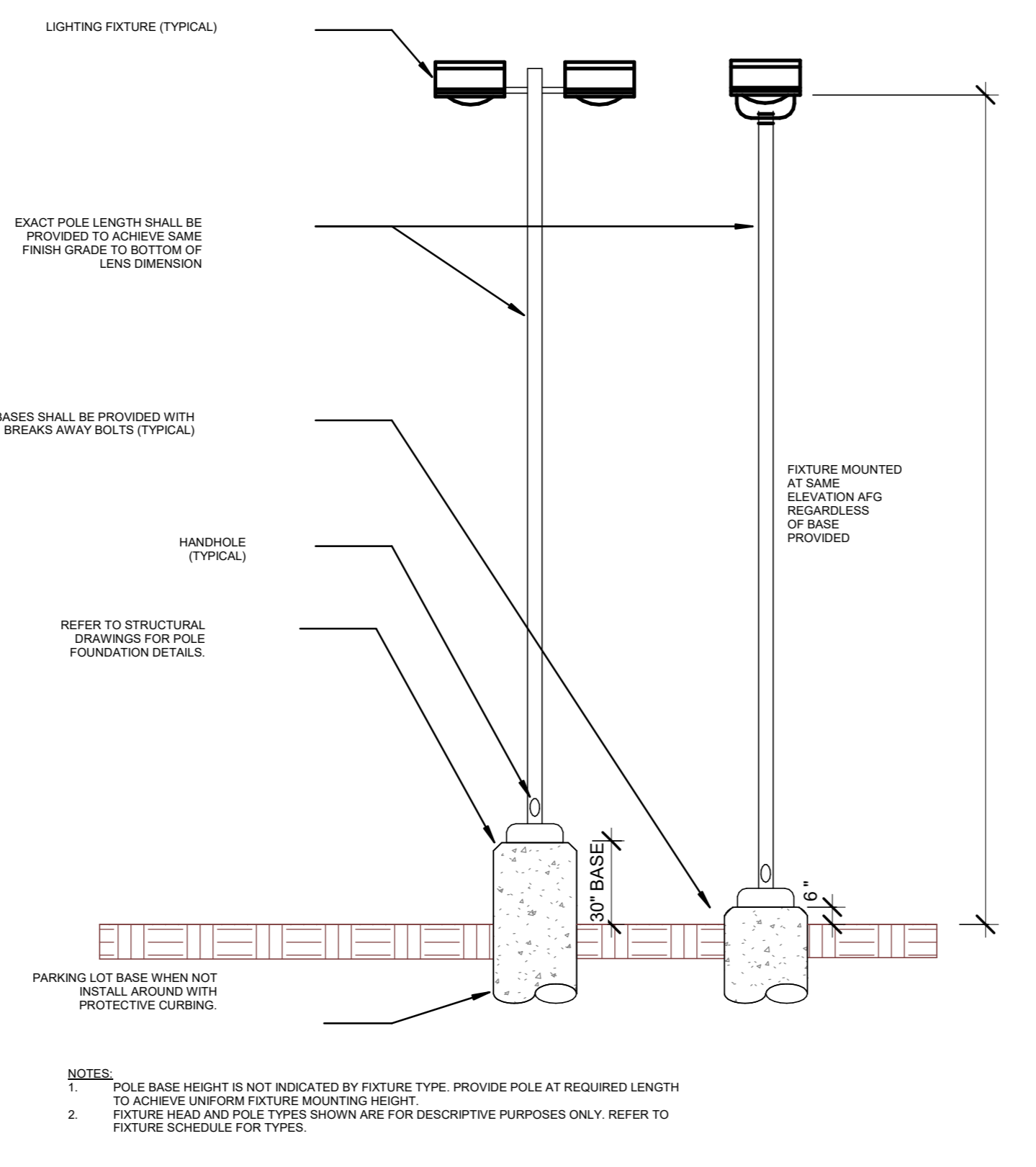
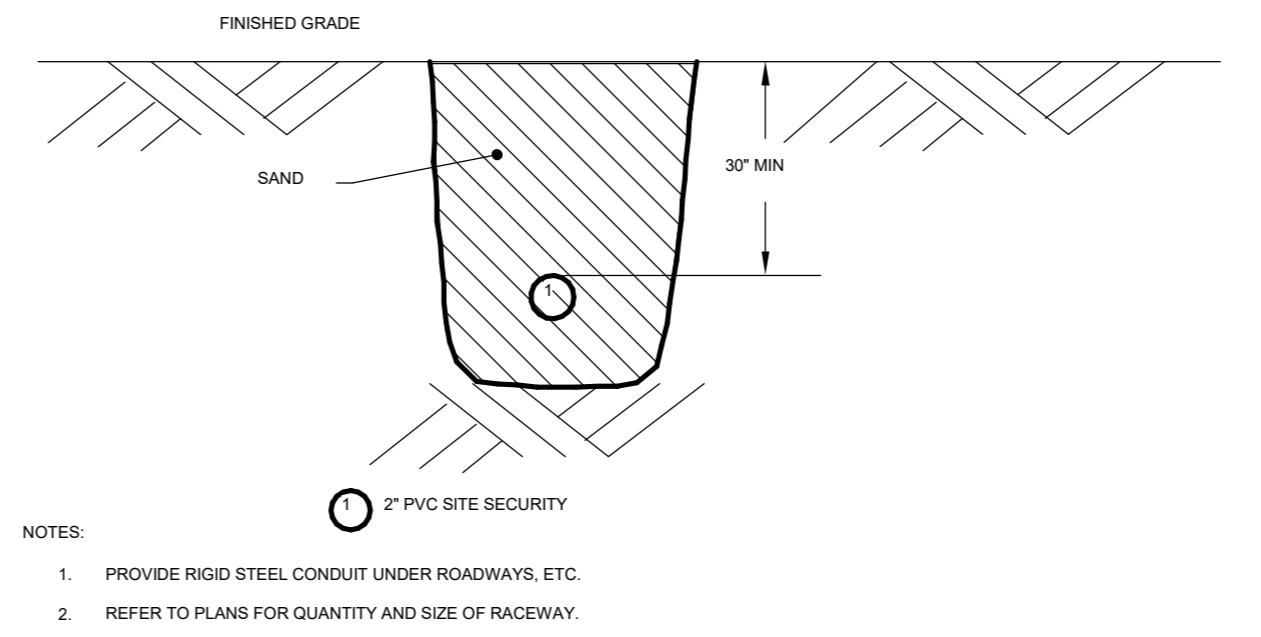


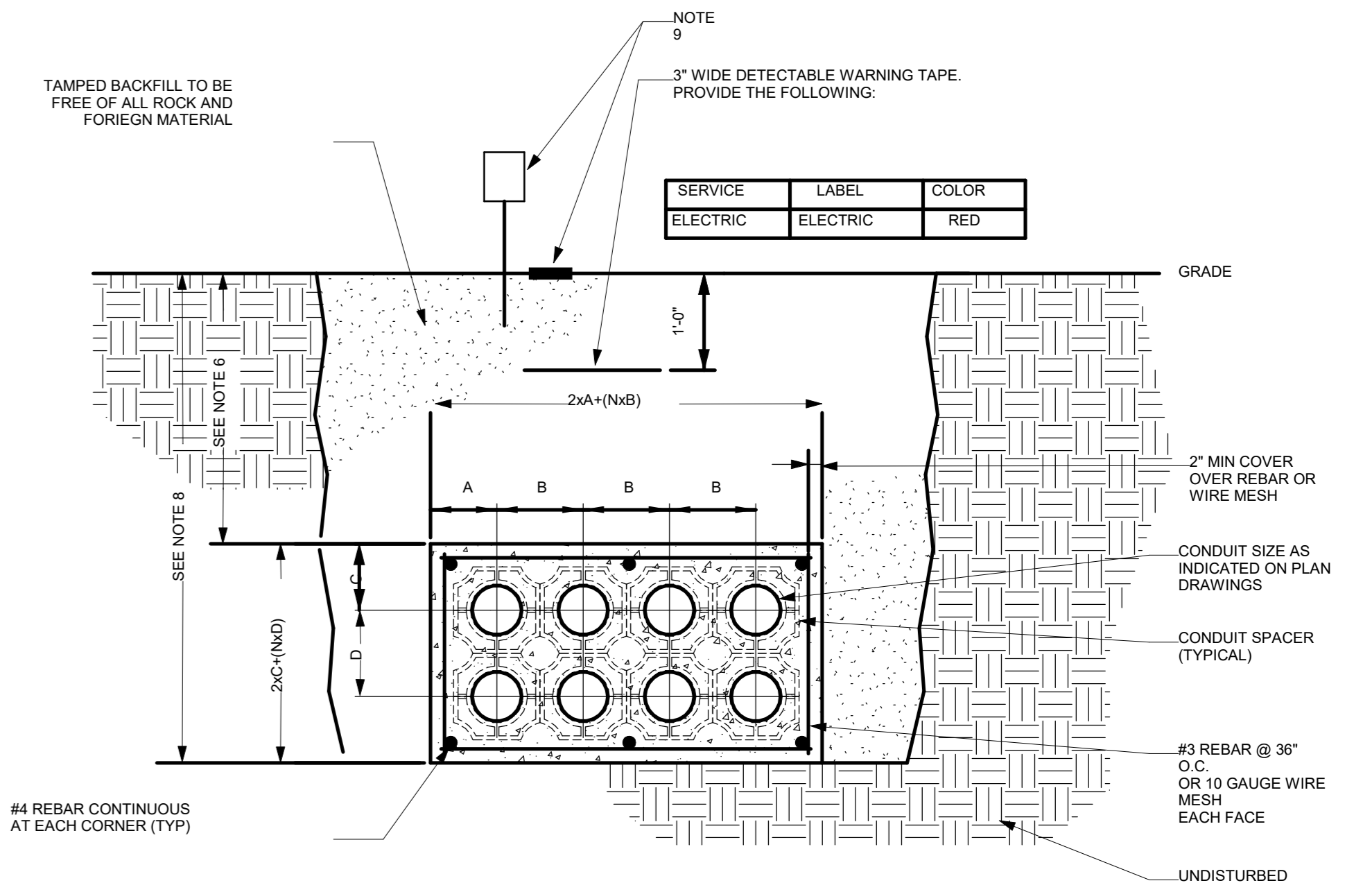
1
E-804 OUTDOOR LIGHTING CONTROLLER WITH MANUAL OVERRIDE



2
E-804 SITE LIGHTING FIXTURE MOUNTING HEIGHT DETAIL



3
E-804 TYPICAL DIRECT BURIED CONDUIT DETAIL FOR SITE LIGHTING OR SECURITY

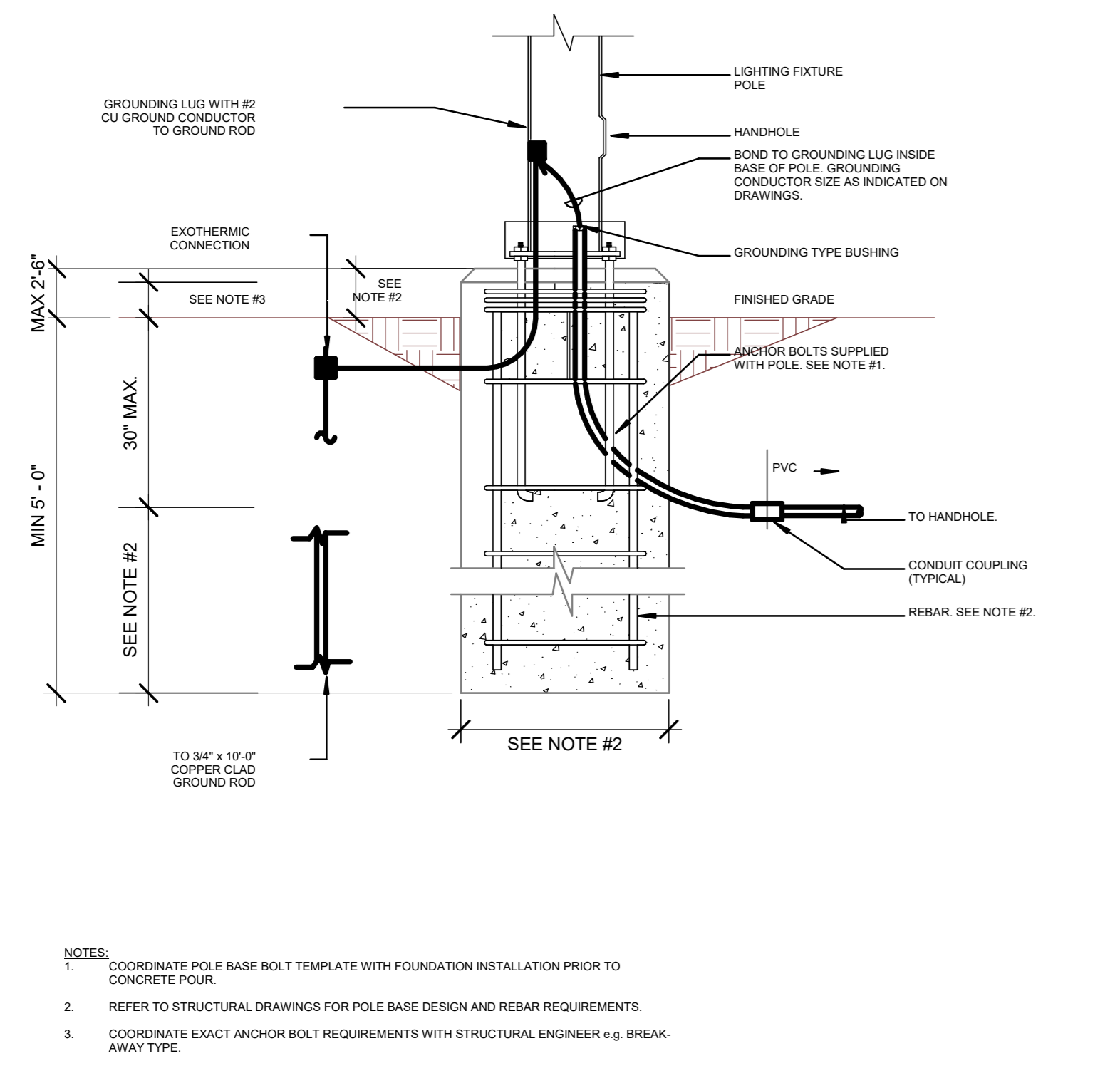


SIZE/SPACING TABLE

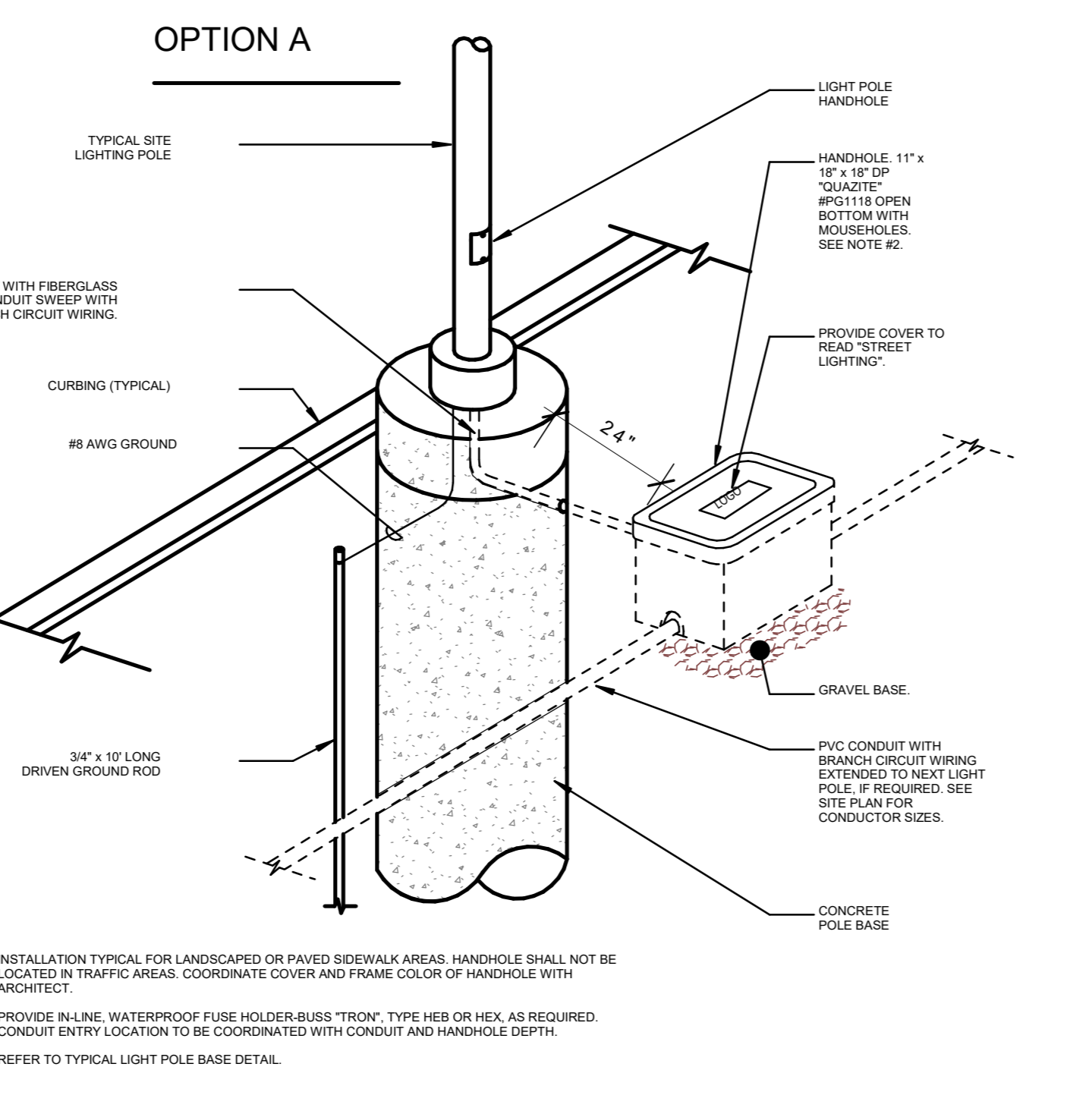
CONDUIT SIZE	A	B	C	D
1 1/2"	3.50"	4.50"	3.50"	4.50"
2"	5.00"	5.00"	5.00"	5.00"
3"	4.50"	6.50"	4.50"	6.50"
4"	5.00"	7.50"	5.00"	7.50"
5"	5.50"	8.50"	5.50"	8.50"
6"	6.00"	9.50"	6.00"	9.50"

* N = NUMBER OF SPACES BETWEEN CONDUIT CENTERLINES, NOT THE NUMBER OF CONDUITS.

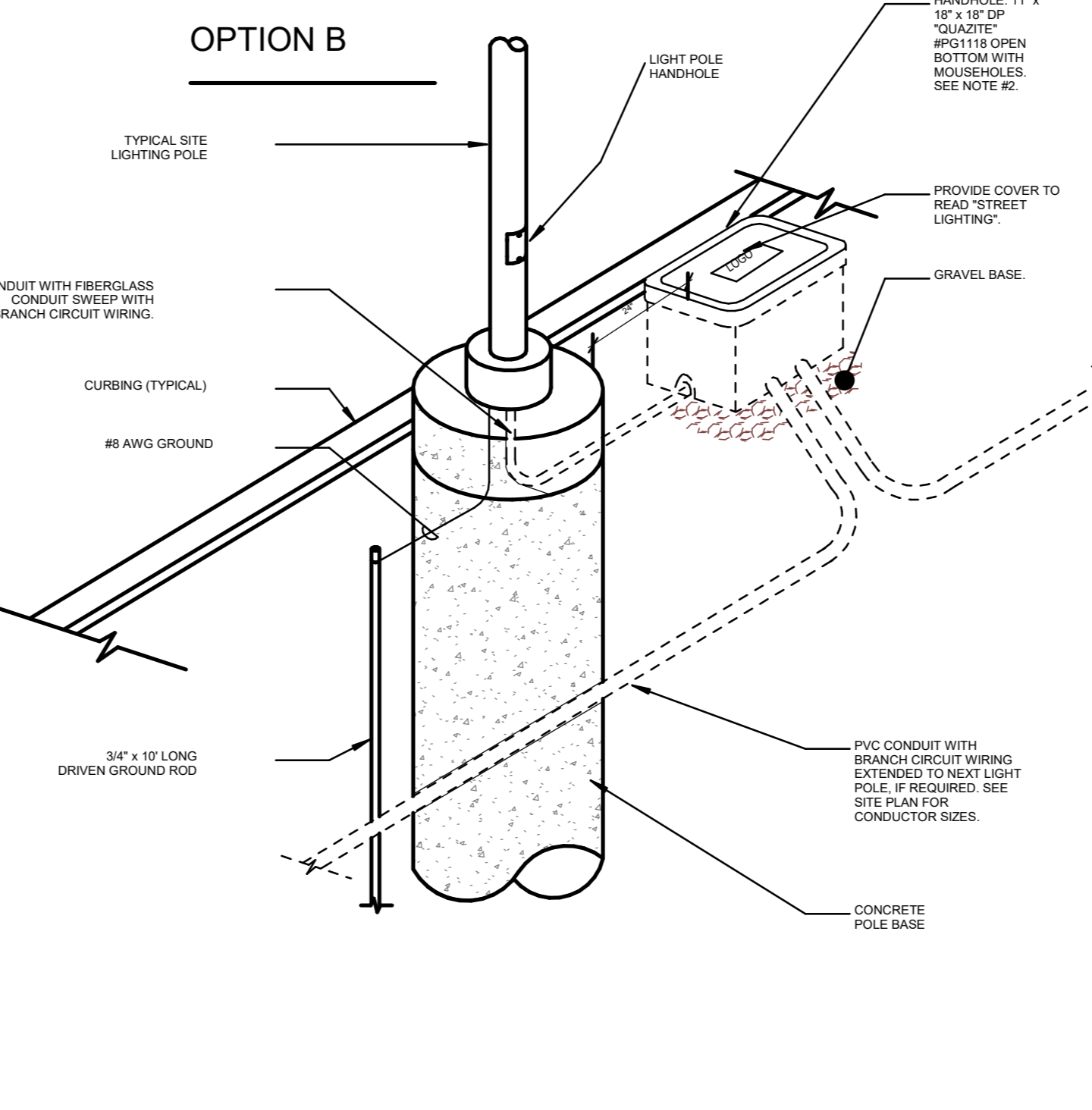
- NOTES:
1. PROVIDE DUCTBANK REINFORCING OR RIGID STEEL CONDUIT WHEREVER DUCTBANK CROSSES UNDER EXISTING AND FUTURE ROADWAYS, PARKING LOTS, WHERE LOCATED IN UNSTABLE SOIL WITHIN 5 FEET OF BUILDING FOUNDATIONS AND FOOTINGS, AND AS OTHERWISE INDICATED.
 2. WHERE REINFORCED CONCRETE DUCTBANK IS REQUIRED, PROVIDE REBAR IN EACH CORNER AND ADD AN ADDITIONAL REBAR CENTERED IN BETWEEN EACH ADDITIONAL PAIR OF CONDUITS (TYPICAL FOR EACH OF 4 SIDES).
 3. CONDUITS IN POWER AND CONTROL DUCTBANKS SHALL BE SCHEDULE 40 PVC.
 4. SEE TELECOM DRAWING 1-800 SERIES FOR TELECOM CONCRETE ENCASED DUCTBANK DETAILS.
 5. PROVIDE 4000PSI CONCRETE WITHIN 3" OF THE FOOTING EDGE FOR ALL DUCTBANKS THAT PASS BELOW A FOUNDATION WALL OR FOOTING.
 6. MINIMUM BURIAL DEPTH FOR POWER CONDUITS = 2'-0".
 7. MINIMUM BURIAL DEPTH FOR TELECOM CONDUITS = 4'-0". WHERE DUCTBANKS ARE ROUTED BENEATH A BUILDING SLAB, MINIMUM BURIAL DEPTH SHALL BE PER NEC ARTICLES 300.5 AND 300.6.
 8. PROVIDE RED CONCRETE DYE FOR ALL EXTERIOR POWER DUCTBANKS.
 9. BOTTOM OF DUCTBANK TO BE INSTALLED AT OR BELOW FROSTLINE.
 10. PROVIDE MARKERS ABOVE ALL CONDUITS, LOCATED WITHIN 5 FEET OF ACTUAL ROUTE AND WITH A MAXIMUM OF 300 FEET BETWEEN MARKERS. PROVIDE MARKERS ALONG BENCH AS REQUIRED TO FOLLOW CONDUIT PATH. MARKERS SHALL BE CLEARLY MARKED. PROVIDE ONE OF THE FOLLOWING DEPENDING ON INSTALLATION SURFACE: DIRT: BIRNO TRIVIEW 400 UTILITY MARKER OR APPROVED EQUAL. CONCRETE OR ASPHALT: APC CONCRETE GRAPHICS UTILITY MARKER OR APPROVED EQUAL.



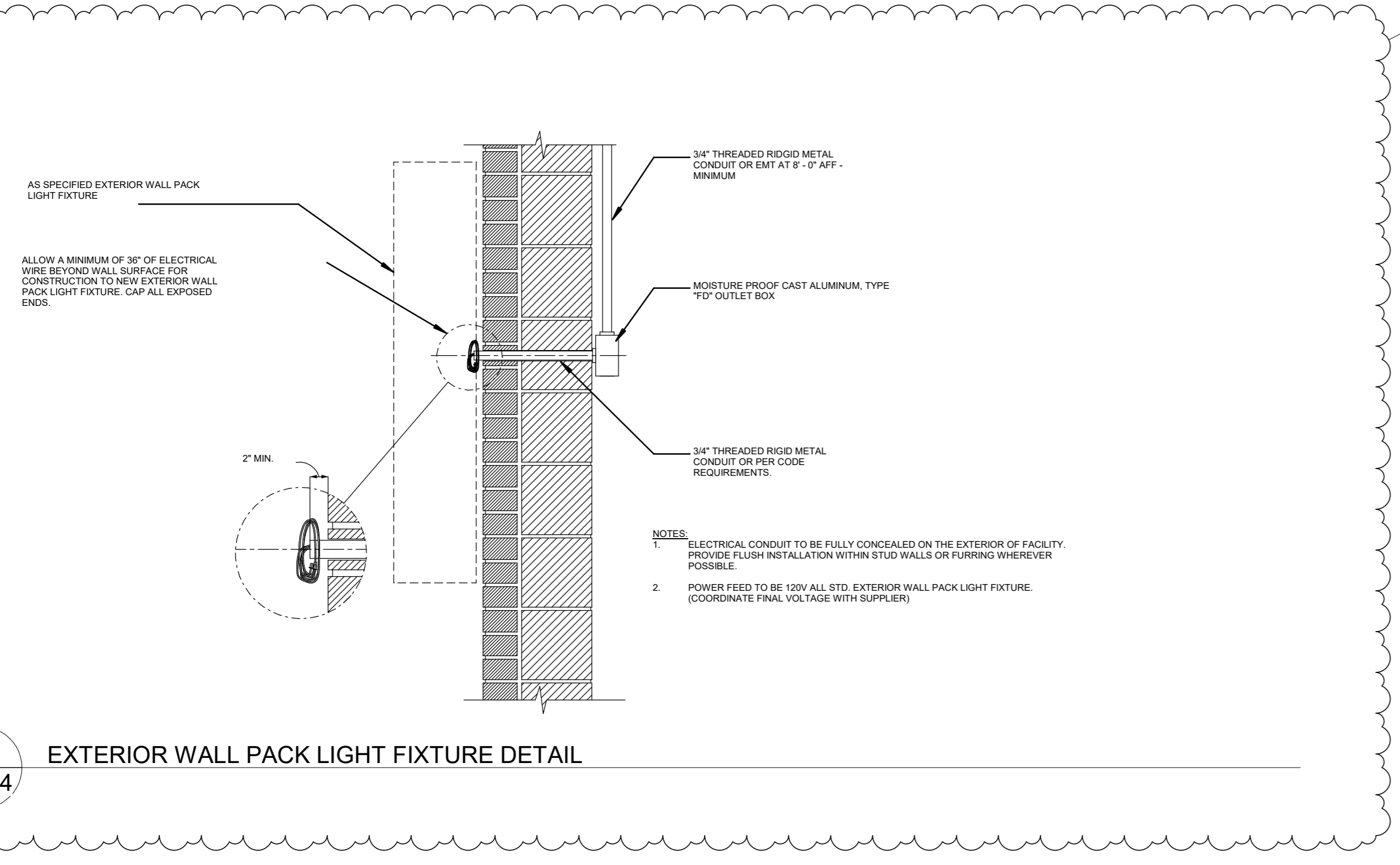
4
E-804 TYPICAL LIGHT POLE BASE DETAIL



5
E-804 UNDERGROUND HANDHOLE SERVING LIGHTING GROUND SECTION



6
E-804 CONCRETE ENCASED DUCTBANK



7
E-804 EXTERIOR WALL PACK LIGHT FIXTURE DETAIL

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