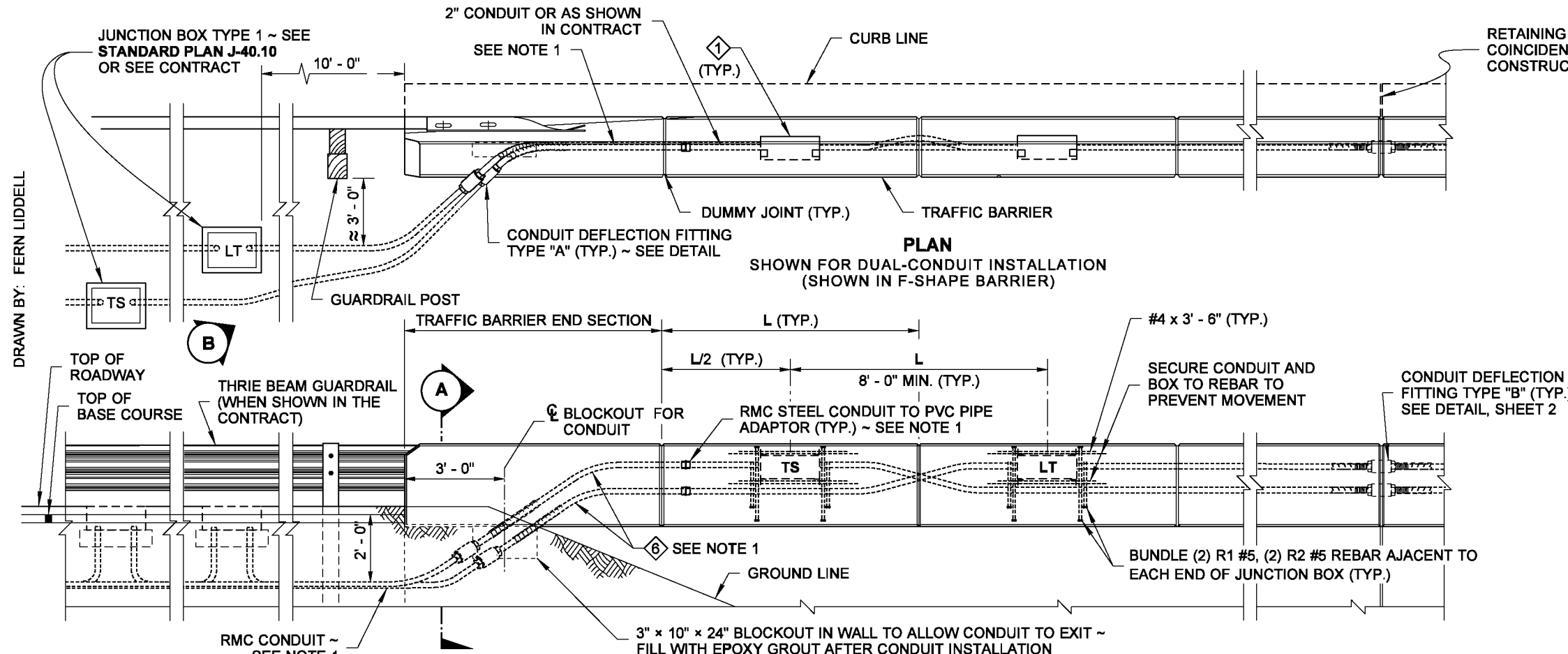


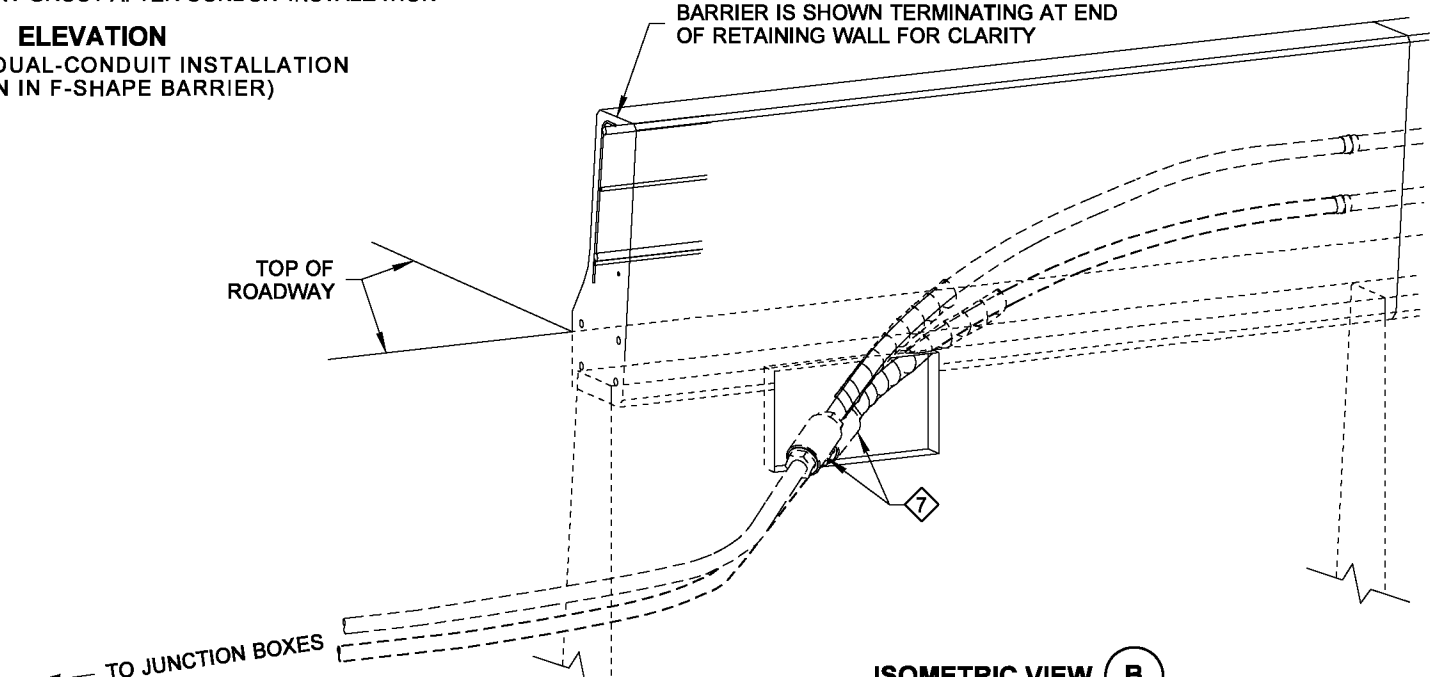
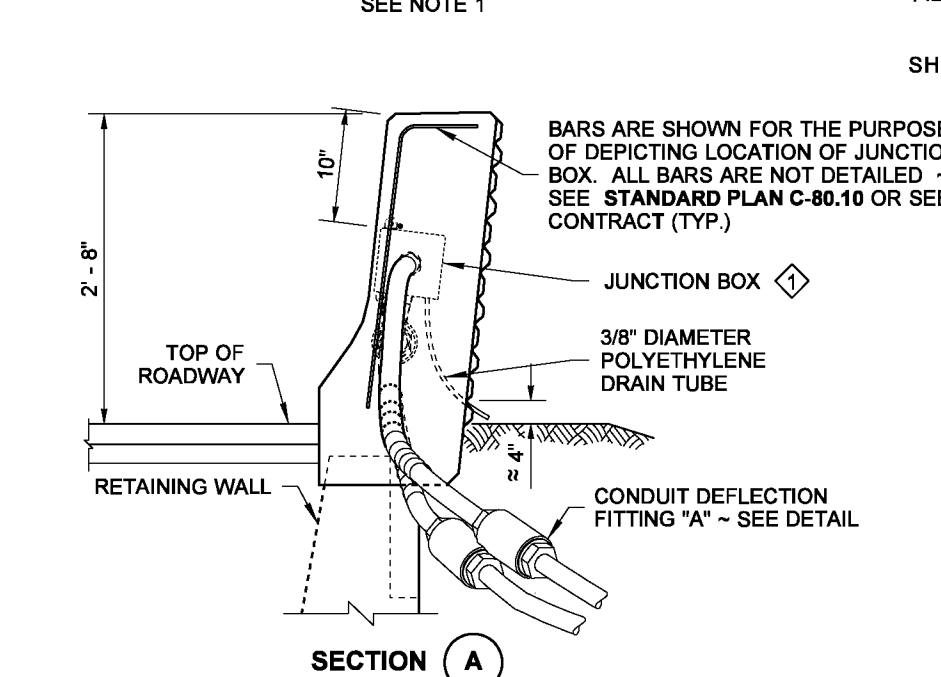
NOTES

1. Install Galvanized Steel Rigid Metal Conduit (RMC) between the Junction Box(es) Type 1 and the DX fitting(s) "A". RMC conduit shall also be used from the DX fitting(s) "A" to the PVC adaptor in the barrier.
PVC Conduit may be used only in stationary-form barriers. Connect to RMC using a PVC adaptor.
RMC Conduit may be used in stationary-form barriers, but it shall be used in slip-form barriers.
2. See **Standard Plan D-15.10** for additional information on F-Shape barrier, or see **Standard Plan D-15.20** for Single-Slope Barrier.
3. Pipe wrap tape shall be 2" wide, 20 ml thick, and installed with 1" minimum overlap.



KEY NOTES

- 1 Junction Box (mount box so cover is flush with the barrier face with a 0" tolerance protruding beyond the barrier face and 1/8" recessed). Use NEMA 4X Junction Box with stationary-forms ~ See **Standard Plan J-40.36**. Use NEMA 3R Junction Box with slip-forms ~ See **Standard Plan J-40.37**.
- 2 Type DX Deflection (DX) Fitting with Internal Bonding Jumper.
- 3 Wrap Conduit Pipe from Conduit Deflection Fitting to 1' - 0" beyond (inside) barrier surface.
- 4 1' - 0" long, 3/4" thick expanded closed-cell foam sleeve around conduit and conduit fitting. After placing wire ties, duct tape seams and ends to seal and prevent concrete from bonding with fitting and conduit.
- 5 Where conduit in a structure is routed across a joint, wrap the conduit pipe for 1' - 0" on each side of the joint.
- 6 10' - 0" long section of RMC conduit.
- 7 Deflection Fitting shall be in neutral state after installation.

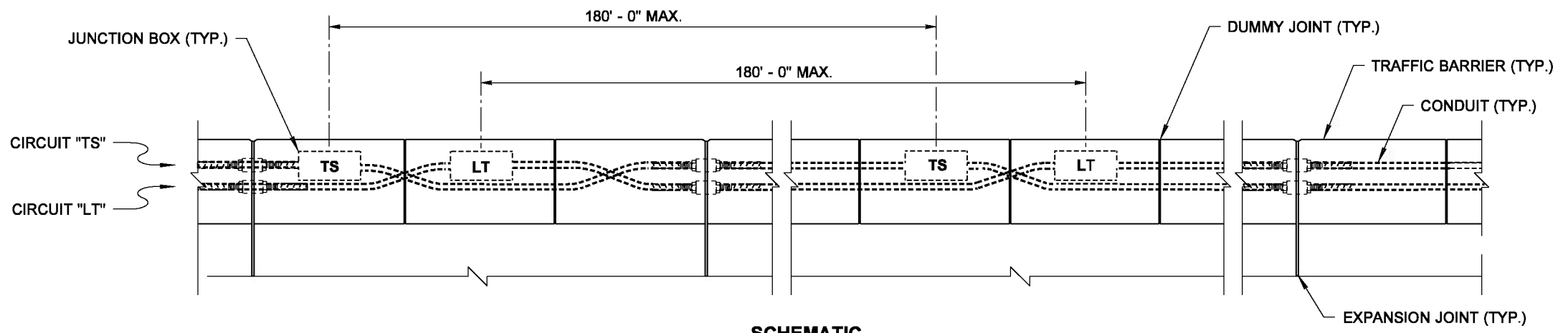


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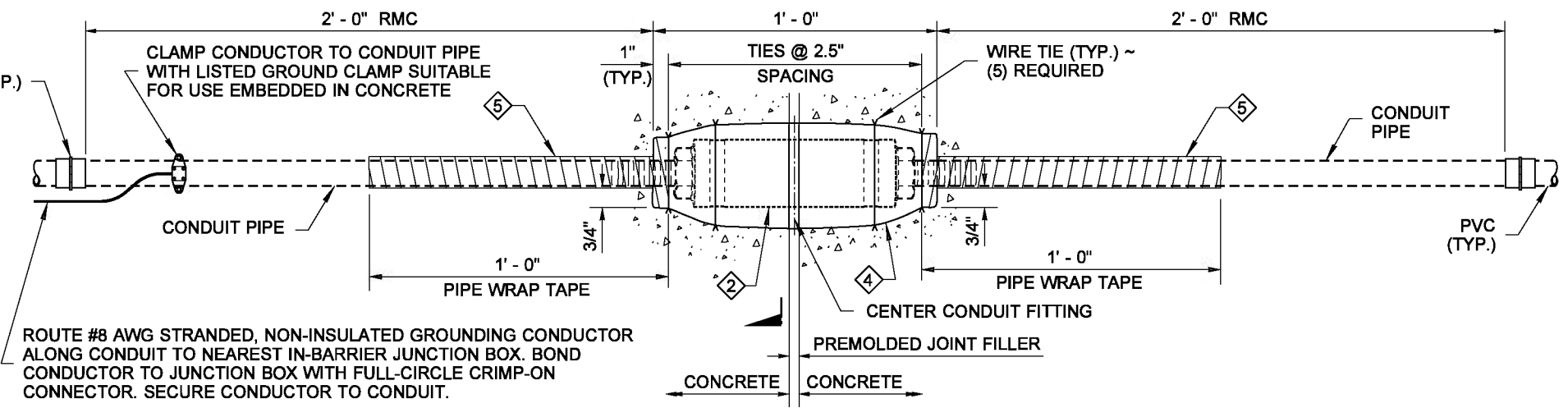
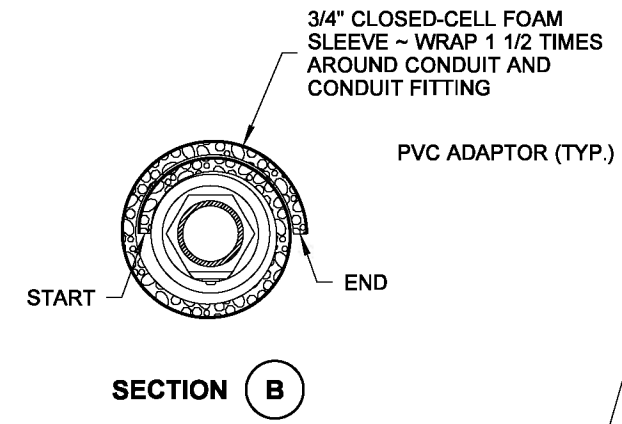
CONDUIT INSTALLATION IN TRAFFIC BARRIER ON RETAINING WALL
STANDARD PLAN J-60.11-00

SHEET 1 OF 2 SHEETS
APPROVED FOR PUBLICATION
Pasco Bakotich III 5/20/13
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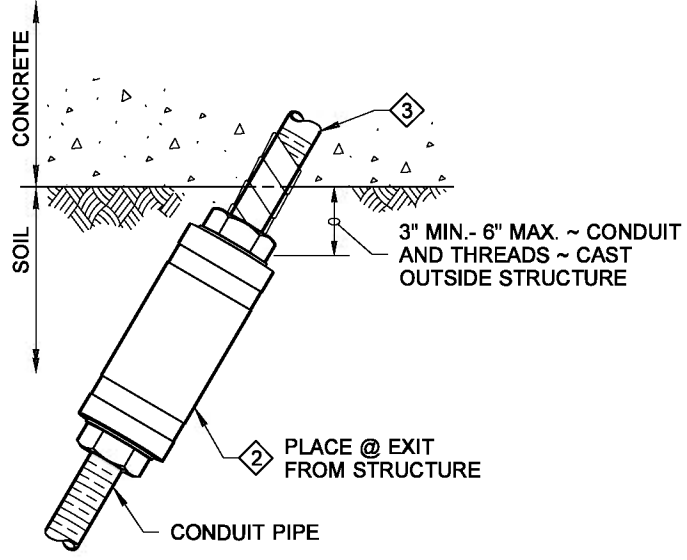
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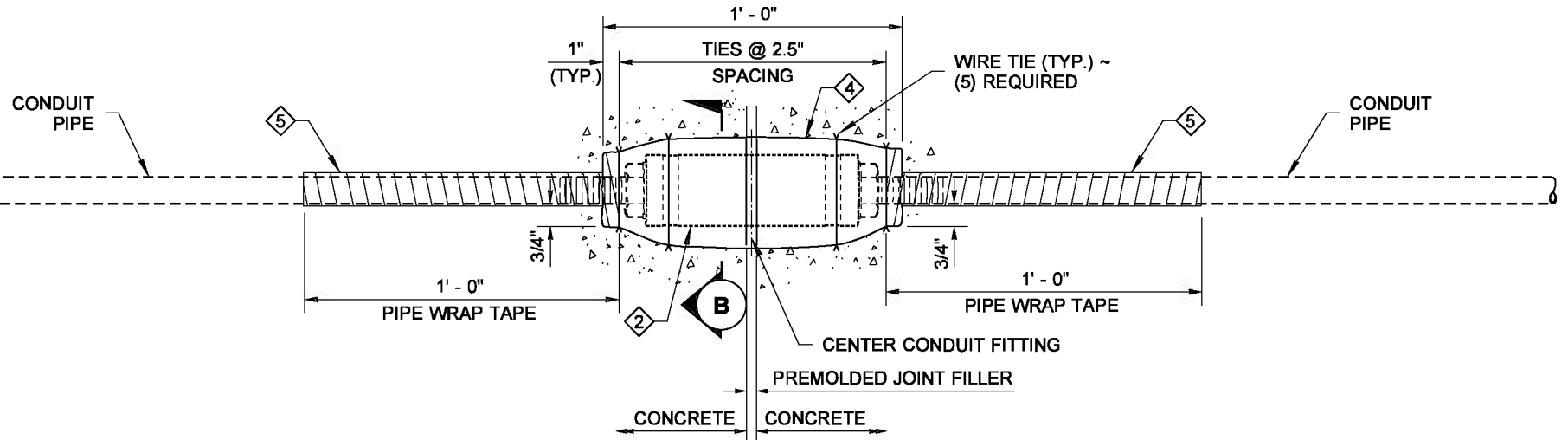
SCHEMATIC
SHOWN FOR DUAL-CONDUIT INSTALLATION
(CIRCUIT TYPES MAY VARY)



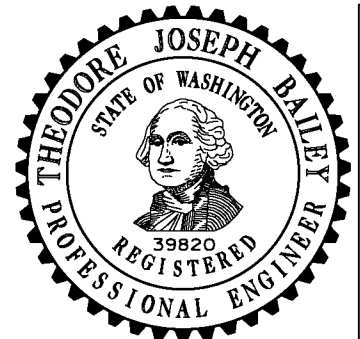
CONDUIT DEFLECTION FITTING "B" DETAIL
CONVERT RMC TO PVC IN STATIONARY-FORM BARRIER



CONDUIT DEFLECTION FITTING "A" DETAIL
CONDUIT FITTING - TYPE DX ~ PLACE AT CONDUIT PIPE
EXIT FROM STRUCTURE



CONDUIT DEFLECTION FITTING "B" DETAIL
CONDUIT FITTING - TYPE DX ~ FOR DEFLECTION OF 30° AND 3/4" MOVEMENT
CONDUIT FITTING - TYPE DX FOR DEFLECTION OF 30° AND 3/4" MOVEMENT. CONDUIT PIPES
PLACED THROUGH RETAINING WALL TRAFFIC BARRIER SHALL BE FITTED WITH
DEFLECTION FITTINGS AT MAXIMUM SPACING OF 120'. THE DEFLECTION
FITTINGS SHALL BE PLACED AT THE TRAFFIC BARRIER OPEN JOINT
THAT COINCIDES WITH THE RETAINING WALL STEM EXPANSION JOINT
NEAREST TO THE TRANSVERSE CONSTRUCTION JOINT IN THE WALL FOOTING.



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**CONDUIT INSTALLATION
IN TRAFFIC BARRIER
ON RETAINING WALL
STANDARD PLAN J-60.11-00**

SHEET 2 OF 2 SHEETS

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