

Option 1

0 30' 60' 120'
SCALE: 1" = 60" (HORIZ)

Proposed Headwall Modification

Existing Ditch

Headwall

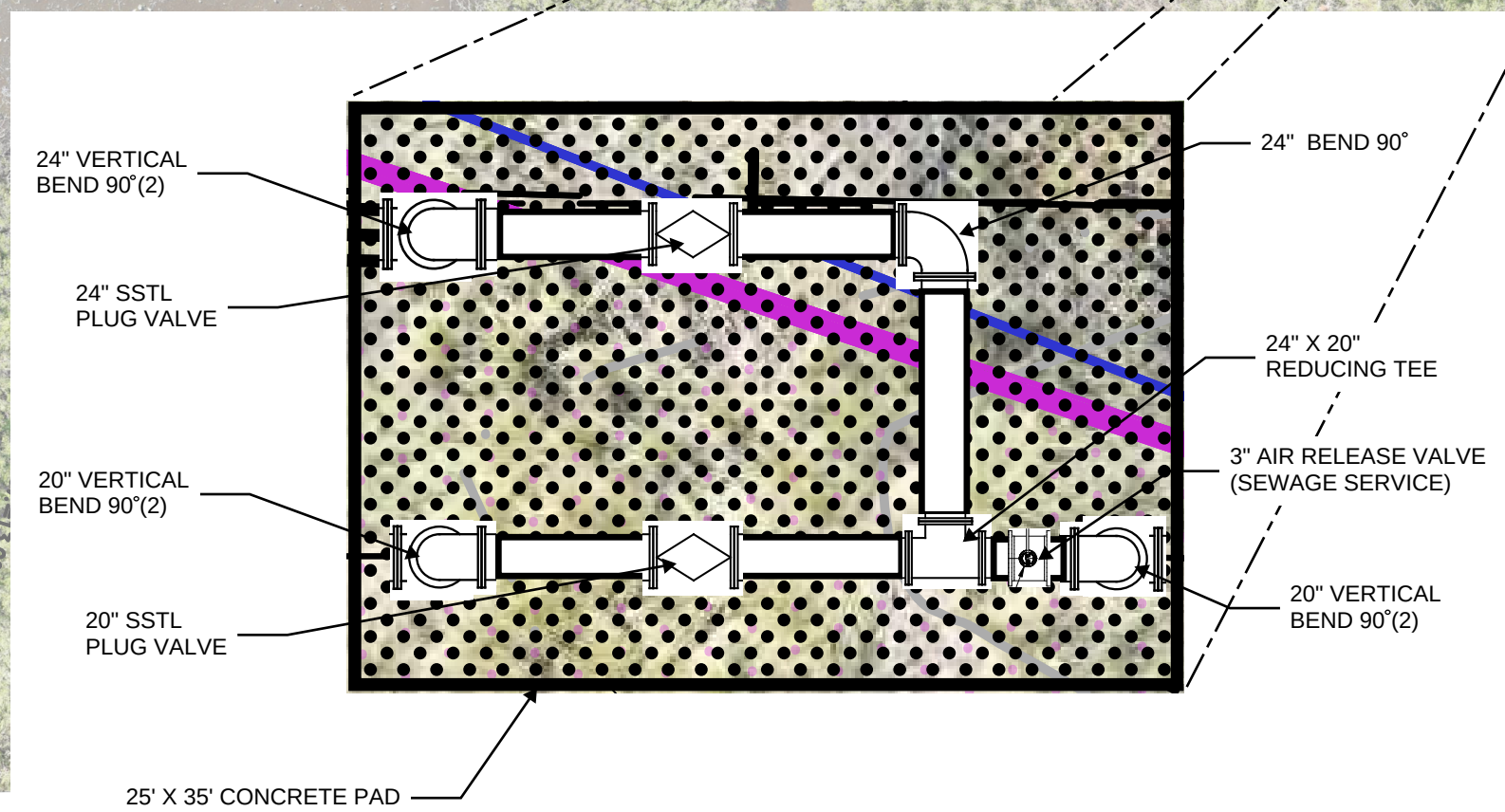
60" SW Pipes (Typ. 3)

Flow

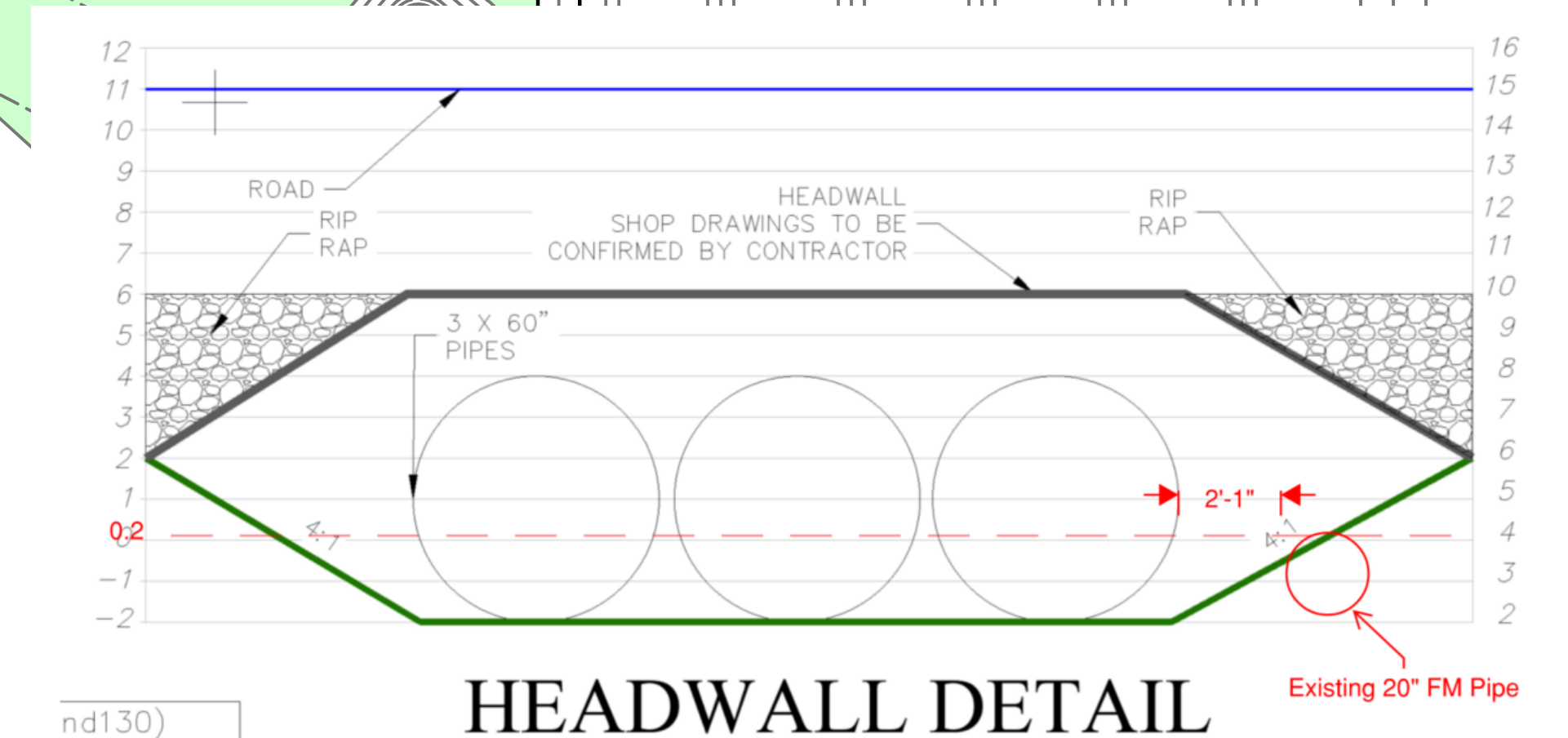
PROPOSED 50' WIDTH PERMANENT EASEMENT

EXISTING 30' WIDTH EASEMENT

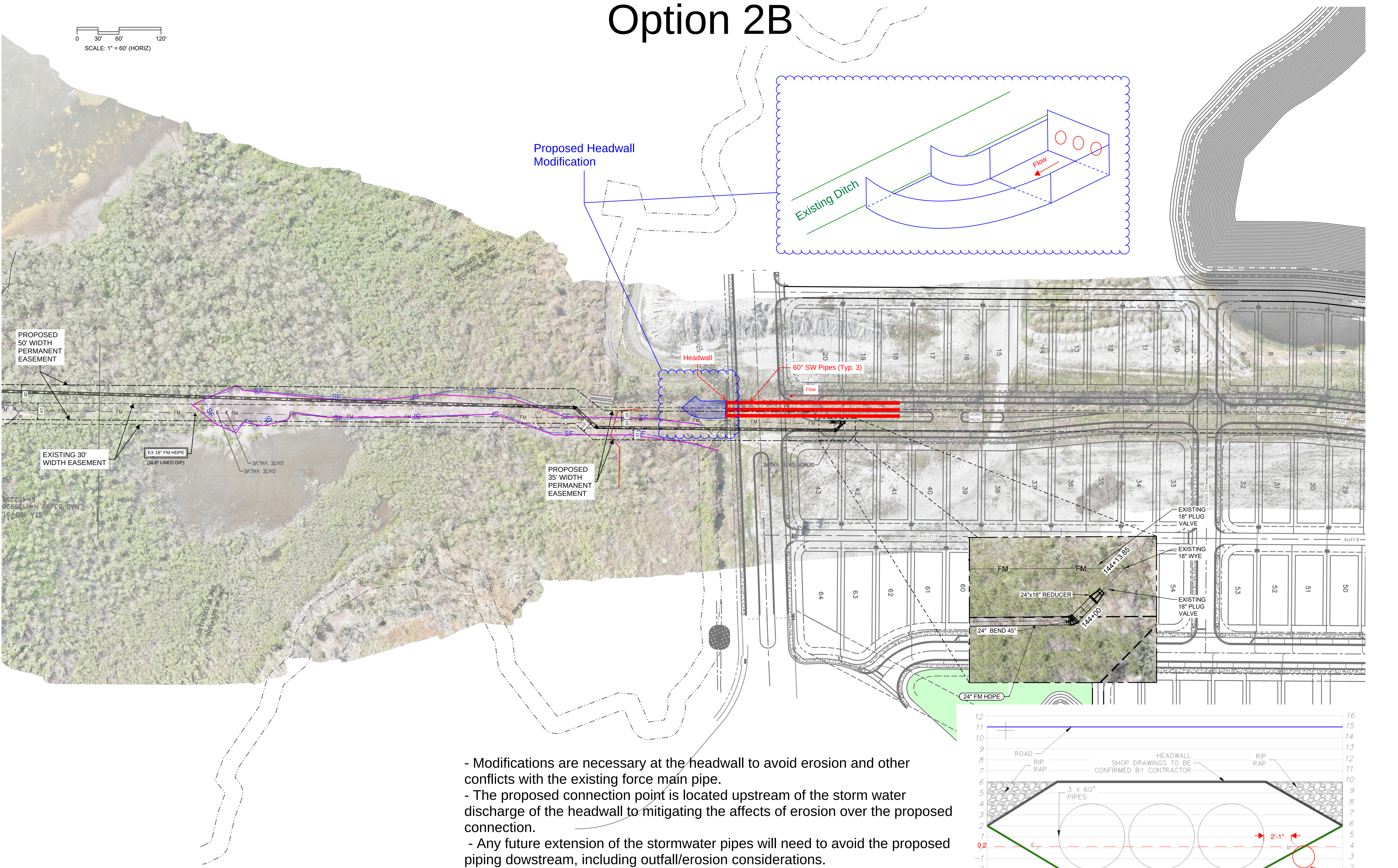
EX 18" FM HDPE (SLIP LINED DIP)



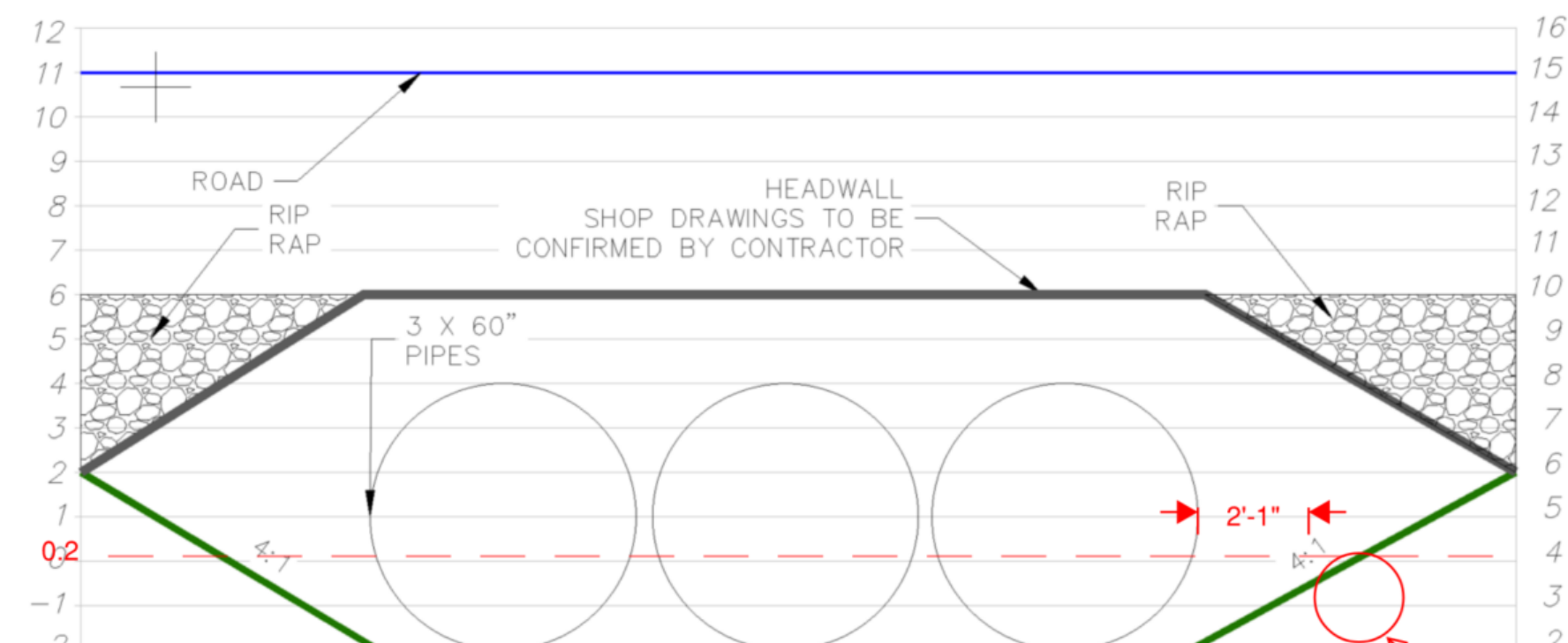
- Modifications are necessary at the headwall to avoid erosion and other conflicts with the existing force main pipe.
- The proposed connection point is moved into the wetlands but outside the mangroves to provide clearance from current headwall location.
- Any future extension of the stormwater pipes will need to avoid the proposed connection area, including outfall/erosion considerations.
- Proposed connection point may require an above-ground assembly to avoid the tidal zone and mitigate corrosion.



Option 2B



- Modifications are necessary at the headwall to avoid erosion and other conflicts with the existing force main pipe.
- The proposed connection point is located upstream of the storm water discharge of the headwall to mitigating the affects of erosion over the proposed connection.
- Any future extension of the stormwater pipes will need to avoid the proposed piping downstream, including outfall/erosion considerations.



HEADWALL DETAIL