

777 Old Saw Mill River Road
Tarrytown, NY 10591-6707
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Building #17
Campus Expansion Child
Day-care Center

899 Old Saw Mill River Road
Mount Pleasant, NY 10591

Project No. B17-DAYCARE

Architect

Gensler

1700 Broadway, Suite 400
New York, NY 10019
(212) 492-1400 Phone
(212) 492-1472 Fax

Structural Engineer

Thornton Tomasetti
120 Broadway, 15th Floor
New York, NY 10271
(917) 661-7800 Phone
(917) 661-7801 Fax

MEP / IT / Security Engineer

Cosentini Associates
498 Seventh Avenue
New York, NY 10054
(212) 615-3600 Phone
(212) 615-3700 Fax

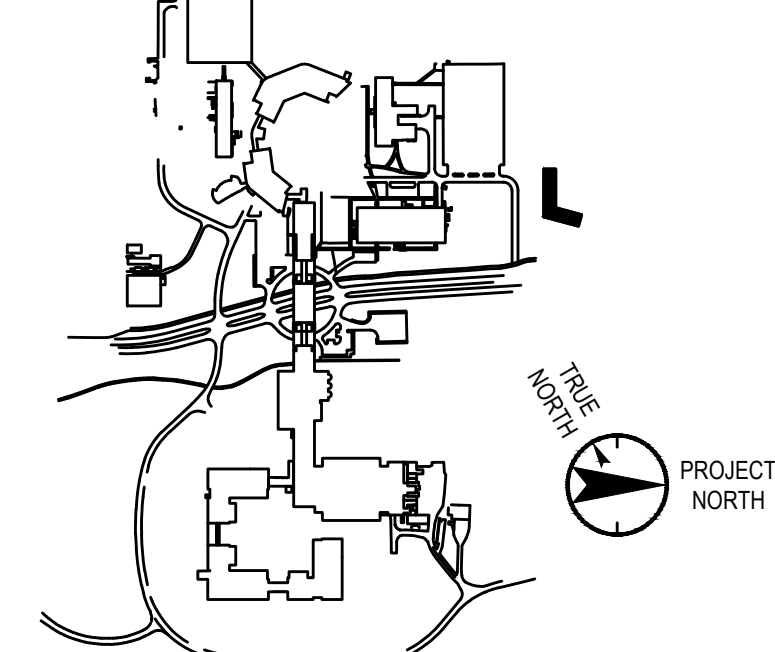
Civil Engineer

JMC
120 Bedford Road
Armonk, NY 10504
(914) 273-5225 Phone
(914) 273-2102 Fax

Landscape Architect

Langan
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001
(212) 479-5400 Phone
(212) 479-5444 Fax

Key Plan



No.	Date	Description
0	05/20/2022	ISSUED FOR PERMIT
1	06/20/2022	100% CONSTRUCTION DOCUMENTS
2	07/01/2022	100% CONSTRUCTION DOCUMENTS-1

Plot Date: 07/01/2022

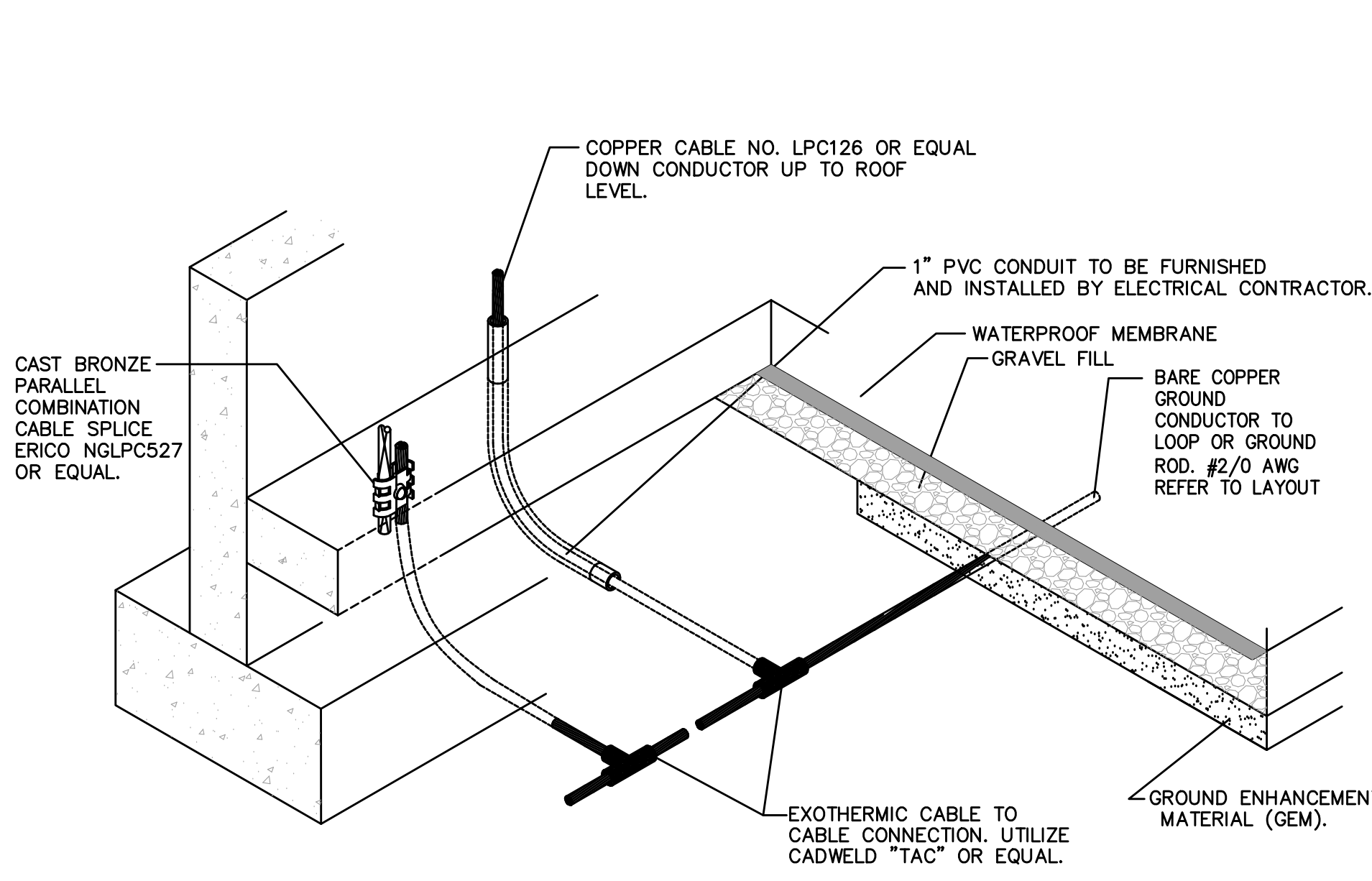
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Professional Seal and Signature

Vendor Name: COSENTINI
Vendor Project No.: 210104
Discipline: Electrical Drawn By: AI
ELECTRICAL DETAIL
SHEET 1

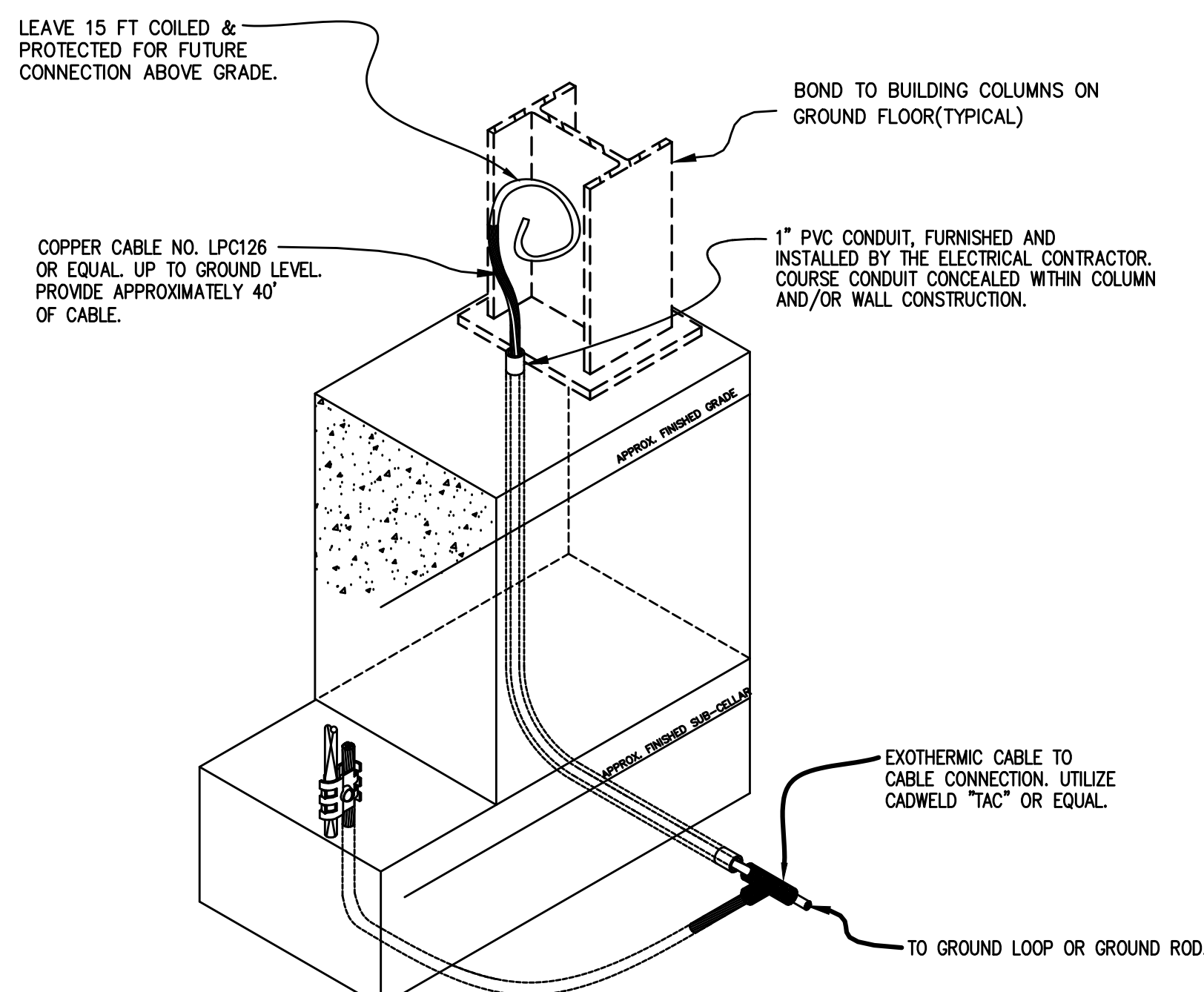
Scale: NTS Floor:

E-500



TYPICAL DOWNLOAD TO GROUND LOOP OR GROUND ROD

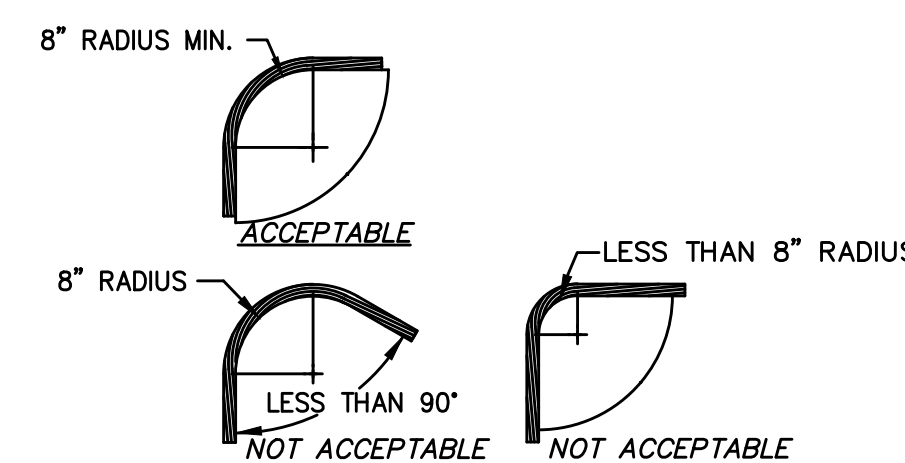
NOT TO SCALE
DETAIL IV



TYPICAL BOND TO BUILDING STEEL

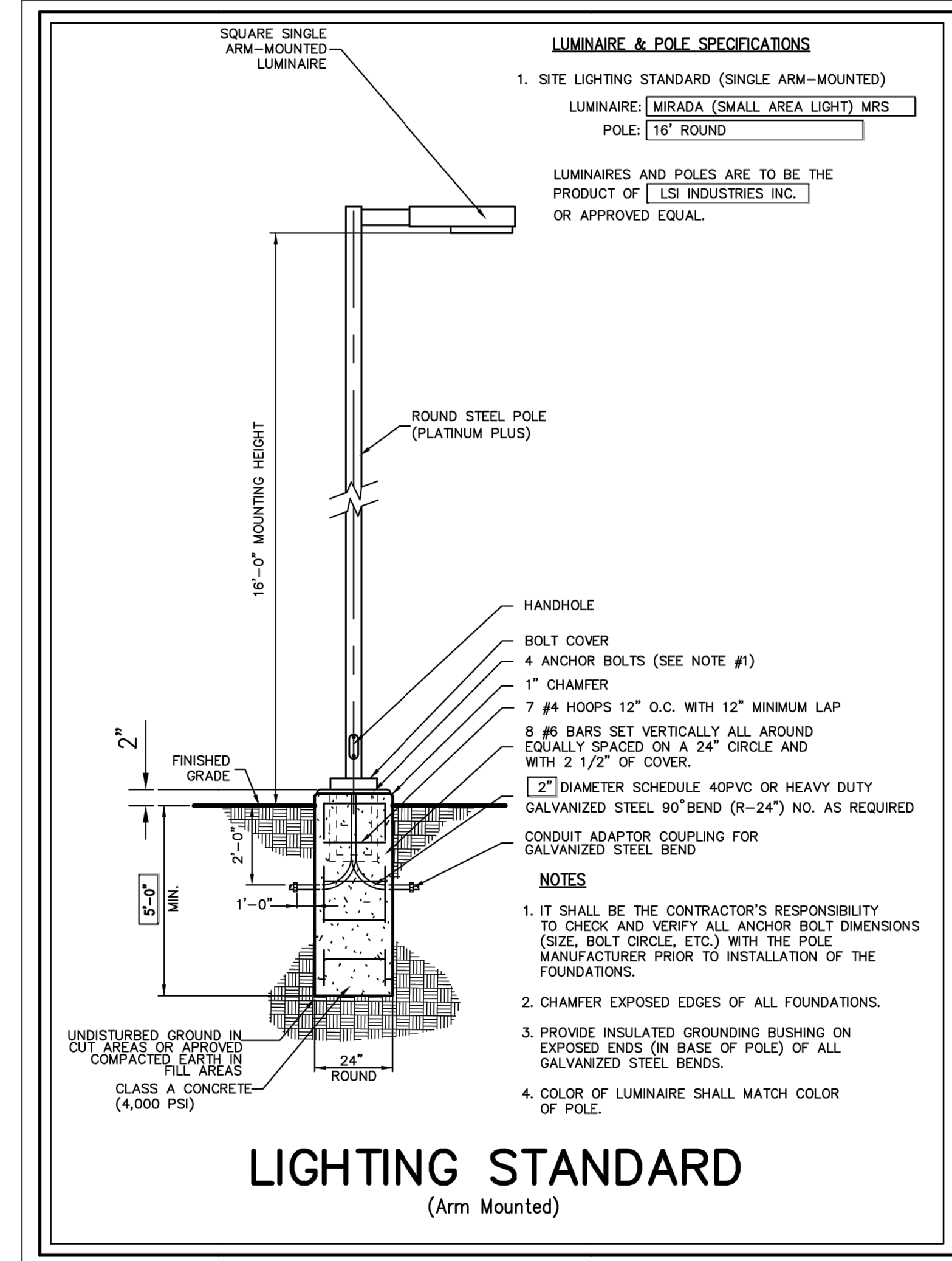
NOT TO SCALE
DETAIL V

NOTE: COORDINATE DOWN CONDUCTORS CONNECTIONS WITH FOUNDATION CONTRACTOR



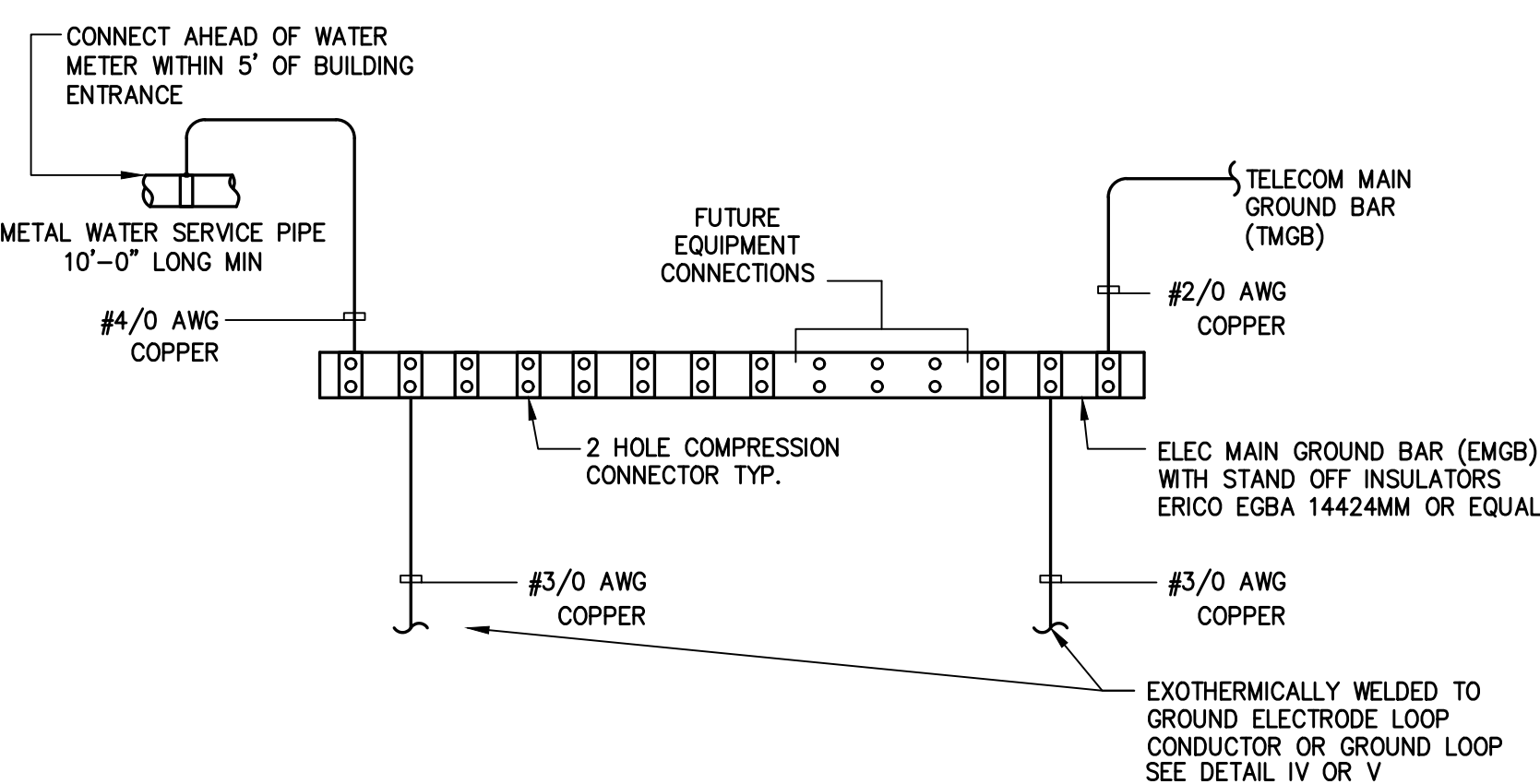
TYPICAL CABLE
BEND REQUIREMENTS

NOT TO SCALE
DETAIL VI



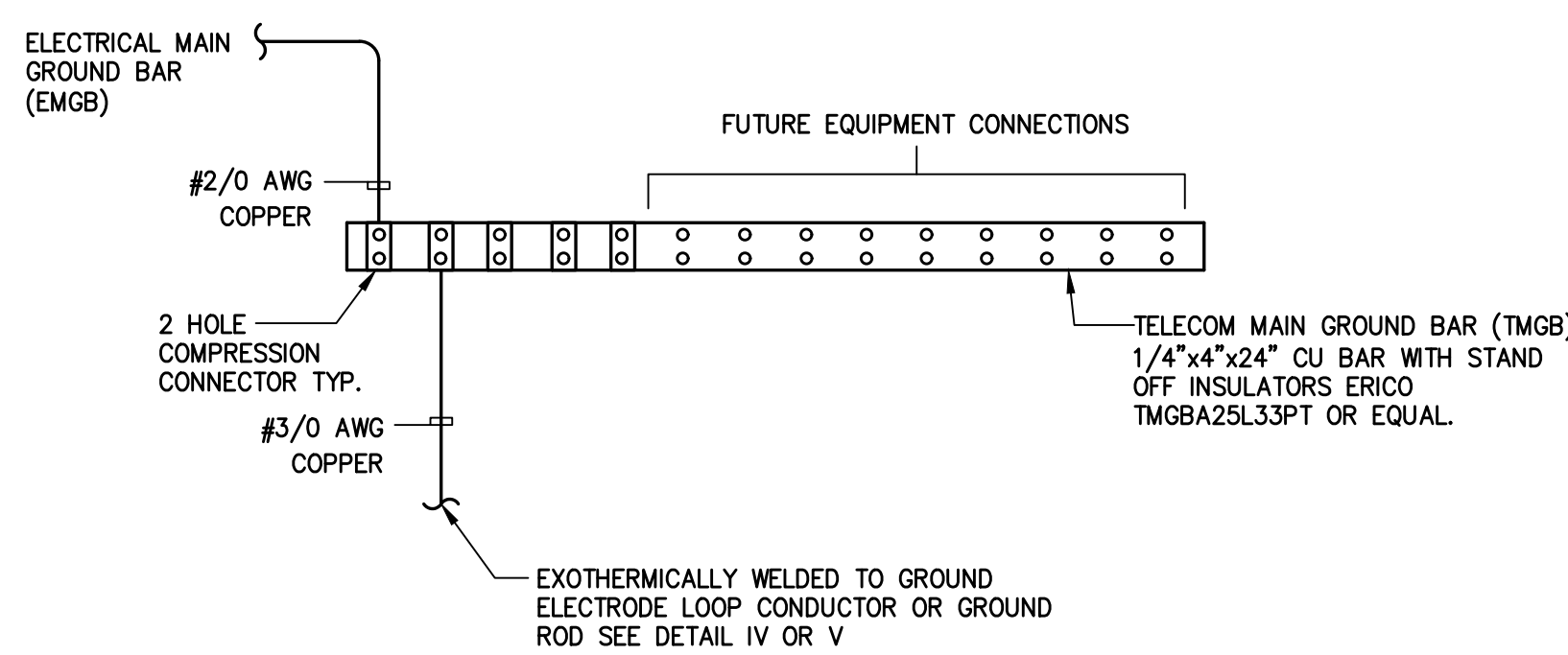
LIGHTING STANDARD
(Arm Mounted)

DETAIL IX



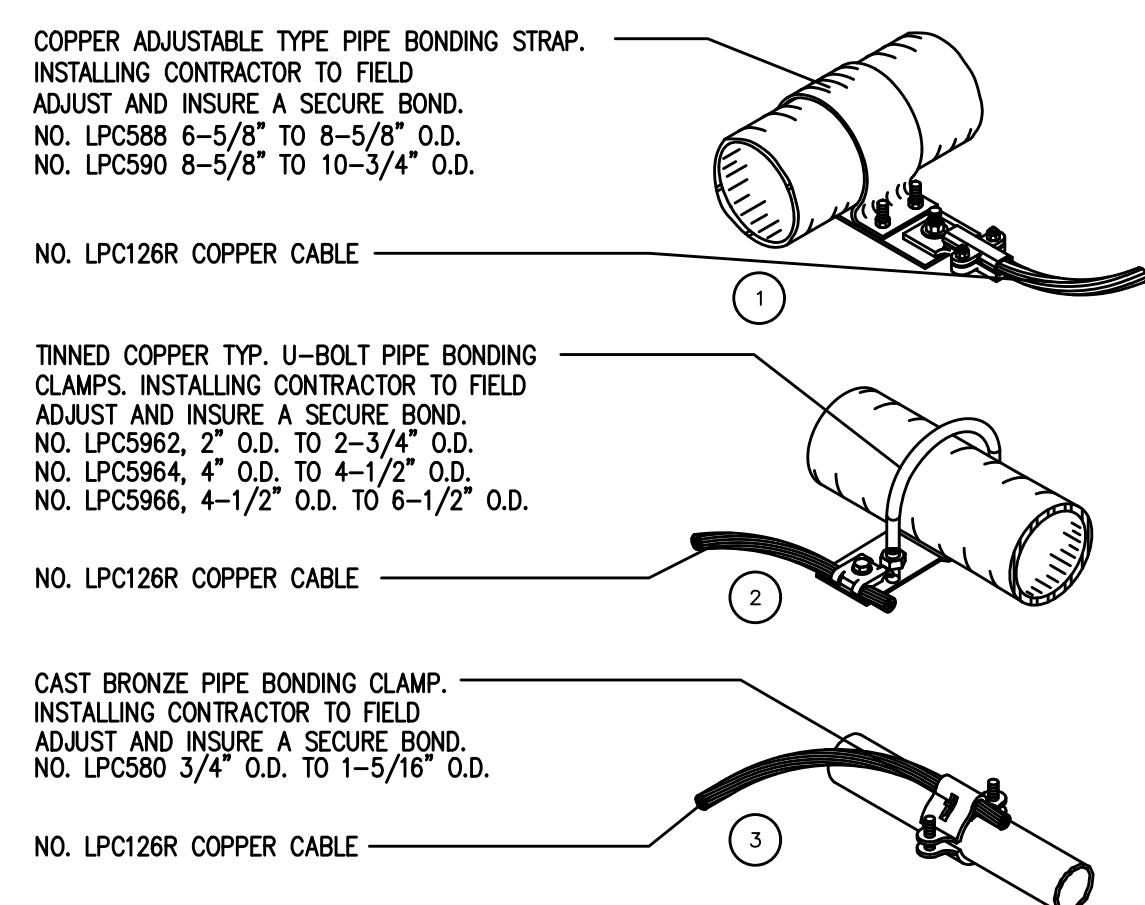
MAIN ELECTRICAL GROUNDING DIAGRAM

NO SCALE
DETAIL IXA



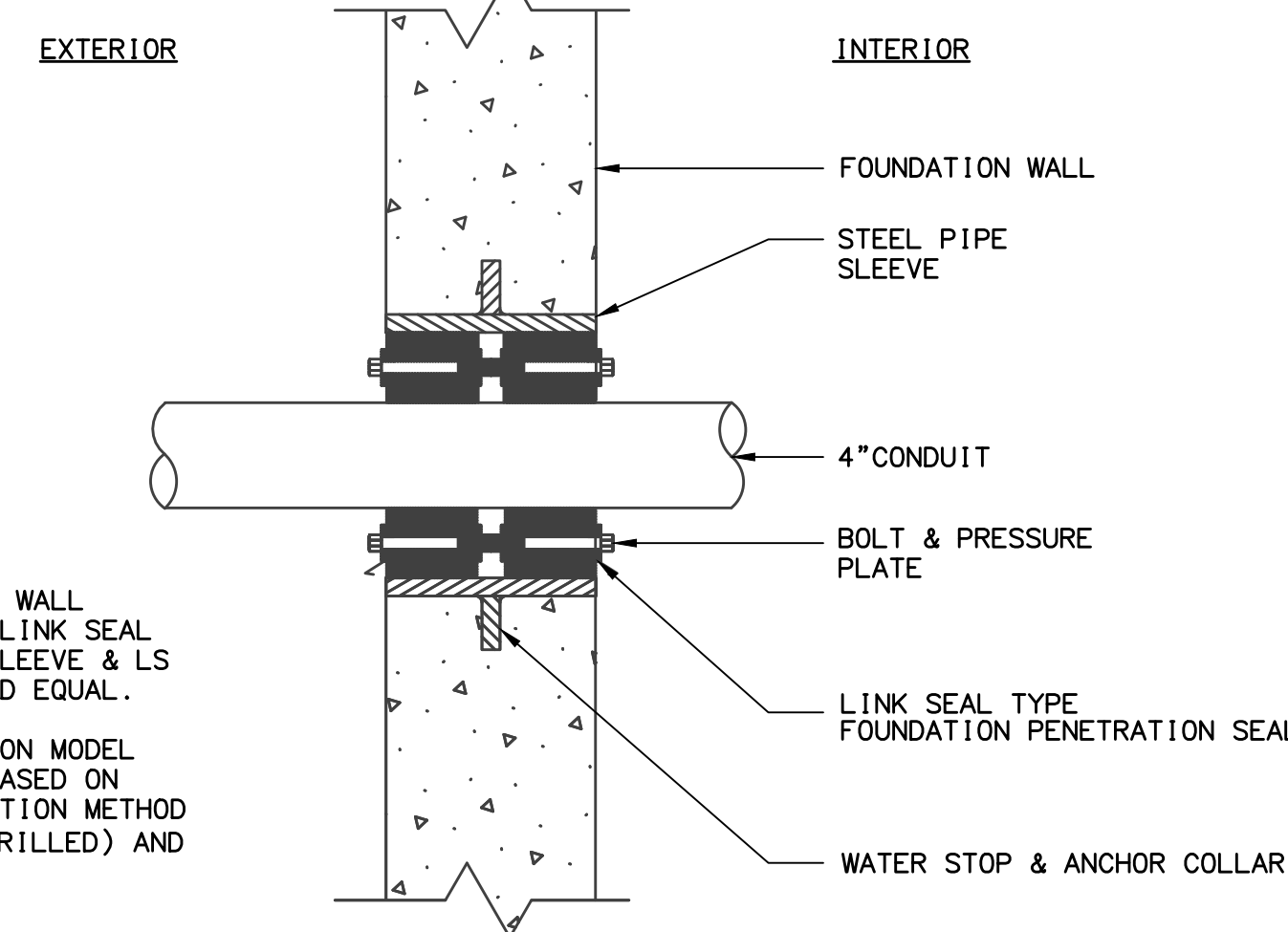
MAIN TELECOM GROUNDING DIAGRAM

NO SCALE
DETAIL IXB



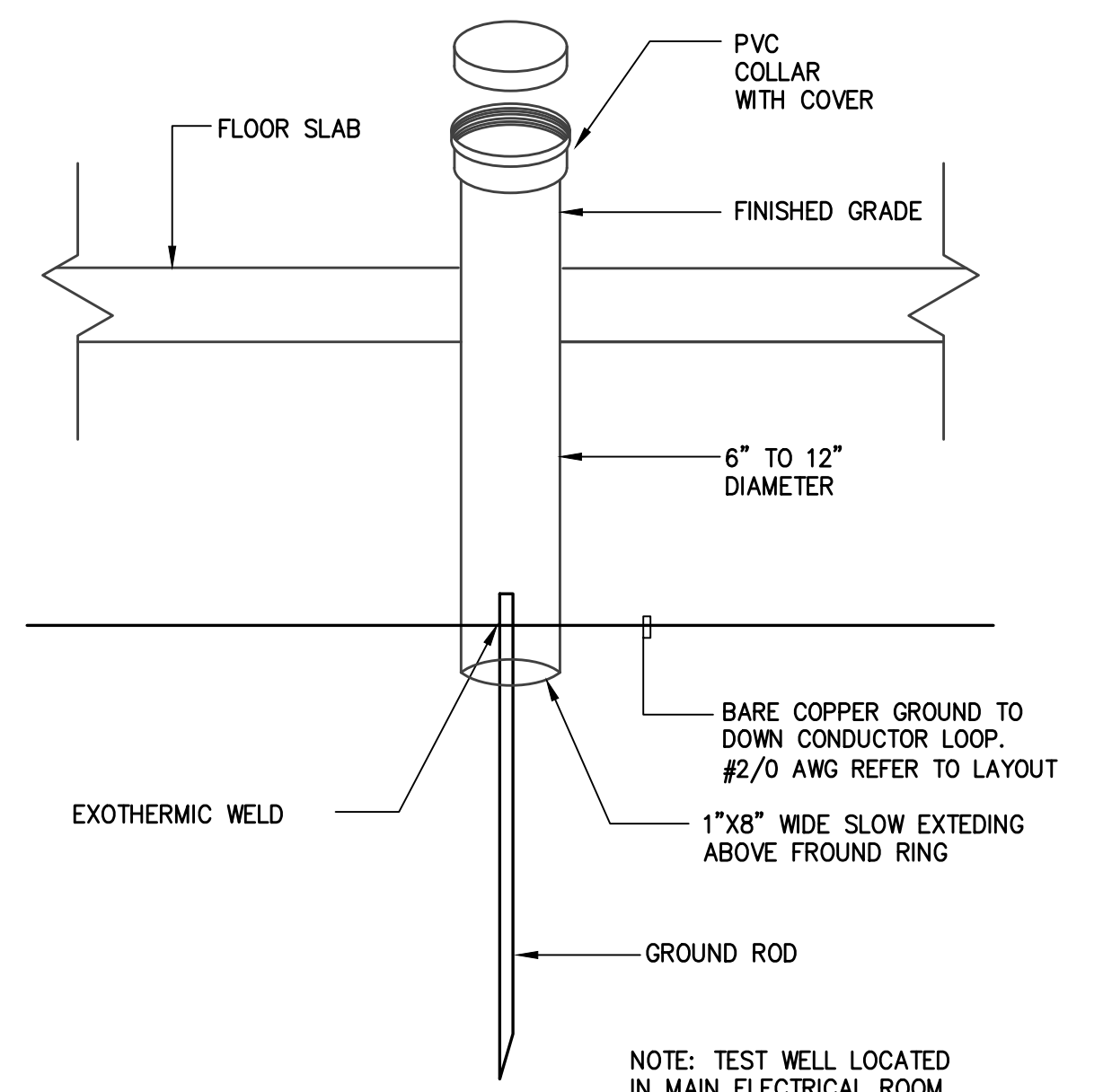
TYPICAL PIPE
BOND CLAMP

NOT TO SCALE
DETAIL VI



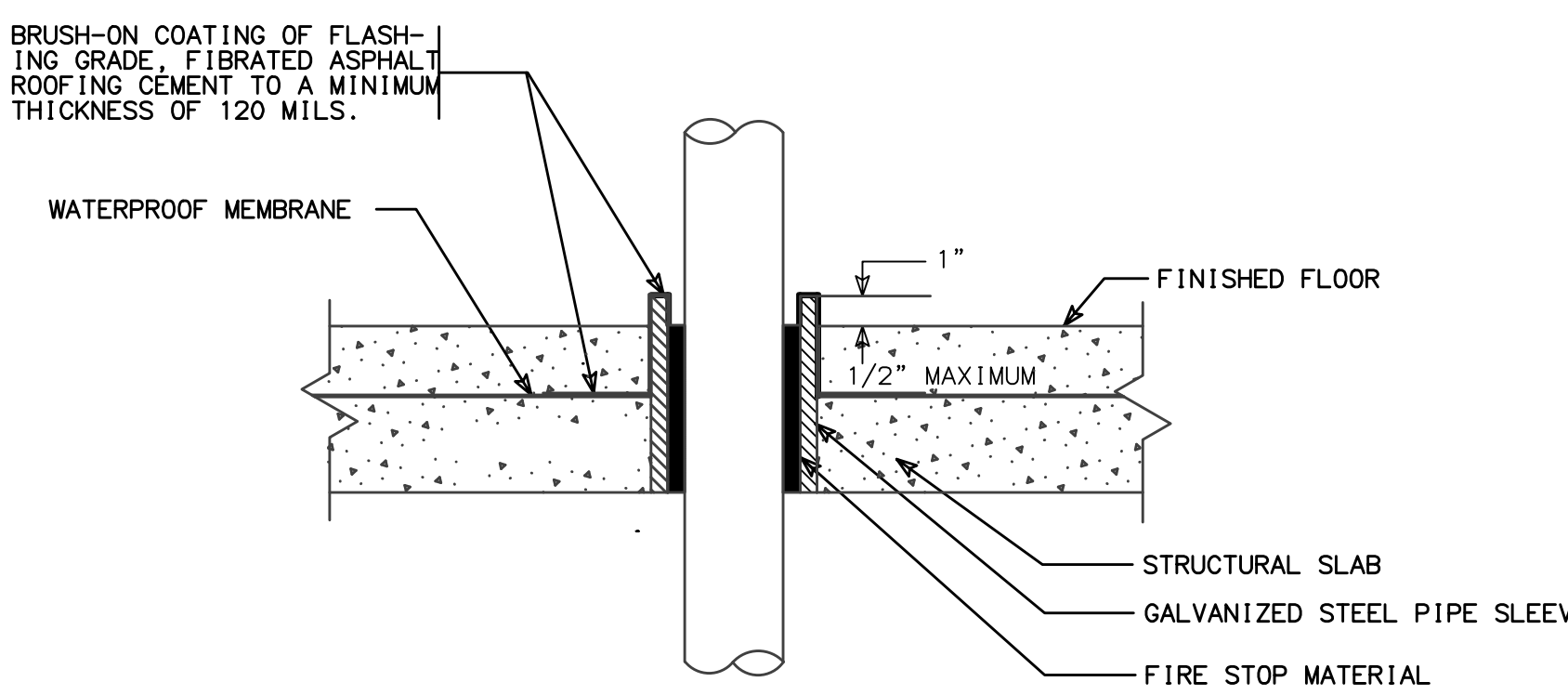
TYPICAL CONDUIT PENETRATION
THRU FOUNDATION WALL

NOT TO SCALE
DETAIL VII



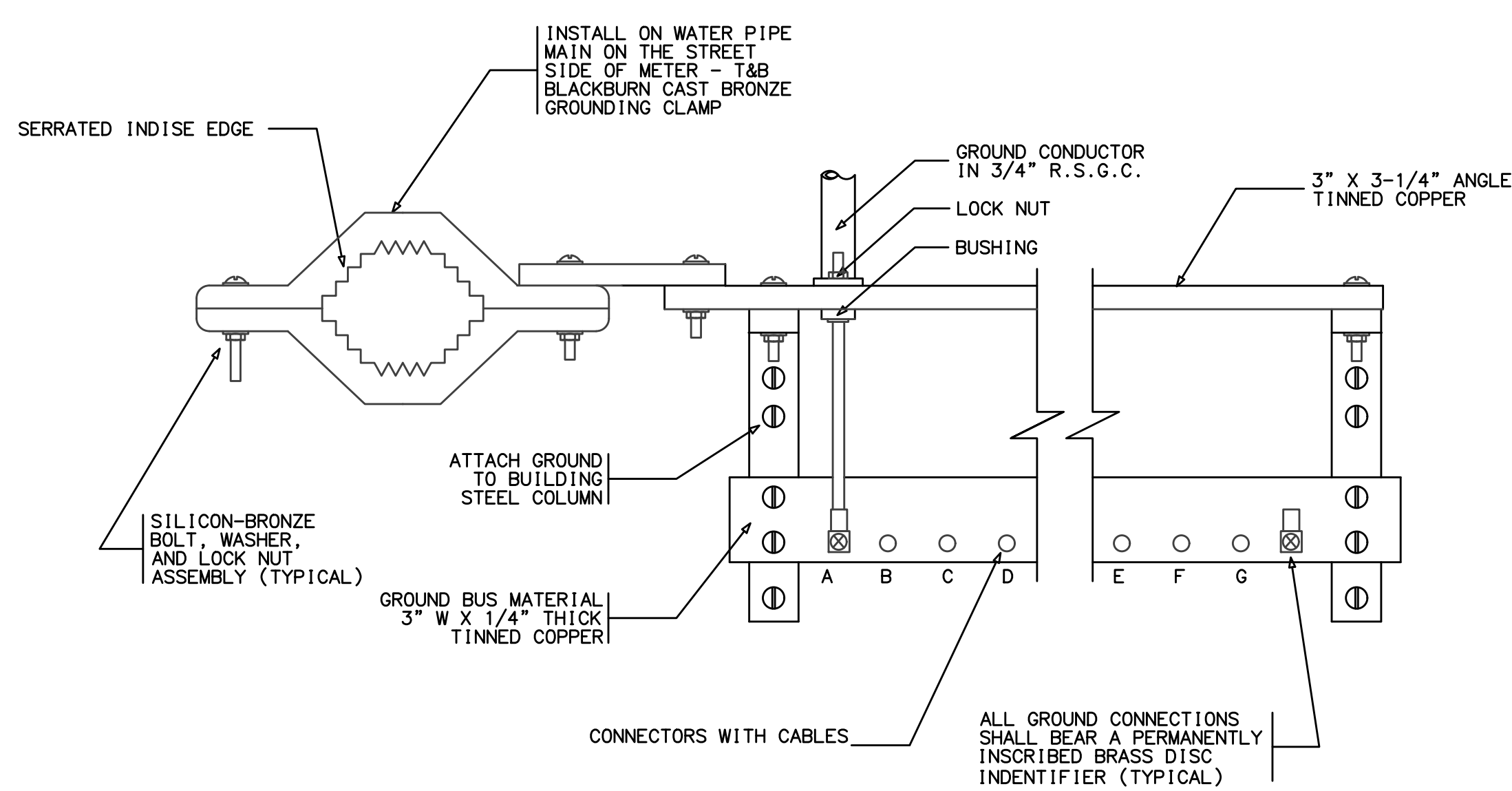
TYPICAL GROUNDING ROD WITH TEST WELL

NOT TO SCALE
DETAIL XXXIV



CONDUIT PENETRATION
WATERPROOF SLAB

NOT TO SCALE



GROUNDING
WATER PIPE GROUND CONNECTIONS AND GROUND BUS

NOT TO SCALE

GROUNDING
SYSTEM WITH GROUND BUS AND NEUTRAL BUS

NOT TO SCALE

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CONSERVATION CODE OF NYS

This plan is approved only for work indicated on the application specification sheet. All other matters shown are not to be relied upon, or to be considered as either being approved or in accordance with applicable codes.

Alterations or additions to this engineering document by an unlicensed person is a violation of Chapter 16, Title VIII, Article 145 § 7209.2 of the New York State Education Law.