

8/24/20

## Cobey Creek-Phase 1

### North Detention Pond- Outlet Structure

#### Executive Summary for Structure Changes

The approved outlet structure in the north detention pond is 2- 6' diameter manholes with the accompanying orifice openings and pipe sizes and locations shown. Due to the inability of the local precasters to provide a manhole of the diameter required, an alternate shape of structure is needed.

It is proposed that in lieu of the 2- 6 diameter manholes, a single 5' x 14' rectangular concrete box be used, to provide the same function.

As detailed, the rectangular concrete box will provide the same orifice opening sizes, elevations and domed grates as the approved manholes, with no changes in the hydraulic function of the structure or pond from the approved version of the plans and storm report.

Upon approval, the contractor intends to cast the box in place per the detail and in the location shown on the detention plan.



8/24/20