

*ERIE COUNTY SEWER DISTRICTS NO. 1, 4 & 5
 NR OFFICE FUEL TANK REPLACEMENT
 3789 WALDEN AVE, TOWN OF LANCASTER
 CONTRACT NO. 97*

MARK C. POLONCARZ
 COUNTY EXECUTIVE

DANIEL CASTLE, AICP
 COMMISSIONER OF ENVIRONMENT & PLANNING

ECSD No. 1 BOARD OF MANAGERS

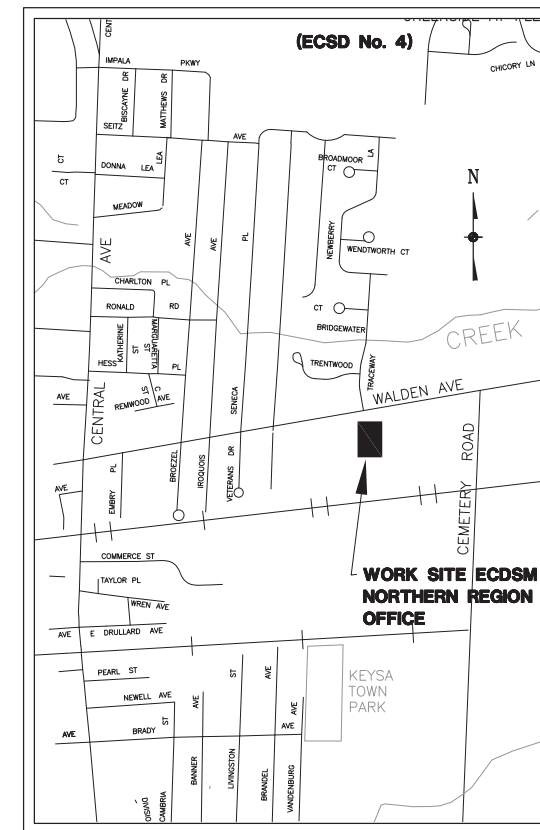
HON. BRIAN NOWAK
 MR. PATRICK T. BOWEN, P.E.
 HON. GARY DICKSON
 MS. SUSAN K. KIM
 MR. MATT SALAH, P.E. (SECRETARY)

ECSD No. 4 BOARD OF MANAGERS

HON. KEVIN PETERSON
 MR. EDWARD SCHILLER, P.E.
 MR. WILLIAM SCHUTT P.E.
 HON. ADAM DICKMAN
 MS. NADINE WETZEL, P.E. (SECRETARY)

ECSD No. 5 BOARD OF MANAGERS

MR. JONATHAN BLEUER
 MR. TIM LAVOCAT, P.E.
 MS. VAISHALI REBERHOLT, P.E.
 MR. JEFFREY BURROUGHS, P.E.
 MR. WILLIAM J LARDO (SECRETARY)



LOCATION MAP LANCASTER
 NO SCALE

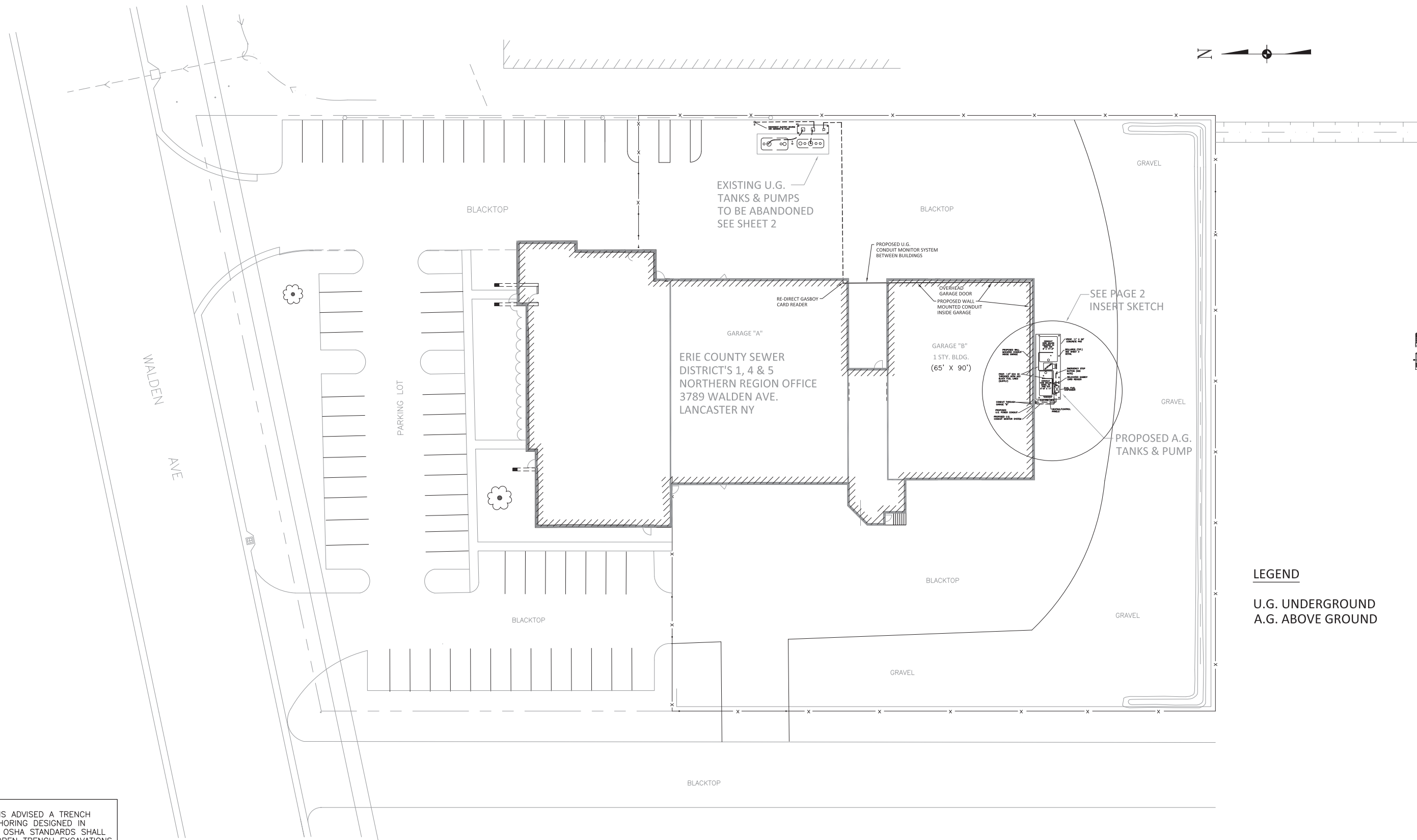


ALTERATION OF THIS DOCUMENT
 EXCEPT AS PROVIDED BY SECTION 1209
 IS A VIOLATION OF THE
 NEW YORK STATE EDUCATION LAW

SEPTEMBER 2024

ERIE COUNTY
 DEPARTMENT OF ENVIRONMENT AND PLANNING
 DIVISION OF SEWERAGE MANAGEMENT
 95 FRANKLIN ST. BUFFALO, N.Y. 14202

NR OFFICE FUEL TANK REPLACEMENT



LEGEND

U.G. UNDERGROUND
A.G. ABOVE GROUND

NOTE:
THE CONTRACTOR IS ADVISED A TRENCH SHIELD AND/OR SHORING DESIGNED IN ACCORDANCE WITH OSHA STANDARDS SHALL BE USED IN ALL OPEN TRENCH EXCAVATIONS.

PRINTED 9-16-2024

STANDARD NOTES:
1. SFR, SELECT FILL REQUIRED, TO BE NO. 2 CRUSHER RUN STONE
2. R IN PROFILE DENOTES RISER, FINAL LOCATION TO BE DETERMINED IN THE FIELD.
3. R' IN PLAN VIEW DENOTES TREE REMOVAL AND REPLACEMENT, 1 FOR 1 OR 2 FOR 1 ACCORDING TO SIZE OF TREE REMOVED.
4. R1' DENOTES TREE REMOVAL & REPLACEMENT 1 FOR 1 ONLY.
5. R2' DENOTES TREE REMOVAL WITH NO REPLACEMENT.
6. T' IN PLAN VIEW DENOTES TREE TUNNEL.
7. CONTRACTOR SHALL TIE DOWN PROPERTY IRONS PRIOR TO CONSTRUCTION AND ACCURATELY REPLACE THOSE DISTURBED.
8. ALL PIPE MUST BE SDR-35 P.V.C. UNLESS OTHERWISE NOTED.

STANDARD NOTES (CON'T):
9. CONSTRUCTION AND TESTING TO CONFORM TO ERIE COUNTY SEWER DISTRICT RULES & REGULATIONS
10. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS.
11. CONTRACTOR IS RESPONSIBLE FOR VERIFYING, LOCATING AND PROTECTION OF ALL UTILITIES INCLUDING UNDERGROUND UTILITIES AND STRUCTURES.
12. SEWER TESTING TO BE IN ACCORDANCE WITH E.C.S.D. CONSTRUCTION SPECIFICATIONS AND STANDARDS.
13. Ⓞ DENOTES SOIL BORE
14. W.T. DENOTES WATERTIGHT M.H. ASSEMBLY REQ(SPEC.01020)
15. PROPERTY LINES ARE FOR VISUAL PURPOSES ONLY

REVISIONS			
NO.	BY	DATE	DESCRIPTION
x	x	x	x

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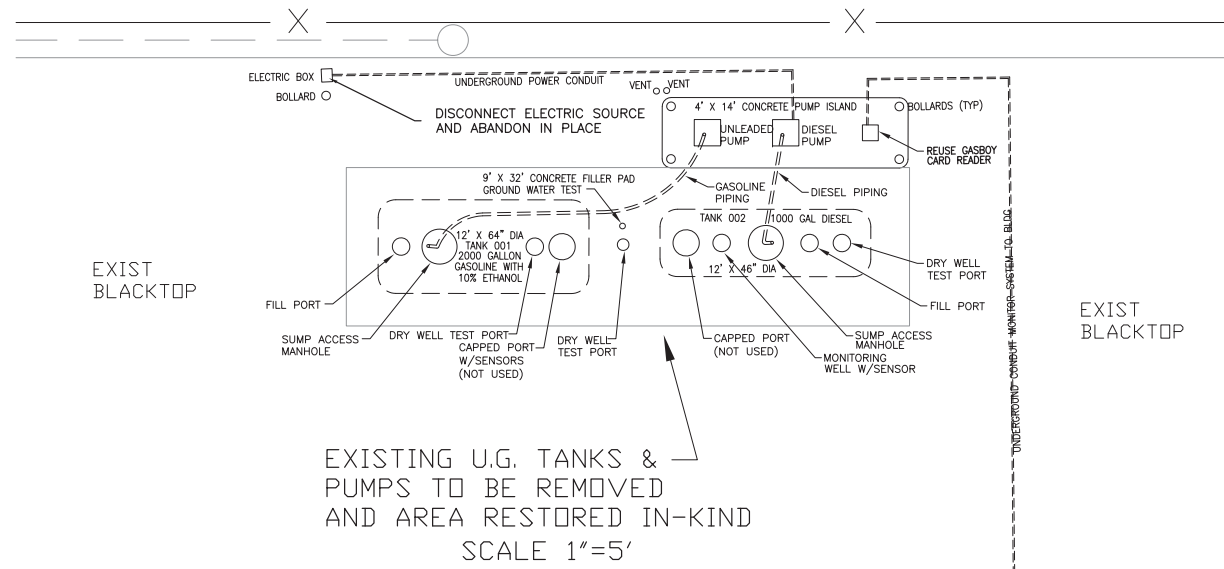
ERIE COUNTY
DEPT. OF ENVIRONMENT AND PLANNING
DIVISION OF SEWERAGE MANAGEMENT
95 FRANKLIN ST. BUFFALO, N.Y. 14202

DRAWN BY:
W.J.L.
CHECKED BY:
M.A.S.
DATE:
SEPT. 2024
SCALE:
1"=20'
FILE NAME:
NR Fuel Tanks

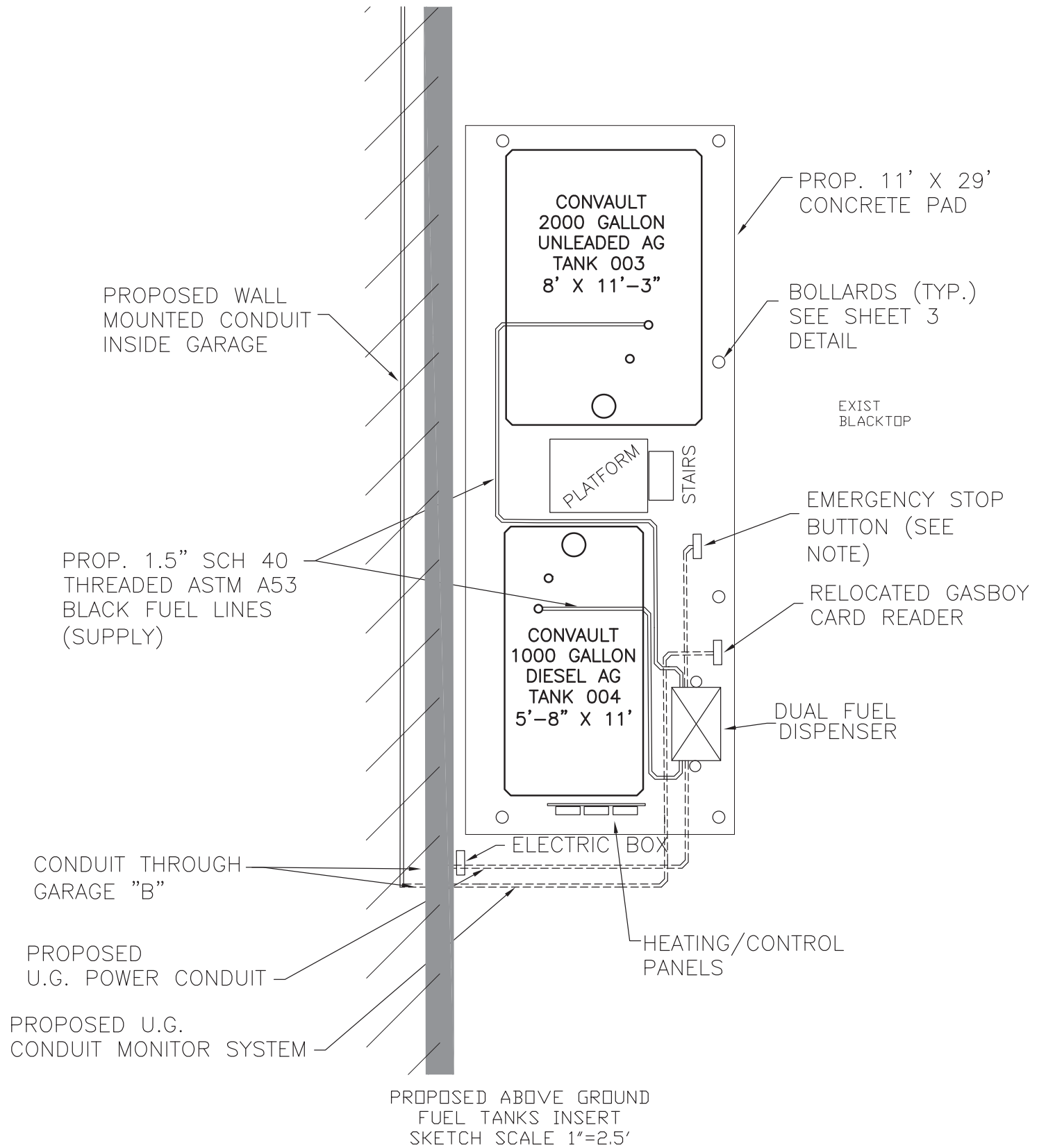
Erie County Sewer District's 1,4 & 5
Town of Lancaster
Contract 97
NR OFFICE FUEL
TANK REPLACEMENT

SHEET NO.
1
OF 3

NR OFFICE FUEL TANK REPLACEMENT



EXISTING U.G. TANKS & PUMPS TO BE REMOVED AND AREA RESTORED IN-KIND
SCALE 1"=5'



PROPOSED U.G. CONDUIT MONITOR SYSTEM

PROPOSED ABOVE GROUND FUEL TANKS INSERT SKETCH SCALE 1"=2.5'

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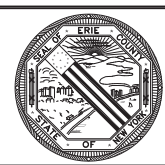
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14. 'W.T.' DENOTES WATERTIGHT M.H. ASSEMBLY REQ(SPEC.01020)
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REVISIONS				
NO.	BY	DATE	DESCRIPTION	
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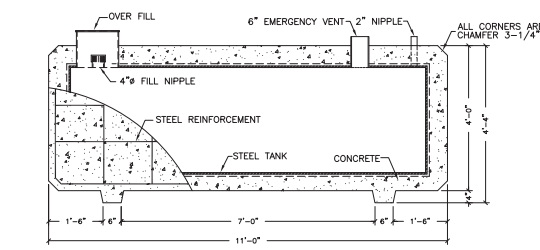
ERIE COUNTY
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95 FRANKLIN ST. BUFFALO, N.Y. 14202

DRAWN BY: W.J.L.
CHECKED BY: M.A.S.
DATE: SEPT. 2024
SCALE: AS SHOWN
FILE NAME: NR Fuel Tanks

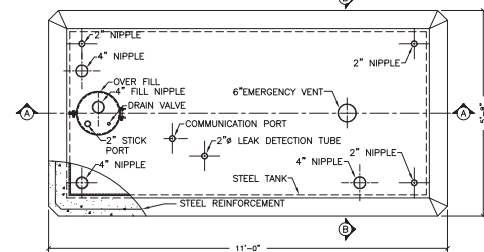
Erie County Sewer District's 1, 4 & 5
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NR OFFICE FUEL TANK REPLACEMENT

SHEET NO. 2 OF 3

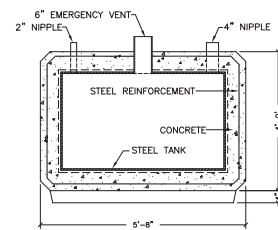
NR OFFICE FUEL TANK REPLACEMENT



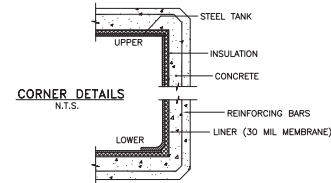
SECTION A-A



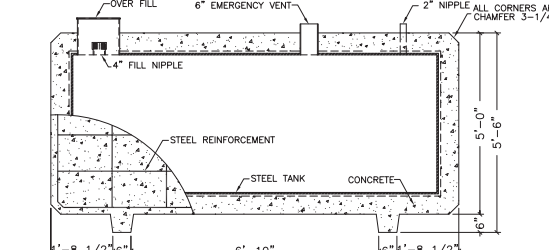
PLAN VIEW



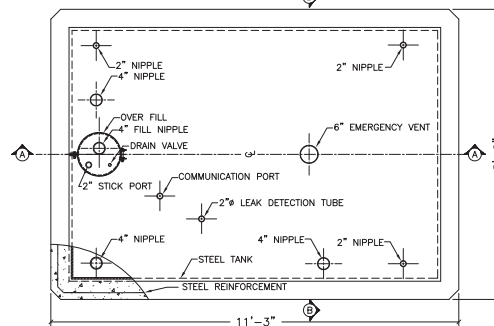
SECTION B-B



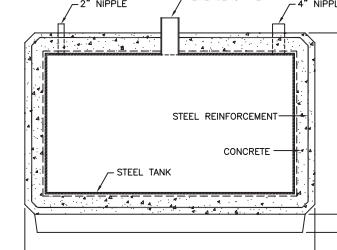
20 YEAR WARRANTY 30 YEAR WARRANTY
 7 GALLON U.L. LISTED OVERFILL CONTAINMENT (OPTIONAL)
 STANDARD TOP DESIGN SHOWN, OTHER DESIGNS AVAILABLE.
 TANK MUST BE SET ACCORDING TO CONVAULT INSTRUCTIONS
 IN ORDER TO ACTIVATE WARRANTY.
 PLANT LOCATION: TELFORD, PA WEIGHT: 18,000 LBS
 TANK SIZE: 1000-GALLON REVISION DATE: 12-05-11
 SCALE: 3/8"=1'-0"
 DRAWING NUMBER: 88153072
Core Engineered Solutions, Inc.
 620 Herndon Pkwy, Suite 120
 Herndon, VA 20170
 (703) 563-0320 (703) 563-0330 FAX
 www.core-es.com info@core-es.com



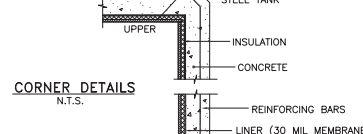
SECTION A-A



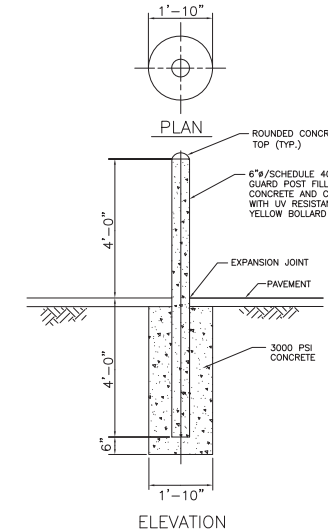
PLAN VIEW



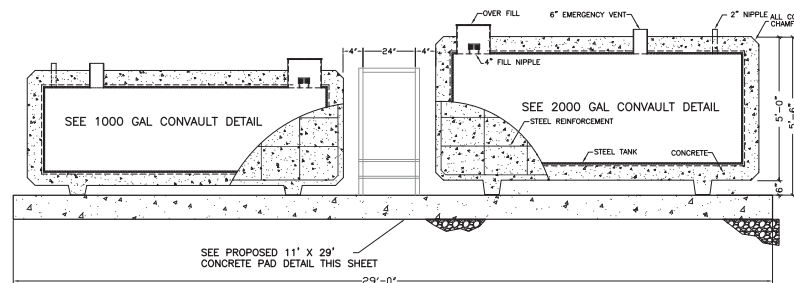
SECTION B-B



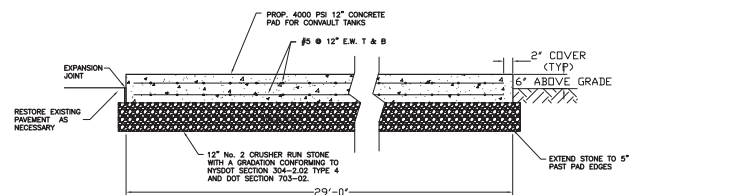
20 YEAR WARRANTY 30 YEAR WARRANTY
 7 GALLON U.L. LISTED OVERFILL CONTAINMENT (OPTIONAL)
 STANDARD TOP DESIGN SHOWN, OTHER DESIGNS AVAILABLE.
 TANK MUST BE SET ACCORDING TO CONVAULT INSTRUCTIONS
 IN ORDER TO ACTIVATE WARRANTY.
 PLANT LOCATION: TELFORD, PA WEIGHT: 30,000 LBS
 TANK SIZE: 2000-GALLON REVISION DATE: 12-05-11
 SCALE: 3/8"=1'-0"
 DRAWING NUMBER: 88153084
Core Engineered Solutions, Inc.
 620 Herndon Pkwy, Suite 120
 Herndon, VA 20170
 (703) 563-0320 (703) 563-0330 FAX
 www.core-es.com info@core-es.com



TYPICAL PIPE BOLLARD DETAIL N.T.S.

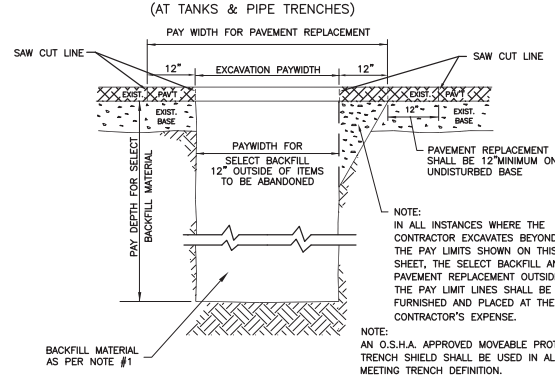


PROPOSED FUEL TANK SOUTH VIEW N.T.S.

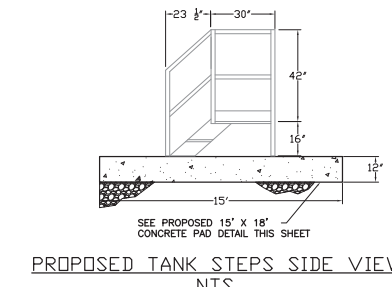


PROPOSED 11' X 29' X 12' CONCRETE PAD DETAIL N.T.S.

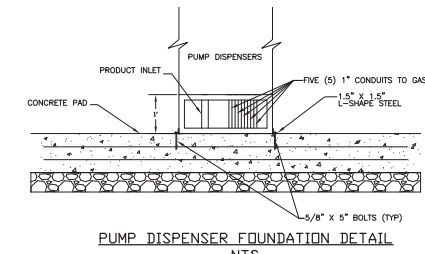
PAVEMENT REPLACEMENT DETAIL



PAVEMENT REPLACEMENT
 ALL ROADS AND DRIVEWAYS SHALL BE RECONSTRUCTED WITH A MIN. 3" COURSE OF BINDER AND A 1-1/2" TOP COURSE, APPLICABLE HIGHWAY PERMIT CONDITIONS SHALL GOVERN.
IMP. PAVT.
 1. IF CONSTRUCTION IS PERFORMED BETWEEN OCTOBER 1 AND APRIL 1, THE CONTRACTOR IS REQUIRED TO PROVIDE 4" OF COLD PATCH FOR ALL PAVEMENT CUTS.
 2. ALL OPEN CUTS WITHIN 50' OF AN INTERSECTION SHALL BE TOPPED WITH 4" OF COLD PATCH REGARDLESS OF THE TIME OF YEAR.
 3. ALL ROAD CUTS ON HEAVILY TRAVELED ROADWAYS WILL REQUIRE 4" OF COLD PATCH (GENERALLY STATE AND COUNTY HIGHWAYS)
 4. ALL TEMPORARY PAVEMENT PATCHES SHALL BE MAINTAINED BY THE CONTRACTOR.
SAW CUTS
 1. PAVEMENT CUTS BY THE CONTRACTOR WILL BE MADE WITH A SAW, PNEUMATIC SPADE OR OTHER ACCEPTED MEANS PRIOR TO EXCAVATION.
 2. FINAL PAVEMENT RESTORATION: THE CONTRACTOR WILL BE RESPONSIBLE TO SAW CUT AN ADDITIONAL 12" ON ALL SIDES OF THE DISTURBED EXCAVATION AREA, SO AS TO PROVIDE A UNIFORM STRAIGHT EDGE. THE CUT EDGE WILL THEN BE COATED WITH A BITUMINOUS SEAL COAT AND REPLACED IN THE MANNER DESCRIBED ABOVE.



PROPOSED TANK STEPS SIDE VIEW N.T.S.



PUMP DISPENSER FOUNDATION DETAIL N.T.S.

- NOTES:
- 1) COMPLETELY REMOVE UNDERGROUND TANKS AND ALL FEED LINES. BACKFILL ALL EXCAVATED AREAS WITH NO. 2 CRUSHED RUN STONE AND REPAVE PER DETAIL SHOWN. COMPACTION SHALL CONFORM TO SECTION 603-3.12 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION.
 - 2) CONTRACTOR SHALL TRANSPORT REMOVED TANKS, LINES, CONSTRUCTION DEBRIS, EXCESS EXCAVATED SOIL, ALL SOIL, ALL EXCESS WASTE, FUEL OIL, SLUDGE, RAGS, ETC. RESULTING FROM THIS PROJECT OFFSITE FOR FINAL DISPOSAL.
 - 3) ALL TANK CLOSURE AND REMOVAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL LAW PART 613 - HANDLING AND STORAGE OF PETROLEUM AND STIPART 613.9 - CLOSURE OF PERMANENT DUT OF SERVICE TANKS.
 - 4) SALVAGEABLE MATERIAL AND EQUIPMENT TO BE REUSED AND/OR RETURNED TO THE DISTRICT OFFICE ON-SITE AS NOTED ON DRAWINGS.
 - 5) PROVIDE AND MOUNT ON LARGER TANK A 18" X 30" STEEL SIGN STATING "IF AN EMERGENCY SHOULD OCCUR AT THIS FUELING STATION, CALL '911' OR ERIE COUNTY HAZARDOUS MATERIALS RESPONSE TEAM AT (716) 898-3696"
 - 6) PROVIDE NEW PROBES FOR THE DIESEL AND UNLEADED TANKS
 - 7) LOCATION OF EXISTING ELECTRIC LINES IS UNKNOWN. CONTRACTOR SHALL LOCATE, EXTEND, SPLICE OR WHAT EVER IS REQUIRED TO SERVICE THE NEW PUMPS, TANKS, GASBOY ETC.
 - 8) INSTALL TWO ABOVE GROUND TANKS AND GASBOY SYSTEM WITH A DUAL DISPENSER PUMP (DIESEL AND UNLEADED) AND ALL NECESSARY APPURTENANCES TO PROVIDE A FUNCTIONAL AND COMPLIANT SYSTEM.
 - 9) PUMP INSTALLATION SHALL BE IN ACCORDANCE WITH THE INSTRUCTION MANUAL INCLUDED IN THE SPECIFICATIONS.
 - 10) EXISTING GASBOY PANEL TO REMAIN AND BE USED WITH NEW PUMPS. EXISTING FUEL STATION POWER FEED WILL BE REDIRECTED TO INSTALL THE NEW STATION PUMP. CONTRACTOR IS RESPONSIBLE TO INSTALL NEW CONDUITS AND CONNECT TO EXISTING POWER FEED.
 - 11) INSTALL NEW PDST FOR EMERGENCY STOP BUTTON.
 - 12) FUEL DISPENSER SHALL BE THE STANDARD GASBOY ATLAS 9800K SERIES OR EQUAL.
 - 13) FUEL TANKS SHALL BE ABOVE GROUND CONVAULT TYPE.

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PRINTED 9-23-2024

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14. "N.T." DENOTES WATER TIGHT M.H. ASSEMBLY REQ.(SPEC.01020)
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REVISIONS			
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 Contract 97
NR OFFICE FUEL TANK REPLACEMENT

SHEET NO. 3 OF 3