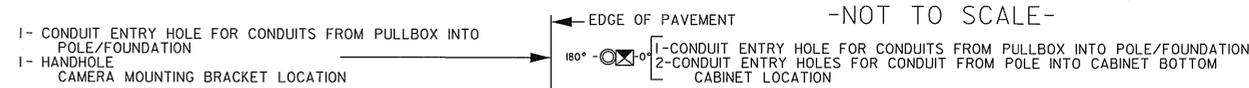
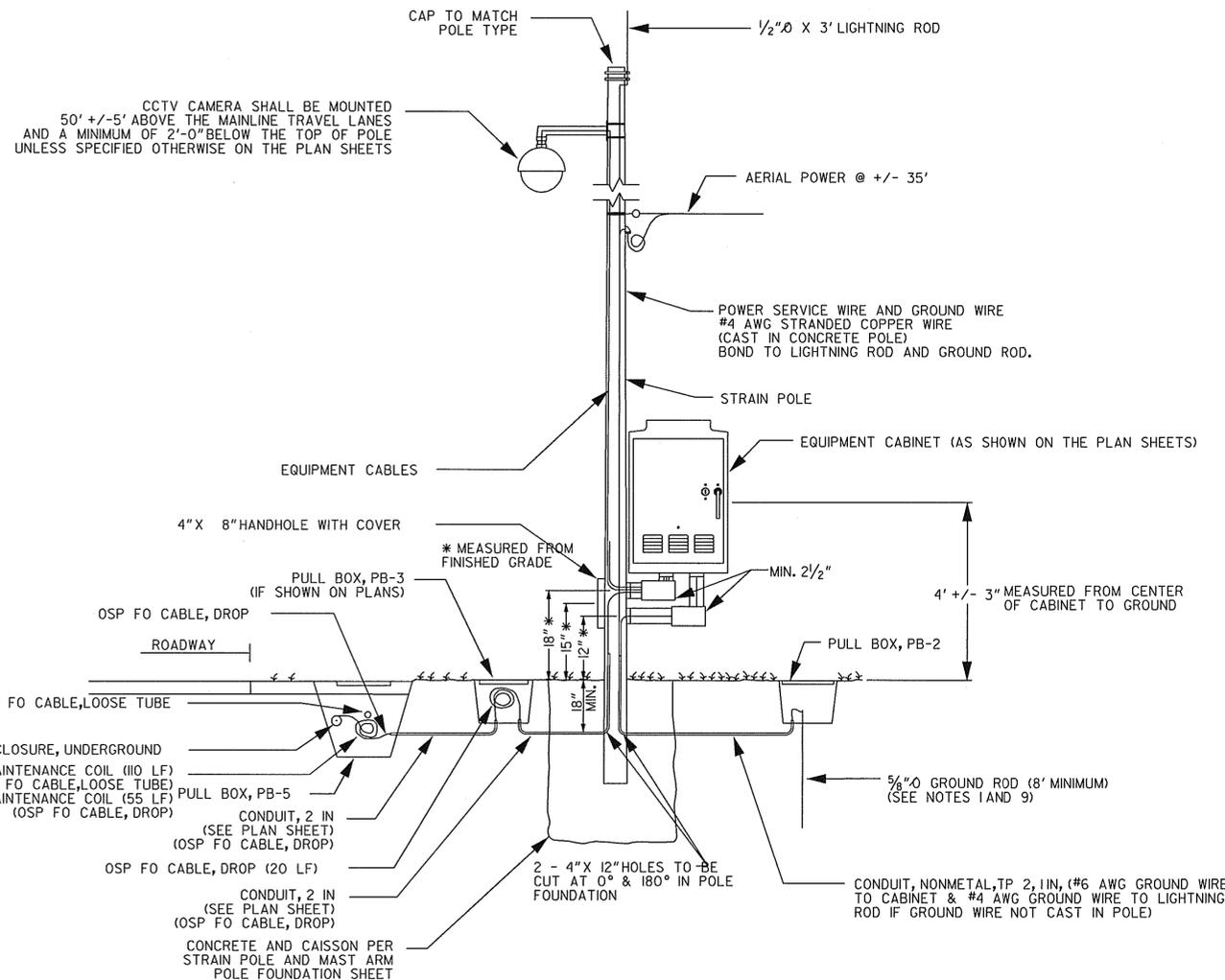


CCTV ASSEMBLY AND TYPICAL ERECTION DETAILS UNDERGROUND FIBER AND AERIAL POWER SERVICE



STRAIN POLE
 (PLAN VIEW)
 -NOT TO SCALE-



STRAIN POLE
 (ELEVATION VIEW)
 -NOT TO SCALE-

GENERAL NOTES

1. POLE GROUNDING AND LIGHTNING PROTECTION SHALL BE IN ACCORDANCE WITH SECTIONS 639, 647, AND 924 OF THE GEORGIA SPECIFICATIONS.
2. THE CABINET SHALL BE LOCATED ON THE SIDE OF POLE AS SHOWN ON THE PLAN SHEETS. IF CABINET LOCATION ON PLANS DIFFERS FROM LOCATION SHOWN ON THIS DETAIL, THE CONDUIT ENTRY HOLES (FOR CONDUITS FROM POLE TO CABINET) SHALL BE ROTATED SUCH THAT THESE HOLES ARE LOCATED DIRECTLY BENEATH THE CABINET. ADDITIONALLY THE HANDHOLE SHALL BE ROTATED SUCH THAT THE HANDHOLE IS LOCATED 180° FROM CONDUIT ENTRY HOLES.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL CCTV/MICROWAVE RADAR DETECTION ASSEMBLY EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE CONTRACT PLANS AND SECTION 936 AND 938 OF THE GEORGIA SPECIFICATIONS.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW SUPPORT/STRAIN POLES IN ACCORDANCE WITH SECTION 639 OF THE GEORGIA SPECIFICATIONS.
5. ALL CABLE ENTRANCES IN OR OUT OF POLE SHALL BE BY A WEATHERHEAD OR RIGID METALLIC CONDUIT BODY WITH A THREADED NIPPLE INSTALLED IN A THREADED COLLAR. THE THREADED COLLAR SHALL BE DESIGNED AND INSTALLED AT THE POINT OF POLE MANUFACTURE. FIELD DRILLING SHALL NOT BE PERMITTED.
6. CONDUITS SHALL BE INSTALLED IN THE FOUNDATIONS OF ALL NEW SUPPORT POLES, INCLUDING LOCATIONS SHOWN IN THE PLANS FOR AERIAL COMMUNICATIONS AND/OR ELECTRICAL POWER SERVICE. IN ADDITION TO THE CONDUITS SHOWN ON THE PLANS, THE CONTRACTOR SHALL INSTALL 2 - 2" AND 2 - 1" (CONDUIT, NONMETAL, TP 2). CONDUITS SHALL BE STUBBED AND CAPPED A MINIMUM OF 3' BEYOND THE NEW FOUNDATION. ONE 2" AND ONE 1" SHALL REMAIN EMPTY.
7. RISER CONDUIT BENDS, INCLUDING INTO THE BASE OF THE EQUIPMENT CABINET, SHALL BE MADE ONLY BY LR OR SIMILAR CONDUIT BODIES AND THREADED NIPPLES. STREET ELBOWS AND SWEEPS ARE NOT PERMITTED.
8. AERIAL CABLE ATTACHMENT POINTS AND DRIP LOOPS SHALL BE AT LEAST 12" FROM ANY DEVICE OR DEVICE BRACKETS.
9. GROUND ROD SHALL BE A MINIMUM OF 6" AND A MAXIMUM OF 10" ABOVE PULL BOX DRAINAGE GRAVEL.



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REVISION DATES

NO.	DATE	DESCRIPTION

GWINNETT COUNTY
 DEPARTMENT OF TRANSPORTATION
 SR13/US23 - BUFORD HIGHWAY ATMS/ITS

COMMUNICATION PLANS

DRAWING No.
 X - X