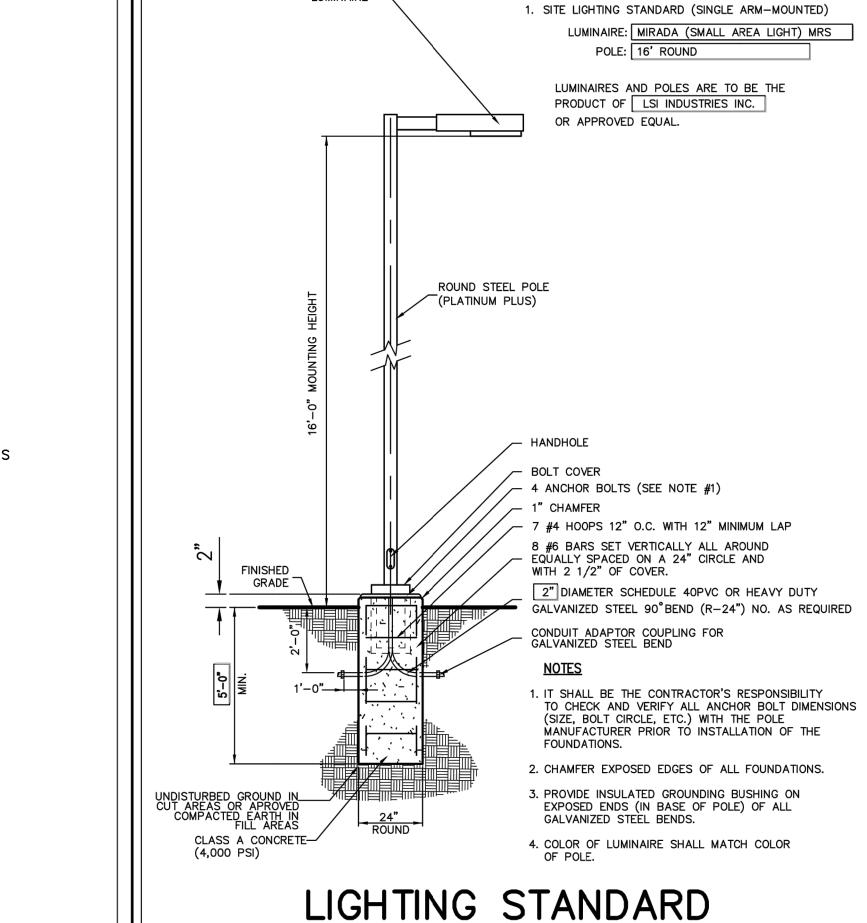


NOT TO SCALE



(Arm Mounted)

DETAIL /IX

SQUARE SINGLE ARM-MOUNTED-

LUMINAIRE & POLE SPECIFICATIONS

1. ALL CONDUIT AND WIRING SHALL BE INSTALLED UNDERGROUND.

FOR REFERENCE ONLY,

9 EXTERNAL COPPER BONDING WIRE

LIQUID TIGHT FLEXIBLE METAL CONDUIT 18"MIN.

VIBRATION ELIMINATOR 4 REQUIRED

REQUIRED TO CONNECT TO STRUCTURE.

(15) PROVIDE MISCELLANEOUS STEEL AS

COMBINATION COUPLING

(3) GROUND CONNECTOR

11 RIGID CONDUIT

TRAPEZE MOUNTED TRANSFORMER DETAIL

NOT TO SCALE

DETAIL VIII

Gensler FOR CIRCUITING REQUIREMENTS REFER 1700 Broadway, Suite 400 TO DRAWINGS E-051. New York, NY 10019 (212) 492-1400 Phone

REFER TO CIVIL **ENGINEERS DRAWING** Structural Engineer C-600 FOR ADDITIONAL INFORMATION Thornton Tomasetti 120 Broadway, 15th Floor

New York, NY 10271 (917) 661-7800 Phone (917) 661-7801 Fax

(212) 492-1472 Fax

REGENERON

REAL ESTATE &

FACILITIES MANAGEMENT

Campus Expansion Child

899 Old Saw Mill River Road

Mount Pleasant, NY 10591

777 Old Saw Mill River Road

Tarrytown, NY 10591-6707

T: 914.847.7400

F: 914.847.7991

Building #17

www.regeneron.com

Day-care Center

Project No. B17-DAYCARE

MEP / IT / Security Engineer

Cosentini Associates

498 Seventh Avenue New York, NY 10018 (212) 615-3600 Phone (212) 615-3700 Fax

Civil Engineer

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

Landscape Architect

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

07.01.2022 100% CONSTRUCTION DOCUMENTS-1

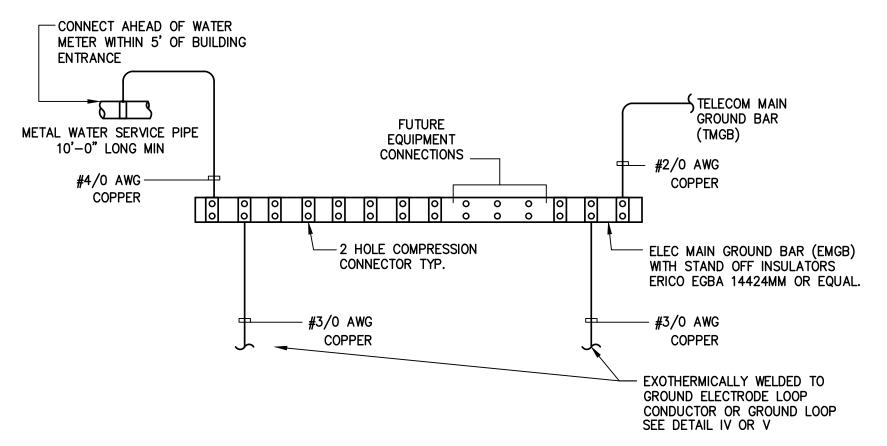
Plot Date: 07.01.2022 OF THE DRAWINGS OR WRITTEN MATERIALS APPEARING WITHIN, BE INCORPORATED INTO ANOTHER WORK FOR ANY REASON WITHOUT THE WRITTEN CONSENT OF REGENERON PHARMACEUTICALS. THIS SHEET MUST BE RETURNED UPON THE REQUEST OF REGENERON PHARMACEUTICALS. IF REGENERON MAKES OR AUTHORIZES REUSE OF AN SUCH DOCUMENTS OR INFORMATION PRODUCED BY DESIGN PROFESSIONAL OUTSIDE OF THE PROJECT WITHOUT THE EXPRESS WRITTEN CONSENT OF DESIGN PROFESSIONAL

Professional Seal and Signature

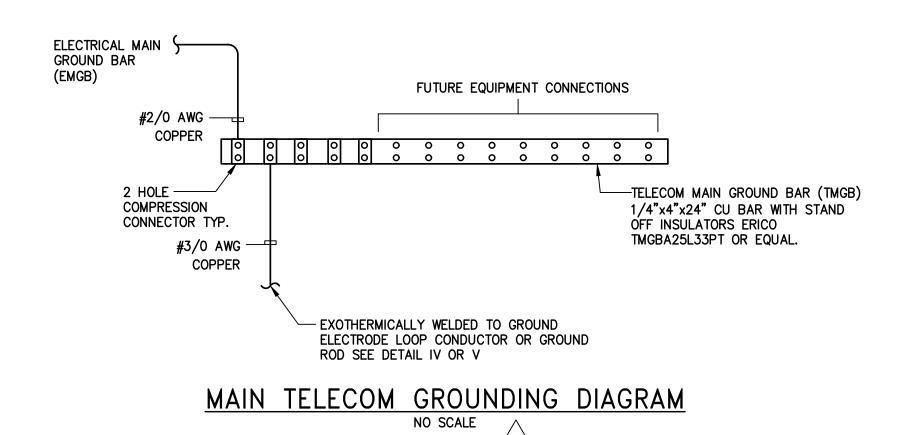
Discipline: Electrical Drawn By: Al ELECTRICAL DETAIL SHEET 1

Scale: NTS Floor: E-500

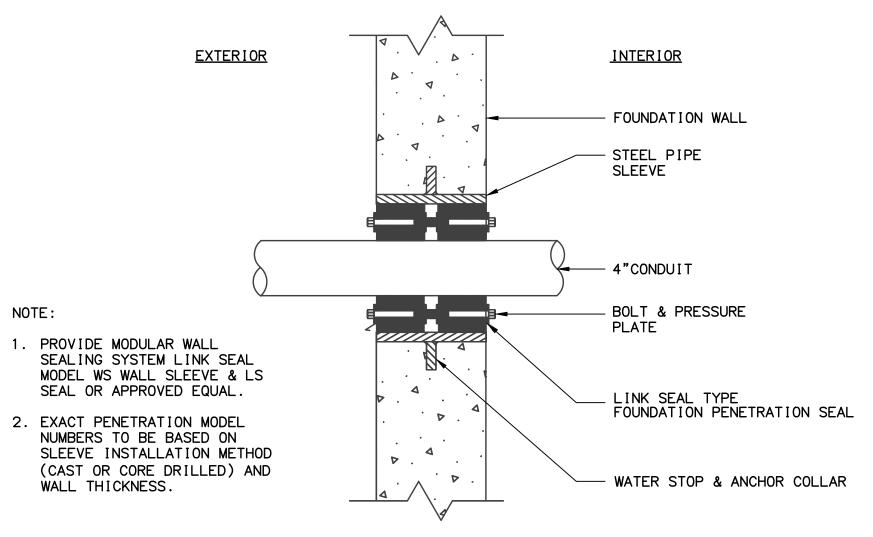
8" RADIUS MIN. -ACCEPTABLE __LESS THAN 8" RADIUS 8" RADIUS — LESS THAN 90 NOT ACCEPTABLE TO GROUND LOOP OR GROUND ROD. TYPICAL CABLE TYPICAL BOND TO BUILDING STEEL BEND REQUIREMENTS NOT TO SCALE / DETAIL DETAIL VII NOTE: COORDINATE DOWN CONDUCTORS CONNECTIONS WITH FOUNDATION CONTRACTOR



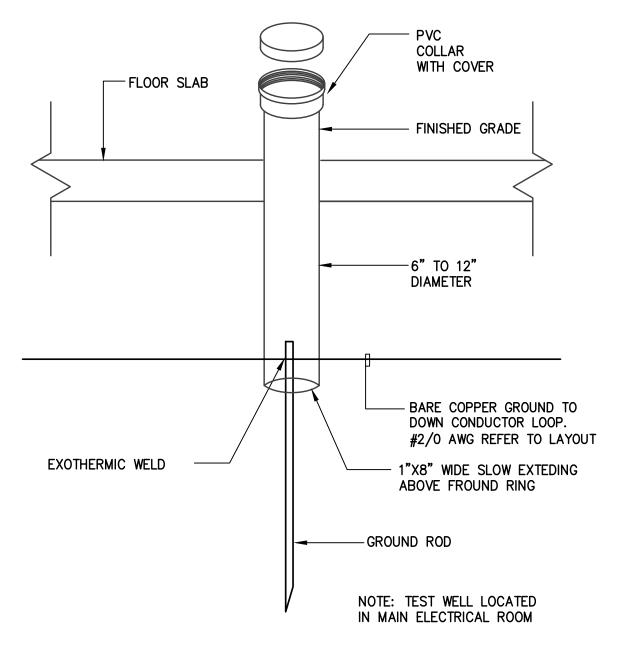
MAIN ELECTRICAL GROUNDING DIAGRAM NO SCALE DETAIL XIX



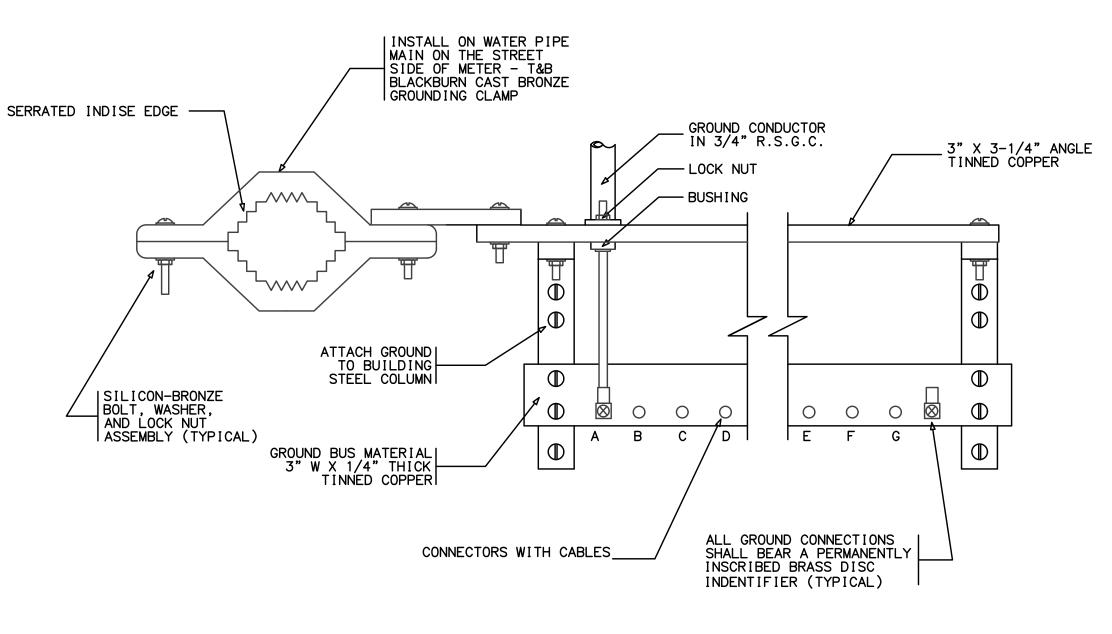
DETAIL /xx



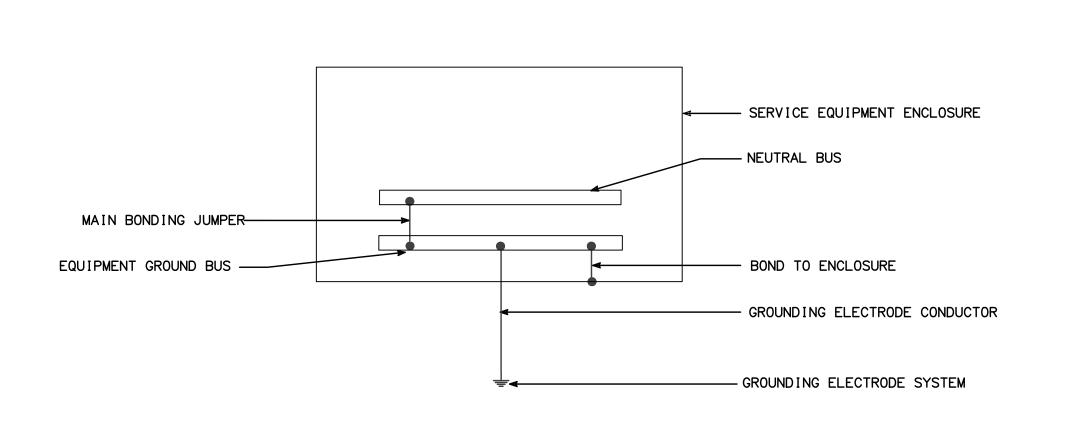
TYPICAL CONDUIT PENETRATION THRU FOUNDATION WALL



TYPICAL GROUNDING ROD WITH TEST WELL NOT TO SCALE DETAIL XXXIV



GROUNDING
WATER PIPE GROUND CONNECTIONS AND GROUND BUS



NOTES:

1/2"D. THREADED STEEL ROD

SUPPORT FROM STRUCTURE ABV.

ANGLE IRON SUPPORT 3"X 3" 2 REQUIRED, LENGTH TO SUIT.

TRANSFORMER BASE CHANNEL

5 1/2"D. NUT, LOCKNUT & LOCKWASHER

SECONDARY CONNECTION DETAIL,

NAMEPLATE - CONNECTION DIAGRAM

4) 1/2"D. NUT, BOLT & LOCKWASHER

PRIMARY - SIMILAR.

7) TRANSFORMER - MOUNT BOTTOM

TO FACE CLOSET ENTRANCE

4 REQUIRED.

GROUNDING
SYSTEM WITH GROUND BUS AND NEUTRAL BUS

This plan is approved only for work indicated on the TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE not to be relied upon, or to be considered as either being 2020 ENERGY CONSERVATION CODE OF NYS

application specification sheet. All other matters shown are approved or in accordance with applicable codes.

Alterations or additions to this engineering document by an unlicensed person is a violation of Chapter 19 Title VIII, Article 145 § 7209.2 of the New York State Education Law.

NOT TO SCALE

CAST BRONZE — PARALLEL COMBINATION
CABLE SPLICE
ERICO NGLPC527
OR EQUAL. TYPICAL DOWNLEAD TO GROUND LOOP OR GROUND ROD DETAIL

COPPER ADJUSTABLE TYPE PIPE BONDING STRAP.
INSTALLING CONTRACTOR TO FIELD ADJUST AND INSURE A SECURE BOND. NO. LPC588 6-5/8" TO 8-5/8" O.D. NO. LPC590 8-5/8" TO 10-3/4" O.D. NO. LPC126R COPPER CABLE -TINNED COPPER TYP. U-BOLT PIPE BONDING CLAMPS. INSTALLING CONTRACTOR TO FIELD ADJUST AND INSURE A SECURE BOND.

NO. LPC5962, 2" O.D. TO 2-3/4" O.D.

NO. LPC5964, 4" O.D. TO 4-1/2" O.D.

NO. LPC5966, 4-1/2" O.D. TO 6-1/2" O.D. CAST BRONZE PIPE BONDING CLAMP. INSTALLING CONTRACTOR TO FIELD ADJUST AND INSURE A SECURE BOND. NO. LPC580 3/4" O.D. TO 1-5/16" O.E. NO. LPC126R COPPER CABLE — TYPICAL PIPE **BOND CLAMP** NOT TO SCALE /

BRUSH-ON COATING OF FLASH-ING GRADE, FIBRATED ASPHALT ROOFING CEMENT TO A MINIMUM THICKNESS OF 120 MILS. WATERPROOF MEMBRANE FINISHED FLOOR — STRUCTURAL SLAB — GALVANIZED STEEL PIPE SLEEVE - FIRE STOP MATERIAL CONDUIT PENETRATION WATERPROOF SLAB

NOT TO SCALE

NOT TO SCALE

REGENERON ASSUMES FULL RESPONSIBILITY FOR ANY AND ALL RISKS INVOLVED IN SUCH