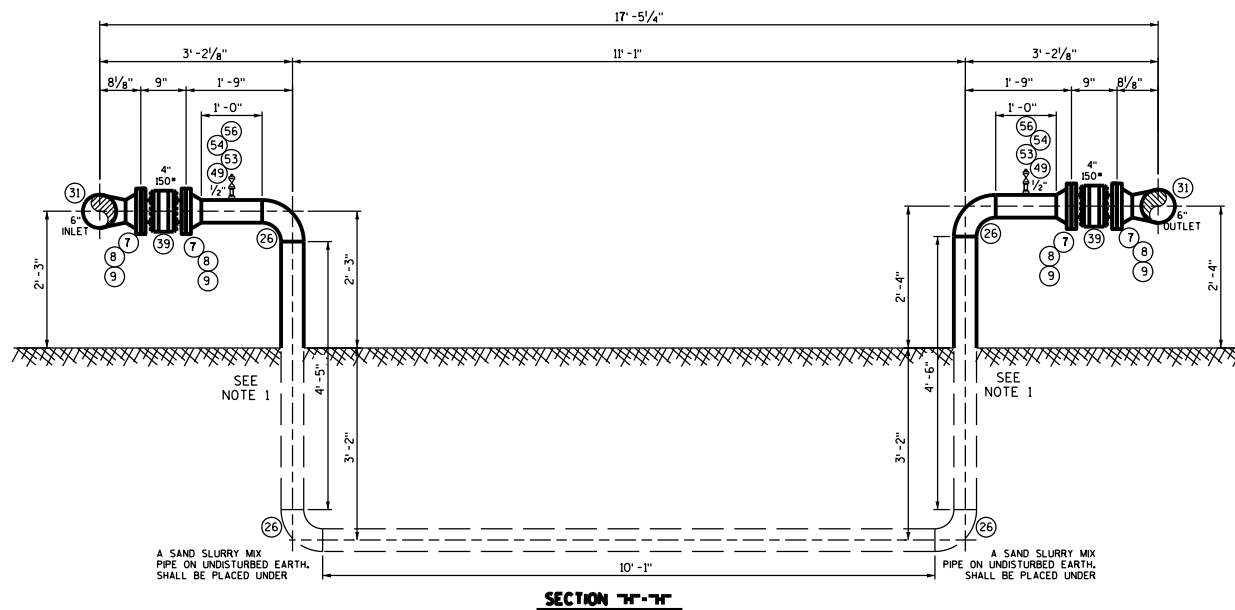
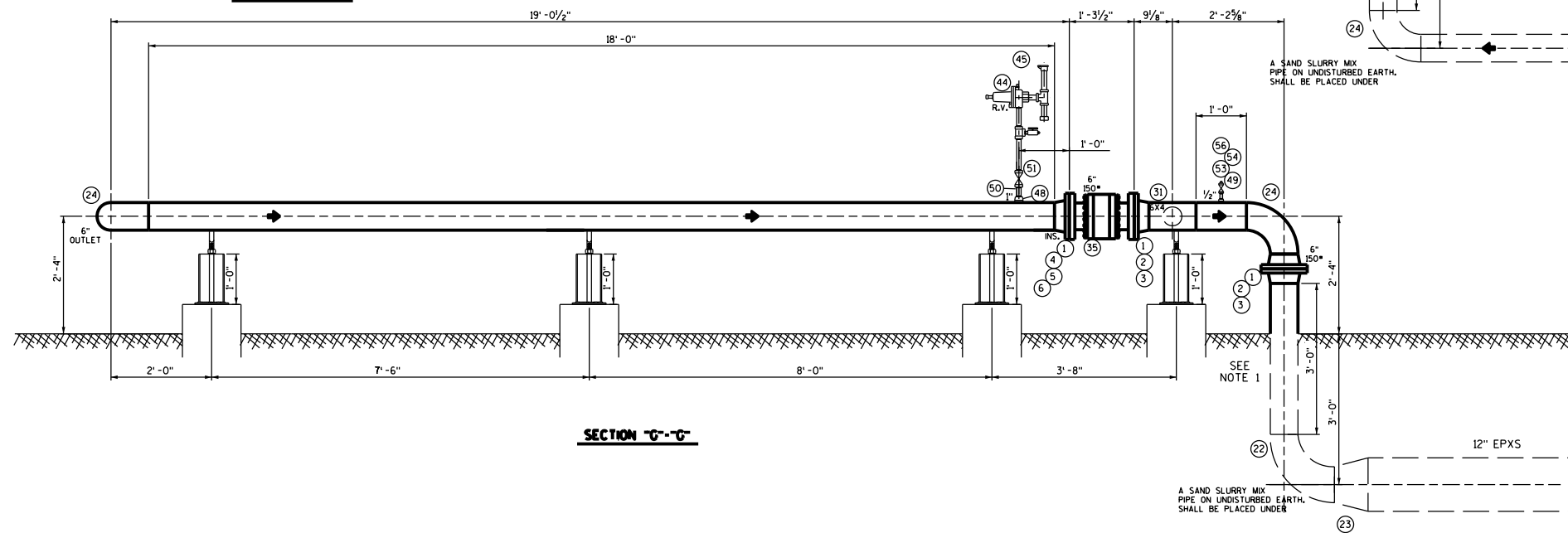
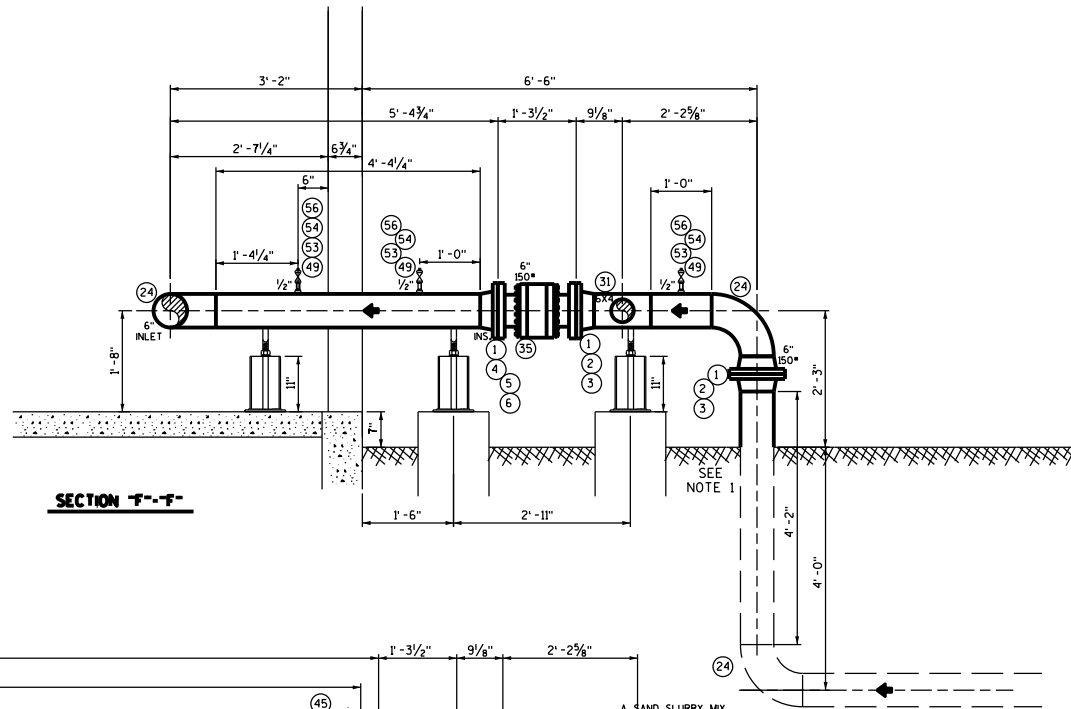
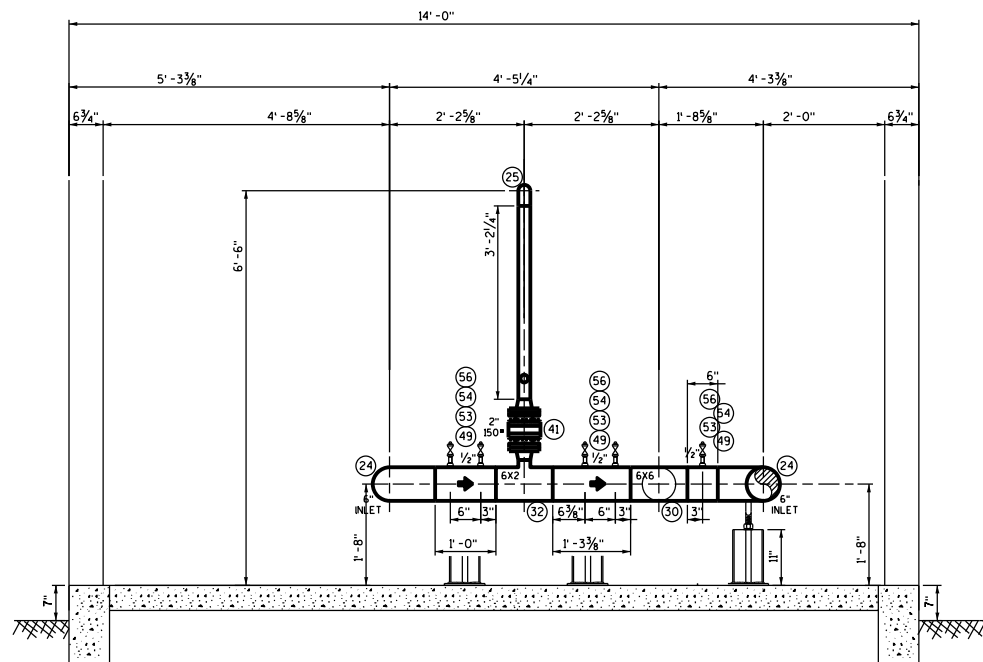
BY: S.M.D. R-532 PAGE 2 OF 7



0-2121-105363-C90
I/O: 0022400148GC

03/28/2025

WISCONSIN PUBLIC SERVICE CORP.			
PIPING SECTIONS AND DETAILS			
MILZ CT DRS			
SHEBOYGAN,		WISCONSIN	
SCALE	NONE	DATE	01-18-2025
DRAWN BY	W-L	CHECKED BY	CJP
DESIGNED BY		APPROVED BY	CJP
Dwg. No.		R-532	
		PAGE 3 OF 7	



BILL OF MATERIALS

ITEM NO.	QTY	SIZE	DESCRIPTION	CODE NO.
(1)	16	6"	150# WELD FLANGE W.N., R.F.	T1200422
(2)	14	6" X 8 3/4"	NON-ASBESTOS RING GASKET	T1008606
(3)	112	3/4" X 4"	BOLT STUDS	T1008802
(4)	2	6"	INSULATING SLEEVE KIT	T1234086
(5)	2	6"	FULL FACE INSULATING GASKET	T1232896
(6)	16	3/4" X 4 1/2"	BOLT STUDS	T1008803
(7)	4	4"	150# WELD FLANGE W.N., R.F.	T1200420
(8)	4	4" X 6 7/8"	NON-ASBESTOS RING GASKET	T1008605
(9)	32	5/8" X 3 3/4"	BOLT STUDS	T1230430
(10)	0	4"	FULL FACE INSULATING GASKET	T1232891
(11)	0	4"	INSULATING SLEEVE KIT	T1234081
(12)	0	5/8" X 4 1/4"	BOLT STUDS	T1230431
(13)				
(14)	4	2"	150# WELD FLANGE W.N., R.F.	T1200415
(15)	4	2" X 4 1/2"	NON-ASBESTOS RING GASKET	T1008604
(16)	16	3/4" X 3/4"	BOLT STUDS	T1008800
(17)	8	3"	150# WELD FLANGE W.N., R.F.	T1200418
(18)	8	3" X 5 3/8"	NON-ASBESTOS RING GASKET	T1008608
(19)	32	5/8" X 3 3/4"	BOLT STUDS	T1008801
(20)				
(21)	4	6" X 3"	STD WELD REDUCER - CONC.	T1233644
(22)	1	8" X 6"	STD. WELD RED. ELBOW 8X6, 90, LR	T1232517
(23)	1	12" X 8"	STD WELD REDUCER - CONC.	T1233647
(24)	10	6"	STD WELD ELBOW - 90°, L.R.	T1232485
(25)	2	2"	EX-HVY WELD ELBOW - 90°, L.R.	T1205762
(26)	4	4"	STD WELD ELBOW - 90°, L.R.	T1232478
(27)				
(28)				
(29)	1	12"X12"X12"	STD WELD TEE	T1234928
(30)	2	6"X6"X6"	STD WELD TEE	197038
(31)	2	6"X6"X4"	STD WELD TEE - REDUCING BRANCH	T1200155
(32)	2	6"X6"X2"	STD WELD TEE - REDUCING BRANCH	T1234920
(33)				
(34)				
(35)	2	6"	STD WELD CAP	T1230699
(36)	1	12"	STD WELD CAP	T1230702
(37)				
(38)	6	6"	150# FLG. BODY BALL VALVE, W/OPERATOR, STD LENGTH 15.5"	P.O.
(39)	2	4"	150# FLG. BODY BALL VALVE	T1201505
(40)	2	6"	6"-150# FILTERFAB - C6-285F, 2035K907 ELEM.	P.O.
(41)	2	2"	150# FLG. BODY BALL VALVE	T1235110
(42)				
(43)	4	3"	3" - 150# FISHER EZR REGULATOR	T1209003
(44)	1	1"	FISHER 289-HH RELIEF VALVE	T1235380
(45)	1	1"	EG WEATHER CAP	T1235516
(46)				
(47)	0	1/2"	ELBOLET, THREADED	T1232578
(48)	1	1"	THREDOLET	T1234970
(49)	26	1/2"	THREDOLET	T1234974
(50)	4	1" X 3"	HVY PIPE NIPPLE	143784
(51)	1	1"	BALL VALVE	335121
(52)	0	1"	BULL PLUG	T1233506
(53)	18	1/2"	BALL VALVE	T1235476
(54)	18	1/2" X 3"	HVY STATION NIPPLE	T1233235
(55)	10	1/2" X 1/4"	NEEDLE VALVE	T1235472
(56)	18	1/2"	BULL PLUG	T1233502
(57)	10	1/4"	BULL PLUG	T1233500
	10	1/2" X 2"	HEAVY STATION NIPPLE - SEAMLESS	T1233234
	4	1/2"	HEAVY BALL VALVE	T1235476
	10	1/2"	HEAVY STATION TEE	149407

PIPING

12" PIPE - X52,API-5L PSL-2, ASTM A106 .250 WALL

- 133126

NOTE 1:

ALL RISERS SHALL BE WRAPPED IN SHOP WITH SYNTHOGLASS WRAP AT APPROXIMATE GROUND INTERFACE PRIOR TO BEING SENT TO PAINT SHOP.

03/24/2025

0-2121-105363-C90
I/O: 0022400148GC

WISCONSIN PUBLIC SERVICE CORP.

PIPING SECTIONS AND B.O.M.

MILZ CT ORS

SHEBOYGAN,

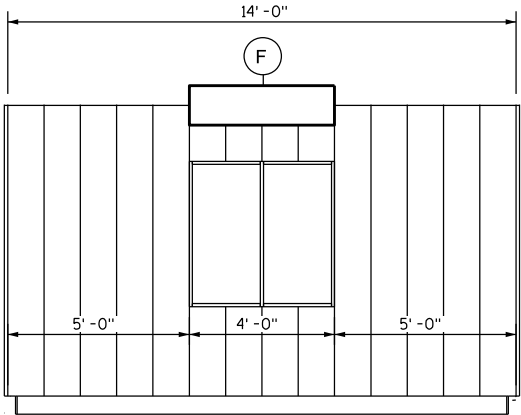
WISCONSIN

SCALE	NAME	DATE	01-18-2025
DESIGNED BY	SP-LO	CHECKED BY	CJP
TRACED BY	APR T 8 97		CJP

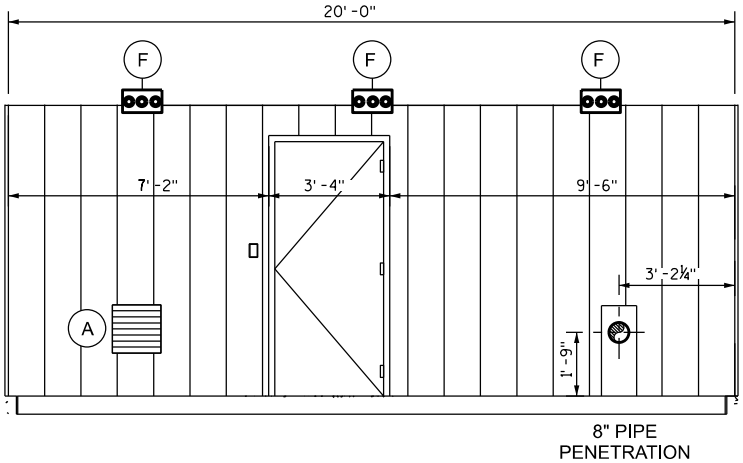
R-532

PAGE 4 OF 7

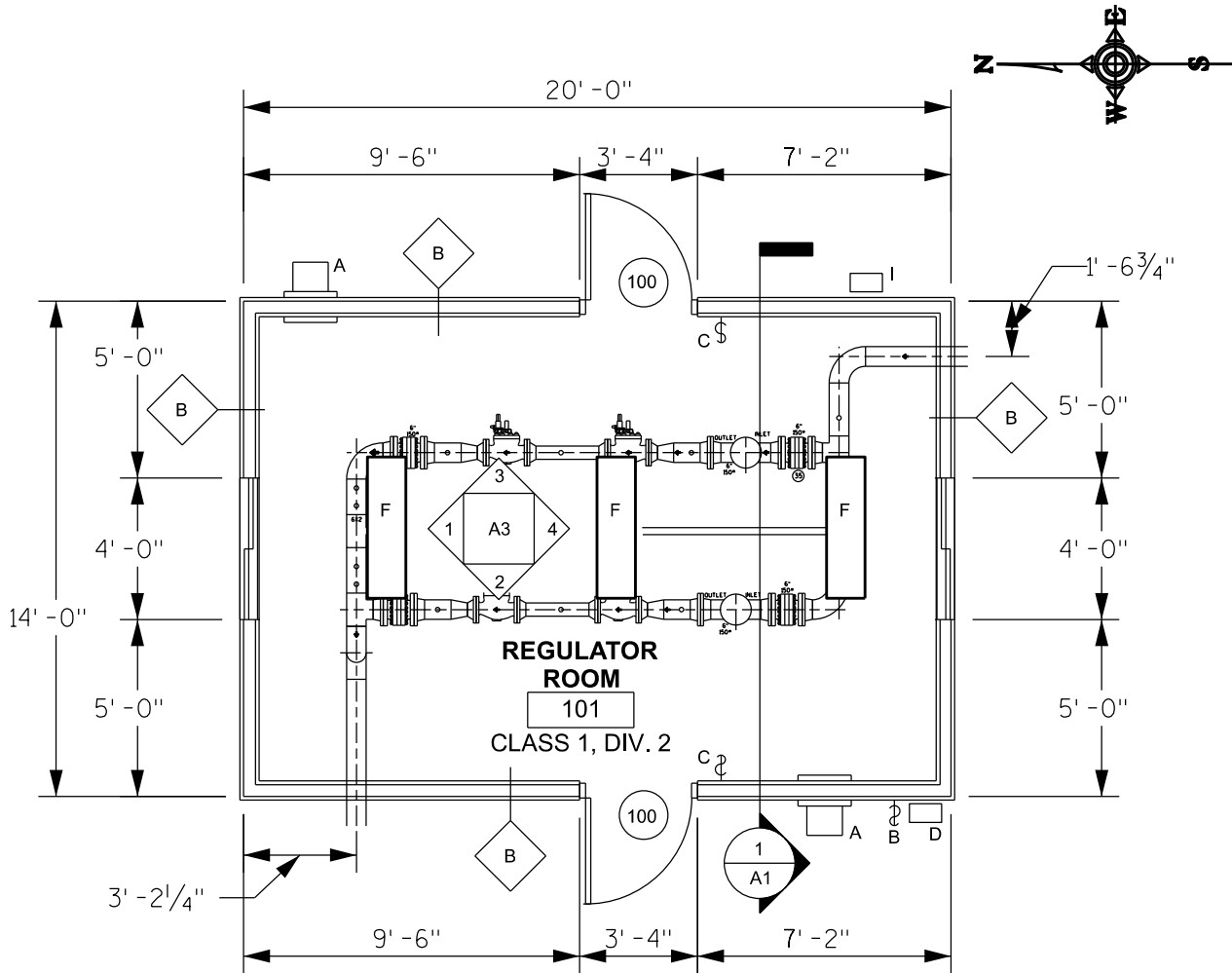
EQUIPMENT SCHEDULE		
MARK	QTY.	DESCRIPTION
A	2	ADJUSTABLE LOUVER W/FILTER & FILTER RACK AND OUTSIDE HOOD, 18" X 18"
B	1	SWITCH, WEATHER PROOF, SINGLE POLE, 20A
C	2	SWITCH, HAZARDOUS, THREE-WAY, 20A
D	1	EXTERIOR LIGHT FIXTURE, 100W, WALL PACK W/FULL CUT OFF, DUSK TO DAWN
F	3	LIGHT FIXTURE, HAZARDOUS, FLORESCENT W/HOOD AND GUARD, 3 LAMP, 4' LONG, LDPI OR SIMILAR
I	1	HAZARDOUS LOCATION JUNCTION BOX OR CONDUIT BOX



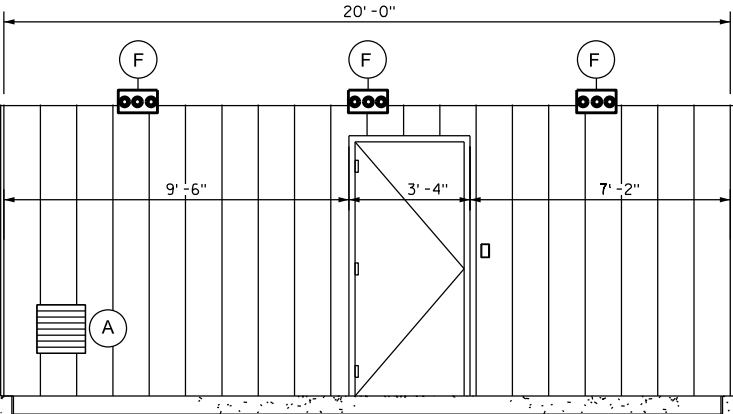
(1) REG ELEVATION N



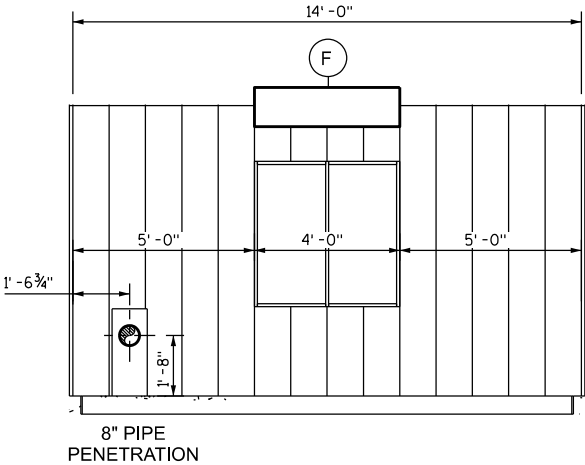
(2) REG ELEVATION W



FLOOR PLAN



(3) REG ELEVATION E



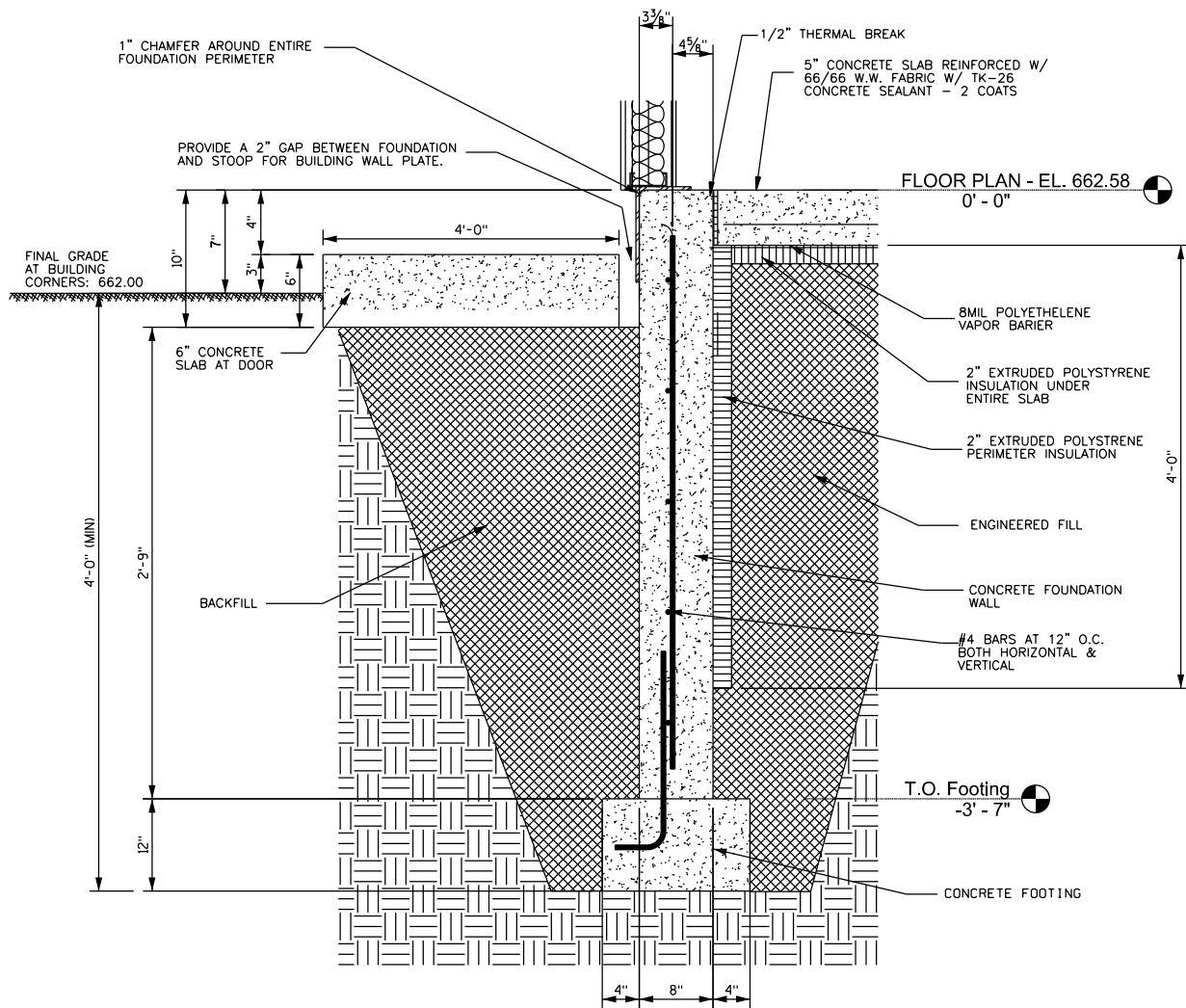
(4) REG ELEVATION S

01/16/2025

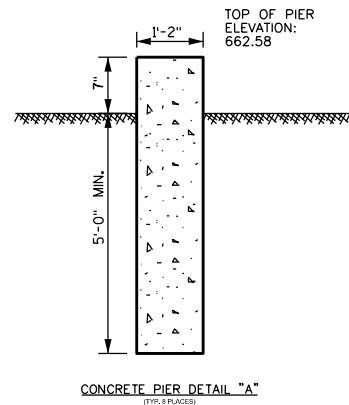
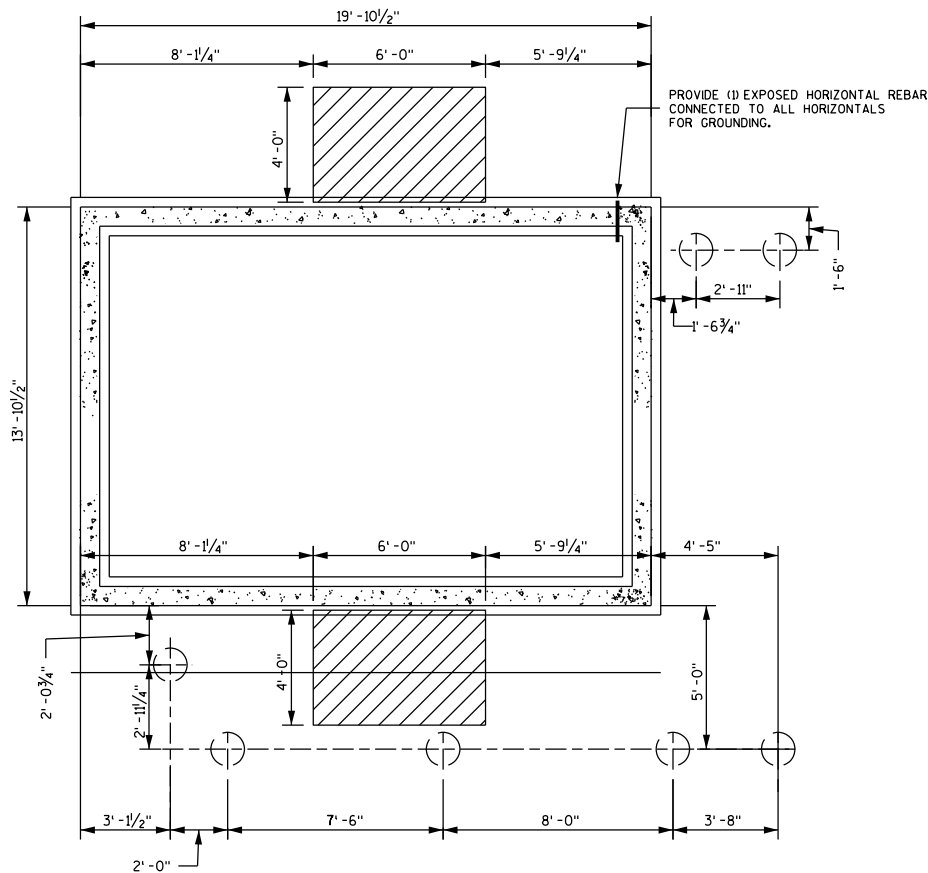
0-2121-105363-C90
I/O: 0022400148GC

REVISIONS	
NO.	DESCRIPTION
1	

WISCONSIN PUBLIC SERVICE CORP.	
REGULATOR BUILDING AND FOUNDATION DETAILS	
MLZ CT DRS	
SHEBOYGAN, WISCONSIN	
SCALE	DATE 01-16-2025
DRAWN BY SLO	CHECKED BY CP
TRACED BY	APPROVED BY
DOC. NO. R-532	PG 6 OF 7



(1) TYPICAL FOUNDATION DETAIL—
REGULATOR BUILDING



REGULATOR BUILDING
FOUNDATION PLAN

GENERAL NOTES:

- ALL WORK OF ALL TRADES SHALL BE COMPLETED IN ACCORDANCE WITH THE WISCONSIN ENROLLED COMMERCIAL CODE.
- THE CONTRACTOR SHALL BE FAMILIAR WITH ALL ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS TO VERIFY THE LOCATION AND DIMENSIONS OF CHASES, INSERTS, OPENINGS, SLEEVES, REGLETS, DEPRESSIONS AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON THE DRAWINGS.
- OPENINGS SHOWN ON THE STRUCTURAL DRAWINGS SHALL NOT BE REVISED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER/ARCHITECT.
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCISE.
- THE TYPICAL DETAILS SHOWN ON THE DRAWINGS SHALL BE APPLICABLE TO ALL PARTS OF THE CONTRACT DRAWINGS UNLESS SPECIFICALLY NOTED OTHERWISE

FOUNDATION NOTES:

- ALL FOUNDATIONS SHALL BE SUPPORTED ON APPROVED EXISTING SUBGRADE OR APPROVED COMPACTED STRUCTURAL FILL HAVING AN ALLOWABLE BEARING CAPACITY OF 1500 PSF (ASSUMED)(MINIMUM).
- ALL EXTERIOR AND INTERIOR FOUNDATIONS SHALL BEAR ON APPROVED SUBGRADE AT A MINIMUM DEPTH OF 5'-10" BELOW FINISH EXTERIOR GRADE.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORTS AS REQUIRED TO PREVENT HORIZONTAL MOVEMENT OR VERTICAL SETTLEMENT WHICH WILL ENDANGER ADJACENT STRUCTURES, STREETS OR UTILITIES.
- THE CONTRACTOR SHALL PROVIDE CONTROL OF SURFACE AND SUBSURFACE AND SUBSURFACE WATER PROMPTLY TO INSURE THAT ALL FOUNDATION WORK IS DONE IN THE DRY.
- FOUNDATION(S) SHALL NOT BE PLACED ON FROZEN SUBGRADE.
- PROTECT IN-PLACE FOUNDATIONS AND SLABS-ON-GRADE FROM FROST PENETRATION UNTIL THE PROJECT IS COMPLETE.
- FOOTING ELEVATIONS SHOWN ON THE DRAWINGS REPRESENT ESTIMATED DEPTHS AND ARE NOT TO BE CONSTRUED AS LIMITING THE AMOUNT OF EXCAVATION REQUIRED TO REACH SUITABLE BEARING MATERIAL.
- FOUNDATION WALLS SHALL BE BRACED DURING BACKFILLING AND COMPACTION OPERATIONS. BRACING SHALL BE LEFT IN POSITION UNTIL PERMANENT STRUCTURAL SUPPORT SYSTEMS ARE INSTALLED AND APPROVED BY THE ENGINEER.
- BACKFILLING SHALL BE DONE SIMULTANEOUSLY ON BOTH SIDES OF WALLS.

CONCRETE NOTES:

- CONCRETE SHALL HAVE A MINIMUM 28-DAY ULTIMATE COMPRESSIVE STRENGTH OF 3000-4000 PSI, TYPICALLY 6 BAGS COMMERCIAL- READY MIX CONCRETE.
- SLAB TOLERANCE FOR BOTH LENGTH AND WIDTH: PLUS & MINUS 1/4".
- MEASURED DIAGONAL LENGTHS SHALL BE WITHIN 1/2" OF EACH OTHER.
- VARIATION FROM LEVEL:
 - 1) IN ANY 10ft. OF LENGTH - 1/8" MAX.
 - 2) FOR THE ENTIRE LENGTH - 1/4" MAX.
- VARIATION FROM FLAT:
 - 1) IN ANY 10ft. OF LENGTH - 1/8" MAX.
 - 2) FOR THE ENTIRE LENGTH - 1/4" MAX.

CONCRETE REINFORCING NOTES:

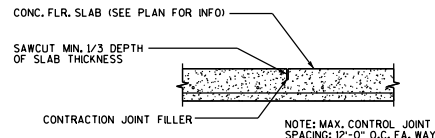
- STEEL REINFORCING BARS SHALL CONFORM TO ASTM A615 (GRADE 60), DEFORMED, WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- REINFORCEMENT FABRICATOR SHALL PROVIDE AND SCHEDULE ON SHOP DRAWINGS ALL REQUIRED REINFORCING STEEL AND THE NECESSARY ACCESSORIES TO HOLD REINFORCEMENT SECURELY IN PLACE AT THE CORRECT LOCATIONS.
- CLEARANCES FOR REINFORCEMENT: CONCRETE PLACED DIRECTLY ON EARTH (FOOTINGS, SLABS, ETC.) 3" FROM BOTTOM, AT ALL OTHER CONCRETE PROVIDE 2" CLEAR TO REINFORCING, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL REFER TO TYPICAL DETAILS SHOWN ON CONTRACT DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
- WHERE REINFORCEMENT IS REQUIRED IN SECTIONS, REINFORCEMENT IS CONSIDERED TYPICAL WHEREVER SECTION APPLIES.

EARTHWORK NOTES:

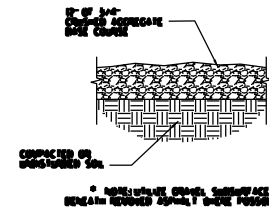
- FILL SHALL BE PLACED IN UNIFORM LAYERS AND COMPACTED TO AT LEAST 95% MODIFIED PROCTOR DENSITY.
- SAND OR GRAVEL FILL SHALL BE PLACED UNDER THE FLOOR IN UNIFORM LAYERS OF SIX TO EIGHT (6-8) INCHES AND MECHANICALLY COMPACTED TO AT LEAST 95% MODIFIED PROCTOR DENSITY.

ENVIRONMENTAL NOTES:

- IN THE EVENT THE CONTRACTOR ENCOUNTERS SOIL OR OTHER MEDIA WHICH, BASED ON ITS APPEARANCE, ODOR, OR OTHER MEANS OF DETECTION, APPEARS TO BE CONTAMINATED, WORK IN THE IMMEDIATE AREA WILL CEASE AND THE CONTRACTOR SHALL NOTIFY WPSDC. WPSDC WILL REPORT THE SUSPECTED CONTAMINATION TO THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES, IF APPROPRIATE. THE CONTRACTOR SHALL NOT RESUME WORK UNTIL NOTIFIED TO DO SO BY WPSDC.



TYP. CONTROL JOINT DETAIL



TYPICAL GRAVEL PAVING

NOTES:

AVOID WHENEVER POSSIBLE DAMAGING FLOWERING PLANTS THAT ARE NOT DIRECTLY IN THE CONSTRUCTION AREA.

ADD NATIVE FLOWER SEED TO THE RESTORATION.

03/20/2025

0-2121-105363-C90
I/O: 0022400148CC

REV.	DATE	REVISIONS	BY
1			

**WISCONSIN PUBLIC
SERVICE CORP.**

**REGULATOR BUILDING
AND FOUNDATION DETAILS
MLZ CT DRS**

SHEBOYGAN,

WISCONSIN

SCALE	NONE	DATE	01-5-2025
DRAWN BY	SKD	CHECKED BY	GP
TRACED BY		APPROVED BY	GP

DWG. NO. R-532

PG 1 OF 7