

1 PERIMETER FENCE SECTION  
C-1 NTS.

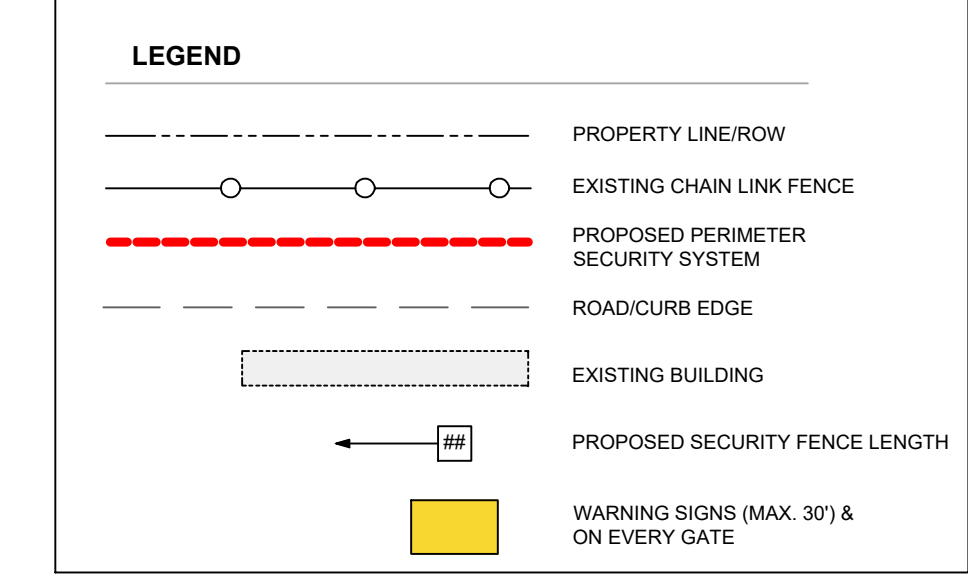
**KNOX INSTRUCTIONS FOR FIRE DEPT:**  
 FIRE DEPT SWITCH WILL BE INSTALLED AT THE MAIN GATE FOR EMERGENCY CUTOFF OF ELECTRIC GUARD DOG SECURITY FENCE.  
 WHEN ENTERING THE PROPERTY:  
 1. KNOX SWITCH WILL BE TURNED TO THE OFF POSITION TO TURN THE SECURITY FENCE OFF (DE-ENERGIZE).  
 THIS WILL ALLOW FIRST RESPONDERS TO THEN UNLOCK THE GATE AND ENTER THE PROPERTY.  
 EXISTING RAZOR WIRE TO BE REMOVED & FIRE DEPARTMENT ACCESS SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.

**NOTES**  
 POLE LOCATIONS: STEEL POLES: TO BE LOCATED APPROXIMATELY ON EACH SIDE OF GATE(S) & EVERY 90° (OR GREATER) TURN IN FENCE LINE. FIBERGLASS/INTERMEDIATE POLES: TO BE LOCATED APPROXIMATELY EVERY 30'  
 DISCLAIMER: POLE LOCATIONS MAY SLIGHTLY DEVIATE FROM STIPULATIONS ABOVE DUE TO ON-SITE CONDITIONS  
 THE PROPOSED PROJECT SHALL FULLY COMPLY WITH THE 2022 VERSION OF THE CALIFORNIA BUILDING, PLUMBING, MECHANICAL, ELECTRICAL, GREEN, ENERGY, AND FIRE CODES, AS ADOPTED AND AMENDED BY THE CITY OF RIVERSIDE, OR THE VERSION OF THESE CODES IN EFFECT AT THE TIME A NEW PERMIT APPLICATION IS FILED.

**PROPERTY OWNER**  
 GO RIVERSIDE COLUMBIA OWNERS  
 18301 VON KARMAN AVE #250,  
 IRVINE CA 92612  
**PROJECT DATA**  
 APN: 249-050-027  
 ACRES: 8.27  
 ZONING: I-SP - GENERAL INDUSTRIAL  
 SPECIFIC PLAN (HUNTER BUSINESS PARK)  
 OVERLAY ZONES

**SITE PLAN REQUEST TO AUTHORIZE AN ELECTRIFIED FENCE SECURITY SYSTEM FOR:**  
 84 LUMBER  
 1600 COLUMBIA AVE  
 RIVERSIDE, CA 92507

**LEGAL DESCRIPTION**  
 LAND USE: LIGHT INDUSTRIAL  
 BUSINESS HOURS: 6AM - 5PM

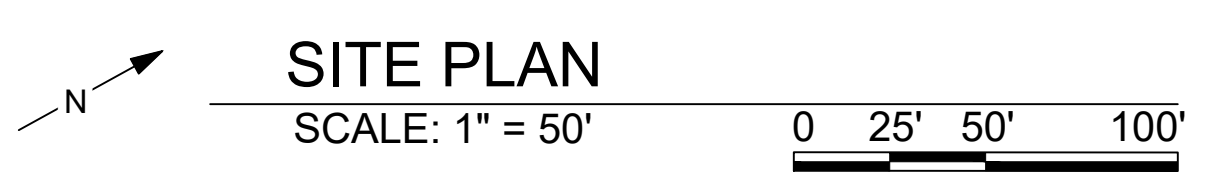
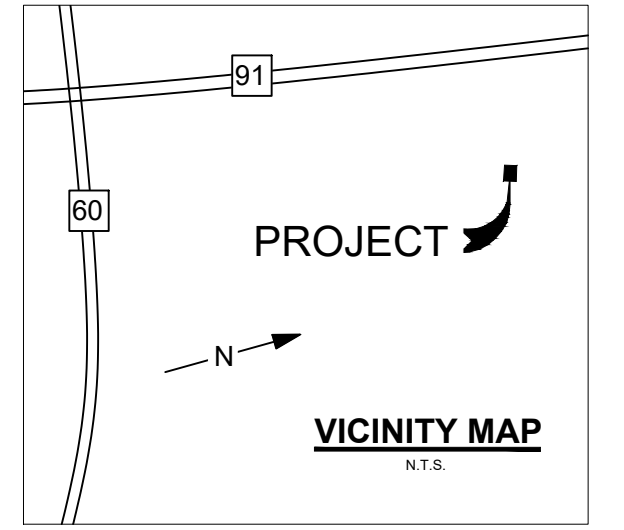
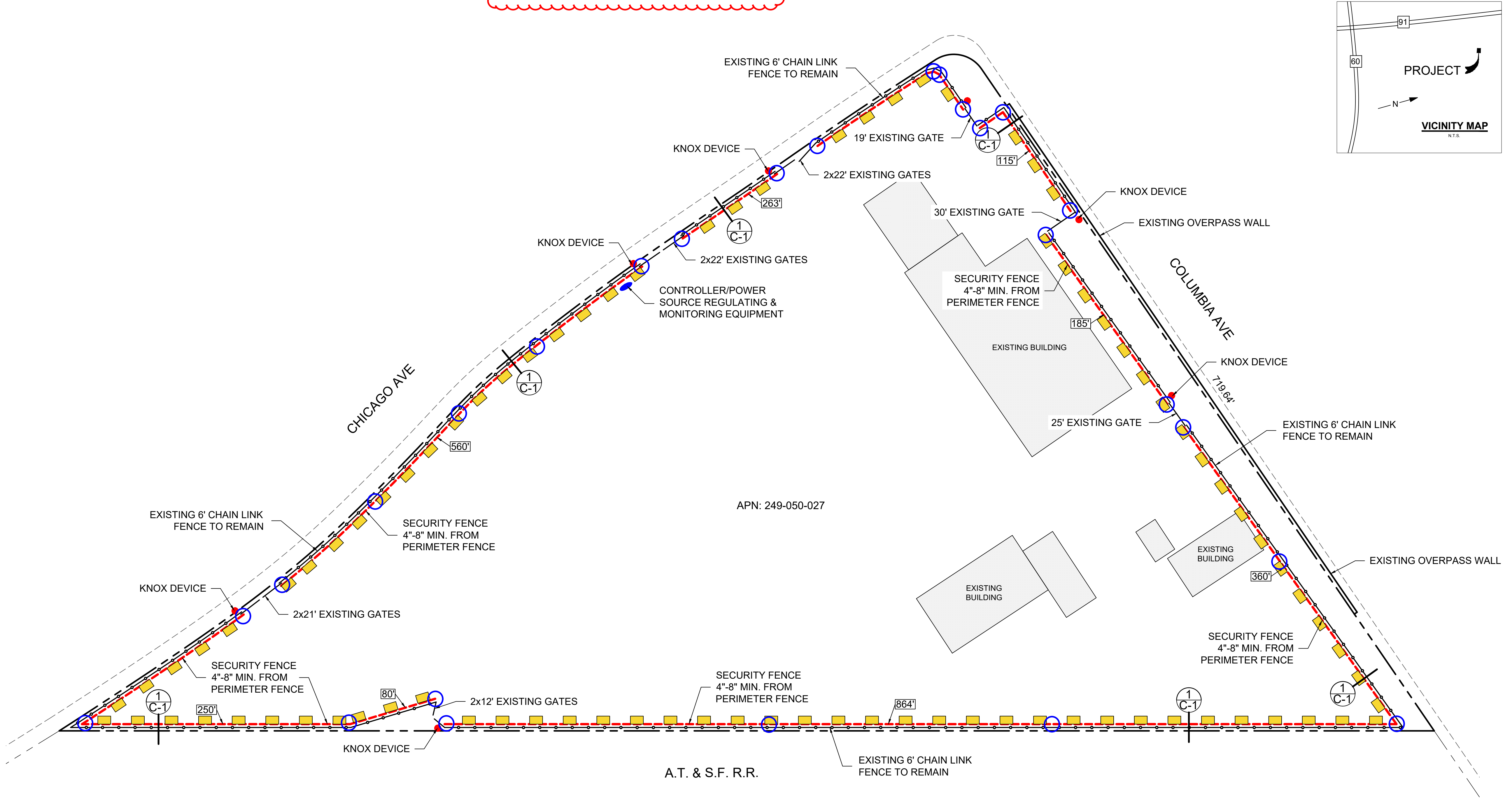


#	DATE / DESCRIPTION



○ DENOTES LOCATIONS FOR STEEL POLE PER 300' MAX SPACING CALCULATIONS AND NOTES THIS SHEET

ALL EXISTING STRUCTURES AND IMPROVEMENTS WITHIN 100 FEET OF PROJECT SITE ARE SHOWN



**AMAROK**  
 ULTIMATE PERIMETER SECURITY  
 550 Assembly Street, 5th Floor Columbia, SC 29201 Ph: 803-786-6333

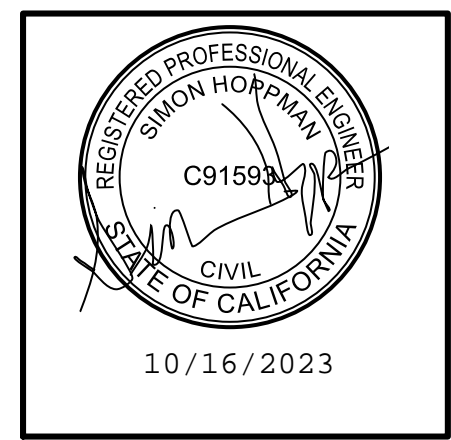
PROJECT: 84 LUMBER  
 1600 COLUMBIA AVE  
 RIVERSIDE, CA 92507  
 SHEET TITLE: SITE PLAN

APPLICANT: AMAROK  
 550 ASSEMBLY ST 5TH FL  
 COLUMBIA SC 29201  
 803-404-6189  
 ENGINEER: FDR ENGINEERS PLLC  
 121 KITTY HAWK DRIVE  
 MORRISVILLE, NC 27560  
 919-857-5100

DATE: 10/13/2023  
 SCALE: SEE PLAN

SHEET  
**C-1**  
 1 of 3

#	DATE / DESCRIPTION



**AMAROK**  
ULTIMATE PERIMETER SECURITY

550 Assembly Street, 5th Floor Columbia, SC 29201 PH: 803-786-6333

PROJECT: 84 LUMBER  
1600 COLUMBIA AVE  
RIVERSIDE, CA 92507

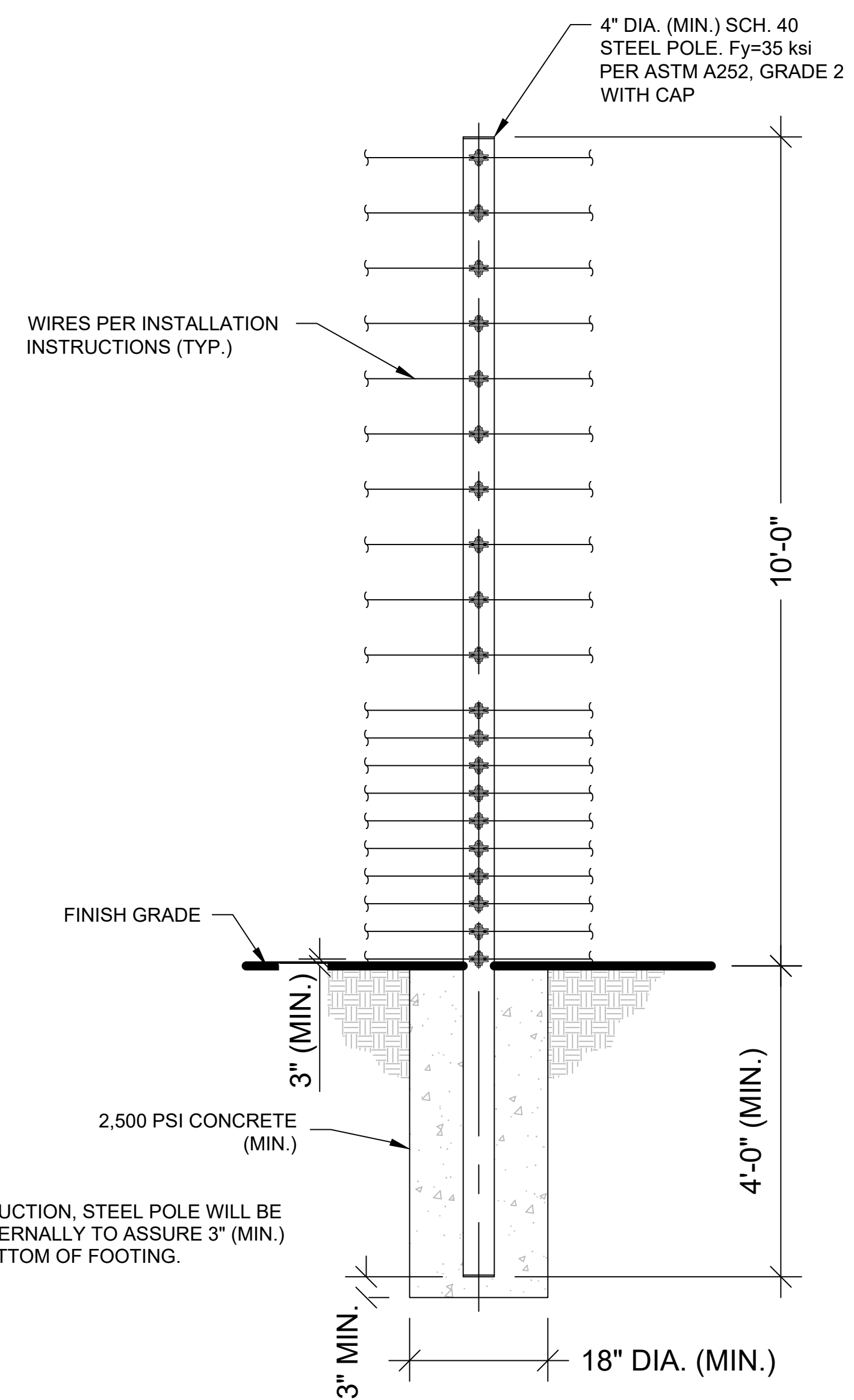
SHEET TITLE: TYPICAL DETAILS

APPLICANT: AMAROK  
550 ASSEMBLY ST 5TH FL  
COLUMBIA SC 29201  
803-404-6189

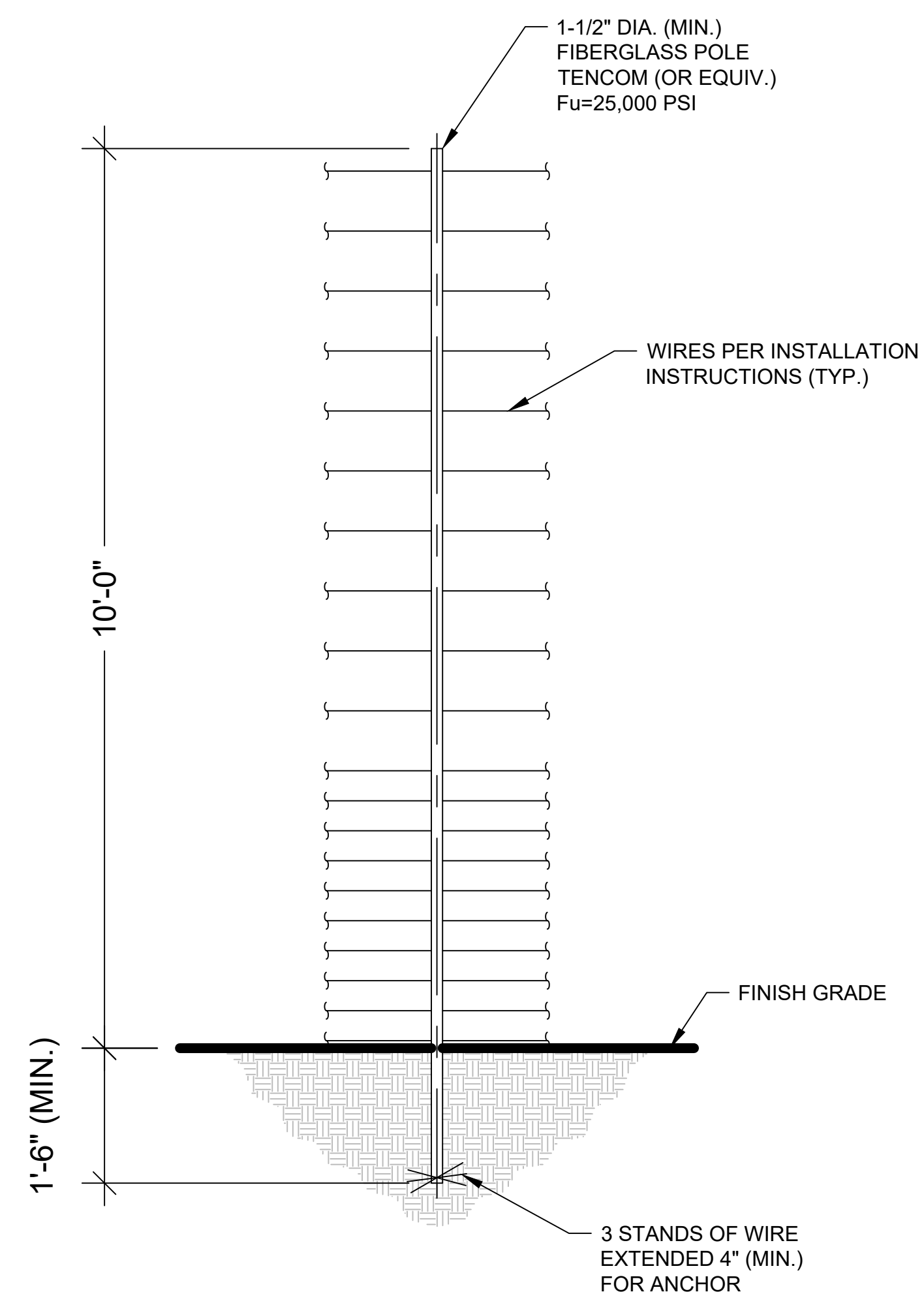
ENGINEER: FDR ENGINEERS PLLC  
121 KITTY HAWK DRIVE  
MORRISVILLE, NC 27560  
919-857-5100

DATE: 10/13/2023  
SCALE: SEE PLAN

SHEET  
**C-2**  
2 of 3



**STEEL POLE DETAIL**  
SCALE: NONE (STRUCTURAL)



**FIBERGLASS POLE DETAIL**  
SCALE: NONE (NON-STRUCTURAL, NON-LOAD BEARING WIRE SEPARATOR)

**RAPID TIGHTENERS**

RAPID TIGHTENERS ARE INSTALLED IN EVERY SECTION - BETWEEN 6" INCHES AND 3 FEET FROM A FIBERGLASS POLE - TOWARD THE CENTER OF THE RUN.

THE TIGHTENERS ARE ALTERNATED ON OPPOSITE SIDES OF THE POLE TO PREVENT GROUNDS FROM HITTING WIRES WITH CURRENT.

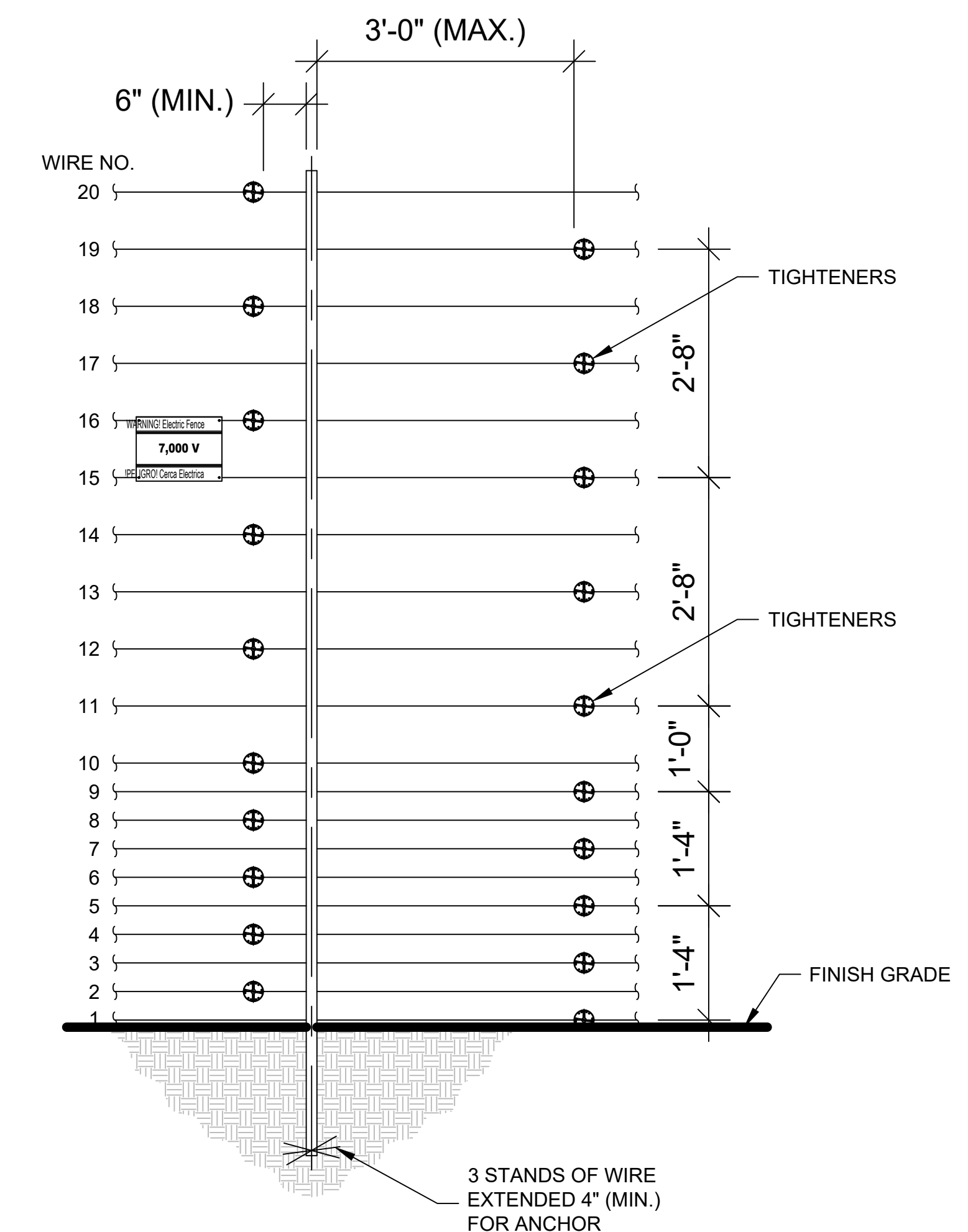
WIRE SHOULD BE WRAPPED TWO OR THREE TIMES AROUND EACH TIGHTENER.

**WARNING SIGNS**

WARNING SIGNS MUST BE INSTALLED EVERY 30 FEET, WHICH IS THE MAXIMUM DISTANCE BETWEEN SIGNS.

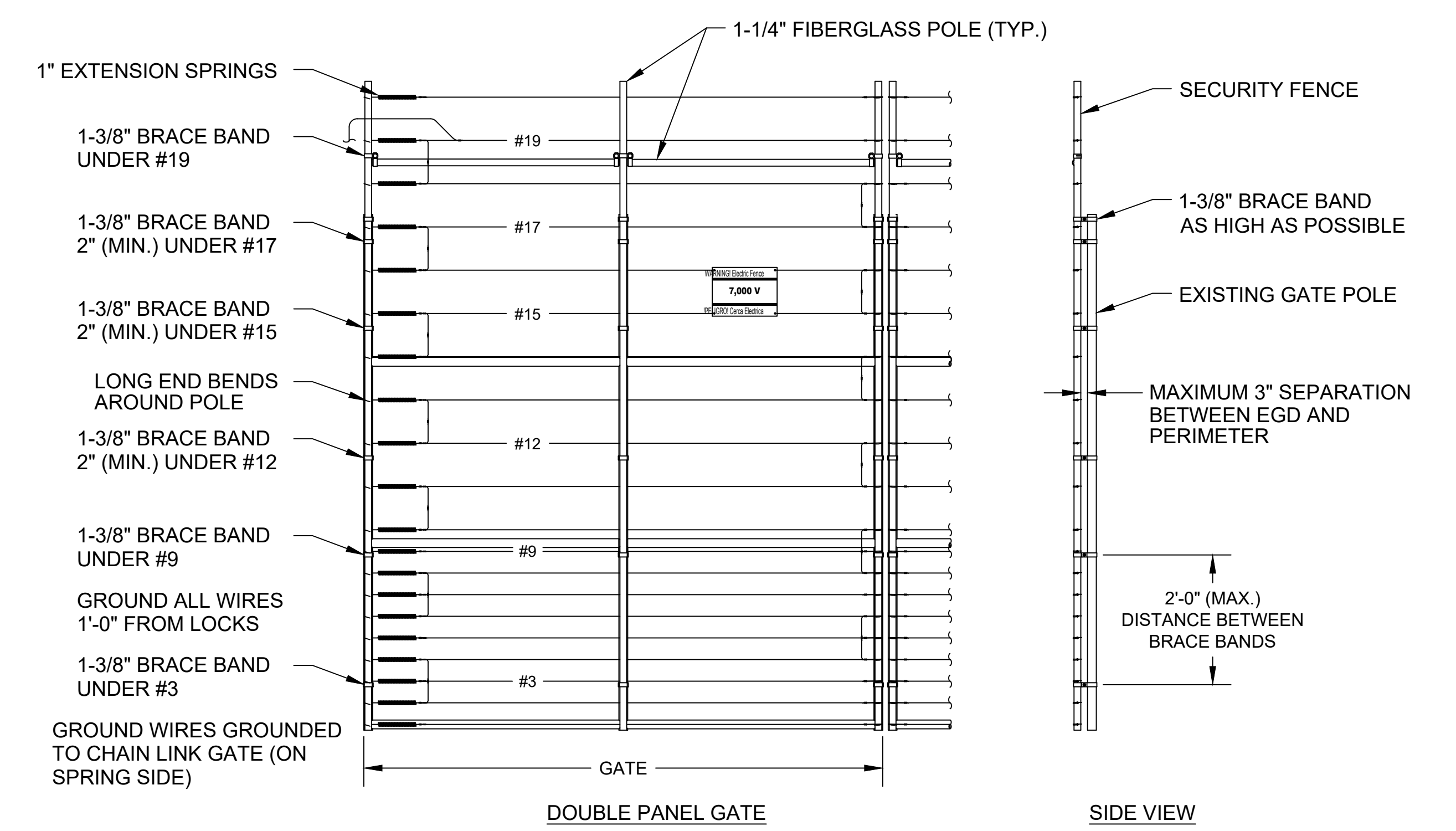
ALL WARNING SIGNS SHOULD BE MOUNTED EITHER BETWEEN WIRES 15 & 16 OR AT BEST VISIBLE HEIGHT.

IF INSTALLED BEHIND A SOLID FENCE, WARNING SIGNS SHOULD ALSO BE PLACED ON OR ABOVE THE PERIMETER FENCE.



**WIRE CONNECTIONS**  
SCALE: NONE (FIBERGLASS POLE)

- GATE DETAIL NOTES:**
- BRACE BANDS ARE INSTALLED AS HIGH AS POSSIBLE UNDER #3 AND #9, 2" (MIN.) UNDER #12, #15, AND #17, UNDER #19 AND AS HIGH ON THE GATE AS POSSIBLE. MAXIMUM DISTANCE OF 2' BETWEEN BRACE BANDS.
  - SPRINGS ARE LOCATED ON HINGE SIDE OF SWING GATE AND REAR OF SLIDE GATE.
  - ALL CONTACTS MUST INCLUDE SPRINGS.
  - ALL CONTACTS MUST HAVE BOLT THROUGH FIBERGLASS (NO SET SCREWS).
  - ALL BRACE BANDS HOOKED TO CHAIN LINK MUST HAVE SET SCREW.
  - EVERY GATE PANEL MUST HAVE A SIGN.
  - ALL GATE CONTACTS MUST BE SECURE IN A MANNER THAT ENSURES CONTACT WILL EASILY BE MADE.
  - GATE MOUNTS WILL NOT IMPACT THE FUNCTIONALITY OF THE GATE.



**GATE DETAIL**  
SCALE: NONE

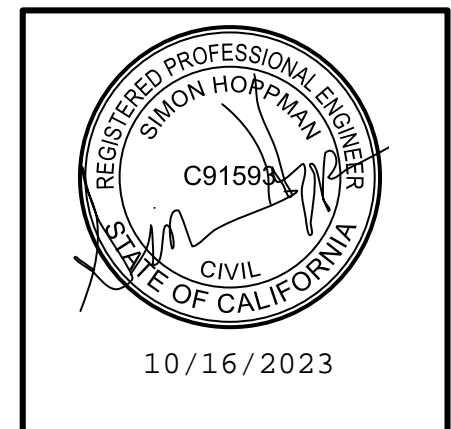
**NOTE:**  
DURING CONSTRUCTION, STEEL POLE WILL BE SUPPORTED EXTERNALLY TO ASSURE 3" (MIN.) SPACE FROM BOTTOM OF FOOTING.



WARNING SIGNS SHALL BE PLACED AT EACH ENTRANCE OF THE PROPERTY AND MAX 30 FEET ON CENTER THEREAFTER

EXAMPLE WARNING SIGN @ 9"x12"

#	DATE / DESCRIPTION



**AMAROK**  
 ULTIMATE PERIMETER SECURITY  
 550 Assembly Street, 5th Floor Columbia, SC 29201 PH: 803-786-6333

PROJECT: 84 LUMBER AVE  
 1600 COLUMBIA AVE  
 RIVERSIDE, CA 92507

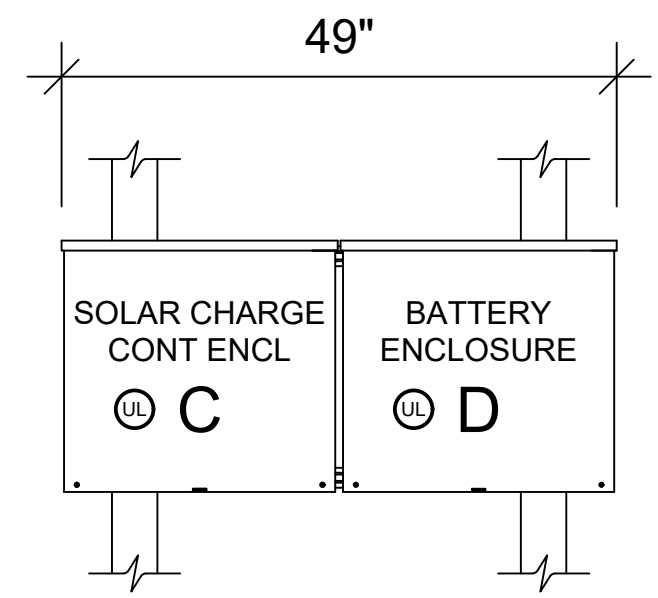
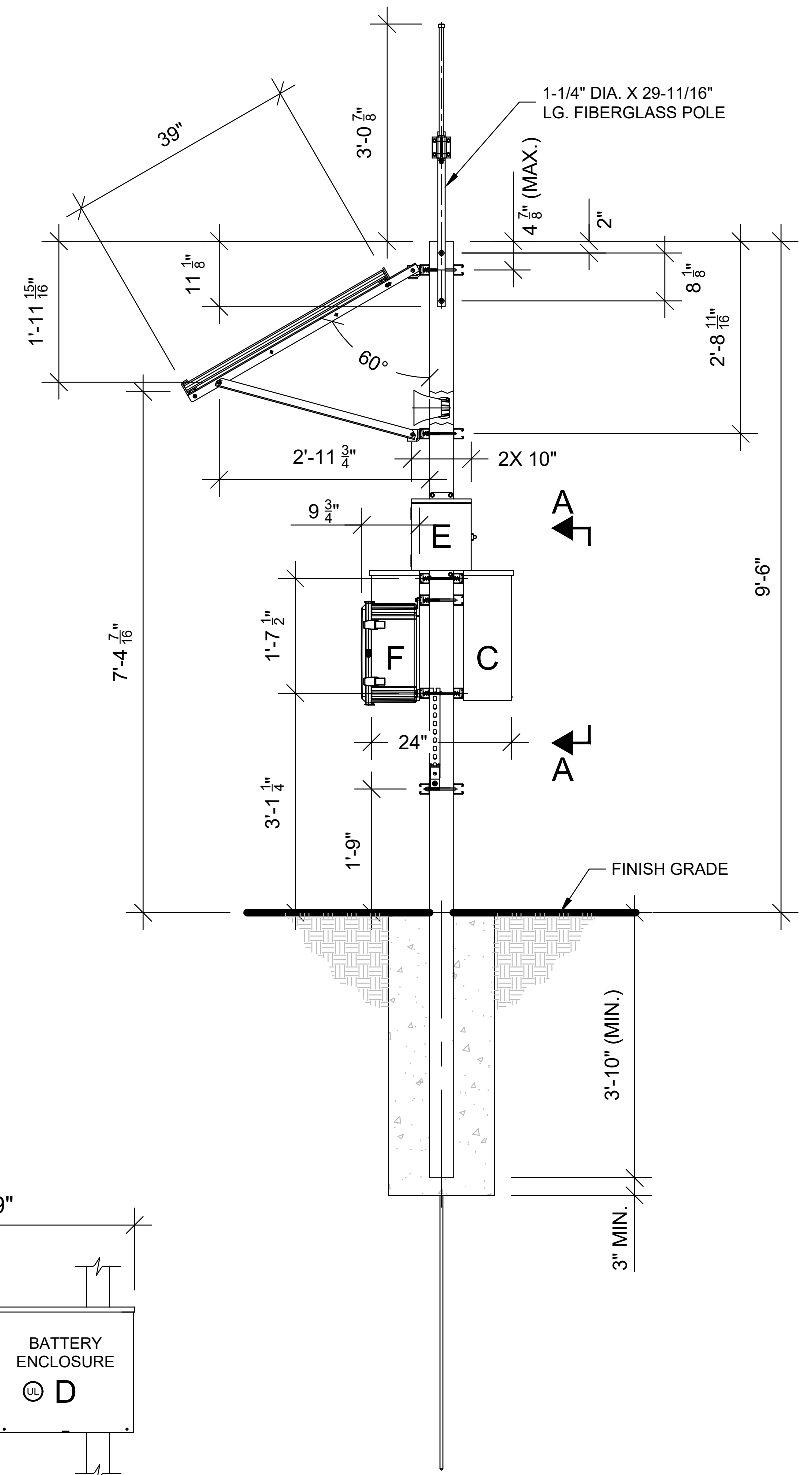
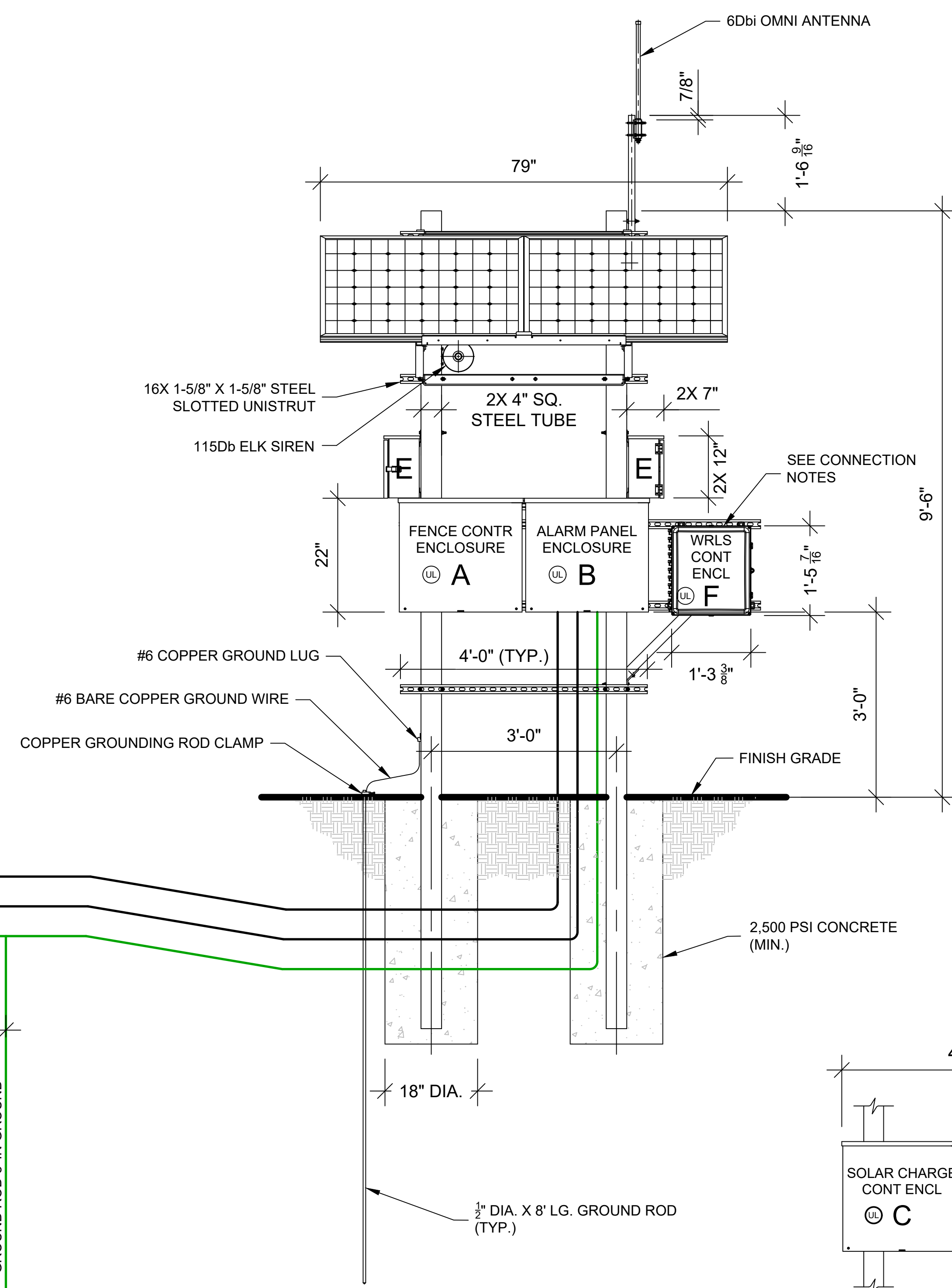
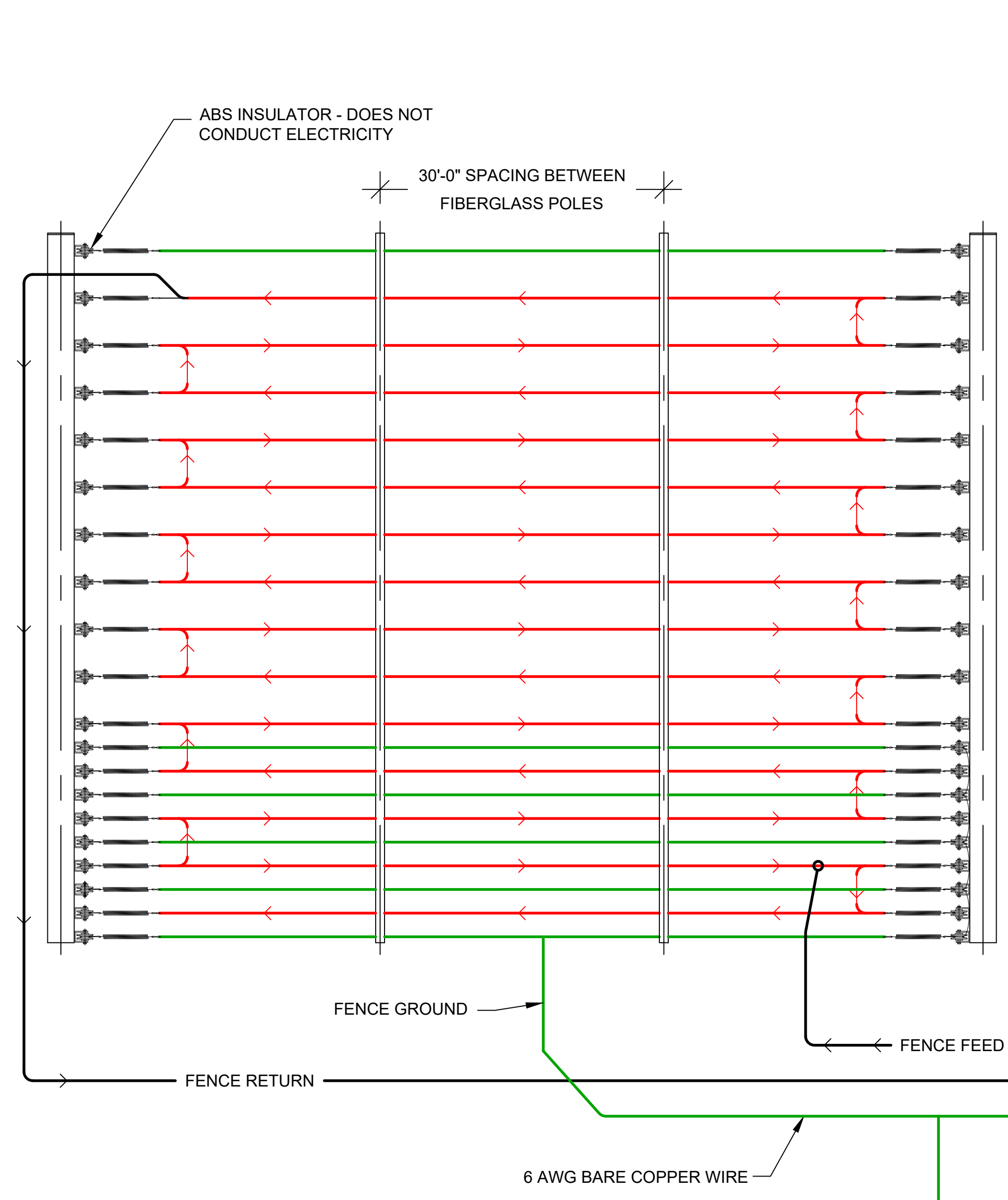
SHEET TITLE: TYPICAL DETAILS

APPLICANT: AMAROK  
 550 ASSEMBLY ST 5TH FL  
 COLUMBIA SC 29201  
 803-404-6189

ENGINEER: FDR ENGINEERS PLLC  
 121 KITTY HAWK DRIVE  
 MORRISVILLE, NC 27560  
 919-857-5100

DATE: 10/13/2023  
 SCALE: SEE PLAN

SHEET  
**C-3**  
 3 of 3



FRONT ELEVATION

VIEW A-A  
 (KEYPAD/WIRELESS CONTROLLER ENCLOSURES REMOVED FOR CLARITY)

RIGHT SIDE ELEVATION

**GENERAL NOTE:**

EQUIPMENT ARRANGEMENT AND ELEVATION SHOWN ARE FOR REFERENCE ONLY. ACTUAL EQUIPMENT ARRANGEMENT, SHAPE, SIZE, LOCATION, AND QUANTITY ARE CUSTOMER SITE SPECIFIC AND CAN VARY FROM DRAWING DEPICTION.

**CONNECTION NOTES:**

- A: FENCE CONTROLLER ENCLOSURE - HOUSES THE FENCE ENERGIZER OR EQUIVALENT. THIS BOX CONNECTS TO "A" / ALARM PANEL ENCLOSURE USING THE APS WHIP / 10 CONDUCTOR CABLE. ENCLOSURE WEIGHT 22 LBS. (MAX).
- B: ALARM PANEL ENCLOSURE - HOUSES THE ALARM CONTROL PANEL. THIS BOX INTERCONNECTS TO "B" / FENCE CONTROLLER ENCLOSURE USING THE APS WHIP / 10 CONDUCTOR CABLE AND "C" / SOLAR CHARGE CONTROLLER USING TWO CONDUCTOR CABLE. ENCLOSURE WEIGHT 21 LBS. (MAX).
- C: SOLAR CHARGE CONTROLLER ENCLOSURE - HOUSES POWER ELEMENTS FOR SOLAR CHARGE CONTROLLER AND DISCONNECTS FOR SOLAR, BATTERY, AND LOAD CONNECTIONS. POWER UP PROCEDURE: TURN ON BATTERY BREAKER FIRST, THEN TURN ON SOLAR BREAKER. THE ELECTRONICS POWER IS CONTROLLED BY THE LOAD BREAKER. ENCLOSURE WEIGHT 25 LBS. (MAX).
- D: BATTERY ENCLOSURE - HOUSES THE BATTERIES AND INTERCONNECTS TO "C" / SOLAR CHARGE CONTROLLER ENCLOSURE USING TWO CONDUCTOR 14G AND 10G THWN WIRES. ENCLOSURE WEIGHT 145 LBS. (MAX).
- E: KEYPAD ENCLOSURE - HOUSES THE KEYPAD. THIS BOX INTERCONNECTS TO "B" USING 10 CONDUCTOR / 18 AWG WIRE. ENCLOSURE WEIGHT 12 LBS. (MAX).
- F: WIRELESS CONTROLLER ENCLOSURE - HOUSES THE WIRELESS RADIO CONTROLLER AND RELAYS. CONNECTS TO "A" / SOLAR CHARGE CONTROLLER ENCLOSURE USING TWO CONDUCTOR 14G THWN WIRES. ENCLOSURE WEIGHT 21 LBS. (MAX).

**NOTES:**

MOUNT 4 SILVER BOXES TO A PAIR OF HSS TUBE 4"x4"x10 GA (0.134" WALL THICKNESS) ASTM A500 GRADE B OR C 55 KSI YIELD (MIN.) STEEL POLES. BOTTOM OF THE LOWEST BOX MUST BE A MINIMUM OF 3 FEET ABOVE GROUND LEVEL. THE SUPPORT POLES MUST BE EMBEDDED AT A MINIMUM OF 3'-10" BELOW GROUND LEVEL.

**ASSEMBLY WEIGHT CHART**

DESCRIPTION	WEIGHT (LBS.)
SOLAR PANELS	61.6
SOLAR PANEL MTG. KIT	27.0
UNISTRUT	108.8
OMNI ANTENNA ASSEMBLY	3.59
SIREN	1.5

**ELECTRONICS ARMATURE**

LOCATION	DESCRIPTIVE NAME
MAIN GATE	HEAD-END ELECTRONICS