## BASE MOUNTED CONTROLLER CABINET FOUNDATION DETAILS (FOR TYPE 332, 352; CONTROLLER CABINETS) TOP VIEW GROUND ROD\_ -2" (MIN. SIZE) CONDUIT FOR POWER 3" COMM. CONDUIT -TO ITS GROUND BOX 2" CONDUIT TO ELEC. GROUND BOX 24"-36" BACK DOOR FRONT DOOR OF CABINET OF CABINET CONNECT COPPER CONDUCTOR TO GROUND ROD WITH A 16MM GROUND ROD CLAMP UL-LISTED FOR THIS PURPOSE -Ò-BACK APRON OF CAE /<del>PA</del>NEL APR( OF CONCRETE A FRONT DOOR #6 STRANDED BARE COPPER GROUNDING CONDUCTOR CENTER OF CONDUIT OF CONDUIT INSTALL WATERTIGHT SEALING COMPOUND INSTALL CABINET AROUND BASE BASE EXTENSION OF CABINET 4" CONDUIT TO — ANCHOR BOLT (TYP.) ELEC. GROUND BOX CONCRETE WORK CONCRETE APRON WORK CONCRETE APRON FOR **APRON** BATTERY BACKUP SYSTEM 3" COMM. CONDUIT TO ITS GROUND BOX--5/8" Ø 8'-0" COPPER CLAD STEEL 4" CONDUIT TO ELEC. GROUND BOX-GROUND ROD TYP. GROUND ROD PROJECTED 2" CONDUIT TO ELEC. GROUND BOX 4" ABOVE FOUNDATION "\_Ø ANCHOR BOLTS CONDUIT 18" IN LENGTH (COMPLETE WITH NUTS AND WASHERS) -FOUNDATION -GROUND ROD NOTES: 30 1) ALL CONCRETE SHALL BE EITHER CLASS A OR CLASS C SIDE VIEW AS DEFINED IN THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS' "STANDARD SPECIFICATIONS FOR PUBLIC CONDUIT WORKS CONSTRUCTION" ITEM 7.4.5 2) ADDITIONAL GROUND RODS MAY BE NEEDED TO ACHIEVE CITY OF DALLAS 24" LÉSS THAN 5 OHMS RESISTANCE TO GROUND. 3) THE FRONT SIDE OF THE TRAFFIC SIGNAL CONTROLLER DEPARTMENT OF TRANSPORTATION CABINET SHALL BE ORIENTED SUCH THAT THE INTERSECTION MAY BE SEEN WHEN VIEWING THE CONTROLLER FRONT PANEL. CITY OF DALLAS 4) IF THE PLANS TO NOT INDICATE SPACING OF THE CÁBINET FROM THE CURB, PROVIDE FOR A 48" MINIMUM TRAFFIC SIGNAL CONSTRUCTION CLEARANCE FROM CURB. DESIGN SPECIFICATIONS 30" 5) LOCATION OF THE CONCRETE APRON FOR THE BATTERY BACKUP SYSTEM MAY NEED TO BE ADJUSTED BASED ON CLEARANCE FROM THE CURB AND AVAILABLE RIGHT—OF—WAY.

SHEET NO.

1/1

VERSION

1.5.1

DRAWN

ACC

DESIGN

SRV

DATE

2/24/2025 | AS NOTED

SCALE

FRONT VIFW