

① Trench backfill under pavement, curb and gutter shall be compacted granular material, CA-6 and within 2 feet of any proposed curb and gutter or sidewalk. Mechanically compacted backfill of excavated materials in other locations if approved by the Village Engineer. Refer to trench backfill special provisions for compaction requirements.

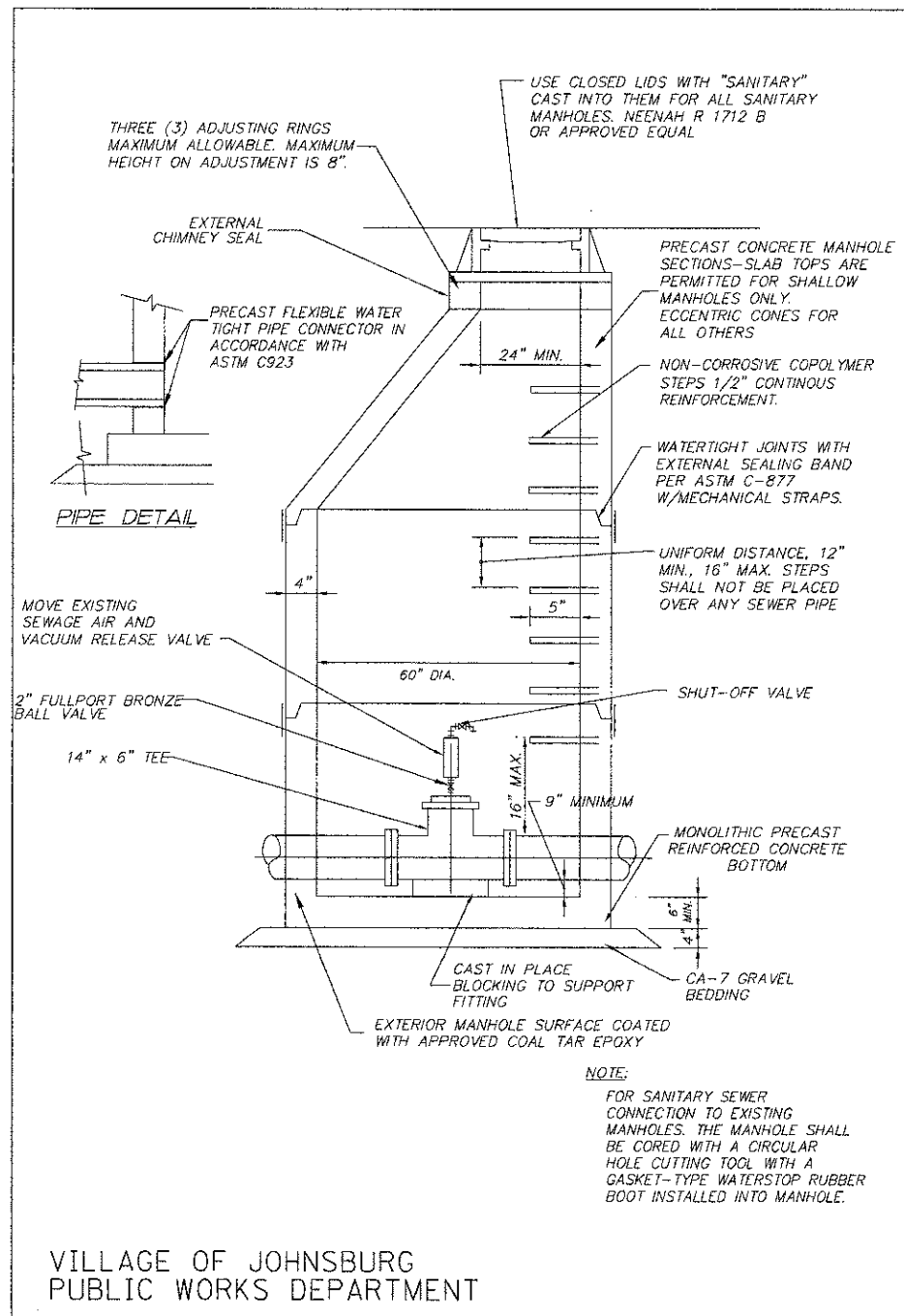
- ② SANITARY SEWER, (ESVCP, DIP) WATER MAIN, FORCE MAIN
COMPACTED GRANULAR MATERIAL CA-8 TO 4" ABOVE TOP OF PIPE.
- ② SANITARY SEWER, (PVC)
COMPACTED GRANULAR MATERIAL CA-6 TO 12" ABOVE TOP OF PIPE.(ALSO SEE NOTE *1 BELOW)
- ② STORM SEWER
COMPACTED GRANULAR MATERIAL CA-6 TO SPRING LINE OF PIPE.
- ③ 4" COMPACTED GRANULAR BEDDING, CA-6 GRADATION.
- ④ UNSUITABLE MATERIAL TO BE REMOVED WHERE DIRECTED BY ENGINEER AND REPLACED WITH SUITABLE MATERIAL AND COMPACTED.
- ⑤ TRENCH WIDTH- PIPE O.D. +12" MINIMUM
PIPE O.D. + 18" MAXIMUM

NOTES

1. PVC PIPE CONFORMING TO THE SDR SPECIFIED IN THE PLANS SHALL BE INSTALLED TO THE LATEST REVISED SPECIFICATION REQUIREMENTS OF THE ASTM D-2321 USING EITHER COMPACTED CLASS I OR CLASS II GRANULAR MATERIALS FOR BEDDING, HAUNCHING AND INITIAL BACKFILL OF 12 INCHES OVER THE TOP OF PIPE TO PROVIDE THE NECESSARY SUPPORT FOR THE PIPE SO THAT THE MAXIMUM DEFLECTION DOES NOT EXCEED 5% OF THE PIPE'S ORIGINAL INTERNAL DIAMETER.

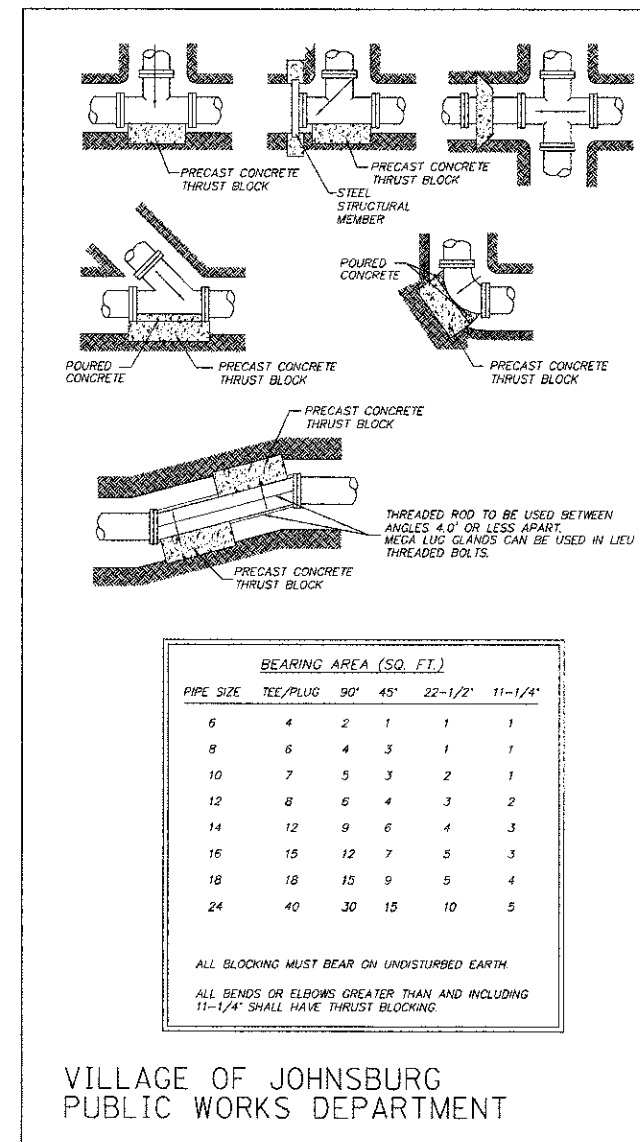
2. ALL CA-6 TO BE IDOT APPROVED OR MEET IDOT SPECIFICATIONS.

VILLAGE OF JOHNSBURG
PUBLIC WORKS DEPARTMENT



VILLAGE OF JOHNSBURG
PUBLIC WORKS DEPARTMENT

AIR RELEASE /MANHOLE DETAIL



VILLAGE OF JOHNSBURG
PUBLIC WORKS DEPARTMENT

THRUST BLOCK INSTALLATION DETAIL

12/19/2012 3:51:50 PM
DATE PLOTTED:
080622-app-details-01.dwg
FILE NAME:
PLOT DRIVER: pdfwpr.plt
PEN TABLE:
standard-trans.tbl



USER NAME = jettone	DESIGNED - JPA	REVISED -
FILE NAME = 080622-app-details-01.dwg	DRAWN - JPA	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JV	REVISED -
PLOT DATE = 12/19/2012	DATE - 12/19/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**SANITARY SEWER PLAN
SANITARY TRENCH BACKFILL AND AIR RELEASE MANHOLE DETAIL**

SCALE: N.T.S. SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE. 168	SECTION 05-00314-00-WR	COUNTY MCHENRY	TOTAL SHEETS 187	SHEET NO. 62
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 63515