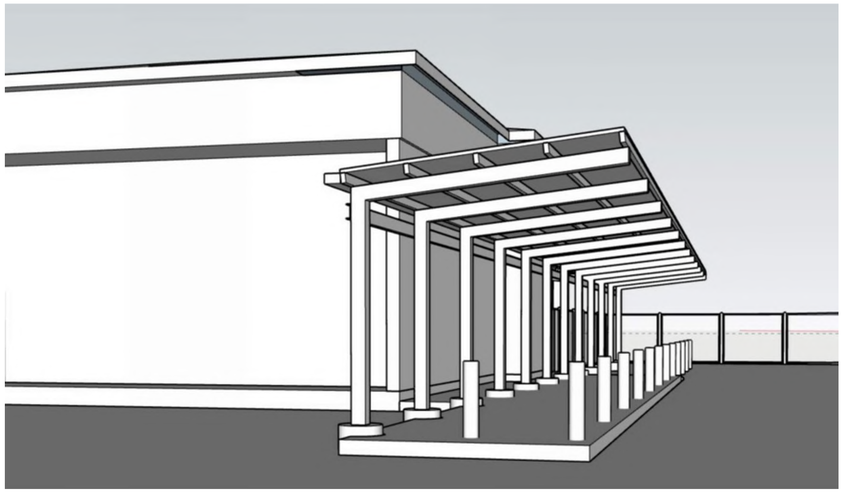

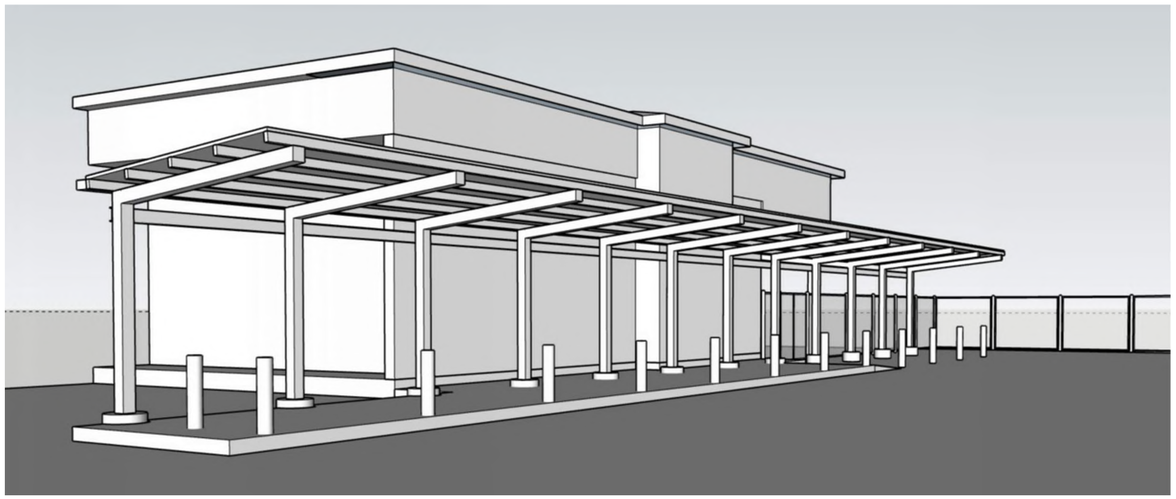

STPSB - Mandeville Jr. High School: Vehicle Drop-Off Car Line Canopy P# 0354

owner:
St. Tammany Parish School Board
C. J. Schoen Administrative Complex
321 N. Theard Street
Covington, LA 70433
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ehceng.com

mep engineer:
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vivienengineers.com

Index of Drawings

639 Carondelet Street
Mandeville, LA 70448

Construction Documents

Project Number: 1323-1050
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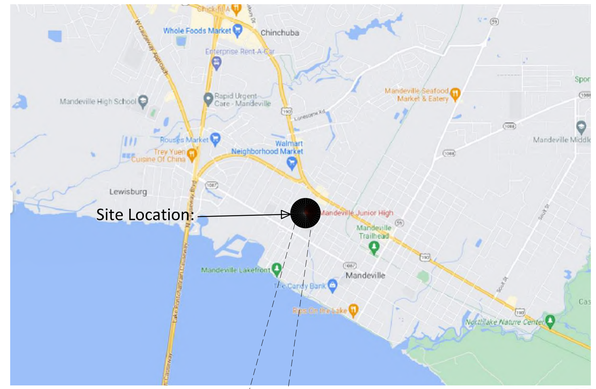
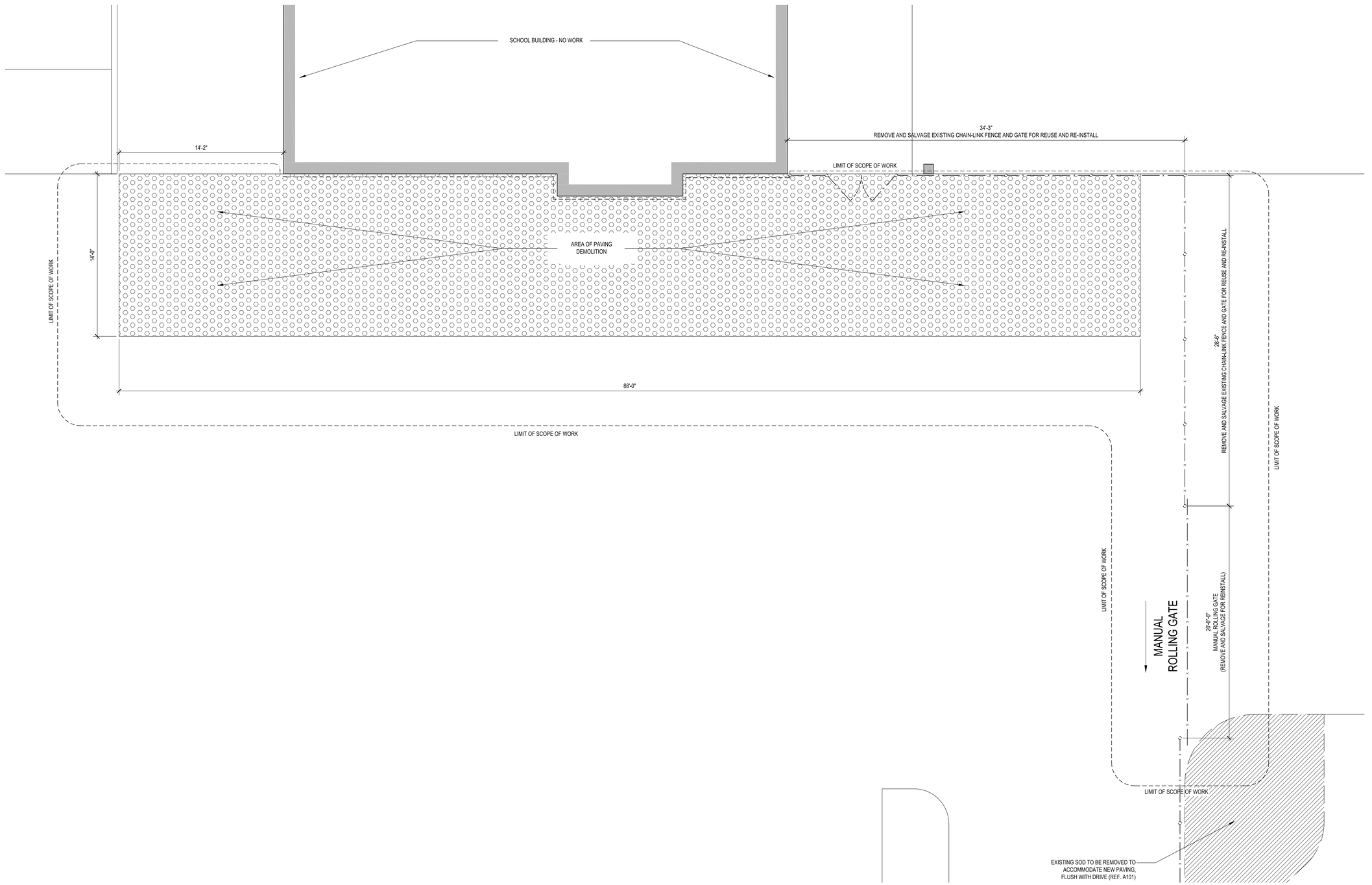


SITE LOCATION MAP

multistudio



Site Demolition Plan` 1

1/4" = 1'-0"

multistudio
the evolution of gould evans

St. Tammany Parish School Board Mandeville Junior High School Vehicle Drop-Off Canopy

639 Carondelet Street
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Revisions

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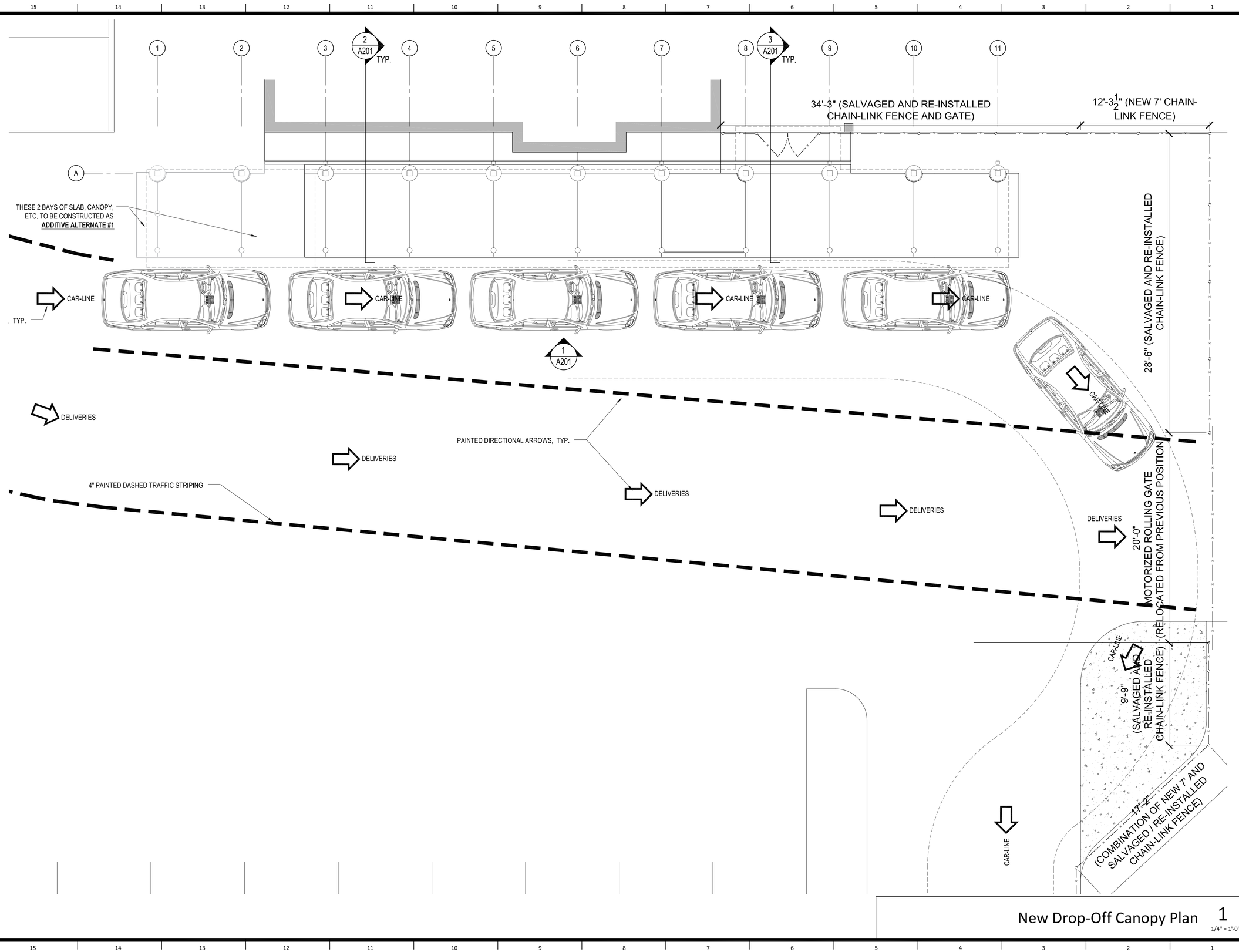
MARTIN L. TOVREA
REG. NO. 5843
STATE OF LOUISIANA
REGISTERED ARCHITECT

October 11, 2023

Site Demo Plan

A100

Construction Documents



New Drop-Off Canopy Plan 1

1/4" = 1'-0"

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MARTIN L. TOVREA
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STATE OF LOUISIANA
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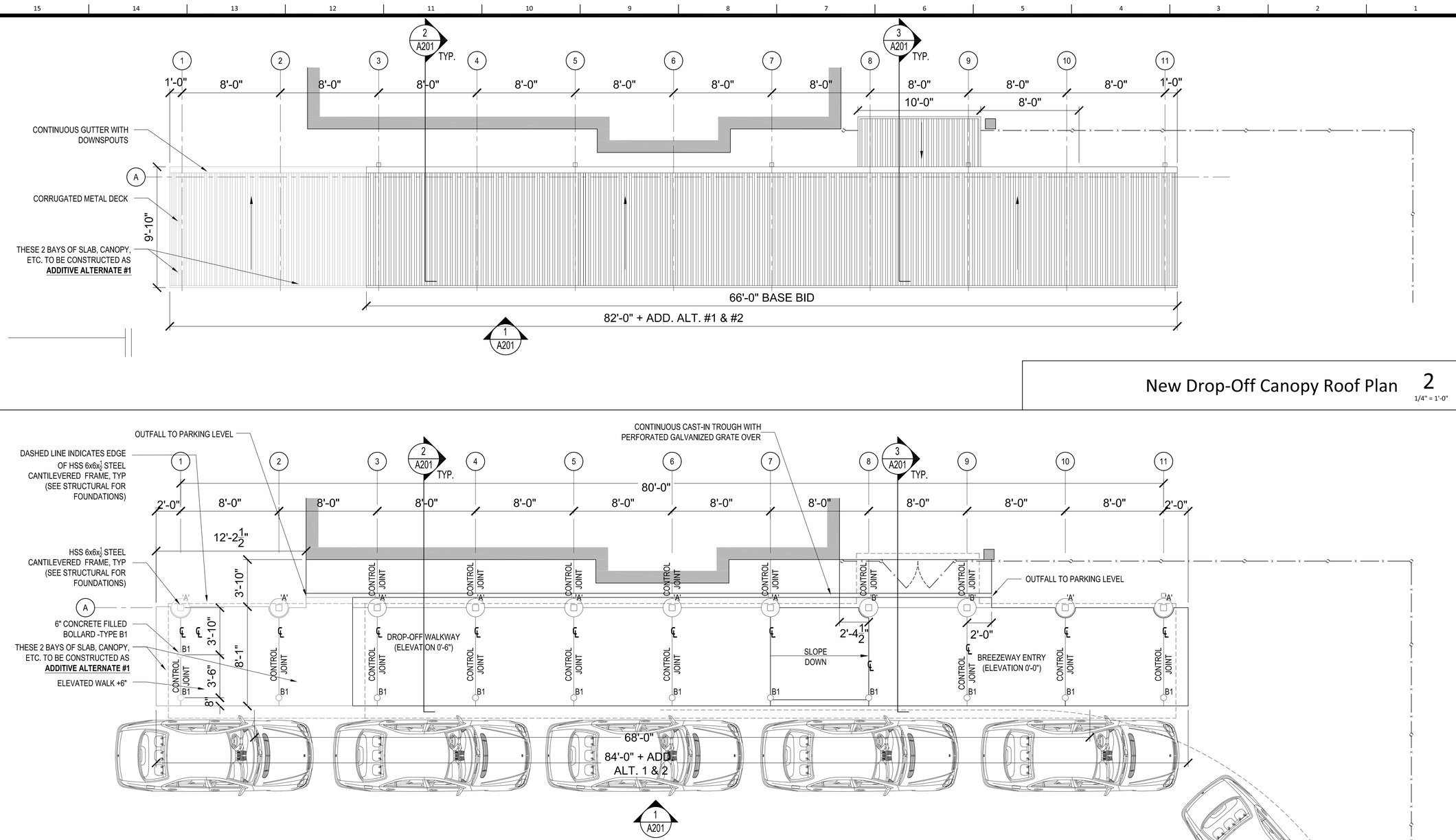
October 11, 2023

Site Plan

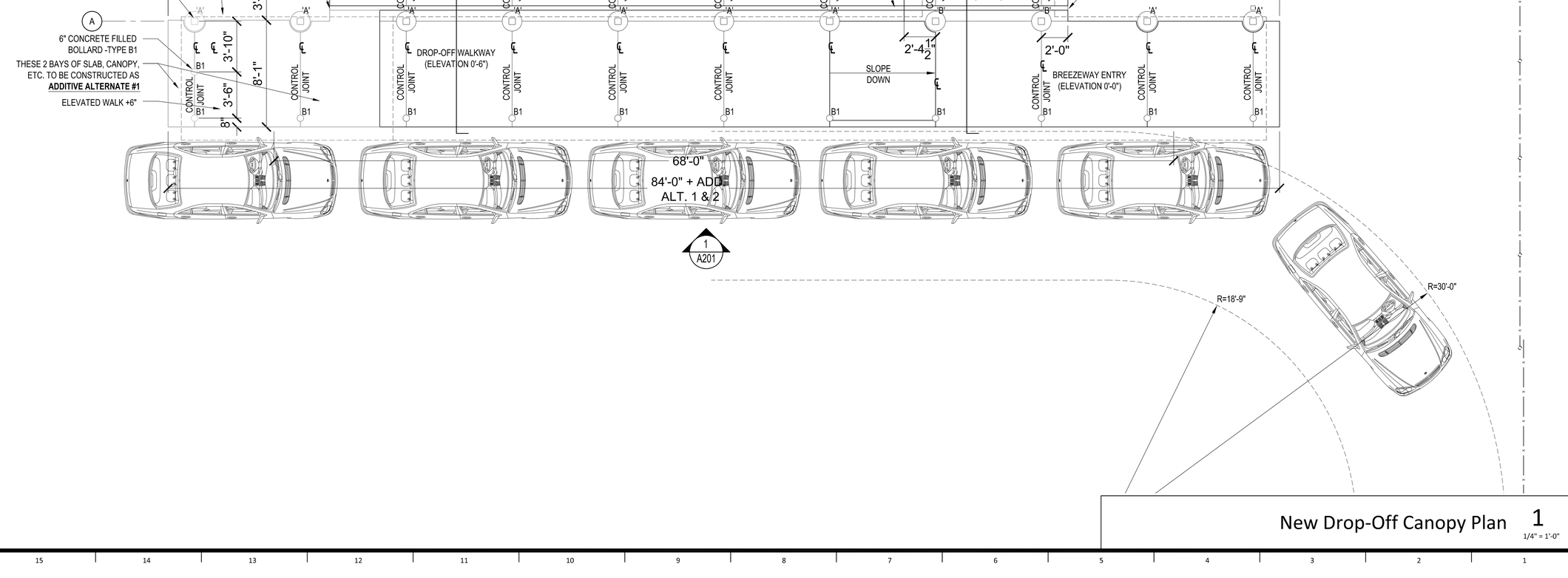
A101

Construction Documents



New Drop-Off Canopy Roof Plan 2

1/4" = 1'-0"



New Drop-Off Canopy Plan 1

1/4" = 1'-0"

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St. Tammany Parish School Board Mandeville Junior High School Vehicle Drop-Off Canopy

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MARTIN L. TOVREA
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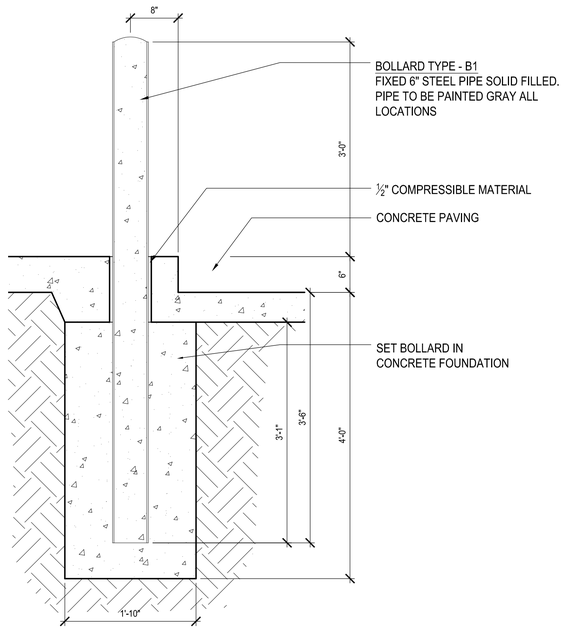
October 11, 2023

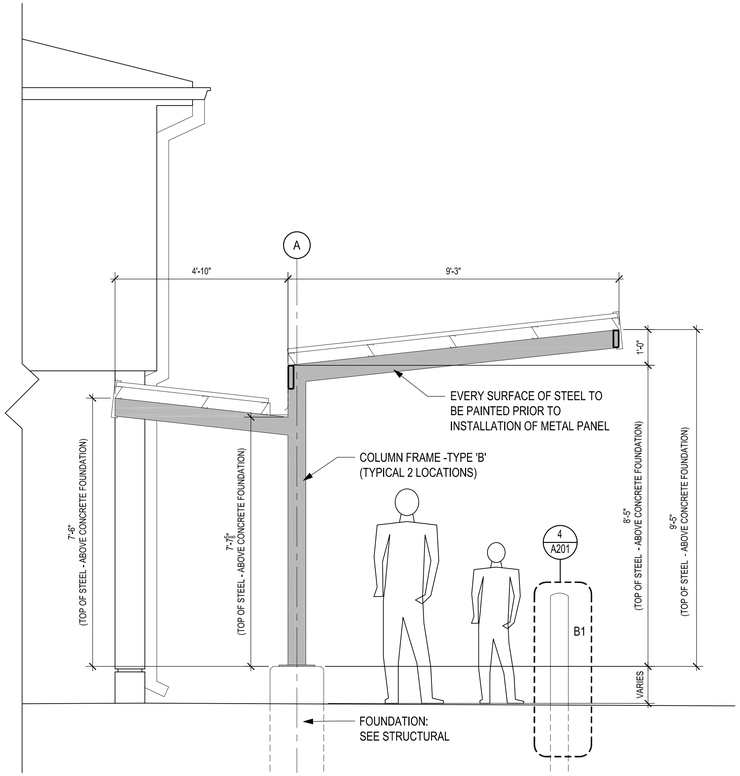
Floor Plan
Roof Plan

A102

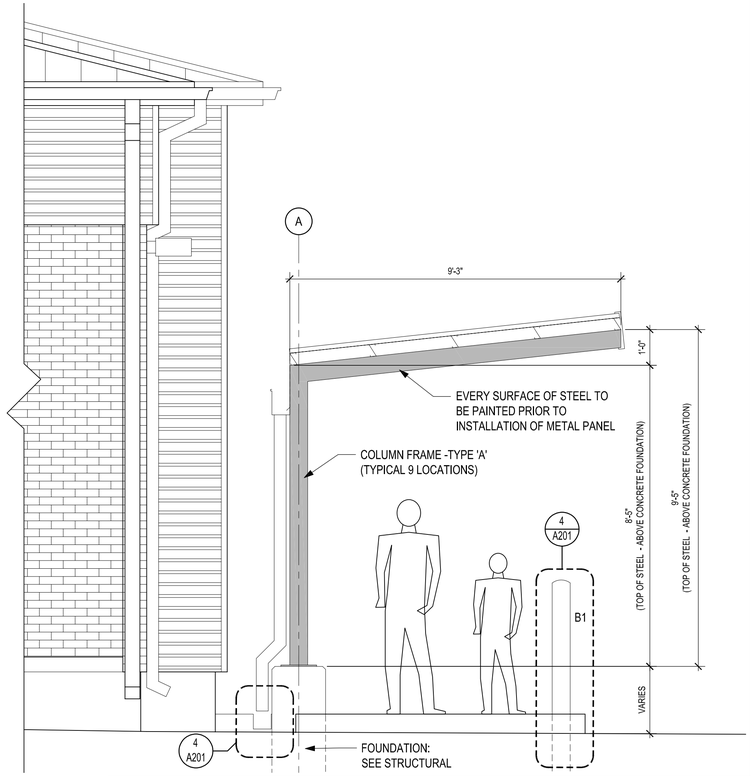
Construction Documents



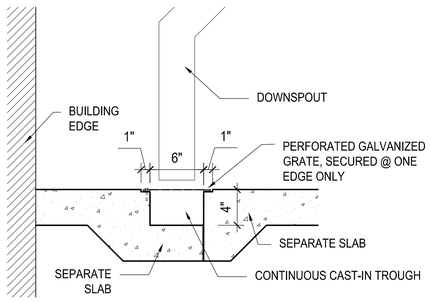
Bollard - Type 1B 4
1" = 1'-0"



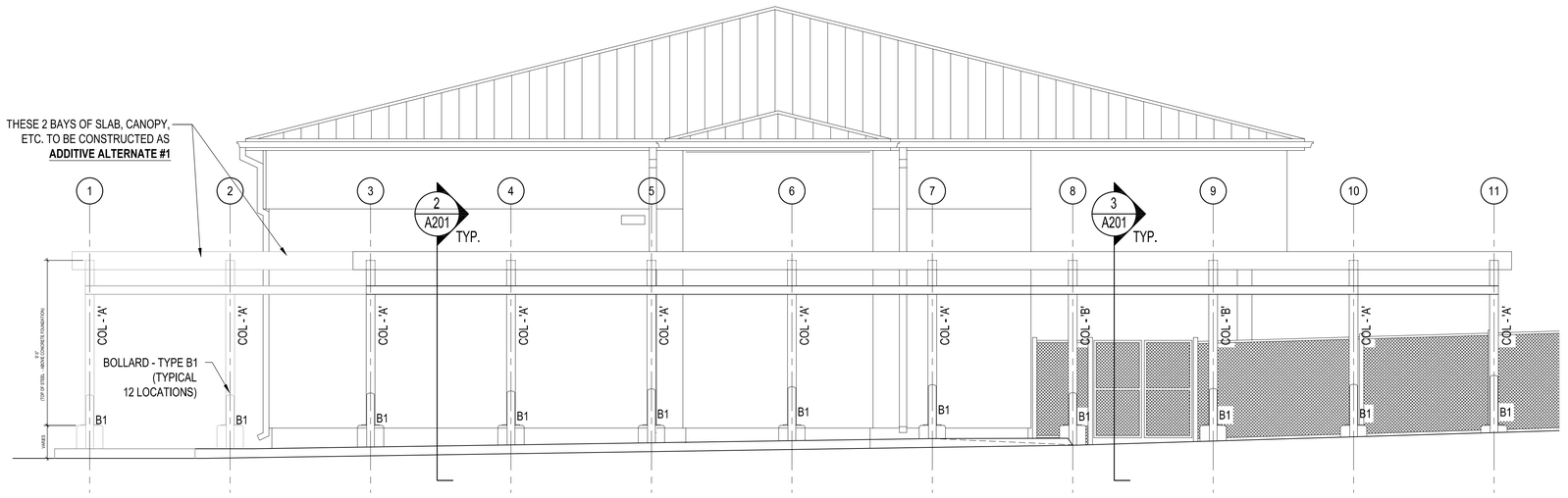
New Drop-Off Canopy Elevation/Section (Column Type 'B') 3
1/2" = 1'-0"



New Drop-Off Canopy Elevation/Section (Column Type 'A') 2
1/2" = 1'-0"



Drainage Detail 5
1 1/2" = 1'-0"



New Drop-Off Canopy Elevation 1
1/4" = 1'-0"

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St. Tammany Parish School Board Mandeville Junior High School Vehicle Drop-Off Canopy

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Revisions

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MARTIN L. TOVREA
REG. NO. 5842
STATE OF LOUISIANA
REGISTERED ARCHITECT

October 11, 2023

Elevations and Sections

A201

Construction Documents

GENERAL NOTES:

GENERAL:

1. DESIGN CODES AND GENERAL CRITERIA:
   - A. 2012 INTERNATIONAL BUILDING CODE.
   - B. ACI 318-08 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
   - C. AISC SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS - ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN, NINTH EDITION.
   - D. AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
   - E. ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
2. DESIGN LOADS:

   SUPERIMPOSED DEAD LOADS
   MECHANICAL/ELECTRICAL/PLUMBING ____ 5psf
   PARTITIONS ____ 15psf

   LIVE LOADS

   OFFICES ____ 50psf
   FIRST FLOOR AND LOBBIES ____ 100psf
   STAIRS AND EXITWAYS ____ 100psf

   ROOF ____ 20psf

   GROUND SNOW LOAD, Pg. = ____ 0psf

   WIND LOADS (PER ASCE 7-10)
   BASIC WIND SPEED (3 SECOND GUST) ____ 144 MPH
   BUILDING RISK CATEGORY ____ II
   WIND EXPOSURE CATEGORY ____ C
   INTERNAL PRESSURE COEFFICIENT, GCpi ____ +0.18/-0.18
   COMPONENT AND CLADDING DESIGN LOAD PER ____ ASCE 7
   SEISMIC LOAD ____ PER IBC 2015
3. EXISTING DIMENSIONS AND LAYOUT HAVE BEEN PROVIDED TO THIS OFFICE BY OTHERS. FRAMING SHOWN IS CURRENTLY SCHEMATIC IN NATURE AND WILL BE VERIFIED ONCE DEMOLITIONS OPERATIONS COMMENCE. GC TO NOTIFY EOR FOR FRAMING AND PRECAST CONCRETE WALL REVIEW FOR POTENTIAL MODIFICATIONS BASED ON ACTUAL CONDITIONS FOUND.
4. EXISTING CONDITIONS: EACH BIDDER SHALL VISIT THE JOB SITE AS REQUIRED TO DETERMINE AND/OR VERIFY EXISTING CONDITIONS. ANY EXCEPTIONS TO EXISTING CONDITIONS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
5. SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, SLOPES AND LOCATIONS OF DEPRESSED FLOOR AREAS BEFORE STARTING WORK. THE ARCHITECT/ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
6. THE CONTRACTOR SHALL COMPARE STRUCTURAL DRAWINGS TO ARCHITECTURAL, CIVIL AND MEP. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
7. BRACING AND SHORING:
   - A. ALL WALLS SHALL BE BRACED UNTIL UNTIL ALL NEW FRAMING IS IN PLACE. SHORING BEYOND WHAT IS SHOWN ON THE PLANS MAY BE REQUIRED AND IS THE RESPONSIBILITY OF THE GC.
8. ALL CONTRACTOR DESIGNED ELEMENTS SHALL BE DESIGNED BY STRUCTURAL ENGINEERS LICENSED IN THE STATE OF THE PROJECT. CONTRACTORS SHALL SUBMIT CERTIFICATION THAT ELEMENTS WERE DESIGNED FOR LOADS SPECIFIED ON DRAWINGS OR IN THE BUILDING CODE.
9. SHOP DRAWINGS: CONTRACTOR SHALL SUBMIT STEEL, CONCRETE, AND OTHER REQUESTED SHOP DRAWINGS FOR ARCHITECT/ENGINEER REVIEW, UNLESS THE ARCHITECTURAL SPECIFICATIONS CALL FOR ADDITIONAL SETS TO BE ISSUED. REPRODUCTIONS OF CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS. ELECTRONIC FILES ARE NOT AVAILABLE FOR USE BY SUBCONTRACTORS.

FOUNDATION NOTES

1. FOUNDATION ARE DESIGNED FOR A MAXIMUM ALLOWABLE BEARING CAPACITY OF 1500 PSF.

   NO SETTLEMENT ANALYSIS WAS PERFORMED AND THIS OFFICE CANNOT GUARANTEE OR MAKES ANY WARRANTY TO THE OWNER THAT SETTLEMENT RELATED ISSUES WILL NOT IMPACT THE STRUCTURE. IT IS POSSIBLE THAT THE OWNER WILL HAVE TO PERFORM MAINTENANCE ON THE STRUCTURE TO ADDRESS SETTLEMENT ISSUES AND THIS IS BEYOND THE CONTROL OF THIS OFFICE AND THIS OFFICE ACCEPTS NO LIABILITY FOR THE COSTS ASSOCIATED OR LIABILITY FOR SUCH REPAIRS OR TIME DELAYS RELATED TO SUCH ISSUES AT THE TIME OF CONSTRUCTION OR ANY TIME IN THE FUTURE.
2. SUB-GRADE FOR ALL NEW FOUNDATIONS SHALL BE PREPARED AND COMPACTED IN ACCORDANCE WITH RECOMMENDATIONS STATED IN THE GEOTECHNICAL REPORT MENTIONED ABOVE.
3. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR EXTERIOR CONCRETE SLAB LAYOUTS, CONTROL JOINTS, AND ELEVATIONS.
4. PROVIDE THICKENED EDGE IN SLAB ON GRADE AT ALL EXTERIOR BUILDING DOORS AND AT EXTERIOR SLAB EDGES.
5. PROVIDE (2) #4 BAR x 4'-0" LONG ABOVE SLAB REINFORCEMENT AT ALL RE-ENTRANT CORNERS IN SLAB ON GRADE.
6. WHERE EARTH FORMING IS USED, EXCAVATION FOR FOUNDATIONS SHOWN ON DRAWINGS SHALL NOT BE LARGER THAN THE INDICATED FOUNDATION SIZE BY MORE THAN 3" IN EACH DIRECTION.
7. EARTHWORK: ALL DEBRIS, VEGETATION AND TOPSOIL CONTAINING ORGANIC MATERIALS SHALL BE CLEARED AND GRUBBED FROM THE BUILDING SITE. EXCAVATE FROM EXISTING GRADE AS REQUIRED TO OBTAIN THREE (1.5) FEET MINIMUM OF SELECT FILL UNDER THE GRADE SLAB. SLOPE FINAL CUT OF EXCAVATED SURFACE ON PERCENT (1%) TO ALLOW DRAINAGE OF ANY WATER UNDER FOUNDATION. AFTER REMOVAL OF VEGETATION AND EXCAVATION, THE EXPOSED SURFACE SHALL BE PROOF ROLLED AND ANY SORT OF COMPRESSIBLE MATERIAL COMPRESSIBLE MATERIAL SHALL BE REMOVED OR IMPROVED BY DENSIFICATION AS RECOMMENDED FOR COMPACTED FILL BELOW FOUNDATIONS. AFTER COMPLETION OF PROOF ROLLING THE SURFACE SHALE BE SCARIFIED FOR A MINIMUM DEPTH OF EIGHT (8) INCHES AND RECOMPACTED AS PER COMPACTION NOTE.

FOUNDATION NOTES CONT'D:

8. EXPOSED SURFACE COMPACTION: EXPOSED SURFACE SOIL TO RECEIVE SELECT FILL SHALL BE MOISTURE CONDITIONED TO A MINIMUM OF NINETY-FIVE PERCENT (95%) OF MAXIMUM DRY DENSITY AT MINUS ONE (-1%) PERCENTAGE POINTS BELOW TO PLUS THREE (+3%) PERCENTAGE POINTS ABOVE ITS OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE STANDARD PROCTOR METHOD, ASTM SPECIFICATION D698.
9. SELECT FILL: SELECT FILL SHALL BE USED FOR A MINIMUM OF 8" BELOW GRADE SLAB AND IN ALL SOFT AREAS. SELECT FILL SHALL CONSIST OF SOILS HAVING A PLASTICITY INDEX (PI) BETWEEN FIVE (5) AND EIGHTEEN (18) AND A LIQUID LIMIT (LL) LESS THAN THIRTY-FIVE (35). ALL FILL SHALL BE FREE OF ORGANIC MATER AND DEBRIS. SELECT FILL SHALL NOT EXTEND BEYOND THE LIMITS OF THE STRUCTURE. SELECT FILL CAN CONSIST OF PUMPED RIVER SAND.
10. SELECT FILL COMPACTION: SELECT FILL REQUIRED BENEATH THE GRADE SLAB SHALL BE PLACED IN SIX (6) TO EIGHT (8) INCH THICK LOOSE LIFTS AND COMPACTED TO A MINIMUM OF NINETY-FIVE PERCENT (95%) OF MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR METHOD, ASTM SPECIFICATION D698.
11. POSITIVE SURFACE DRAINAGE AWAY FROM THE STRUCTURES SHALL BE ESTABLISHED AND MAINTAINED AT ALL TIMES BOTH DURING AND AFTER CONSTRUCTION. WATER SHALL NOT BE ALLOWED TO COLLECT NEAR THE BUILDING SITE AT ANY TIME.
12. BACKFILL FOR UTILITY LINES SHALL BE PUMPED RIVERSAND.
13. **PROVIDE A 15 MIL VAPOR BARRIER BELOW THE SLAB AND LAPPED AROUND THE SIDES OF THE GRADE BEAMS (BOTTOM OF THE GRADE BEAM SHALL NOT BE COVERED WITH VAPOR BARRIER). LAP A MINIMUM OF 12" AND TAPE ALL EDGES PER MANUF DIRECTIONS WITH MANUF APPROVED TAPE. TAPE AND CORRECT ALL TEARS. BASIS OF DESIGN IS STEGO WRAP OR APPROVED EQUAL. THIS NOTE SUPERCEDES ALL NOTES ON THE ARCH DRAWINGS OR ELSEWHERE.**

GENERAL NOTES FOR RENOVATIONS

1. THE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FORM A PART OF THESE DRAWINGS AND SHOULD BE USED ACCORDINGLY.
2. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO FABRICATION AND CONSTRUCTION. ALL DIMENSIONS AND CONDITIONS TYING INTO OR GOVERNED BY EXISTING CONSTRUCTION ARE APPROXIMATE AND ARE NOT CLAIMED TO BE CORRECT. ALL SUCH DIMENSIONS AND CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE PREPARATION OF SHOP DRAWINGS. IF CONDITIONS AND DIMENSIONS VARY FROM THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE PREPARATION OF SHOP DRAWINGS.
3. ALL STRUCTURAL BOLTS TO BE A-325 UNLESS OTHERWISE NOTED.
4. ALL ANCHOR BOLTS TO BE A-307 UNLESS OTHERWISE NOTED.
5. ALL BOLTS INTO MASONRY - HILTI HIT-HY70 SYSTEM.
   ALL BOLTS INTO EXISTING CONCRETE USE HILTI HY 200 INJECTION ADHESIVE ANCHOR.
6. THE CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY PRECAUTIONS, MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES REQUIRED TO DO HIS WORK. THIS INCLUDES, BUT IS NOT LIMITED TO SHORING, SCAFFOLDING, ERECTION, AND TEMPORARY BRACING.
7. LACE ALL MASONRY CRACKS EXTENDING THROUGH TWO OR MORE WYTHES BY REPLACING ALL DAMAGED BRICKS INCLUDING BRICKS EACH SIDE OF THE CRACK. REPLACE LOOSE OR DAMAGED MORTAR.
8. REPOINT ALL MORTAR OR JOINTS CRACKED OR SOFT TO A DEPTH OF 1" OR MORE. THE MORTAR SHALL MATCH THE EXISTING IN COLOR COMPOSITION AND TEXTURE.
9. REBUILD ALL JOIST AND BEAM SEATS FOUND TO BE DETERIORATED TO A SOUND CONDITION.
10. ALL STRUCTURAL STEEL TO BE A36 AND CONFORM WITH LATEST REQUIREMENTS OF ASTM AND AISC FOR FABRICATION AND ERECTION OF STRUCTURAL STEEL.
11. ALL WELDS TO CONFORM WITH LATEST REQUIREMENTS OF AWS.
12. MECHANICAL EQUIPMENT LOADS
    THE GENERAL CONTRACTOR SHALL SUBMIT ACTUAL WEIGHTS OF EQUIPMENT TO BE USED IN THE PROJECT TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOADS USED IN THE DESIGN, AND SHALL REPORT ANY CHANGES IN LOCATION, NUMBER OF PIECES, AND WEIGHTS OF EQUIPMENT AS SHOWN ON THE MECHANICAL/ELECTRICAL/ PLUMBING DRAWINGS AT LEAST TWO WEEKS PRIOR TO FABRICATION AND CONSTRUCTION OF THE SUPPORTING STRUCTURE.
13. TYPICAL DETAILS
    DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS SHALL APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. QUESTIONS REGARDING APPLICABILITY OF TYPICAL DETAILS SHALL BE DETERMINED BY THE ENGINEER.
14. DRAWING CONFLICTS
    THE GENERAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCY BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBERS.
15. FIELD MODIFICATIONS TO STRUCTURAL STEEL. FIELD CUTTING OF STRUCTURAL STEEL OR ANY FIELD MODIFICATIONS TO STRUCTURAL STEEL SHALL NOT BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER FOR EACH SPECIFIC CASE.
16. ALL STRUCTURAL ELEMENTS OF THE PROJECT HAVE BEEN DESIGNED BY THE STRUCTURAL ENGINEER TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES THAT COULD OCCUR IN THE FINAL COMPLETED STRUCTURE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL REQUIRED BRACING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PROCESS UNTIL THE STRUCTURE IS TIED TOGETHER AND COMPLETED.
17. PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF EHC ENGINEERING, LLC IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR IS PROCEEDING IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.
18. **GC SHALL EXPOSE ALL AREAS REQUIRED FOR EOR REVIEW AS THE DESIGN IS BASED ON PRELIMINARY FRAMING INFORMATION AND MAY CHANGE AFTER REVIEW. GC SHALL NOT ORDER ANY MATERIALS UNTIL EOR REVIEW AND ALLOW TIME IN HIS/HER SCHEDULE FOR MODIFICATIONS TO THE PLAN DOCUMENTS AS REQUIRED BASED ON EXISTING CONDITIONS.**

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL: ALL WIDE FLANGE SECTIONS SHALL BE ASTM A992. ALL ANGLES, CHANNELS AND PLATES SHALL BE ASTM A36. ALL STRUCTURAL STEEL PIPE SHALL BE ASTM A53 GRADE B. ALL HOLLOW STRUCTURAL STEEL TUBE SECTIONS SHALL BE ASTM A500 GRADE B.
2. STRUCTURAL STEEL SECTIONS SHALL BE DESIGNED, DETAILED FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC "MANUAL OF STEEL CONSTRUCTION", ALLOWABLE STRESS DESIGN, LATEST EDITION. IF INDICATED ALL LOADS SPECIFIED ON THE DRAWINGS ARE SERVICE LOADS.
3. ALL PERMANENT STRUCTURAL STEEL SHALL BE PAINTED WITH A SHOP PRIME COAT AND FIELD RETOUCHED WHERE THE SHOP COAT HAS BEEN DAMAGED DUE TO PLACING, HANDLING AND WELDING. ALL STEEL BEAMS SHALL BE FABRICATED WITH NATURAL CAMBER UP.
4. ALL BOLTED CONNECTIONS FOR STRUCTURAL STEEL SHALL USE MIN. ¾" DIAMETER ASTM A325 HIGH STRENGTH BOLTS EXCEPT FOR JOIST BEARING AND BRIDGING WHICH SHALL BE ½" DIAMETER ASTM A325 HIGH STRENGTH BOLTS. CONNECTIONS SHALL BE BEARING TYPE WITH THREADS ALLOWED IN THE SHEAR PLANE.
5. CONNECTION DESIGNS: CONNECTION TYPES SHALL CONFORM TO THE TYPICAL DETAILS GIVEN ON THESE DRAWINGS. CONNECTION DESIGNS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DRAWINGS, SPECIFICATIONS AND THE AISC "MANUAL OF STEEL CONSTRUCTION". SPECIAL ATTENTION SHALL BE PAID TO THE CODE REQUIREMENTS OF CHAPTER J.
6. ALL ANCHOR RODS SHALL BE ASTM F1554 GR 36/GALVANIZED WITH SUITABLE NUTS & WASHER, UNLESS NOTED OTHERWISE.
7. ALL WELDS SHALL BE MADE USING E70XX LOW HYDROGEN ELECTRODES AND SHALL BE MADE IN ACCORDANCE WITH AISC AND AWS.

CONCRETE NOTES

1. ALL STRUCTURAL CONCRETE SHALL BE CLASSIFIED AS NORMAL WEIGHT CONCRETE WITH A UNIT WEIGHT OF 145 LBS/CU. FT. CONCRETE MEMBERS SHALL NOT BE LOADED UNTIL THE SPECIFIED CONCRETE STRENGTH HAS BEEN ACHIEVED. AT THE CONTRACTOR'S OPTION, HIGH EARLY STRENGTH CONCRETE MAY BE SUPPLIED TO ACCELERATE SCHEDULE.
2. MINIMUM CONCRETE 28 DAY COMPRESSIVE STRENGTH AND SLUMP:

	STRENGTH:	SLUMP: MIN./MAX.	AIR CONTENT:	AGG. SIZE:
GRADE BEAMS/FOOTINGS	4000 psi	3IN./5IN.	3% - 5%	¾"
SLABS ON GRADE	4000 psi	2IN./4IN.	1.5%± 1.5%	¾"
ALL OTHER CONCRETE	4000 psi	3IN./5IN.	3% - 5%	¾"

   CONCRETE MIX DESIGNS FROM THE CONCRETE SUPPLIER AND TEST RESULTS FROM THE TESTING LAB SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR EVALUATION AND APPROVAL. ALL EXTERIOR EXPOSED CONCRETE SLABS AND SIDEWALKS SHALL HAVE POLYPROPYLENE FIBERS ADDED TO THE MIX AT A RATE OF 1.5LBS PER CY.
3. FLY ASH AND/OR BLAST FURNACE SLAG CEMENT SHALL NOT BE USED IN ANY CONCRETE.
4. ALL CAST-IN-PLACE CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI 301, LATEST EDITION.
5. ALL DETAILING, FABRICATION AND INSTALLATION OF STEEL REINFORCEMENT SHALL BE IN ACCORDANCE WITH ACI 315 AND ACI 318 (LATEST EDITIONS).
6. CONCRETE REINFORCING: REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60 BARS.

TESTING

1. CONTRACTOR IS RESPONSIBLE FOR TESTING OF MATERIALS ON SITE. THE TESTING AGENCY UTILIZED MUST BE ONE OF THE ST. TAMMANY PARISH SCHOOL BOARD'S PRE-APPROVED COMPANIES.

multistudio

St. Tammany Parish School Board Mandeville Junior High School Vehicle Drop-Off Canopy

639 Carondelet Street
Mandeville, LA 70448

Project Number: 1323-1050

St. Tammany Parish School Board
C. J. Schoen Administrative Complex
321 N. Theard Street
Covington, LA 70433

3308A Magazine St
New Orleans, LA 70115

civil/structural engineer:
EHC Engineering, LLC
643 Magazine Street
New Orleans, LA
70130

Lucien T. Vivien Jr. & Associates
3001 22nd Street
Metairie, LA 70002

vivienengineers.com

EHC ENGINEERING
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504.372.1047 // ehceng.com

Issue Date: October 11, 2023

Revisions

NUMBER	DESCRIPTION	DATE

STATE OF LOUISIANA
DARREN A. ENAMORADO
License No. 43470
PROFESSIONAL ENGINEER

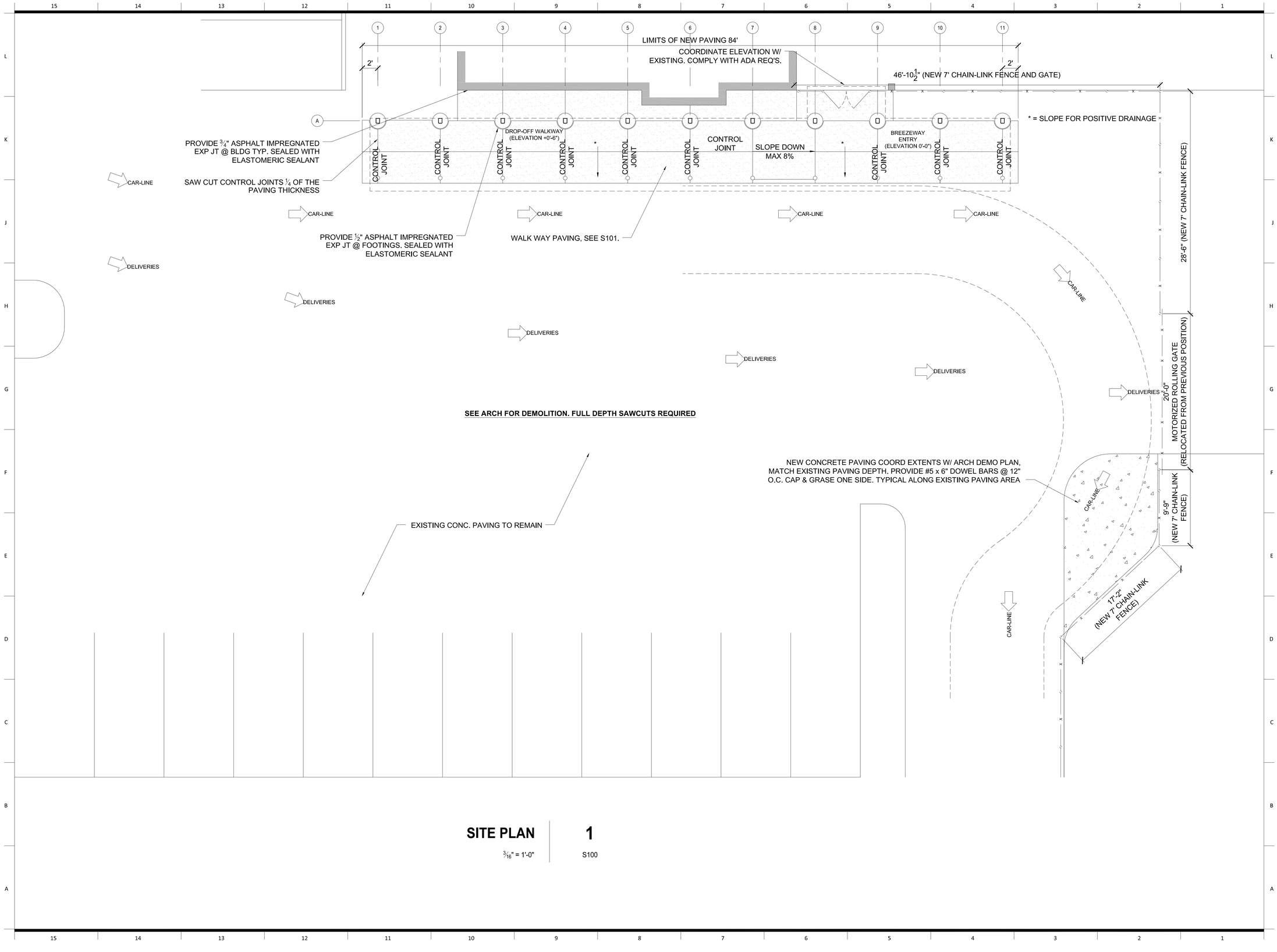
04/03/2023

NOT FOR CONSTRUCTION

GENERAL NOTES

S001

Construction Documents



SITE PLAN

1

$\frac{3}{16}$" = 1'-0"

S100

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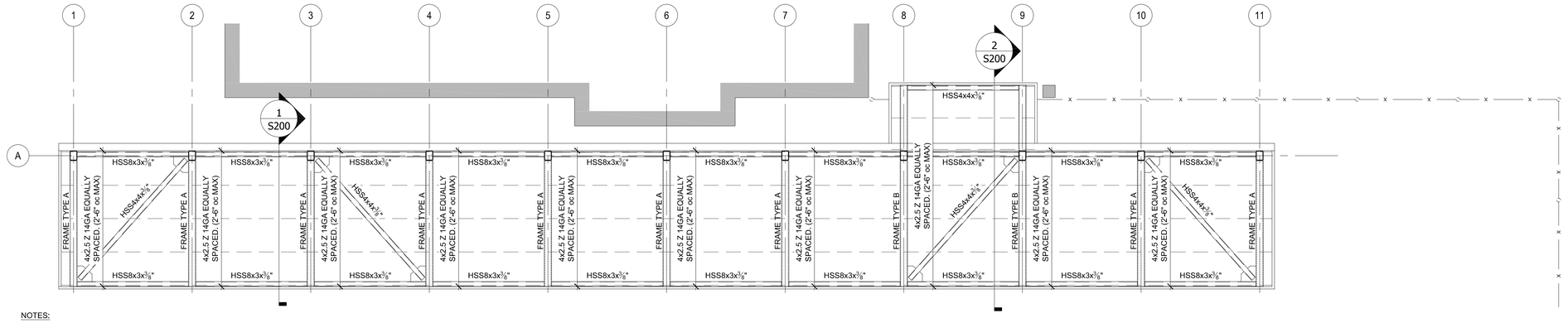
Site Plan

S100

Construction Documents



NOTES:

1. **4x2.5 z 14GA** = 4" Z GIRT WITH THE FOLLOWING MINIMUM PROPERTIES:

   D = 4"
   B1 = 2.375" b2 = 2.125"
   A = 0.696"
   Ix = 1.824 IN^4
   Sx = 0.935 IN^3

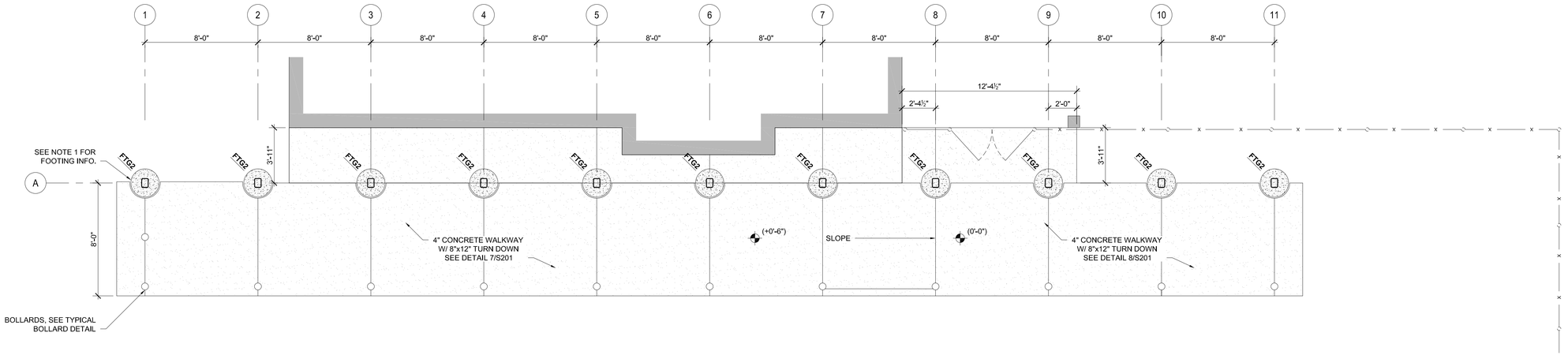
LAP DISTANCE = 3'-6"

WALKWAY CANOPY FRAMING PLAN

1/4" = 1'

2

S101



NOTES:

1. **FTG2** = 24" Ø DRILLED CONCRETE SHAFT EMBEDDED 9'-6" MINIMUM INTO UNDISTURBED SOIL W/ (8) EQ. SPACED #6 BARS & #3 TIES @ 8" o.c. THE LENGTH OF THE EMBEDDED COLUMN & 12" O.C. AFTER THAT. PROVIDE (2) TIES WITHIN THE FIRST 5" OF THE SHAFT. SEE DETAIL FOR EMBEDMENT OF COLUMN.

WALKWAY CANOPY FOUNDATION PLAN

1/4" = 1'

1

S101

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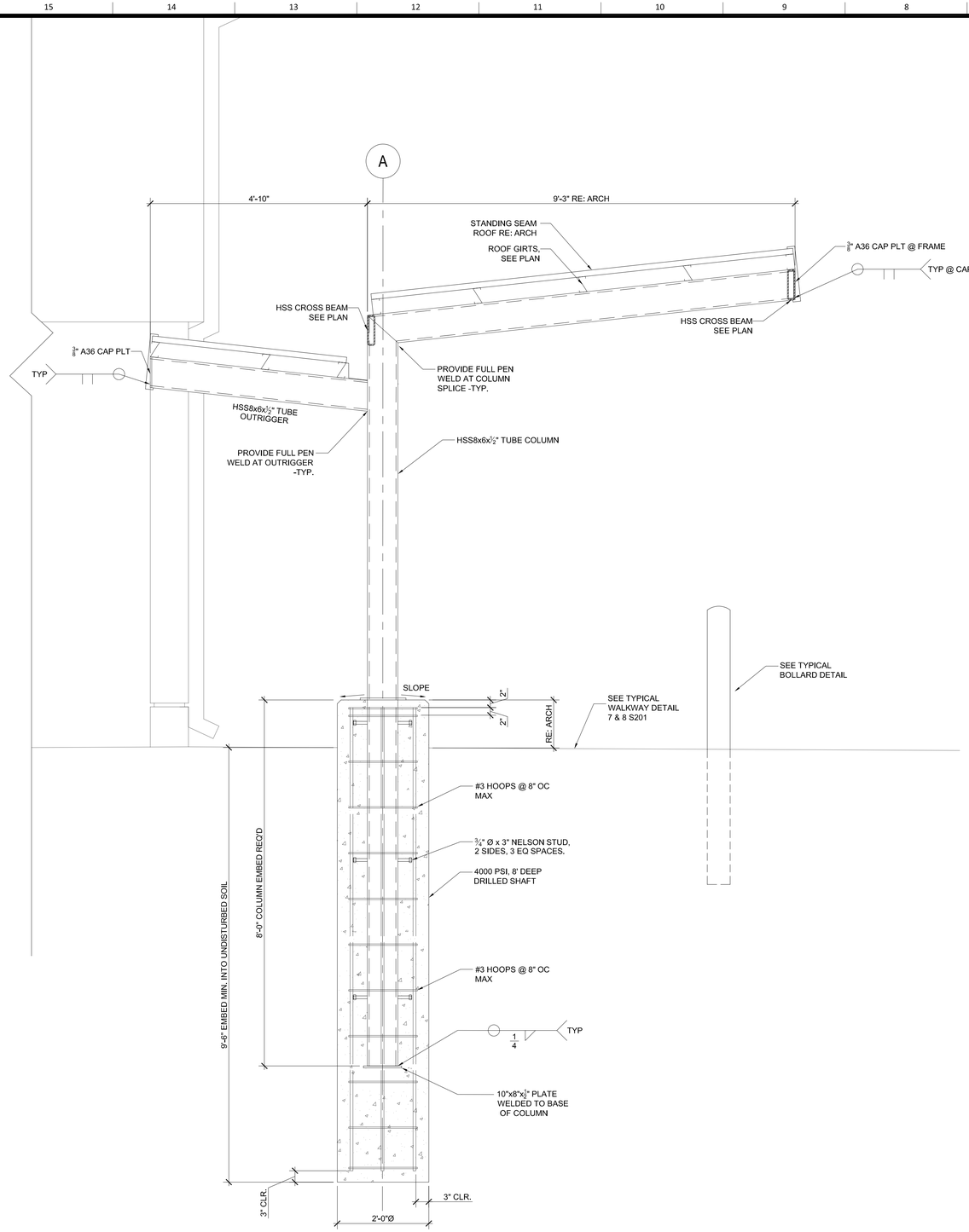
NOT FOR CONSTRUCTION

FOUNDATION & FRAMING PLAN

S101

Construction Documents

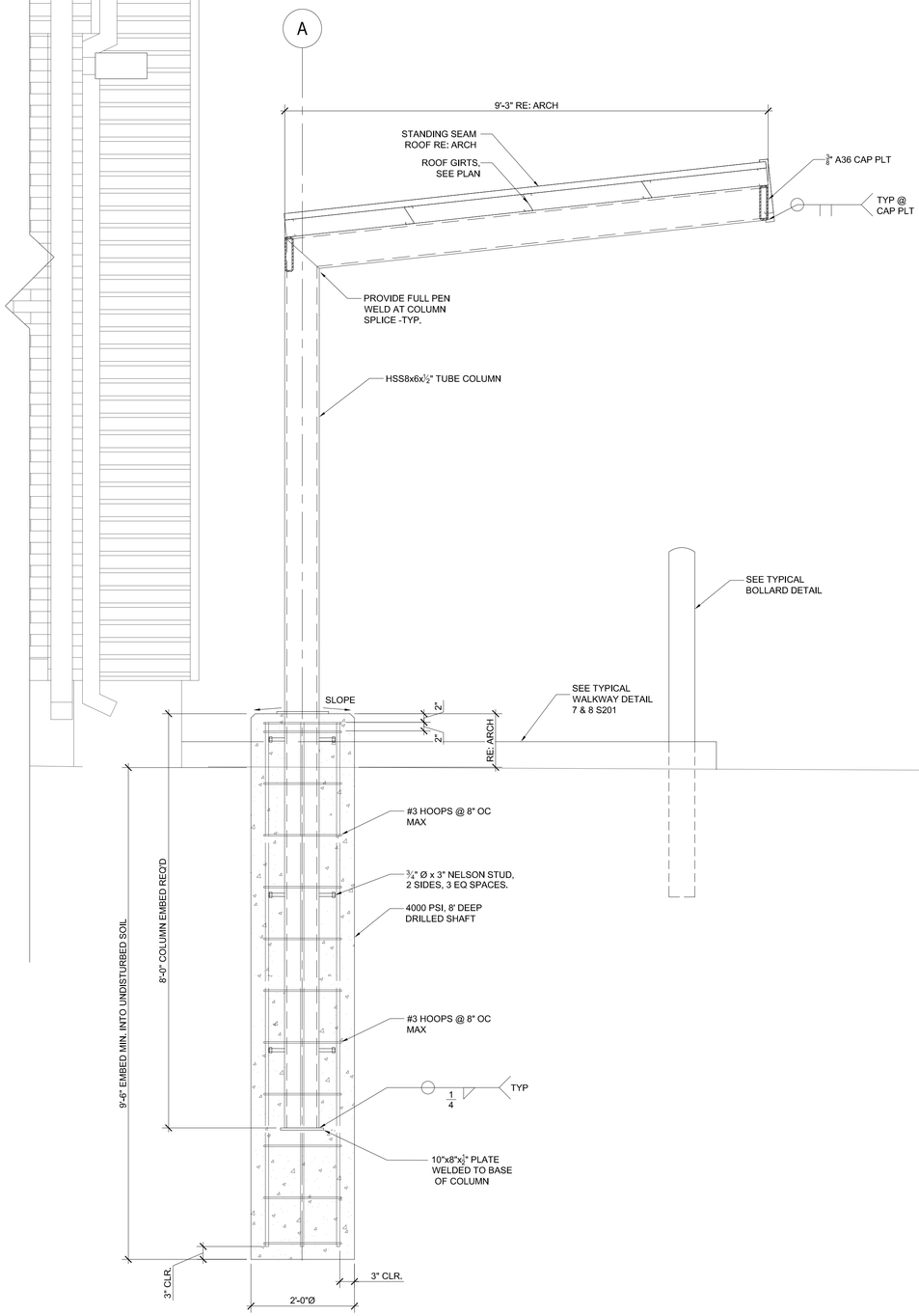


FRAME B SECTION (2 LOCATIONS)

3/4" = 1'

2

S200



FRAME A SECTION (9 LOCATIONS)

3/4" = 1'

1

S200

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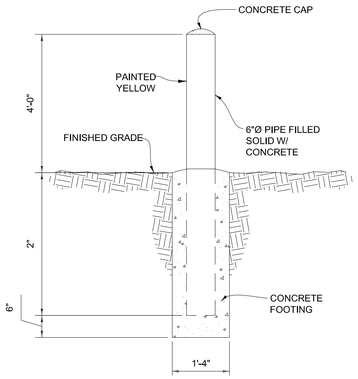
FRAMING SECTIONS

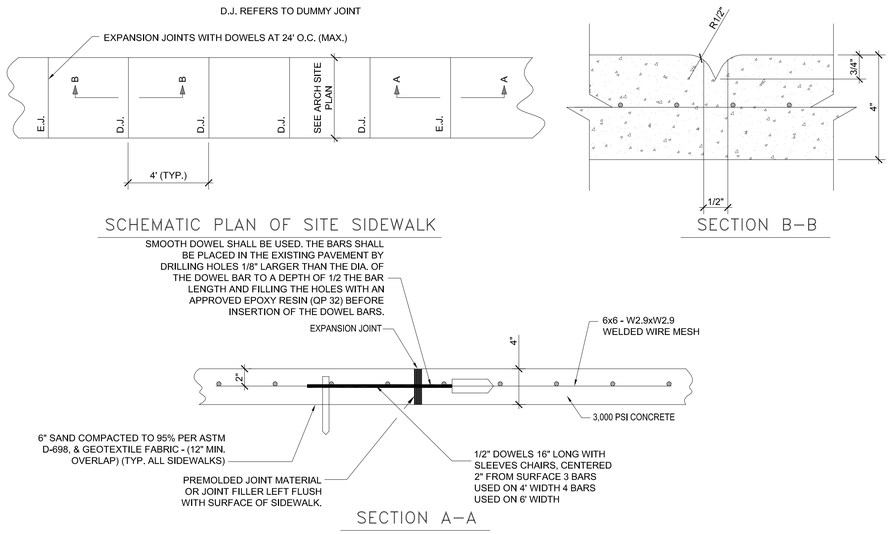
S200

Construction Documents



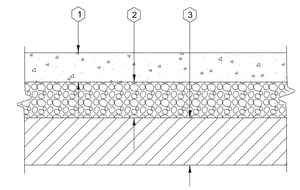
TYPICAL BOLLARD DETAIL

NTS | 1 | S201



TYPICAL SIDE WALK DETAIL

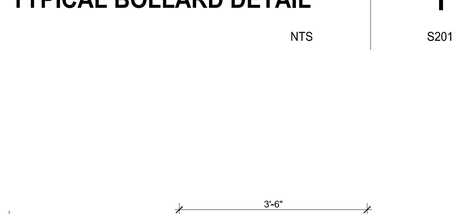
NTS | 2 | S201



1. MATCH EXISTING DEPTH. 5" MIN @ CAR TRAFFIC & 8" MIN @ TRUCK TRAFFIC PORTLAND CEMENT CONCRETE - 4000 P.S.I.
2. 6" CRUSHED STONE BASE COURSE COMPACTED TO 95% MAXIMUM DENSITY - ASTM D-698
3. 8" SUBGRADE COMPACTED TO 95% MAXIMUM DENSITY - ASTM D-698

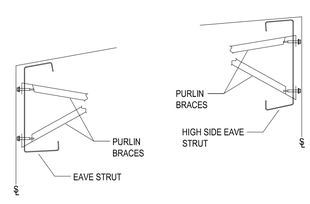
TYPICAL PAVING SECTION

NTS | 3 | S201

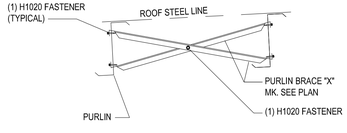


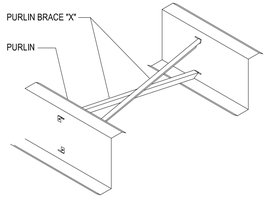
PURLIN LAP DETAIL

NTS | 4 | S201



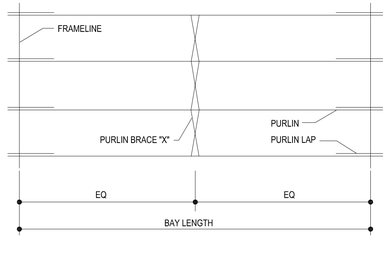
EAVE PURLIN BRACING DETAIL





NOTE: PURLIN BRACING ATTACHMENT METHOD IS THE SAME REGARDLESS OF THE SECONDARY MEMBER TYPE (ZEE, CEE, EAVE STRUT, BEAM, ETC.)

PURLIN BRACING DETAIL



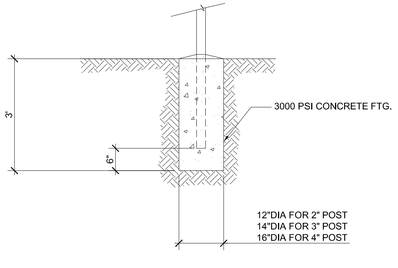
PLAN VIEW OF PURLIN BRACING LOCATIONS PER BAY

1) SEE ROOF FRAMING PLAN(S) FOR PURLIN SIZE & SPACING

2) (1) ROW OF PURLIN BRACING @ MID-SPAN TYPICAL.

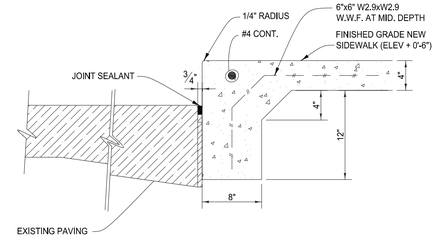
PURLIN BRACING DETAIL

NTS | 6 | S201



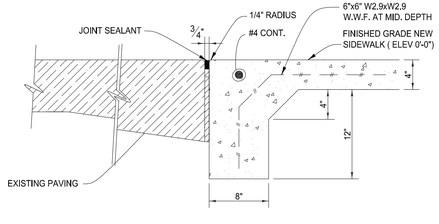
TYPICAL FENCE POST FOUNDATION

NTS | 5 | S201



WALKWAY DETAIL

NTS | 7 | S201



WALKWAY DETAIL

NTS | 8 | S201

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owner:
St. Tammany Parish School Board
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985.898.3291

architect:
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DETAILS

S201

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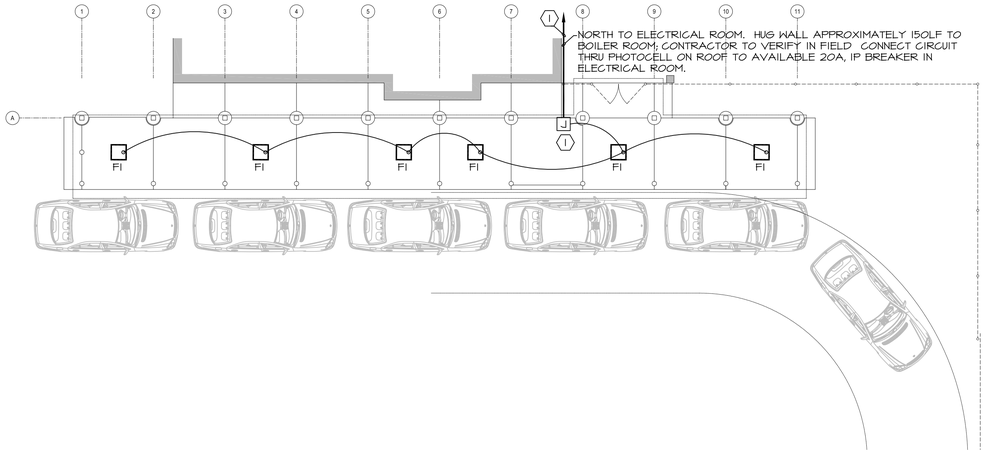
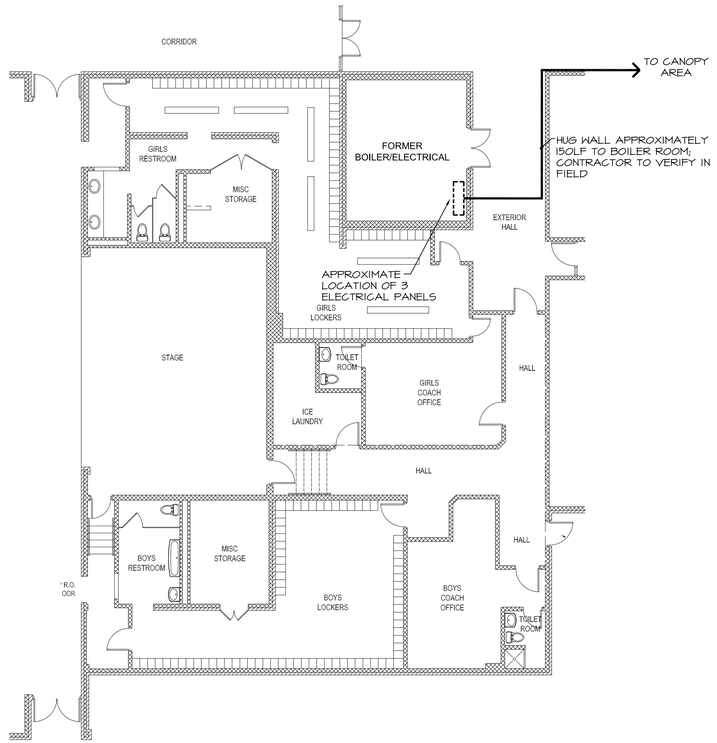


New Drop-Off Canopy Plan - Electrical 1

1/8" = 1'-0"



Conduit Routing at Electrical Room 2

NO SCALE

Conduit Routing Aerial View 3

NO SCALE

ELECTRICAL SPECIFICATIONS

GENERAL

COMPLY WITH NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA); INSULATED POWER CABLE ENGINEERS ASSOCIATION (IPCEA); NATIONAL ELECTRICAL CODE (NFPA NO. 70, 2020); LOUISIANA STATE FIRE MARSHAL REQUIREMENTS; LOCAL REGULATORY AGENCIES; ALL APPLICABLE CODES AND STANDARDS.

ALL APPLICABLE PRODUCTS TO HAVE U.L. LABEL ATTACHED.

ARRANGE AND PAY FOR REQUIRED PERMITS, LICENSES, FEES AND INSPECTIONS.

MATERIALS AND INSTALLATION

ALL MATERIAL SHALL BE NEW, U.L. APPROVED AS SPECIFIED.

INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE, STATE AND LOCAL CODES.

EXTERIOR/ EXPOSED TO WEATHER CONDUIT SHALL BE GRS. UNDERGROUND CONDUIT SHALL BE CONCRETE ENCASED SCHEDULE 40 PVC. UNDERGROUND INSTALLATION SHALL BE IN ACCORDANCE WITH NEC ARTICLE 230 AND 300. BRANCH CIRCUITS SHALL BE RUN IN EMT. MINIMUM SIZE CONDUIT SHALL BE 1/2". FLEXIBLE CONDUIT MAY BE USED FOR BRANCH CIRCUITS IF APPROVED BY LOCAL AUTHORITY. AT CONTRACTORS OPTION, TYPE MC CABLE MAY BE USED IF APPROVED BY LOCAL AUTHORITY, EXCEPT UNDERGROUND AND IN CMU WALLS OR IN CONCRETE SLABS.

WIRING DEVICES SHALL BE SPECIFICATION GRADE AS MANUFACTURED BY LEVITON, OR APPROVED EQUAL.

LABOR AND MATERIAL SHALL BE GUARANTEED FOR ONE (1) YEAR FROM DATE OF ACCEPTANCE.

CONTRACTOR SHALL PROVIDE "AS BUILT" DRAWINGS UPON COMPLETION OF WORK.

GENERAL NOTES THIS SHEET:

A. ALL RACEWAYS SHALL BE 3/4"C WITH PULLWIRE.

B. HATCH LINES DO NOT INDICATE GROUND WIRE.

SPECIFIC NOTES THIS SHEET:

(1) MOUNT JUNCTION BOX AT CANOPY STRUCTURE. ROUTE CONDUIT/WIRING OVERHEAD FROM JUNCTION BOX TO ELECTRICAL ROOM. SEE CONDUIT ROUTING AERIAL VIEW, AND CONDUIT ROUTING AT ELECTRICAL ROOM DETAILS THIS SHEET.

LIGHT FIXTURE SCHEDULE

Mark	MANUFACTURER	MODEL	DESCRIPTION
F1	GARDCO	SFC-5W-48L-400-NW-G2	SURFACE CANOPY LED; IP65

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	
	HOME RUN TO PANEL	CROSS LINES DENOTE NUMBER OF CONDUCTORS WHEN MORE THAN TWO
	CONCEALED WIRING	
J	JUNCTION BOX	

THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY OR UNDER MY CLOSE PERSONAL SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL CITY REQUIREMENTS. WE ARE GENERALLY ADMINISTERING THE WORK AS DESIGNED BY OUR OFFICE.

multistudio
the evolution of gould evans

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License No. E-31254
PROFESSIONAL ENGINEER
ELECTRICAL ENGINEERING

OCTOBER 20, 2023

Site Plan - Electrical

E101

Construction Documents