

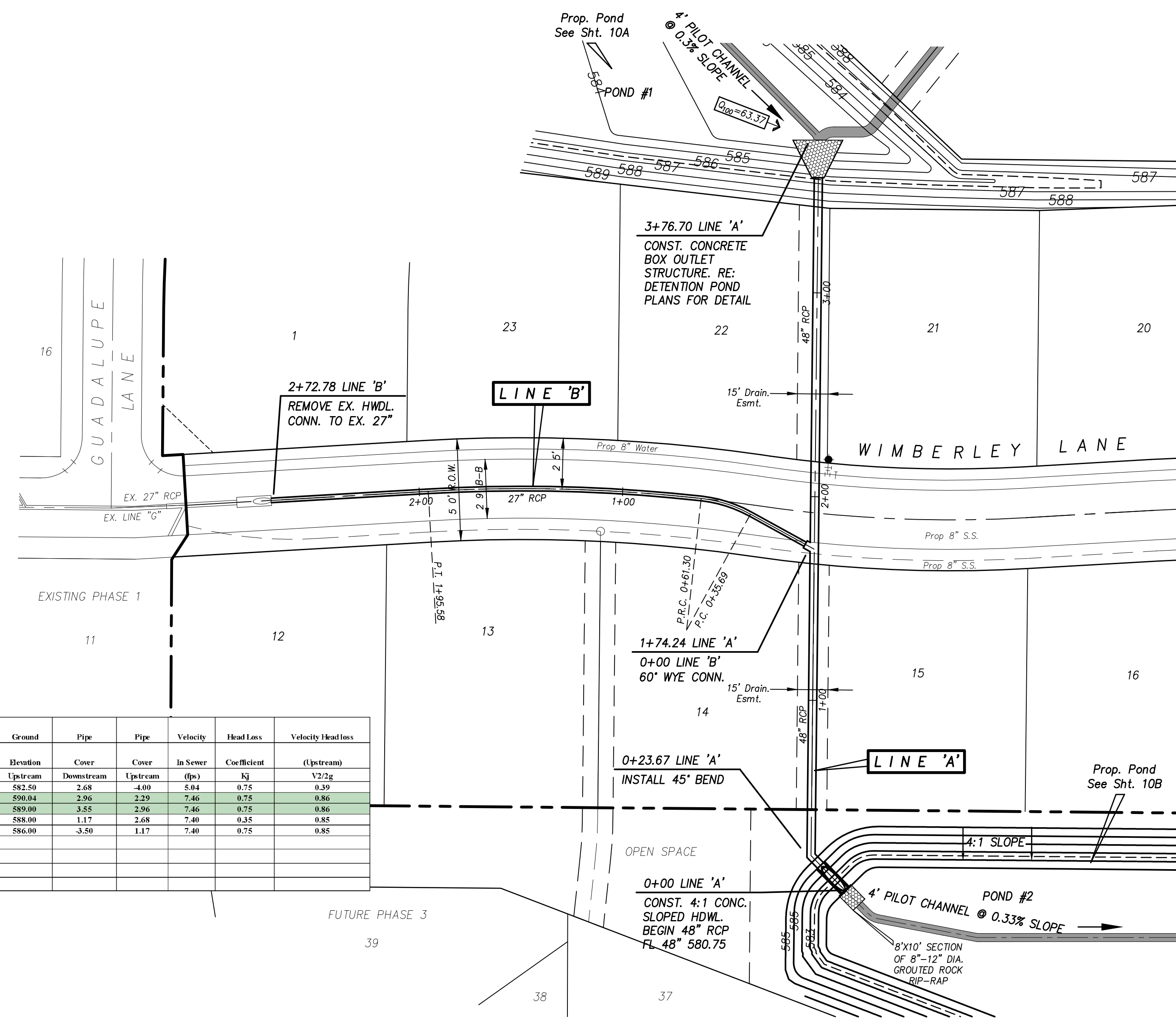
CAUTION EXISTING UTILITIES !!!

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE THE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

BENCHMARK:

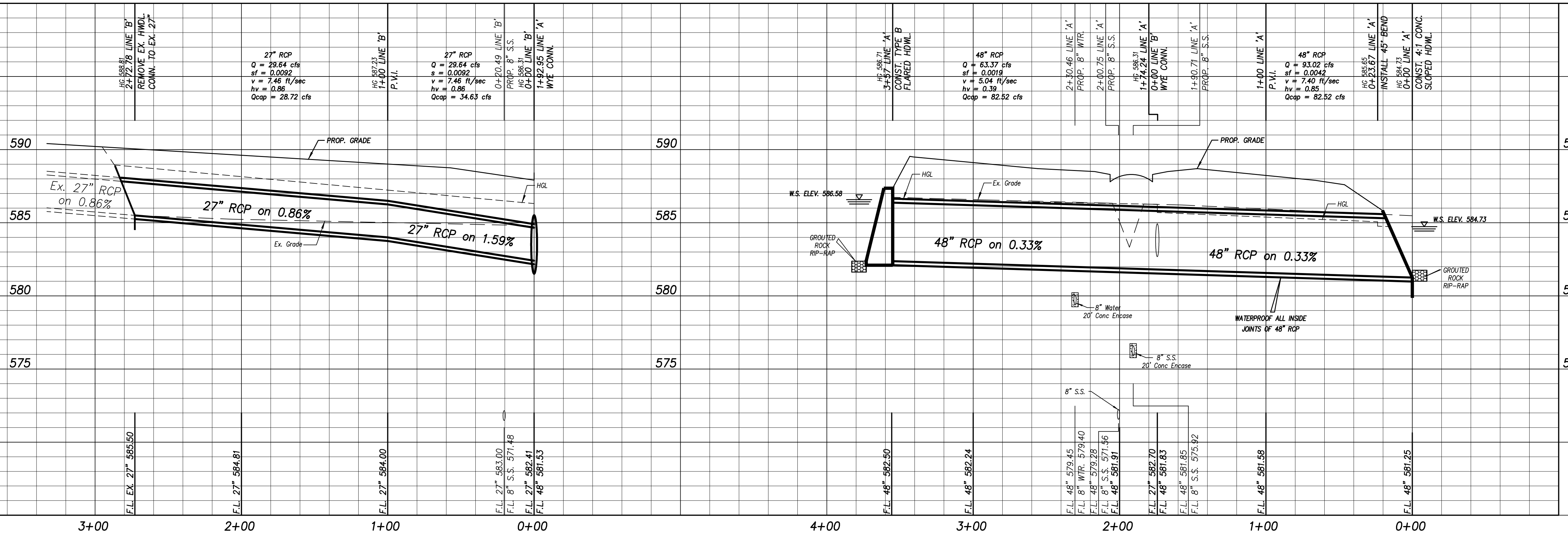
"X" ON TOP OF CURB WEST NOSE OF MEDIAN AT ENTRANCE TO FONTANNA RANCH WIMBERLEY LN.
ELEV. 570.06

RUNOFF COLLECTION		Distance	Area	Drainage	Run off	Accumulated	Design Storm	Intensity	Storm Water	Pipe Capacity	Pipe	Conveyance	Hydraulic	Selected	Headline	Flowline	HGL	HGL	Ground	Ground	Pipe	Pipe	Velocity	Head Loss	Velocity Head Loss
Downstream	Upstream	Between	No.	Area	coefficient	"CA"	Frequency	"I"	Runoff	Q(cap)	Slope S	K	Slope SF	Pipe Size	Elevation	Elevation	Elevation	Elevation	Elevation	Elevation	Cover	Cover	In Sewer	Coefficient	(Upstream)
Station	Station	Points	"A" (Acres)	"C"	"CA"	(years)	(in/hr)	Q(cfs)-Q (cfs)	cfs	(ft)	(ft)	(ft)	(ft)	(in)	Downstream	Upstream	Downstream	Upstream	Downstream	Upstream	Downstream	Upstream	(ft)	N ₁	V ₂ /g
1+74.24	3+75.00	183.76	POND #1	n/a	n/a	n/a	100	8.30	63.37	82.52	0.0033	1436.43	0.0019	48	581.32	582.50	586.31	588.00	582.50	582.50	2.68	4.00	5.84	0.75	0.39
1+00.00	2+72.78	173.78	Phase 1 Storm Line	6.05	0.50	3.03	100	9.80	29.65	28.72	0.0086	309.70	0.0092	27	583.79	585.50	587.23	588.81	589.00	590.04	2.96	2.39	7.46	0.75	0.86
0+00.00	1+00.00	100.00	Phase 1 Storm Line	6.05	0.50	3.03	100	9.80	29.65	29.65	0.0159	309.70	0.0092	27	582.20	583.79	586.31	587.23	588.00	589.00	2.55	2.96	7.46	0.75	0.86
0+23.67	1+74.24	150.57	POND #1	n/a	n/a	n/a	100	8.30	93.02	82.52	0.0033	1436.43	0.0042	48	580.83	581.22	585.13	585.76	586.00	588.00	1.17	2.68	7.40	0.85	0.85
0+00.00	0+23.67	23.67	POND #1	n/a	n/a	n/a	100	8.30	93.02	82.52	0.0033	1436.43	0.0042	48	580.75	580.83	584.73	584.83	581.25	586.00	-3.50	1.17	7.40	0.75	0.85
			LINE A																						
			LINE B																						



LINE 'B'

LINE 'A'



Revision	Date	Description

FONTANNA RANCH, LTD.
6750 HILLCREST PLAZA DR., S. 325 • DALLAS, TX 75230 • 972-386-3333

Fontanna Ranch Ph. 2

F.C. CUNY CORPORATION
#2 Horizon Court • Ste. 300 • Heath, Texas 75032
Phone: 469-402-7700
Fax: 469-402-0700
Texas Registered Engineering Firm F-7449

6-7-2017

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY CHRISTOPHER R. CUNY, P.E. 65642

6-7-2017
F.C. CUNY, CORPORATION
F-7449

Drawn By: FC CUNY
Checked By: FC CUNY
Date: 4-16
Project No.:
Sheet Title:
Lines A & B
Storm Sewer Plan & Profile
Scale: h: 1" = 40'
v: 1" = 4'
Sheet No.: 11 of 17

Fontanna Ranch Ph. 2

RECORD DRAWING