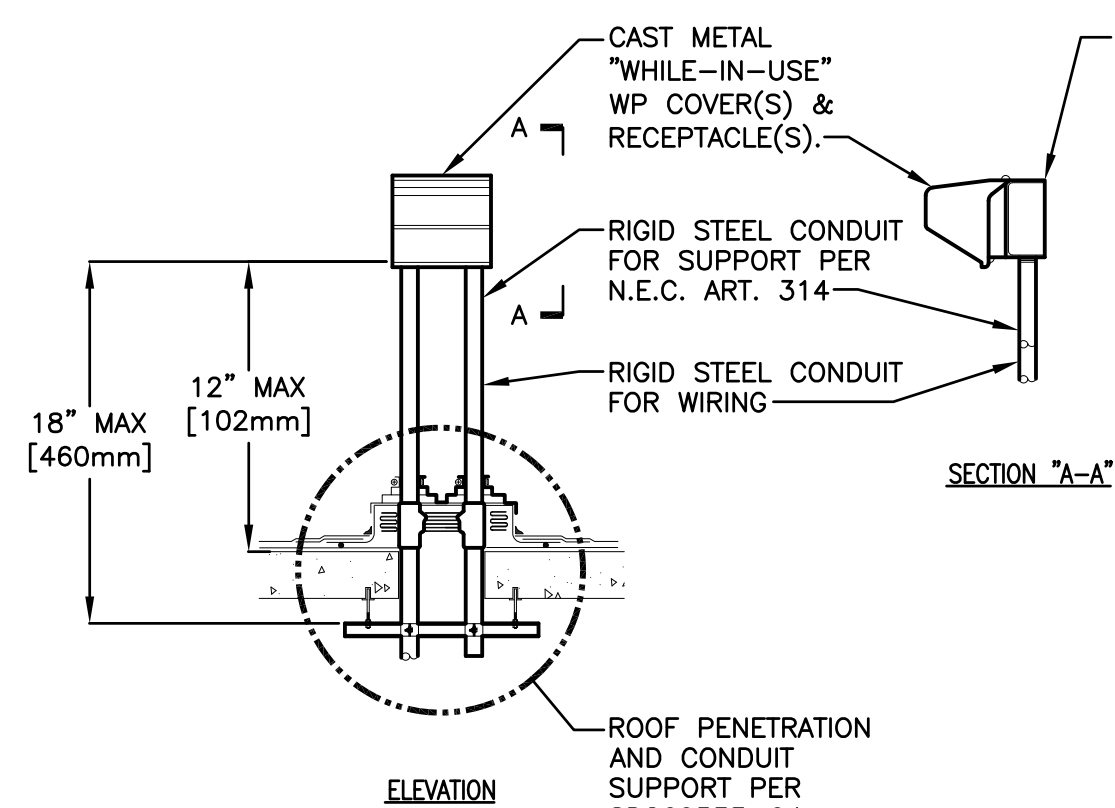


- GENERAL NOTES:**
1. ALL HARDWARE SHOWN SHALL BE STAINLESS STEEL.
  2. PROVIDE 1 MOUNTING POINT PER 12" OF BAR LENGTH.
  3. HOLES MAY BE ADDED IF REQUIRED.

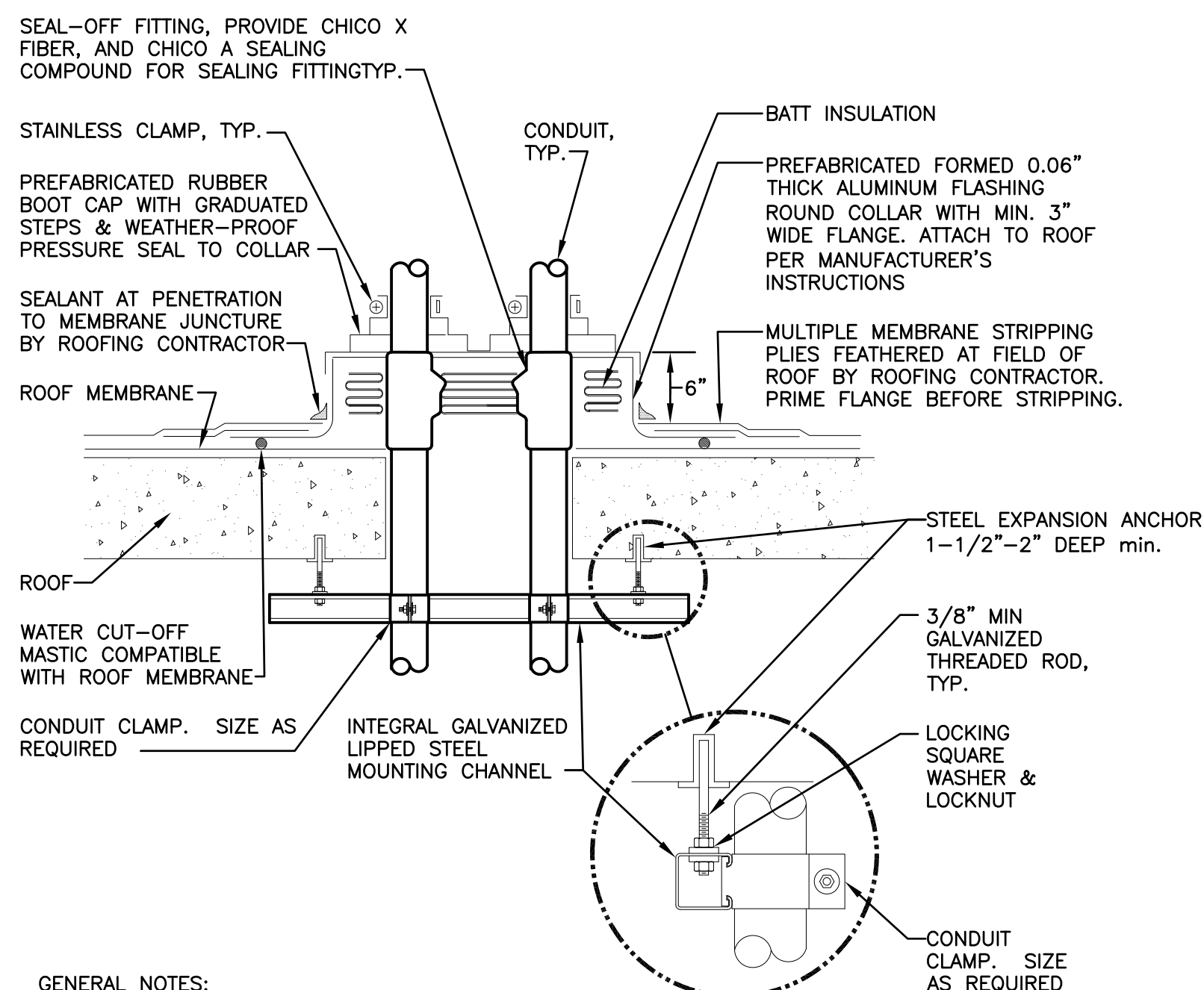
### GROUNDING BAR DETAIL

NO SCALE



### RECEPTACLE ROOF MOUNTING DETAIL

NO SCALE

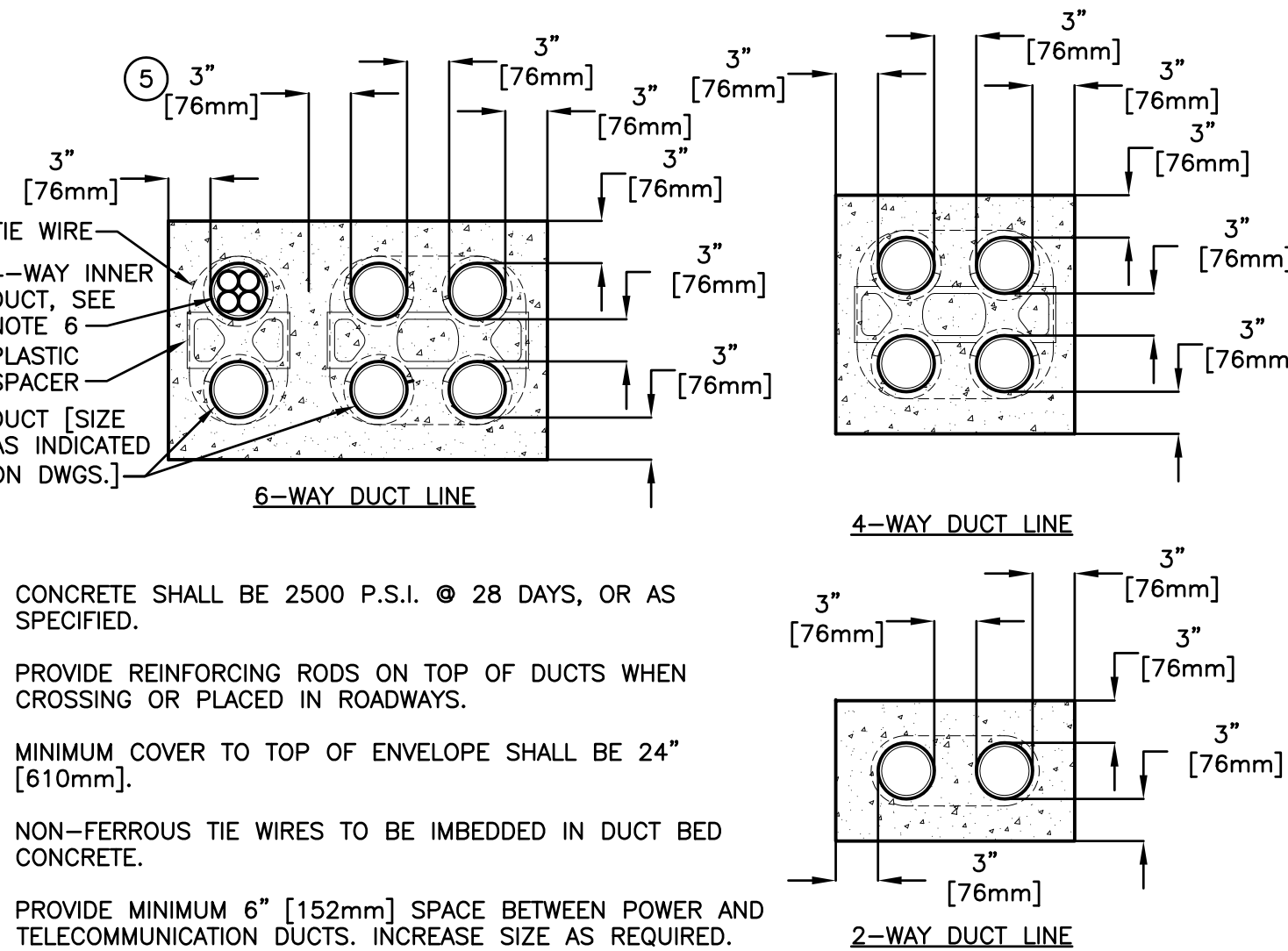


### GENERAL NOTES:

1. MAINTAIN A MINIMUM CLEARANCE OF 12" [308mm] ON ALL SIDES OF ROOF PENETRATION FROM WALLS, CURBS, AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING.
2. FLANGES OF ADJACENT FLASHINGS SHALL NOT BE CUT OR OVERLAPPED.
3. VERIFY ROOF & STRUCTURAL SYSTEM WITH ARCHITECT.
4. COORDINATE FLASHING INSTALLATION WITH ROOFING CONTRACTOR TO ENSURE PROPER METHODS & MATERIALS ARE USED TO MAINTAIN ROOF WARRANTY.

### ROOF PENETRATION DETAIL

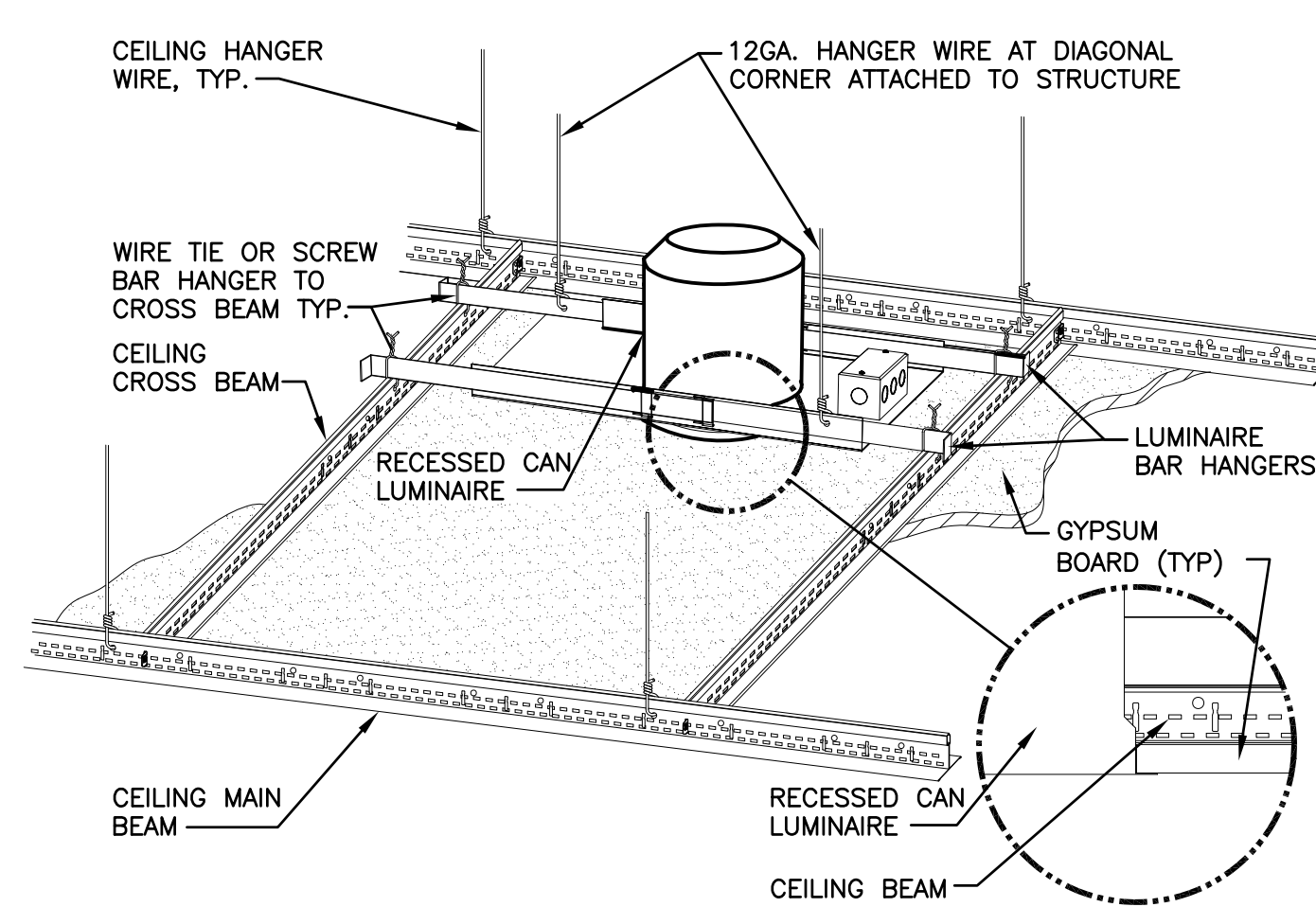
NO SCALE



1. CONCRETE SHALL BE 2500 P.S.I. @ 28 DAYS, OR AS SPECIFIED.
2. PROVIDE REINFORCING RODS ON TOP OF DUCTS WHEN CROSSING OR PLACED IN ROADWAYS.
3. MINIMUM COVER TO TOP OF ENVELOPE SHALL BE 24" [610mm].
4. NON-FERROUS TIE WIRES TO BE IMBEDDED IN DUCT BED CONCRETE.
5. PROVIDE MINIMUM 6" [152mm] SPACE BETWEEN POWER AND TELECOMMUNICATION DUCTS. INCREASE SIZE AS REQUIRED.
6. INNERDUCT QUANTITY AND SIZE AS INDICATED ON PLANS.

### DUCT BANK DETAILS

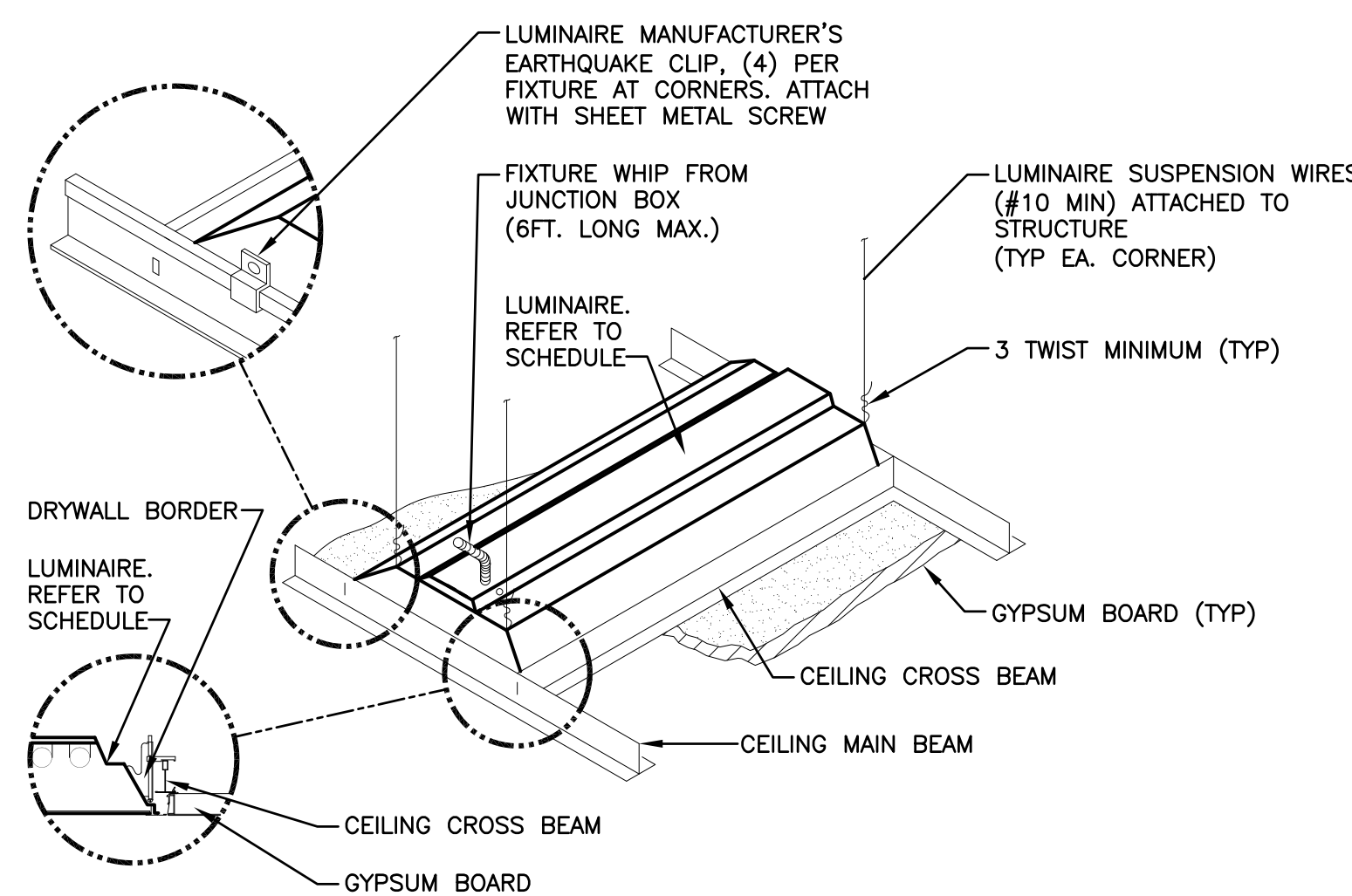
NO SCALE



1. ALL LIGHTS SHALL BE TIGHT TO SURFACE OR TRIM.

### DOWNLIGHT MOUNTING - GYPBOARD CEILING

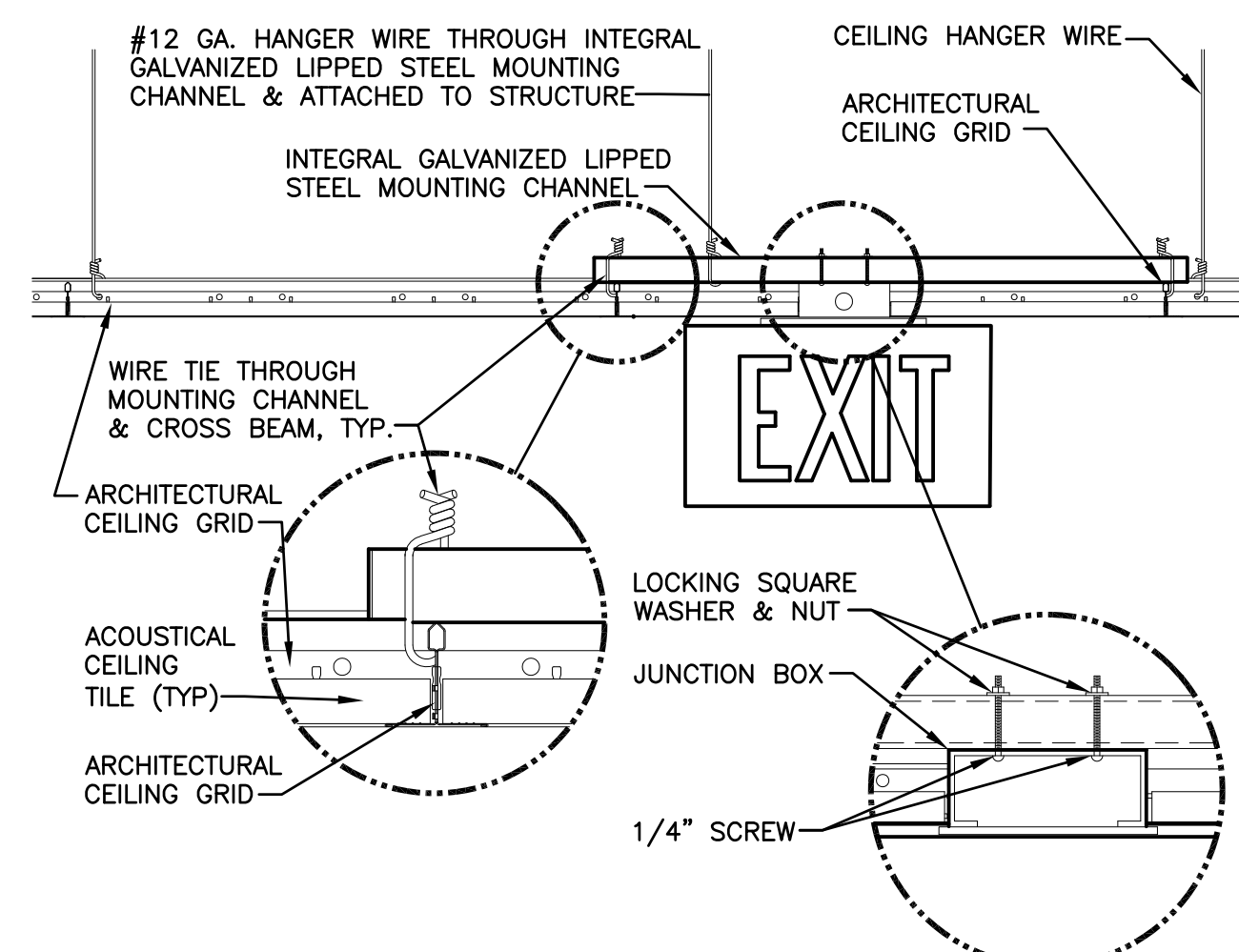
NO SCALE



1. ALL LIGHTS SHALL BE TIGHT TO SURFACE OR TRIM.

### LUMINAIRE MOUNTING - GYPBOARD CEILING

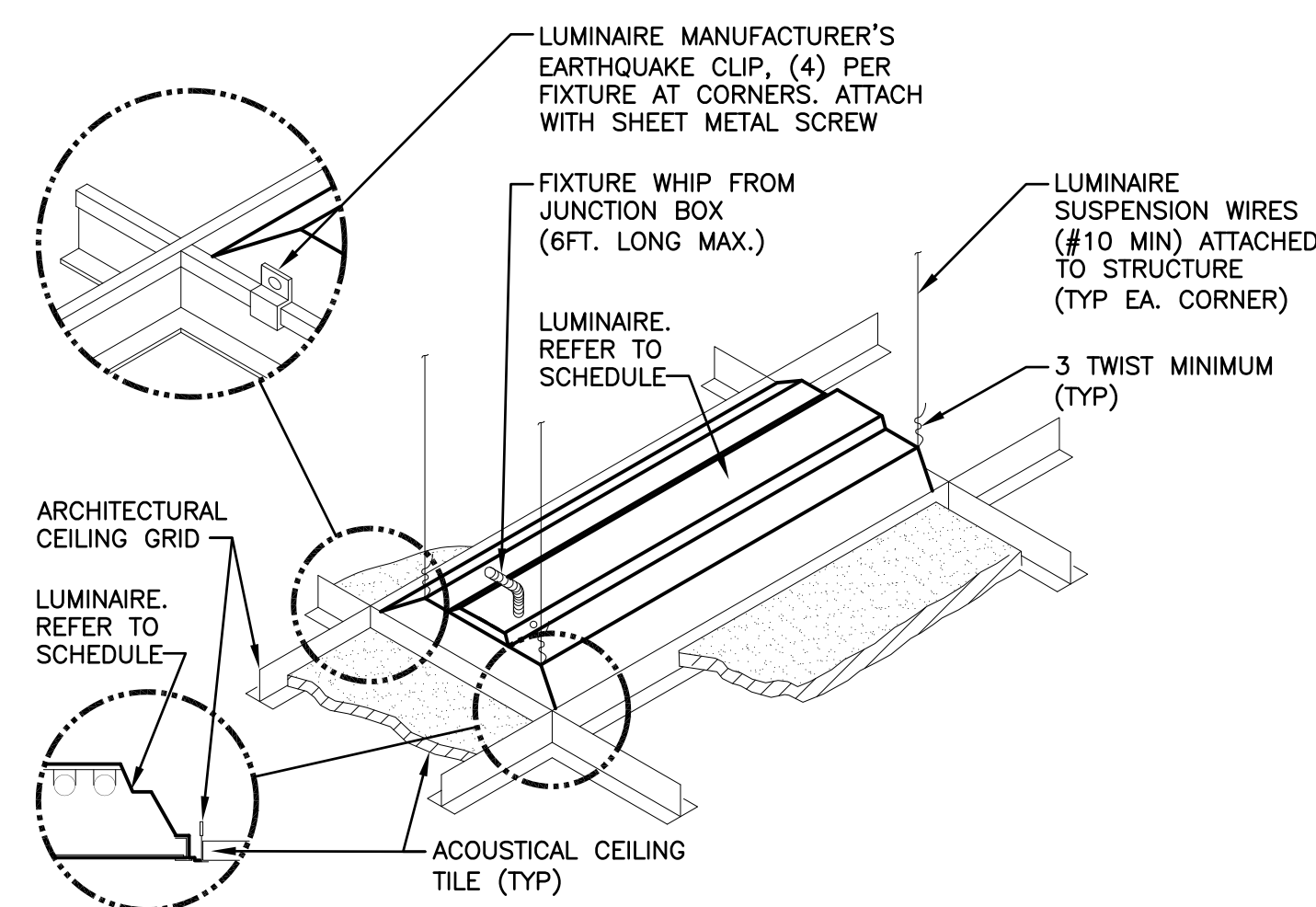
NO SCALE



1. EXIT SIGNS SHALL BE MOUNTED TIGHT AND LEVEL TO CEILING TO PREVENT MOVEMENT.

### EXIT SIGN MOUNTING - LAY-IN CEILING

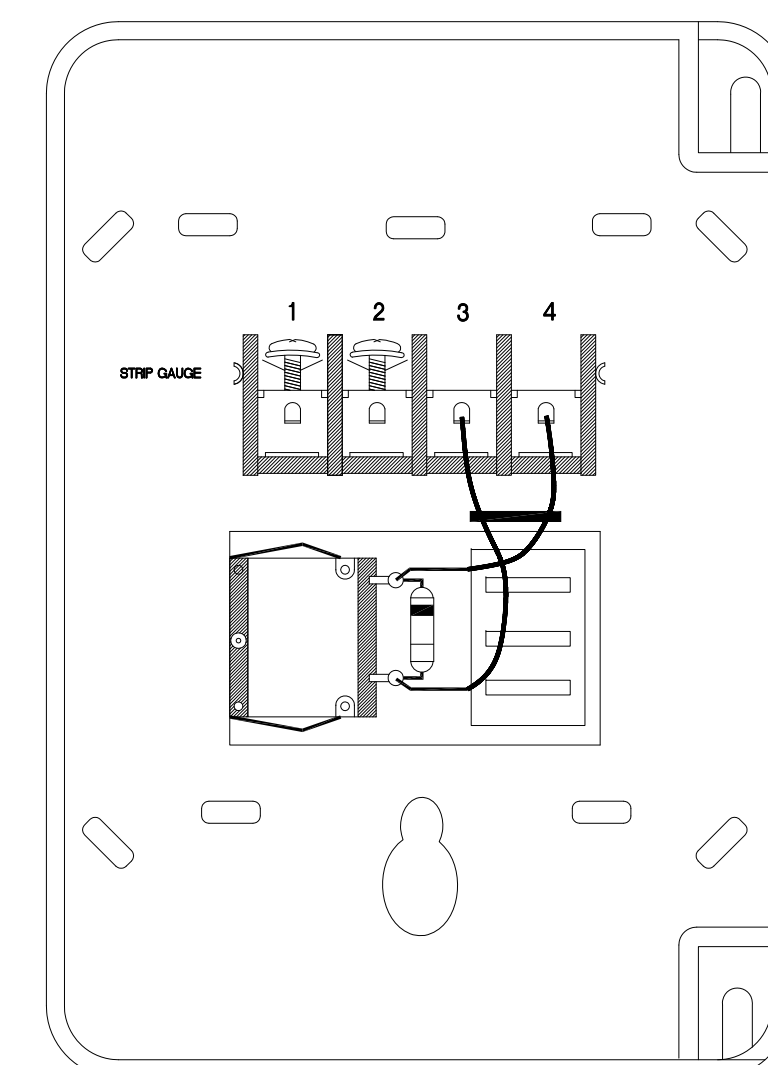
NO SCALE



1. ALL LIGHTS SHALL BE TIGHT TO SURFACE OR TRIM.

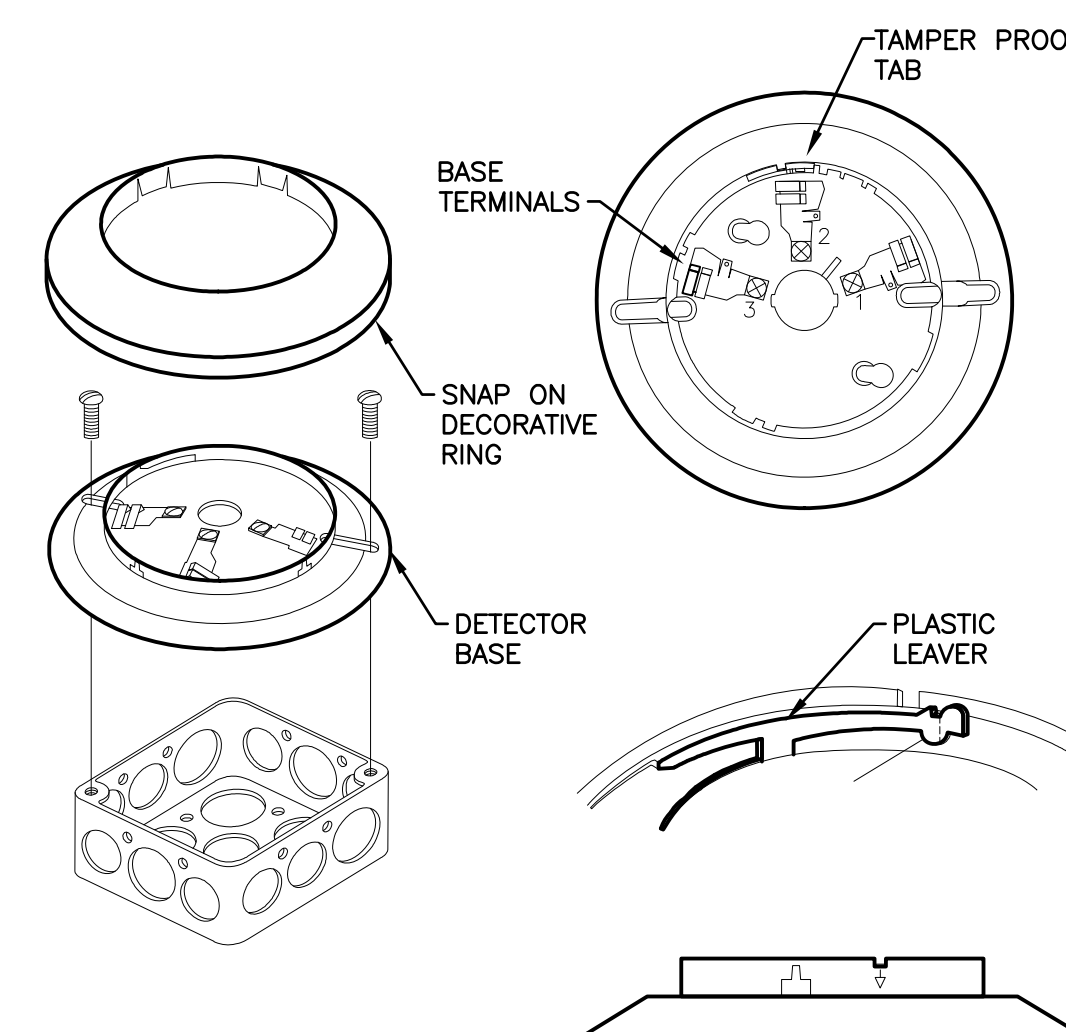
### LUMINAIRE MOUNTING - LAY-IN CEILING

NO SCALE



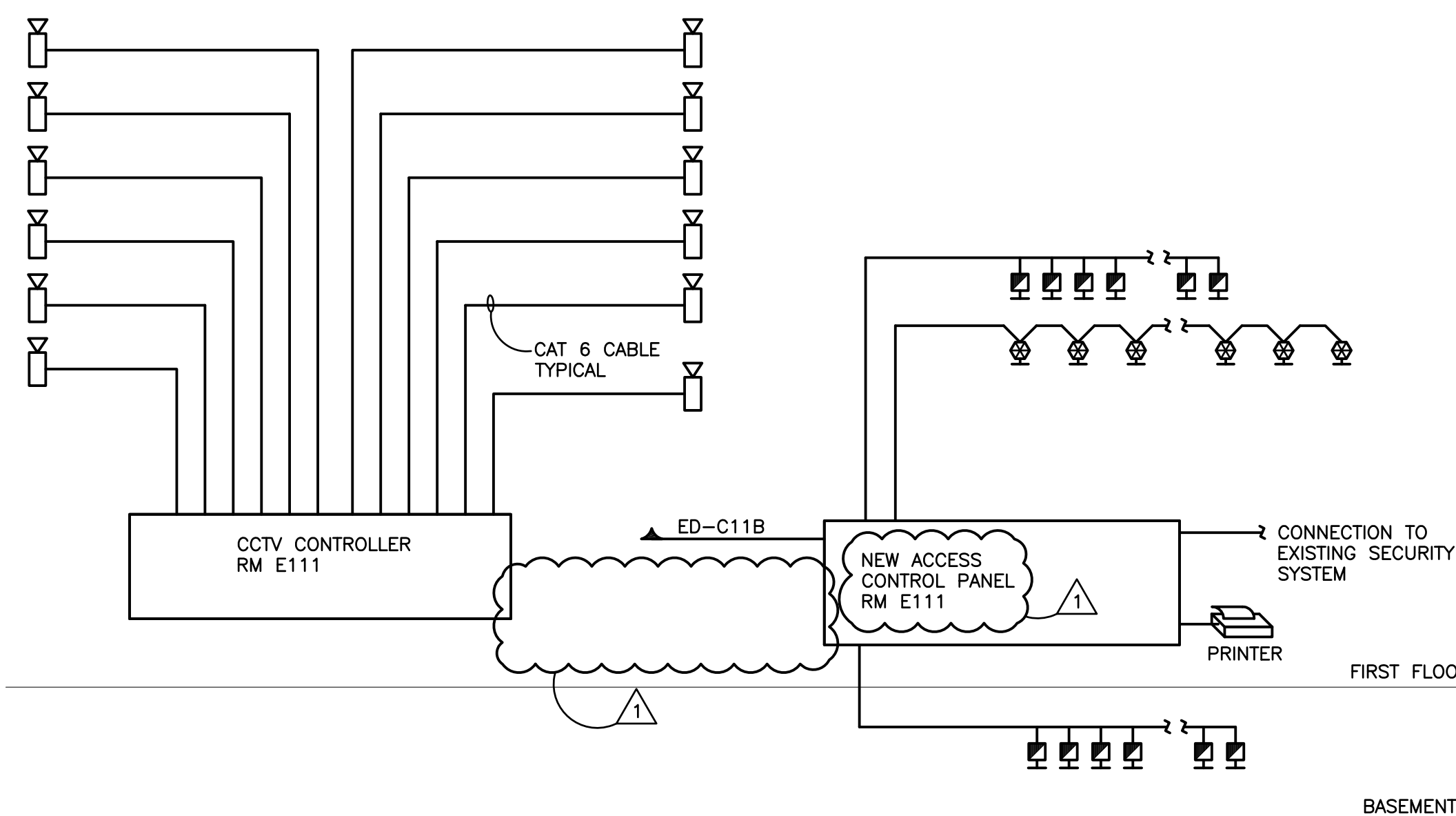
### TYPICAL PULL STATION

NO SCALE



### TYPICAL SMOKE DETECTOR

NO SCALE

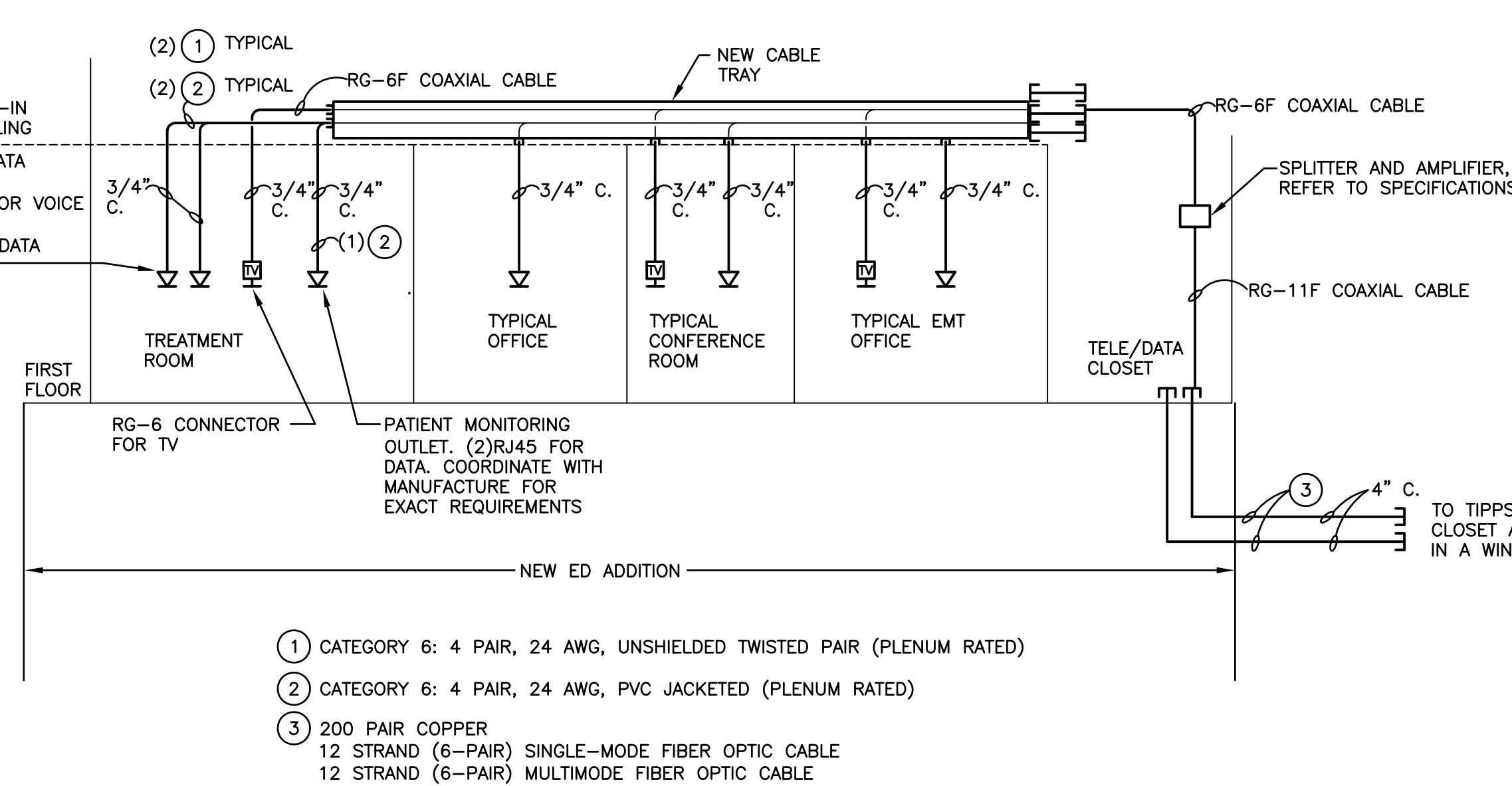


### SECURITY NOTES:

- REFER TO FLOOR PLANS FOR EXACT QUANTITIES AND TYPES OF DEVICES.
- PROVIDE AUXILIARY POWER SUPPLIES, RELAY MODULES, CONTROL BOARDS, AND OTHER AUXILIARY COMPONENTS AS REQUIRED TO SUPPORT ALL NEW SECURITY DEVICES.
- ALL WIRING SHALL BE PER MANUFACTURER REQUIREMENTS AND SPECIFICATIONS.

### SECURITY RISER DIAGRAM

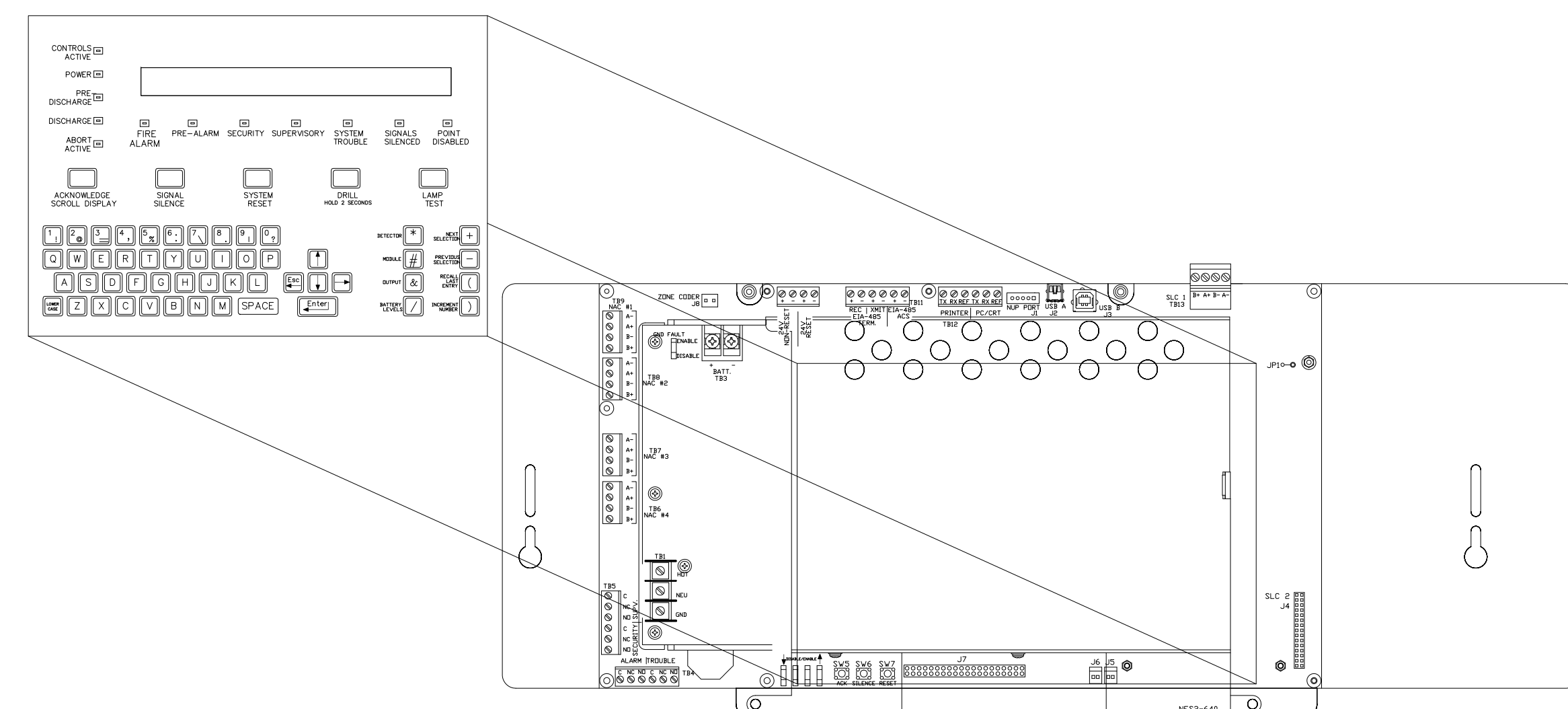
NO SCALE



- 1 CATEGORY 6: 4 PAIR, 24 AWG, UNSHIELDED TWISTED PAIR (PLENUM RATED)
- 2 CATEGORY 6: 4 PAIR, 24 AWG, PVC JACKETED (PLENUM RATED)
- 3 200 PAIR COPPER  
12 STRAND (6-PAIR) SINGLE-MODE FIBER OPTIC CABLE  
12 STRAND (6-PAIR) MULTIMODE FIBER OPTIC CABLE  
RG-11F DISTRIBUTION CABLE

### TELEPHONE/DATA/TV RISER DIAGRAM

NO SCALE



### TYPICAL REMOTE ANNUNCIATOR

NO SCALE

FINAL DESIGN (100%)  
FULLY SPRINKLERED

FFA #7451

<p>ADDENDUM #1</p> <p>7/24/12</p> <p>Revisions</p>	<p><b>CONSULTANTS:</b></p> <p>Quality Service Since 1944</p> <p><b>FRIEDMAN FISHER ASSOCIATES, P.C.</b></p> <p>CONSULTING ENGINEERS</p> <p>22 Aviation Road, Albany, New York 12206</p> <p>Tel: (518) 458-7040 Fax: (518) 458-7043</p> <p>mail@friedmanfisher.com</p> <p><b>EBERLIN AND EBERLIN, P.C.</b></p> <p>247 ROUTE 100 SUITE 1003 SOMERS NEW YORK 10589</p> <p>CONSULTING ENGINEERS, PLANNERS, LANDSCAPE ARCHITECTS</p> <p>914.232.9421 PHONE 914.232.6827 FAX</p>	<p><b>RYAN-BIGGS ASSOCIATES, P.C.</b></p> <p>291 River Street p 518 272.6266</p> <p>Troy, NY 12180 f 518 272.4467</p> <p>www.ryanbiggs.com</p>	<p><b>ARCHITECT/ENGINEERS:</b></p> <p><b>Hyman &amp; Hayes</b></p> <p>ASSOCIATES</p> <p>6 WEMBLEY COURT, ALBANY, NEW YORK 12205</p> <p>(518) 452-3470 (518) 452-3783 Fax</p> <p>HHA Proj. 10046</p>	<p>Drawing Title</p> <p><b>ELECTRICAL DETAILS</b></p> <p>Approved Project Director</p>	<p>Project Title</p> <p><b>NEW EMERGENCY DEPARTMENT</b></p> <p><b>Stratton VA Medical Center</b></p> <p>Location</p> <p><b>Albany, New York</b></p> <p>Date</p> <p>JULY 24, 2012</p> <p>Checked</p> <p>JLM</p> <p>Drawn</p> <p>MLS</p>	<p>Project Number</p> <p><b>VA 528-809</b></p> <p>Building Number</p> <p><b>95</b></p> <p>Drawing Number</p> <p><b>E11.1</b></p> <p>Dwg. 111 of 115</p>	<p>Office of Construction and Facilities Management</p> <p>Department of Veterans Affairs</p>
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