

Plot Date: 4/25/2024 9:48 AM
 Filename: C:\2023\MINY-23001\46.00 PDI UNDERGROUND STORAGE TANK IPA SDA DRAWINGS\STRUCTURAL\S001 GENERAL NOTES.DWG
 Plotted By: SAM IBRAHEEM

GENERAL NOTES

- ALL STRUCTURAL ITEMS FOR THIS PROJECT HAVE BEEN DESIGNED IN ACCORDANCE WITH APPROPRIATE PROVISIONS OF EACH OF THE FOLLOWING:
 - BUILDING CODE: 2020 BUILDING CODE OF NEW YORK STATE.
 - STRUCTURAL STEEL: THE A.I.S.C. "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS ANSIAISC 360-16."
 - CONCRETE: A.C.I. "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE", ACI 318-14.
- IN ANY CASE OF CONFLICT BETWEEN THE NOTES, DETAILS, AND SPECIFICATIONS, THE MOST RIGID REQUIREMENTS SHALL GOVERN.
- DETAILS DESIGNATED AS "TYPICAL" APPLY TO ALL AREAS OF SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
- ALL WORK SHALL BE COORDINATED WITH ELECTRICAL AND MECHANICAL DRAWINGS. CONFLICTS IN DIMENSION AND INTERFERENCE SHALL BE DIRECTED TO NICE PAK PRIOR TO CONSTRUCTION OF WORK.
- MECHANICAL/PLUMBING/ELECTRICAL OPENINGS SHALL BE COORDINATED BY CONTRACTOR. FINAL SIZES AND LOCATIONS TO BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL.
- CONTRACTOR IS RESPONSIBLE FOR AND SHALL VERIFY AND COORDINATE ALL DIMENSIONS, DETAILS, AND EXISTING CONDITIONS BEFORE PROCEEDING WITH WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE STRUCTURAL ENGINEER.
- CONTRACTOR SHALL FULLY BRACE AND OTHERWISE PROTECT ALL WORK IN PROGRESS UNTIL THE STRUCTURE IS COMPLETED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS, APPROVALS, AS WELL AS THEIR ASSOCIATED FEES, FOR ALL TRADES, EXCEPT WHERE SPECIFIED AND AGREED UPON ELSEWHERE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING WITH CLIENT'S REPRESENTATIVE FOR RIGGING AND HOISTING FACILITIES FOR HANDLING MATERIALS AND REMOVAL OF DEBRIS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CLIENT FOR THE ACTS AND OMISSIONS OF ALL THEIR EMPLOYEES AND ALL SUBCONTRACTORS, THEIR AGENTS AND EMPLOYEES, AND ALL OTHER PERSONS PERFORMING ANY OF THE WORK FOR THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE INCURRED ANYWHERE WITHIN THE BOUNDARIES OF THE PROPERTY, AND ANY DAMAGE SHALL BE PROMPTLY REPAIRED TO ORIGINAL CONDITION TO THE SATISFACTION OF THE CLIENT'S REPRESENTATIVE AND/OR EOR AT NO COST TO THE CLIENT.
- WHEN OPEN FLAME OR SPARK-PRODUCING TOOLS AND EQUIPMENT SUCH AS WELDING RODS ARE BEING USED, THE CONTRACTOR SHALL PROVIDE FIRE GUARDS TO MAINTAIN A FIRE WATCH OVER THE OPERATION OF THESE ITEMS AT ALL TIMES DURING THE USE AND UNTIL ALL MATERIALS HAVE COOLED SUFFICIENTLY TO NO LONGER CONSTITUTE A FIRE HAZARD.
- THE STRUCTURAL ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCE OR PROCEDURES OF FOR THE SAFETY PRECAUTIONS AND PROGRAMS. THESE ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
- SUBMIT SHOP DRAWINGS, PRODUCT DATA FOR APPROVAL PRIOR TO PURCHASE AND FABRICATION OF MATERIALS AND COMPONENTS. REPRODUCTION OF CONTRACT DRAWINGS TO BE USED AS SHOP DRAWINGS IS NOT PERMITTED.
- THE WORK SHALL BE IN ACCORDANCE WITH APPROVED SUBMITTALS EXCEPT THAT THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECT'S APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES, OR SIMILAR SUBMITTALS, UNLESS THE CONTRACTOR HAS SPECIFICALLY NOTIFIED THE ARCHITECT OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND (1) THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION AS A MINOR CHANGE WORK, OR (2) A CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE HAS BEEN ISSUED AUTHORIZING THE DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES, OR SIMILAR SUBMITTALS, BY THE ARCHITECT'S APPROVAL THEREOF.

EXISTING SOIL CONDITIONS

EXISTING SOIL CONDITIONS FROM TEST PITS PERFORMED BY RND SERVICES ON MARCH 1, 2006 FOR LOCATION SEE PLAN S-101.

TEST PIT NO. 1

0 TO 6 FEET	IMPORTED FILL MATERIAL, TOPSOIL MIXED WITH BANKRUN MATERIAL
6 TO 19 FEET	DENSE RED CLAY

NOTE:
 AT 15'-0" CLAY WAS FOUND TO BE MOIST, AT 17 FEET CLAY WAS SATURATED. EXCAVATION WAS LEFT OPEN FOR 30 MINUTES - NO WATER COLLECTION WAS NOTED IN PIT. CLAY WAS EXTREMELY UNSTABLE, COLLAPSING IN LARGE SECTIONS.

TEST PIT NO. 2

0 TO 4 FEET	IMPORTED FILL MATERIAL, TOPSOIL MIXED WITH BANKRUN MATERIAL
4 TO 8 FEET	SAND MIXED WITH SILT
8 TO 12 FEET	SANDY CLAY
12 TO 18 FEET	CLAY

1. NOTE: AT 12 FEET CLAY WAS FOUND TO BE MOIST, AT 14 FEET CLAY WAS SATURATED. EXCAVATION WAS LEFT OPEN FOR 30 MINUTES - WATER COLLECTED. CLAY WAS EXTREMELY UNSTABLE AND ALLOWED LARGE SECTIONS OF SANDY OVERBURDEN TO COLLAPSE INTO EXCAVATION.

BACKFILL MATERIAL

- UNDERGROUND TANK BACKFILL MATERIAL: BOTH PRIMARY AND SECONDARY BACKFILL MATERIAL IS TO BE CLEAN, FREE-FLOWING, AND FREE OF DIRT, SAND, LARGE ROCKS, ROOTS, ORGANIC MATERIALS, DEBRIS, ICE AND SNOW. NO BACKFILL MATERIAL SHALL BE FROZEN OR CONTAIN LUMPS OF FROZEN MATERIAL ANY TIME DURING COMPACTION OR PLACEMENT.
- PRIMARY BACKFILL: USE COARSE AGGREGATE 1/8" TO 3/4" ROUNDED STONES OR 1/8" TO 1/2" CRUSHED STONES AS PRIMARY BACKFILL MATERIAL. PRIMARY BACKFILL MATERIAL SHOULD BE A MIX OF WELL-GRADED STONES, GENERALLY CONFORMING TO THE 6, 67, 7 AND 8 SIZES OF ASTM F3 C33. NO MORE THAN 5% OF THIS MATERIAL CAN BE SMALL ENOUGH TO PASS THROUGH THE #8 SIEVE. DO NOT USE MATERIALS LIKE SOFT LIMESTONE, SANDSTONE, SEA SHELLS OR SHALE THAT BREAK DOWN OVER TIME.
- SECONDARY BACKFILL (USED IN SPLIT BACKFILL INSTALLATIONS) EXAMPLES OF ACCEPTABLE SECONDARY BACKFILL MATERIAL ARE:
 - CLEAN NATIVE BACKFILL
 - COARSE SAND
 - GRAVEL
 SECONDARY BACKFILL MUST BE COMPACT TO ACHIEVE A MINIMUM OF 85% STANDARD PROCTOR DENSITY. 100% OF SECONDARY BACKFILL MATERIAL MUST PASS THROUGH A 1-INCH SIEVE.
- SECONDARY MATERIAL MUST BE INSTALLED IN 12-INCH [30-CM] TO 24- INCH LIFTS COMPATIBLE WITH THE COMPACTION EQUIPMENT USED. WHEN USING SECONDARY BACKFILL, CONSIDER POTENTIAL FROST-RELATED PROBLEMS TO AVOID FROST HEAVE.
- REQUIREMENTS OF THE PIPING, SURFACE SLAB OR ROADWAY USED MAY DETERMINE SPECIFICATIONS FOR SECONDARY BACKFILL MATERIAL AND COMPACTION ABOVE THE FILTER-FABRIC LAYER.
- REFER TO APPLICABLE CODES OR STANDARDS FOR BASE COURSE AND SUB-BASE COURSE MATERIAL AND COMPACTION REQUIREMENTS.
- PIPE BEDDING SHALL CONSIST OF CLEAN SAND OR SANDY SOIL WITH 100% PASSING A 3/8" SIEVE AND LESS THAN 10% PASSING A 200 SIEVE. THE BEDDING SHALL BE PLACED IN LIFTS NOT EXCEEDING 6" AND COMPACTED TO A MINIMUM OF 90% OF OPTIMUM DRY DENSITY AS MEASURED BY A MODIFIED PROCTOR DENSITY TEST IN ACCORDANCE WITH ASTM-1557-78.
- PAVEMENT SUBGRADE
 - A GRAVEL: THE MATERIAL IS TO BE A MIX OF ROUNDED PARTICLES, SIZES BETWEEN 1/8" AND 3/4 INCH. THE GRAVEL MUST CONFORM TO THE SPECIFICATIONS OF ASTM C-33, PARAGRAPH 9.1 SIZES 6, 67 OR 7. NO MORE THAN 5% (BY WEIGHT) OF THE BACKFILL MAY PASS THROUGH A #8 SIEVE. THE MATERIAL IS TO BE WASHED, FREE-FLOWING AND FREE OF ICE, SNOW, AND DEBRIS.

BACKFILLING NOTES

- DO NOT PLACE ASPHALT WHEN AMBIENT AIR OR BASE SURFACE TEMPERATURE IS LESS THAN 40 DEGREES F OR SURFACE IS WET OR FROZEN.
- BINDER COURSE: 4.5 TO 6 PERCENT OF ASPHALT CEMENT BY WEIGHT IN MIXTURE IN ACCORDANCE WITH STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION STANDARDS.
- WEARING COURSES TO 7 PERCENT OF ASPHALT CEMENT BY WEIGHT IN MIXTURE IN ACCORDANCE WITH STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION STANDARDS.
- SUBMIT PROPOSED MIX DESIGN FOR REVIEW PRIOR TO BEGINNING OF WORK.
- PREPARE SUBBASE IN ACCORDANCE WITH STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION STANDARDS.
- VERIFY COMPACTED SUBGRADE IS DRY AND READY TO SUPPORT PAVING AND IMPOSED LOADS.
- PLACE ASPHALT BINDER COURSE WITHIN 24HOURS OF APPLYING PRIMER OR TACK COAT.
- PLACE BINDER COURSE TO 1-1/2 INCH COMPACTED THICKNESS.
- PLACE WEARING COURSE WITHIN 24 HOURS OF PLACING AND COMPACTING BINDER COURSE. WHEN BINDER COURSE IS PLACED MORE THAN 24 HOURS BEFORE PLACING WEARING COURSE, CLEAN SURFACE AND APPLY TACK COAT BEFORE PLACING WEARING COURSE.
- PLACE WEARING COURSE TO 1-1/2 INCH COMPACTED THICKNESS.
- COMPACT EACH COURSE BY ROLLING TO SPECIFIED DENSITY. DO NOT DISPLACE OR EXTRUDE PAVEMENT FROM POSITION. HAND COMPACT IN AREAS INACCESSIBLE TO ROLLING EQUIPMENT. PERFORM ROLLING WITH CONSECUTIVE PASSES TO ACHIEVE EVEN AND SMOOTH FINISH, WITHOUT ROLLER MARKS.
- FLATNESS: MAXIMUM VARIATION OF 1/4 INCH MEASURED WITH 10 FOOT STRAIGHT EDGE.
- SCHEDULED COMPACTED THICKNESS: WITHIN 1/4 INCH.
- VARIATION FROM INDICATED ELEVATION: WITHIN 1/2 INCH.
- IMMEDIATELY AFTER PLACEMENT, PROTECT PAVEMENT FROM MECHANICAL INJURY FOR 24 HOURS OR UNTIL SURFACE TEMPERATURE IS LESS THAN 140 DEGREES F.

STEEL CONSTRUCTION NOTES

- ALL STRUCTURAL STEEL WORK SHALL BE FABRICATED AND ERRECTED IN ACCORDANCE WITH THE LATEST AISC CODE OF STANDARD PRACTICE. STRUCTURAL STEEL SHALL BE NEW, CLEAN, AND STRAIGHT, AND SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
 - WIDE FLANGE ROLLED SHAPES: ASTM A992, GRADE 50 (Fy = 50 KSI).
 - PLATES, ANGLES, BARS, CHANNELS, AND S SHAPES: ASTM A36 (Fy = 36 KSI).
 - RECTANGULAR HSS: ASTM A500, GRADE B (Fy = 46 KSI).
 - ROUND HSS: ASTM A500, GRADE B (Fy = 42 KSI).
 - PIPE: ASTM A53, TYPE E OF S, GRADE B (Fy = 35 KSI).
- ALL ANCHOR RODS, UNLESS OTHERWISE NOTED, SHALL BE ASTM F1554, GRADE 36.
- ALL BOLTED CONNECTIONS, UNLESS OTHERWISE NOTED, SHALL BE 3/4"Ø A325 HIGH STRENGTH BOLTS, IN BEARING TYPE CONNECTIONS AND SHALL BE PROVIDED WITH HARDENED WASHERS UNDER THE TURNED ELEMENT (NUT OR BOLT THREAD).
- ALL STRUCTURAL STEEL SHALL BE PAINTED WITH ONE COAT OF SHOP PRIMER. THE EXCEPTIONS INCLUDE WHERE FIELD WELDING OR SLIP CRITICAL BOLTING IS TO BE DONE, WHERE STEEL IS TO RECEIVE SPRAY-ON FIREPROOFING, WHERE STEEL IS TO BE EMBEDDED IN CONCRETE, AND WHERE STEEL IS TO BE HOT-DIPPED GALVANIZED.
- STRUCTURAL STEEL EXPOSED TO WEATHER, EXCESSIVE MOISTURE, OR CORROSIVE ENVIRONMENT AND AS INDICATED ON CONSTRUCTION DOCUMENTS, SHALL BE HOT-DIPPED GALVANIZED, MEETING REQUIREMENTS OF ASTM A123 AND A153 AS APPLICABLE.
- CONNECTIONS MAY BE WELDED OR HIGH STRENGTH BOLTED. ALL CONNECTIONS SHALL CONFORM TO THE TYPICAL CONNECTION DETAILS SHOWN ON THE DRAWINGS.
- INSTALLATION AND TIGHTENING OF ALL HIGH STRENGTH BOLTS SHALL CONFORM TO THE AISC "SPECIFICATION FOR THE STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS."
- ALL WELDING SHALL CONFORM TO THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE - STEEL (AWS D1.1) AND SHALL BE DONE BY A W.S. QUALIFIED WELDERS USING E70XX ELECTRODES.
- ALL CONTACT SURFACES WITHIN HIGH STRENGTH BOLTED CONNECTIONS AND WELDING AREAS SHALL BE FREE OF OIL, PAINT, AND LACQUER.
- ALL EXPOSED EDGES OF PLATES, BEAMS, ETC. SHALL BE SHOP GROUND SMOOTH AND UNIFORM.
- THE CONTRACTOR SHALL COORDINATE THE SIZE AND LOCATION OF ALL ROOF OPENINGS SHOWN ON THE STRUCTURAL ARCHITECTURAL AND/OR MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS. ANY STEEL WHICH IS NOT SHOWN ON THE CONTRACT DRAWINGS AS FURNISHED BY THE STRUCTURAL STEEL CONTRACTOR AND WHICH IS REQUIRED BY THE MECHANICAL, PLUMBING, AND ELECTRICAL TRADES FOR OPENINGS AND/OR TO SUPPORT THEIR WORK SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR REQUIRING SUCH STEEL, UNLESS OTHERWISE NOTED.
- CUTS, HOLES, COPING, ETC. REQUIRED IN STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES SHALL BE SHOWN ON THE STRUCTURAL STEEL SHOP DRAWINGS AND BE MADE IN THE SHOP. HOLES SHALL BE REINFORCED AND APPROVED BY THE STRUCTURAL ENGINEER.
- BURNING OF HOLES, CUTS, ETC. IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE PERMITTED, EXCEPT WITH THE SPECIFIC WRITTEN PERMISSION OF THE ENGINEER.
- FOR MISCELLANEOUS STEEL, SEE ARCHITECTURAL DRAWINGS.
- SUBMIT ALL STRUCTURAL STEEL SHOP DRAWINGS FOR REVIEW PRIOR TO ANY FABRICATION.
- ALL CONNECTIONS, BOTH FIELD AND SHOP, ARE SUBJECT TO SPECIAL INSPECTIONS.

CONCRETE CONSTRUCTION NOTES

- 28-DAY COMPRESSIVE STRENGTH FOR CONCRETE PAVEMENT AND SLAB SHALL BE 4000 PSI & SHALL POSSESS A MAXIMUM WATER CEMENT RATIO OF 0.5.
- MAXIMUM CONCRETE SLUMP SHALL BE 4".
- ALL EXPOSED CONCRETE SHALL BE AIR ENTRAINED, 5% TO 7% BY VOLUME.
- ALL CONCRETE SHALL BE MIXED, TRANSPORTED AND PLACED IN ACCORDANCE WITH ACI STANDARDS 318 AND 304.
- ALL REINFORCING STEEL SHALL BE DEFORMED BARS OF HIGH STRENGTH BILLET STEEL ASTM A615, GRADE 60 (60,000 PSI MIN Fy).
- ALL BARS MARKED CONTINUOUS SHALL BE LAPPED AT LEAST 36 DIAMETERS AT SPLICES AND CORNERS, EXCEPT AS OTHERWISE SHOWN OR REQUIRED.
- OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL. GENERAL CONTRACTOR SHALL PREPARE AND SUBMIT A COMPOSITE DRAWINGS SHOWING ALL SLAB PENETRATIONS.
- NO CALCIUM CHLORIDE ADMIXTURES ARE PERMITTED, WHEREVER POSSIBLE. SPLICES OF MILD STEEL SHALL BE MADE IN A COMPRESSION AREA. NO MORE THAN 50% OF BARS (ALTERNATED) SHALL BE SPLICED IN A TENSION AREA.
- SLAB SHALL BE CURED BY A WET CURE METHOD USING BURLAP CLOTH MADE FROM JUTE OR KENAF WEIGHING AT LEAST 10 OZ. PER SQUARE YARD COMPLYING WITH AASHTO M182 CLASS 3 OR BY USE OF MOISTURE RETAINING COVER SUCH AS WATERPROOF PAPER, POLYETHYLENE FILM OR WHITE BURLAP POLYETHYLENE SHEET COMPLYING WITH ASTM C-171. CONCRETE SHALL BE KEPT ABOVE 50 DEGREES FAHRENHEIT AND IN A MOIST CONDITION FOR AT LEAST 7 DAYS.
- SLAB SHALL RECEIVE A NON-SLIP BROOM FINISH.
- GENERAL CONTRACTOR SHALL OBTAIN MASONRY TEMPLATE AND 3/4"Ø GALV. ANCHOR BOLTS FROM LIGHTING POLE MFR.(RUDD LIGHTING, PD SERIES, CROWN-WELD POLE), ANCHOR BOLT MIN. EMB.=9". INSTALL ANCHORS AND 3/4" RGS CONDUITS BEFORE CASTING CONCRETE.

DESIGN LOADS

- SEE PLANS FOR FLOOR AND ROOF DEAD AND LIVE LOADS
- SNOW LOADS:

GROUND SNOW LOAD, Pg = 30 PSF
 FLAT ROOF SNOW LOAD, Pf = 23 PSF *
 MINIMUM SNOW LOAD USED FOR DESIGN = 23.1 PSF
 SNOW EXPOSURE FACTOR, Ce = 1
 SNOW LOAD IMPORTANCE FACTOR, I = 1.1
 THERMAL FACTOR, Ct = 1

* FLAT ROOF SNOW LOAD TO BE ADJUSTED PER CODE FOR DRIFT, SLIDING, UNBALANCED LOADING, ETC.

- WIND LOADS:

BASIC WIND SPEED, Vult = 123 MPH
 Vasd = 95.4 MPH
 RISK CATEGORY III
 WIND EXPOSURE B

- SEISMIC LOADS:

SEISMIC RISK CATEGORY III
 SEISMIC IMPORTANCE FACTOR, I = 1.25
 MAPPED SPECTRAL RESPONSE ACCELERATIONS:
 Ss = 0.299g
 S1 = 0.062g
 SITE CLASS
 SPECTRAL RESPONSE COEFFICIENTS:
 Sds = 0.311g
 S1s = 0.099g
 SEISMIC DESIGN CATEGORY B



Greenman-Pedersen, Inc.
 2 Executive Boulevard, Suite 202
 Suffern, NY 10901

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 TWO NICE-PAK PARK
 ORANGEBURG, NY 10962

LPD STORAGE CAPACITY UPGRADE

TWO NICE-PAK PARK,
 ORANGEBURG, NY 10962

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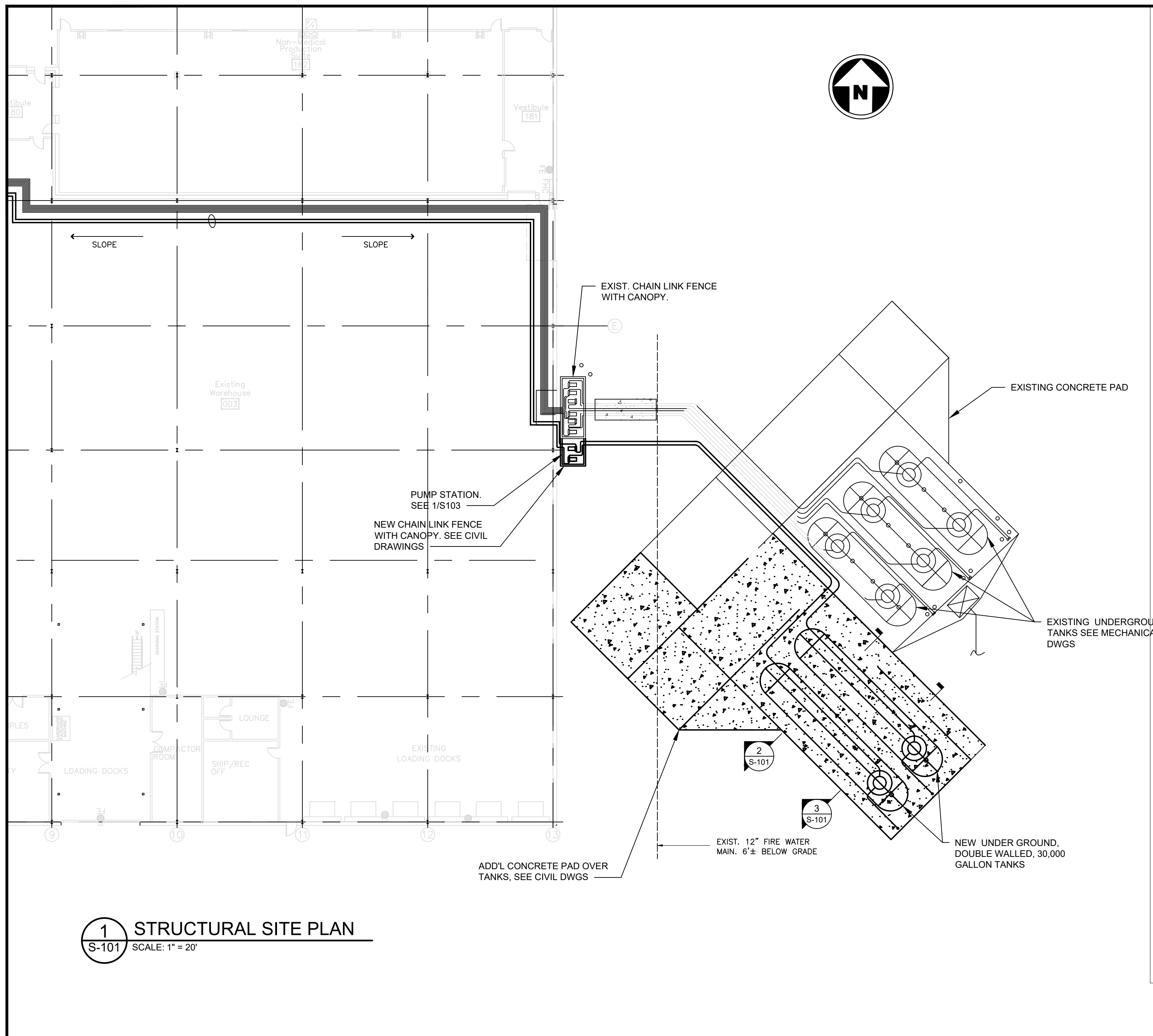
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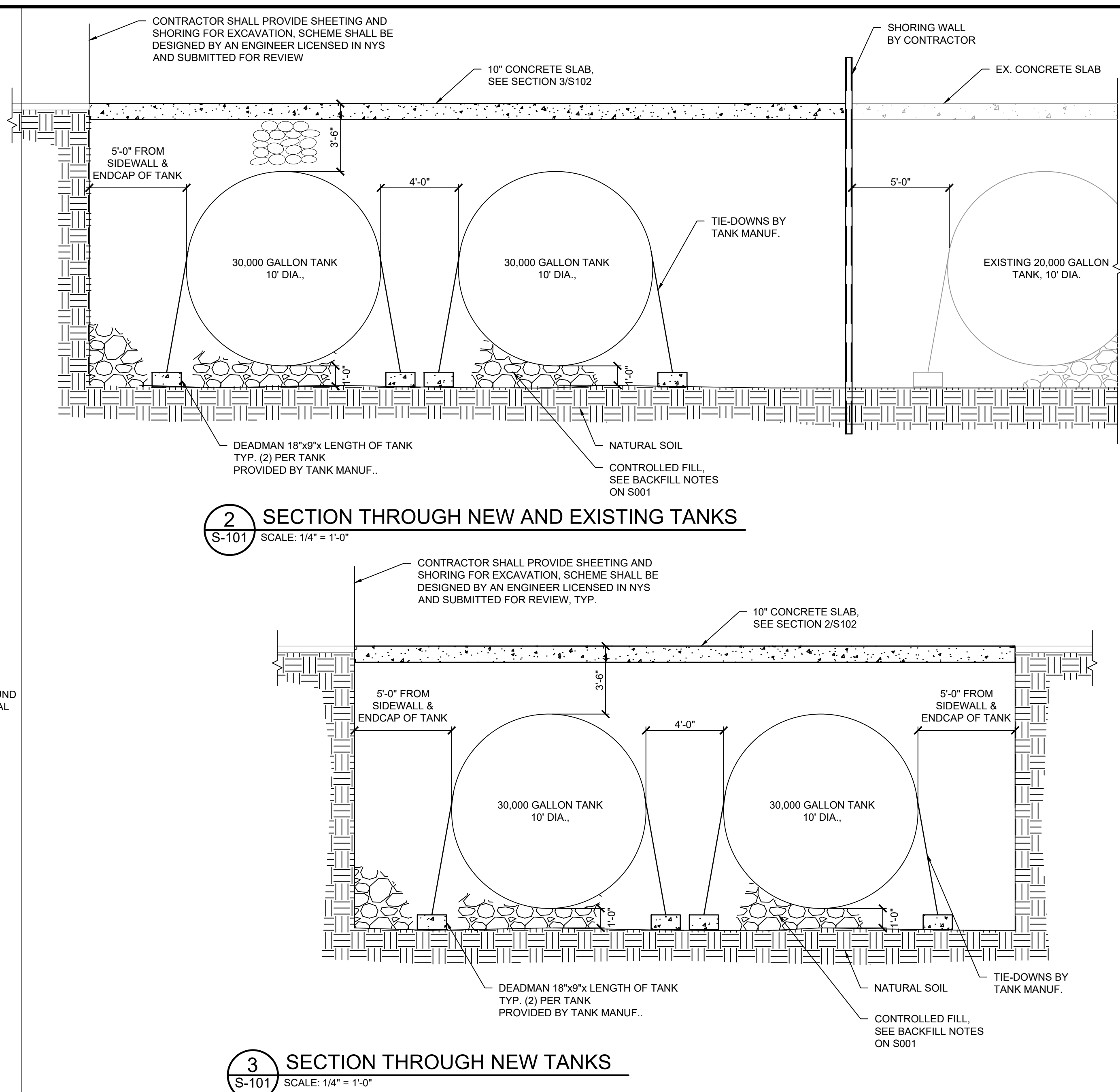
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SHEET 16 OF 3

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1 STRUCTURAL SITE PLAN
 S-101 SCALE: 1" = 20'



2 SECTION THROUGH NEW AND EXISTING TANKS
 S-101 SCALE: 1/4" = 1'-0"

3 SECTION THROUGH NEW TANKS
 S-101 SCALE: 1/4" = 1'-0"

GPI Engineering Design Construction Management
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 Suffern, NY 10901

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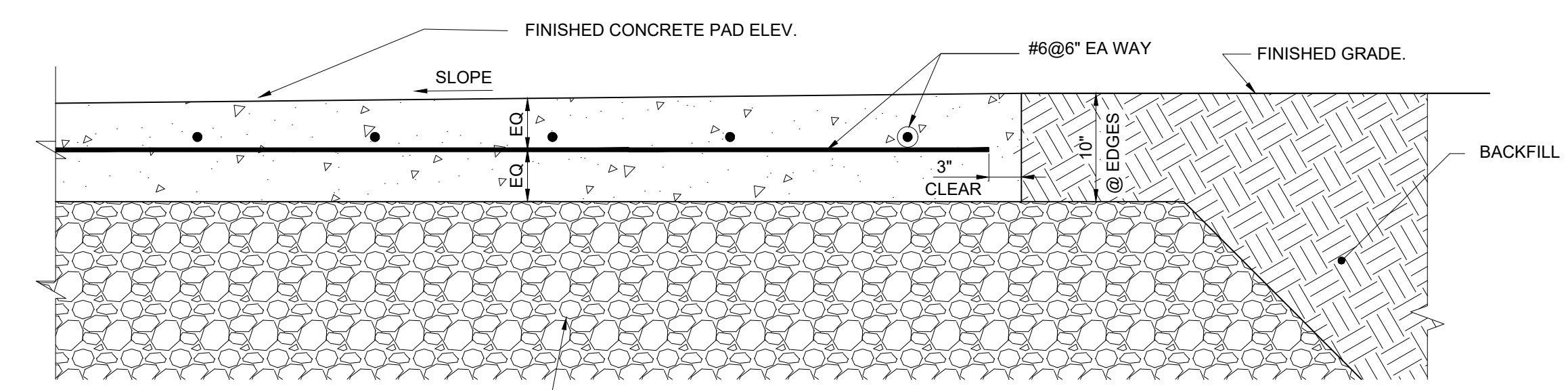
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STRUCTURAL SITE PLAN
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S101
 SHEET 17 OF 3

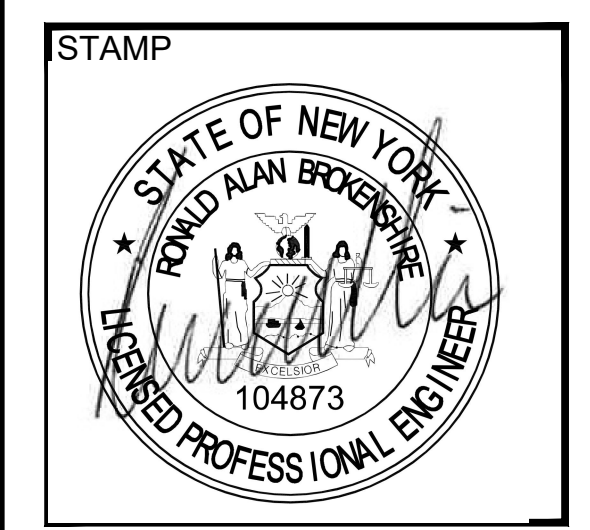
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1 PLAN OF CONCRETE SLAB OVER U.S.T. AND CONCRETE APRON
 S-102 SCALE: 1/8" = 1' - 0"



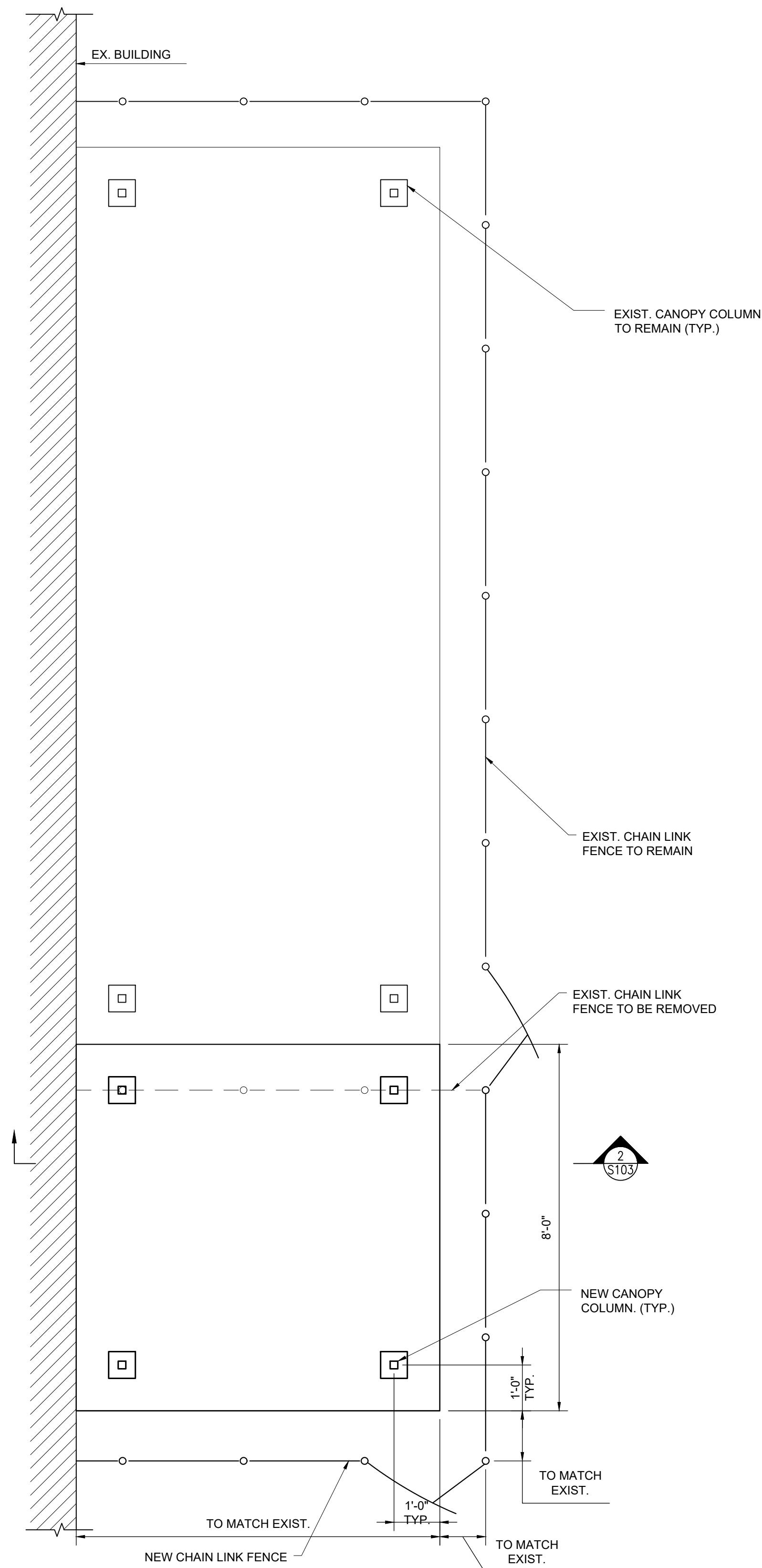
2 TYPICAL SLAB SECTION OVER U.S.T.
 S-102 SCALE: NONE



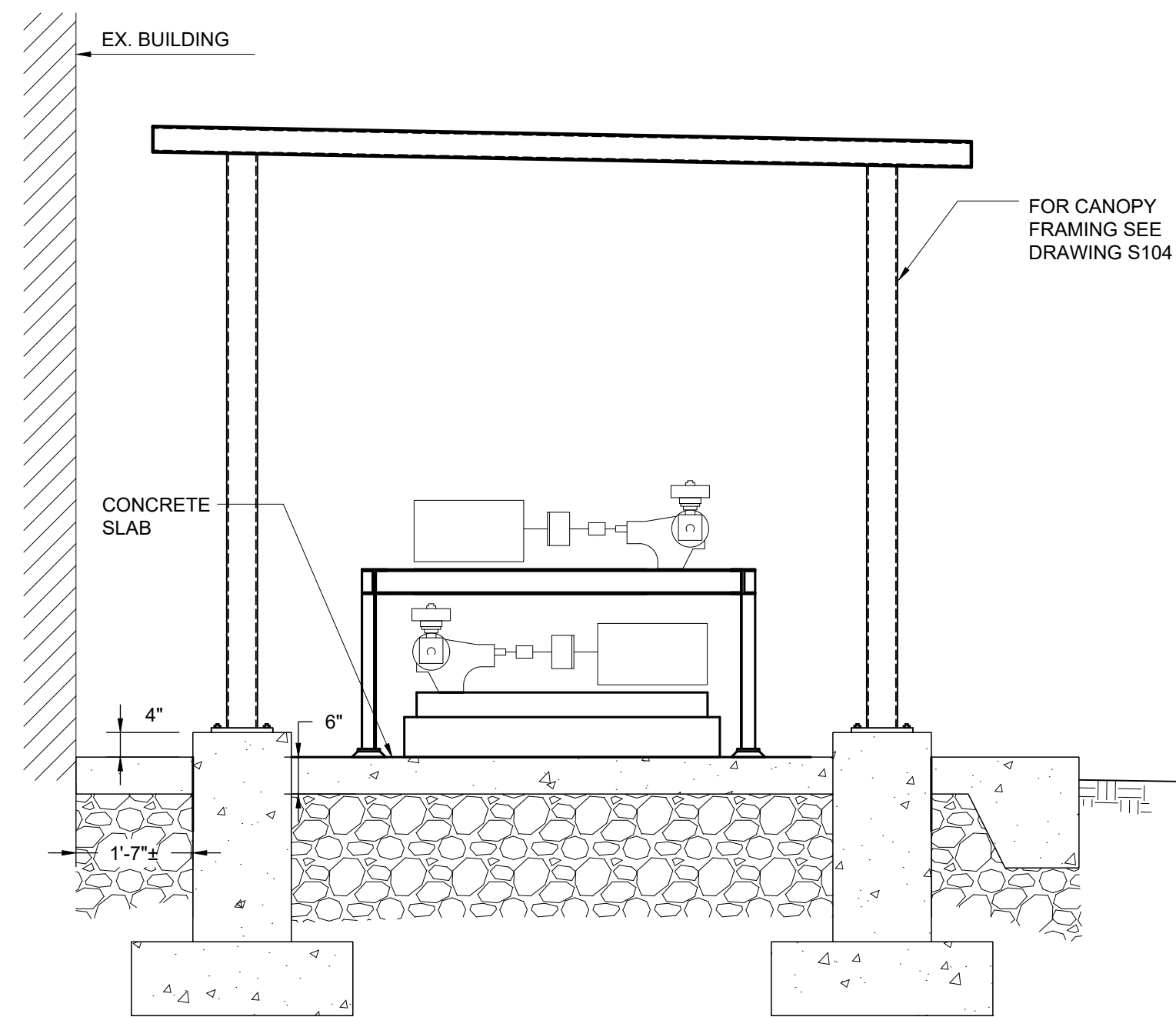
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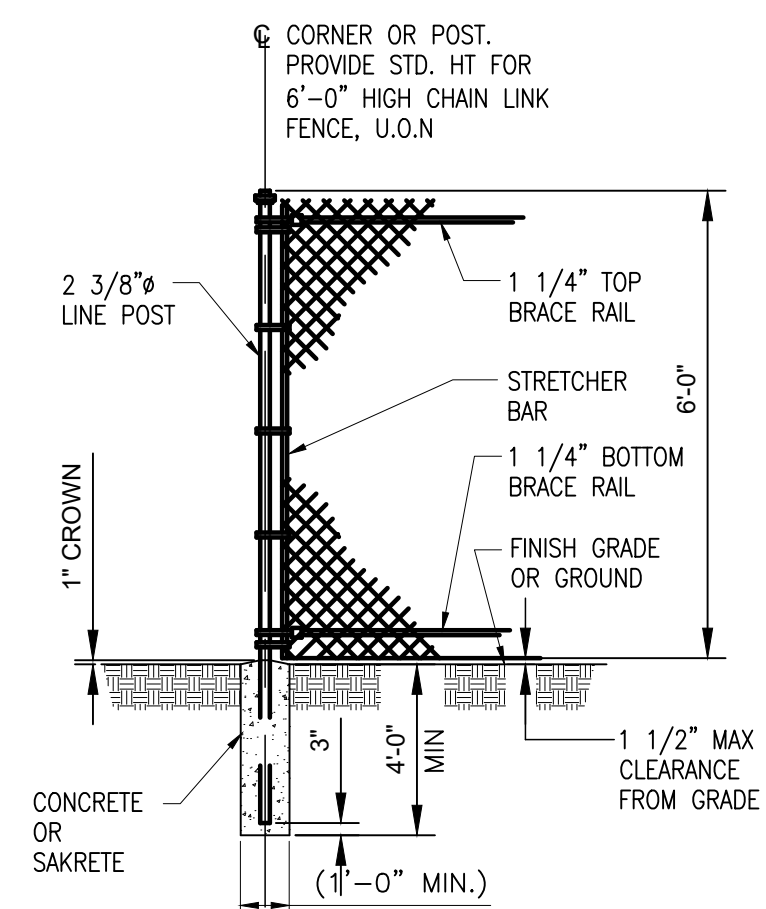
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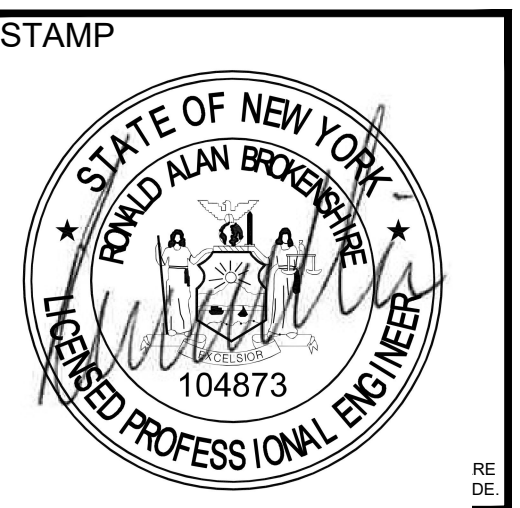
1 PUMP STATION
 S-103 SCALE: 1/2"=1'-0"



2 SECTION
 S-103 SCALE: 1/2"=1'-0"



4 FENCE POST DETAIL
 S-103 NOT TO SCALE



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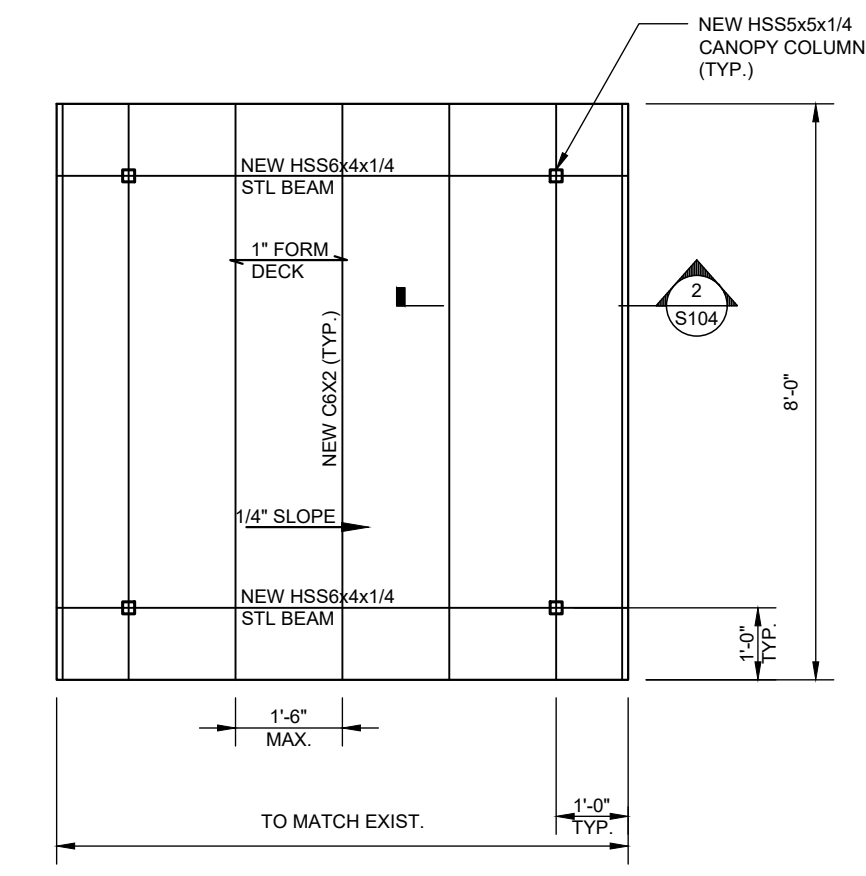
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CANOPY FRAME
PLAN, SECTIONS &
DETAILS

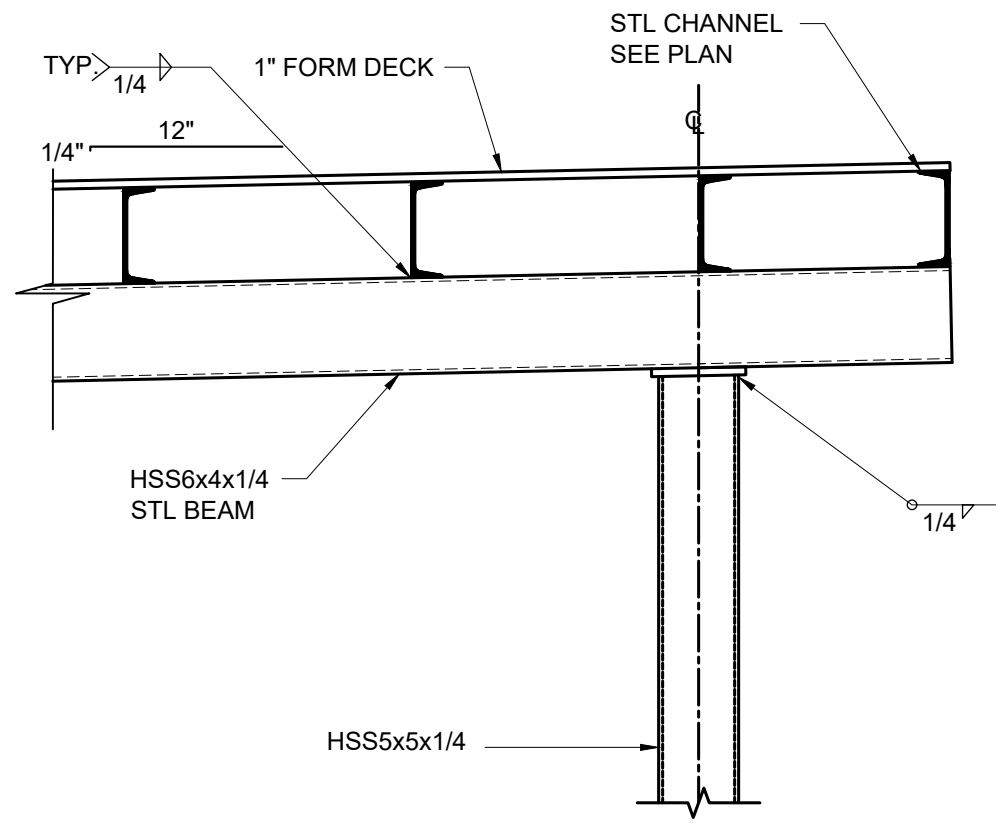
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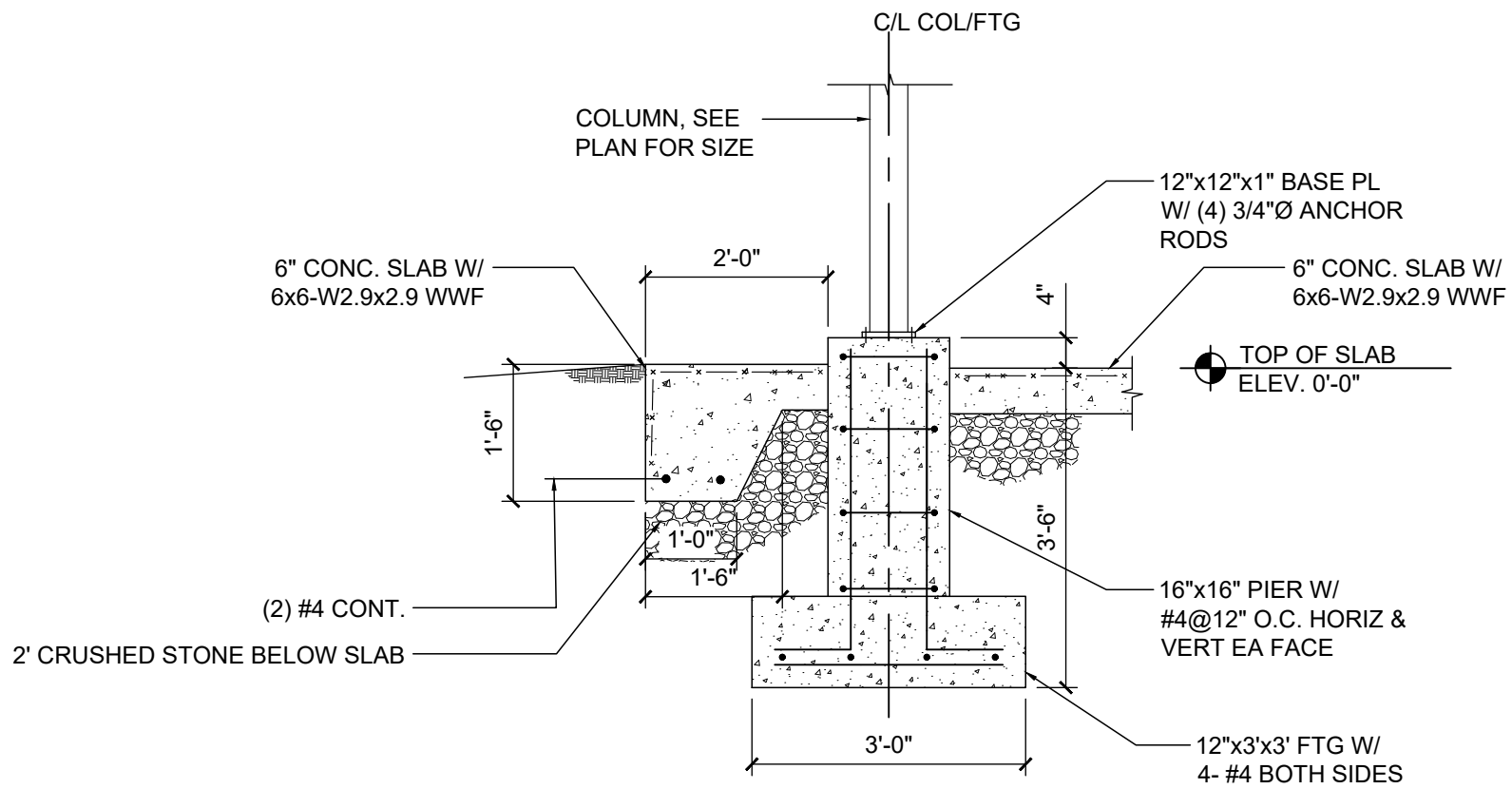
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1 CANOPY FRAMING PLAN
S-104 SCALE: 3/8" = 1' - 0"



2 CANOPY FRAMING PLAN
S-104 SCALE: 3/8" = 1' - 0"



2 CANOPY FRAMING PLAN
S-104 SCALE: 1/2" = 1' - 0"

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