



NOTE:  
1. ANCHOR BOLT SPACING PROVIDED BY MANUFACTURER.

GROUND ROD 3/4"x120" COPPER-CLAD WITH GROUND CLAMP. A SECOND GROUND SHALL BE INSTALLED A MINIMUM OF 8' AWAY IN A GROUND ROD HANDHOLE AS PER CITY OF SEATTLE STANDARD PLAN NO 550b. COORDINATE WITH ELECTRICAL INSPECTOR FOR LOCATION. INSTALL 3/4" GRS CONDUIT WITH #6 GROUND WIRE BETWEEN CABINET FOUNDATION AND GROUND ROD HANDHOLE.

**ELECTRICAL CONDUIT STUB-UP**  
DETAIL 1  
SCALE: NONE

**CONSTRUCTION NOTES**

**ELECTRICAL CONDUIT**

- INSTALLATIONS SHALL CONFORM TO ALL APPLICABLE CODES AND THE KING COUNTY ELECTRICAL SPECIFICATIONS.
- ALL NEW CONDUIT INSTALLED UNDERGROUND SHALL HAVE A MINIMUM COVER OF 24 INCHES.
- PLACE 6" WIDE WARNING TAPE 12 INCHES BELOW GRADE OVER ALL CONDUIT RUNS. TAPE SHALL BE MAGNATEC®, OR PRODUCT EQUIVALENT IN MATERIAL TYPE, SIZE, STYLE AND DURABILITY, SUITABLE FOR THIS SPECIFIED APPLICATION.
- STUB UP CONDUIT IN LOCATIONS INDICATED BY PLAN. CONFIGURE AS DESCRIBED BY **DETAIL 1/-**. INSTALL COUPLING AND THREADED PLUG. SET PVC CAP 1/4-INCH BELOW FINISH GRADE DESIGN OF FOUNDATION AT STUB-UP POINTS. FILL CAP CAVITY WITH FOAM AND COMPLY WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS FOR DRYING TIME PRIOR TO POURING CONCRETE.
- EPOXY ALL CONDUIT JOINTS TO ENSURE WATER CANNOT ENTER THE CONDUIT THROUGH THE CONNECTION. DO NOT EPOXY THE REMOVABLE PLUG.
- COORDINATE THE REQUIREMENTS OF THIS WORK WITH THE RELATED WORK OF OTHER TRADES, INCLUDING CONCRETE FORMING AND POURING.
- THE CONTRACTOR SHALL PLACE A GROUNDING ROD IN EACH HANDHOLE IN ACCORDANCE WITH NEC 250.53 (G) AND 250.66 (A) AND INSTALL A BELL END OR BONDING BUSHING ON THE CONDUIT. THE CONTRACTOR SHALL BOND ALL METAL PARTS OF THE HANDHOLE TO THE GROUND ROD, PROVIDE SUFFICIENT SLACK IN GROUNDING THE LID TO ALLOW REMOVAL.
- SERVICE ENTRANCE CONDUIT SHALL BE 2 INCHES OR SMALLER, AS REQUIRED BY SERVICE CONDUCTORS.
- ALL ELBOWS GRC MUST BE WRAPPED WITH 2 LAYERS OF ANTI-CORROSION TAPE OR PAINTED. ALL PVC MUST BE SCHEDULE 80 PVC.
- SHELTER WIRE SHALL BE #12 BLACK, WHITE, GREEN. ALL WIRES ARE NOT ALLOWED TO BE SPLICED. GROUNDING SHALL BE BONDED TO REBAR, SHELTERS, AND POLES.

**POWER PEDESTAL FOUNDATION**  
DETAIL 3  
SCALE: NONE

KCMT 2021-2022 STANDARD DETAILS				
No.	REVISION	BY	APP'D	DATE



DESIGNED: S. ANOD	APPROVED: P. ENG
DRAWN:	
S. DO	PROJECT NO.:
CHECKED:	
CHECKED: C. REYNOLDS	CONTRACT NO.:



METRO TRANSIT CAPITAL DIVISION TRANSIT PASSENGER FACILITIES - IMPROVEMENTS		DATE: 12/2021
HANDHOLE CONDUIT DETAILS STANDARD SHELTER		DRAWING NO: D112
		SHEET NO. OF 20 20

I:\DOT\kingcounty\dot\transit\DCAD\_Facilities\Projects\passenger\_facilities\standard\_details\passenger\_facilities\standard\_details\112.dwg | Layout: D112  
 PLOT: Tue May 19 2022 10:03:59pm By: dbermeil  
 XREFS: C:\BZZACK\RC & D\ELECTRICAL\KCMFD-BORDER-ELEC.dwg; KCMFD-BORDER-ELEC.dwg