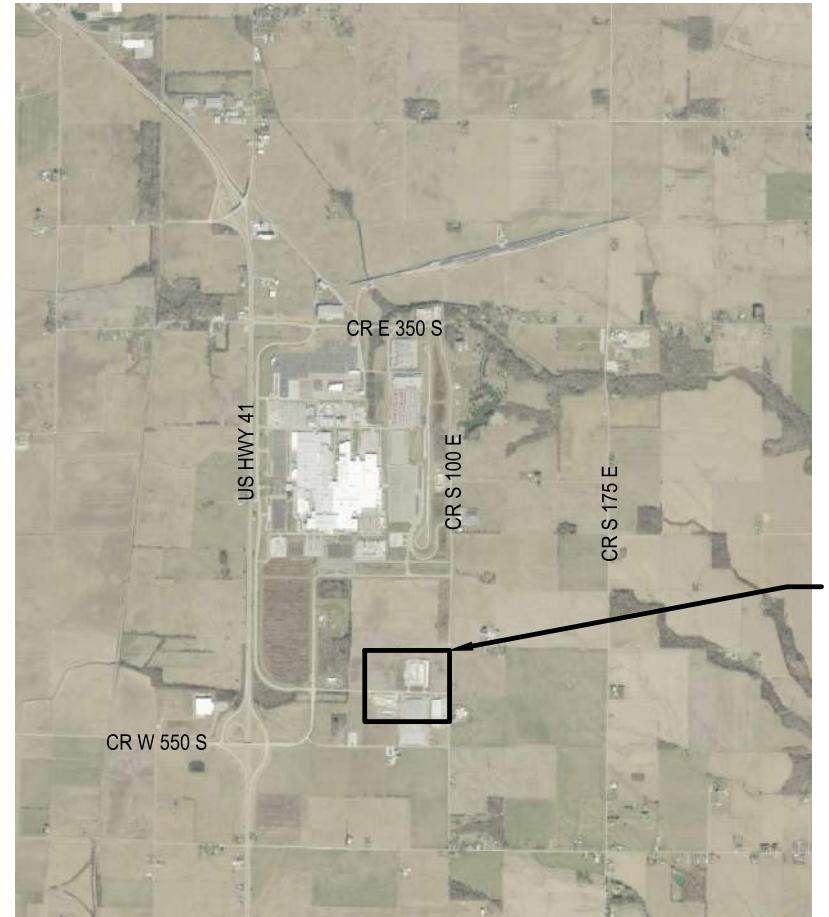


# TMMI EXPANSION WASTEWATER SYSTEM UPGRADES

## PHASE 1 - RYDER LIFT STATION

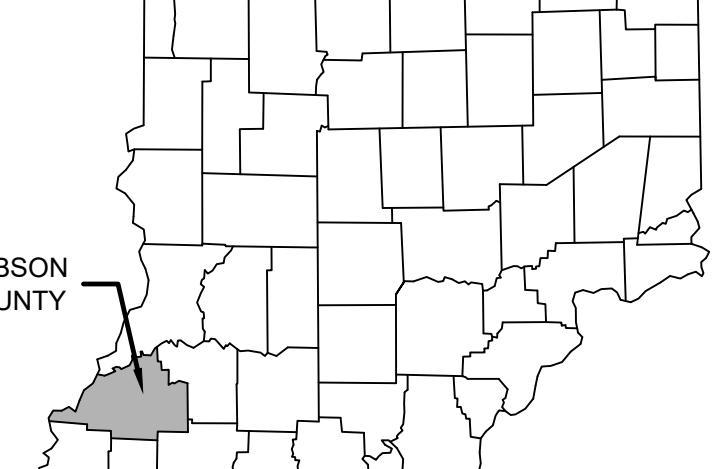
### FOR THE

### CITY OF PRINCETON, INDIANA



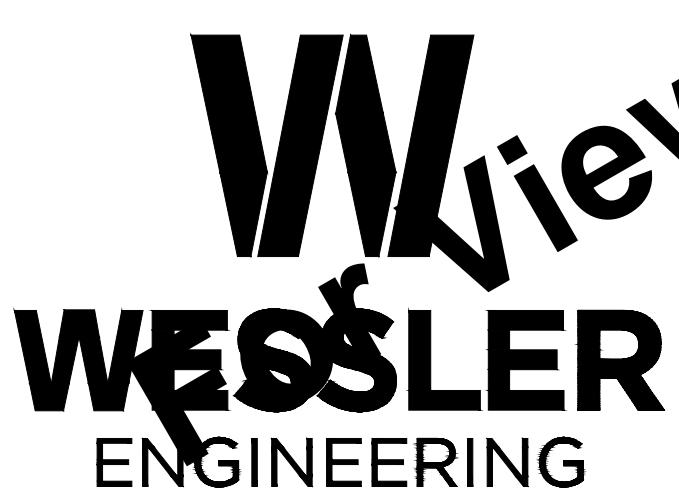
PRINCETON, INDIANA  
VICINITY MAP

SCALE: NONE



STATE LOCATION MAP

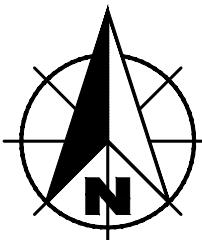
SCALE: NONE



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EVANSVILLE  
5401 Vogel Road, Suite 710  
Evansville, Indiana 47715  
Phone: (812) 475-1690 - Fax: (812) 475-1691  
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PROJECT NO. 285424-04-001



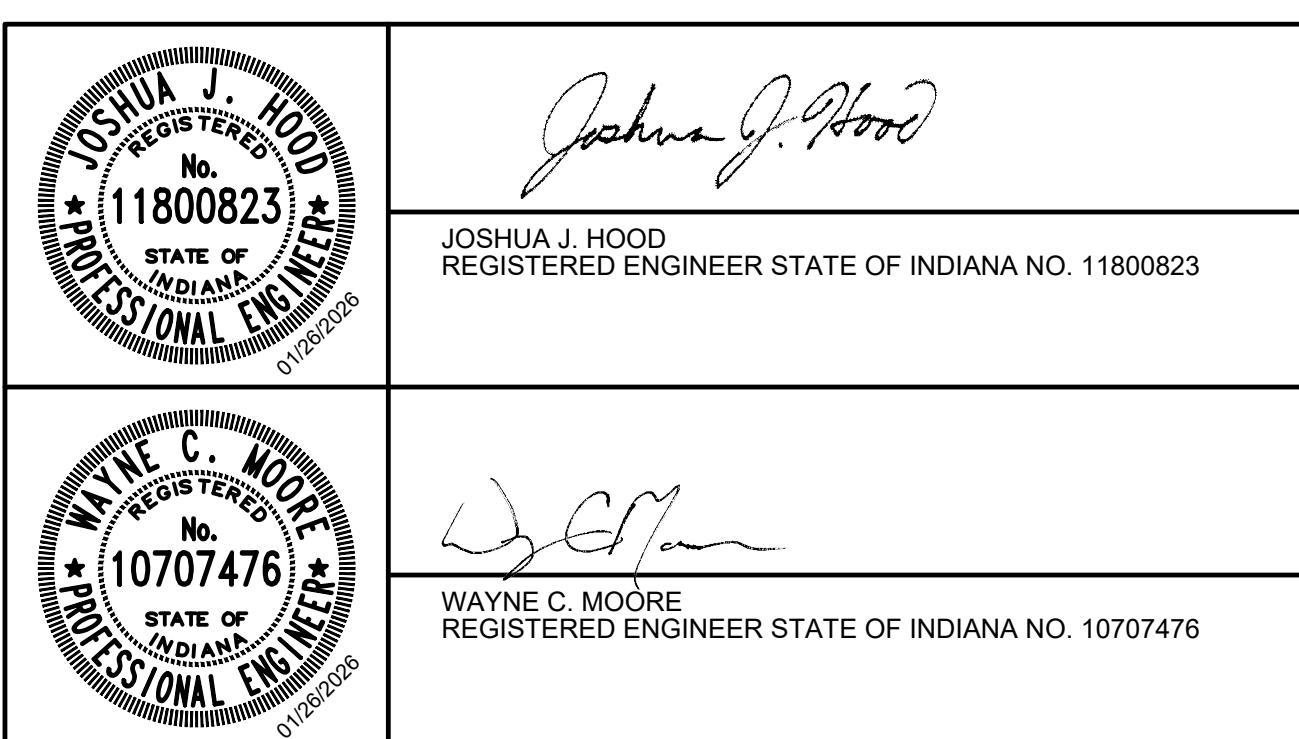
PROJECT LOCATION

DRAWINGS PREPARED FOR:

CITY OF PRINCETON BOARD OF WORKS

GREG WRIGHT, MAYOR  
SHERI GREENE, MEMBER  
BRUCE MCINTOSH, MEMBER  
DAVE KENNARD, CLERK-TREASURER  
JUSTIN DYEHOUSE, WASTEWATER OPERATOR  
JIM MCDONALD, CITY ATTORNEY

JANUARY 2026



*Joshua J. Hood*

JOSHUA J. HOOD  
REGISTERED ENGINEER STATE OF INDIANA NO. 11800823

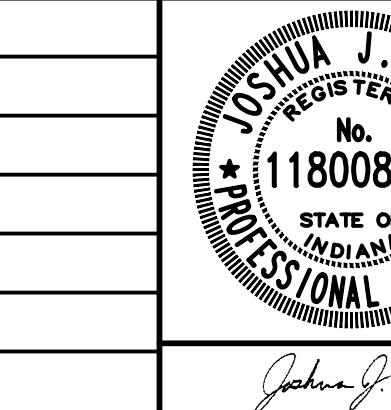
*Wayne C. Moore*

WAYNE C. MOORE  
REGISTERED ENGINEER STATE OF INDIANA NO. 10707476



Drawing: X:\Princeton\IN\285424 Princeton TMMI Ph1 Ryder SWD\G\Sheets\285424-CS.dwg | Layout: 1G2 | Printed: 01/26/26 @ 12:50:17 | Last Saved By: jasonw

LOCATION AND SCOPE OF WORK PLAN							
SCALE VERIFICATION  BAR IS ONE INCH LONG ON ORIGINAL DRAWING	DRAWN BY	JRW	NO.	DATE	INITIALS	REVISION DESCRIPTIONS	
	CHECKED BY	JJH					
	APPROVED BY	JJH					
	ISSUE DATE						
	JANUARY 2026						
	PROJECT NUMBER						
	285424-04-001						



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## HORIZONTAL AND VERTICAL CONTROL INFORMATION

### NOTES:

1. A FIELD SURVEY WAS PERFORMED IN (FEBRUARY 2025).
2. COORDINATES (NAD83(2011) / NGCS GIBSON (FTUS) AND ELEVATIONS (NAVD 88) ARE BASED ON NGS BM U331.
3. UNITS ARE U.S. SURVEY FEET.
4. CONTROL POINTS WERE SET USING GPS.
5. A LEVEL LOOP WAS PERFORMED ON THE CONTROL POINTS.

### BENCHMARK DESCRIPTION:

1. TBM NO. 100 - RAILROAD SPIKE SET IN NORTH SIDE OF POWER POL. #A1021.  
EL 467.05

CONTROL POINTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP 1	164774.08	814095.91	465.34	5/8" REBAR
CP 2	164735.57	814816.42	468.97	5/8" REBAR
CP 3	164727.08	815405.87	471.62	5/8" REBAR
CP 4	164727.84	815962.50	473.52	5/8" REBAR
CP 5	164838.37	816179.99	476.50	5/8" REBAR
CP 6	165376.85	816217.53	480.55	5/8" REBAR
CP 7	165980.21	816204.41	484.70	5/8" REBAR
CP 8	166519.58	816245.25	490.10	5/8" REBAR

DRAWING INDEX	
SHEET NO.	DESCRIPTION
GENERAL	
01	TITLE SHEET
02	LOCATION PLAN AND DRAWING INDEX
03	LEGEND, ABBREVIATIONS, UTM/XY CONTACTS AND GENERAL NOTES
NEW LIFT STATION 1 MGD	
04	EXISTING SITE DRAWING
05	NEW LIFT STATION NO. 1 - SITE PLAN
06	NEW EMERGENCY BYPASS PLAN
07	NEW LIFT STATION NO. 1 - PLANS, SECTION, AND SCHEDULE
08	NEW LIFT STATION NO. 1 - ELECTRICAL SITE PLAN
DETAILS	
09	EROSION CONTROL DETAILS
10	MISCELLANEOUS SITE DETAILS
ELECTRICAL	
11	ELECTRICAL SYMBOLS AND ABBREVIATIONS
12	ELECTRICAL ONE LINE DIAGRAM AND DETAILS
13	ELECTRICAL DETAILS
PROCESS AND INSTRUMENTATION	
14	PROCESS AND INSTRUMENTATION LEGEND
15	PROCESS AND INSTRUMENTATION DIAGRAM

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			SHEET NO. <b>02</b>			
TOTAL SHEETS <b>15</b>						
<b>LOCATION PLAN AND DRAWING INDEX</b>						
CITY OF PRINCETON, INDIANA						

## EXISTING FEATURES LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
BM	BENCH MARK	(C)	CISTERN	—	EASEMENT - CONSTRUCTION/PERMANENT
TBM	TEMPORARY BENCH MARK	E <sub>M</sub>	ELECTRIC METER	—	LOT BOUNDARY
SB <sub>01</sub>	SOIL BORING LOCATION	AC	AIR CONDITIONING UNIT	P	PROPERTY BOUNDARY
•	SECTION CORNER	XXX	UTILITY RISER (DEFINED BY UTILITY)	—	RIGHT-OF-WAY - TEMPORARY/PERMANENT
•	DRILL HOLE IN CONCRETE/HARRISON MONUMENT	XXX	UTILITY PEDESTAL (DEFINED BY UTILITY)	—	SECTION BOUNDARY
CP	CONTROL POINT (SET/FOUND)	☒	UTILITY MARKER (DEFINED BY UTILITY)	—	WETLANDS
MG	MAGNETIC NAIL (SET/FOUND)	J	JOINT POWER/TELEPHONE POLE	849	CONTOUR - INTERMEDIATE ELEVATION
BS	BOAT SPIKE (SET/FOUND)	L	LIGHT POLE	850	CONTOUR - INDEX ELEVATION
PK	PK NAIL (SET/FOUND)	P	LIGHT ON POWER POLE	OHE	OVERHEAD ELECTRIC
RS	RAILROAD SPIKE (SET/FOUND)	J	LIGHT ON JOINT POLE	OHC	OVERHEAD CABLE TV
RW	R/W MARKER - CONCRETE/GRANITE/STONE	P	POWER POLE	OHT	OVERHEAD TELEPHONE
◎	IRON PIPE/IRON PIN/REBAR (WITH DIAMETER)	T	TELEPHONE POLE	UGC	UNDERGROUND CABLE TV
BP	BRASS PLUG	○	LAMP POST	UGE	UNDERGROUND ELECTRIC
©	CABLE TV MANHOLE	→	GUY ANCHOR	UGF	UNDERGROUND FIBER OPTIC
⊕	ELECTRIC MANHOLE	○	GUY POLE OR STUB	G	GAS MAIN
⊖	GAS MANHOLE	☒	CONTROLLER CABINET	DG	DIGESTER GAS
◎	OTHER MANHOLE	FP	FLAG POLE	P	PETROLEUM MAIN
①	TELEPHONE MANHOLE	○	POST	UGT	UNDERGROUND TELEPHONE
TEL	TELEPHONE VAULT	◀	GROUND LIGHT	W	WATER MAIN
①	TRAFFIC MANHOLE	M	MAILBOX	W	WATER SERVICE
⊖	TRAFFIC HANDHOLE	MM	DOUBLE/MULTIPLE MAILBOX	FM	FORCEMAIN
⊖	WATER MANHOLE	—	MAST ARM POLE	—	GRAVITY SEWER PIPE
Ⓐ	AIR RELEASE VALVE	○	TRAFFIC SIGNAL STRAIN POLE	—	PLANT CHEMICAL LINE
Ⓢ	SANITARY SEWER MANHOLE	■	SIGNAL LOOP DETECTOR BOX	D	PLANT DRAIN LINE
Ⓓ	DRAINAGE/STORM SEWER MANHOLE	○	SIGNAL LOOP DETECTOR LOOP	—	TOP OF BANK/TOE OF SLOPE
CO	SANITARY SEWER CLEANOUT	—	SIGN - SINGLE POST	—	CENTERLINE OF DITCH/SWALE/STREAM
ST	SEPTIC TANK	—	SIGN - DOUBLE POST	—	FENCE - FIELD
VV	VALVE VAULT	R/R	SIGN - RAILROAD SIGNAL	—	FENCE - METAL
⊕	BEEHIVE INLET	R/R	SIGN - RAILROAD CROSSING	—	FENCE - WOOD
⊖	CURB INLET	⊕	BUSH	—	GUARDRAIL
⊖	DROP INLET	风	STUMP	—	STREAM
⊖	CATCH BASIN	雪	TREE - CONIFEROUS	—	TREE/BRUSH LINE
DS	DOWNSPOUT	⊕	TREE - DECIDUOUS	—	
GM	GAS METER	⊕	ROCK OUTCROP	—	
GV	GAS VALVE	SA	SATELLITE	—	
G <sub>S</sub> O	GAS SERVICE VALVE	SPH	SPRINKLER CONTROL VALVE	—	
PV	PETROLEUM VALVE	WM	WATER METER	—	
P <sub>S</sub> O	PETROLEUM SHUTOFF VALVE	WV	WATER VALVE	—	
GMW	GAS STATION MONITORING WELL	NSO	WATER SERVICE VALVE	—	
GFC	GAS STATION FILL CAP	W	WATER WELL	—	
GW	NATURAL GAS WELL/STORAGE WELL	WW	WET WELL	—	
S <sub>P</sub> H	SPRINKLER HEAD	Y	FEED HYDRANT	—	
⊕	YARD HYDRANT	K	PROCESS VALVE	—	

**\*NOTE: THIS TABLE IS A LISTING OF TYPICAL PRACTICE SYMBOLS AND MAY NOT INCLUDE ALL EXISTING SYMBOLS FOUND WITHIN THIS PLAN SET. ALL PROPOSED ITEMS WILL BE CALLED OUT ON THEIR PLAN SHEETS. IF A QUESTION ARISES IN THE MEANING OF ANY SYMBOL NOT LISTED IN THIS TABLE, PLEASE CONTACT THE ENGINEER FOR CLARIFICATION. THE SYMBOLS ARE NOT TO SCALE.**



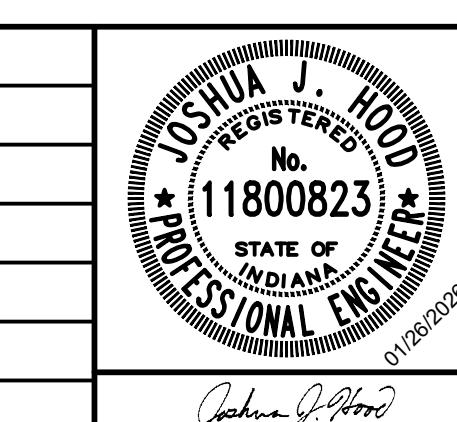
## LIST OF ABBREVIATIONS

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
AFF	ABOVE FINISHED FLOOR	IPS	IRON PIPE SIZE
ALUM	ALUMINUM	ISPC	INDIANA STATE PLANE COORDINATE
APP	APPARENT	LB	POUND(S)
APPROX	APPROXIMATE(LY)	LF	LINEAR FEET
ASPH	ASPHALT	LN	LANE
ASSOC	ASSOCIATES	LS	LIFT STATION
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS	MA EX	MATCH EXISTING
AVE	AVENUE	MJ	MECHANICAL JOINT
AVG	AVERAGE	MATL	MATERIAL
BLDG	BUILDING	MAX	MAXIMUM
BLVD	BOULEVARD	MH	MANHOLE
BM	BENCHMARK	MIN	MINIMUM
CO	CLEANOUT	MISC	MISCELLANEOUS
CI	CAST IRON	MNFR	MANUFACTURER
CL	CENTER LINE	N	NORTHING, NORTH
CMA	COLD MIX ASPHALT	NGS	NATIONAL GEODETIC SURVEY
CMP	CORRUGATED METAL PIPE	NO.	NUMBER
CMU	CONCRETE MASONRY UNIT	OC	ON CENTER
CONC	CONCRETE	OD	OUTSIDE DIAMETER
CONT	CONTINUOUS	PC	POINT OF CURVE (BEGIN CURVE)
CNR	CORNER	POLY	POLYETHYLENE
CP	CONTROL POINT	PI	POINT OF INTERSECTION
CPP	CORRUGATED PLASTIC PIPE	POT	POINT ON TANGENT
CR STN	CRUSHED STONE	PT	POINT OF TANGENT (END CURVE)
CYD	CUBIC YARD	PSI	POUNDS PER SQUARE INCH
D	DEPTH	PT	POINT
DI	DUCTILE IRON	PVC	POLYVINYL CHLORIDE
DI MJ	DUCTILE IRON MECHANICAL JOINT	R	RADIUS
DOBL	DOUBLE	ROW	RIGHT-OF-WAY
DIA	DIAMETER	RCP	REINFORCED CONCRETE PIPE
DIP	DUCTILE IRON PIPE	RD	ROAD
DIPS	DUCTILE IRON PIPE SIZE	S	SOUTH
DR	DRIVE	SR	STATE ROUTE
E	EASTING, EAST	SST	STAINLESS STEEL
EF	EACH FACE	SVA	SERVICE VALVE ASSEMBLY
EW	EACH WAY	SB	SOIL BORING
EA	EACH	SCHED	SCHEDULE
EJ	EAST OF IRON WORKS	SDR	STANDARD DIMENSION RATIO
EL	ELEVATION	SECT	SECTION
EX	EXISTING	SF	SQUARE FEET
EXP	EXPANSION	SHT	SHEET
F	FINISH FLOOR ELEVATION	SPECS	SPECIFICATION(S)
FM	FORCE MAIN	SQ	SQUARE
ND	FOUND	SRF	STATE REVOLVING FUND
FT	FEET	ST	STREET
FTG	FOOTING	STA	STATION
GALV	GALVANIZED	SYD	SQUARE YARD
GPS	GLOBAL POSITIONING SYSTEM	TBM	TEMPORARY BENCHMARK
HMA	HOT MIX ASPHALT	TC	TOP OF CASTING
HDPE	HIGH DENSITY POLYETHYLENE	TYP	TYPICAL
HORIZ	HORIZONTAL	UNO	UNLESS NOTED OTHERWISE
D	INSIDE DIAMETER	USGS	US GEOLOGICAL SURVEY
E	INVERT ELEVATION	VERT	VERTICAL
INC	INCORPORATED	VLV	VALVE
INDOT	INDIANA DEPARTMENT OF TRANSPORTATION	VV	VALVE VAULT
INSTR	INSTRUMENT	W	WIDTH, WEST
INV	INVERT	WSE	WATER SURFACE ELEVATION
		WW	WET WELL
		YR	YEAR

NOTE: THIS TABLE IS A LISTING OF TYPICAL ABBREVIATIONS AND MAY NOT INCLUDE ALL ABBREVIATIONS FOUND WITHIN THIS PLAN SET. IF A QUESTION ARISES ON THE MEANING OF AN ABBREVIATION NOT LISTED IN THIS TABLE, PLEASE CONTACT THE ENGINEER FOR CLARIFICATION.

## UTILITY CONTACTS

ELECTRIC  
CENTERPOINT ENERGY  
N MAIN ST  
EVANSVILLE, IN 47708  
812-491-4288  
ATTN: PARTLEY ARNOLD



TMMI EXPANSION WASTEWATER SYSTEM UPGRADES PHASE 1 - RYDER LIFT STATION

CITY OF PRINCETON, INDIANA

## **LEGEND. ABBREVIATIONS. UTILITY CONTACTS AND GENERAL NOTES**

---

**QUESTION**

03

**TOTAL SHEETS**  
**15**

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**EXISTING SITE DEMO**  
SCALE: 1" = 5'

**1540 EXISTING 6' WET WELL**  
TC 465.05  
12" DI IE (N) 455.05  
12" DI IE (E) 454.70  
4" DI IE (W) 457.0  
6" DI IE (S) 458.50  
6" DI IE (N) 458.50  
OVERALL STRUCTURE IE 456.68  
TC 464.93

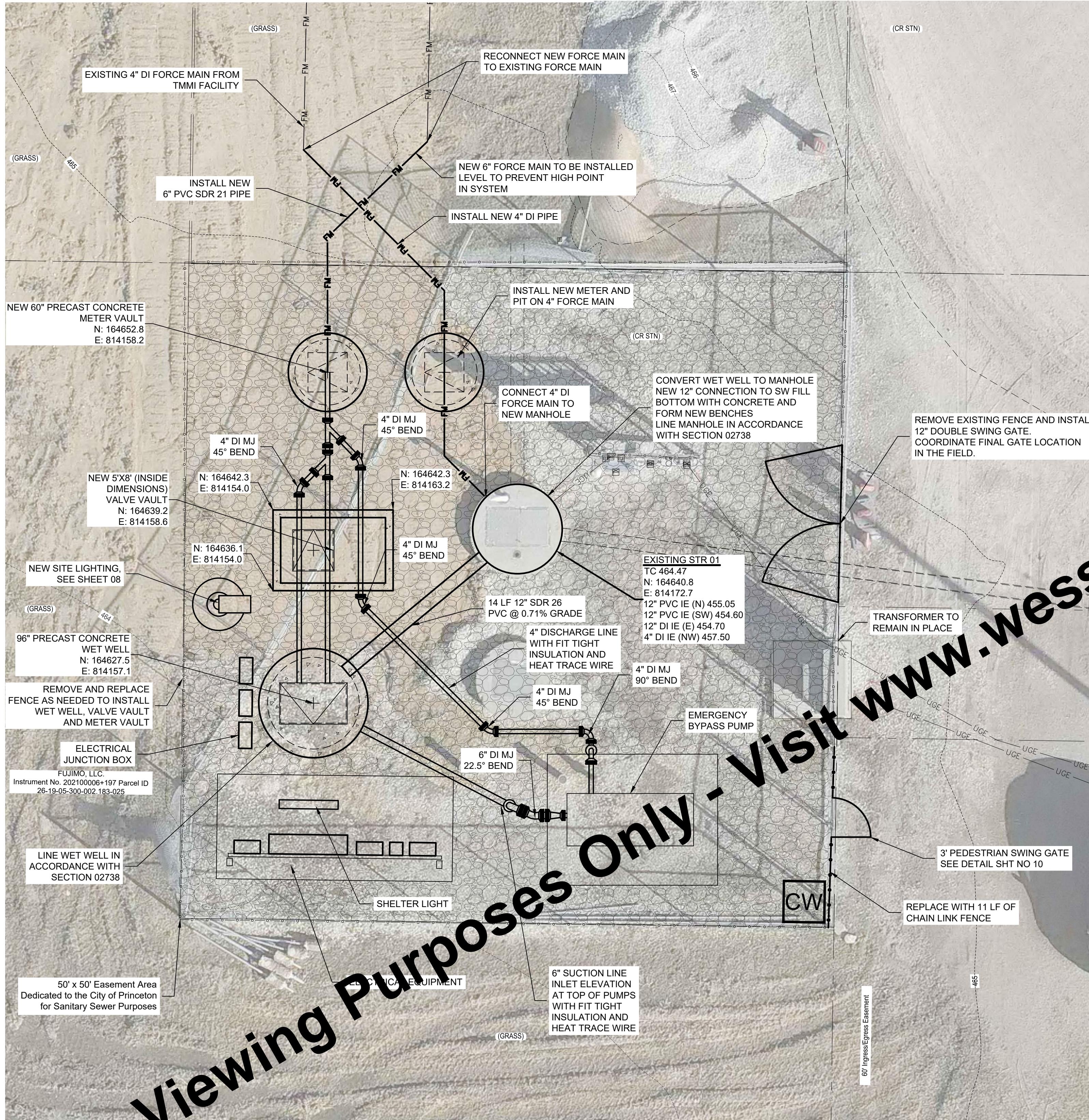
**1541 EXISTING 5' VALVE VAULT**  
TC 464.93  
6" DI IE (N) 458.50  
6" DI IE (S) 458.50  
OVERALL STRUCTURE IE 456.68

**FM** (Force Main)  
**CR STN** (Control Station)  
**WW** (Wet Well)  
**VV** (Valve Vault)  
**UGE** (Utility Grade Elevation)  
**463**, **464**, **465** (Elevations)  
**GRASS**, **ASPH** (Terrain Labels)  
**60' Ingress/Egress Easement**  
**50' x 50' Easement Area Dedicated to the City of Arlington for Sanitary Sewer Purposes**  
**FUJIMO, LLC, Instrument No. 202100006+197  
Parcel ID 26-19-05-300-002.183-025**

**REMOVE EX CONTROL PANEL**  
**EXISTING UPPE**  
**EXISTING WET**  
SCALE : NONE

**EXISTING LOWER**  
**EXISTING WET**  
SCALE : NONE

SCALE VERIFICATION		DRAWN BY	JRW	NO.	DATE	INITIALS	REVISION DESCRIPTIONS		TMMI EXPANSION WASTEWATER SYSTEM UPGRADES PHASE 1 - RYDER LIFT STATION		SHEET NO.
BAR IS ONE INCH LONG ON ORIGINAL DRAWING		CHECKED BY	JJH								04
		APPROVED BY	JJH								
		ISSUE DATE									
		JANUARY 2026									
		PROJECT NUMBER									
285424-04-001											
CITY OF PRINCETON, INDIANA										EXISTING SITE DEMO	
										WESSLER ENGINEERING <i>More than a Project™</i>	
										TOTAL SHEETS 15	



**GENERAL NOTES:**

INSTALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON PLAN SHEETS AND AS NECESSARY TO PROVIDE ADEQUATE CONTROL FOR THE CONSTRUCTION AREA. SEE SPECIFICATION 02101.

CONTRACTOR TO REPAIR AND REINSTATE ANY DAMAGED FIELD TILE WITHIN 24 HOURS OF OCCURRENCE.

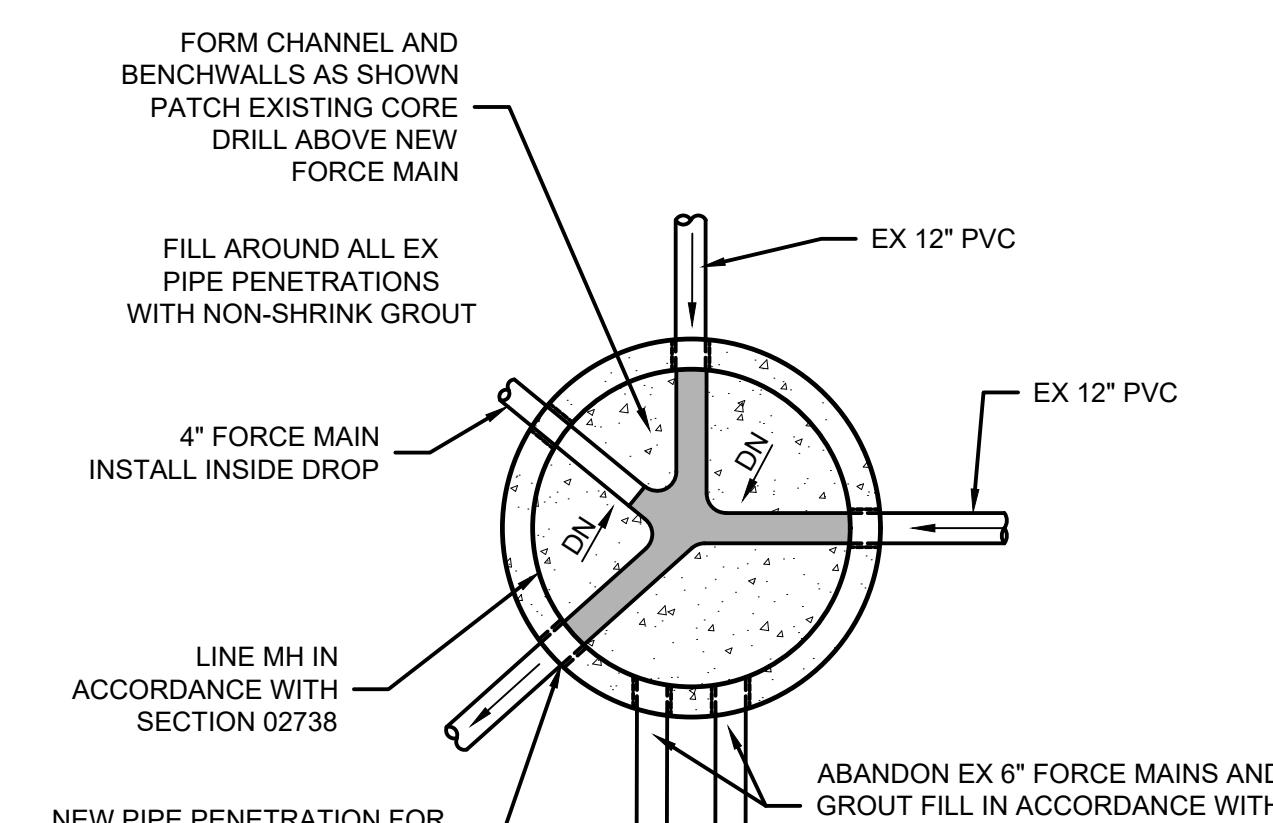
UTILIZE EXISTING DRIVEWAY AS CONSTRUCTION ENTRANCE FOR THE LIFT STATION.

## LEGEND



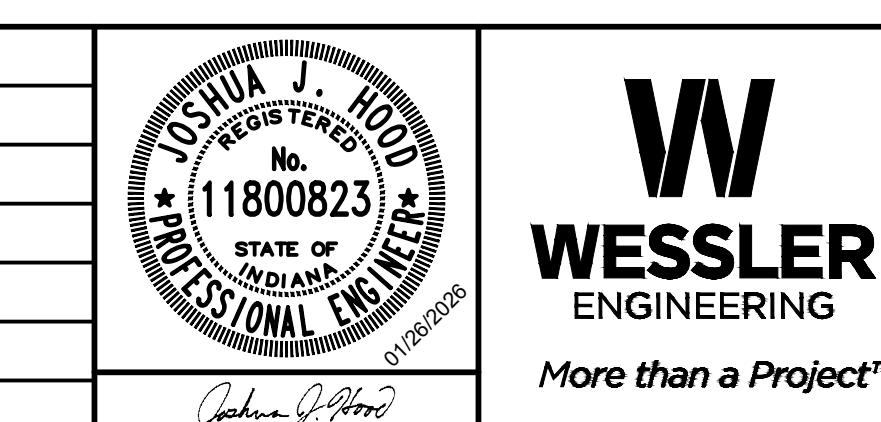
NEW UPPER PLAN  
EXISTING WET WELL  
CONVERT TO MH

SCALE : NONE



## NEW LOWER PLAN EXISTING WET WELL CONVERT TO MH

SCALE : NONE



**TMMI EXPANSION WASTEWATER SYSTEM UPGRADES PHASE 1 - RYDER LIFT STATION**

## CITY OF PRINCETON, INDIANA

# NEW LIFT STATION NO. 1 - SITE PLAN

HEET NO.  
**05**

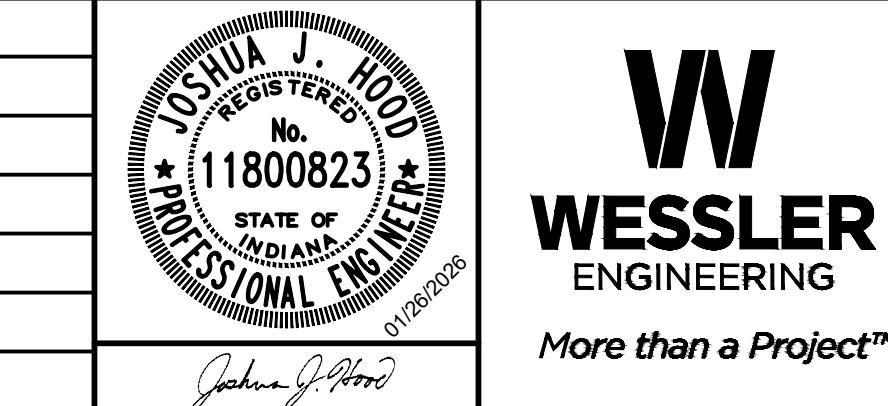
**TOTAL SHEETS**  
**15**



## NEW EMERGENCY BYPASS PLAN

SCALE: 1" = 5

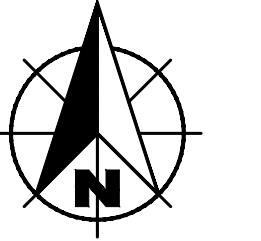
SCALE VERIFICATION  BAR IS ONE INCH LONG ON ORIGINAL DRAWING  [REDACTED]	DRAWN BY	JRW	NO.      DATE      INITIALS	REVISION DESCRIPTIONS			
	CHECKED BY	JJH					
	APPROVED BY	JJH					
	ISSUE DATE						
	JANUARY 2026						
	PROJECT NUMBER						
	285424-04-001						



**TMMI EXPANSION WASTEWATER SYSTEM UPGRADES PHASE 1 - RYDER LIFT STATION**

## CITY OF PRINCETON, INDIANA

## **NEW EMERGENCY BYPASS PLAN**



0      2.5      5      10 FT      1" = 5'

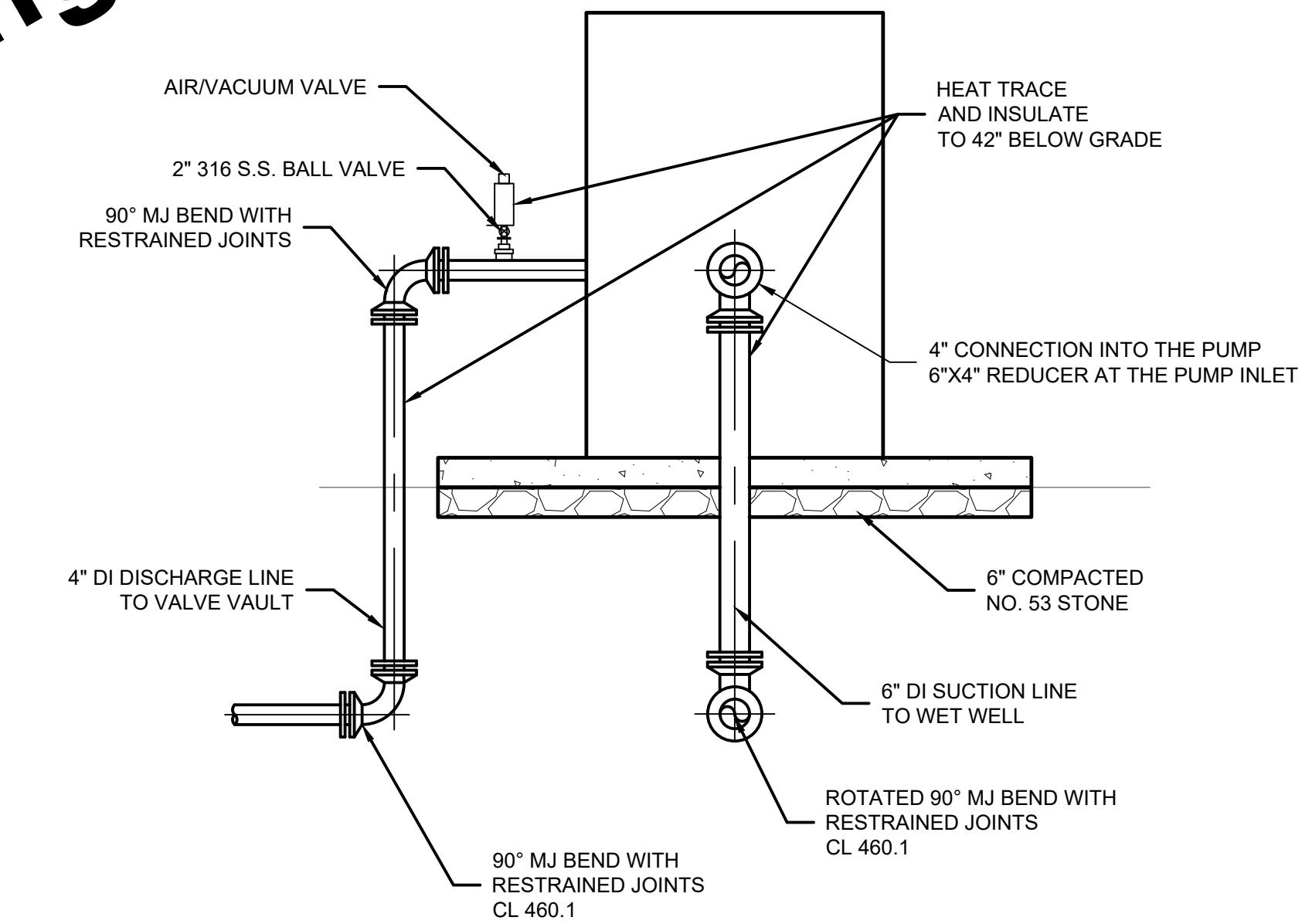
**GENERAL NOTES:**

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN OR AS DETERMINED NECESSARY BY CONTRACTOR TO PROVIDE ADEQUATE CONTROL FOR THE CONSTRUCTION AREA.
2. CONTRACTOR TO REPAIR AND REINSTATE ANY DAMAGED FIELD TILE WITHIN 24 HOURS OF OCCURRENCE.
3. UTILIZE EXISTING DRIVEWAY AS CONSTRUCTION ENTRANCE FOR THE LIFT STATION.

## KEYED NOTES ○

## SF SILT FENCE/FILTER SOCK

## LEGEND



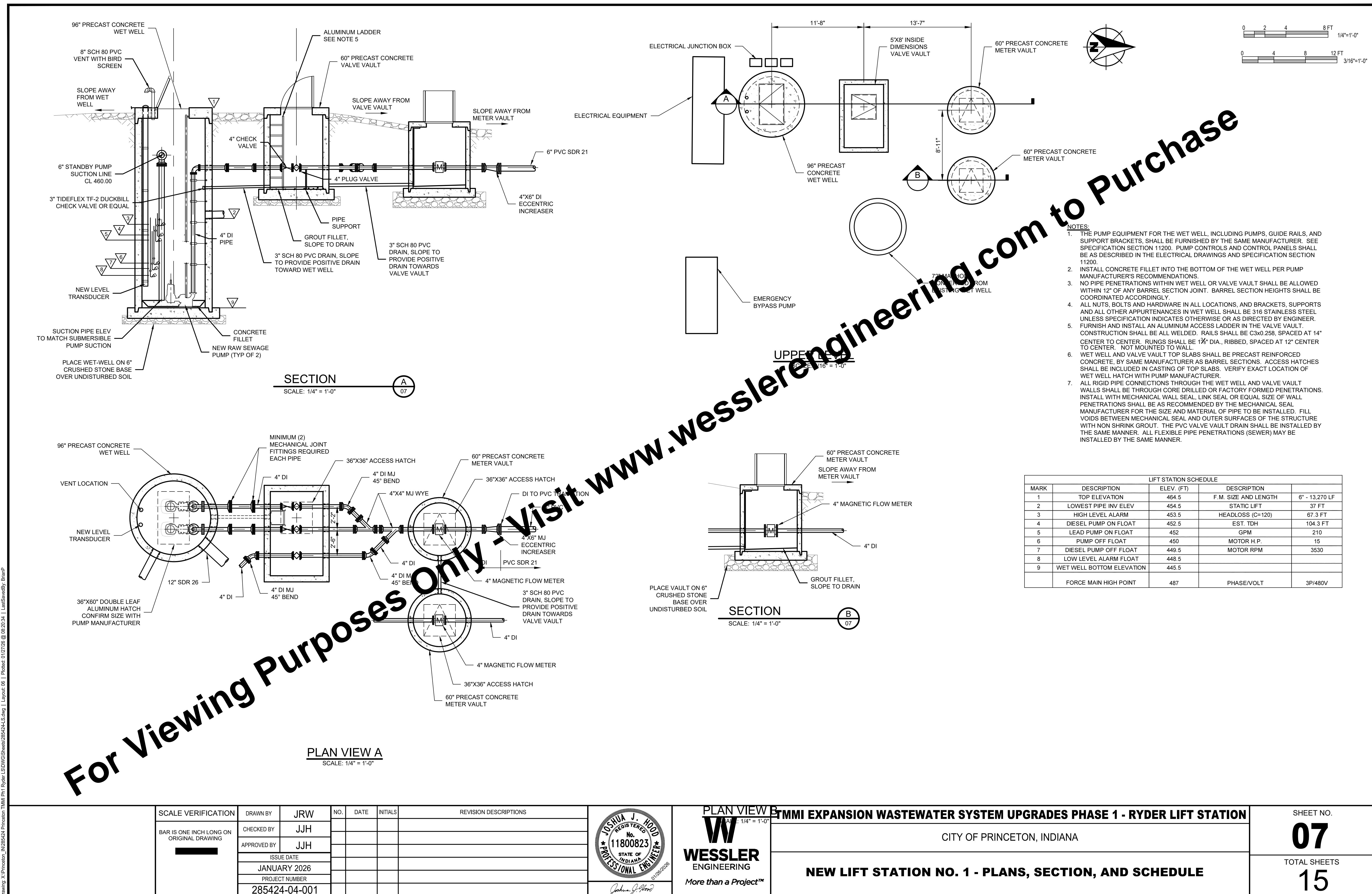
# EMERGENCY BYPASS PUMP CONNECTION

SCALE : NONE

SHEET NO.

06

TOTAL SHEETS



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NEW LIFT STATION NO. 1 - ELECTRICAL SITE PLAN

SCALE: 1" = 5'

# NEW LIFT STATION NO. 1 - ELECTRICAL SITE PLAN

# **TMMI EXPANSION WASTEWATER SYSTEM UPGRADES PHASE 1 - RYDER LIFT STATION**

## CITY OF PRINCETON, INDIANA

# **NEW LIFT STATION NO. 1 - ELECTRICAL SITE PLAN**

SHEET NO.

Ω Ω

TOTAL SHEETS

EROSION CONTROL SCHEDULE	
CONSTRUCTION ACTIVITY	SCHEDULE CONSIDERATION
<p>PRECONSTRUCTION ACTIVITIES: POST THE FOLLOWING INFORMATION NEAR THE MAIN ENTRANCE OF THE PROJECT SITE OR AT A PUBLICLY ACCESSIBLE LOCATION: NOTICE OF INTENT (NOI) DOCUMENT, COPY OF THE PUBLIC NOTICE, NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT NUMBER, NAME, ADDRESS, AND PHONE NUMBER OF THE LOCAL CONTACT PERSON, AND LOCATION OF A COPY OF THE CONSTRUCTION DRAWINGS AND STORMWATER POLLUTION PREVENTION PLAN (SWP3).</p> <p>MAINTAIN DOCUMENTATION ON-SITE PER SPECIFICATION 02101 FOR THE PROJECT MANAGEMENT LOG. THE SWPPP SHOULD BE ONSITE AND SELF-MONITORING INSPECTION REPORTS MUST BE AVAILABLE WITHIN 48 HOURS OF REQUEST. INFORM OR TRAIN PERSONNEL ASSOCIATED WITH THE PROJECT OF THE TERMS AND CONDITIONS OF THE CSGP AND THE SWPPP REQUIREMENTS.</p>	AUTHORIZATION UNDER THE CSGP IS EFFECTIVE 48-HOURS AFTER SUBMITTAL OF THE NOTICE OF INTENT TO IDEM AND LOCAL AUTHORITY BY THE OWNER.
<p>REVIEW THE EROSION CONTROL SCHEDULE ON THE DRAWINGS AND REVISE AS NEEDED TO PHASE CONSTRUCTION ACTIVITIES TO MINIMIZE THE FOOTPRINT OF DISTURBED UNSTABLE AREAS. SUBMIT A REVISED EROSION CONTROL SCHEDULE AS NEEDED FOR TEMPORARY AND PERMANENT EROSION CONTROL WORK AS APPLICABLE.</p>	COMPLETE BEFORE CONSTRUCTION BEGINS.
<p>CONSTRUCTION ACCESS - ENTRANCE TO SITE, CONSTRUCTION ROUTES, AREAS DESIGNATED FOR EQUIPMENT PARKING OR MATERIAL STAGING AND WASTE HANDLING.</p>	THIS IS THE FIRST LAND-DISTURBING ACTIVITY. AS SOON AS CONSTRUCTION BEGINS, STABILIZE ANY BARE AREAS WITH AGGREGATE AND TEMPORARY VEGETATION.
<p>SEDIMENT TRAPS AND BARRIERS - BASIN TRAPS, SILT FENCE AND PERIMETER PROTECTION.</p>	AFTER CONSTRUCTION IS ACCESSED, BASINS SHALL BE INSTALLED, WITH THE ADDITION OF MORE TRAPS AND BARRIERS AS NEEDED DURING GRADING. SET UP PROTECTION FOR NATURAL FEATURES, TREES AND BUFFERS.
<p>RUNOFF CONTROL - DIVERSIONS, PERIMETER PROTECTION, CHECK DAMS, OUTLET PROTECTION.</p>	RUNOFF CONTROL PRACTICES SHALL BE INSTALLED AFTER THE INSTALLATION OF SEDIMENT TRAPS AND BEFORE LAND GRADING. ADDITIONAL RUNOFF CONTROL MEASURES MAY BE INSTALLED DURING GRADING.
<p>RUNOFF CONVEYANCE SYSTEM - STABILIZE STREAM BANKS, STORM DRAINS, CHANNELS, INLET AND OUTLET PROTECTION, SLOPE DRAINS.</p>	AS NECESSARY, STABILIZE STREAM BANKS AND SIDE SLOPES OF RUNOFF SYSTEMS AS SOON AS POSSIBLE. USE EROSION CONTROL BLANKETS OR SLOPE DRAINS TO PREVENT EROSION. INSTALL INLET PROTECTION TO PREVENT SEDIMENTS FROM ENTERING STORM DRAINAGE SYSTEMS. PROTECT STORM OUTLETS TO PREVENT EROSION.
<p>LAND CLEARING AND GRADING - SITE PREPARATION (CUTTING, FILLING, AND GRADING, SEDIMENT TRAPS, BARRIERS, DIVERSIONS, DRAINS, SURFACE ROUGHENING).</p>	IMPLEMENT CLEARING AND GRADING AFTER INSTALLATION OF SEDIMENT TRAPS AND RUNOFF CONTROL MEASURES, AND INSTALL ADDITIONAL CONTROL MEASURES AS GRADING CONTINUES. CLEAR BORROW AND DISPOSAL AREAS AS NEEDED.
<p>SURFACE STABILIZATION - TEMPORARY AND PERMANENT SEEDING, MULCHING, SODDING, RIPRAP, EROSION CONTROL BLANKET.</p>	APPLY TEMPORARY OR PERMANENT STABILIZING MEASURES IMMEDIATELY TO ANY DISTURBED AREAS WHERE WORK HAS BEEN EITHER COMPLETED OR DELAYED.
<p>CONSTRUCTION - STRUCTURES, UTILITIES, PAVING, CONCRETE WASHOUT, AND CONSTRUCTION ENTRANCES.</p>	DURING CONSTRUCTION, INSTALL ANY EROSION AND SEDIMENTATION CONTROL MEASURES THAT ARE NEEDED.
<p>LANDSCAPING AND FINAL STABILIZATION - TOPSOILING, TREES AND SHRUBS, PERMANENT SEEDING, MULCHING, SODDING, RIPRAP.</p>	THIS IS THE LAST CONSTRUCTION PHASE. STABILIZE ALL DISTURBED AREAS, INCLUDING BORROW AND SPOIL AREAS, AND REMOVE ALL TEMPORARY CONTROL MEASURES. FINAL STABILIZATION IS WHEN A UNIFORM DENSITY OF 70% VEGETATION COVER IS MET. PROVIDE NOTIFICATION TO THE OWNER WHEN THE ENTIRE SITE HAS BEEN STABILIZED AND ALL CONSTRUCTION MATERIALS, WASTES, AND EQUIPMENT HAVE BEEN REMOVED.

## EROSION CONTROL SCHEDULE

SCALE: NONE

MECHANICAL PROPERTIES	TEST METHOD	UNITS	INDUSTRY STANDARD
GRAB TENSILE STRENGTH	ASTM D4632	kN (LB)	0.9 (205) X 0.9 (205)
GRAB TENSILE ELONGATION	ASTM D4632	%	50 X 50
PUNCTURE STRENGTH	ASTM D4833	kN (LB)	0.58 (130)
MULLEN BURST STRENGTH	ASTM D3786	kPa (PSI)	2618 (380)
TRAPEZOID TEAR STRENGTH	ASTM D4533	kN (LB)	0.36 (80) X 0.36 (80)
UV RESISTANCE	ASTM D4355	%	70
APPARENT OPENING SIZE	ASTM D4751	Mm (US STD SIEVE)	0.180 (80)
FLOW RATE	ASTM D4491	1/MIN/M <sup>2</sup> (GAL/MIN/FT <sup>2</sup> )	3866 (95)
PERMITTIVITY	ASTM D4491	S <sup>-1</sup>	1.2

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#### MAINTENANCE

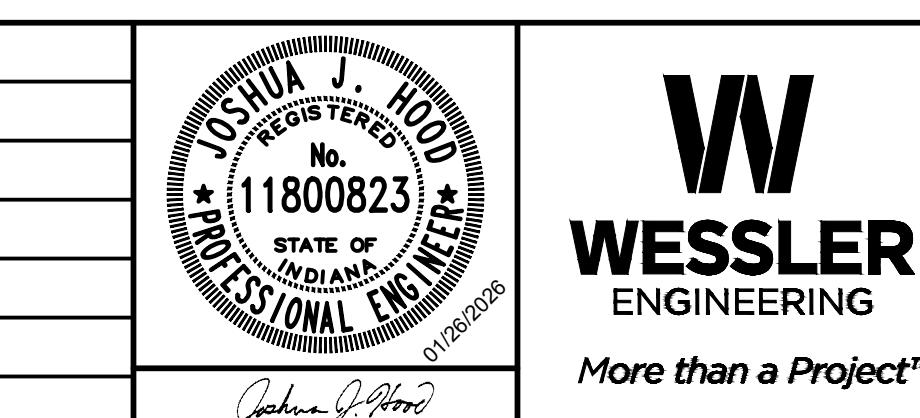
**MAINTENANCE:**

1. DURING THE ACTIVE DEWATERING PROCESS, INSPECTION OF THE PUMPING BAG SHOULD BE REVIEWED FREQUENTLY. SPECIAL ATTENTION SHOULD BE PAID TO THE BUFFER AREA FOR ANY SIGN OF EROSION AND CONCENTRATION OF FLOW. OBSERVE WHERE POSSIBLE THE VISUAL QUALITY OF THE EFFLUENT AND DETERMINE IF ADDITIONAL TREATMENT CAN BE PROVIDED.
2. DISPOSE OF ACCUMULATED SEDIMENT REMOVED DURING PUMPING OPERATIONS IN CONFORMANCE WITH THE SPECIFICATIONS.
3. REPLACE THE BAG OR DISPOSE OF SILT WHEN HALF FULL OF SEDIMENT OR WHEN SEDIMENT HAS REDUCED THE FLOW RATE TO AN IMPRACTICAL RATE

SOURCE:  
KRISTAR  
DANDY DEWATERING BAG

## PUMPING BAG

### None

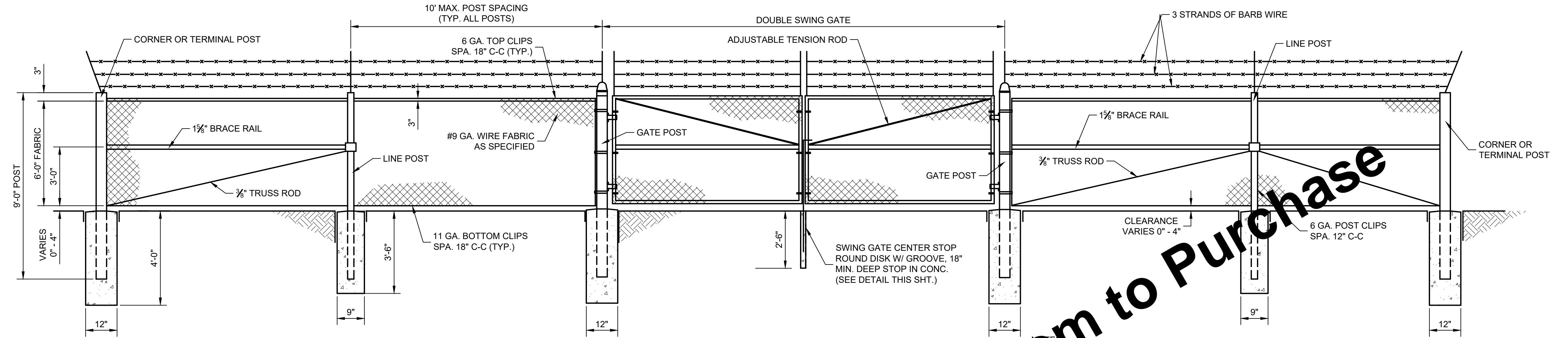
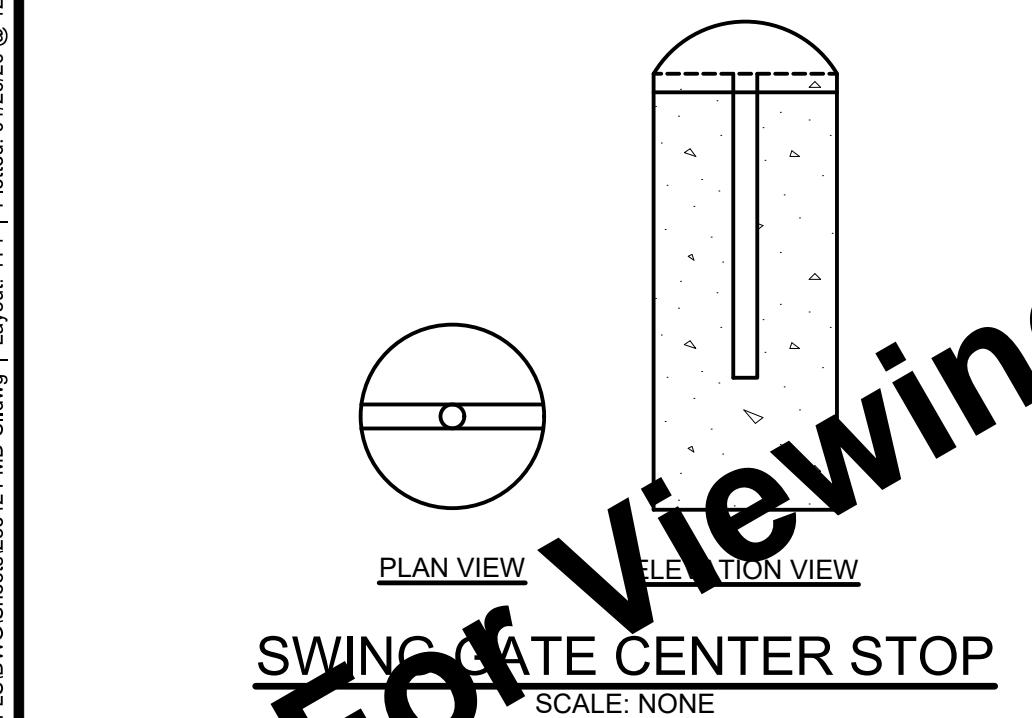
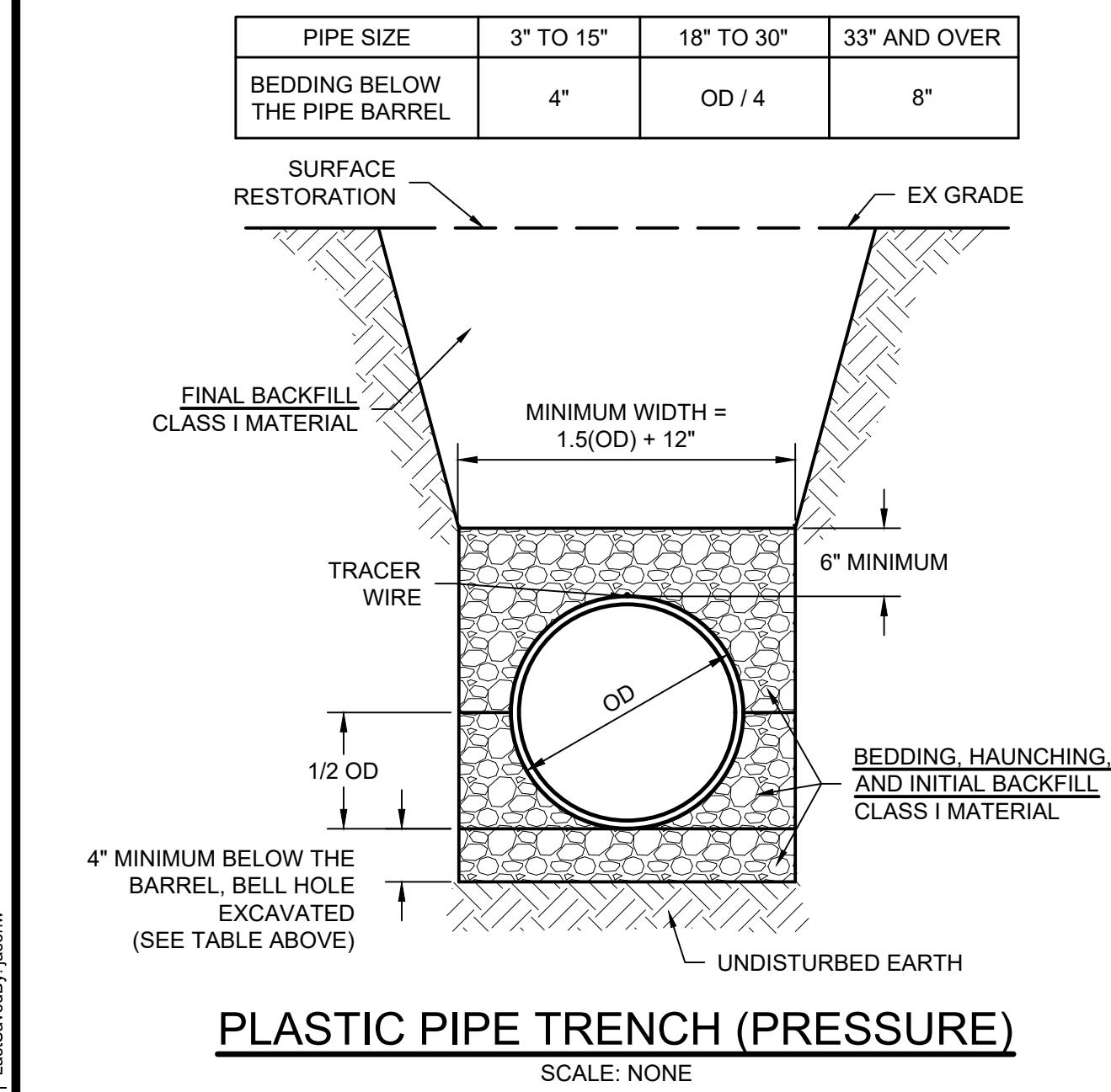
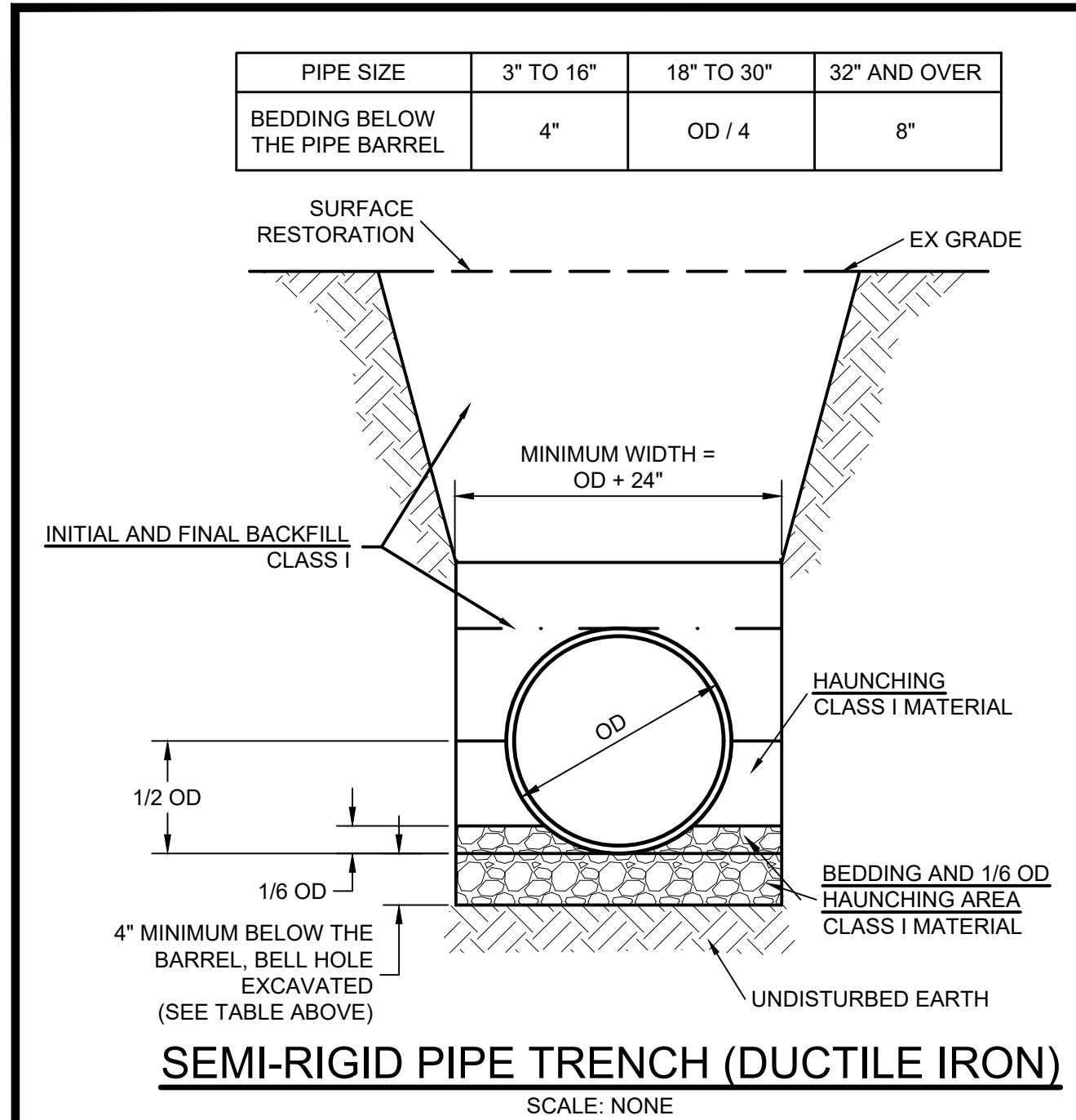


## **TMMI EXPANSION WASTEWATER SYSTEM UPGRADES PHASE 1 - RYDER LIFT STATION**

## CITY OF PRINCETON, INDIANA

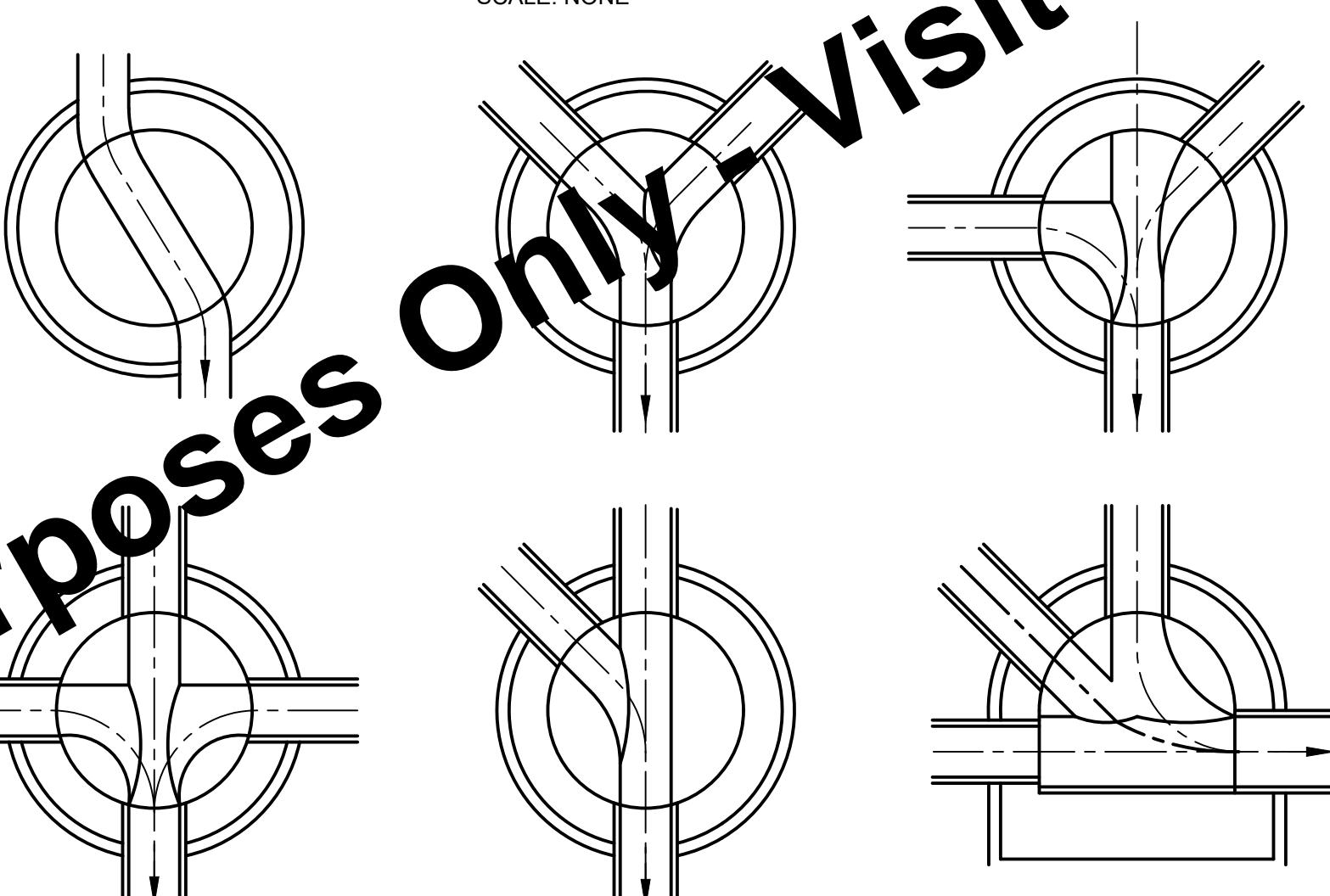
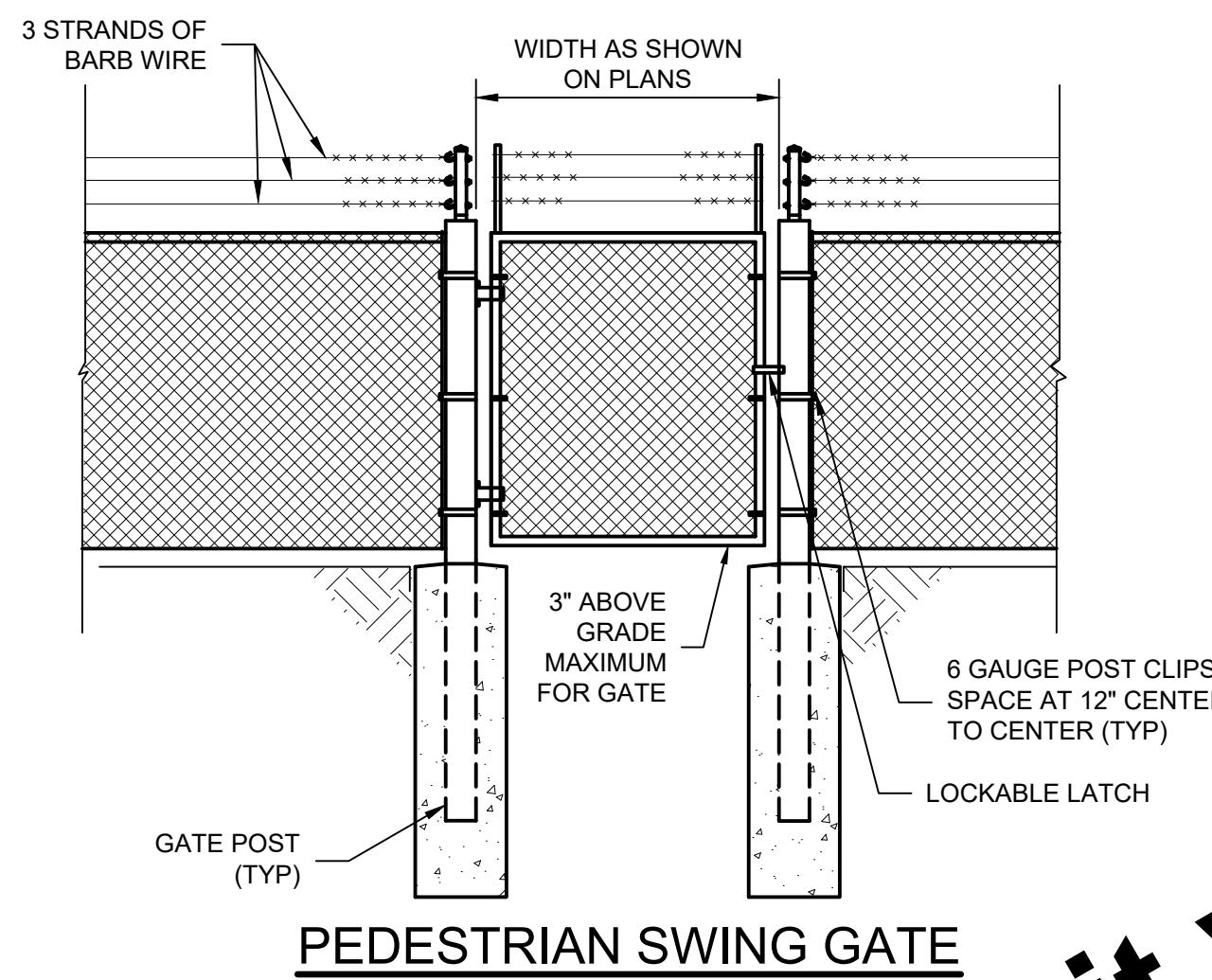
## **EROSION CONTROL DETAILS**





ALL CONCRETE IN POST ANCHORS SHALL CONFORM TO THE SPECIFICATIONS.

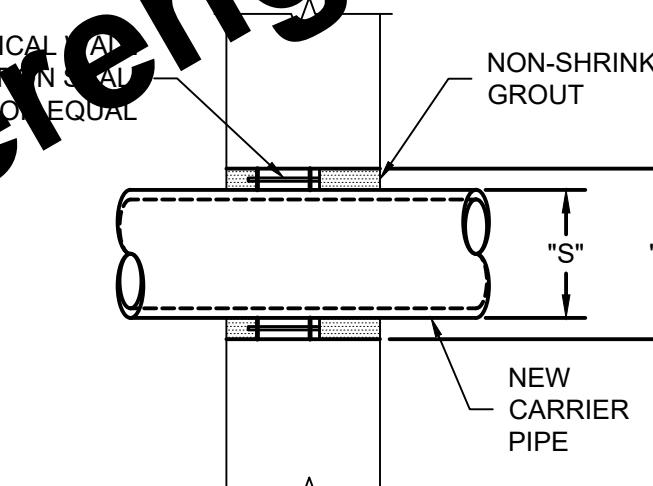
1. TERMINAL POSTS SHALL BE USED AT EACH FENCE CORNER OR END. GATE POSTS SHALL BE USED AT EACH GATE OPENING. LINE POSTS SHALL BE USED AT MAXIMUM 10' SPACING WHERE TERMINAL, GATE OR PULL POSTS ARE NOT REQUIRED.
2. PULL POSTS SHALL BE SPACED AT A MAXIMUM OF 500' ON LONG STRAIGHT RUNS ALONG CONSISTENT GRADES, AT EVERY HORIZONTAL BEND GREATER THAN 10° WHERE TERMINAL POSTS ARE NOT REQUIRED, AND AT EVERY MAJOR CHANGE OF GRADE. PULL POSTS SHALL NOT BE USED AS GATE OR TERMINAL POSTS.
3. SEE FENCE GROUNDING INSTALLATION DETAIL ON SHEET NO. 15



**STANDARD MANHOLE BENCHES**

SCALE: NONE

NOTES:  
1. SANITARY SEWER BENCH SLOPE =  $1/8$  PER FOOT

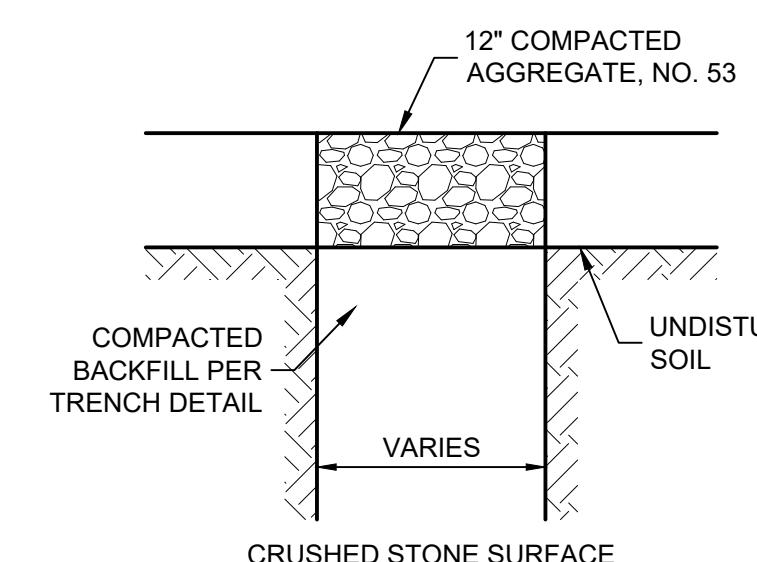


NOTES:

1. "S" DIMENSION FOR NEW PIPE THROUGH EXISTING WALL APPLICATION SHALL BE THE INSIDE DIAMETER OF THE PIPE SLEEVE.
2. "C" DIMENSION FOR NEW PIPE THROUGH EXISTING WALL APPLICATION SHALL BE THE DIAMETER OF THE CORE DRILLED HOLE REQUIRED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE "S" OR "C" DIMENSION REQUIRED FOR THE SIZE OF CARRIER PIPE BEING INSTALLED.
4. ALL TYPE A WALL PIPE FASTENERS, STUDS, BOLTS, NUTS AND WASHERS, SHALL BE STAINLESS STEEL.

**NEW PIPE THROUGH EXISTING WALL**

SCALE: NONE

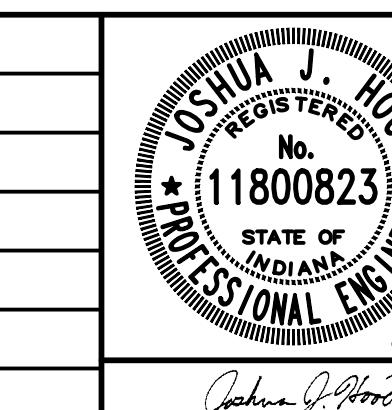


NOTE:

1. ALSO TO BE USED FOR NEW PAVEMENTS AT LIFT STATIONS

**INCIDENTAL PAVEMENT**

SCALE: NONE



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**TMMI EXPANSION WASTEWATER SYSTEM UPGRADES PHASE 1 - RYDER LIFT STATION**

CITY OF PRINCETON, INDIANA

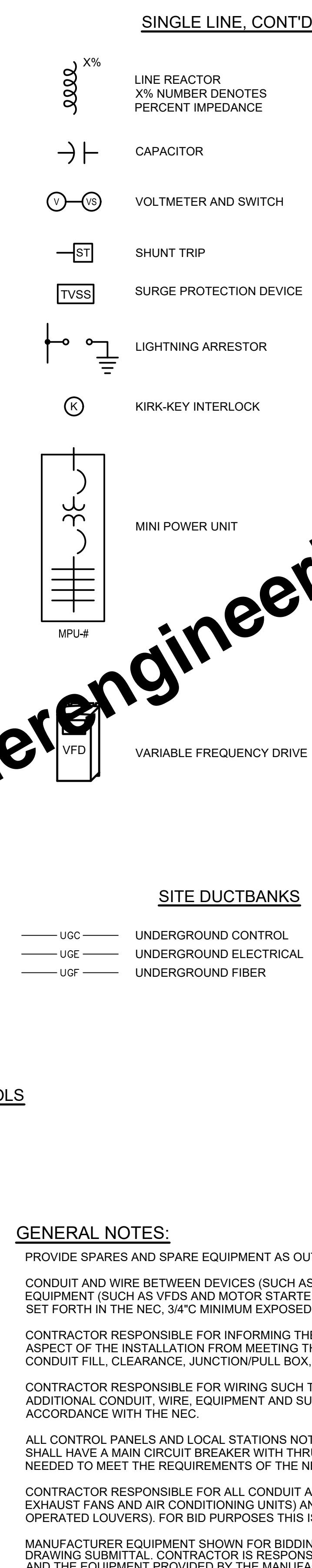
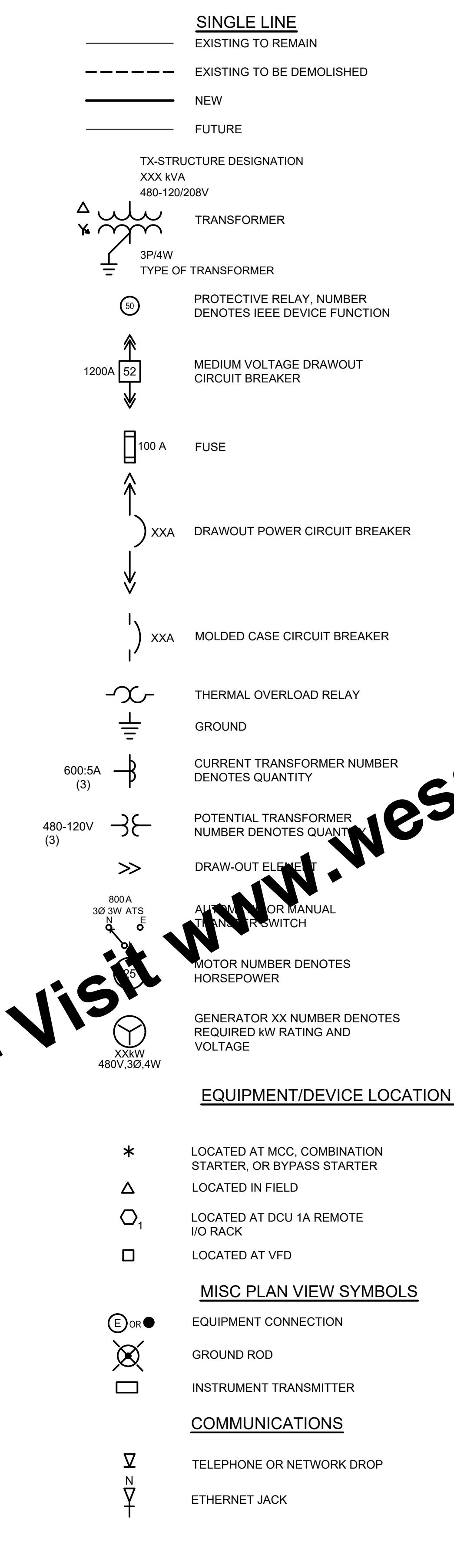
**MISCELLANEOUS SITE DETAILS**

SHEET NO.  
**10**

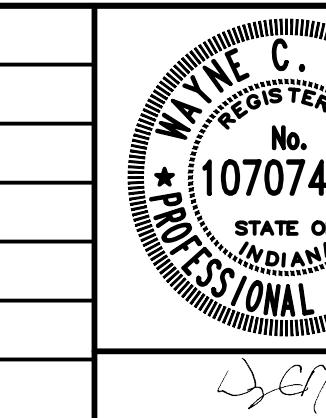
TOTAL SHEETS  
**15**

LIGHTING	
A	#
SURFACE/PENDANT MOUNTED LIGHT	
Fixture letter denotes type, # denotes	
Circuit, shading denotes emergency	
and/or night light	
A	#
SURFACE/PENDANT MOUNTED LIGHT	
Fixture letter denotes type, # denotes	
Circuit, shading denotes emergency	
and/or night light	
A	#
RECESS MOUNTED LIGHT FIXTURE LETTER	
denotes type, # denotes circuit,	
shading denotes emergency and/or	
night light	
A	#
RECESS MOUNTED LIGHT FIXTURE LETTER	
denotes type, # denotes circuit,	
shading denotes emergency and/or	
night light	
A	#
H.I.D. OR INCANDESCENT FIXTURE CEILING	
mounted letter denotes type, #	
denotes circuit	
A	# OR A
WALL MOUNTED FIXTURE LETTER	
denotes type, # denotes circuit	
P	
WALL MOUNTED PHOTOCELL	
X	
CEILING MOUNTED EXIT SIGN	
WALL MOUNTED EXIT SIGN	
V	#
EMERGENCY LIGHT FIXTURE #	
denotes circuit	
□	
POLE MOUNTED FIXTURE	
RECEPTACLE	
# ⊕	
DUPLEX RECEPTACLE	
Subscript denotes type: UPS	
denotes uninterruptible power supply	
# denotes circuit	
⊖	
SINGLE OUTLET RECEPTACLE	
⊕	
SPECIAL PURPOSE OUTLET	
⊖ ⊕	
MULTI-OUTLET RECEPTACLE SINGLE	
⊖ ⊕ ⊕	
MULTI-OUTLET RECEPTACLE DUPLEX	
●	
240 VOLT RECEPTACLE	
PANELS AND BOXES	
JB	
JUNCTION BOX	
PB	
PULL BOX	
□	
PANEL	
HVAC AND FIRE ALARM	
■	
FIRE ALARM PULL STATION	
■	
FIRE ALARM CONTROL PANEL	
■	
ANNUNCIATOR	
■	
HORN/LIGHT DEVICE	
DD	
DUCT DETECTOR	
③	Z
SMOKE DETECTOR SUBSCRIPT	
denotes type:	
Z denotes ionization	
P denotes photoelectric	
T denotes thermal	
T	
THERMOSTAT	
R	
AMBIENT TEMPERATURE TRANSMITTER	
□	
UNIT HEATER	
W	#
WALL MOUNTED GAS DETECTION FIXTURE	
SWITCHES	
\$	3
WALL SWITCH	
Subscript denotes type:	
No subscript denotes single pole	
3 denotes 3 way	M denotes manual
4 denotes 4 way	MOTOR STARTER
□	
MOTOR STARTER	
□	
COMBINATION MOTOR STARTER	
□	
DISCONNECT SWITCH	
□	
FUSED DISCONNECT SWITCH	
□	
UNIT DISC SWITCH	
□	
LOCAL CONTROL STATION	
SS	
SPEED SWITCH	

WIRING	
→	CONDUIT HOME RUN
—	CONDUIT EXPOSED
—	CONDUIT CONCEALED
—	FLEXIBLE CONDUIT
SCHEMATICS	
H O A	3-POSITION SELECTOR SWITCH HAND - OFF - AUTO
START	PUSHBUTTON SWITCH N.O. TEXT DENOTES LEGEND PLATE
STOP	PUSHBUTTON SWITCH N.C. TEXT DENOTES LEGEND PLATE
E-STOP	MUSHROOM HEAD EMERGENCY STOP PUSHBUTTON SWITCH N.C. MAINTAINED TEXT DENOTES LEGEND PLATE
STOP	PUSHBUTTON SWITCH N.C. WITH LOCK-OUT TEXT DENOTES LEGEND PLATE
L.O.	DISCONNECT SWITCH N.O.
—	DISCONNECT SWITCH N.C.
TS	TEMPERATURE SWITCH OR THERMOSTAT N.O. TEXT DENOTES TAG NUMBER
TS	TEMPERATURE SWITCH OR THERMOSTAT N.C. TEXT DENOTES TAG NUMBER
PS	PRESSURE SWITCH N.O. TEXT DENOTES TAG NUMBER
PS	PRESSURE SWITCH N.C. TEXT DENOTES TAG NUMBER
LS	LEVEL SWITCH N.O. TEXT DENOTES TAG NUMBER
LS	LEVEL SWITCH N.C. TEXT DENOTES TAG NUMBER
TR	ON DELAY TIMED SWITCH N.O.T.C. TEXT DENOTES TAG NUMBER
TR	ON DELAY TIMED SWITCH N.C.T.O. TEXT DENOTES TAG NUMBER
TR	OFF DELAY TIMED SWITCH N.O.T.O. TEXT DENOTES TAG NUMBER
TR	OFF DELAY TIMED SWITCH N.C.T.C. TEXT DENOTES TAG NUMBER
TS	TORQUE SWITCH TEXT DENOTES TAG NUMBER
LS	LIMIT SWITCH TEXT DENOTES TAG NUMBER
#	CONTACT (NORMALLY OPEN) # DENOTES COIL NUMBER
#	CONTACT (NORMALLY CLOSED) # DENOTES COIL NUMBER
G	INDICATOR LIGHT - LETTER DENOTES COLOR
G	PUSH-TO-TEST INDICATOR LIGHT LETTER DENOTES COLOR
ETM	ELAPSED TIME METER
SV	SOLENOID VALVE
—	MECHANICAL INTERLOCK CONNECTION
M	COIL M denotes motor starter CR denotes control relay TR denotes time delay relay LC denotes lighting contactor PR denotes interposing pilot relay XXX denotes reference line number



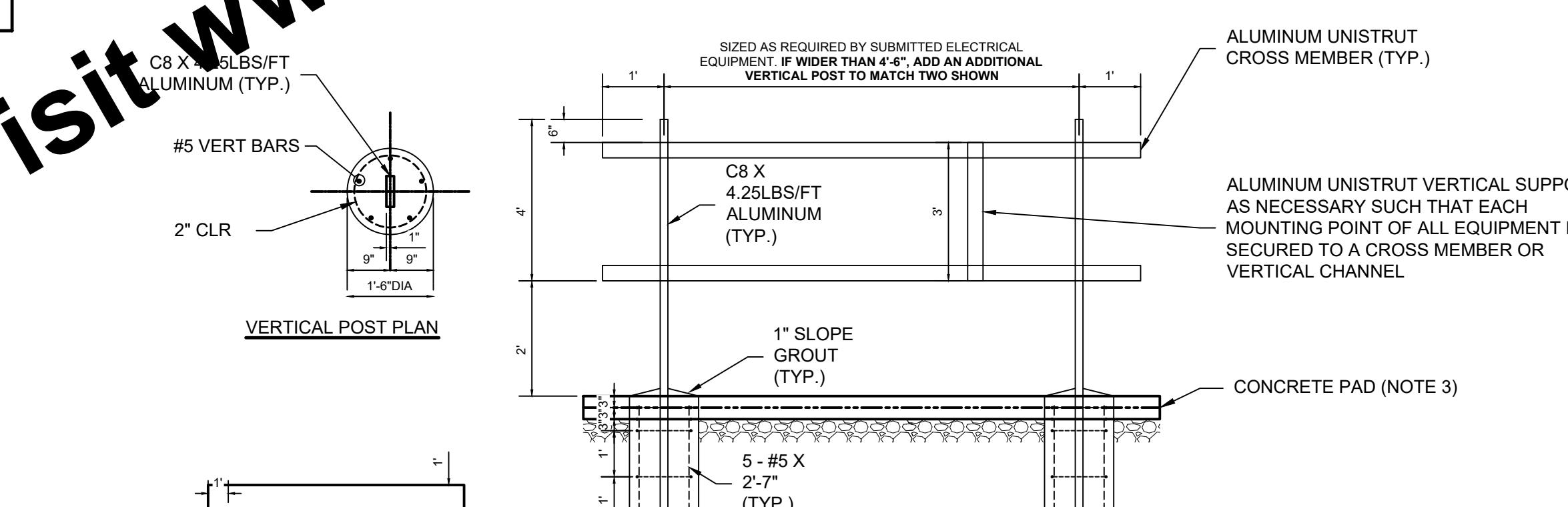
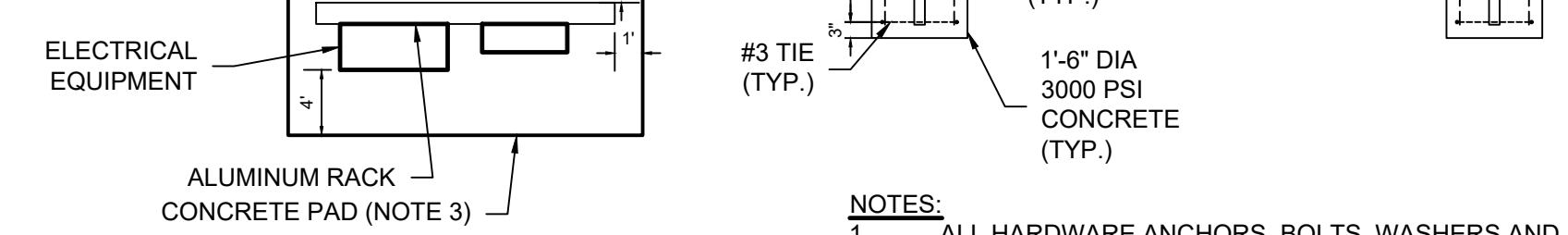
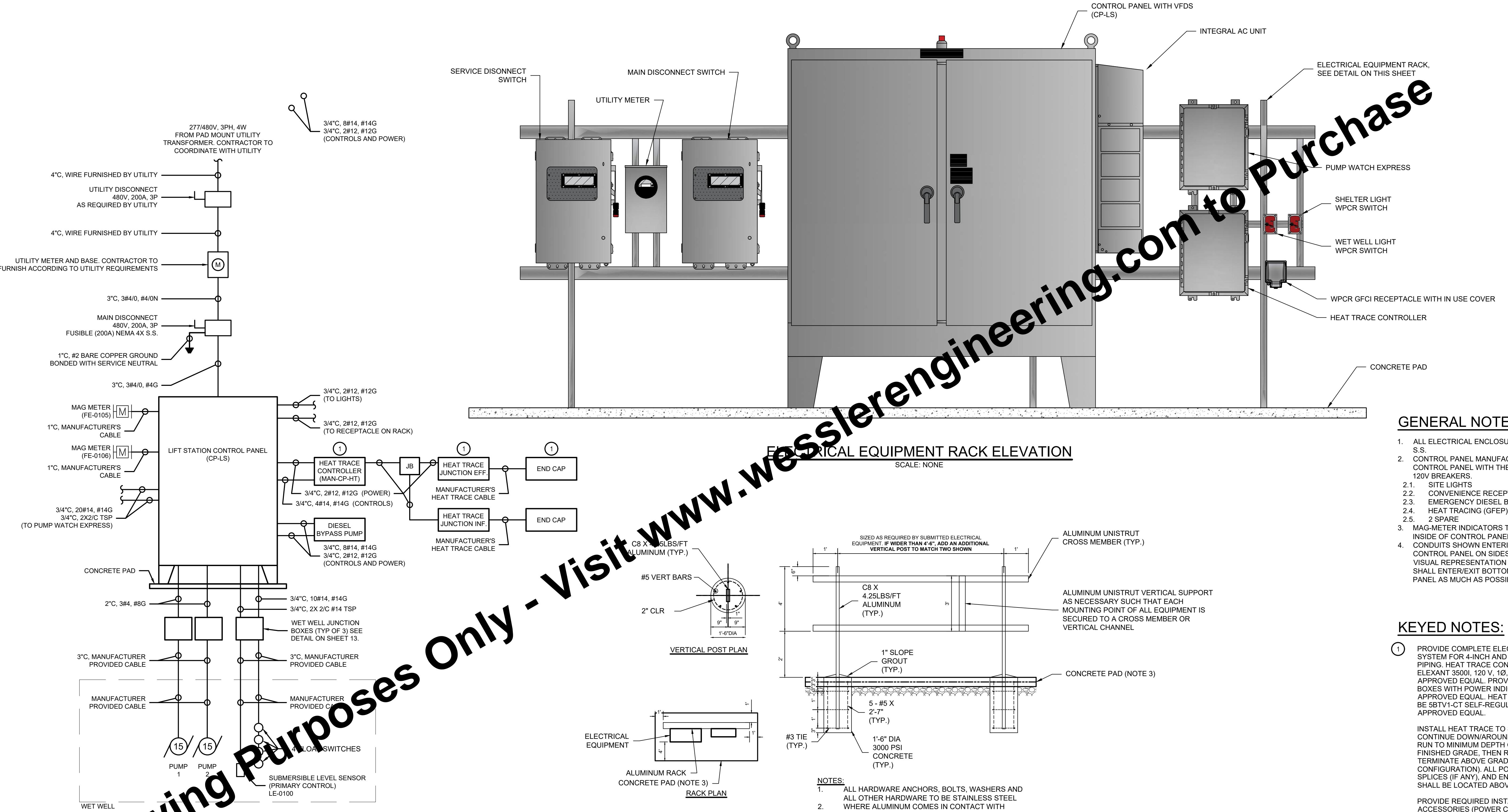
ABBREVIATIONS	
A	AMPERE(S)
ACU	AIR CONDITIONING UNIT
AE	ANALYTICAL SENSOR
AF	AMP FRAME
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AIT	ANALYTICAL INDICATOR TRANSMITTER
AM	AMMETER
AMP	AMPERE(S)
AT	AMP TRIP
ATL	ACROSS THE LINE (STARTER)
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
BKR	BREAKER
BLDG	BUILDING
C	CONDENSER
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CMS	COMBINATION MOTOR STARTER
CP	CONTROL PANEL
CR	CORROSION RESISTANT
CU	COPPER
DF	DUCT FAN
DH	DUCT HEATER
DISC	DISCONNECT
EF	EXHAUST FAN
ELEV	ELEVATION
EMH	ELECTRICAL MANHOLE
EMT	ELECTRICAL METALLIC TUBING
EQUIP	EQUIPMENT
EXP	EXPLOSION PROOF
F	FUSED OR FUSE
FE	FLOW SENSOR
FIT	FLOW INDICATING TRANSMITTER
FLA	FULL LOAD AMPS
FOPP	FIBER OPTIC PATCH PANEL
FVNJR	FULL VOLTAGE (NON) REVERSING
G	GROUND
GEN	GENERATOR
GF	GROUND FAULT
GF(C)I	GROUND FAULT (CIRCUIT) INTERRUPTER
HH-(P/C)	HANDHOLE (POWER/CONTROLS)
HOA	HAND-OFF-AUTOMATIC
HOR	HAND-OFF-REMOTE
HP	HORSEPOWER
JB	JUNCTION BOX
KV	KILOVOLTS
KVA	KILOVOLTS AMPS
KVAR	KILOVAR
KW	KILOWATTS
LCP	LOCAL CONTROL PANEL
LCS	LOCAL CONTROL STATION
LE	LEVEL SENSOR
LIT	LEVEL INDICATING TRANSMITTER
LOR	LOCAL-OFF-REMOTE
LP	LIGHTING PANEL
LTG	LIGHTING
LV	LOW VOLTAGE
UGE	UNDERGROUND ELECTRICAL
UGT	UNDERGROUND TELEPHONE
UGCC	UNDERGROUND CONTROLS CABLE
UGF	UNDERGROUND FIBER
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES
UNO	UNLESS NOTED OTHERWISE
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
VM	VOLTMETER
VS	VOLTMETER SWITCH
W	WIRE/WATT
WH	WATER HEATER
WP	WEATHERPROOF
XFMR	TRANSFORMER



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TMMI EXPANSION WASTEWATER SYSTEM UPGRADES PHASE 1 - RYDER LIFT STATION		SHEET NO.
CITY OF PRINCETON, INDIANA		11
ELECTRICAL SYMBOLS AND ABBREVIATIONS		15

SCALE VERIFICATION	
DRAWN BY	JLK
CHECKED BY	WCM
APPROVED BY	WCM
ISSUE DATE	JANUARY 2026
PROJECT NUMBER	285424-04-001
BAR IS ONE INCH LONG ON ORIGINAL DRAWING	



## GENERAL NOTES:

1. ALL ELECTRICAL ENCLOSURES TO BE NEMA 4X S.S.
2. CONTROL PANEL MANUFACTURER TO PROVIDE CONTROL PANEL WITH THE FOLLOWING EXTRA 120V BREAKERS.
  - 2.1. SITE LIGHTS
  - 2.2. CONVENIENCE RECEPTACLE
  - 2.3. EMERGENCY DIESEL BYPASS PUMP
  - 2.4. HEAT TRACING (GFEP)
  - 2.5. 2 SPARE
3. MAG-METER INDICATORS TO BE LOCATED INSIDE OF CONTROL PANEL
4. CONDUITS SHOWN ENTERING/EXITING CONTROL PANEL ON SIDES AND TOP FOR VISUAL REPRESENTATION ONLY. CONDUITS SHALL ENTER/EXIT BOTTOM OF CONTROL PANEL AS MUCH AS POSSIBLE. CONDUITS S.

## KEYED NOTES:

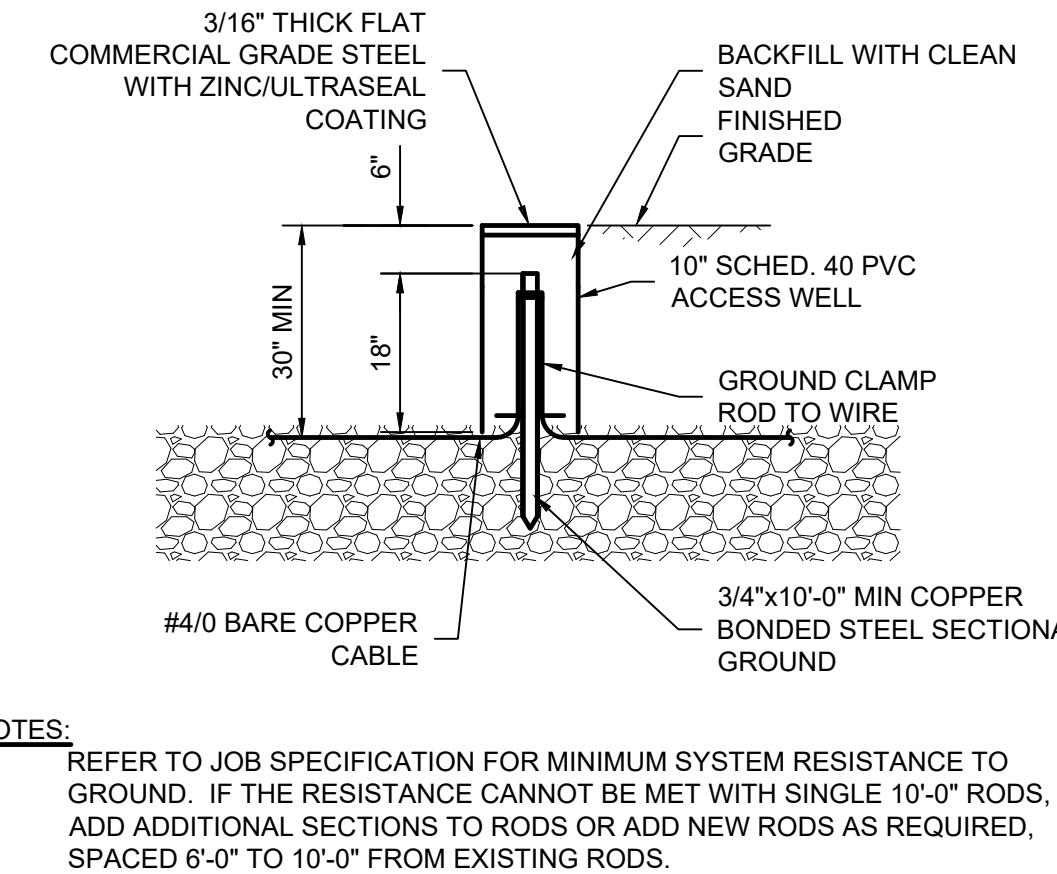
1 PROVIDE COMPLETE ELECTRIC HEAT TRACING SYSTEM FOR 4-INCH AND 6-INCH DUCTILE IRON PIPING. HEAT TRACE CONTROLLER SHALL BE ELEXANT 3500I, 120 V, 1Ø, WITH GFEP, OR APPROVED EQUAL. PROVIDE JBS-100 JUNCTION BOXES WITH POWER INDICATION LIGHTS OR APPROVED EQUAL. HEAT TRACE CABLE SHALL BE 5BTV1-CT SELF-REGULATING CABLE OR APPROVED EQUAL.

INSTALL HEAT TRACE TO START ABOVE GRADE,

CONTINUE DOWN/AROUND THE BURIED PIPE RUN TO MINIMUM DEPTH OF 42 INCHES BELOW FINISHED GRADE, THEN RETURN AND TERMINATE ABOVE GRADE (LOOP CONFIGURATION). ALL POWER CONNECTIONS, SPLICES (IF ANY), AND END TERMINATIONS SHALL BE LOCATED ABOVE GRADE ONLY.

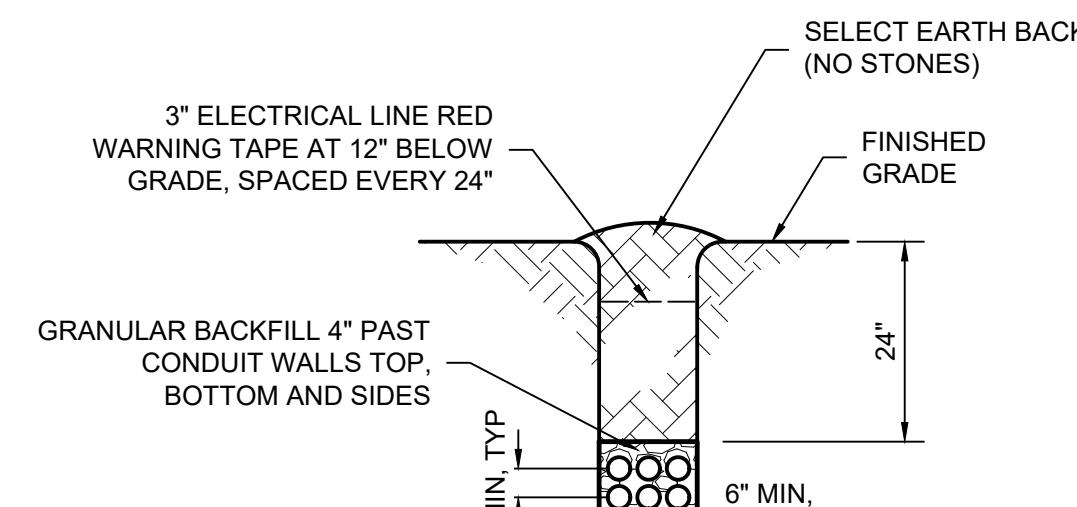
PROVIDE REQUIRED INSTALLATION  
ACCESSORIES (POWER CONNECTION KITS, END  
SEALS, SUPPORTS, WIRING, CONDUIT, ETC.) PER  
MANUFACTURER. PROVIDE ALARM DRY  
CONTACT OUTPUT TO CP-1 S.

SCALE VERIFICATION		DRAWN BY	JLK	NO.	DATE	INITIALS	REVISION DESCRIPTIONS		<b>TMMI EXPANSION WASTEWATER SYSTEM UPGRADES PHASE 1 - RYDER LIFT STATION</b> <b>CITY OF PRINCETON, INDIANA</b> <b>ELECTRICAL ONE LINE DIAGRAM AND DETAILS</b> 	SHEET NO.	
BAR IS ONE INCH LONG ON ORIGINAL DRAWING		CHECKED BY	WCM							12	
		APPROVED BY	WCM							TOTAL SHEETS	
		ISSUE DATE								15	
		JANUARY 2026									
		PROJECT NUMBER									
285424-04-001											



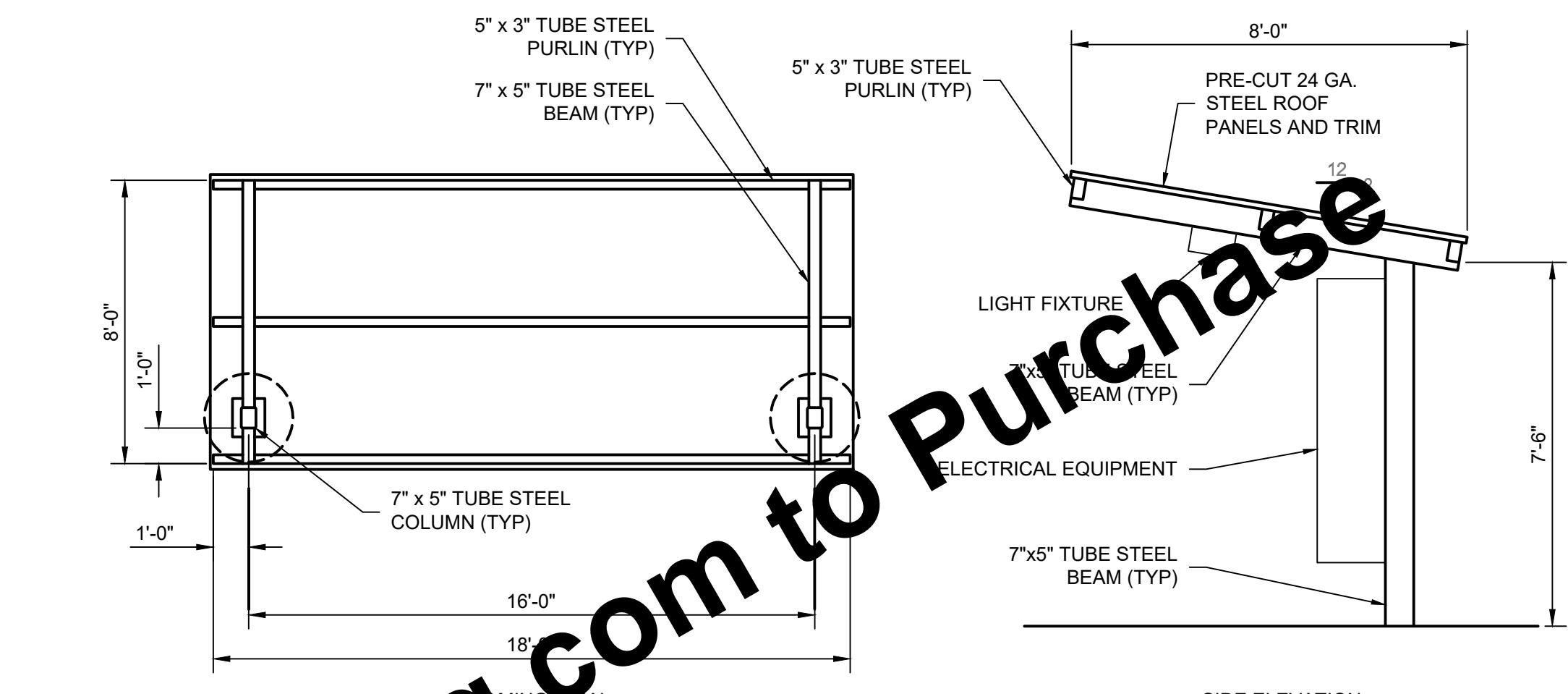
ELECTRICAL INSTALLATION  
AND GROUND ROD ASSEMBLY

SCALE: NONE



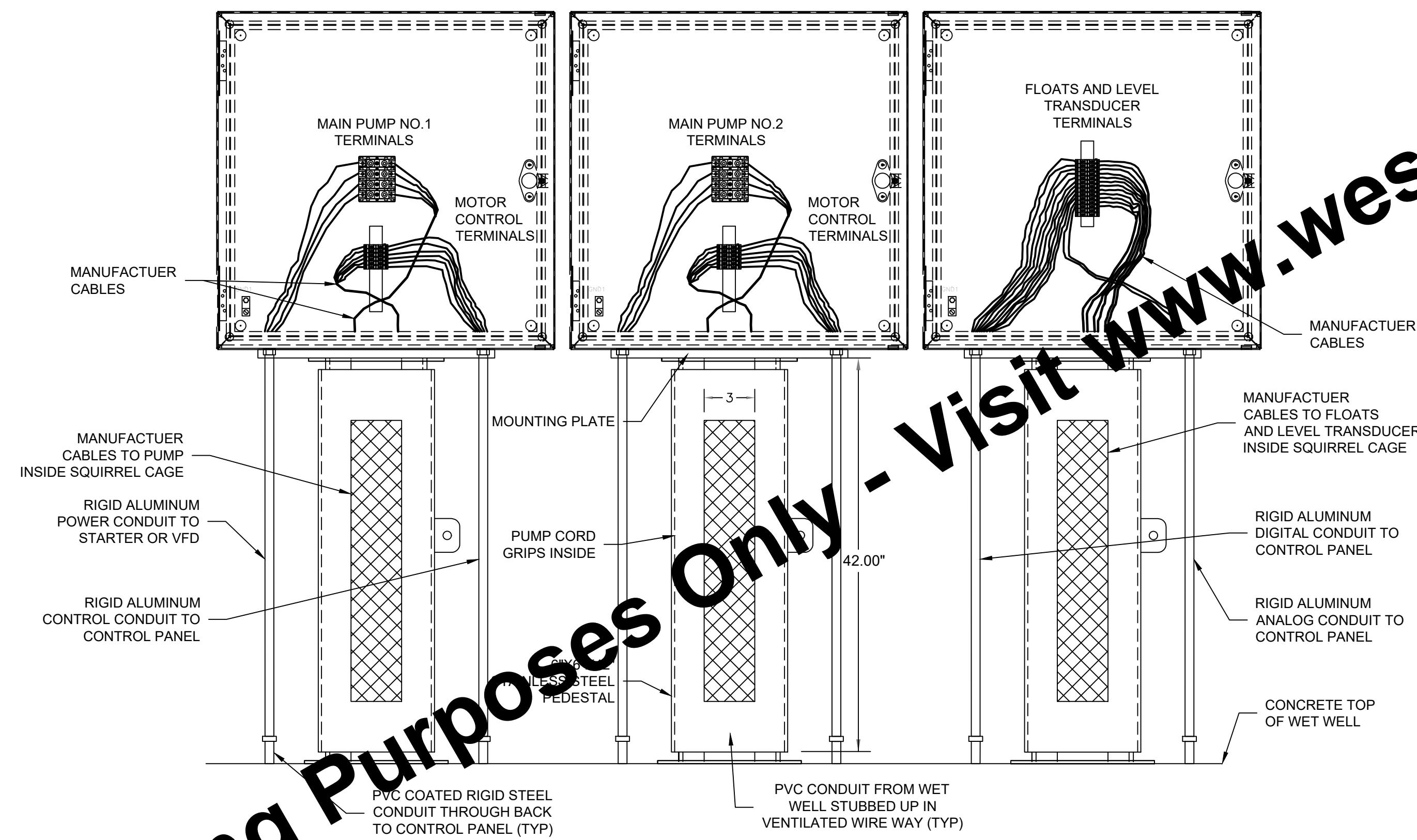
CONDUIT TRENCH

SCALE: NONE



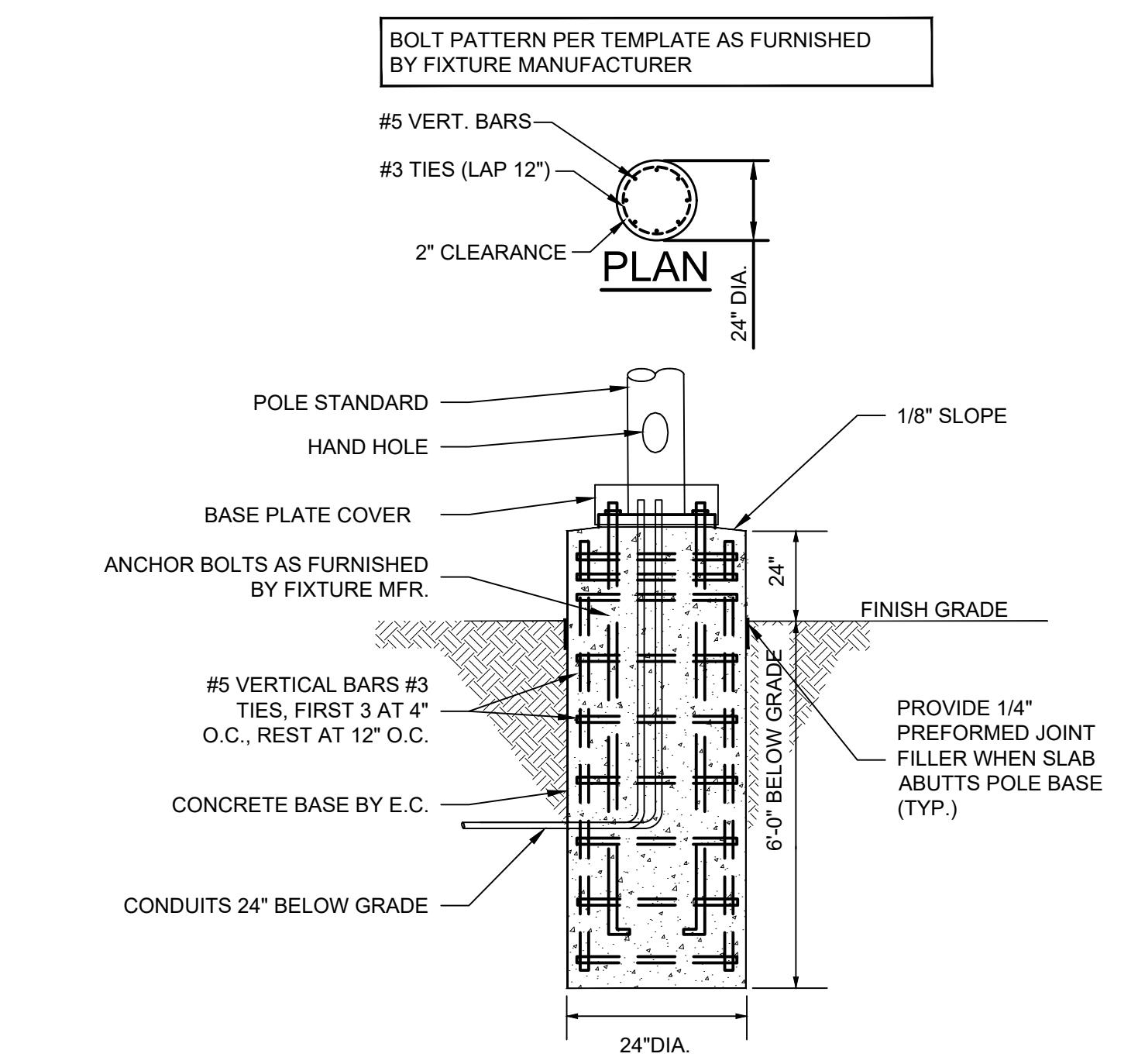
ELECTRICAL EQUIPMENT SHELTER

SCALE: NONE



MOTOR AND SENSOR JUNCTION BOXES FOR  
WET WELLS AND CLASSIFIED AREAS

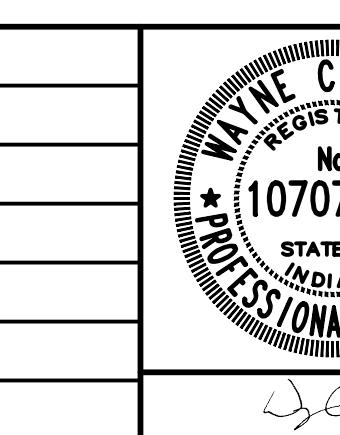
SCALE: NONE



LIGHTING POLE BASE

SCALE: NONE

SCALE VERIFICATION	DRAWN BY	JLK	NO.	DATE	INITIALS	REVISION DESCRIPTIONS
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	APPROVED BY	WCM				
	ISSUE DATE					
	JANUARY 2026					
	PROJECT NUMBER					
28542-04-001						



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**TMMI EXPANSION WASTEWATER SYSTEM UPGRADES PHASE 1 - RYDER LIFT STATION**

CITY OF PRINCETON, INDIANA

**ELECTRICAL DETAILS**

SHEET NO.

**13**

TOTAL SHEETS

**15**

#### VALVE SYMBOLS

	ECCENTRIC PLUG
	THREE - WAY
	BUTTERFLY
	BALL
	GLOBE
	PRESSURE RELIEF
	AIR RELEASE AND VACUUM RELIEF
	GATE
	KNIFE GATE
	CONSTANT VOLUME FLOW REGULATOR
	MUD
	BALL CHECK
	SWING CHECK
	SPLIT DISC CHECK
	REGULATED SIDE PRESSURE CONTROL
	PINCH
	DIAPHRAGM
	NEEDLE
	CALIBRATED BALANCE
	SOLENOID

#### GATE SYMBOLS

	SLUICE GATE
	WEIR GATE
	SLIDE GATE
	FLAP GATE
	STOP GATE
	WEIR AND STOP GATE

#### VALVE AND GATE POWER ACTUATOR SYMBOLS

	ELECTRIC MOTOR
	HYDRAULIC WITH SOLENOID
	ELECTRIC MOTOR WITH POSITIONER
	HYDRAULIC WITH POSITIONER
<p> PNEUMATIC WITH POSITIONER</p> <p>XX: FC = FAIL CLOSED FIP = FAIL INTERMEDIATE POSITION FIP = FAIL TO LAST POSITION FO = FAIL OPEN</p>	
<p> PNEUMATIC WITH SOLENOID</p> <p>NOTE: XX = FAIL POSITION ON LOSS OF PRIMARY POWER (PNEUMATIC OR ELECTRICAL)</p>	

#### FLOW ELEMENTS SYMBOLS

	WEIR PLATE
	CLAMP ON ULTRASONIC FLOWMETER
	PARSHALL FLUME
	MAGNETIC FLOWMETER
	VENTURI OR FLOW TUBE
	AREA VELOCITY FLOWMETER
	PROPELLER OR TURBINE METER
	ORIFICE METER

#### MISCELLANEOUS SYMBOLS

	ORTHO PHOSPHATE ELEMENT
	SUBMERSIBLE MIXER
	PROBE
	AIR COMPRESSOR
	ELECTRIC MOTOR
	FLOATING MIXER
	MANUAL SAMPLE PORT
	FLAME TRAP AND THERMAL SHUTOFF ASSEMBLY
	AUTOMATIC DRAIN
	BLIND FLANGE OR CLEAN OUT
	AIR GAP
	MANUAL DRIP TRAP
	STRAINER
	DIAPHRAGM SEAL
	ANNULAR SEAL
	FLOW STRAIGHTENING VANE
	AUTOMATIC SAMPLER
	CALIBRATION CHAMBER
	DIFFUSER
	BUBBLER LEVEL ELEMENT
	VENT
	RUPTURE DISK
	SELF CONTAINED AIR SUPPLY
	PURGE SET X = WATER A = AIR
	SUBMERSIBLE PRESSURE
	NON-CONTACT RADAR
	ULTRASONIC
	CAPACITANCE FLOAT STICK
	FLOAT

#### PUMP AND COMPRESSOR SYMBOLS

	SUBMERSIBLE PUMP
	COMPRESSOR (PISTON)
	CENTRIFUGAL BLOWER
	CHEMICAL FEED PUMP
	PLUNGER PUMP
	CENTRIFUGAL PUMP (DRY PIT)
	VERTICAL TURBINE PUMP
	DIAPHRAGM PUMP
	PROGRESSING CAVITY PUMP
	LOBE PUMP, BLOWER OR COMPRESSOR (POSITIVE DISPLACEMENT)
	PERISTALTIC PUMP

#### FLOW STREAM IDENTIFIERS

SEE PROCESS - MECHANICAL LEGEND

#### INPUTS AND OUTPUTS TO PLC OR DISTRIBUTED CONTROL

	ANALOG INPUT
	ANALOG OUTPUT
	PULSE INPUT
	PULSE OUTPUT
	DIGITAL INPUT
	DIGITAL OUTPUT

NOTE:  
X = TOTAL NUMBER OF SIGNALS WHERE MORE THAN ONE SIGNAL IS REQUIRED. IF QUANTITY IS NOT SHOWN THEN ONE SIGNAL IS REQUIRED.

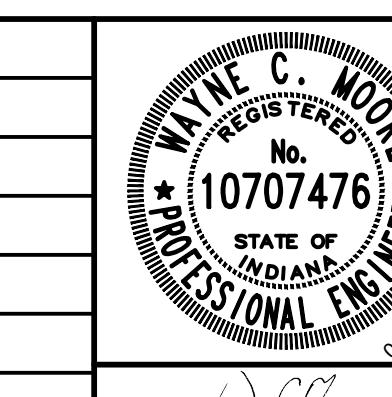
#### GENERAL NOTE:

1. THIS IS A STANDARD LEGEND. NOT ALL THE INFORMATION SHOWN ON THIS LEGEND IS USED IN THESE CONTRACT DRAWINGS.

#### TMMI EXPANSION WASTEWATER SYSTEM UPGRADES PHASE 1 - RYDER LIFT STATION

CITY OF PRINCETON, INDIANA

#### PROCESS AND INSTRUMENTATION LEGEND



**WESSLER**  
ENGINEERING  
More than a Project™

SHEET NO.  
**14**

TOTAL SHEETS  
**15**

