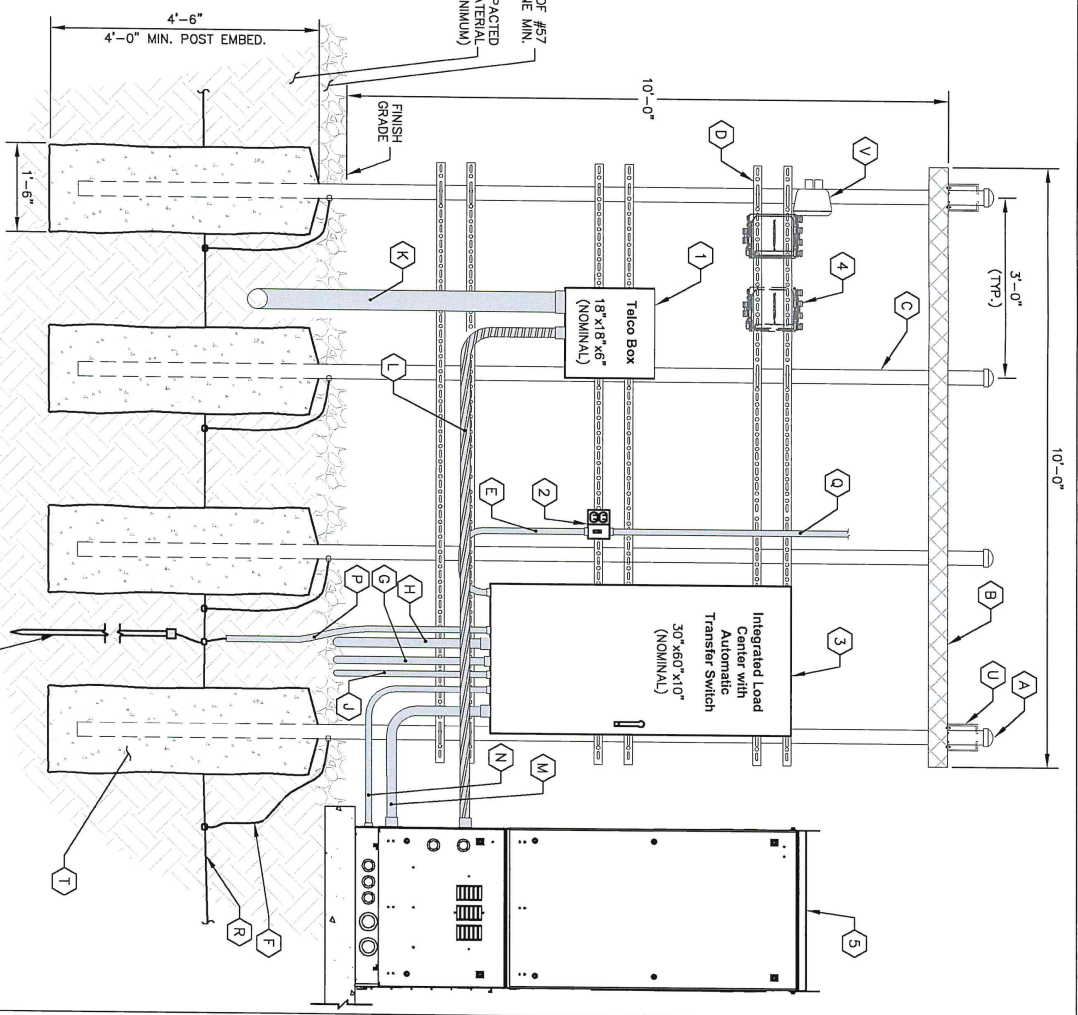


KEY NOTES - CONDUIT, CONDUCTORS, & MISC

- A GALVANIZED RIGID STEEL CAP, TYPICAL.
- B ICE BRIDGE, SEE CIVIL SHEETS FOR ADDITIONAL DETAILS.
- C 3" GALVANIZED RIGID STEEL PIPE, TYPICAL.
- D 1 1/2" X 1 1/2" GALVANIZED STEEL CHANNEL (UNISTRUT #P1000) WITH PLASTIC END CAP (UNISTRUT #P2860), TYPICAL.
- E 1" PVC CONDUIT FOR ROUTING POWER CONDUCTORS TO LIGHTS/DUPLEX OUTLET.
- F ONE (1) #2 AWG BARE SOLID TINNED COPPER BONDING CONDUCTOR (BC) FROM H-FRAME VERTICAL PIPE TO GROUND RING, EXOTHERMIC WELD BOTH ENDS.
- G 1" PVC CONDUIT FOR ROUTING GENERATOR CONTROL AND ALARM SIGNAL CABLES TO THE GENERATOR.
- H 2" PVC CONDUIT FOR ROUTING POWER CONDUCTORS TO THE GENERATOR.
- I 1" PVC CONDUIT FOR ROUTING POWER CONDUCTORS TO THE GENERATOR BATTERY CHARGER AND THE GENERATOR BLOCK HEATER.
- J 4" PVC TELCO CONDUIT, WITH TWO (2) PULL ROPES.
- K 2" FLEX CONDUIT FOR TELCO CABLES TO RF CABINET. REFER TO ROUTING NOTES ON EQUIPMENT PAD LAYOUT.
- L 2" PVC CONDUIT FOR ROUTING POWER CONDUCTORS TO RF CABINET. REFER TO ROUTING NOTES ON EQUIPMENT PAD LAYOUT.
- M 1" PVC CONDUIT FROM INTEGRATED LOAD CENTER (ILC) TO RF CABINET FOR ALARM SIGNAL CABLE. REFER TO ROUTING NOTES ON EQUIPMENT PAD LAYOUT.
- N 3/4" PVC CONDUIT WITH ONE (1) - #2 AWG BARE TINNED COPPER GROUND LEAD FROM GROUNDING LUG IN ILC TO GROUND ROD, EXOTHERMIC WELD GEC TO GROUND ROD.
- O 1" PVC CONDUIT FOR ROUTING POWER CONDUCTORS TO AREA LIGHTS.
- P GROUND RING (SEE "E" SHEETS).
- Q CONCRETE FOUNDATION FOR H-FRAME VERTICAL PIPE, CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI, AND INCLUDE FIBERMESH 650.
- R WB-4210-B15 HORSEHEAD SUPPORT BRACKET (SEE "WAVEGUIDE BRIDGE DETAILS" SHEET). THRU BOLTS REQUIRED FOR ATTACHMENT IN LIEU OF FACTORY PROVIDED U-BOLTS.
- S INSTALL LIGHT FIXTURES ON 60" LONG P1000A UNISTRUT RAIL (SEE "EQUIPMENT PAD LAYOUT" SHEET). ATTACH P1000A TO H-FRAME POST USING TWO (2) UBS UNISTRUT CLAMPS. LIGHTS TO BE INSTALLED 7'-6" ABOVE GRADE.
- T NEMA 3R ENCLOSURE TELCO BOX WITH REMOVABLE FRONT PANEL, PVC, (18" X 18" X 6" NOMINAL).
- U 20 AMP GFCI DUPLEX RECEPTACLE AND TIMER SWITCH, ENERLITES HET06 SERIES (OR APPROVED EQUIVALENT) IN LOCKABLE NEMA 3R ENCLOSURE, 2 GANG BOX WITH RED DOT 20KPM-W COVER.
- V 200 AMP, 120/240 VOLT, INTEGRATED LOAD CENTER WITH #2 SPACE PANEL AND AUTOMATIC TRANSFER SWITCH (30" X 60" X 10" NOMINAL).
- W DUPLEXERS *AS NEEDED*.
- X VERIZON RF CABINET--REAR VIEW.

KEY NOTES - ELECTRICAL EQUIPMENT

- 1 NEMA 3R ENCLOSURE TELCO BOX WITH REMOVABLE FRONT PANEL, PVC, (18" X 18" X 6" NOMINAL).
- 2 20 AMP GFCI DUPLEX RECEPTACLE AND TIMER SWITCH, ENERLITES HET06 SERIES (OR APPROVED EQUIVALENT) IN LOCKABLE NEMA 3R ENCLOSURE, 2 GANG BOX WITH RED DOT 20KPM-W COVER.
- 3 200 AMP, 120/240 VOLT, INTEGRATED LOAD CENTER WITH #2 SPACE PANEL AND AUTOMATIC TRANSFER SWITCH (30" X 60" X 10" NOMINAL).
- 4 DUPLEXERS *AS NEEDED*.
- 5 VERIZON RF CABINET--REAR VIEW.



NOTE: FOR CLARITY PURPOSES, THE FRONT ELEVATION OF THE "H" FRAME ONLY SHOWS EQUIPMENT AND CONDUIT ASSOCIATED WITH THE FRONT SIDE. SEE REAR SHEET FOR DETAILS ASSOCIATED WITH EQUIPMENT AND CONDUIT MOUNTED ON THE REAR SIDE OF THE "H" FRAME.

1 EQUIPMENT RACK DETAILS - FRONT
C4 NOT TO SCALE

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verizon
1000 OLD ALABAMA ROAD
NATION, GA 31654

PROJECT INFORMATION:
SITE NAME: OLD STATE ROAD
SITE NO.: 502581
FUZE PROJECT#: 15525785
6000 HOPE CIRCLE
NATION, GA 31654
LONDRES COUNTY

PLANS PREPARED BY:

Kimley-Horn
11720 AMERS PARK DRIVE, SUITE 600
ALPHARETTA, GA 30009
WWW.KH.COM

REV. DATE: ISSUED FOR: BY:

7		
6		
5		
4		
3		
2		
1	05/16/20	CONSTRUCTION WCE
0	05/12/20	PRELIMINARY WCE

LICENSER:

SHA PROJECT NUMBER: 013509094
DRAWN BY: CHECKED BY:
TDM WCE

WILLIAM C EDMONDSON
REGISTERED PROFESSIONAL ENGINEER
NO. 12423
STATE OF GEORGIA

**EQUIPMENT RACK
DETAIL - FRONT**

SHEET NUMBER: C4

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