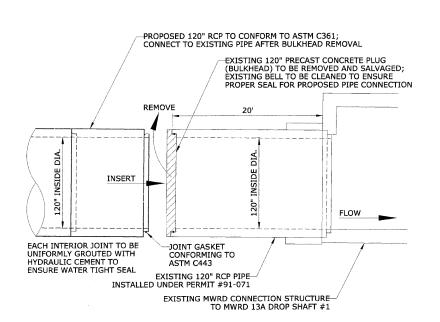
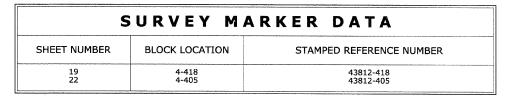


CONTRACT No. 63149



TYPE B CLOSED LID 22-3/4" CAST IRON FRAME AND CLOSED LID, NEENAH R-1713 OR EQUAL WITH TYPE "F" CONCEALED PICKHOLE AND WORD "SANITARY" CAST INTO COVER PATTERN PRECAST CONCRETE GRADE RINGS AS REQUIRED, 2" MINIMUM HEIGHT, 8" MAXIMUM HEIGHT STEEL REINFORCED PLASTIC STEPS INSTALLED 16" ON CENTERS (PRESS-SEAL 14" 108.14850 OR EQUAL) 48"-DIAMETER PRECAST CONCRETE STRUCTURE WITH 4" WALL THICKNESS FABRICATED IN COMPLIANCE WITH ASTM C478. TRANSITION CONE SECTIONS TO BE USED UNLESS ELEVATION REQUIRES USE OF FLAT TOP SECTION. MANHOLE SECTIONS TO BE ASSEMBLED AS REQUIRED TO MEET DESIGN GRADES. PRECAST SECTION JOINTS TO BE KEYED AND SEALED WITH BUTYL RUBBER MASTIC MATERIAL. PRECAST CONCRETE PIPE TEE SECTION FABRICATED IN ACCORDANCE WITH ASTM C-76 60" DIAMETER PIPE BEDDING AGGREGATE (CA-11)



PRECAST "T" MANHOLE FOR 60" SEWER WITH TYPE 1 FRAME AND CLOSED LID

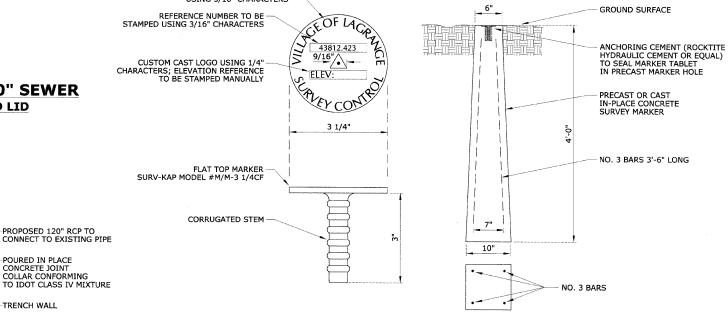
PROPOSED 120" RCP TO

POURED IN PLACE CONCRETE JOINT

TRENCH WALL

PIPE CRADI E FOR CONNECTION SUPPORT AND ALIGNMENT

-UNDISTURBED EARTH



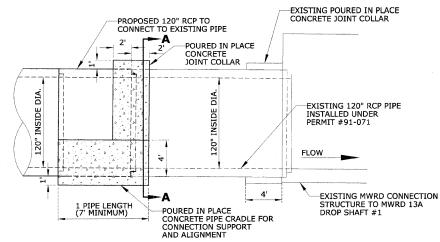
BRASS TABLET

CONCRETE MARKER

PERMANENT SURVEY MARKER

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	ILLINOIS DEPARTME	NI OF TRANSPORTATION
			E IMPROVEMENTS AGE 2
		CONSTRUCTION	DETAILS - SPECIAL
		SCALE: NTS	DRAWN BY H&A
		DATE 02/27/2009	CHECKED BY PFH

EXISTING PRECAST PLUG (BULKHEAD) REMOVAL AND 120" CONNECTION TO EXISTING 120" RCP



ELEVATION VIEW

SECTION A - A

120" INSIDE DIA.

1' MINIMUM

120" CONNECTION TO EXISTING 120" RCP WITH PIPE CRADLE AND JOINT COLLAR