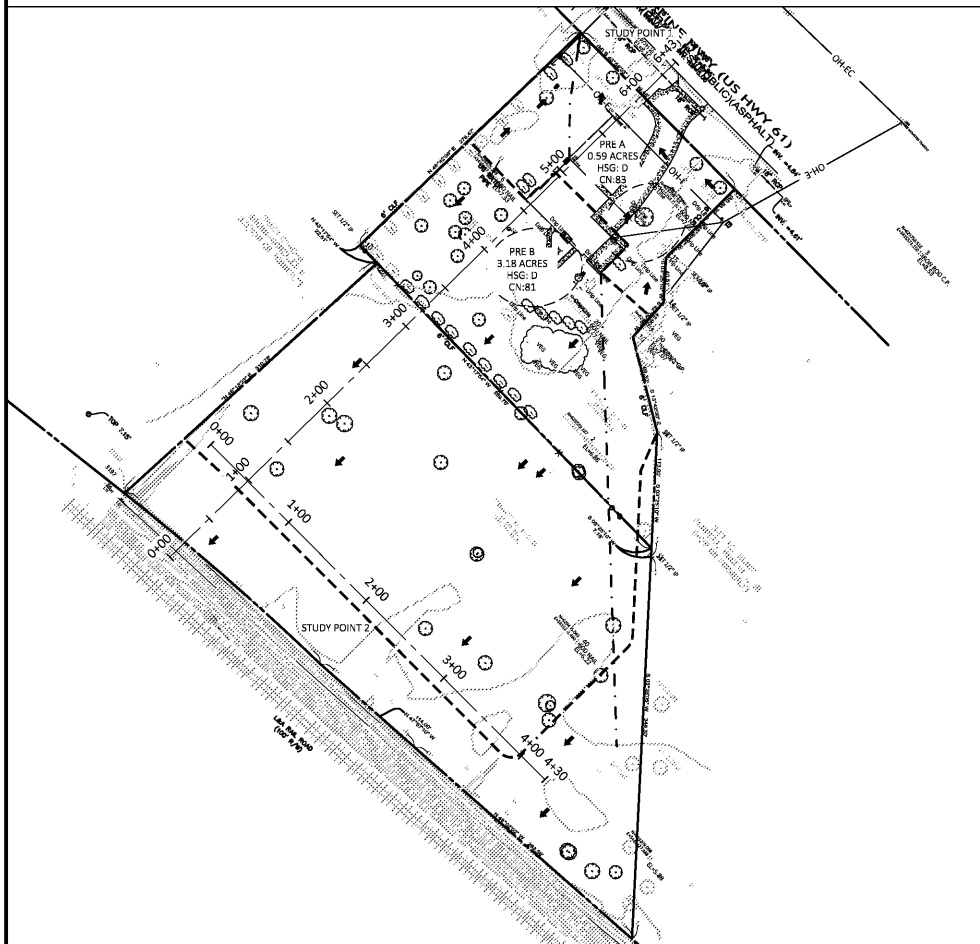
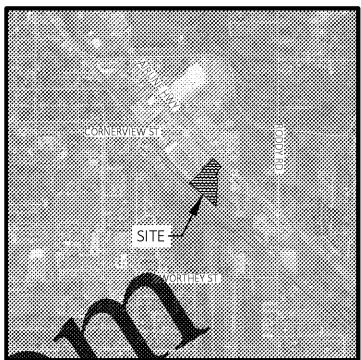
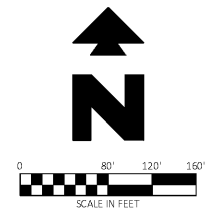
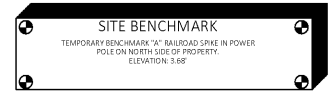
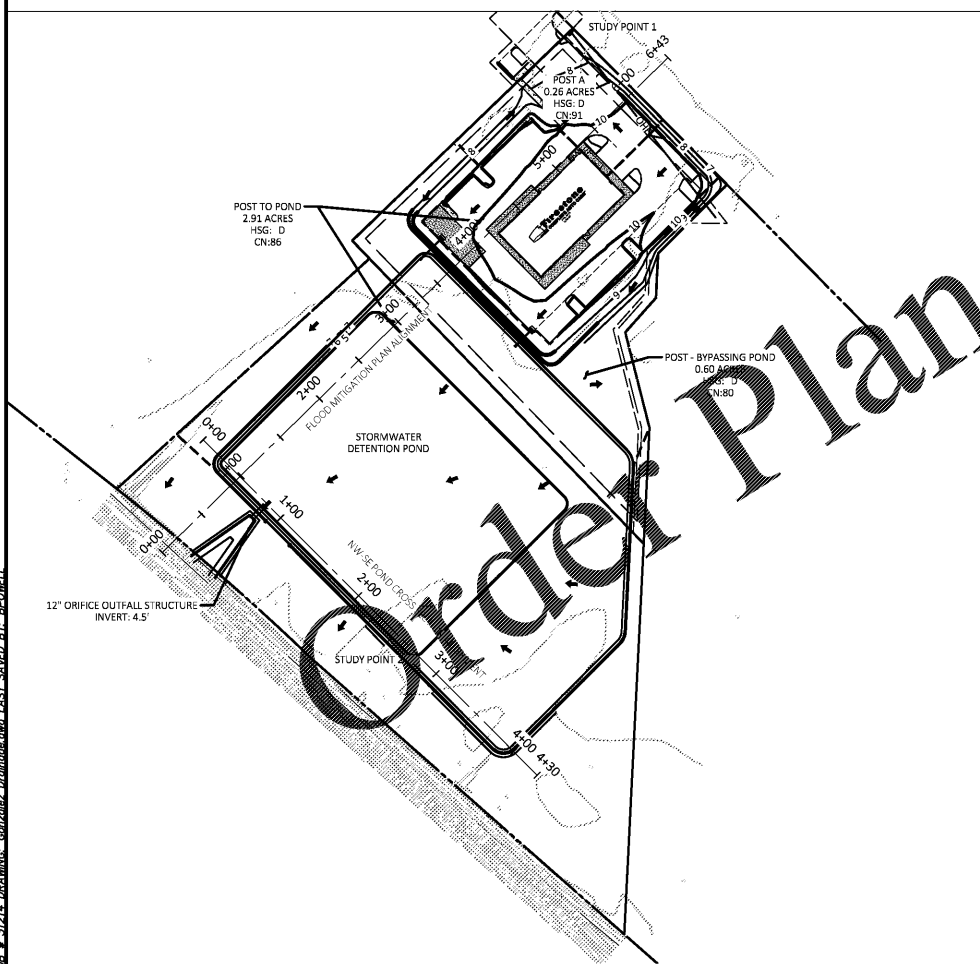


PRE-DEVELOPMENT AREA (SCALE 1"=80')

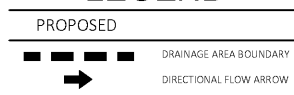


POST-DEVELOPMENT AREA (SCALE 1"=80')

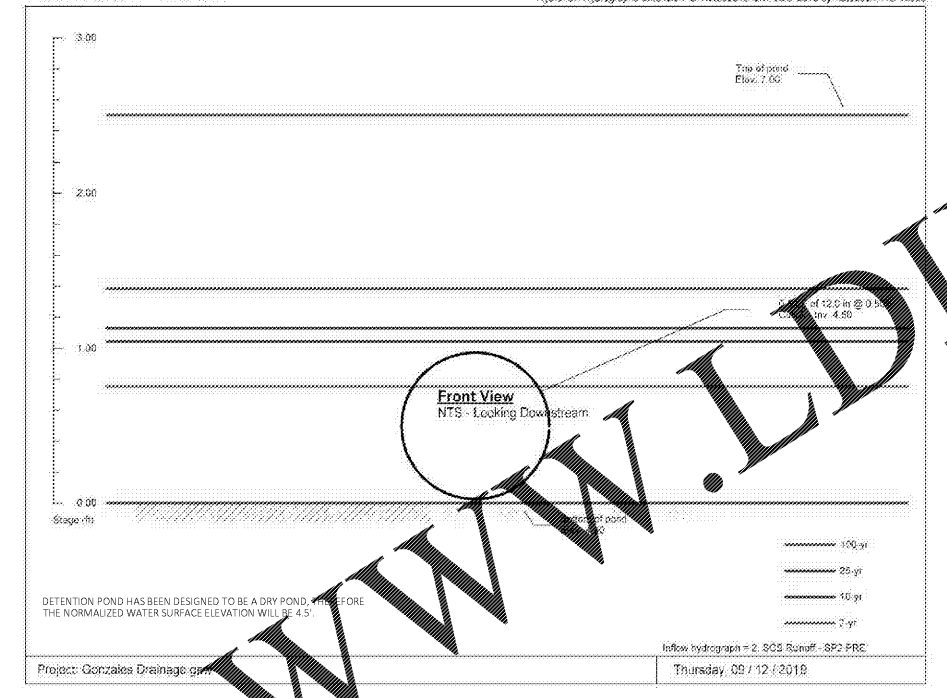


Vicinity Map
Not to Scale

LEGEND



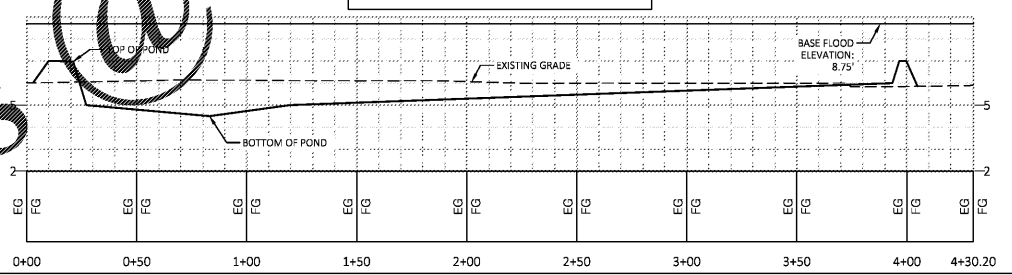
Pond No. 1 - POND



Hydrograph Return Period Recap

Hyd. No.	Hydrograph type (origin)	Inflow (cfs)	Peak Outflow (cfs)								Hydrograph Description
			1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr	
1	SCS Runoff	---	---	1.602	---	3.034	3.892	---	3.311	SP1 PRE	
2	SCS Runoff	---	---	6.571	---	12.89	18.67	---	22.90	SP2 PRE	
3	SCS Runoff	---	---	0.988	---	1.702	2.125	---	2.828	SP1 POST	
4	SCS Runoff	---	---	0.854	---	1.782	2.275	---	30.72	RUNOFF TO POND	
5	Reservoir	4	---	0.152	---	3.818	1.861	---	3.549	POND OUTFLOW	
6	SCS Runoff	---	---	1.769	---	3.357	4.353	---	6.020	POST - BYPASSING POND	
7	Combine	6.8	---	1.813	---	3.502	4.520	---	7.300	SP2 POST	

NW-SE POND CROSS SECTION PROFILE
VERTICAL SCALE: 1"=0.1'
HORIZONTAL SCALE: 1"=80'

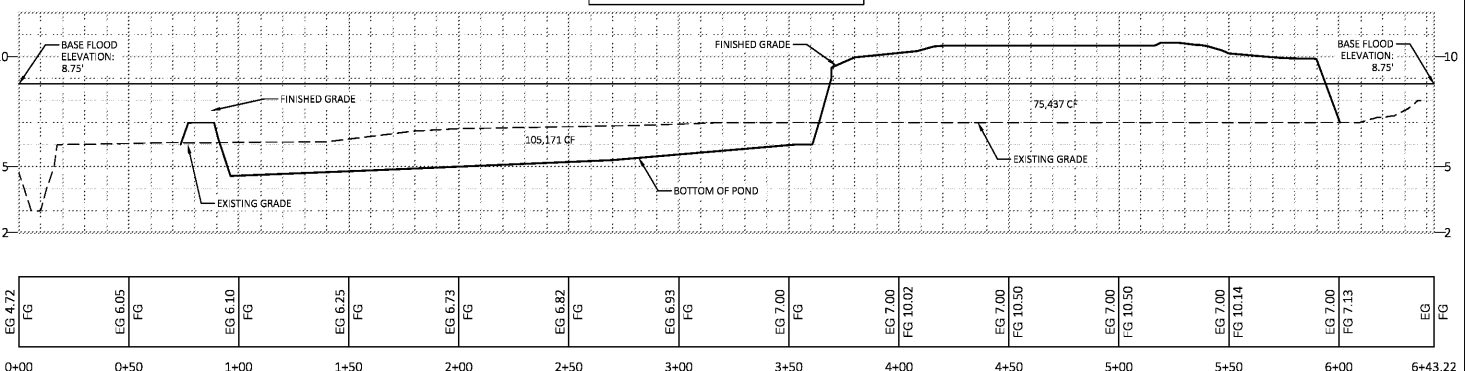


Cut/Fill Summary

Item	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
Flood Mitigation Difference	1.000	1.000	50888.07 Sq. Ft.	474.68 Cu. Yd.	1889.81 Cu. Yd.	1415.13 Cu. Yd. <Fill>
EG-FG	1.000	1.000	49131.50 Sq. Ft.	0.49 Cu. Yd.	4683.79 Cu. Yd.	4683.30 Cu. Yd. <Fill>
POND TO EG	1.000	1.000	96826.41 Sq. Ft.	3895.24 Cu. Yd.	38.39 Cu. Yd.	3856.85 Cu. Yd. <Cut>
Totals			196846.98 Sq. Ft.	470.41 Cu. Yd.	6611.99 Cu. Yd.	2241.58 Cu. Yd. <Fill>

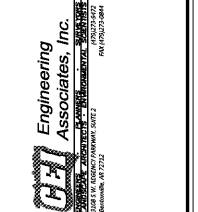
TOTAL FILL PLACED BETWEEN EXISTING GRADE AND BASE FLOOD ELEVATION: 75,437 CF
TOTAL CUT BETWEEN BOTTOM OF POND AND EXISTING GRADE: 105,171 CF

FLOOD MITIGATION PLAN PROFILE
VERTICAL SCALE: 1"=0.1'
HORIZONTAL SCALE: 1"=80'



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6 DIGIT NO.: 902556
4 DIGIT NO.: 014W
ENTITY ID NO.: 1392476
SITE ID NO.: 2496
PROPERTY NO.: 160013

FILE NAME: Gonzalez Drainage.dwg
CEI PROJECT NUMBER: 31214
REVISION: REV-1 DATE: 9/11/19

BID SET
11.18.19
TRCI

SHEET TITLE:
DRAINAGE MAP

SHEET NUMBER:
31214
C3.2

JOB # 31214 DRAWING: Gonzalez Drainage.dwg LAST SAVED BY: B20101