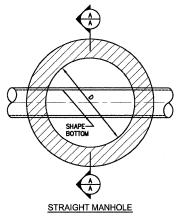
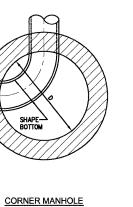
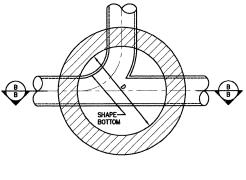


- 2. ALL SANITARY SEWER MANHOLES TO BE WATER TIGHT.
- 3. ALL MANHOLES TO BE BACKFILLED WITH SELECT POROUS GRANULAR MATERIAL.
- 4. 8" Thru 24" diameter sewers to be Laid through manholes with fittings for junctions if required and top half broken OUT. (SANITARY ONLY).



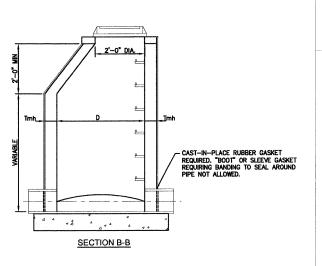






JUNCTION MANHOLE

## STANDARD TYPE 1 FRAME & GRATE FOR SANITARY MANHOLE: NEENAH R-1772-B WITH TYPE "B" SELF-SEALING LID & NF-9204 PICKHOLE OR EQUAL FINAL ADJUSTMENT TO BE MADE WITH PRECAST ADJUSTING RINGS OR WITH BRICKS LAID RADIALLY & MURTARED ADJUSTMENT RANGE: 4" MIN-16" MAX MASTIC IS NOT PERMITTED ON ADJUSTING RINGS 2'-0" DIA. \_\_\_ - POLYPROPYLENE COATED STEPS W/ REFLECTORS ON SIDES, 16" ON CENTERS DIA. OF SEWER MANHOLE Tmh 8"THRU 30" D = 48" 4" 33"THRU 48" D = 60" 5" 54" D = 72" 6" 0\_\_\_9 ALL CAST-IN-PLACE MANHOLES SHALL BE Tmh = 6" THICK PRECAST REINFORCED CONCRETE-6" MIN. CAST-IN-PLACE CONCRETE-8" MIN. SECTION A-A



## Standard Sanitary Manhole Type A

Scale: Not to Scale					
FILE NAME =	USER NAME - \$USER\$	DESIGNED -	RJB/ACH	REVISED -	
0090198_San-DETAILS west.dgn		DRAWN	JTC	REVISED	ı
	PLOT SCALE = \$SCALE\$	CHECKED -	ACH	REVISED	ı
	PLOT DATE = 10/19/2010	DATE -	10/19/10	REVISED -	ĺ
EADNEWORTH COOLD THE CONCLUSION FOR THE THE CHICAGODE					- 7

CITY OF EFFINGHAM

RICKELMAN AVE (FAU 8376) SECTION 07-00112-00-PV SANITARY SEWER DETAILS & GENERAL NOTES

8376

SECTION COUNTY TOTAL SHEE NO. 07-00112-00-PV EFFINGHAM 53 CONTRACT NO. 95635

## **GENERAL NOTES**

- THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS 6TH EDITION SHALL APPLY TO THIS WORK (EXCEPT DIVISION I).
- 2. THE UTILITY COMPANIES HAVE BEEN NOTIFIED OF THE IMPENDING PROJECT. EXISTING UNDERGROUND UTILITIES WERE NOT FIELD LOCATED FOR THE PREPARATION OF THE PLANS, THE CONTRACTOR SHALL HAVE THE RESPONSIBILITY BEFORE ANY CONSTRUCTION WORK HAS BEGUN, OF OBTAINING FROM ALL UTILITIES THE EXACT LOCATION OF ANY UNDERGROUND FACILITIES IN THE AREA OF CONSTRUCTION, WHETHER INDICATED ON THE PLANS OR NOT. ANY FACILITIES DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY HIM AT HIS OWN EXPENSE. THE CONTRACTOR SHALL COORDINATE WITH THE PROPER UTILITY THE RELOCATION OF ANY FACILITY DESIGNATED ON THE PLANS OR DEEMED NECESSARY TO BE RELOCATED BY THE ENGINEER IN ORDER TO COMPLETE CONSTRUCTION OF THE PROJECT.
- 3. GRAVITY SANITARY SEWER PIPE SHALL BE: PVC SDR-26 ASTM D3034, JOINTS-SINGLE GASKET RUBBER, ASTM F-477, MAIN AND FITTINGS SHALL BE INSTALLED PER ASTM D2321.
- 4. WATER SUPPLIES SHALL BE PROTECTED PER SECTION 370,350 OF THE ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS.
- 5. GRAVITY SANITARY SEWER SHALL BE AIR TESTED AND DEFLECTION TESTED PER SECTION 31.1.11B OF THE STANDARD SPECIFICATION FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION.

 $\times\!\!\times\!\!\times\!\!\times\!\!\times\!\!\times$ - Trench Backfill per Standard Specifications for Road & Bridge Construction in Illinois MAX. WIDTH 4/3D+8" - SELECT TRENCH BACKFILL TAMPED BY HAND

SANITARY SEWER TRENCH DETAIL Scale: Not To Scale

SHEET NO. OF SHEETS STA. 13+80.0 TO STA. 24+60.0