



ONEIDA COUNTY DEPARTMENT OF PUBLIC WORKS

ORISKANY FUEL STORAGE DISPENSING FACILITIES

BID REFERENCE NUMBER: 2382

REBID

GENERAL CONSTRUCTION CONTRACT NUMBER: H2555801
ELECTRICAL CONSTRUCTION CONTRACT NUMBER: H2555802

5999 JUDD ROAD, TOWN OF WHITESTOWN
ONEIDA COUNTY, STATE OF NEW YORK



NYS CERTIFICATE # 0021642, 0020588, 0019903, 0019905, 0020336

DRAWING INDEX

SHEET NO.	SHEET TITLE
G001	COVER SHEET
G002	GENERAL NOTES AND LEGEND
G003	OVERALL SITE KEY PLAN
C100	DEMOLITION SITE PLAN
C200	GASOLINE FUELING STATION INSTALLATION SITE PLAN
C201	DIESEL FUELING STATION INSTALLATION SITE PLAN
C202	FUELING STATION SIGNAGE REQUIREMENTS
C501	FUELING STATION PLANS AND SECTION
C502	FUELING STATION DETAILS
C503	UST DETAIL AND SECTIONS
C504	EROSION AND SEDIMENT CONTROL DETAILS
E001	ELECTRICAL REFERENCE SHEET
E100	EXISTING FUELING STATION ELECTRICAL DEMOLITION PLAN
E200	GASOLINE FUELING STATION ELECTRICAL SITE PLAN
E201	DIESEL FUELING STATION ELECTRICAL SITE PLAN
E501	GASOLINE FUELING STATION ELECTRICAL ONE-LINE DIAGRAMS
E502	DIESEL FUELING STATION ELECTRICAL ONE-LINE DIAGRAMS
E503	ELECTRICAL DETAILS (SHEET 1 OF 2)
E504	ELECTRICAL DETAILS (SHEET 2 OF 2)



PROJECT LOCATION MAP

NOT TO SCALE

AUGUST 4, 2026
CONSTRUCTION DRAWINGS



JEFFREY J. REED, P.E. DATE SIGNED 07/28/2026
NEW YORK STATE PROFESSIONAL ENGINEERS LICENSE NO. 083980
EXPIRATION DATE: 05/31/2027

NYS CERTIFICATE OF AUTHORIZATION NO. 0021642

Sheet Number
G001
Project Number
197.064.001

GENERAL NOTES:

- PRIOR TO SITE DISTURBANCES, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED (REFER TO SHEET C504). ALL CATCH BASINS DOWN GRADIENT OF THE WORK AREA AND IN THE VICINITY OF TRUCK TRAFFIC SHALL BE PROTECTED AND SILT FENCE SHALL BE INSTALLED SURROUNDING ALL SOIL PILES STAGED ONSITE. PROTECTIONS TO BE MAINTAINED BY CONTRACTOR AND REMOVED AT PROJECT END. AREAS TO BE RESTORED TO PRE-CONSTRUCTION CONDITIONS
- THE CONTRACTOR SHALL ENSURE THAT THE OWNER'S DAILY OPERATIONS ARE NOT DISRUPTED WITHOUT OWNER'S WRITTEN CONSENT. CONTRACTOR SHALL PROVIDE BARRICADES AND TEMPORARY CHAIN-LINK CONSTRUCTION FENCE TO PROTECT OPEN EXCAVATIONS AND SHALL PROVIDE TRAFFIC CONTROLS AND SIGNAGE TO PROTECT THE WORK.
- ACTUAL LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES AND SERVICES ARE NOT KNOWN AND MUST BE FIELD VERIFIED. ALL EXCAVATION ACTIVITIES MUST EXERCISE CARE AND CAUTION WITH HAND EXCAVATION TO PROPERLY LOCATE AND AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND SERVICES. CALL BEFORE YOU DIG - UDIG NY 800-962-7962.
- ALL WORK SHALL COMPLY WITH NEW YORK STATE FIRE AND BUILDING CODE AND ITS REFERENCED STANDARDS.
- ALL INSTALLATIONS TO COMPLY WITH NEC REQUIRED WORKING CLEARANCES. CONTRACTOR TO FIELD VERIFY ALL LOCATIONS. CONSULT ENGINEER IF DISCREPANCIES ARISE.
- ALL LAYOUT, SIZING AND CONNECTIONS SHOWN ARE BASED ON SPECIFIED PRODUCTS AND MATERIALS. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH CHANGES DUE TO "OR EQUAL" EQUIPMENT.
- PROVIDE NEAT SAWCUTS FOR ALL WORK IN EXISTING ASPHALT AREAS.
- ALL EXCAVATIONS TO BE CONDUCTED IN ACCORDANCE WITH OSHA REGULATIONS AND THE SPECIFICATIONS. ALL EXCAVATIONS SHALL BE BACKFILLED PER SPECIFICATIONS.
- DEMOLITION AND REMOVAL SHALL BE IN ACCORDANCE WITH SECTION 024000, "DEMOLITION AND REMOVAL."

REMOVAL NOTES:

- THE CONTRACTOR SHALL COORDINATE TANK REMOVAL ACTIVITIES WITH THE ENGINEER.
- CONTRACTOR SHALL PERFORM ALL TANK CLOSURE AND REMOVAL OPERATIONS IN ACCORDANCE WITH APPLICABLE CODES, REGULATIONS, AND NYS DEC REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE AND INSTALL EXCAVATION PROTECTION/STABILIZATION DEVICES AS NECESSARY TO PROTECT EXISTING UTILITIES AND PERSONS AND TO MAINTAIN THE LIMITS OF DISTURBANCE.
- EACH PETROLEUM STORAGE TANK SHALL BE CLEANED, CLOSED AND REMOVED IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. THESE OPERATIONS SHALL INCLUDE (BUT ARE NOT LIMITED TO) THE FOLLOWING:
 - REMOVE REMAINING TANK FLUIDS;
 - INERT TANK ATMOSPHERE, ACCESS TANKS AND CLEAN TANK INTERIOR TO REMOVE ALL PETROLEUM RESIDUE AND SLUDGE FOR DISPOSAL SPECIFIED;
 - FLUSH AND CLEAN ALL PIPING. COMPLETELY EVACUATE CONTENTS;
 - DEMOLISH AND REMOVE THE TANKS AND ALL ACCESSORIES, INCLUDING VENT, FILL PORT, MONITORING WELL (IF APPLICABLE), ANCHORAGE SYSTEM AND HIGH LEVEL ALARM.
 - REMOVE THE TANKS AND PIPING AND PROPERLY DISPOSE AT THE APPROVED DISPOSAL FACILITY AS SPECIFIED;
 - CONTRACTOR SHALL PROVIDE THE ENGINEER ACCESS FOR COLLECTING SOIL SAMPLES FROM THE EXCAVATIONS;
 - BACKFILL EXCAVATIONS WITH GRANULAR BACKFILL COMPACTED TO 95% DENSITY AS SPECIFIED.
- WHERE EQUIPMENT IS INDICATED TO BE DEMOLISHED, DISCONNECT AND REMOVE ALL ASSOCIATED WIRING, CONDUIT, CONTROLS BACK TO SOURCE OF SUPPLY, AND REMOVE SUPPORTS THAT ARE NO LONGER REQUIRED (UNLESS OTHERWISE INDICATED).
- TANK REMOVAL SHALL BE CONDUCTED IN ACCORDANCE WITH SPECIFICATION SECTION 026500.20, "PETROLEUM BULK STORAGE TANK REMOVAL AND CLOSURE."
- PETROLEUM CONTAMINATED SOILS, FLUIDS, AND GROUND WATER, IF ENCOUNTERED, SHALL BE HANDLED IN ACCORDANCE WITH SECTION 026500.20, "PETROLEUM BULK STORAGE TANK REMOVAL AND CLOSURE." COORDINATE SOIL STAGING AREA LOCATION WITH OWNER.
- CONTRACTOR TO PROTECT EXISTING UTILITIES ADJACENT TO WORK AREA.
- CONTRACTOR SHALL SUBMIT TANK CLOSURE PRE-NOTIFICATION FORMS TO NYSDEC AS REQUIRED BY REGULATION.
- THE CLOSURE PLANS ARE SCHEMATIC IN NATURE AND ARE BASED ON CURSORY FIELD OBSERVATIONS. IT IS NOT THE INTENTION OF THE DRAWINGS TO INDICATE EVERY DEVICE/FIXTURE REQUIRING REMOVAL/DEMO RATHER GENERAL SYSTEMS WHICH ARE TO BE REMOVED.

TANK CLOSURE AND REMOVAL: ESTIMATED PETROLEUM CONTAMINATED MATERIALS	
MATERIAL	BID QUANTITY
PETROLEUM CONTAMINATED SOILS	100 TONS
PETROLEUM CONTAMINATED FLUIDS	1,500 GALS

ELECTRICAL DEMOLITION NOTES:

- COORDINATE ELECTRICAL DEMOLITION WITH OWNER.
- REMOVE ALL WIRE AND EXPOSED CONDUIT BACK TO SOURCE (UNLESS OTHERWISE INDICATED).
- CIRCUIT BREAKERS TO REMAIN AS SPARES FOR FUTURE USE. UPDATE PANEL DIRECTORY TO REFLECT CHANGES WITHIN SOURCE PANELBOARD.
- REMOVE ALL ASSOCIATED CONTROL WIRING AND DEVICES (UNLESS OTHERWISE INDICATED).
- CIRCUITS NOT IN AREA OF WORK THAT ARE AFFECTED BY WORK SHALL BE OPERATIONAL DURING PROJECT. PROVIDE TEMPORARY CIRCUITS AS NECESSARY.
- CONTRACTOR SHALL FIELD VERIFY THAT REMOVAL OF CIRCUITS SHALL NOT AFFECT INTEGRITY OF CIRCUITS TO REMAIN. ALL CIRCUITS TO REMAIN SHALL BE MAINTAINED. PROVIDE NECESSARY CIRCUIT MODIFICATIONS AND EXTENSIONS INCLUDING JUNCTION BOXES TO MAINTAIN EXISTING CIRCUITS. MODIFICATIONS AND EXTENSIONS OF CIRCUITS SHALL NOT INTERFERE WITH EXISTING EQUIPMENT OR WITH EQUIPMENT TO BE INSTALLED.
- ALL ELECTRICAL MODIFICATIONS TO BE MADE ELECTRICALLY SAFE.
- ELECTRICAL DEMOLITION SHOWN IS SCHEMATIC IN NATURE AND ARE BASED ON CURSORY FIELD OBSERVATION. IT IS NOT THE INTENTION OF THESE DRAWINGS TO INDICATE EVERY DEVICE/FIXTURE REQUIRING REMOVAL/DEMO RATHER GENERAL SYSTEMS WHICH ARE TO BE REMOVED.

RESTORATION NOTES:

- CONTRACTOR SHALL RESTORE DISTURBED AREAS IN-KIND TO MATCH EXISTING, UNLESS OTHERWISE INDICATED.

CONCRETE NOTES:

- DESIGN STRENGTH:
STRUCTURAL CONCRETE AND SLAB ON GRADE - 5,000 PSI @ 28 DAYS
POST FILL AND EMBEDMENT - 3,000 PSI @ 28 DAYS
- STANDARDS:
DESIGN ACI 318 - LATEST EDITION
DETAILS ACI 315 - LATEST EDITION
- REINFORCING:
MESH - ASTM A-1064 (FLAT SHEETS)
BARS - ASTM A-615 GRADE 60
- ALL BARS SHALL BE EPOXY COATED PER ASTM A775.
- AIR CONTENT:
ALL SLAB ON GRADE AND EXTERIOR CONCRETE SHALL BE AIR ENTRAINED IN ACCORDANCE WITH SPECIFICATION SECTION 033000.
- CONCRETE COVER OVER BARS:
CONCRETE DEPOSITED ON GROUND - 3"
FORMED CONCRETE EXPOSED TO GROUND, WEATHER OR WATER - 2"
- SPLICES IN REINFORCEMENT:
UNLESS OTHERWISE NOTED, ALL SPLICES AND ANCHORAGES SHALL BE MINIMUM 40 BAR DIAMETERS, BUT NOT LESS THAN 18 INCHES. STAGGER SPLICES WHEREVER POSSIBLE AND LOCATE SO AS NOT TO IMPAIR STRENGTH OR MEMBERS.
- ALL EXPOSED EDGES OF CONCRETE SHALL HAVE A 3/4" CHAMFER
- THE CONTRACTOR SHALL NOT PLACE ANY CONCRETE PRIOR TO INSPECTION OF THE REINFORCING STEEL BY THE ENGINEER/OWNER.
- EACH TANK TOP SLAB SHALL BE PLACED IN ONE CONTINUOUS POUR UNLESS OTHERWISE NOTED.
- INSERTS AND SLEEVES TO BE INSTALLED IN ACCORDANCE WITH SECTION 033000.
- ALL FIELD-CUT, SCRATCHED, OR DAMAGED BAR SHALL BE COATED WITH TWO-PART EPOXY CONFORMING WITH ASTM 775.

INSTALLATION NOTES:

- REFERENCE SHEET C202 FOR SIGNAGE INSTALLATION REQUIREMENTS AND SECTION 231323, "FUEL STORAGE AND DISPENSING SYSTEMS" FOR FUEL MANAGEMENT AND TANK MONITORING SYSTEM TRAINING REQUIREMENTS.
- TANK SHALL BE INSTALLED IN CONFORMANCE WITH THE APPROVED MANUFACTURER'S INSTALLATION INSTRUCTIONS. DEADMAN ANCHORS, HOLD DOWN STRAPS, AND ANCHORAGE SYSTEM SHALL BE SIZED BY THE TANK MANUFACTURER FOR ENGINEER REVIEW.
- DIPSTICK SHALL BE PROVIDED FOR EACH TANK SHOWN TO MEASURE REMAINING CAPACITY OF TANKS BEFORE EACH BULK TRANSFER EVENT. DIPSTICK SHALL BE COMPATIBLE WITH TANKS.
- TANK SHALL BE TESTED FOR TIGHTNESS IN ACCORDANCE WITH APPROVED MANUFACTURER'S INSTALLATION INSTRUCTIONS. CONTRACTOR SHALL NOTIFY ENGINEER/OWNER AT LEAST 2 DAYS PRIOR TO SCHEDULED TESTING.
- INSTALLED PIPING AND SUMPS SHALL BE LEAK TESTED PRIOR TO SYSTEM START-UP. CONTRACTOR SHALL NOTIFY ENGINEER/OWNER AT LEAST 2 DAYS PRIOR TO SCHEDULED TESTING.

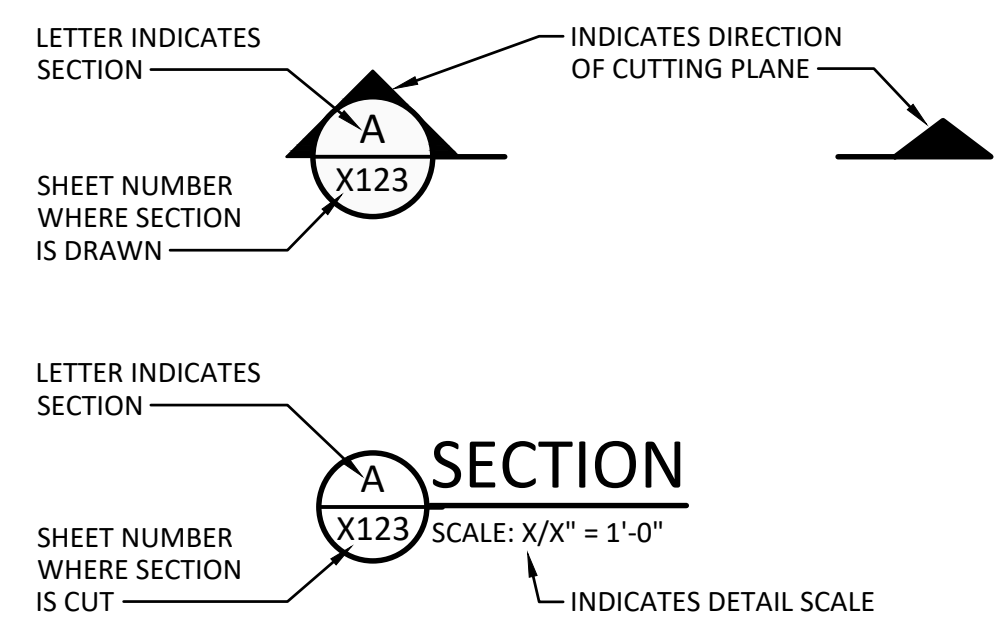
COATING SCHEDULE:

- ALL EXPOSED STEEL SHALL BE GALVANIZED OR PAINTED, COLORS SHALL BE AS FOLLOWS:
 - BOLLARDS: GALVANIZED STEEL WITH HDPE BOLLARD SLEEVE SAFETY YELLOW
 - CANOPY COLUMNS: WHITE
 - GASOLINE PIPING (IN SUMPS) AND APPURTANCES: WHITE
 - DIESEL FUELING PIPING (IN SUMPS) AND APPURTANCES: YELLOW
 - STEEL PLATES AND COVERS: TO MATCH SURROUNDING OBJECTS
 - MISCELLANEOUS ITEMS: TO MATCH SURROUNDING OBJECTS

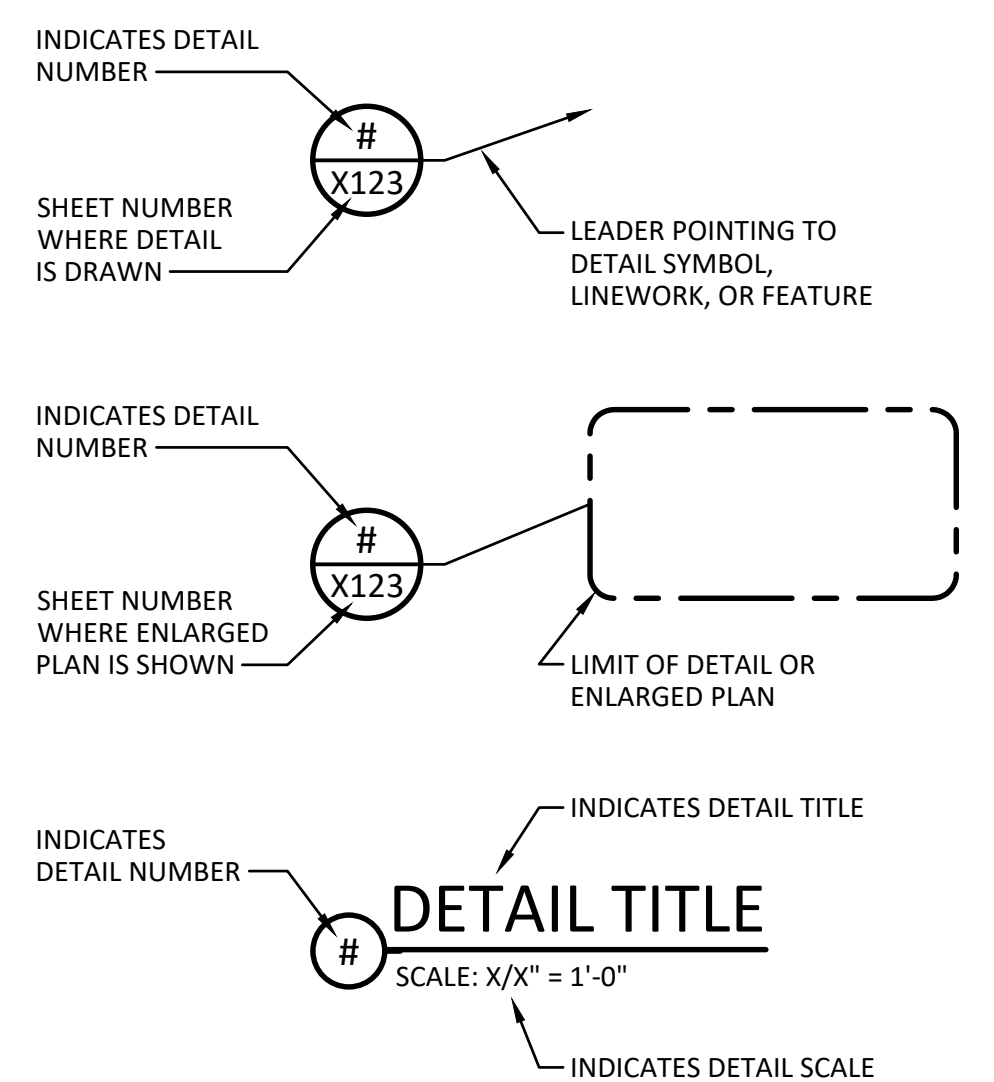
STRUCTURAL STEEL:

- ALL STRUCTURAL STEEL MEMBERS AND CONNECTIONS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE CURRENT EDITION OF "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC).
- MATERIALS FOR STRUCTURAL MEMBERS SHALL CONFORM WITH THE ASTM DESIGNATIONS AS FOLLOWS:
 - W-SHAPES: ASTM A992, GRADE 50
 - HSS SHAPES: ASTM A500, GRADE B
 - CHANNELS, TEES, & ANGLES, & PLATES: ASTM A36
- ALL FABRICATIONS SHALL CONSIST OF FULLY WELDED CONNECTIONS, UNLESS INDICATED OTHERWISE. ALL FIELD CONNECTIONS SHALL BE BOLTED.
- ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS) "2010 STRUCTURAL WELDING CODE - STEEL".
 - FILLER METAL: AWS 5.1 OR 5.5
 - WELDING ELECTRODES: E70XX SMAW
 - ALL FIELD WELDS SHALL BE CLEANED, AND PRIMED AND TOP COATED WITH PAINT TO PREVENT FROM RUSTING.
- MATERIALS FOR FASTENERS SHALL CONFORM WITH THE ASTM AND ANSI DESIGNATIONS AS FOLLOWS:
 - STRUCTURAL BOLTS: ASTM A325N
 - STRUCTURAL NUTS: ASTM A563
 - STEEL WASHERS: ASTM A193, GRADE B8M (STAINLESS STEEL)
 - STEEL WASHERS: ASTM A436
 - STEEL WASHERS: ASTM A193, GRADE B8M (STAINLESS STEEL)
 - ANCHOR BOLTS (RODS): ASTM F1554 (HOT-DIP GALVANIZED)
 - ANCHOR BOLTS (RODS): ASTM A193, GRADE B8M, CLASS 2 (STAINLESS STEEL)
- ALL STEEL COMPONENTS AND FASTENERS SHALL BE HOT-DIP GALVANIZED, UNLESS INDICATED TO BE PAINTED.

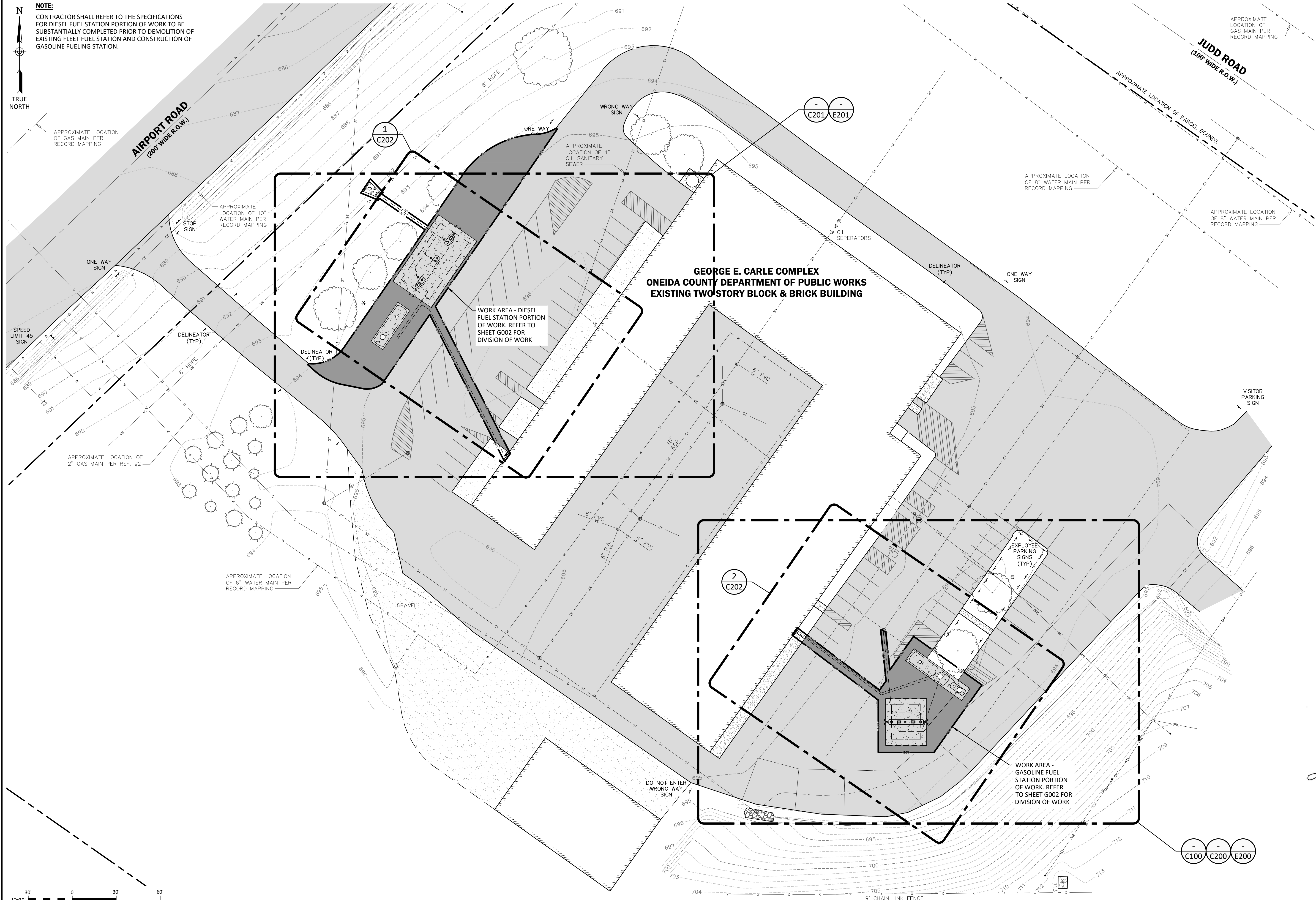
SECTION LEGEND:



DETAIL & ENLARGED VIEW LEGEND:



Plotted: Jul 28, 2026 - 11:21AM
Z:\BL-Vault\02\8217AD2-1071-4823-8927-9905C054147\0 3123000-3123999 31237553\1\197064 6003 Overall Site Plan (D 31237553).dwg
Checked by _____ Drawn by _____ Designed by _____ In charge of _____
WBG LKL JJR



IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS	

ONEIDA COUNTY
DEPARTMENT OF PUBLIC WORKS
ORISKANY FUEL STORAGE DISPENSING FACILITIES
OVERALL SITE KEY PLAN

TOWN OF WHITESTOWN
ONEIDA COUNTY, NEW YORK

Barton & Loguidice
443 Electronics Parkway
Liverpool, NY 13088
NYS CERTIFICATE # 0021642, 0020588, 0019903, 0019905, 0020336

B&L

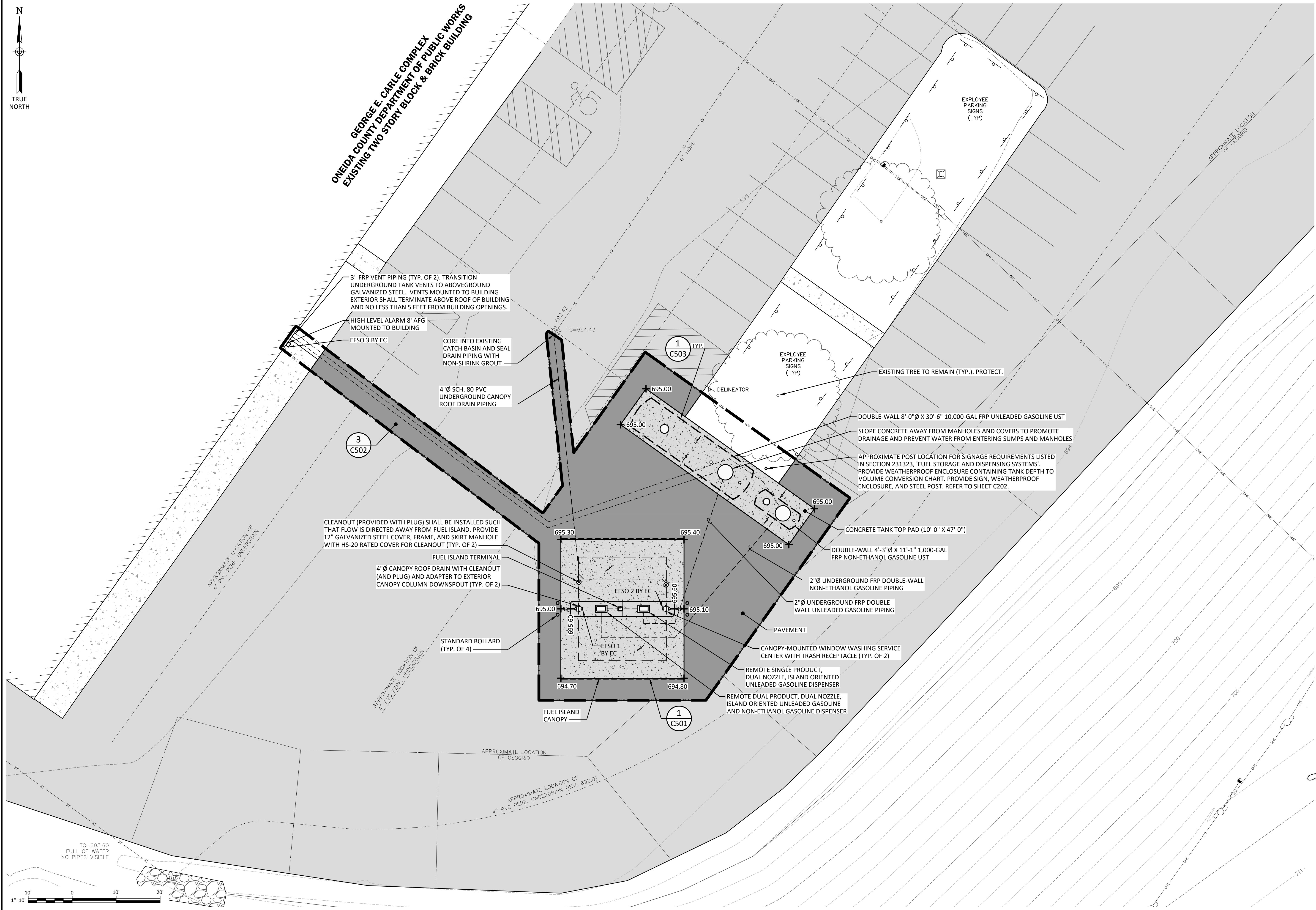
STATE OF NEW YORK
JOSEPH J. REED
REGISTERED PROFESSIONAL ENGINEER
NO. 083980

NYS EXP.: 05/31/2027
Date
AUGUST 4, 2026
Scale
1" = 30'
Sheet Number
G003
Project Number
197.064.001

Plotted: Jul 28, 2026 - 11:21AM By: WBG
Z:\BL-Vault\02\18217AD2-1C71-4823-8927-99D5C6054147\0 3124000-3124989 3124058\1\197064 C200 Gasoline Fueling Station Instal Plan (ID 3124058).dwg

Checked by _____ Drawn by _____ Designed by _____ In charge of _____

WBG LKL UJR



IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS

NO.	DESCRIPTION	DATE

ONEIDA COUNTY
DEPARTMENT OF PUBLIC WORKS
ORISKANY FUEL STORAGE DISPENSING FACILITIES

**GASOLINE FUELING STATION
INSTALLATION SITE PLAN**

ONEIDA COUNTY, NEW YORK
TOWN OF WHITESTOWN

Barton & Loguidice
443 Electronics Parkway
Liverpool, NY 13088

NYS CERTIFICATE #
0021642, 0020288, 0019903,
0019905, 0020336

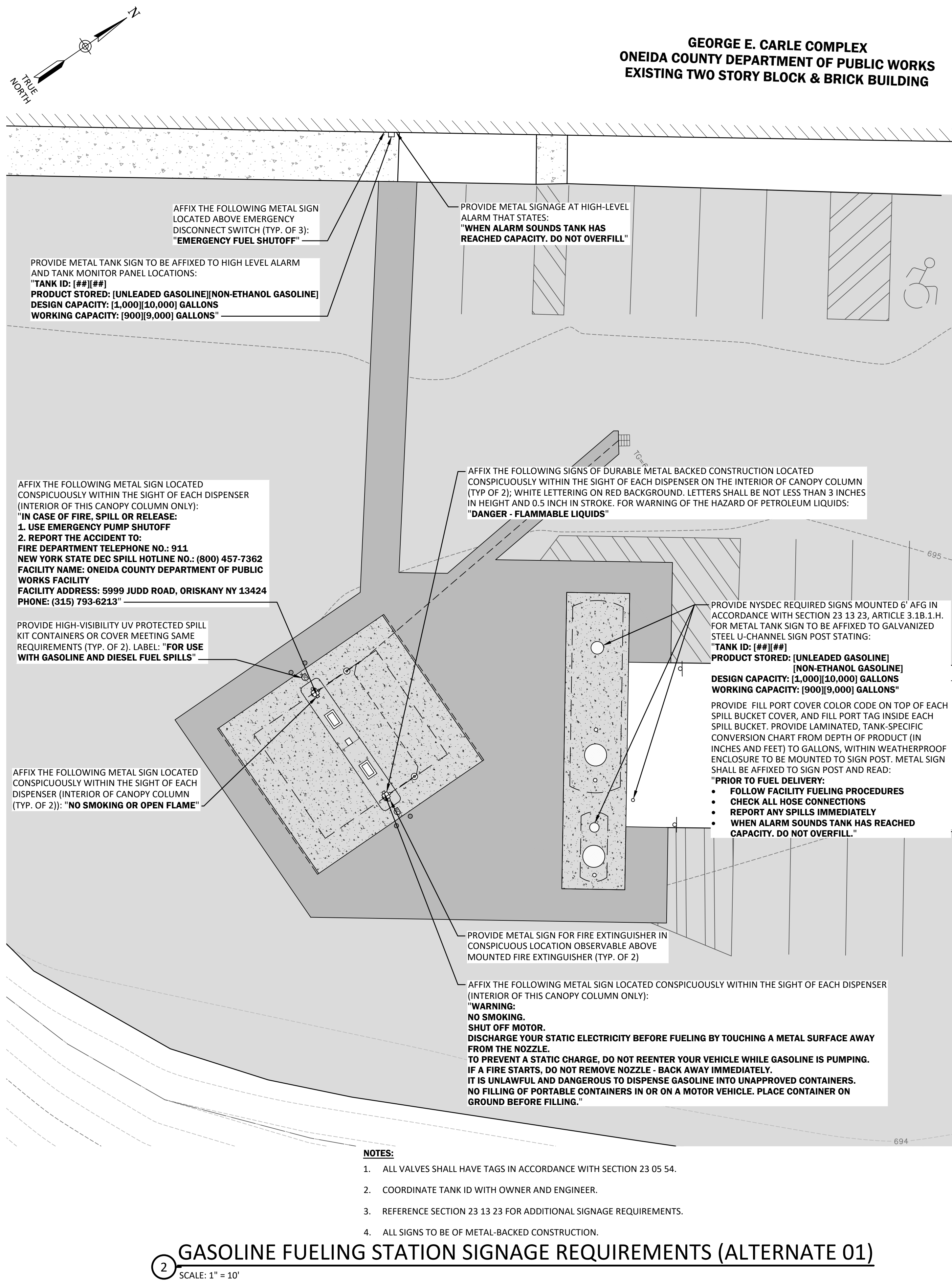
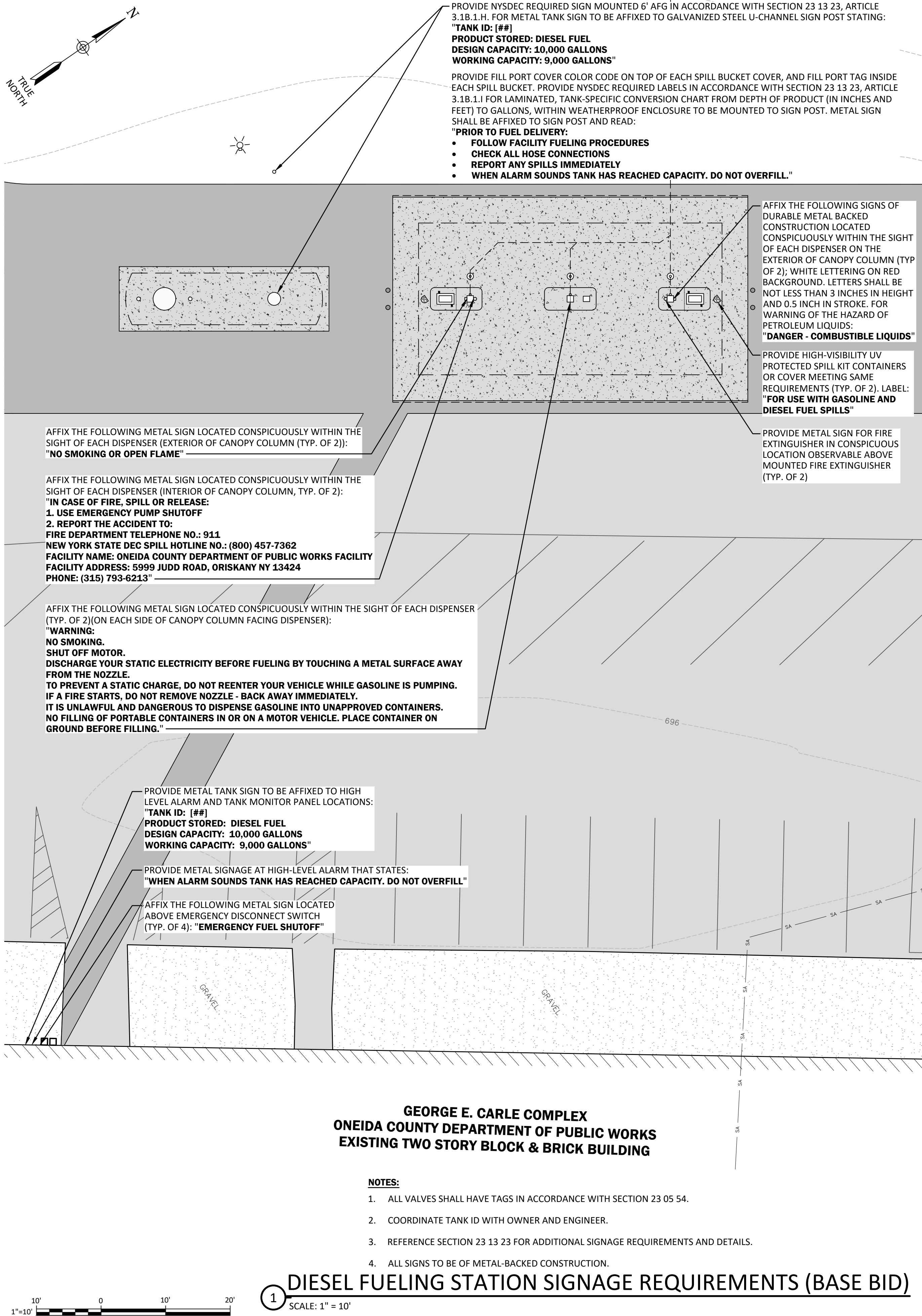
NYS EXP.: 05/31/2027

Date
AUGUST 4, 2026

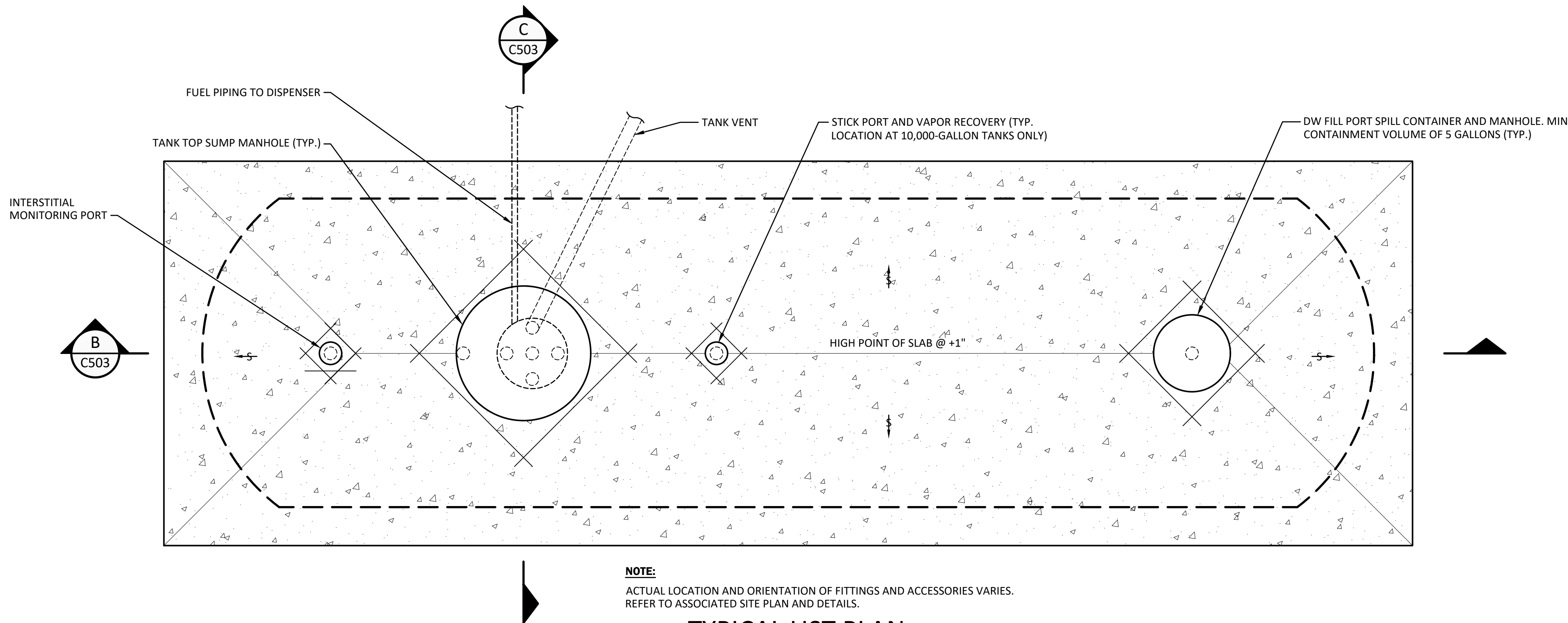
Scale
1" = 10'

Sheet Number
C200

Project Number
197.064.001

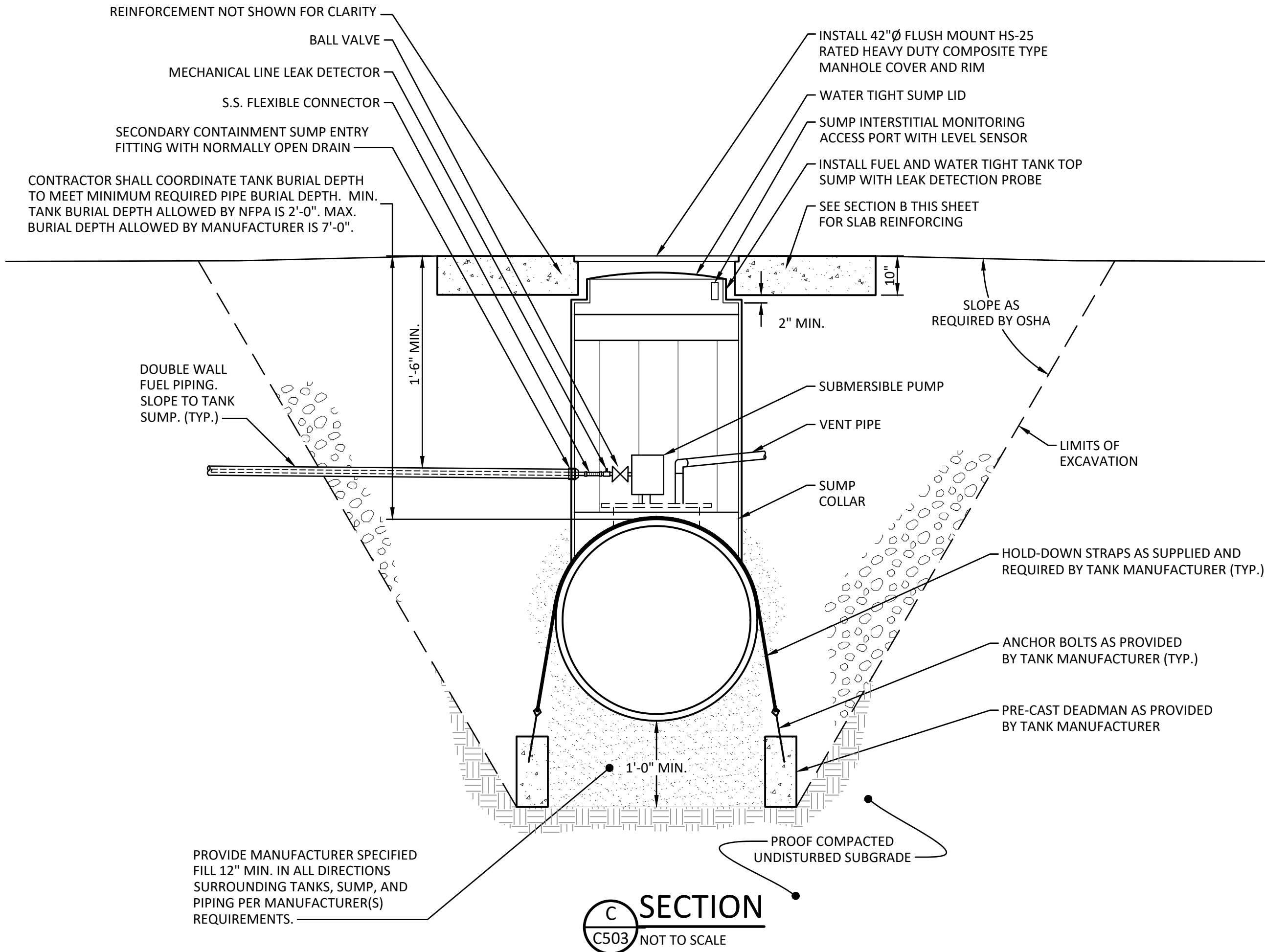
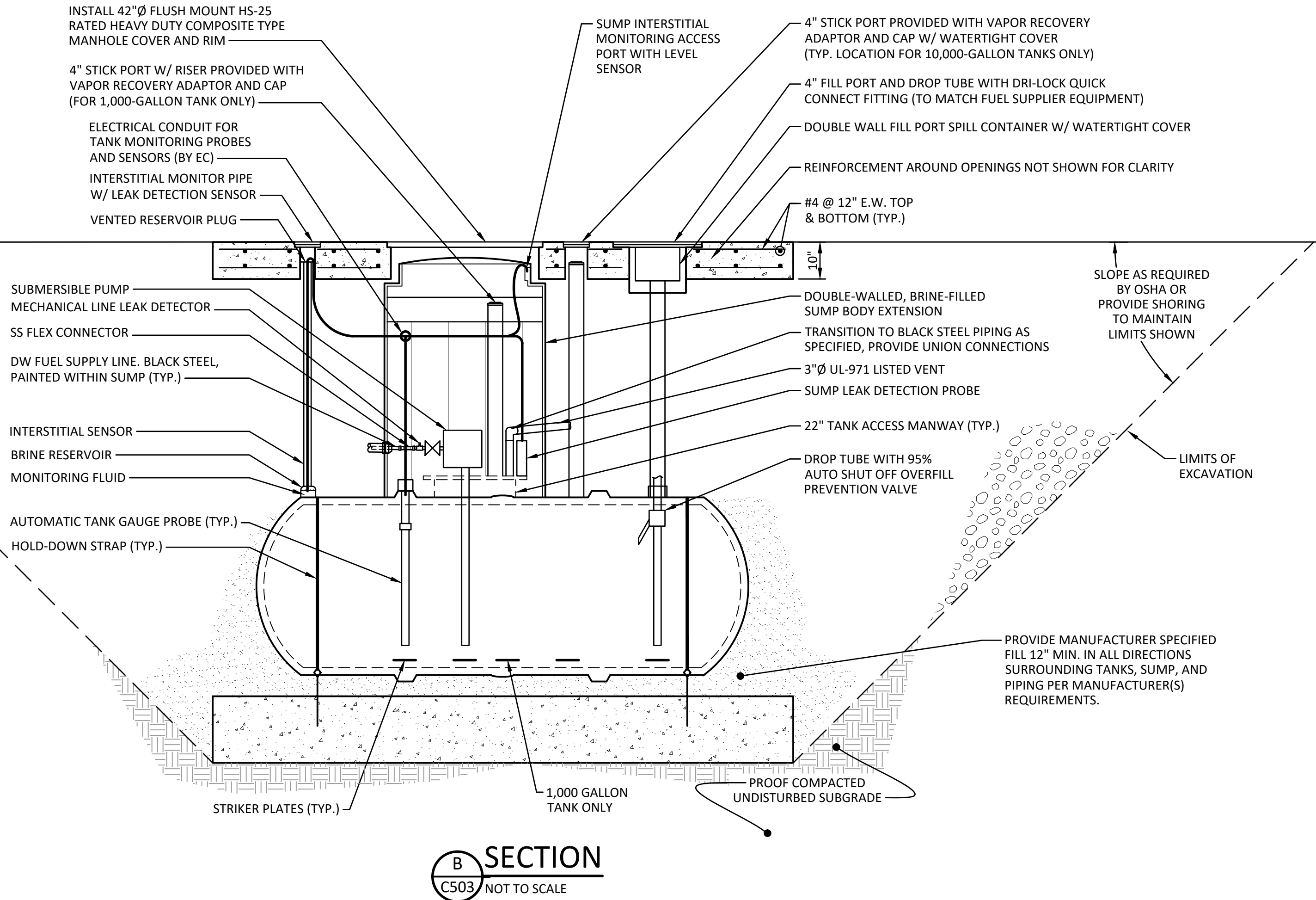


IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.	
REVISIONS	
ONEIDA COUNTY DEPARTMENT OF PUBLIC WORKS ORISKANY FUEL STORAGE DISPENSING FACILITIES FUELING STATION SIGNAGE REQUIREMENTS TOWN OF WHITESTOWN ONEIDA COUNTY, NEW YORK	
Barton & Loguidice 443 Electronics Parkway Liverpool, NY 13088  NYS EXP.: 05/31/2027 Date AUGUST 4, 2026 Scale AS SHOWN Sheet Number C202 Project Number 197.064.001	



NOTE:
ACTUAL LOCATION AND ORIENTATION OF FITTINGS AND ACCESSORIES VARIES.
REFER TO ASSOCIATED SITE PLAN AND DETAILS.

1 TYPICAL UST PLAN
NOT TO SCALE



IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS	

ONEIDA COUNTY
DEPARTMENT OF PUBLIC WORKS
ORISKANY FUEL STORAGE DISPENSING FACILITIES
UST DETAIL AND SECTIONS
TOWN OF WHITESTOWN
ONEIDA COUNTY, NEW YORK

Barton & Loguidice
443 Electronics Parkway
Liverpool, NY 13088

STATE OF NEW YORK
SEAL OF THE STATE ENGINEER
JEFFREY L. REED
Professional Engineer
No. 083980

NYS EXP.: 05/31/2027
Date
AUGUST 4, 2026
Scale
AS SHOWN
Sheet Number
C503
Project Number
197.064.001

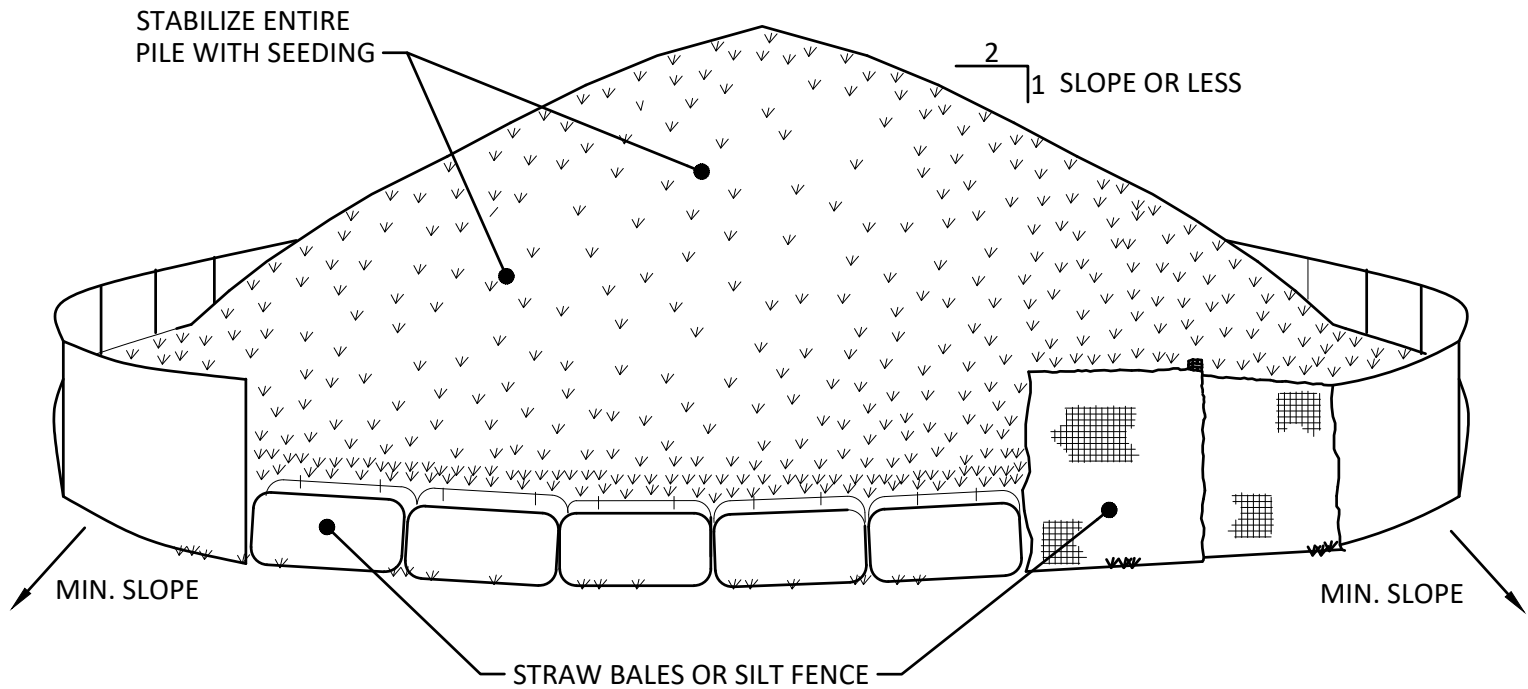
Plotted: Jul 28, 2026 -- 11:22AM
Z:\BL-Vault\ID2\18217AD2-1C71-4823-8927-9905C6054147\0_3055000-3055999\3055262\1\197064_C501-504_Details (ID 3055262).dwg
Checked by _____
Drawn by _____
Designed by _____
In charge of _____
SYR By: WBG
WBG LKL JJR

EROSION & SEDIMENT CONTROL

- THE ELEMENTS OF THIS SHEET KNOWN AS "EROSION AND SEDIMENT CONTROL DETAILS" SHALL BE USED DURING CONSTRUCTION IN ANY AREA WHERE FINE MATERIALS MAY ENTER THE WATERS OF THE STATE OF YORK OR DRAINAGE STRUCTURES. SITE ACTIVITIES MUST BE KEPT TO DISTURBANCE LIMITS OF LESS THAN ONE ACRE. DISTURBANCE OF GREATER THAN ONE ACRE OF SOIL CAN NOT BE CONDUCTED WITHOUT DEVELOPMENT OF A STORMWATER POLLUTION PREVENTION PLAN, AND ACQUISITION OF A NYSDEC SPDES PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY. CONTRACTOR SHALL INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL PRACTICES TO PREVENT OFF-SITE MIGRATION OF SEDIMENT. ANY FINES OR PENALTIES ASSOCIATED WITH STORMWATER/EROSION VIOLATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT CONTAMINATION OF STREAMS, WETLANDS, AND WATERWAYS BY SILT, SEDIMENTS, FUEL SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE LEACHATE, OR ANY OTHER POLLUTANT ASSOCIATED WITH CONSTRUCTION AND CONSTRUCTION PROCEDURES.
- DURING CONSTRUCTION, NO WET OR FRESH CONCRETE SHALL BE ALLOWED TO ESCAPE INTO ANY WATERS, NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS, OR OTHER DEVICES BE ALLOWED TO ENTER ANY WATERS.
- ANY DEBRIS OR EXCESS MATERIALS FROM CONSTRUCTION SHALL BE IMMEDIATELY AND COMPLETELY REMOVED FROM THE BED AND BANKS OF ALL WATER AREAS TO APPROPRIATE UPLAND AREAS FOR DISPOSAL.
- INSPECTION, PERIODIC CLEANING, AND MAINTENANCE OF TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES SHALL BE CONDUCTED ON A WEEKLY AND POST-RAINFALL BASIS BY THE CONTRACTOR. CONTRACTOR SHALL PROVIDE OWNER ALL INSPECTION REPORTS.
- ALL CONTROL DEVICES SHALL BE PLACED PRIOR TO STARTING EARTHWORK OPERATIONS AND SHALL REMAIN IN PLACE UNTIL THE SLOPES ARE STABILIZED WITH SEEDING AND/OR SLOPE PROTECTION TO 80 PERCENT VEGETATIVE COVER OR A.O.B.E.
- THE COST OF INSTALLING, CLEANING, AND REMOVING TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES, UNLESS OTHERWISE INDICATED, SHALL BE PAID FOR UNDER THE LUMP SUM BID OR REFERENCE APPROPRIATE ITEM.
- HEAVY EQUIPMENT SHALL NOT BE DRIVEN IN THE WATERS OR WETLANDS OR WITHIN 20 FEET OF MATURE TREES.
- SEDIMENT CONTROL FENCE SHALL NOT BE USED IN AREAS OF CONCENTRATED FLOW.
- ALL AREAS OF SOIL DISTURBANCES RESULTING FROM THIS PROJECT SHALL BE SEEDDED WITH AN APPROPRIATE PERENNIAL GRASS SEED AND MULCHED WITH HAY OR STRAW WITHIN ONE WEEK OF FINAL GRADING. MULCH SHALL BE MAINTAINED UNTIL A SUITABLE COVER IS ESTABLISHED.
- TEMPORARY SEEDING AND STRAW MULCH SHOULD BE PLACED ON ALL AREAS LEFT BARE FOR 14 DAYS.
- CONTRACTOR SHALL CONDUCT WATER DUST SUPPRESSION AS NEEDED TO PREVENT OFF-SITE DUST MIGRATION.

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION

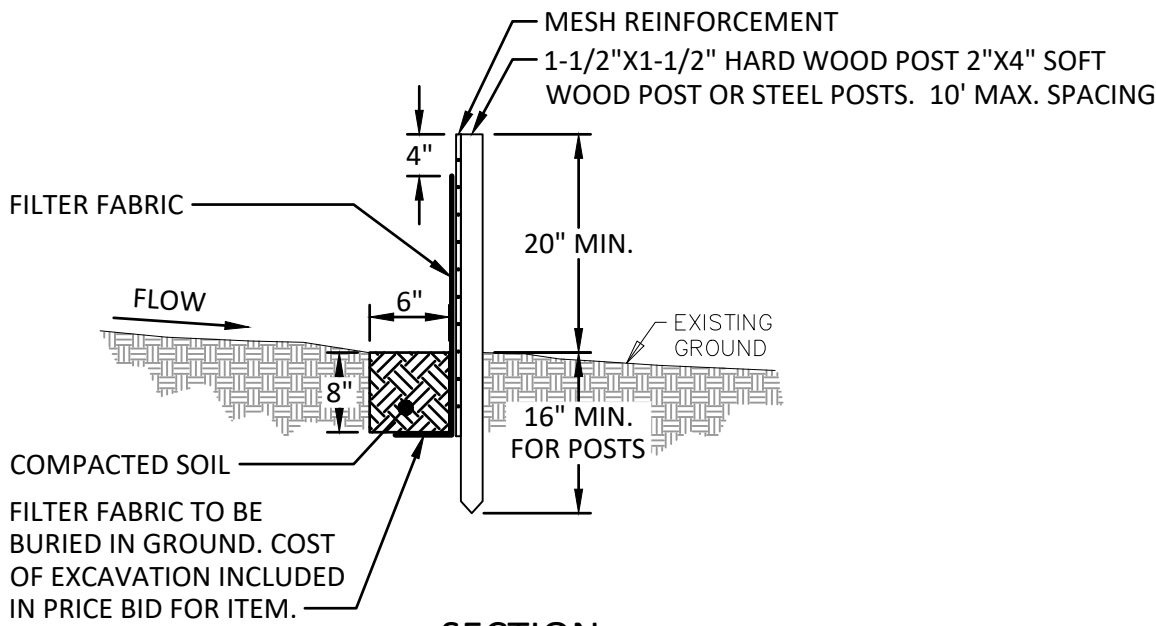
THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SPDES GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES (GP-0-25-001).



INSTALLATION NOTES:

- AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
- MAXIMUM SLOPE OF STOCKPILE SHALL BE 1V:2H.
- UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAW BALES.
- IF SOIL STOCKPILE TRANSFER TO AN OFF-SITE LOCATION HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN SEVEN (7) DAYS FROM THE DATE THE SOILS WERE FIRST LEFT EXPOSED.
- TOPSOIL PILES SHALL BE SEPARATED FROM COMMON FILL PILES

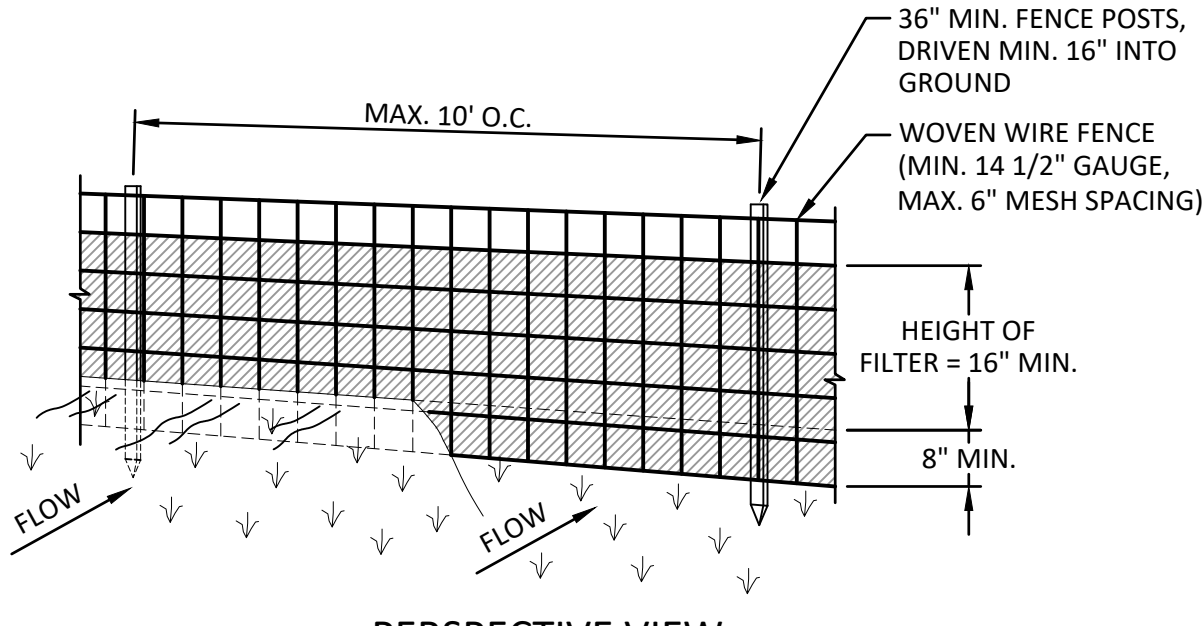
3 SOIL STOCKPILE DETAIL
NOT TO SCALE



SECTION

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



PERSPECTIVE VIEW

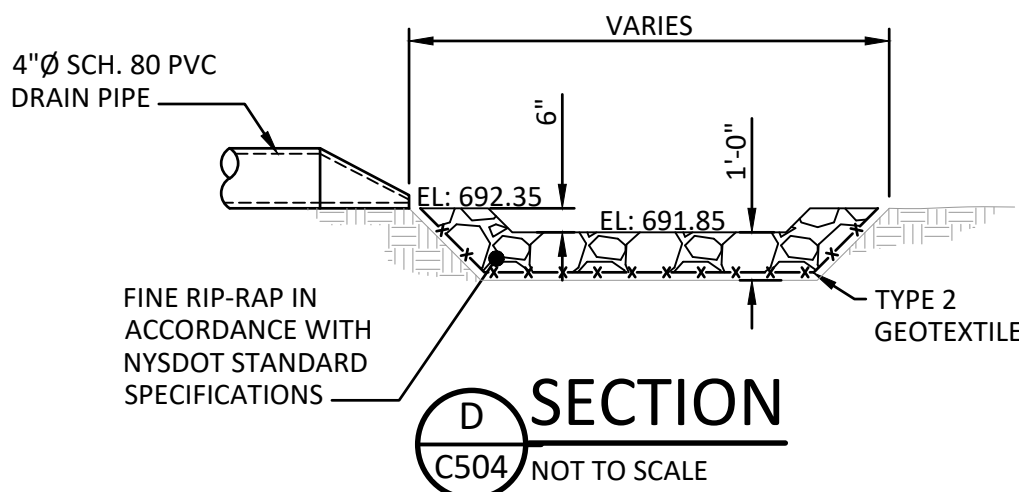
POSTS: STEEL EITHER "T" OR "U" TYPE OR 2" HARDWOOD

FENCE: WOVEN WIRE, 14 1/2 GA. 6" MAX. MESH OPENING

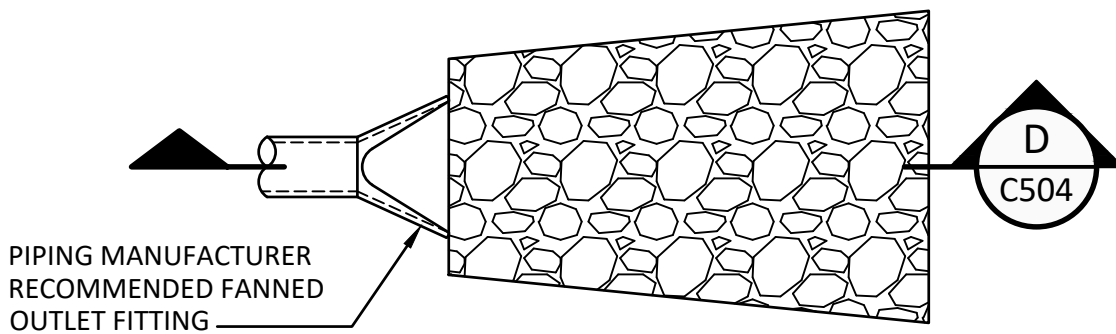
FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL

PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

1 SILT FENCE DETAIL
NOT TO SCALE



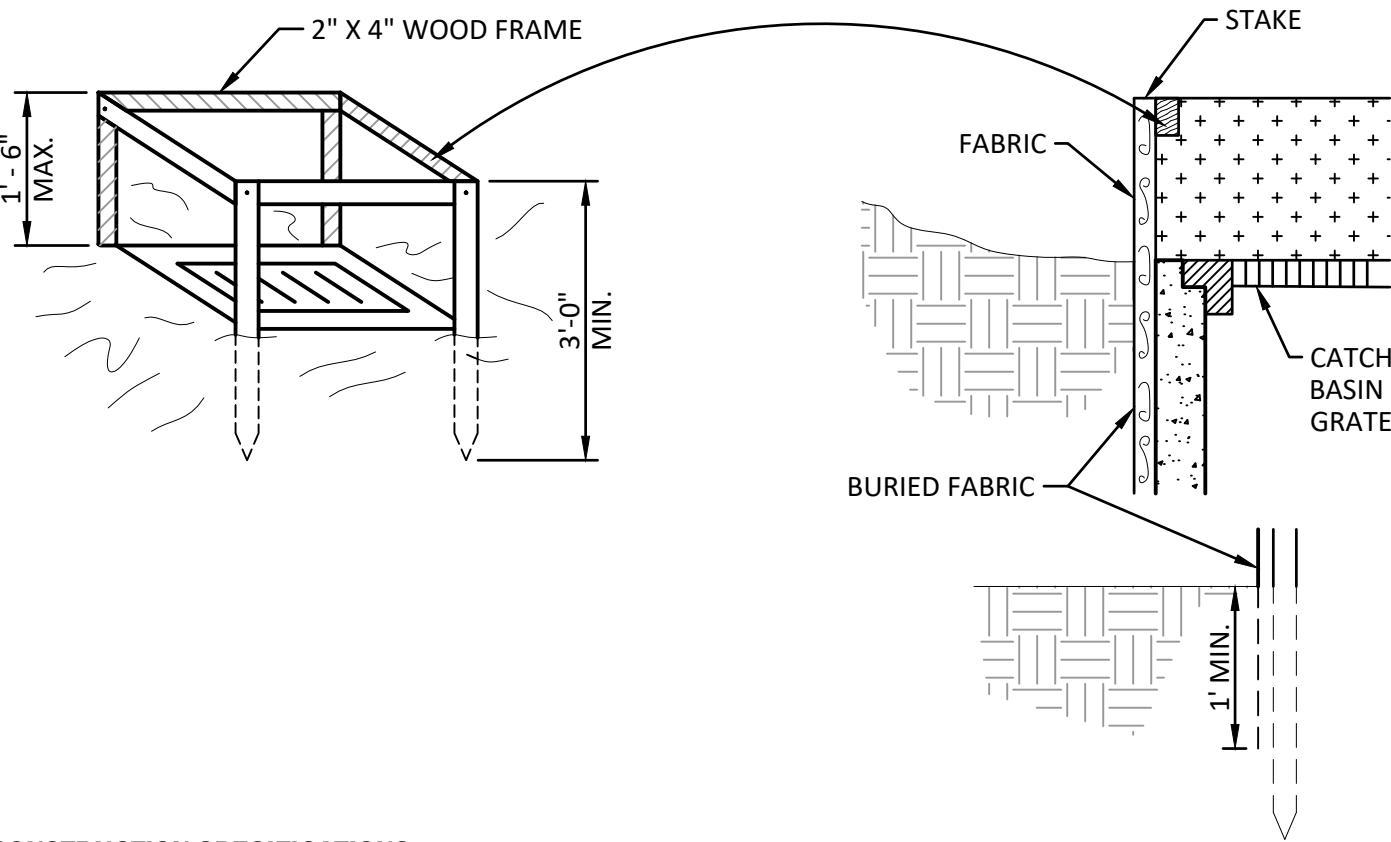
D SECTION
C504 NOT TO SCALE



NOTE:

APRON TO BE PLACED LEVEL WITH THE TOP SURFACE OF RIPRAP AT SAME LEVEL AS SURROUNDING LAND SURFACE. NO OVERFALL SHOULD EXIST.

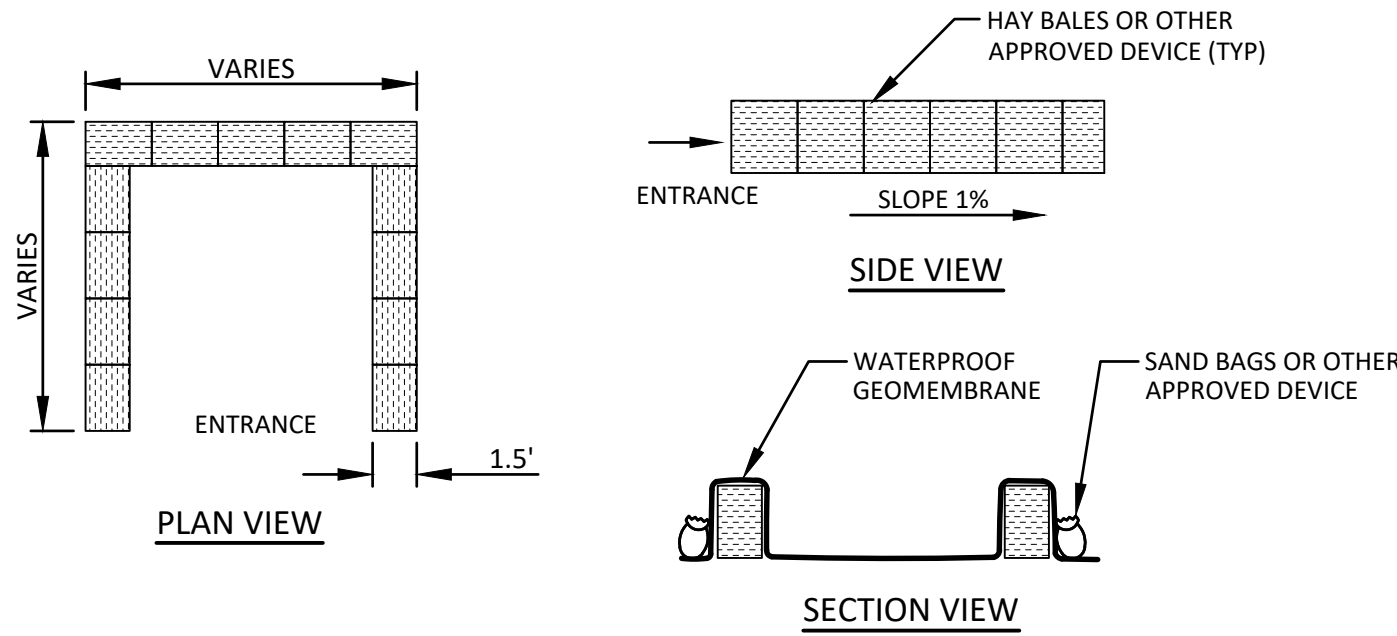
4 PIPE DISCHARGE PROTECTION DETAIL
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS:

- FILTER FABRIC SHALL HAVE AN EOS OF 40-85.
- CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
- STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT METAL. MINIMUM LENGTH OF 3 FEET.
- SPACE STAKES EVENLY AROUND CATCH BASIN 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET SHALL BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
- FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND SURFACE AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
- A 2" x 4" WOOD FRAME SHALL BE COMPLETED OVER THE TOP EDGE OF THE FABRIC FOR OVERFLOW STABILITY.
- WHERE DROP INLETS ARE SET IN PAVEMENT, GRAVEL BAGS OR APPROVED EQUIVALENT SHALL BE USED IN LIEU OF THE ABOVE DETAIL.

2 DROP INLET PROTECTION DETAIL
NOT TO SCALE



CONCRETE WASHOUT NOTES:

- GEOMEMBRANE SHALL BE INSPECTED DAILY TO ENSURE THAT IT REMAINS WATERPROOF.
- CONCRETE WASHOUT AREA(S) SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE. THE CONCRETE WASHOUT AREA SHALL BE ENTIRELY SELF-CONTAINED.
- SIZE: THE WASHOUT MUST HAVE SUFFICIENT VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS INCLUDING, BUT NOT LIMITED TO, OPERATIONS ASSOCIATED WITH GROUT AND MORTAR.
- SIGNS SHOULD BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CONCRETE AREA(S) AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT TO OPERATORS OF THE CONCRETE TRUCKS AND PUMP RIGS. WASHOUT AREA(S) SHOULD BE FLAGGED WITH SAFETY FENCING OR OTHER APPROVED METHOD.
- WASHOUT AREA(S) ARE TO BE INSPECTED AT LEAST ONCE A WEEK FOR STRUCTURAL INTEGRITY, ADEQUATE HOLDING CAPACITY AND CHECK FOR LEAKS, TEARS, OR OVERFLOWS. WASHOUT AREA(S) SHOULD BE CHECKED AFTER HEAVY RAINS.
- HARDENED CONCRETE WASTE SHOULD BE REMOVED AND DISPOSED OF WHEN THE WASTE HAS ACCUMULATED TO HALF OF THE CONCRETE WASHOUT'S HEIGHT. THE WASTE CAN BE STORED AT AN UPLAND LOCATION, AS APPROVED BY THE ENGINEER. ALL CONCRETE WASTE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH ALL APPLICABLE LAWS, REGULATIONS, AND GUIDELINES.

5 CONCRETE WASHOUT DETAIL
NOT TO SCALE

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS

ONEIDA COUNTY
DEPARTMENT OF PUBLIC WORKS
ORISKANY FUEL STORAGE DISPENSING FACILITIES
TOWN OF WHITESTOWN
ONEIDA COUNTY, NEW YORK
EROSION AND SEDIMENT CONTROL DETAILS

Barton & Loguidice
443 Electronics Parkway
Liverpool, NY 13088
NYS CERTIFICATE #
0021642, 0020588, 0019903,
0019905, 0020336



NYS EXP.: 05/31/2027

Date

AUGUST 4, 2026

Scale

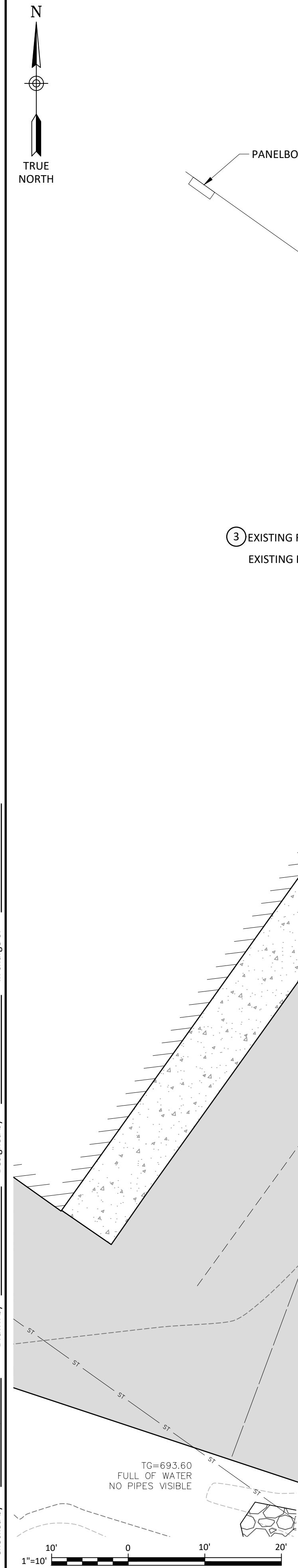
AS SHOWN

Sheet Number

C504

Project Number

197.064.001



KEYED NOTES, EXISTING FUELING STATION ELECTRICAL DEMOLITION PLAN

1. ANTICIPATED UNDERGROUND ELECTRIC ROUTING. CONTRACTOR SHALL REMOVE CONDUCTORS. CONDUIT SHALL BE ABANDONED IN PLACE UNLESS CONDUITS CONFLICT WITH PROPOSED WORK.
2. CONTRACTOR SHALL DISCONNECT ALL FUEL ISLAND ELECTRICAL TIES TO THE BUILDING FOR DEMOLITION OF FUEL ISLAND BY GENERAL CONTRACTOR.
3. COORDINATE REMOVAL OF FIRE SUPPRESSION SYSTEM WITH GENERAL CONTRACTOR. REMOVE ALL CONTROLS TO FIRE SUPPRESSION SYSTEM.

GENERAL NOTES, EXISTING FUELING STATION ELECTRICAL DEMOLITION PLAN

1. PROVIDE COMPLETE ELECTRICAL DEMOLITION OF EXISTING FUEL ISLAND POWER AND CONTROL EQUIPMENT.
2. REFER TO SHEET C100 NOTES FOR DESCRIPTION ON LOCATION OF EXISTING MONITORING PANEL

EXISTING FUEL ISLAND DEMOLITION PLAN

SCALE: 1" = 10'-0"

**FUEL ISLAND DEMOLITION
DIAGRAM**

NOT TO SCALE

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS

NO.	DESCRIPTION	DATE

ONEIDA COUNTY
DEPARTMENT OF PUBLIC WORKS
ORISKANY FUEL STORAGE DISPENSING FACILITIES
EXISTING FUELING STATION
ELECTRICAL DEMOLITION PLAN
TOWN OF WHITESTOWN
ONEIDA COUNTY, NEW YORK

Barton & Loguidice
443 Electronics Parkway
Liverpool, NY 13088

NYS CERTIFICATE #
0021642, 0020588, 0019903,
0019905, 0020336



NYS EXP.: 08/31/2028

Date
AUGUST 4, 2026

Scale
AS SHOWN

Sheet Number

E100

Project Number

197.064.001

Plotted: Feb 11, 2026 - 2:50PM
Z:\BL-Vault\02\18217A02-1071-4823-8927-9905C0654147\0 3133000-3133999 3133846\1\197064 E200 Gasoline Fueling Station Elec Site Plan (ID 3133946).dwg

SYR By: WEG

TWB

In charge of

TRL

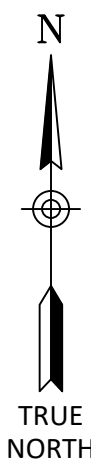
Designed by

TRL

Drawn by

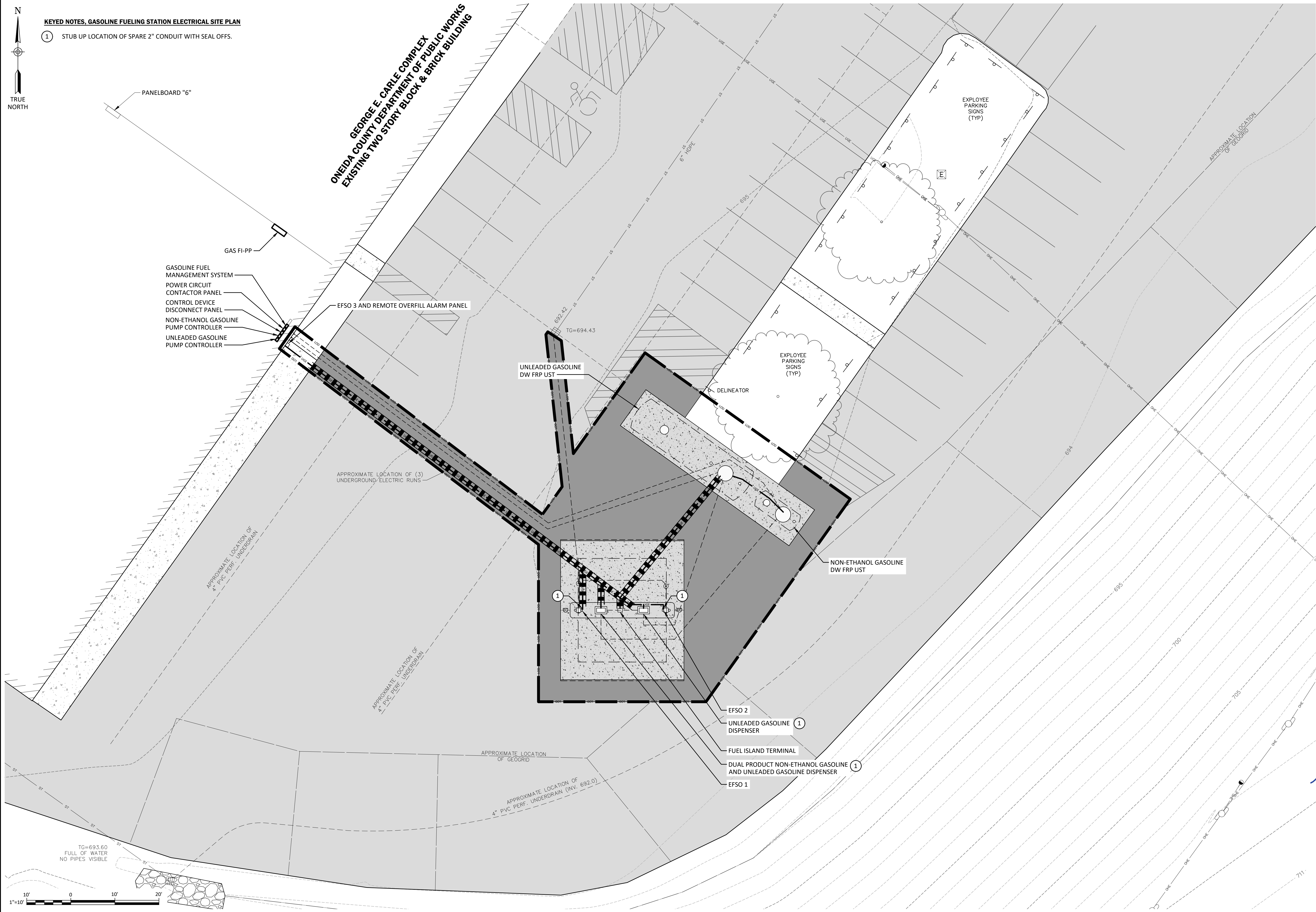
TWB

Checked by



KEYED NOTES, GASOLINE FUELING STATION ELECTRICAL SITE PLAN

- ① STUB UP LOCATION OF SPARE 2" CONDUIT WITH SEAL OFFS.



IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS	

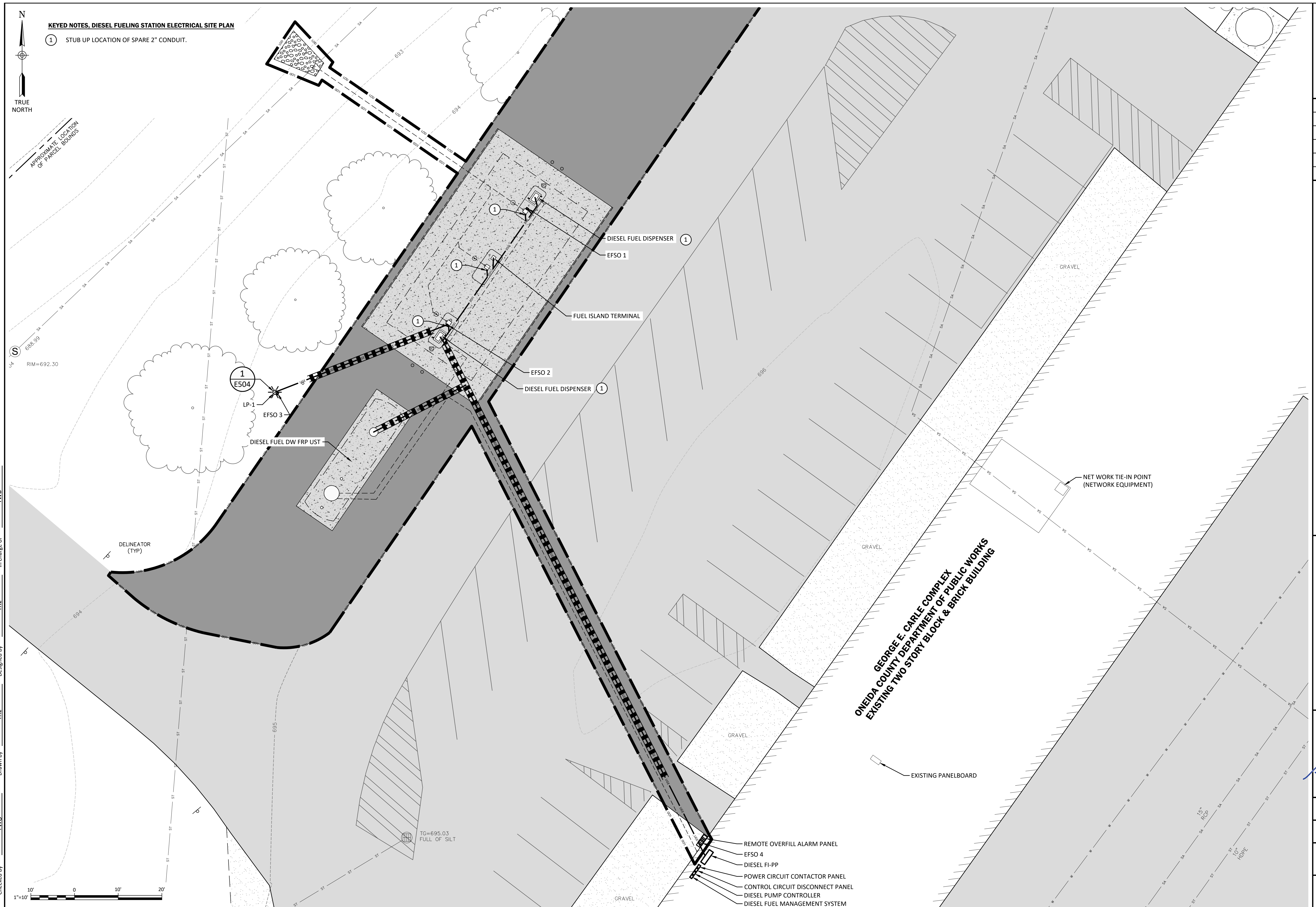
ONEIDA COUNTY
DEPARTMENT OF PUBLIC WORKS
ORISKANY FUEL STORAGE DISPENSING FACILITIES

**GASOLINE FUELING STATION
ELECTRICAL SITE PLAN**

TOWN OF WHITESTOWN
ONEIDA COUNTY, NEW YORK

Barton & Loguidice
443 Electronics Parkway
Liverpool, NY 13088
NYS CERTIFICATE #
0021642, 0020588, 0019903,
0019905, 0020336

NYS EXP.: 08/31/2028
Date
AUGUST 4, 2026
Scale
1" = 10'
Sheet Number
E200
Project Number
197.064.001



IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS	

ONEIDA COUNTY
DEPARTMENT OF PUBLIC WORKS
ORISKANY FUEL STORAGE DISPENSING FACILITIES

**DIESEL FUELING STATION
ELECTRICAL SITE PLAN**

TOWN OF WHITESTOWN

ONEIDA COUNTY, NEW YORK

B&L
Barton & Loguidice
443 Electronics Parkway
Liverpool, NY 13088



NYS EXP.: 08/31/2028

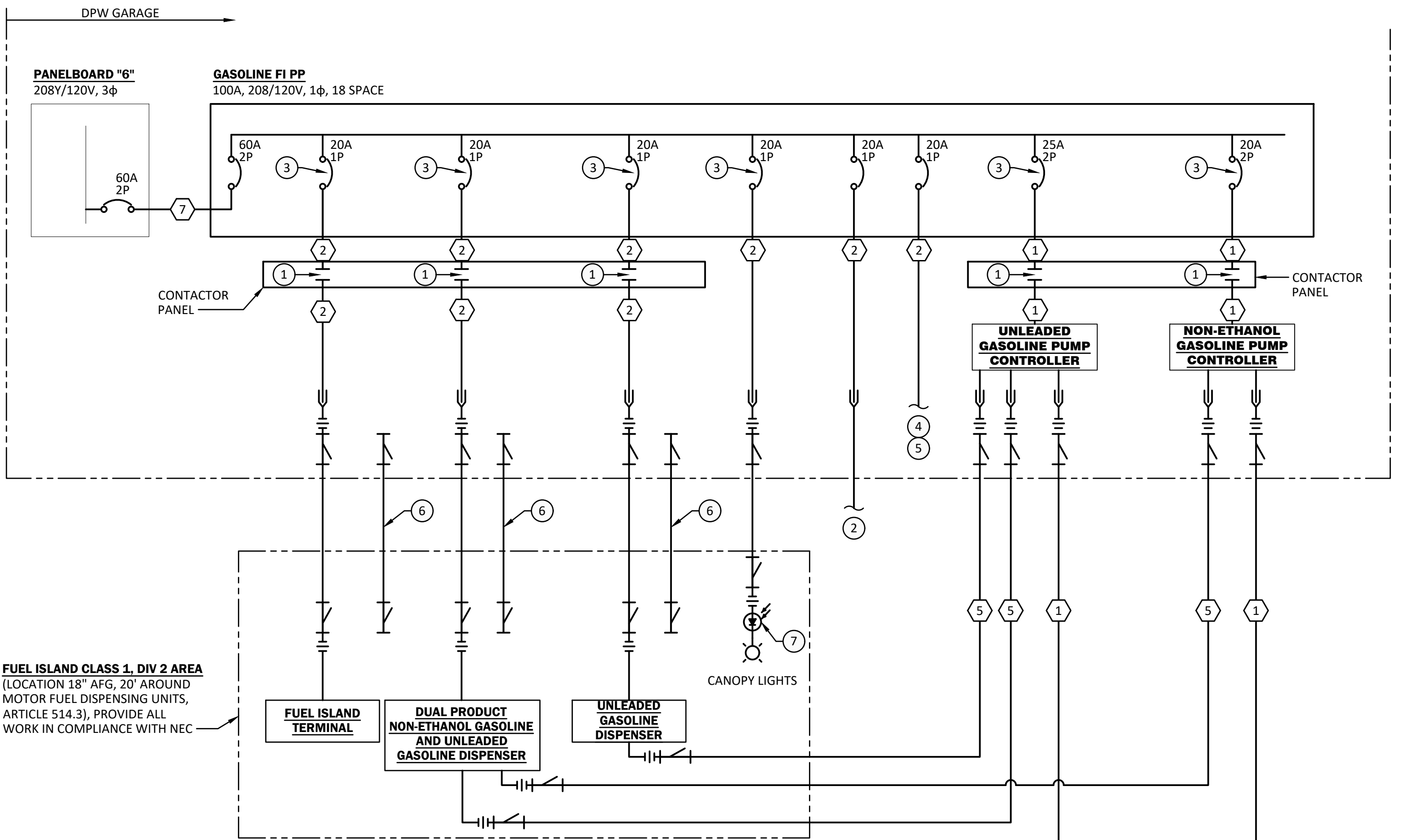
Date
AUGUST 4, 2026

Scale

1" = 10'
Sheet Number

E201

Project Number	197.064.001
----------------	-------------



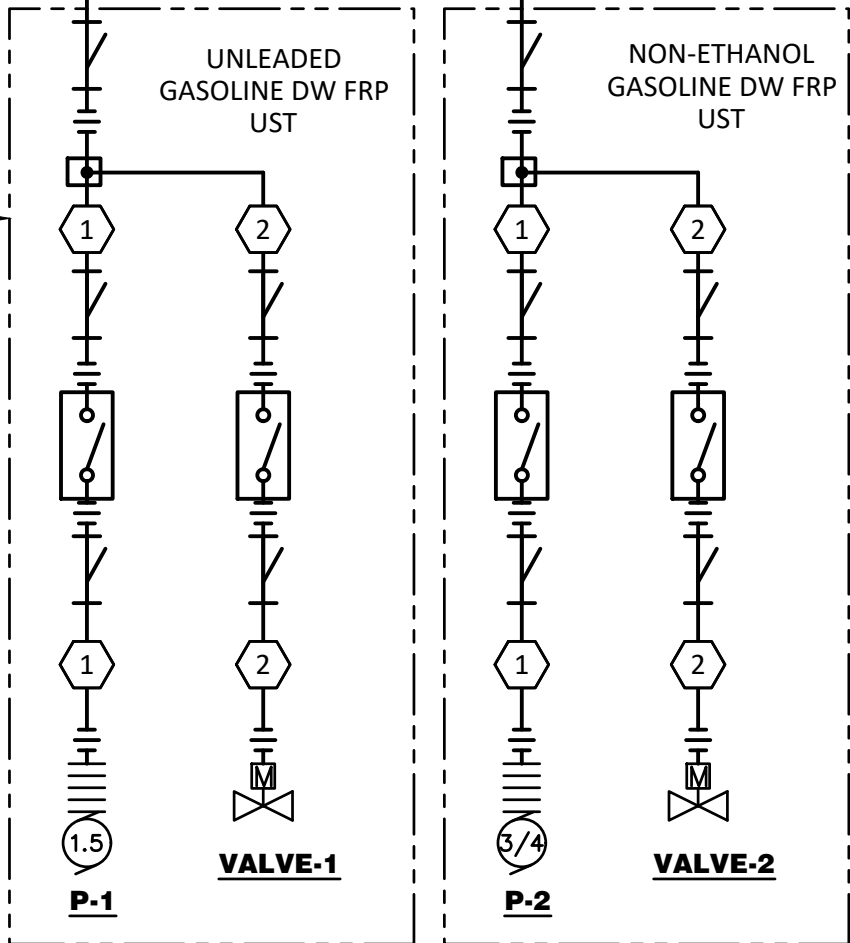
GENERAL NOTES, GASOLINE FUELING STATION ONE-LINE DIAGRAM

1. PROVIDE NEMA 3R ENCLOSURES FOR ALL EQUIPMENT LOCATED OUTDOORS UOI.
2. PROVIDE NEMA 7 ENCLOSURES IN CLASSIFIED AREAS.
3. ALL EQUIPMENT TO BE UL LISTED.

KEYED NOTES, GASOLINE FUELING STATION ONE-LINE DIAGRAM

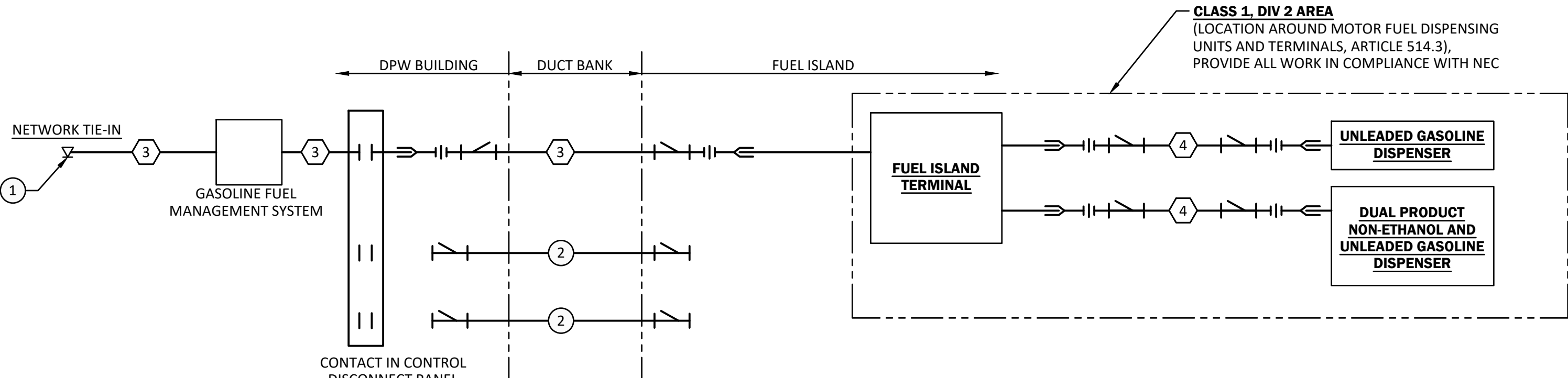
- 1 CONTACT LOCATED IN POWER CIRCUIT CONTACTOR PANEL. CONTACT TO DISCONNECT ALL CONDUCTORS INCLUDING THE NEUTRAL (GROUNDED CONDUCTOR). SEE KEYED NOTE 5.
- 2 PROVIDE POWER CIRCUIT FOR EFSS SWITCHES.
- 3 CIRCUIT BREAKER SHALL DISCONNECT ALL CONDUCTORS INCLUDING THE NEUTRAL (GROUNDED CONDUCTOR). PROVIDE WITH DEVICE THAT ALLOWS LOCKOUT WITH THE USE OF PADLOCK.
- 4 PROVIDE UL 1238 LISTED DISCONNECT PANEL (CONTROL DEVICE DISCONNECT PANEL) MEETING REQUIREMENTS OF NEC 514.11 AND 514.13 FOR ALL INDICATED CONTROL CIRCUITING. PROVIDE INDIVIDUAL DISCONNECT SWITCH FOR EACH DISPENSER AND FUEL ISLAND TERMINAL.
- 5 PROVIDE UL LISTED CONTACTOR PANEL (POWER CIRCUIT CONTACTOR PANEL) MEETING REQUIREMENTS OF NEC 514.11 FOR ALL POWER CIRCUITS.
- 6 SPARE 2" CONDUIT WITH PULL STRING AND SEAL OFFS. SEE SHEET E200 FOR LOCATION AT FUEL ISLAND.
- 7 MOUNT PHOTOCELL TO TOP OF CANOPY.

FUEL ISLAND CLASS 1, DIV 2 AREA
(LOCATION 18" AFG, 20' AROUND FUEL TANKS, ARTICLE 514.3), PROVIDE ALL WORK IN COMPLIANCE WITH NEC



GASOLINE FUELING STATION ONE-LINE DIAGRAM

NOT TO SCALE

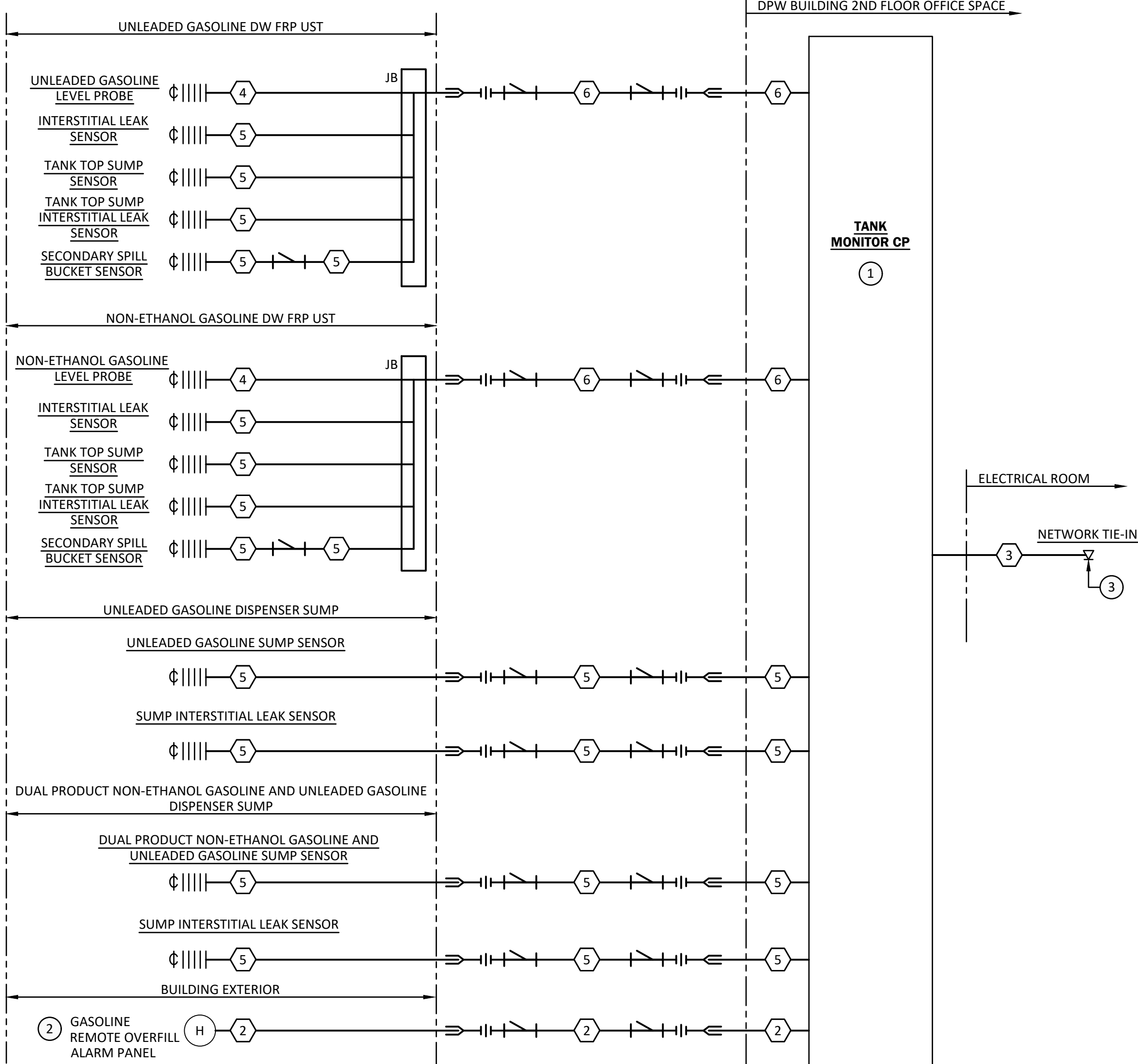


KEYED NOTES, DISPENSER CONTROL DIAGRAM

- 1 CONTRACTOR SHALL FIELD VERIFY NETWORK TIE IN POINT IN ELECTRICAL ROOM WITH OWNER.
- 2 PROVIDE 2" SPARE CONDUIT AT EACH CANOPY POST FOR FUTURE CAMERA SYSTEM.

DISPENSER CONTROL DIAGRAM

NOT TO SCALE



GENERAL NOTES, GASOLINE FUELING STATION TANK MONITOR ONE-LINE DIAGRAM

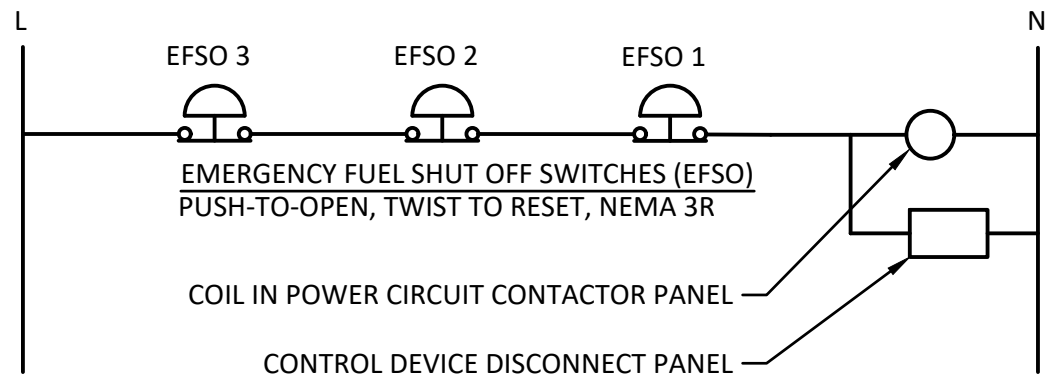
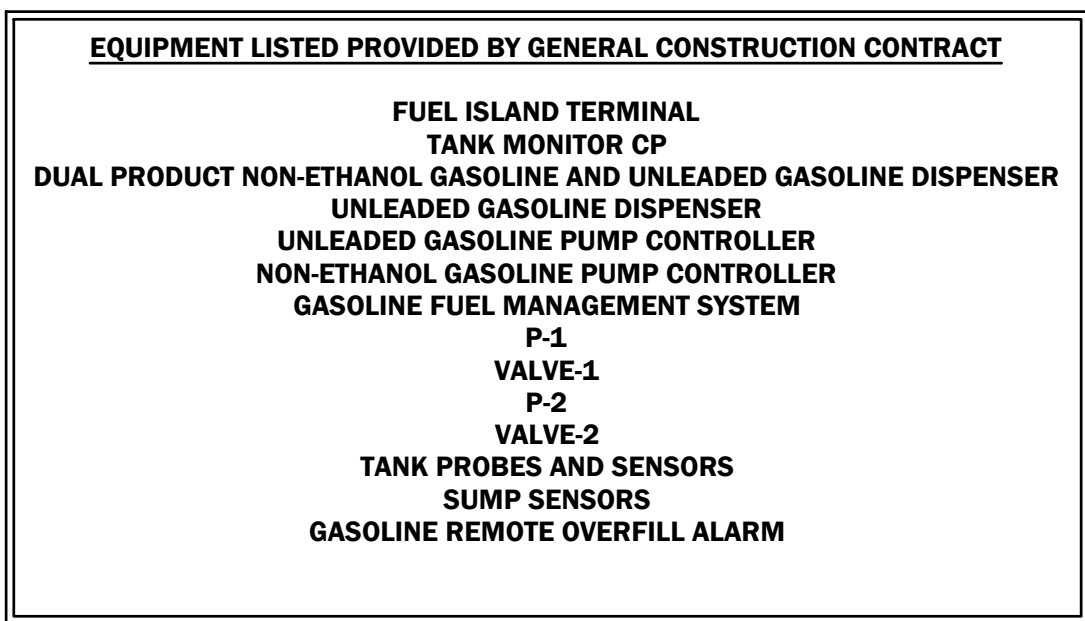
1. UTILIZE CONDUCTORS RECOMMENDED BY MANUFACTURER FOR INTERCONNECTIONS OF TANK MONITOR CP AND SENSORS/PROBES FOR A COMPLETE AND OPERABLE SYSTEM.
2. PROVIDE ADDITIONAL NECESSARY SEAL-OFFS WHERE REQUIRED WHEN PASSING THROUGH CLASSIFIED AREAS WITH CIRCUITING. PROVIDE UNION FOR EACH SEAL-OFF.
3. COORDINATE ALL JUNCTION BOX AND EQUIPMENT LOCATIONS AND CONDUIT ROUTING WITH FIELD CONDITIONS.
4. JUNCTION BOXES LOCATED IN CLASS 1 DIVISION 2 AREA TO BE NEMA 7.
5. ALL JUNCTION BOXES LOCATED OUTSIDE TO BE NEMA 3R UNLESS OTHERWISE INDICATED.
6. ALL RISERS FROM GRADE SHALL BE PROVIDED WITH EXPANSION FITTINGS.

KEYED NOTES, GASOLINE FUELING STATION TANK MONITOR ONE-LINE DIAGRAM

- 1 COORDINATE TERMINATIONS AT TANK MONITOR CP WITH MANUFACTURER. TANK MONITOR SHALL BE MOUNTED IN ADMINISTRATION OFFICES APPROXIMATELY 150' AWAY FROM BUILDING ENTRY. CONDUITS SHALL BE RUN THROUGH CEILING SPACE.
- 2 FOR BID PURPOSES, REMOTE OVERFILL ALARM PANEL IS ASSUMED TO BE OUTSIDE OF CLASSIFIED AREA. IF PANEL IS DISCOVERED TO BE WITHIN CLASSIFIED AREA PER NEC 514.3, CONTRACTOR SHALL NOTIFY ENGINEER.
- 3 CONTRACTOR SHALL FIELD VERIFY NETWORK TIE IN POINT IN ELECTRICAL ROOM WITH OWNER.

GASOLINE FUELING STATION TANK MONITOR ONE-LINE DIAGRAM

NOT TO SCALE



GENERAL NOTES, REMOTE SHUT DOWN WIRING DIAGRAM

1. PROVIDE ALL REQUIRED CIRCUITING TO PROVIDE CIRCUIT DISCONNECT FOR ALL DISPENSER EQUIPMENT IN THE EVENT OF EMERGENCY SHUT-OFF SWITCH ACTIVATION.
2. PROVIDE MIN #12AWG AND MIN 3/4" C FOR ALL CIRCUITING.
3. INSTALL WARNING SIGN ON CONTACTOR PANEL "MORE THAN ONE SOURCE. DISCONNECT ALL POWER PRIOR TO SERVICING" OR SIMILAR.
4. INSTALL DISCONNECT SWITCHES AT HEIGHT BETWEEN 42-48" AFG.

REMOTE SHUT DOWN WIRING DIAGRAM

NOT TO SCALE

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS

NO.	DESCRIPTION

ONEIDA COUNTY
DEPARTMENT OF PUBLIC WORKS
ORISKANY FUEL STORAGE DISPENSING FACILITIES
GASOLINE FUELING STATION
ELECTRICAL ONE-LINE DIAGRAMS
ONEIDA COUNTY, NEW YORK

ONEIDA COUNTY
DEPARTMENT OF PUBLIC WORKS
ORISKANY FUEL STORAGE DISPENSING FACILITIES
GASOLINE FUELING STATION
ELECTRICAL ONE-LINE DIAGRAMS
TOWN OF WHITESTOWN

Barton & Loguidice
443 Electronics Parkway
Liverpool, NY 13088
NYS CERTIFICATE #
0021642, 0020288, 0019903,
0019905, 0020336



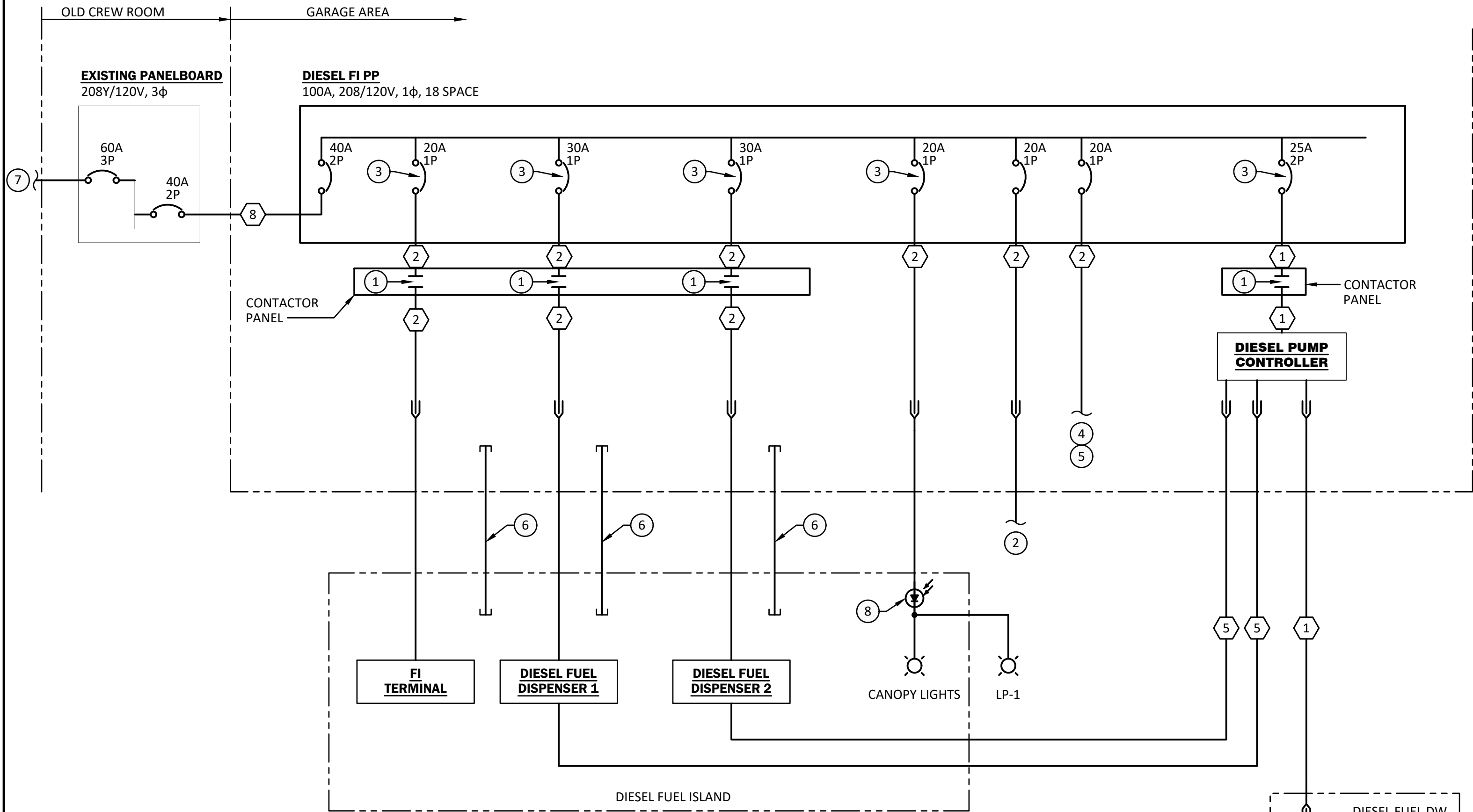
NYS EXP.: 08/31/2028

Date
AUGUST 4, 2026

Scale
AS SHOWN

Sheet Number
E501

Project Number
197.064.001



GENERAL NOTES, DIESEL FUELING STATION ONE-LINE DIAGRAM

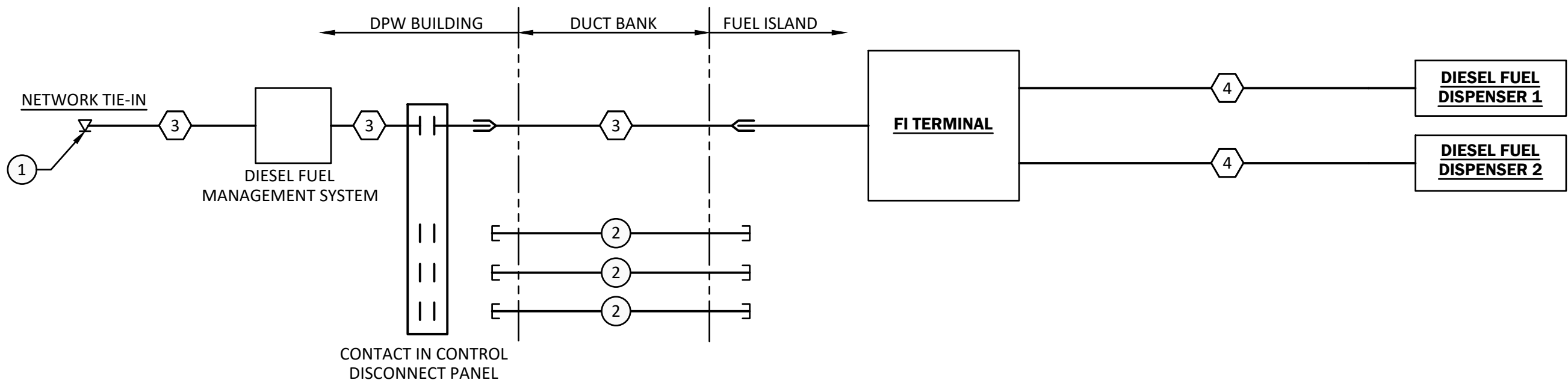
1. PROVIDE NEMA 3R ENCLOSURES FOR ALL EQUIPMENT LOCATED OUTDOORS UOI.
2. PROVIDE NEMA 7 ENCLOSURES IN CLASSIFIED AREAS.
3. ALL EQUIPMENT TO BE UL LISTED.

KEYED NOTES, DIESEL FUELING STATION ONE-LINE DIAGRAM

- 1 CONTACT LOCATED IN POWER CIRCUIT CONTACTOR PANEL. CONTACT TO DISCONNECT ALL CONDUCTORS INCLUDING THE NEUTRAL (GROUNDED CONDUCTOR). SEE KEYED NOTE 5.
- 2 PROVIDE POWER CIRCUIT FOR EFSO SWITCHES.
- 3 CIRCUIT BREAKER SHALL DISCONNECT ALL CONDUCTORS INCLUDING THE NEUTRAL (GROUNDED CONDUCTOR). PROVIDE WITH DEVICE THAT ALLOWS LOCKOUT WITH THE USE OF PADLOCK.
- 4 PROVIDE UL 1238 LISTED DISCONNECT PANEL (CONTROL DEVICE DISCONNECT PANEL) MEETING REQUIREMENTS OF NEC 514.11 AND 514.13 FOR ALL INDICATED CONTROL CIRCUITING. PROVIDE INDIVIDUAL DISCONNECT SWITCH FOR EACH DISPENSER AND FUEL ISLAND TERMINAL.
- 5 PROVIDE UL LISTED CONTACTOR PANEL (POWER CIRCUIT CONTACTOR PANEL) MEETING REQUIREMENTS OF NEC 514.11 FOR ALL POWER CIRCUITS.
- 6 SPARE 2" CONDUIT WITH PULL STRING AND SEAL OFFS. SEE SHEET E201 FOR LOCATION AT FUEL ISLAND.
- 7 PROVIDE GROUND WIRE IN EXISTING CONDUIT FROM SOURCE PANEL IN ELECTRICAL ROOM TO EXISTING PANELBOARD.
- 8 MOUNT PHOTOCCELL TO TOP OF CANOPY.

DIESEL FUELING STATION ONE-LINE DIAGRAM

NOT TO SCALE

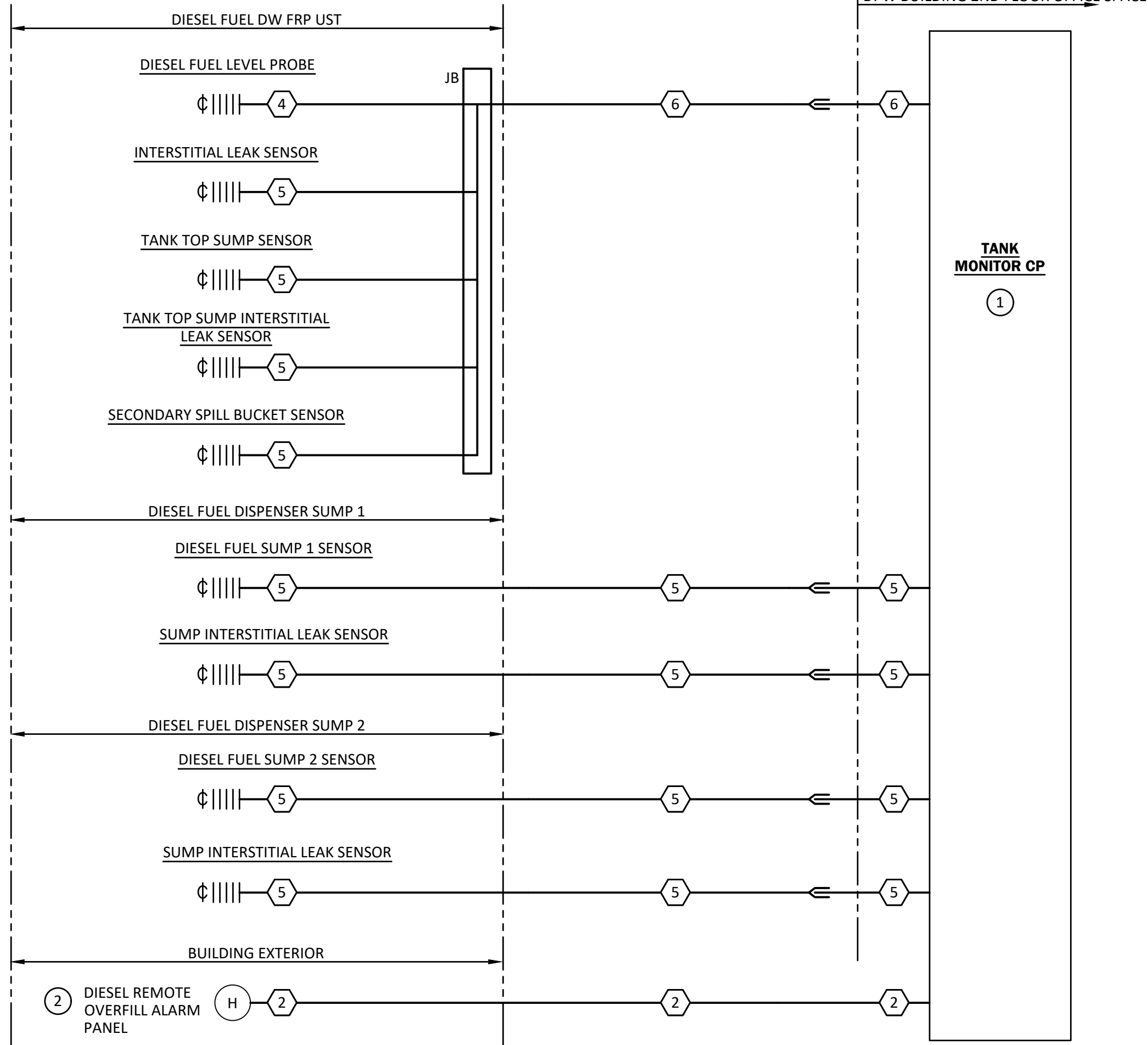


KEYED NOTES, DISPENSER CONTROL DIAGRAM

- 1 CONTRACTOR SHALL FIELD VERIFY NETWORK TIE-IN POINT AT NETWORK EQUIPMENT SHOWN ON E201 WITH OWNER.
- 2 PROVIDE 2" SPARE CONDUIT AT EACH CANOPY POST FOR FUTURE CAMERA SYSTEM.

DISPENSER CONTROL DIAGRAM

NOT TO SCALE



GENERAL NOTES, DIESEL FUELING STATION TANK MONITOR ONE-LINE DIAGRAM

1. UTILIZE CONDUCTORS RECOMMENDED BY MANUFACTURER FOR INTERCONNECTIONS OF TANK MONITOR CP AND SENSORS/PROBES FOR A COMPLETE AND OPERABLE SYSTEM.
2. PROVIDE ADDITIONAL NECESSARY SEAL-OFFS WHERE REQUIRED WHEN PASSING THROUGH CLASSIFIED AREAS WITH CIRCUITING. PROVIDE UNION FOR EACH SEAL-OFF.
3. COORDINATE ALL JUNCTION BOX AND EQUIPMENT LOCATIONS AND CONDUIT ROUTING WITH FIELD CONDITIONS.
4. ALL JUNCTION BOXES LOCATED OUTSIDE TO BE NEMA 3R UNLESS OTHERWISE INDICATED.
5. ALL RISERS FROM GRADE SHALL BE PROVIDED WITH EXPANSION FITTINGS.

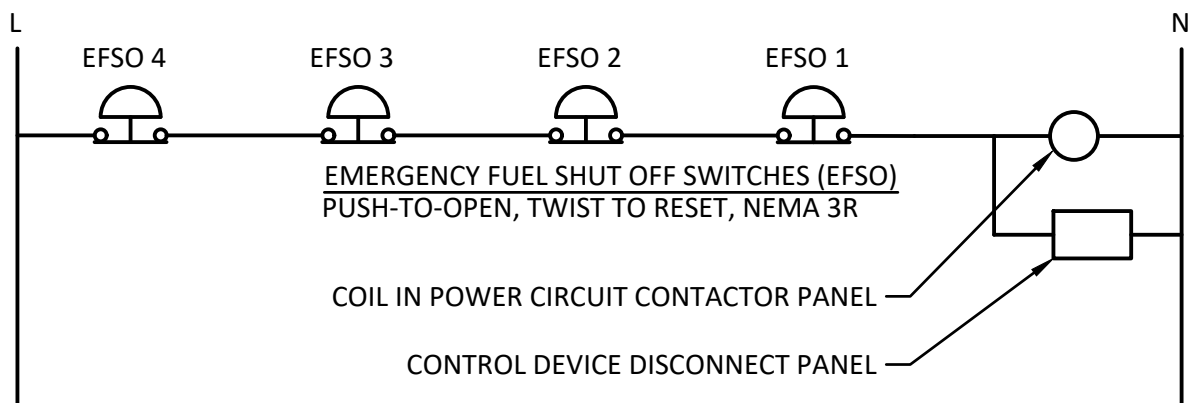
KEYED NOTES, DIESEL FUELING STATION TANK MONITOR ONE-LINE DIAGRAM

- 1 COORDINATE TERMINATIONS AT TANK MONITOR CP WITH MANUFACTURER. TANK MONITOR SHALL BE MOUNTED IN ADMINISTRATION OFFICES APPROXIMATELY 400' AWAY FROM BUILDING ENTRY. CONDUITS SHALL BE RUN THROUGH CEILING SPACE.
- 2 FOR BID PURPOSES, REMOTE OVERFILL ALARM PANEL IS ASSUMED TO BE OUTSIDE OF CLASSIFIED AREA. IF PANEL IS DISCOVERED TO BE WITHIN CLASSIFIED AREA PER NEC 514.3. CONTRACTOR SHALL NOTIFY ENGINEER.

DIESEL FUELING STATION TANK MONITOR ONE-LINE DIAGRAM

NOT TO SCALE

EQUIPMENT LISTED PROVIDED BY GENERAL CONSTRUCTION CONTRACT	
FUEL ISLAND TERMINAL	
TANK MONITOR CP	
DIESEL FUEL DISPENSERS	
DIESEL PUMP CONTROLLER	
DIESEL FUEL MANAGEMENT SYSTEM	
P-1	
VALVE-1	
TANK PROBES AND SENSORS	
SUMP SENSORS	
DIESEL REMOTE OVERFILL ALARM	



GENERAL NOTES, REMOTE SHUT DOWN WIRING DIAGRAM

1. PROVIDE ALL REQUIRED CIRCUITING TO PROVIDE CIRCUIT DISCONNECT FOR ALL DISPENSER EQUIPMENT IN THE EVENT OF EMERGENCY SHUT-OFF SWITCH ACTIVATION.
2. PROVIDE MIN #12AWG AND MIN 3/4"C FOR ALL CIRCUITING.
3. INSTALL WARNING SIGN ON CONTACTOR PANEL "MORE THAN ONE SOURCE. DISCONNECT ALL POWER PRIOR TO SERVICING" OR SIMILAR.
4. INSTALL DISCONNECT SWITCHES AT HEIGHT BETWEEN 42-48" AFG.

REMOTE SHUT DOWN WIRING DIAGRAM

NOT TO SCALE

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS	

ONEIDA COUNTY
DEPARTMENT OF PUBLIC WORKS
ORISKANY FUEL STORAGE DISPENSING FACILITIES
**DIESEL FUELING STATION
ELECTRICAL ONE-LINE DIAGRAMS**
TOWN OF WHITESTOWN
ONEIDA COUNTY, NEW YORK

Barton & Loguidice
443 Electronics Parkway
Liverpool, NY 13088
NYS CERTIFICATE #
0021642, 0002088, 0019903,
0019905, 0003036



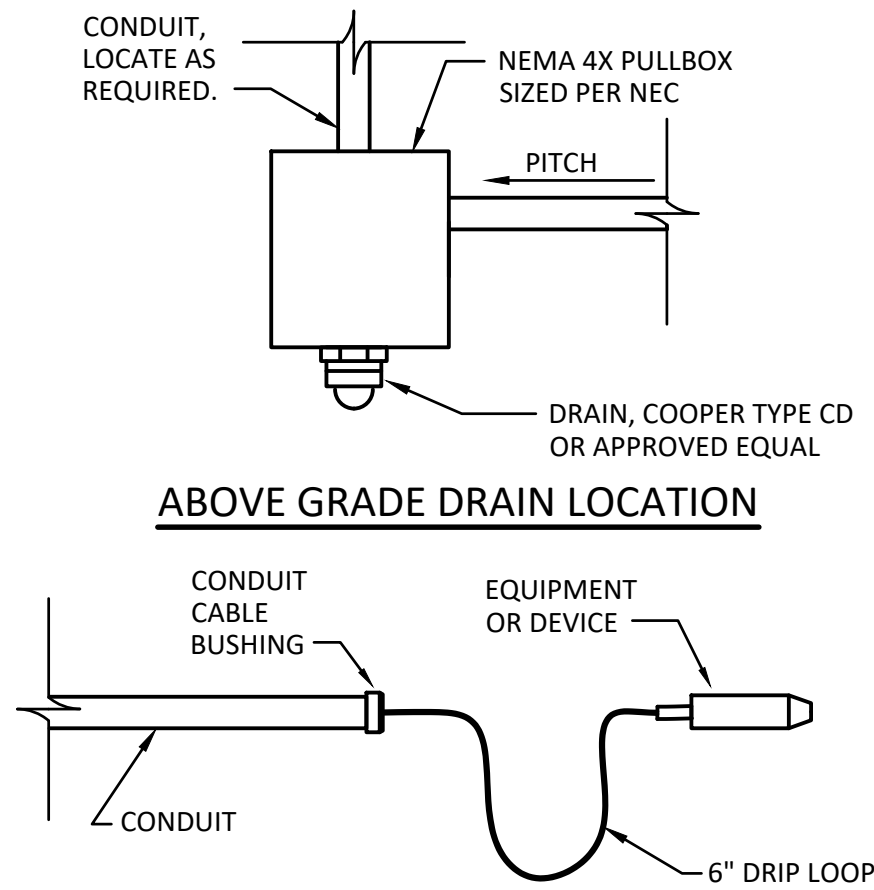
NYS EXP.: 08/31/2028

Date
AUGUST 4, 2026

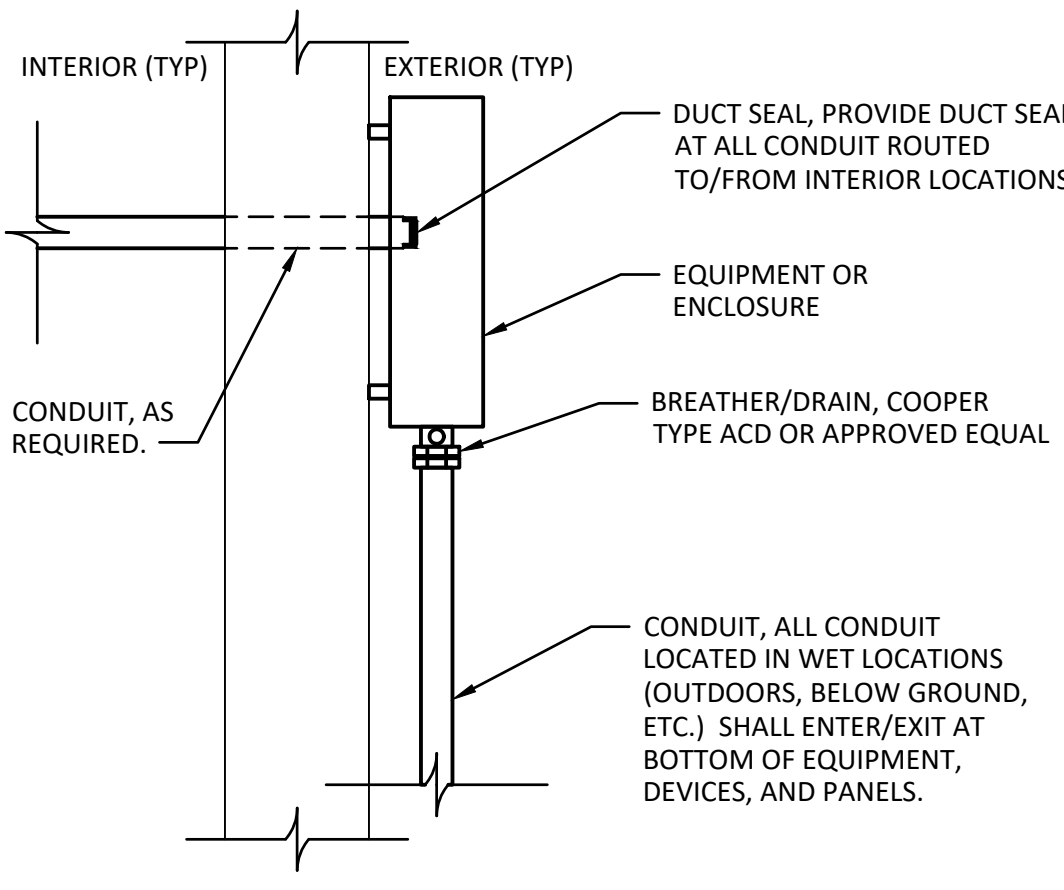
Scale
AS SHOWN

Sheet Number
E502

Project Number
197.064.001



CABLE CONNECTIONS

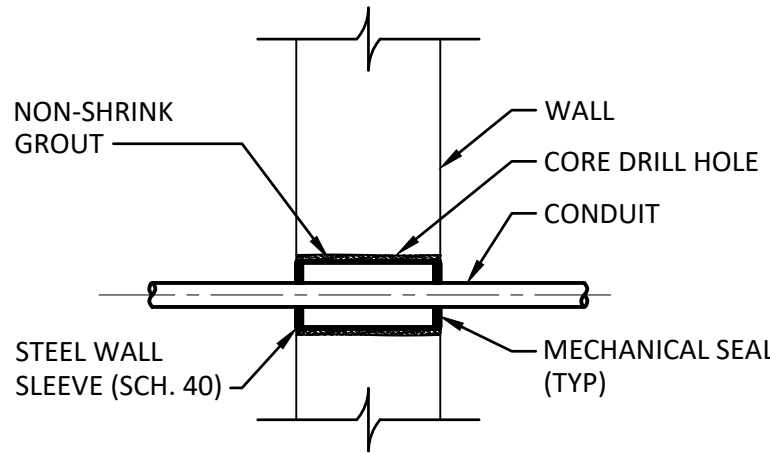


CONDUIT CONNECTIONS

- NOTES:**
- ALL CONDUIT SYSTEMS EXPOSED TO TEMPERATURE DIFFERENTIALS, IN POTENTIAL CONDENSING ATMOSPHERES, EXTERIOR INSTALLED, OR INSTALLED UNDERGROUND SHALL HAVE PROVISIONS FOR DRAINING WATER OUT OF CONDUIT SYSTEMS. PROVIDE DRAIN IN CONDUIT SYSTEMS AT LOW POINTS, LOW POINT SHALL NOT BE AT EQUIPMENT OR DEVICE. A BREATHER SHALL BE PROVIDED AT THE HIGH POINT OF THE SYSTEM.
 - PROVIDE ALL REQUIRED JUNCTION BOXES AT DRAIN POINTS.
 - CONDUIT DRAINS SHALL BE LOCATED AT EXTERIOR LOCATIONS. PROVIDE PVC PIPE TO EXTEND DRAIN SYSTEMS TO EXTERIOR LOCATIONS WHERE REQUIRED.
 - CONDUIT SYSTEMS PITCHED TOWARD HANDHOLES OR ELECTRICAL MANHOLES SHALL BE CONSIDERED TO HAVE PROVISIONS FOR DRAINING WATER.
 - EQUIPMENT SHOWN IS FOR UNCLASSIFIED LOCATIONS. PROVIDE EQUIPMENT RATED FOR THE CLASSIFICATION OF THE LOCATION.

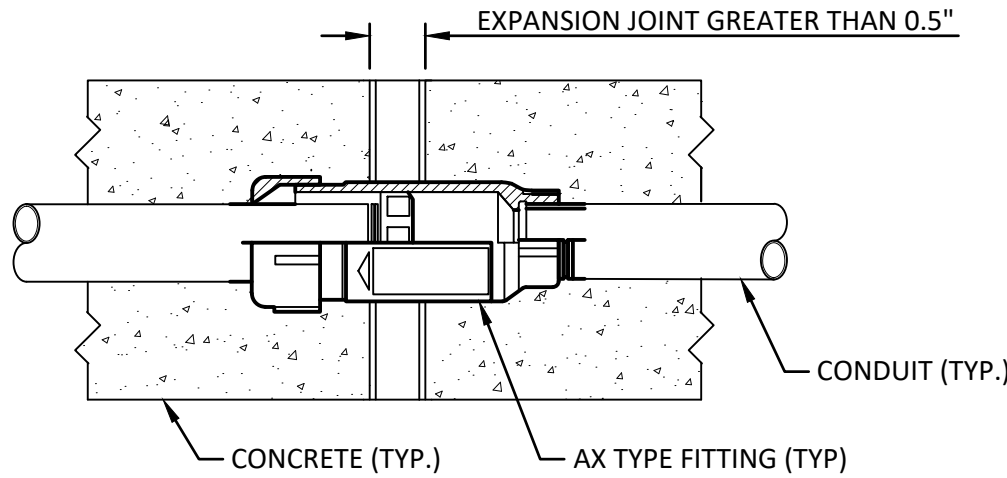
1 TYPICAL CONDUIT DRAIN AND BREATHER DETAILS

NOT TO SCALE



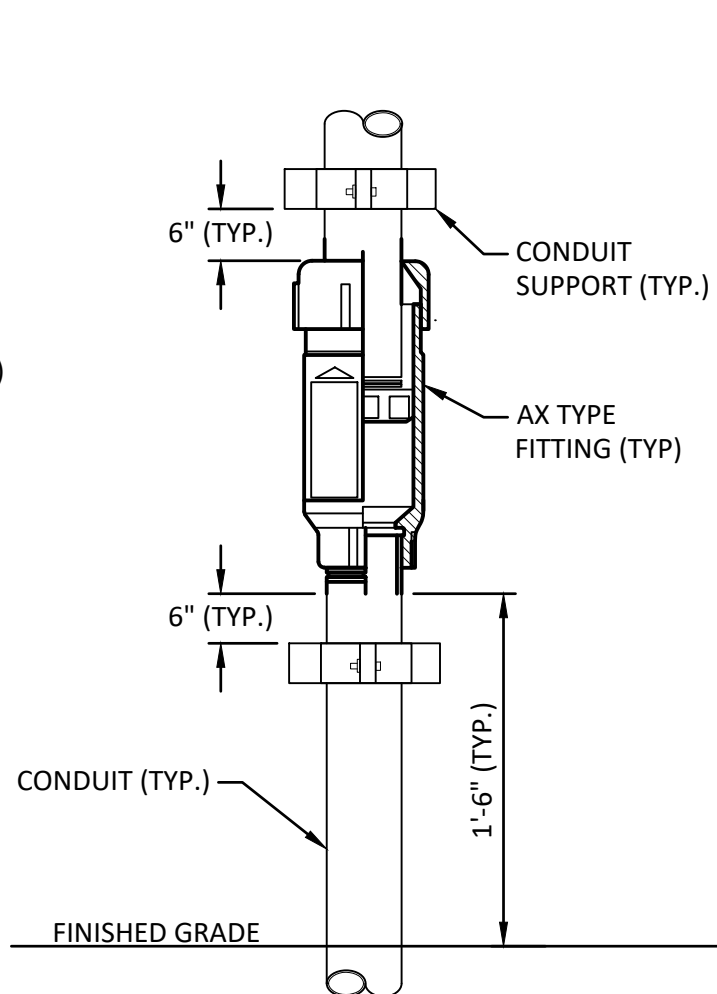
3 TYPICAL CMU, CIP, OR BRICK WALL CONDUIT PENETRATION

NOT TO SCALE

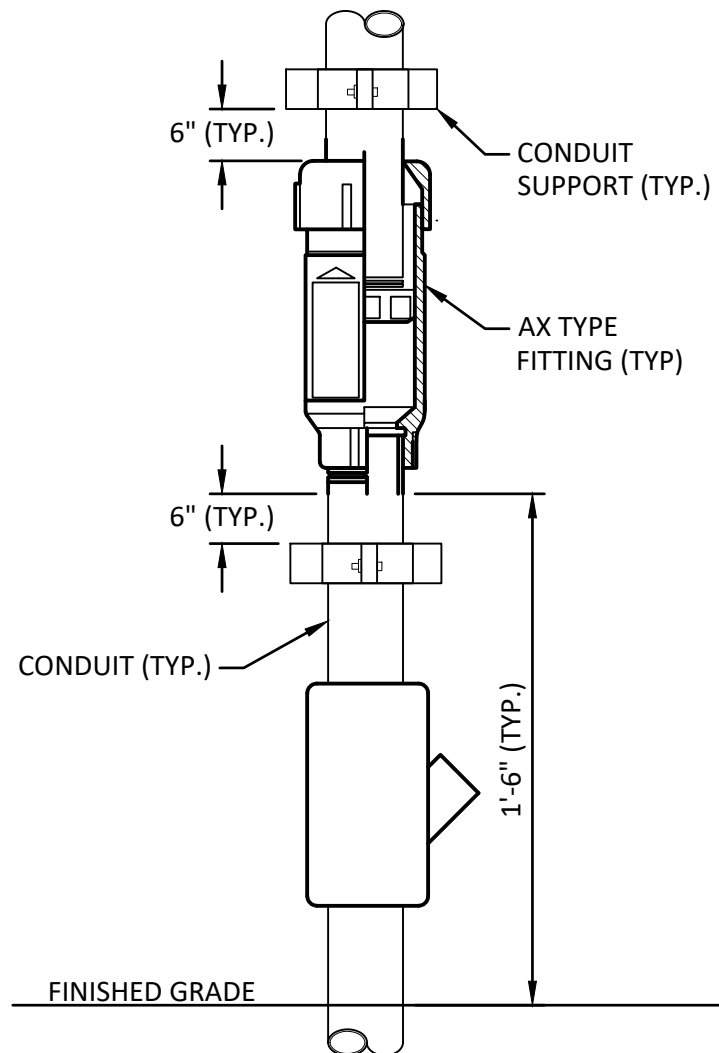


EXPANSION JOINT

- NOTES:**
- PROVIDE AN EXPANSION FITTING AT ALL EXPANSION JOINTS GREATER THAN 0.5\"
 - PROVIDE AN EXPANSION AT ALL RISERS FROM GRADE.
 - AX FITTING SHALL BE MODEL AX AS MANUFACTURED BY O-Z GEDNEY OR APPROVED EQUAL.
 - PROVIDE ALL REQUIRED BONDING JUMPERS, BOTH INTERNAL AND EXTERNAL.
 - NOT REQUIRED IN CLASSIFIED AREAS.
 - PROVIDE AFTER SEAL OFF AND UNION WHERE APPLICABLE.



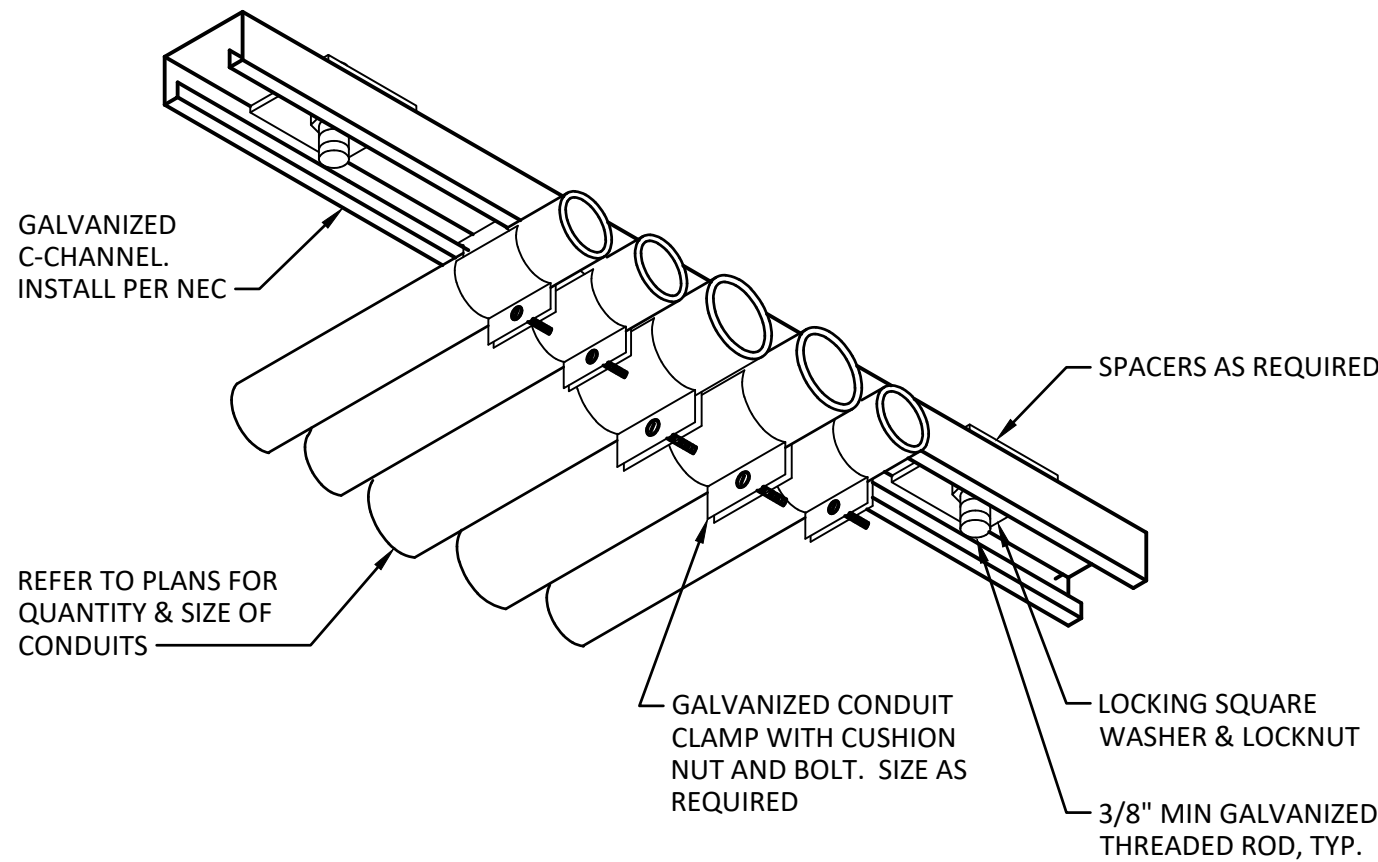
RISER FROM GRADE



RISER FROM GRADE WITH SEAL OFF

2 EXPANSION FITTING DETAIL

NOT TO SCALE



4 CONDUIT SUPPORT DETAIL

NOT TO SCALE

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS

ONEIDA COUNTY
DEPARTMENT OF PUBLIC WORKS
ORISKANY FUEL STORAGE DISPENSING FACILITIES
ELECTRICAL DETAILS
(SHEET 1 OF 2)

ONEIDA COUNTY, NEW YORK

TOWN OF WHITESTOWN

Barton & Loguidice
443 Electronics Parkway
Liverpool, NY 13088

NYS CERTIFICATE #
0021642, 0020588, 0019903,
0019905, 0020336



NYS EXP.: 08/31/2028

Date
AUGUST 4, 2026

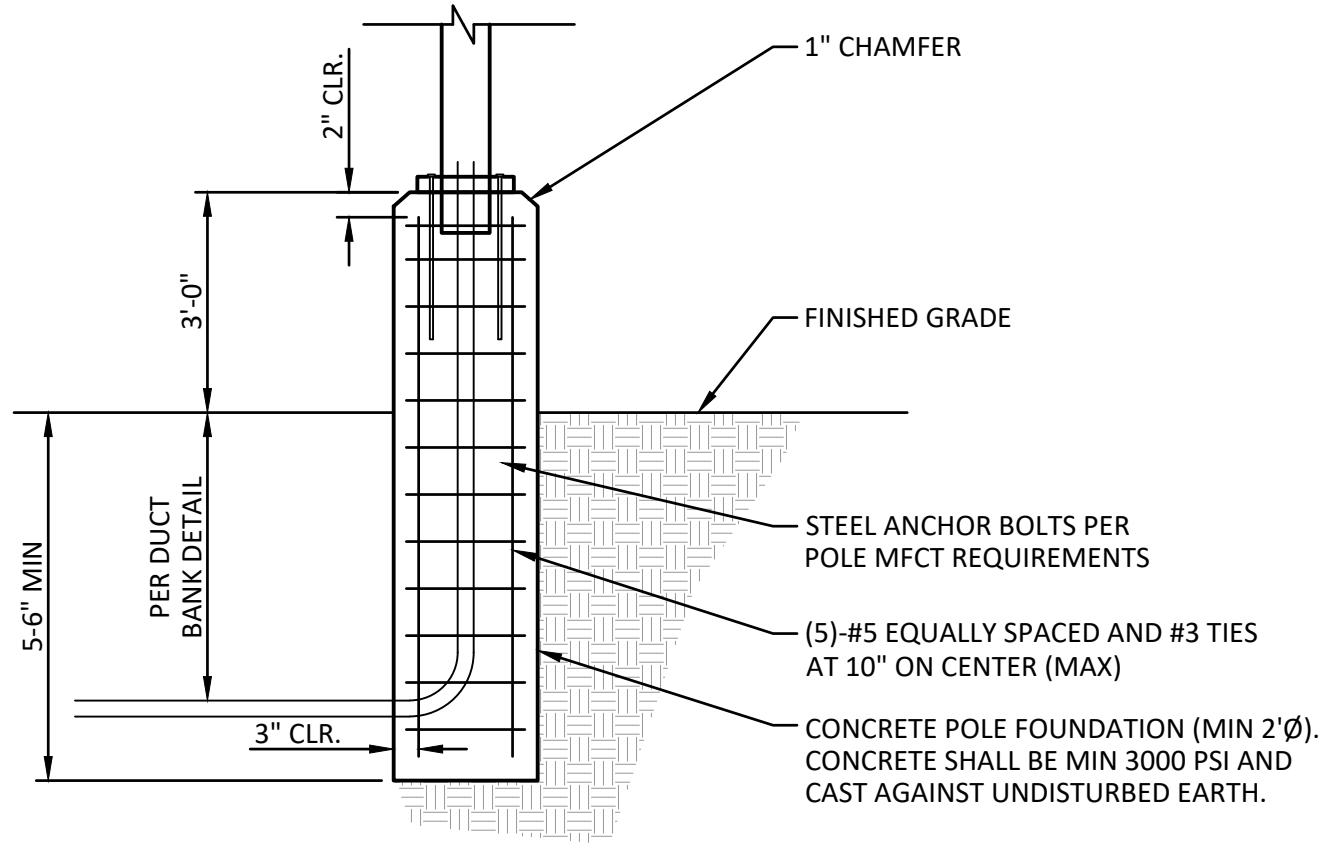
Scale
AS SHOWN

Sheet Number

E503

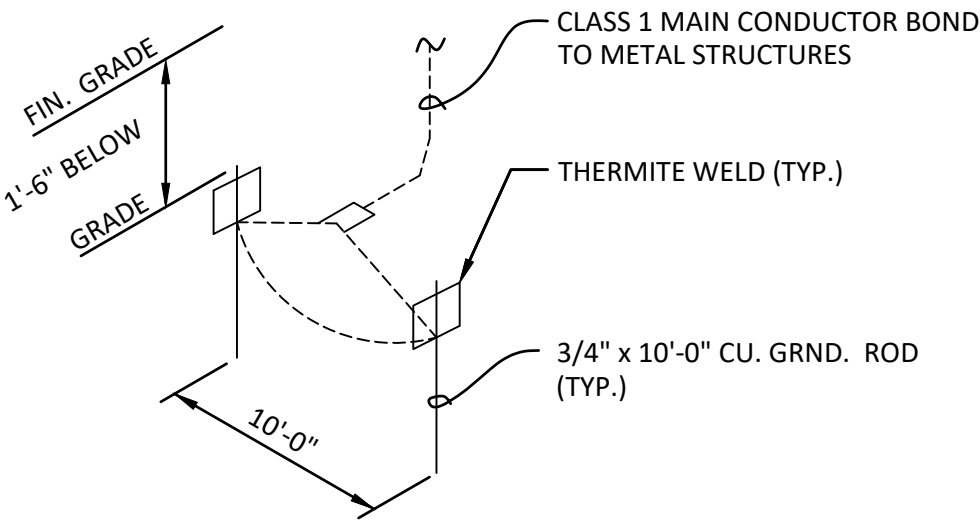
Project Number

197.064.001



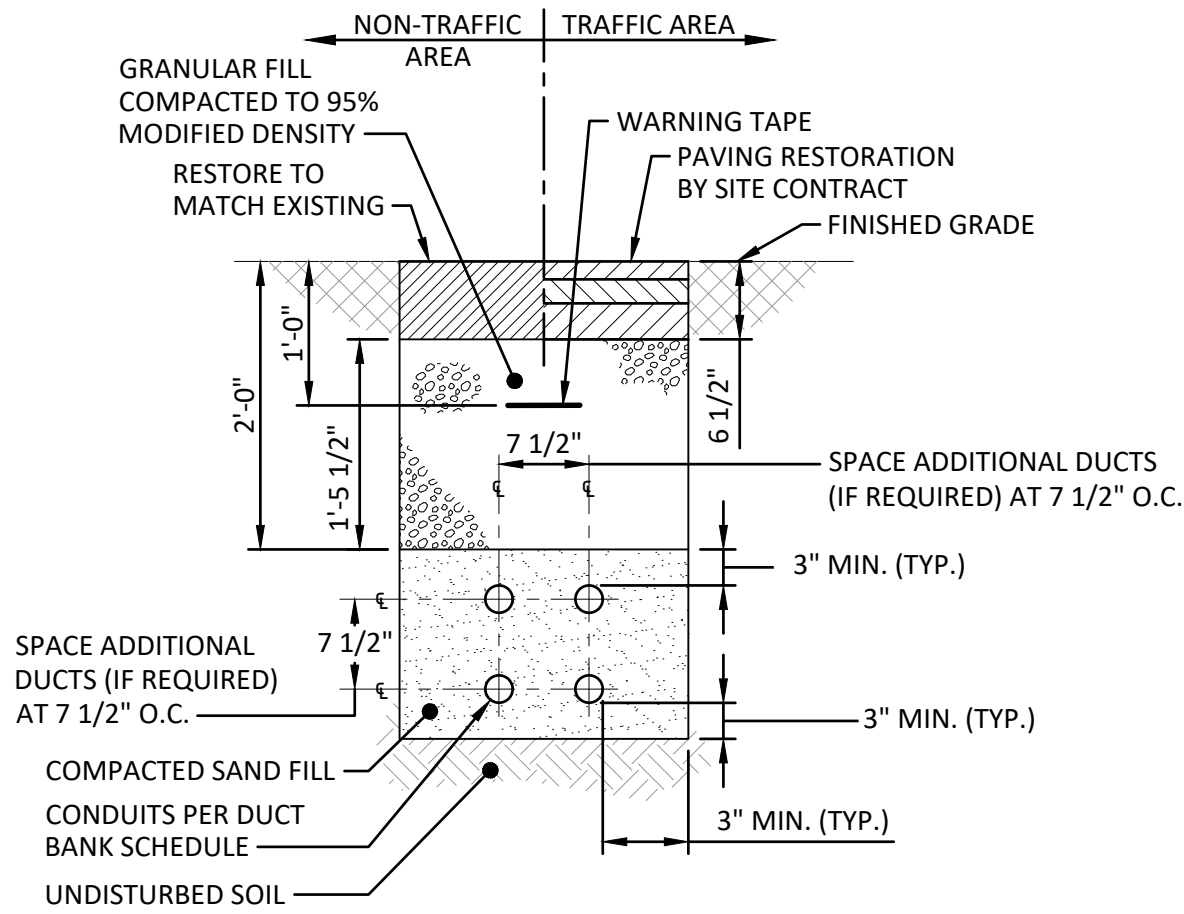
- NOTES:**
- COORDINATE INSTALLATION WITH PROVIDED POLE AND BASE.
 - PROVIDE AND INSTALL 3/4" DIAMETER BY 10' LONG GROUND ROD AT BASE OF LIGHT POLE. UTILIZE #1/0 COPPER GROUNDING CONDUCTOR TO GROUND LIGHT POLE.

1 LIGHT POLE BASE DETAIL
NOT TO SCALE

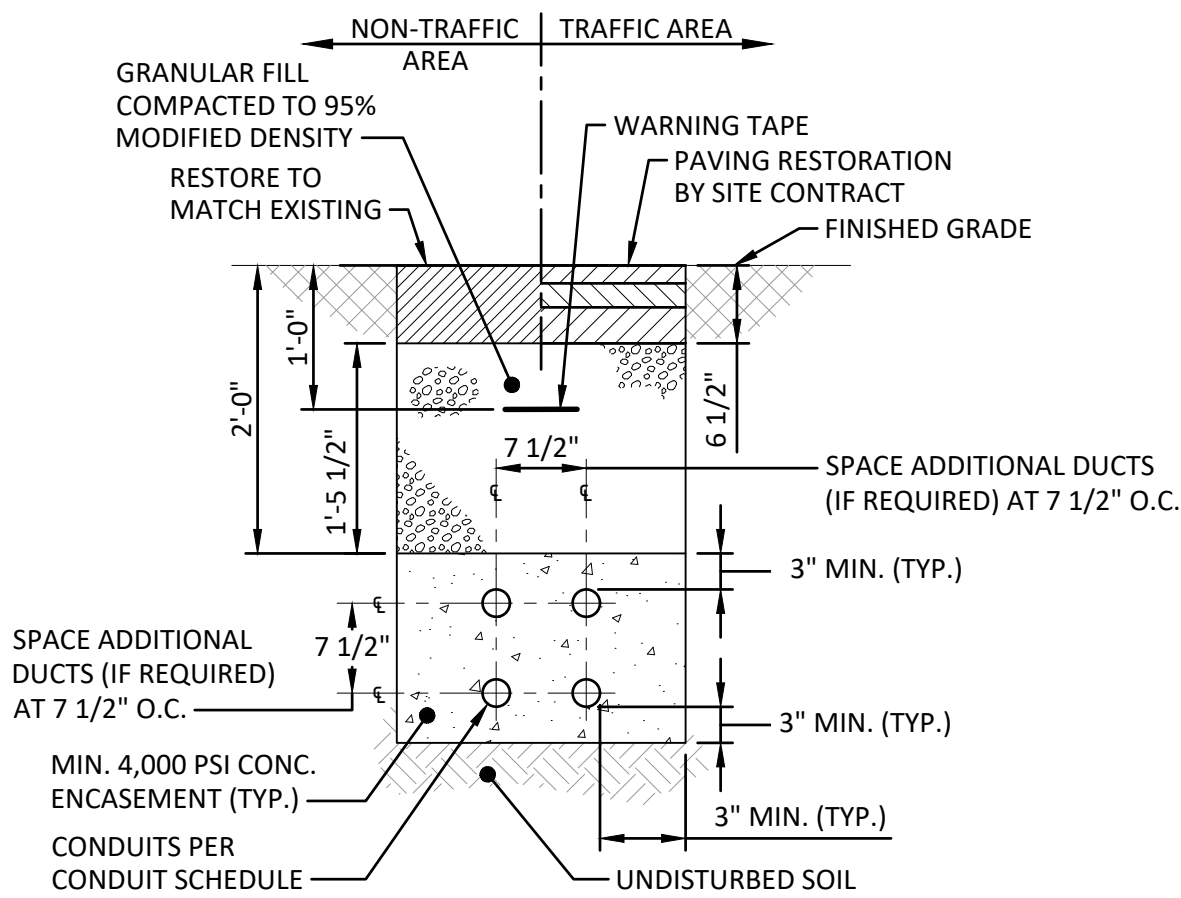


- NOTES:**
- PROVIDE AT ALL CANOPIES AND EACH TANK.
 - REFERENCE SPECIFICATION SECTION 260526.

2 TYPICAL LIGHTNING PROTECTION GROUND DETAIL
NOT TO SCALE



4 SAND FILL DUCT BANK DETAIL
NOT TO SCALE



5 CONCRETE DUCT BANK DETAIL
NOT TO SCALE

CIRCUIT SCHEDULE			
DESIGNATION	CONDUCTORS (SETS-QUANTITY#SIZE)	CONDUIT (SETS-DIAMETER)	REMARKS
1	(2)#10 & #10G	3/4"	
2	(2)#12 & #12G	3/4"	
3	CAT6	1"	
4	(1) BELDEN 88761	3/4"	
5	(1) BELDEN 83554	3/4"	
6	(1) BELDEN 88761 & (4) BELDEN 83554	1-1/2"	
7	(3)#6 & (1)#10G	1"	
8	(3)#8 & (1)#10G	3/4"	

CONDUIT SCHEDULE			
BUILDING OR AREA	AREA DESCRIPTION	CONDUIT TYPE	REMARKS
GENERAL (ALL AREAS)	BUILDING INTERIOR	EMT	
	EXTERIOR EXPOSED	RGS	
	RISERS FROM BELOW GRADE	RGS	
	IN SLAB/CONCRETE ENCASEMENT	SCHEDULE 40 PVC	
	SAND-FILL DUCT BANK	SCHEDULE 80 PVC	
CLASSIFIED AREAS	CLASS 1, DIVISION 1	RGS	
	CLASS 1, DIVISION 2	RGS	

- GENERAL NOTES, CONDUIT SCHEDULE**
- CONDUIT TYPES ARE UNLESS OTHERWISE INDICATED OR REQUIRED BY EQUIPMENT OR CABLE MANUFACTURERS. PROVIDE AS REQUIRED.

LIGHT FIXTURE SCHEDULE											
DESIGNATION	TYPE	MANUFACTURER	CATALOG NUMBER	LUMENS	LIGHT DISTRIBUTION	LIGHT COLOR	VOLTS	WATTS	INSTALLATION	FINISH / COLOR	REMARKS
LP-1	SITE LIGHT	HE WILLIAMS	VA 1-L110/740-T3-F-S-BLK-DIM-UNV	11,000	TYPE III	4000K	120	88	POLE MOUNT	BLACK	1

- GENERAL NOTES, LIGHT FIXTURE SCHEDULE**
- MODEL IS GIVEN FOR QUALITY ONLY. SUBSTITUTE LIGHT FIXTURES SHALL BE OF EQUAL OR GREATER QUALITY.
 - ALL FIXTURES TO BE PROVIDED WITH REQUIRED MOUNTING HARDWARE FOR INSTALLATION TYPE SHOWN.
- REMARKS**
- PROVIDE WITH 10' ALUMINUM POLE, SSA-100-0400-125-BLK. PROVIDE ALL MOUNTING HARDWARE AS REQUIRED.

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS

ONEIDA COUNTY
DEPARTMENT OF PUBLIC WORKS
ORISKANY FUEL STORAGE DISPENSING FACILITIES
ELECTRICAL DETAILS
(SHEET 2 OF 2)

Barton & Loguidice
443 Electronics Parkway
Liverpool, NY 13088
NYS CERTIFICATE #
0021642, 0020588, 0019903,
0019905, 0020336



NYS EXP.: 08/31/2028

Date
AUGUST 4, 2026

Scale
AS SHOWN

Sheet Number

E504

Project Number
197.064.001