

# REFERENCE ONLY

### GENERAL NOTES

- REFERENCE STORM SEWER NOTES SHEET CO.1 FOR PIPE MATERIAL REQUIREMENTS.
- REFERENCE MEP PLANS FOR EXACT CONTINUATION OF PROPOSED STORM SEWER INSIDE OF BUILDING.
- FOR JUNCTION BOX, STORM MANHOLE AND BACKFILL DETAILS, SEE SHEET CS.0.
- CONTRACTOR TO VERIFY STORM SEWER CONNECTION FOR LOCATION AND DEPTH PRIOR TO ORDERING MATERIALS OR COMMENCEMENT OF WORK.

### LINE TABLE

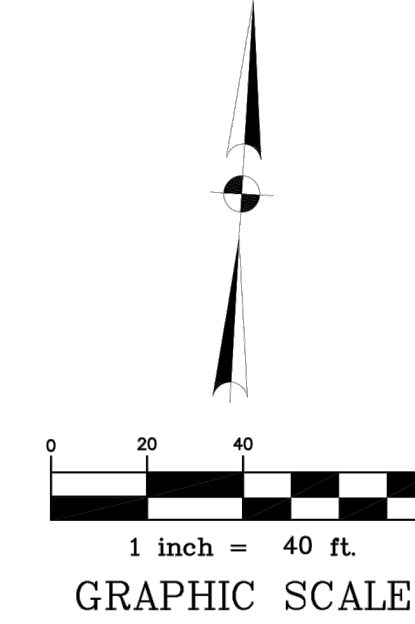
LINE	BEARING	DISTANCE
L1	N 03°18'05" W	65.64'
L2	N 02°59'18" W	45.79'
L3	S 52°03'04" E	111.18'
L4	S 51°43'05" E	25.17'
L5	S 03°15'13" E	96.01'
L6	S 41°41'54" W	43.04'

### CURVE TABLE

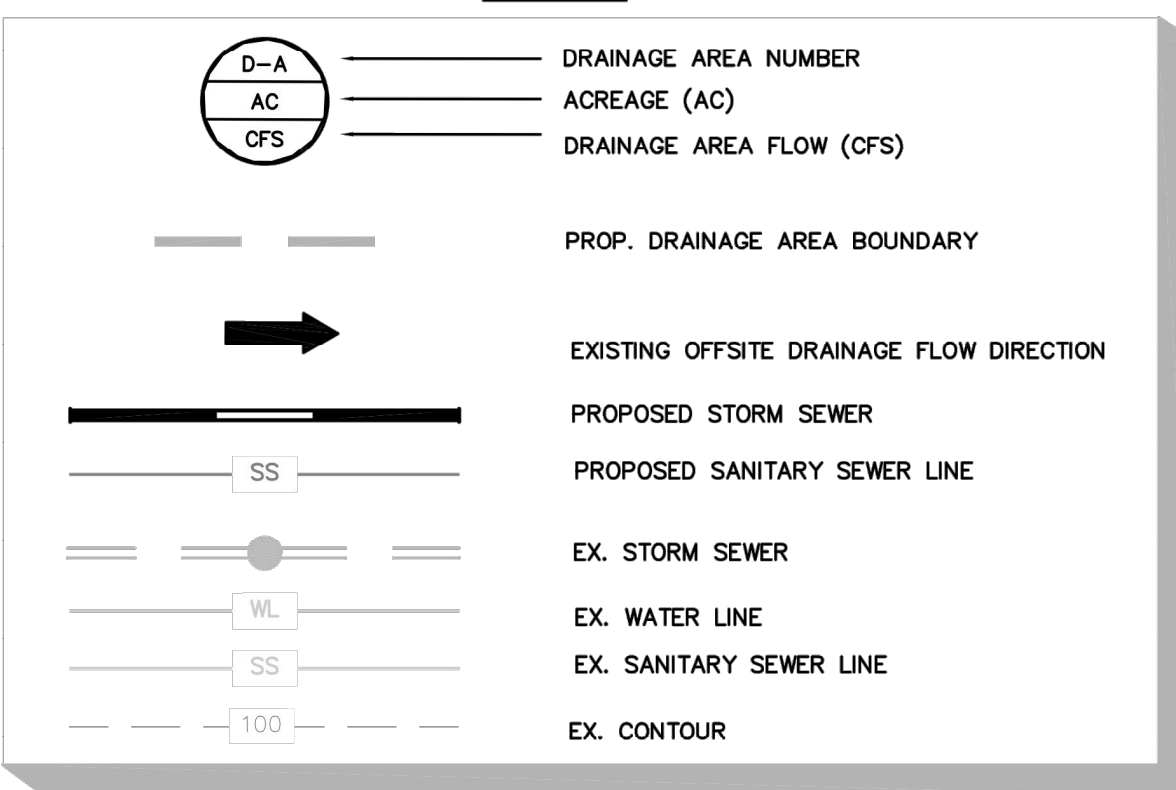
CURVE	RADIUS	DELTA	LENGTH	BEARING	CHORD
C1	467.50'	07°51'44"	64.15'	S 37°57'52" E	64.10'
C2	340.00'	48°27'52"	287.59'	S 27°29'09" E	279.10'

### CROSSING TABLE

	SAN	STM	CLR
A	8" 55.88'	36" 57.41'	0.86'
B	8" 55.99'	36" 57.43'	0.77'
C	8" 56.53'	30" 57.85'	0.65'
D	8" 56.78'	30" 57.95'	0.50'



### LEGEND



### DISTRICT NOTES

- ANY GOVERNMENTAL BODY FOR PURPOSES OF DRAINAGE WORK MAY USE DRAINAGE EASEMENTS AND FEE STRIPS PROVIDED THE DISTRICT IS PROPERLY NOTIFIED.
- PERMANENT STRUCTURES, INCLUDING FENCES AND PERMANENT LANDSCAPING, SHALL NOT BE ERECTED IN A DRAINAGE EASEMENT OR FEE STRIPS.
- MAINTENANCE OF DETENTION FACILITIES IS THE SOLE RESPONSIBILITY OF THE OWNER OF THE PROPERTY. THE DISTRICT WILL PROVIDE MAINTENANCE OF REGIONAL FACILITIES OWNED AND CONSTRUCTED BY THE DISTRICT, OR SUB REGIONAL FACILITIES CONSTRUCTED BY DEVELOPER(S) FOR WHICH OWNERSHIP HAS BEEN TRANSFERRED TO THE DISTRICT WITH THE DISTRICT'S APPROVAL. THE DISTRICT IS RESPONSIBLE ONLY FOR THE MAINTENANCE OF FACILITIES OWNED BY THE DISTRICT UNLESS THE DISTRICT SPECIFICALLY CONTRACTS OR AGREES TO MAINTAIN OTHER FACILITIES.
- CONTRACTOR SHALL NOTIFY THE DISTRICT IN WRITING AT LEAST FORTY-EIGHT (48) HOURS BEFORE PLACING ANY CONCRETE FOR DRAINAGE STRUCTURES.
- THE DISTRICT'S PERSONNEL SHALL HAVE THE RIGHT TO ENTER UPON THE PROPERTY FOR INSPECTION AT ANY TIME DURING CONSTRUCTION OR AS MAY BE WARRANTED TO ENSURE THE DETENTION FACILITY AND DRAINAGE SYSTEM ARE OPERATING PROPERLY.
- APPROPRIATE COVER FOR THE SIDE SLOPES, BOTTOM AND MAINTENANCE BERM SHALL BE ESTABLISHED PRIOR TO ACCEPTANCE OF THE CONSTRUCTION BY THE DISTRICT. AT LEAST 95% GERMINATION OF THE GRASS MUST BE ESTABLISHED PRIOR TO ACCEPTANCE OF CONSTRUCTION BY THE DISTRICT.
- NO BUILDING PERMIT SHALL BE ISSUED FOR ANY LOT WITHIN THIS DEVELOPMENT UNTIL THE DETENTION FACILITY HAS BEEN CONSTRUCTED AND APPROVED BY THE DISTRICT.
- THE DISTRICT'S APPROVAL OF THE FINAL DRAINAGE PLAN (AND FINAL PLAT IF REQUIRED) DOES NOT AFFECT THE PROPERTY RIGHTS OF THIRD PARTIES. THE DEVELOPER IS RESPONSIBLE FOR OBTAINING AND MAINTAINING ANY AND ALL EASEMENTS, FEE STRIPS AND/OR ANY OTHER RIGHTS-OF-WAY ACROSS THIRD PARTIES' PROPERTIES FOR PURPOSES OF MOVING EXCESS RUNOFF TO THE DISTRICT'S DRAINAGE FACILITIES AS CONTEMPLATED BY THE FINAL DRAINAGE PLAN AND FINAL PLAT.

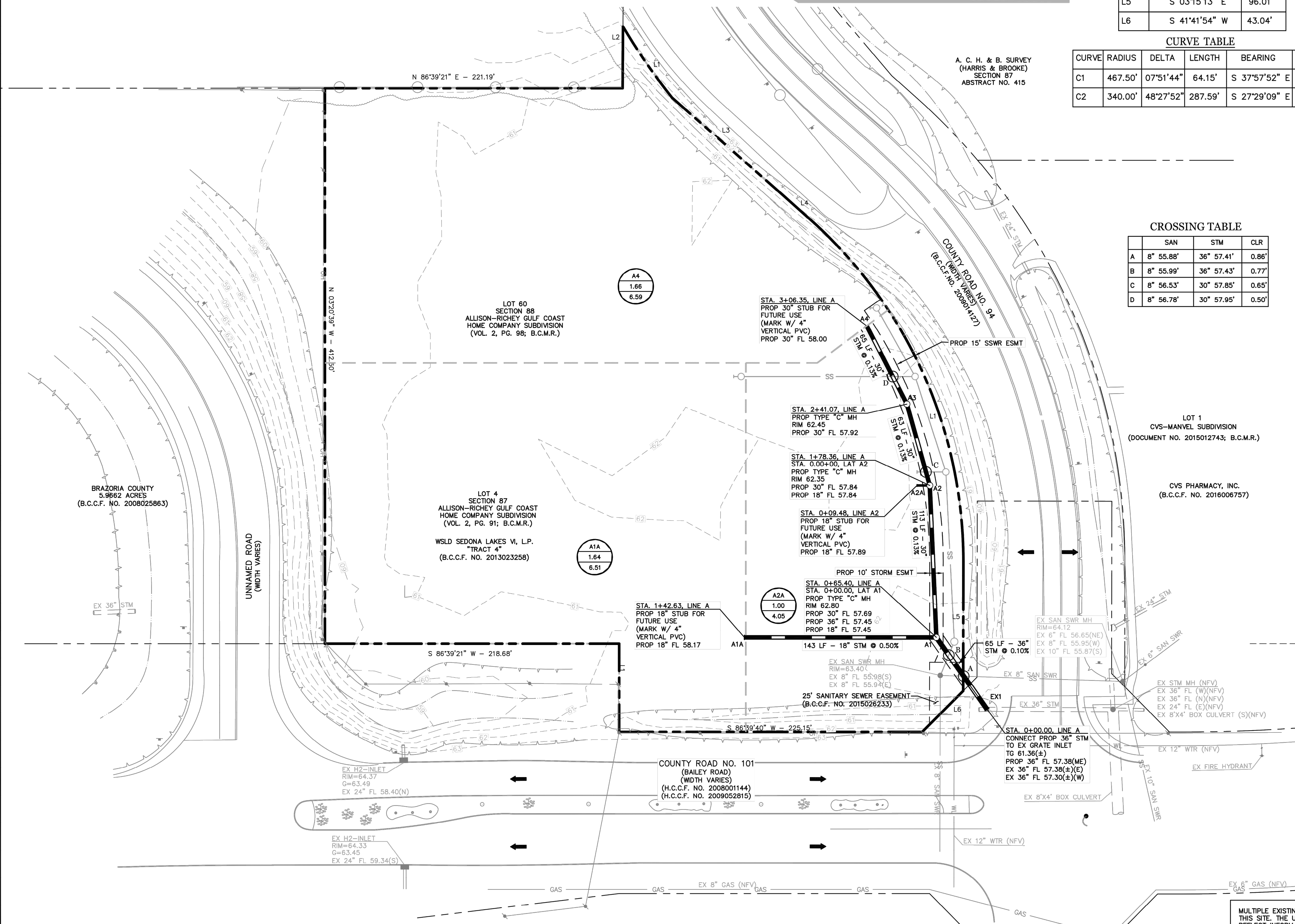
### PERMIT NOTES:

- CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY BRAZORIA COUNTY, TEXAS PRIOR TO STARTING CONSTRUCTION OF UTILITIES AND/OR CULVERTS WITHIN COUNTY ROAD RIGHT-OF-WAY. THE PERMIT IS TO BE ISSUED IN THE OWNERS NAME.
- CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY REGULATION OF BRAZORIA COUNTY, TEXAS FOR FLOOD PLAIN MANAGEMENT PRIOR TO STARTING CONSTRUCTION.

100-YEAR WATER SURFACE ELEVATION ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT (FEMA) FLOOD INSURANCE RATE MAP (FIRM) FOR THE BRAZORIA COUNTY, TEXAS AND INCORPORATED AREAS, COMMUNITY PANEL NOS. 48039C0020H AND 48039C0040I EFFECTIVE DATES JUNE 5, 1988 AND SEPTEMBER 22, 1999, RESPECTIVELY. THE SUBJECT TRACT LIES WITHIN UNSHADED ZONE "X" (AREA DETERMINED TO BE OUTSIDE THE 500-YEAR FLOOD ELEVATION). BFE ELEVATION VARIES BETWEEN 62.80' AND 62.00' BETWEEN THE LIMITS OF THIS SECTION.

MULTIPLE EXISTING PUBLIC AND PRIVATE UTILITY LINES EXIST ON THIS SITE. THE UTILITY LINES SHOWN ON THESE DRAWINGS REFLECT INFORMATION OBTAINED FROM RECORD DRAWINGS AND MAY NOT INCLUDE ALL EXISTING UTILITIES. CONTRACTOR IS TO USE EXTREME CAUTION DURING ALL CONSTRUCTION ACTIVITIES AND IS SOLELY RESPONSIBLE FOR DAMAGE TO EXISTING FACILITIES.

CALL BEFORE YOU DIG  
TEXAS ONE CALL PARTICIPANTS REQUEST  
72 HOURS NOTICE BEFORE YOU DIG, DRILL  
OR BLAST - STOP CALL  
TEXAS ONE CALL SYSTEM  
1-800-344-8377  
IN HOUSTON  
(713)-223-4567



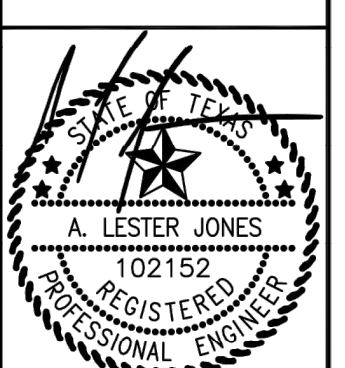
A. C. H. & B. SURVEY (HARRIS & BROOKE) SECTION 87 ABSTRACT NO. 415

M. V. O'DENNEILL SURVEY ABSTRACT NO. 469

A.C.H. & B. SURVEY (HARRIS & BROOKE) SECTION 89 ABSTRACT NO. 417

No.	REVISIONS	DATE
1	MUD COMMENTS	2/19/2019

**ALJLindsey**  
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281.301.1565  
PREP 11/2008



11 MARCH 2019  
ALJ PROJECT NO. 008.18.CV.062  
DATE: MARCH 2019  
SCALE: 1:40  
DRAWN BY: KD  
CHECKED BY: ALJ

## DRAINAGE AREA MAP

WATER, SANITARY, & STORM EXTENSIONS SERVING 4.3013 ACRE TRACT CITY OF MANVEL, BRAZORIA COUNTY, TEXAS

SHEET C3.2