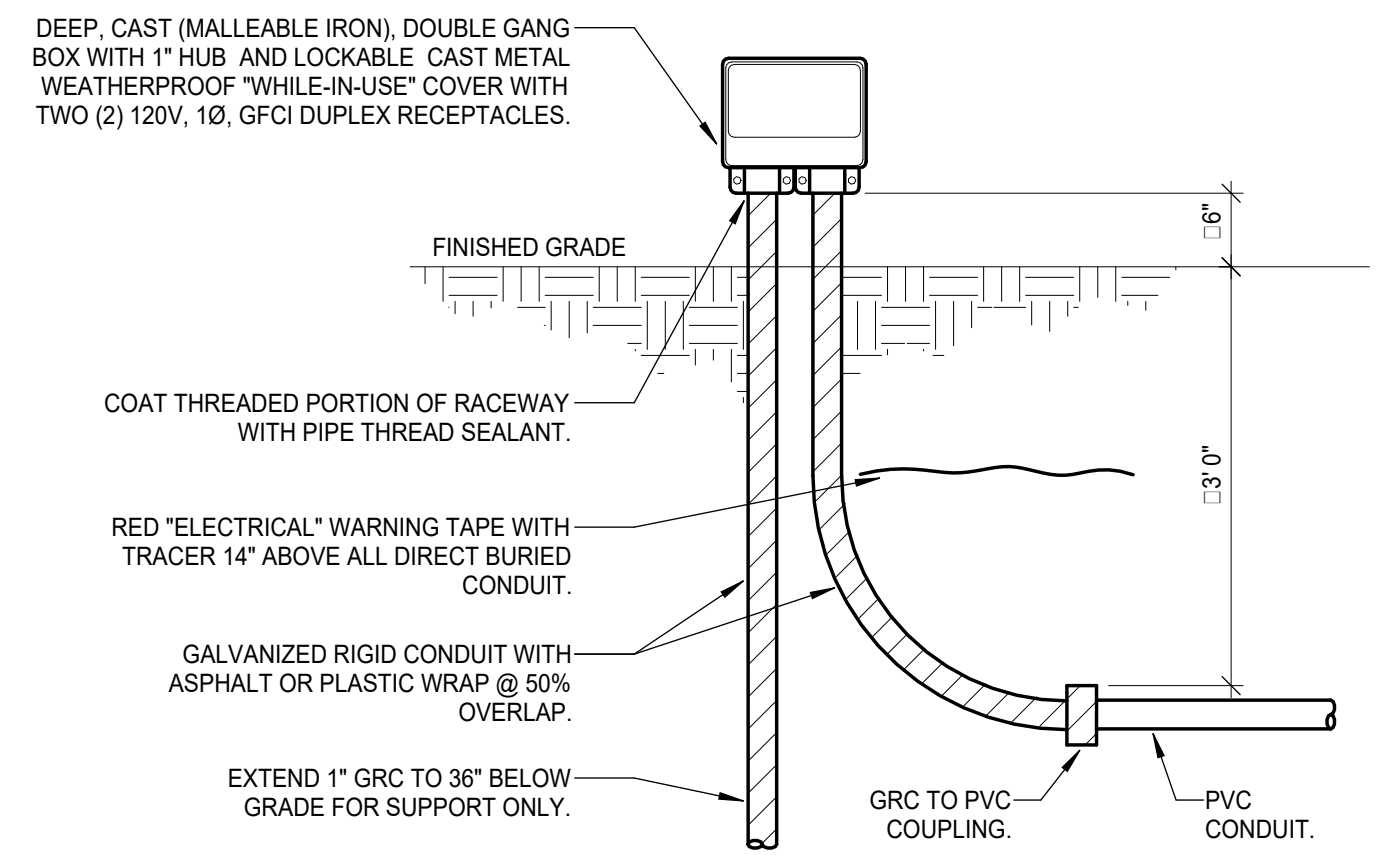
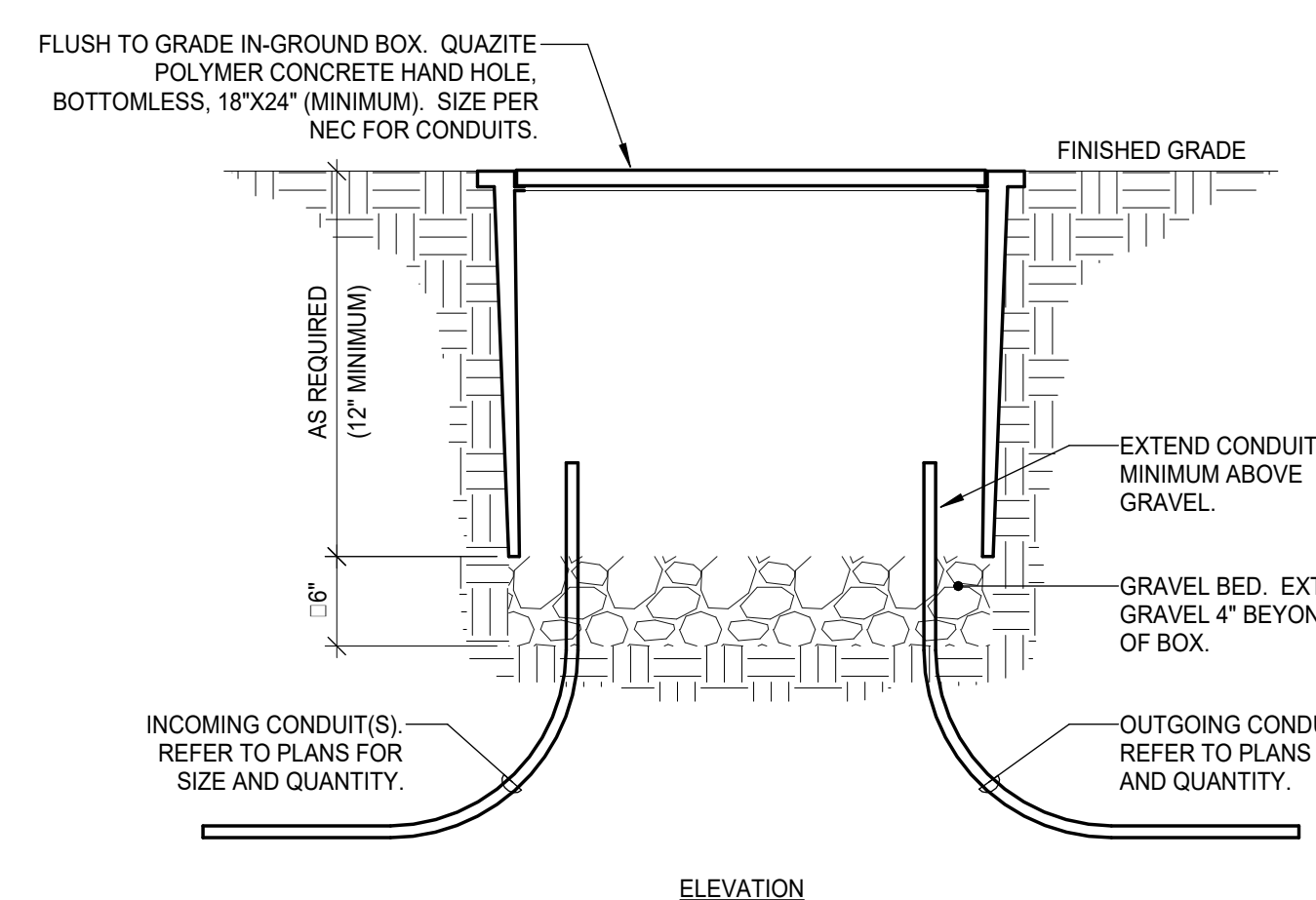
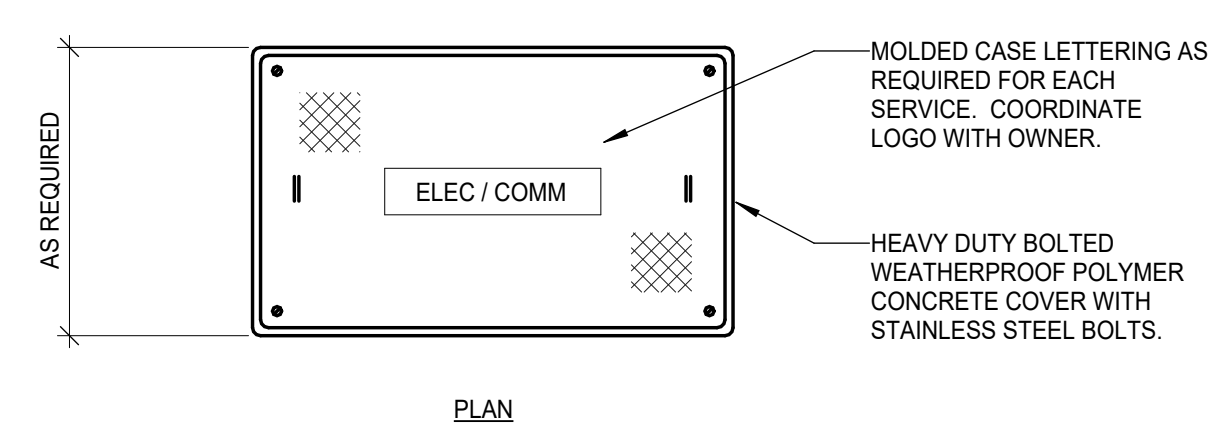


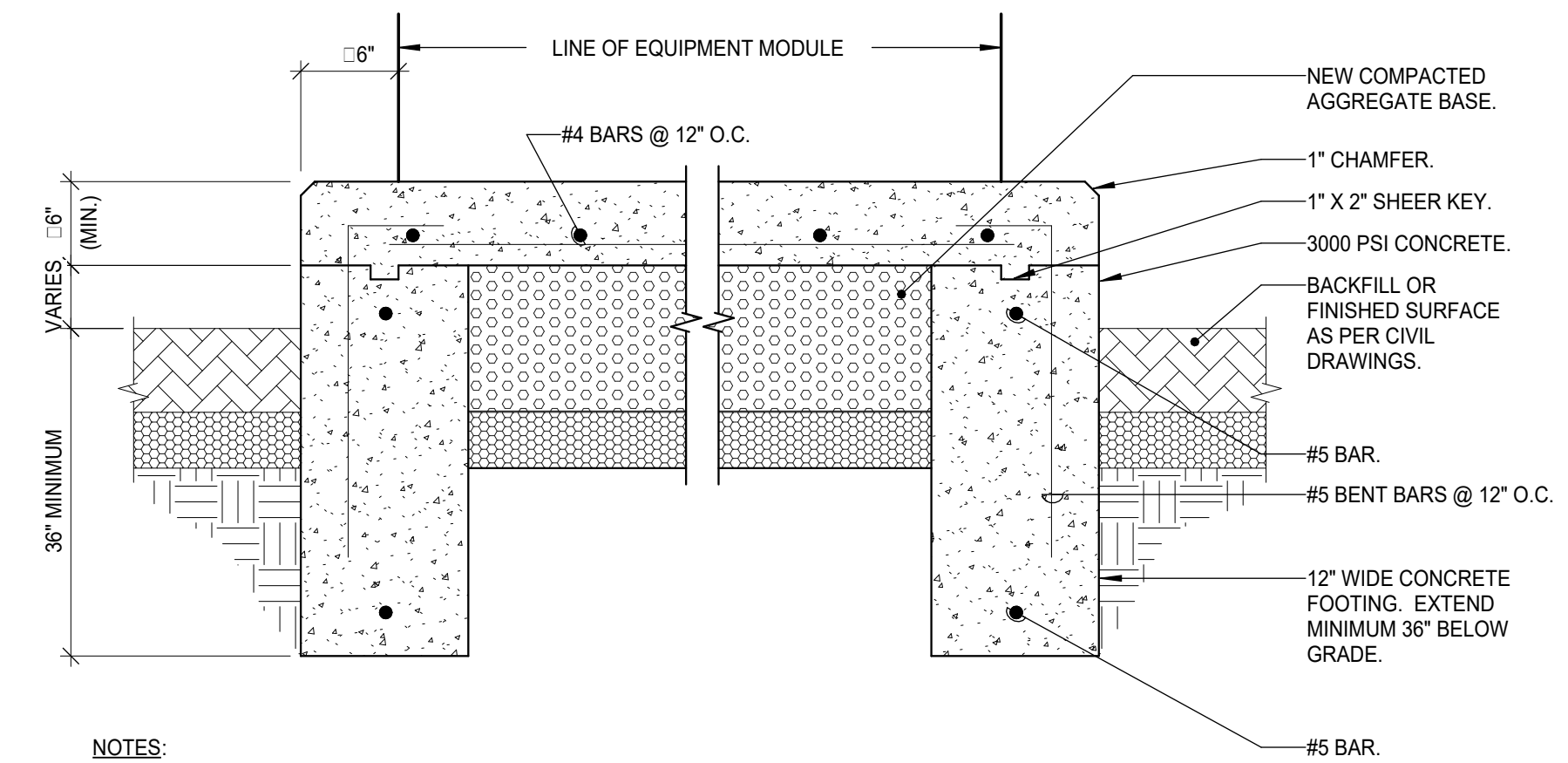


3 OUTDOOR AT-GRADE RECEPTACLE DETAIL
SCALE: NONE



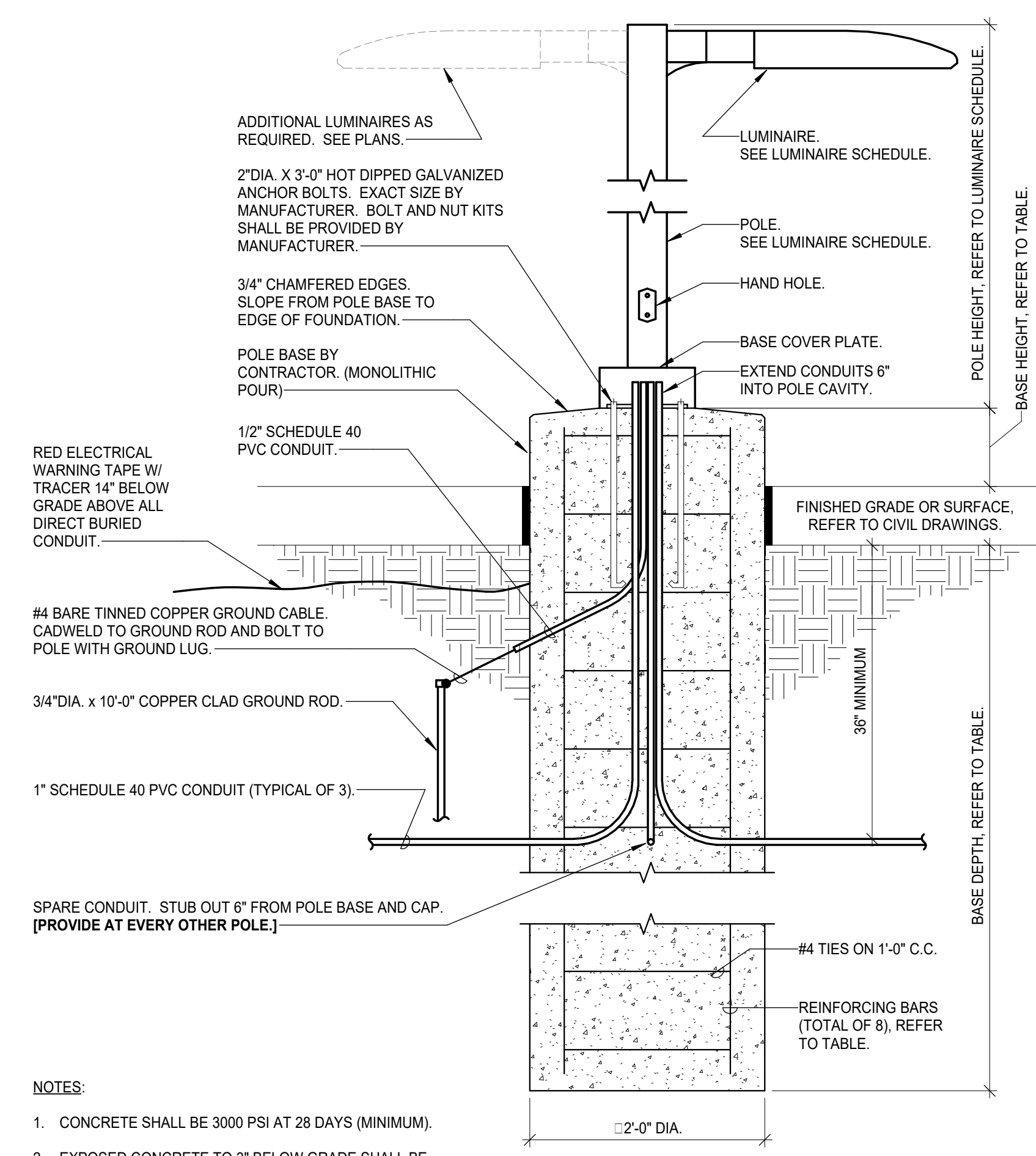
- NOTES:
1. PROVIDE SPLICING CONNECTOR AS REQUIRED. USE BURNDY YPC2A8U OR APPROVED EQUAL. ENCAPSULATED WITH A RAYCHEM GEL ENCLOSURE #GHFC-1-90 SERIES.

2 GROUND BOX DETAIL
SCALE: NONE



- NOTES:
1. CONCRETE SHALL BE 3000 PSI AT 28 DAYS (MINIMUM).
 2. EQUIPMENT ANCHORS - CONTRACTOR TO COORDINATE EQUIPMENT MANUFACTURER THE LOCATIONS OF HURRICANE TIE-DOWN ANCHORS TO BE CAST INTO NEW CONCRETE FOUNDATION FOR EQUIPMENT. ANCHORAGE TO BE DESIGNED TO WITHSTAND WINDS UP TO 110 MPH OR AS REQUIRED BY LOCAL CODES.

1 TYPICAL EQUIPMENT PAD DETAIL
SCALE: NONE

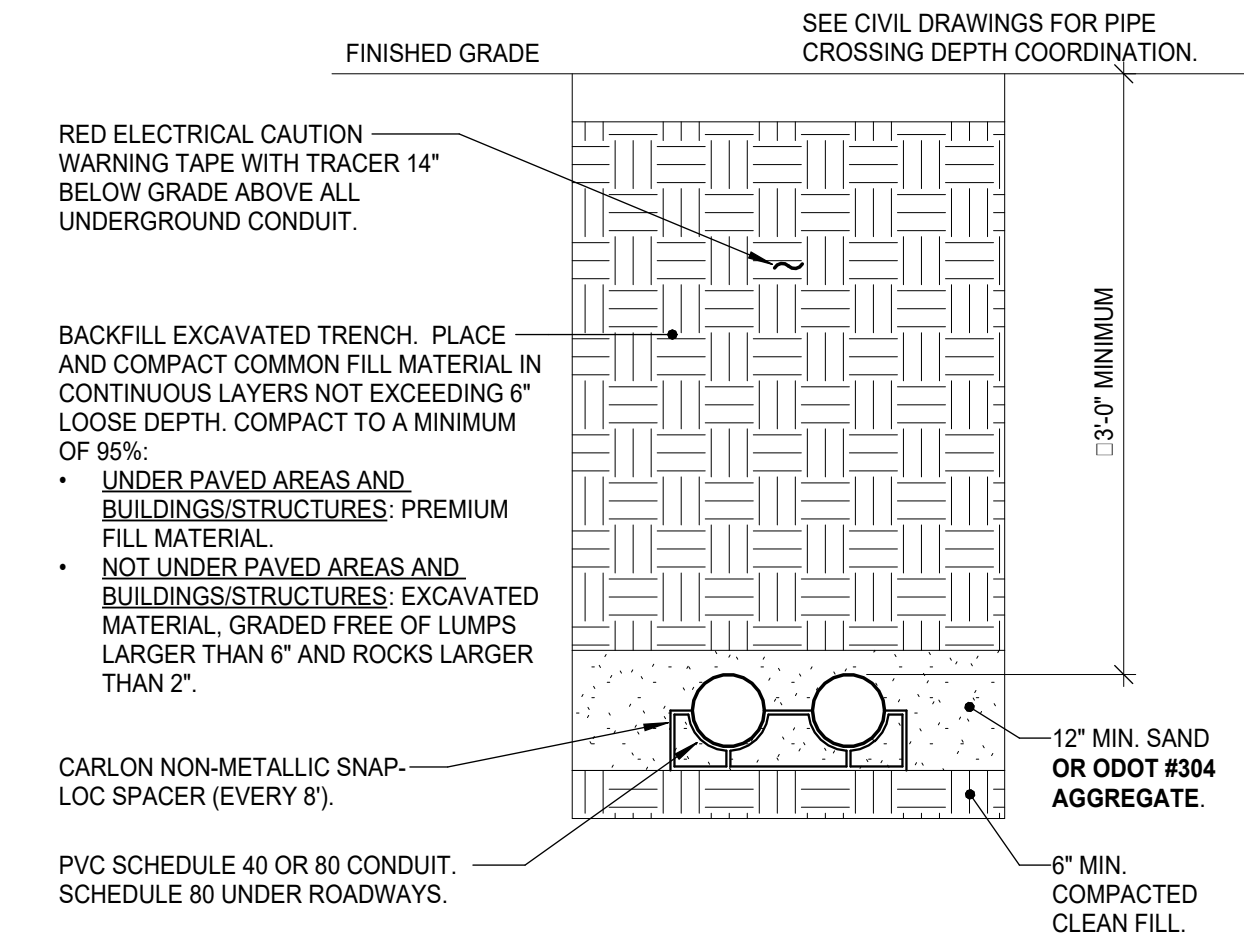


- NOTES:
1. CONCRETE SHALL BE 3000 PSI AT 28 DAYS (MINIMUM).
 2. EXPOSED CONCRETE TO 3" BELOW GRADE SHALL BE "SMOOTH FORM" FINISH, RUBBED SMOOTH TO COVER FORM MARKS AND SURFACE IRREGULARITIES.
 3. POLE BASE REINFORCEMENT SHALL HAVE A MINIMUM OF 3" CONCRETE COVER.
 4. POLES SHALL BE DESIGNED FOR A STEADY WIND VELOCITY OF 100MPH WITH A 1.3 GUST FACTOR. EC SHALL PROVIDE ADEQUATE WIRING SLACK WITHIN THE POLE BASE TO COMPENSATE FOR WIND MOVEMENT. INTEGRAL VIBRATION DAMPENERS SHALL BE PROVIDED AND INSTALLED BY POLE MANUFACTURER ON ALL POLES 20'-0" AND TALLER.
 5. THE EC SHALL COORDINATE SOIL CONDITIONS WITH THE CIVIL/SITE CONTRACTOR. IN CASES WHERE THE SOIL IS QUESTIONABLE, BASE DIAMETER AND DEPTH SHALL BE REVISED PER STRUCTURAL ENGINEER RECOMMENDATIONS.

POLE HEIGHT	BASE DEPTH	BASE DIAMETER	VERTICAL REBAR SIZE
10'-0"	4'-0"	1'-0"	#4
15'-0"	6'-0"	1'-6"	#5
20'-0"	8'-0"	2'-0"	#5
25'-0"	8'-0"	2'-0"	#5
30'-0"	12'-0"	2'-0"	#5
35'-0"	10'-0"	2'-6"	#6
40'-0"	10'-0"	2'-6"	#6

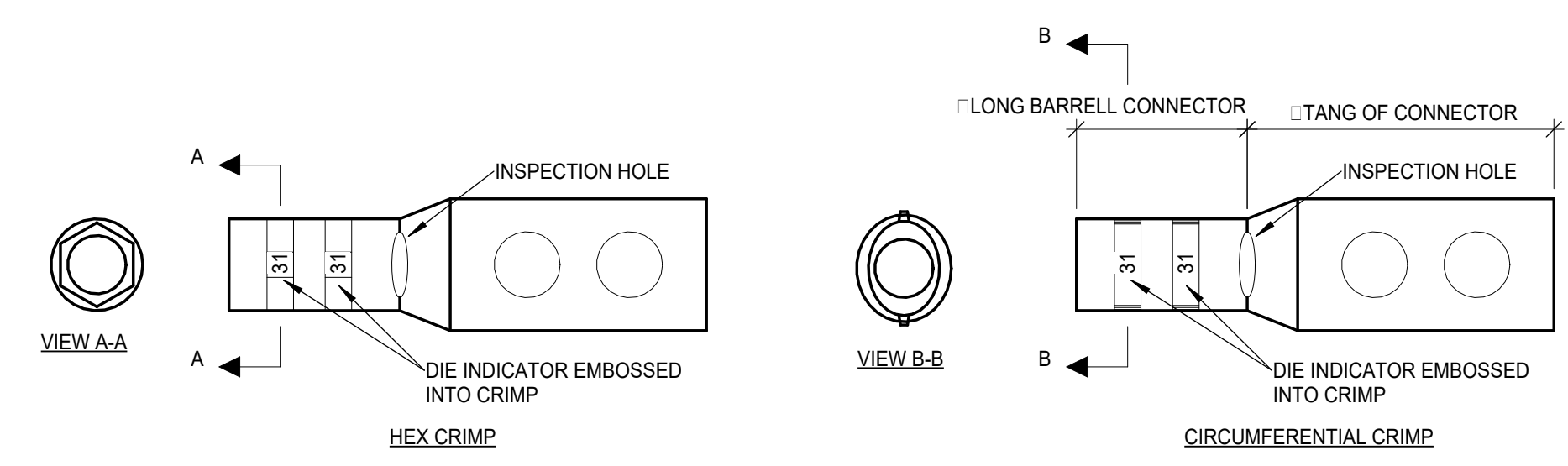
POLE LOCATION	BASE HEIGHT
PARKING LOTS	3'-0"

7 TYPICAL LIGHT POLE BASE DETAIL
SCALE: NONE



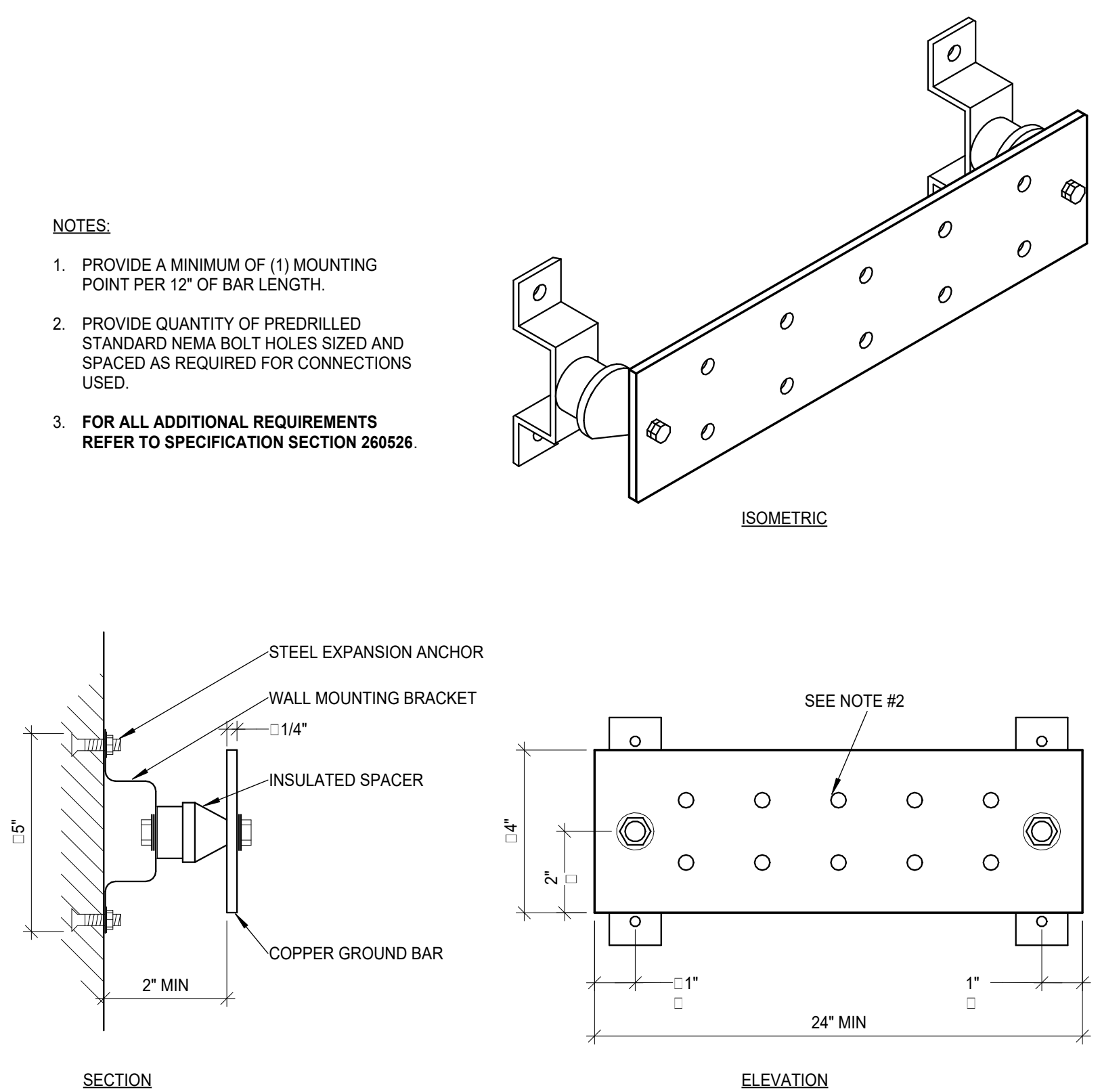
- NOTES:
1. REFER TO PLANS FOR QUANTITY AND SIZE(S) OF CONDUITS.
 2. MAINTAIN A MINIMUM SEPARATION OF 12" BETWEEN ELECTRICAL AND TECHNOLOGY RACEWAYS THROUGH ALL DIRECT BURY CONDUIT DUCT BANKS.

4 TYPICAL DIRECT BURY CONDUIT SECTION
SCALE: NONE



AFTER CRIMPING, ALL FLASHES, BURRS, OR SHARP EDGES RESULTING FROM THE CRIMPING PROCESS MUST BE REMOVED.

6 TWO HOLE CRIMP COPPER CONNECTION DETAIL
SCALE: NONE



5 MAIN ELECTRICAL GROUND BUS (MEGB) DETAIL
SCALE: NONE