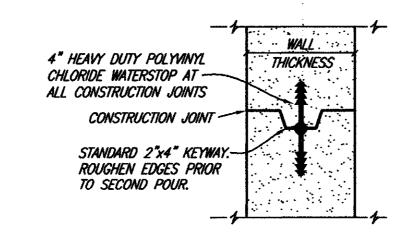
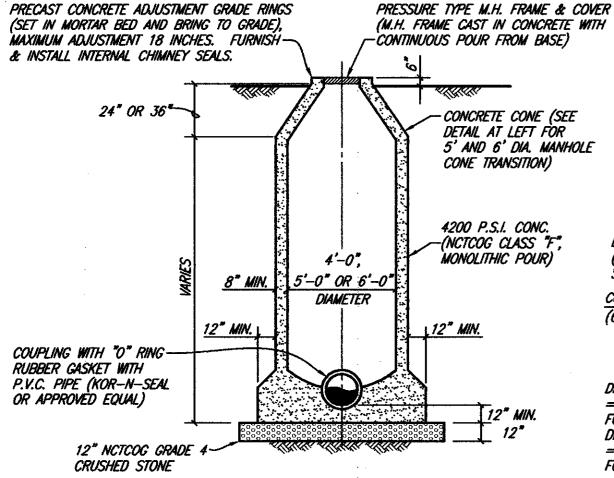


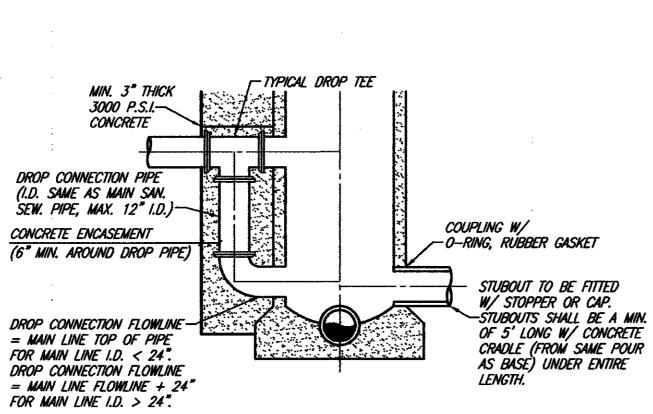
CONE TRANSITION 5' & 6' DIAMETER MANHOLES ONLY



MANHOLE CONSTRUCTION JOINT KEYWAY WITH WATERSTOP



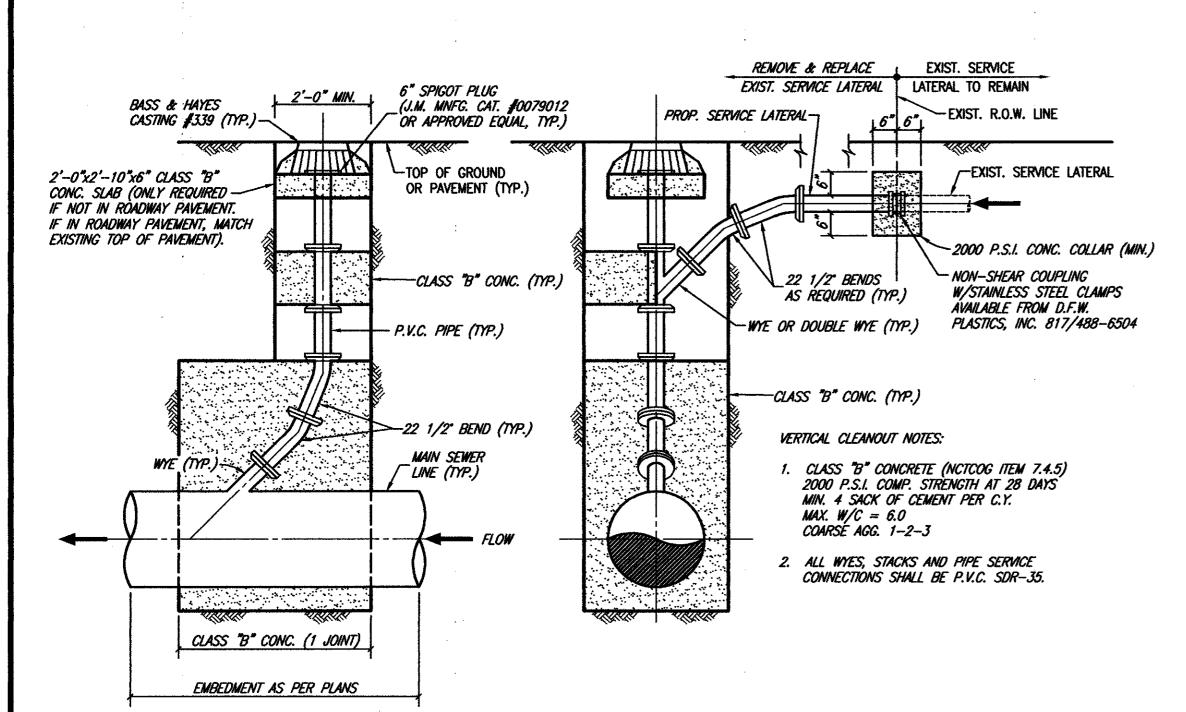
STANDARD MANHOLE ELEVATION 4', 5' & 6' DIAMETER MANHOLES



DROP MANHOLE ELEVATION 4', 5' & 6' DIAMETER MANHOLES

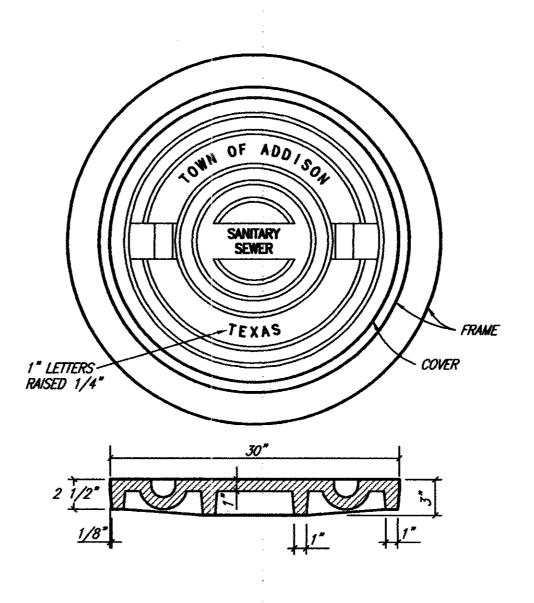
SANITARY SEWER MANHOLE (CAST IN PLACE)

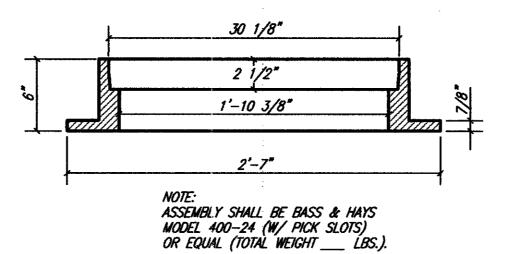
PRECAST MANHOLES NOT ACCEPTABLE IN ADDISON. MANHOLES SHALL BE PLUMB TO WITHIN 1 INCH FOR EVERY 5 FEET OF VERTICAL DEPTH. NO SCALE



VERTICAL CLEANOUT CONNECTION

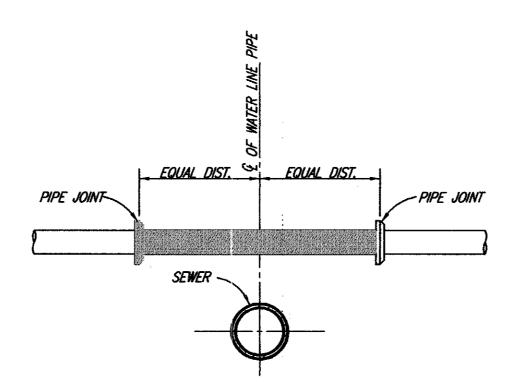
(CONNECTION, WYE, CONCRETE, BENDS, CASTING, ETC. ALL SUBSIDIARY TO CLEANOUT)



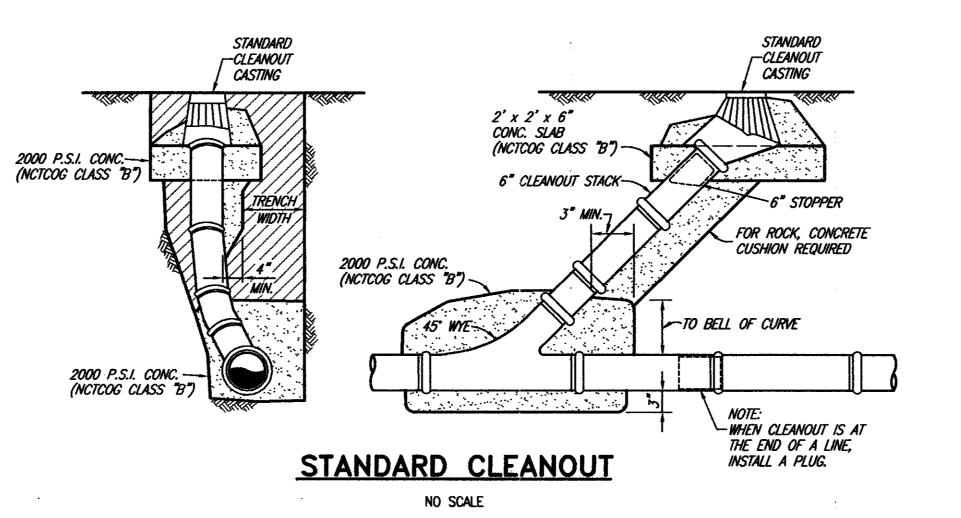


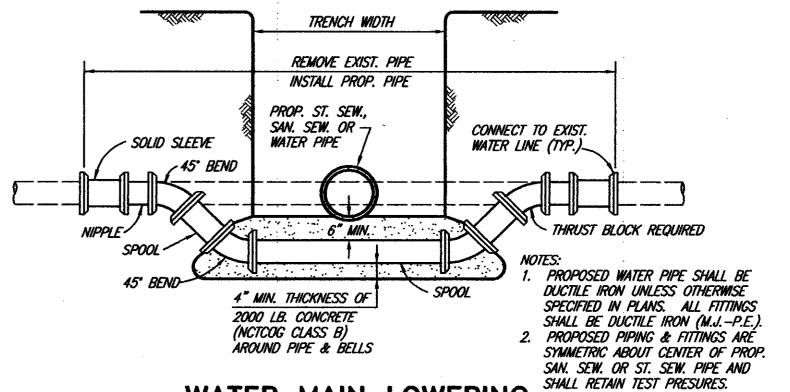
MANHOLE RING AND COVER

NO SCALE



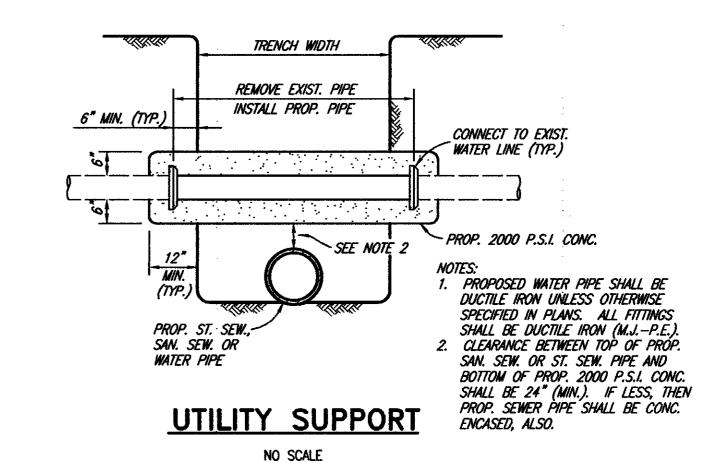
TYPICAL WATER/SEWER CROSSING NO SCALE

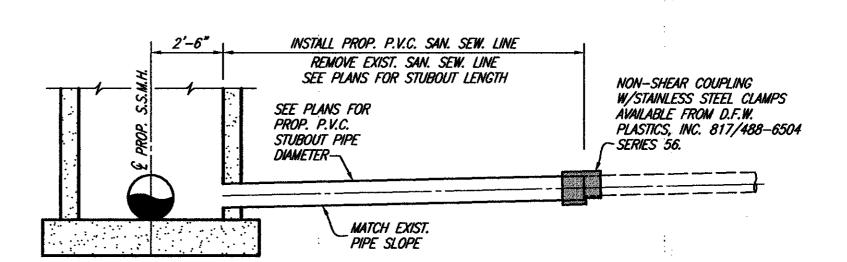




WATER MAIN LOWERING

NO SCALE





STUBOUT CONNECTION FOR 6" & 8" LINES

NO SCALE

MATCH SOFFITS UPSTREAM OF MANHOLE MATCH FLOWLINES DOWNSTREAM OF MANHOLE

> These plans and related specifications were prepared for construction of this specific project only. Reuse of these documents is not permitted without written authorization of Shimek, Jacobs & Finklea, L.L.P.

REVISED TO CONFORM TO CONSTRUCTION RECORDS BY 1. W. B. DATE 12/07/98

TOWN OF ADDISON, TEXAS ADDISON AIRPORT SANITARY SEWER & WATER MAIN REPLACEMENT

STANDARD DETAILS

SHIMEK, JACOBS & FINKLEA, L.L.P. CONSULTING ENGINEERS Dallas, Texas 96 169

S.J. & F. PROJECT: DATE: FEBRUARY 1997 S.J. & F.

54137

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION AND PERMIT PURPOSES ! Woullell 8/22/97

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24 SHEETS

SHEET NO.

23