

CITY OF LITCHFIELD - PROJECT WESLEY SEWER MAIN EXTENSION WEST OF I-55

CITY OF LITCHFIELD MONTGOMERY COUNTY, ILLINOIS

INDEX OF SHEETS

1	COVER SHEET
2	LEGEND AND NOTES
3	SHEET LAYOUT
4	PLAN & PROFILE
5	PLAN & PROFILE
6	PLAN & PROFILE
7	PLAN & PROFILE
8	SANITARY DETAILS
9	INDUSTRIAL PUMP STATION DETAIL
10	LLCC PUMP STATION DETAIL
11	METER VAULT DETAIL
12	ELECTRICAL SERVICE - PANEL DETAIL
13	ELECTRICAL SERVICE - CONTROL PANEL

FACILITY NUMBER: IL0020621
IEPA PERMIT NUMBER: 2018-IA-63626

DATE: March 12, 2019

MAYOR
STEVE DOUGHERTY

COUNCIL MEMBERS

DWAYNE GERL
MARILYN SISSON
DAVE HOLLO
MARK BROWN
TIM WRIGHT
KASSIDY PAINE
WOODY STREET
RAY KELLENBERGER

TONYA FLANNERY - CITY ADMINISTRATOR
CAROL BURKE - CITY CLERK
KIT HANTLA - CITY ATTORNEY

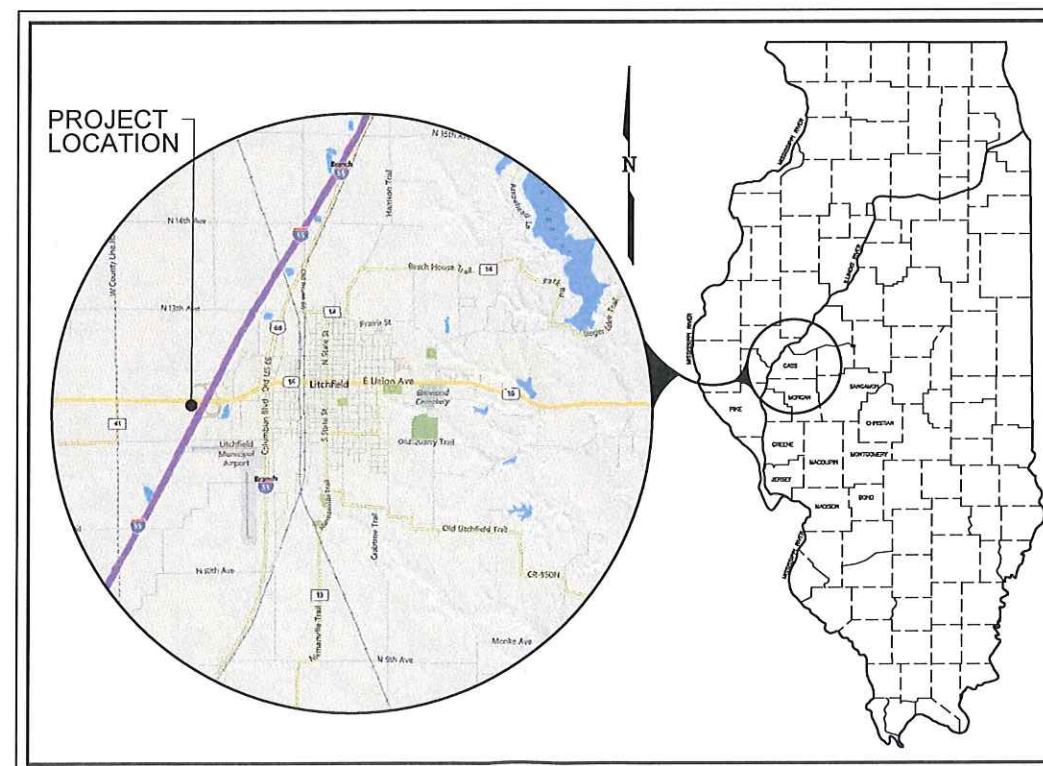


811 or 800-892-0123

Contractor to contact J.U.L.I.E. prior to any excavation or demolition for the location of any pipes, cables, lines, mains, etc. The contractor shall also coordinate any disconnection required with the various utility companies and/or governmental agencies serving the site.

Underground facilities, structures and utilities have been plotted from available surveys and records. Their locations must be considered to be approximate only. It is possible there may be others, the existence of which is not presently known or shown. It is the contractor's responsibility to determine their existence and exact location and to avoid damage thereto.

DIG LOG#



LOCATION MAP



Ronald M. Paul
RONALD M. PAUL
REG. ILLINOIS P.E. #56307

EXP. NOVEMBER 30, 2019



HENEGHAN AND ASSOCIATES, P.C.
ENGINEERS-SURVEYORS

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DESIGN FIRM NUMBERS: IL:184-002692, EXPIRES APRIL 30, 2019
MO: 001310, EXPIRES DECEMBER 31, 2019

1004 STATE HWY. 16
JERSEYVILLE, ILLINOIS 62052
PHONE NO. (618) 498-6418
FAX NO. (618) 498-6410

















































































































































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1929 RICHARDSON ROAD
ARNOLD, MISSOURI 63010
PHONE NO. (636) 464-3610
FAX NO. (636) 464-2059

PATH:s:\chicago\clients\02134 - litchfield\500- sewer main extension west of l-55\cad\dwg\civil\2134-500 legend.dwg
PLOTED: 3/12/2019 @ 9:47:37 AM BY: cdl4

SYMBOLS		SYMBOLS		SYMBOLS		LINETYPES	
EXISTING		PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED	
	AXLE		STORM MANHOLE		GAS METER		CENTERLINE
	BOLT		FLOW ARROW		GAS VALVE		CONCRETE ROADS & DRIVES
	BRASS MONUMENT		SANITARY MANHOLE				CONTOUR LINE
	CLENCHED PIPE		CLEANOUT		RAILROAD CROSS BUCK (IDOT)		CULVERT (SIZE & MATERIAL)
	CONCRETE MONUMENT		FLARED END SECTION		RAILROAD FLASHING SIGNAL (IDOT)		EASEMENT
	CUT "X"		TREE (DECIDUOUS)		RAILROAD LIGHTS AND ARM		ELECTRIC
	DRILL ROD		TREE (CONIFEROUS)		RAILROAD MASTING ARM (IDOT)		OVERHEAD ELECTRIC
	IRON PIN/PIPE		STUMP		RAILROAD SIGNAL W/MASTING ARM (IDOT)		ASPHALT ROADS & DRIVES
	R.O.W. MONUMENT		STUMP (TBR)				FENCE
	RAILROAD SPIKE		FIRE HYDRANT				DITCH FLOWLINE
	STONE		WATER VALVE				FLAG (GUTTER)
	TRAVERSE NAIL		WATER METER				GAS
	PROPERTY LINE		MONITORING WELL				GRAVEL ROADS & DRIVES
	AIR CONDITIONING UNIT		SPRINKLER				GUARD RAIL
	BENCHMARK		WATER SPIGOT				RIGHT OF WAY
	BOLLARD		ELECTRIC PEDESTAL				SIDEWALK
	BUSH		ELECTRIC TRANSFORMER				SANITARY SEWER MAIN
	CABLE TV PEDESTAL		LIGHT POLE				SANITARY SEWER LATERAL
	DEADMAN		POWER POLE				SANITARY FORCEMAIN
	DOUBLE POST SIGN		GUY WIRE				SANITARY SERVICE
	FENCE POST		ELECTRIC METER				EXISTING PROPERTY LINE
	MAILBOX		ELECTRIC MANHOLE				SECTION LINE
	SOIL BORING NO. 1		VAULT				SECTION LINE (QUARTER)
	SIGN		TELEPHONE PEDESTAL				SETBACK
	SIGNAL		TELEPHONE MANHOLE				GRADING LIMITS
	AREA INLET (IDOT)		FIBEROPTICS VAULT				PERMANENT SEWER EASEMENT
	CATCH BASIN (IDOT)		FIBEROPTICS WARNING SIGN				TEMPORARY CONSTRUCTION EASEMENT
	CURB INLET (IDOT)						SILT FENCE
	INLET (TYPE A-B)						STORM SEWER
	INLET (TYPE F)						TELEPHONE
	INLET (TYPE G)						OVERHEAD TELEPHONE
	INLET (OPEN)						FIBEROPTIC LINE
	INLET (BEEHIVE)						TREE LINE
	INLINE INLET						WATER MAIN
							WATER SERVICE
							12" WATER MAIN
							10" WATER MAIN
							8" WATER MAIN
							6" WATER MAIN
							4" WATER MAIN
							3" WATER MAIN
							2" WATER MAIN
ABBREVIATIONS		ABBREVIATIONS		ABBREVIATIONS		HATCHING	
ADD	ADDITION	HDPE	HIGH-DENSITY POLYETHYLENE PIPE	SF	SQUARE FEET	EXISTING	
ATG	ADJUST TO GRADE	IN	INCHES	SY	SQUARE YARDS		BUILDINGS/STRUCTURES
AI	AREA INLET	INF	INFLOW	STA	STATION		
AVE	AVENUE	INV	INVERT	SWPP	STORM WATER POLLUTION PREVENTION		CONCRETE
BC	BACK OF CURB	LA	LANE	TBM	TEMPORARY BENCHMARK		
BM	BENCHMARK	LF	LINEAL FOOT	TYP	TYPICAL		ASPHALT
BK	BOOK	MAX	MAXIMUM	TOC	TOP OF CURB		
BLVD	BOULEVARD	MH	MANHOLE	TOA	TOP OF ASPHALT		GRAVEL
BLDG	BUILDING	MJ	MECHANICAL JOINT	TBA	TO BE ABANDONED		
℄	CENTERLINE	MIN	MINIMUM	TBA&F	TO BE ABANDONED AND FILLED		RIPRAP
CJ	CONSTRUCTION JOINT	N/F	NOW AND FORMER	TBR	TO BE REMOVED		
CONC.	CONCRETE	NO	NUMBER	TBR&R	TO BE REMOVED AND REPLACED		PAVEMENT (TBR)
CMP	CORRUGATED METAL PIPE	O/C	OIL AND CHIP	UIP	USE IN PLACE		
CF	CUBIC FEET	OE	OVERHEAD ELECTRIC LINE	VCP	VITREOUS CLAY PIPE		
CY	CUBIC YARDS	PG	PAGE				
CI	CURB INLET	PVMT	PAVEMENT				
DR	DRIVE	POC	POINT OF COMMENCEMENT				
DI	DUCTILE IRON	POB	POINT OF BEGINNING				
ESMT	EASEMENT	PC	POINT OF CURVATURE				
EOA	EDGE ASPHALT	PI	POINT OF INTERSECTION				
EOC	EDGE OF CONCRETE	PROP./PR.	PROPOSED				
ELEV./EL.	ELEVATION	PT	POINT OF TANGENT				
EXIST./EX.	EXISTING	PVC	POLYVINYL CHLORIDE				
EJ	EXPANSION JOINT	PE	PRIVATE ENTRANCE				
FO	FIBEROPTIC LINE	℄	PROPERTY LINE				
FT	FEET	RR	RAILROAD				
F&L	FRAME AND LID	RCA	REINFORCED CONCRETE ELLIPTICAL ARCH PIPE				
FES	FLARED END SECTION	RCE	REINFORCED CONCRETE ELLIPTICAL PIPE				
FB	FLAT BOTTOM	RCP	REINFORCED CONCRETE PIPE				
℄	FLOWLINE	ROW	RIGHT OF WAY				
GI	GRATED INLET	SAN	SANITARY				

BENCHMARK INFORMATION:
HA1

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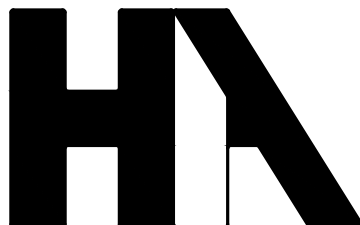
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BENCHMARK INFORMATION:
HA1

HENEGHAN & ASSOCIATES, P.C.

ENGINEERS-SURVEYORS
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DESIGN FIRM NUMBER 184-002692,
EXPIRES APRIL 30, 2017

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P: (618) 466-8076
F: (618) 466-8078

REVISIONS					
DATE					
NO.					

LEGEND AND NOTES

CITY OF LITCHFIELD
MONTGOMERY COUNTY, ILLINOIS

DRAWN BY: CBK
CHECKED BY: EYF
APPROVED BY: RMP

HORIZONTAL SCALE:
AS NOTED

VERTICAL SCALE:
N/A

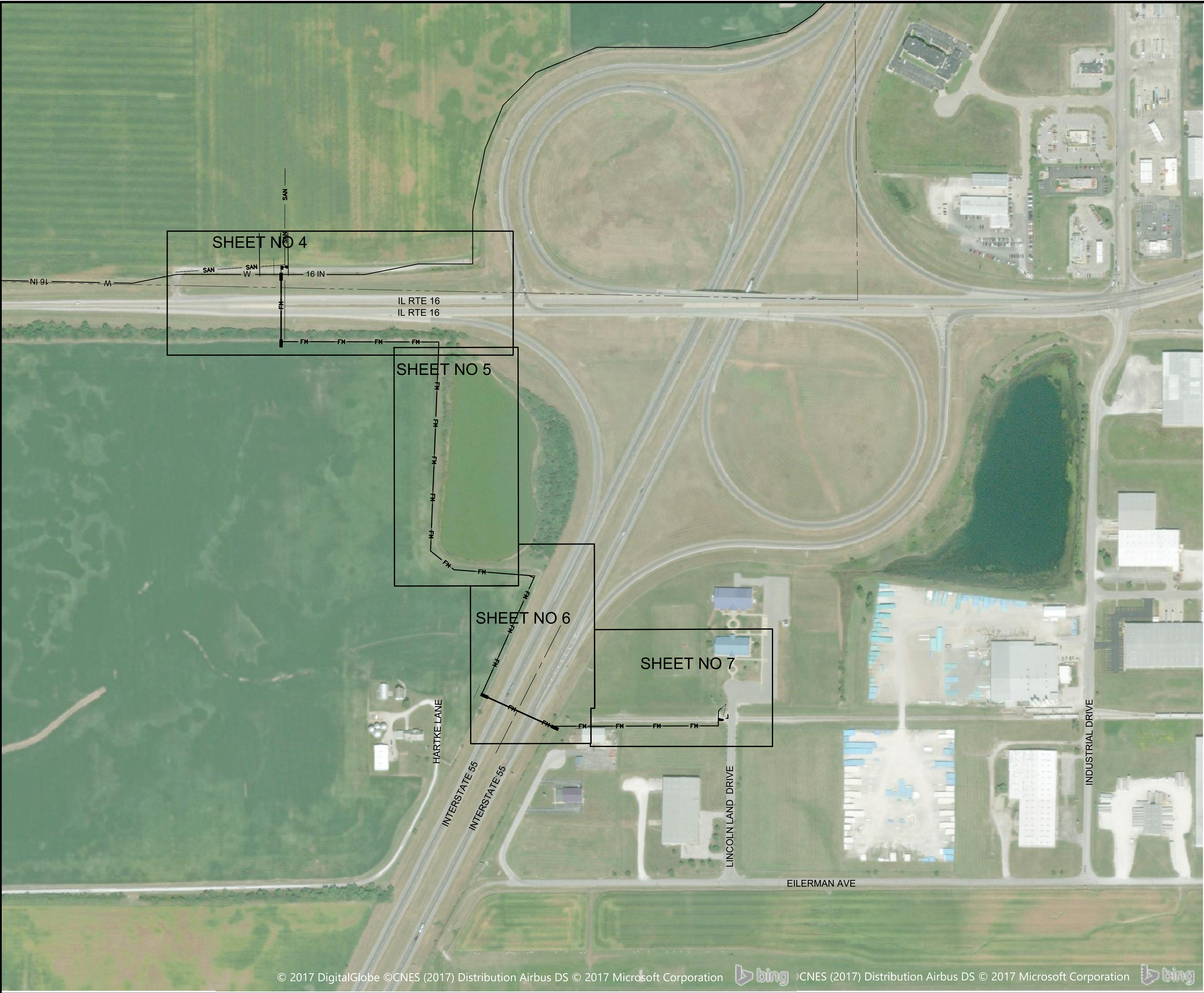
PROJECT NO.
02134-500

DATE:
3/12/19

SHEET NO.
2

2 OF 13 SHEETS

PATH:\ehersa\clients\02134 - litchfield\500- sewer main extension west of I-55\cad\dwg\civil\design.dwg
PLOTED: 3/12/2019 @ 9:45:06 AM BY: c0814



HENEGHAN &
ASSOCIATES, P.C.



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SHEET LAYOUT

SEWER MAIN EXTENSION WEST OF
I-55

CITY OF LITCHFIELD
MONTGOMERY COUNTY, ILLINOIS

DRAWN BY: CBK
CHECKED BY: EYF
APPROVED BY: RMP

HORIZONTAL SCALE:
1"=200'

VERTICAL SCALE:
N/A

PROJECT NO.
02134-500

DATE:
3/12/19

SHEET NO.
3

3 OF 13 SHEETS

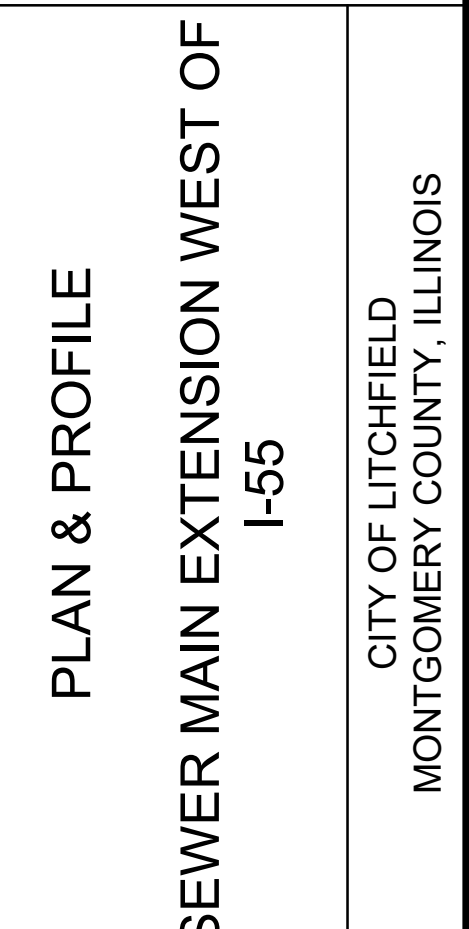
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HORIZONTAL SCALE:
1"=50'

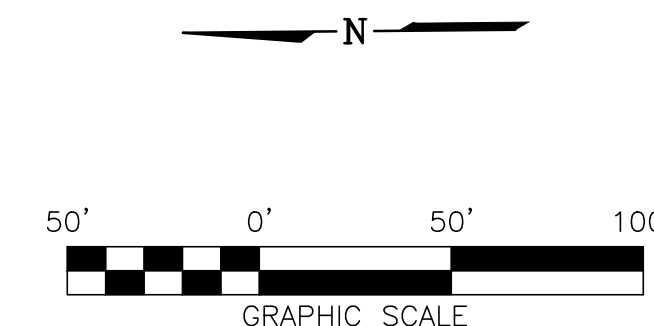
VERTICAL SCALE:
1"=5'

PROJECT NO.	02134-500
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DATE: 3/12/19

SHEET NO. 4

4 OF 13 SHEETS



700																													700
695																													695
690																													690
685																													685
680	<p>42" MINIMUM COVER</p> <p>PROPOSED AIR RELEASE VALVE</p> <p>EXISTING GROUND</p> <p>PROPOSED 8" PVC FORCEMAIN</p>																												680
675																													675
670																													670
665																													665
660																													660
	678.7	679.5	679.7	680.0	680.3	680.7	681.2	681.6	681.7	681.8	682.0	682.0	681.8	681.5	681.0	680.5	679.9	679.4	679.2	678.7	678.6	678.9	679.1	679.5	680.2	680.9			
	20+50	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00														

DATE: 3/12/2013 @ 9:50:09 AM BY: r614

**HENEGHAN &
ASSOCIATES, P.C.**



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F: (618) 533-6652

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COLUMBIA, IL 62236
P: (618) 281-8133
F: (618) 281-8290

☐ 5213 MAE DRIVE, SUITE D
GODFREY, IL 62035
P: (618) 466-8076
F: (618) 466-8078

☐ 1929 RICHARDSON ROAD
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P: (636) 464-3610
F: (636) 464-2059

PLAN & PROFILE				
SEWER MAIN EXTENSION WEST OF I-55				
CITY OF LITCHFIELD MONTGOMERY COUNTY, ILLINOIS				

DRAWN BY:	CBK
CHECKED BY:	EYF
APPROVED BY:	RMP

HORIZONTAL SCALE:
1"=50'

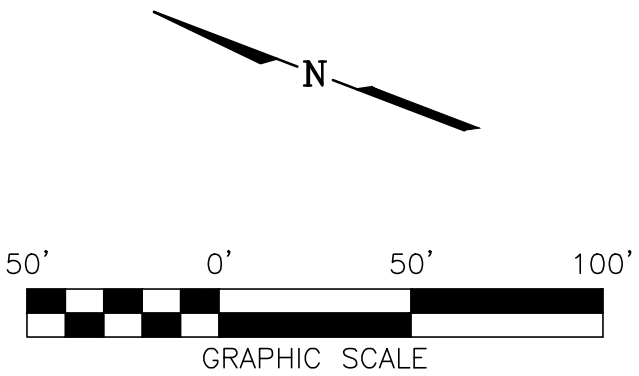
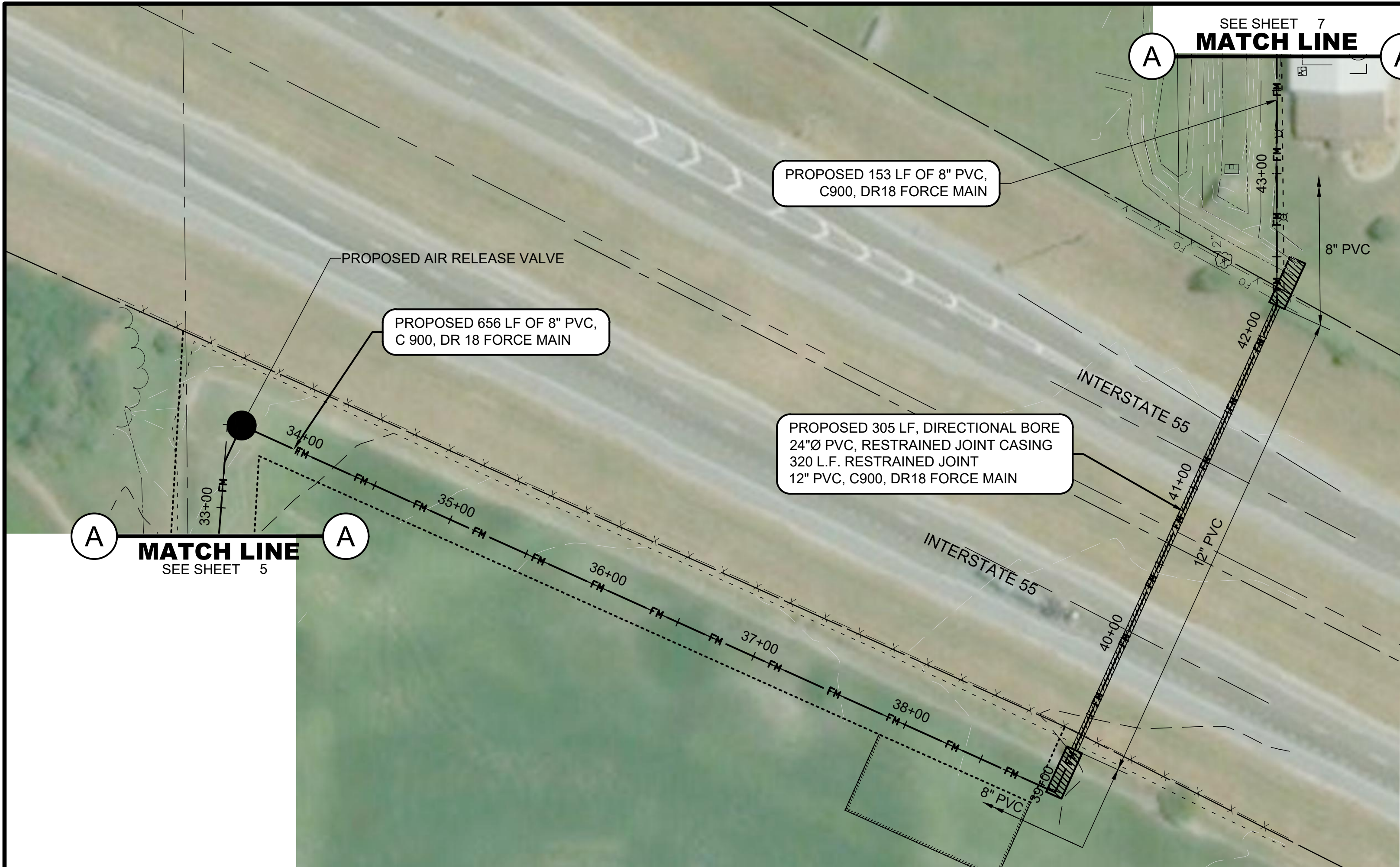
VERTICAL SCALE:
1"=5'

PROJECT NO.
02134-500

DATE: 3/12/19

SHEET NO. 5

5 OF 13 SHEETS



HENEGHAN &
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ENGINEERS-SURVEYORS

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IL: 184-002692, EXPIRES APRIL 30, 2019
MO: 001310, EXPIRES DECEMBER 31, 2019

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PLAN & PROFILE

SEWER MAIN EXTENSION WEST OF
I-55

CITY OF LITCHFIELD
MONTGOMERY COUNTY, ILLINOIS

DRAWN BY: CBK
CHECKED BY: EYF
APPROVED BY: RMP

HORIZONTAL SCALE:
1"=50'

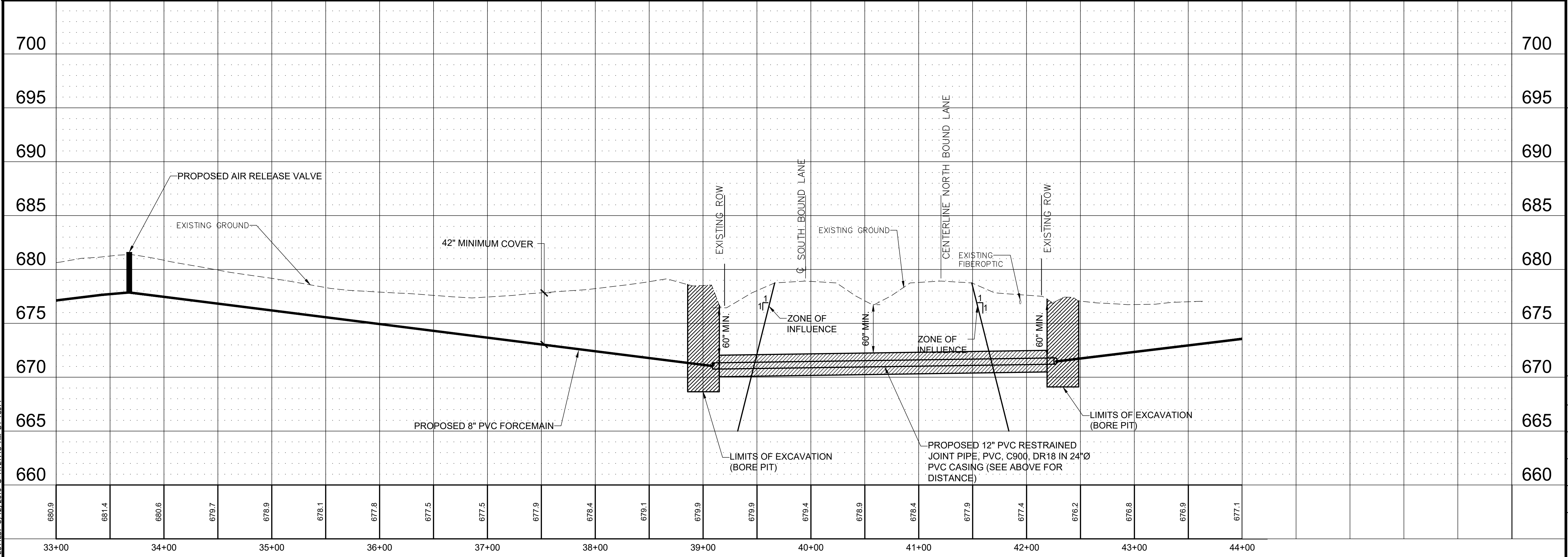
VERTICAL SCALE:
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PROJECT NO.
02134-500

DATE:
3/12/19

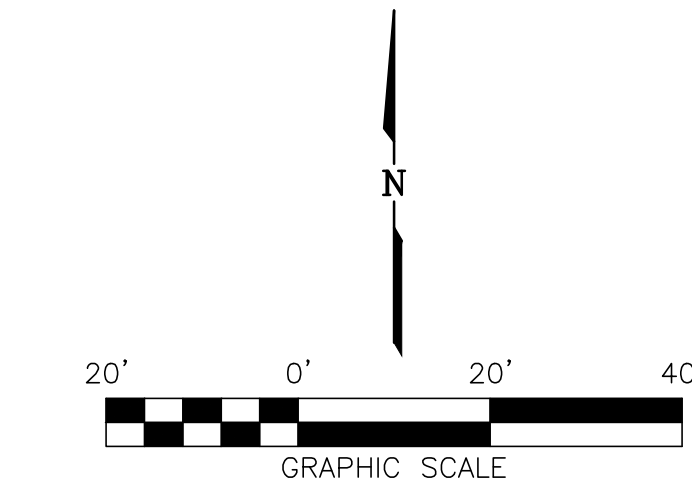
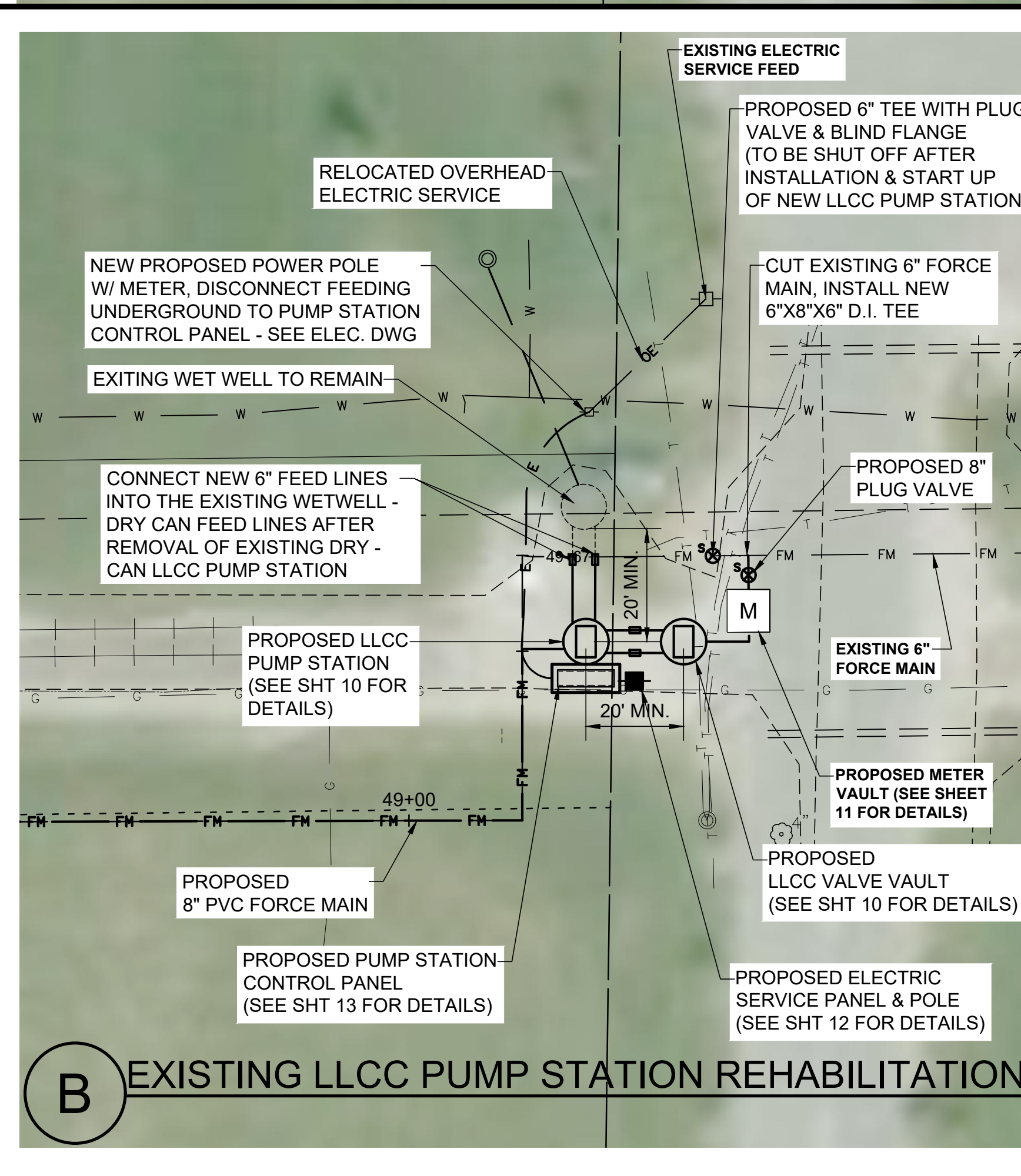
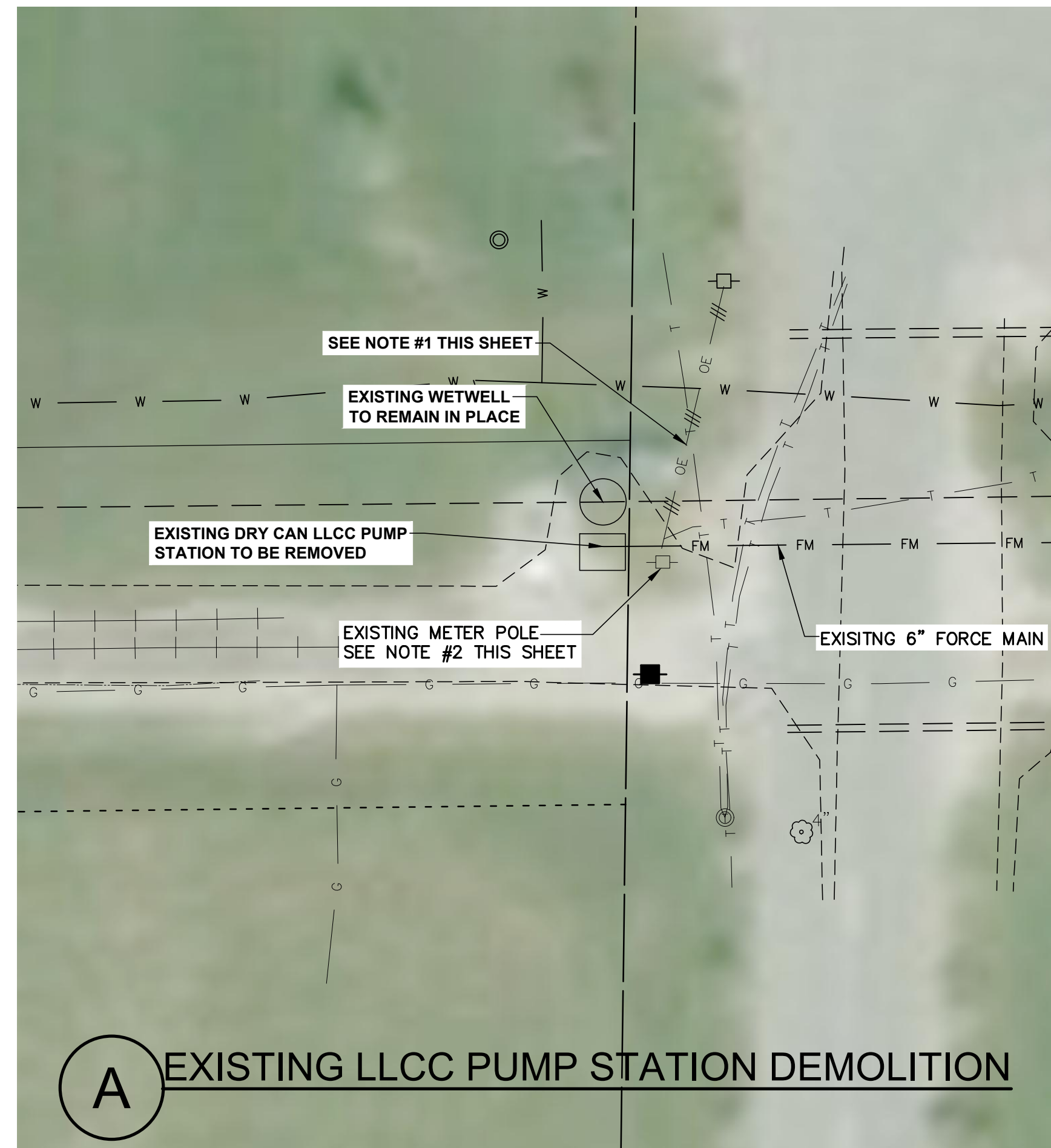
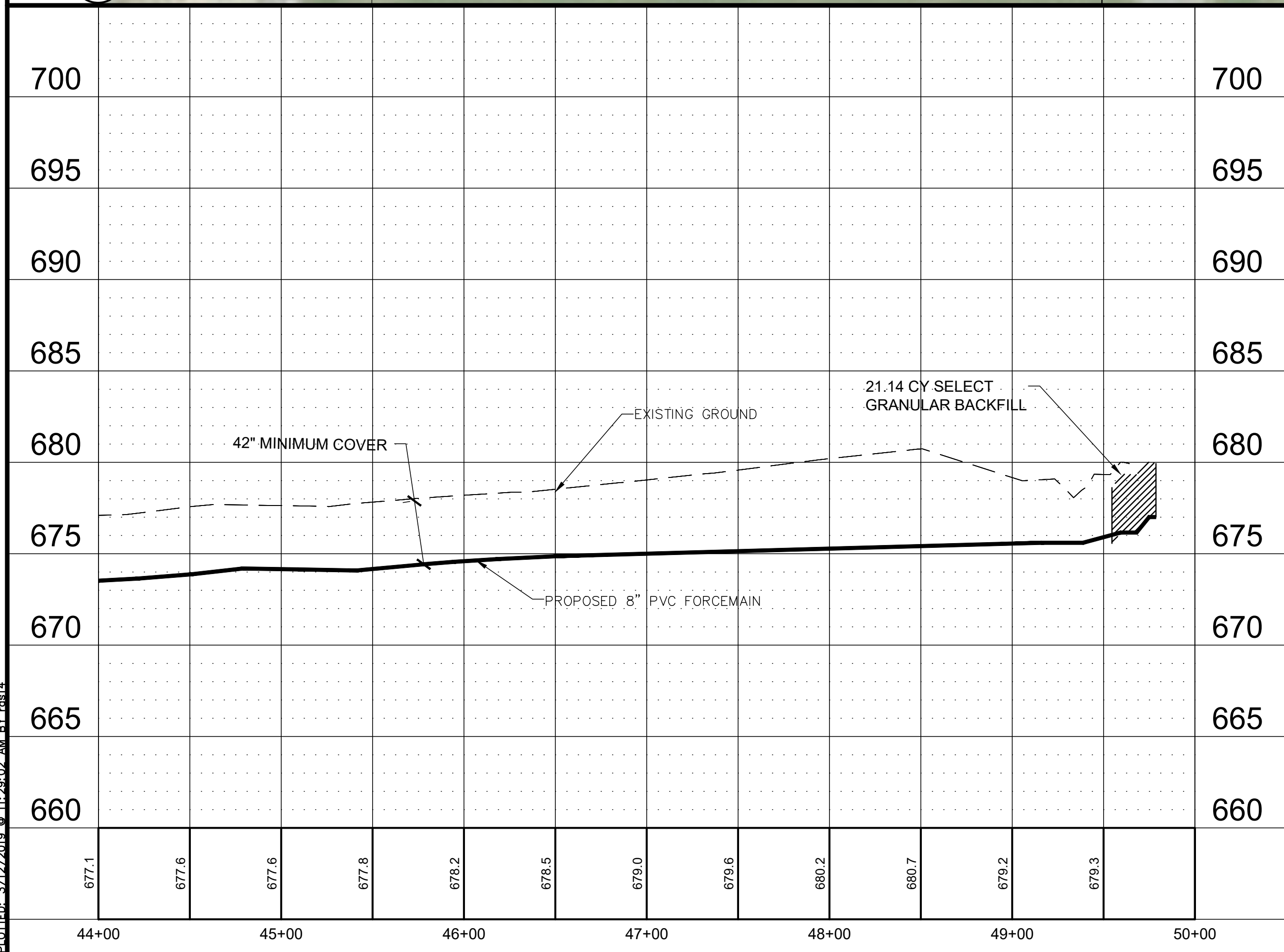
SHEET NO.
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6 OF 13 SHEETS

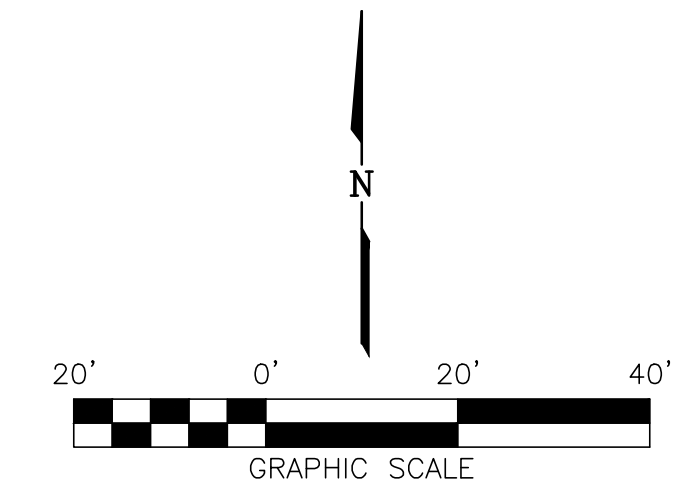


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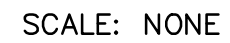
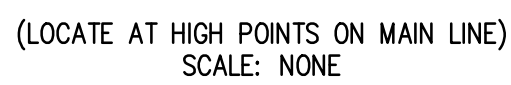
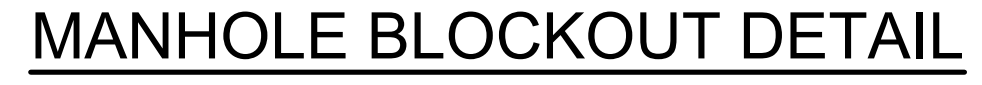
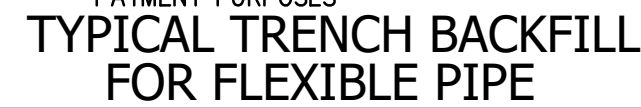
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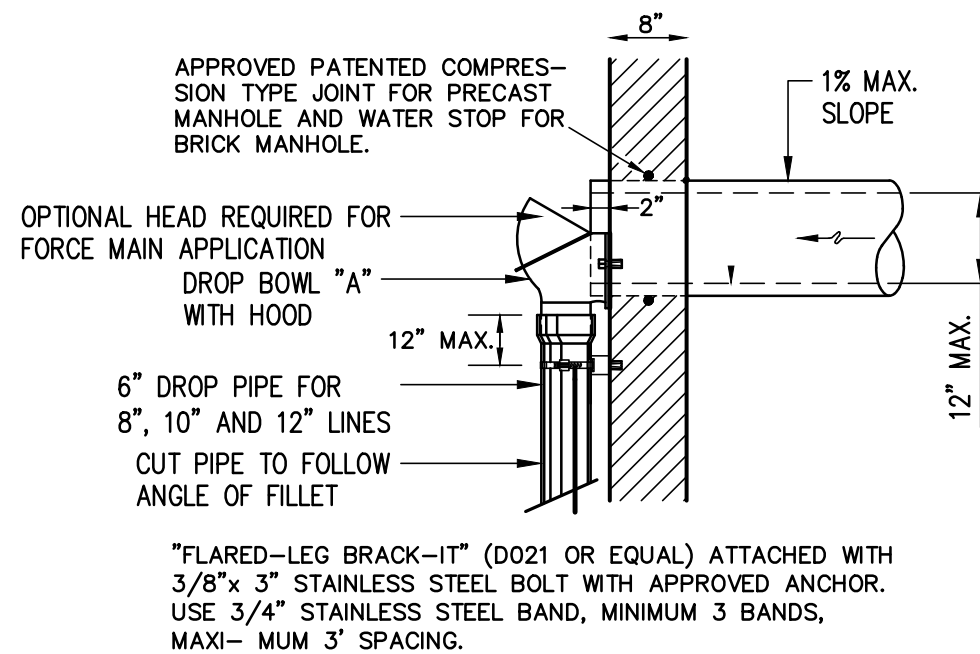


- NOTES:
- EXISTING OVERHEAD ELECTRIC TO BE REMOVED.
 - EXISTING METER, POLE & DISCONNECT TO BE REMOVED.



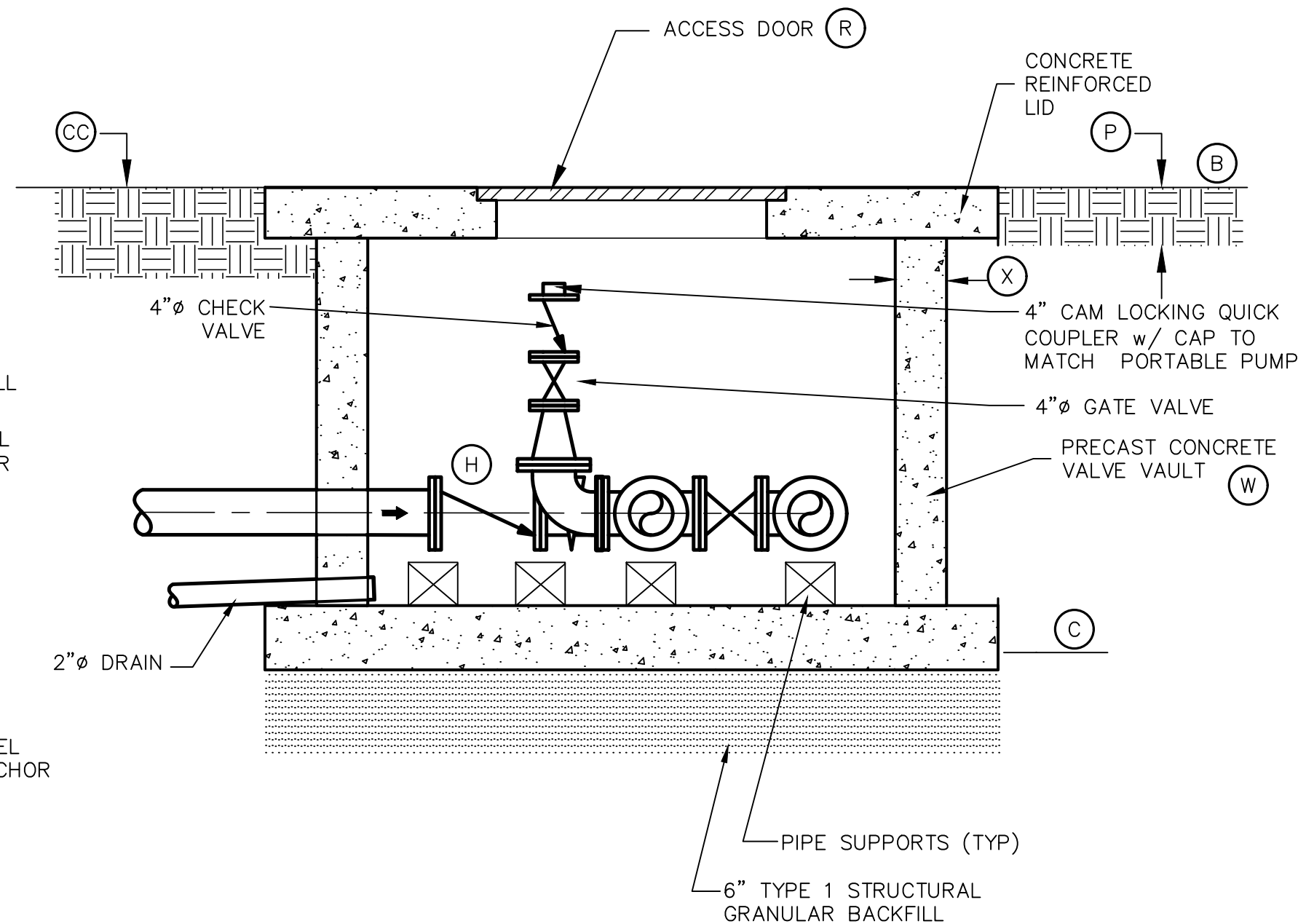
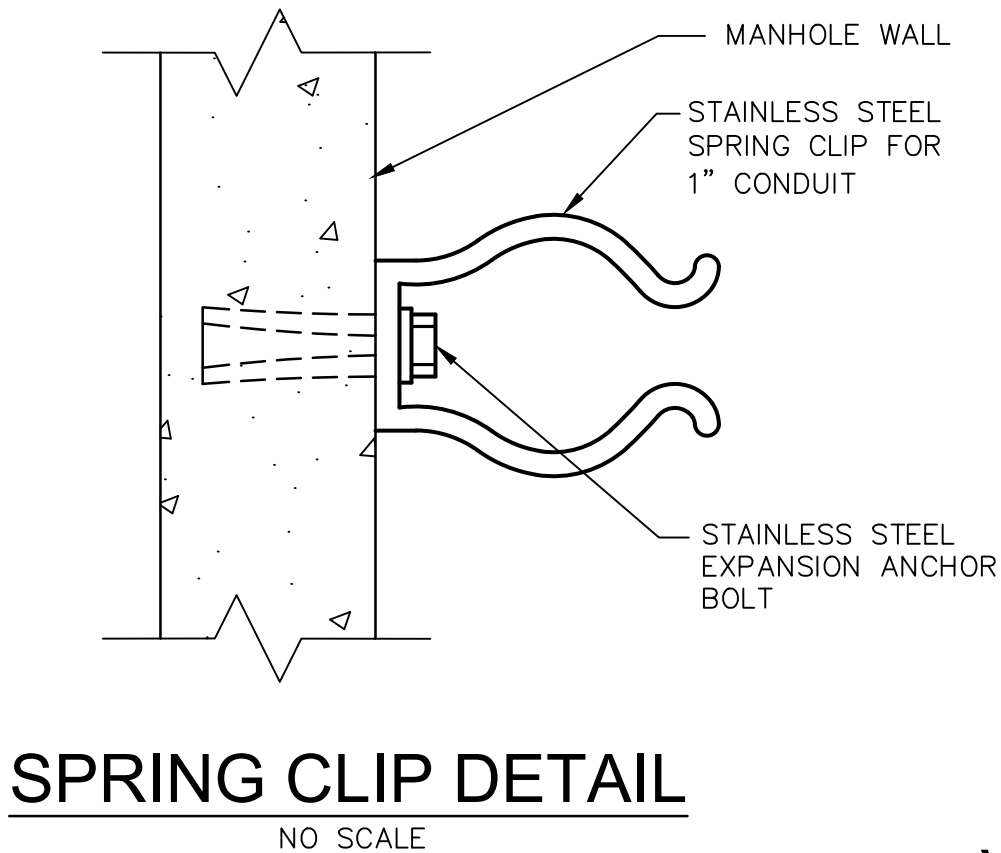
- NOTES:
- SEE SPECS FOR CONSTRUCTION SEQUENCE PLAN AND FOR BYPASS PUMPING REQUIREMENTS.
 - THE EXISTING LLCC PUMP STATION MUST BE KEPT IN OPERATION UNTIL THE NEW LLCC PUMP STATION IS ONLINE WITH MINIMAL DOWNTIME TO RELOCATE, CONNECT, ETC. ELECTRIC, PIPING, VALVES, ETC. - SEE SPECS.

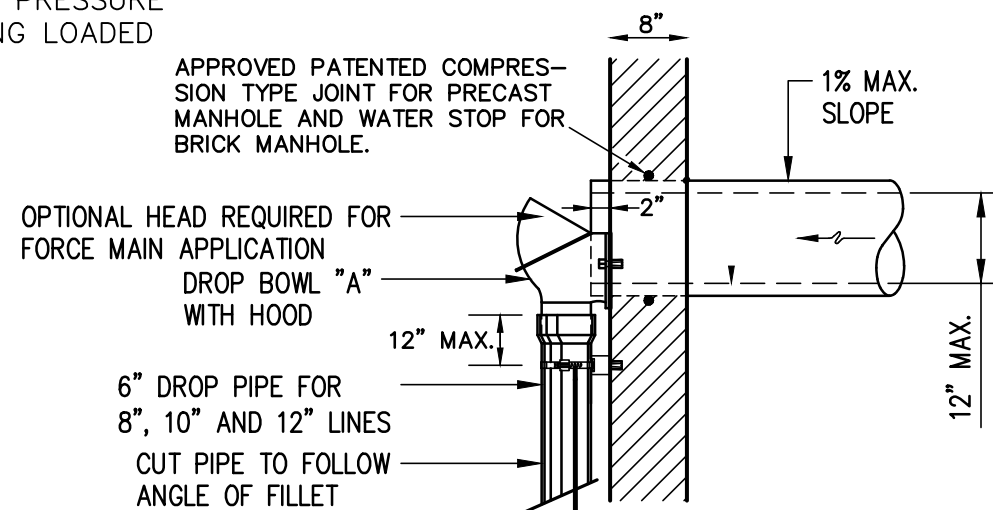




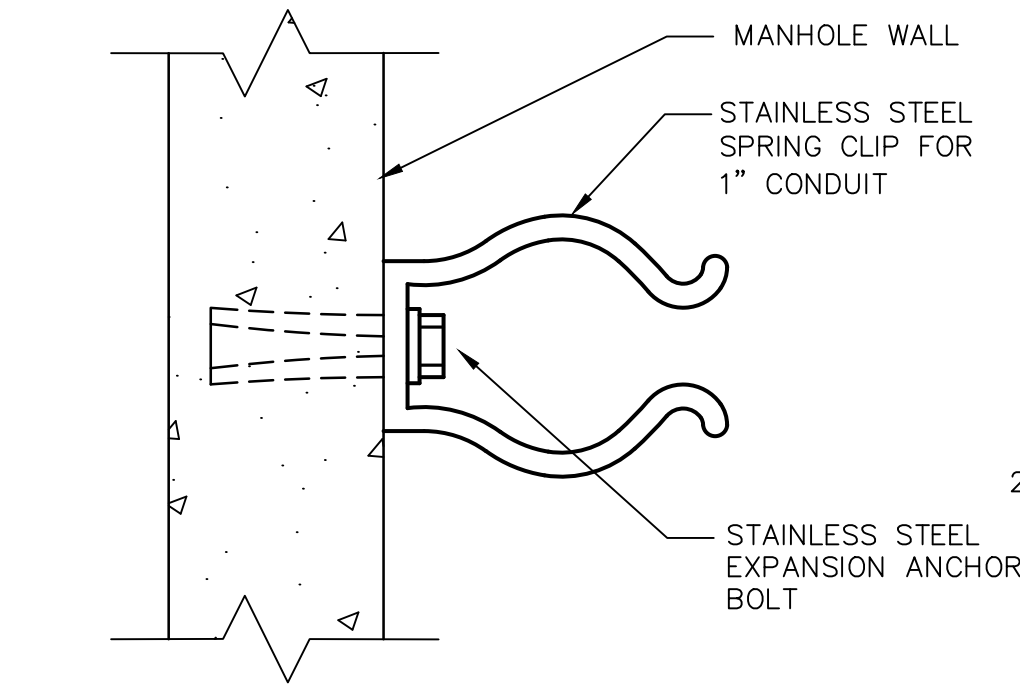
INSIDE DROP WET WELL DETAIL

INDUSTRIAL PUMP CHARACTERISTICS	
PHASE	
REQUIRED FLOW (GPM)	580
REQUIRED TDH (FT)	63
MAXIMUM HP RATING	15
PHASE	3
SELECTED PUMP - FLYGT	NP3153



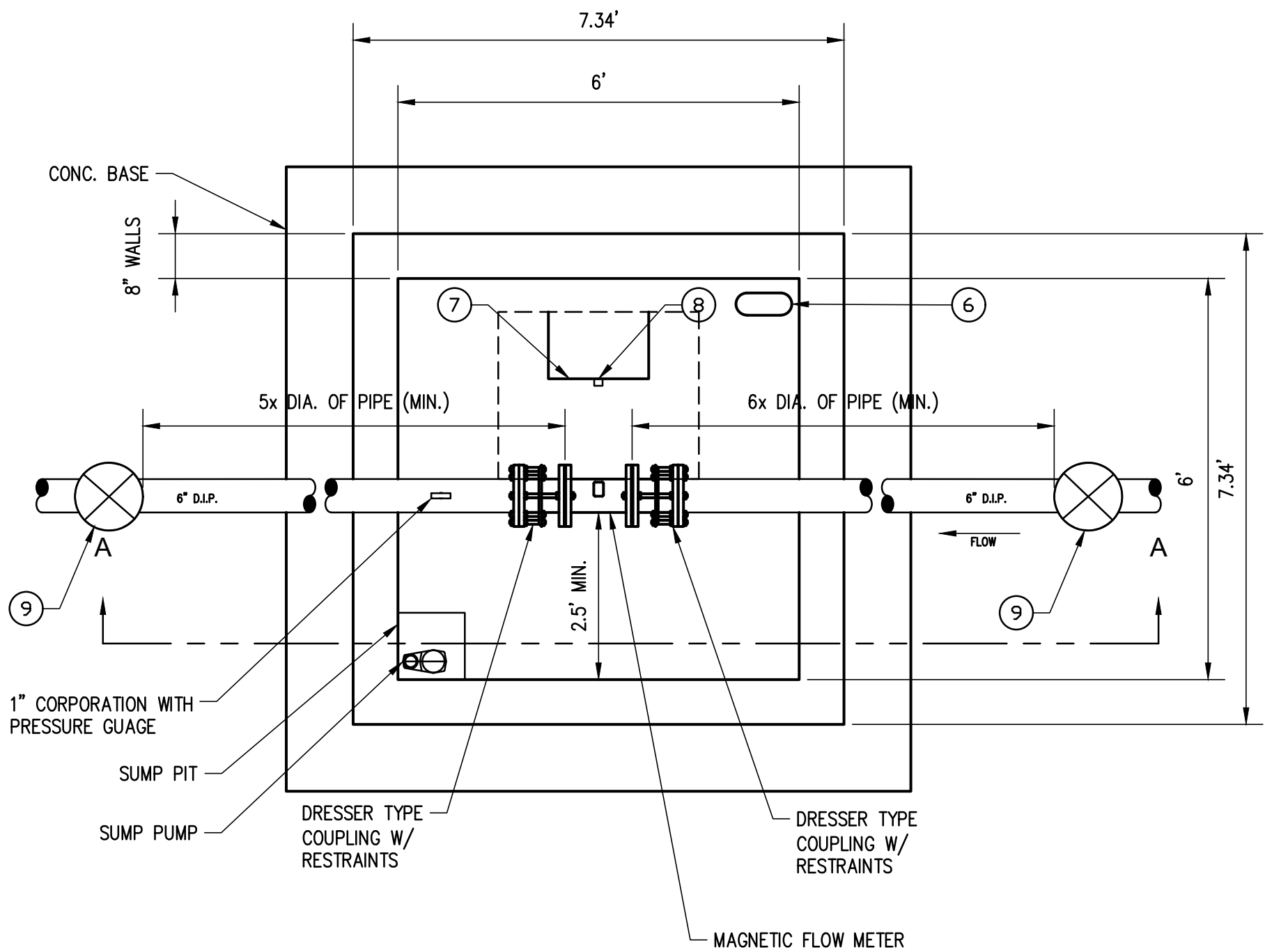


LLCC PUMP CHARACTERISTICS	
PHASE	
REQUIRED FLOW (GPM)	580
REQUIRED TDH (FT)	104
MAXIMUM HP RATING	35
PHASE	3
SELECTED PUMP - FLYGT	NP3171



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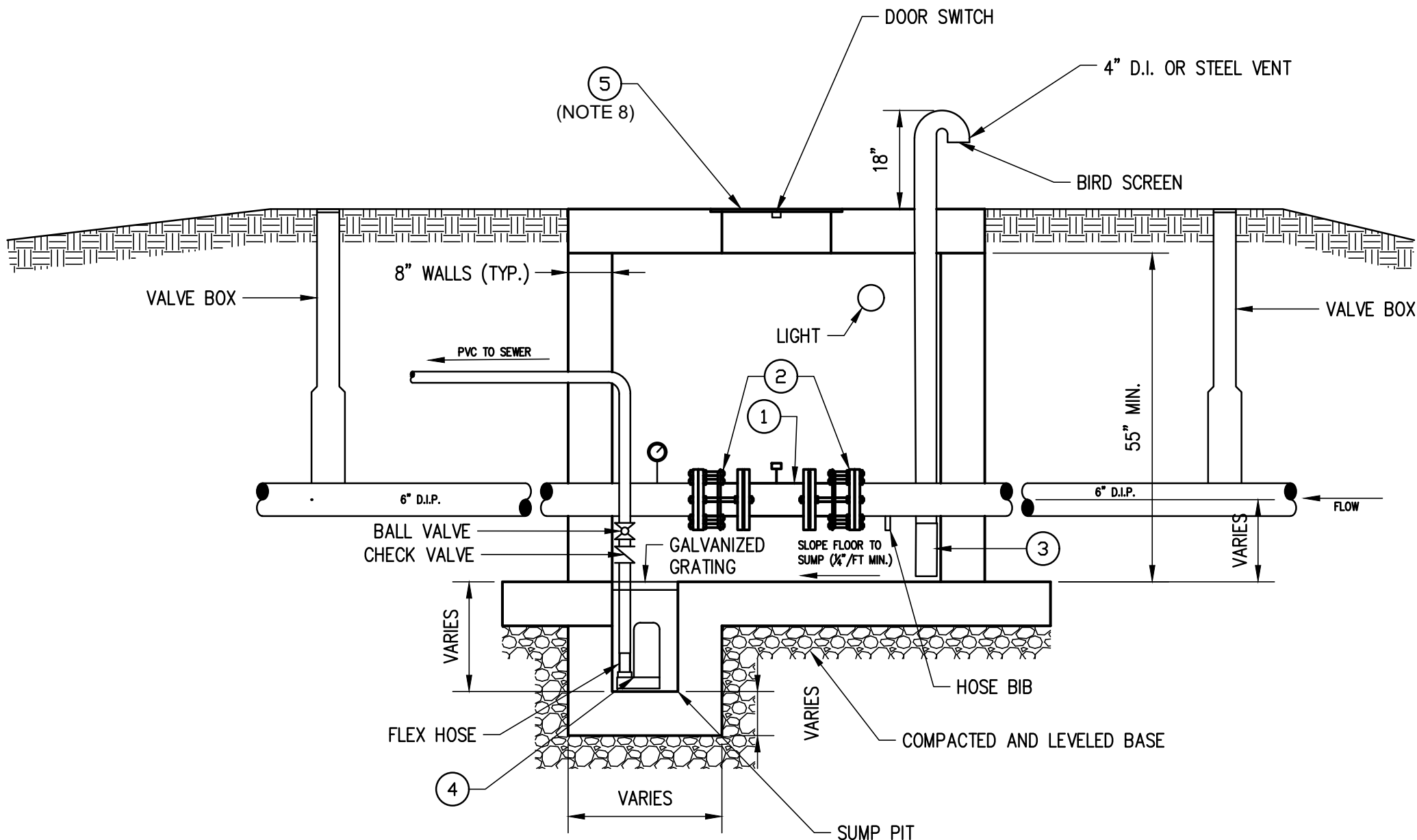


METER VAULT EQUIPMENT

ITEM	DESCRIPTION
1	FLOW METER - 8" MAGNETIC MJK 7100
2	DISMANTELING JOINT 8" WITH TIE RODS - ROMCO DJ400
3	VENTILATOR - CHICAGO BLOWER MODEL 800, 38-CPB 170 CFM @ 3"
4	SUMP PUMP - LITTLE GIANT MODEL 5-ASP, 15GPM @ 10'
5	HATCH 30"x30" - HALLIDAY SERIES W1R
6	4" D.I. OR STEEL VENT
7	LADDER - HALLIDAY SERIES L1D
8	LADDER EXTENSION - HALLIDAY SERIES L1E
9	GATE VALVE - 8"

NOTES:

1. VAULTS SHALL BE PROPERLY DESIGNED AND SIZED FOR EACH SPECIFIC APPLICATION AND SITE CONDITION. PROVIDE CLEARANCE BETWEEN METERS, VALVES AND OTHER EQUIPMENT FROM WALLS, FLOORS AND OTHER EQUIPMENT AT MINIMUM CLEARANCES (OR AS APPROVED BY THE CITY). PROVIDE ADEQUATE DESIGN FOR ALL SITE CONDITIONS TO INCLUDE BUT NOT LIMITED TO UPLIFT FORCES, WITHSTAND A MINIMUM H-20 CLASS LOADING WHERE APPLICABLE AND OTHERS AS REQUIRED.
2. ALL MEASUREMENTS SHALL BE VERIFIED AS PART OF THE SHOP DRAWING SUBMITTAL PROCESS AND DOCUMENTED IN RECORD DRAWINGS IN ACCORDANCE WITH THE SPECIFICATIONS.
3. ALL METER VAULTS SHALL INCLUDE DESIGN, COORDINATION, LOCATION AND INSTALLATION OF THE FOLLOWING BUT NOT LIMITED TO, PIPING, VALVES, METERS, CHECK VALVES, PRESSURE REGULATING VALVE, SUMP, 1 OR 2 SUMP PUMPS, VENTILATION SYSTEMS, ELECTRICAL LIGHTS, LADDER, HATCH, SCADA SYSTEM AND OTHER CRITICAL SYSTEMS (AS DETERMINED BY THE CITY).
4. HATCH SHALL BE LOCATED OVER METER AND SHALL BE LOCATED TO ALLOW ENTRY WITHOUT CLIMBING OVER VAULT COMPONENTS. HATCH SHALL ALSO BE LOCATED AND LARGE ENOUGH TO ALLOW METERS AND VALVES TO BE EASILY PASSED THROUGH THE OPENING WITHOUT MODIFICATION OR DAMAGE.
5. ALL MECHANICAL THRUST, RESTRAINTS, TIE RODS AND SUPPORTS SHALL BE CORRECTLY DESIGNED, SIZED AND INSTALLED TO PREVENT MOVEMENT OF VAULT COMPONENTS TO INCLUDE BUT NOT LIMITED TO DRESSER TYPE COUPLING, GATE VALVES, PIPE, EQUIPMENT AND OTEHR ITEMS.
6. THERE SHALL BE NO VALVES, DIRECTION CHANGES OR ANYTHING ON INFLOW SIDE THAT WILL DISRUPT LAMINAR FLOW THROUGH METER WITIN 5 PIPE DIAMETERS OF THE METER OR AS OTHERWISE DIRECTED BY THE MANUFACTURER OR THE CITY.
7. REFER TO STANDARD DRAWING FOR SUMP PIPING. PROVIDE ADEQUATE WATERPROOFING AS APPLICABLE.
8. USE ALUMINUM HATCH FOR PEDESTRIAN LOADING FOR OFF-STREET AND NON-TRAFFIC AREAS.
9. DOOR SWITCHES AND LIGHTS SHALL BE RATED FOR DAMP AND WET ENVIRONMENTS. VENTILATION FAN AND LIGHTS SHALL BE ACTIVATED BY A DOOR SWITCH ON THE HATCH.



METER VAULT FOR LLCC PUMP STATION

Scale: NONE

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METER VAULT DETAIL

SEWER MAIN EXTENSION WEST OF
I-55

CITY OF LITCHFIELD
MONTGOMERY COUNTY, ILLINOIS

DRAWN BY: RDS
CHECKED BY: RMP
APPROVED BY: RMP

HORIZONTAL SCALE:
1"=50'

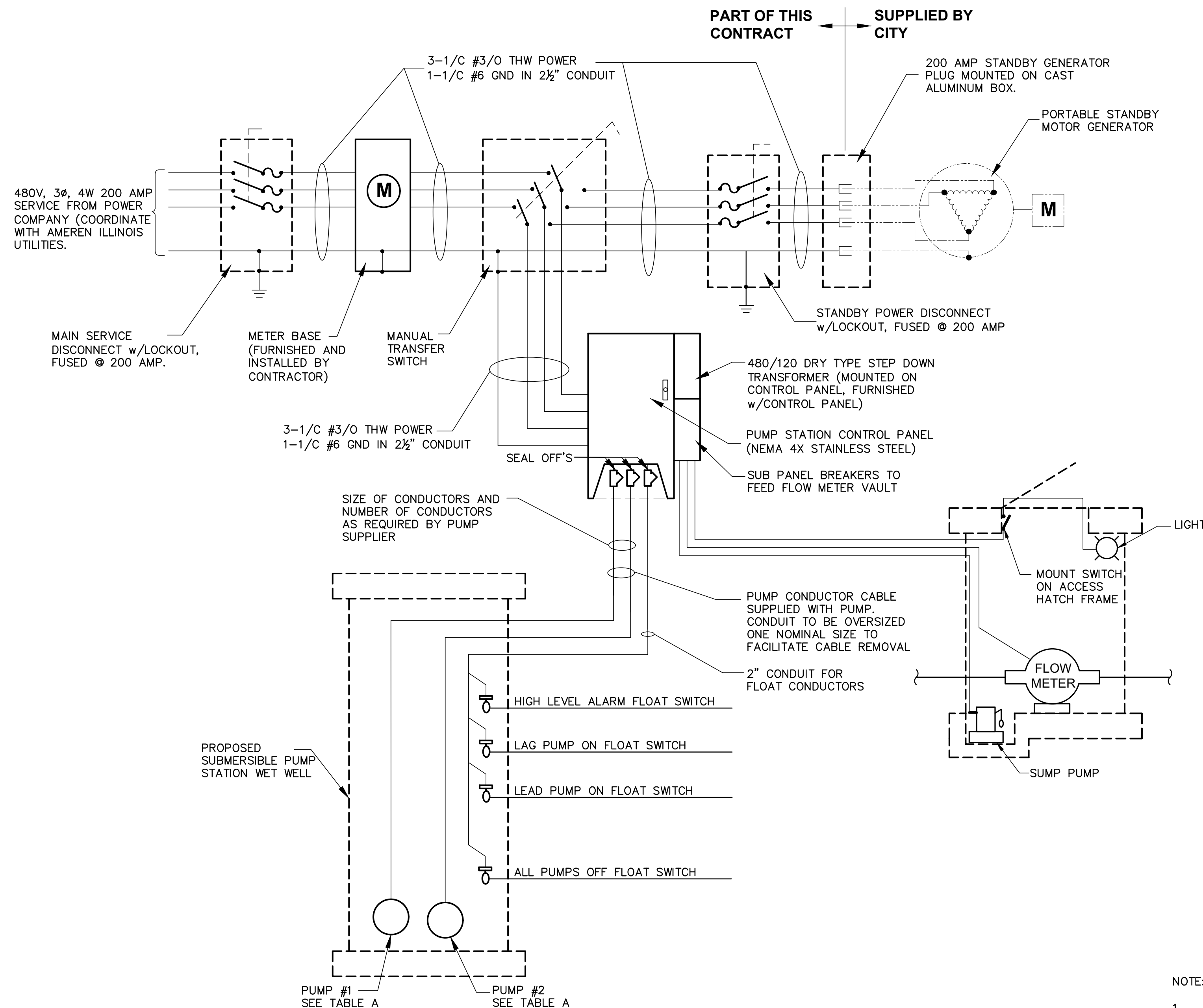
VERTICAL SCALE:
1"=5'

PROJECT NO.
02134-500

DATE:
3/12/19

SHEET NO.
11

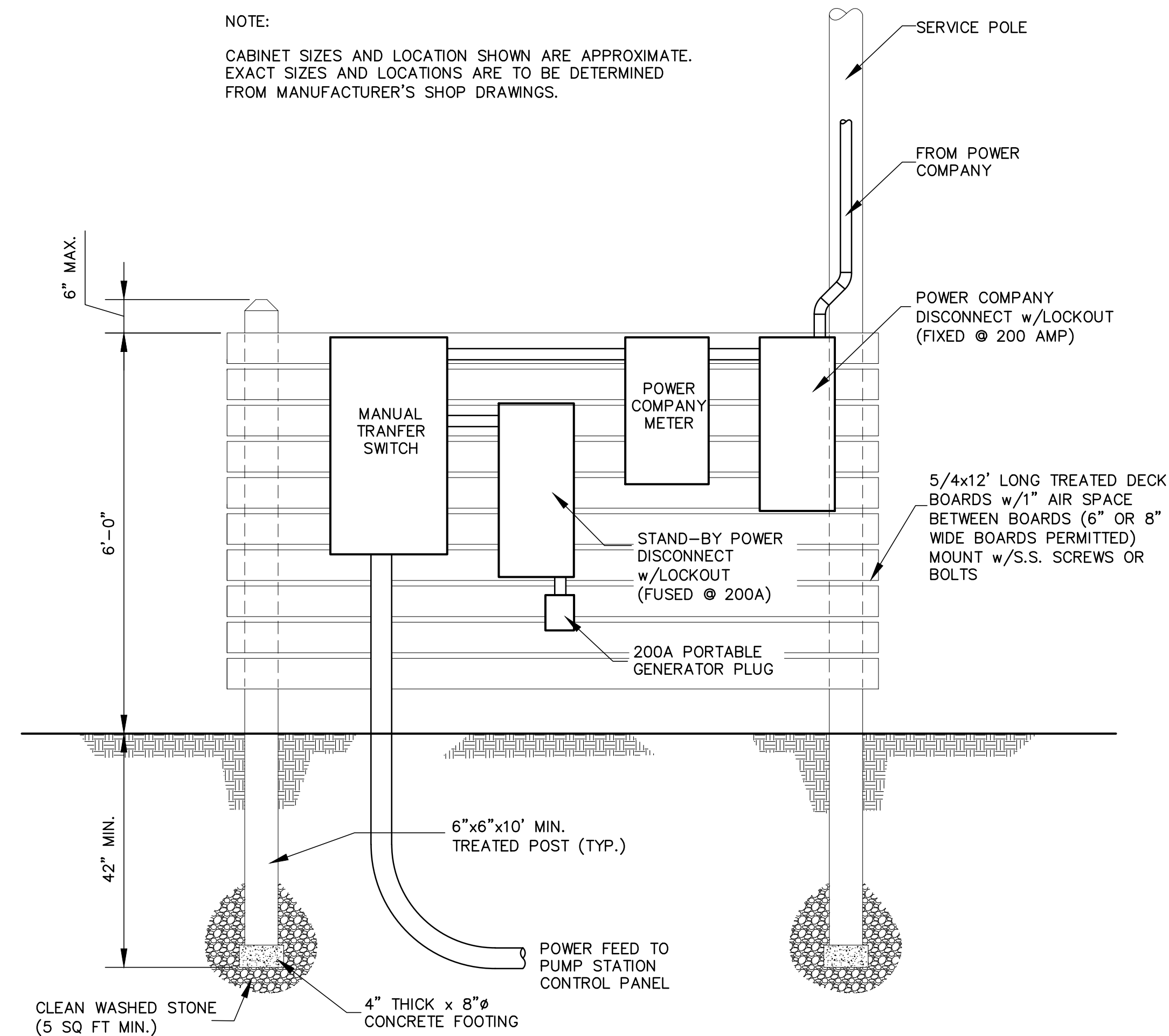
11 OF 13 SHEETS



PUMP STATION ELECTRICAL SERVICE
SCHEMATIC
(TYP. BOTH PUMP STATIONS)

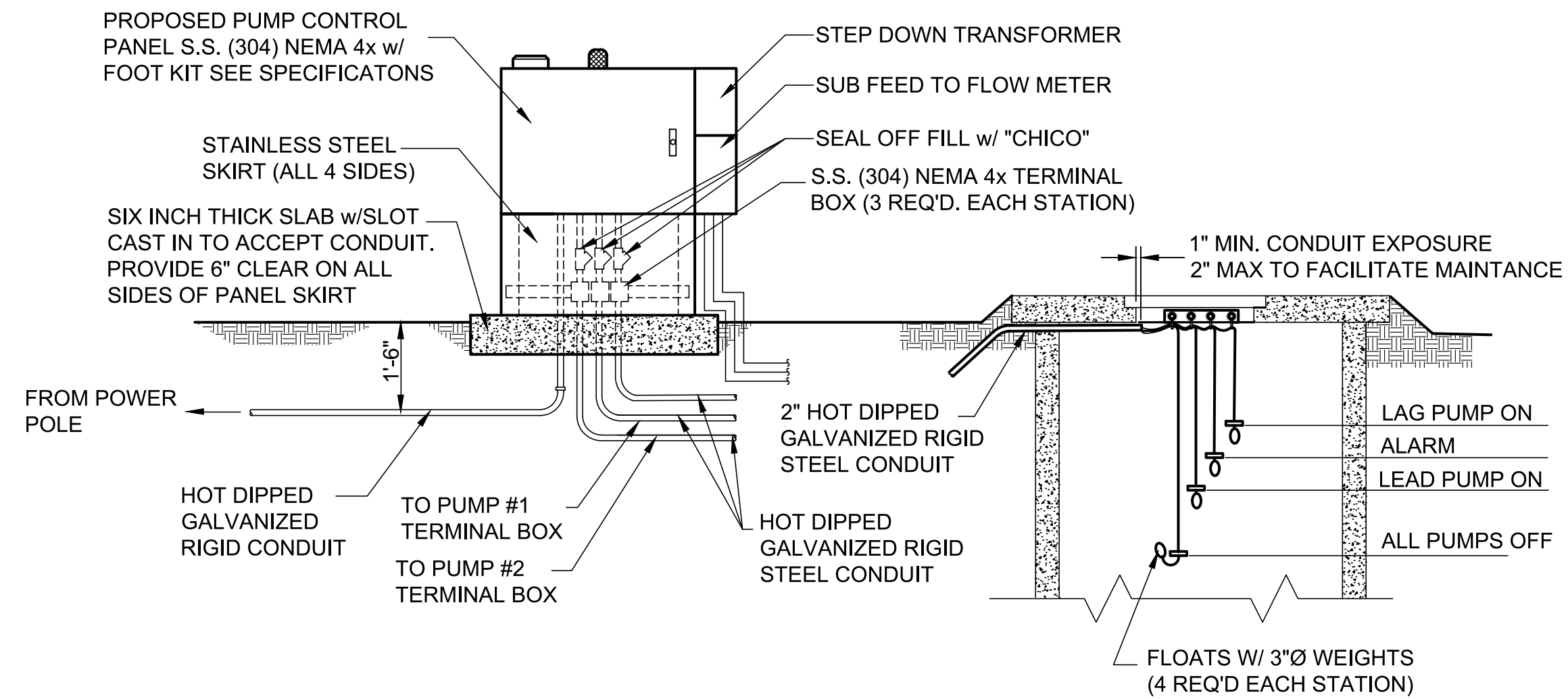
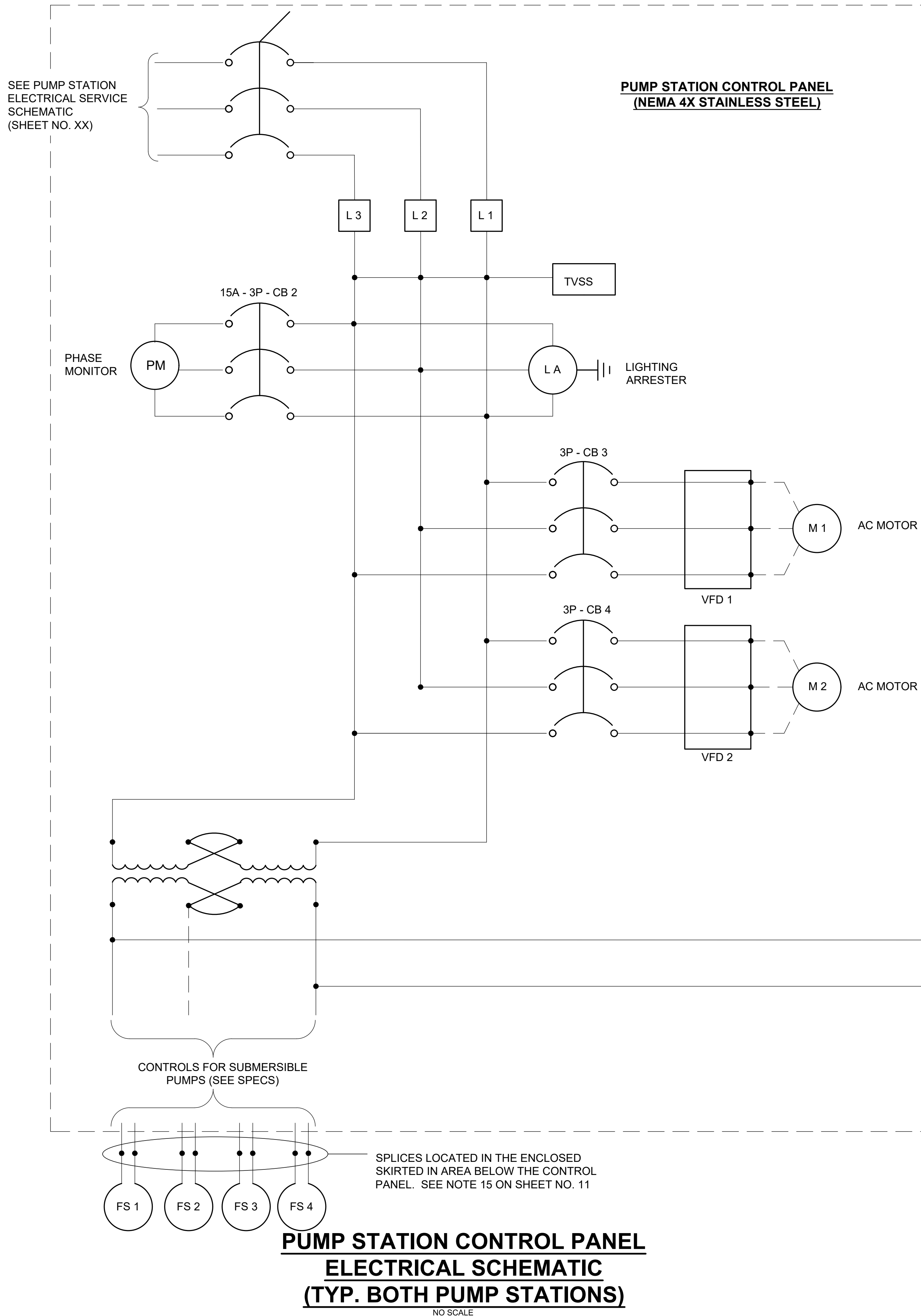
TABLE A					
PUMP #	HP/ RPM	FLA	ELECTRIC SERVICE	MOTOR	BKR
PUMP #1	60 HP/ 1170	77	480V, 3ø, 60HZ	480V, 3ø, 60HZ	100A
PUMP #2	60 HP/ 1170	77	480V, 3ø, 60HZ	480V, 3ø, 60HZ	100A

<u>TABLE B</u>			
RECOMMENDED SERVICE ENTRANCE CONDUIT CONDUCTOR AND EQUIPMENT BONDING JUMPER			
SERVICE RATING	SERVICE ENTRANCE CONDUCTOR	EQUIPMENT BONDING JUMPER	CONDUIT SIZE
200 AMP	#2 CU.	NO 8 CU.	2½"



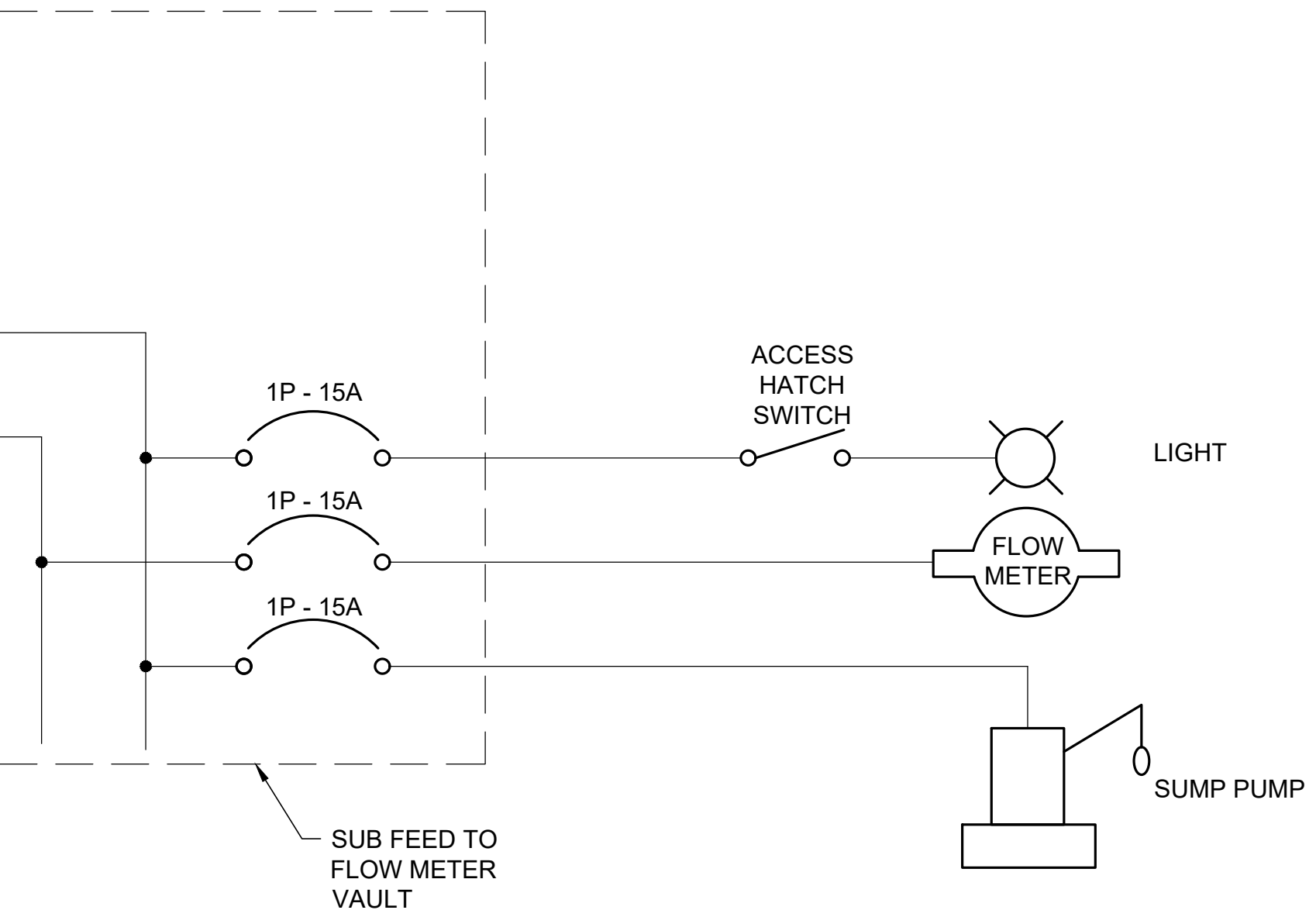
- NOTE:
1. ALL CONDUIT ABOVE GRADE TO BE HOT DIPPED GALVANIZED RIGID STEEL TO A POINT 6" MIN. BELOW GRADE. ALL CONDUIT FROM A POINT 6" BELOW GRADE TO BE P.V.C. SCHEDULE 40.
 2. PUMP CONTROL PANEL AND FLOAT SWITCHES FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. SEE MECHANICAL DRAWINGS FOR FLOAT SWITCH ELEVATIONS. LEAVE SLACK IN FLOAT SWITCH CABLES FOR FUTURE ADJUSTMENT.
 3. ALL WIRING TO BE 98% CONDUCTIVITY COPPER WITH 600 V INSULATION.
 4. ALL MOUNTING HARDWARE FOR FLOAT SWITCH CABLE BRACKET SHALL BE STAINLESS STEEL, OR OTHER NONCORRODIBLE MATERIAL.
 5. PROVIDE TAG WIRE IN EACH CONTROL PANEL OF SUFFICIENT LENGTH TO REACH INTO WETWELL.
 6. ALL CONTROL PANELS SHALL BE MOUNTED WITH STAINLESS STEEL BOLTS.
 7. THE INSTALLATION OF ALL ENTRANCE EQUIPMENT, CONDUCTORS AND CONDUIT SHALL CONFORM TO LOCAL CODES OR THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (NEC).
 8. ALL EQUIPMENT BONDING JUMPERS ON THE SUPPLY SIDE OF SERVICE AND MAIN BONDING JUMPER SHALL BE SIZED ACCORDING TO TABLE #1.
 9. NEC APPROVED CLAMP. LEAVE UNCOVERED UNTIL AFTER INSPECTION. GROUND CLAMP MUST BE 8" BELOW SURFACE OF FINAL GRADE.
 10. CONTRACTOR SHALL INSTALL HIS CONDUCTORS SO THAT APPROXIMATELY 3' OF EACH CONDUCTOR WILL EXTEND FROM THE WEATHERHEAD. ALL CONDUCTORS SHOULD BE THE SAME SIZE. NEUTRAL SHOULD BE CONTINUOUS WHERE LUGS PERMIT.
 11. ON 120/240 3 ϕ , 4 WIRE SERVICE, THE HIGH LEG SHALL BE IDENTIFIED BY AN ORANGE OUTER FINISH, TAPE OR TAG. IT SHOULD BE CONNECTED TO THE RIGHT (C PHASE) POSITION OF THE METER SOCKET AND TO THE CENTER (B PHASE) POSITION OF THE SERVICE EQUIPMENT. SEE NEC 384-3
 12. ALL SERVICE SUPPORT MUST BE FURNISHED AND INSTALLED BY CONTRACTOR TO PROVIDE NOT LESS THAN 10' GROUND CLEARANCE WHERE SERVICE IS SUBJECT TO PEDESTRIAN TRAFFIC ONLY, 12' OVER RESIDENTIAL PROPERTY, DRIVEWAYS AND COMMERCIAL AREAS WHICH ARE NOT SUBJECT TO TRUCK TRAFFIC, 18' & OVER PUBLIC STREETS, ALLEYS, ROADS AND PARKING AREAS SUBJECT TO TRUCK TRAFFIC.
 13. THE GROUNDED (NEUTRAL) CONDUCTOR IS TO BE INSULATED. IT SHALL BE IDENTIFIED BY WHITE OR OTHER OUTER FINISH ALONG ITS ENTIRE LENGTH.
 14. FOR 277/480V SERVICE ALWAYS DISPLAY A 480 VOLT WARNING SIGN ON METER SOCKET.
 15. MAKE CONNECTIONS UTILIZING SPLIT BOLT WITH 33+ TAPE WRAPPED WITH THE STICKY SIDE OUT, COVERED WITH SCOTCH FILL AND A FINAL COVERING USING 33+ TAPE. COVERING SHALL BE HALF LAPPED.

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PUMP STATION CONTROL PANEL w/ WET WELL FLOATS (TYP. BOTH PUMP STATIONS)

NO SCALE



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ELECTRICAL SERVICE - CONTROL PANEL
SEWER MAIN EXTENSION WEST OF I-55

CITY OF LITCHFIELD
MONTGOMERY COUNTY, ILLINOIS

DRAWN BY:
CHECKED BY:
APPROVED BY:

GRP
WFC
RMP

HORIZONTAL SCALE:
N/A

VERTICAL SCALE:
N/A

PROJECT NO.
02134-500

DATE:
08/22/18

SHEET NO.
13

13 OF 13 SHEETS