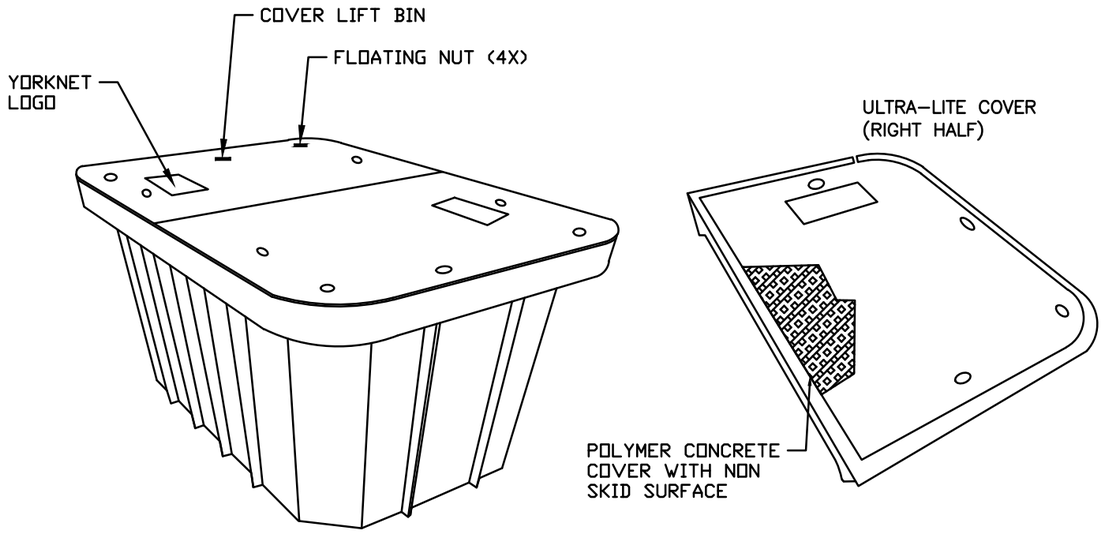
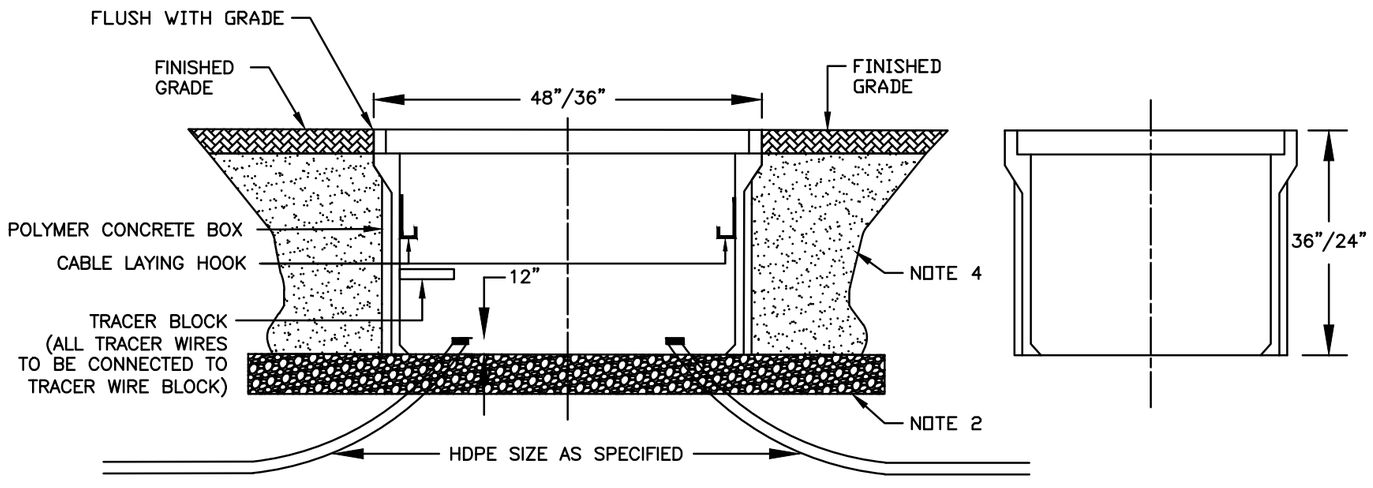
# POLYMER CONCRETE VAULT DETAIL

## 17" X 30" X 24" / 30" X 48" X 36"

N.T.S.




## VAULT INSTALLATION REQUIREMENTS

EXCAVATION AND PREPARATION OF ENCLOSURE HOLE

1. EXCAVATE MATERIAL TO PROVIDE 305mm (12") to 610mm (24") CLEARANCE ALL AROUND THE ENCLOSURE AND PROVIDE ADDITIONAL 305mm (12") DEPTH FOR BEDDING.
2. PLACE MINIMUM 305mm (12") OF 19mm (3/4") CLEAR STONE AT THE BASE OF THE EXCAVATED HOLE. THE STONE SHOULD BE FREE OF SOIL AND ORGANIC MATERIAL. DO NOT USE "RIVER ROCK" OR "ROUND STONE".

ENCLOSURE PLACEMENT INTO PREPARED HOLE

3. SET VAULT INTO THE CENTRE OF THE EXCAVATED HOLE ON TOP OF THE BEDDING MATERIAL AND ADJUST HEIGHT TO GRADE. ENSURE THAT THE VAULT IS PARALLEL WITH SIDEWALK OR CURB, IF APPLICABLE.
4. BACKFILL THE SIDES WITH APPROVED NATIVE SAND AND/OR GRAVEL AND COMPACT IN LAYERS.
5. PROPER TAMPING TOOLS SUCH AS MECHANICAL TAMPING DEVICE OR HAND OPERATED DEVICE SHOULD BE USED. A HAND SHOVEL OR BACKHOE SHOULD NEVER BE USED FOR TAMPING AS DAMAGE MAY OCCUR. REMOVE EXCESS BACKFILL MATERIAL FROM THE SITE AS APPLICABLE.
6. INSTALL THE LID ON THE VAULT AND POSITION THE ENCLOSURE TO THE PROPER GRADE LEVEL AS SPECIFIED PER THE JOB REQUIREMENT. IF NECESSARY: REMOVE LID, MAKE THE NECESSARY ELEVATION ADJUSTMENTS AND RECHECK THE ELEVATION.
7. REINSTALL THE LID TO VAULT PRIOR TO UNIFORMLY BACKFILLING ON ALL FOUR SIDES. NUT, BOLT THREADS, AND COVER SEAT SHOULD ALWAYS BE FREE OF DIRT AND DEBRIS BEFORE TIGHTENING DOWN THE BOLT.
8. VAULT SHOULD BE LEVELED TO GRADE.

COMPLETE VAULT INSTALLATION

9. INSTALL TOWEL BAR.
10. DO NOT INSTALL CONDUIT WITHIN 50mm OF THE CORNER OF THE VAULT.
11. ENTER CONDUIT THROUGH THE BOTTOM OF THE VAULT.
12. EXTEND CONDUIT 305mm (12") BEYOND BOTTOM OF THE VAULT (ABOVE CLEAR STONE).
13. ALL MICRODUCTS SHEATHING TO BE CUT BACK 102mm (4") TO 152mm (6") FROM END OF MICRODUCTS.
14. TRACER WIRE SHALL TERMINATE IN THE TRACER WIRE IDC BLOCK.
15. TRACER WIRE SHALL BE CONTINUOUS TO THE INTERCONNECT BLOCK FROM THE CONDUIT JACKET.
16. CONDUIT SHOULD BE DEBURRED AND FREE FROM ALL SHARP EDGES.
17. ALL UNUSED MICRODUCTS SHOULD HAVE PULL ROPE AND/OR MULE TAPE, TRACER WIRE AND BE CAPPED.
18. FIBRE SHALL BE COILED, ZIPPED TIED AND STORED IN LAYING HOOK IN THE VAULT AND FOSC ON THE TOWEL BAR SECURED.
19. GROUND WIRES TO BE GROUNDED TO THE GROUND BLOCK AND VAULT GROUNDED TO GROUND PLATE.
20. VAULT LID SHALL BE SECURED WITH VENDOR SUPPLIED BOLTS PRIOR TO COMPLETION OF THE VAULT.

YORKNET

**STANDARD VAULT INSTALLATION**

Date: January 2024

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