

TELEPHONE/DATA OUTLET/BOX DETAILS

SCALE: N.T.S.

GROUNDING KEY NOTES:

(A1) (1)#3/0 GROUNDING ELECTRODE CONDUCTOR IN 1-1/4" SCHEDULE 80 PVC CONDUIT.

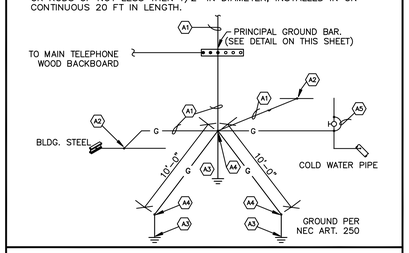
(A2) EXOTHERMIC CONNECTION. ELECTRICALLY CONTINUOUS STEEL REINFORCING BAR (20FT MIN. LENGTH) IN BOTTOM OF BUILDING FOUNDATION IN DIRECT CONTACT WITH EARTH.

(A3) 10 FT. LONG x 3/4" DIAMETER COPPER DRIVEN GROUND ELECTRODE. (TYPICAL)

(A4) EXOTHERMIC CONNECTION. (TYPICAL)

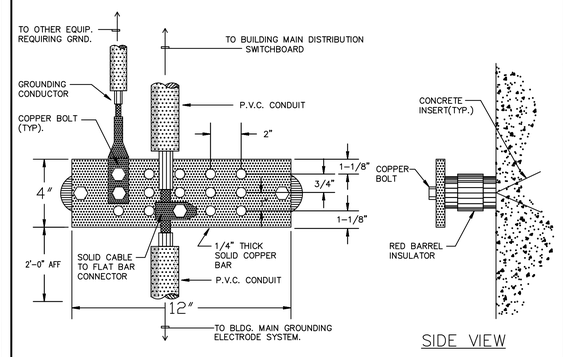
(A5) PROVIDE (1)#3/0 BONDING JUMPER TO INTERIOR WATER PIPING SYSTEM.

(A6) CONCRETE-ENCASED ELECTRODE (IF PRESENT): BAR OR ZINC GALVANIZED OR OTHER ELECTRICALLY CONDUCTIVE COATED STEEL REINFORCING BARS OR RODS OF NOT LESS THEN 1/2" IN DIAMETER, INSTALLED IN ON CONTINUOUS 20 FT IN LENGTH.



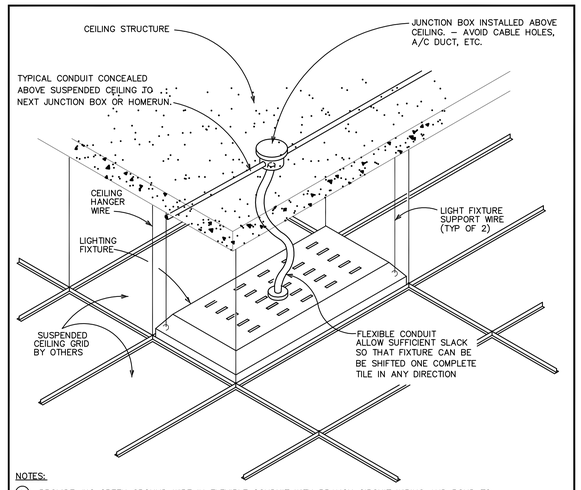
GROUNDING ELECTRODE SYSTEM

SCALE: N.T.S.



PRINCIPAL GROUND BAR DETAIL

SCALE: N.T.S.

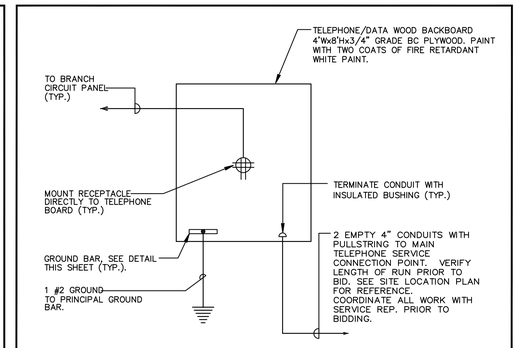


NOTES:

1. PROVIDE #12 GREEN GROUND WIRE IN FLEXIBLE CONDUIT WITH BRANCH CIRCUIT WIRING AND BOND TO OUTLET BOX AND FIXTURE HOUSING.
2. SECURELY FASTEN FIXTURE TO CEILING STRUCTURE ABOVE WITH TWO (2) FIXTURE SUPPORT WIRES PER FIXTURE.

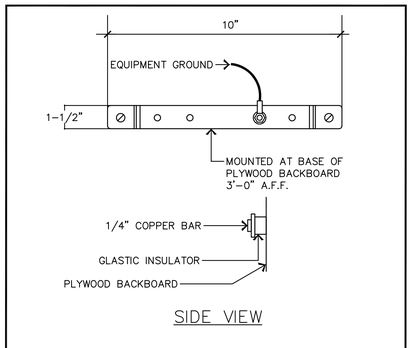
LIGHTING FIXTURE MOUNTING DETAIL

SCALE: N.T.S.



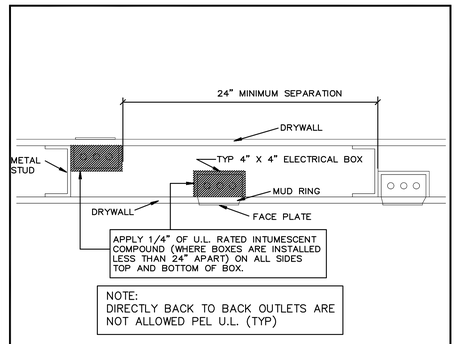
TELEPHONE/DATA WOOD BACKBOARD

SCALE: N.T.S.



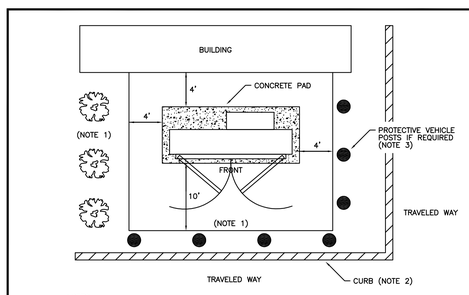
TELEPHONE/DATA GROUNDING BAR

SCALE: N.T.S.



BACK TO BACK BOX MOUNTING DETAIL

SCALE: N.T.S.

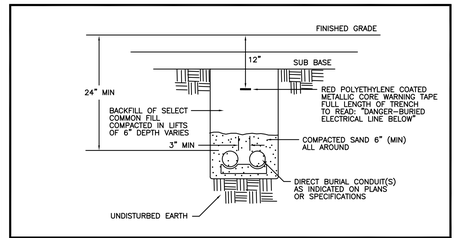


NOTES:

1. THE ABOVE SPECIFIED CLEAR AREA DISTANCES TO BUILDING, LANDSCAPING OR OTHER STRUCTURES SHALL BE MAINTAINED TO: INSPECT, PROVIDE ACCESS, PERFORM SWITCHING AND VENTILATE THE TRANSFORMER.
2. IF NO CURB EXISTS, OR TRANSFORMER IS LOCATED CLOSET THAN 10' TO THE TRAVELED WAY, PROTECTIVE VEHICLE POSTS SHALL BE INSTALLED ON EXPOSED SIDES AS SPECIFIED.
3. VEHICLE POSTS (BOLLARDS) SHALL BE 4" GALVANIZED STEEL PIPE MINIMUM, FILLED WITH CONCRETE AND EXTEND 42" ABOVE AND BELOW GRADE. LARGER DIAMETER POSTS MAY BE REQUIRED FOR SOME INSTALLATIONS.

UTILITY PAD MOUNTED TRANSFORMER DETAIL

NOT TO SCALE



DIRECT BURIAL DETAIL

NOT TO SCALE

RISE | FL architecture
ARCHITECT:
NYC OFFICE:
241 37TH STREET, SUITE 440
BROOKLYN, NEW YORK 11232
JEFF AKERMAN, RA
JEFF@RISEARCHITECTURE.COM
516.249.3746
NJ OFFICE:
36 AIRPORT RD, SUITE 400
LAKEWOOD, NJ 08701
SHIMON GREENBAUM, RA
SHIMON@RISEARCHITECTURE.COM
908.674.8717
FL OFFICE:
210 N UNIVERSITY DR, SUITE 210
CORAL SPRINGS, FL 33071
SHIMON GREENBAUM, RA
SHIMON@RISEARCHITECTURE.COM
908.674.8717
STRUCTURAL CONSULTANT:
MEP CONSULTANT:
DELTA G CONSULTING ENGINEERS, INC.
1800 Eller Drive, Suite 570
Fort Lauderdale, FL 33316
(954) 527-1112
CA#0000151
P.I.T. MGR: STEPHEN BENDER, P.E.
PROJECT #: 230515-G
CIVIL CONSULTANT:
DESIGNER CONSULTANT:

REVISIONS		
NO.	DATE	DESCRIPTION

CLIENT: CLIENT NAME

PROJECT NAME / LOCATION: PROJECT NAME, PROJECT ADDRESS

DRAWING TITLE: ELECTRICAL DETAILS

EXAMINER'S SIGNATURE:

PROFESSIONAL SEAL:

Digitally signed by George SanJuan
Date: 2023.12.27 11:10:23 -05'00'

GEORGE SANJUAN, P.E.,
FLORIDA LICENSE #46100

SCALE: AS SHOWN
DATE:
PROJECT NO.

E501

DRAWING NO.

BARCODE

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS. DO NOT SCALE DRAWING. THE DRAWING SHALL NOT BE USED UNTIL SIGNED BY CONSULTANTS.