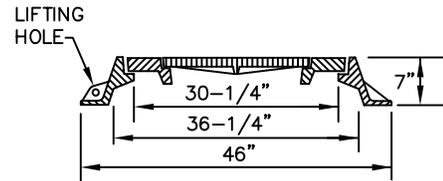
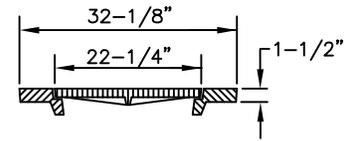
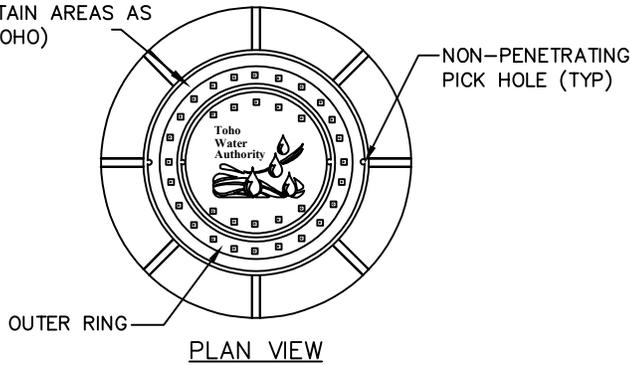
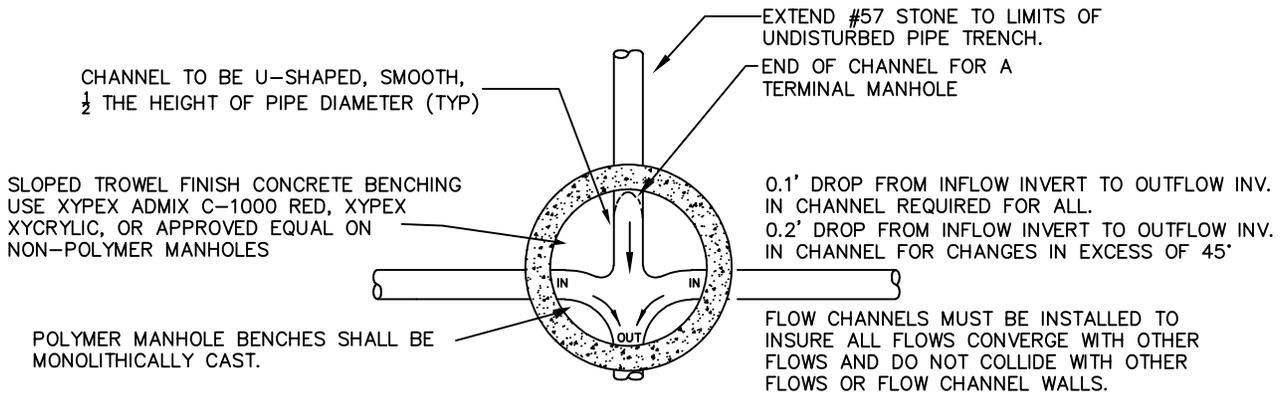


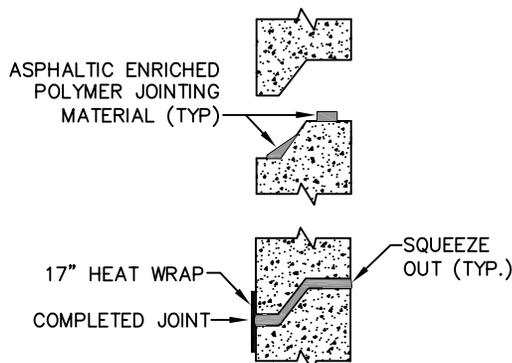
USF #663-AB-MK, OR EQUAL
(ADDITIONAL DESIGNS MAY BE
REQUIRED IN CERTAIN AREAS AS
DETERMINED BY TOHO)



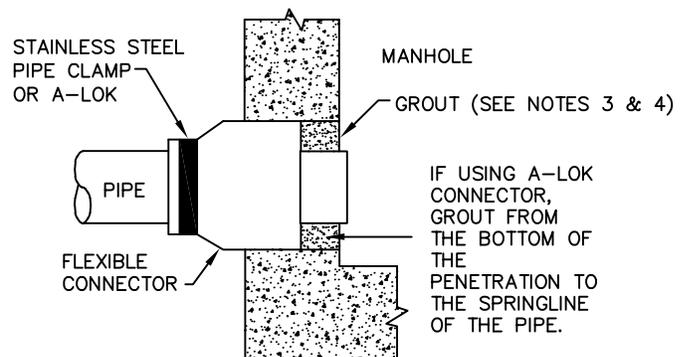
FRAME AND COVER DETAILS



MANHOLE FLOW CHANNEL



MANHOLE JOINT DETAIL



FLEXIBLE CONN. DETAIL

NOTES:

1. ALL EXTERIOR JOINTS SHALL BE CLEANED, PRIMED, DRIED, AND SEALED WITH 17" HEAT SHRINK WRAP.
2. EXCESS JOINT COMPOUND SHALL BE TRIMMED FROM INTERIOR WALLS.
3. ALL PORTLAND CEMENT, GROUT, OR CONCRETE FILL USED INSIDE NON-POLYMER MANHOLES OR OUTSIDE OF NON-POLYMER AND POLYMER MANHOLES SHALL REQUIRE XYPEX C-1000 RED, XYPEX XYCRYLIC ADMIX OR APPROVED EQUAL.
4. ALL PORTLAND CEMENT, GROUT, OR CONCRETE FILL USED INSIDE POLYMER MANHOLES SHALL REQUIRE POLYMER GROUT AS SPECIFIED BY THE MANHOLE PRECASTER.
5. CONCENTRIC FLAT TOP SLABS ARE ONLY ALLOWED WHERE THE DEPTH OF COVER OVER THE PIPE IS LESS THAN 48" OR WHERE OTHERWISE APPROVED BY TOHO.
6. CONNECTIONS TO BRICK MANHOLES SHALL BE COMPLETED UTILIZING SDR35 OR SDR26 SAND COLLAR(S) AND 4,000PSI CONCRETE WITH XYPEX C-1000 RED, XYCRYLIC ADMIX OR APPROVED EQUAL.



EFFECTIVE DATE:	04/01/2025
BOARD APPROVED DATE:	01/22/2025
PREVIOUS VERSION:	2022
DRAWN BY:	MP
REVISED BY:	DT

MISCELLANEOUS MANHOLE

DRAWING NUMBER
08.0