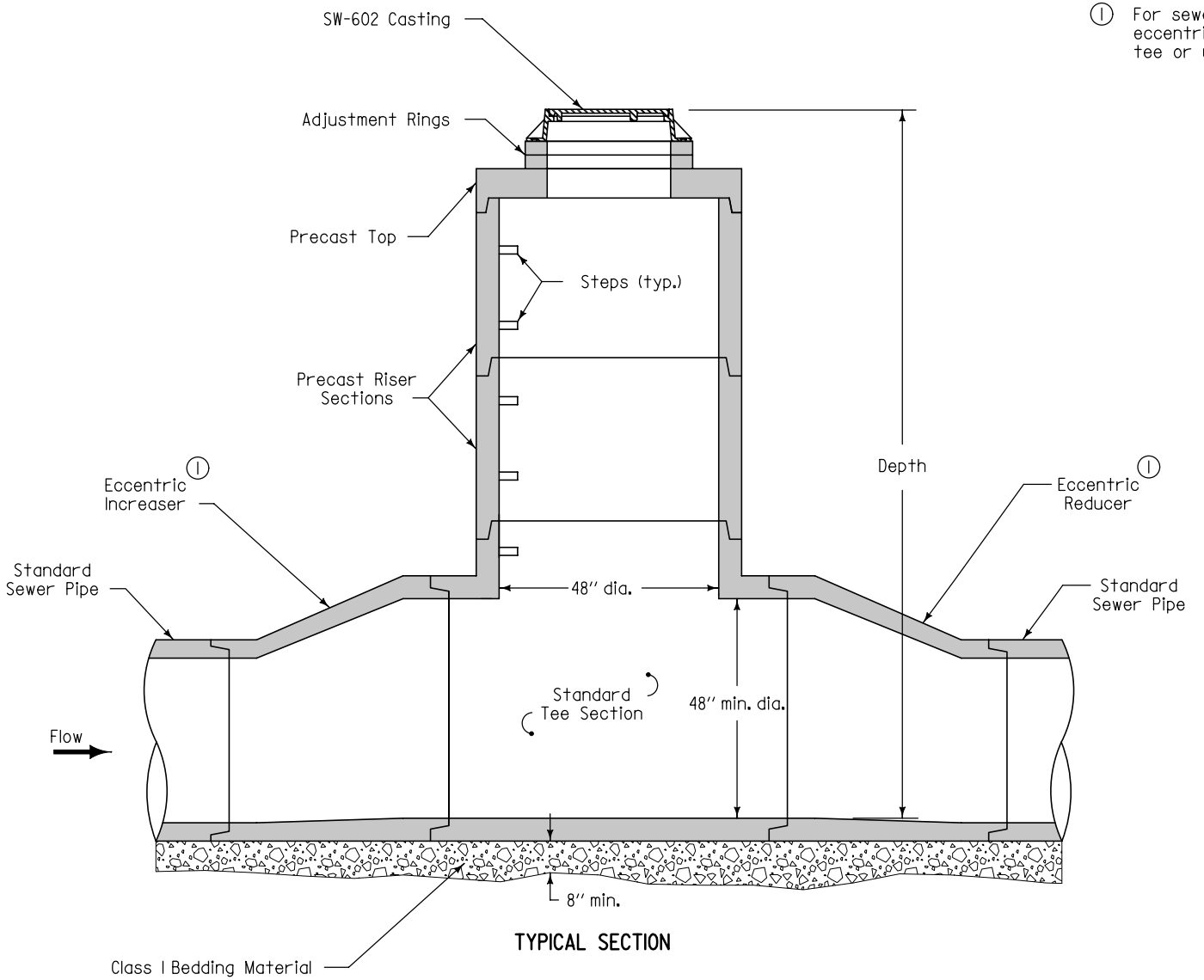

TYPICAL SECTION

STANDARD TEE (1)

(1) For sewer pipes less than 48 inch diameter, install eccentric reducers/increasers with a standard tee or utilize a composite tee.

SUDAS	Iowa Department of Transportation	REVISION NEW 04-21-09
FIGURE 6010.405	STANDARD ROAD PLAN	SW-405 SHEET 1 of 2

REVISIONS: New. Replaces SUDAS Type "M-E" Manhole.

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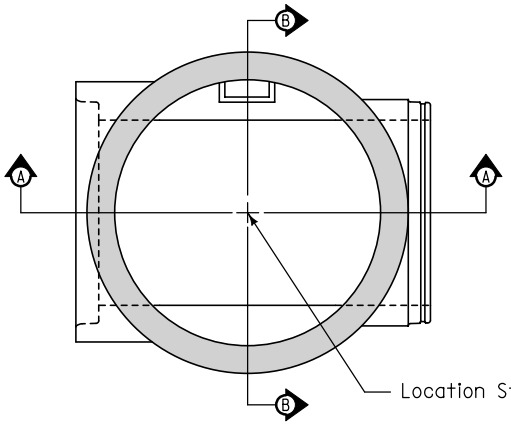
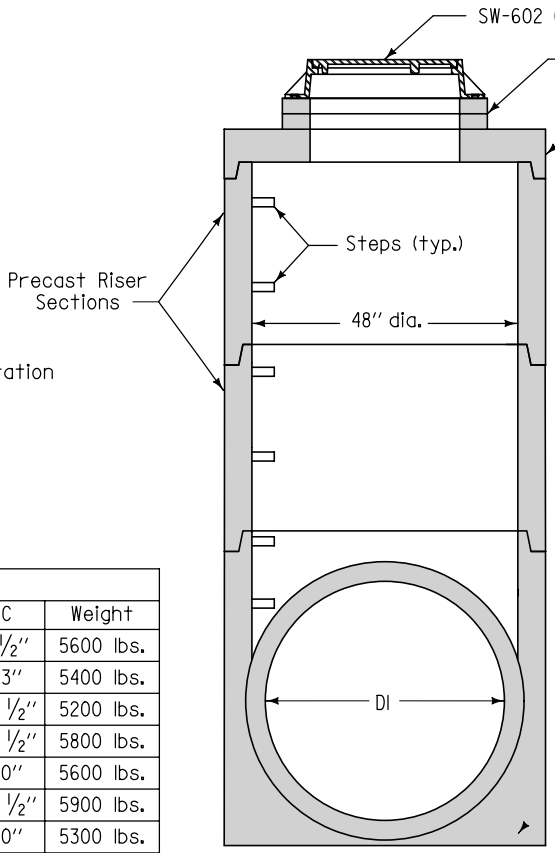
TEE-SECTION
STORM SEWER MANHOLE

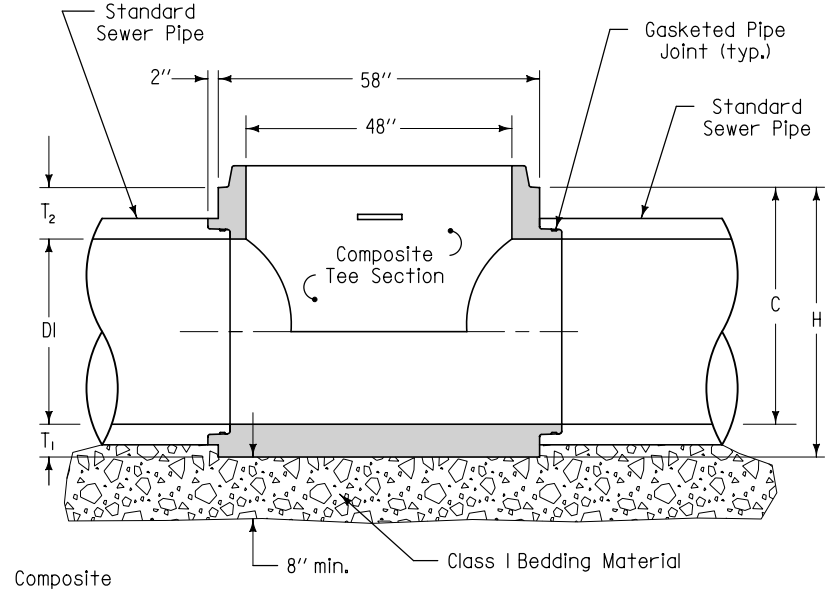
FIGURE 6010.405 SHEET 1OF 2



PLAN



SECTION B-B



SECTION A-A

COMPOSITE TEE DIMENSIONS						
Size	DI	H	T_1	T_2	C	Weight
48" on 12"	12"	50"	8 1/2"	29 1/2"	41 1/2"	5600 lbs.
48" on 15"	15"	50"	7"	28"	43"	5400 lbs.
48" on 18"	18"	50"	5 1/2"	26 1/2"	44 1/2"	5200 lbs.
48" on 21"	21"	48"	9 1/2"	17 1/2"	38 1/2"	5800 lbs.
48" on 24"	24"	48"	8"	16"	40"	5600 lbs.
48" on 27"	27"	48"	9 1/2"	11 1/2"	38 1/2"	5900 lbs.
48" on 30"	30"	48"	8"	10"	40"	5300 lbs.
48" on 33"	33"	54"	9 1/2"	11 1/2"	44 1/2"	6600 lbs.
48" on 36"	36"	54"	8"	10"	46"	6100 lbs.

COMPOSITE TEE

Alternate to standard tee with eccentric reducer (for pipes 36" and smaller).

FIGURE 6010.405 | SHEET 2 OF 2

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FIGURE 6010.405 | STANDARD ROAD PLAN | SW-405 | SHEET 2 of 2

REVISIONS: New. Replaces SUDAS Type "M-E" Manhole.

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TEE-SECTION
STORM SEWER MANHOLE