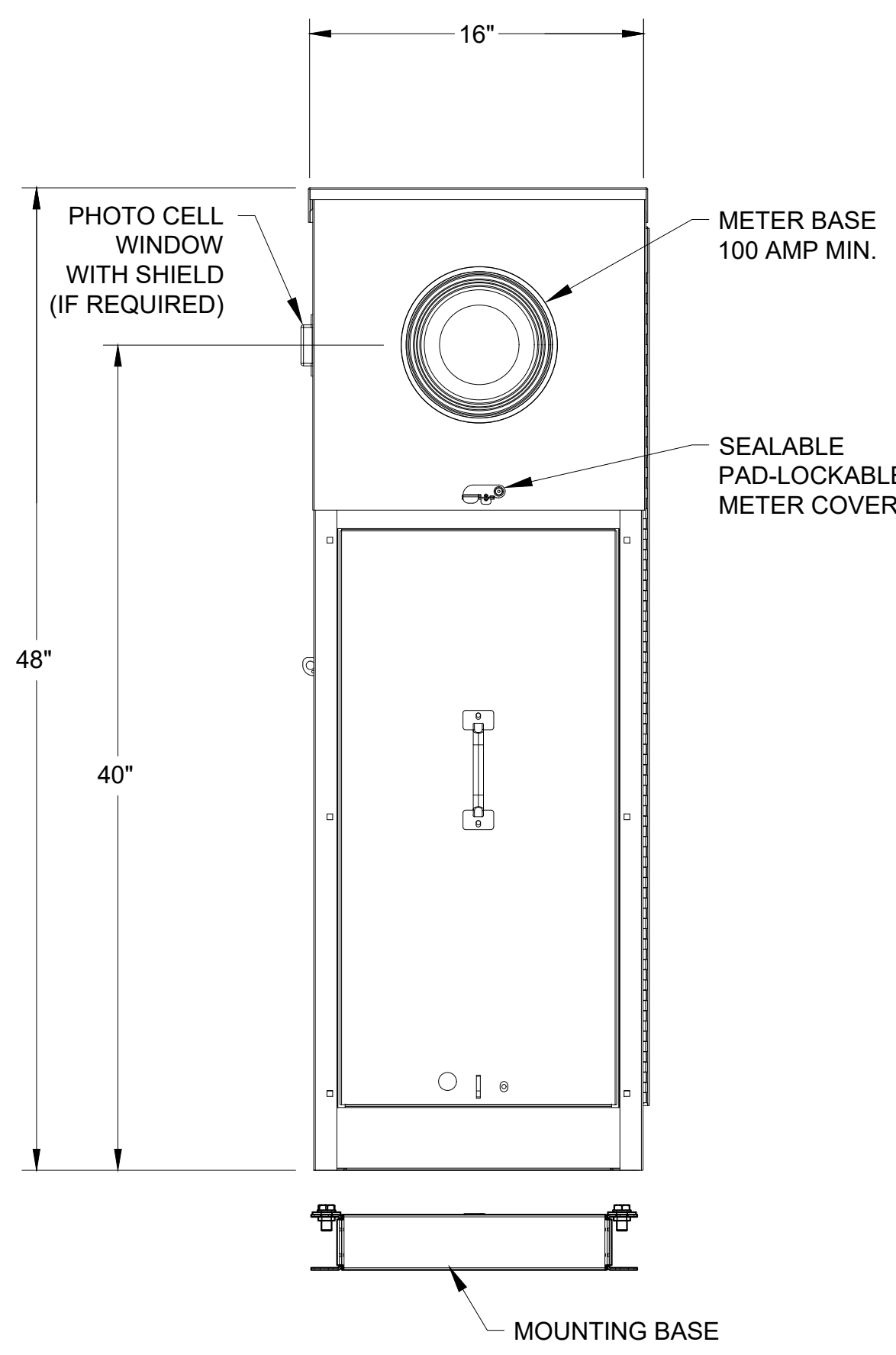
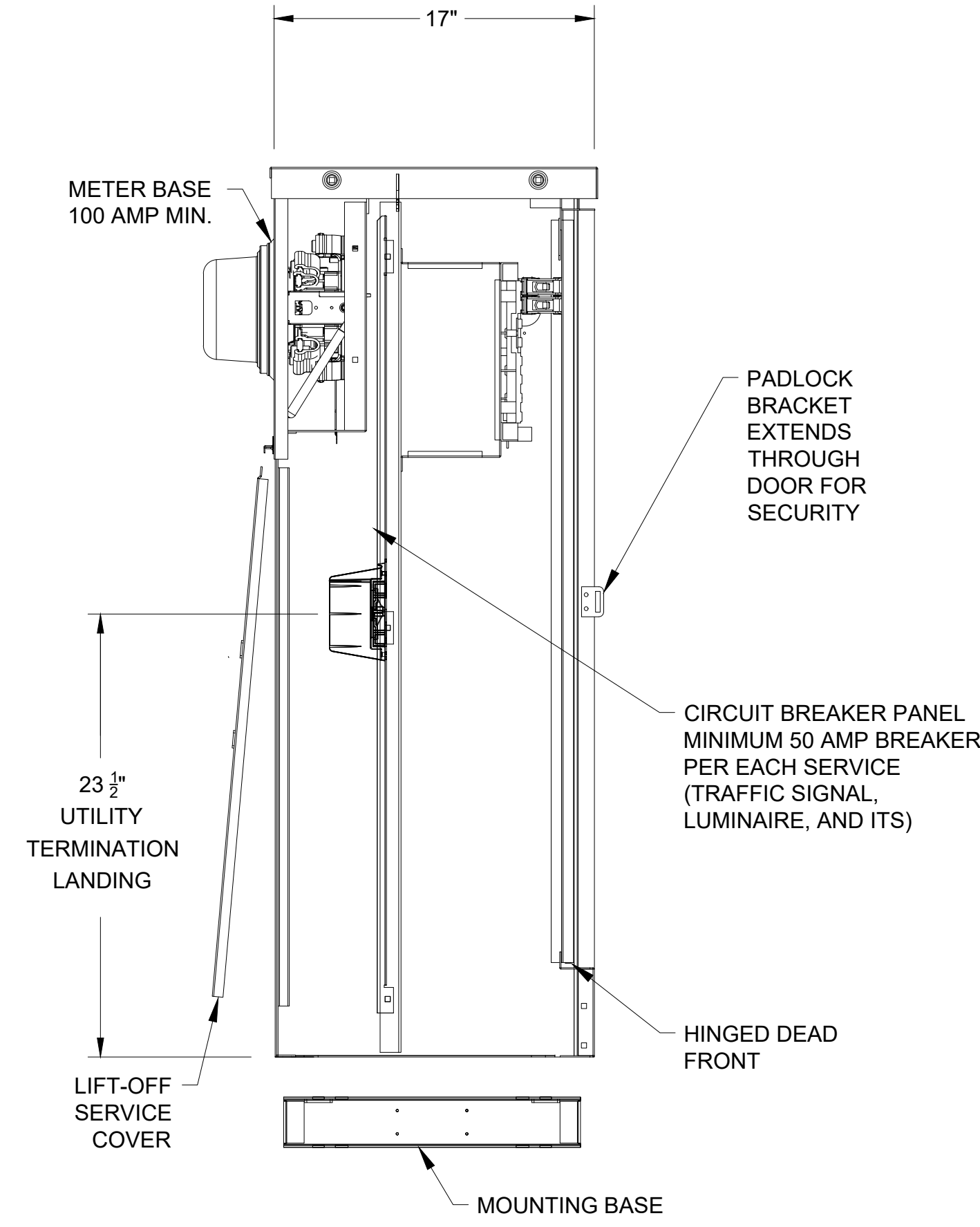


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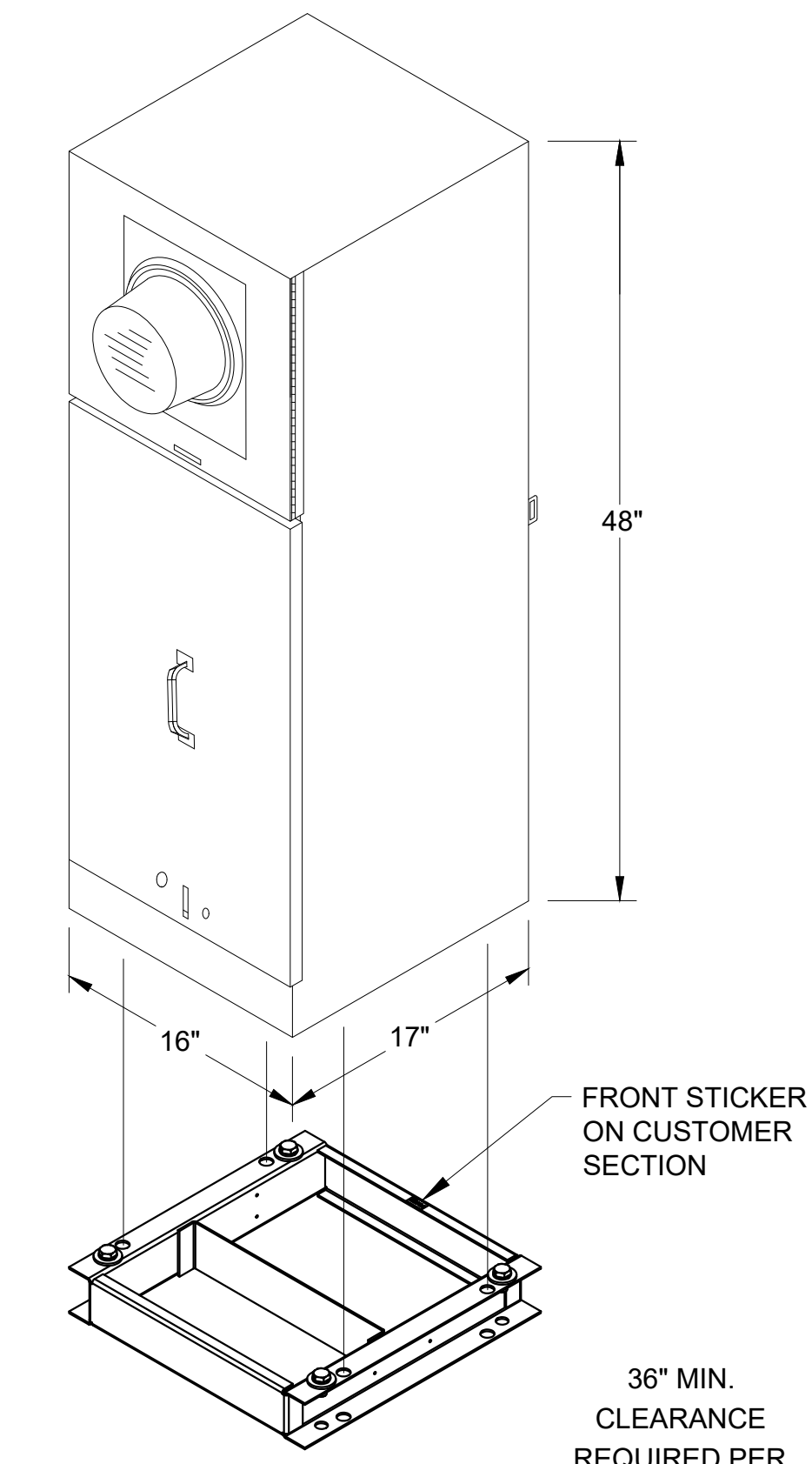
FRONT VIEW



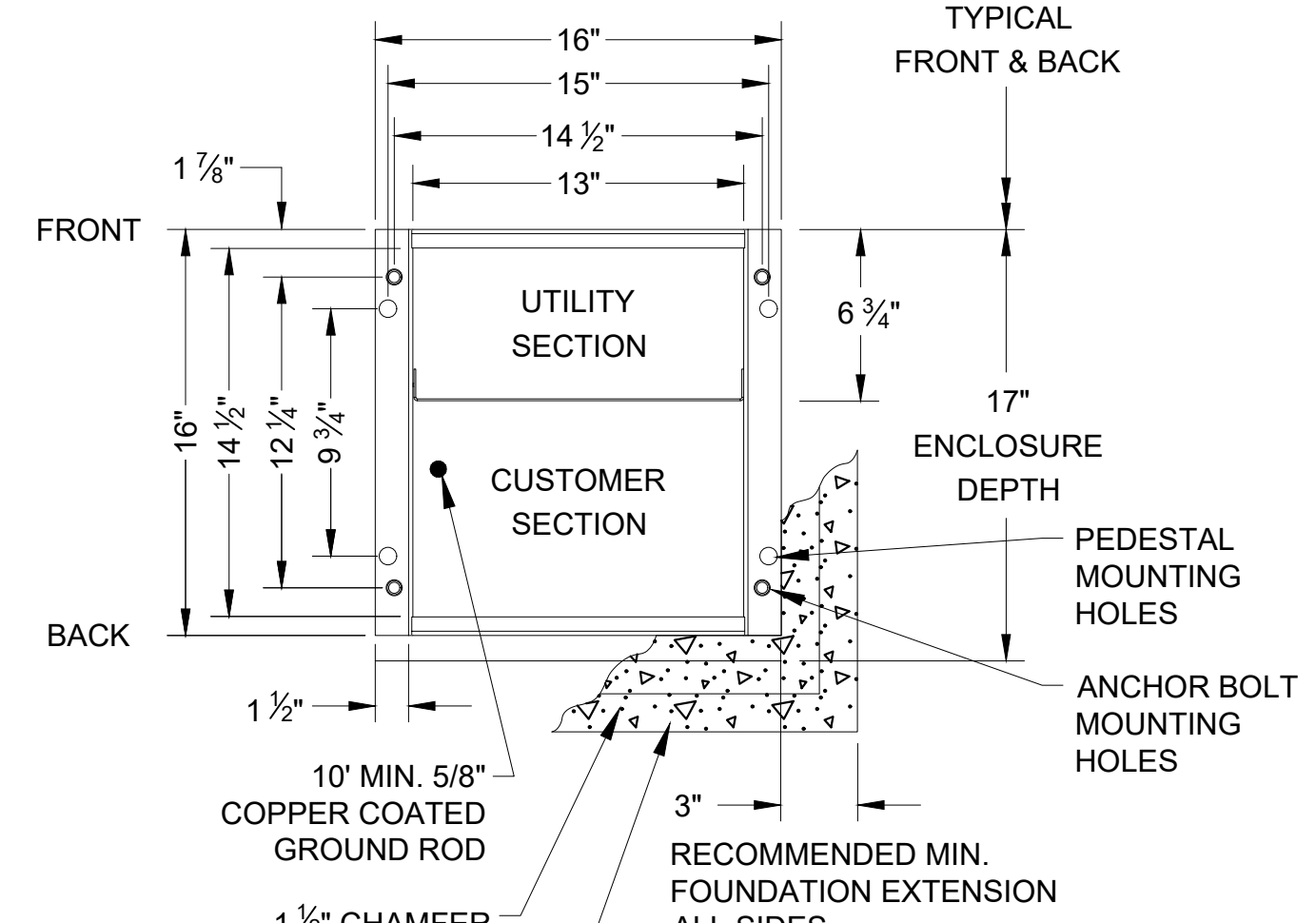
SIDE VIEW

**16" COMMERCIAL PEDESTAL
(EXPOSED METER)**

NOT TO SCALE

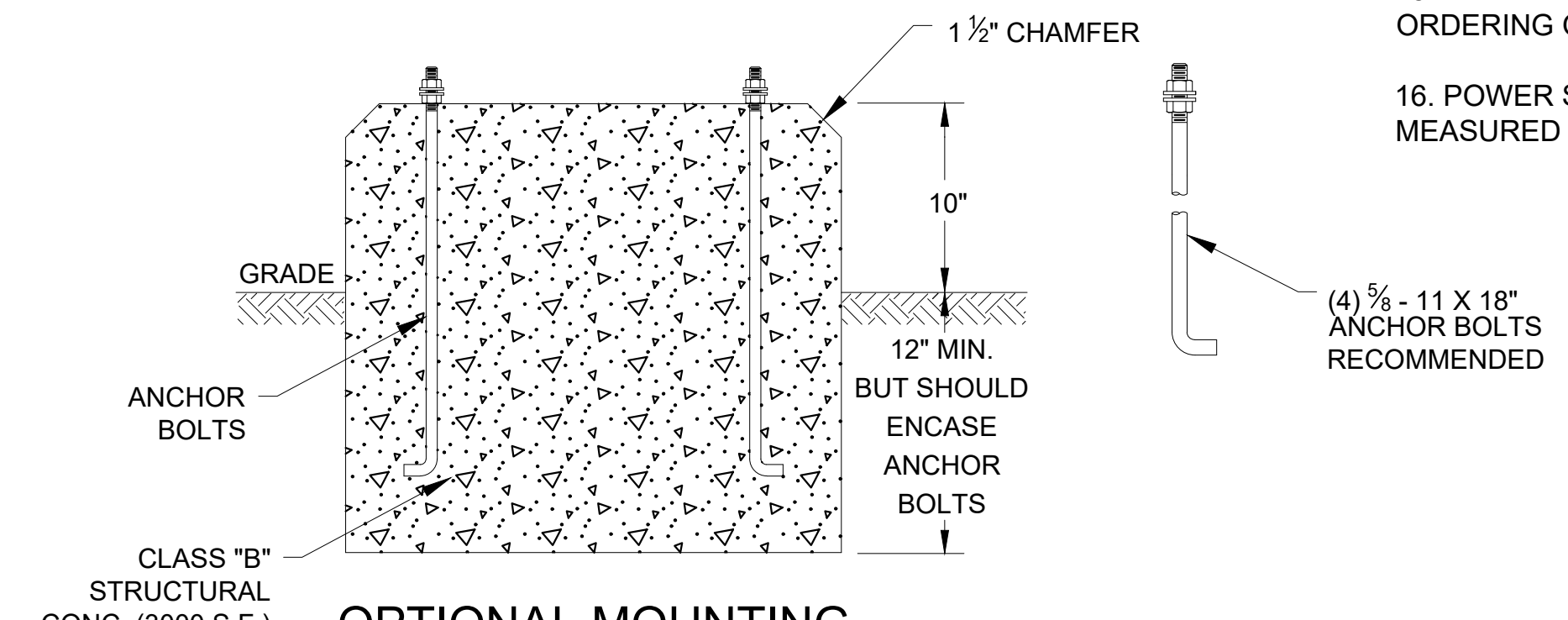


36 MIN. CLEARANCE REQUIRED PER N.E.C. 110-16 TYPICAL FRONT & BACK



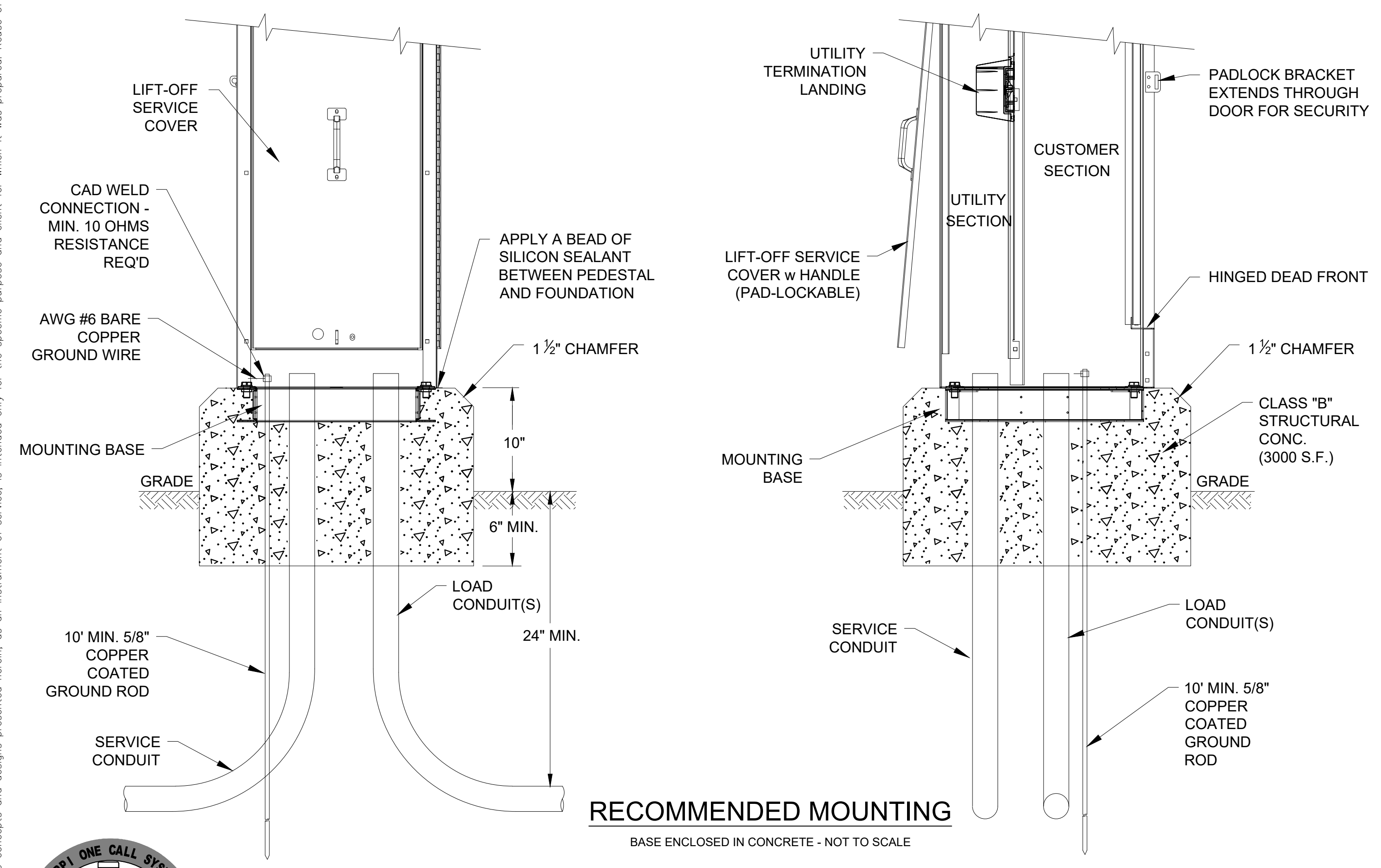
MOUNTING BASE DETAIL

NOT TO SCALE



OPTIONAL MOUNTING

NO BASE, MOUNT DIRECTLY ON FOUNDATION - NOT TO SCALE



RECOMMENDED MOUNTING

BASE ENCLOSED IN CONCRETE - NOT TO SCALE

- GENERAL NOTES:**
1. THE PEDESTAL SHALL BE OF NEMA TYPE 3R RAINPROOF CONSTRUCTION AND SHALL BE UL LISTED AS "ENCLOSED INDUSTRIAL CONTROL EQUIPMENT" (UL 508A). EXTERNAL CONSTRUCTION SHALL COMPLY WITH UL50 REQUIREMENTS AND SHALL BE UNPAINTED ALUMINUM.
 2. NOMINAL SIZE OF THE PEDESTAL SHALL BE 48"H X 16"W X 17"D. DIMENSION SHOWN ARE TYPICAL. CONTRACTOR TO VERIFY ALL DIMENSIONS WITH MANUFACTURER PRIOR TO INSTALLATION.
 3. PEDESTAL SHALL HAVE A VOLTAGE RATING OF 120V/240V SINGLE PHASE WITH AN AMPERAGE RATING THAT IS ADEQUATE TO RUN ALL TRAFFIC SIGNAL EQUIPMENT AS SPECIFIED IN THE PLANS (MAX 800A).
 4. HINGES SHALL BE STAINLESS STEEL AND OF THE CONTINUOUS PIANO HINGE TYPE.
 5. THE PEDESTAL MOUNTING BOLTS SHALL NOT BE EXTERNALLY ACCESSIBLE. THE PEDESTAL SHALL BE ABLE TO BE EMBEDDED IN CONCRETE OR USE ANCHOR BOLTS FOR MOUNTING ON CONCRETE BASE. EITHER PEDESTAL MOUNTING BASE OR ANCHOR BOLT KIT SHALL BE REQUIRED FOR INSTALLATION.
 6. THE SERVICE PEDESTAL SHALL HAVE THREE SEPARATE ISOLATED SECTIONS FOR METERING EQUIPMENT, UTILITY TERMINATION AND CUSTOMER EQUIPMENT.
 7. THE METERING SECTION SHALL BE PAD-LOCKABLE AND SEALABLE AND HAVE A HINGED SWING DOOR FOR ACCESS TO DEMAND METERS. METER SOCKET TYPE SHALL MEET THE REQUIREMENTS OF THE SERVING UTILITY.
 8. THE UTILITY TERMINATION SECTION SHALL BE PAD-LOCKABLE AND SEALABLE AND SHALL HAVE A STAINLESS STEEL HANDLE PROVIDED ON A LIFT-OFF COVER. SUFFICIENT CLEARANCE SHALL BE PROVIDED FOR A 4-INCH DIAMETER CONDUIT FOR UTILITY CABLES ENTRANCE. UTILITY LANDING LUGS SHALL BE UL LISTED AND SHALL ACCOMMODATE #6 350 KCMIL CONDUCTORS.
 9. THE CUSTOMER COMPARTMENT DOOR SHALL BE HINGED ON THE LEFT HAND SIDE. A STAINLESS PAD-LOCKABLE HASP SHALL BE PROVIDED TO SECURE CUSTOMER COMPARTMENT. AN OUTDOOR RATED HEAVY DUTY COMBINATION LOCK SHALL BE PROVIDED TO LOCK THE CUSTOMER COMPARTMENT DOOR. A DOOR KEEPER SHALL BE PROVIDED TO KEEP THE DOOR IN AN OPEN POSITION. A PRINT POCKET SHALL BE PROVIDED ON THE INSIDE OF THE DOOR IN A WEATHERPROOF SLEEVE. REQUIRED UL LABELING SHALL BE LOCATED ON THE INSIDE OF THE CUSTOMER DOOR. DISTRIBUTION AND CONTROL EQUIPMENT SHALL BE BEHIND AN INTERNAL DEAD-FRONT DOOR WITH A QUARTER-TURN SECURING LATCH AND SHALL BE HINGED TO OPEN MORE THAN 90 DEGREES. THE DEAD-FRONT DOOR SHALL BE HINGED ON THE SAME SIDE AS THE CUSTOMER SECTION DOOR.
 10. ALL DISTRIBUTION AND CONTROL EQUIPMENT SHALL BE FACTORY WIRED USING 600 VOLT WIRE SIZED TO NEC AND UL REQUIREMENTS.
 11. THE SERVICE PEDESTAL SHALL BE RATED FOR OPERATION AT 10K MINIMUM (AIC) AMPS INTERRUPTING CAPACITY. THE PROVIDED DOCUMENTATION SHALL LIST CIRCUIT BREAKER COMBINATIONS AND THOSE TO BE USED FOR DE-RATED OPERATION FOR SERIES RATINGS. CIRCUIT BREAKERS SHALL BE PERMANENTLY LABELED WITH ENGRAVED NAME PLATES.
 12. THE PANEL SHALL CONTAIN AS A MINIMUM A 50 AMP BREAKER PER EACH SERVICE (TRAFFIC SIGNAL, LUMINAIRE, AND ITS IF ITS EQUIPMENT IS INSTALLED ON PROJECT.)
 13. A DISCONNECT SHALL BE INSTALLED AT THE SERVICE POLE. WIRES FROM POWER COMPANY SHALL BE BLACK FOR LINE (HOT) AND WHITE FOR NEUTRAL.
 14. PHOTO CELL SHALL BE REQUIRED IF THE PROJECT WILL INSTALL LUMINAIRES AND/OR ILLUMINATED STREET NAME SIGNS.
 15. THE SERVING UTILITY SHALL BE CONSULTED FOR REQUIREMENTS BEFORE ORDERING OR INSTALLING EQUIPMENT.
 16. POWER SERVICE PEDESTAL, AS SPECIFIED IN THE PROJECT PLANS, WILL BE MEASURED AS A UNIT PER EACH.

NO.	REVISIONS	DATE	BY

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KHA PROJECT	142362033
DATE	2/2022
SCALE	AS SHOWN
DESIGNED BY	BST
DRAWN BY	BST
CHECKED BY	CBB

POWER SERVICE PEDESTAL

LOVE'S TRAVEL STOP
TRAFFIC SIGNAL DESIGN
PREPARED FOR
MDOT

