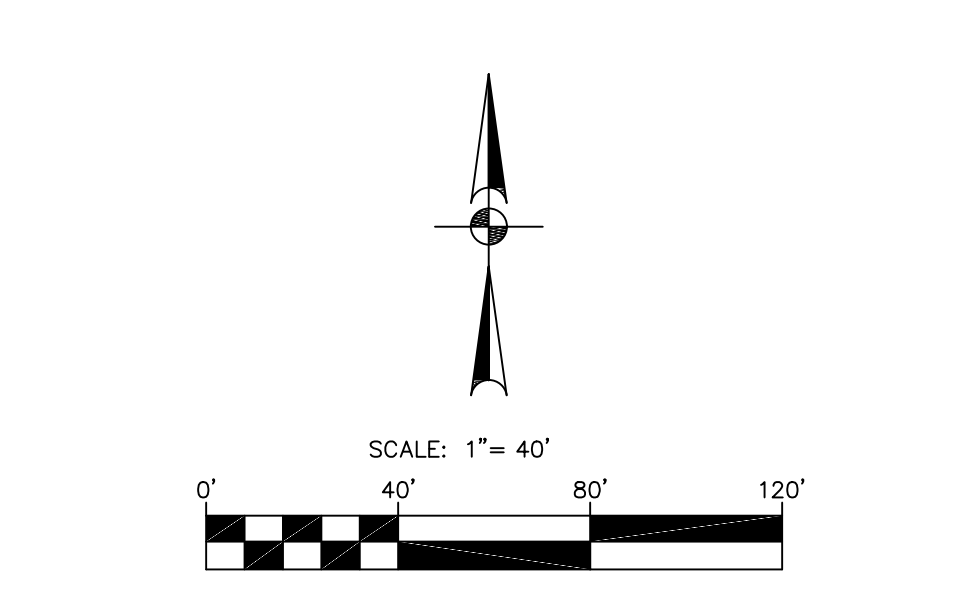
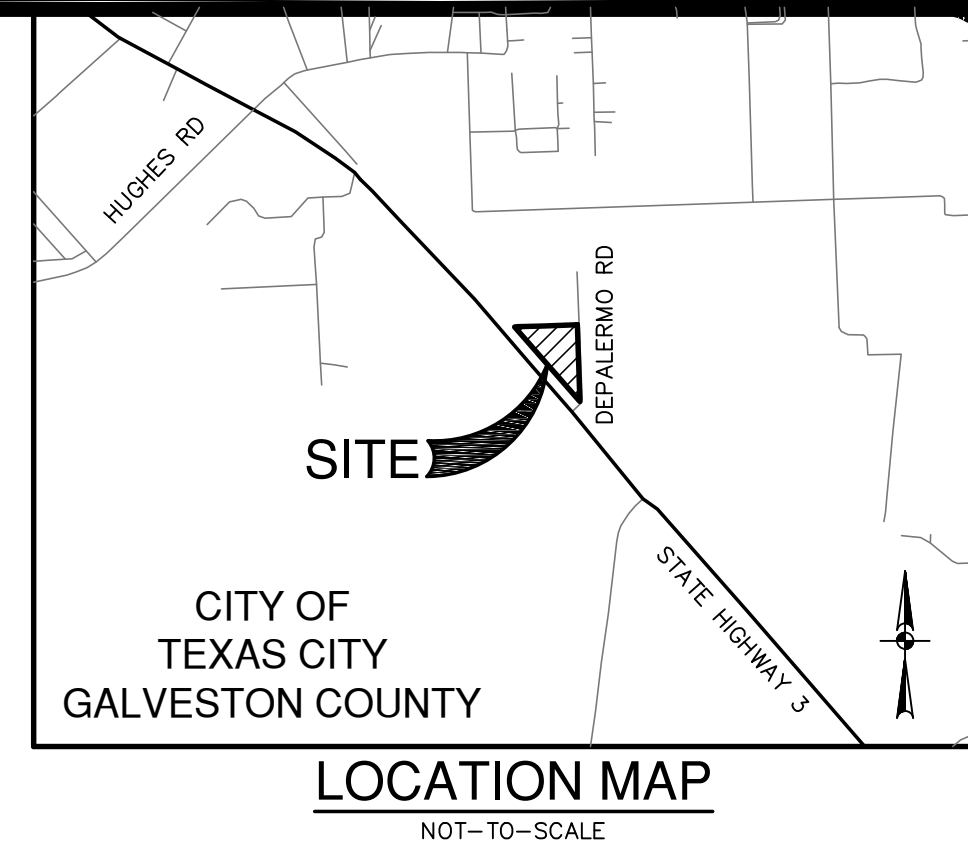
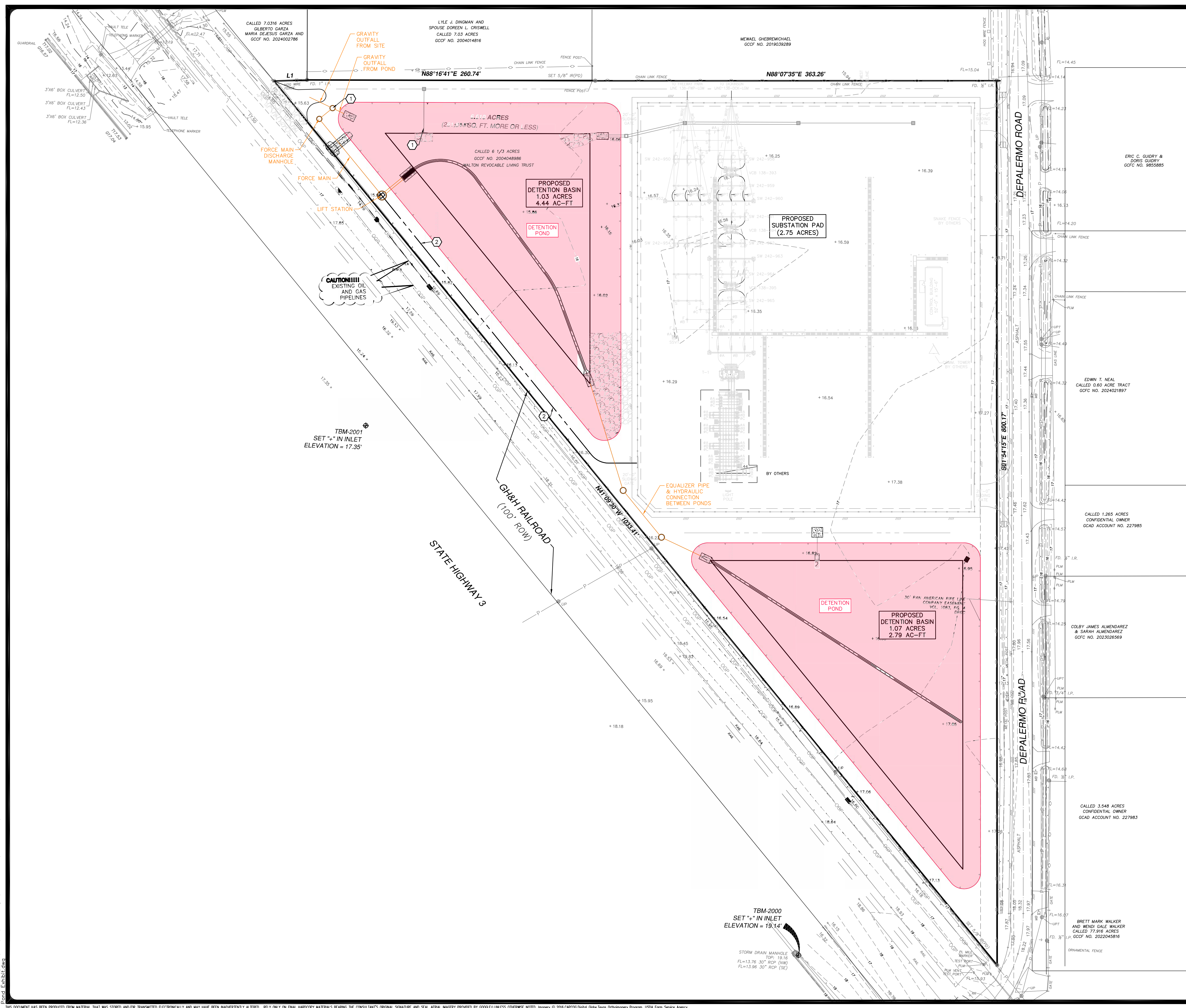


Date: March 6, 2025, 4:53 PM - User ID: owoodson
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- LEGEND**
- PROPERTY LINE
 - EXISTING CURB TO REMAIN
 - PROPOSED CURB
 - MH GRATE INLET PROPOSED STORM SEWER LINE
 - MH GRATE INLET EXISTING STORM SEWER LINE
 - MH CLEANOUT PROPOSED SANITARY SEWER
 - MH CLEANOUT EXISTING SANITARY SEWER
 - PROPOSED/EXISTING WATER LINE
 - ELECTRICAL CONDUIT TO WELL (BY OTHERS)
 - GAS LINE (NPG)
 - EXISTING GAS LINE
 - UNDERGROUND ELECTRIC LINE
 - COMMUNICATIONS CONDUIT
 - EXISTING OVERHEAD ELECTRIC LINES
 - EXISTING FIRE HYDRANT
 - EXISTING WATER METER
 - EXISTING ELECTRICAL BOX
 - EXISTING DRAINAGE AREA LIMITS
 - EXISTING DRAINAGE FLOW ARROW
 - DRAINAGE AREA SIZE (3 YEAR FLOW)
 - PROPOSED DRAINAGE FLOW ARROW
 - UTILITY CROSSING
 - PROPOSED RIP RAP

- KEY NOTES**
- 1 PROPOSED FLAPGATE
 - 2 ELECTRICAL CONDUIT TO PUMP SHOWN FOR SCHEMATIC PURPOSES ONLY. COORDINATE EXACT ROUTING WITH DASHIELL. ALL RUNS TO BE IN COMPLIANCE WITH NEC STANDARDS.

THE SUBJECT PROPERTY IS WITHIN THE FOLLOWING FLOOD ZONE(S) AS DEPICTED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY (F.E.M.A.) FLOOD INSURANCE RATE MAP NUMBER 48167C0235G, DATED AUGUST 15, 2019 FOR CITY OF TEXAS CITY, TEXAS AND INCORPORATED AREAS. THIS DATA IS AVAILABLE ON THE WEBSITE WWW.FEMA.GOV.

ZONE X (SHADED), DEFINED AS: 0.2% ANNUAL CHANCE FLOOD HAZARD, AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTH LESS THAN ONE FOOT OR WITH DRAINAGE AREAS OF LESS THAN ONE SQUARE MILE.

THE SITE IS LOCATED IN THE 500-YEAR FLOODPLAIN AND IS SUBJECT TO TIDAL EFFECTS DUE TO ITS PROXIMITY TO THE BAY. FEMA MAPS INDICATE THE SITE IS ON TRANSECT 92, WITH A WAVE ENVELOPE OF 18.5'. THE DESIGNATED 500-YEAR FLOOD ELEVATION FOR THIS SITE IS APPROXIMATELY 18.25'

ANY ELECTRICAL OR MECHANICAL COMPONENTS THAT CANNOT WITHSTAND FLOODWATERS SHOULD BE ELEVATED ABOVE THE 500-YEAR FLOOD ELEVATION AND WAVE ENVELOPE. WE RECOMMEND ELEVATING CRITICAL COMPONENTS TO AT LEAST 19.75'.

| NO. | REVISION | DATE |
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| | | |

THIS DOCUMENT IS RELEASED FOR INTERIM REVIEW UNDER THE AUTHORIZATION OF I-JUNG GRACE TSAI, P.E. (#91197) AND IS NOT TO BE USED FOR CONSTRUCTION.

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 TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10038800

LAGO MAR SUBSTATION - GRADING & DRAINAGE
 CITY OF TEXAS CITY, TEXAS
 PUMP & POND EXHIBIT

| | |
|---------------------|------------|
| PLAT NO. | 2025021585 |
| JOB NO. | 42325-00 |
| DATE | JULY 2025 |
| DESIGNER | AB |
| CHECKED/GT/MJ DRAWN | AB |
| SHEET | C3.10 |

ISSUE FOR PERMIT