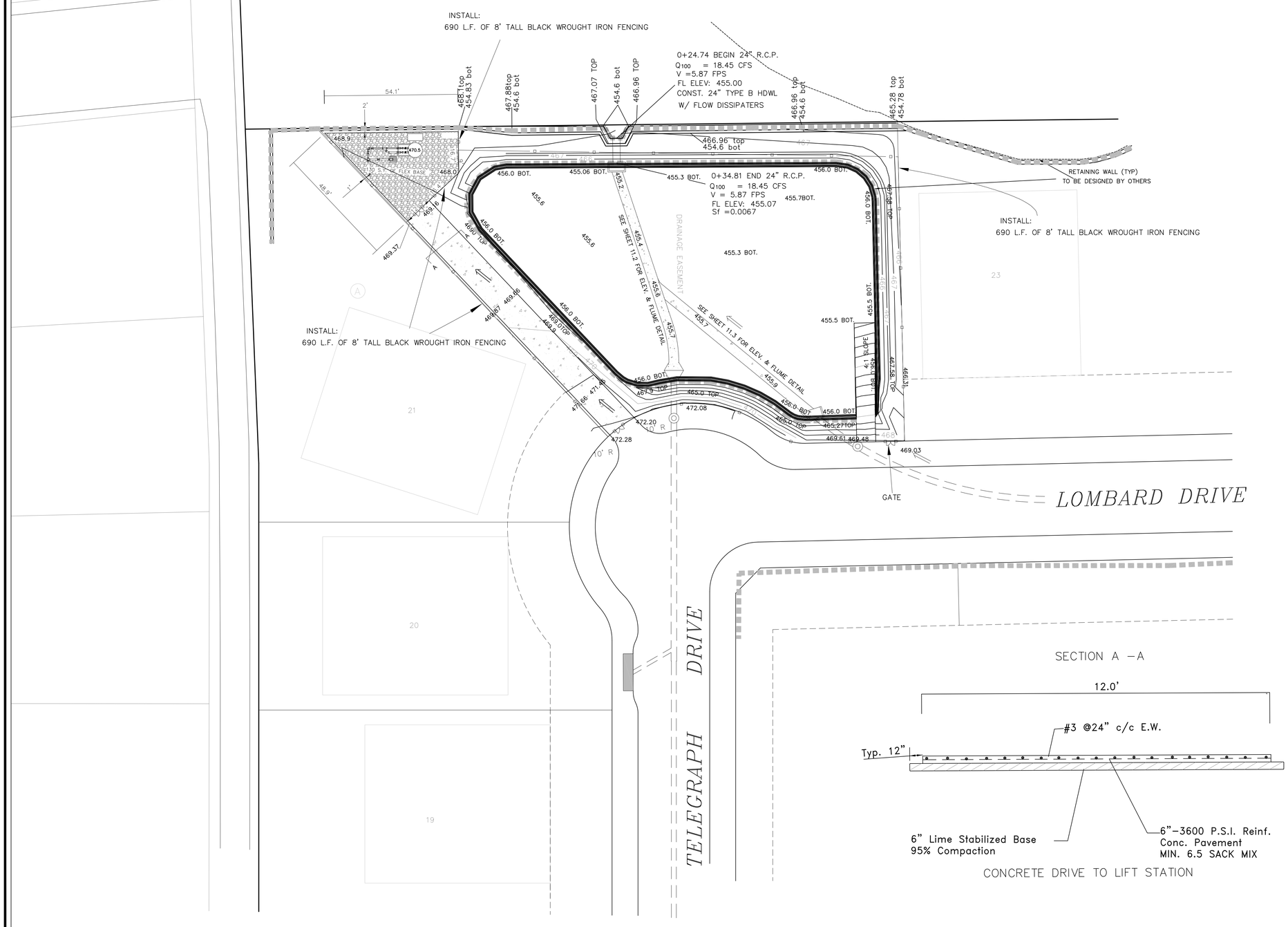
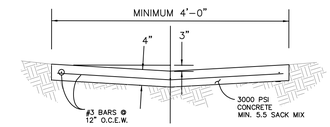
offsite drainage	cfs	FREE FLOW	AREA			TOTAL SUBDIVISION AREA TO BE DETAINED			38.056 ACRES
	DEV		ACRES				EXIST CFS		
1	6.42	DEV. FLOW	1.31			38.92 AC	116.25		
14	5.63	DEV. FLOW	1.15						
16	3.97	DEV. FLOW	0.81		LESS	OFFSITE DRAINAGE	44.05	LESS	
25	6.66	DEV. FLOW	1.36						
32	7.11	DEV. FLOW	1.45		STORM A		19.75	LESS	
39	2.35	DEV. FLOW	0.48						
46	4.85	DEV. FLOW	0.99		STORM B		34.00	LESS	
48	7.06	DEV. FLOW	1.44						
					RELEASE = EX. CFS - FREE FLOW - STORM A - STORM B				
	44.05	DEV. FLOW	8.99						
						RELEASE =	18.45	CFS	





4' PILOT CHANNEL
N.T.S.

GENERAL NOTES

1. COMPACTED SUBGRADE TO 95% STD. PROCTOR, ASTM D698

2. BOTTOM AND SIDES MUST BE SODDED OR COVERED WITH SEEDED ANCHORED CURLEX PRIOR TO PAVING.

3. DETENTION SHOULD BE FULLY FUNCTIONING PRIOR TO PAVIMG.

SECTION A –A

CONCRETE DRIVE TO LIFT STATION

BENCHMARKS:
BRASS CAP MONUMENT NO. 10 SET IN CONCRETE IN THE CENTER OF GRASS MEDIAN IN MASTERS DRIVE BETWEEN NORTH LAKESHORE & SHORES BLVD.

N 7032464.6317, E 2589554.1518
ELEV. = 524.62

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY W.L. DOUPHRATE II TEXAS P.E. NO. 60102, F-886, ON DATE: OCT. 3, 2014

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DETENTION POND PLAN
LAKEVIEW SUMMIT, PHASE IV
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

REVISION

W.L.D.
CHECKED

K.E.B.
DRAWN

10/03
DATE

9919-4DENTPOND
PROJECT

12.1
OF