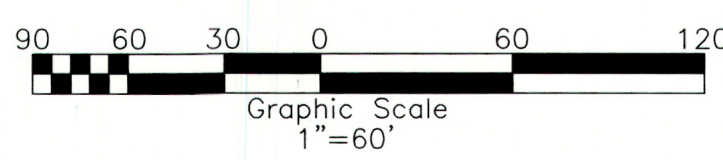


- NOTES:**
1. THE ENTIRE PROPERTY LIES WITHIN THE CITY LIMITS OF THE THE CITY OF CORPUS CHRISTI.
 2. PROPERTY IS CURRENTLY ZONED "RS-4.5".
 3. THE TOTAL AREA TO BE PLATTED CONTAINS 13.144 ACRES.
 4. GRID BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE TEXAS COORDINATE SYSTEM OF 1983, TEXAS SOUTH ZONE 4205, AND ARE BASED ON THE NORTH AMERICAN DATUM OF 1983(2011) EPOCH 2010.00.
 5. THE RECEIVING WATER FOR THE STORM WATER RUNOFF FROM THIS PROPERTY IS THE OSO CREEK. THE TCEQ HAS NOT CLASSIFIED THE AQUATIC LIFE USE FOR THE OSO CREEK, BUT IT IS RECOGNIZED AS AN ENVIRONMENTALLY SENSITIVE AREA. THE OSO CREEK FLOWS DIRECTLY INTO THE OSO BAY. THE TCEQ HAS CLASSIFIED THE AQUATIC LIFE USE FOR THE OSO BAY AS "EXCEPTIONAL" AND "OYSTER WATERS" AND CATERGORIZED THE RECEIVING WATER AS "CONTACT RECREATION" USE.
 6. BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS CURRENTLY IN ZONE "X" (UNSHADED) OF THE FLOOD INSURANCE RATE MAP (FIRM), COMMUNITY PANEL NUMBER 48355C0505G, NUECES COUNTY, TEXAS, WHICH BEARS AN EFFECTIVE DATE OF OCTOBER 13, 2022 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA. THE FIRM PANEL 48355C0505G IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

Preliminary Stormwater Quality Management Plan of London Towne Subdivision Unit 8A

being a 13.144 Acre Tract of Land, situated in the Cuadrilla Irrigation Company Survey, No. 139, Abstract 577, as shown on the map of Laureles Farm Tracts, a map of which is recorded in Volume 3, Page 15, Map Records of Nueces County, Texas; said 13.144 Acre Tract being a portion of a 118.126 Acre Tract of Land, described as Tract II, in a Correction Warranty Deed from Sheilah London to Bill J. Brown, Reagan Travis Brown and Alyssa Ann Brown McCoy, recorded in Document No. 2015011169, Official Public Records of Nueces County, Texas.

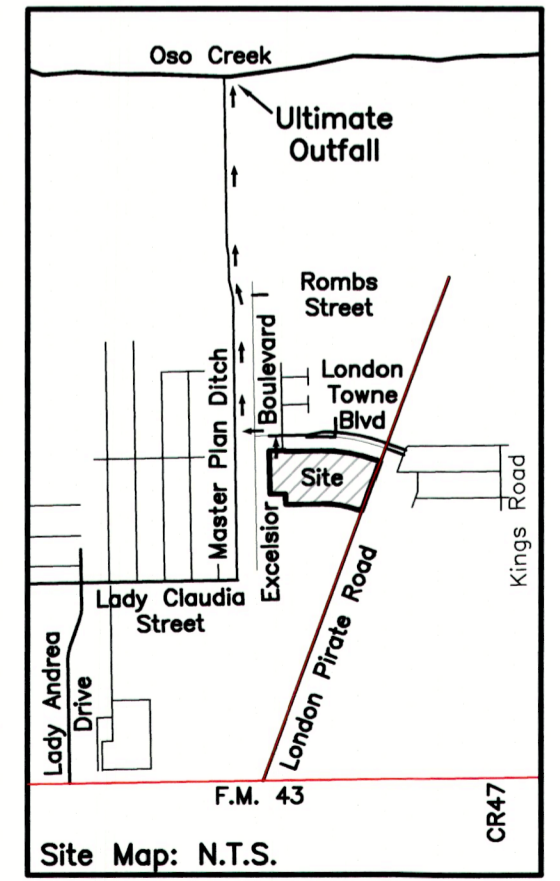
NOTE:
 PROPOSED RCP TIE TO EXISTING STORM SYSTEM FROM LONDON TOWNE UNIT 1.
 T_c C-VALUE AND INTENSITY ARE BASED ON DRAINAGE AREA MAP FROM LONDON TOWNE UNIT 1



DIFFERENTIAL FLOWS:

A=13.14 AC.
Q ₅ =10.84 cfs
Q ₂₅ =13.79 cfs
Q ₅₀ =19.51 cfs
Q ₁₀₀ =24.05 cfs

ALL Q VALUES ARE AN INCREASE FROM PRE-DEVELOPMENT



DRAINAGE ASSUMPTIONS:
 CURRENT MASTER PLAN 5 YEAR STORM
 T_c = 30 min. (Minimum)
 INTENSITY (5-YR) = 3.3 in./hr.

PRE-DEVELOPMENT	POST-DEVELOPMENT
A=13.14 AC.	A=13.14 AC.
T _c =60 min.	T _c =30 min.
C=0.30	C=0.45
I ₅ =2.2 in./hr.	I ₅ =3.3 in./hr.
I ₂₅ =3.1 in./hr.	I ₂₅ =4.4 in./hr.
I ₅₀ =4.4 in./hr.	I ₅₀ =7.0 in./hr.
Q ₅ =8.67 cfs	Q ₅ =19.51 cfs
Q ₂₅ =12.22 cfs	Q ₂₅ =26.01 cfs
Q ₅₀ =17.34 cfs	Q ₅₀ =41.39 cfs