

1-800-852-6942

CLAYTON COSS

CHRISTINA HARPER (304) 234-3106

UTILITY COMPANIES

NOTE: UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD MARKINGS (BY OTHERS) AND AVAILABLE RECORDS, AND AS SUCH, SHOULD BE FIELD VERIFIED PRIOR

WHEELING WATER DEPT.

WHEELING, WV 26003

MOUNTAINEER GAS

(304) 276-2520

GENE HELMS

(412) 439-3886

LISTED BELOW SHALL BE CONSIDERED AS PART OF THIS SET THEREOF.

19TH AND WOOD STREET

TELECOMMUNICATIONS:

STANDARD CONSTRUCTION DRAWINGS

THE CURRENT STANDARD CONSTRUCTION DRAWINGS FOR EACH MUNICIPALITY OR UTILITY

WHEELING, WV 26003 1-888-420-4427 x 85202 RON TROWBRIDGE

TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY - CALL BEFORE YOU DIG!

9 ARMORY DRIVE

(304) 234-3849 CHRIS BEISWANGER

WATER:

CONTROL DIVISION

WHEELING, WV 26003

APPALACHIAN POWER

995 MT DECHANTAL ROAD WHEELING, WV 26003

2516 MAIN STREET

(304) 234-3874

BOB WEISNER

(304) 234-3106

(304) 234-6392

(304) 559-9020

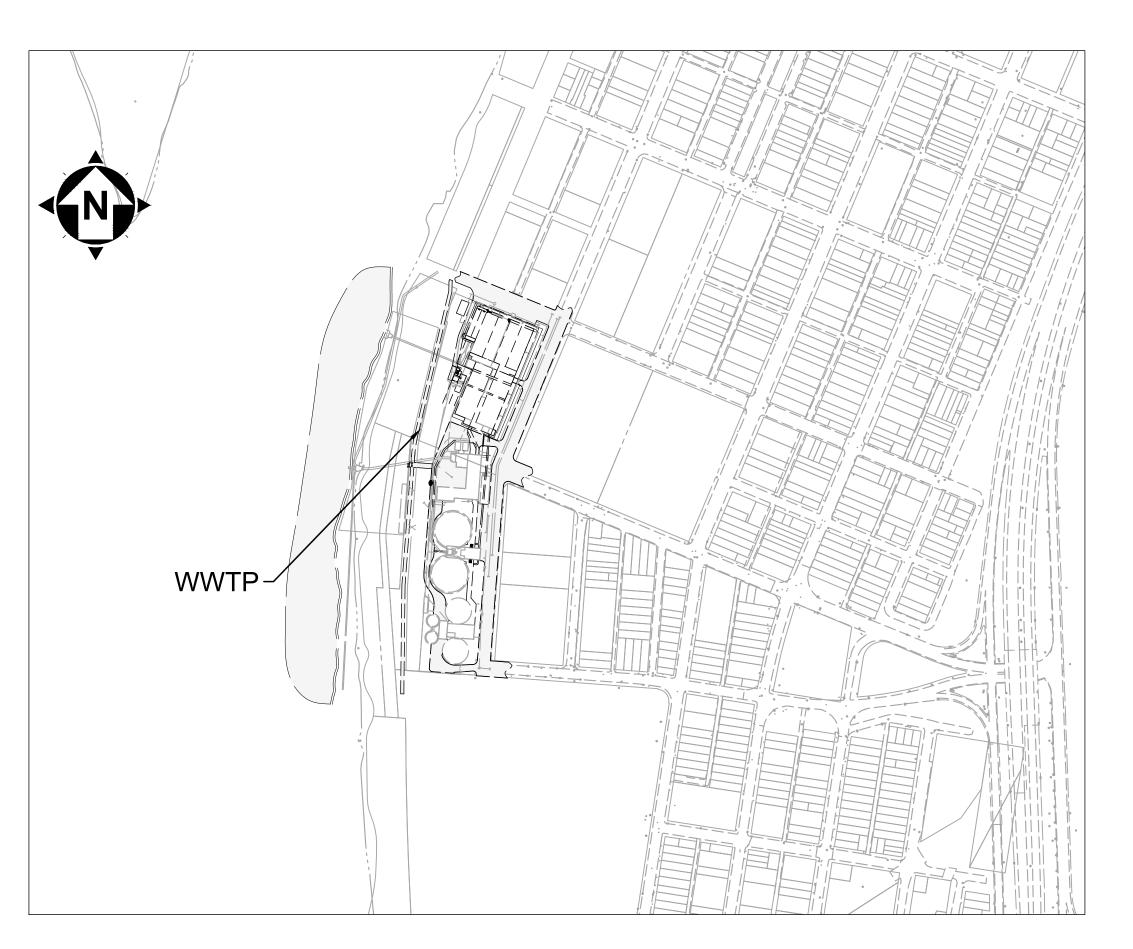
KEITH WESTLAKE

ANAEROBIC DIGESTER CLEANING, INSPECTION, REPAIR, AND VALVE REPLACEMENT



CITY OF WHEELING, WV, WATER POLLUTION CONTROL DIVISION **WASTEWATER COLLECTION AND TREATMENT SYSTEM IMPROVEMENTS**

JULY 2025



OWNER

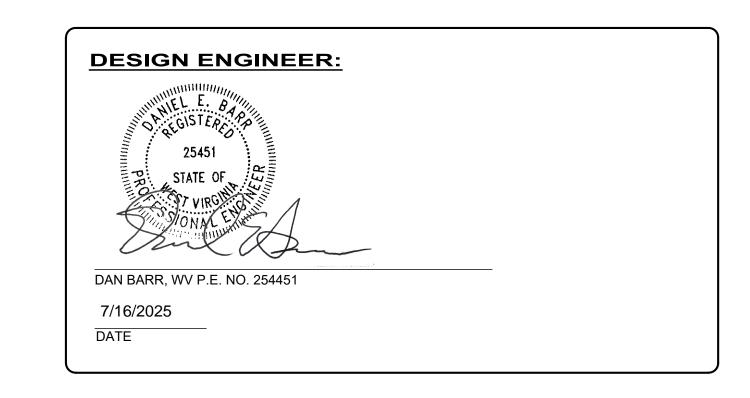
WATER POLLUTION CONTROL DIVISION 2516 MAIN STREET WHEELING, WV 26003 PHONE: (304) 234-3874

ENGINEER

VERDANTAS 2001 MAIN STREET, SUITE 202 WHEELING, WV 26003 PHONE: (304) 232-2784

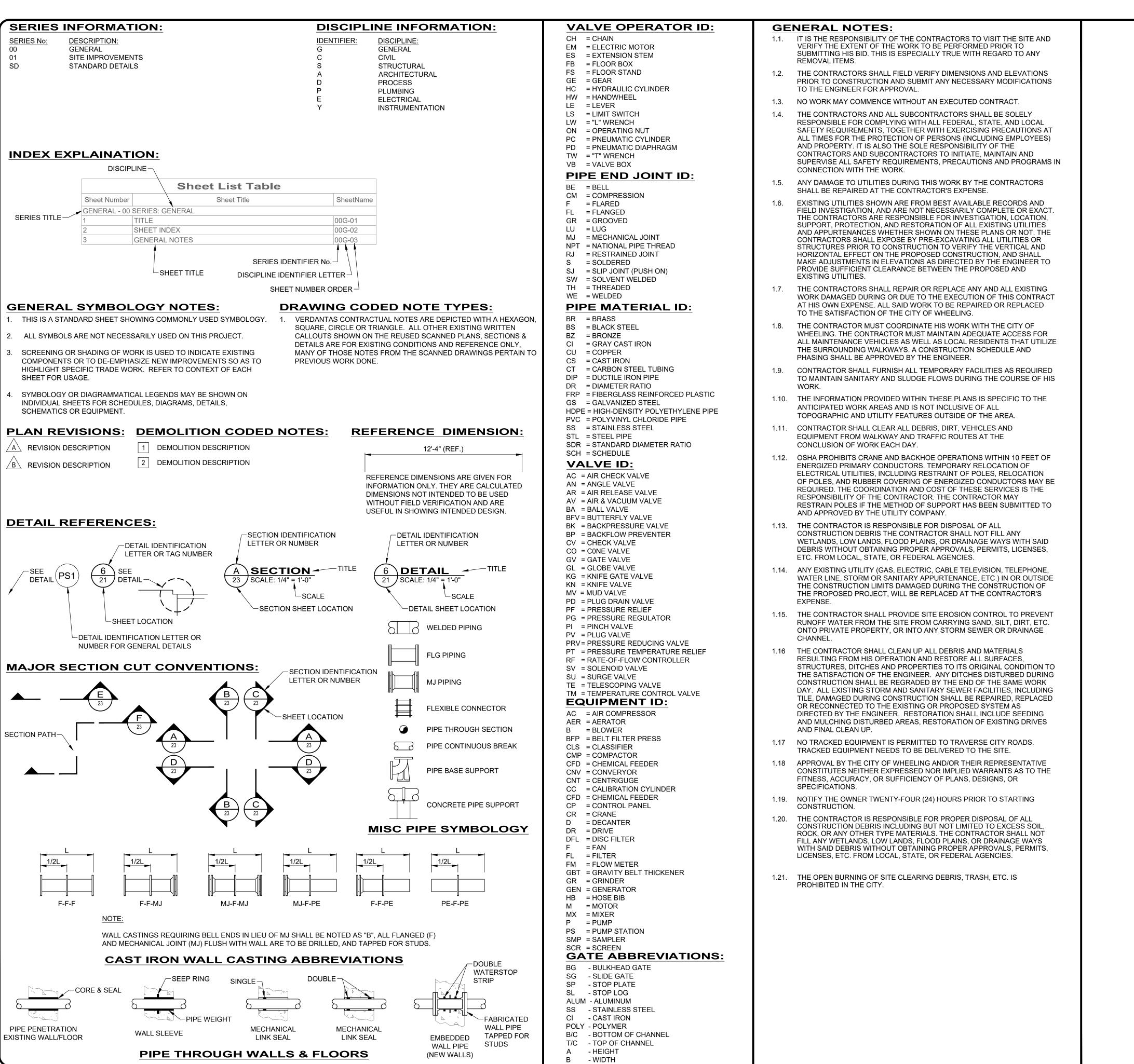






PROJECT NO. 210395 06R CIVIL TS

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2001 MAIN STREET, SUITE 202 WHEELING WY 26003

 ISSUED FOR:
 REVIEW
 NO
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 DATE

 ISSUE DATE:
 7/16/2025
 AS SHOWN
 AS SHOW

WATER POLLUTION CONTROL DIN WASTEWATER COLLECTION AND TRE ANAEROBIC DIGESTER CLEANING, INSPEC AND VALVE REPLACEMENT

210395
DISCIPLINE
GENERAL
SHEET NAME

PROJECT NO.

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HEET OF

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H:\2021\210395\PHASE\06R WWTP AND LS IMPROVEMENTS\VALVE REPLACEMENT\VALVE DRAWINGS\G_180843 - SYMBOLOGY & SHEET INDEX.DWG - 00G-02 - 7/16/2025 9:09:16 AM - LUCAS SKELLY

GENERAL

- 1. A PRE-CONSTRUCTION CONFERENCE SCHEDULED BY THE ENGINEER SHALL BE HELD PRIOR TO ANY WORK STARTING. IN ADDITION, THE CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO THE ENGINEER AND SERVICE DIRECTOR PRIOR TO BEGINING WORK TO ARRANGE FOR INSPECTION.
- 2. THE STANDARD SPECIFICATIONS OF THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, 2023 EDITION, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS AND STANDARD DRAWINGS, SHALL GOVERN ALL WORK NOT COVERED BY THE SPECIFICATIONS. ALL REFERENCES TO THE DIRECTOR OR ENGINEER SHALL BE CONSTRUED TO MEAN THE CITY ENGINEER AND/OR HIS REPRESENTATIVE. ALL WORK CONTEMPLATED SHALL BE GOVERNED BY THE RULES, REGULATIONS AND SPECFICATIONS OF THE CITY OF WHEELING.
- 3. ALL WORK COMPLETED UNDER THIS CONTRACT SHALL COMPLY WITH THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.
- 4. ANY DEFECT IN MATERIAL OR WORKMANSHIP REVEALED BY INSPECTION MUST BE CORRECTED BY THE CONTRACTOR AT NO COST TO THE CITY AND TO THE FULL SATISFACTION OF THE CITY AND ENGINEER BEFORE ACCEPTANCE OF THE WORK AND RELEASE OF FINAL ESTIMATE AND PAYMENT THEREOF
- 5. THE CONTRACTOR SHALL PROVIDE A PRE-CONSTRUCTION VIDEO SURVEY OF THE ENTIRE PROJECT AREA. ANY DAMAGE DEEMED TO BE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT HIS OWN EXPENSE. THE RECORDING SHALL BE RECORDED ON USB FLASH DRIVE IN A STANDARD FORMAT VIEWABLE ON ANY WINDOWS-BASED PC.
- 6. ALL EXISTING CASTINGS ARE TO REMAIN THE PROPERTY OF THE CITY. THE CONTRACTOR SHALL DELIVER THE OLD CASTINGS TO THE CITY'S SERVICE DEPARTMENT.
- 7. BEFORE THE CITY WILL APPROVE THE WORK AND RELEASE THE RETAINER, THE CONTRACTOR SHALL FURNISH THE CITY A WRITTEN REPORT INDICATING THE RESOLUTION OF ANY AND ALL PROPERTY DAMAGE CLAIMS FILED WITH THE CONTRACTOR BY ANY PARTY DURING THE CONSTRUCTION PERIOD. THE INFORMATION TO BE SUPPLIED SHALL INCLUDE, BUT NOT BE LIMITED TO, NAME OF CLAIMANT, DATE FILED WITH CONTRACTOR, NAME OF INSURANCE COMPANY AND/OR ADJUSTER HANDLING CLAIM, HOW CLAIM WAS RESOLVED AND IF CLAIM WAS NOT RESOLVED FOR THE FULL AMOUNT, AND A STATEMENT INDICATING THE RESASON FOR
- 8. MATERIAL SPECIFICATIONS CALLED FOR ON THE PLANS REPRESENT THE MINIMUM REQUIRED FOR EACH APPLICATION. THE OWNER MAY REQUEST OR THE CONTRACTOR MAY DESIRE TO SUBSTITUTE ALTERNATE MATERIALS. ANY SUCH SUBSTITUTIONS MUST BE EQUIVALENT IN QUALITY TO THE MATERIAL CALLED FOR AND MUST BE APPROVED IN WRITING BY THE ENGINEER.
- 9. THE CONTRACTOR SHALL VERIFY EXISTING GRADE PRIOR TO BEGINNING ANY CONSTRUCTION.
 10. IN CASE OF DISCREPANCIES BETWEEN SPECIFICATION AND THE DRAWINGS, THE MOST

UTILITIES

STRINGENT APPLIES.

- 1. BEFORE ANY WORK IS STARTED THAT WILL INTERFERE WITH THE EXISTING UTILITIES, THE CONTRACTOR SHALL CALL THE WV 811 (72) HOURS IN ADVANCE OF THE WORK IN ACCORDANCE WITH THE WEST VIRGINIA REVISED CODE. NON-MEMBER UTILITIES MUST BE CONTACTED DIRECTLY. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS, AT NO ADDITIONAL EXPENSE TO THE CITY, TO AVOID DAMAGE TO EXISTING UNDERGROUND AND OVERHEAD UTILITIES DURING THE ENTIRE PROJECT. IN THE EVENT OF DAMAGE TO EXISTING PUBLIC AND/OR PRIVATE UTILITIES, THE AGENCY CONCERNED SHALL BE NOTIFIED IMMEDIATELY AND ALL REPAIR WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RESPECTIVE AGENCY AT NO ADDITIONAL COST TO THE CITY, INCLUDING INSPECTION OR MAINTENANCE FEES.
- 2. WHERE EXISTING POWER OR TELEPHONE POLES ARE IN CLOSE PROXIMITY TO WORK, THE CONTRACTOR SHALL COORDINATE HIS WORK EFFORTS WITH THOSE OF THE UTILITY COMPANIES SUCH THAT THEIR EXSTING FACILITIES CAN BE MAINTAINED AND PROTECTED DURING THE TIME THAT WORK IS GOING ON ADJACENT TO THE POLE(S).
- 3. THE COST AND COORDINATION FOR ANY REQUIRED PROTECTION, SUPPORT, OR RELOCATION OF EXISTING POWER OR TELEPHONE POLES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE PRICE BID FOR OTHER APPROPRIATE PROJECT DAY ITEMS.
- PROTECTION SHALL NOT BE CONSIDERED COMPENSABLE DELAYS, AS IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS WORK IN CONFORMANCE TO THE UTILITY COMPANY'S SCHEDULE.

4. DELAYS TO THE CONTRACTOR AS A RESULT OF TIMING OF POLE RELOCATION. SUPPORT OR

- 5. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITIES AFFECTED BY THE PROPOSED CONSTRUCTION.
- 6. THE OWNER OF THE UNDERGROUND UTILITY FACILITY SHALL, WITHIN 48 HOURS, EXCLUDING SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS, AFTER NOTICE IS RECIEVED, STAKE, MARK OR OTHERWISE DESIGNATE THE LOCATION OF THE UNDERGROUND UTILITY FACILITIES IN THE CONSTRUCTION AREA IN SUCH A MANNER AS TO INDICATE THEIR COURSE TOGETHER WITH THE APPROXIMATE DEPTH AT WHICH THEY WERE INSTALLED. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY APPROXIMATELY TWO (2) DAYS AHEAD OF THE PLANNED CONSTRUCTION.
- 7. THE CONTRACTOR SHALL BE RESPONSIBILE FOR NOTIFICATION OF THE EXISTING UTILITY OWNERS LISTED BELOW AND "MISS UTILITY" IN ACCORDANCE WITH SECTION 5 24C-1-1 OF THE WEST VIRGINIA REVISED CODE AND OUTLINED IN PROJECT SPECIFICATIONS. THE UTILITY OWNERSHIPS ARE AS FOLLOWS:

CITY OF WHEELING WATER DEPARTMENT 1500 CHAPLINE STREET WHEELING, WV 26003 (304) 234-3762

AMERICAN ELECTRIC POWER 4201 JACOB STREET WHEELING, WV 26003 (304) 234-3004

COMCAST CABLE 56319 NATIONAL ROAD BRIDGEPORT, OH 43912 CITY OF WHEELING WATER POLLUTION CONTROL 2516 MAIN STREET WHEELING, WV 26003 (304) 234-3874

MOUNTAINEER GAS 114 NORTH 19TH STREET WHEELING, WV 26003 (304) 234-0320 (800) 834-2070

COLUMBIA GAS TRANSMISSION 950 MANIFOLD ROAD WASHINGTON, PA 15301 (814) 445-4652

PROHIBITED CONSTRUCTION ACTIVITIES

- 1. DISPOSING OF EXCESS OR UNSUITABLE EXCAVATED MATERIAL IN STREAMS, RIVERS, ALONG THE SHORELINE, WETLANDS OR FLOOD PLAINS, EVEN WITH THE PERMISSION OF THE PROPERTY OWNER.
- 2. LOCATIONS STOCKPILE STORAGE AREAS IN ENVIRONMENTAL SENSITIVE AREAS.
- 3. DAMAGING VEGETATION OUTSIDE OF THE CONSTRUCTION AREA.
- 4. DISPOSING OF TREES, BRUSH AND OTHER DEBRIS IN ANY STREAM CORRIDORS, ANY WETLANDS, ANY SURFACE WATERS OR AT UNSPECIFIED LOCATIONS.
- 5. CLOSING OFF CLEAR ACCESS TO ANY PUBLIC ALLEY OR STREET WITHOUT THE PRIOR CONSENT OF MUNICIPAL OFFICIALS AND THE ENGINEER; AND CLOSING CLEAR ACCESS BY FIRE PROTECTION AND EMERGENCY VEHICLES, BY THE PUBLIC TO ANY COMMERICIAL OR PROFESSIONAL PLACE OF BUSINESS, PUBLIC ESTABLISHMENT, OR PLACE OF RESIDENCE, OR BY VEHICLES TO DRIVEWAYS WITHOUT THE PROVISION OF ALTERNATIVE MEANS OF BUILDING INGRESS AND EGRESS.

AIR/NOISE CONTROL

1. CONSTRUCTION ACTIVITIES WILL BE LIMITED TO WEEKDAY DAYTIME HOURS, UNLESS APPROVED IN ADVANCE BY THE CITY.

STRUCTURAL CONCRETE

- 1. ALL STRUCTURAL CONCRETE SHALL BE IN ACCORDANCE WITH WVDOT SECTION 601.
- 2. ALL REINFORCING STEEL SHALL BE INTERMEDIATE GRADE BILLET STEEL IN ACCORDANCE WITH AASHTO M31 OR ASCE A615 AND SECTION 602 OF THE STANDARD SPECIFICATIONS. THE MINIMUM LAP FOR REINFORCING SHALL BE 1 FOOT 6 INCHES UNLESS OTHERWISE SHOWN.

FIRE PREVENTION

1. THE CONTRACTOR SHALL ADHERE TO THE CITY OF WHEELING CODIFIED ORDINANCES CHAPTER 15 FIRE PREVENTION. THE CONTRACTOR SHALL ALSO CONFORM TO THE WEST VIRGINIA FIRE CODE, WEST VIRGINIA BUILDING CODE AND THE NFPA 24 FOR THE INSTALLATION AND TESTING OF FIRE MAINS AND HYDRANTS.

CONTRACTORS USE OF SITE

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECEIVING AND STORAGE OF MATERIAL FOR THE WORK. THE OWNER WILL NOT RECEIVE ANY OF THE CONTRACTOR'S DELIVERIES.
- 2. THE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF CONSTRUCTION EQUIPMENT, TOOLS, SUPPLIES, MATERIALS, AND CONTRACTOR'S FACILITY WITH THE OWNER. THE OWNER SHALL HAVE ACCESS TO OPERATE AND MAINTAIN TREATMENT FACILITY AT ALL TIMES.
- 3. GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING SCHEDULES AND WORK AREA TO PREVENT DELAY AND INTERFERENCE.



1 MAIN STREET, SUITE 202 EELING, WV 26003

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IVISION	ISSUED FOR:	REVIEW	ON	REVISION
SEATMENT	ISSUE DATE:	7/16/2025		
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	DESIGNED BY:	MISS MISS		
	DRAWN BY:	AGBS		
	CHECKED BY:	MES		

EWATER COLLECTION AND TREATMENT
BIC DIGESTER CLEANING, INSPECTION, REPAIR
AND VALVE REPLACEMENT
GENERAL NOTES

PROJECT NO.

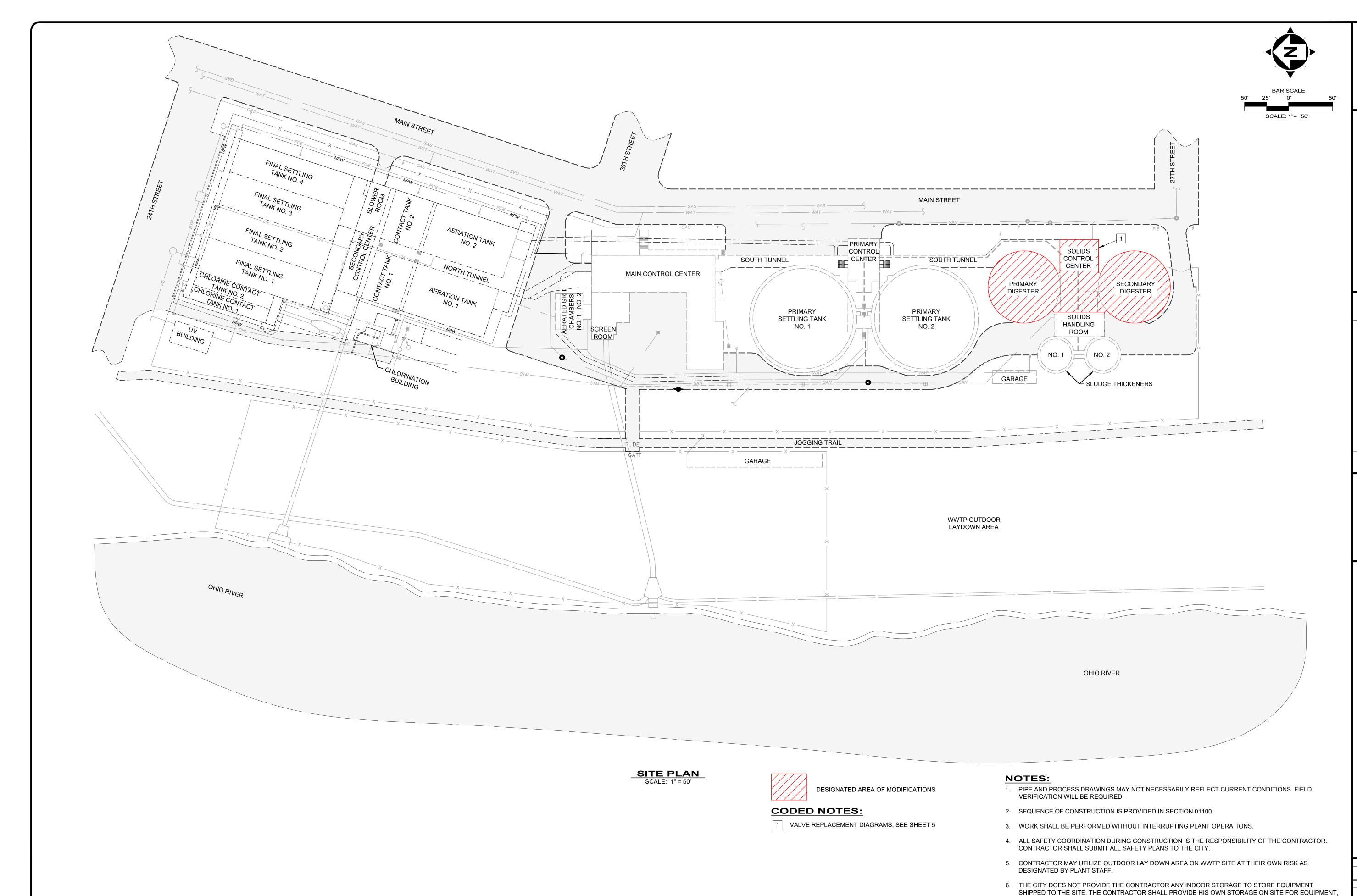
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DISCIPLINE

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2001 MAIN STREET, SUITE 2 WHEELING, WV 26003 304-907-4923

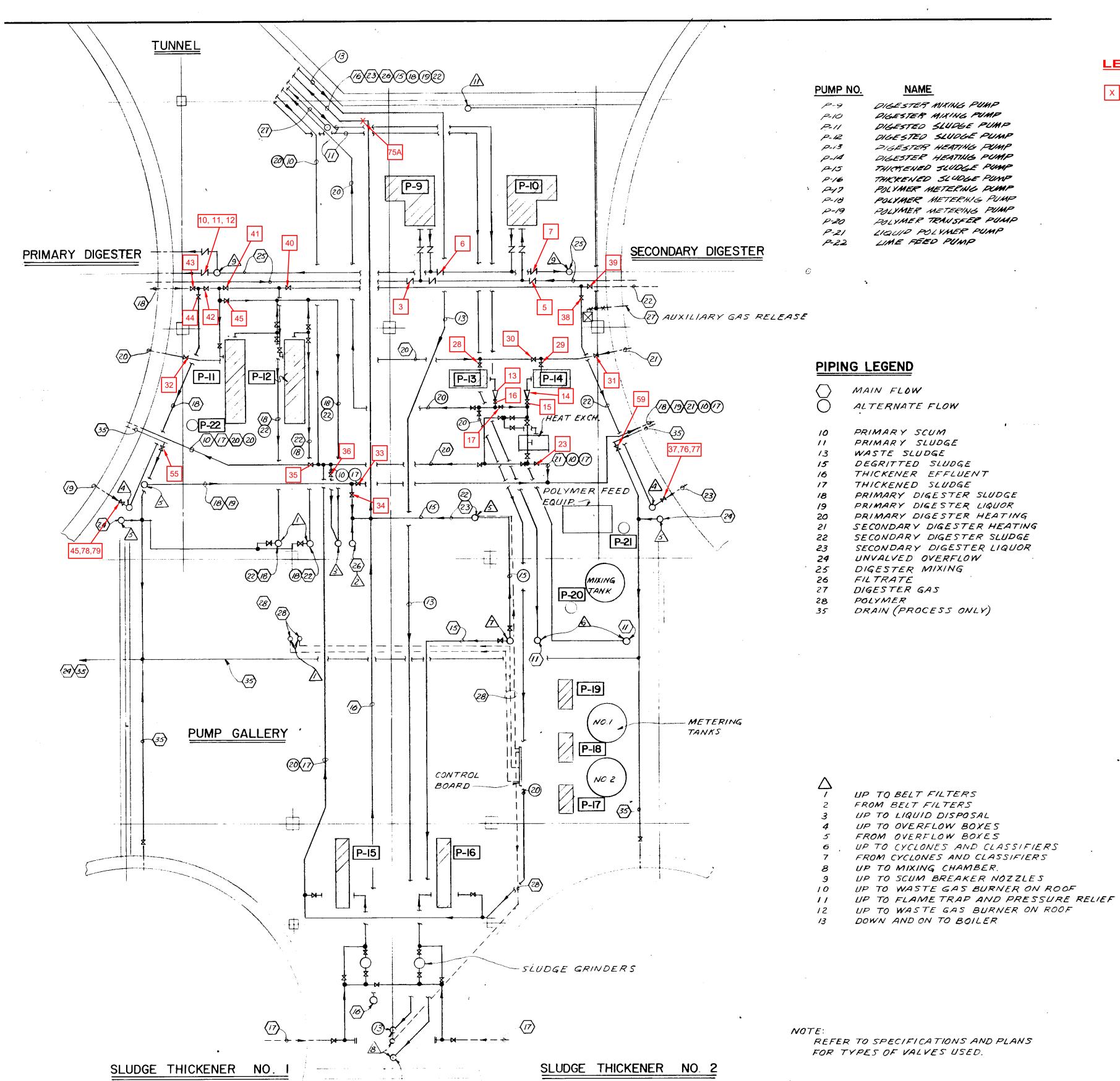
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AATER COLLECTION AND TREATME
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AND VALVE REPLACEMENT
SITE PLAN

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MATERIALS AND TOOLS.

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LEGEND:

VALVE NUMBER TO BE REMOVED AND REPLACED SEE VALVE REPLACEMENT SCHEDULE.

NOTES:

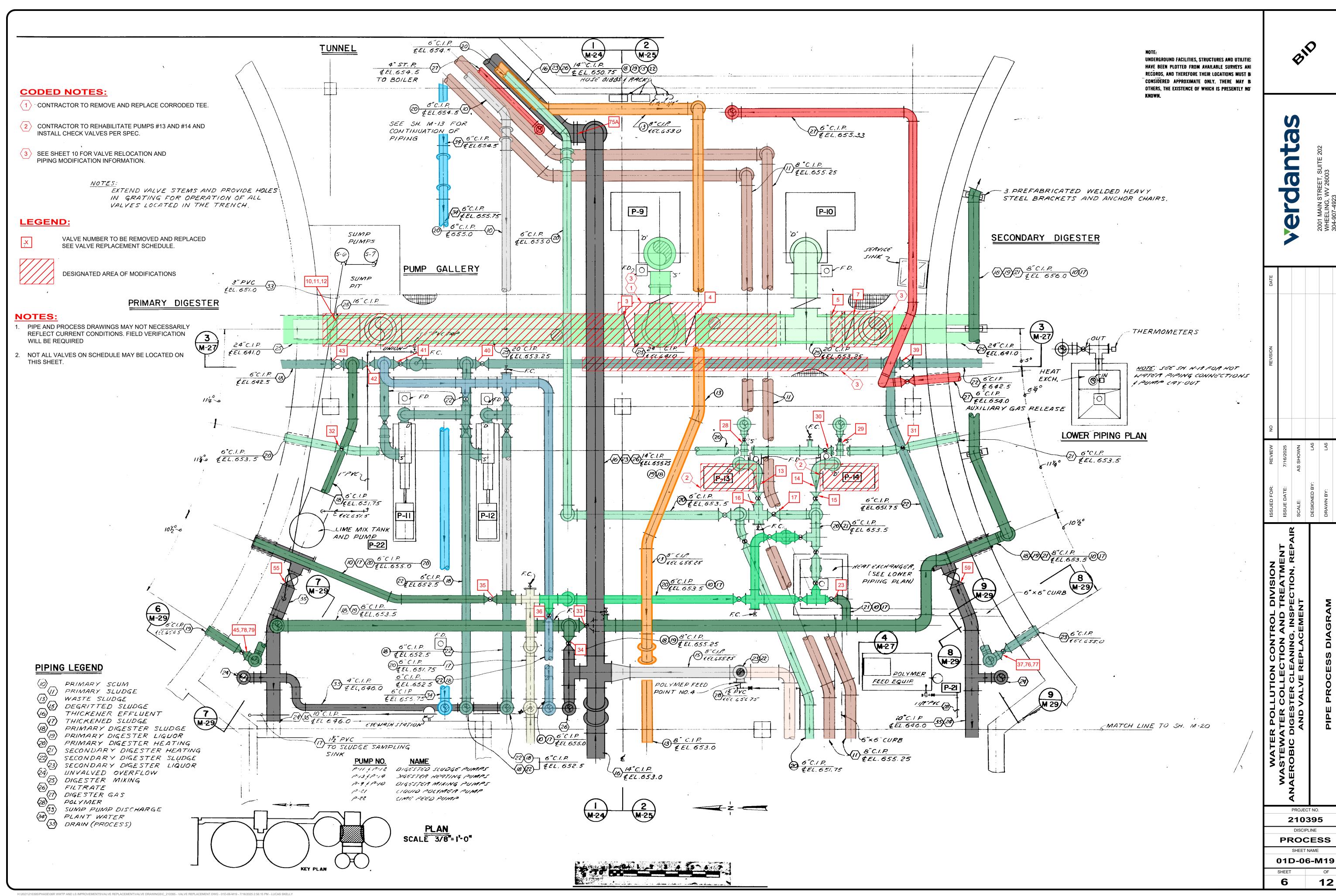
- 1. PIPE AND PROCESS DRAWINGS MAY NOT NECESSARILY REFLECT CURRENT CONDITIONS. FIELD VERIFICATION WILL BE REQUIRED
- 2. NOT ALL VALVES ON SCHEDULE MAY BE LOCATED ON THIS SHEET.

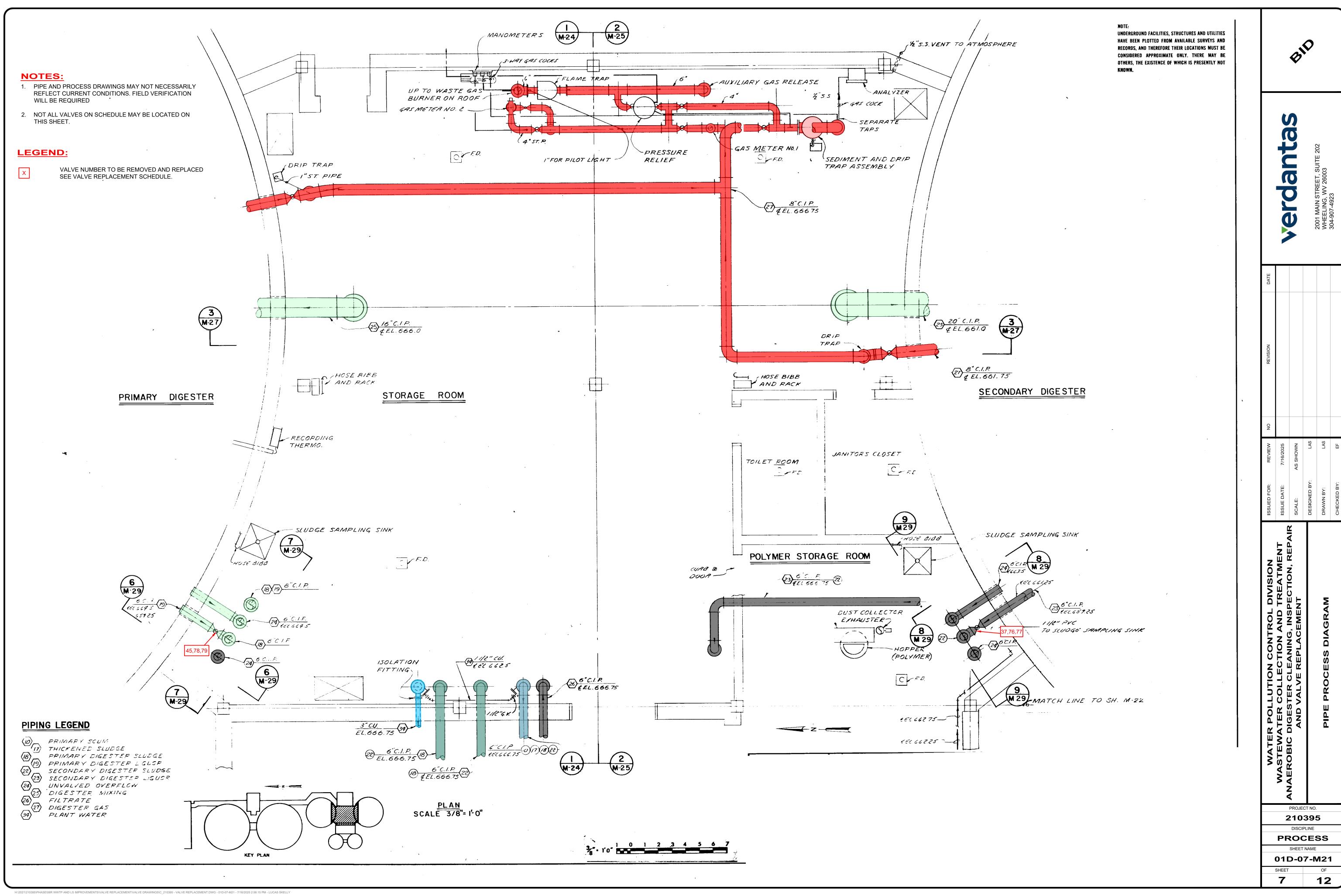
	VALVE S	CHEDULE	
VALVE NUMBER	DIA. (IN.)	TYPE	OPERATION
3	24	PLUG	PEDESTAL
4	24	INSERTION	PEDESTAL
5	24	PLUG	PEDESTAL
6	20	PLUG	CHAINFALL
7	20	PLUG	HANDWHEEL
10	20	PLUG	CHAINFALL
11	16	PLUG	CHAINFALL
12	16	PLUG	HANDWHEEL
13	6	CHECK	SWING CHECK
14	6	CHECK	SWING CHECK
15	6	PLUG	HANDWHEEL
16	6	PLUG	HANDWHEEL
17	6	PLUG	HANDWHEEL
23	6	PLUG	CHAINFALL
28	4	PLUG	HANDWHEEL
29	4	PLUG	HANDWHEEL
30	6	PLUG	HANDWHEEL
31	6	PLUG	CHAINFALL
32	6	PLUG	CHAINFALL
33	8	PLUG	CHAINFALL
34	8	PLUG	CHAINFALL
35	6	PLUG	CHAINFALL
36	6	PLUG	CHAINFALL
37	6	PLUG	CHAINFALL
38	6	PLUG	HANDWHEEL
39	6	PLUG	PEDESTAL
40	6	PLUG	PEDESTAL
41	6	PLUG	PEDESTAL
42	6	PLUG	PEDESTAL
43	6	PLUG	PEDESTAL
44	6	PLUG	HANDWHEEL
45	6	PLUG	CHAINFALL
55	10	PLUG	HANDWHEEL
59	10	PLUG	HANDWHEEL
75A	14	PLUG	CHAINFALL
76	6	PLUG	HANDWHEEL
77	6	PLUG	HANDWHEEL
78	6	PLUG	HANDWHEEL
79	6	PLUG	HANDWHEEL

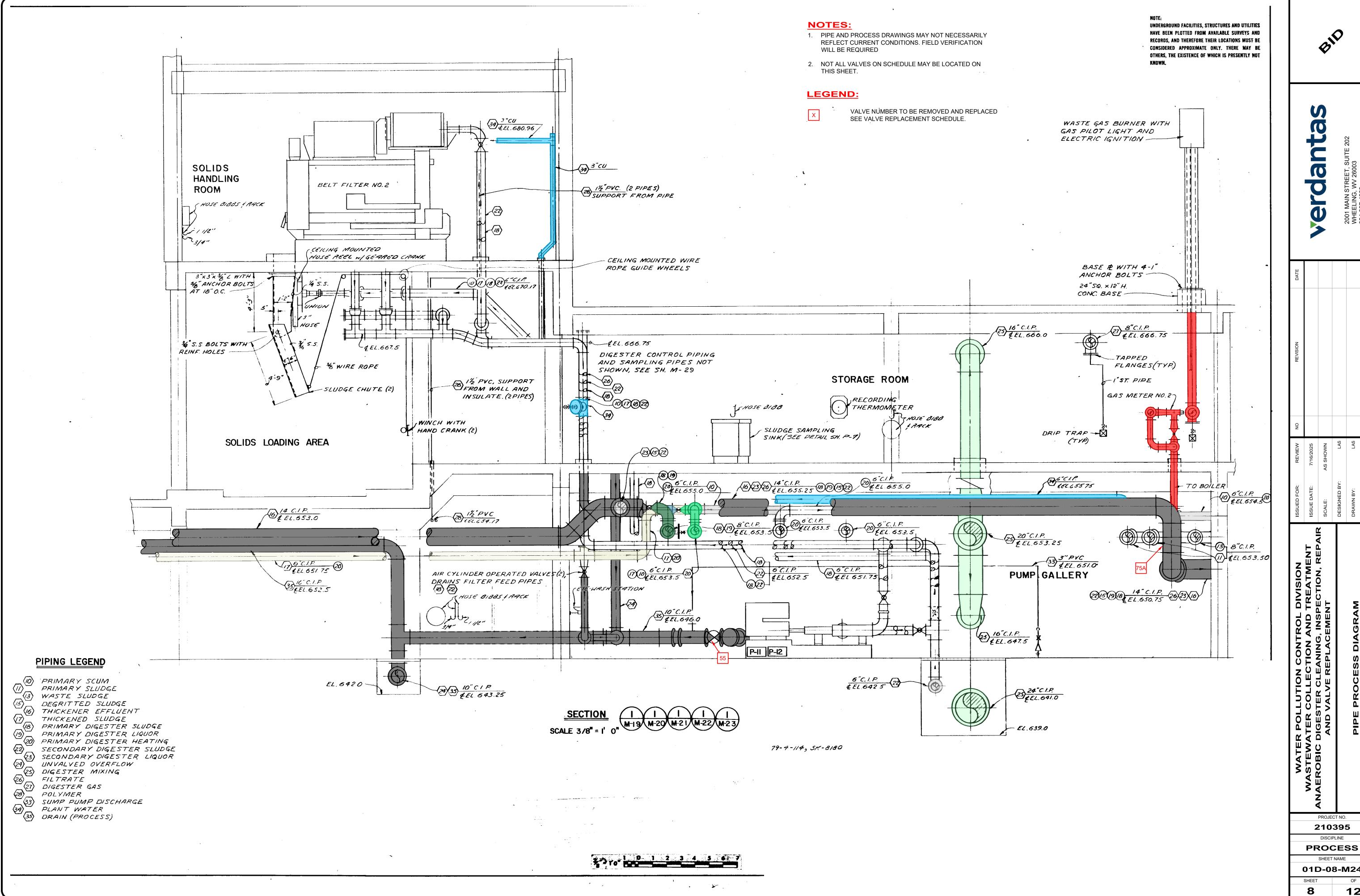


	WATER POLLUTION CONTROL DIVISION	ISSUED FOR:	REVIEW
	WASTEWATER COLLECTION AND TREATMENT	ISSUE DATE:	7/16/2025
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CT NO.	CT NO.	DESIGNED BY:	LAS
	PIPE PROCESS DIAGRAM	DRAWN BY:	LAS
		CHECKED BY:	#

210395 DISCIPLINE **PROCESS** SHEET NAME 01D-05-M18

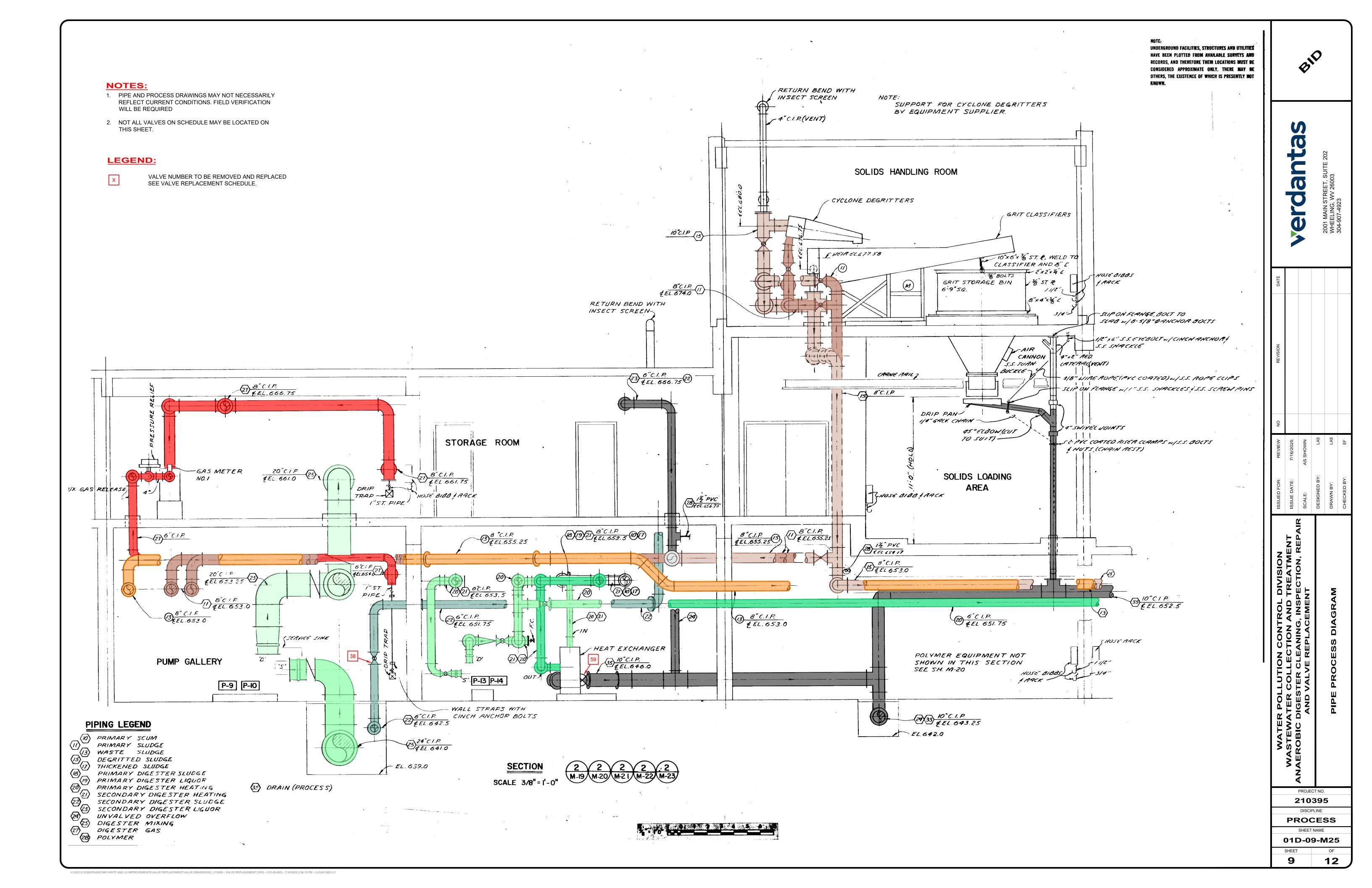


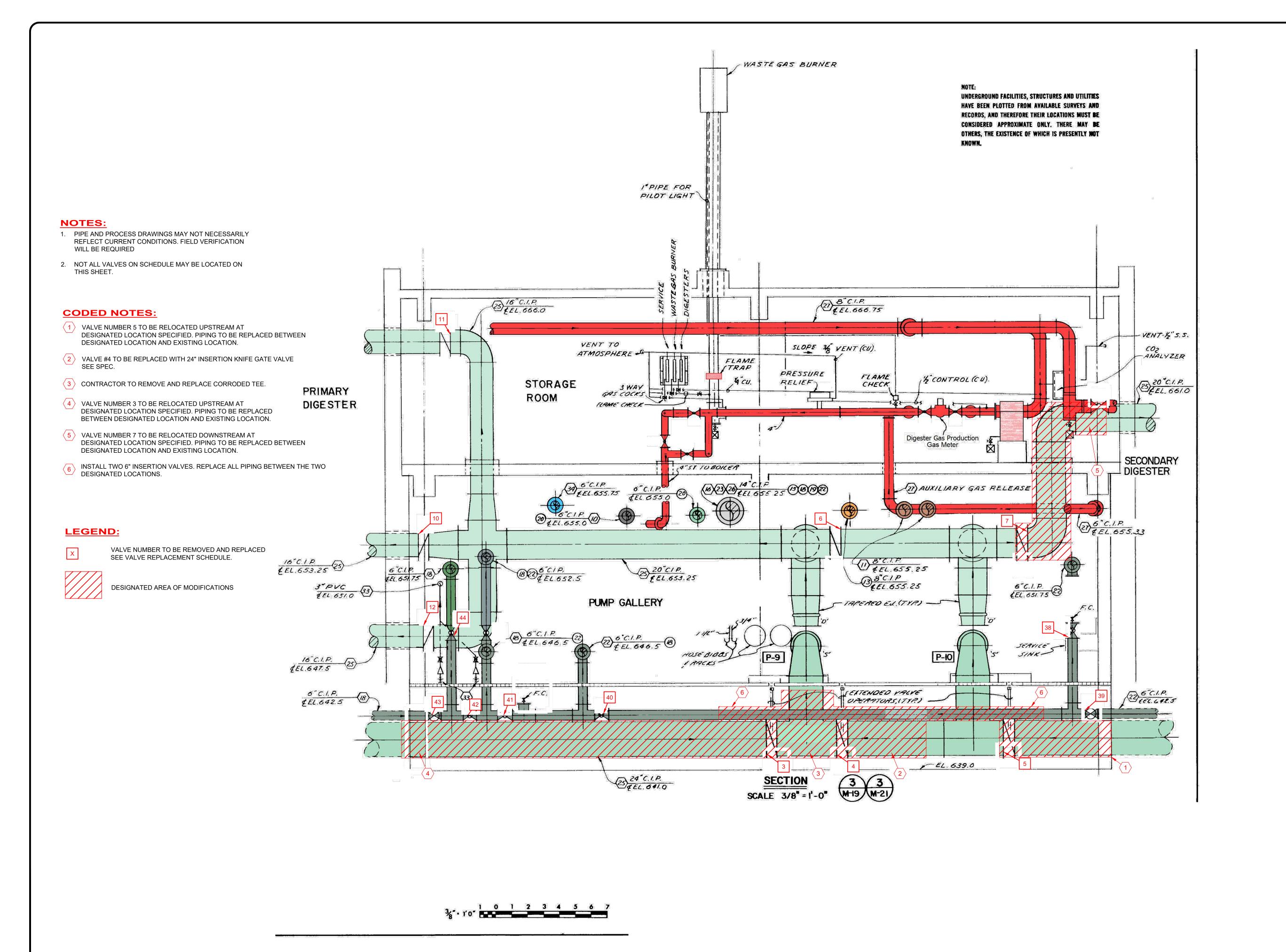




PROCESS

01D-08-M24







MAIN STREET, SUITE 202

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 ISSUE DATE:
 7/16/2025
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WATER POLLUTION CONTROL DIVISION
VASTEWATER COLLECTION AND TREATMENT
EROBIC DIGESTER CLEANING, INSPECTION, REP
AND VALVE REPLACEMENT
PIPE PROCESS DIAGRAM

PROJECT NO.
210395

DISCIPLINE PROCESS

01D-10-M27SHEET OF

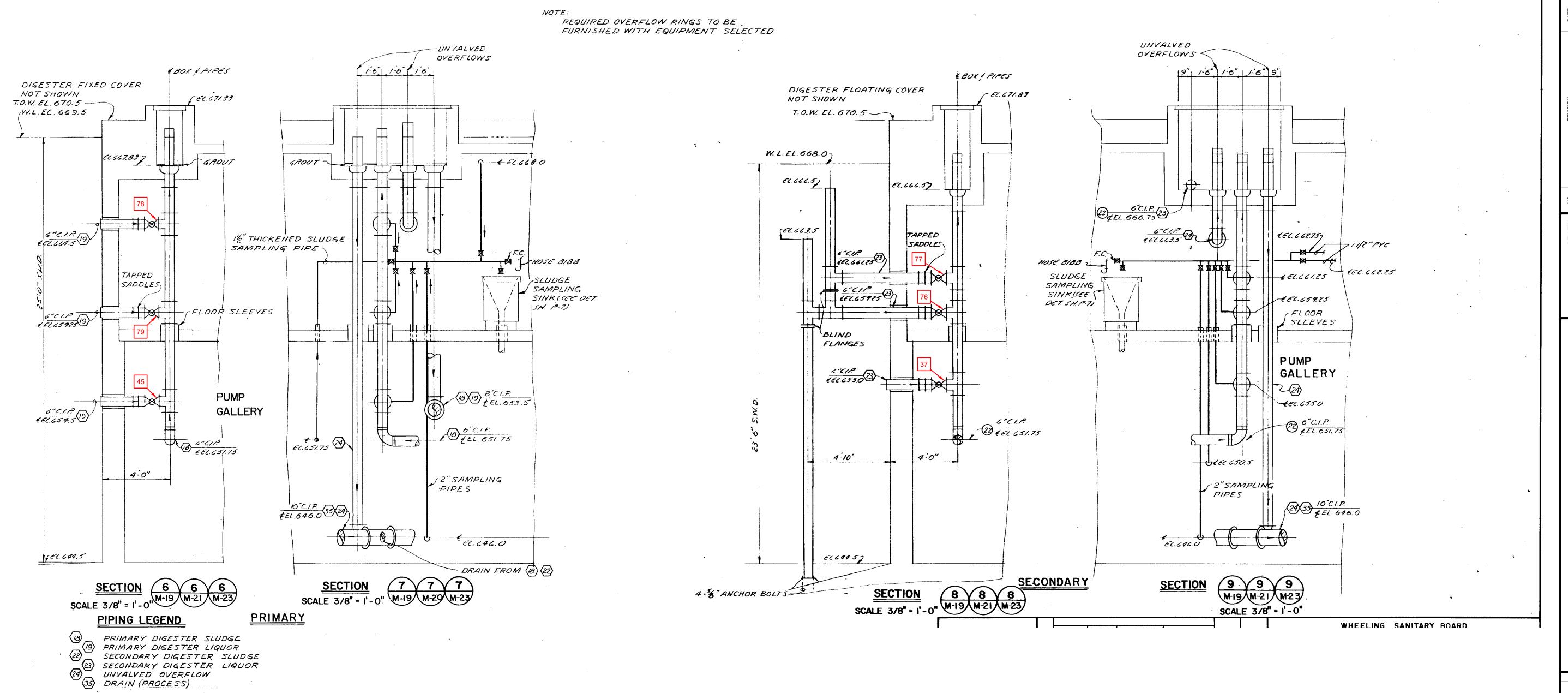
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1. PIPE AND PROCESS DRAWINGS MAY NOT NECESSARILY REFLECT CURRENT CONDITIONS. FIELD VERIFICATION WILL BE REQUIRED

2. NOT ALL VALVES ON SCHEDULE MAY BE LOCATED ON THIS SHEET.

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VALVE NUMBER TO BE REMOVED AND REPLACED SEE VALVE REPLACEMENT SCHEDULE.



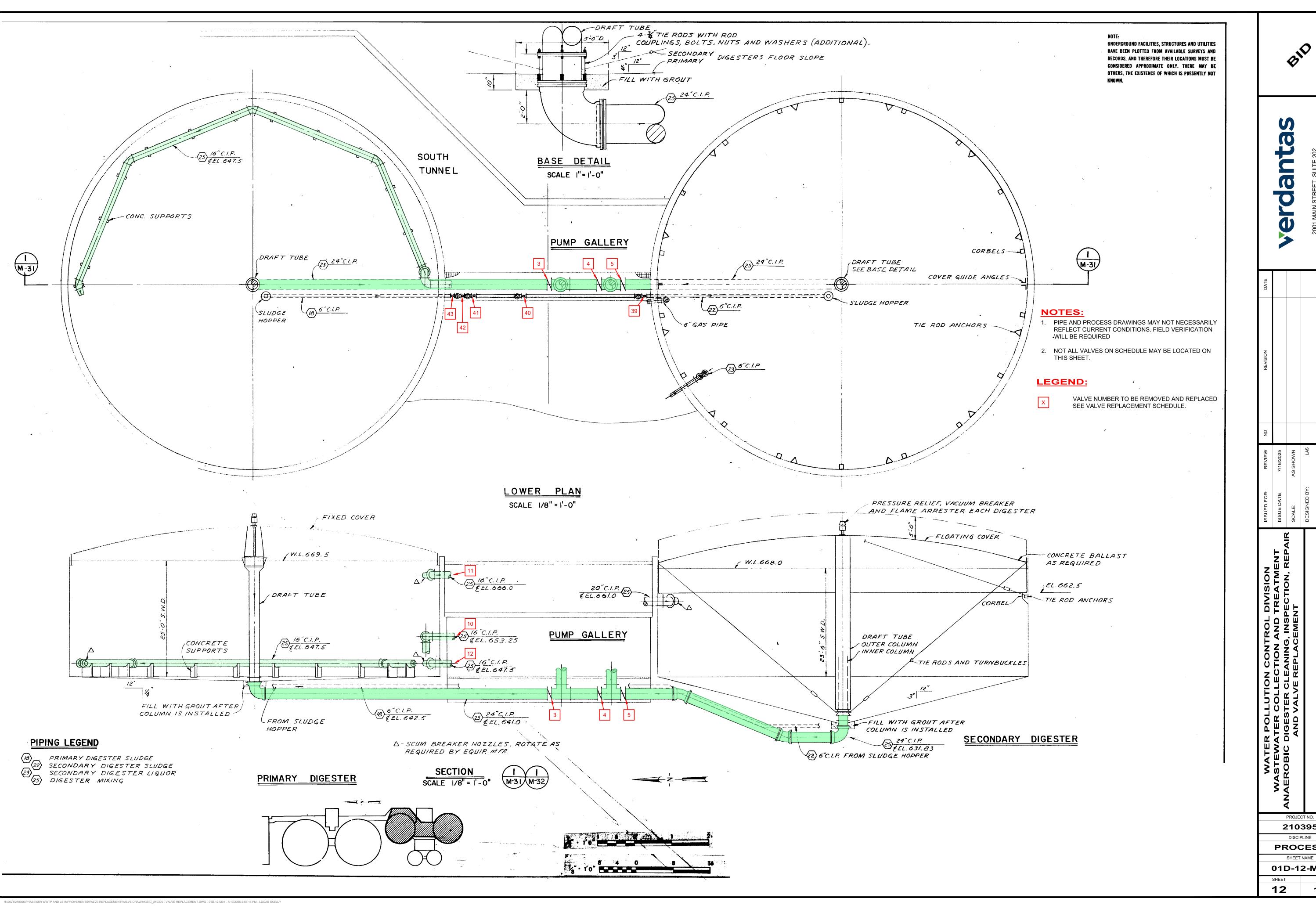
OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT

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PROJECT NO. 210395 DISCIPLINE

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PROCESS

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