

OWNER:
BRASELTON DEVELOPMENT
5337 YORKTOWN BLVD #10d
CORPUS CHRISTI, TX 78413

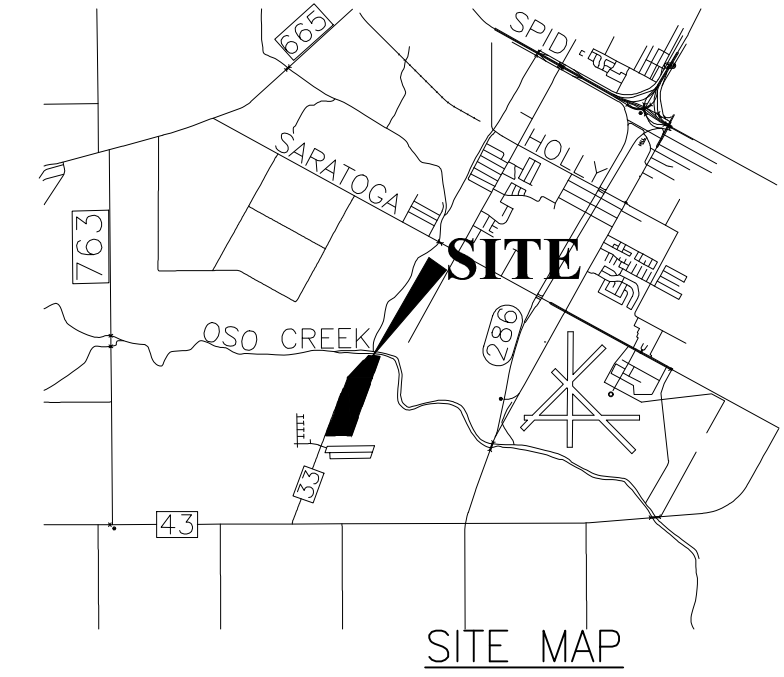
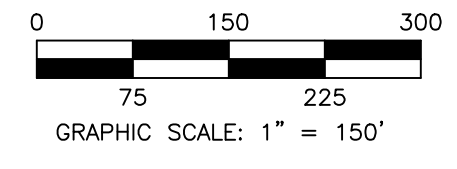
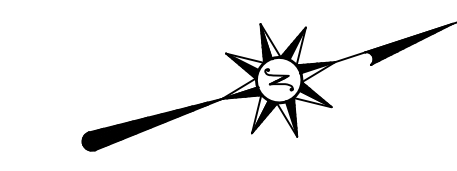
ENGINEER:
LYNN ENGINEERING
2200 AVENUE A
BAY CITY, TEXAS 77414

SURVEYOR:
LYNN ENGINEERING
2200 AVENUE A
BAY CITY, TEXAS 77414

LONDON TOWNE 10

PRELIMINARY STORM WATER QUALITY MANAGEMENT PLAN - PROPOSED

CITY OF CORPUS CHRISTI, NUECES COUNTY, TEXAS
BEING A 64.0497 ACRE ANNEXATION TRACT AND BEING A PART OF THE REMAINING PORTION OF A 173.21 ACRE TRACT OUT OF SECTION "D", LAURELES FARM TRACTS ACCORDING TO THE MAP RECORDED IN VOLUME 3, PAGE 15 OF THE MAP RECORDS OF NUECES COUNTY, TEXAS.

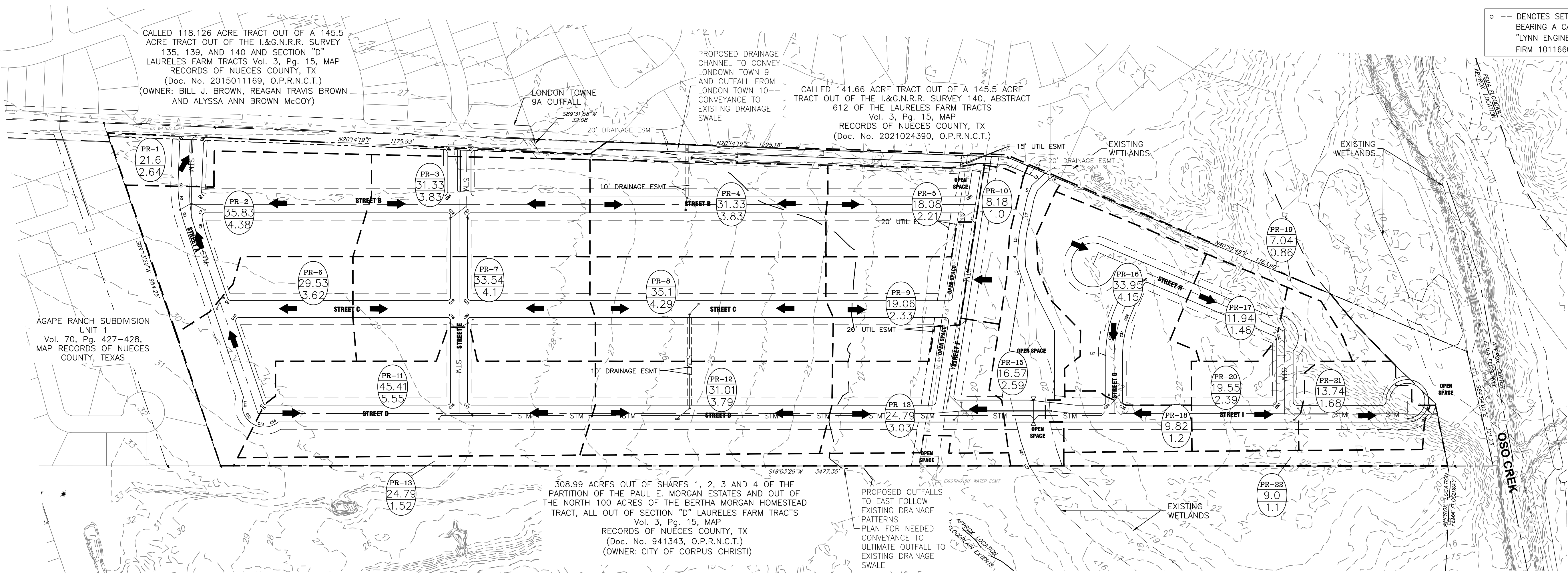


SITE MAP

○ -- DENOTES SET 5/8" IRON ROD BEARING A CAP STAMPED "LYNN ENGINEER FIRM 10116600"

LEGEND

- PR
14.8
5.4 — PROPOSED AREA DESIGNATION
- RUNOFF IN C.F.S. (100 YR.)
- DRAINAGE AREA (ACRES)
- PROPOSED DRAINAGE AREA DIVIDE
- ← DIRECTION OF FLOW
- - - 20 - - - EXISTING CONTOUR



CALLLED 118.126 ACRE TRACT OUT OF A 145.5 ACRE TRACT OUT OF THE I.&G.N.R.R. SURVEY 135, 139, AND 140 AND SECTION "D" LAURELES FARM TRACTS Vol. 3, Pg. 15, MAP RECORDS OF NUECES COUNTY, TX (Doc. No. 2015011169, O.P.R.N.C.T.) (OWNER: BILL J. BROWN, REAGAN TRAVIS BROWN AND ALYSSA ANN BROWN McCOY)

PROPOSED DRAINAGE CHANNEL TO CONVEY LONDON TOWNE 9 AND OUTFALL FROM LONDON TOWNE 10-- CONVEYANCE TO EXISTING DRAINAGE SWALE

CALLLED 141.66 ACRE TRACT OUT OF A 145.5 ACRE TRACT OUT OF THE I.&G.N.R.R. SURVEY 140, ABSTRACT 612 OF THE LAURELES FARM TRACTS Vol. 3, Pg. 15, MAP RECORDS OF NUECES COUNTY, TX (Doc. No. 2021024390, O.P.R.N.C.T.)

AGAPE RANCH SUBDIVISION UNIT 1 Vol. 70, Pg. 427-428, MAP RECORDS OF NUECES COUNTY, TEXAS

308.99 ACRES OUT OF SHARES 1, 2, 3 AND 4 OF THE PARTITION OF THE PAUL E. MORGAN ESTATES AND OUT OF THE NORTH 100 ACRES OF THE BERTHA MORGAN HOMESTEAD TRACT, ALL OUT OF SECTION "D" LAURELES FARM TRACTS Vol. 3, Pg. 15, MAP RECORDS OF NUECES COUNTY, TX (Doc. No. 941343, O.P.R.N.C.T.) (OWNER: CITY OF CORPUS CHRISTI)

PROPOSED OUTFALLS TO EAST FOLLOW EXISTING DRAINAGE PATTERNS PLAN FOR NEEDED CONVEYANCE TO ULTIMATE OUTFALL TO EXISTING DRAINAGE SWALE

OFFSITE DRAINAGE TO EXISTING POND

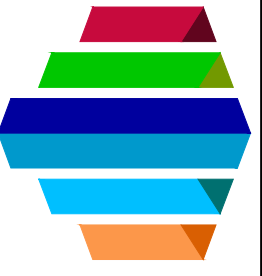
EXISTING POND

AREA	ACRES	C	PROPOSED CONDITIONS							
			Tc (min)	5 YEAR		25 YEAR		100 YEAR		
				I (IN/HR)	Q (CFS)	I (IN/HR)	Q (CFS)	I (IN/HR)	Q (CFS)	
PR-1	2.64	0.55	10	6.71	9.74	9.4	13.61	11.9	17.28	
PR-2	4.38	0.55	10	6.71	16.16	9.4	22.57	11.9	28.67	
PR-3	3.83	0.55	10	6.71	14.13	9.4	19.74	11.9	25.07	
PR-4	3.83	0.55	10	6.71	14.13	9.4	19.74	11.9	25.07	
PR-5	2.21	0.55	10	6.71	8.16	9.4	11.39	11.9	14.46	
PR-6	3.61	0.55	10	6.71	13.32	9.4	18.60	11.9	23.63	
PR-7	4.10	0.55	10	6.71	15.13	9.4	21.13	11.9	26.83	
PR-8	4.29	0.55	10	6.71	15.83	9.4	22.11	11.9	28.08	
PR-9	2.33	0.55	10	6.71	8.60	9.4	12.01	11.9	15.25	
PR-10	1.00	0.55	10	6.71	3.69	9.4	5.15	11.9	6.55	
PR-11	5.55	0.55	10	6.71	20.48	9.4	28.60	11.9	36.32	
PR-12	3.79	0.55	10	6.71	13.99	9.4	19.53	11.9	24.81	
PR-13	3.03	0.55	10	6.71	11.18	9.4	15.62	11.9	19.83	
PR-14	1.52	0.55	10	6.71	5.61	9.4	7.83	11.9	9.95	
PR-15	2.59	0.43	10	6.71	7.47	9.4	10.44	11.9	13.25	
PR-16	4.15	0.55	10	6.71	15.32	9.4	21.39	11.9	27.16	
PR-17	1.46	0.55	10	6.71	5.39	9.4	7.52	11.9	9.56	
PR-18	1.20	0.55	10	6.71	4.43	9.4	6.18	11.9	7.85	
PR-19	0.86	0.55	10	6.71	3.17	9.4	4.43	11.9	5.63	
PR-20	2.39	0.55	10	6.71	8.82	9.4	12.32	11.9	15.64	
PR-21	1.68	0.55	10	6.71	6.20	9.4	8.66	11.9	11.00	
PR-22	1.10	0.55	10	6.71	4.06	9.4	5.67	11.9	7.20	
TOTAL	61.54				225.03		314.23		399.08	

*Intensities per ATLAS 14 rainfall data for Corpus Christi, TX

ARCH/ENG SEAL:
LYNN ENGINEERING
TEXAS REGISTERED ENGINEERING FIRM F.324
TEXAS REGISTERED SURVEYING FIRM 10116600

2200 AVENUE A
BAY CITY, TX 77414
PH: (979) 245-8900
FAX: (979) 245-8345



PROJECT NAME:
LONDON TOWNE 10
STORM WATER QUALITY MANAGEMENT PLAN

CUSTOMER NAME:
BRASELTON DEVELOPMENT COMPANY

PROJECT INFO:
NAME: [Blank]
DRAWN BY: GC
CHECKED BY: MAH
DESIGNED BY: [Blank]
RMM
JOB NO.: 30.101601

PRINTED

DATE	REMARKS

REVISIONS

NO.	REMARKS

PAGE NO: