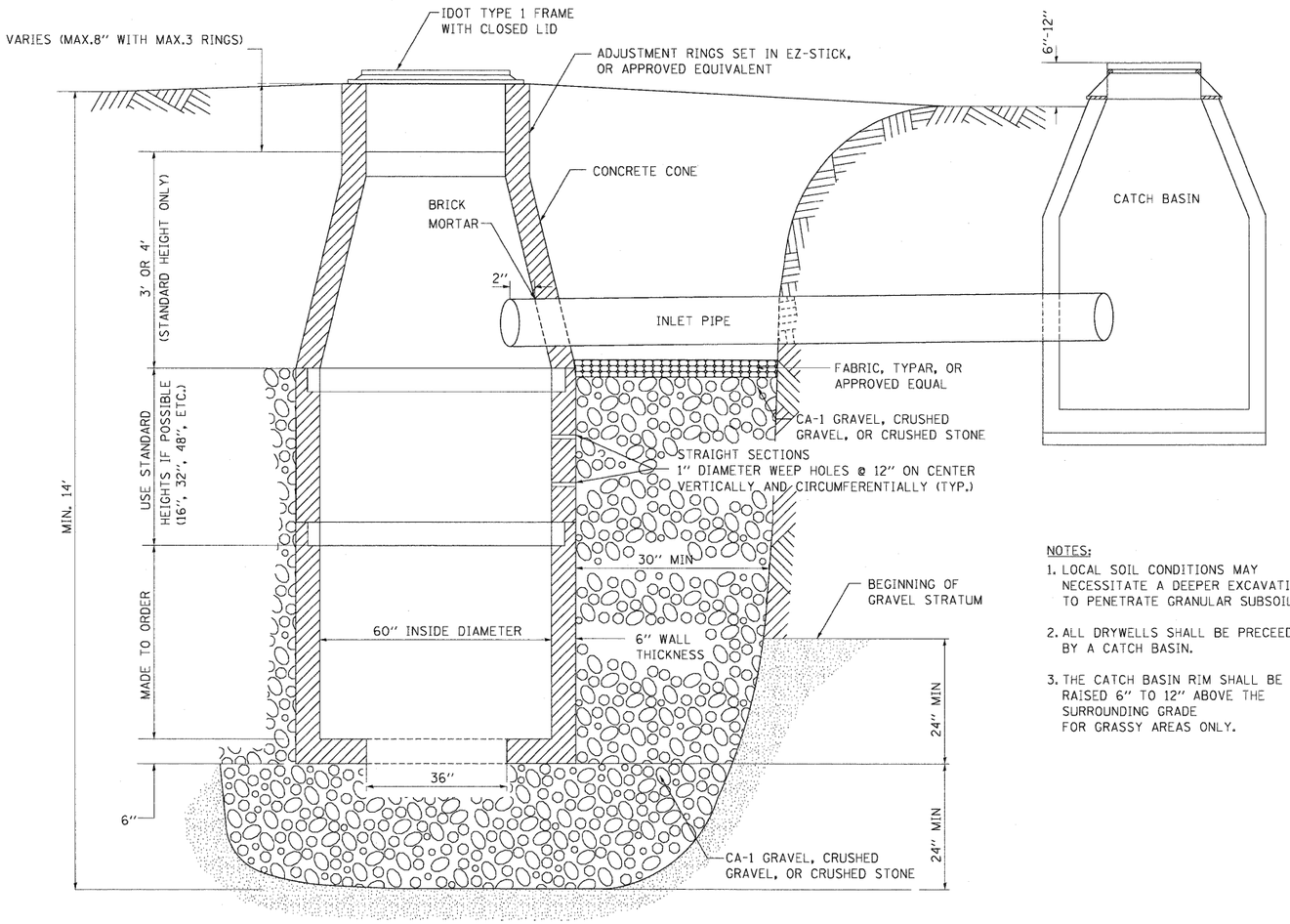
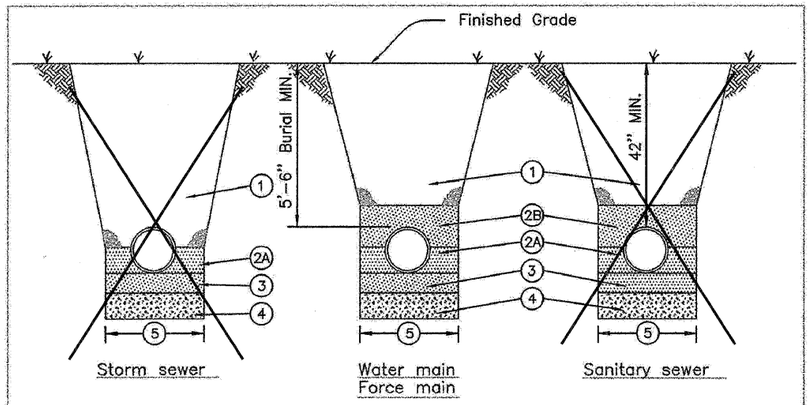


NOTES:

1. LOCAL SOIL CONDITIONS MAY NECESSITATE A DEEPER EXCAVATION TO PENETRATE GRANULAR SUBSOIL.
2. ALL DRYWELLS SHALL BE PRECEEDED BY A CATCH BASIN.
3. THE CATCH BASIN RIM SHALL BE RAISED 6" TO 12" ABOVE THE SURROUNDING GRADE FOR GRASSY AREAS ONLY.

DRY WELL



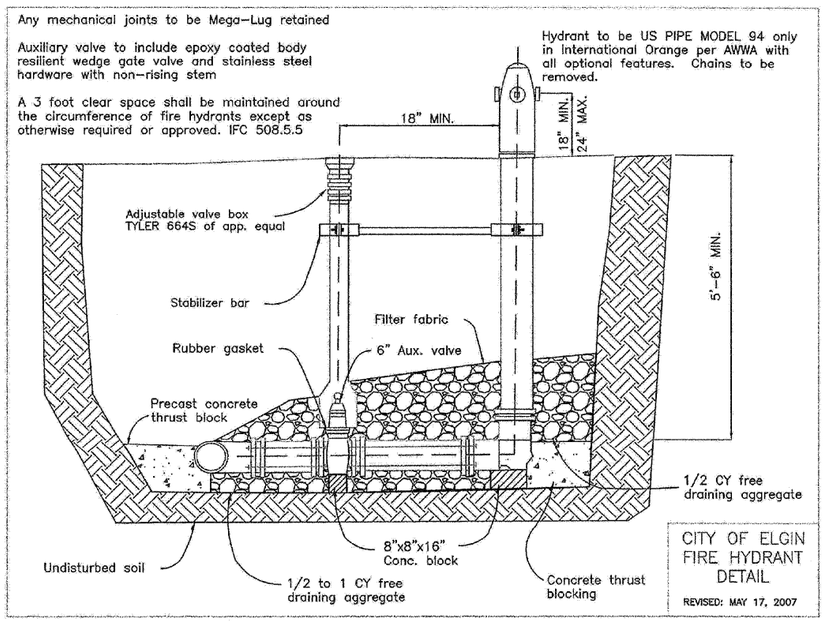
1. Mechanically compacted select granular backfill (CA-6, FA-6, CA-7) in 6 inch lifts under or within 2 feet of any pavement, curb, gutter, drive approach and sidewalk. Machine compaction of excavated material in other locations where suitable.
2. Storm sewer:
   A) Haunching, select granular backfill tamped into place up to spring line of pipe.
   Water main, force main & sanitary sewer:
   A) Haunching, select granular backfill tamped into place up to spring line of pipe
   b) Initial backfill, select granular backfill tamped into place up to 12" above top of pipe
3. 4" MIN. bed mechanically compacted select granular backfill
4. Unsuitable material to be removed and replaced with select granular backfill
5. Trench width per IDOT standards

CITY OF ELGIN
PIPE BEDDING DETAIL
REVISED: MAY 17, 2007

Any mechanical joints to be Mega-Lug retained

Auxiliary valve to include epoxy coated body resilient wedge gate valve and stainless steel hardware with non-rising stem

A 3 foot clear space shall be maintained around the circumference of fire hydrants except as otherwise required or approved. IFC 508.5.5



CITY OF ELGIN
FIRE HYDRANT DETAIL
REVISED: MAY 17, 2007

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - SH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	DRAINAGE AND UTILITY DETAILS - IV DRY WELL DETAIL WATER MAIN BEDDING AND FIRE HYDRANT	F.A.P RTE. 345	SECTION 8R-HB-2-BY-1	COUNTY KANE	TOTAL SHEETS 434 / SHEET NO. 168
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - SH, FS	REVISED -					CONTRACT NO. 60K90	
	PLOT DATE = $DATE$	CHECKED - TL	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
		DATE - 05/18/11	REVISED -						

..\D160K90-BORDER01.DGN 5-12-2011, 16:16:07 HAYWARMZ \\FS-0044\AM\VAULT\D-TRANS_07\2202\21379-001\CIVIL\CAD\60K90\SHEET\D160K90-SHT-DRNDET03.DGN