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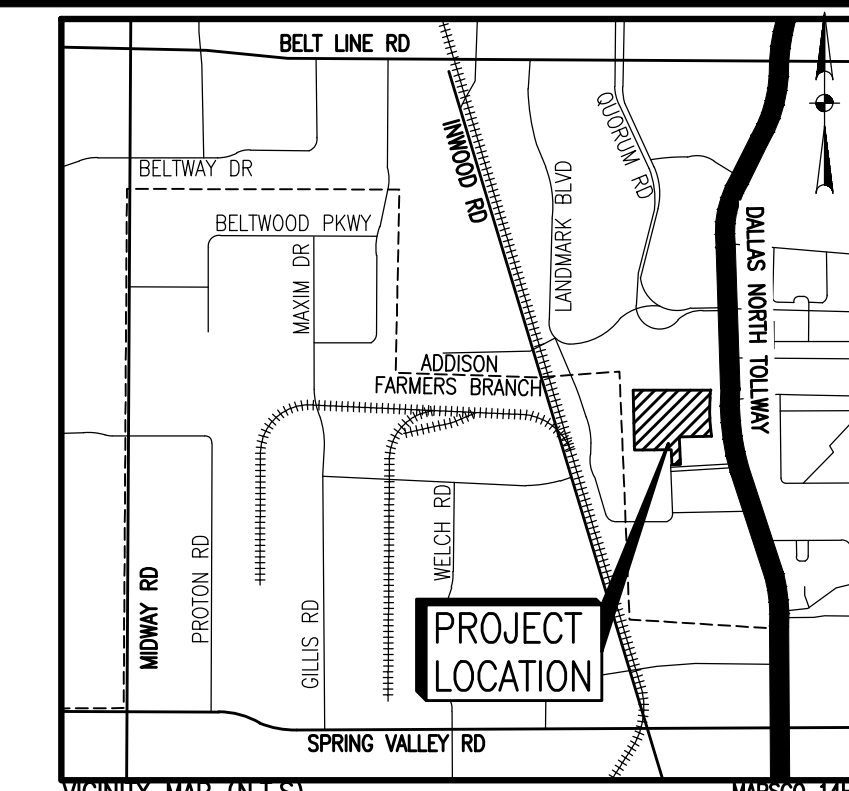
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ADDENDUM #1 01.27.2015
revisions
WCP#1 04.08.2015

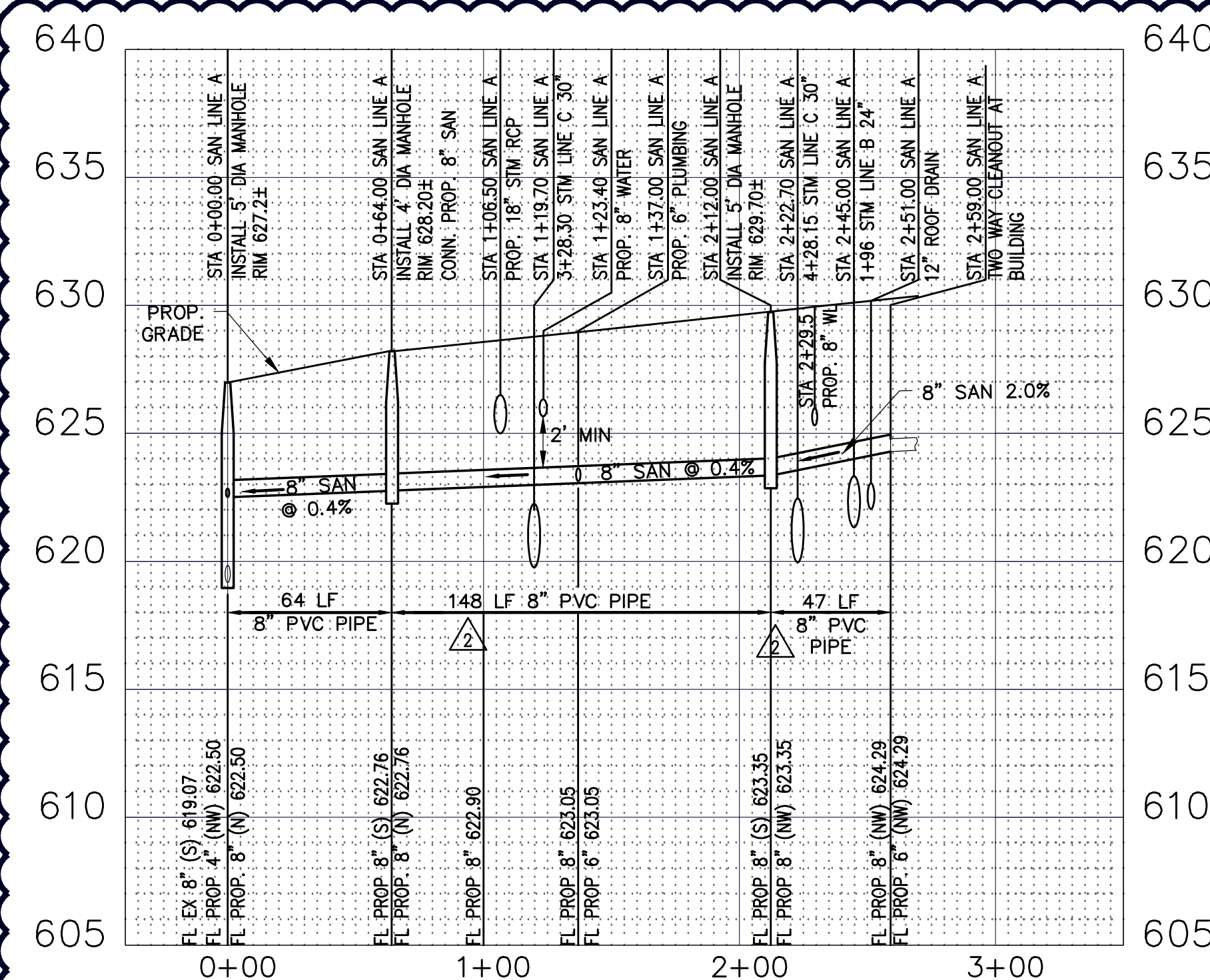
title
UTILITY PROFILES

project number 14067.100
date 01.27.2015
sheet

C8.01

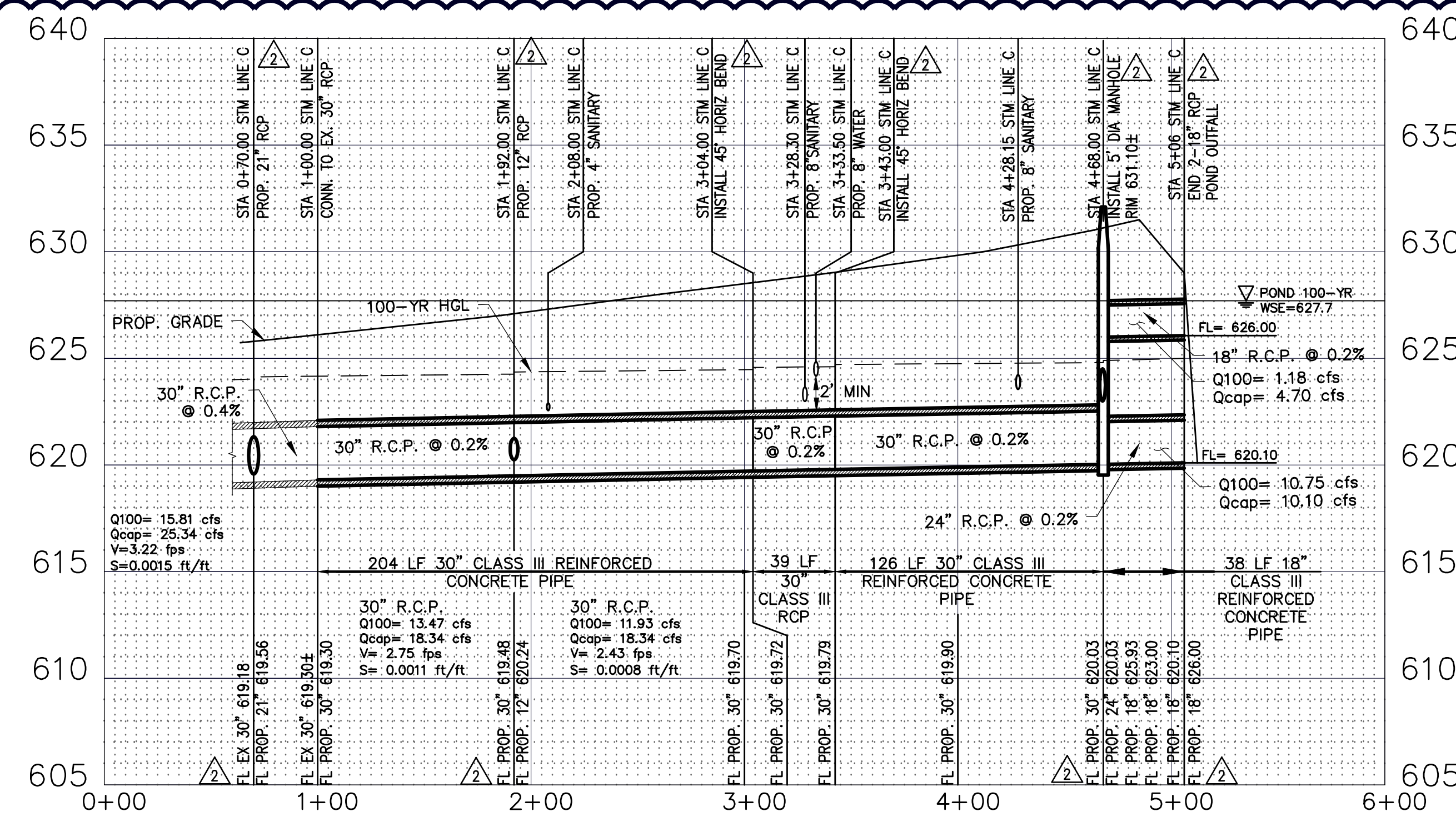


BENCHMARKS:
TEMPORARY/SITE BENCHMARK - MAG NAIL WITH A WASHER STAMPED "JPH LAND SURVEYING" SET ON THE SOUTHWEST CURB LINE OF LANDMARK BLVD APPROX 875' SOUTHEASTERLY OF THE INTERSECTION OF LANDMARK BLVD AND LANDMARK PL. NAVD 88 ELEV. 627.37'
CONTROL POINT NO. COA-14 - 2" BRASS DISK STAMPED "TXDOT COA-14 GPS 1.700' SOUTH EAST FROM THE INTERSECTION OF LANDMARK PL & LANDMARK BLVD THEN 40.6' WEST OF STREET SIGN, & 15' NORTH OF CHAINLINK FENCE & 70.5' EAST OF STREET SIGN NAVD 88 ELEV. 623.19' N 7.030 466.478 E 2.482 171.600 (STATE PLANE) DALLAS COUNTY SCALE FACTOR 1.000136506



8" SANITARY LINE A PROFILE VIEW
SCALE: 1"=50'-0" HORIZONTAL
1"=5'-0" VERTICAL

ALL SANITARY SEWER LINES SHALL BE GREEN PRESSURE-RATED PVC DUE TO LACK OF ROOM REQUIRED FOR SEPARATION FROM OTHER UTILITIES.



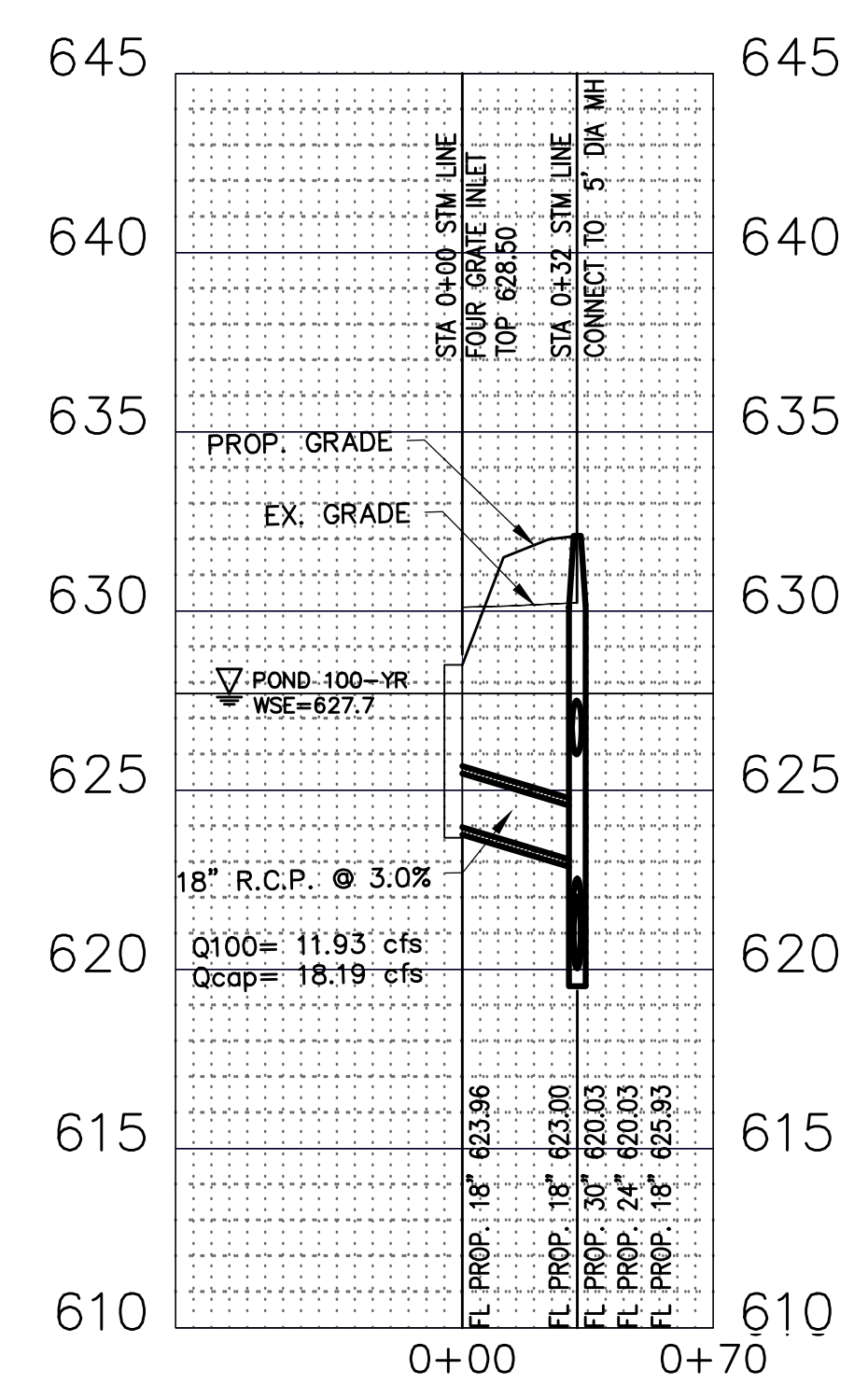
30" STORM LINE C PROFILE VIEW
SCALE: 1"=50'-0" HORIZONTAL
1"=5'-0" VERTICAL

STORM DRAIN SYSTEM CALCULATIONS

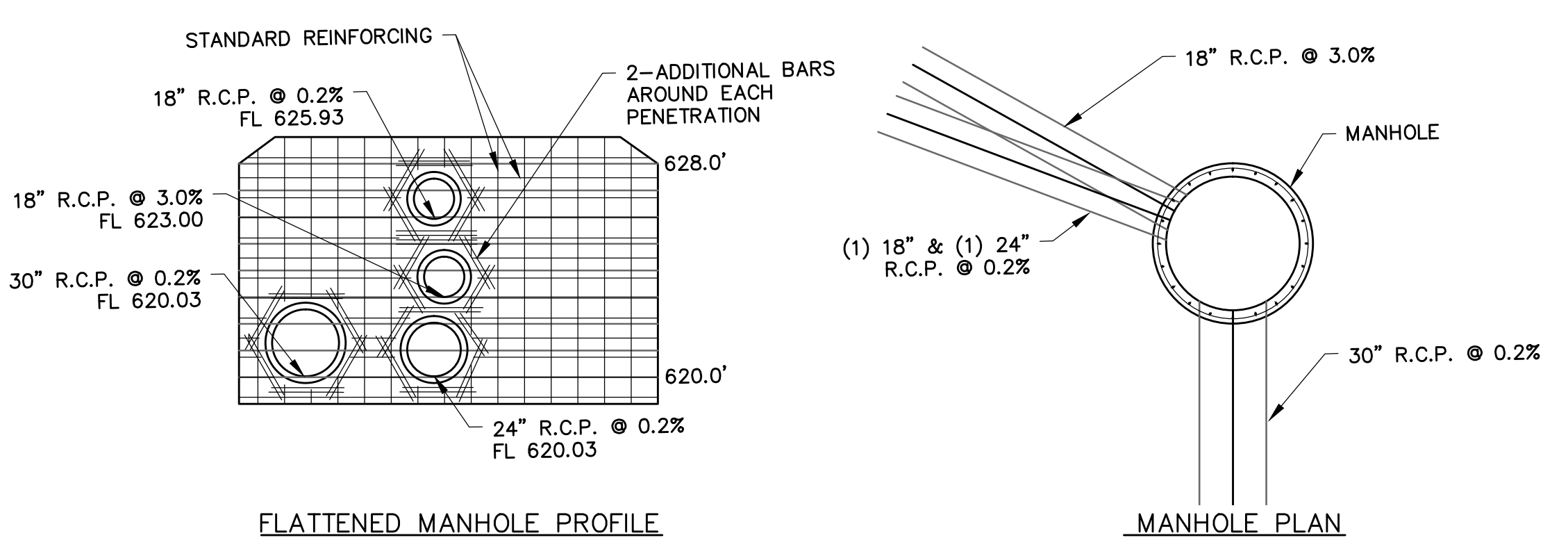
UP STREAM STATION	DOWN STREAM STATION	DISTANCE BETWEEN COLLECTION POINTS (FT)	INCREMENTAL DRAINAGE AREA				ACQUILATED "CA"	TIME AT UPSTREAM STATION (MIN)	FLOW TIME (MIN)	TIME AT DIS STATION (MIN)	STORM FREQUENCY (YEARS)	INTENSITY "I" (INHR)	RUNOFF "Q" (CFS)	STORM SEWER SIZE (IN)	SLOPE OF HYDRAULIC GRADIENT (FT/FT)	HYDRAULIC GRADIENT ELEVATION		INFLOW VELOCITY "V1" (FPS)	OUTFLOW VELOCITY "V2" (FPS)	VELOCITY HEAD "VH1" (FT)	VELOCITY HEAD "VH2" (FT)	HEAD LOSS COEFF. "K"	FRICTION HEAD LOSS IN PIPE "L" (FT)	HEAD LOSS "H" (FT)	ELEV. HGL @ DESIGN PT (FT)		
			AREA NO.	DRAINAGE AREA "A" (ACRES)	Total Area (ACRES)	RUNOFF COEFF. "C"										INCREMENTAL "CA"	UP STREAM									DOWN STREAM	
5107	4+68	39.00	6.50	6.50	0.25	1.63	1.63	10.00	0.17	10.17	100	9.27	11.93	24	0.0028	625.00	624.90	0.00	3.80	0.00	0.22	1.28	0.00	0.11	0.28	625.28	
4+68	3+43	125.00	6.50	0.25	0.00	1.63	10.00	0.86	11.03	100	9.27	11.93	30	0.0008	624.80	624.69	3.80	2.43	0.22	0.09	0.64	75-BEND	0.11	0.10	624.90		
3+43	3+04	39.00	6.50	0.25	0.00	1.63	10.00	0.27	11.30	100	9.27	11.93	30	0.0008	624.59	624.56	2.43	2.43	0.09	0.09	50	45-BEND	0.03	0.10	624.69		
3+04	1+92	112.00	6.50	0.25	0.00	1.63	10.00	0.77	11.80	100	9.27	11.93	30	0.0008	624.46	624.36	2.43	2.43	0.09	0.09	50	45-BEND	0.09	0.10	624.56		
1+92	0+70	122.00	L+P	0.43	6.93	0.25	0.11	1.73	11.80	0.74	12.54	100	9.27	13.47	30	0.0011	624.26	624.13	2.43	2.74	0.09	0.12	0.75	0.07	0.13	0.10	624.36
0+70	0+50	20.00	M	0.28	7.21	0.90	0.25	1.98	12.54	0.10	12.64	100	9.27	15.81	30	0.0015	624.03	624.00	2.74	3.22	0.12	0.16	0.75	0.09	0.03	0.10	624.13
																										624.00	

CAUTION!!!
EXISTING PHONE, GAS, ELECTRICAL, FIBER OPTIC & CATV LINES IN PROJECT AREA. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. NOTIFY TEXAS ONE CALL AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
811

CALL BEFORE YOU DIG!
TEXAS ONE CALL PARTICIPANTS REQUEST 48 HOURS NOTICE BEFORE YOU DIG, DRILL, OR BLAST - STOP CALL
Texas One Call System
811



18" OVERFLOW OUTFALL PROFILE VIEW
SCALE: 1"=50'-0" HORIZONTAL
1"=5'-0" VERTICAL



STA. 4+68 LINE C MANHOLE DETAIL
SCALE: 1"=5'-0"

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DATE	DESCRIPTION	REF. NO.				
04-08-15	WCP#1					
UTILITY PROFILES						
C8.01						
CAWLEY TOLLWAY OFFICE BUILDING						
PART OF TRACT 31, JOSIAH PANCOAST ABSTRACT						
14675 DALLAS PARKWAY, ADDISON, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
SLH	PCC	APRIL 2015	1" = 50' H 1" = 5' V			14-11