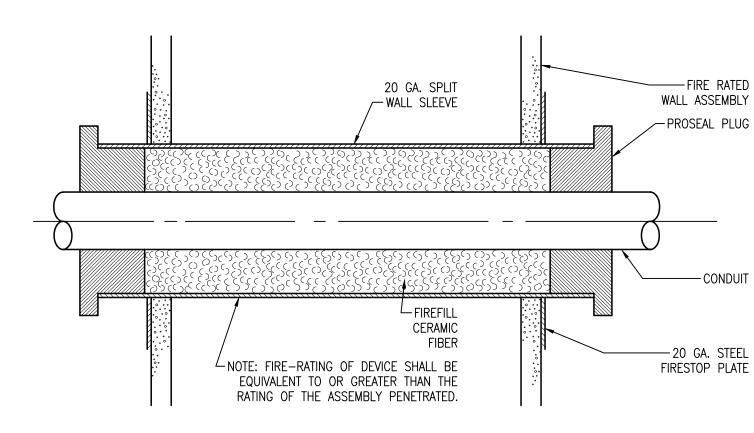
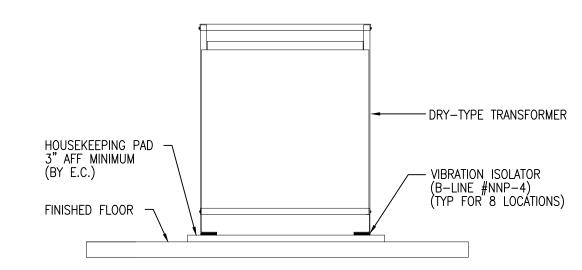


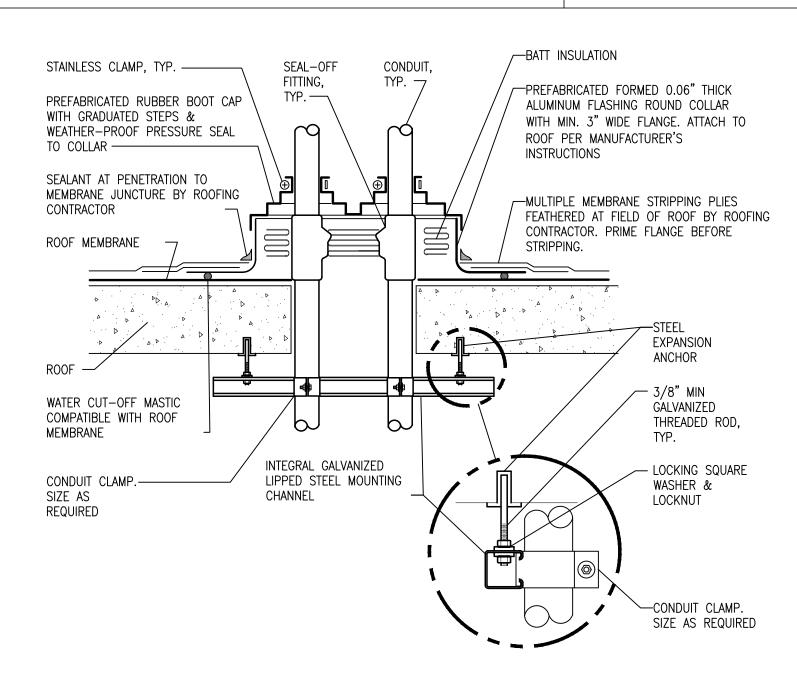
CONTINUOUS CABLE TO GROUND ROD CONNECTION SCALE: NONE



CONDUIT THROUGH FIRE RATED WALL SCALE: NONE

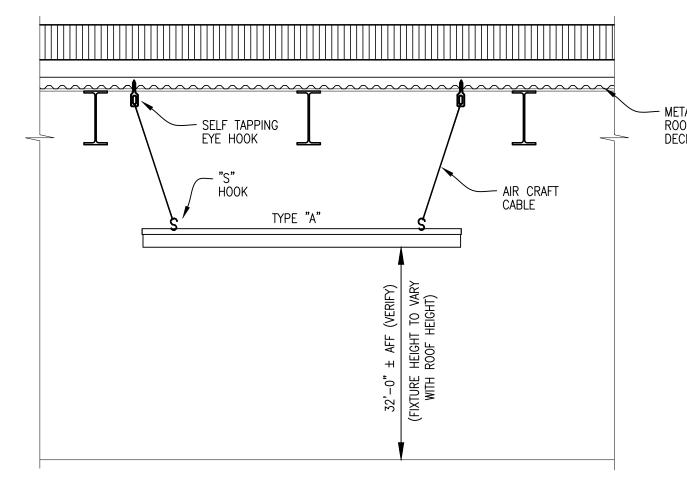


TRANSFORMER FLOOR MOUNTING DETAIL SCALE: NONE



TYPICAL ROOF PENETRATION DETAIL SCALE: NONE

- NOTES: 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 & STRUCTURAL ENGINEER.
- 4. COORDINATE FLASHING INSTALLATION WITH ROOFING CONTRACTOR TO ENSURE PROPER METHODS & MATERIALS ARE USED TO MAINTAIN ROOF WARRANTY.



FIXTURE TYPE "A" MOUNTING DETAIL SCALE: NONE

**L**/___\

FLEX —

CONDUIT -

TRANSFORMER WALL MOUNTING DETAIL

WALL MOUNTED PANELBOARD

- MAINTAIN MINIMUM CLEARANCE

(DEPTH OF PANEL) BETWEEN WALL AND TRANSFORMER

-4" X 1/2" X 36"

CENTERS (TYPICAL)

LONG PLATE STEEL WITH

TRACEABLE MARKER TAPE

BACKGROUND TO READ

"CAUTION—CAUTION—CAUTION

ELECTRIC LINE BURIED BELOW"

TAMPED BACK FILL

SELECT FILI AROUND CONDUITS 2-5" PVC -

SCALE: NONE

SECTION "A-A" PRIMARY

DUCT BANK DETAIL

CONTINUOUS BLACK WITH YELLOW

3 5/8"ø BOLTS AT 9"

BLDG STEEL

WELDED STEEL ANGLE SUPPORT

3" x 3" x 1/4"

(TYPICAL) —

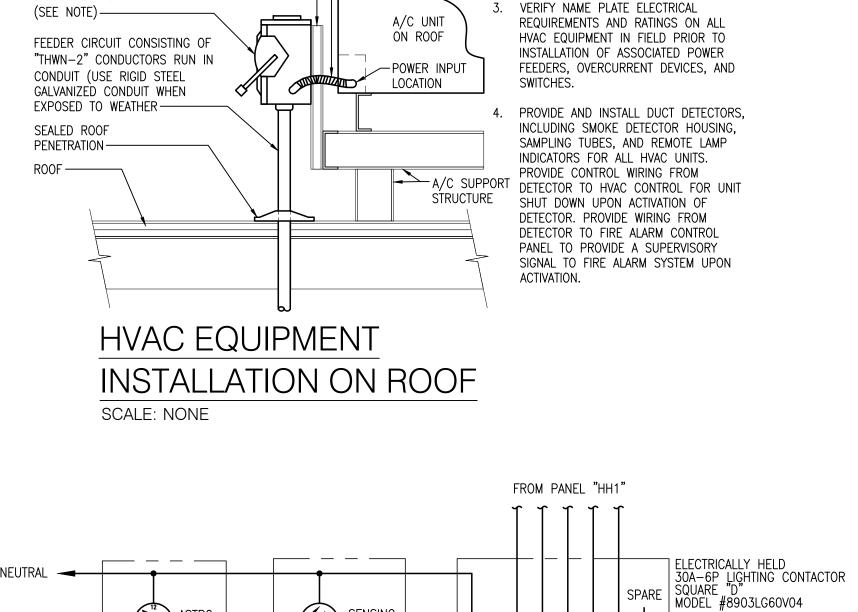
-FINISH FLOOR

SCALE: NONE

TRANSFORMER

(45 kVA MAX)——

STEEL ANGLE SUPPORT —



1. PROVIDE DISCONNECT SWITCHES FOR

DISCONNECT IS FACTORY INSTALLED.

2. PROVIDE FUSED DISCONNECT SWITCH IF

NAMEPLATE CALLS FOR FUSES OR HACR

AVAILABLE IN REQUIRED AMPERE RATING

BREAKER AND HACR BREAKER IS NOT

ALL HVAC EQUIPMENT UNLESS

**** SENSING (///) DEVICE **ゝ**り TIMER 120/277V TIME CLOCK REMOTE PHOTOCELL INTERMATIC #ET90215CE TO LOAD

TIMECLOCK/PHOTOCELL SCHEMATIC DIAGRAM

SCALE: NONE

NOTES: 1. LOCATE TIMECLOCK & LIGHTING CONTACTOR NEXT TO PANEL "HH1" COORDINATE LOCATION & ORIENTATION OF REMOTE PHOTOCELL DEVICE W/ ARCHITECT. 2. E.C. SHALL COORDINATE TIMECLOCK SETTINGS W/ OWNER AS PART OF A COMPLETE INSTALLATION.

<u>OPERATION</u>

LIQUID TIGHT METALLIC

PROVIDE GALVANIZED STEEL-

CHANNEL SUPPORT MOUNTED

TO A/C SUPPORT STRUCTURE.

DO NOT MOUNT DISCONNECT

FLEXIBLE CONDUIT -

DIRECTLY TO UNIT.

HEAVY DUTY NEMA 3R

DISCONNECT SWITCH

1. TIME CLOCK IS SET TO TURN LIGHTS OFF AT A TIME TO BE DETERMINED BY THE END USER. PHOTOCELL MAY STILL BE CLOSED BUT AN OPEN CONTACT IN THE TIMECLOCK KEEPS THE LOAD OFF.

2. TIME CLOCK IS SET TO GO "ON" AT A TIME TO BE DETERMINED BY THE END USER. THE CONTACT IN THE TIMECLOCK WILL CLOSE BUT THE PHOTOCELL CONTACT WILL BE OPEN, KEEPING THE LIGHTS OFF.

3. PHOTOCELL CONTACT WILL CLOSE AT DUSK COMPLETING THE CIRCUIT

TRACEABLE MARKER TAPE

CONTINUOUS BLACK WITH YELLOW

BACKGROUND TO READ

"CAUTION-CAUTION-CAUTION

BACK FILL

SELECT FIL AROUND CONDUITS

SECTION "B-B"

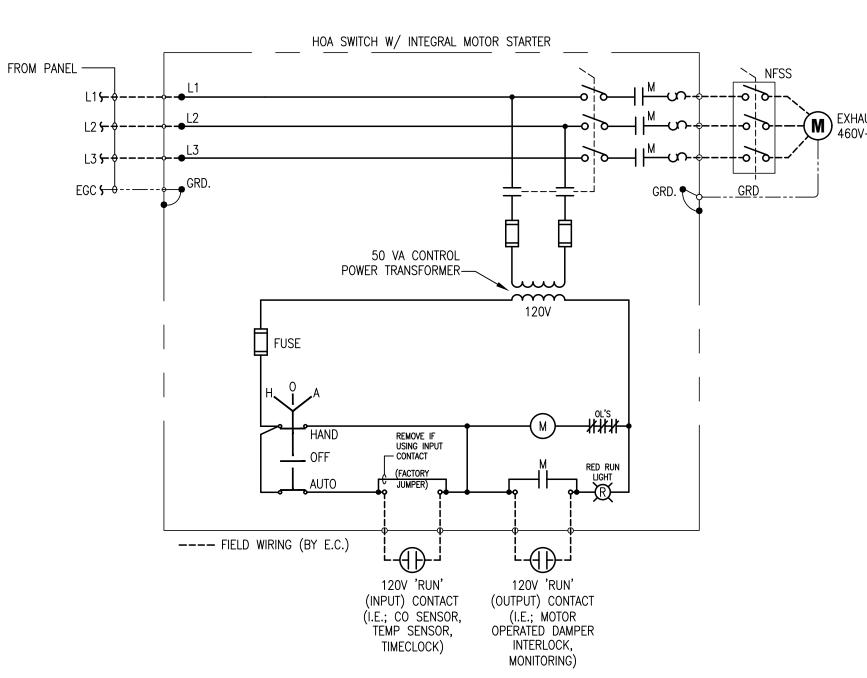
SCALE: NONE

DUCT BANK DETAIL

ELECTRIC LINE BURIED BELOW"

AND TURNING THE LOAD ON.

4. SEQUENCE BEGINS AGAIN.



TYPICAL 3-PHASE EXHAUST FAN CONTROL SCHEMATIC

SCALE: NONE

TRACEABLE MARKER TAPE

CONTINUOUS BLACK WITH YELLOW

BACKGROUND TO READ

"CAUTION-CAUTION-CAUTION

ELECTRIC LINE BURIED BELOW"

MACHINE -

BACK FILL

AROUND CONDUITS

1-2 1/2" PVC -

SCALE: NONE

SELECT FILL

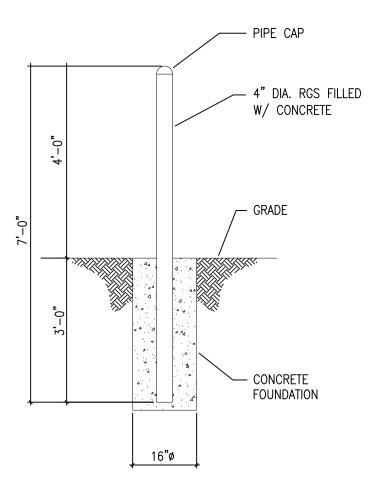
SECTION "C-C"

DUCT BANK DETAIL

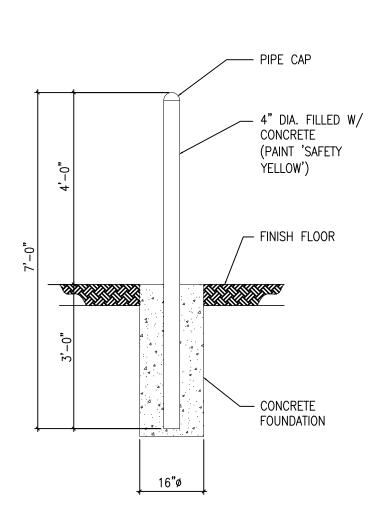
THIS SCHEMATIC IS DIAGRAMMATICAL AND DOES NOT INDICATE ALL INTEGRAL WIRING OR COMPONENTS, NOR EXACT CONFIGURATIONS. COORDINATE FINAL CONTROL/INTERLOCK REQUIREMENTS WITH GC, MC, OWNER, MANUFACTURER'S RECOMMENDATIONS, APPROVED SHOP DRAWINGS, AND EQUIPMENT NAMEPLATES. THE EC SHALL PROVIDE ALL FIELD WIRING AND ANY DEVICES NOT PROVIDED BY OTHERS, INCLUDING ALL NECESSARY CONDUCTORS, RACEWAYS, AND HARDWARE, AS REQUIRED FOR A COMPLETE INSTALLATION.



EXTERIOR RECEPTACLE DETAIL SCALE: NONE

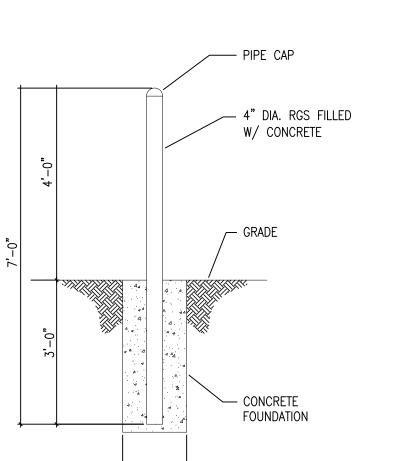


EXTERIOR BOLLARD DETAIL SCALE: NONE



INTERIOR BOLLARD DETAIL

SCALE: NONE 1. ALL BOLLARDS ARE BY OTHERS.



SUBMITTALS

NORTH

KEY PLAN

DESCRIPTION A 11.20.2024 ISSUE FOR REVIEW B 02.02.2024 ISSUE FOR REVIEW 0 02.09.2024 ISSUE FOR PERMIT

DESIGNER / BUILDER

DESIGN/BUILD

ADB | DESIGN SERVICES

CENTER BLDG 3

44 SOUTH BROADWAY, SUITE 1003

P: 914.821.5535 F: 914.306.6010

WHITE PLAINS, NY 10601

ROCKLAND

LOGISTICS

25 OLD MILL RD.

BROOKFIELD PROPERTIES

ARCHITECT

EAST RUTHERFORD, NJ 07073

ADB / DESIGN SERVICES LLC

WHITE PLAINS, NY 10601

CIVIL ENGINEER

1904 MAIN STREET

LAKE COMO, NJ 07719

STRUCTURAL ENGINEER

INDIANAPOLIS, IN 46204

MECHANICAL ENGINEER

11840 BORMAN DRIVE

ELECTRICAL ENGINEER FXB ENGINEERING

5 CHRISTY DRIVE, SUITE 307

CHADDS FORD, PA 19317

PLUMBING ENGINEER

POTTSTOWN, PA 19464

S.A. COMUNALE

2900 NEWPARK DRIVE

BARBERTON, OH 44203

MCCARTHY ENGINEERING

2500 E HIGH STREET, SUITE 630

FIRE PROTECTION ENGINEER

NY License #: 077635-1 NY License Expiration Date: 04/30/2026

ADB STRUCTURAL ENGINEERING

NATIONAL DESIGN BUILD SERVICES

MARYLAND HEIGHTS, MO 63146

325 S. ALABAMA ST, SUITE 200

SUFFERN, NY 10901

1 MEADOWLANDS PLAZA SUITE 802

44 SOUTH BROADWAY, SUITE 1003

DYNAMIC ENGINEERING CONSULTANTS

PROJECT TITLE

PROJECT NO. **DRAWN BY** AS397-22 | NY154

SHEET TITLE **ELECTRICAL DETAILS**

SHEET NO.

E7.0