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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

Genler

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

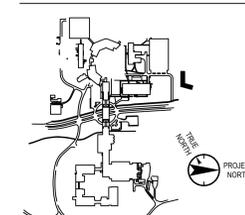
120 Bedford Road
Armonk, NY 10504
(914) 273-5225 Phone
(914) 273-2102 Fax

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	06/27/2022	100% CONSTRUCTION DOCUMENTS
2	07/01/2022	100% CONSTRUCTION DOCUMENTS-1

Plot Date: 07/01/2022

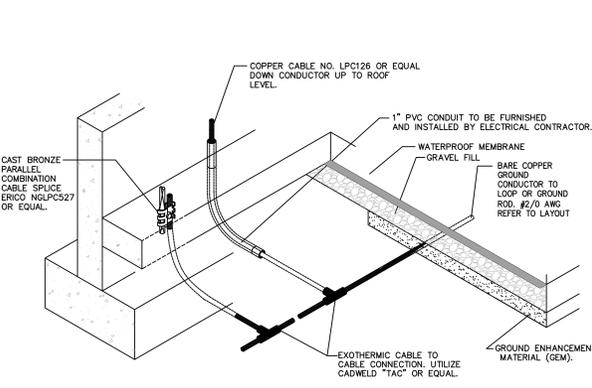
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Professional Seal and Signature

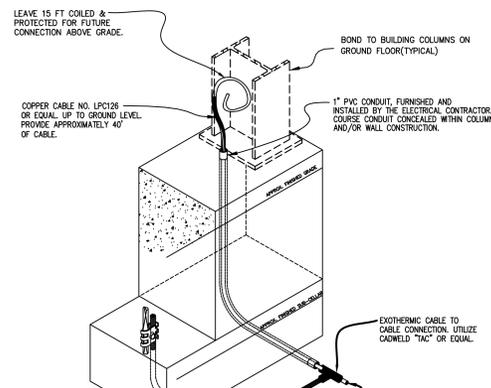
Vendor Name: COSENTINI
Vendor Project No.: 210104
Discipline: Electrical
Discipline: Electrical
Drawn By: AI
ELECTRICAL DETAIL
SHEET 1

Scale: NTS
Floor:

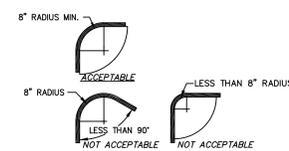
E-500



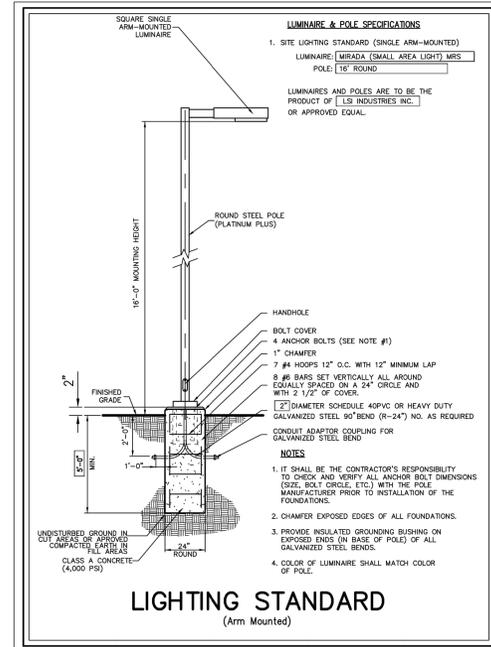
TYPICAL DOWNLOAD TO GROUND LOOP OR GROUND ROD
NOT TO SCALE
DETAIL IV



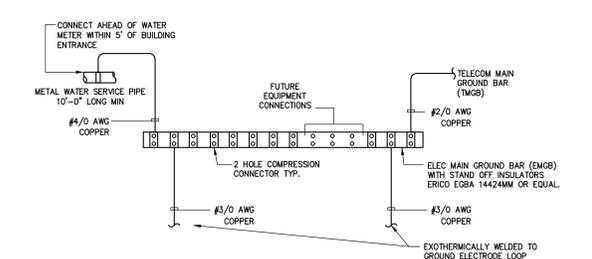
TYPICAL BOND TO BUILDING STEEL
NOT TO SCALE
DETAIL V



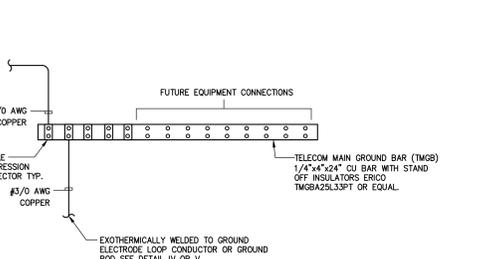
TYPICAL CABLE BEND REQUIREMENTS
NOT TO SCALE
DETAIL VI



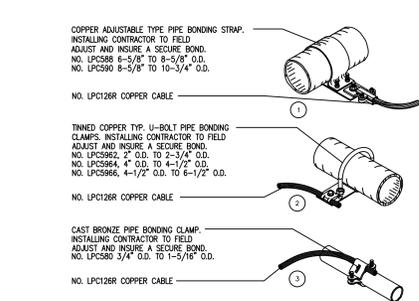
LIGHTING STANDARD (Arm Mounted)
DETAIL IX



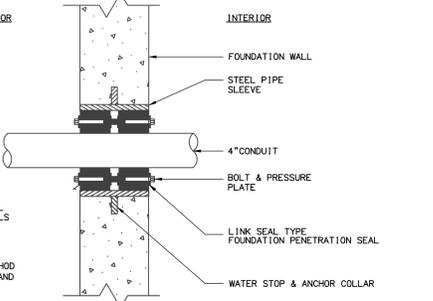
MAIN ELECTRICAL GROUNDING DIAGRAM
NO SCALE
DETAIL X



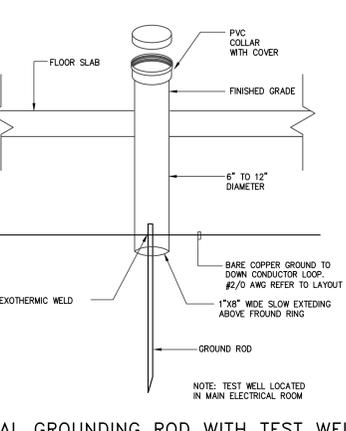
MAIN TELECOM GROUNDING DIAGRAM
NO SCALE
DETAIL XX



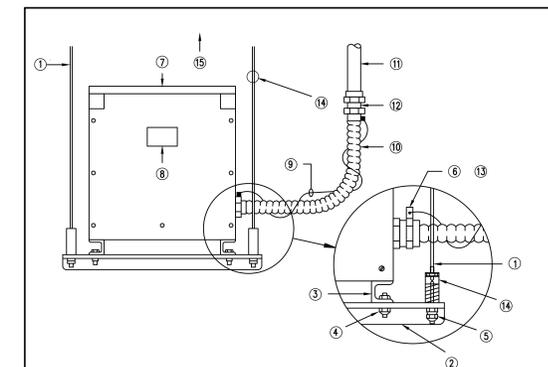
TYPICAL PIPE BOND CLAMP
NOT TO SCALE
DETAIL VI



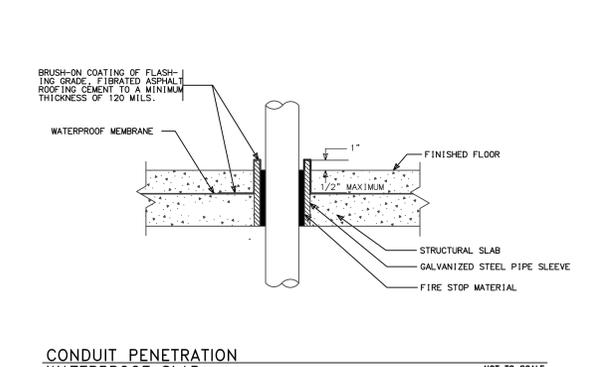
TYPICAL CONDUIT PENETRATION THRU FOUNDATION WALL
NOT TO SCALE
DETAIL VII



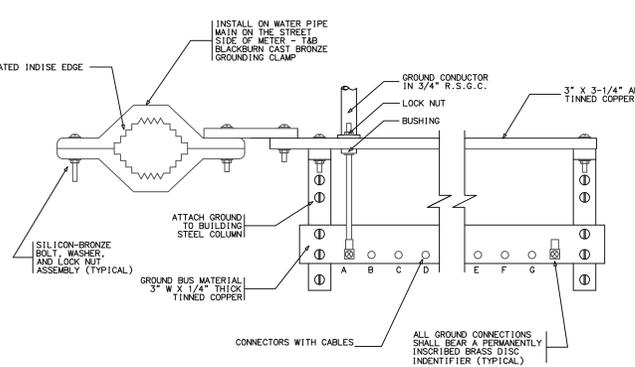
TYPICAL GROUNDING ROD WITH TEST WELL
NOT TO SCALE
DETAIL XXXX



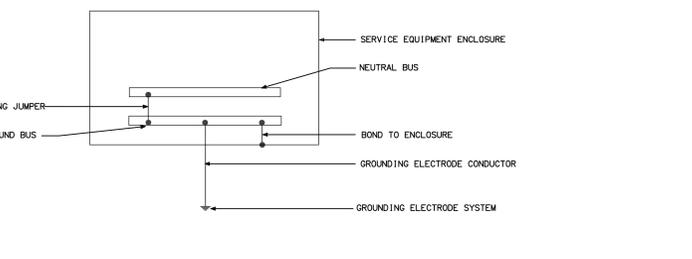
TRAPEZE MOUNTED TRANSFORMER DETAIL
NOT TO SCALE
DETAIL VIII



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.