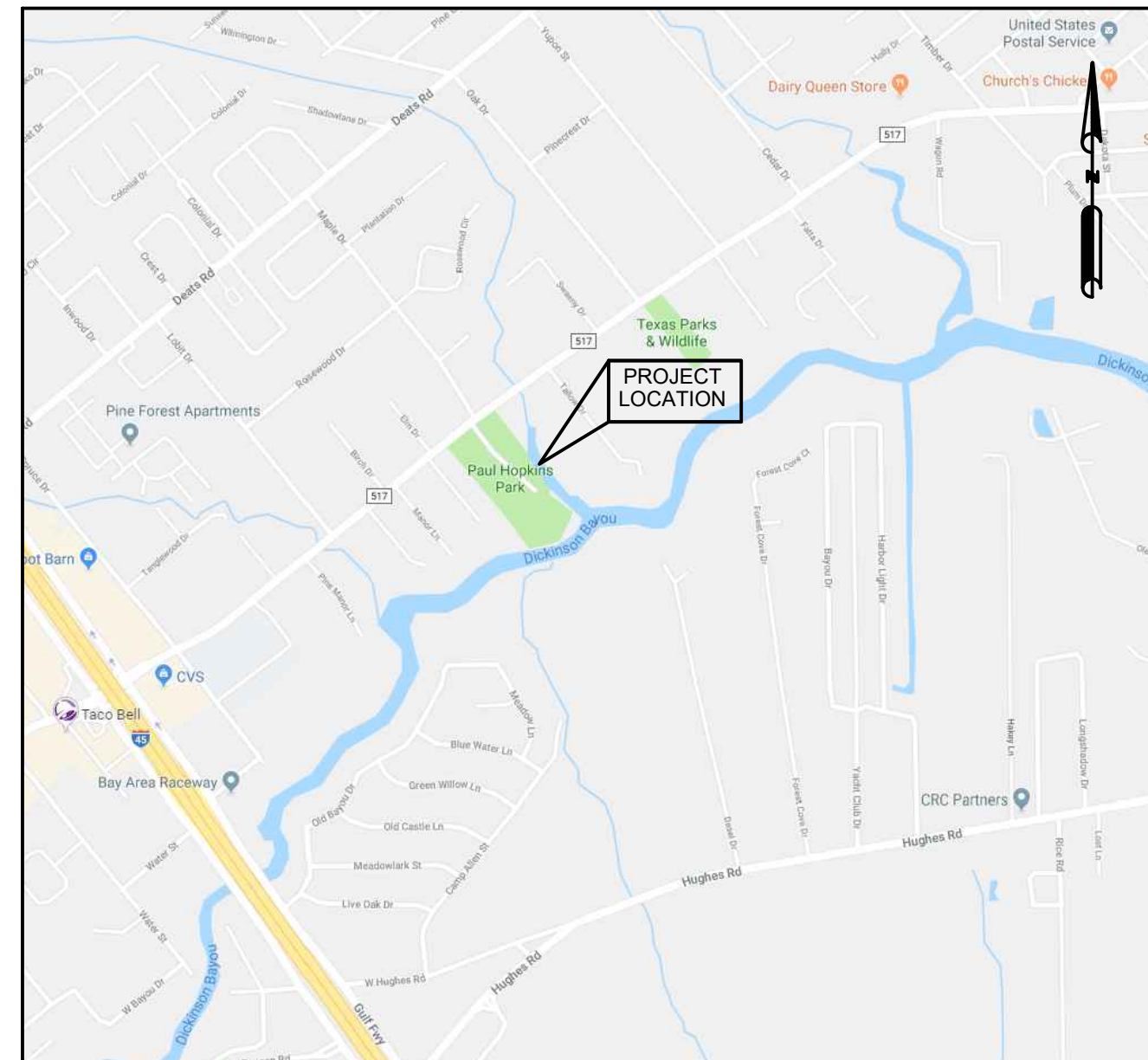
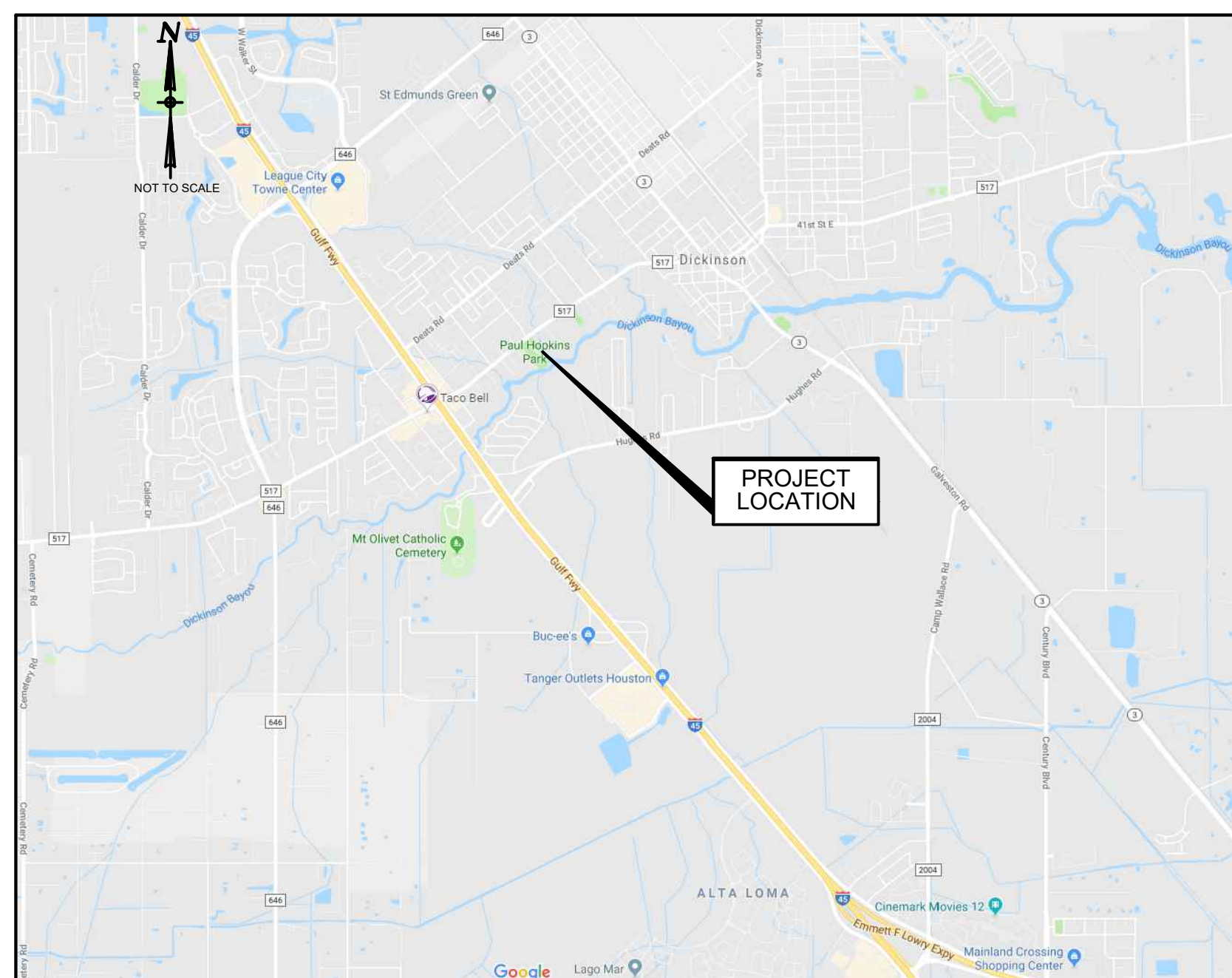


GALVESTON COUNTY PAUL HOPKINS PARK ELECTRICAL MODIFICATIONS

1000 FM 517, DICKINSON, TEXAS 77539



LOCATION MAP



VICINITY MAP

Sheet List Table	
Sheet Number	Sheet Title
G0.0	COVER SHEET
E1.0	OVERALL ELECTRICAL PLAN
E1.1	ELECTRICAL PLAN 1 OF 3
E1.2	ELECTRICAL PLAN 2 OF 3
E1.3	ELECTRICAL PLAN 3 OF 3
E5.1	SITE 1
E5.2	SITE 2
E5.3	SITE 3
E5.4	SITE 4
E5.5	SITE 5
E5.6	SITE 6
E5.7	SITE 7
S1.0	PLATFORM DETAILS (1 OF 3)
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



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Firm Registration No. F-761

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

**GALVESTON COUNTY
PAUL HOPKINS PARK
ELECTRICAL
MODIFICATIONS**

COVER SHEET

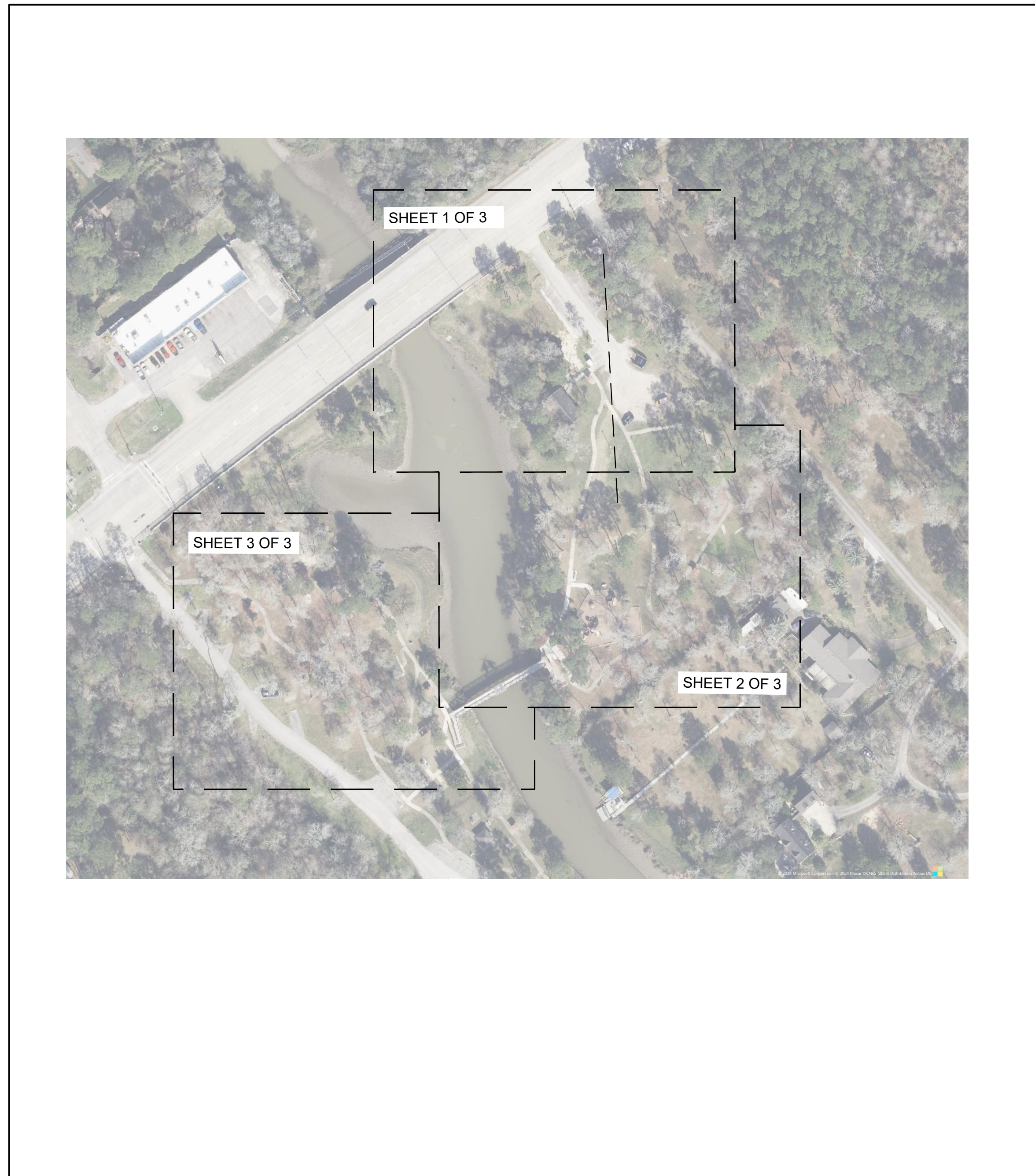
Project number	R308586.01
Date	4/9/2024
Drawn by	CT
Checked by	FA

GO.0

Scale

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

CADFILE: I:\R308586.01 - Post Storm Damage Assessment\05 Design\05.2 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.

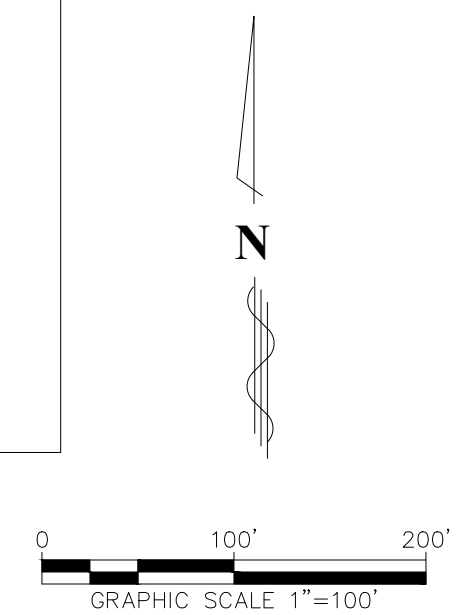
ELECTRICAL ABBREVIATIONS

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 AWPA M4.
 - DECKING, HANDRAILS, SLATS, AND RAILING SUPPORTS SHALL BE TREATED WITH ACO AT 0.6 PCF IN ACCORDANCE WITH AWPA 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 AWPA 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

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



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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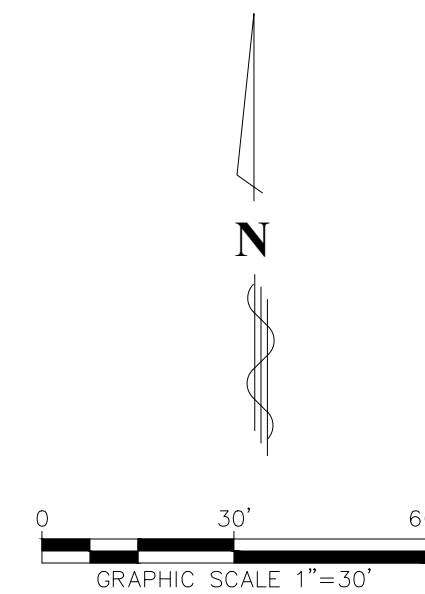
GALVESTON COUNTY
PAUL HOPKINS PARK
ELECTRICAL
MODIFICATIONS

ELECTRICAL PLAN 1 OF 3

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



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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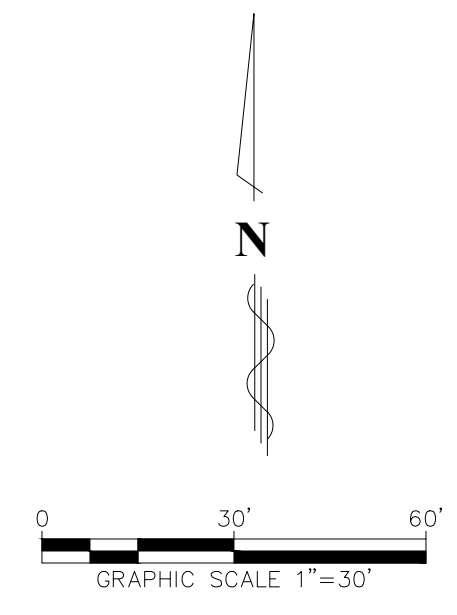
ELECTRICAL PLAN 2 OF 3

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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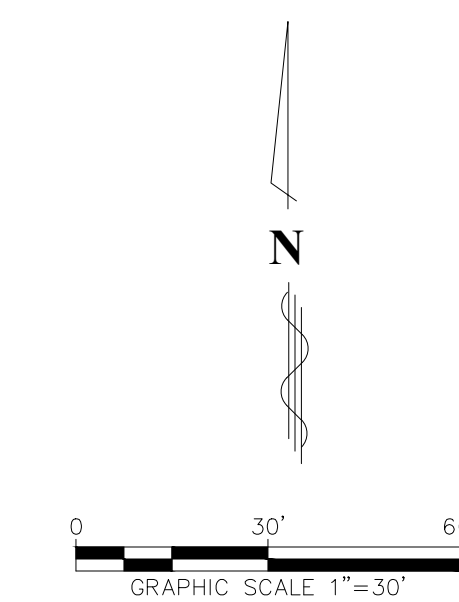
ELECTRICAL PLAN 3 OF 3

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

E1.3

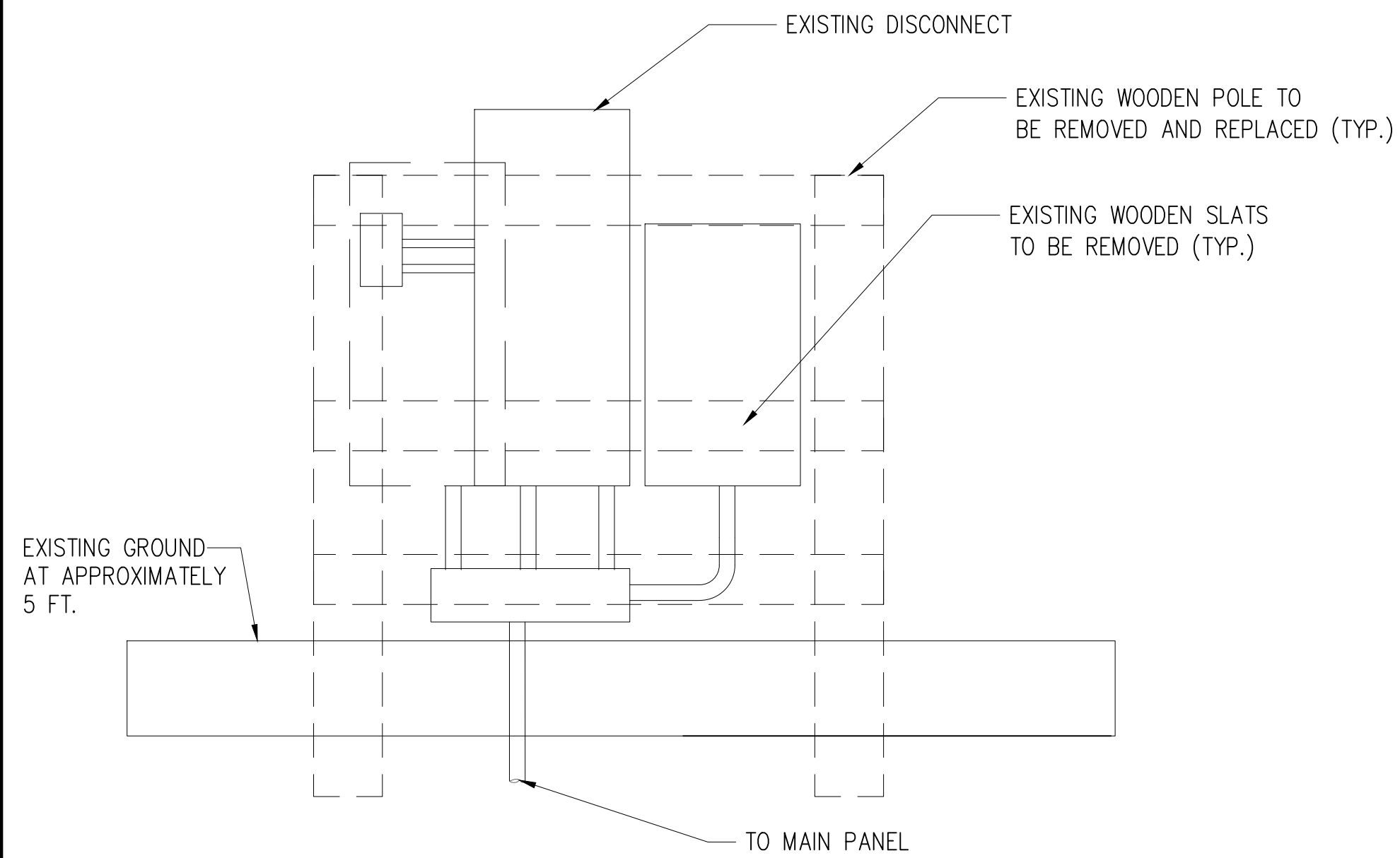
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1 ELECTRICAL PLAN 3 OF 3
1"=30'-0"



GENERAL NOTES:

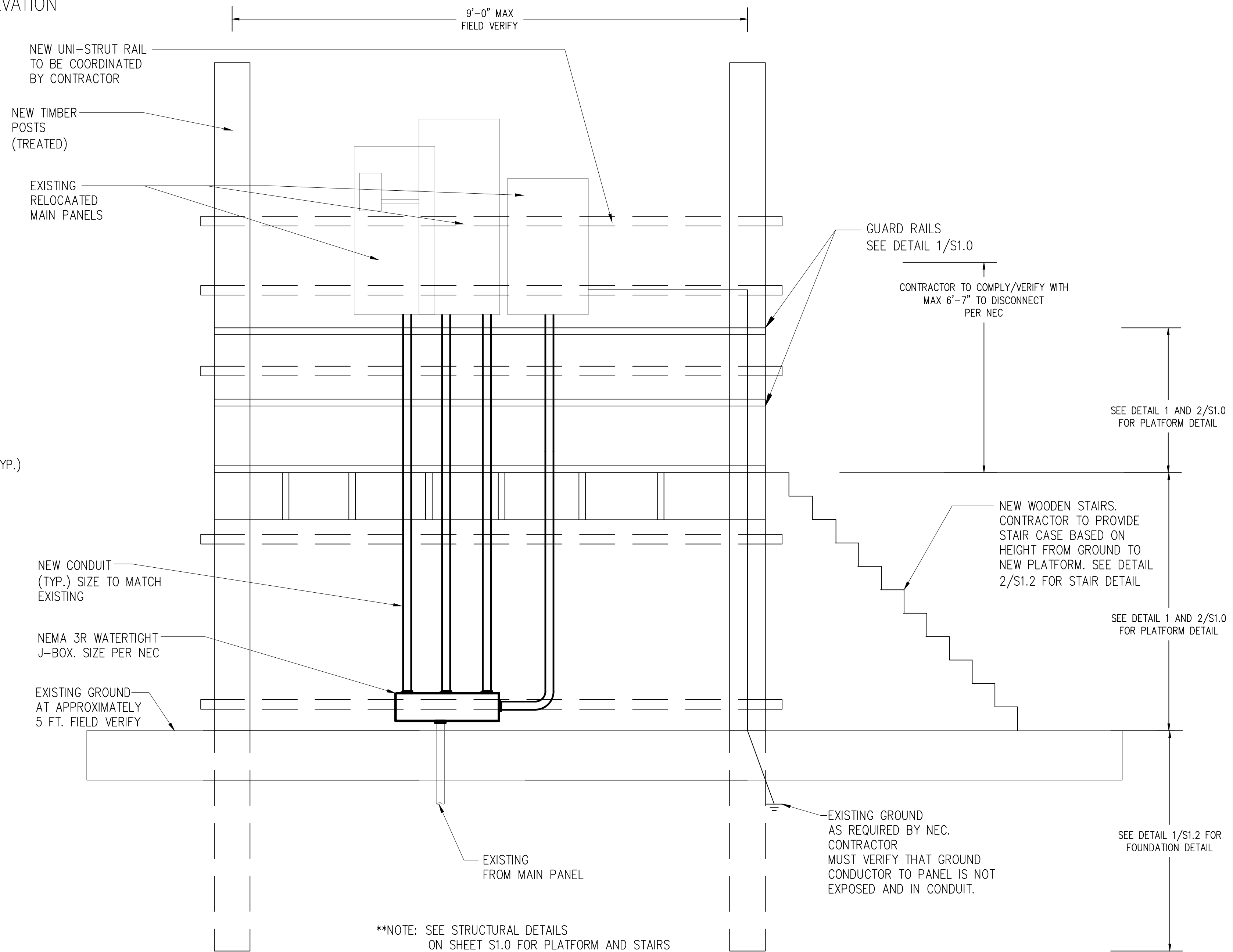
1. RAISE EXISTING ELECTRICAL PANELS 1' ABOVE 100-YEAR BASE FLOOD ELEVATION OF 14.0 FT.



1 SITE 1 EXISTING PROFILE VIEW
NTS



3 SITE 1 EXISTING REFERENCE PHOTO
NTS



2 SITE 1 PROPOSED NEW PROFILE VIEW
NTS



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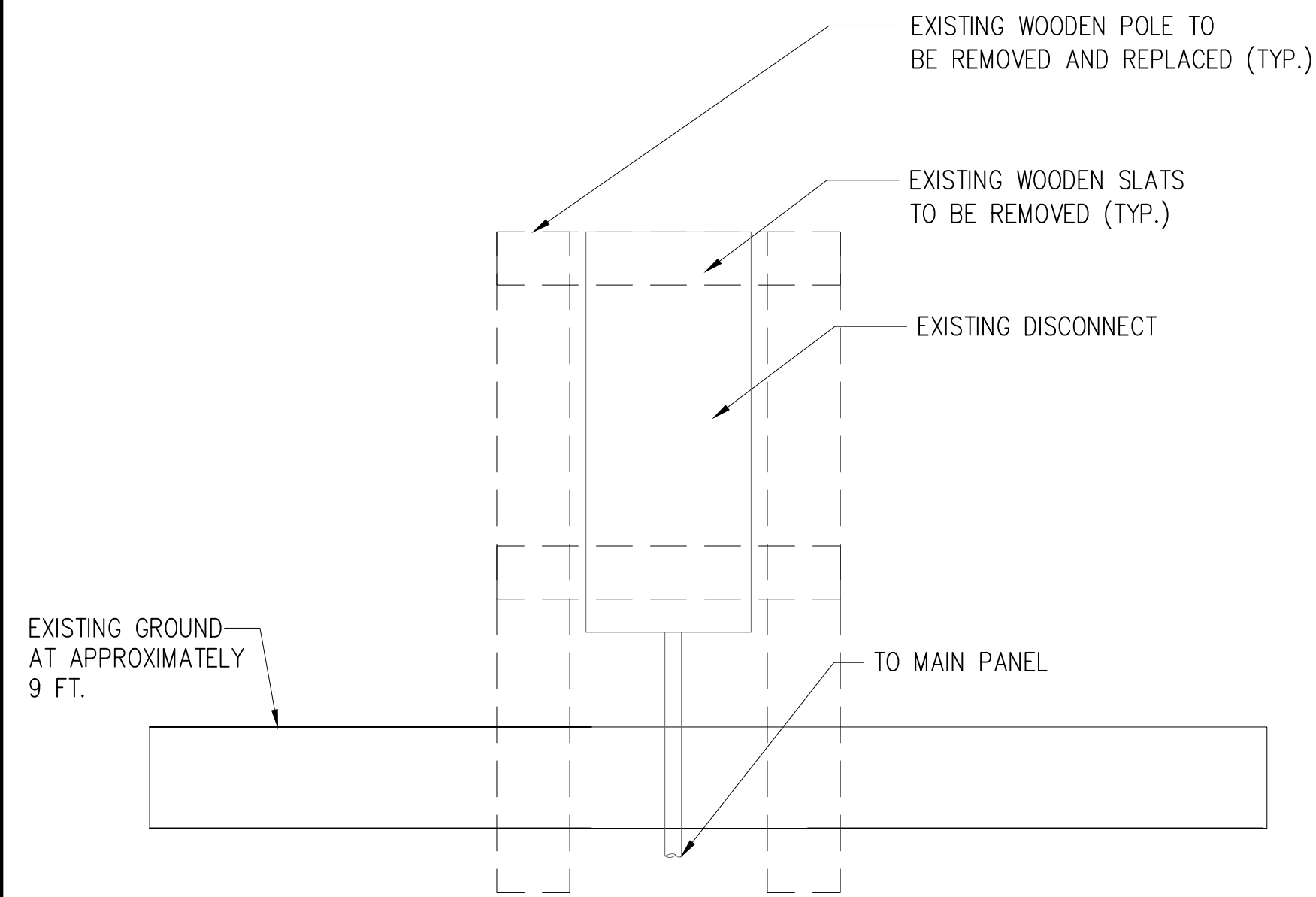
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SITE 1**

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

E5.1

Scale

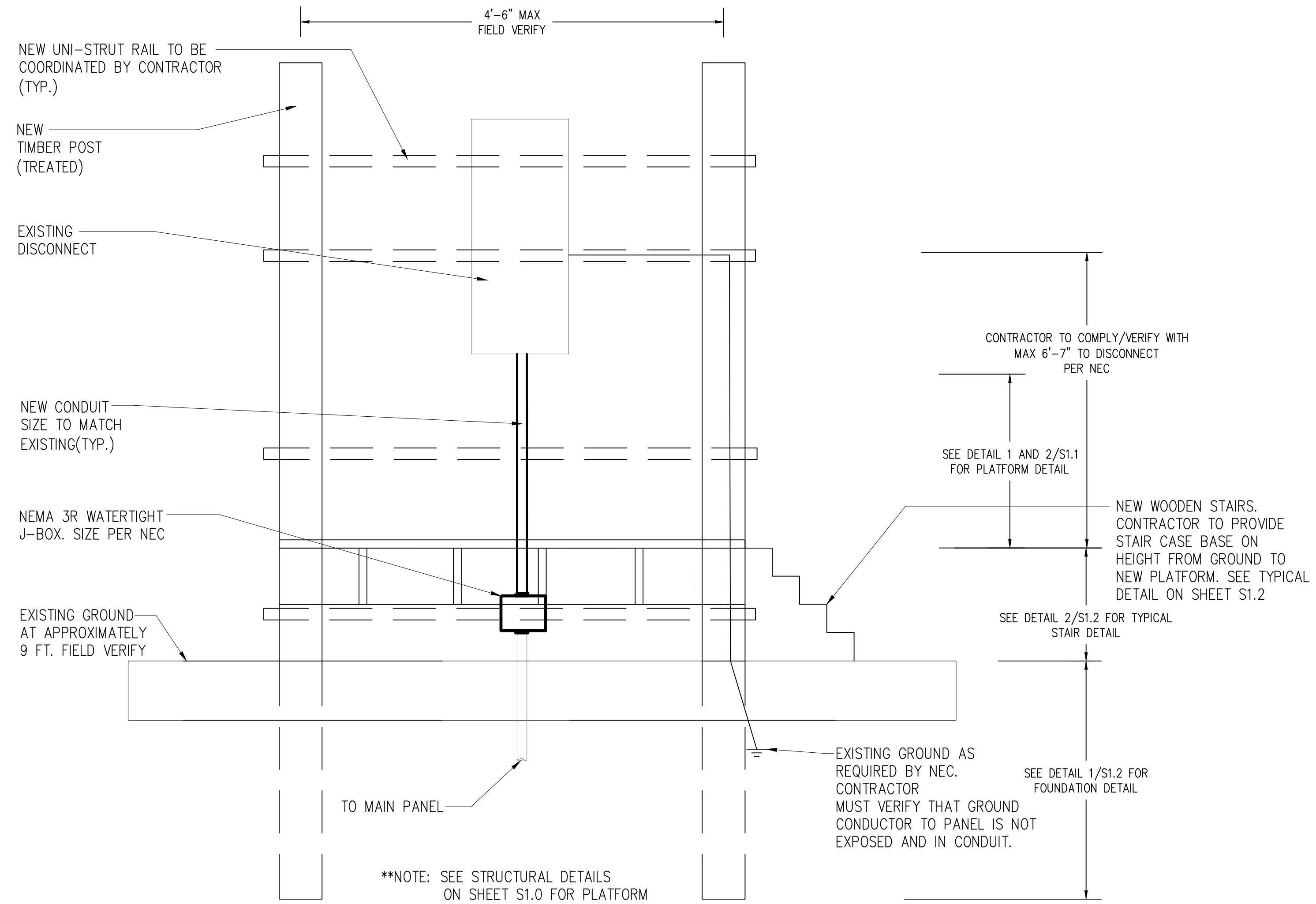
GENERAL NOTES:
 1. RAISE EXISTING ELECTRICAL PANELS 1' ABOVE 100-YEAR BASE FLOOD ELEVATION OF 14.0 FT.



1 SITE 2 EXISTING PROFILE VIEW
 NTS



3 SITE 2 EXISTING REFERENCE PHOTO
 NTS

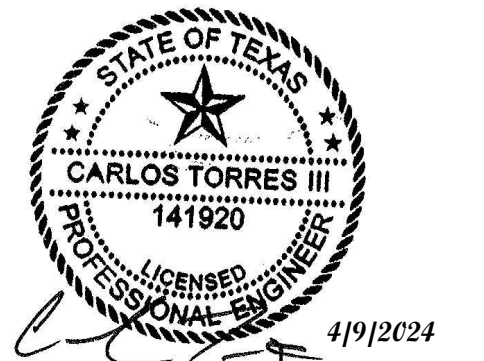


2 SITE 2 PROPOSED NEW PROFILE VIEW
 NTS



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**ELECTRICAL DETAILS
 SITE 2**

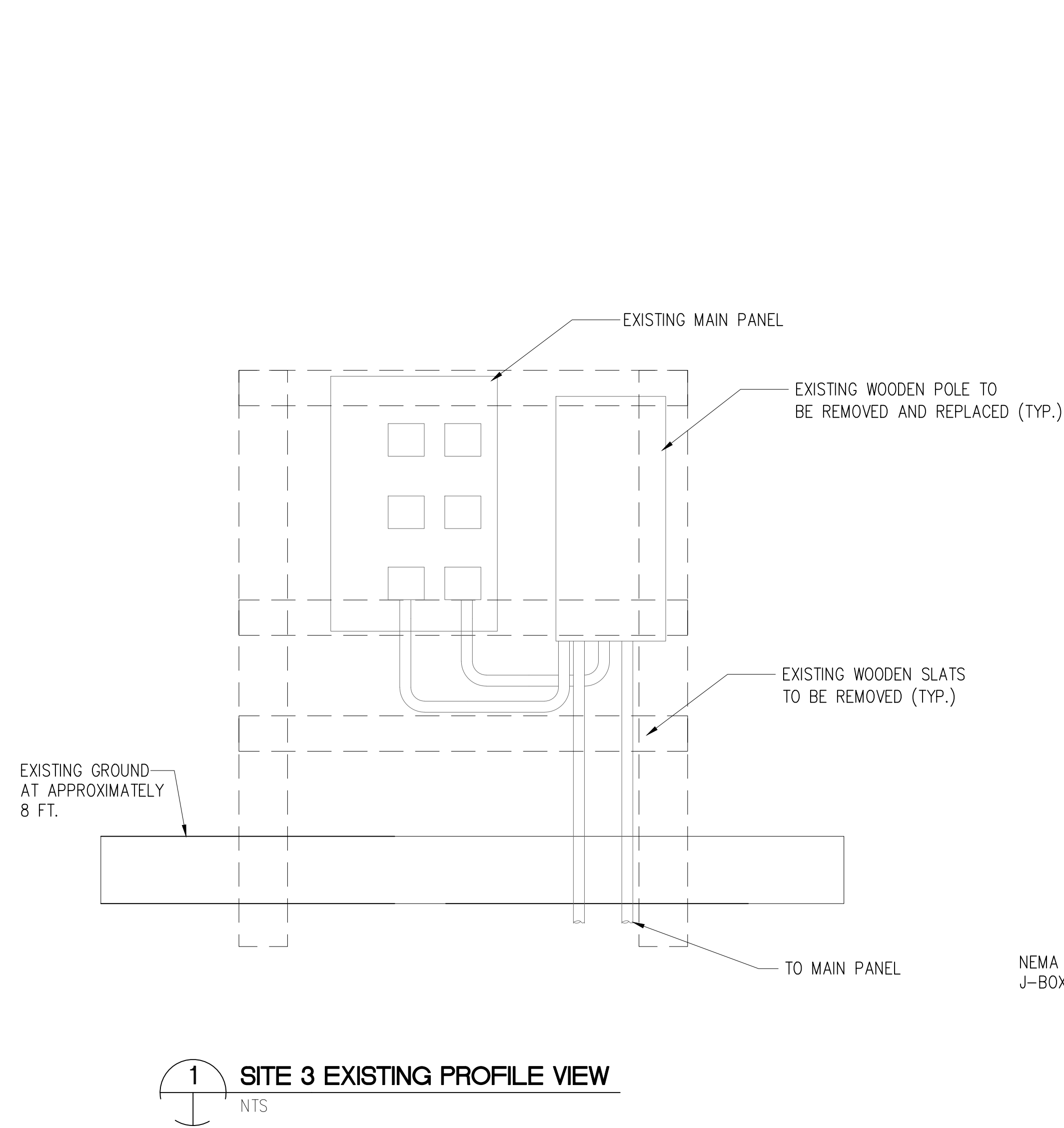
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Date	4/9/2024
Drawn by	CT
Checked by	FA

E5.2

Scale

GENERAL NOTES:

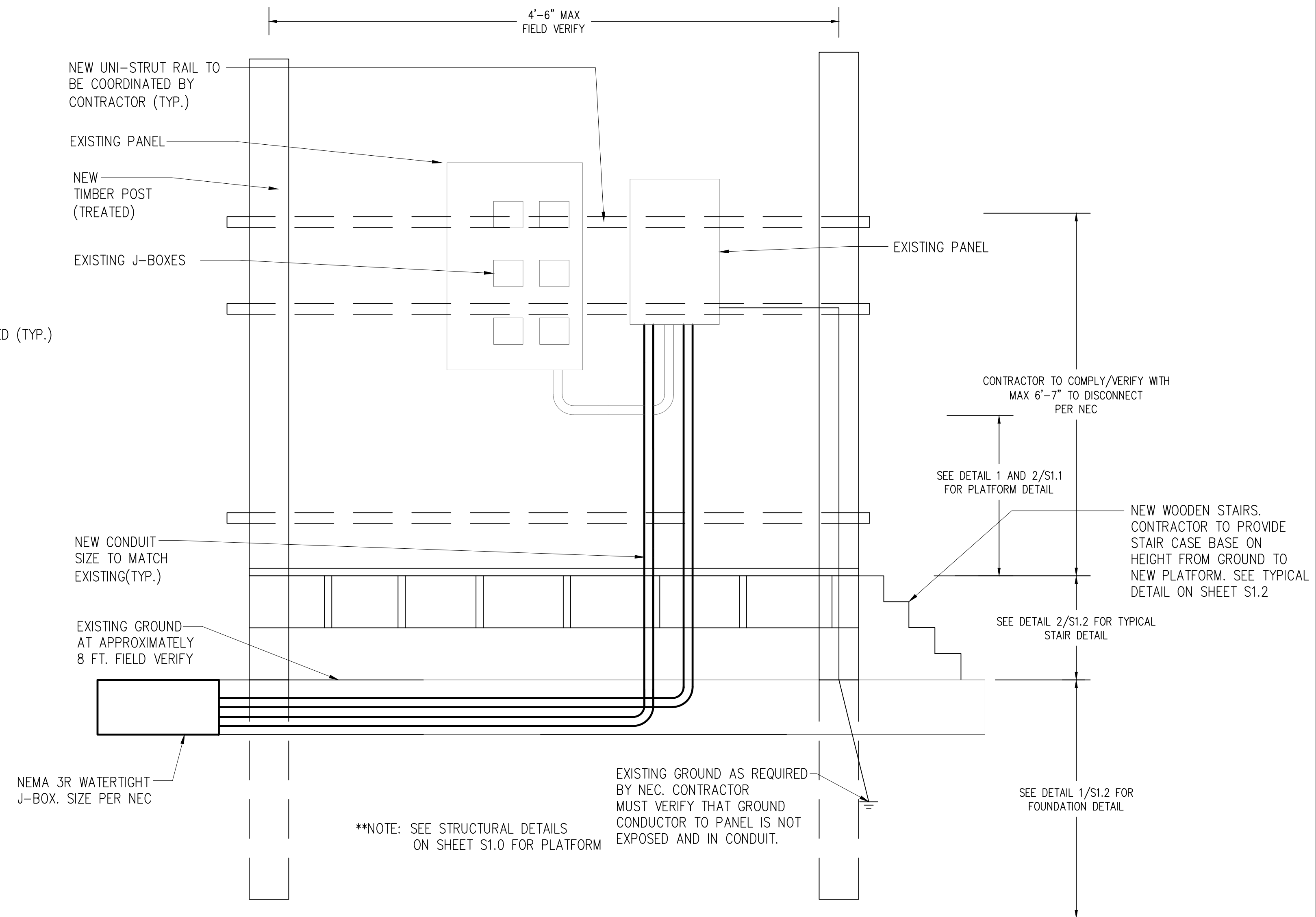
1. RAISE EXISTING ELECTRICAL PANELS 1' ABOVE 100-YEAR BASE FLOOD ELEVATION OF 14.0 FT.



1 SITE 3 EXISTING PROFILE VIEW
NTS



3 SITE 3 EXISTING REFERENCE PHOTO
NTS



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

2 SITE 3 PROPOSED NEW PROFILE VIEW
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ELECTRICAL
MODIFICATIONS

**ELECTRICAL DETAILS
SITE 3**

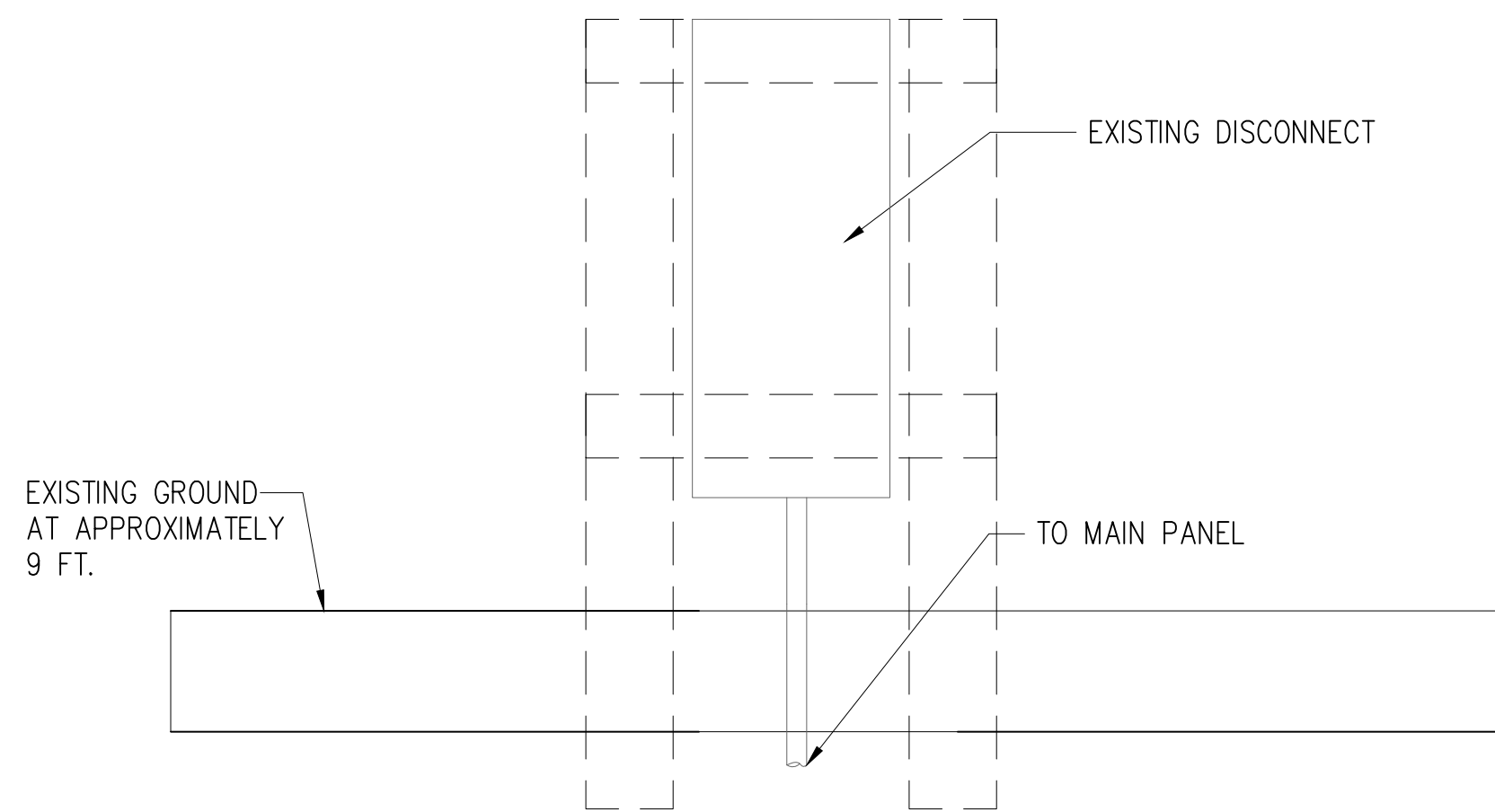
Project number R308586.01
Date 4/9/2024
Drawn by CT
Checked by FA

E5.3

Scale

GENERAL NOTES:

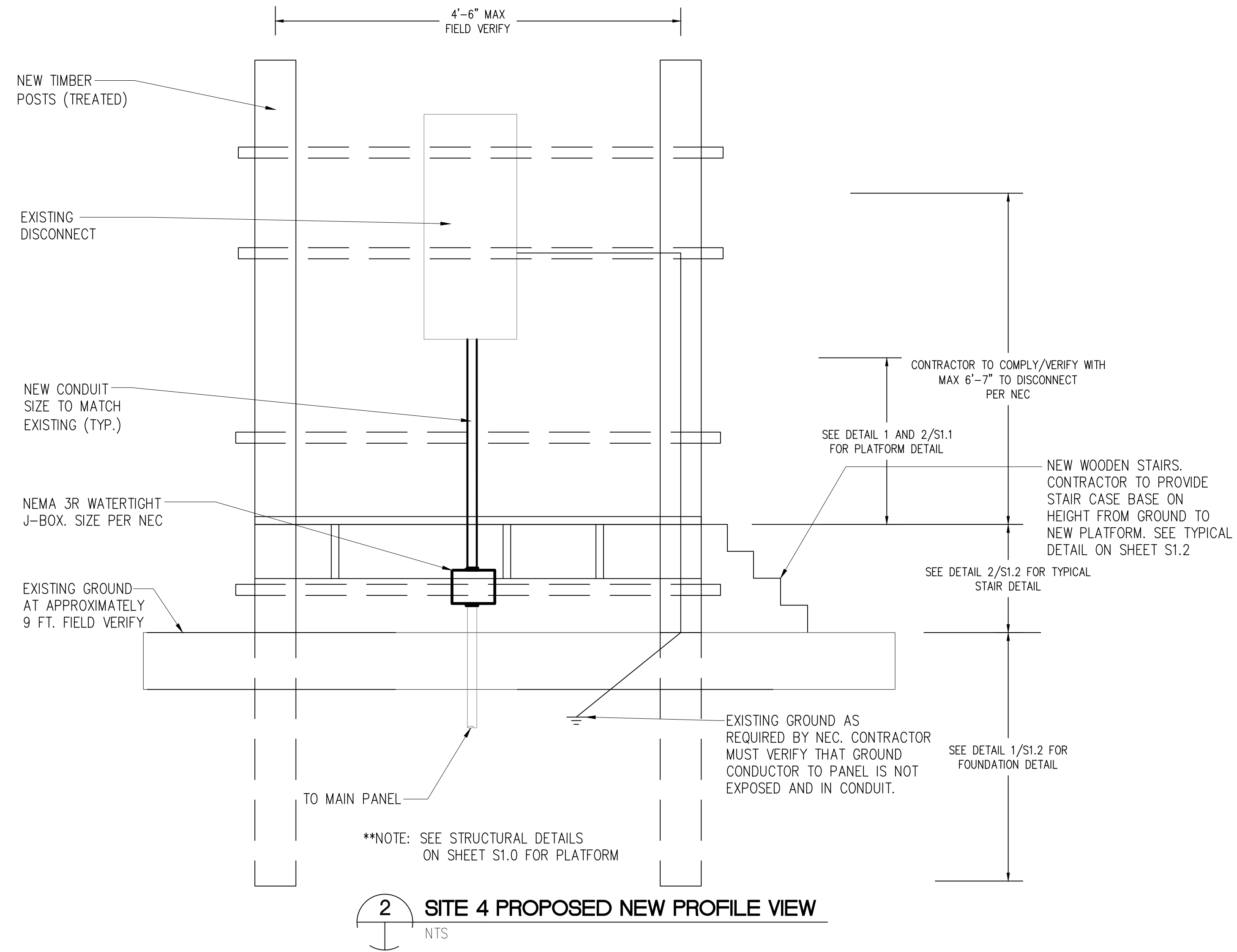
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1 SITE 4 EXISTING PROFILE VIEW
NTS



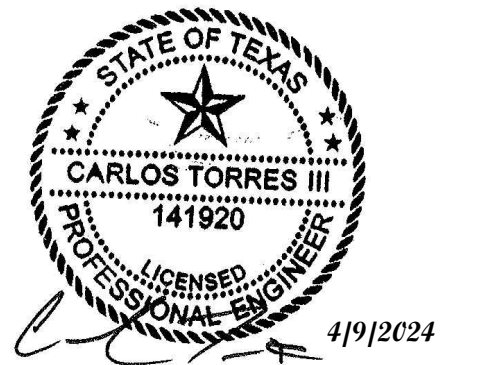
3 SITE 4 EXISTING REFERENCE PHOTO
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2 SITE 4 PROPOSED NEW PROFILE VIEW
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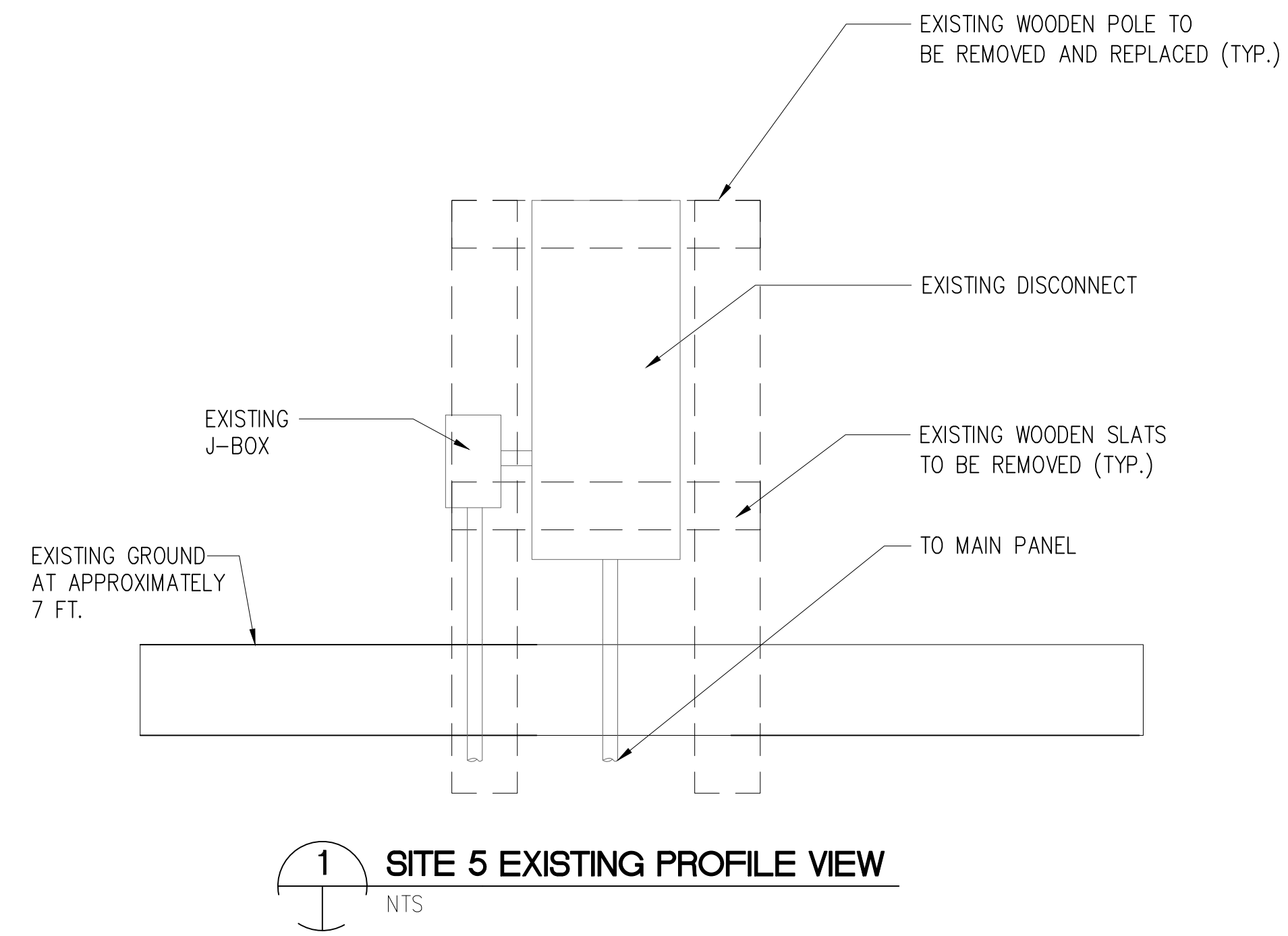
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SITE 4**

Project number R308586.01
Date 4/9/2024
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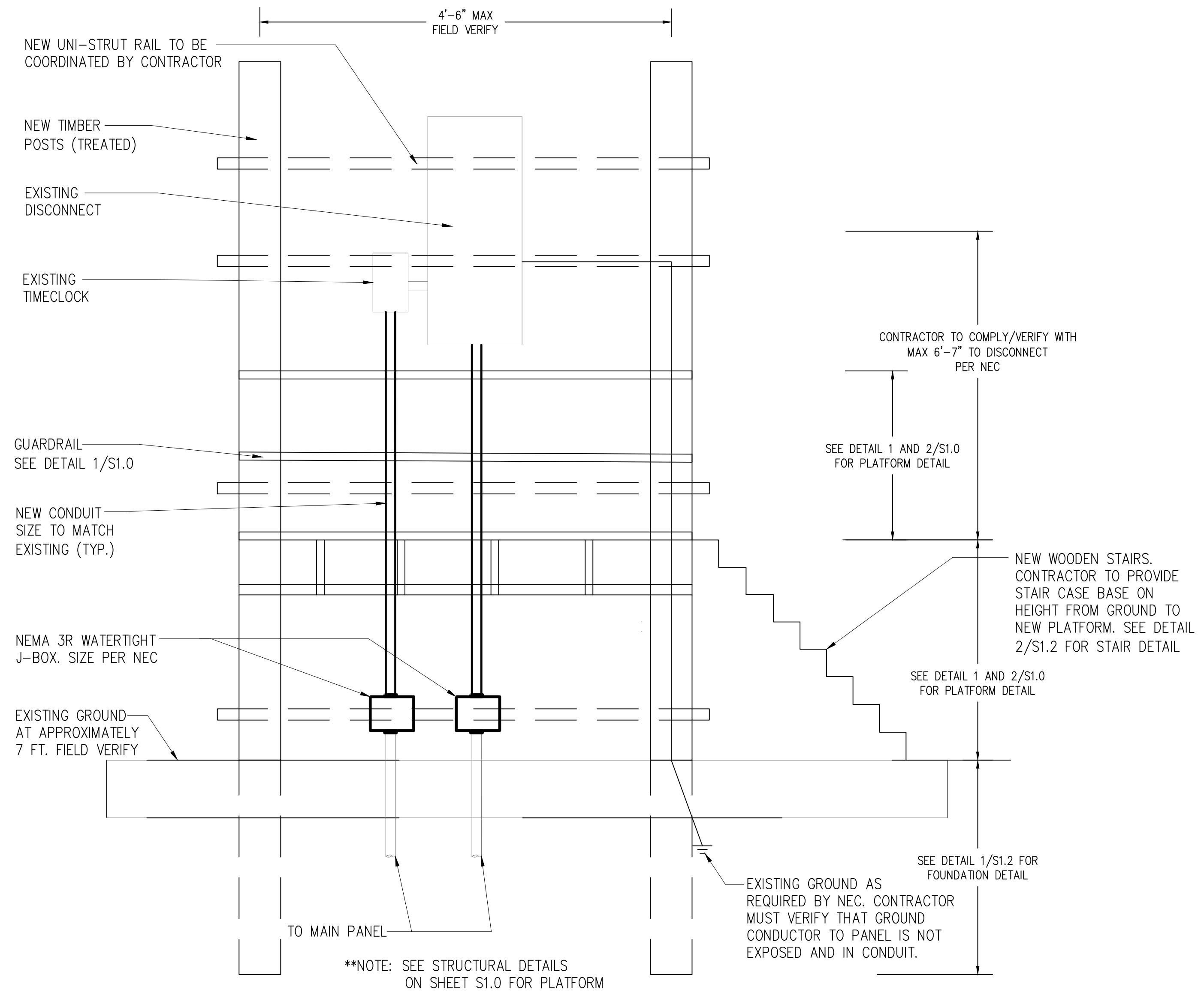
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GENERAL NOTES:
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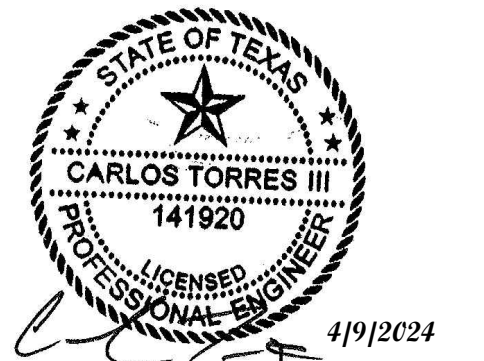
3 SITE 5 EXISTING REFERENCE PHOTO
NTS



2 SITE 5 PROPOSED NEW PROFILE VIEW
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**ELECTRICAL DETAILS
 SITE 5**

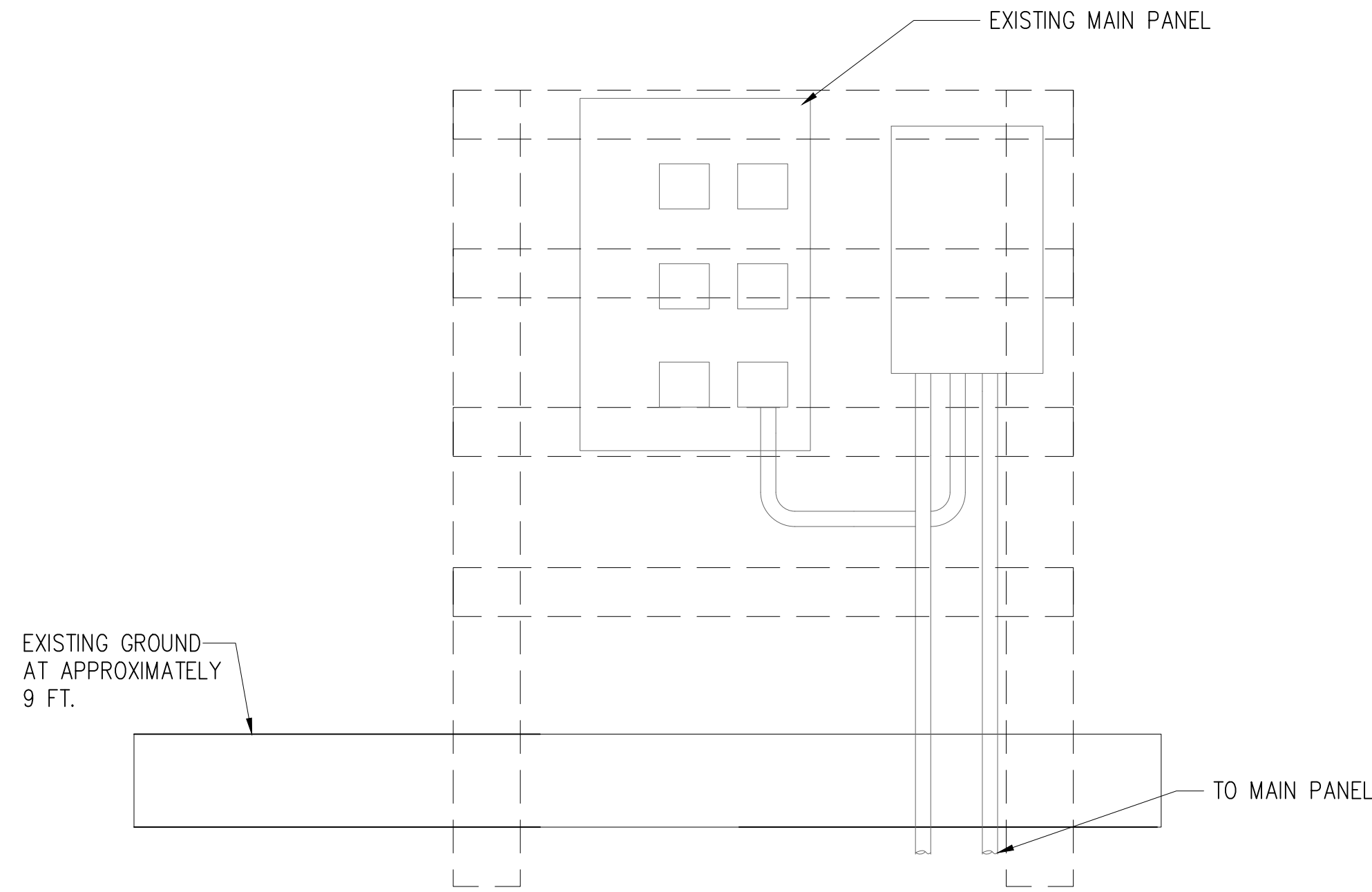
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 Date 4/9/2024
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E5.5

Scale

GENERAL NOTES:

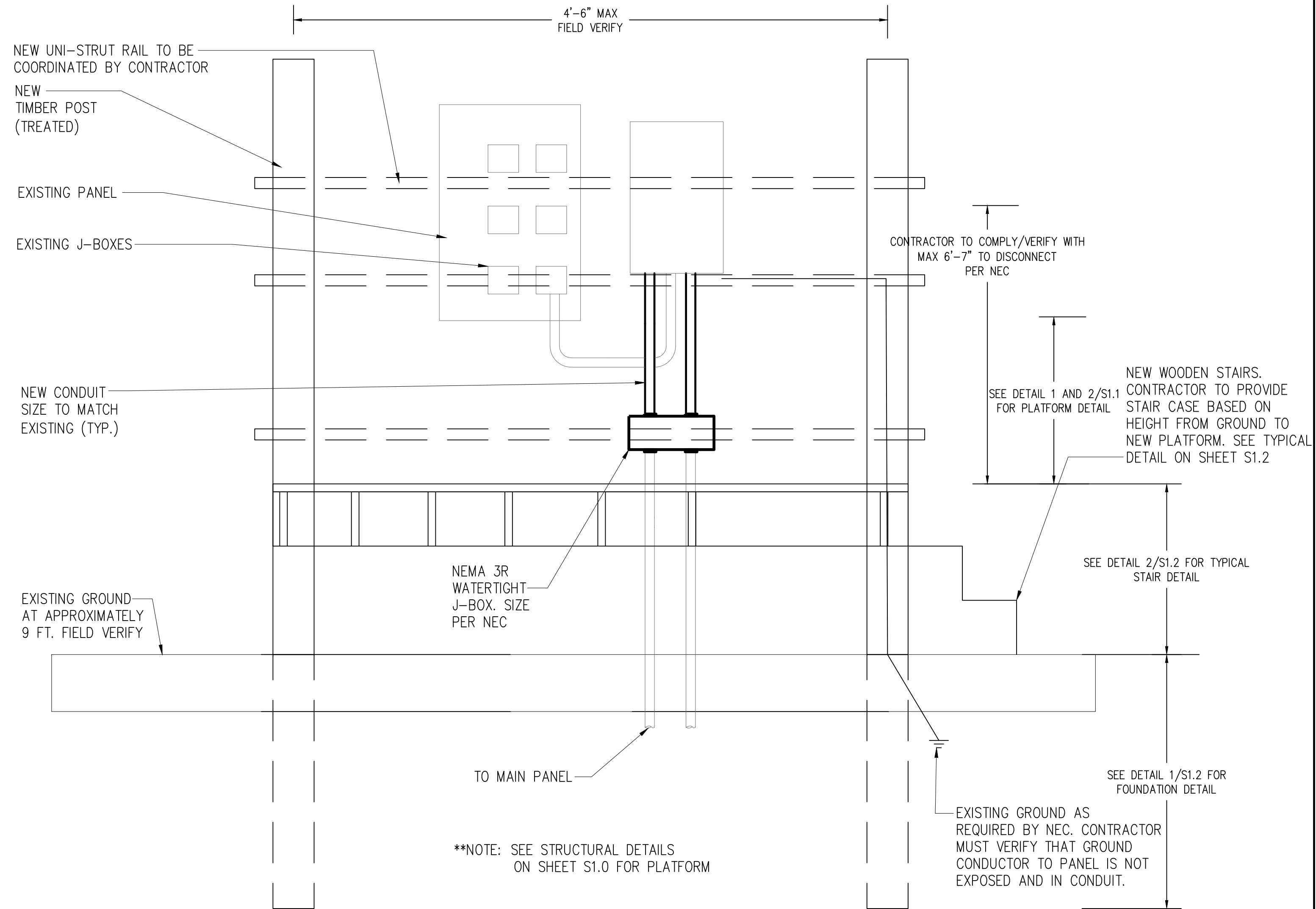
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1 SITE 6 EXISTING PROFILE VIEW
NTS



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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GALVESTON COUNTY
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**ELECTRICAL DETAILS
SITE 6**

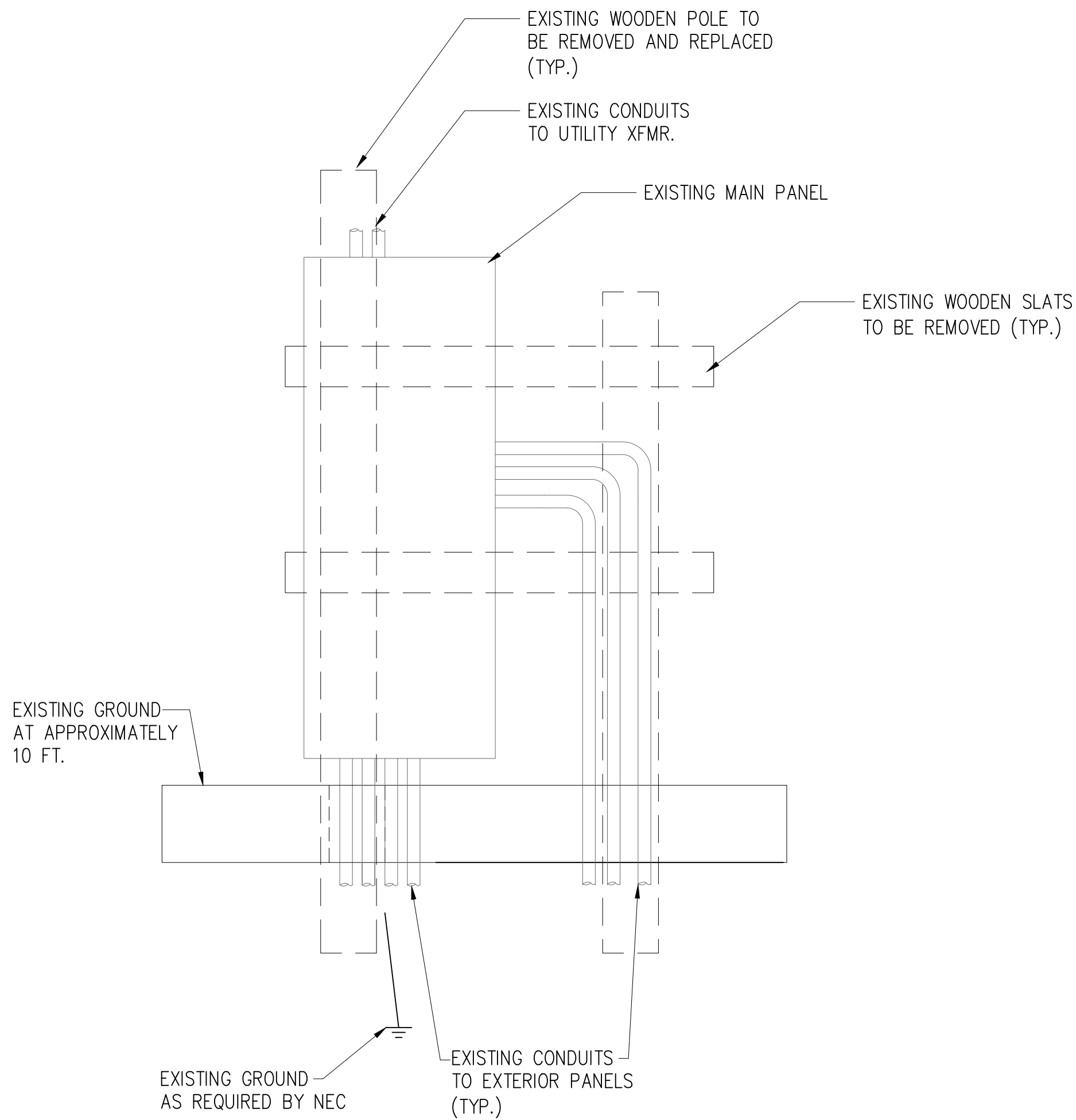
Project number R308586.01
Date 4/9/2024
Drawn by CT
Checked by FA

E5.6

Scale

GENERAL NOTES:

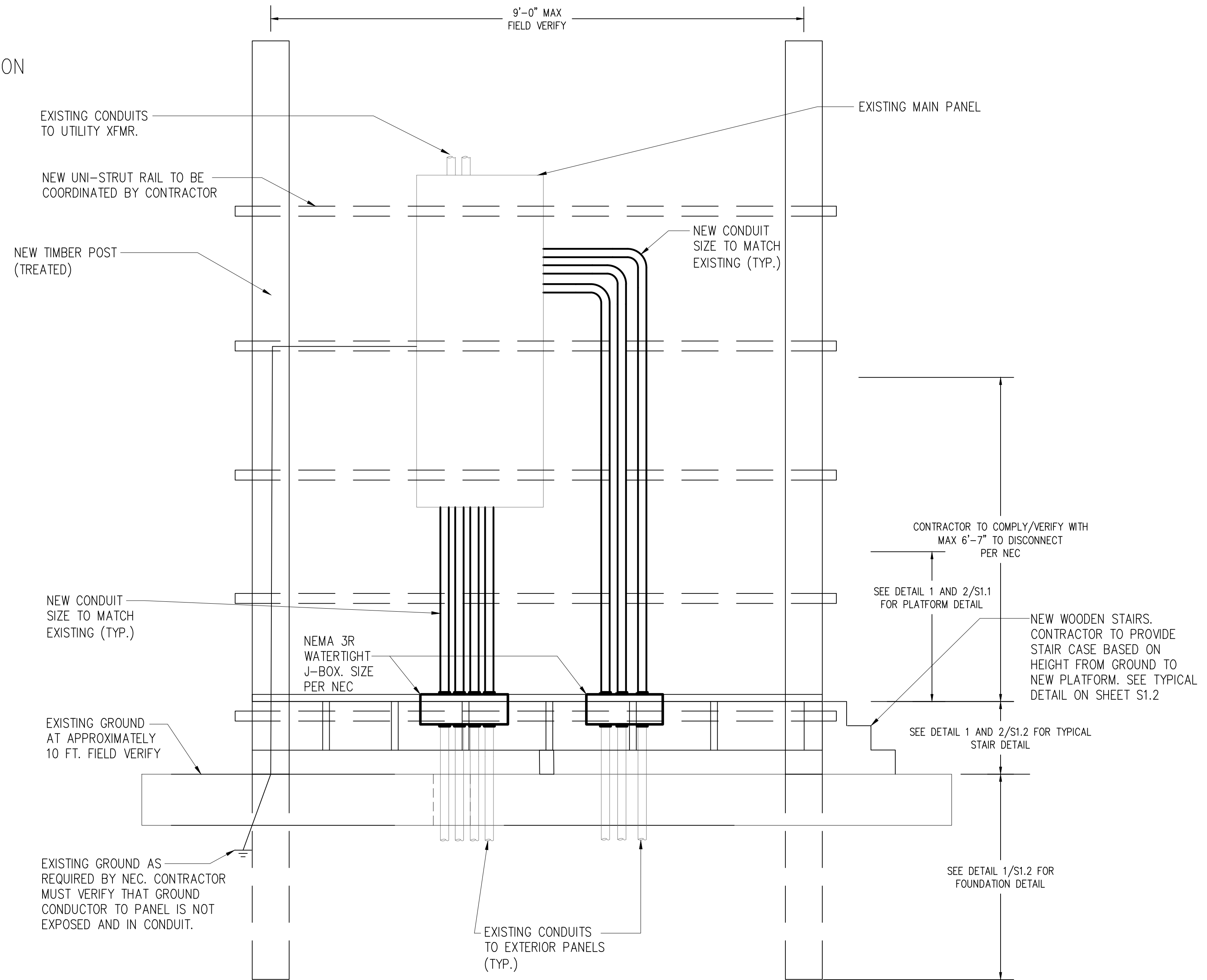
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1 SITE 7 EXISTING PROFILE VIEW
NTS



3 SITE 7 EXISTING REFERENCE PHOTO
NTS



2 SITE 7 PROPOSED NEW PROFILE VIEW
NTS



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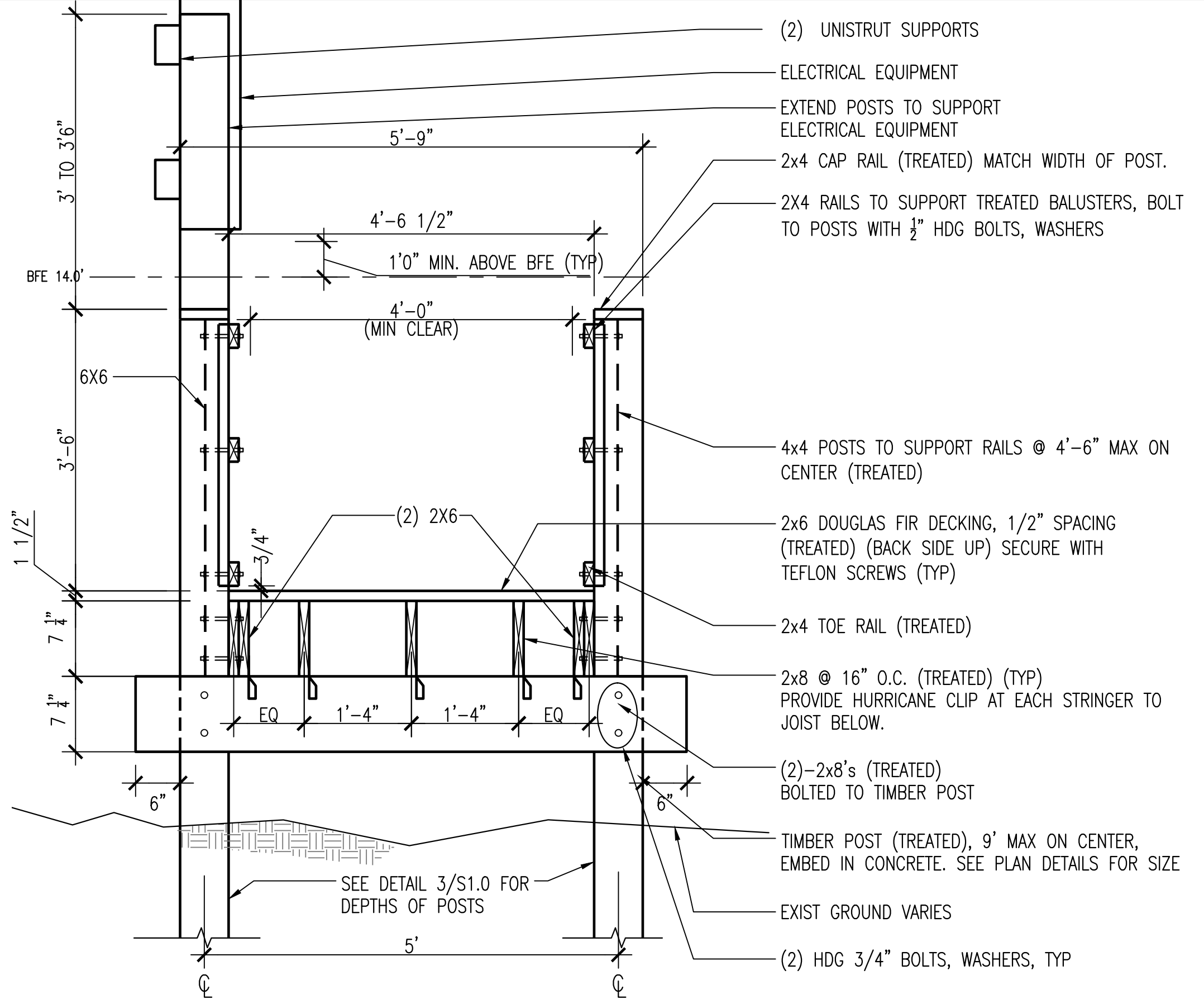
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SITE 7**

Project number R308586.01
Date 4/9/2024
Drawn by CT
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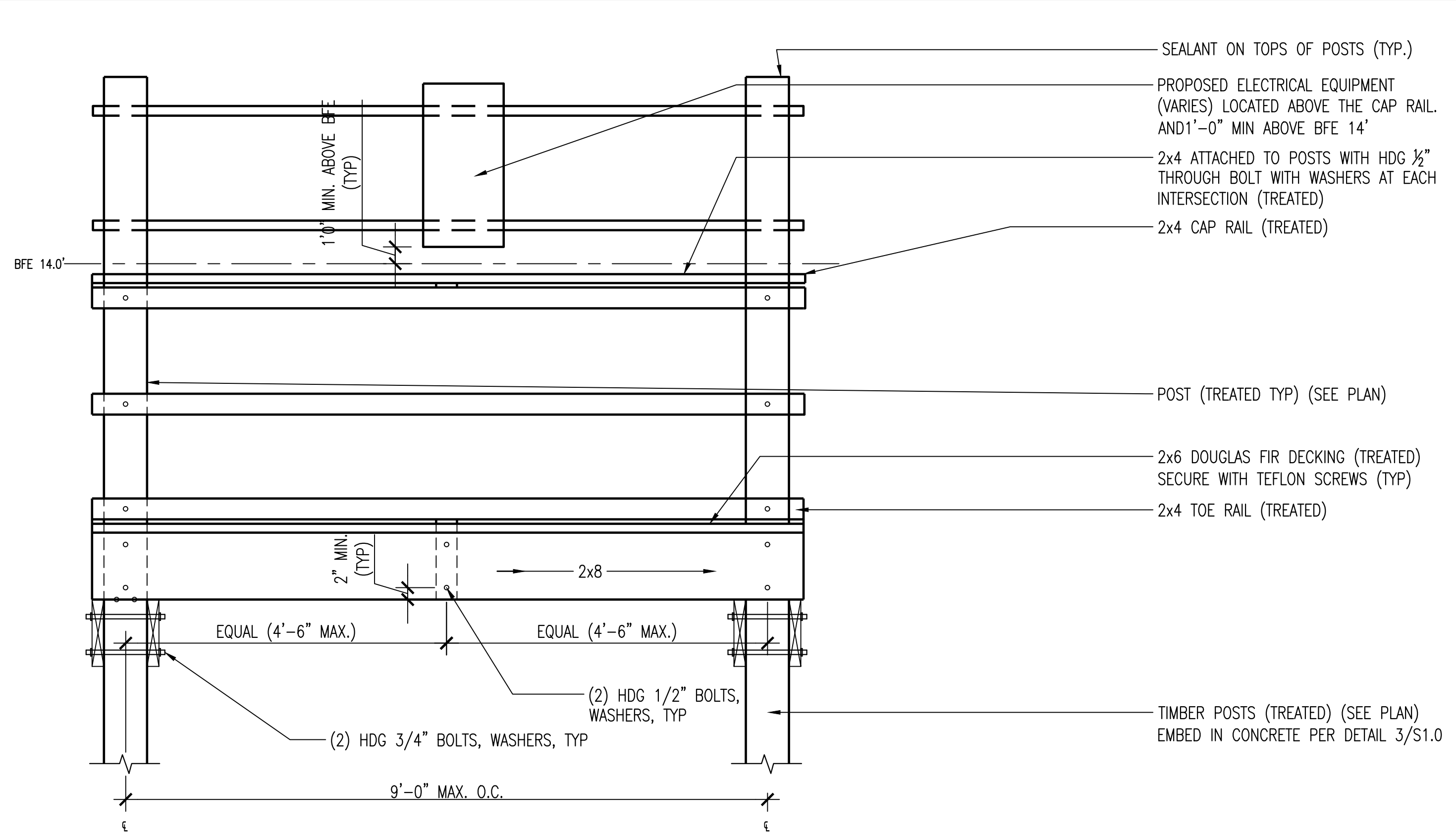
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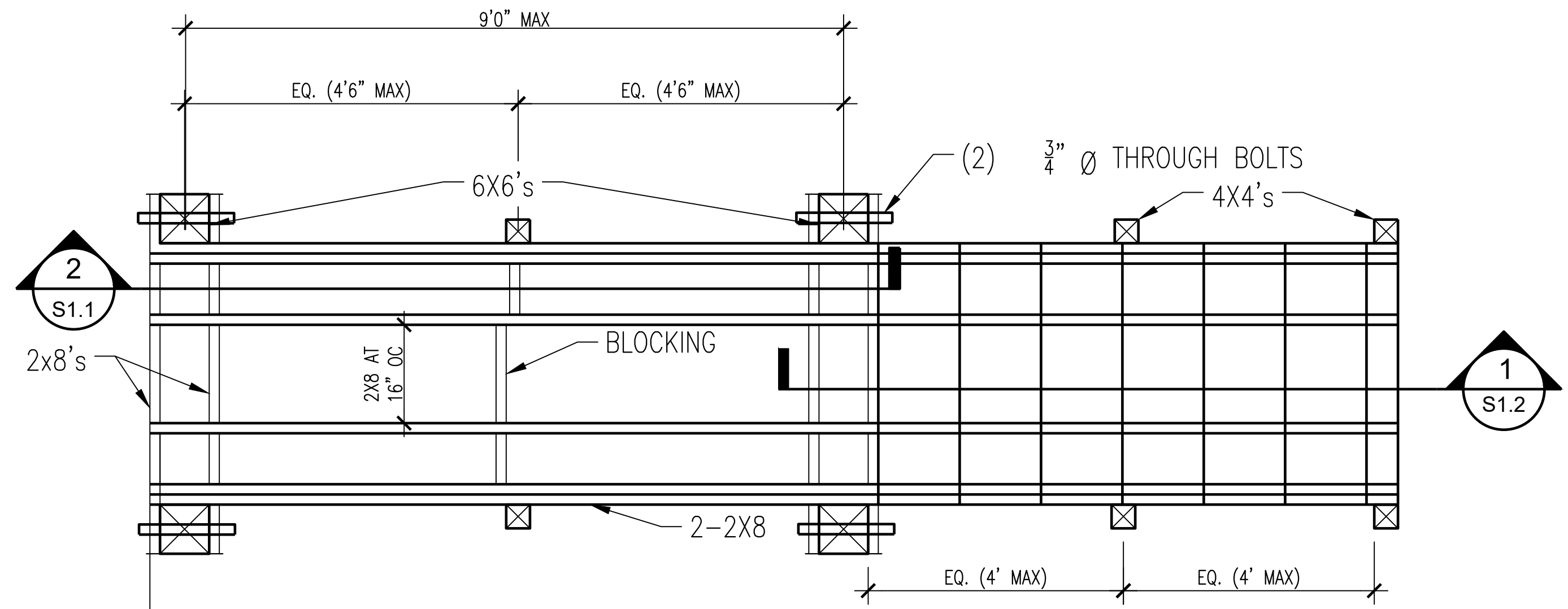
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1 PLATFORM SECTION SITES 1 AND 5
 S1.0 SCALE: 3/4" = 1'-0"



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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No.	Description	Date
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**GALVESTON COUNTY
 PAUL HOPKINS PARK
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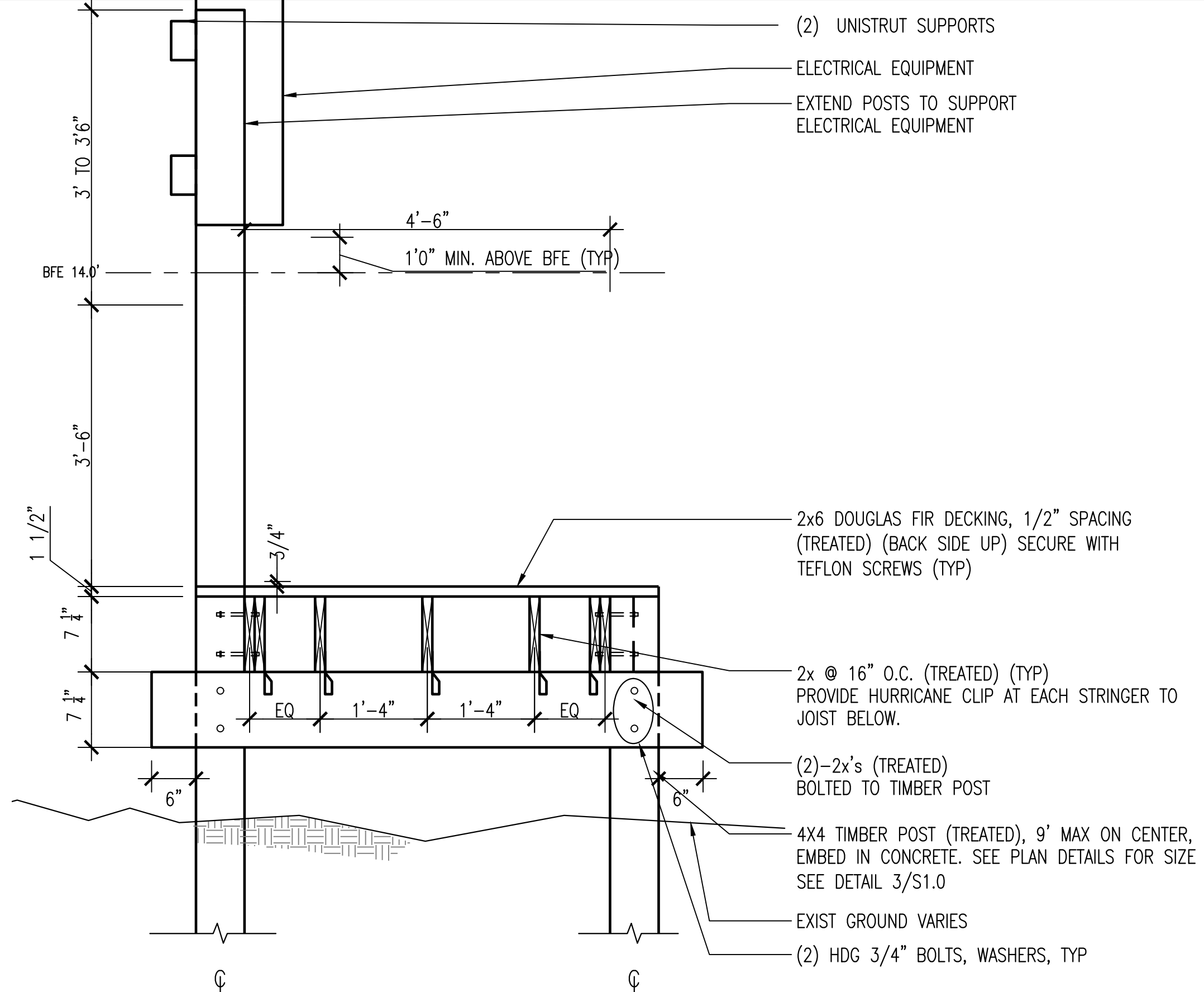
PLATFORM DETAILS (1 OF 3)

Project number R308586.01
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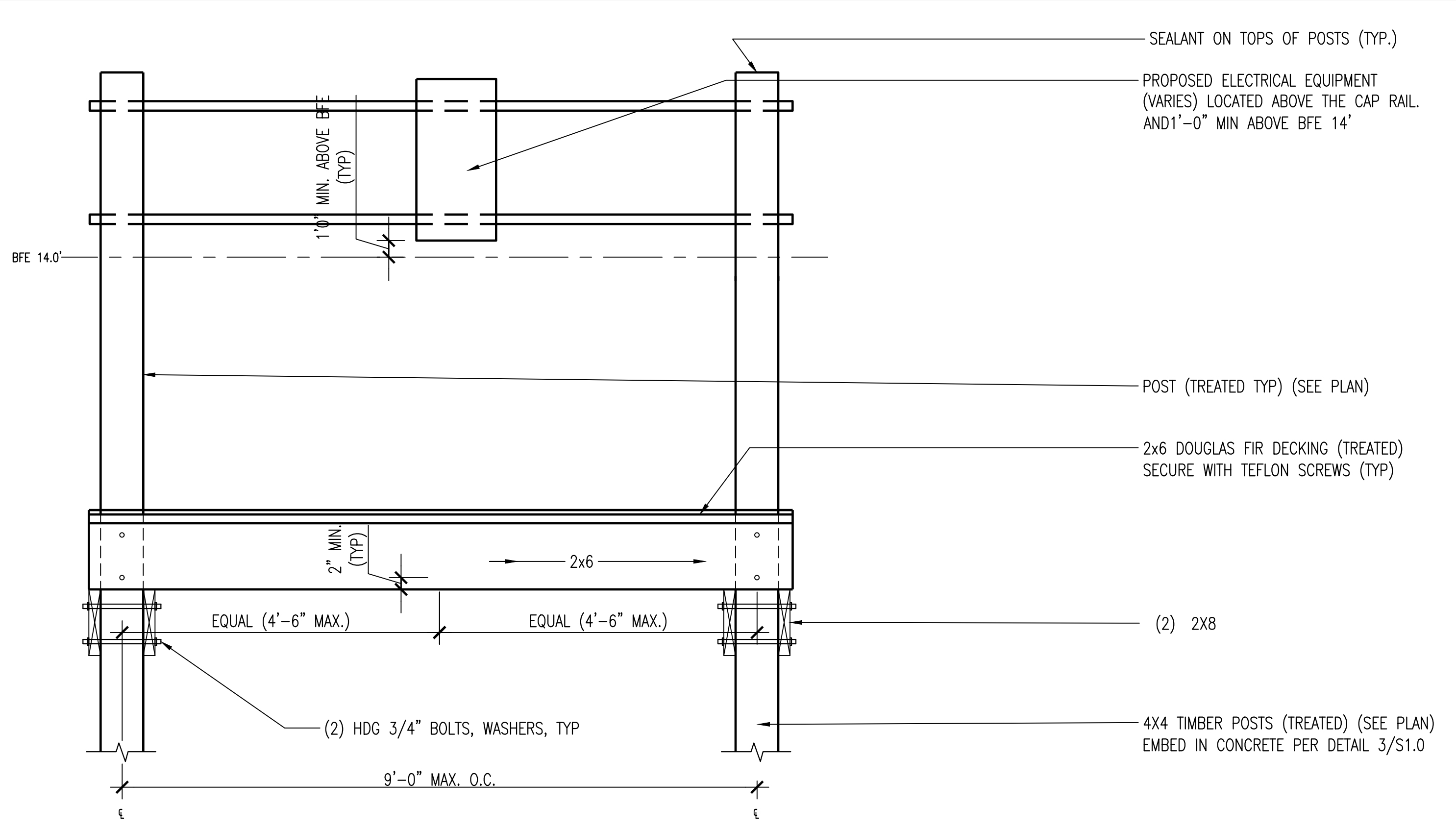
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SEE WOOD FRAMING NOTES ON
 F1.0

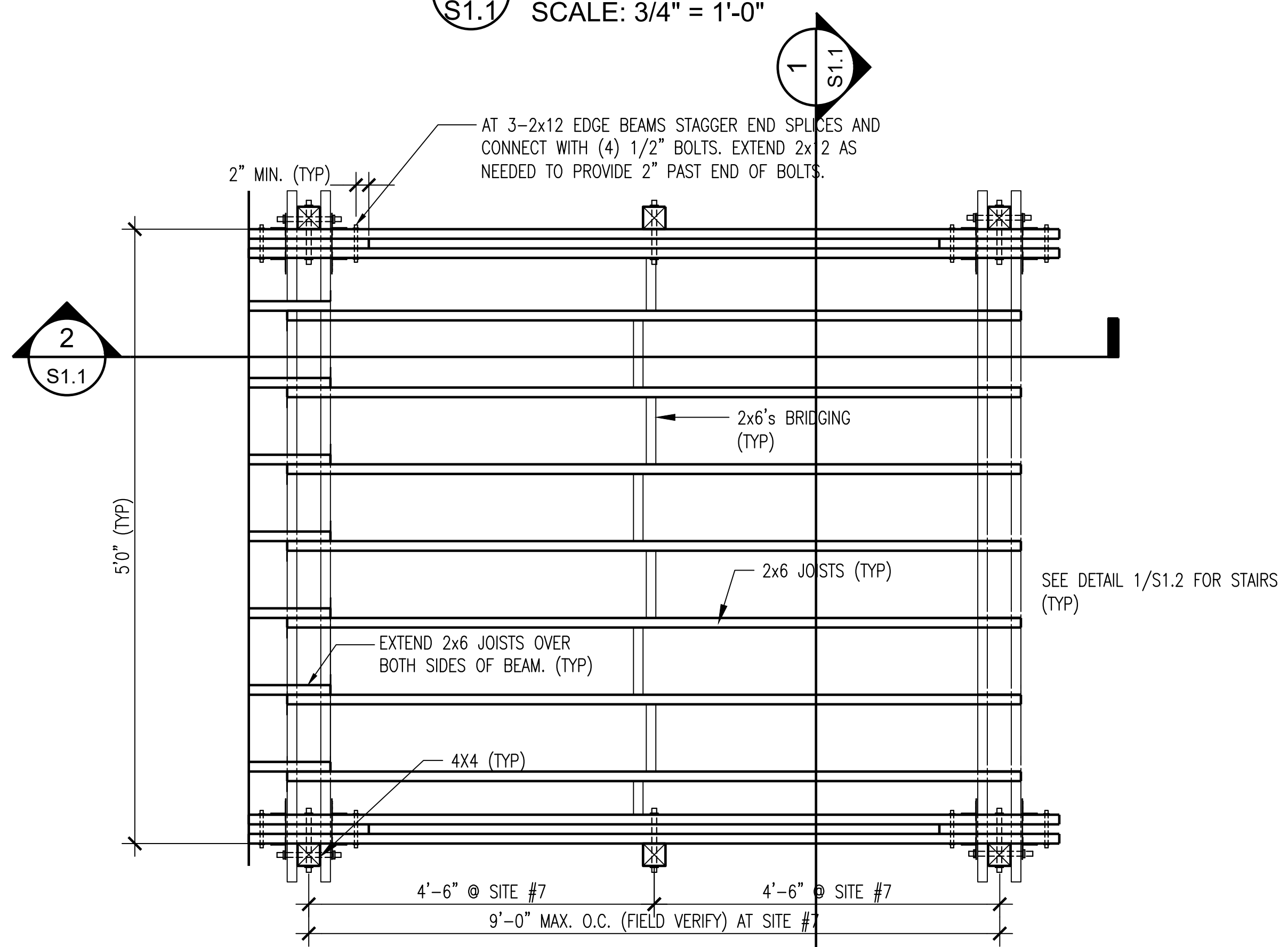
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1 PLATFORM SECTION SITES 2-4 AND 6-7
S1.1 SCALE: 3/4" = 1'-0"



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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No.	Description	Date
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



HUITT ZOLLARS

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Huitt-Zollars Inc.
Firm Registration No. F-761

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

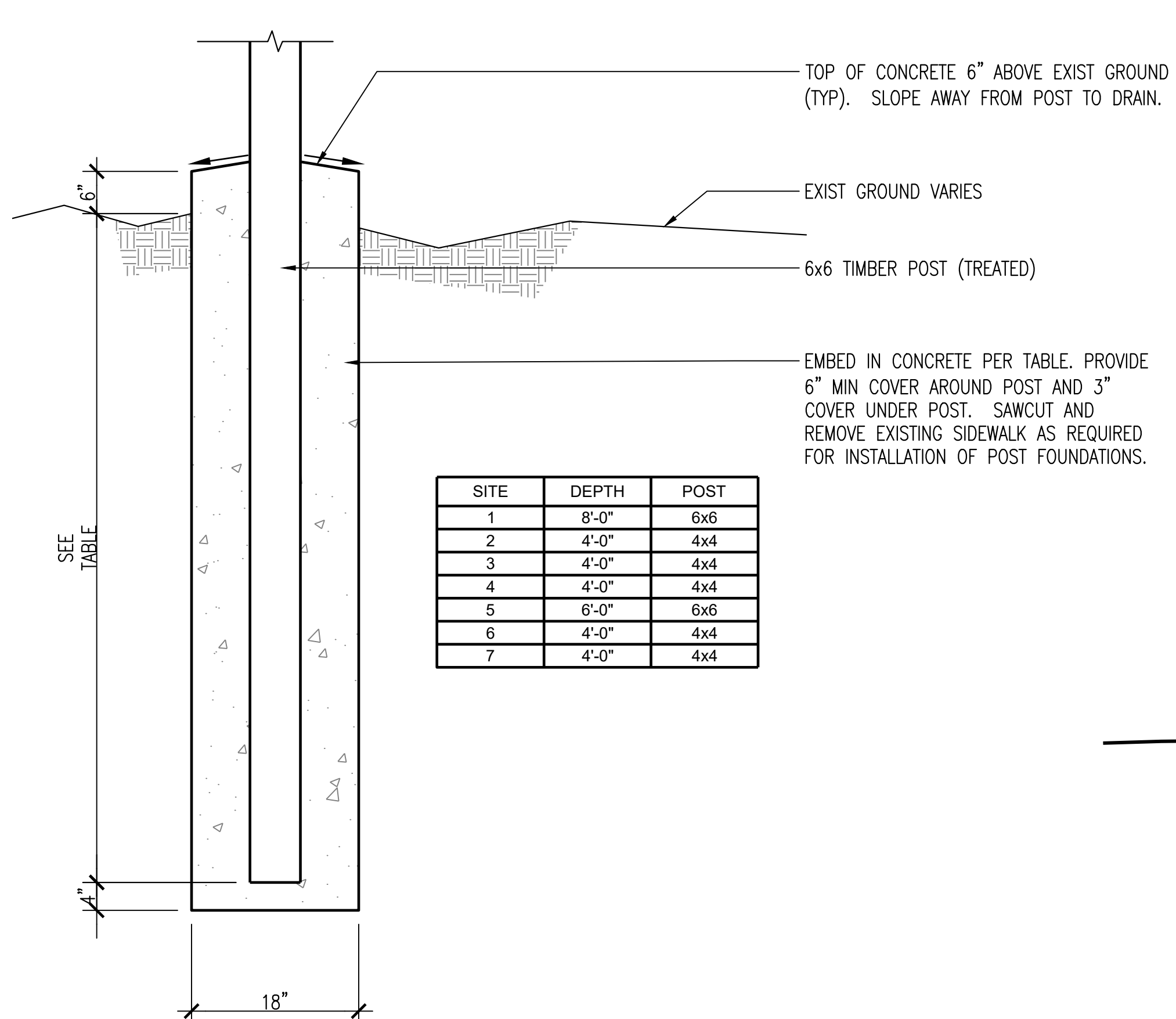
GALVESTON COUNTY
PAUL HOPKINS PARK
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PLATFORM DETAILS (3 OF 3)

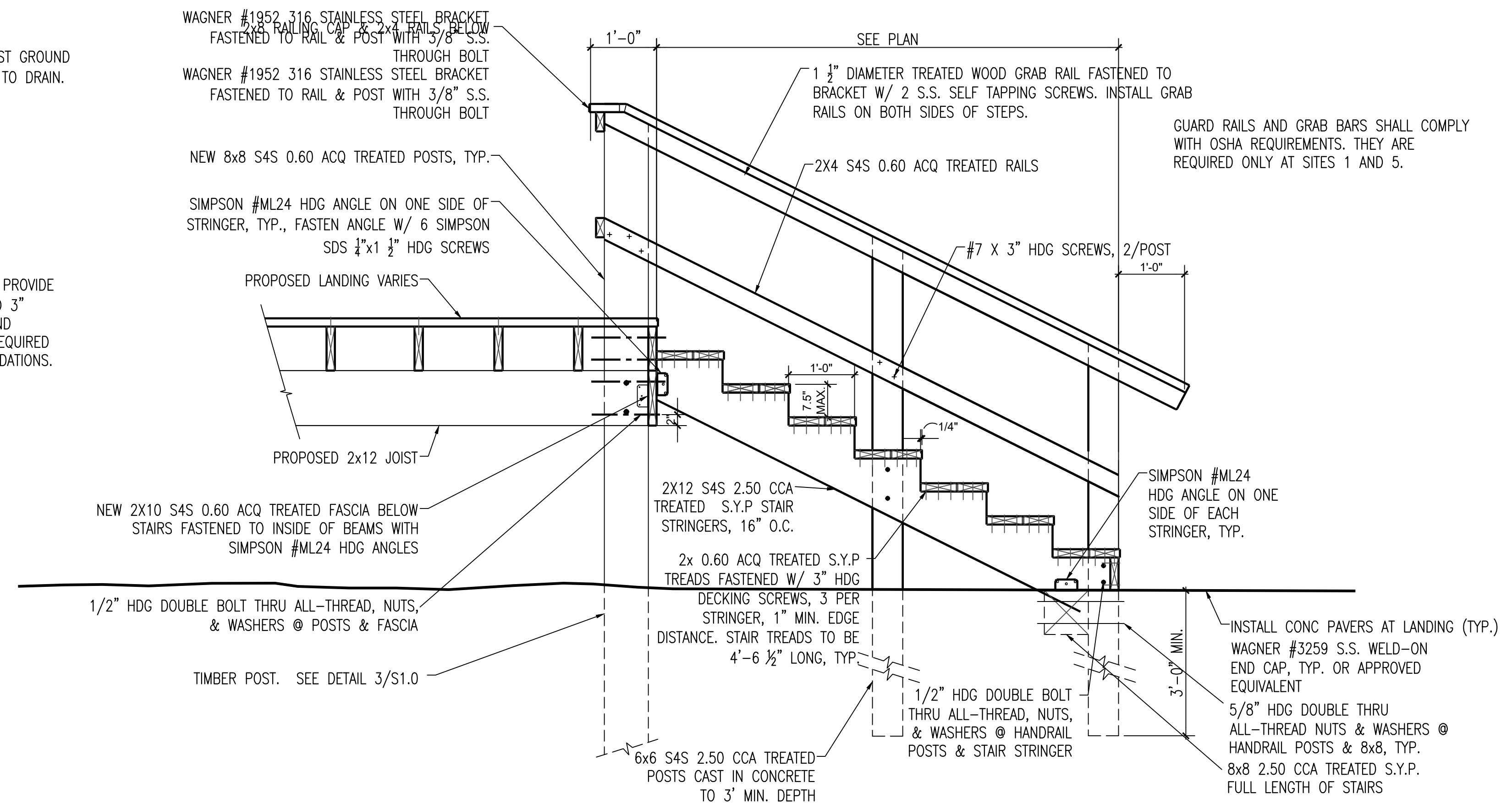
Project number R308586.01
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S1.2

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

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