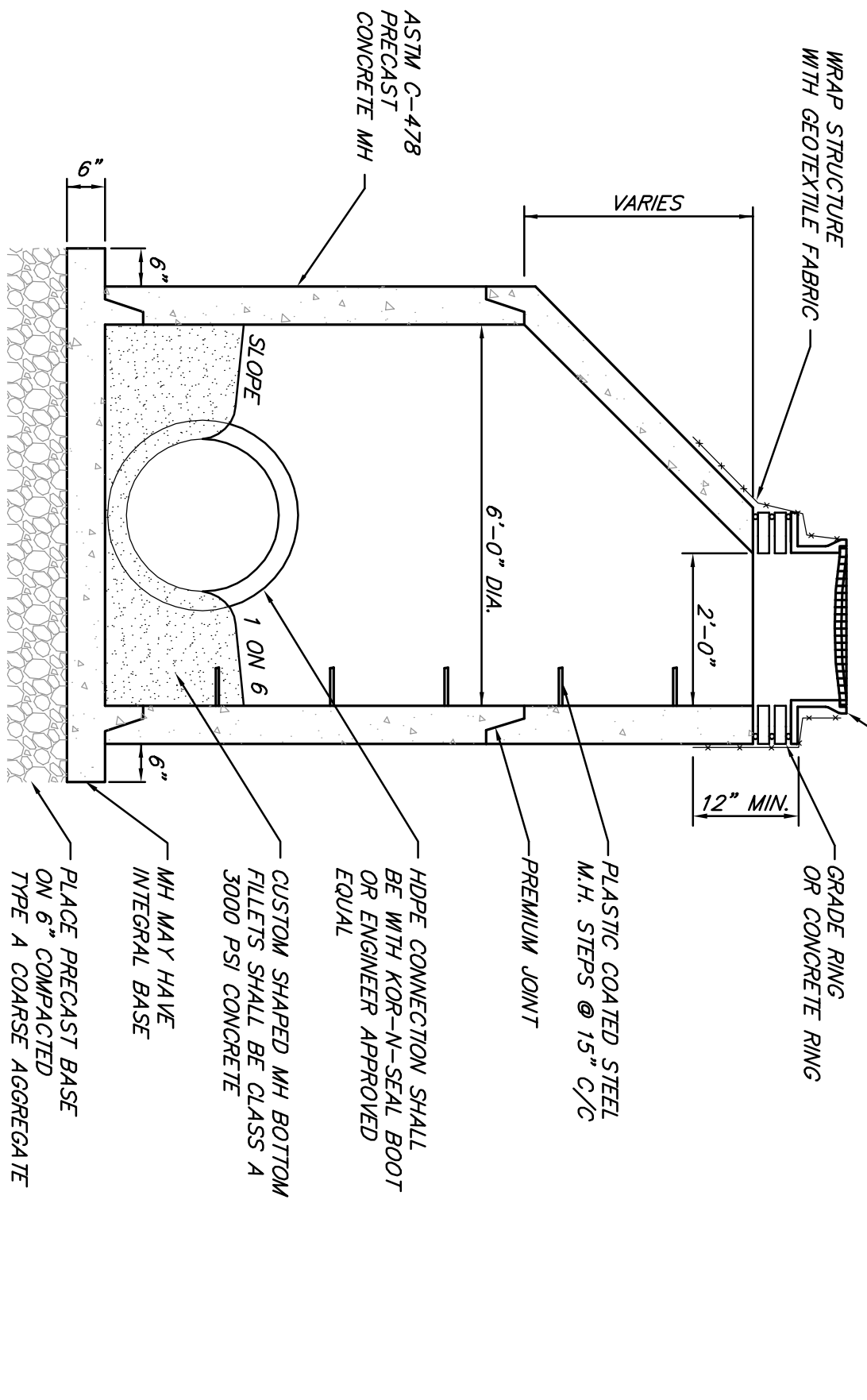
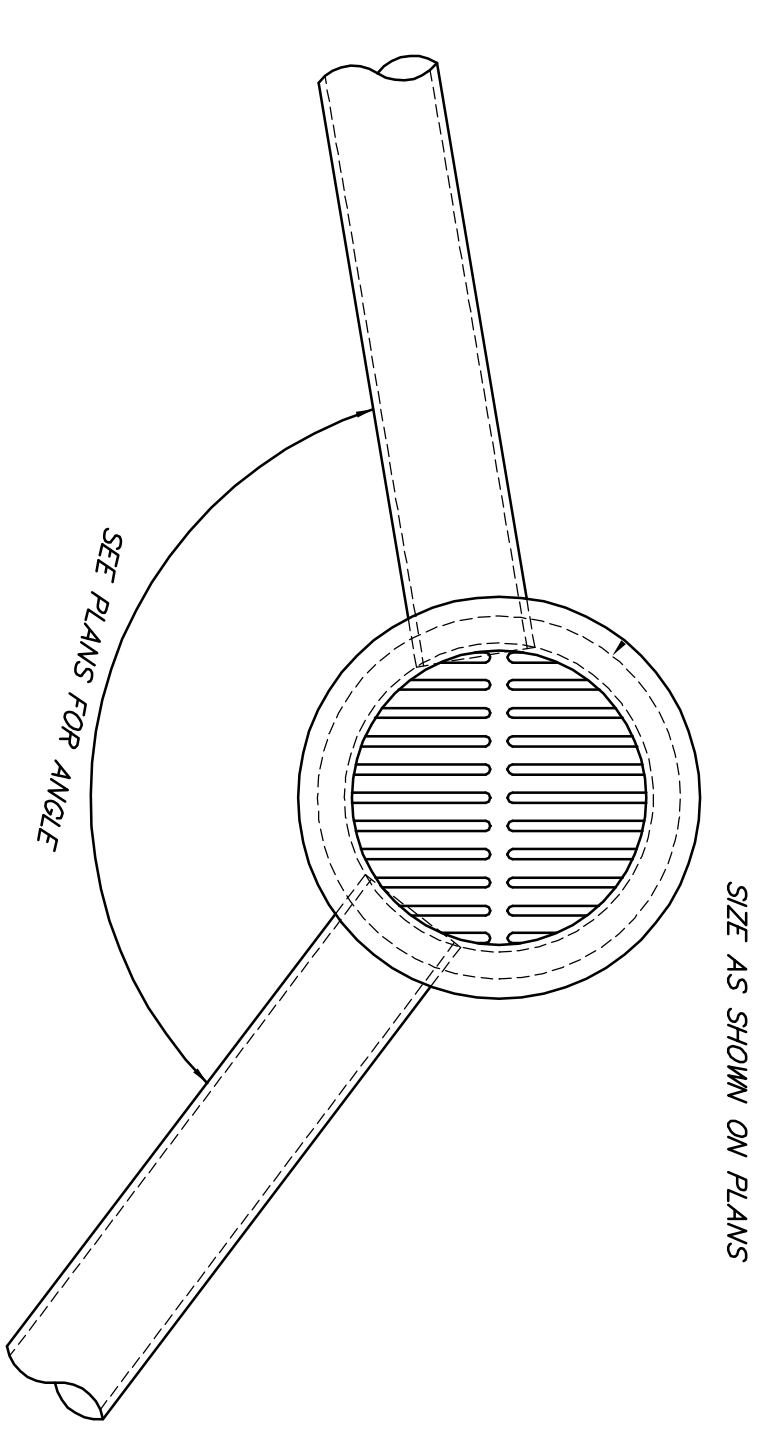


NOTE:
ALL MH/CBS ARE TO BE BACKFILLED WITH MDOT CLASS II GRANULAR MATERIAL COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY.

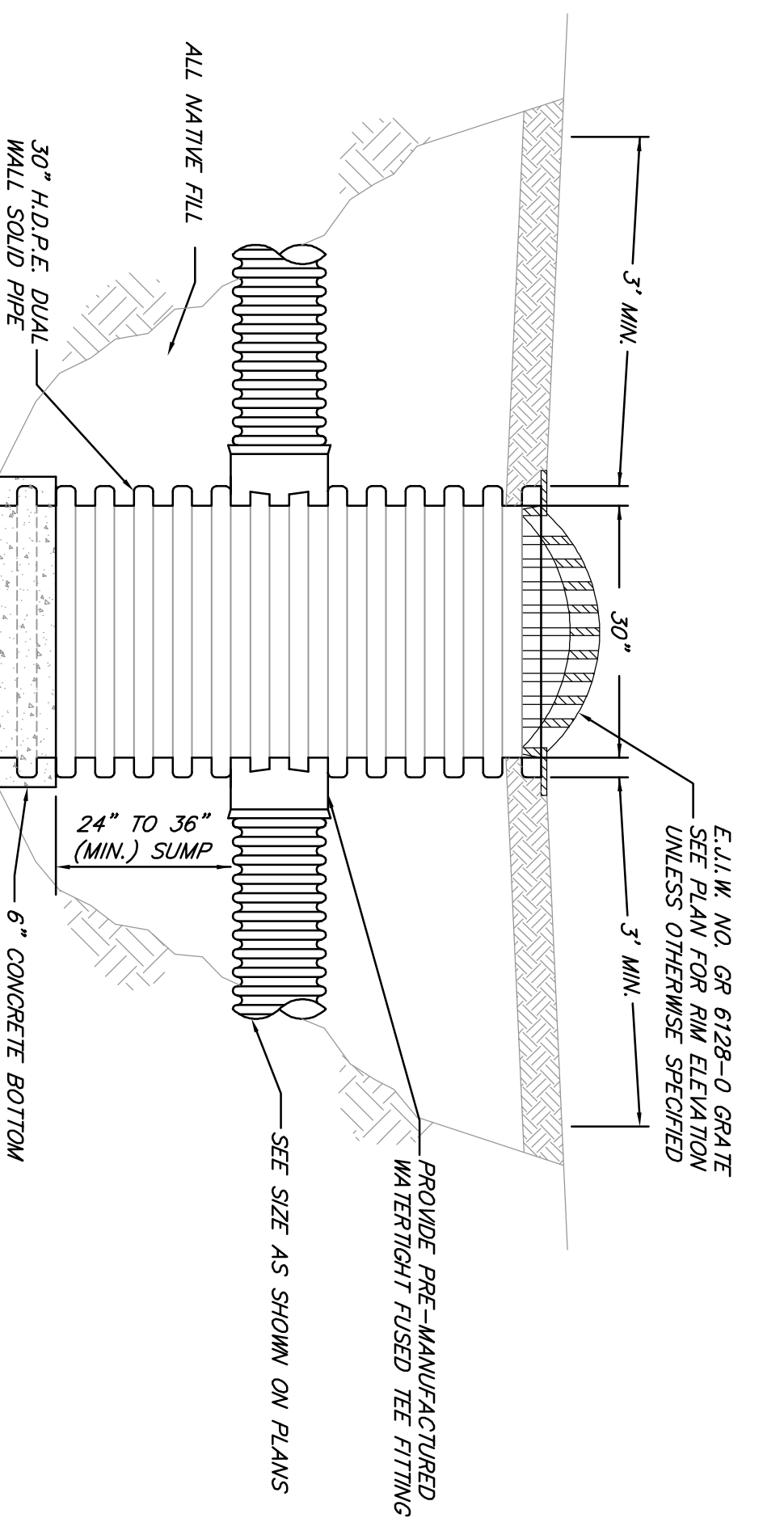
PLAN
NOT TO SCALE



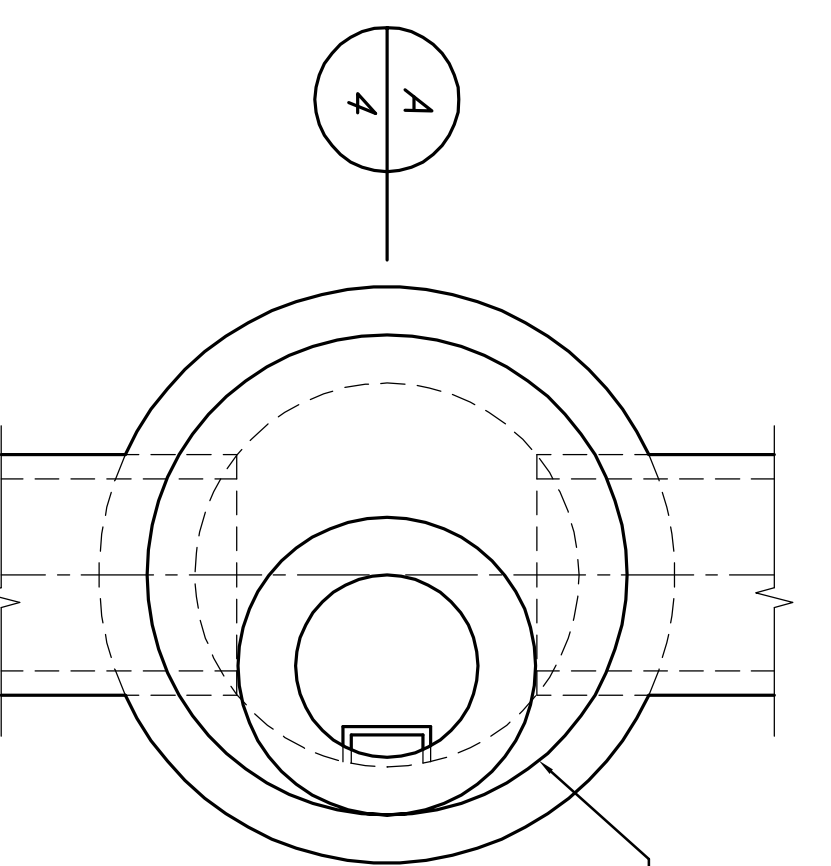
48" - 96" DIA. STORM MANHOLE
NOT TO SCALE



30" DIA. H.D.P.E. C.B. PLAN VIEW
NOT TO SCALE

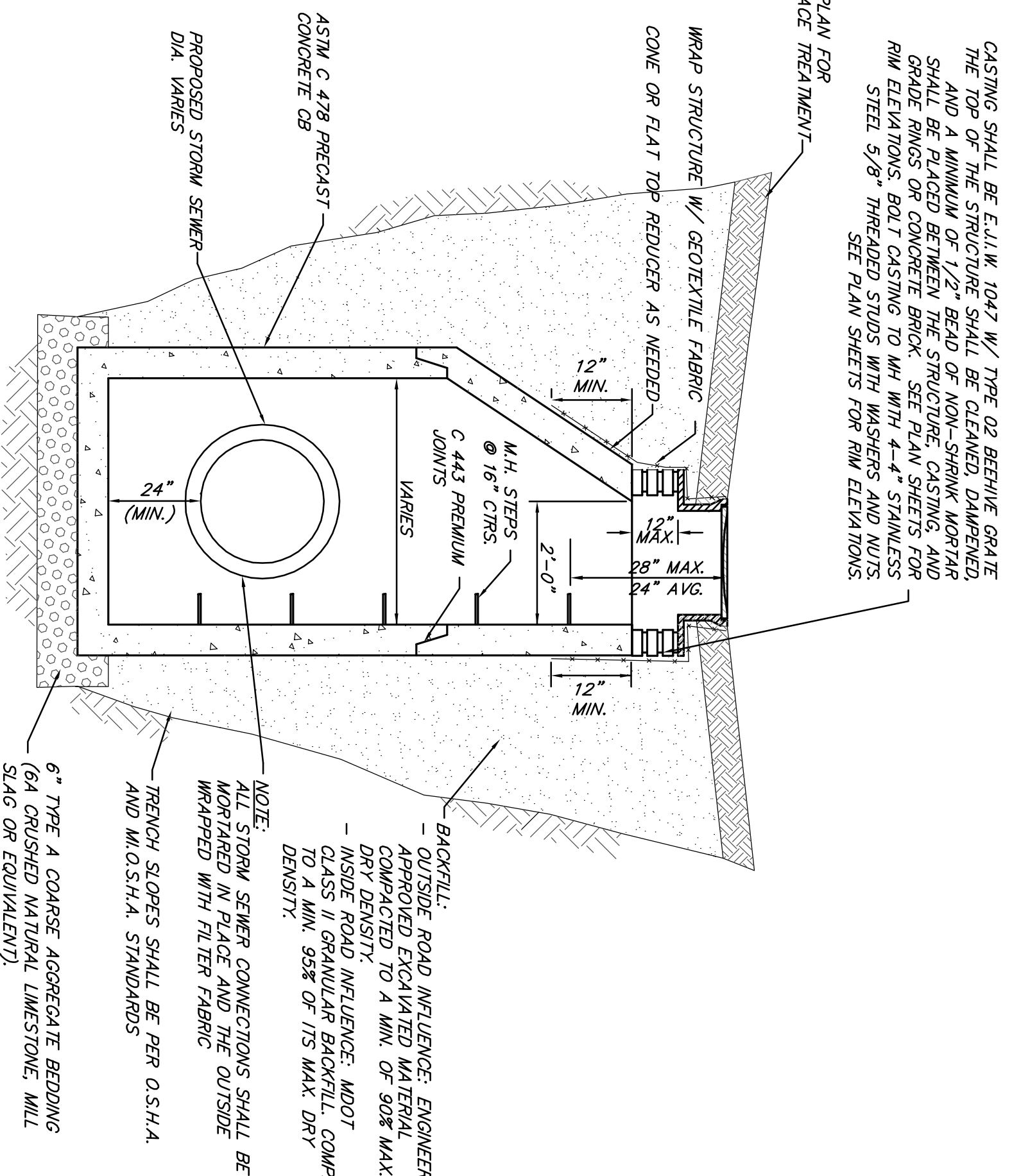


30" DIA. H.D.P.E. C.B. TYPICAL SECTION
NOT TO SCALE

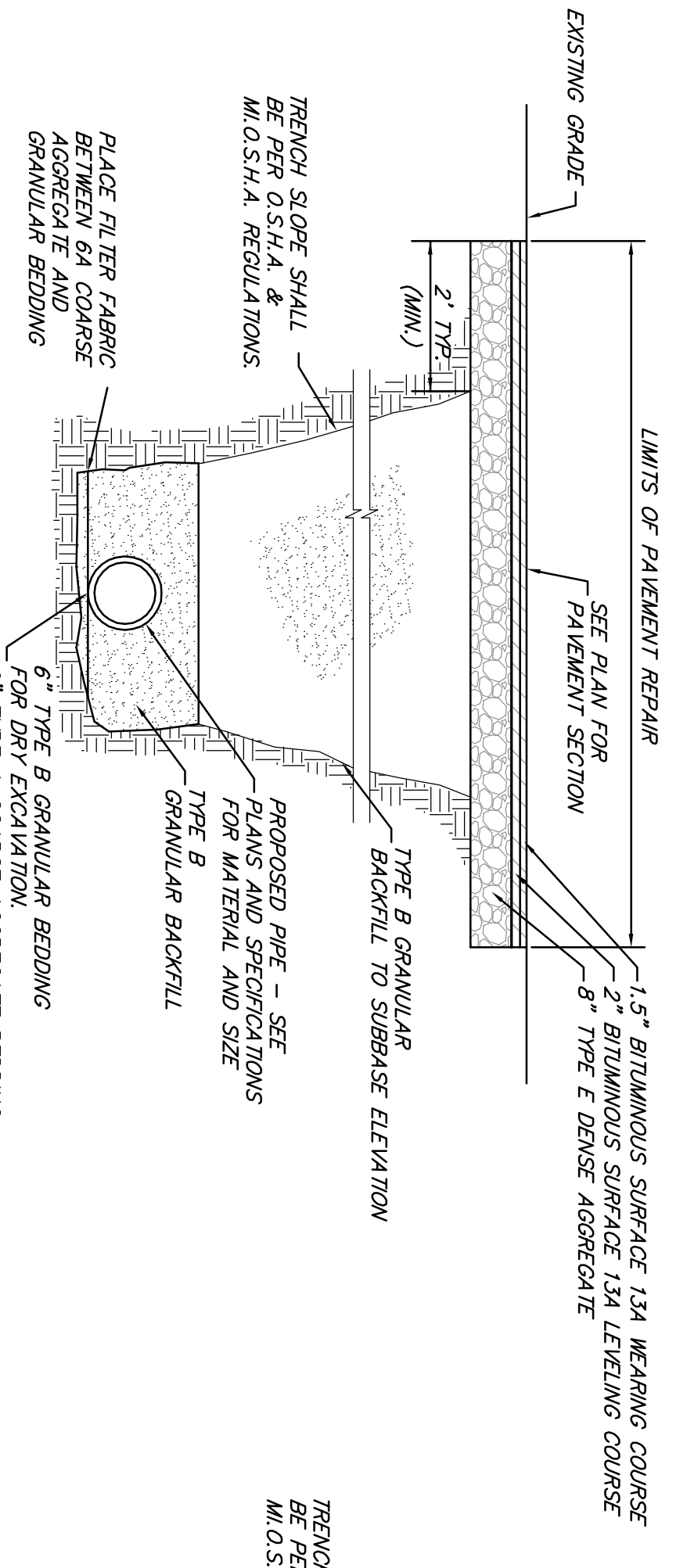


NOTE:
ALL MH/CBS ARE TO BE BACKFILLED WITH MDOT CLASS II GRANULAR MATERIAL COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY.

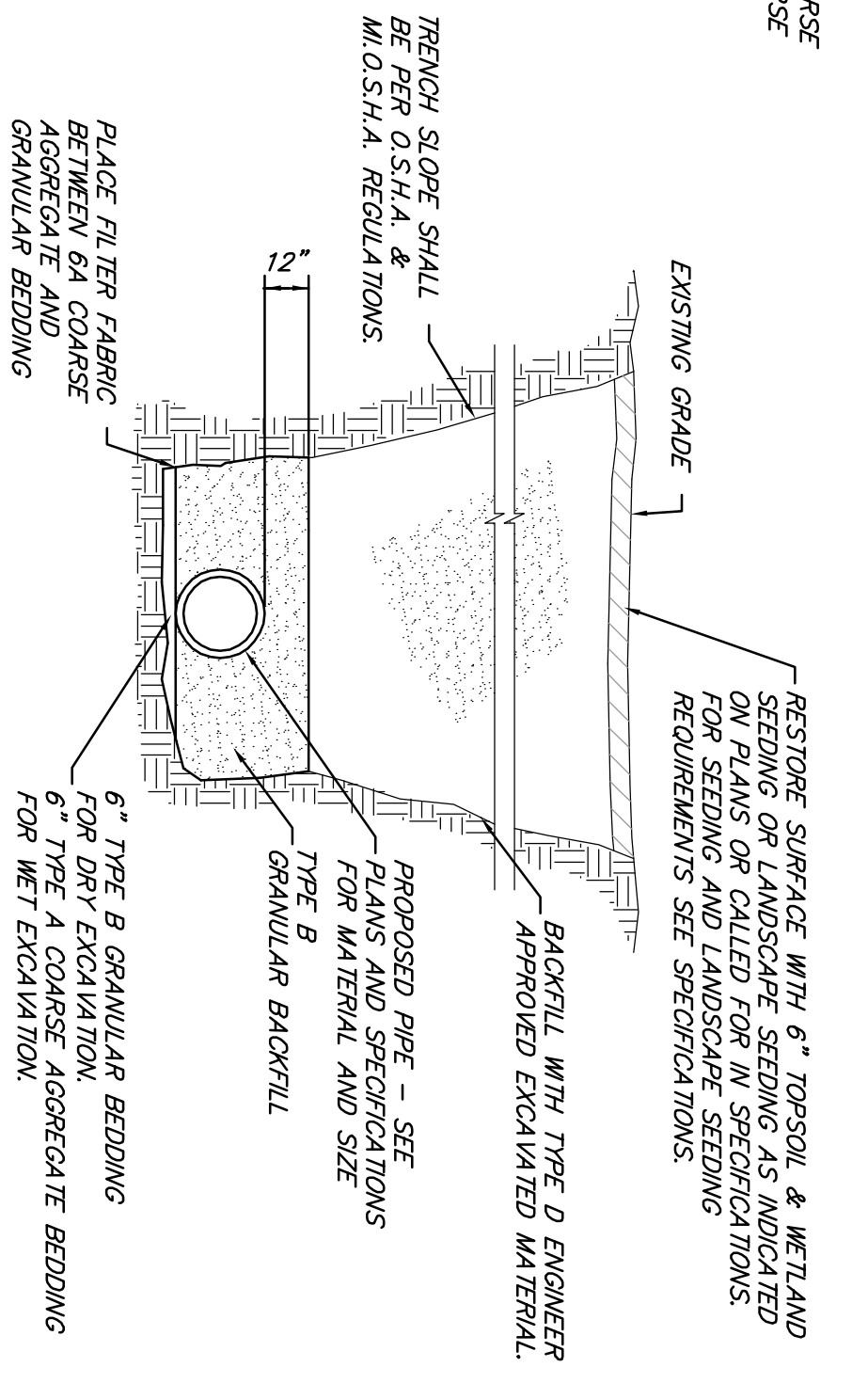
PLAN
NOT TO SCALE



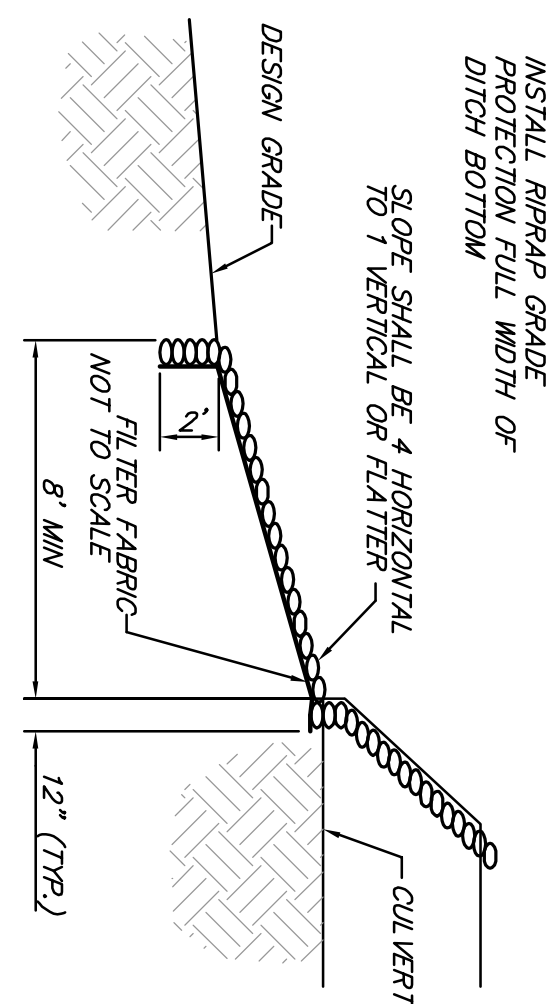
48" - 60" DIA. CATCH BASIN / MANHOLE DETAIL
NOT TO SCALE



R.C.P. H.D.P.E. TRENCH DETAIL A - WITHIN INFLUENCE OF ROAD OR IMPROVED SURFACE
NOT TO SCALE



R.C.P. H.D.P.E. TRENCH DETAIL B - OUTSIDE INFLUENCE OF ROAD OR IMPROVED SURFACE
NOT TO SCALE



GRADE PROTECTION DETAIL AT CULVERTS
NOT TO SCALE

TRENCH DETAIL NOTES:
FOR GRAVEL DRIVES PROVIDE 6" TYPE C COURSE AGGREGATE SURFACE.
COMPACT ALL BEDDING AND BACKFILL TO A MINIMUM OF 95% OF THE MATERIAL MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR.

| | | |
|--|-----------|--------------|
| TITLE | BID SET | DATE |
| BY | REVISIONS | |
| DATE | | |
| <p>THE WORK REPRESENTED BY THIS DRAWING WAS DESIGNED BY THE ENGINEER FOR HIS OWN USE AND NOT FOR ANY OTHER PROJECT. THE ENGINEER'S LIABILITY IS LIMITED TO THE WORK REPRESENTED BY THIS DRAWING. THE ENGINEER DOES NOT GUARANTEE AND WILL NOT BE LIABLE FOR ANY OTHER LOCATION, CONDITION, OR DESIGN NOT SHOWN HEREON.</p> | | |
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| <p>STANDARD DETAILS</p> | | |
| <p>ST. JOHNS OFFICE 1400 Zeeb Drive St. Johns, MI 48879 Tel. 989-224-2337 www.SpicerGroup.com</p> | | |
| DATE | APP. BY | PROJECT NO. |
| SEPTEMBER 2009 | PJC | 1179445G2009 |
| SCALE | AS SHOWN | SHEET 4 OF 4 |
| <p>FILE NO. JDR-1875-04</p> | | |