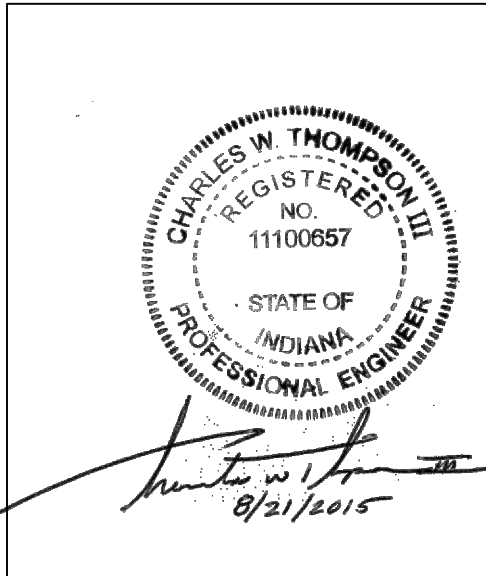
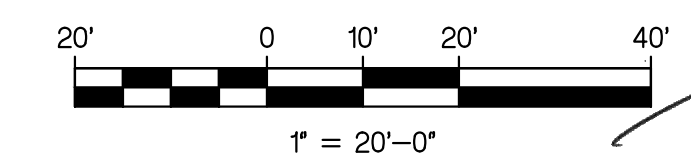


- NOTES:**
- MAINTAIN 18" VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER PIPES. MAINTAIN A 10 FOOT HORIZONTAL SEPARATION BETWEEN WATER AND SEWER PIPES AND 8 FOOT SEPARATION BETWEEN WATER MAIN AND SEWER STRUCTURES.
 - INSTALL FERNCO COUPLINGS AND PIPE TO TRANSITION FROM EXISTING SEWER TO NEW. TRANSITION PIPE AND COUPLINGS TO BE REMOVED PRIOR TO EXTENDING SEWER.
 - PLUG NEW STORM SEWER PIPE BETWEEN PHASES WITH BRICK, MORTAR AND HYDRAULIC CEMENT. BACKFILL WITH LIMESTONE AGGREGATE. INSTALLATION/ REMOVAL SHALL BE INCLUDED IN THE PIPE UNIT PRICE.
 - INSTALL FERNCO, AND PIPE TO TRANSITION FROM MANHOLE TO EXISTING PIPE. REMOVE PIPE AND FERNCO BEFORE EXTENDING SEWER IN LATER PHASE.
 - PROVIDE INLET PROTECTION PER SWPPP FOR ALL STORM AND COMBINED STRUCTURES.
 - 6" SDR 35 PVC SANITARY SERVICE, INCLUDING 6" BY MAINLINE DIAMETER TEE (NO INSERTA TEES), PIPE, NECESSARY FITTINGS AND CLEAN OUT. CAP AT PROPERTY LINE. SEWER VIDEO SHOWING LOCATIONS AND NUMBER OF SEWER SERVICES WILL BE PROVIDED BY LA PORTE WASTE WATER PRIOR TO CONSTRUCTION.
 - THE COST OF ALL CONNECTIONS, ELBOWS, TEE'S AND CLEANOUTS TO BE INCLUDED IN THE PRICE OF 6" SANITARY SERVICE.
 - SEE SHEET 2 FOR ADDITIONAL NOTES

LEGEND		PROPOSED LEGEND	
	EXISTING TREE		PRO. FIRE HYDRANT
	EXISTING FIRE HYDRANT		PRO. WATER VALVE
	EXISTING WATER VALVE		PRO. BUFFALO BOX
	EXISTING BUFFALO BOX		PRO. MAN HOLE
	EXISTING MAN HOLE		PRO. CATCH BASIN
	EXISTING CATCH BASIN		LINE STOP
	EXISTING INLET		SLEEVE
	EXISTING UTILITY POLE		22' BEND
	EXISTING LIGHT POLE		45' BEND
	PROPERTY CORNER		PRO. SANITARY SEWER
	EXISTING GAS		PRO. STORM SEWER
	EXISTING COMBINED SANITARY/STORM		PRO. WATER MAIN
	EXISTING STORM		PRO. SANITARY CLEAN OUT
	EXISTING WATERMAIN		45' BEND
	EXISTING FENCE		CAP
	EXISTING TREE LINE		TEE
	EXISTING ROAD & ALIGNMENT		90' BEND
	RIGHT-OF-WAY		
	CONTROL POINT		

STRUCTURE SIZE/TYPE/NAME	STRUCTURE DETAILS	INVERT ELEVATIONS/LENGTHS/SLOPES
PRO. STM TYPE "C" CB 124 A	RIM = 787.31 SUMP = 781.35 STA: 40+21.56, 12.82' R	PIPE 71, 12" PVC INV. OUT = 783.35 4 LF, 2.67% SLOPE
PRO. STM TYPE "C" CB 124 B	RIM = 787.31 SUMP = 781.35 STA: 40+21.58, 12.96' L	PIPE 72, 12" PVC INV. OUT = 783.35 22 LF, 0.45% SLOPE
PRO. STM TYPE "A" CB 123 A	RIM = 787.49 SUMP = 781.65 STA: 38+79.80, 13.03' L	PIPE 63, 12" PVC INV. OUT = 783.65 25 LF, 0.24% SLOPE



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NIES

Customer: CITY OF LA PORTE, INDIANA
 Project Name: MONROE MANOR SEWER SEPARATION PROJECT
 Project Number: 15-514
 Date & Time: 08/20/15 - 08/26/15

Drawing Title: OAKDALE/SILVERBROOK - UTILITY
 Sub Title: PLAN & PROFILE - STA. 37+00 - STA. 43+20
 Drawing Filename: X:\Projects\APPROVED\WATER\15-514\Drawings\PRO UTILITY\15-514.DWG
 Horizontal Scale: 1" = 20'-0"
 Vertical Scale: 1" = 5'-0"

Designed: CWT
 Drawn: RRH
 Checked: JPP

SHEET 9 OF 37