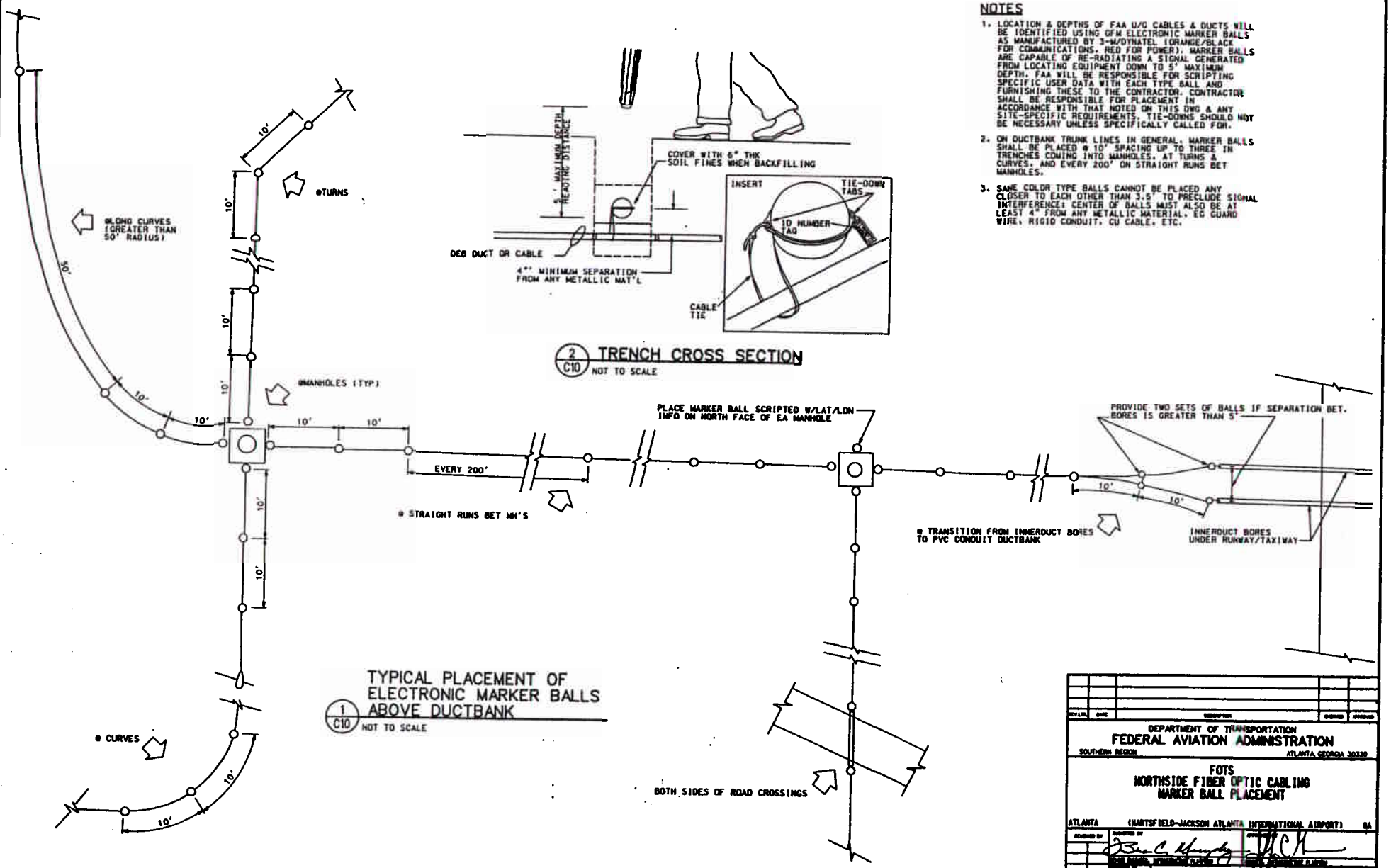
NOTES

1. LOCATION & DEPTHS OF FAA U/G CABLES & DUCTS WILL BE IDENTIFIED USING OFM ELECTRONIC MARKER BALLS AS MANUFACTURED BY 3-M/DYNATEL (ORANGE/BLACK FOR COMMUNICATIONS, RED FOR POWER). MARKER BALLS ARE CAPABLE OF RE-RADIATING A SIGNAL GENERATED FROM LOCATING EQUIPMENT DOWN TO 5' MAXIMUM DEPTH. FAA WILL BE RESPONSIBLE FOR SCRIPTING SPECIFIC USER DATA WITH EACH TYPE BALL AND FURNISHING THESE TO THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR PLACEMENT IN ACCORDANCE WITH THAT NOTED ON THIS DWG & ANY SITE-SPECIFIC REQUIREMENTS. TIE-DOWNS SHOULD NOT BE NECESSARY UNLESS SPECIFICALLY CALLED FOR.
2. ON DUCTBANK TRUNK LINES IN GENERAL, MARKER BALLS SHALL BE PLACED @ 10' SPACING UP TO THREE IN TRENCHES COMING INTO MANHOLES, AT TURNS & CURVES, AND EVERY 200' ON STRAIGHT RUNS BET MANHOLES.
3. SAME COLOR TYPE BALLS CANNOT BE PLACED ANY CLOSER TO EACH OTHER THAN 3.5' TO PRECLUDE SIGNAL INTERFERENCE; CENTER OF BALLS MUST ALSO BE AT LEAST 4" FROM ANY METALLIC MATERIAL, EG GUARD WIRE, RIGID CONDUIT, CU CABLE, ETC.



TYPICAL PLACEMENT OF ELECTRONIC MARKER BALLS ABOVE DUCTBANK

1 / C10 NOT TO SCALE

2 / C10 TRENCH CROSS SECTION

NOT TO SCALE

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
SOUTHERN REGION — ATLANTA, GEORGIA 30320

FOTS
NORTHSIDE FIBER OPTIC CABLING
MARKER BALL PLACEMENT

ATLANTA (HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT) GA

ATLANTA NAS IMPLEMENTATION CENTER

SO-0-103648-C10