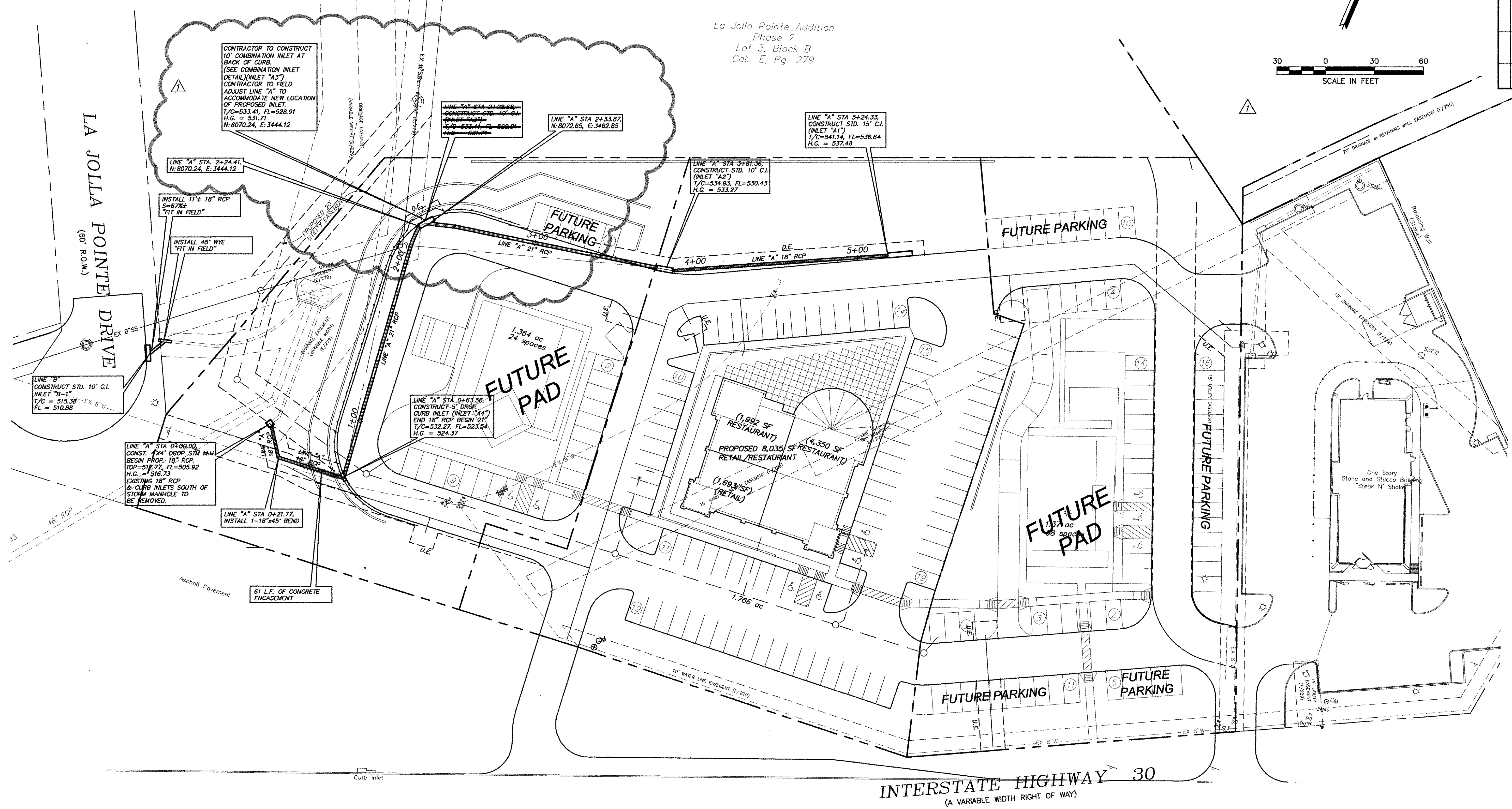


Wilkinson Commons
 ROCKWALL, TEXAS

DRAINAGE PLAN

Scale: 1"=30'
 Designed by: LHR
 Drawn by: JWH
 Checked by: MSA
 Date: MAY 29, 2007
 Project No. 070-001

La Jolla Pointe Addition
 Phase 2
 Lot 3, Block B
 Cab. E, Pg. 279



INLET CALCULATIONS

INLET No.	Location	Design Storm Frequency (yrs.)	AREA RUNOFF Q = CIA				Carry-Over From Upstream Inlet (cfs.)	Gutter Slope (ft./ft.)	Crown Type	SELECTED INLET			Carry-Over To Downstream Inlet (cfs.)	
			Time of Conc. (min.)	Intensity "i" (in./hr.)	Runoff Coeff. "c"	Area (Ac.)				"q" (cfs.)	Length "L" (feet)	Type		Capacity (cfs.)
1	2	3	4	5	6	7	8	9	12	13	14	15	16	
A1	LINE "A"	100	15	9.8	0.9	1.20	10.58	0	3.30%	N/A	15	C.I.	9.00	1.58
A2	LINE "A"	100	10	9.8	0.9	0.72	6.35	1.58	5.00%	N/A	10	C.I.	5.20	2.73
A3	LINE "A"	100	10	9.8	0.9	0.31	2.73	2.73	SUMP	N/A	10	COMBINATION INLET	24.0	0
A4	LINE "A"	100	10	9.8	0.9	1.28	11.29	0	SUMP	N/A	5	C.I.	12.5	0
B1	LA JOLLA	100	10	9.8	1.0	0.47	4.61	0	SUMP	N/A	10	C.I.	6.30	0

RECORD DRAWING
 TO THE BEST OF OUR KNOWLEDGE ALLEN & RIDINGER, HEREBY STATES THAT THIS PLAN IS AS-BUILT. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.
 DATE: 5/29/07
Michael S. Allen

C:\p\070001\070001.dwg Wilkinson Commons\070001.dwg 7/28/2008 2:28:45 PM Jim Highfill 130