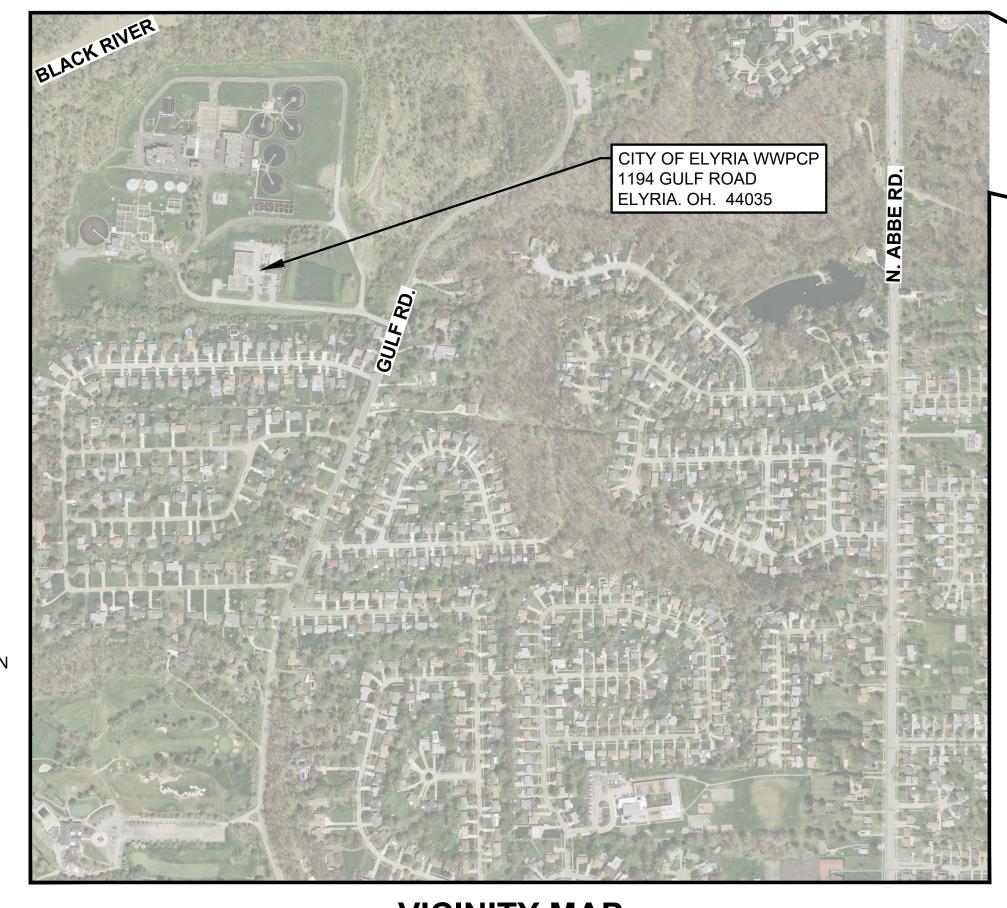
CITY OF ELYRIA, OH WASTEWATER POLLUTION CONTROL PLANT

SLUDGE LINE REPLACEMENT

INDEX OF DRAWINGS

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Α	5-15-24	99-CP-01	CIVIL AND PROCESS DETAILS



VICINITY MAP

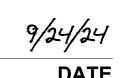
NOT TO SCALE

ACCEPTED BY THE CITY OF ELYRIA

G Re	9-24-24
KEVIN BRUBAKER MAYOR	DATE
CHRIS PYANOWSKI SAFETY-SERVICE DIRECTOR	DATE
S) Sli	9/21/24
JOHN SCHNEIDER, P.E. CITY ENGINEER	DATE
SHAYNE STEWERT PLANT SUPERINTENDENT	DATE

SUBMITTED BY AECOM











ISSUED FOR BID SEPTEMBER 24, 2024

GENERAL NOTES

- 1. SUBSTITUTIONS AND QUALIFICATIONS: ALL PRICING SHALL BE BASED ON THE CONSTRUCTION DOCUMENTS WITH SUBSTITUTION OR ALTERATION. THE GENERAL CONTRACTOR SHALL CALL OUT AND CLEARLY IDENTIFY PROPOSED SUBSTITUTIONS. PROPOSED SUBSTITUTIONS SHALL BE REVIEWED BY THE OWNER AND ARCHITECT AND HE/SHE SHALL HAVE FINAL AUTHORITY TO ACCEPT OR REJECT SUBSTITUTIONS AS "EQUAL" TO THE SPECIFIED ITEM OR 29. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE LOCATION AND ACTIVITIES OF HIS FORCES ASSEMBLY, ANY QUALIFICATIONS TO THE BID PROPOSING ALTERNATIVE SYSTEMS, MATERIALS, METHODS, ECT.(WHICH IN THE GENERAL CONTRACTORS OPINION REDUCE THE TOTAL COST OF THE JOB) SHALL BE OUTLINED AND ATTACHED TO THE BID FOR REVIEW BY THE ARCHITECT AND TENANT. IF THE GENERAL CONTRACTOR DOES NOT INDENTIFY AND RECEIVE TENANT APPROVAL FOR SUBSTITUTIONS THEN THE 30. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE SITE SUPERINTENDENT AT THE SITE. TENANT RETAINS THE RIGHT TO DEMAND THAT THE PRODUCTS OR CONSTRUCTION ORIGINALLY SPECIFIED E INSTALLED WITHOUT ADDITION EXPENSE TO THE TENANT.
- 2. PRIOR TO STARTING WORK, THE GENERAL CONTRACTOR AND APPROPRIATE SUBCONTRACTORS SHALL THOROUGHLY EXAMINE THE SITE AND THE CONSTRUCTION DOCUMENTS TO ENSURE THEIR KNOWLEDGE OF 32. VIEW THE SITE AND COORDINATE WITH THE OWNER REGARDING LOCATION OF EXISTING FACILITIES AND ALL RELEVANT FIELD CONDITIONS AND REQUIREMENT AFFECTING THE WORK. NO CLAIM FOR EXTRA COMPENSATIONS WILL BE ALLOWED FOR THE GENERAL CONTRACTOR'S OR SUBCONTRACTOR'S FAILURE TO COMPLY WITH THE REQUIREMENT.
- 3. ALL CONTRACTORS FOR THIS WORK ARE REQUIRED TO HAVE INSURANCE OF THE TYPES AND LIMITS SPECIFIED BY THE LANDLORD AND OWNER AND/OR AS REQUIRED BY LOCAL & STATE AGENCIES.

EACH CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE OHIO BUILDING CODE, 2011 EDITION, AND WITH ALL OTHER CODES AND GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER HIS PORTION OF WORK. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES PORTION OF THE WORK. ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE BUILDING CODES, LOCAL AND STATE RESTRICTIONS INCLUDING ADA ACCESSIBILITY STANDARDS.

5. PERMITS. FEES AND TAXES:

- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES, LICENSES AND DEPOSITS AND BE 35. THE OWNER AND/OR THE OWNER'S REPRESENTATIVE SHALL NOT BE RESPONSIBLE FOR THE MEANS, LIABLE FOR ALL STATE AND FEDERAL SALES TAXES, AND ALL OBLIGATIONS UNDER THE FEDERAL SECURITY METHODS, PROCEDURES, TECHNIQUES, OR SEQUENCES OF CONSTRUCTION NOT SPECIFIED HEREIN NOR ACT. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN CERTIFICATES OF COMPLIANCE, APPROVAL OR ACCEPTANCE FORM ALL AUTHORITIES HAVING JURISDICTION OVER THE WORK AND DELIVER THESE CERTIFICATES TO THE OWNER ALONG WITH OFFICIAL RECEIPTS FOR THE SAME.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REMEDY OR REPLACE ANY FAULTY, IMPROPER OR INFERIOR MATERIAL OR WORKMANSHIP WHICH SHALL APPEAR WITHIN A SPECIFIC COMPONENT AFTER THE COMPLETION AND ACCEPTANCE OF THE WORK UNDER THIS CONTRACT FOR A PERIOD OF NOT LESS 37. THE CONTRACTOR SHALL MAINTAIN STORAGE AREAS. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO THAN ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. A SUBSTANTIAL COMPLETION CERTIFICATE WILL BE EXECUTED AND DISTRIBUTED BY THE ARCHITECT. PROVIDE THE OWNER'S CONTACT FOR ALL APPLICABLE WARRANTIES, GUARANTEES, MAINTENANCE MANUALS,

ETC. INCLUDING A COPY OF THE CERTIFICATE OF OCCUPANCY PRIOR TO APPLICATION FOR FINAL PAYMENT

- 7. PROVIDE THE OWNER WITH A CERTIFICATE OF INSURANCE FOR ALL LIABILITIES. CONTRACTOR SHALL INCLUDE BUILDER'S RISK COVERAGE IN HIS CERTIFICATE.
- 8. COMPLIANCE WITH OSHA IS REQUIRED OF ALL CONTRACTORS ON THE PROJECT. THE CONTRACTOR AND ANY REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER. BUTT JOINTS SHALL BE USED WHERE SUBCONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL OSHA, FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS.
- 9. THE GENERAL CONTRACTOR SHALL ORDER AND SCHEDULE DELIVERY OF MATERIAL IN AMPLE TIME TO AVOID VEHICULAR TRAFFIC OR OTHER METHOD ACCEPTABLE TO THE CITY, DURING NON-WORK HOURS. SUCH DELAYS IN CONSTRUCTION. IF AN ITEM IS FOUND TO BE UNAVAILABLE OR TO HAVE A LONG LEAD TIME, CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY. AND MAY BE ASKED TO MAKE RECOMMENDATIONS FOR EQUAL MATERIALS THAT WOULD BE AVAILABLE IN THE SCHEDULED TIME FRAME NECESSARY TO 41. CONTRACTOR SHALL BACKFILL AND MAINTAIN TRENCHES ACROSS PARKING AREAS AS SOON AS POSSIBLE. COMPLETE THE PROJECT ON SCHEDULE & BUDGET.
- 10. CONTRACTOR SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES, OR OMISSIONS HE MAY DISCOVER PRIOR TO THE COMMENCING WORK WITH THE REQUEST FOR INFORMATION (RFI) FORM.
- LAYOUT ONLY AND DOES NOT RELIEVE THE CONTRACTOR FROM THE NECESSITY OF MAKING. WITHOUT COST TO THE OWNER. CHANGES OR CORRECTIONS DUE TO ERRORS IN FABRICATION OR ERRORS IN DIMENSIONS.
- 12. DIMENSION TAKE PRECEDENCE OVER DRAWINGS DO NOT SCALE.
- 13. ALL SHOP DRAWINGS REQUIRE THE APPROVAL BY THE CITY. GENERAL CONTRACTOR TO PREPARE AND PROVIDE SHOP DRAWINGS/ PRODUCT SUBMITTALS FOR ALL MATERIALS, INTERIOR FINISHES AND MILLWORK FOR ARCHITECT'S REVIEW (4 COPIES).
- 4. PARTIAL PLANS: THE CONSTRUCTION DOCUMENTS AS DEFINED BY THE DRAWING INDEX ARE ALL NECESSARY TO DEFINE THE TOTAL PROJECT. PARTIAL PLANS SHOULD NOT BE ISSUED BY THE GENERAL CONTRACTOR FOR BIDDING OR CONSTRUCTION.
- 15. CONTRACTOR SHALL CLEAN WORK AREAS ON A DAILY BASIS SO AS TO NOT ACCUMULATE DEBRIS UPON 46. ALL SURFACES SCHEDULED TO BE PAINTED ARE TO BE PREPARED FOR PRIMING IN ACCORDANCE WITH THE PROJECT COMPLETION CONTRACTOR IS TO CLEAN WORK AREAS AND JOB SITE THOROUGHLY SO AS TO MANUFACTURER'S RECOMMENDATIONS. DUST AND RESIDUE AND DEBRIS. DELIVER BUILDING TO OWNER IN CLEAN CONDITION ALLOWING IMMEDIATE
- OPERATION. 16. THE GENERAL CONTRACT SHALL PROVIDE NEW FIRE EXTINGUISHERS TO FULLY COMPLY WITH THE
- APPROVAL PRIOR TO ORDERING FIRE EXTINGUISHERS. 17. ALL WORK SHALL BE PERFORMED TO THE HIGHEST INDUSTRY STANDARDS FOR QUALITY WORKMANSHIP - 48. ALL ELECTRICAL RECEPTACLES SHALL BE 1'-6" AFF UNLESS NOTED OTHERWISE. RECEPTACLES AND
- AND RECOMMENDATIONS MATERIALS AND METHODS SHALL CONFORM TO APPROPRIATE NATIONAL TRADE
- 18. EACH SUBCONTRACTOR SHALL INCLUDE ALL MISCELLANEOUS ITEMS REQUIRED TO COMPLETE CONTRACTED WORK, INCLUDING RIGGING OF MATERIALS AND EQUIPMENT, ALL HANGERS, SUPPORTS, ANCHORS, SUSPENSION MEANS, CONDUIT, WIRE, FITTINGS AND/OR SLEEVES.
- APPROPRIATE N.E.M.A STANDARDS. 20. PROVIDE ADEQUATE FRAMING FOR LIGHTING AND MECHANICAL EQUIPMENT (DIFFUSERS AND/OR ACCESS
- PANELS) ALL ELECTRICAL, PLUMBING, AND MECHANICAL WORK SHALL MEET THE STANDARDS OF ALLFLOOR FINISH: (WHERE APPLICABLE) REQUIRED LOCAL AND STATE CODES AND ORDINANCES.
- 21. COORDINATE ARCHITECTURAL AND STRUCTURAL DIMENSIONS PRIOR TO FABRICATION AND ASSEMBLY OF AS PER FLOOR SEALER MANUFACTURER REQUIREMENTS. ANY BUILDING COMPONENTS. IN EVENT OF A DISCREPANCY, CONTACT ARCHITECT AND OBTAIN WRITTEN RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.
- 22. CONTRACTOR SHALL COORDINATE ALL WORK, DELIVERIES, STORAGE OF MATERIALS, SCHEDULING AND PROTECTION OF EXISTING PROPERTY.
- 23. THE CONTRACTOR SHALL MAKE ARRANGEMENT WITH THE OWNER FOR USE OF ELECTRICITY, TELEPHONES, WATER, TOILETS, PARKING, STORAGE AND OTHER FACILITIES.
- 24. ALL UTILITY INFORMATION SHOWN ON THESE PLANS IS BASED ON AVAILABLE RECORD DRAWINGS AND FIELD LOCATION AND IS PROVIDED AS A REFERENCE ONLY. IT IS BELIEVED THAT THESE LOCATIONS ARE REASONABLE CORRECT. HOWEVER, THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THESE EXISTING UTILITIES.
- 25. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING CONDITIONS AT THE SITE.
- 26. THE CONTRACTOR SHALL GIVE THE CITY AND ALL UTILITY OWNERS A MINIMUM OF 48 HOUR NOTICE BEFORE THE BEGINNING OF WORK.
- 27. WORKING HOURS AT THE SITE ARE FROM 7:00 AM TO 4:00 PM MONDAY THROUGH FRIDAY. PERMISSION IS REQUIRED FROM THE OWNER TO WORK ON SATURDAY, SUNDAY OR ANY WEEKDAY NIGHT PAST THE HOURS SPECIFIED. SUNDAY WORK WILL ONLY BE PERMITTED IN CASE OF EMERGENCY.

- 28. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL WORK AS INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS AND AS DIRECTED BY THE OWNER IN CONFORMANCE WITH ALL APPLICABLE CODES AND IN A PROPER AND WORKMANLIKE MANNER.
- WITH THE OWNER AND ENGINEER TO MINIMIZE INTERFERENCE WITH EXISTING FACILITIES AND OPERATIONS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 31. CONTRACTOR TO COORDINATE SEQUENCE OF CONSTRUCTION SUCH THAT EXISTING SITE OPERATIONS WILL BE MAINTAINED AT ALL TIMES.
- ANY POSSIBLE UTILITY SERVICE INTERRUPTION OR RELOCATION. THE CONTRACTOR'S RESPONSIBILITIES INCLUDE, BUT ARE NOT LIMITED TO, THE INVESTIGATION, VERIFICATION OF EXISTING UTILITY DIMENSIONS AND LOCATION, SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT.
- 33. IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO PRESCRIBE A COMPLETE WORK OR IMPROVEMENT. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND ANY REQUIREMENTS INDICATED IN ONE OF THE DOCUMENTS IS AS BINDING AS HAVING BEEN INDICATED IN ALL. IF A CONFLICT EXISTS BETWEEN ANY OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SUBMIT IN WRITING AN EXPLANATION OF THE CONFLICT AND IT SHALL BE RESOLVED IN ACCORDANCE WITH THE "AGREEMENT".
- SEQUENCES AND PROCEDURES AND FOR SAFETY PRECAUTION AND PROGRAMS IN CONNECTION WITH HIS 34. THE CONTRACTOR SHALL PERFORM WORK AS NOT TO DISTURB, DAMAGE, OR DESTROY ANY EXISTING FACILITIES AT THE JOB SITE. ANY ITEMS DAMAGED OR DESTROYED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ANY ITEMS DAMAGED MUST BE REPORTED IMMEDIATELY TO THE SITE SUPERINTENDENT.
 - FOR THE SAFETY ON THE JOB SITE. NOR SHALL THE DESIGN ENGINEER BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
 - 36. THE CONTRACTOR SHALL NOTIFY OWNER OF ANY ADDITIONAL REQUIREMENTS IN MATERIAL OR LABOR PRIOR TO PERFORMING WORK.
 - MEET NECESSARY STORM WATER AND ENVIRONMENTAL PROTECTION REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER OF WORK THAT MAY ADVERSELY AFFECT STORM WATER RUNOFF FROM THE
 - 38. CONTRACTOR MUST PROTECT CATCH BASINS, INLET BASINS AND MANHOLE COVERS FROM WATER RUNOFF GENERATED BY CONSTRUCTION ACTIVITIES.
 - 39. ANY PAVEMENT INTENDED TO REMAIN THAT IS DAMAGED DURING CONSTRUCTION SHALL BE SAW CUT, ALL NEW PAVEMENT MEETS EXISTING PAVEMENT.
 - 40. CONTRACTOR SHALL COVER OPEN EXCAVATIONS AND TRENCHES WITH STEEL PLATES SUITABLE FOR WORK SHALL BE INCIDENTAL TO THE TOTAL PROJECT COST.
 - THE CONTRACTOR SHALL PLACE PERMANENT ASPHALT FOLLOWING COMPLETION OF WORK.

DOOR AND HARDWARE NOTES:

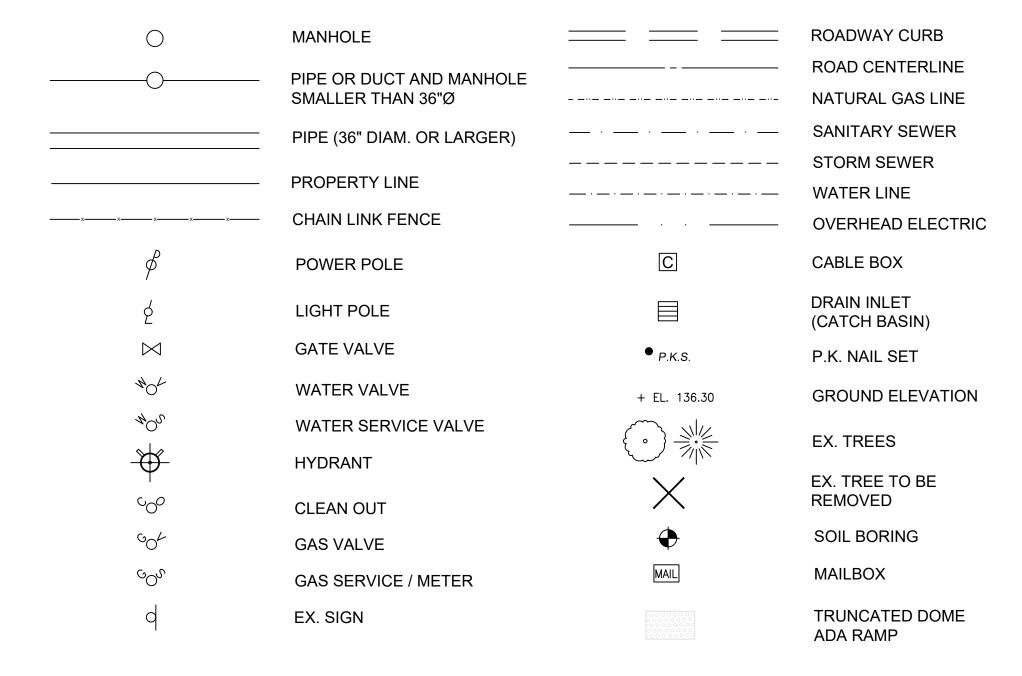
- 11. THE ARCHITECT'S/ENGINEER'S REVIEW OF SHOP AND ERECTION DRAWINGS IS AN APPROVAL OF GENERAL 42. PROVIDE ALL HARDWARE, DOOR PULLS, HINGES, CLOSERS, ELECTRO-MAGNETIC DEVICES, WEATHER-STRIPPING ECT. REQUIRED TO PROVIDE A FULL AND COMPLETE INSTALLATION.
 - 43. CONTRACTOR SHALL PROVIDE A HARDWARE SCHEDULE AND CATALOGUE CUTS FOR ALL FINISH HARDWARE FOR APPROVAL BY THE ARCHITECT.
 - 44. PROVIDE THREE (3) HINGES PER DOOR TYPICALLY, UNLESS THE WEIGHT OR SIZE OF THE DOOR REQUIRES ADDITION HINGES.
 - 45. PROVIDE SILENCERS AT ALL METAL FRAME DOORS. PROVIDE WALL OR FLOOR MOUNTED DOOR STOPS AT ALL DOORS. (INSURE ADEQUATE BLOCKING FOR WALL MOUNTED STOPS) SUBMIT TO ARCHITECT FOR

ENGINEERING (WHERE APPLICABLE)

- APPLICABLE LOCAL BUILDING CODES. LOCATIONS TO BE COORDINATED IN THE FIELD WITH THE ARCHITECT. 47. ANY DISCREPANCIES OR CONFLICTS BETWEEN ARCHITECTURAL AND ENGINEERING DOCUMENTS (LIGHT THE GENERAL CONTRACTOR SHALL SUBMIT MANUFACTURER PRODUCT DATA FOR THE ARCHITECT FIXTURES, SWITCHES, THERMOSTATS, DIFFUSERS, ECT.) MILLWORK AND/OR FIELD CONDITIONS SHALL BE CLARIFIED WITH THE ARCHITECT BEFORE INITIATING WORK.
- ALL MATERIALS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS TELEPHONE OUTLETS SHALL NOT BE MOUNTED BACK TO BACK. ALL OUTLETS SHOWN GROUPED TOGETHER SHALL NOT BE MORE THAN 5" APART AND SHALL BE SPACED EQUALLY. ALL SWITCHES SHALL BE LOCATED AT 48" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE. SHOULD A CONFLICT OCCUR BETWEEN THE ARCHITECTURAL DRAWINGS AND ANY REQUIREMENT FOR PROPER FUNCTIONING. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO BRING THE CONFLICT TO THE ATTENTION OF THE ARCHITECT, PRIOR TO PROCEEDING WITH THE WORK. OUTLETS WITHIN 6'-0 OF "WET" AREAS ARE TO BE GROUND FAULT INTERRUPTION CIRCUIT TYPE(GFI).
- 19. ALL MATERIALS TO BE INSTALLED SHALL BE NEW AND BEAR U.L. LABELS WHERE REQUIRED AND MEET 49. THE HVAC SYSTEM SHALL BE INSTALLED NEW, TO MEET THE OWNER'S REQUIREMENT BASED UPON EQUIPMENT LOADS, FUNCTION, AND TYPE OF SPACE.

50. INTERIOR CONCRETE FLOOR SURFACES TO BE THOROUGHLY CLEANED AND RECEIVED ASHFORD FORMULA SEALER

LEGEND



ABBREVIATIONS

SLUDGE LINE REPLACEMENT

WASTEWATER POLLUTION CONTROL PLANT 1194 GULF ROAD ELYRIA, OH

CLIENT

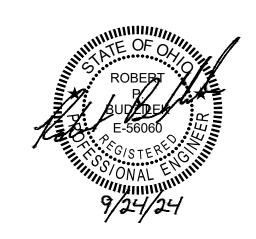
CITY OF ELYRIA

DEPARTMENT OF PUBLIC SERVICE 131 COURT STREET ELYRIA, OH

CONSULTANT

1300 E. 9TH STREET, SUITE 500 CLEVELAND, OH 44114 216.622.23000 tel 216.622.2301 fax www.aecom.com

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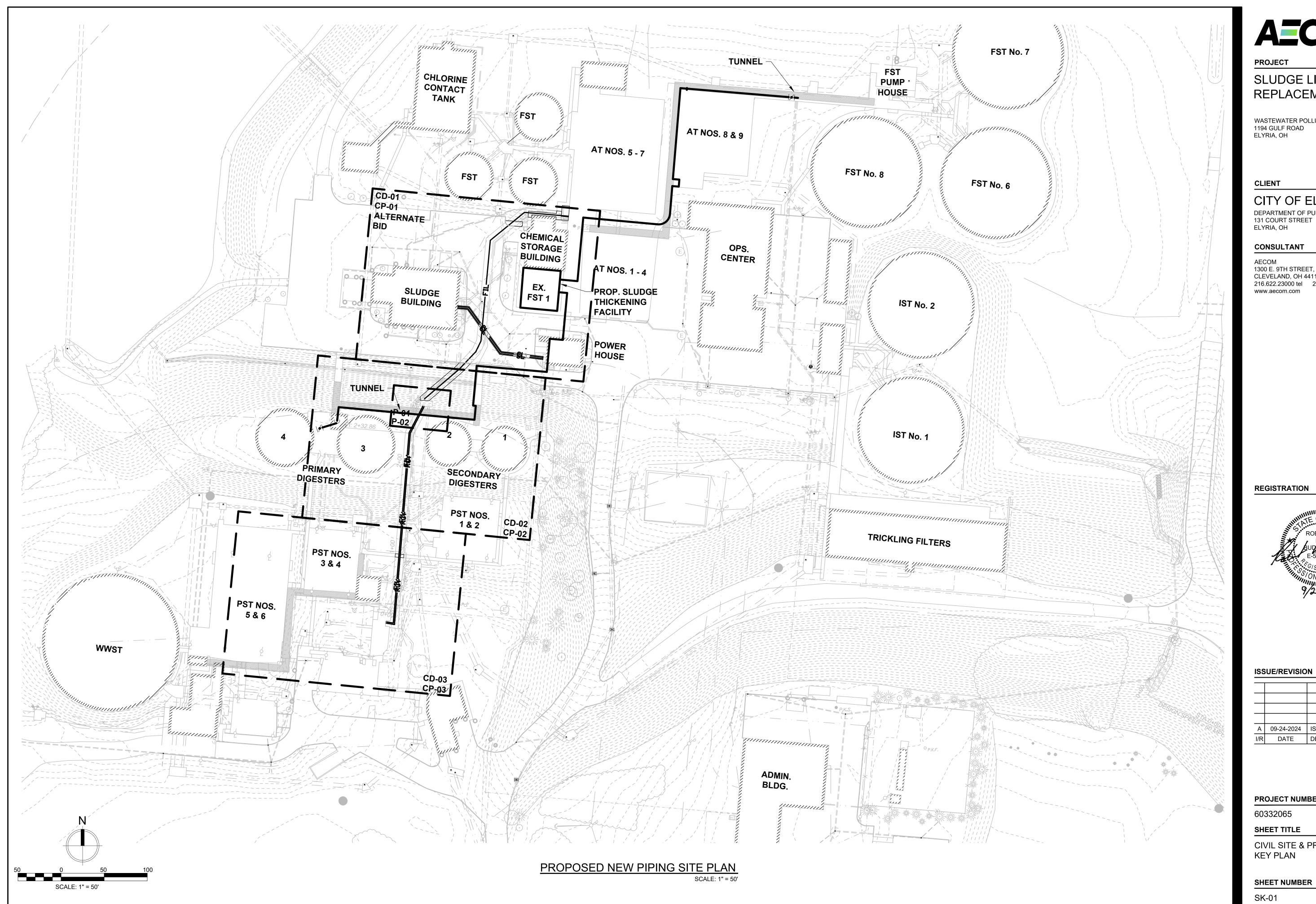
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SHEET TITLE

GENERAL NOTES, ABBREVIATIONS, LEGEND AND SYMBOLS



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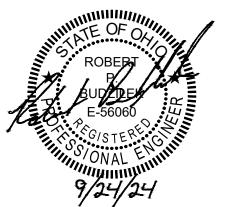
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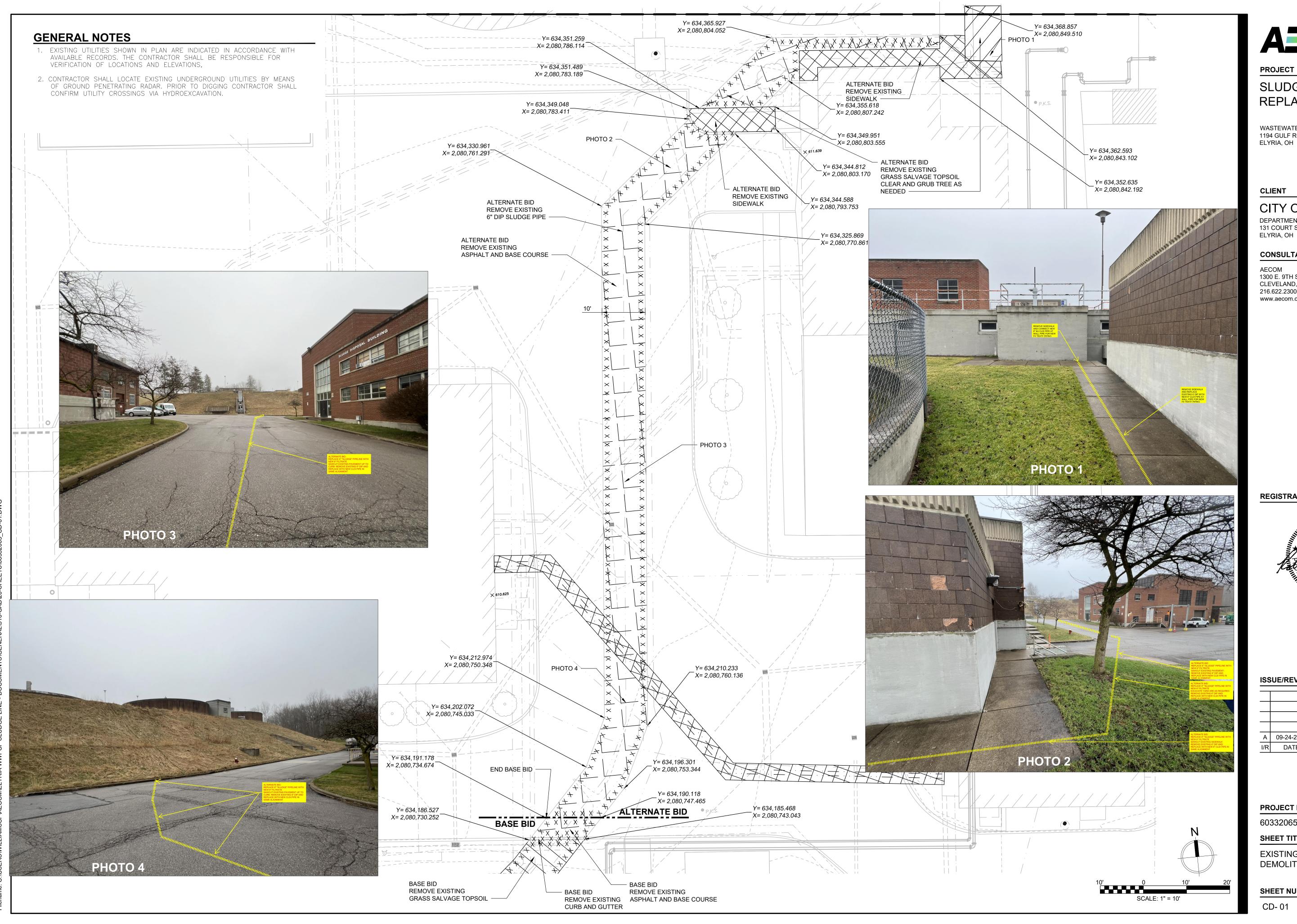
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CIVIL SITE & PROCESS **KEY PLAN**

SHEET NUMBER

SK-01



AECOM

SLUDGE LINE REPLACEMENT

WASTEWATER POLLUTION CONTROL PLANT 1194 GULF ROAD

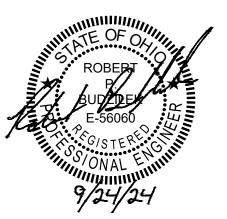
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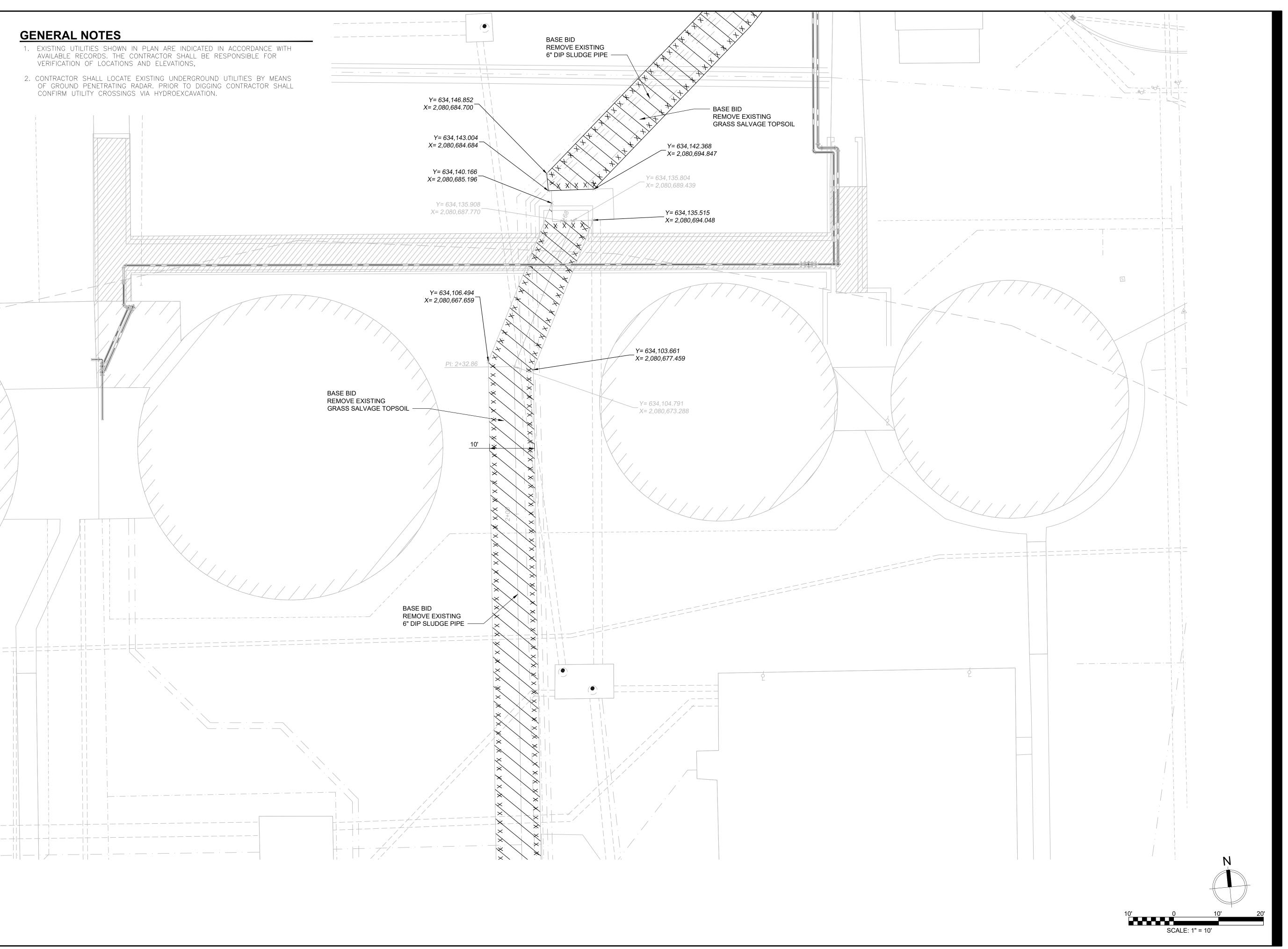
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SHEET TITLE

EXISTING FACILITIES AND DEMOLITION PLAN





SLUDGE LINE REPLACEMENT

WASTEWATER POLLUTION CONTROL PLANT 1194 GULF ROAD ELYRIA, OH

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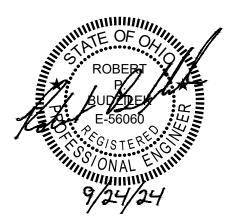
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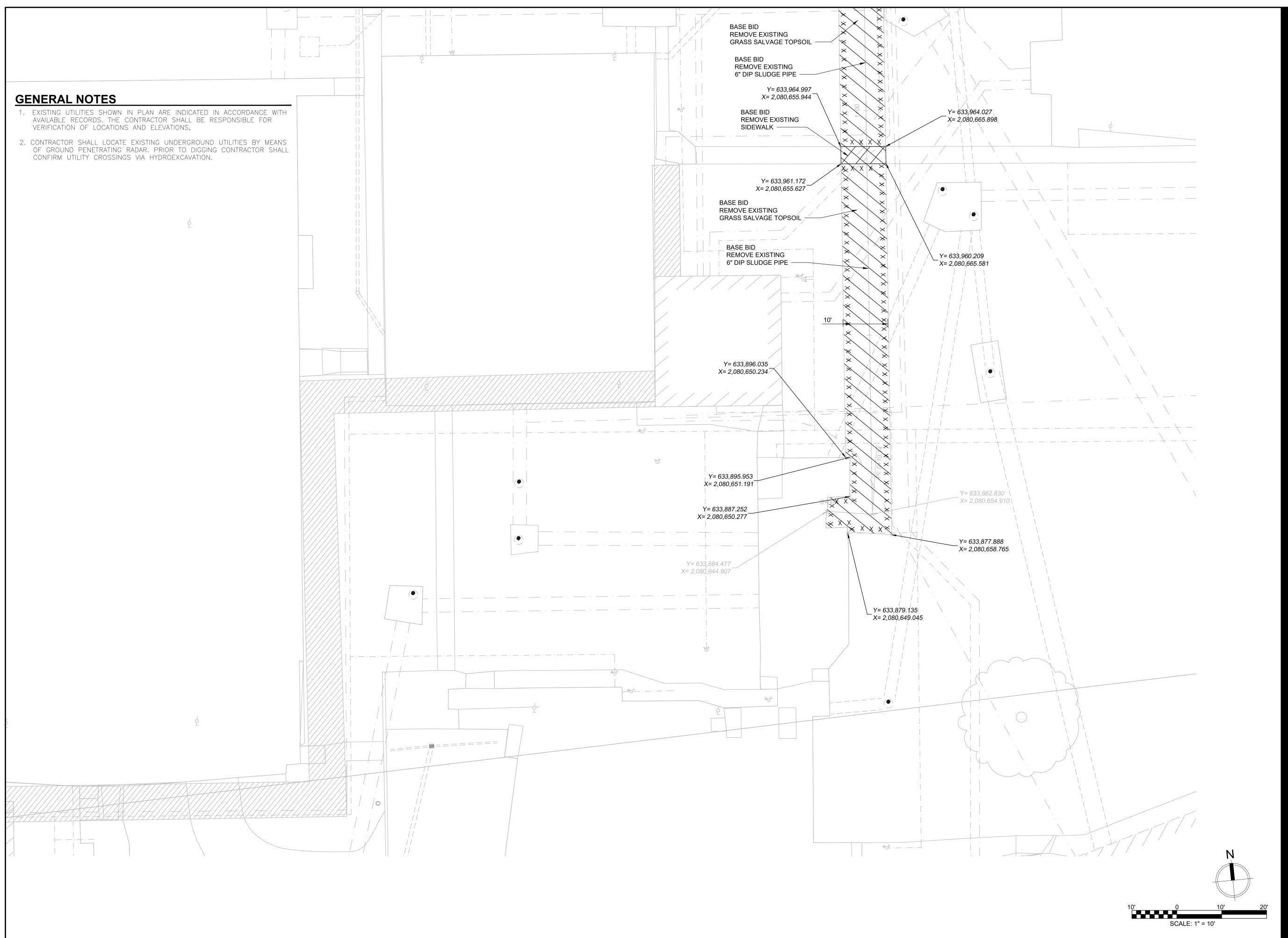
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EXISTING FACILITIES AND DEMOLITION PLAN

SHEET NUMBER

CD-02





SLUDGE LINE REPLACEMENT

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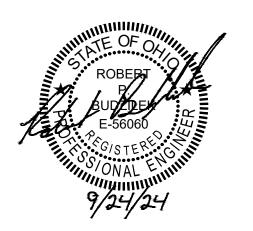
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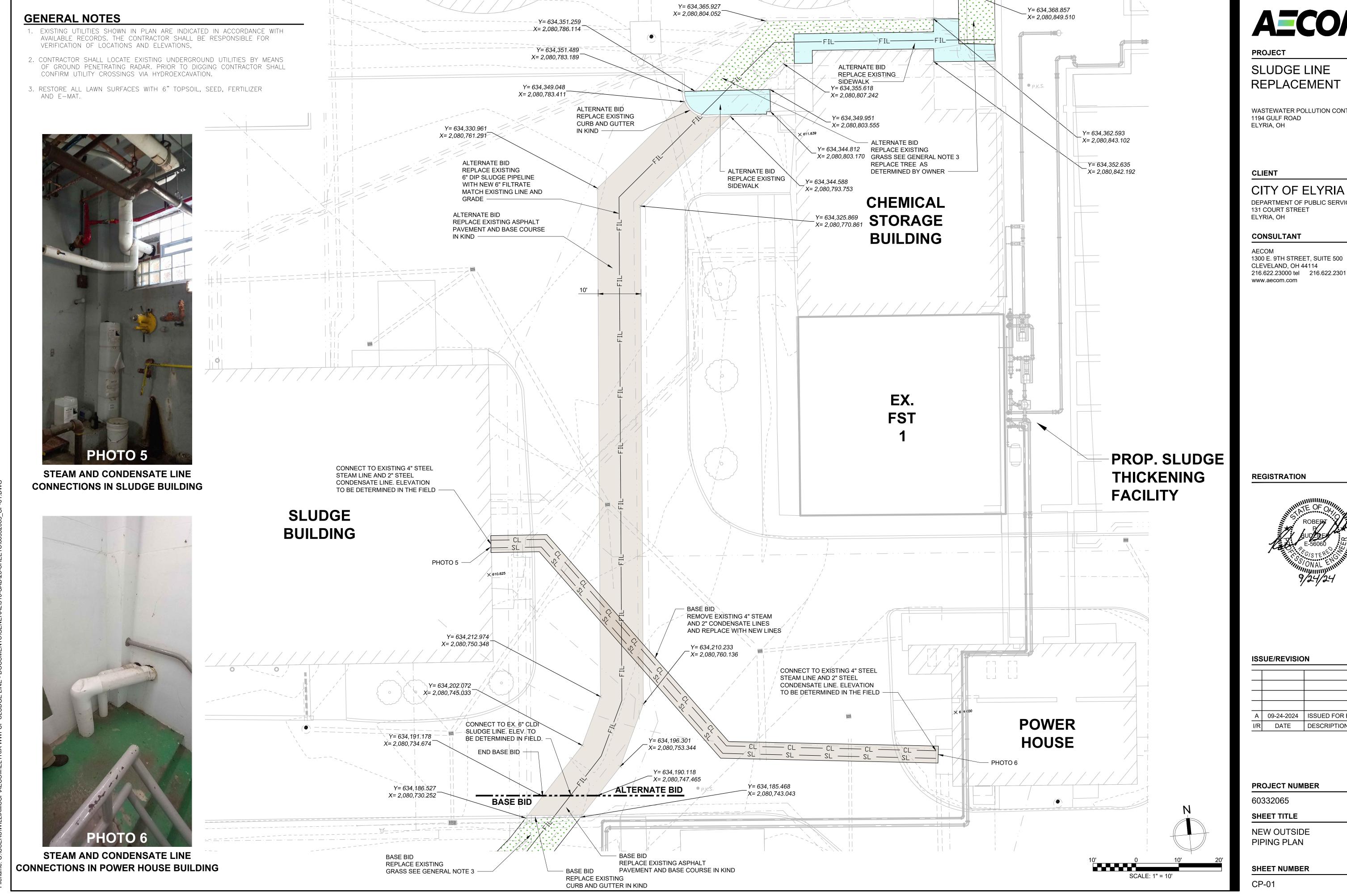
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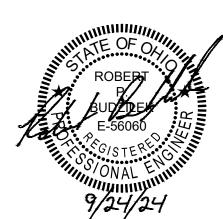


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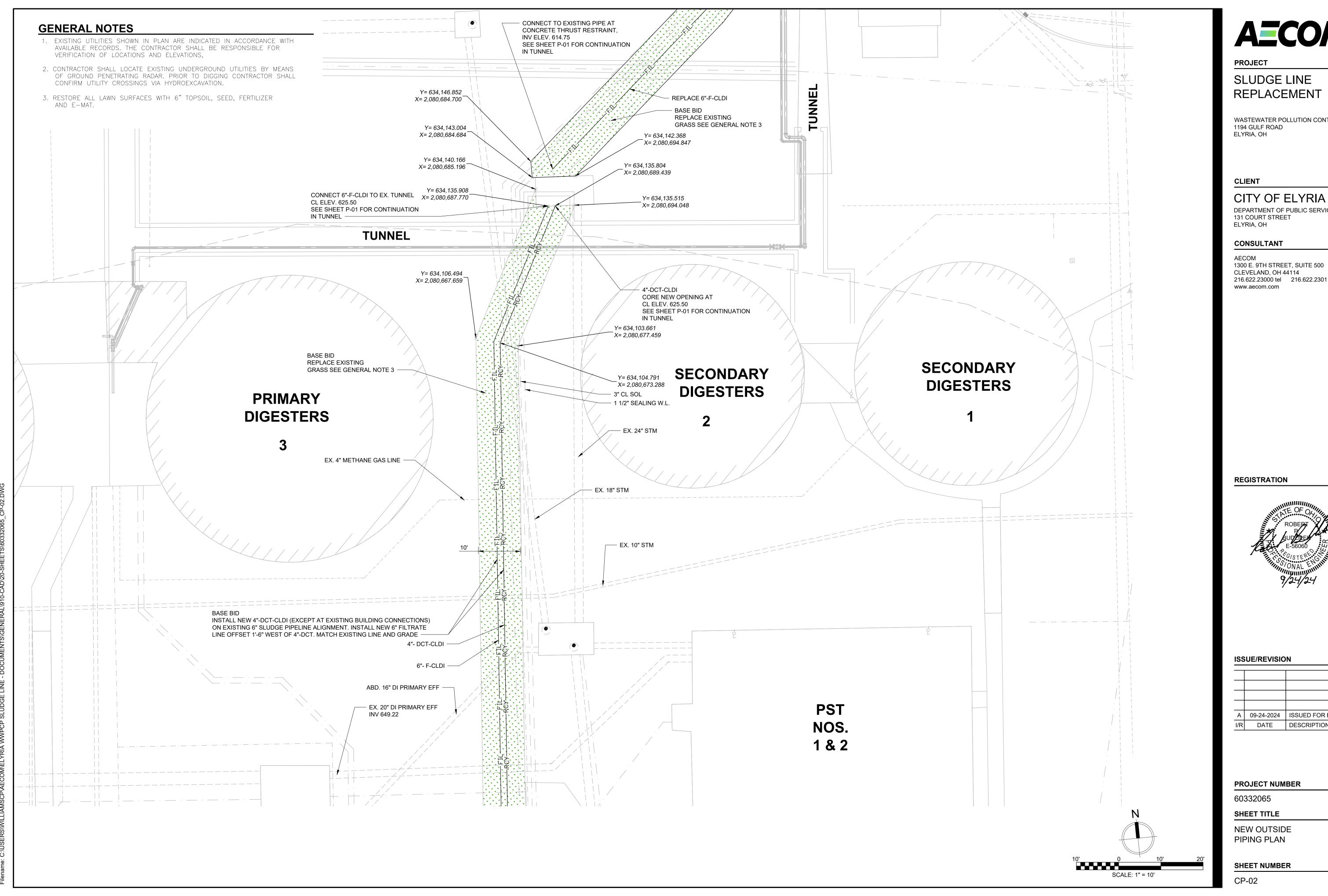
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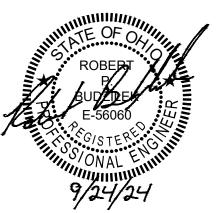


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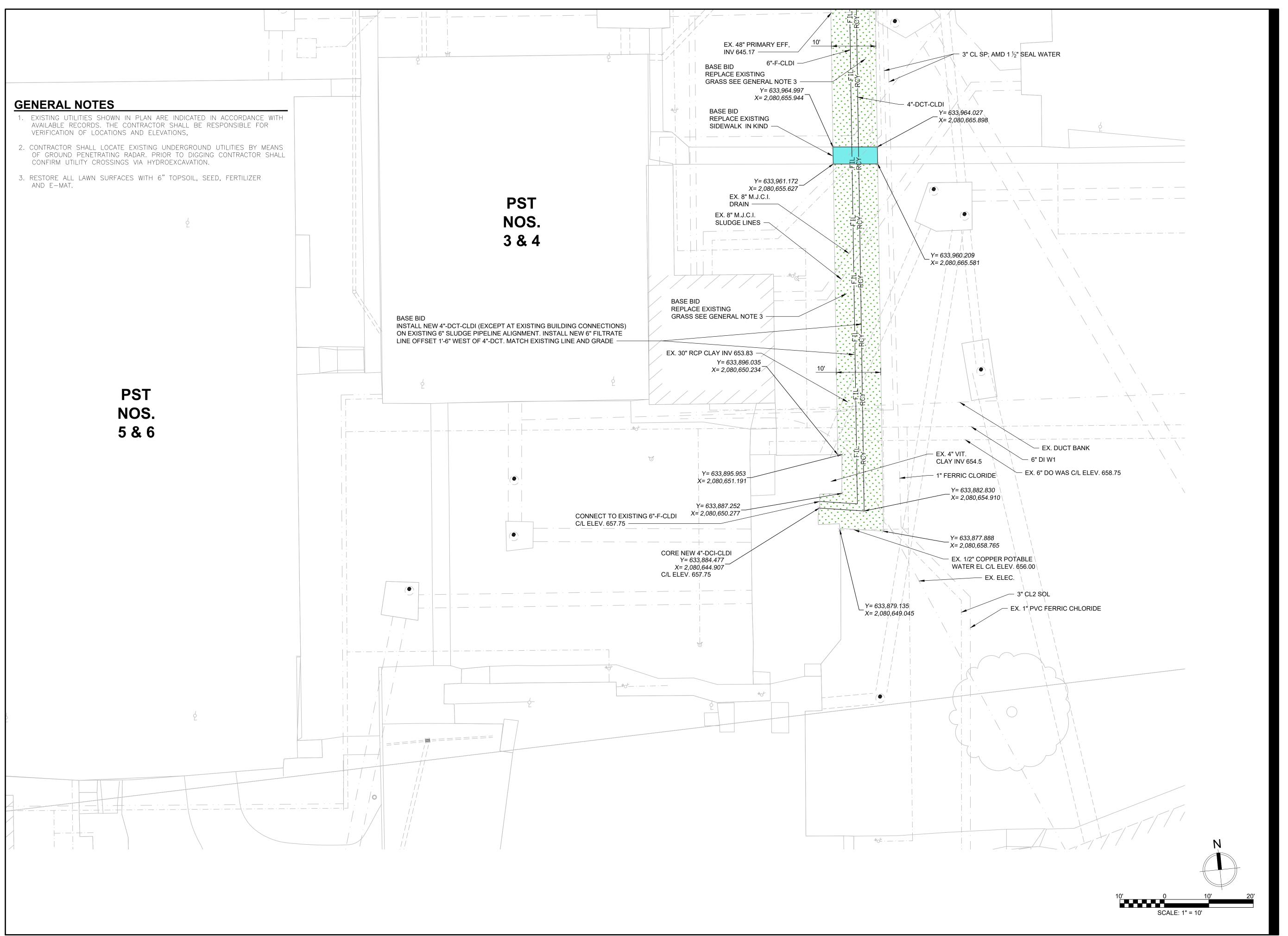
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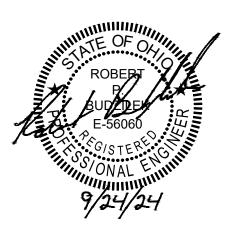
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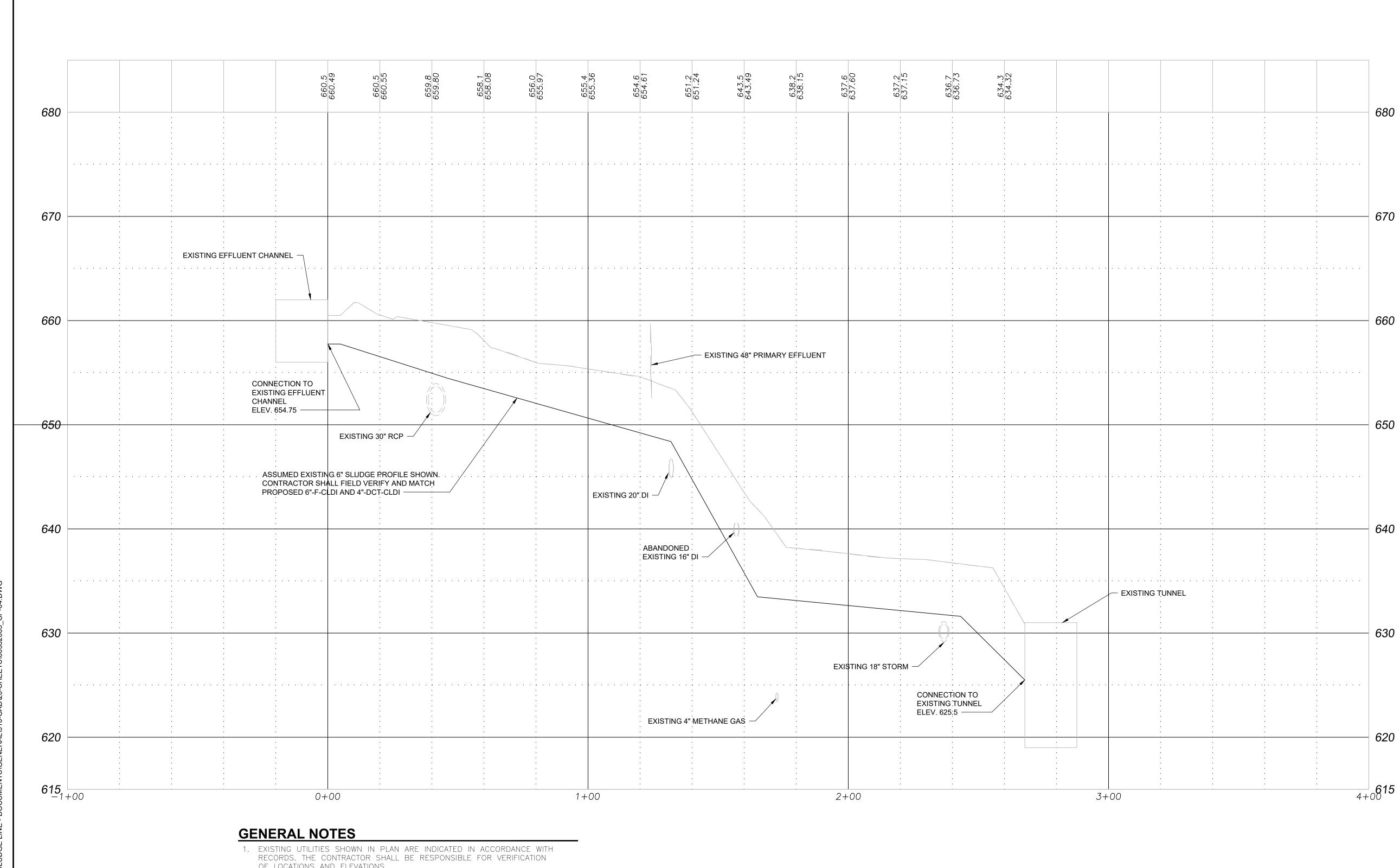
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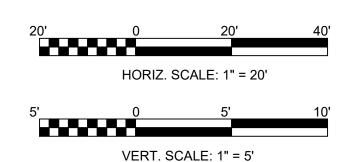
NEW OUTSIDE PIPING PLAN

SHEET NUMBER

CP-03



- OF LOCATIONS AND ELEVATIONS.
- 2. SEE DRAWING CP-01 TO CP-03 FOR APPROXIMATE LOCATION OF OTHER UNDERGROUND UTILITIES (NOT SHOWN HERE).





SLUDGE LINE REPLACEMENT

WASTEWATER POLLUTION CONTROL PLANT 1194 GULF ROAD ELYRIA, OH

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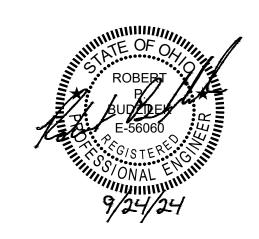
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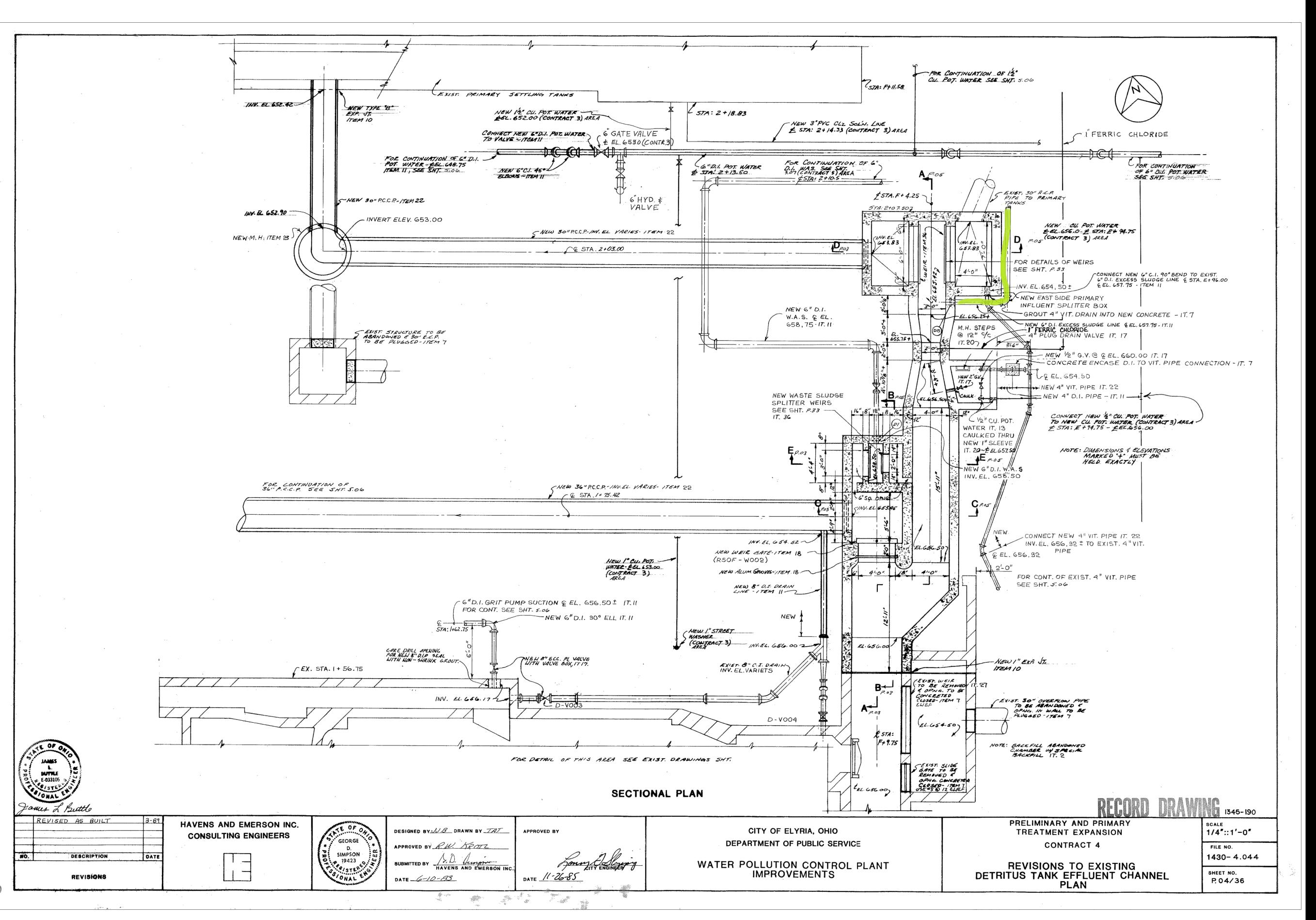
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SHEET TITLE

NEW OUTSIDE PIPING PROFILE

SHEET NUMBER

CP-04





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SLUDGE LINE REPLACEMENT

WASTEWATER POLLUTION CONTROL PLANT 1194 GULF ROAD ELYRIA, OH

CLIENT

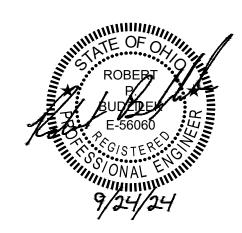
CITY OF ELYRIA

DEPARTMENT OF PUBLIC SERVICE 131 COURT STREET ELYRIA, OH

CONSULTANT

AECOM 1300 E. 9TH STREET, SUITE 500 CLEVELAND, OH 44114 216.622.23000 tel 216.622.2301 fax www.aecom.com

REGISTRATION



ISS	ISSUE/REVISION		
Α	09-24-2024	ISSUED FOR BID	
I/R	DATE	DESCRIPTION	

PROJECT NUMBER

60332065

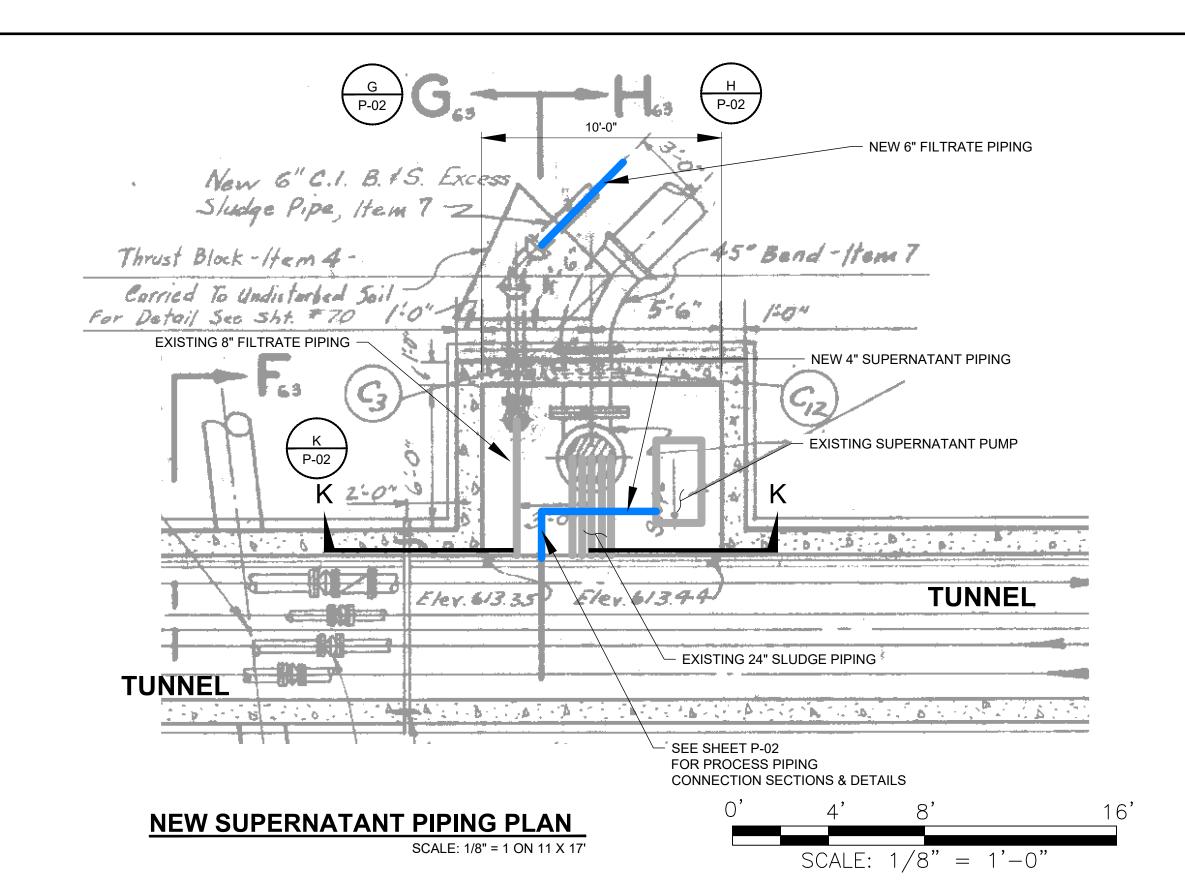
SHEET TITLE

REVISIONS TO EXISTING
DETRITUS TANK EFLUENT CHANNEL

SHEET NUMBER

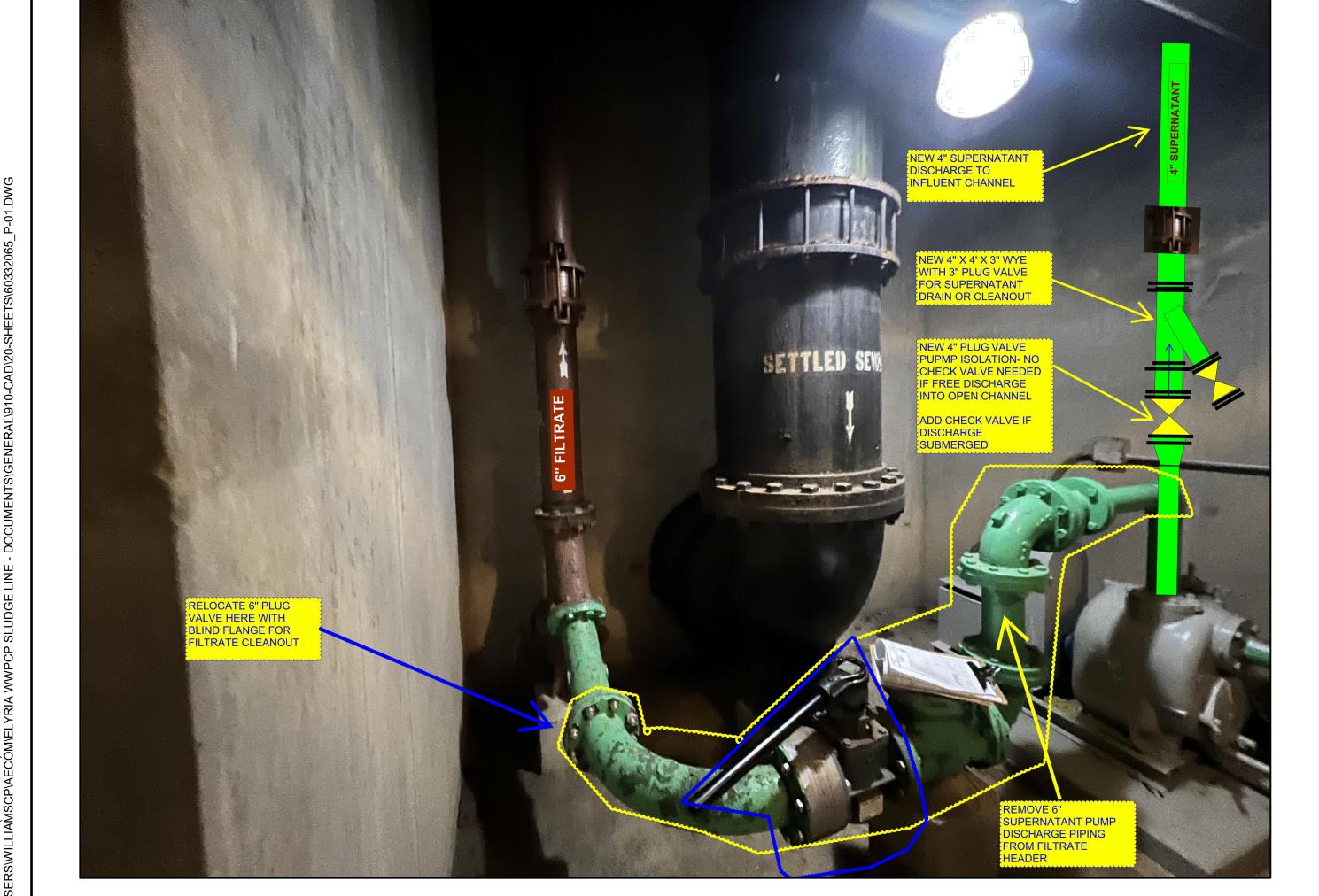
CP-05



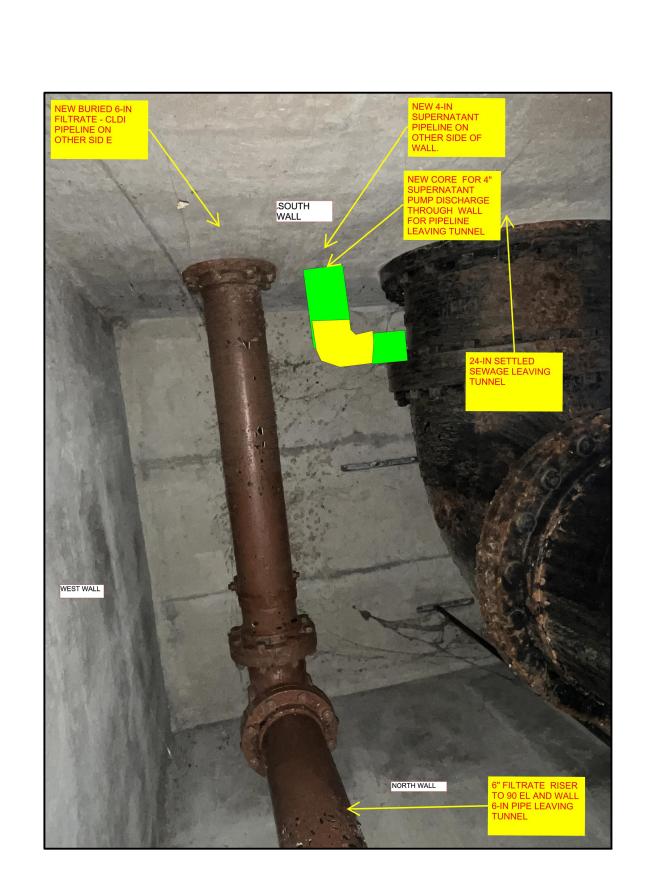


PROPOSED PIPING CONNECTION AT TUNNEL

TUNNEL



SUPERNATANT PIPING SEPARATION PLAN IN TUNNEL



SEE SHEET P-02

SEE SHEET P-02

- SEE SHEET CP-02 FOR CIVIL PIPING

CONNECTION DETAILS

FOR PROCESS PIPING

FOR PROCESS PIPING

CONNECTION SECTIONS & DETAILS

CONNECTION SECTIONS & DETAILS

TUNNEL

SUPERNATANT FILTRATE PIPING IN TUNNEL

AECOM

SLUDGE LINE REPLACEMENT

WASTEWATER POLLUTION CONTROL PLANT 1194 GULF ROAD ELYRIA, OH

CLIENT

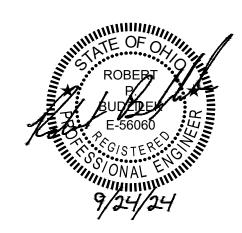
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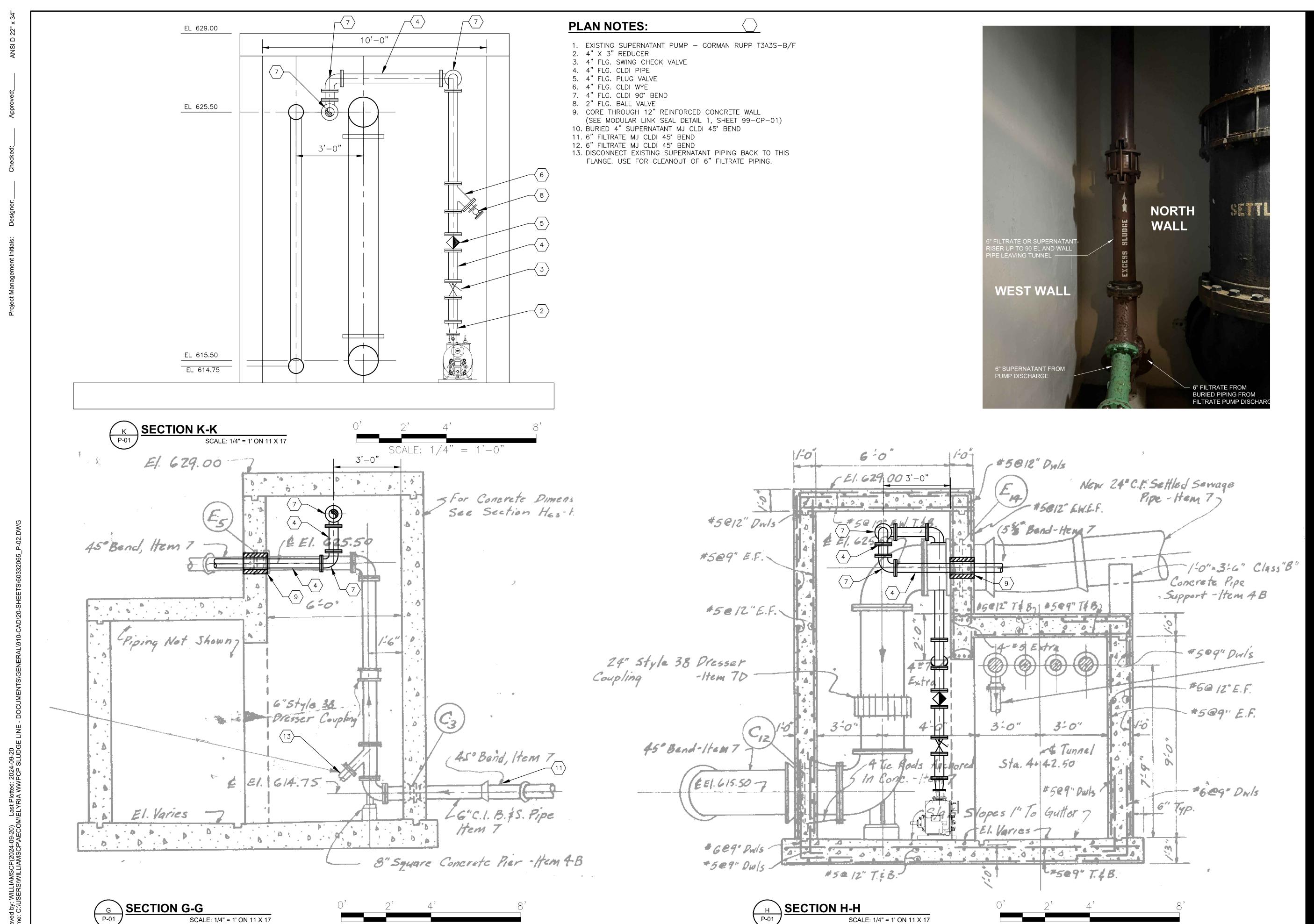
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PROCESS ENLARGED PIPING CONNECTION AT TUNNEL





PROJE

SLUDGE LINE REPLACEMENT

WASTEWATER POLLUTION CONTROL PLANT 1194 GULF ROAD ELYRIA, OH

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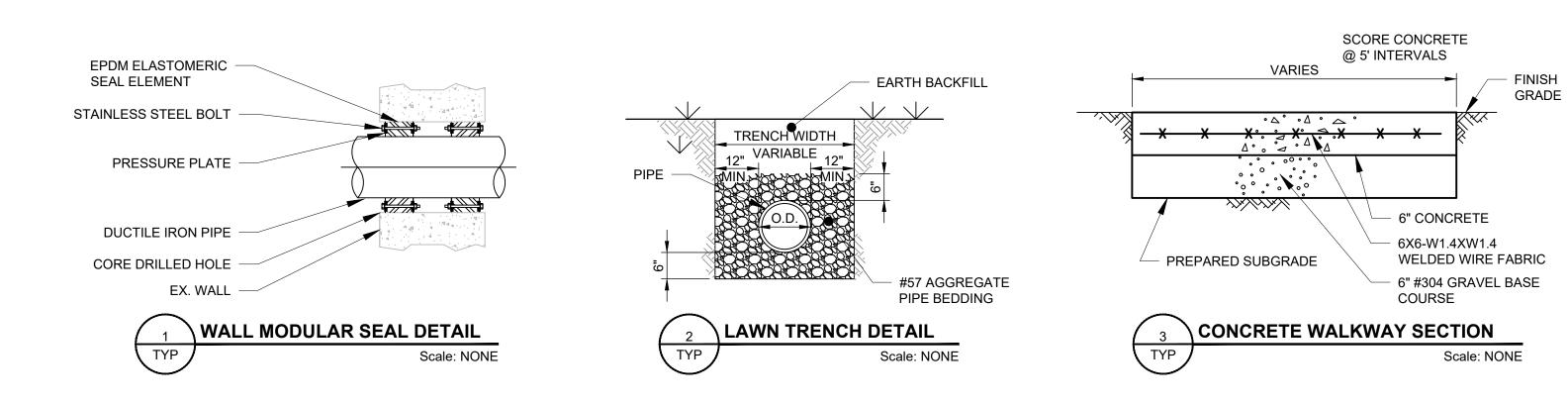
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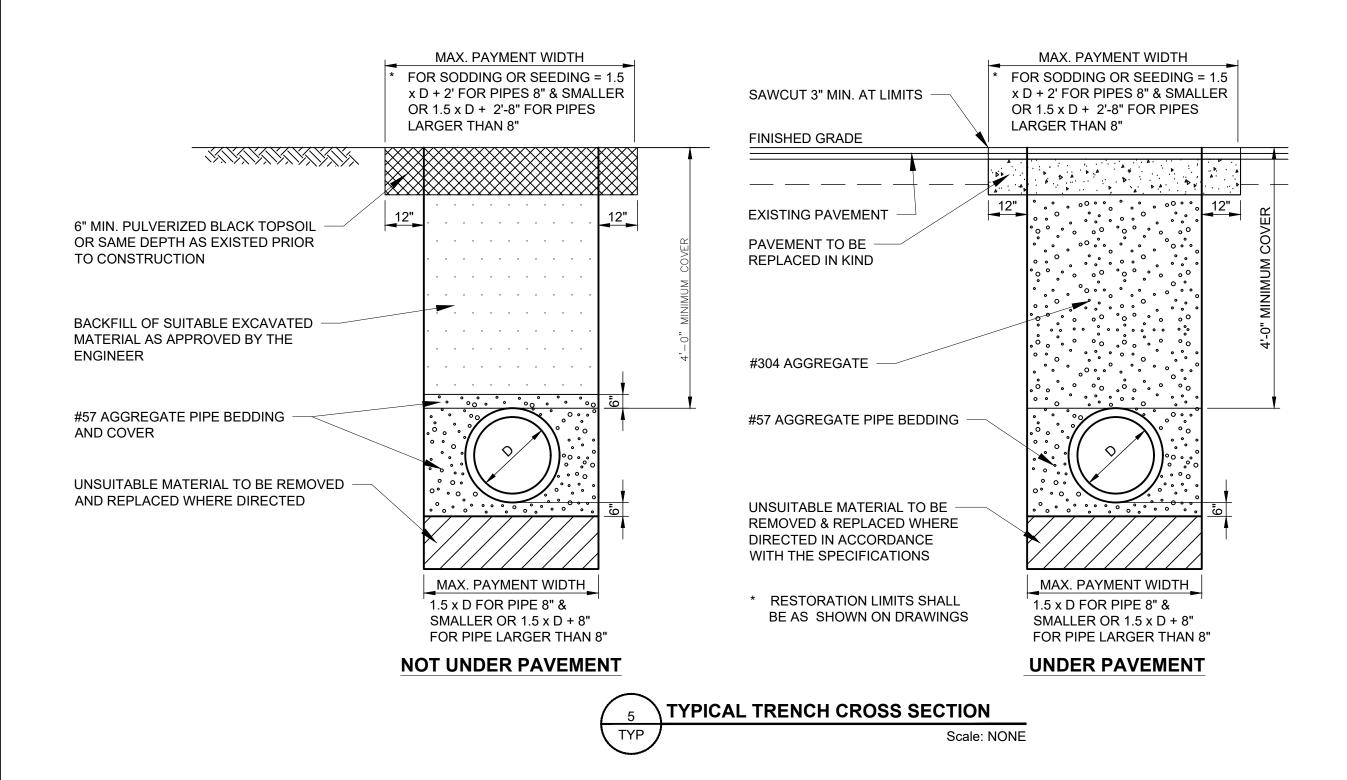
PROCESS
PROPOSED OVERALL ENLARGED
PIPING PLAN - NORTH

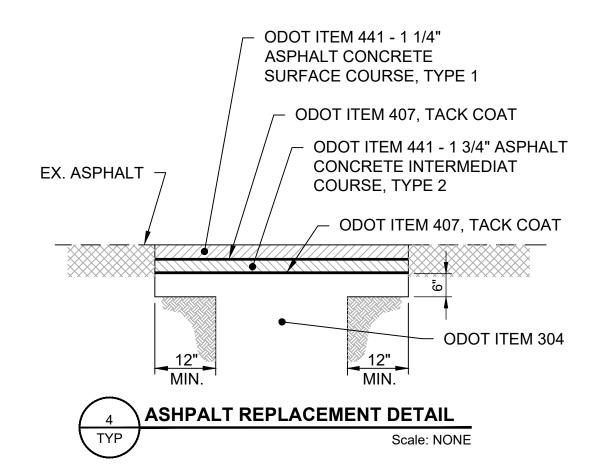
SHEET NUMBER

P-02

SCALE: 1/4" = 1'-0'









SLUDGE LINE REPLACEMENT

WASTEWATER POLLUTION CONTROL PLANT 1194 GULF ROAD ELYRIA, OH

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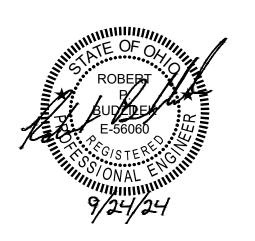
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SHEET TITLE

CIVIL AND PROCESS DETAILS

SHEET NUMBER

99-CP-01