CONDUIT FITTING - TYPE DX FOR DEFLECTION OF 30° AND ¾" MOVEMENT.

1" TIES ~ SPACE @ 2½" MAX.

PLAN

CONDUITS & J-BOX IN PEDESTRIAN BARRIER

ELEVATION

CONDUITS & J-BOX IN PEDESTRIAN BARRIER

NOTES:

1. WHERE CONDUIT IN A STRUCTURE IS ROUTED ACROSS A JOINT, WRAP STEEL CONDUIT PIPE FOR 1'-0" ON EACH SIDE OF JOINT. PIPE WRAP TAPE SHALL BE 2" WIDE, 20 MIL THICK, AND INSTALLED WITH A MINIMUM OF 1" OVERLAP.

2. PLACE AT CONDUIT PIPE EXIT FROM STRUCTURE AND SHALL BE IN NEUTRAL STATE AFTER INSTALLATION.

3. CONDUIT PLACES PLACED THROUGH RETAINING WALL PEDESTRIAN BARRIER SHALL BE FITTED WITH DEFLECTION FITTINGS AT A MAXIMUM SPACING OF 120'. THE DEFLECTION FITTINGS SHALL BE PLACED AT THE PEDESTRIAN BARRIER OPEN JOINT THAT COINCIDES WITH THE RETAINING WALL EXPANSION JOINT.

4. LABEL JUNCTION BOX COVER IN ACCORDANCE WITH STANDARD SPECIFICATION SECTION 9-29.2(4). ADJACENT JUNCTION BOXES ARE SHOWN CENTERED BETWEEN ADJACENT DUMMY JOINTS. IF THE DISTANCE BETWEEN ADJACENT DUMMY JOINTS IS 16'-0" OR GREATER, PLACE ADJACENT JUNCTION BOXES SYMMETRICALLY ON EITHER SIDE OF THE CENTER OF ONE DUMMY PANEL WHILE MAINTAINING 8'-0" MINIMUM BETWEEN CENTER LINES OF THE JUNCTION BOXES.

5. TERMINATE STEEL CONDUIT IN JUNCTION BOX IF LESS THAN 10'-0" FROM ELBOW OR SWEEP.

6. INSTALL ONLY WHERE CONDUIT IS HORIZONTAL.

7. NEMA 4X IN STATIONARY FORM BARRIER, OR NEMA 3R IN SLIP FORM BARRIER. MOUNT JUNCTION BOX COVER IS FLUSH WITH BARRIER, CAN BE RECESSED UP TO Â".

8. CONDUIT EXPANSION FITTING - (TYPE AS FOR MOVEMENT OF ± 2") AT BRIDGE EXPANSION JOINTS.

9. WHERE CONDUIT IN A STRUCTURE IS ROUTED ACROSS A JOINT, WRAP STEEL CONDUIT PIPE FOR 1'-0" ON EACH SIDE OF JOINT. PIPE WRAP TAPE SHALL BE 2" WIDE, 20 MIL THICK, AND INSTALLED WITH A MINIMUM OF 1" OVERLAP.

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