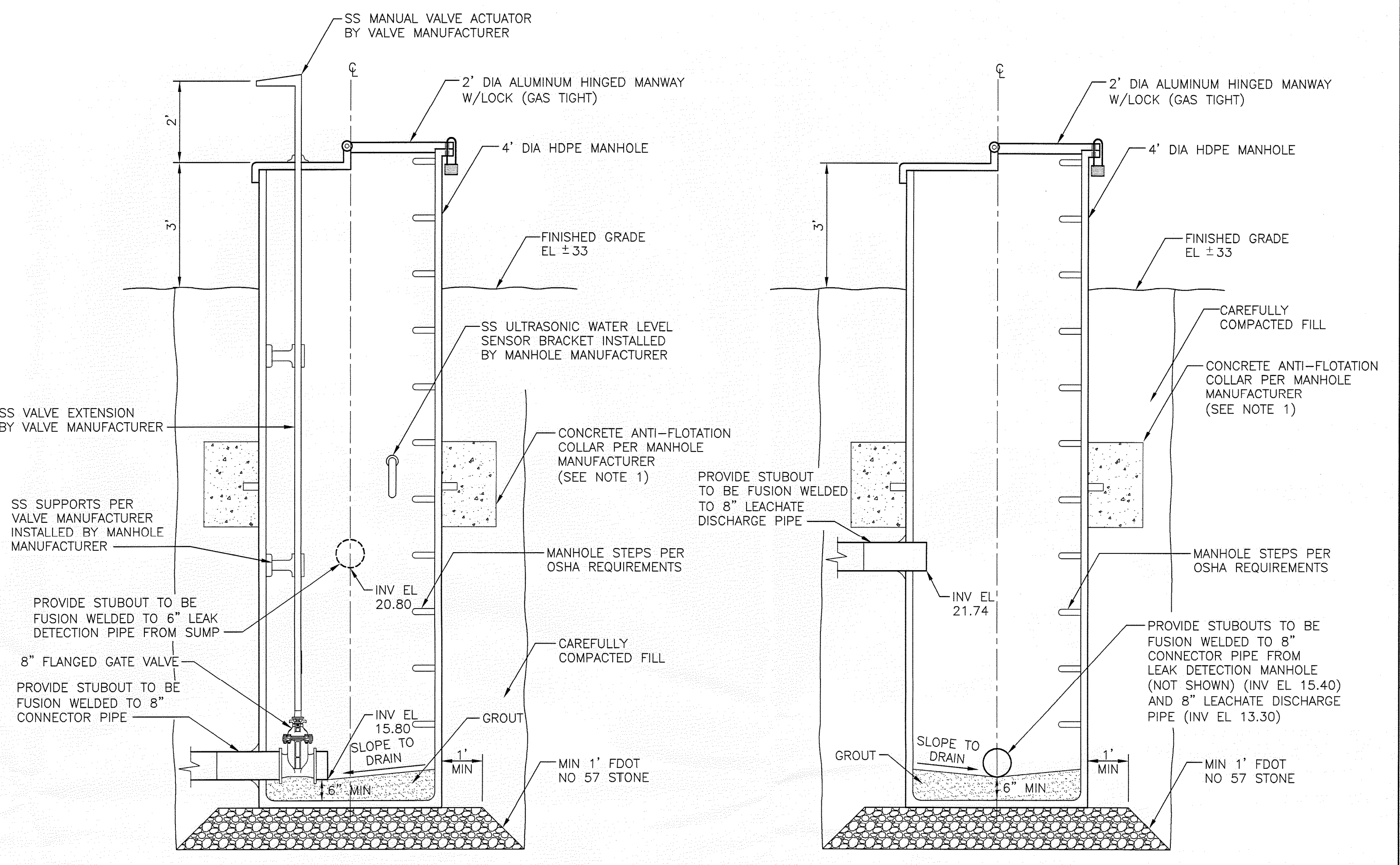
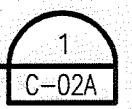


(SEE NOTE 3)

NOTES:

1. ALL PIPES SHALL BE SDR 11 HDPE.
2. LEAK DETECTION PIPE CONTINUES BENEATH LEACHATE COLLECTION PIPE TO SUMP.
3. INVERTS OF LEACHATE COLLECTION PIPE AND LEAK DETECTION PIPE AT PUMP ARE 22.0 FEET NGVD AND 21.0 FEET NGVD, RESPECTIVELY (SEE SECTION A ON SHEET C-14)

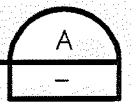
LEACHATE COLLECTION / LEAK DETECTION MANHOLE PLAN
CELL 3
NOT TO SCALE



NOTES:

1. CONCRETE COLLAR SHALL BE DESIGNED BY MANHOLE MANUFACTURER. COMPUTATIONS FOR UPLIFT AND SHOP DRAWINGS SHALL BE SUBMITTED TO ENGINEER.
2. LOCATIONS OF PIPE STUBOUTS HAVE BEEN ADJUSTED FOR EASE OF REPRESENTATION. SEE PLAN VIEWS FOR PROPER PIPE ORIENTATION.
3. PROVIDE ULTRASONIC WATER LEVEL SENSOR TO MEASURE LEACHATE LEVELS IN MANHOLE WITH DIGITAL DISPLAY MOUNTED ON PANEL LOCATED ADJACENT TO MANHOLE.

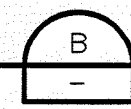
LEAK DETECTION MANHOLE
NOT TO SCALE



NOTES:

1. CONCRETE COLLAR SHALL BE DESIGNED BY MANHOLE MANUFACTURER. COMPUTATIONS FOR UPLIFT AND SHOP DRAWINGS SHALL BE SUBMITTED TO ENGINEER.
2. LOCATIONS OF PIPE STUBOUTS HAVE BEEN ADJUSTED FOR EASE OF REPRESENTATION. SEE PLAN VIEWS FOR PROPER PIPE ORIENTATION.
3. PROVIDE STUBOUT FOR 10" LEACHATE DISCHARGE PIPE (NOT SHOWN) (INVERT EL. 13.20)
4. PROVIDE 10" FLANGED GATE VALVE, SS VALVE EXTENSION AND SS MANUAL VALVE ACTUATOR FOR 8" LEACHATE DISCHARGE PIPE SIMILAR TO THAT SHOWN FOR LEAK DETECTION MH.

LEACHATE COLLECTION MANHOLE
NOT TO SCALE



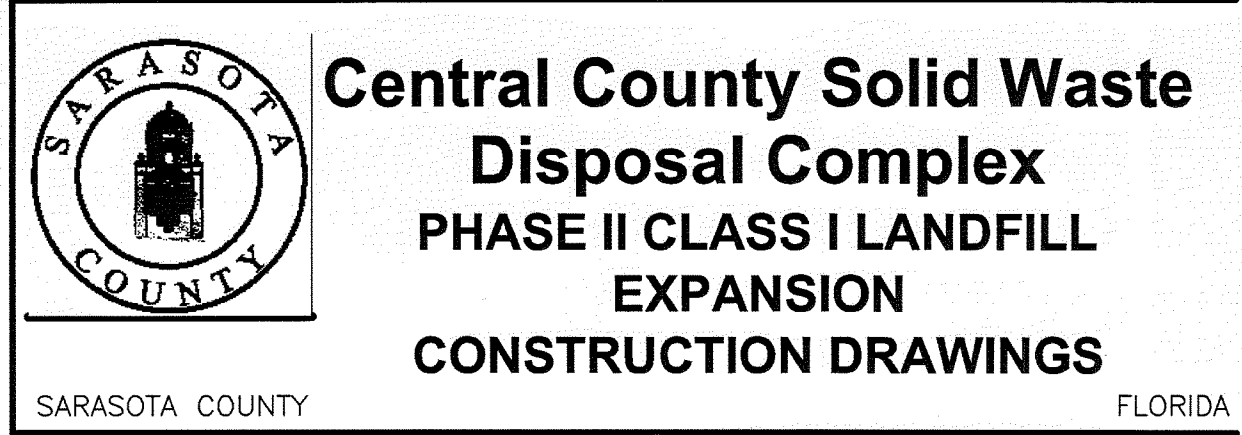
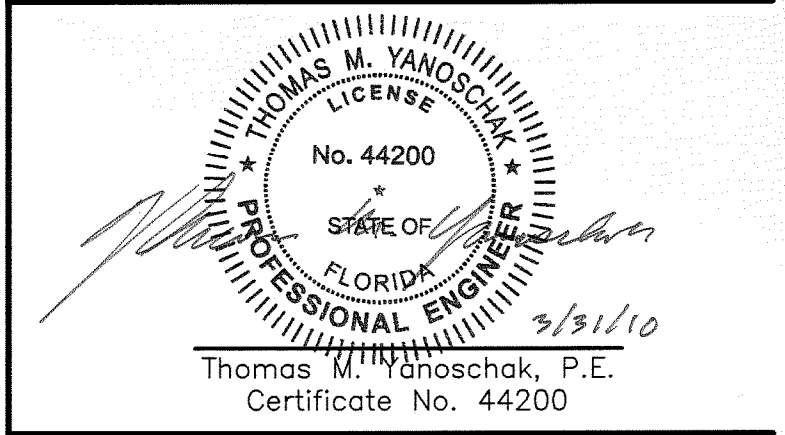
RECORD DRAWING
THIS DOCUMENT HAS BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS AND DEPICTS THE CONTRACTOR'S RECORD OF INSTALLATIONS. HDR ENGINEERING, INC. DOES NOT WARRANT THE ACCURACY OF SUCH INFORMATION OR COMPLETENESS OR FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED INTO THIS DOCUMENT BASED ON THE INFORMATION.
THOMAS M. YANOSCHAK, P.E. P.E. NUMBER 9/31/10
Date 3/31/10
HDR ENGINEERING, INC.

RECORD DRAWING



ISSUE	DATE	DESCRIPTION
B	03/2010	RECORD DRAWING
A	02/2009	ISSUED FOR CONSTRUCTION, CONFORMED TO ADDENDA

PROJECT MANAGER	T.M. YANOSCHAK
REVIEWED BY	J.C. READLING
DRAWN BY	J. HATCHER
PROJECT NUMBER	001916-43485-018



LEACHATE COLLECTION SYSTEM DETAILS CELL 3 (BID ALTERNATE 1)		DATE: APR 13 2010 SOUTHWEST DISTRICT TAMPA
SCALE: AS SHOWN	FILENAME: OOC-17A.dwg	SHEET: C-17A