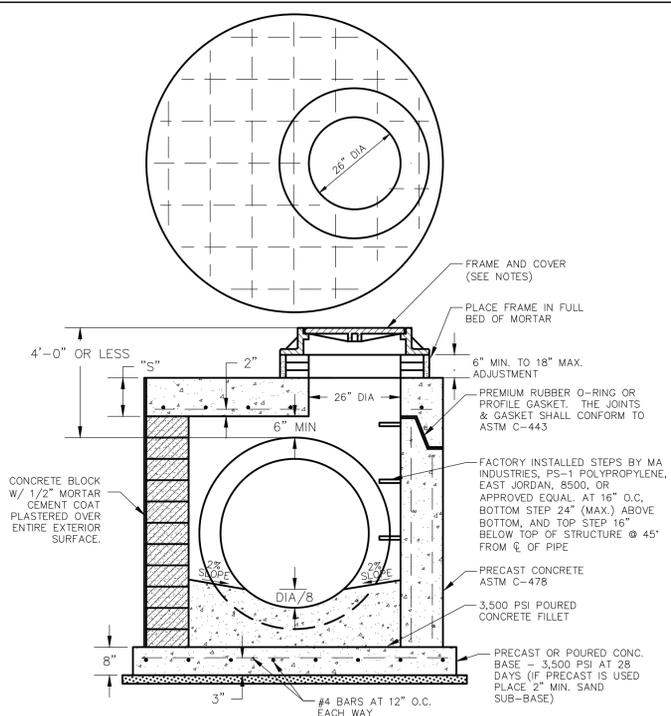


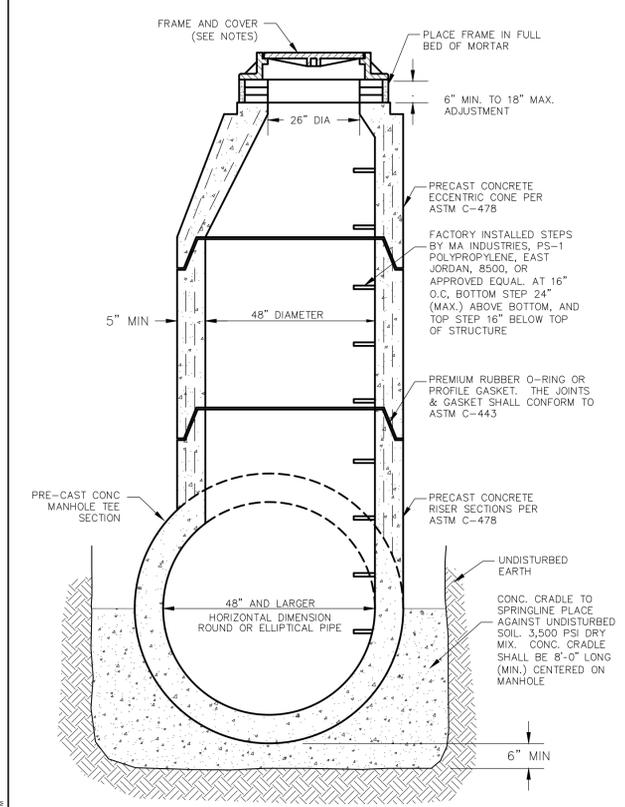
STANDARD STORM SEWER MANHOLE

SCALE: NONE



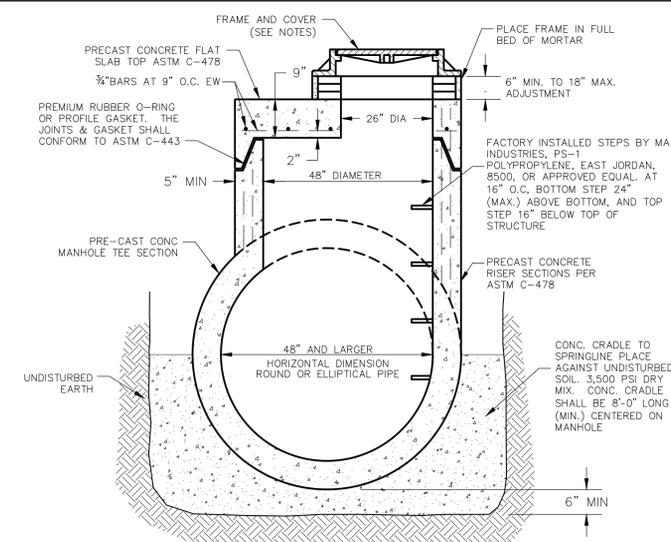
STORM SEWER MANHOLE W/ FLAT TOP

SCALE: NONE



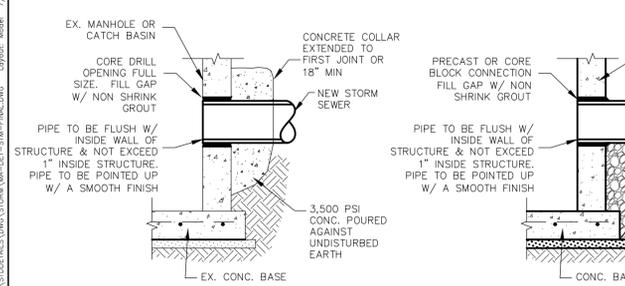
TEE STORM SEWER MANHOLE

SCALE: NONE



TEE STORM SEWER MANHOLE W/ FLAT TOP

SCALE: NONE

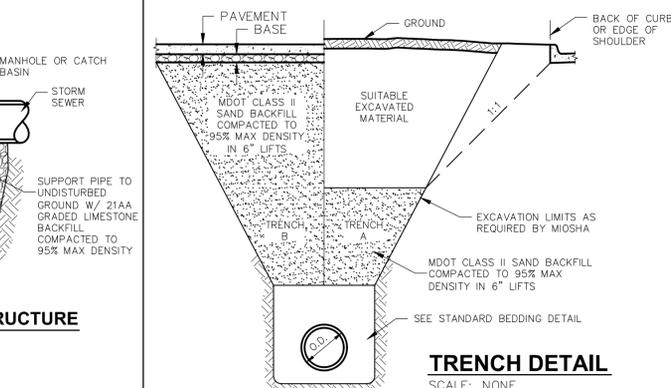


EX. STORM STRUCTURE

NEW STORM STRUCTURE

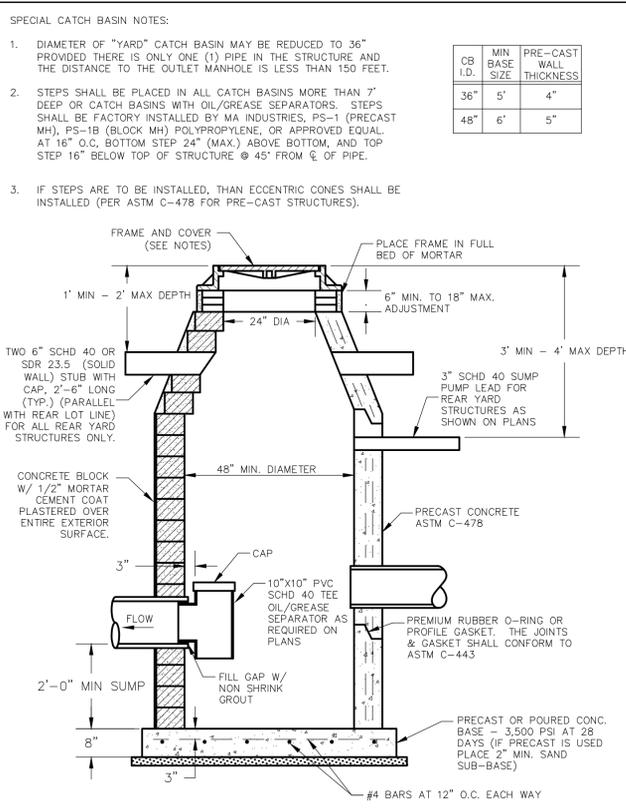
PIPE SUPPORT DETAIL

SCALE: NONE



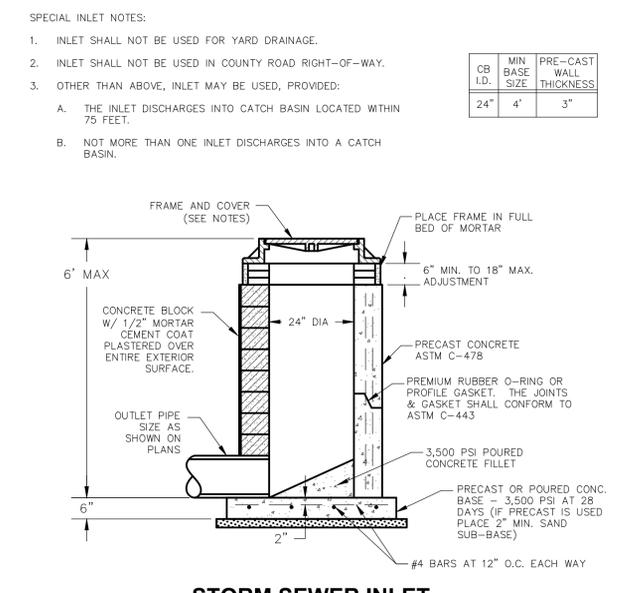
TRENCH DETAIL

SCALE: NONE



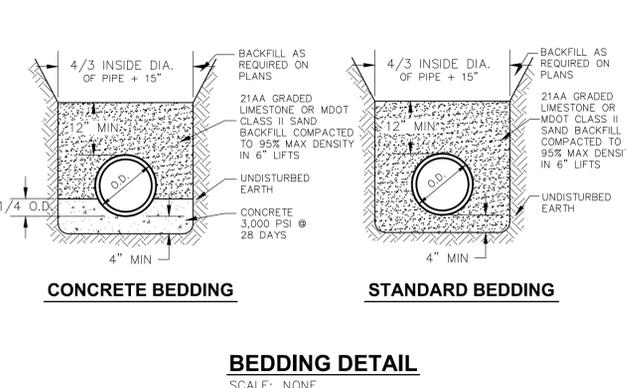
STORM SEWER CATCH BASIN

SCALE: NONE



STORM SEWER INLET

SCALE: NONE

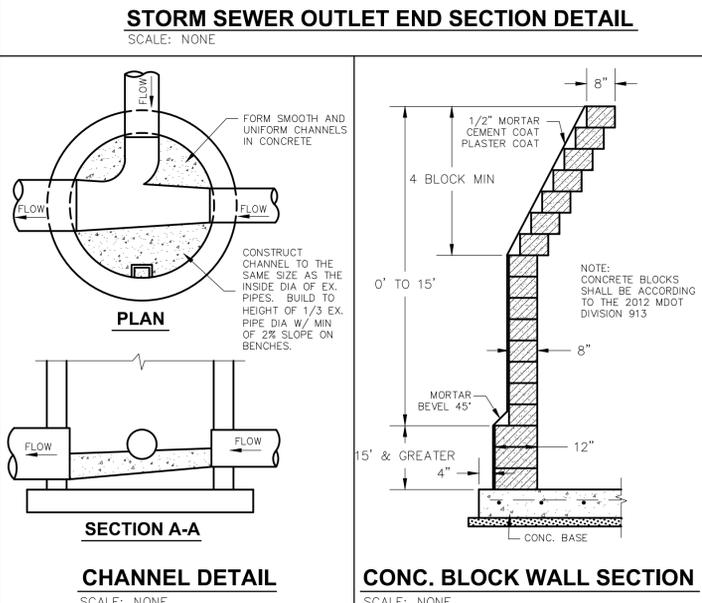
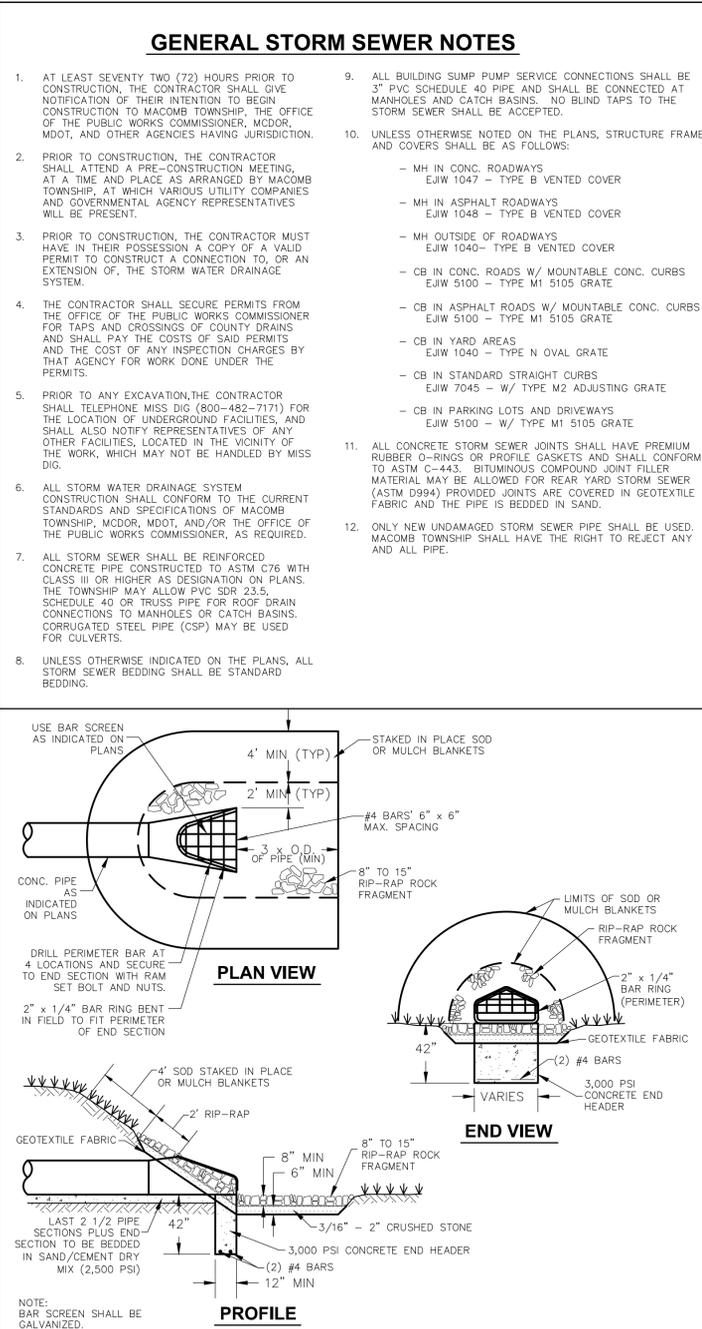


CONCRETE BEDDING

STANDARD BEDDING

BEDDING DETAIL

SCALE: NONE



MACOMB TOWNSHIP
 54111 BROUGHTON ROAD
 MACOMB, MI 48042
 586-992-0710

3 WORKING DAYS BEFORE YOU DIG CALL MISS DIG 1-800-482-7171

NOTE: UTILITY INFORMATION ON THIS DRAWING MAY BE FROM INFORMATION DISCLOSED TO THIS FIRM BY THE VARIOUS UTILITY COMPANIES, CITY/COUNTY AGENCIES AND OTHER VARIOUS SOURCES. UNDERGROUND UTILITIES WHICH ARE ON PRIVATE PROPERTY ARE USUALLY NOT DELINEATED UPON A UTILITY COMPANY'S PUBLISHED PLANS. THEIR LOCATION, IF SHOWN UPON THIS SURVEY, ARE APPROXIMATED FROM FOUND PAINT MARKS/STAKES, ETC. AS LOCATED BY THIS FIRM FROM SOURCES WHICH ARE UNKNOWN. NO GUARANTEE IS GIVEN AS TO THE COMPLETENESS OR ACCURACY THEREOF.

TOWNSHIP OF MACOMB

STORM SEWER STANDARD DETAILS

TOWN 3 NORTH RANGE 13 EAST
 MACOMB TOWNSHIP
 MACOMB COUNTY

NO.	DATE	REVISION
1	10-15-14	SHEET UPDATE
2	11-06-15	SHEET UPDATE
3	05-10-16	SHEET UPDATE
4	01-24-17	SHEET UPDATE
5	07-11-17	SHEET UPDATE

VERIFY SCALES
 BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO. _____ DRAWING NO. MA-DET-STM
 SCALE: N.T.S. SHEET NO. STM1

P:\COMMUNITIES\MACOMB\STANDARD DETAILS\DWG\STORM\MA-DET-STM-FINAL.DWG Layout: Mosh 7/12/2017 4:45:43 PM