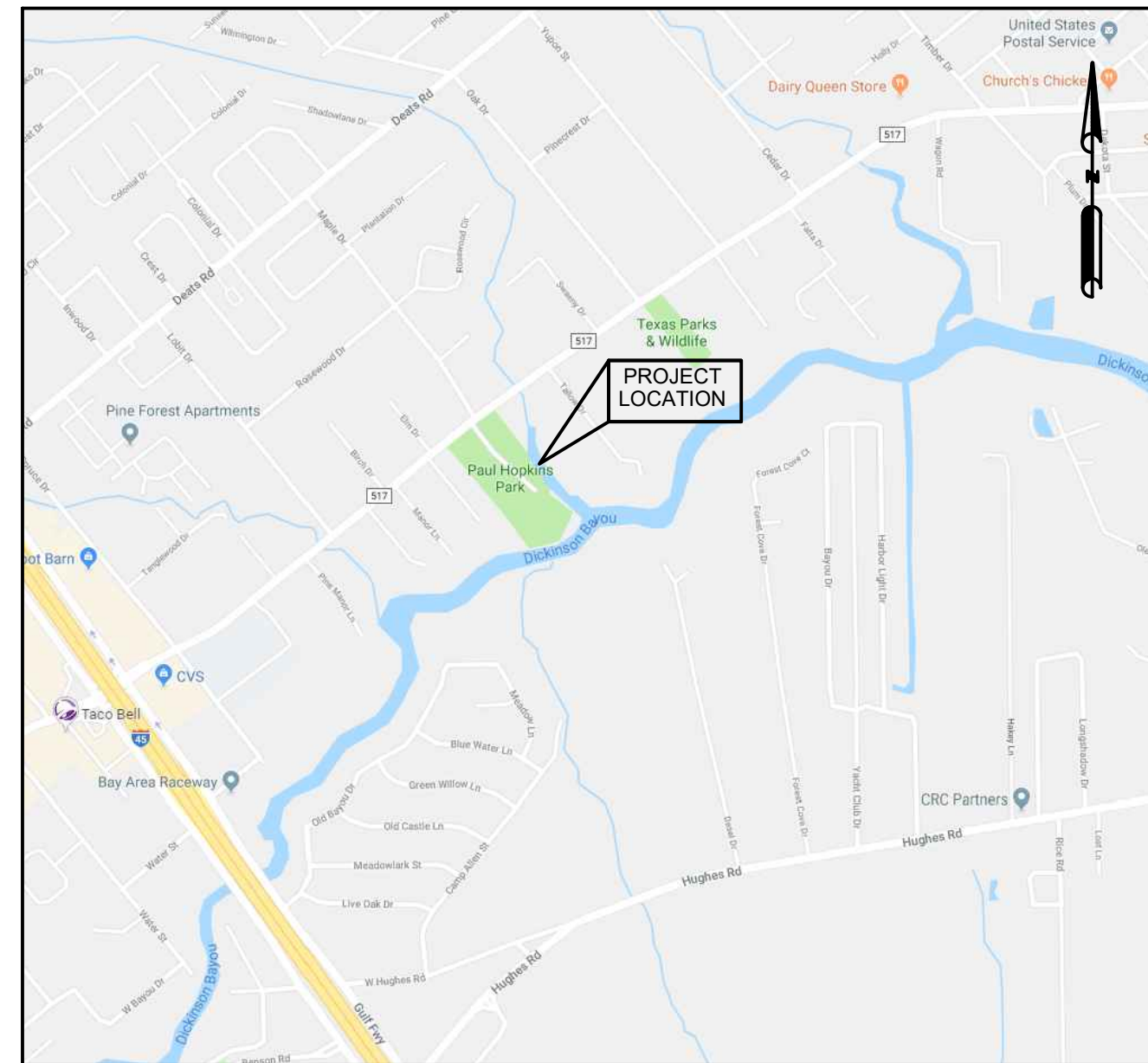
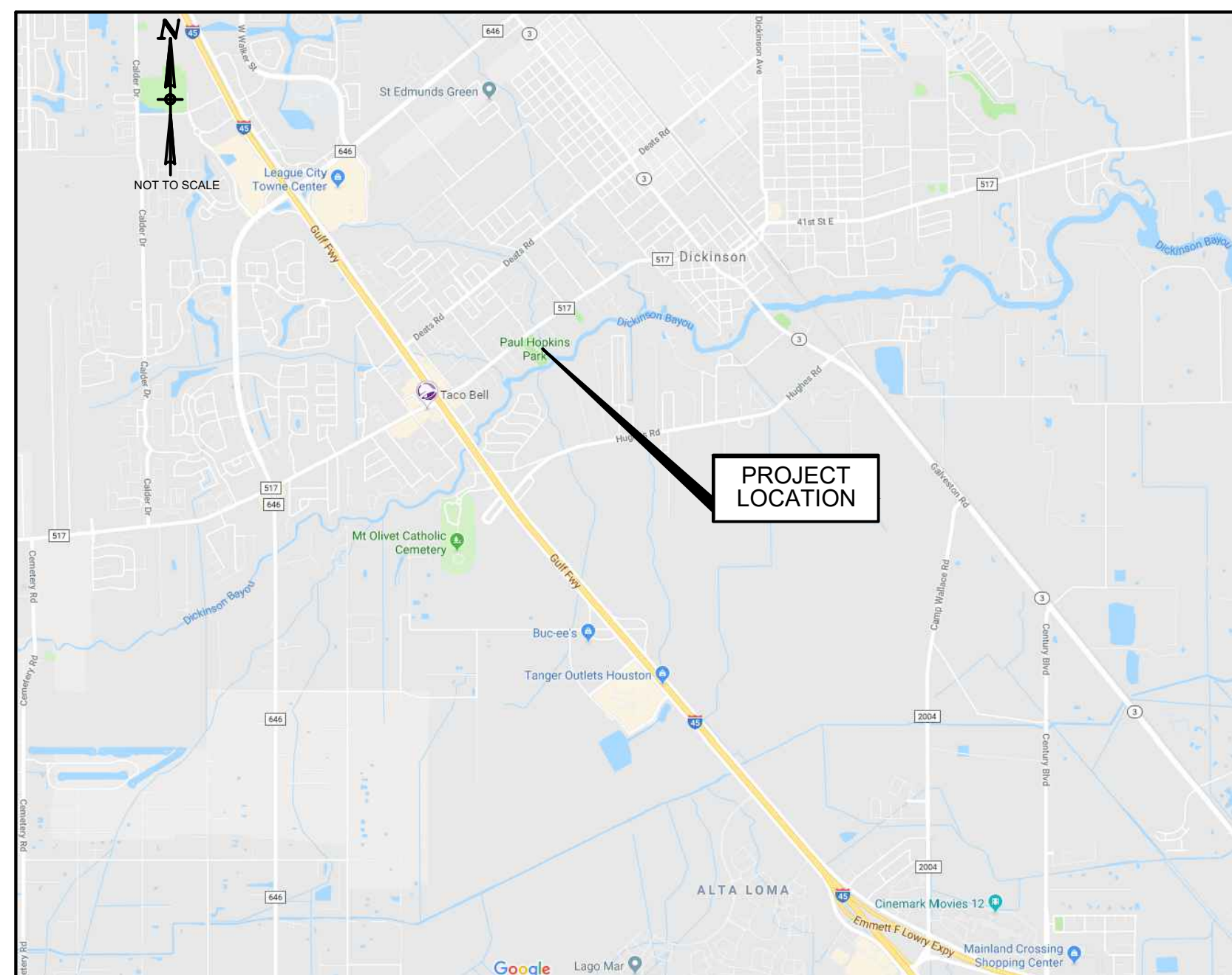


# GALVESTON COUNTY PAUL HOPKINS PARK ELECTRICAL MODIFICATIONS

1000 FM 517, DICKINSON, TEXAS 77539



LOCATION MAP



VICINITY MAP

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E1.2	ELECTRICAL PLAN 2 OF 3
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E5.2	SITE 2
E5.3	SITE 3
E5.4	SITE 4
E5.5	SITE 5
E5.6	SITE 6
E5.7	SITE 7
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S1.1	PLATFORM DETAILS (2 OF 3)
S1.2	PLATFORM DETAILS (3 OF 3)

**GALVESTON COUNTY  
COMMISSIONERS COURT**

COUNTY JUDGE	MARK A. HENRY
COMMISSIONER, PRECINCT NO. 1	DARRELL APFFEL
COMMISSIONER, PRECINCT NO. 2	JOE GIUSTI
COMMISSIONER, PRECINCT NO. 3	STEPHEN D. HOLMES
COMMISSIONER, PRECINCT NO. 4	ROBIN ARMSTRONG

**NOTE: A PRE-CONSTRUCTION MEETING WITH GALVESTON COUNTY ENGINEERING DEPARTMENT IS REQUIRED AT LEAST 10 WORKING DAYS PRIOR TO ON SITE CONSTRUCTION ACTIVITIES. CALL (409) 770-5399 FOR A MEETING DATE AND TIME.**

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10350 RICHMOND AVENUE, SUITE 300  
HOUSTON, TEXAS 77042-4248  
(281) 496-0066  
TBPE FIRM# F-761

04/09/2024  
HZI JOB NO. R308586.01



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No.	Description	Date
1	ISSUE FOR CONSTRUCTION	03/07/24

**GALVESTON COUNTY  
PAUL HOPKINS PARK  
ELECTRICAL  
MODIFICATIONS**

**COVER SHEET**

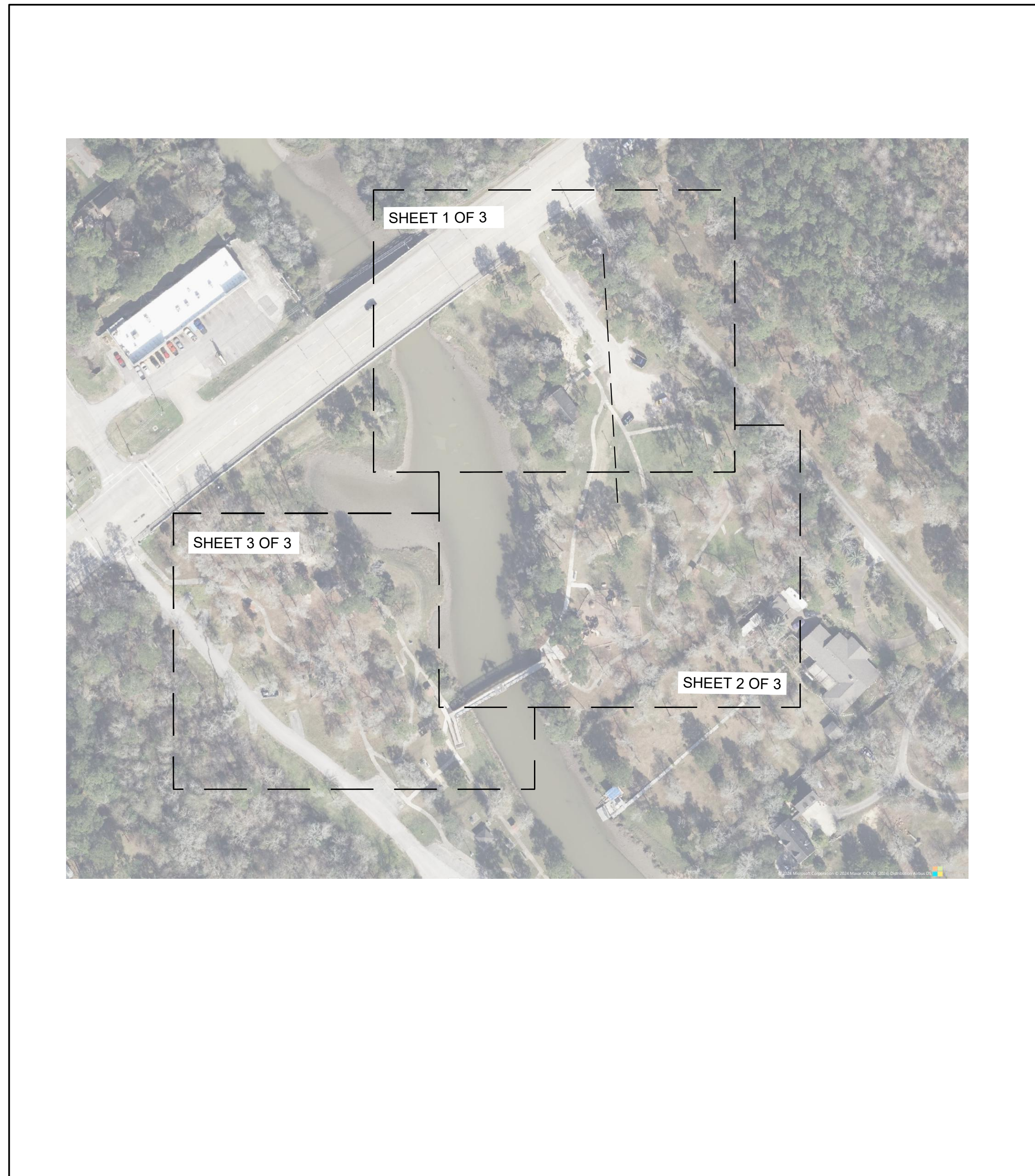
Project number	R308586.01
Date	4/9/2024
Drawn by	CT
Checked by	FA

**GO.0**

Scale



CADFILE: I:\R308586.01 - Post Storm Damage Assessment\05 Design\05.2 Engineering by Discipline\Paul Hopkins Park Electrical\Details\ELECTRICAL SITE PLANS.dwg Plotted: Tue, Apr 09, 2024 @ 2:34 PM By: bschlicher



**1 OVERALL ELECTRICAL PLAN LOCATIONS**  
1"=100'-0"

**GENERAL NOTE**

ALL SITES:  
CONTRACTOR SHALL PROVIDE SIGNAGE ALL SITES, "AUTHORIZED PERSONNEL ONLY, NOT FOR PUBLIC USE"

**ELECTRICAL GENERAL NOTES**

- THE DRAWINGS ARE DIAGRAMMATIC AND ALL MATERIALS AND LABOR REQUIRED TO MAKE THE SYSTEM COMPLETE AND IN SAFE WORKING ORDER SHALL BE PROVIDED. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES.
- THE ELECTRICAL SYSTEM SHALL COMPLY WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE, AND ANY OTHER AUTHORITIES HAVING JURISDICTION OVER THE WORK.
- ALL ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO CONDUIT, WIRE, BOXES AND FITTINGS, SHALL BE NEW AND SHALL MEET NEMA AND ANSI STANDARDS AND SHALL BEAR THE UL LABEL.
- CONTRACTOR IS RESPONSIBLE FOR FILING / PAYING FOR UTILITY FEES AND TEMPORARY POWER THAT PERTAIN TO WORK DONE. CONTRACTOR SHALL DELIVER TO OWNER / CONSTRUCTION MANAGER ALL EQUIPMENT MANUALS (MAINTENANCE, INSTALLATION, USER, ETC.) FOR EQUIPMENT INSTALLED BY CONTRACTOR. CONTRACTOR SHALL ALSO PROVIDE AS-BUILTS AND UTILITY CONTACT INFORMATION TO OWNER / CONSTRUCTION MANAGER.
- ALL WIRING DEVICES SHALL BE COMMERCIAL RATED FOR A MINIMUM OF 20 AMPS UNLESS NOTED OTHERWISE.
- SEAL ALL CONDUITS AT TERMINATIONS THAT RUN BELOW THE SLAB TO MAKE THEM WATERTIGHT.
- CIRCUITING MAY BE DONE AS NECESSARY TO COMBINE CIRCUITS IN COMMON CONDUIT. DERATE CIRCUITS AS REQUIRED PER N.E.C.
- ALL CONDUITS BELOW GRADE SHALL BE PVC WITH RIGID STEEL LONG SWEEP ELBOWS.
- ALL BELOW GRADE GROUNDING CONNECTIONS SHALL BE EXOTHERMIC - NO EXCEPTIONS.
- A SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE PULLED WITH THE CIRCUIT CONDUCTORS FOR GROUNDING WHETHER OR NOT INDICATED ON THE DRAWINGS. METAL RACEWAY, OR A CABLE ARMOR OR SHEATH SHALL NOT BE USED AS AN EQUIPMENT GROUNDING CONDUCTOR.
- 120V/20A CIRCUITS GREATER THAN 50' BUT LESS THAN 100' BETWEEN BREAKER PANEL AND FIRST DEVICE SHALL BE WIRED WITH #10 AWG BETWEEN PANEL AND FIRST DEVICE.
- 120V/20A CIRCUITS GREATER THAN 100' BETWEEN BREAKER PANEL AND FIRST DEVICE SHALL BE WIRED WITH #8 AWG BETWEEN PANEL AND FIRST DEVICE.
- ALL PANELBOARDS OR LOADCENTERS SHALL RECEIVE NAME PLATES WITH PANEL DESIGNATION, VOLTAGE, PHASE AND NUMBER OF WIRES AND TYPED DIRECTORY FOR PANELBOARD BRANCH CIRCUIT IDENTIFICATION.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION POWER.

**ELECTRICAL ABBREVIATIONS**

A	AMPERE	GF/GFCI	GROUND FAULT CIRCUIT INTERRUPTER	NTS	NOT TO SCALE
AFF	ABOVE FINISHED FLOOR	HDG	HOT DIPPED GALVANIZED	OD	OUTSIDE DIAMETER
AFG	ABOVE FINAL GRADE	HP	HORSEPOWER	P	POLE
AIC	AMPERES INTERRUPTING CAPACITY	HZ	HERTZ	PH	PHASE
AL	ALUMINUM	ID	INTERNAL DIAMETER	PR	PAIR SHIELDED CABLE
AMPS	AMPERES	IG	ISOLATED GROUND	PVC	POLYVINYL CHLORIDE CONDUIT
C	CONDUIT	JB, J	JUNCTION BOX	SS	STAINLESS STEEL
CB	CIRCUIT BREAKER	KVA	KILOVOLT-AMPERE	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
CPB	CONCRETE PULL BOX	KW	KILOWATT	UNO	UNLESS NOTED OTHERWISE
CS	COMBINATION STARTER	LED	LIGHT EMITTING DIODE	UPS	UNINTERRUPTIBLE POWER SUPPLY
CT	CURRENT TRANSFORMER	MCB	MAIN CIRCUIT BREAKER	V	VOLT
CTC/CIC	CENTER TO CENTER	MH	MANHOLE	W	WATT
EGC	EQUIPMENT GROUNDING CONDUCTOR	MLO	MAIN LUGS ONLY	WP	WEATHERPROOF
EWC	ELECTRIC WATER COOLER	NC	NORMALLY CLOSED	XFMR	TRANSFORMER
FT	FEET	NF	NON-FUSED		
G	GROUND	NO	NORMALLY OPEN, NUMBER		
GA	GAUGE				

**STRUCTURAL GENERAL NOTES**

**WOOD FRAMING NOTES:**

- ALL LUMBER SHALL BE KILN DRIED AFTER TREATMENT IN ACCORDANCE WITH AWWA M4.
  - DECKING, HANDRAILS, SLATS, AND RAILING SUPPORTS SHALL BE TREATED WITH ACO AT 0.6 PCF IN ACCORDANCE WITH AWWA U1 (UC4B).
  - ALL POSTS IN CONTACT WITH GROUND SHALL BE "CCA" TREATED.
  - SURFACE TREATMENT OF FIELD CUTS: ALL FIELD CUTS SHALL BE FIELD TREATED WITH ACO AT 0.6 PCF IN ACCORDANCE WITH AWWA U1 (UC4B).
  - ALL FASTENERS AND HARDWARE SHALL BE HOT DIP GALVANIZED (HDG) EXCEPT STAINLESS STEEL HANDRAIL REQUIRES STAINLESS STEEL FASTENERS.
  - PROVIDE 4'-6 1/2" WIDE STAIR TREADS AND HANDRAILS ON BOTH SIDES OF STAIRS WITH 4'-0" CLEAR.
  - RISERS SHALL BE OF EQUAL HEIGHT NOT TO EXCEED 7.5" TALL.
- ALL DIMENSIONAL LUMBER SHALL BE SOUTHERN PINE #2 U.N.O.



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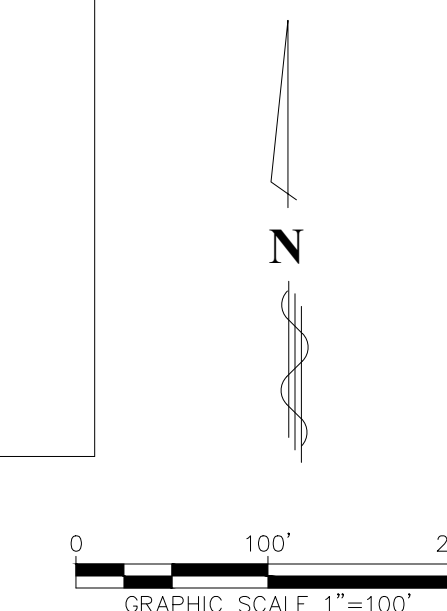
**GALVESTON COUNTY  
PAUL HOPKINS PARK  
ELECTRICAL  
MODIFICATIONS**

**OVERALL ELECTRICAL PLAN**

Project number R308586.01  
Date 4/9/2024  
Drawn by CT  
Checked by FA

**E1.0**

Scale





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MATCH LINE ELECTRICAL PLAN 2 OF 3

1 ELECTRICAL PLAN 1 OF 3  
1"=30'-0"

GENERAL NOTES:

1. SITES SHOWN ARE APPROXIMATE

NOTE BY SYMBOL

- ① CONTRACTOR TO PROVIDE NEW 2" C. TO EXISTING SITE W/ (4) #3/0 AND (1) #6 GND. CONTRACTOR MUST FIELD VERIFY EXACT WIRE SIZE.



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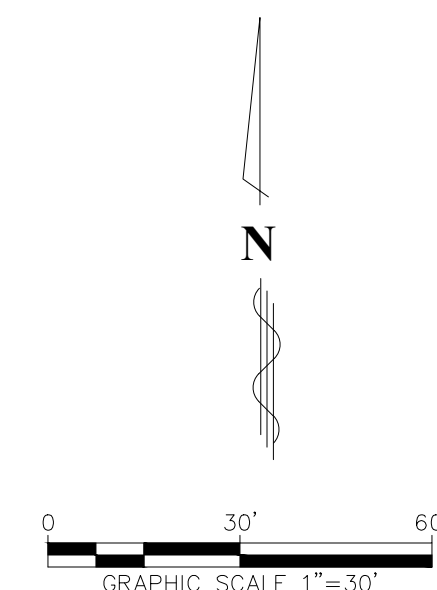
GALVESTON COUNTY  
PAUL HOPKINS PARK  
ELECTRICAL  
MODIFICATIONS

**ELECTRICAL PLAN 1 OF 3**

Project number R308586.01  
Date 4/9/2024  
Drawn by CT  
Checked by FA

**E1.1**

Scale





CADFILE: I:\R308586.01 - Post Storm Damage Assessment\05 Design\05.2 Engineering by Discipline\Paul Hopkins Park Electrical Details\ELECTRICAL SITE PLANS.dwg Plotted: Tue, Apr 09, 2024 @ 2:34 PM By: bschlicher



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① CONTRACTOR TO PROVIDE NEW 2" C. TO EXISTING SITE W/ (4) #3/0 AND (1) #6 GND. CONTRACTOR MUST FIELD VERIFY EXACT WIRE SIZE.



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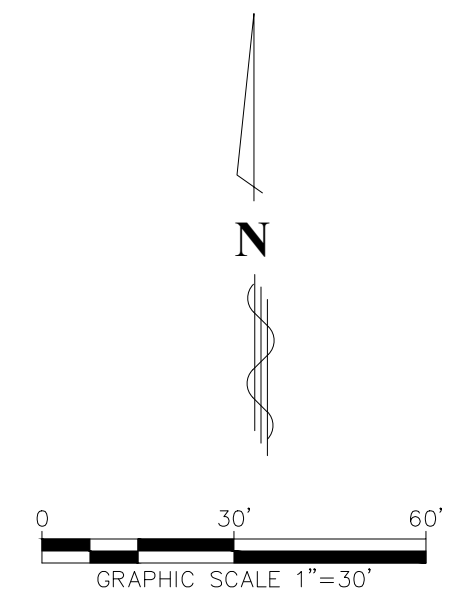
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Project number R308586.01  
Date 4/9/2024  
Drawn by CT  
Checked by FA

**E1.2**

Scale

① ELECTRICAL PLAN 2 OF 3  
1"=30'-0"



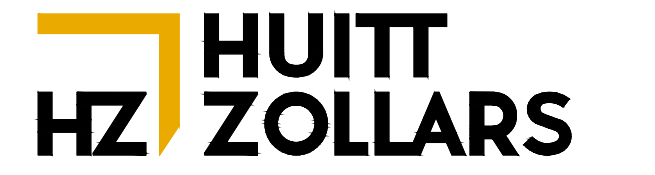




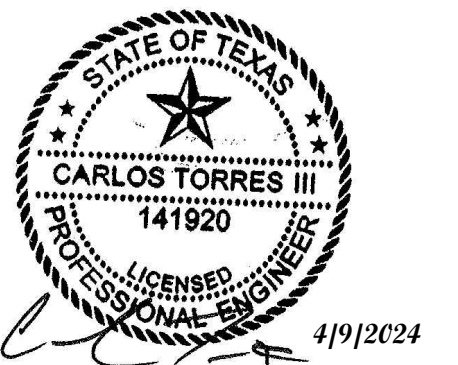
**MAGNOLIA BAYOU**

SITE 1  
SEE DETAIL  
2/E5.1

GENERAL NOTES:  
1. SITES SHOWN ARE APPROXIMATE



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MODIFICATIONS

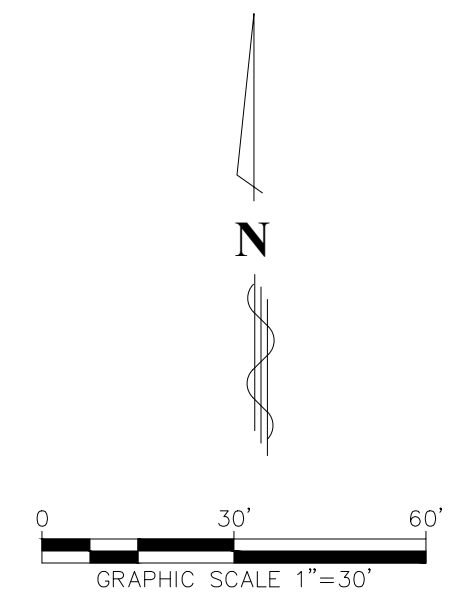
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Project number R308586.01  
Date 4/9/2024  
Drawn by CT  
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**E1.3**

Scale

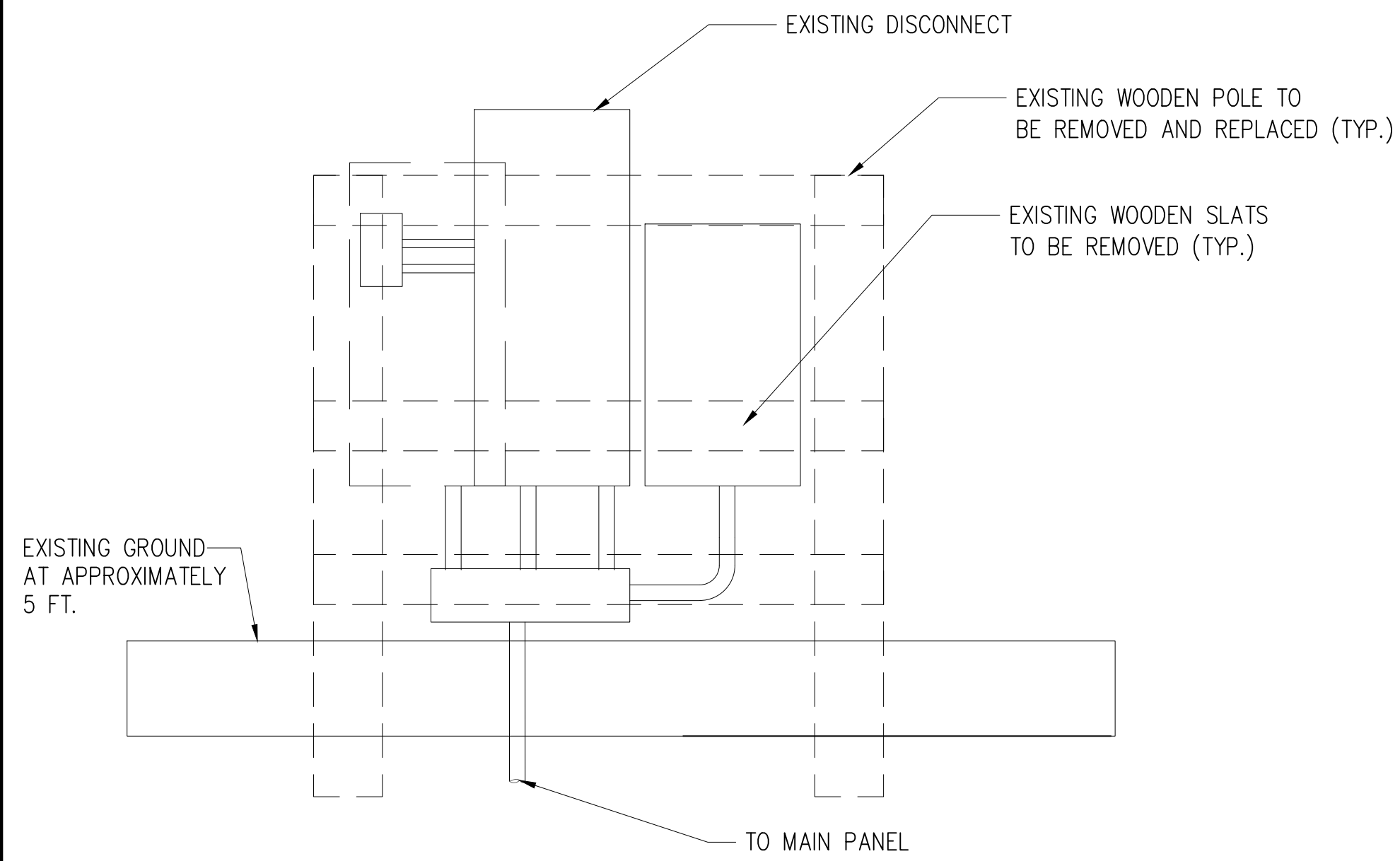
**1** ELECTRICAL PLAN 3 OF 3  
1"=30'-0"





GENERAL NOTES:

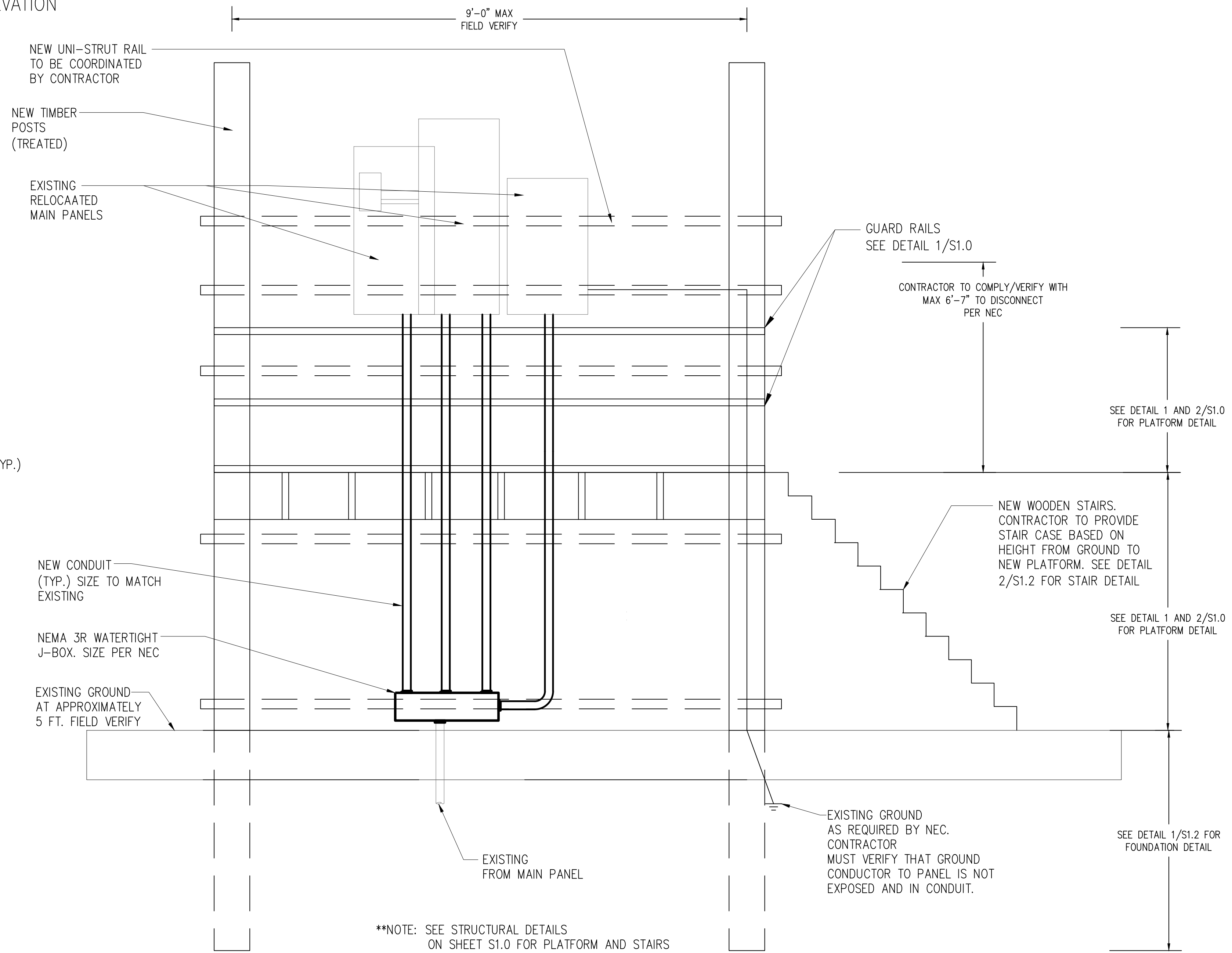
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1 SITE 1 EXISTING PROFILE VIEW  
NTS



3 SITE 1 EXISTING REFERENCE PHOTO  
NTS



2 SITE 1 PROPOSED NEW PROFILE VIEW  
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MODIFICATIONS

**ELECTRICAL DETAILS  
SITE 1**

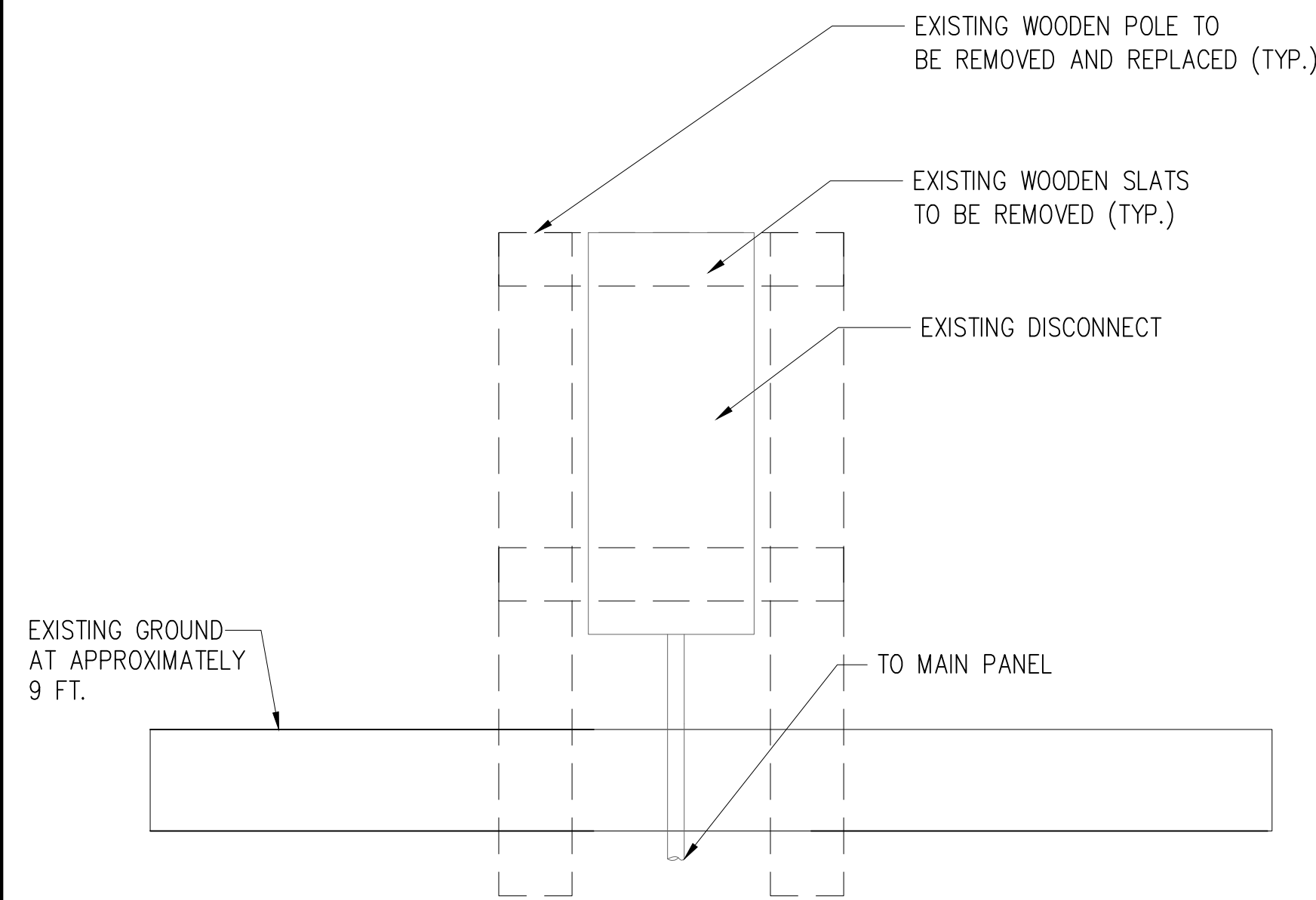
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Date 4/9/2024  
Drawn by CT  
Checked by FA

**E5.1**

Scale



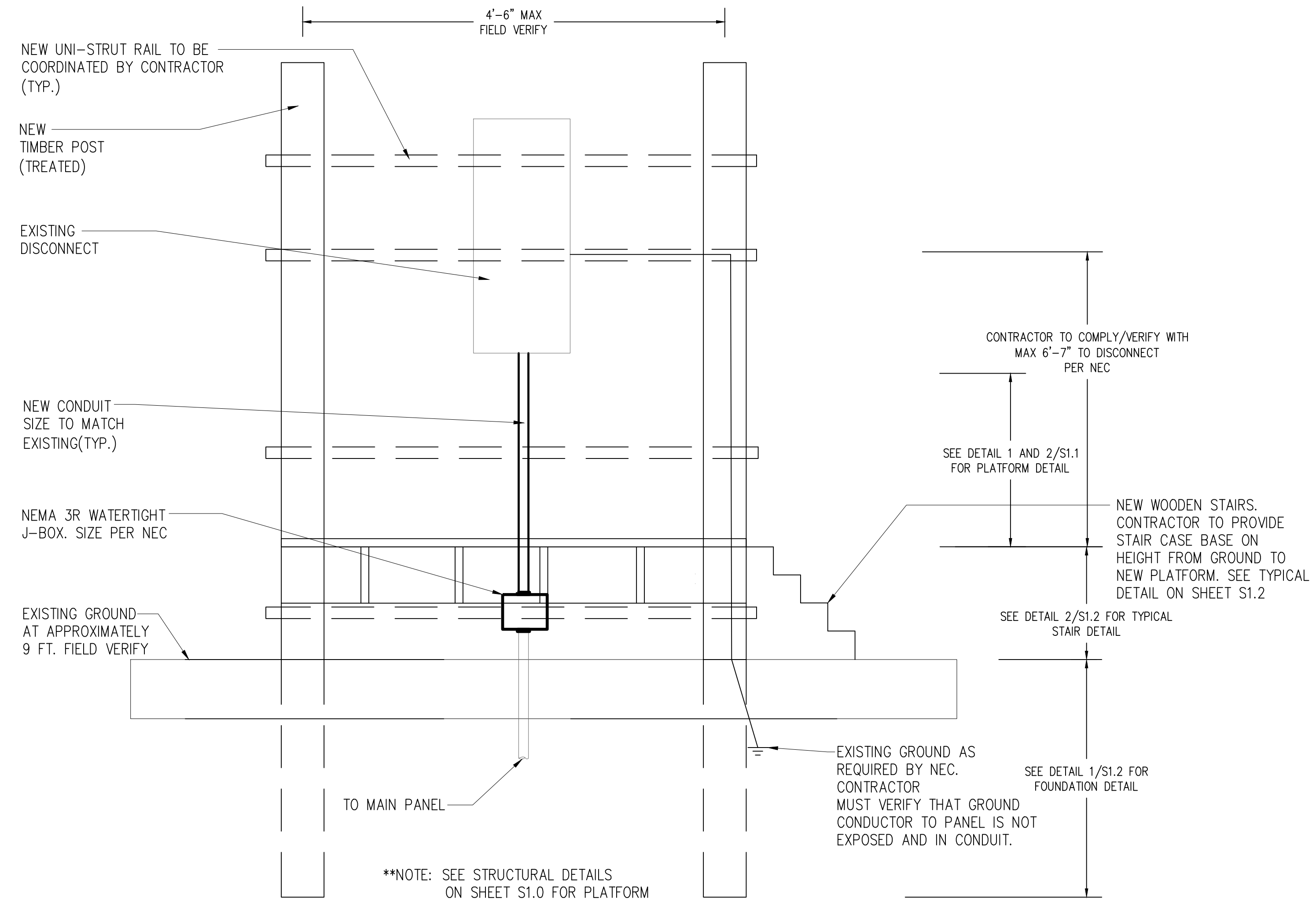
GENERAL NOTES:  
 1. RAISE EXISTING ELECTRICAL PANELS 1' ABOVE 100-YEAR BASE FLOOD ELEVATION OF 14.0 FT.



1 SITE 2 EXISTING PROFILE VIEW  
 NTS



3 SITE 2 EXISTING REFERENCE PHOTO  
 NTS



2 SITE 2 PROPOSED NEW PROFILE VIEW  
 NTS



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**ELECTRICAL DETAILS  
 SITE 2**

Project number R308586.01  
 Date 4/9/2024  
 Drawn by CT  
 Checked by FA

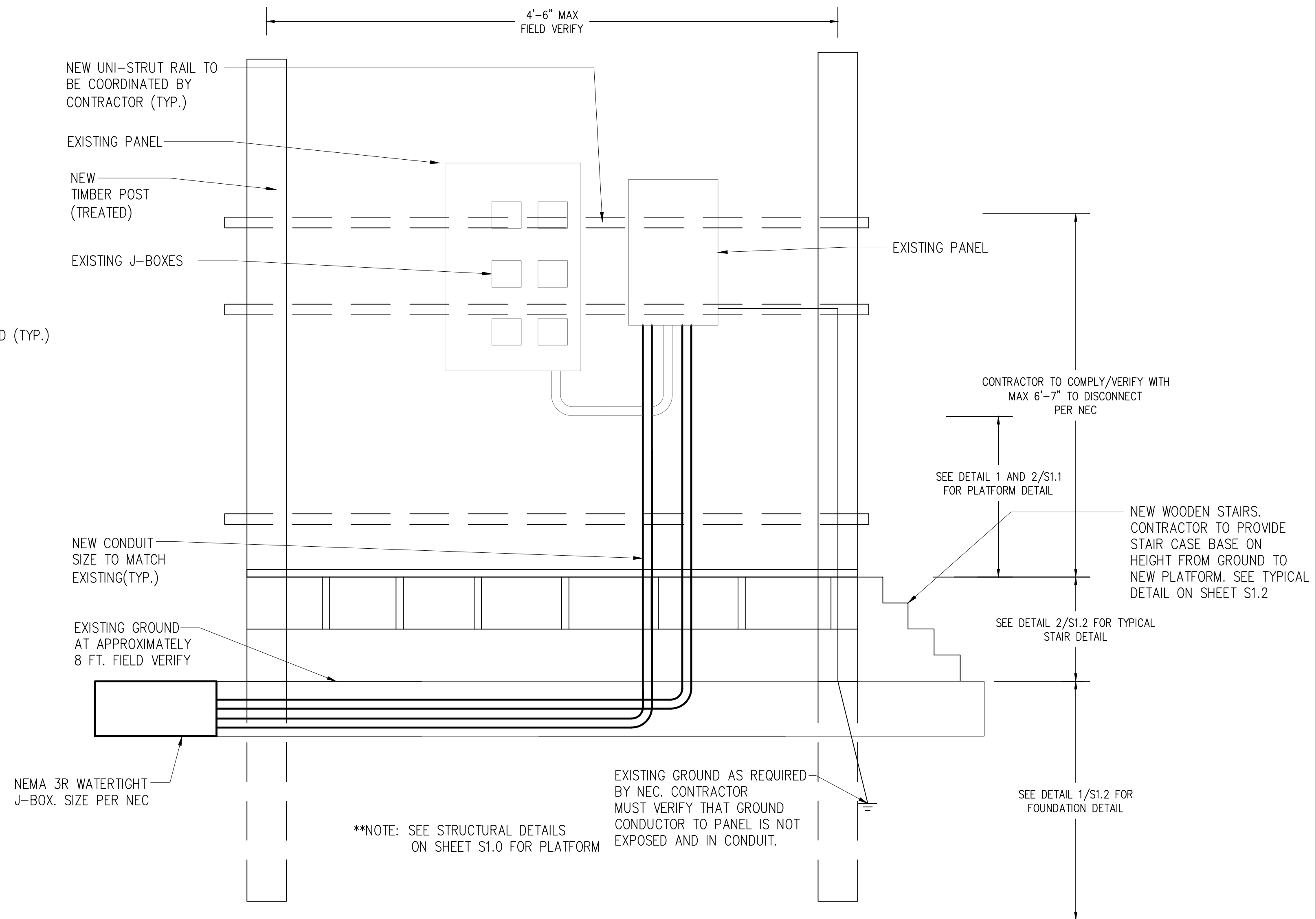
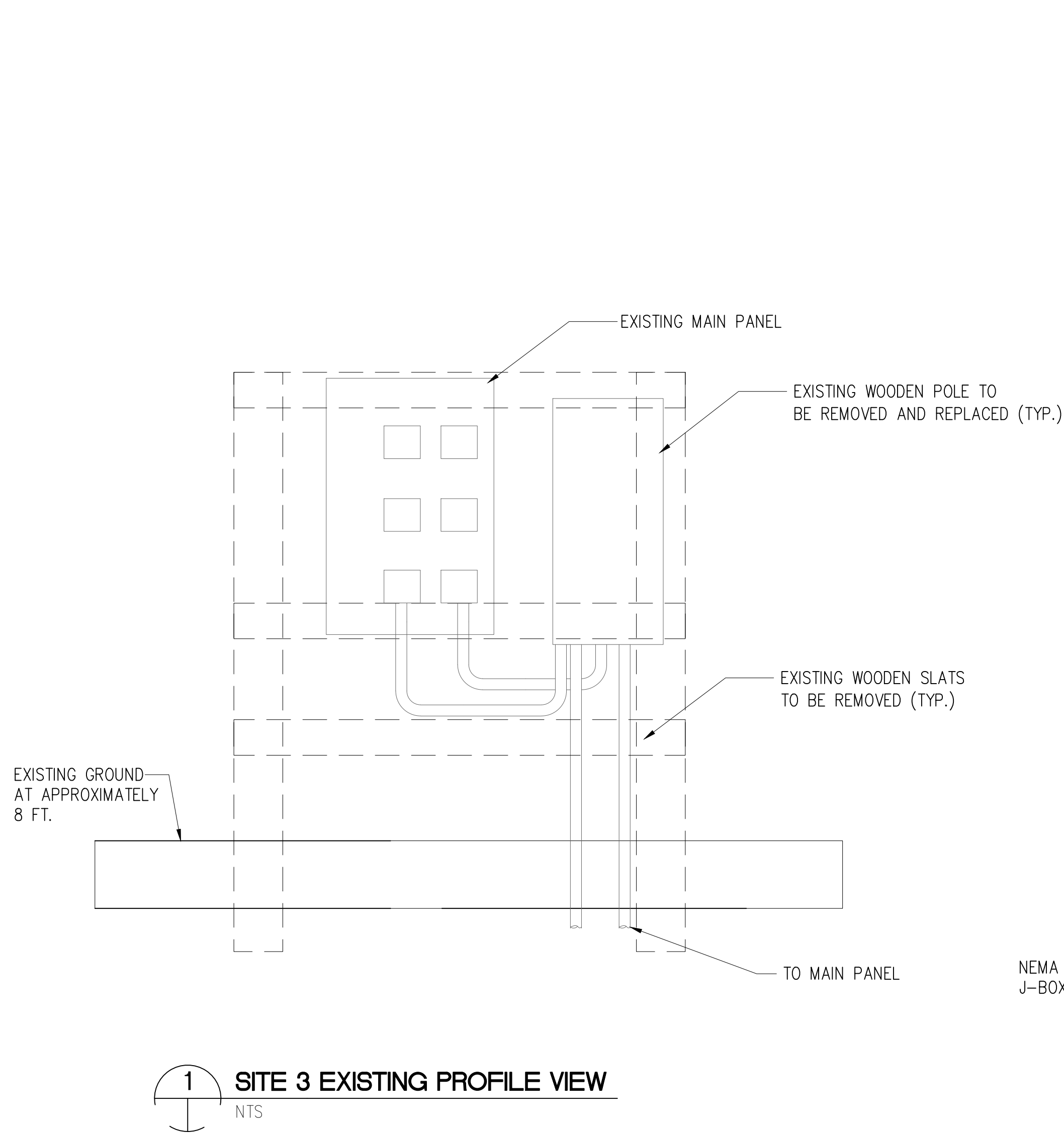
**E5.2**

Scale



GENERAL NOTES:

1. RAISE EXISTING ELECTRICAL PANELS 1' ABOVE 100-YEAR BASE FLOOD ELEVATION OF 14.0 FT.



**3 SITE 3 EXISTING REFERENCE PHOTO**  
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ELECTRICAL  
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**ELECTRICAL DETAILS  
SITE 3**

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Drawn by CT  
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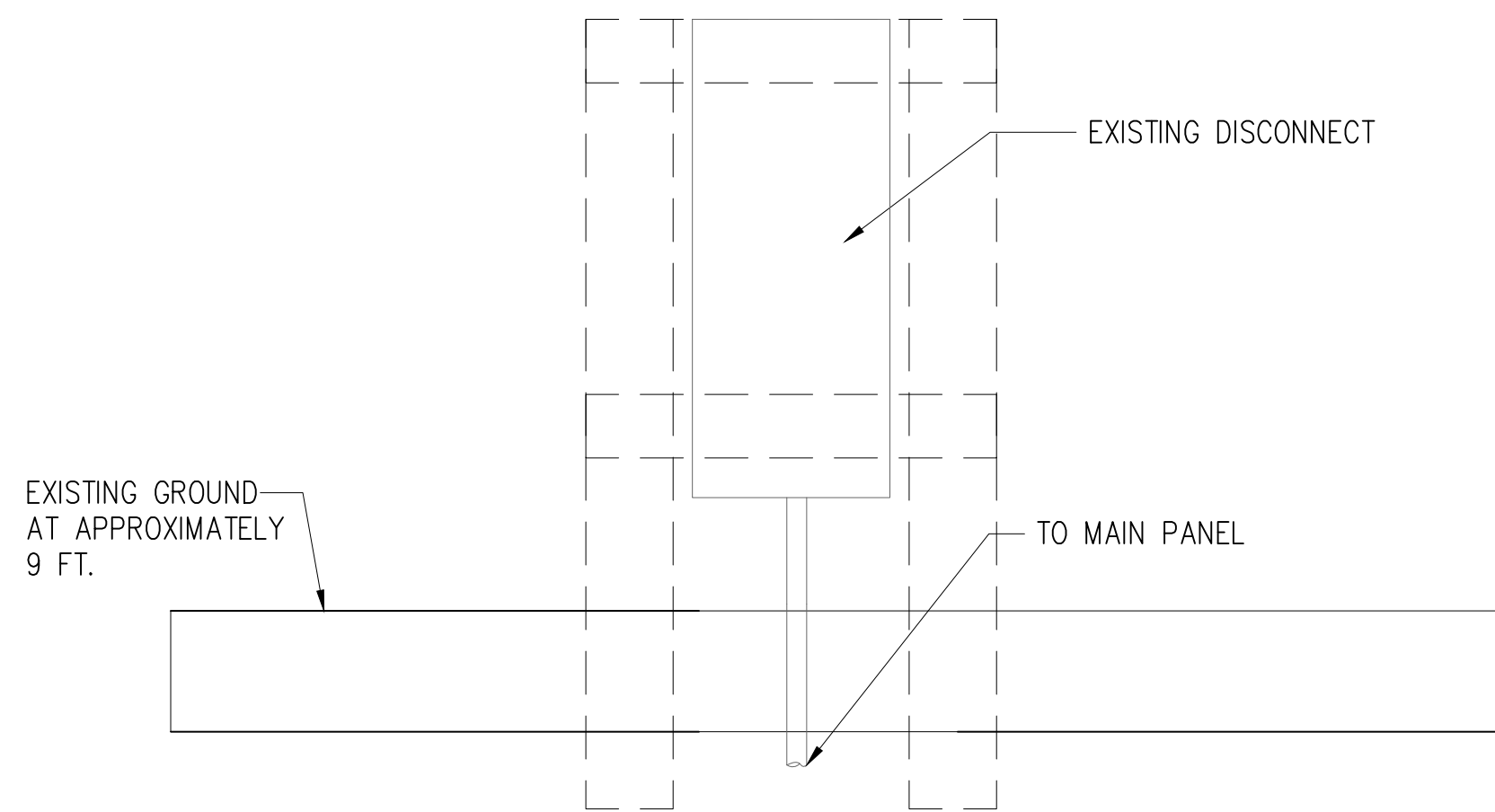
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Scale



GENERAL NOTES:

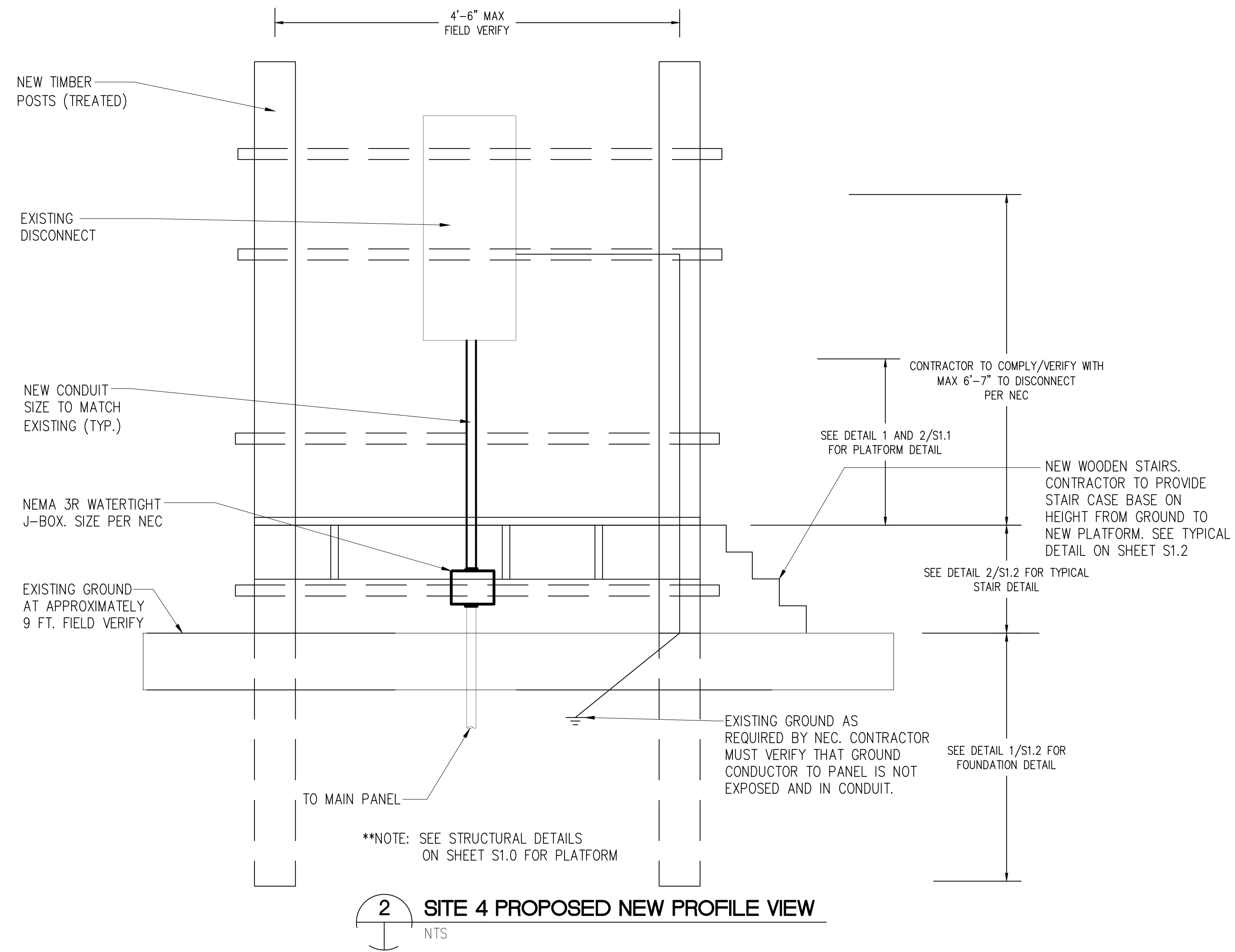
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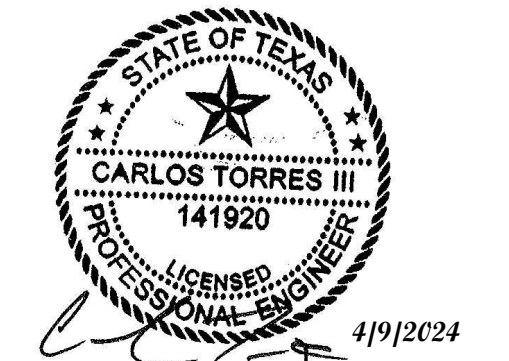
1 SITE 4 EXISTING PROFILE VIEW  
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3 SITE 4 EXISTING REFERENCE PHOTO  
NTS



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**ELECTRICAL DETAILS  
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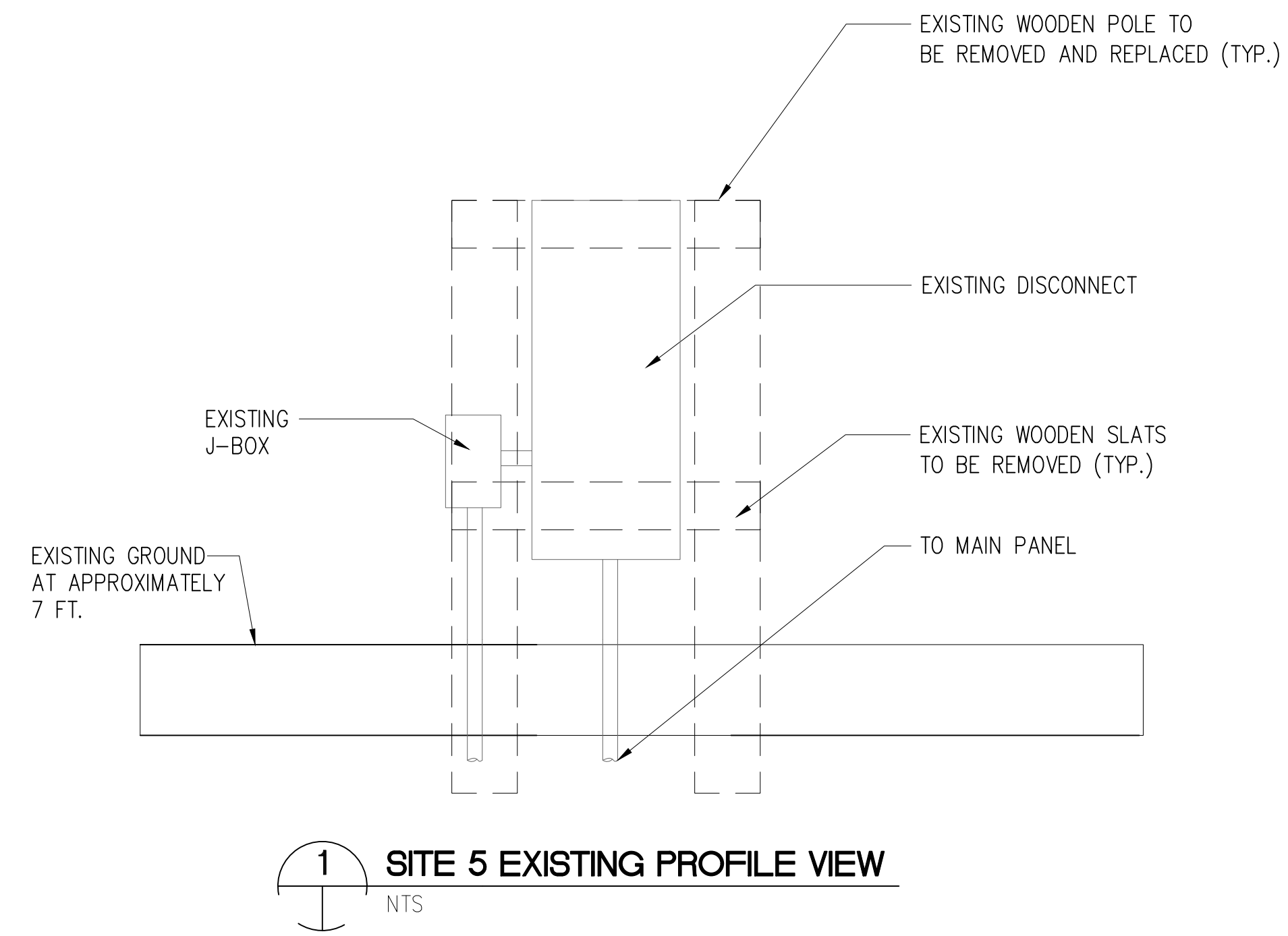
Project number	R308586.01
Date	4/9/2024
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Checked by	FA

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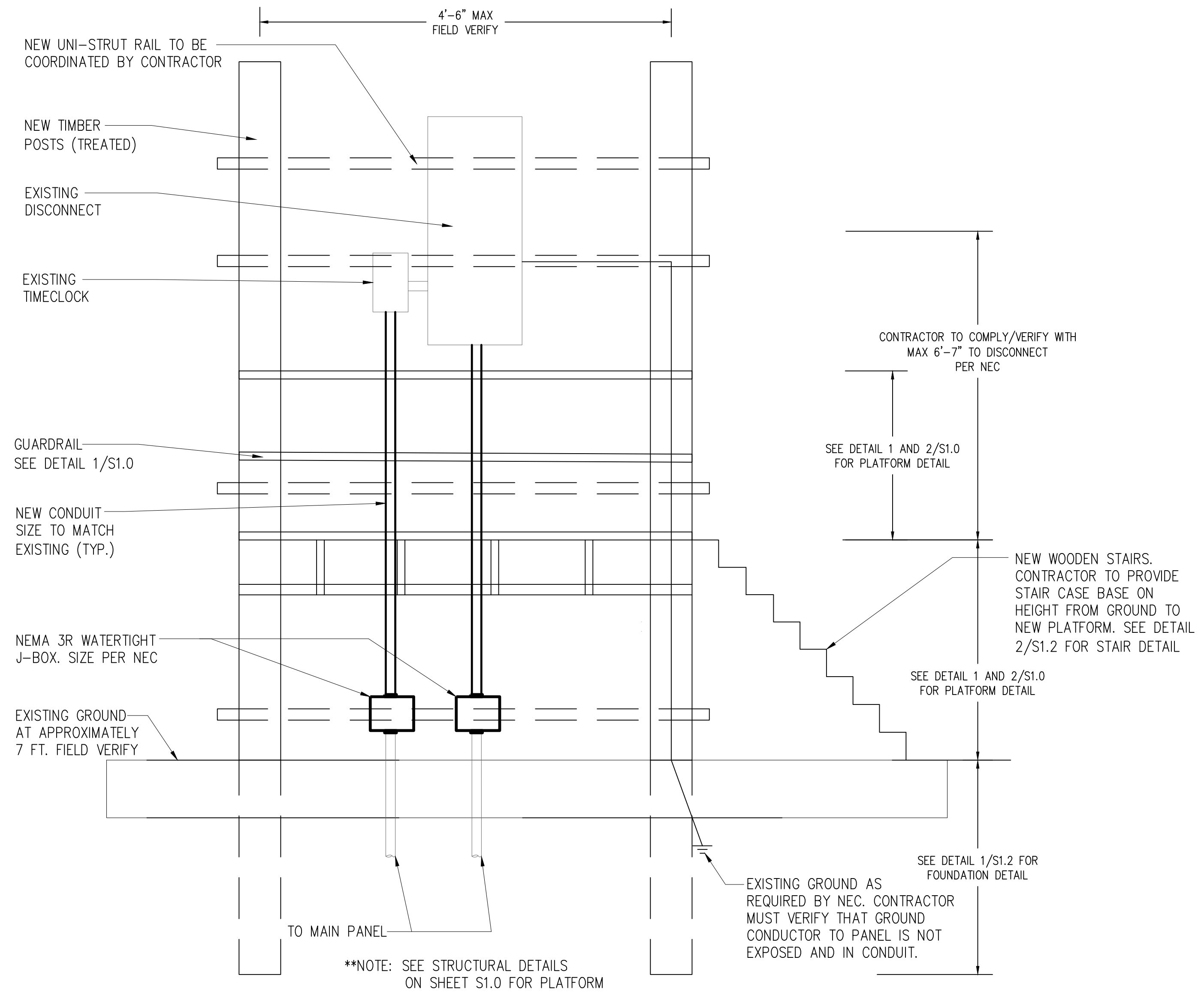
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GENERAL NOTES:  
 1. RAISE EXISTING ELECTRICAL PANELS 1' ABOVE 100-YEAR BASE FLOOD ELEVATION OF 14.0 FT.



3 SITE 5 EXISTING REFERENCE PHOTO  
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2 SITE 5 PROPOSED NEW PROFILE VIEW  
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GALVESTON COUNTY  
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 ELECTRICAL  
 MODIFICATIONS

**ELECTRICAL DETAILS  
 SITE 5**

Project number R308586.01  
 Date 4/9/2024  
 Drawn by CT  
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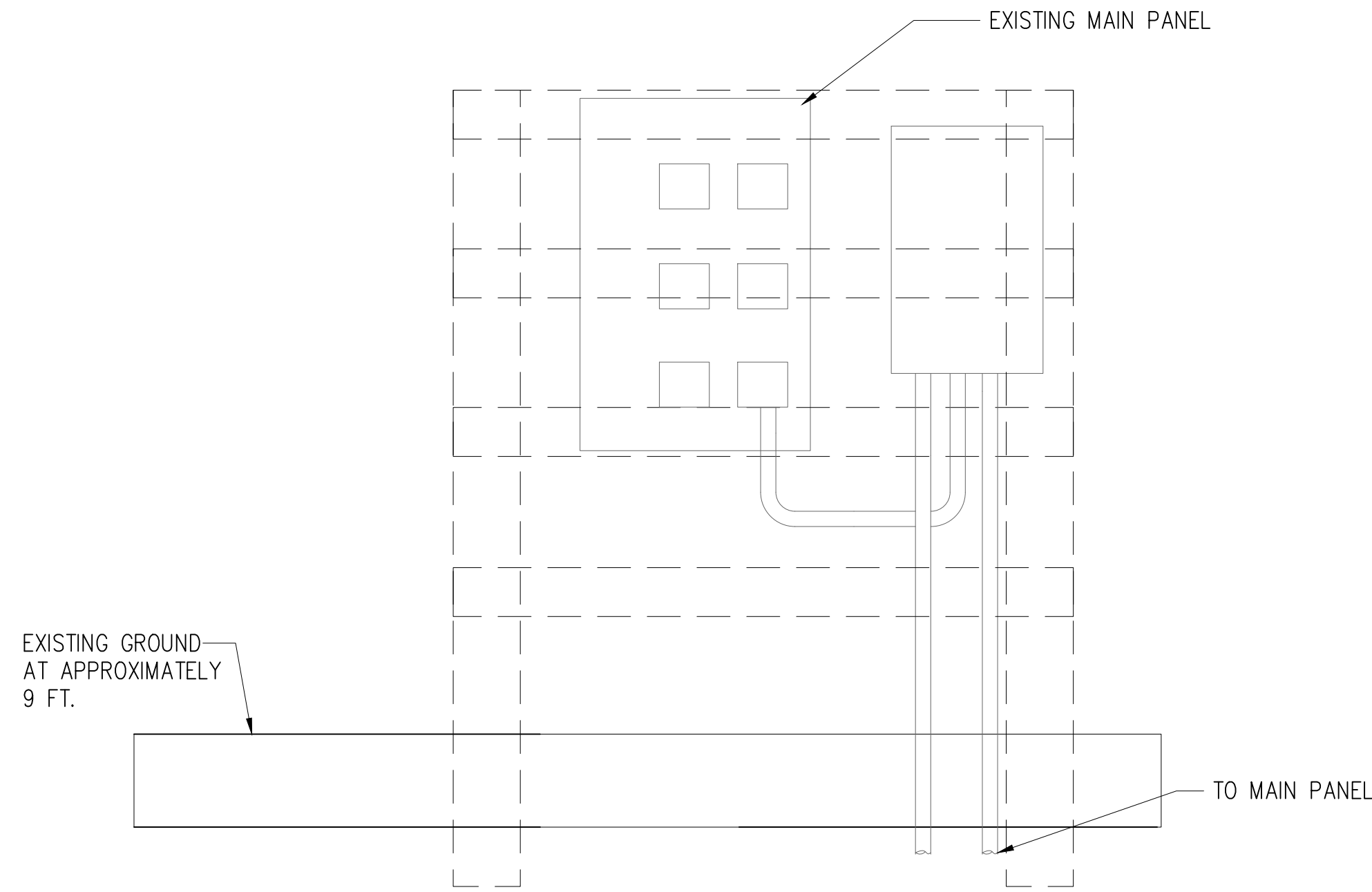
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GENERAL NOTES:

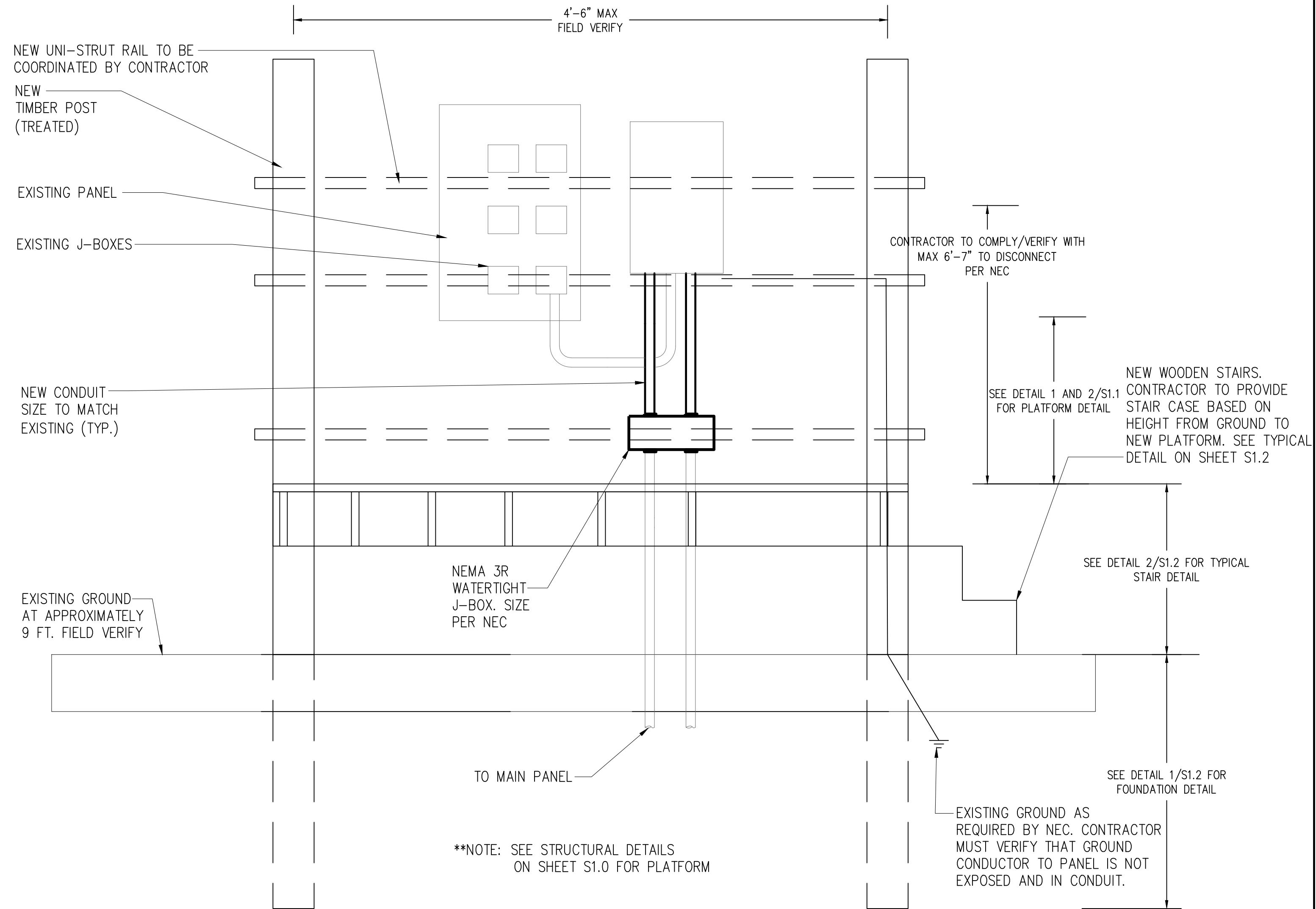
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**1 SITE 6 EXISTING PROFILE VIEW**  
NTS



**3 SITE 6 EXISTING REFERENCE PHOTO**  
NTS

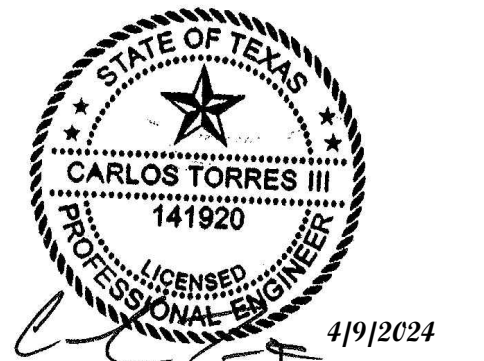


**2 SITE 6 PROPOSED NEW PROFILE VIEW**  
NTS

\*\*NOTE: SEE STRUCTURAL DETAILS ON SHEET S1.0 FOR PLATFORM



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**ELECTRICAL DETAILS  
SITE 6**

Project number R308586.01  
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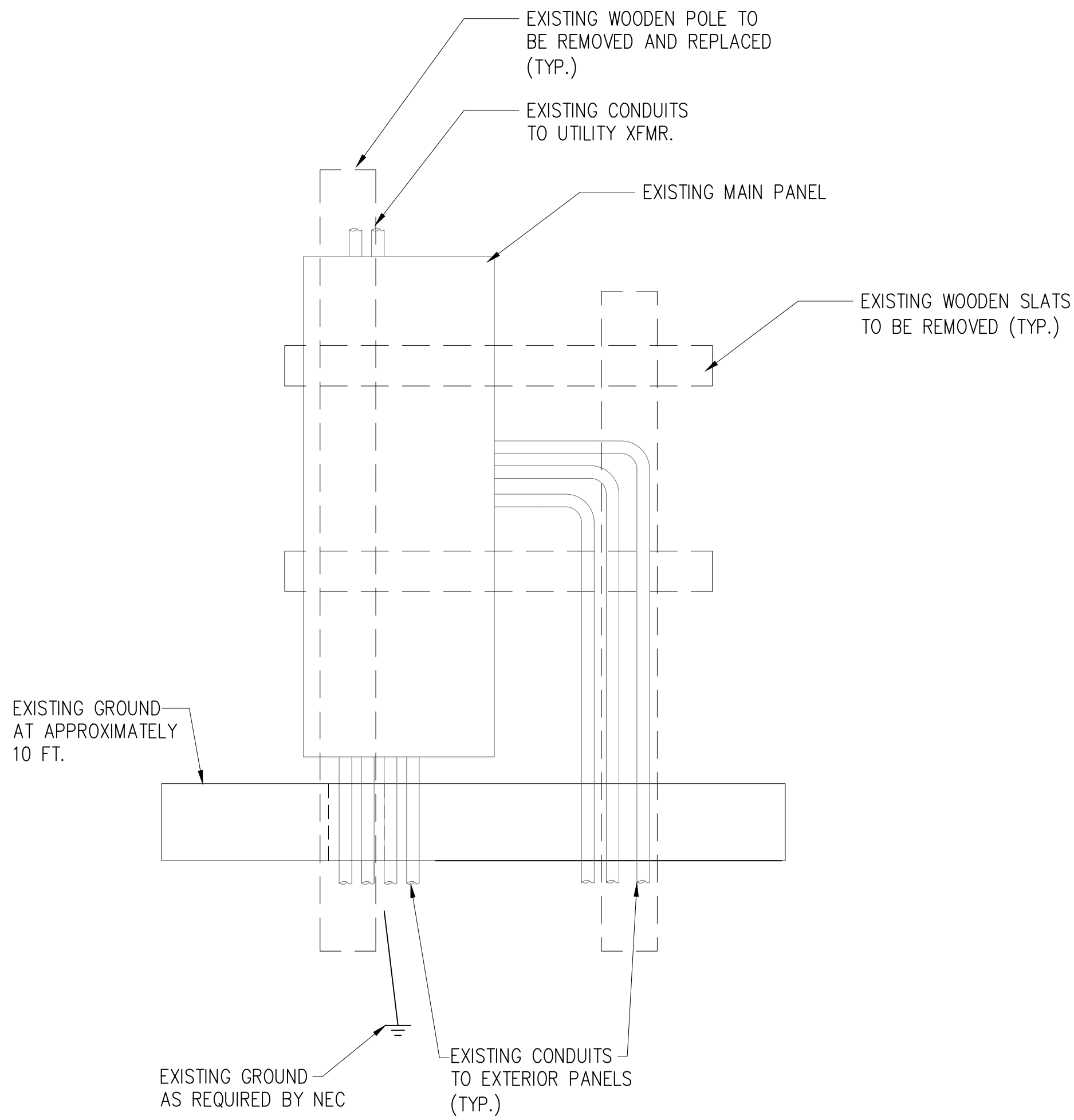
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GENERAL NOTES:

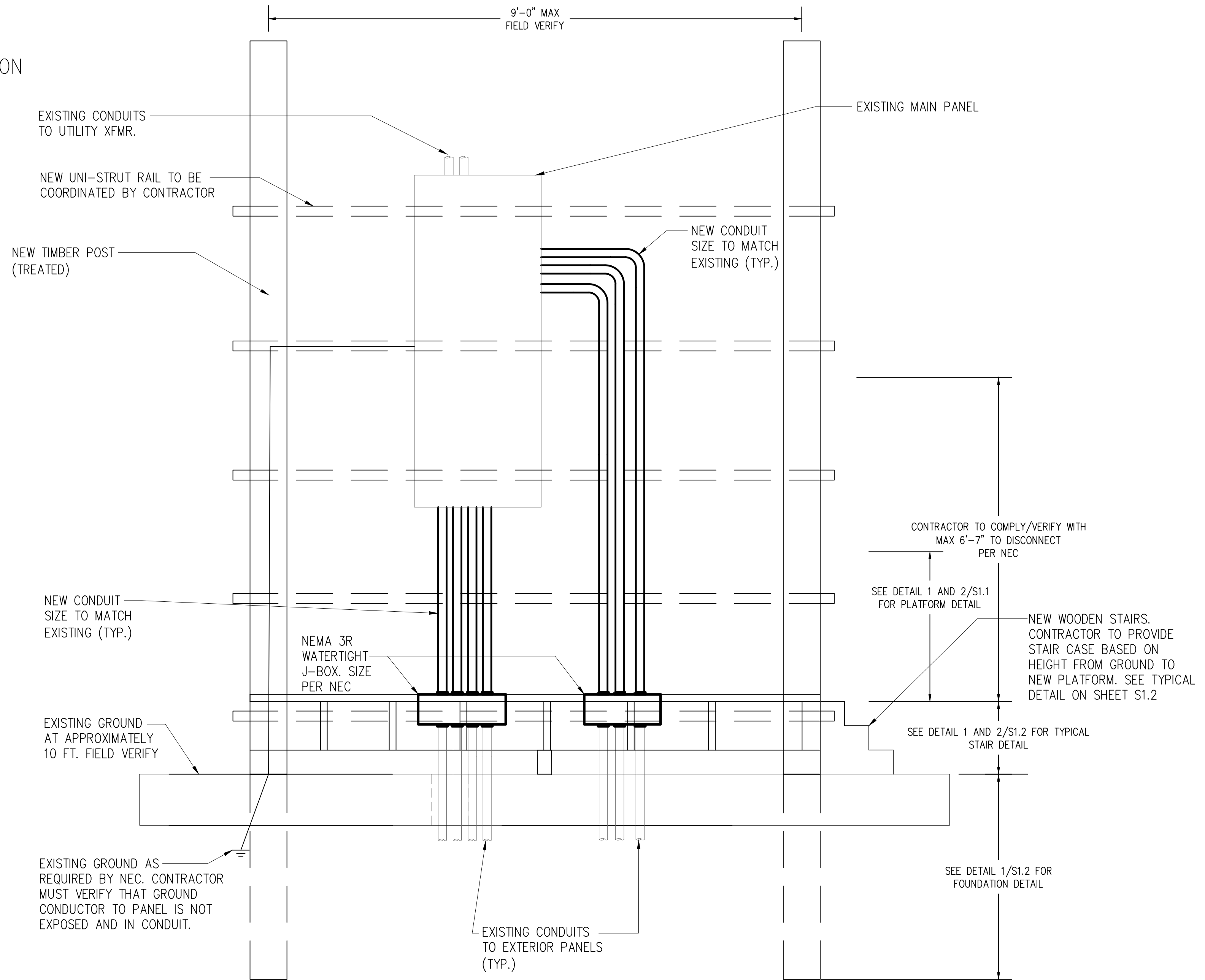
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**1 SITE 7 EXISTING PROFILE VIEW**  
NTS



**3 SITE 7 EXISTING REFERENCE PHOTO**  
NTS



**2 SITE 7 PROPOSED NEW PROFILE VIEW**  
NTS



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**GALVESTON COUNTY  
PAUL HOPKINS PARK  
ELECTRICAL  
MODIFICATIONS**

**ELECTRICAL DETAILS  
SITE 7**

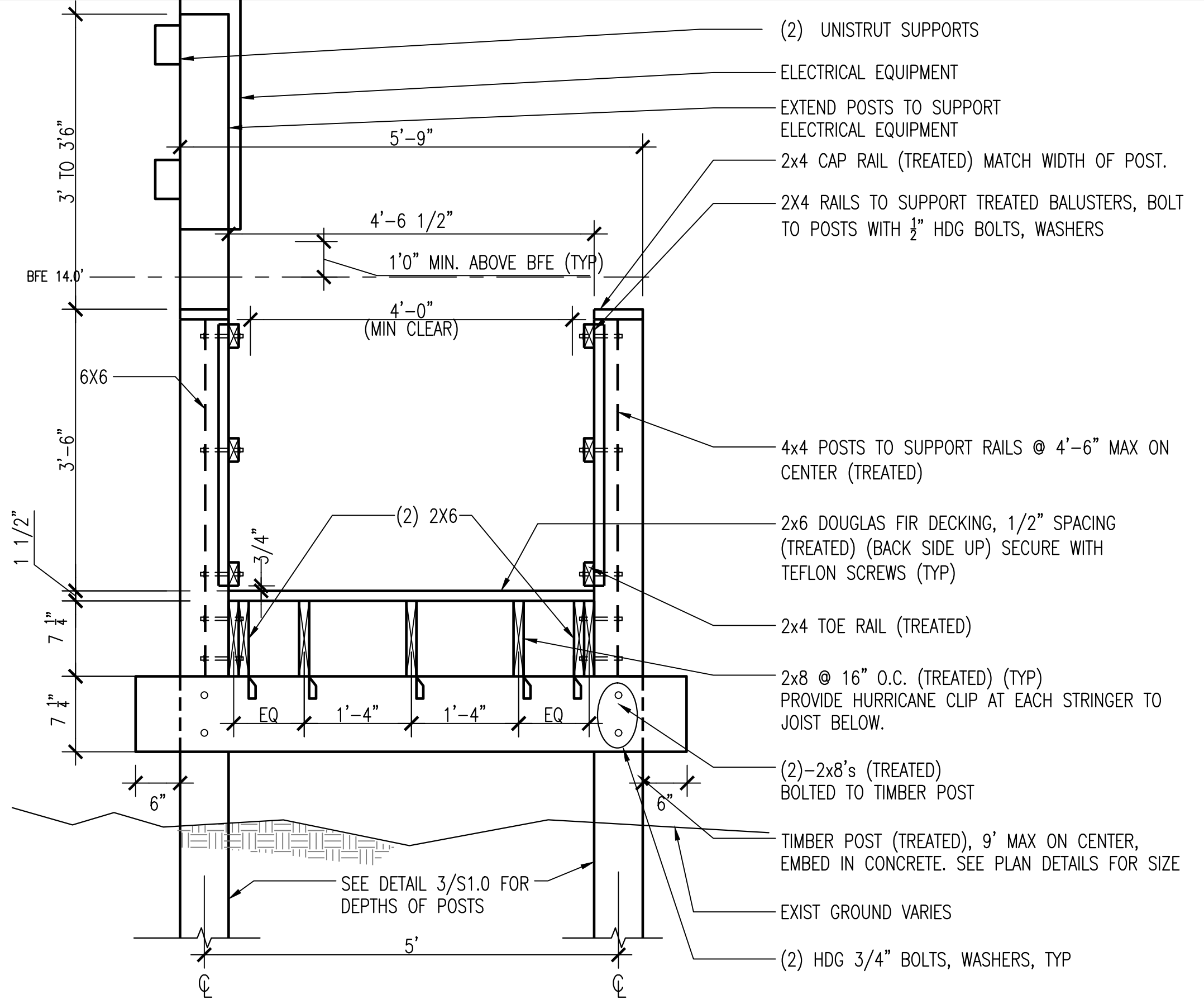
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Date 4/9/2024  
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**E5.7**

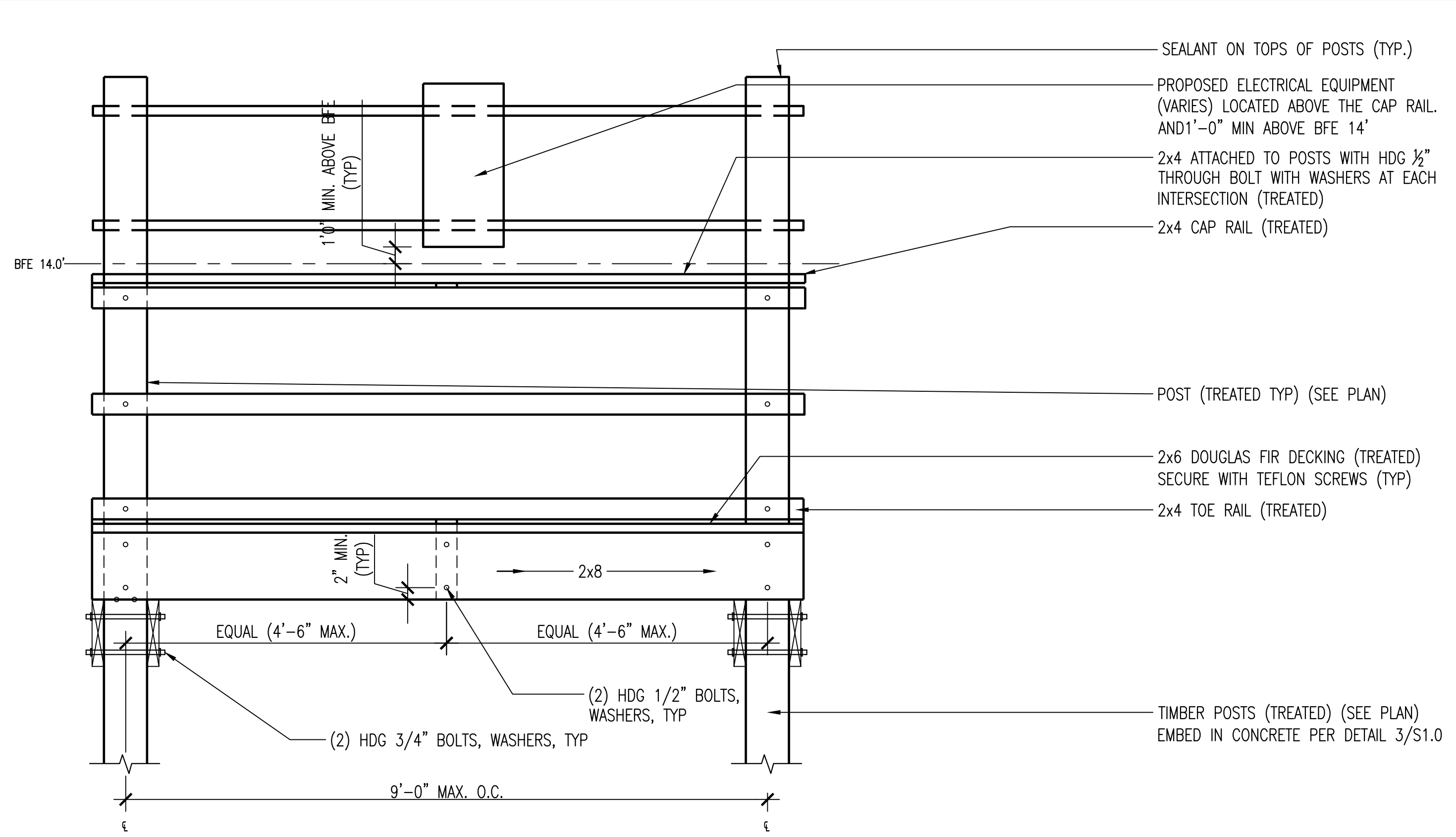
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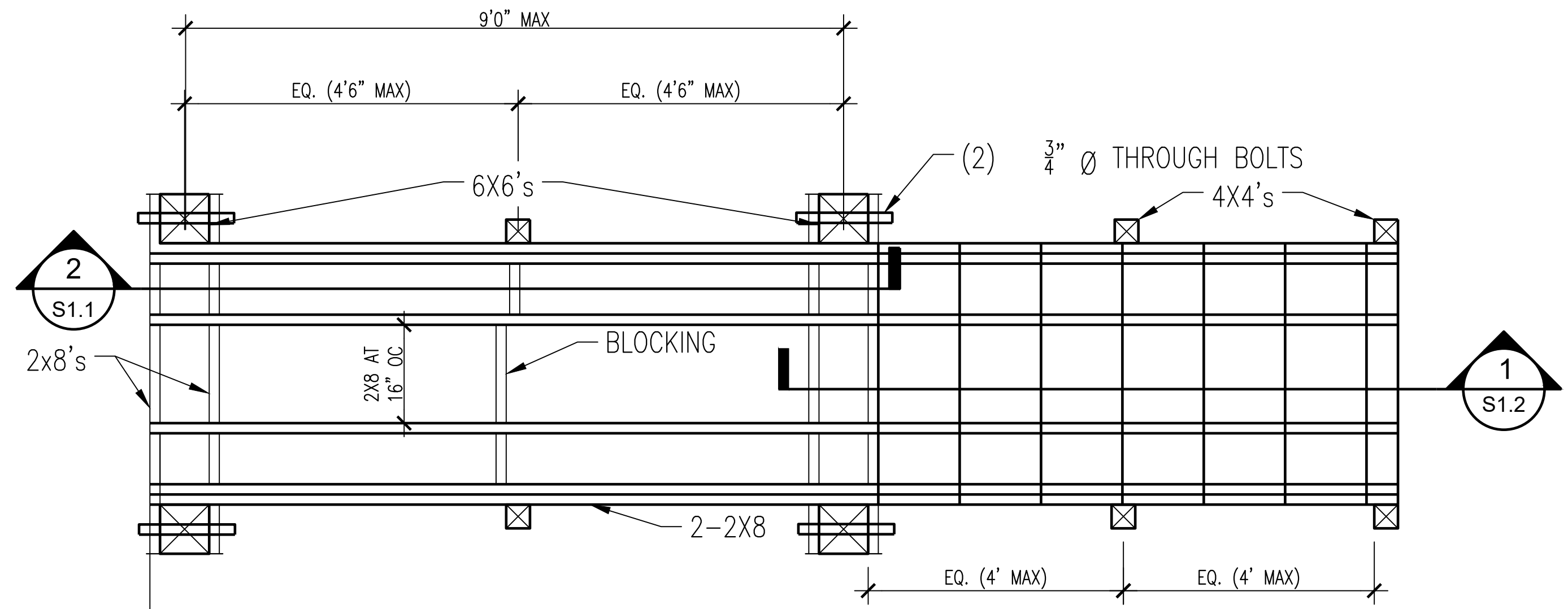
CADFILE: I:\R308586.01 - Post Storm Damage Assessment\05 Design\05.2 Engineering by Discipline\Paul Hopkins Park Electrical Details\STRUCTURAL DETAILS.dwg Plotted: Tue, Apr 09, 2024 @ 2:35 PM By: bschlicher



**1** PLATFORM SECTION SITES 1 AND 5  
S1.0 SCALE: 3/4" = 1'-0"



**2** PLATFORM SECTION SITES 1 AND 5  
S1.0 SCALE: 3/4" = 1'-0"



**3** SITES 1 AND 7 PLATFORM AND WOOD STAIR PLAN  
S1.0 SCALE: 3/4" = 1'-0"



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**GALVESTON COUNTY  
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ELECTRICAL  
MODIFICATIONS**

**PLATFORM DETAILS (1 OF 3)**

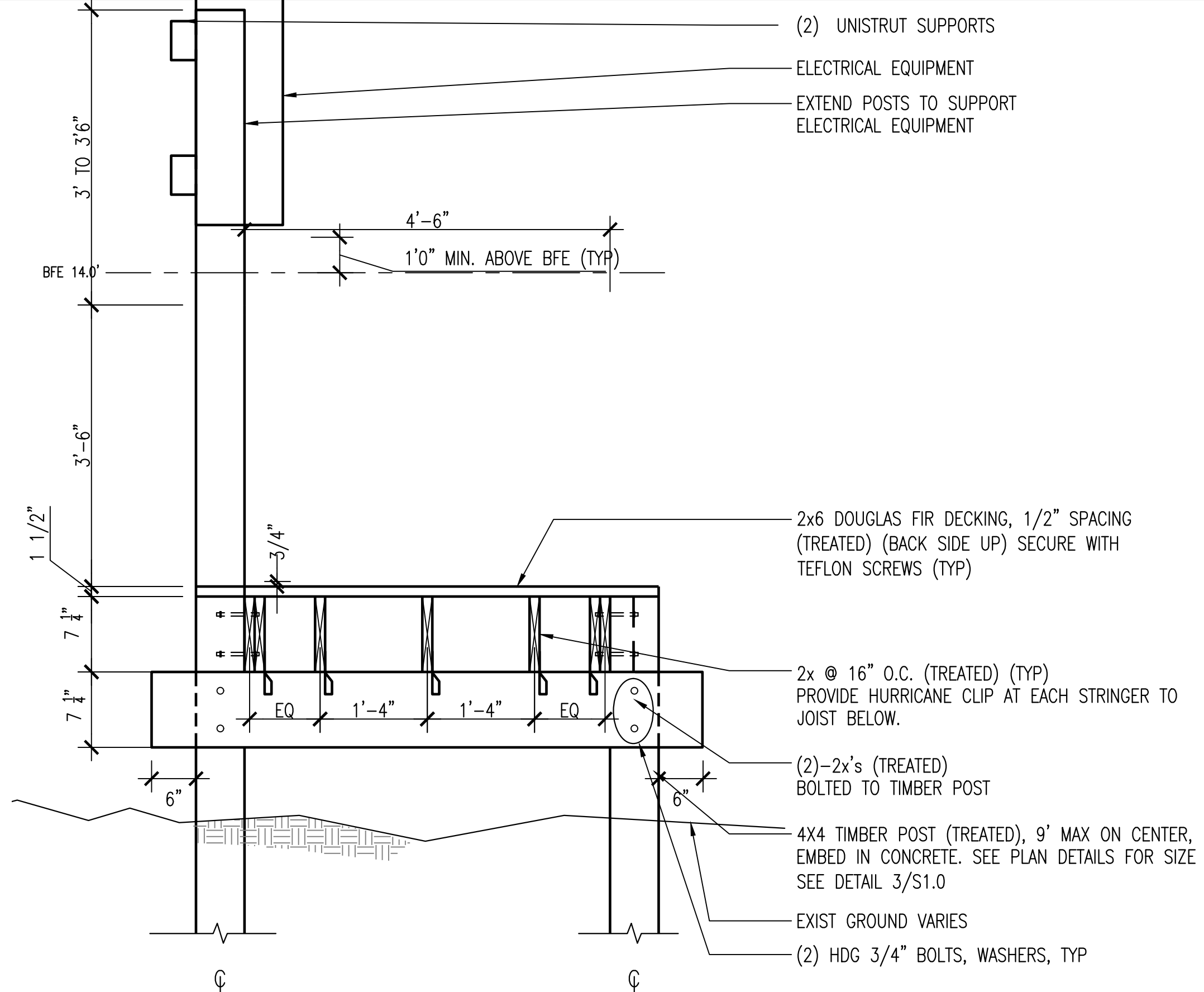
Project number R308586.01  
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Checked by FA

**S1.0**

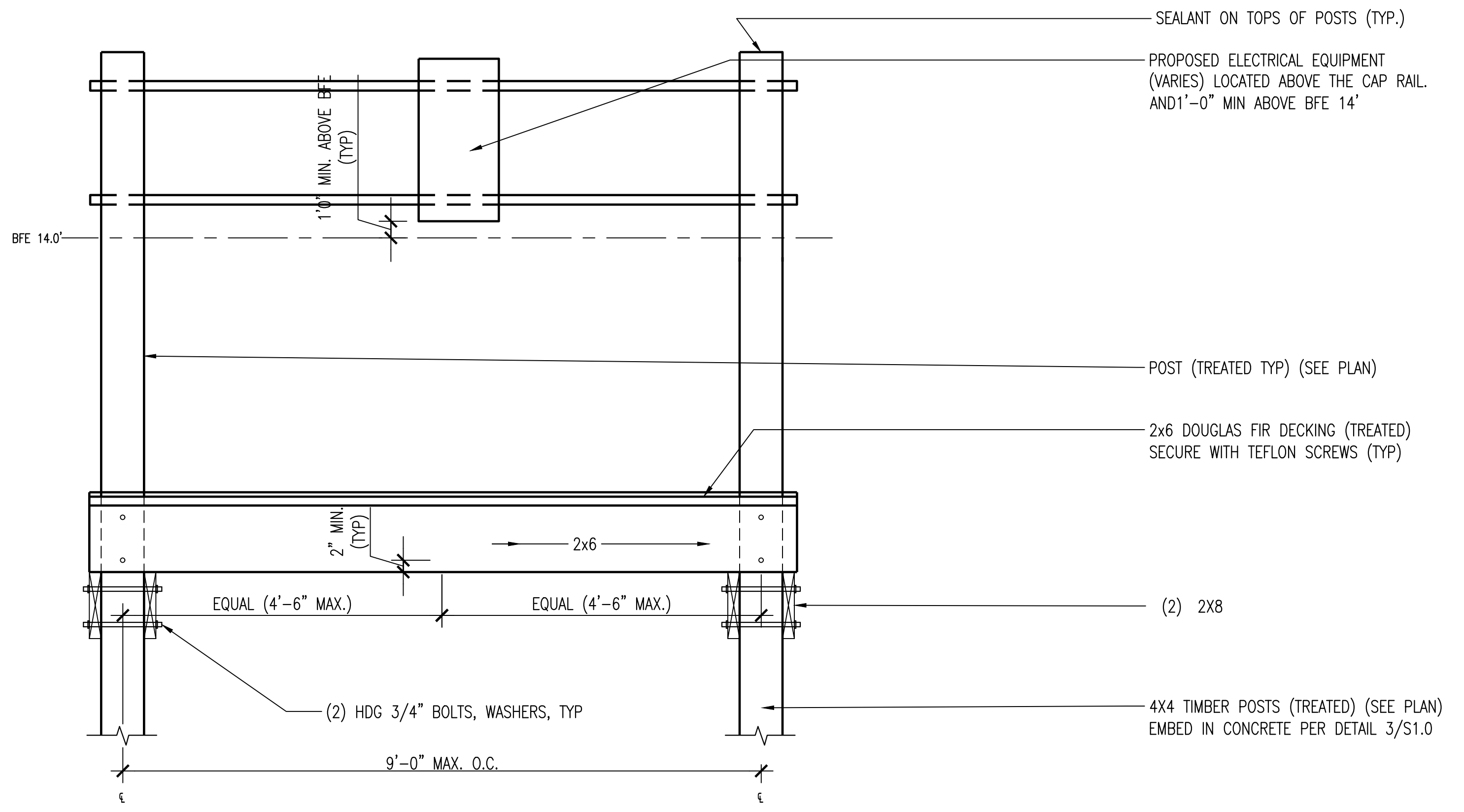
SEE WOOD FRAMING NOTES ON  
F1.0



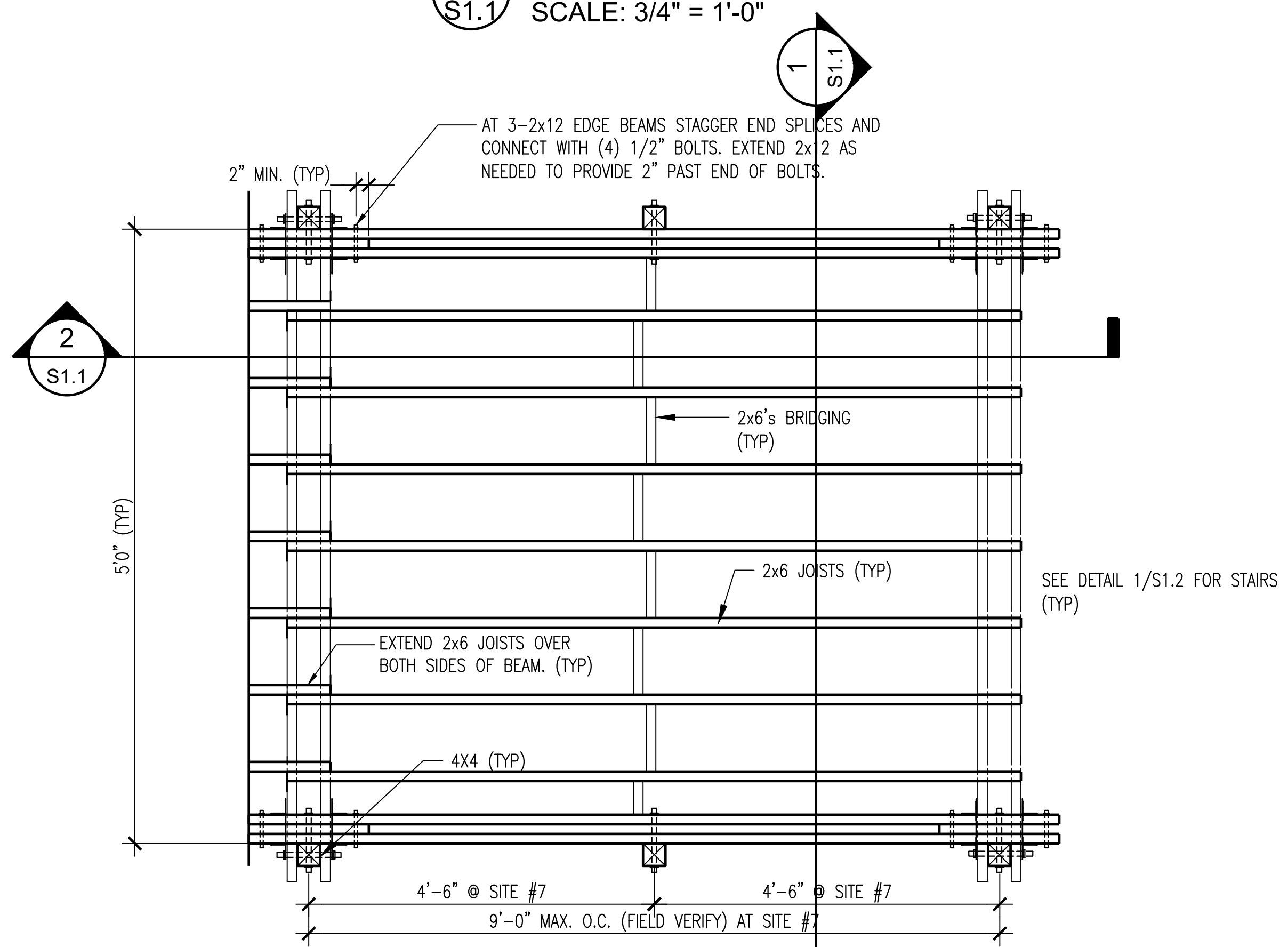
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**1** PLATFORM SECTION SITES 2-4 AND 6-7  
**S1.1** SCALE: 3/4" = 1'-0"



**2** PLATFORM SECTION SITES 2-4 AND 6-7  
**S1.1** SCALE: 3/4" = 1'-0"



**1** TYPICAL FRAMING  
**S1.1** SCALE: 3/4" = 1'-0"



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1	ISSUE FOR CONSTRUCTION	03/07/24

GALVESTON COUNTY  
PAUL HOPKINS PARK  
ELECTRICAL  
MODIFICATIONS

**PLATFORM DETAILS (2 OF 3)**

Project number	R308586.01
Date	4/9/2024
Drawn by	CT
Checked by	FA

**S1.1**

Scale





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No.	Description	Date
1	ISSUE FOR CONSTRUCTION	03/07/24

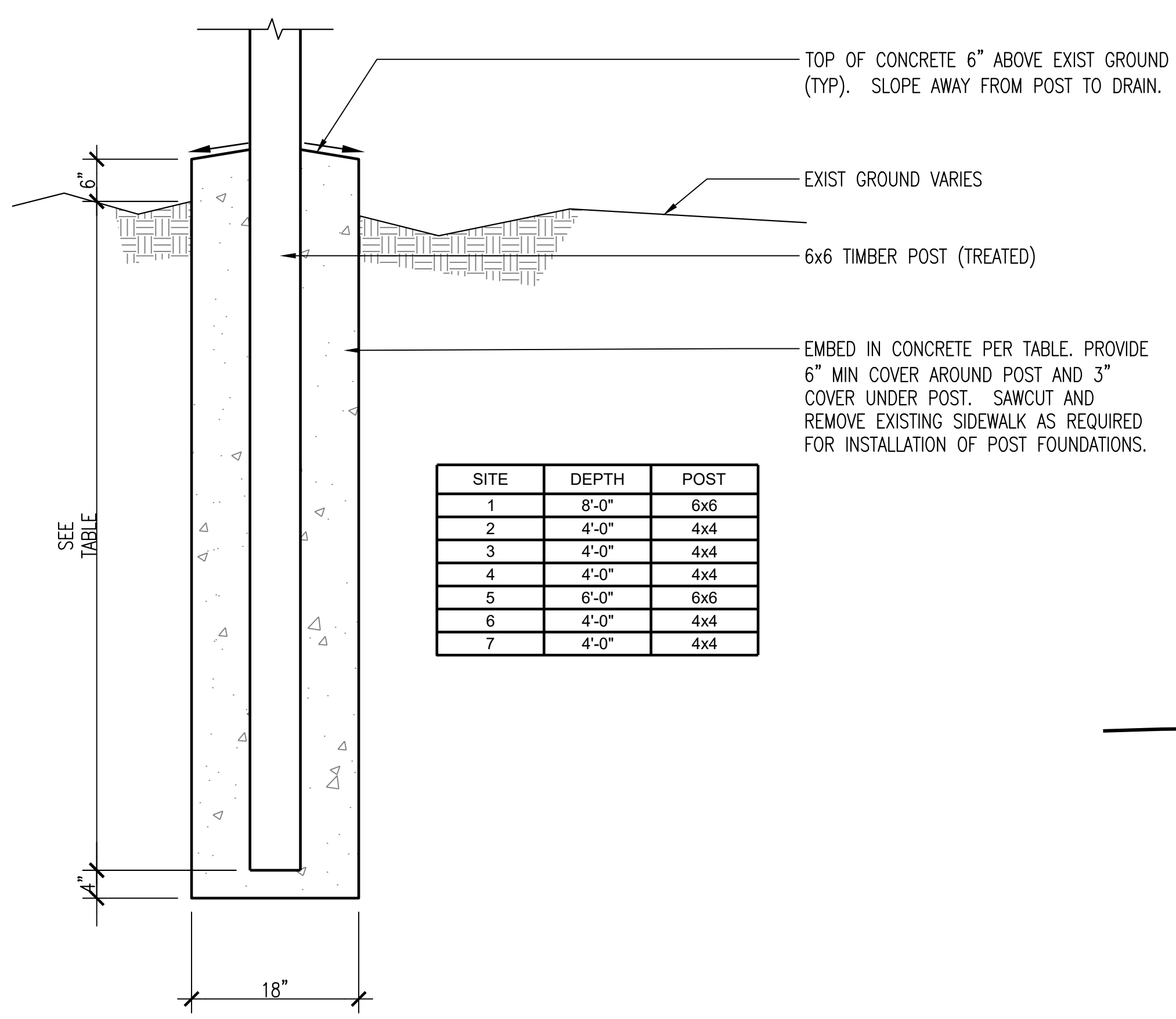
GALVESTON COUNTY  
PAUL HOPKINS PARK  
ELECTRICAL  
MODIFICATIONS

**PLATFORM DETAILS (3 OF 3)**

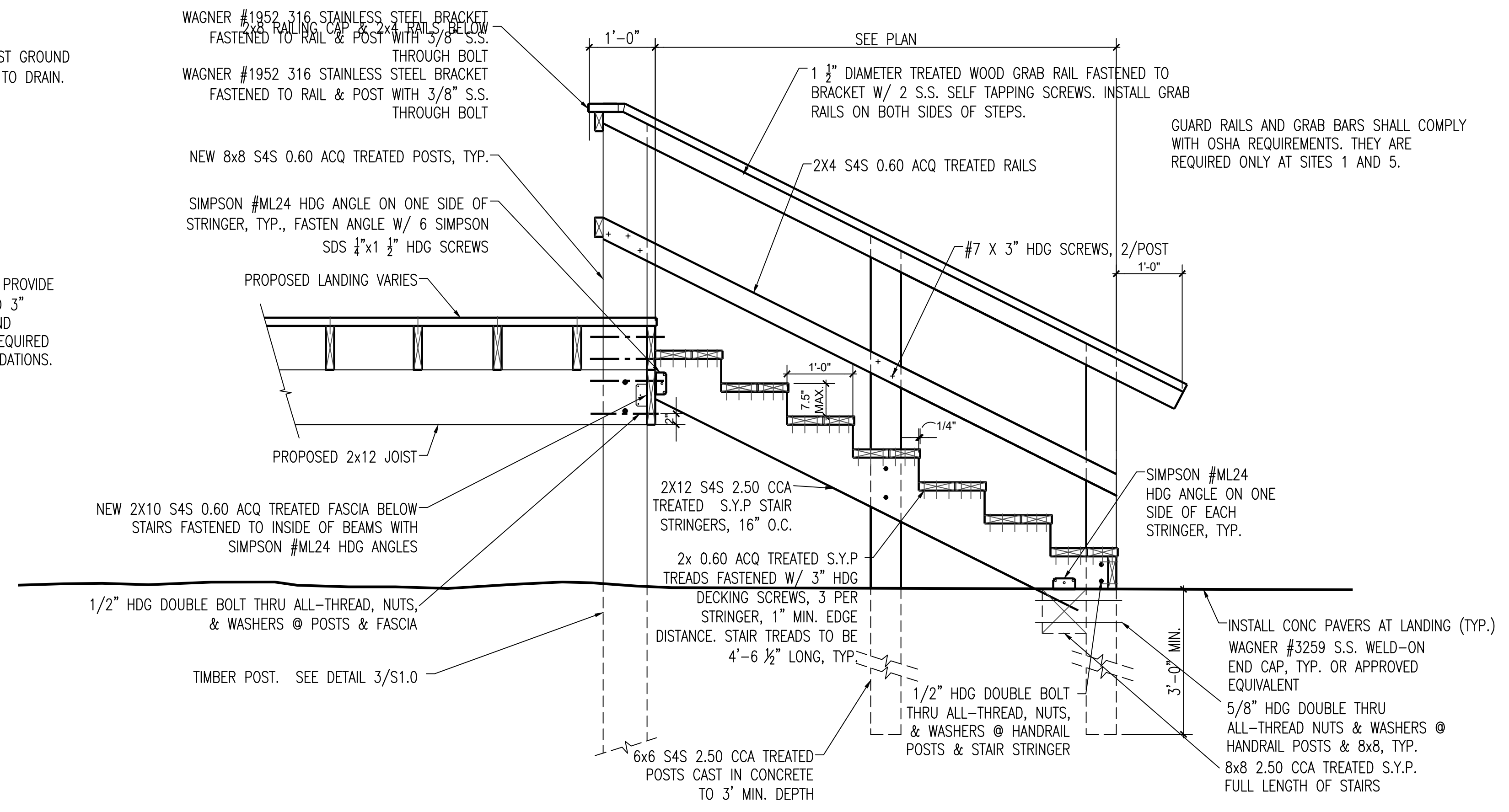
Project number R308586.01  
Date 4/9/2024  
Drawn by CT  
Checked by FA

**S1.2**

Scale



**1 FOUNDATION**  
S1.2 SCALE: 3/4" = 1'-0"



**2 TYPICAL WOOD STAIR**  
S1.2 SCALE: 3/4" = 1'-0"

SEE WOOD FRAMING NOTES ON  
E1.0

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