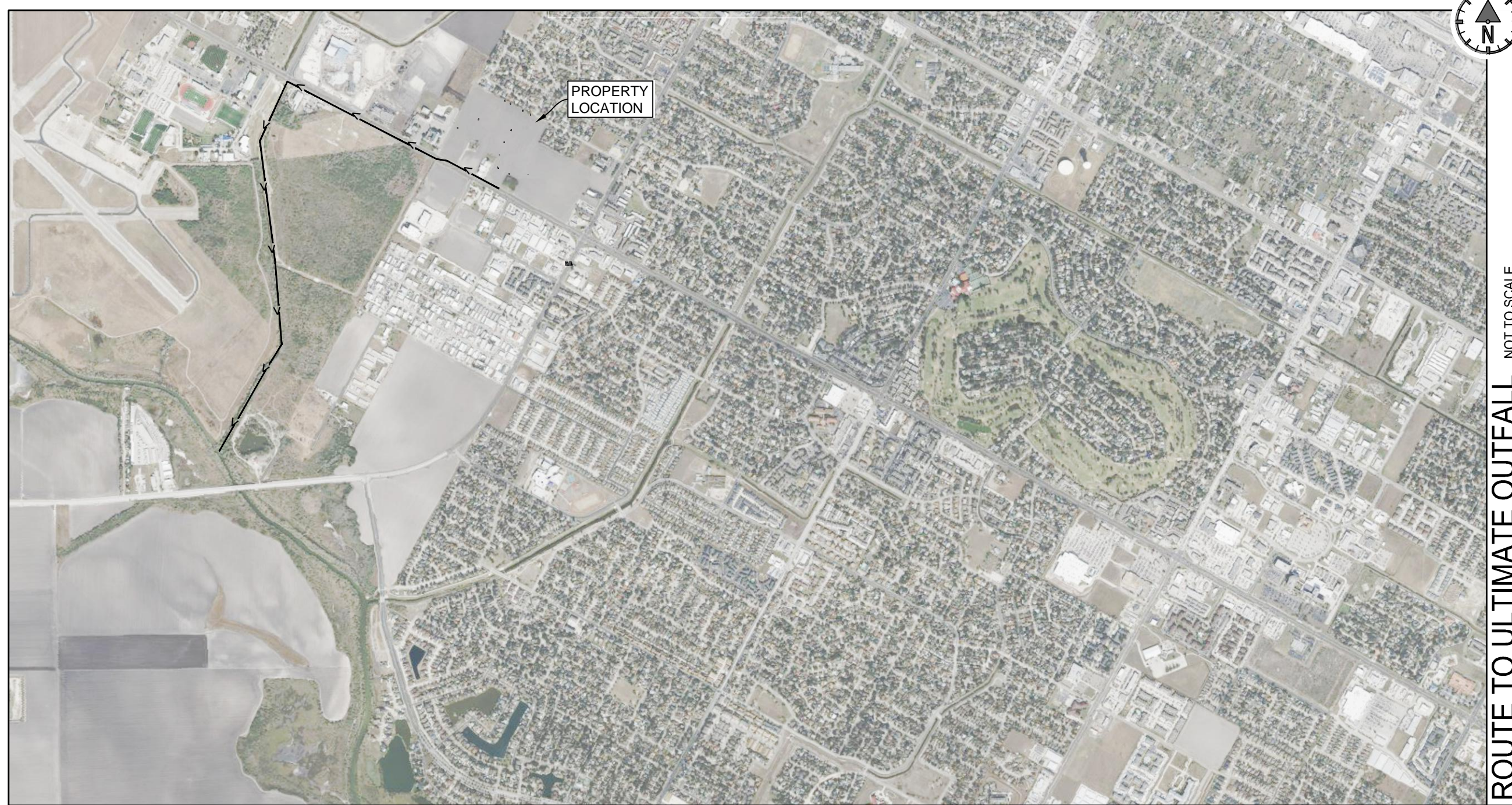
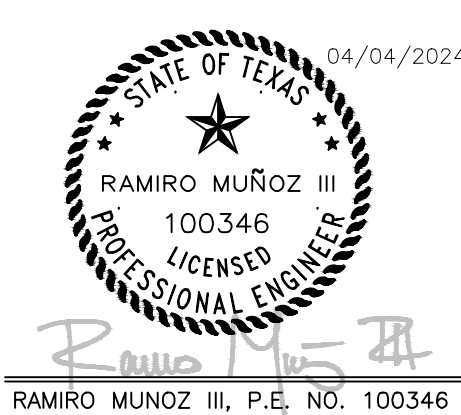


STORMWATER QUALITY MANAGEMENT PLAN (SWQMP) LEGEND AND ABBREVIATION DEFINITIONS

THE FOLLOWING IS A GENERAL LEGEND OF THE LINES, SYMBOLS, AND ABBREVIATIONS THAT MAY BE FOUND WITHIN THE SWQMP. NOT ALL LINES, SYMBOLS, AND ABBREVIATIONS INDICATED BELOW MAY BE USED AND ARE INCLUDED AS REFERENCE.

- EXISTING CURB INLET, PROPOSED CURB INLET, EXISTING GRATE INLET, PROPOSED GRATE INLET, EXISTING POST INLET, PROPOSED POST INLET, EXISTING MANHOLE, PROPOSED MANHOLE, EXISTING JUNCTION BOX, PROPOSED JUNCTION BOX, EXISTING SAFETY END TREATMENT (SET), PROPOSED SAFETY END TREATMENT (SET), EXISTING SLOPED DITCH/POND OUTFALL, PROPOSED SLOPED DITCH/POND OUTFALL, EXISTING STORMWATER UTILITY MARKER, PROPOSED STORMWATER UTILITY MARKER, EXISTING GENERAL PIPE (PIPE TYPE NOT DETERMINED), PROPOSED GENERAL PIPE (PIPE TYPE NOT DETERMINED), EXISTING REINFORCED CONCRETE BOX, PROPOSED REINFORCED CONCRETE BOX, EXISTING HIGH-PERFORMANCE POLYPROPYLENE (HP) PIPE, PROPOSED HIGH-PERFORMANCE POLYPROPYLENE (HP) PIPE, EXISTING POLYVINYL CHLORIDE (PVC) PIPE, PROPOSED POLYVINYL CHLORIDE (PVC) PIPE, EXISTING REINFORCED CONCRETE PIPE (RCP), PROPOSED REINFORCED CONCRETE PIPE (RCP), EXISTING DITCH/DETENTION POND CENTERLINE, PROPOSED DITCH/DETENTION POND CENTERLINE, EXISTING DITCH/DETENTION POND TOP, PROPOSED DITCH/DETENTION POND TOP, EXISTING DITCH/DETENTION POND TOE, PROPOSED DITCH/DETENTION POND TOE, EXISTING STORMWATER FLOW DIRECTION, PROPOSED STORMWATER FLOW DIRECTION, EXISTING STORMWATER BASIN BOUNDARY, PROPOSED STORMWATER BASIN BOUNDARY, ROUTE TO RECEIVING WATERS, BASIN AREA ID, DETENTION AREA ID, TOTAL BASIN AREA, 5-YEAR STORM EVENT FLOW, 10-YEAR STORM EVENT FLOW, 25-YEAR STORM EVENT FLOW, 50-YEAR STORM EVENT FLOW, 100-YEAR STORM EVENT FLOW



ROUTE TO ULTIMATE OUTFALL (NOT TO SCALE)

NOTICE: THIS STORM WATER QUALITY MANAGEMENT PLAN (SWQMP) IS FOR THE PLAT THAT IS INDICATED AND INDICATES THE CURRENT DESIGN. THIS SWQMP IS SUBJECT TO CHANGE AND MODIFICATION AS DESIGN OF THE PROJECT IS COMPLETED WITH OR WITHOUT THE KNOWLEDGE OF THE ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THE SWQMP. THEREFORE THE CONSTRUCTION DRAWINGS FOR THE PROJECT SHALL GOVERN ALL WORK FOR THE PROJECT.

NOTICE: THIS SWQMP IS NOT A STORMWATER POLLUTION PREVENTION PLAN, AND THEREFORE, WILL NOT SATISFY THE REQUIREMENTS FOR PERMITTING OF THE DISCHARGE OF STORMWATER ASSOCIATED WITH ANY CONSTRUCTION ACTIVITY.

- GENERAL INFORMATION: 1. PROPERTY INFORMATION: 1.1. LEGAL DESCRIPTION: 1.1.1. BEING A FINAL PLAT OF A 28.909 ACRE TRACT OF LAND DESCRIBED AS BEING OUT OF LOT 4, SECTION 9, 'BOHEMAN COLONY LAND' AS SHOWN ON MAP VOLUME A, PAGE 48, MAP RECORDS OF NUECES COUNTY, TEXAS, AND ALSO BEING PORTION OF LOT 4, 400CREK ADDITION AS SHOWN ON MAP VOLUME 27 PAGE 2, MAP RECORDS OF NUECES COUNTY, TEXAS, BEING COMPRISED OF A 8.53 ACRE TRACT DESCRIBED IN A DEED RECORDED IN DOCUMENT NO. 2018043240, DEED RECORDS NUECES COUNTY, TEXAS, AN 8.54 ACRE TRACT DESCRIBED IN A DEED RECORDED IN DOCUMENT NO. 2018043274, DEED RECORDS NUECES COUNTY, TEXAS, AND A PORTION OF TWO (2) 8.05 ACRE TRACTS DESCRIBED IN A DEED RECORDED IN DOCUMENT NO. 2018049998, DEED RECORDS NUECES COUNTY, TEXAS. 2. DEVELOPMENT NAME THAT THIS SWQMP WILL BE ASSOCIATED WITH: 1.2.1. AZALI DISTRICT 2. SITE DESCRIPTION: 2.1. TOTAL AREA OF CONTIGUOUS SITE INCLUDED IN THIS SWQMP IS 37.07 ACRES 2.2. THE OVERALL PROJECT WILL DISTURB 34.65 ACRES 3. SOIL TYPES THAT ARE ON THE PROPERTY ARE AS FOLLOWS: 3.1. CLAYEY 4. STORM WATER POLLUTION PREVENTION PERMITS: 4.1. IT IS ANTICIPATED THAT AN TEXAS POLLUTION DISCHARGE ELIMINATION SYSTEM (TPDES) PERMIT FROM THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) WILL BE REQUIRED. 4.2. THE RESPONSIBLE PARTY FOR OBTAINING ALL PERMITS RELATED TO STORM WATER POLLUTION PREVENTION, THE DESIGN, IMPLEMENTATION, CONSTRUCTION, MAINTENANCE, AND REMOVAL OF ALL EROSION CONTROL DEVICES SHALL BE THE GENERAL CONTRACTOR FOR THE PROJECT. 4.3. A COPY OF ALL PERMITS OBTAINED BY THE RESPONSIBLE PARTY RELATED TO STORMWATER POLLUTION PREVENTION SHALL BE PROVIDED TO THE CITY INSPECTOR WHOM SHALL PROVIDE THE DOCUMENTS TO THE DIRECTOR OF DEVELOPMENT SERVICES (WHEN APPLICABLE). 5. IF THE PROPERTY IS WITHIN THE DUNE PROTECTION AREA OR WITHIN THE BEACH FRONT CONSTRUCTION AREA, THEN COMPLIANCE WITH THE PERMIT WILL BE REQUIRED. 6. THIS SWQMP IS IN ACCORDANCE WITH A TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT) PERMIT THAT HAS BEEN SUBMITTED AND OR APPROVED BY TxDOT.

- RECEIVING WATERS: 1. THE RECEIVING WATERS FOR THE STORMWATER FROM THIS SITE IS AS FOLLOWS: 1.1. OSO CREEK DRAINAGE BASIN - 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 CATEGORIZED THE RECEIVING WATER AS 'CONTACT RECREATION' USE.

EXISTING SITE INFORMATION

- 1. EXISTING LAND USE ASSUMPTION AS PER TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT) STORMWATER MANAGEMENT, IS INDICATED BELOW: 1.1. UNIMPROVED AREAS - CLAY SOILS 1.2. STREETS - ASPHALTIC 2. EXISTING DRAINAGE STRUCTURES ON-SITE CONSIST OF THE FOLLOWING: 2.1. NONE 3. EXISTING ON-SITE STORMWATER GENERAL FLOW DIRECTION IS AS PER THE FOLLOWING: 3.1. THE GENERAL DIRECTION OF THE FLOW OF THE STORMWATER RUNOFF IS TOWARDS SARATOGA BOULEVARD. 4. ENVIRONMENTALLY SENSITIVE AREAS, INCLUDING BUT NOT LIMITED TO, RECEIVING WATERS, KNOWN NATURAL WATER BODIES, JURISDICTIONAL WETLANDS, ENDANGERED SPECIES HABITAT, STATE OF TEXAS SUBMERGED LANDS, HABITAT FOR ENDANGERED, THREATENED, OR PROTECTED SPECIES, CRITICAL DUNES, FLOOD PLAINS, FLOODWAYS, AND/OR VELOCITY ZONES ON THE SITE HAVE BEEN IDENTIFIED WITHIN THE SWQMP. IF ANY OF THESE AFOREMENTIONED AREAS ARE INDICATED ON THE PROPERTY ARE TO BE DISTURBED DURING CONSTRUCTION ADDITIONAL PERMITTING MAY BE REQUIRED.

PROPOSED SITE INFORMATION

- 1. PROPOSED LAND USE ASSUMPTION AS PER TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT) STORMWATER MANAGEMENT, IS INDICATED BELOW: 1.1. BUSINESS - NEIGHBORHOOD AREAS 1.2. INDUSTRIAL - LIGHT AREAS 2. AFTER CONSTRUCTION THE SITE COVERAGE WILL GENERALLY CONSIST OF THE FOLLOWING: 2.1. LANDSCAPED AREAS 2.2. PAVED 3. AFTER CONSTRUCTION THE DRAINAGE STRUCTURES ON-SITE WILL CONSIST OF THE FOLLOWING: 3.1. CURB INLETS 3.2. GRATE INLETS 3.3. DETENTION INLETS 3.4. PIPED OUTFALLS 3.5. ABOVE GROUND DETENTION AREAS 4. THE EXISTING STORMWATER GENERAL FLOW DIRECTION IS AS PER THE FOLLOWING: 4.1. THE GENERAL DIRECTION OF THE FLOW OF THE STORMWATER RUNOFF WILL CONTINUE TOWARDS SARATOGA BOULEVARD, HOWEVER, THE ROUTING OF THE STORMWATER WILL BE THROUGH THE DEVELOPMENT AND THE TIME THAT IT WILL TAKE TO PROCEED TO SARATOGA BOULEVARD WILL BE SUBSTANTIALLY INCREASED. 4.2. THE EXISTING STORMWATER FLOW (PIPED, CHANNELIZED, AND/OR SHEET FLOW) FROM ADJACENT PROPERTIES SHALL NOT BE BLOCKED IN A MANNER THAT RESULTS IN DEPTHS THAT WILL RESULT IN FLOODING OF HABITABLE STRUCTURES. 4.3. THE STORMWATER FLOW WILL BE ALLOWED TO CONTINUE INTO THE PROPERTY AND WILL BE HANDLED EITHER BY CONTINUING ANY PIPES, CHANNELS, AND/OR GRADING OF THE PROPOSED SURFACE TO PROPOSED STRUCTURES. 5. TEMPORARY AND PERMANENT EROSION CONTROL DEVICES WILL BE OBTAINED WITHIN THE STORM WATER POLLUTION PREVENTION PLAN OR THE STORM WATER CONTROL PLAN ASSOCIATED WITH THE CONSTRUCTION OF THE DEVELOPMENT. 6. THE STORMWATER FLOW FROM THIS SITE WILL HAVE NO ADVERSE EFFECTS DOWNSTREAM.

BASIN CALCULATIONS

- 1. REFER TO BASIN CALCULATIONS FORMS THAT ARE PART OF THIS DOCUMENT.

Table with columns: BASIN CALCULATIONS, PROPERTY NAME, CALCULATOR, DATE, and various data points for Basin 1 and Basin 2.

Table with columns: BASIN CALCULATIONS, PROPERTY NAME, CALCULATOR, DATE, and various data points for Basin 1 and Basin 2.

Table with columns: DETENTION FACILITY DESIGN, DETENTION FACILITY DESIGN, and various data points for detention basins.

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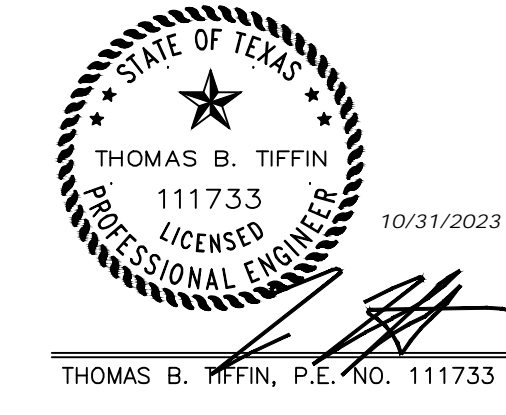
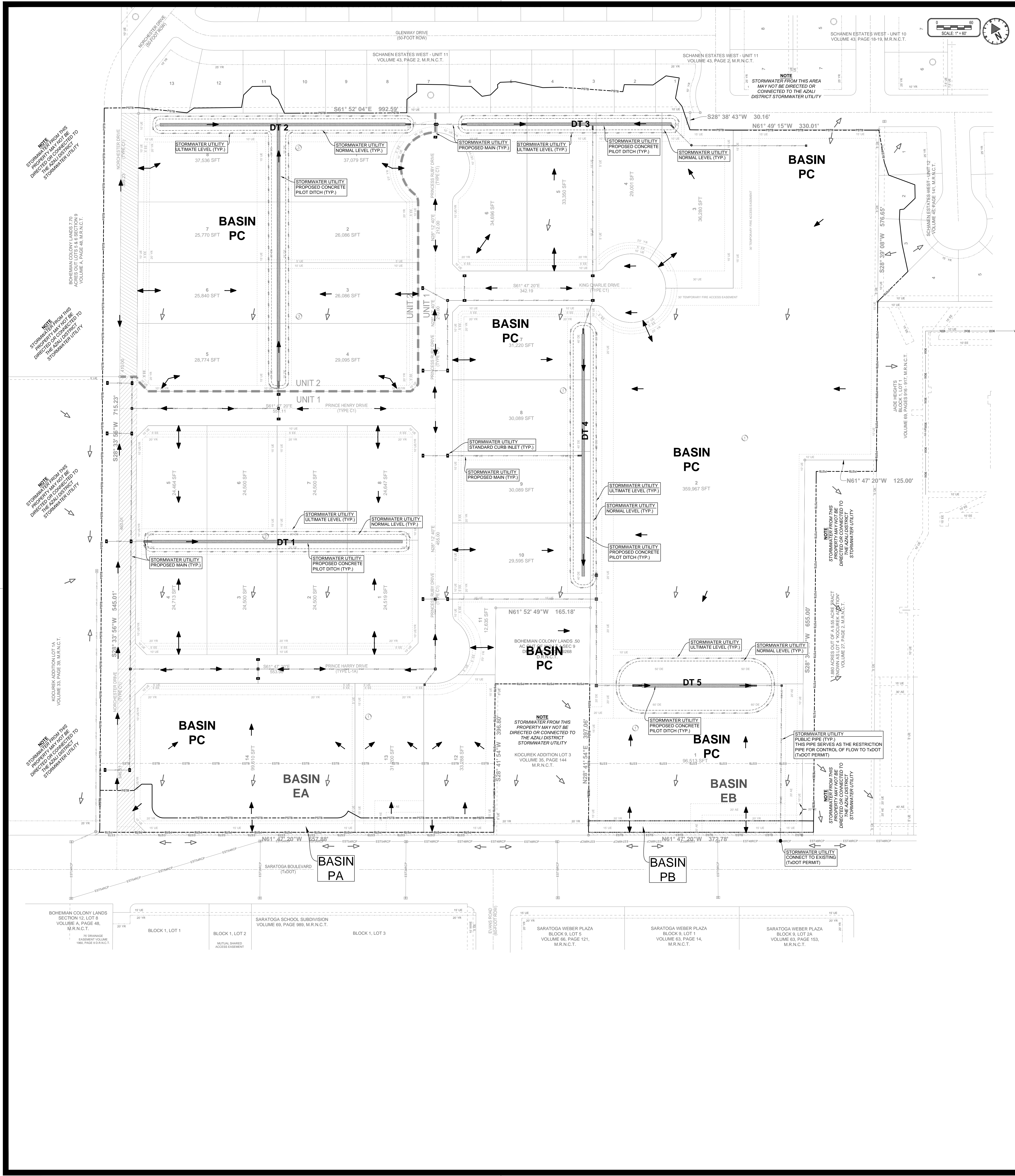
Brister Surveying logo and contact information: 4455 South Padre Island Drive Suite 51, Corpus Christi, Texas 78411. Office: 361-850-1800, Fax: 361-850-1802. Website: bristersurveying@corpus.twhc.com. Firm Registration No. 10072800.

MUNOZ ENGINEERING logo and contact information: 1608 S. BROWNLEE BOULEVARD, CORPUS CHRISTI, TX 78404. OFFICE: 361.946.4848, TBEPLS FRM F-12240. Website: CIVIL | STRUCTURAL | MARINE | LAND DEVELOPMENT.

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PRELIMINARY STORMWATER QUALITY MANAGEMENT PLAN FOR AZALI DISTRICT CORPUS CHRISTI, NUECES COUNTY, TEXAS

PLAT - 6/14/2023 - 10:24 AM
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PRELIMINARY STORMWATER QUALITY MANAGEMENT PLAN FOR
AZALI DISTRICT
CORPUS CHRISTI, NUECES COUNTY, TEXAS

MUNOZ ENGINEERING
1608 S. BROWNLEE BOULEVARD
CORPUS CHRISTI, TX 78404
OFFICE: 361.946.4848
TBEPLS.FRM.F-12240

Brister Surveying
4455 South Padre Island Drive Suite 51
Corpus Christi, Texas 78411
Office: 361-850-1800
Fax: 361-850-1802
bristersurveying@corpus.tbwc.com
Firm Registration No. 10072800

ENGINEER: THOMAS TIFFIN, PE
SURVEYOR: RONALD BRISTER, RPLS
OWNER: P&A, LLC
EXPOSURE: N/A
SURVEY PID: OWNER PID
DRAWN BY: RB
CHECKED BY: AN
APPROVED BY: RB
SURVEY DATE: 10/31/2023

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PAGE
SWQMP 2