



- CONSTRUCTION NOTES** ○
- UNLESS OTHERWISE STATED ON SITE PLANS, TECH PYLON FOOTING AND CURB (STEM WALL) SHALL BE POURED MONOLITHICALLY, SEE SECTION B. FOOTING SHALL BE FLUSH WITH ADJACENT SIDEWALK OR SITE IMPROVEMENT. STEM WALL (CURB) SHALL BE LEVEL.
 - IF STEM WALL (CURB) IS CONSTRUCTED SEPARATELY FROM THE FOOTING, ROUGHEN THE FOOTING SURFACE OVER THE AREA OF CONTACT WITH THE WALL, CLEAN IT THOROUGHLY AND COAT IT WITH AN EPOXY BONDING AGENT PRIOR TO PLACING THE CONCRETE FOR THE STEM WALL.
 - ALL NEW CONDUIT INSTALLED UNDERGROUND SHALL HAVE A MINIMUM COVER OF 24 INCHES.
 - PLACE 6 INCH WIDE MAGNETEK WARNING TAPE, OR APPROVED EQUAL, 12 INCHES BELOW GRADE OVER ALL CONDUIT RUNS.
 - STUB UP THE CONDUIT AS INDICATED WITH A COUPLING INSTALLED ON THE STUBBED UP END WITH THE TOP OF THE COUPLING FLUSH WITH FINISHED SURFACE. A THREADED MALE PLUG SHALL BE INSTALLED IN THE TOP OF THE COUPLING AT THE TIME OF THE FOOTING/STEM WALL PLACEMENT. WRAP PLUG, COUPLING AND TOP 2 INCHES OF CONDUIT WITH DUCT TAPE PRIOR TO POURING CONCRETE.
 - EPOXY ALL JOINTS TO ENSURE WATER CANNOT ENTER THE CONDUIT THROUGH THE CONNECTION. DO NOT EPOXY THE PLUG.
 - 1" φ GALVANIZED A36 THREADED ROD. 24" LONG WITH 3" ABOVE FINISHED GRADE OF STEM WALL. USE TEMPLATE TO ENSURE ANCHORING RODS ARE SET PRECISELY AND PLUMB. IF STEM WALL IS CONSTRUCTED SEPARATELY FROM PYLON FOUNDATION, DRILL 1 1/8" HOLE (8 TYP). SECURE IN PLACE WITH NON-SHRINK EPOXY 1" φ S.S. THREADED ROD (TYP) OR 1" φ F1554 GR 36 ANCHOR ROD. MIN. EMBED INTO UNDERLYING FOUNDATION AT LEAST 1'-3".
 - SECURE TWO TRAFFIC CONES ON STEM WALL TO PREVENT TRIPPING HAZARD. FASTEN EACH CONE WITH TWO WASHERS AND NUTS ON ANCHOR RODS UNTIL PYLON IS INSTALLED BY OTHERS.
 - JOINT PER DET 3/D101 TO ISOLATE EDGES FROM PAVEMENT, SIDEWALKS, OR OTHER STRUCTURES.

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



DESIGNED: K. CHANG YUEN	APPROVED: P. ENG
DRAWN: L. ANDERSON	PROJECT NO.:
CHECKED: K. CHANG YUEN	CONTRACT NO.:
CHECKED: C. ASQUITH	



METRO TRANSIT CAPITAL DIVISION TRANSIT PASSENGER FACILITIES - IMPROVEMENTS	DATE: 05/2022
RAPIDRIDE TECH PYLON AND BLADE MARKER FOOTING AND FOUNDATION DETAILS AND SECTIONS	DRAWING NO: D102
	SHEET NO. OF 8 20

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