

**WATER ARTERIAL TRANSMISSION AND GRID MAIN
CONSTRUCTION AND REIMBURSEMENT AGREEMENT**

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This Water Arterial Transmission and Grid Main Construction and Reimbursement Agreement ("Agreement") is entered into between the City of Corpus Christi ("City"), a Texas home-rule municipality, and **MPM Development, LP** ("Developer/Owner"), a Texas Limited Liability Corporation.

WHEREAS, the Developer/Owner, in compliance with the City's Unified Development Code ("UDC"), has a plat, approved by the Planning Commission on **September 20, 2023** to develop a tract of land, to wit: approximately **27.31** acres known as **King' Landing Unit 5 Subdivision located north of the Lady Alexa Dr. and Lady Claudia St. intersection** as shown in the attached **Exhibit 1**, the content of such exhibit being incorporated by reference into this Agreement;

WHEREAS, under the UDC, the Developer/Owner is responsible for construction of the Arterial Transmission and Grid main extension ("Water Improvements");

WHEREAS, under the UDC, the Developer/Owner is eligible for reimbursement of the Developer/Owner's costs for the construction of Water Improvements;

WHEREAS, it is in the best interests of the City to have the Water Improvements be constructed to its ultimate capacity under the City's applicable Master Plan;

WHEREAS, Section 8.5.1.C. of the UDC authorizes the acceptance of applications to be eligible for reimbursement in the future when certain funds become fully available in the Arterial Transmission and Grid Main Line Trust Fund and are appropriated by the City Council; and

WHEREAS, Developer/Owner has submitted an application for reimbursement of the costs of extending Water Improvements, as shown in **Exhibit 2**, the content of such exhibit being incorporated by reference into this Agreement.

WHEREAS, the Water Arterial Transmission and Grid Main Trust Fund does not currently have sufficient funds to fully reimburse Developer/Owner for Water Improvements; and

WHEREAS, Developer/Owner may be paid when assets of the Water Arterial Transmission and Grid Main Trust Fund are sufficient, authorized for such purpose, and Developer/Owner has priority per UDC §8.5.1. C.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained in this Agreement, the parties do covenant and agree as follows:

1. TRUSTEE LIABILITY.

- a. The City is executing this agreement as trustee of the Water Trust Fund pursuant to UDC §8.5. The City is acting as trustee to further its governmental functions of providing

water and sewer service. Texas Constitution Article 11, Section 3 prohibits the City from becoming a subscriber to the capital of any private corporation or association, or make any appropriation or donation to the same, or in anywise loan its credit. As such, the City's participation as Trustee does not create a loan of its credit. Execution of this agreement constitutes a promise to pay only to the extent that the assets and future assets of the trust are sufficient for such purpose and it is expressly agreed that any judgment will only be satisfied out of the assets of the trust and not out of the City's assets. The City is excluded from personal liability.

- b. The Water Arterial Transmission and Grid Main Trust Fund was established by Ordinance No. 17092 to encouraging the orderly development of subdivisions within and surrounding the City of Corpus Christi, Texas and continues pursuant Texas Local Government Code §395.001(4)(C). The revenue generated for funding and continuation of the Water Arterial Transmission and Grid Main Trust Fund is subject to legislation of the State of Texas and the City of Corpus Christi. Nothing in this agreement guarantees neither the continuation nor future revenues of the Water Arterial Transmission and Grid Main Trust Fund. The City is not liable for modification or termination of the Water Arterial Transmission and Grid Main Trust Fund. The Developer/Owner agrees that any modification or termination of the Water Arterial Transmission and Grid Main Trust Fund is a legislative action and does not constitute a breach of trust, an act of bad faith, an intentional or reckless indifference to the interest of a beneficiary, or a profit derived by the trustee from a breach of trust.

2. PLANS AND SPECIFICATIONS

- a. Developer/Owner shall contract with a professional engineer licensed in the State of Texas and acceptable to the City's Development Services Engineer to prepare plans and specifications for the Water Improvements, as shown in the attached **Exhibit 3**, the content of such exhibit being incorporated by reference into this Agreement, with the following minimum requirements:

	WATER ITEMS	QTY	UNIT	UNIT PRICE	AMOUNT
1	12" PVC PIPE	718	LF	\$112.00	\$80,416.00
2	12" CAP TAPPED FOR 2"	1	EA	\$1,000.00	\$1,000.00
3	12" TEE	4	EA	\$1,800.00	\$7,200.00
4	12" GATE VALVE W/BOX	2	EA	\$5,300.00	\$10,600.00
5	12" CROSS	2	EA	\$2,500.00	\$5,000.00
6	FIRE HYDRANT ASSEMBLY	2	EA	\$8,800.00	\$17,600.00
7	6" 90" EL	2	EA	\$800.00	\$1,600.00
8	6" DIA X 30" PVC PIPE NIPPLE	6	EA	\$775.00	\$4,650.00
9	6" GATE VALVE W/BOX	2	EA	\$2,000.00	\$4,000.00
SUBTOTAL					\$132,066.00
7% CONTINGENCIES					\$9,244.62
11% ENGINEERING, SURVEYING & TESTING					\$14,527.26
SUBTOTAL					\$155,837.88
LESS WATER LOT FEE					\$ 24,003.98
TOTAL AMOUNT REIMBURSABLE					\$131,833.90

- b. The plan must be in compliance with the City's master plans.
- c. The plans and specifications must comply with City Water Distribution Standards and Standard Specifications.
- d. Before the Developer/Owner starts construction the plans and specifications must be approved by the City's Development Services Engineer.

3. REIMBURSEMENT

- a. The cost for the Water Improvements less \$24,003.98 lot/acreage fee credit is **\$131,833.90**. Subject to the conditions for reimbursement from the Water Arterial Transmission and Grid Main Trust Fund and the appropriation of funds, the City will reimburse the developer, the reasonable actual cost of the Water Improvements up to an amount not to exceed **\$131,833.90** as shown in the attached **Exhibit 4**, the contents of such exhibit being incorporated by reference into this Agreement.
- b. Subject to the conditions for reimbursement from the Water Arterial Transmission and Grid Main Trust Fund per the UDC, this agreement, and the appropriation of funds, the City agrees to reimburse the Developer/Owner on a monthly basis upon invoicing for work performed. The submitted invoice shall be deemed administratively complete by the City prior to payment. The reimbursement will be made no later than 30-days from the date of the City's administrative approval of the invoice. Developer/Owner shall submit all required performance bonds and proof of required insurance under the provisions of this Agreement.
- c. Cost-supporting documentation to be submitted shall include:
 - 1. Summary of Costs and Work Performed on form provided by the Development Services Department,
 - 2. Contractor and professional services invoices detailing work performed,
 - 3. The first reimbursement request requires submittal of invoices for work performed. Future disbursements shall provide evidence of payment by the developer/owner through a cancelled check or bank ACH for the previous submittal. The final reimbursement request shall require evidence that all invoices to date have been paid.
- d. To be eligible for reimbursement, the work must be constructed in a good and workmanlike manner and must have been inspected and accepted by the City. The City agrees to conduct periodic inspections and approve the progress of the work at key points during construction.
- e. The final 5% of the total contract reimbursement amount will be held as retainage until such time the City issues acceptance of public infrastructure in accordance with Unified Development Code.
- f. In the event that this Agreement is terminated by the City at a time when there has been a partial completion and partial payment for the improvements, then the City shall only reimburse Developer/Owner for its costs that were legitimately incurred towards the completion of the improvements that have been inspected and

accepted by the City up to the time that there is an uncured default by the Developer/Owner.

4. PAYMENTS, CREDITS AND DEFERRED REIMBURSEMENT.

- a. All payments, credits, priority of reimbursement, and deferred reimbursement shall be made in accordance with UDC §8.5. Developer/Owner understands and agrees that if funds are not available in the Water Arterial Transmission and Grid Main Trust Fund, that reimbursement will not be made until such funds are available, appropriated, and Developer/Owner has priority per UDC §8.5.1. Pursuant UDC §8.5.1. C., priority is determined according to the date the reimbursement agreement is approved by the City Council.
- b. Payments will not be paid when funds are not available in the Water Arterial Transmission and Grid Main Trust Fund. Payments may be made when monies are available in and appropriated from the Water Arterial Transmission and Grid Main Trust Fund and the Developer/Owner has priority in accordance with UDC §8.5.1. C.
- c. If the developer is owed funds from the Water Arterial Transmission and Grid Main Trust Fund, the developer will be given credit for lot or acreage fees that are due on subsequent final plats filed with the County Clerk in accordance with UDC §8.5.1. C. The amounts credited will be deducted from the outstanding amounts owed to the developer by the Water Arterial Transmission and Grid Main Trust Fund until the total amount owed has been paid, provided that the lands being platted are within or contiguous to the boundaries of the preliminary plat of the originally developed property, the land will be served by the water line for which the credit was given, and an extension of the line was not required to serve the land.

5. DEVELOPER/OWNER TO COMPLETE IMPROVEMENTS

Developer/Owner shall award a contract and complete the Water Improvements, under the approved plans and specifications within 24 months from the date of City Council approval of this agreement.

6. NOTICES

- a. Any notice or other communication required or permitted to be given under this Agreement must be given to the other Party in writing at the following address:

- 1. If to the Developer/Owner:

**MPM Development, LP
P.O. Box 331308
Corpus Christi, Tx 78463**

- 2. If to the City:

City of Corpus Christi
Attn: Director, Development Services Department
2406 Leopard Street 78401

P. O. Box 9277
Corpus Christi, Texas 78469-9277

with a copy to:

City of Corpus Christi
Attn: Assistant City Manager, Business Support Services
1201 Leopard Street 78401
P. O. Box 9277
Corpus Christi, Texas 78469-9277

- b. Notice may be made by United States Postal Service, First Class Mail, Certified, Return Receipt Requested, postage prepaid; by a commercial delivery service that provides proof of delivery, delivery prepaid; or by personal delivery.
- c. Either party may change the address for notices by giving notice of the change under the provisions of this section.

7. REQUIRED CONSTRUCTION

Developer/Owner shall construct the Water Improvements in compliance with the City's UDC, the City's Infrastructure Design Manual, and all local, state and federal laws, codes and regulations, in accordance with the plans and specifications submitted to the City's Development Services Department and reviewed and approved by the City's Development Services Engineer.

8. SITE IMPROVEMENTS

Prior to the start of construction of the Water Improvements, Developer/Owner shall acquire and dedicate to the City the required additional utility easements "Easements", if necessary for the completion of the Water Improvements. If any of the property needed for the Easements is owned by a third party and Developer/Owner is unable to acquire the Easements through reasonable efforts, then the City may use its powers of eminent domain to acquire the Easements. Developer will be responsible for cost of acquisition, payable from the reimbursement agreed to in this agreement.

9. PLATTING FEES

Developer/Owner shall pay to the City the required acreage fees and pro-rata fees as required by the UDC.

10. TIME IS OF THE ESSENCE. Time is of the essence in the performance of this contract.

11. PROMPT AND GOOD FAITH ACTIONS

The parties shall act promptly and in good faith in performing their duties or obligations under this Agreement. If this Agreement calls for review or inspections by the City, then the City's reviews or inspections must be completed thoroughly and promptly.

12. DEFAULT

The following events shall constitute default:

- a. Developer/Owner fails to engage a professional engineer for the preparation of plans and specifications by the 10th calendar day after the date of approval of this Agreement by the City Council.
- b. Developer/Owner's professional engineer fails to submit the plans and specifications to the City's Director of Engineering Services by the 40th calendar day after the date of approval by City Council.
- c. Developer/Owner fails to award a contract for the construction of the project, according to the approved plans and specifications, by the 70th calendar day after the date of approval by City Council.
- d. Developer/Owner's contractor does not reasonably pursue construction of the Water Improvements under the approved plans and specifications.
- e. Developer/Owner's contractor fails to complete construction of the Water Improvements, under the approved plans and specifications as provided in section 4 of this agreement.
- f. Either the City or Developer/Owner otherwise fails to comply with its duties or obligations under this Agreement.

13. NOTICE AND CURE

- a. In the event of a default by either party under this Agreement, the non-defaulting party shall deliver notice of the default, in writing, to the defaulting party stating, in detail the nature of the default and the requirements to cure such default.
- b. After delivery of the default notice, the defaulting party has 15 business days from the delivery of the default notice ("Cure Period") to cure the default.
- c. In the event the default is not cured by the defaulting party within the Cure Period, then the non-defaulting party may pursue its remedies in this section.
- d. Should Developer/Owner fail to perform any obligation or duty of this Agreement, the City shall give notice to Developer/Owner, at the address stated in section 6, of the need to perform the obligation or duty, and should Developer/Owner fail to perform the required obligation or duty within 15 days of receipt of the notice, the City may perform the obligation or duty, charging the cost of such performance to Developer/Owner by reducing the reimbursement amount due Developer/Owner.
- e. In the event of an uncured default by the Developer/Owner, after the appropriate notice and cure period, the City has all its common law remedies and the City may:
 1. Terminate this Agreement after the required notice and opportunity to cure the default;
 2. Refuse to record a related plat or issue any certificate of occupancy for any structure to be served by the project; and/or

3. Perform any obligation or duty of the Developer/Owner under this agreement and charge the cost of such performance to Developer/Owner. Developer/Owner shall pay to City the reasonable and necessary cost of the performance within 30 days from the date Developer/Owner receives notice of the cost of performance. In the event that Developer/Owner pays the City under the preceding sentence, and is not otherwise in default under this Agreement, then the Agreement shall be considered in effect and no longer in default.
- f. In the event of an uncured default by the City after the appropriate notice and cure period, the Developer/Owner has all its remedies at law or equity for such default.

14. FORCE MAJEURE

- a. The term "force majeure" as employed in this Agreement means and refers to acts of God; strikes, lockouts, or other industrial disturbances; acts of public enemies; insurrections; riots; epidemic; landslides; lightning; earthquakes; fires; hurricanes; storms; floods; washouts; droughts; arrests; civil disturbances; explosions; or other causes not reasonably within the control of the party claiming the inability.
- b. If, by reason of force majeure, either party is rendered wholly or partially unable to carry out its obligations under this Agreement, then the party claiming force majeure shall give written notice of the full particulars of the force majeure to the other party within ten (10) business days after the occurrence or waive the right to claim it as a justifiable reason for delay. The obligations of the party giving the required notice, to the extent affected by the force majeure, are suspended during the continuance of the inability claimed, but for no longer period, and the party shall endeavor to remove or overcome such inability with all reasonable dispatch.

15. THIRD-PARTY BENEFICIARY

Developer/Owner's contracts with the professional engineer for the preparation of the plans and specifications for the construction of the Water Improvements contracts for testing services, and with the contractor for the construction of the Water Improvements must provide that the City is a third-party beneficiary of each contract.

16. PERFORMANCE AND PAYMENT BONDS

Developer/Owner shall, before beginning the work that is the subject of this Agreement, furnish a performance bond payable to the City of Corpus Christi if the contract is in excess of \$100,000 and a payment bond if the contract is in excess of \$50,000. Bonds furnished must meet the requirements of Texas Insurance Code 3503, Texas Government Code 2253, and all other applicable laws and regulations. The performance or payment bond must name the City as an obligee. If the Developer/Owner is not an obligor, then Developer/Owner shall be named as a joint obligee. The bond must clearly and prominently display on the bond or on an attachment to the bond:

(1) the name, mailing address, physical address, and telephone number, including the area code, of the surety company to which any notice of claim should be sent; or

(2) the toll-free telephone number maintained by the Texas Department of Insurance under Subchapter B, Chapter 521, Insurance Code, and a statement that the address of the surety company to which any notice of claim should be sent may be obtained from the Texas Department of Insurance by calling the toll-free telephone number.

17. DEDICATION OF WATER IMPROVEMENTS.

Upon completion of the construction, dedication of Water Improvements will be subject to City inspection and approval

18. WARRANTY

Developer/Owner shall fully warranty the workmanship of and function of the Water Improvements and the construction thereof for a period of one year from and after the date of acceptance of the facilities by the City's Director of Engineering Services.

19. INDEMNIFICATION

Developer/Owner covenants to fully indemnify, save and hold harmless the City of Corpus Christi, its officers, employees, and agents, ("indemnitees") against any and all liability, damage, loss, claims, demands suits and causes of action of any nature whatsoever asserted against or recovered from city on account of injury or damage to person including, without limitation on the foregoing, workers compensation and death claims, or property loss or damage of any other kind whatsoever, to the extent any injury, damage, or loss may be incident to, arise out of, be caused by, or be in any way connected with, either proximately or remotely, wholly or in part, the Developer/Owner's failure to comply with its obligations under this agreement or to provide city water service to the development, including injury, loss, or damage which arise out of or are in any manner connected with, or are claimed to arise out of or be in any manner connected with the construction, installation, existence, operation, use, maintenance, repair, restoration, or removal of the public improvements associated with the development described above, including the injury, loss or damage caused by the sole or contributory negligence of the indemnitees or any of them, regardless of whether the injury, damage, loss, violation, exercise of rights, act, or omission is caused or is claimed to be caused by

the contributing or concurrent negligence of indemnitees, or any of them, but not if caused by the sole negligence of indemnitees, or any of them, unmixed with the fault of any other person or entity, and including all expenses of litigation, court costs, and attorneys fees, which arise, or are claimed to arise, out of or in connection with the asserted or recovered incident.

This indemnity specifically includes all claims, damages, and liabilities of whatever nature, foreseen or unforeseen, under any hazardous substance laws, including but not limited to the following:

(a) all fees incurred in defending any action or proceeding brought by a public or private entity and arising from the presence, containment, use, manufacture, handling, creating, storage, treatment, discharge, release or burial on the property or the transportation to or from the property of any hazardous substance. The fees for which the developer/owner shall be responsible under this subparagraph shall include but shall not be limited to the fees charged by (i) attorneys, (ii) environmental consultants, (iii) engineers, (iv) surveyors, and (v) expert witnesses.

(b) any costs incurred attributable to (i) the breach of any warranty or representation made by Developer/Owner in this agreement, or (ii) any cleanup, detoxification, remediation, or other type of response action taken with respect to any hazardous substance on or under the property regardless of whether or not that action was mandated by the federal, state or local government.

This indemnity shall survive the expiration or earlier termination of the agreement.

20. ASSIGNMENT OF AGREEMENT

This Agreement or any rights under this Agreement may not be assigned by the Developer/Owner to another without the written approval and consent of the City's City Manager.

21. DISCLOSURE OF INTERESTS

Developer/Owner agrees, in compliance with the Corpus Christi Code of Ordinance Sec. 2-349, to complete, as part of this Agreement, the Disclosure of Interests form attached hereto as **Exhibit 5**.

22. CERTIFICATE OF INTERESTED PARTIES.

Developer/Owner agrees to comply with Texas Government Code section 2252.908 and complete Form 1295 Certificate of Interested Parties as part of this agreement.

Form 1295 requires disclosure of “interested parties” with respect to entities that enter contracts with cities. These interested parties include:

(1) persons with a “controlling interest” in the entity, which includes:

- a. an ownership interest or participating interest in a business entity by virtue of units, percentage, shares, stock or otherwise that exceeds 10 percent;
- b. membership on the board of directors or other governing body of a business entity of which the board or other governing body is composed of not more than 10 members; or
- c. service as an officer of a business entity that has four or fewer officers, or service as one of the four officers most highly compensated by a business entity that has more than four officers.

(2) a person who actively participates in facilitating a contract or negotiating the terms of a contract with a governmental entity or state agency, including a broker, intermediary, adviser or attorney for the business entity.

Form 1295 must be electronically filed with the Texas Ethics Commission at https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm. The form must then be printed, signed, notarized and filed with the City. For more information, please review the Texas Ethics Commission Rules at <https://www.ethics.state.tx.us/legal/ch46.html>.

23. CONFLICT OF INTEREST.

Developer/Owner agrees to comply with Chapter 176 of the Texas Local Government Code and file Form CIQ with the City Secretary’s Office, if required. For more information and to determine if you need to file a Form CIQ, please review the information on the City Secretary’s website at <http://www.cctexas.com/government/city-secretary/conflict-disclosure/index>

24. AUTHORITY.

All signatories signing this Agreement warrant and guarantee that they have the authority to act on behalf of the entity represented and make this Agreement binding and enforceable by their signature.

25. EFFECTIVE DATE

This Agreement shall be executed in one original, which shall be considered one instrument. *This Agreement becomes effective and is binding upon, and inures to the benefit of the City and Developer/Owner from and after the date that all original copies have been executed by all signatories.

Remainder of page intentionally left blank; signature page to follow.

EXECUTED IN ONE ORIGINAL this _____ day of _____, 20____.

ATTEST:

CITY OF CORPUS CHRISTI

Rebecca Huerta
City Secretary

Albert J. Raymond III, AIA, CBO
Director of Development Services

APPROVED AS TO LEGAL FORM:

Buck Brice (Date)
Deputy City Attorney
For City Attorney

DEVELOPER/OWNER:

**MPM Development, LP
P.O. Box 331308
Corpus Christi, Texas 78463**

By: _____
Moses Mostaghasi
General Partner

**STATE OF TEXAS §
 §
COUNTY OF _____ §**

This instrument was acknowledged before me on _____, 20____, by
Moses Mostaghasi, General Partner of MPM Development, on behalf of said Company.

Notary Public's Signature

EXHIBIT 1

PLAT OF KING'S LANDING UNIT 5

A 27.311 ACRE TRACT OF LAND, MORE OR LESS, A PORTION OF A 293.041 ACRE TRACT, DDC. NO. 2019035726, D.R. AND A PORTION OF A 130.570 ACRE TRACT, DDC. NO. 2019051482, O.R., SAID 27.311 ACRE TRACT BEING A PORTION OF SURVEY 135 ABSTRACT 581, CERTIFICATE 29 AND SURVEY 139, ABSTRACT 577, CERTIFICATE 33, SAID SURVEYS NAMED CUADRILLA IRRIGATION COMPANY, NUECES CO., TX

CORPUS CHRISTI, NUECES COUNTY, TEXAS

BASS & WELSH ENGINEERING
TX SURVEY REG. NO 100027-00, TX ENGINEERING
REG. NO. F-52, 3054 S. ALAMEDA STREET,
CORPUS CHRISTI, TEXAS 78404

DATE PLOTTED: 07/07/23
COMP. NO.: PLAT-SH1
JOB NO.: 23007
SCALE: 1" = 50'
PLOT SCALE: SAME
SHEET 1 OF 3

STATE OF TEXAS §
COUNTY OF NUECES §

WE, MPM DEVELOPMENT, LP, HEREBY CERTIFY THAT WE ARE THE OWNERS OF THE LAND EMBRACED WITHIN THE BOUNDARIES OF THE FOREGOING PLAT, SUBJECT TO A LIEN IN FAVOR OF _____ THAT WE HAVE HAD SAID LAND SURVEYED AND SUBDIVIDED AS SHOWN, THAT STREETS AND EASEMENTS AS SHOWN HAVE BEEN HERETOFORE DEDICATED, OR IF NOT PREVIOUSLY DEDICATED, ARE HEREBY DEDICATED TO THE PUBLIC USE FOREVER AND THAT THIS PLAT WAS MADE FOR THE PURPOSES OF DESCRIPTION AND DEDICATION.

THIS THE _____ DAY OF _____, 20____.

MOSSA MOSTAGHASI, GENERAL PARTNER

STATE OF TEXAS §
COUNTY OF NUECES §

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME BY MOSSA MOSTAGHASI, GENERAL PARTNER OF MPM DEVELOPMENT, LP.

THIS THE _____ DAY OF _____, 20____.

NOTARY PUBLIC, IN AND FOR THE
STATE OF TEXAS

STATE OF TEXAS §
COUNTY OF NUECES §

I, NIXON M. WELSH, REGISTERED PROFESSIONAL LAND SURVEYOR OF BASS & WELSH ENGINEERING, HEREBY CERTIFY THAT THE FOREGOING PLAT WAS PREPARED FROM A SURVEY MADE ON THE GROUND UNDER MY DIRECTION.

THIS THE _____ DAY OF _____, 20____.

NIXON M. WELSH, R. P. L. S.

STATE OF TEXAS §
COUNTY OF NUECES §

WE, _____ (NAME), HEREBY CERTIFY THAT WE ARE THE HOLDERS OF A LIEN ON THE LAND EMBRACED WITHIN THE BOUNDARIES OF THE FOREGOING MAP AND THAT WE APPROVE THE SUBDIVISION AND DEDICATION FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED.

BY: _____

TITLE: _____

STATE OF TEXAS §
COUNTY OF NUECES §

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME BY _____ (NAME),
_____ (TITLE), OF _____

THIS THE _____ DAY OF _____, 20____.

NOTARY PUBLIC, IN AND FOR
THE STATE OF TEXAS

STATE OF TEXAS §
COUNTY OF NUECES §

THE FINAL PLAT OF THE HEREIN DESCRIBED PROPERTY WAS APPROVED BY THE DEPARTMENT OF DEVELOPMENT SERVICES OF THE CITY OF CORPUS CHRISTI, TEXAS

BRIA A. WHITMIRE, P.E., CFM, CPM
DEVELOPMENT SERVICES ENGINEER

DATE _____

STATE OF TEXAS §
COUNTY OF NUECES §

THE FINAL PLAT OF THE HEREIN DESCRIBED PROPERTY WAS APPROVED ON BEHALF OF THE CITY OF CORPUS CHRISTI, TEXAS BY THE PLANNING COMMISSION.

THIS THE _____ DAY OF _____, 20____.

KAMRAN ZARGHOUNI
CHAIRMAN

AL RAYMOND, III, AIA
SECRETARY

STATE OF TEXAS §
COUNTY OF NUECES §

I, KARA SANDS, CLERK OF THE COUNTY COURT IN AND FOR SAID COUNTY, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT DATED THE _____ DAY OF _____, 20____ WITH ITS CERTIFICATE OF AUTHENTICATION, WAS FILED FOR RECORD IN MY OFFICE THE _____ DAY OF _____, 20____ AT _____ O'CLOCK _____,M., AND DULY RECORDED THE _____ DAY OF _____, 20____ AT _____ O'CLOCK _____,M. IN THE MAP RECORDS OF SAID COUNTY IN

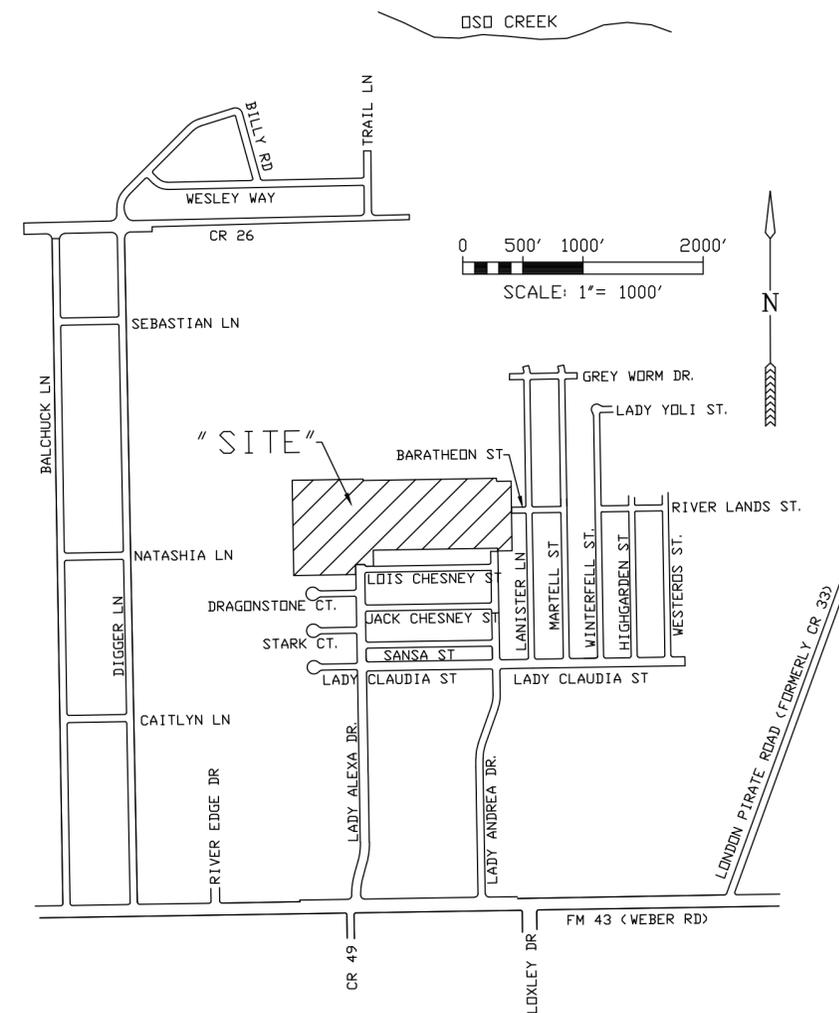
VOLUME _____ PAGE _____ INSTRUMENT NUMBER _____, WITNESS MY HAND AND SEAL OF THE COUNTY COURT IN AND FOR SAID COUNTY AT OFFICE IN CORPUS CHRISTI, NUECES COUNTY, TEXAS, THE DAY AND YEAR LAST WRITTEN.

BY: _____
DEPUTY

KARA SANDS, CLERK
COUNTY COURT
NUECES COUNTY, TEXAS

LEGEND:

- DE DRAINAGE EASEMENT
- D.R. DEED RECORDS, NUECES CO., TX
- M.R. MAP RECORDS, NUECES CO., TX
- O.R. OFFICIAL RECORDS, NUECES CO., TX
- UE UTILITY EASEMENT

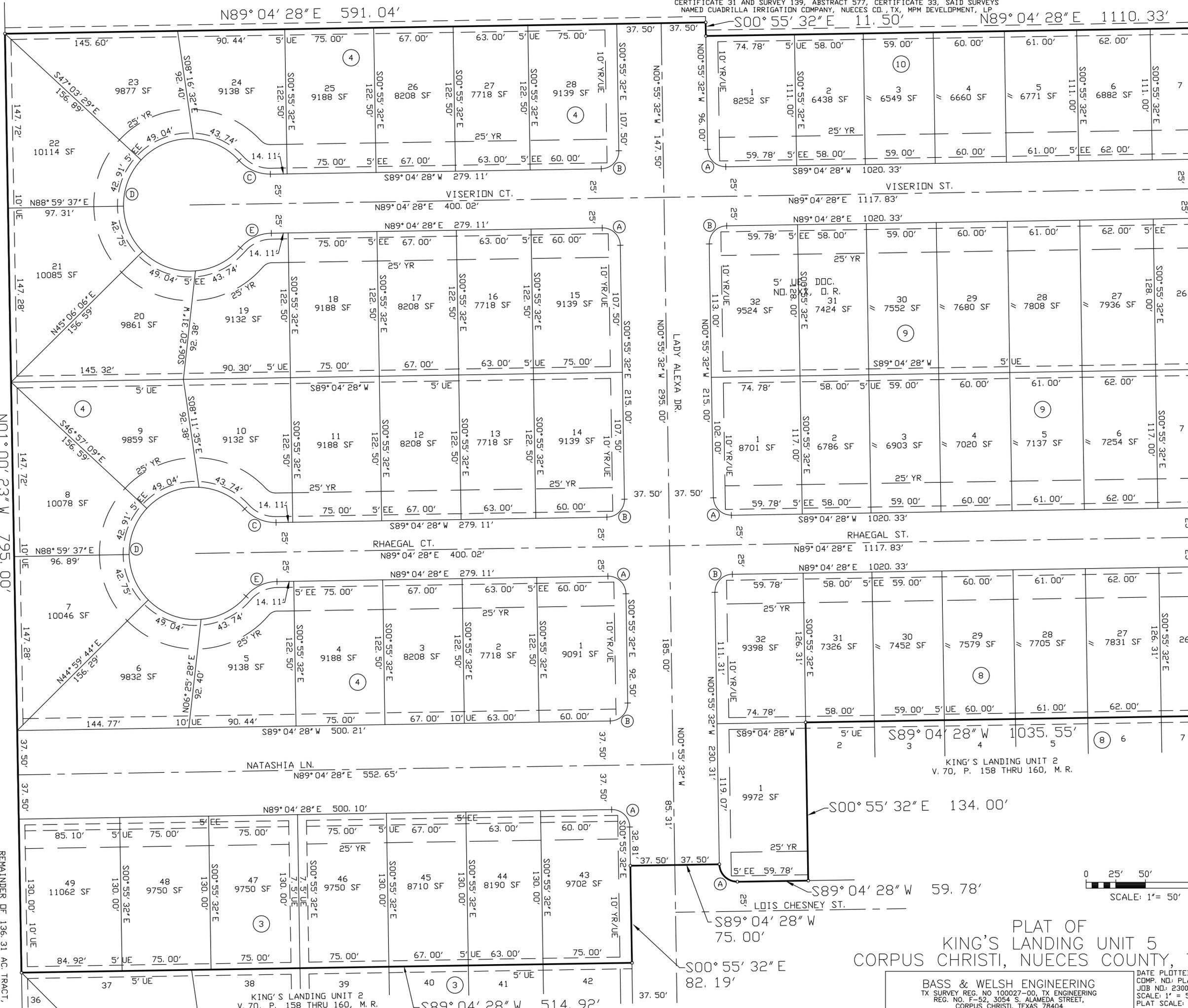


LOCATION MAP
1"=1000'

NOTES

1. SET 5/8" IRON RODS WHERE POSSIBLE AT ALL LOT CORNERS; WHERE NOT POSSIBLE TO SET 5/8" IRON RODS, SET NAILS OR CHISEL MARKS AT LOT CORNERS IF POSSIBLE. ALL IRON RODS SET CONTAIN PLASTIC CAPS LABELED BASS AND WELSH ENGINEERING.
2. 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.
3. THE BASIS OF BEARINGS IS THE STATE OF TEXAS LAMBERT GRID, SOUTH ZONE, NAD 1983.
4. THE ENTIRE SUBJECT SITE IS IN FEMA ZONE X, OTHER AREAS, MAP NO. 48355C0505G (10/13/2022).
5. LEGAL DESCRIPTION: A 27.311 ACRE TRACT OF LAND, MORE OR LESS, A PORTION OF A 293.041 ACRE TRACT, DDC. NO. 2019035726, D. R. AND A PORTION OF A 130.570 ACRE TRACT, DDC. NO. 2019051482, O. R., SAID 27.311 ACRE TRACT BEING A PORTION OF SURVEY 135 ABSTRACT 581, CERTIFICATE 29 AND SURVEY 139, ABSTRACT 577, CERTIFICATE 33, SAID SURVEYS NAMED CUADRILLA IRRIGATION COMPANY, NUECES CO., TX
6. THE TOTAL PLATTED AREA CONTAINS 27.311 ACRES OF LAND INCLUDING STREET DEDICATIONS.
7. THE YARD REQUIREMENT, AS DEPICTED, IS A REQUIREMENT OF THE UNIFIED DEVELOPMENT CODE AND IS SUBJECT TO CHANGE AS THE ZONING MAY CHANGE.
5. ALL DRIVEWAYS TO RESIDENTIAL AND COLLECTOR PUBLIC STREETS WITHIN THE SUBDIVISION SHALL CONFORM TO ACCESS MANAGEMENT STANDARDS OUTLINED IN ARTICLE 7 OF THE UDC.

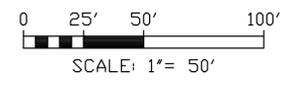
PORTION OF A 130.570 ACRE TRACT, D.C. NO. 2019051482, D.R., A PORTION OF SURVEY 135 ABSTRACT 581, CERTIFICATE 29, SURVEY 137, ABSTRACT 579, CERTIFICATE 31 AND SURVEY 139, ABSTRACT 577, CERTIFICATE 33, SAID SURVEYS NAMED CUADRILLA IRRIGATION COMPANY, NUECES CO., TX, MPM DEVELOPMENT, LP



- CURVE DATA
- (A) D=90° 00' 00"
R=15.00'
T=15.00'
L=23.56'
CB=S44° 04' 28" W
CH=21.21'
 - (B) D=90° 00' 00"
R=15.00'
T=15.00'
L=23.56'
CB=S44° 04' 28" W
CH=21.21'
 - (C) D=48° 45' 01"
R=35.00'
T=15.86'
L=29.78'
CB=N66° 33' 01" W
CH=28.89'
 - (D) D=277° 30' 03"
R=56.00'
T=49.11'
L=271.22'
CB=S00° 55' 32" E
CH=73.85'
 - (E) D=48° 45' 01"
R=35.00'
T=15.86'
L=29.78'
CB=N64° 41' 57" E
CH=28.89'

REMAINDER OF 136.31 AC. TRACT,
D.C. NO. 2016041530, D.R.

REMAINDER OF 136.31 AC. TRACT,
D.C. NO. 2016041530, D.R.



PLAT OF
KING'S LANDING UNIT 5
CORPUS CHRISTI, NUECES COUNTY, TEXAS

BASS & WELSH ENGINEERING
TX SURVEY REG. NO. 100027-00, TX ENGINEERING
REG. NO. F-52, 3054 S. ALAMEDA STREET,
CORPUS CHRISTI, TEXAS 78404

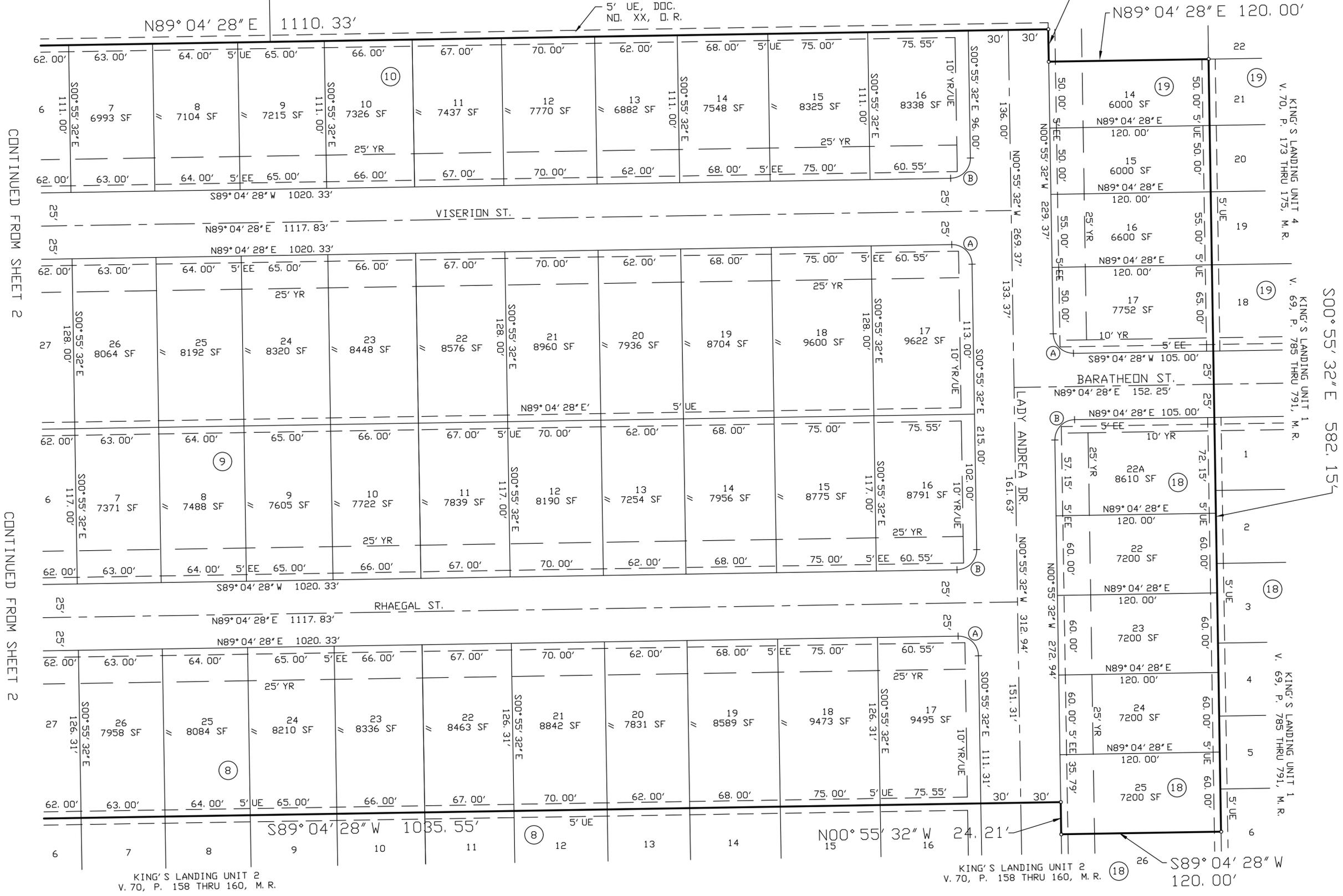
DATE PLOTTED: 07/07/23
CMP. NO. PLAT-SHT2
JOB NO.: 23007
SCALE: 1" = 50'
PLAT SCALE: SAME
SHEET 2 OF 3

CONTINUED ON SHEET 3

CONTINUED ON SHEET 3

PORTION OF A 130.570 ACRE TRACT, DDC. NO. 2019051482, D.R., A PORTION OF SURVEY 135 ABSTRACT 581, CERTIFICATE 29, SURVEY 137, ABSTRACT 579, CERTIFICATE 31 AND SURVEY 139, ABSTRACT 577, CERTIFICATE 33, SAID SURVEYS NAMED CUADRILLA IRRIGATION COMPANY, NUECES CO., TX, MPM DEVELOPMENT, LP

PORTION OF A 293.041 ACRE TRACT, DDC. NO. 2019035726, D.R., A PORTION OF SURVEY 135 ABSTRACT 581, CERTIFICATE 29, SURVEY 137, ABSTRACT 579, CERTIFICATE 31 AND SURVEY 139, ABSTRACT 577, CERTIFICATE 33, SAID SURVEYS NAMED CUADRILLA IRRIGATION COMPANY, NUECES CO., TX, MPM DEVELOPMENT, LP

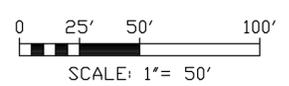


CURVE DATA
 (A) D=90°00'00"
 R=15.00'
 T=15.00'
 L=23.56'
 CB=S45°55'32"E
 CH=21.21'
 (B) D=90°00'00"
 R=15.00'
 T=15.00'
 L=23.56'
 CB=S44°04'28"E
 CH=21.21'



CONTINUED FROM SHEET 2

CONTINUED FROM SHEET 2



PLAT OF
 KING'S LANDING UNIT 5
 CORPUS CHRISTI, NUECES COUNTY, TEXAS

BASS & WELSH ENGINEERING
 TX SURVEY REG. NO. 100027-00, TX ENGINEERING
 REG. NO. F-52, 3054 S. ALAMEDA STREET,
 CORPUS CHRISTI, TEXAS 78404

DATE PLOTTED: 07/07/23
 COMP. NO.: PLAT-SHT3
 JOB NO.: 23007
 SCALE: 1" = 50'
 PLAT SCALE: SAME
 SHEET 3 OF 3

EXHIBIT 2



Reimbursement Agreement **Application**

Date of Application: 11-14-23

Approved Plat Name: Kings's Landing Unit 5

Reimbursable Public Improvements: Reimbursement for Water Line

Approved Public Improvement Plans: Y [] N []

Cost Estimate for Public Improvements:

Ownership and authorized signatories to enter into the agreement: MPM Development, LP

Contact Information

Name: Mossa (Moses) Mostaghasi

E-mail address: mothepro99@aol.com

Phone Number: 361-774-3832

Preferred Method of Contact: Email [] Phone Other []
If other, provide detail:

Company Name entering into the agreement: MPM Development, LP

Company Address: PO Box 331308 Corpus Christi, TX 78463

A handwritten signature in blue ink, appearing to be "Mossa", written over a horizontal line.

Applicant's Signature & Title

General Partner

Submit Application Electronically to:
contractsandagreements@cctexas.com

Mail to:

Development Services

Attn: Business Manager

2406 Leopard St. Suite 100

Corpus Christi, Texas 78408

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

Certificate Number:
2023-1095527

Date Filed:
11/16/2023

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

MPM Development, LP
Corpus Christi, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

City of Corpus Christi

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

Kings Landing Unit 5
Reimbursement for Water Line ~~and Street~~

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
Mostaghasi, Moses	Corpus Christi, TX United States		X

5 Check only if there is NO Interested Party.

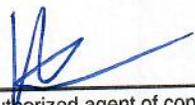
6 UNSWORN DECLARATION

My name is Mossa (Moses) Mostaghasi, and my date of birth is 04-23-1983.

My address is 8017 Bar Le Doc Corpus Christi, TX 78415,
(street) (city) (state) (zip code) (country)

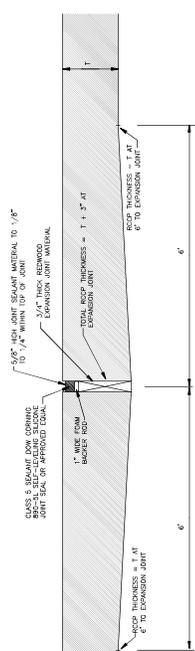
I declare under penalty of perjury that the foregoing is true and correct.

Executed in Nueces County, State of Texas, on the 16 day of November, 20 23.
(month) (year)



Signature of authorized agent of contracting business entity
(Declarant)

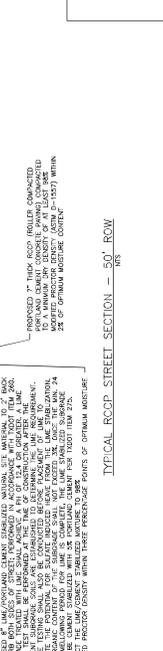
EXHIBIT 3



EXPANSION JOINT DETAIL - RCPC
 1. EXPANSION JOINTS SHALL BE PLACED FULL LENGTH ACROSS STREETS AT JOINT LOCATIONS AS SHOWN IN FOLLOWING JOINTING PLAN SHEETS.
 2. JOINTS SHALL BE PLACED IN THE MIDDLE OF THE JOINT LENGTH. JOINTS SHALL BE PLACED IN A MANNER BEGING OR ENDING WITH THE JOINT STREET AT AN EXPANSION JOINT.
 3. JOINTS SHALL BE PLACED IN THE MIDDLE OF THE JOINT LENGTH. JOINTS SHALL BE PLACED IN A MANNER BEGING OR ENDING WITH THE JOINT STREET AT AN EXPANSION JOINT.
 4. JOINTS SHALL BE PLACED IN THE MIDDLE OF THE JOINT LENGTH. JOINTS SHALL BE PLACED IN A MANNER BEGING OR ENDING WITH THE JOINT STREET AT AN EXPANSION JOINT.



TYPICAL RCPC STREET SECTION - 50' ROW
 PROPOSED 4\"/>

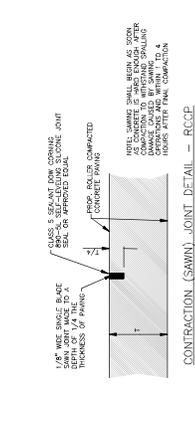


TYPICAL RCPC STREET SECTION - 60' ROW
 PROPOSED 4\"/>

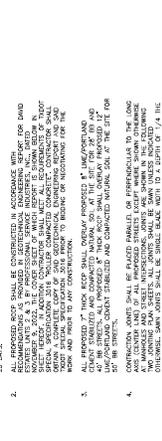


TYPICAL RCPC STREET SECTION - 90' ROW
 PROPOSED 4\"/>

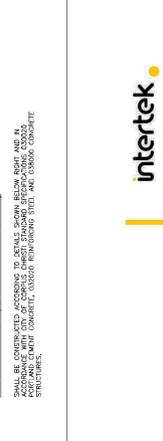
CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES.



CONTRACTION (SAW) JOINT DETAIL - RCPC
 1. EXPANSION JOINTS SHALL BE PLACED FULL LENGTH ACROSS STREETS AT JOINT LOCATIONS AS SHOWN IN FOLLOWING JOINTING PLAN SHEETS.
 2. JOINTS SHALL BE PLACED IN THE MIDDLE OF THE JOINT LENGTH. JOINTS SHALL BE PLACED IN A MANNER BEGING OR ENDING WITH THE JOINT STREET AT AN EXPANSION JOINT.
 3. JOINTS SHALL BE PLACED IN THE MIDDLE OF THE JOINT LENGTH. JOINTS SHALL BE PLACED IN A MANNER BEGING OR ENDING WITH THE JOINT STREET AT AN EXPANSION JOINT.
 4. JOINTS SHALL BE PLACED IN THE MIDDLE OF THE JOINT LENGTH. JOINTS SHALL BE PLACED IN A MANNER BEGING OR ENDING WITH THE JOINT STREET AT AN EXPANSION JOINT.



TYPICAL RCPC PUBLIC STREET SECTION
 ALL FILL BELOW UNIFORMED STABILIZED MATERIAL SHALL BE COMPACTED TO 98% RELATIVE DENSITY WITH THE EXCEPTED POINTS OF OPTIMUM MOISTURE WITHIN THREE FEET OF THE SURFACE.

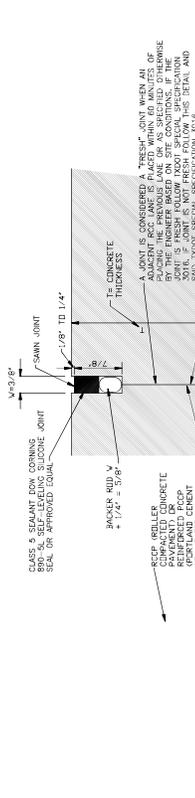


TYPICAL RCPC STREET SECTION - 60' ROW
 PROPOSED 4\"/>

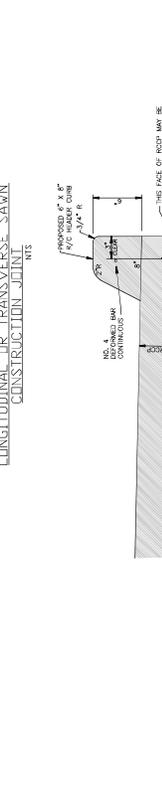


TYPICAL RCPC STREET SECTION - 90' ROW
 PROPOSED 4\"/>

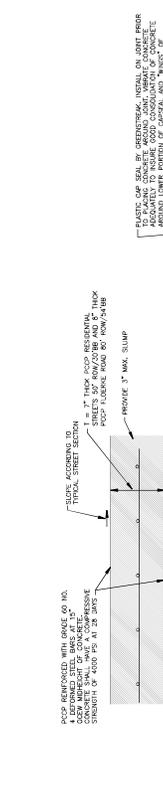
CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES.



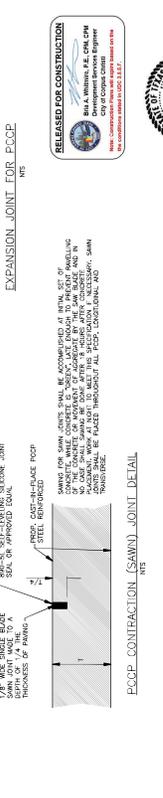
LONGITUDINAL OR TRANSVERSE SAWN CONSTRUCTION JOINT
 THIS JOINT MAY BE PLACED TO 10\"/>



TYPICAL PAVING SECTION SHOWING HEADER CORB DETAILS
 NO. 4 REINFORCING BARS SHALL BE PLACED FULL LENGTH ACROSS STREETS AT JOINT LOCATIONS AS SHOWN IN FOLLOWING JOINTING PLAN SHEETS.



TYPICAL RCPC STREET SECTION
 ALL FILL BELOW UNIFORMED STABILIZED MATERIAL SHALL BE COMPACTED TO 98% RELATIVE DENSITY WITH THE EXCEPTED POINTS OF OPTIMUM MOISTURE WITHIN THREE FEET OF THE SURFACE.



RCPC CONTRACTION (SAW) JOINT DETAIL
 THIS JOINT MAY BE PLACED TO 10\"/>

CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES.



GEOTECHNICAL ENGINEERING REPORT
Proposed King's Landing Units 2 & 3
 Various Streets
 Corpus Christi, Texas
 PSI Project No. 0312734-23

PREPARED FOR:
 MPH Homes, Inc.
 P.O. Box 331308
 Corpus Christi, TX 78463

DATE:
 November 9, 2022

BY:
 PROFESSIONAL SERVICE INDUSTRIES, INC.
 810 S. Palm Island Dr.
 Corpus Christi, TX 78406
 Phone: (861) 854-4800



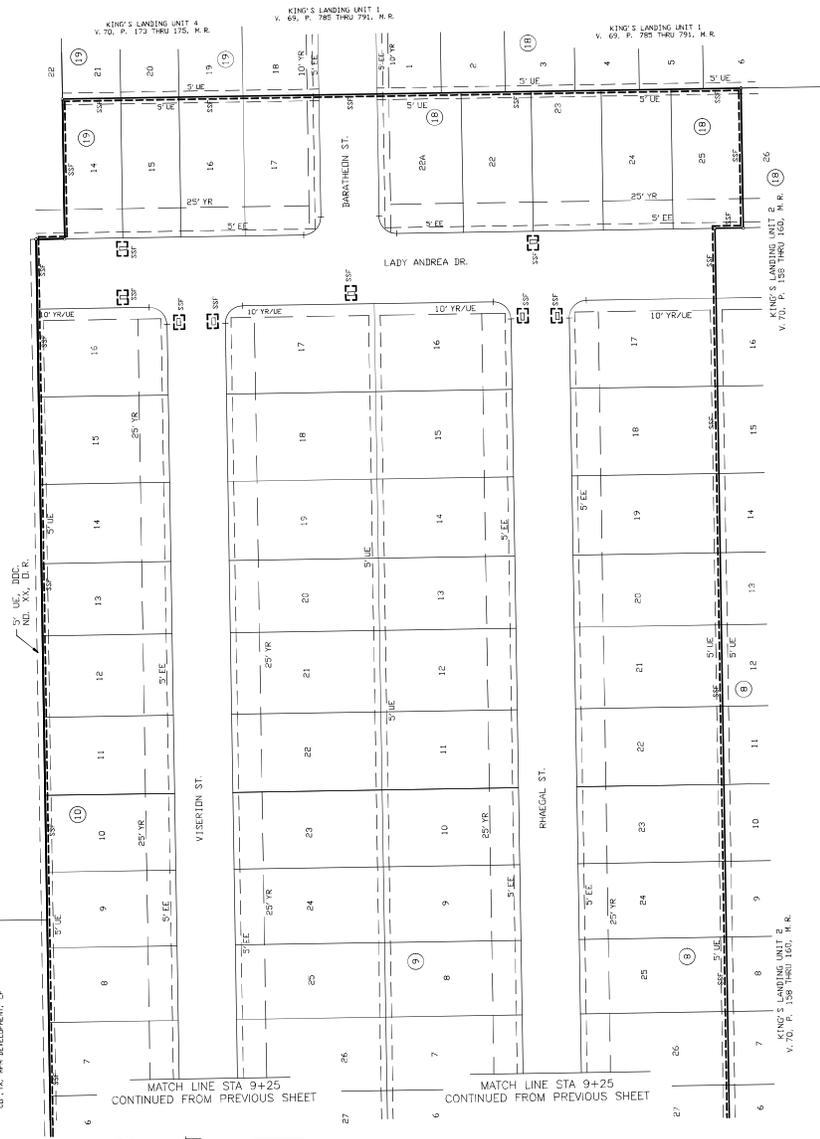
RELEASED FOR CONSTRUCTION	
Ben Williams, P.E., CEN, CPE No. 14281 State of Texas License No. 14281 Date of Issue: 11/09/22	
PROJECT: IMPROVEMENTS TO KING'S LANDING UNIT 5 CORPUS CHRISTI, TEXAS. ALAMODA STREET AND RCPC PAVEMENT DETAILS	
DRAWN: N. WELSH	DATE PLOTTED: 11/09/22
CHECKED: N. WELSH	DATE PLOTTED: 11/09/22
SCALE: AS SHOWN	SHEET NO. 2 OF 2
DATE: 11/09/22	PROJECT NO. 0312734-23

PORTION OF A 120' X 200' AREA TRACT, DEC. IND. 20, 1970, P. 173 THRU 175, H. R. 1042, AS AMENDED, AND A 10' X 10' AREA TRACT, DEC. IND. 20, 1970, P. 173 THRU 175, H. R. 1042, AS AMENDED, ARE HEREBY IDENTIFIED AS LOTS 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

KING'S LANDING UNIT 4
V. 70, P. 173 THRU 175, H. R.

MATCH LINE STA 9+25
CONTINUED FROM PREVIOUS SHEET

MATCH LINE STA 9+25
CONTINUED FROM PREVIOUS SHEET



PORTION OF A 120' X 200' AREA TRACT, DEC. IND. 20, 1970, P. 173 THRU 175, H. R. 1042, AS AMENDED, AND A 10' X 10' AREA TRACT, DEC. IND. 20, 1970, P. 173 THRU 175, H. R. 1042, AS AMENDED, ARE HEREBY IDENTIFIED AS LOTS 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

MATCH LINE STA 9+25
CONTINUED FROM PREVIOUS SHEET

MATCH LINE STA 9+25
CONTINUED FROM PREVIOUS SHEET

KING'S LANDING UNIT 2
V. 70, P. 138 THRU 140, H. R.



DATE PLOTTED: 11/28/23
SHEET 22 OF 21

RELEASED FOR CONSTRUCTION

BASS & WELSH ENGINEERING
 1515 W. WILSON ST., SUITE 100
 FORT WORTH, TEXAS 76104
 PUBLIC IMPROVEMENTS TO
 KING'S LANDING UNIT 5
 COPPUS CHRISTI, NUECES CO., TX
 STORM WATER POLLUTION PREVENTION PLAN
 SHEET 2 OF 3

DATE: 11/28/23
 SCALE: 1" = 30'
 DRAWN BY: JAW
 CHECKED BY: JAW
 DATE PLOTTED: 11/28/23
 SHEET 22 OF 21

STREET NAME BLADE SIGN

NOTES:

1. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.
2. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.
3. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.
4. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.

NOTES:

1. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.
2. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.
3. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.
4. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.

CROSSWALK PAVEMENT MARKINGS

STREET NAME BLADE SIGN DETAILS

CITY OF SAN ANTONIO
DEPARTMENT OF PUBLIC WORKS
CITY ENGINEERING DIVISION

STANDARD SHEET
NO. 11
SHEET 1 OF 1
CITY PROJECT #

TRIANGULAR SLIPBASE INSTALLATION GENERAL REQUIREMENTS

GENERAL NOTES:

1. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.
2. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.
3. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.
4. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.

CONCRETE ANCHOR

TRIANGULAR SLIPBASE SYSTEM

SMD SLIP-11-08

Texas Department of Transportation
Traffic Engineering Division

NEW 9' D3 W / DEAD END OR NO OUTLET SIGNAGE

TABLE - D3 SIGNS

HEIGHT	LENGTH	THICKNESS	SUBSTRATE	FACE MATERIALS	LETTERS	TRACKING
9' (208 mm)	66' (2016 mm) MAX	0.125" (3.18 mm)	GOLD CHROMATE FINISH	BLUE FIELD OVER WHITE LETTERS	WHITE LETTERS ON BLUE BACKGROUND	10%

NOTES:

1. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.
2. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.
3. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.
4. THE SIGN SHALL BE MOUNTED TO THE CURB OR SIDEWALK AT THE CENTER OF THE ROADWAY.

D3 SIGN TO POLE INSTALLATION

TYPICAL GROUND MOUNTED SIGN PLACEMENT

REQUIREMENTS FOR RED BACKGROUND REGULATORY SIGNS (STOP, YIELD, DO NOT ENTER AND WRONG WAY SIGNS)

REQUIREMENTS FOR RED BACKGROUND REGULATORY SIGNS (STOP, YIELD, DO NOT ENTER AND WRONG WAY SIGNS)

REQUIREMENTS FOR WARNING SIGNS

TYPICAL REQUIREMENTS

CASE	BACKGROUND	LETTERS & SYMBOLS	LETTERS & SYMBOLS
TYPE 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	RED	WHITE	WHITE

TYPICAL REQUIREMENTS

CASE	BACKGROUND	LETTERS & SYMBOLS	LETTERS & SYMBOLS
TYPE 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	RED	WHITE	WHITE

TYPICAL REQUIREMENTS

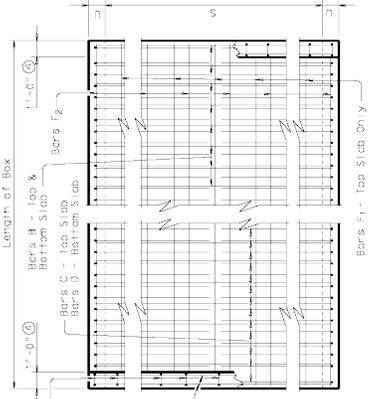
CASE	BACKGROUND	LETTERS & SYMBOLS	LETTERS & SYMBOLS
TYPE 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	RED	WHITE	WHITE

- ① 0" min to 5'-0" max. Estimated curb heights are shown elsewhere in the plans. For structures with a pedestal or ECD standard. For structures with bridge rail, refer to 16-DM standard. For structures with traffic rail, other than 16, refer to RMC standard.
- ② For vehicle safety, the following requirements must be met:
 - For structures with bridge rail, curbs shall project no more than 3" above finished grade.
 - For structures with bridge rail, curbs shall be flush with the top of the bridge rail.
 - Curb heights shall be reduced, if necessary, to meet the above requirements. No changes will be made in quantities and no additional compensation will be allowed for this work.
- ③ For curbs less than 1'-0" high, tilt bars X or reduce bar cover. For curbs less than 3" high, bars K may be omitted.
- ④ 1'-0" typical, 2'-0" when RMC standard is referred to elsewhere in the plans.

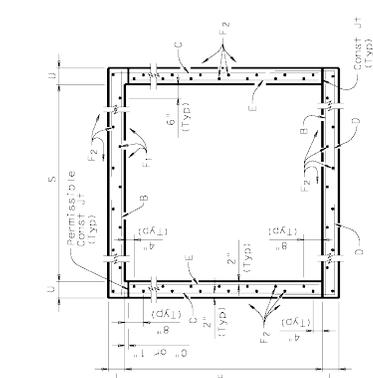
Deformed weld wire reinforcement (WWR) meeting the conventional reinforcement shown at the Contractor's option. The area of required reinforcement may be increased to meet the WWR. WWR is limited to 4" in diameter. Max. length required, provide lap splices in the MRR of the same length. WWR shall be provided in the same manner as shown up for which sizes between conventional bars is used.

Example Convention: Replacement of No. 6 Gr 60 at 6" WWR required = $10.44 \text{ sq ft} / (0.5' \times 160 \text{ ksi} / 70 \text{ ksi}) = 1.03 \text{ sq ft} / \text{ft}$.
 WWR required = $10.44 \text{ sq ft} / (0.5' \times 160 \text{ ksi} / 70 \text{ ksi}) = 1.03 \text{ sq ft} / \text{ft}$.
 WWR required in this example, the required spacing is $(0.306 \text{ sq ft} / (0.754 \text{ sq ft/ft}) \times 12 \text{ in/ft}) = 4.87'$.
 Required lap length for the provided 30.6 wire is $2 \times 2 \times \text{lap required for uncoated No. 5 bars, 68"}$ shown in Item 4401.

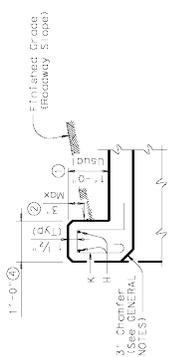
GENERAL NOTES:
 1. Design to the maximum fill height shown.
 2. All concrete shall be Class "C" with these exceptions: Use Class "S" for top slabs of culverts with overlay with 1-to-2 coarse surface treatment.
 3. Class "C" concrete shall have a minimum compressive strength of 3,000 psi. Class "S" concrete shall have a minimum compressive strength of 4,000 psi.
 4. The use of permanent forms is not allowed.
 5. The bottom edge of the top slab shall be chamfered a minimum of 1/4" clear cover.
 6. The top slab shall be cast with a minimum of 6" of concrete above the reinforcement.
 7. If this option is used, bars E may be cut off or spliced. Bars E may be spliced or may be covered. Splicing shall be done in accordance with the provisions of the RMC for covered ends, angle sections and lengthening details.



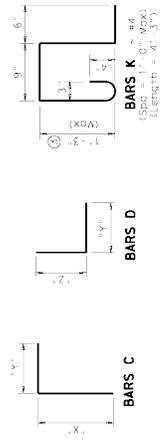
PLAN OF REINF STEEL



TYPICAL SECTION



SECTION THRU CURB



HL93 LOADING SHEET 1 OF 2
 Texas Department of Transportation
 Bridge Division
 Structures

**SINGLE BOX CULVERTS
 CAST-IN-PLACE
 0' TO 30' FILL**

FILE: SCC-8
 DATE: February 2010
 PROJECT: 11/2009
 DRAWING NO.: 11/2009
 SHEET NO.: 11/2009

SCALE: 1/8" = 1'-0"
 DATE PLOTTED: 11/20/09

DESIGNED BY: [Name]
 CHECKED BY: [Name]
 DATE: [Date]



BASE AND WEAR SURF ENGINEERS
 TX REGISTRATION NO. 1-522, 5064 S. ALAMEDA STREET
 CORPUS CHRISTI, TEXAS 78404

PUBLIC IMPROVEMENTS TO
 KING'S LANDING UNIT 5
 CORPUS CHRISTI, NUECES CO., TX

TXDOT SINGLE BOX CULVERTS CAST-IN PLACE
 SHEET NO. 11/2009 OF 2
 DATE PLOTTED: 11/20/09



DATE: [Date]
 FILE: [File Name]
 TITLE: [Title]

QUANTITIES

SECTION DIMENSIONS		BILLS OF REINFORCING STEEL (For Box Length = 40 feet)										Total																									
S	H	T	Bars B					Bars C					Bars D					Bars E-#4 of 18" Max		Bars F1-#4		Bars F2-#4 of 18" Max		Bars H 4-#4		Bars K		Per foot of Barrel		Curb		Total					
No.	2	1	No.	2	1	Length	Weight	"X"	"Y"	"Z"	No.	2	1	Length	Weight	No.	2	1	Length	Weight	No.	2	1	Length	Weight	No.	2	1	Length	Weight	No.	2	1	Length	Weight	Conc. (CY)	Reinf. (LB)
8'-0"	4'-0"	7'	13	162	194	6	8'-11"	2,130	194	5	8'-8"	1,754	4'-3"	4'-3"	2'-7"	56	4'-0"	150	14	7'-0"	49-9	545	42	39'-9"	950	8'-11"	24	20	57	0.969	166.3	0.7	81	23.9	6,133		
8'-0"	4'-0"	8'	16	194	194	6	8'-11"	2,598	194	5	8'-9"	1,770	4'-3"	4'-3"	2'-8"	56	4'-0"	150	14	7'-0"	49-9	559	32	39'-9"	950	8'-11"	24	20	57	0.928	173.2	0.7	81	25.7	7,008		
8'-0"	4'-0"	9'	20	194	194	6	8'-11"	2,647	194	5	8'-10"	1,787	4'-3"	4'-3"	2'-9"	56	4'-0"	150	14	7'-0"	49-9	559	32	39'-9"	950	8'-11"	24	22	62	0.916	175.7	0.7	86	29.3	7,496		
8'-0"	4'-0"	10'	23	194	194	6	8'-11"	2,667	194	5	8'-11"	1,868	4'-3"	4'-3"	2'-9"	56	4'-0"	150	14	7'-0"	49-9	559	32	39'-9"	950	8'-11"	24	22	62	0.912	180.2	0.7	86	31.7	7,293		
8'-0"	4'-0"	11'	30	194	194	6	8'-11"	3,063	194	5	9'-0"	1,822	4'-3"	4'-3"	2'-11"	56	4'-0"	150	14	7'-0"	49-9	559	34	39'-9"	950	8'-11"	24	22	62	0.865	188.1	0.7	87	35.4	7,653		
8'-0"	5'-0"	7'	13	162	194	6	8'-11"	2,170	194	5	9'-8"	1,956	5'-7"	4'-3"	2'-7"	56	5'-0"	187	13	7'-0"	39-9	345	36	39'-9"	956	8'-11"	24	20	57	0.912	176.9	0.7	81	25.2	7,018		
8'-0"	5'-0"	8'	16	194	194	6	8'-11"	2,598	194	5	9'-9"	1,973	5'-7"	4'-3"	2'-8"	56	5'-0"	187	13	7'-0"	39-9	359	36	39'-9"	956	8'-11"	24	20	57	0.869	181.8	0.7	81	21.5	7,352		
8'-0"	5'-0"	9'	20	194	194	6	8'-11"	2,647	194	5	9'-10"	1,990	5'-7"	4'-3"	2'-10"	56	5'-0"	187	13	7'-0"	39-9	359	36	39'-9"	956	8'-11"	24	22	62	0.765	185.9	0.7	86	31.3	7,421		
8'-0"	5'-0"	10'	23	194	194	6	8'-11"	2,667	194	5	9'-11"	2,007	5'-7"	4'-3"	2'-10"	56	5'-0"	187	13	7'-0"	39-9	359	36	39'-9"	956	8'-11"	24	22	62	0.823	184.7	0.7	86	33.6	7,475		
8'-0"	5'-0"	11'	30	194	194	6	8'-11"	3,066	194	5	10'-0"	2,023	5'-9"	4'-3"	2'-11"	56	5'-0"	187	13	7'-0"	39-9	359	38	39'-9"	956	8'-11"	24	22	62	0.823	212.4	0.7	87	37.6	8,583		
8'-0"	6'-0"	7'	13	194	194	6	8'-11"	2,598	194	5	8'-10"	1,802	6'-5"	4'-3"	2'-7"	56	6'-0"	224	13	7'-0"	39-9	345	40	39'-9"	956	8'-11"	24	20	57	0.855	179.7	0.7	81	26.9	7,267		
8'-0"	6'-0"	8'	16	194	194	6	8'-11"	2,598	194	5	8'-10"	1,802	6'-5"	4'-3"	2'-8"	56	6'-0"	224	13	7'-0"	39-9	359	40	39'-9"	956	8'-11"	24	20	57	0.819	196.5	0.7	81	29.2	7,699		
8'-0"	6'-0"	9'	20	194	194	6	8'-11"	2,647	194	5	8'-10"	1,802	6'-5"	4'-3"	2'-9"	56	6'-0"	224	13	7'-0"	39-9	359	40	39'-9"	956	8'-11"	24	22	62	0.819	192.5	0.7	86	33.3	7,786		
8'-0"	6'-0"	10'	23	194	194	6	8'-11"	2,647	194	5	8'-10"	1,802	6'-5"	4'-3"	2'-10"	56	6'-0"	224	13	7'-0"	39-9	359	40	39'-9"	956	8'-11"	24	22	62	0.872	193.4	0.7	86	35.6	7,870		
8'-0"	6'-0"	11'	30	194	194	6	8'-11"	3,066	194	5	8'-11"	1,802	6'-5"	4'-3"	2'-11"	56	6'-0"	224	13	7'-0"	39-9	359	42	39'-9"	956	8'-11"	24	22	62	0.872	218.1	0.7	87	39.8	8,929		
8'-0"	7'-0"	7'	13	194	194	6	8'-11"	2,598	194	5	8'-11"	1,883	4'-3"	4'-3"	2'-7"	56	7'-0"	262	13	7'-0"	39-9	345	40	39'-9"	956	8'-11"	24	20	57	0.899	200.3	0.7	81	28.7	8,092		
8'-0"	7'-0"	8'	16	194	194	6	8'-11"	2,598	194	5	8'-11"	1,883	4'-3"	4'-3"	2'-8"	56	7'-0"	262	13	7'-0"	39-9	359	40	39'-9"	956	8'-11"	24	20	57	0.755	198.5	0.7	81	30.9	7,940		
8'-0"	7'-0"	9'	20	194	194	6	8'-11"	2,647	194	5	8'-11"	1,883	4'-3"	4'-3"	2'-9"	56	7'-0"	262	13	7'-0"	39-9	359	40	39'-9"	956	8'-11"	24	22	62	0.864	198.5	0.7	86	35.3	8,076		
8'-0"	7'-0"	10'	23	194	194	6	8'-11"	2,647	194	5	8'-11"	1,883	4'-3"	4'-3"	2'-10"	56	7'-0"	262	13	7'-0"	39-9	359	40	39'-9"	956	8'-11"	24	22	62	0.922	208.4	0.7	86	37.6	8,421		
8'-0"	7'-0"	11'	30	194	194	6	8'-11"	3,066	194	5	8'-11"	1,883	4'-3"	4'-3"	2'-11"	56	7'-0"	262	13	7'-0"	39-9	359	42	39'-9"	956	8'-11"	24	22	62	0.934	227.1	0.7	87	42.1	9,169		
8'-0"	8'-0"	7'	13	194	194	6	8'-11"	2,598	194	5	8'-11"	1,883	4'-3"	4'-3"	2'-7"	56	8'-0"	299	14	7'-0"	39-9	345	44	39'-9"	956	8'-11"	24	20	57	0.742	208.9	0.7	81	30.4	8,447		
8'-0"	8'-0"	8'	16	194	194	6	8'-11"	2,598	194	5	8'-11"	1,883	4'-3"	4'-3"	2'-8"	56	8'-0"	299	14	7'-0"	39-9	359	44	39'-9"	956	8'-11"	24	20	57	0.798	205.1	0.7	81	32.6	8,285		
8'-0"	8'-0"	9'	20	194	194	6	8'-11"	2,647	194	5	8'-11"	1,883	4'-3"	4'-3"	2'-9"	56	8'-0"	299	14	7'-0"	39-9	359	44	39'-9"	956	8'-11"	24	22	62	0.912	207.2	0.7	86	37.3	8,372		
8'-0"	8'-0"	10'	23	194	194	6	8'-11"	2,647	194	5	8'-11"	1,883	4'-3"	4'-3"	2'-10"	56	8'-0"	299	14	7'-0"	39-9	359	44	39'-9"	956	8'-11"	24	22	62	0.971	217.0	0.7	86	39.9	8,767		
8'-0"	8'-0"	11'	30	194	194	6	8'-11"	3,066	194	5	8'-11"	1,883	4'-3"	4'-3"	2'-11"	56	8'-0"	299	14	7'-0"	39-9	359	46	39'-9"	956	8'-11"	24	22	62	1.090	235.1	0.7	87	44.9	9,316		

⑤ For each box size, minimum fill height shown shall be used for all culverts with less than 2'-0" of fill.

Reformed metal wire reinforcement (MWR) meeting the requirements of ASTM A1064 may be used to replace conventional reinforcement shown on the Contractor's drawings. The MWR shall be of 60 ksi / 70 ksi. Spacing of MWR is limited to 4" Min and 18" Max. When required, the MWR shall be used in conjunction with the conventional reinforcement. The equivalent bar sizes, rounded up for wire sizes be when conventional bar sizes.

Example Conversion: Reinforcement of No. 6 @ 60 ct @ 6" Spacing with MWR.
 MWR required: (10.41 sq. ft / 0.57' x 160 Ksi / 70 Ksi)
 If D30.6 wire is used to meet the 0.154 sq. ft/ft² requirement in this example, the required spacing, Max spacing: (10.41 sq. ft / 0.154 sq. ft/ft²) = 67.6"
 Required lap length for the provided D30.6 wire is (10.41 sq. ft / 0.154 sq. ft/ft²) = 67.6"
 Spacing in 16m 4400.

HL93 LOADING SHEET 2 OF 2

Texas Department of Transportation

SINGLE BOX CULVERTS

CAST-IN-PLACE

0' TO 30' FILL

SCC-8

FILE	SC0824.ESH	DATE	12/10/20	BY	DM BRYANT/DTK GAF
DATE	12/10/20	REVISION	01/13/2005	APP	HW/MSW
NO. OF SHEETS	2	SHEET NO.	2	OF	2

RELEASED FOR CONSTRUCTION



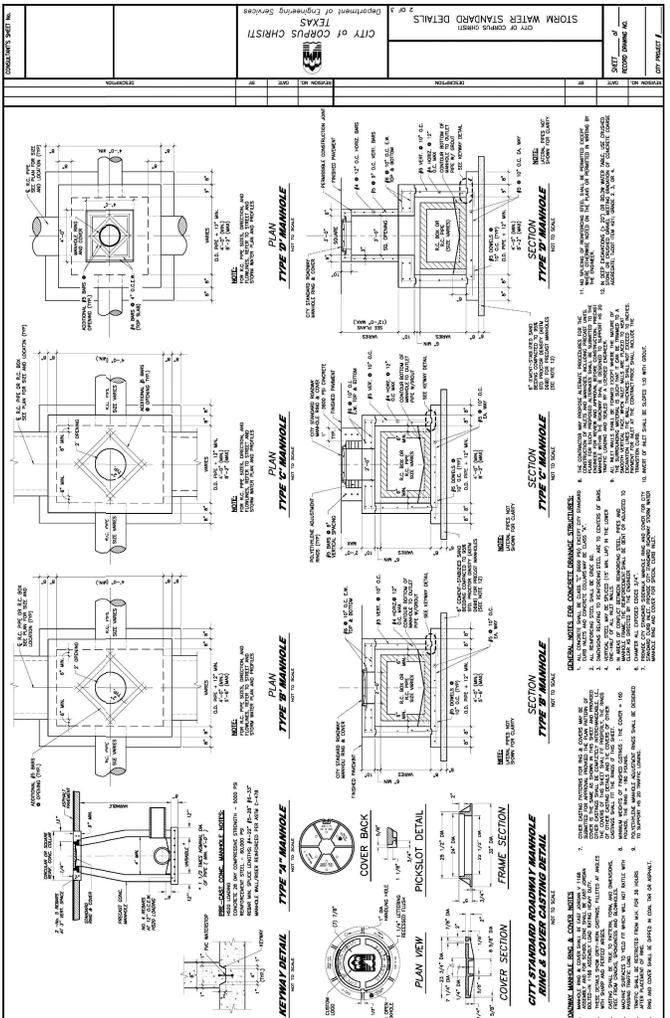
Bob A. Williams, P.E., State of Texas
 No. 12507
 License Expires 12/31/2012

BOB AND WENDY CH. ENGINEERS
 TX REGISTRATION NO. 1-524, 3054 S. ALAMOSA STREET
 CORPUS CHRISTI, TEXAS 78404

PUBLIC IMPROVEMENTS TO
 KING'S LANDING UNIT 5
 CORPUS CHRISTI, NUECES CO., TX

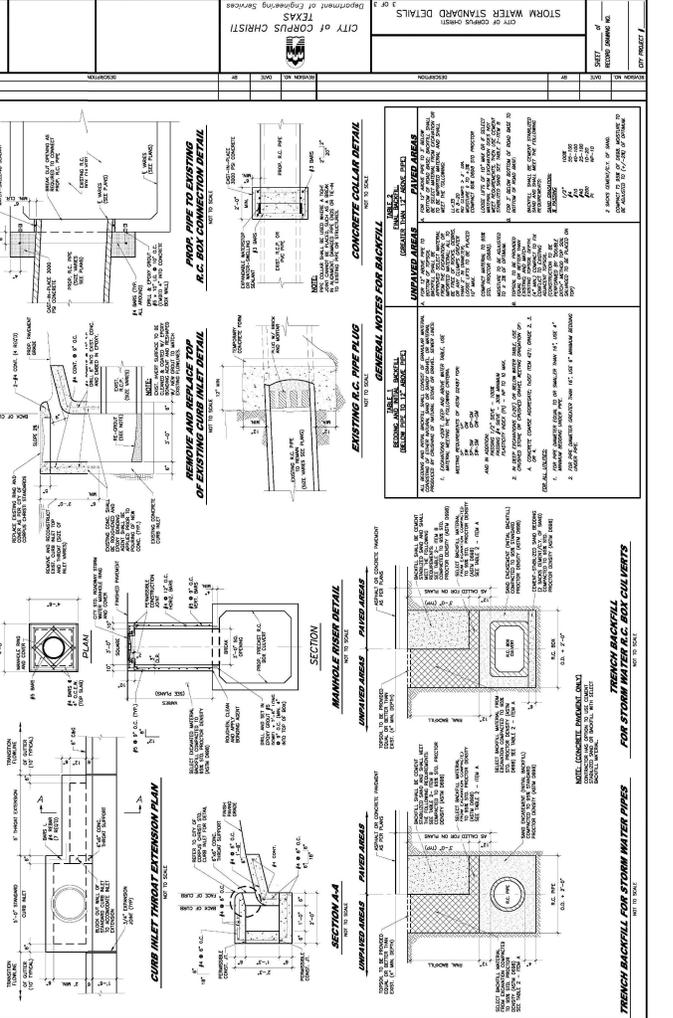
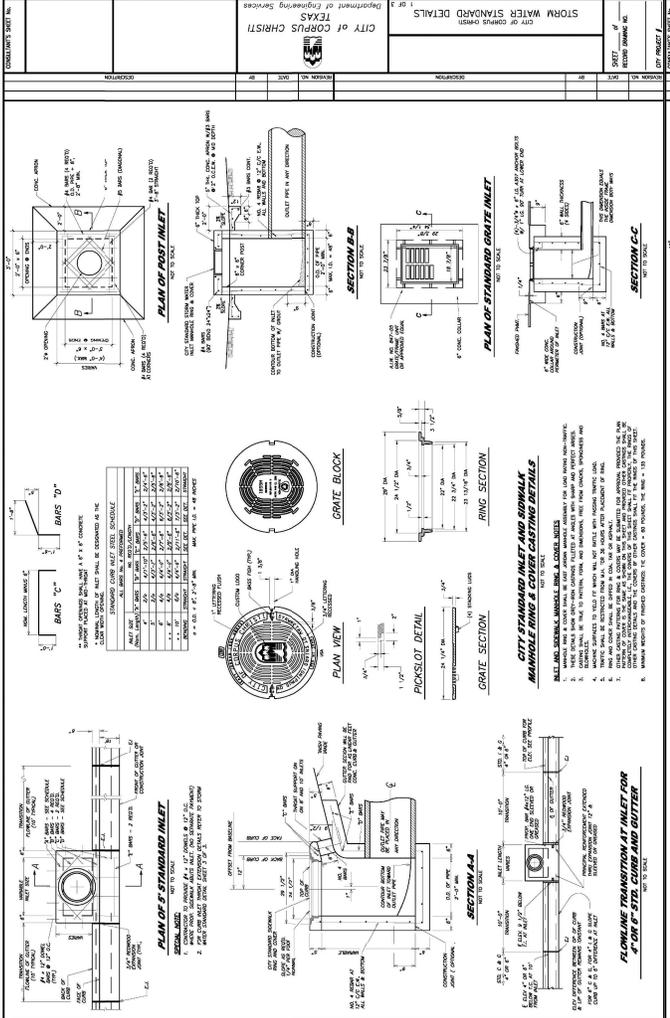
TX001 SINGLE BOX CULVERTS CAST-IN PLACE
 SHEET NO. 2 OF 2

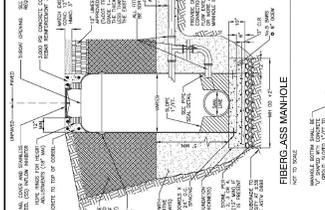
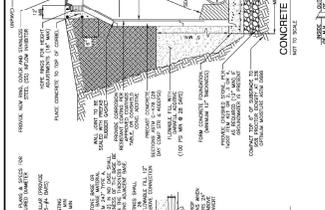
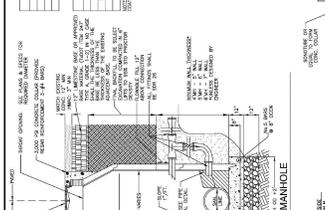
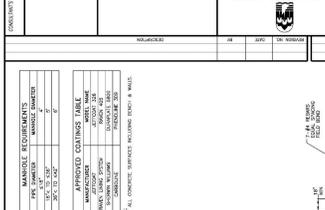
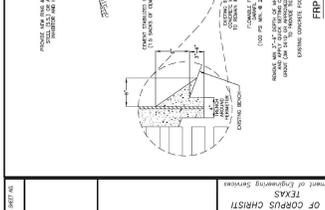
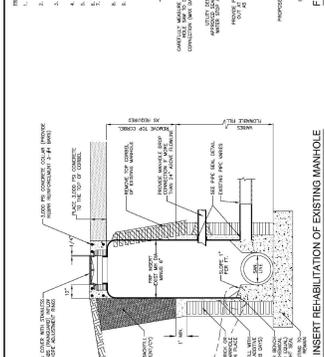
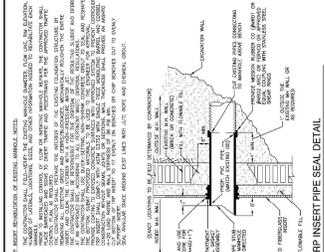
DATE: _____ FILE: _____
 DRAWN BY: _____ CHECKED BY: _____
 DESIGNED BY: _____ APPROVED BY: _____
 SCALE: _____ SHEET NO.: _____ OF _____
 DATE PLOTTED: 11/26/2013 PLOTTER: HP DesignJet 240



BLISS AND WELSH ENGINEERS
TX REGISTRATION NO. 1-524, 5054 S. ALAMEDA STREET
CORPUS CHRISTI, TEXAS 78404
KING'S LANDING UNIT 5
CORPUS CHRISTI, NUECES CO., TX
CITY STORM WATER STANDARD DETAILS

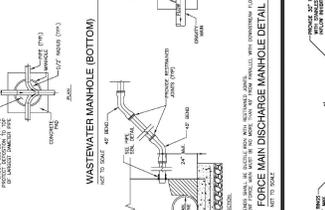
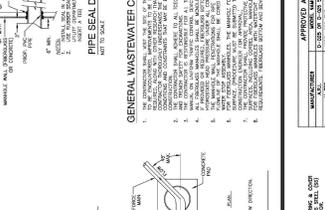
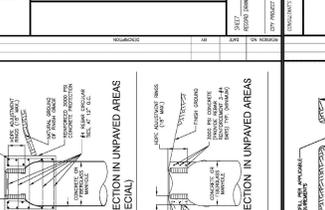
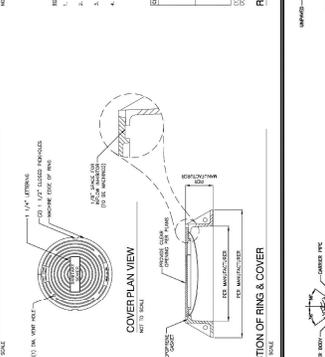
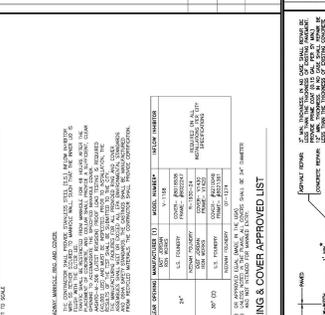
DATE PLOTTED: 11/28/23
DRAWN: J. WELSH
CHECKED: J. WELSH
DATE REVISION: 11/28/23
SHEET 22 OF 31
JOB NO.: 17-100-1101
SHEET: 22 OF 31





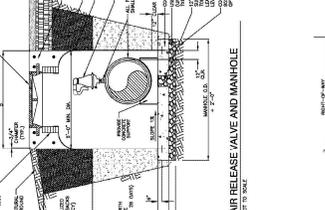
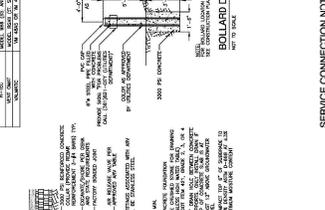
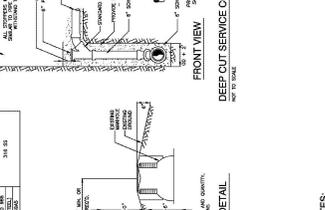
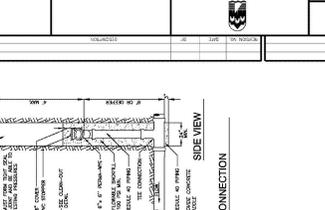
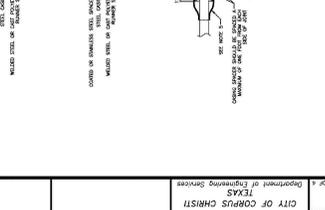
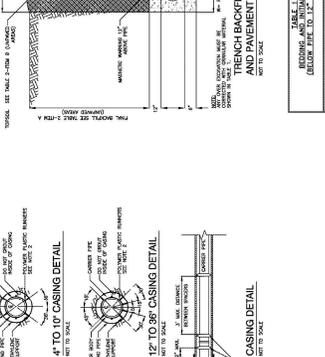
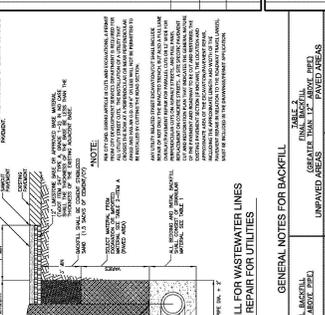
CASING NOTES:
 1. CASING SHALL BE 12\"/>

GENERAL NOTES FOR BACKFILL:
 1. BACKFILL SHALL BE CLASSIFIED AS 'A' OR 'B' PER ASTM D 1557.
 2. BACKFILL SHALL BE COMPACTED TO 95% RELATIVE DENSITY.
 3. BACKFILL SHALL BE FREE OF ROCKS, LIMBS, AND OTHER FOREIGN MATERIALS.
 4. BACKFILL SHALL BE FREE OF ORGANIC MATERIALS.
 5. BACKFILL SHALL BE FREE OF FLECKED MATERIALS.
 6. BACKFILL SHALL BE FREE OF FINE PARTICLES.
 7. BACKFILL SHALL BE FREE OF FIBERS.
 8. BACKFILL SHALL BE FREE OF OTHER HAZARDOUS MATERIALS.
 9. BACKFILL SHALL BE FREE OF OTHER CONTAMINANTS.
 10. BACKFILL SHALL BE FREE OF OTHER DEFECTS.



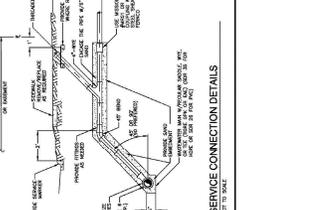
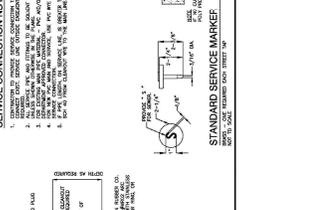
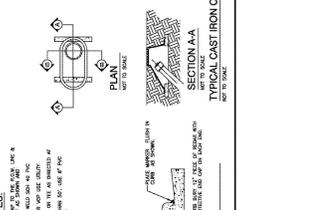
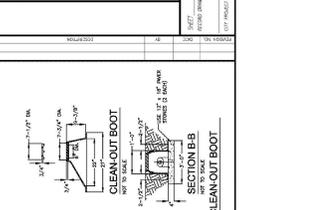
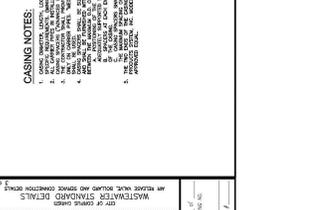
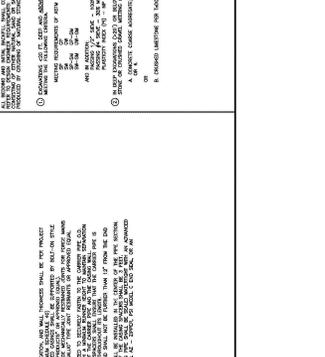
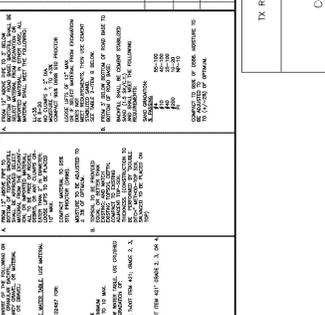
CASING NOTES:
 1. CASING SHALL BE 12\"/>

MANHOLE REQUIREMENTS:
 1. MANHOLE SHALL BE CONSTRUCTED OF CONCRETE OR FRP.
 2. MANHOLE SHALL BE 48\"/>



SECTION B-B
 NOT TO SCALE

APPROVED NOTES:
 1. APPROVED NOTES SHALL BE IN ACCORDANCE WITH THE CITY OF CORPUS CHRISTI WASTEWATER STANDARDS.
 2. APPROVED NOTES SHALL BE SUBJECT TO INSPECTION BY THE CITY OF CORPUS CHRISTI.
 3. APPROVED NOTES SHALL BE SUBJECT TO APPROVAL BY THE CITY OF CORPUS CHRISTI.
 4. APPROVED NOTES SHALL BE SUBJECT TO REVISION BY THE CITY OF CORPUS CHRISTI.
 5. APPROVED NOTES SHALL BE SUBJECT TO CANCELLATION BY THE CITY OF CORPUS CHRISTI.



SERVICE CONNECTION DETAILS
 NOT TO SCALE

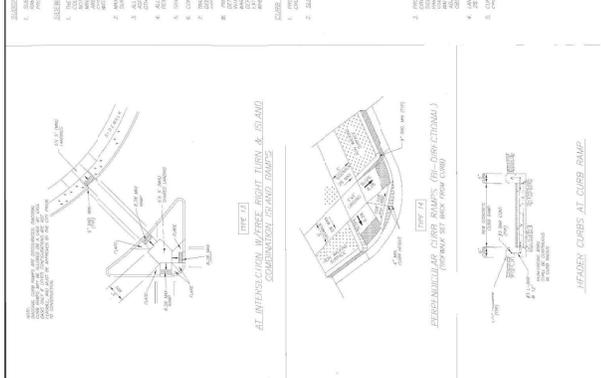


CITY OF CORPUS CHRISTI
CORPUS CHRISTI TEXAS

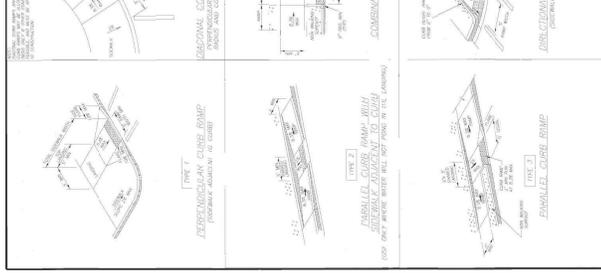
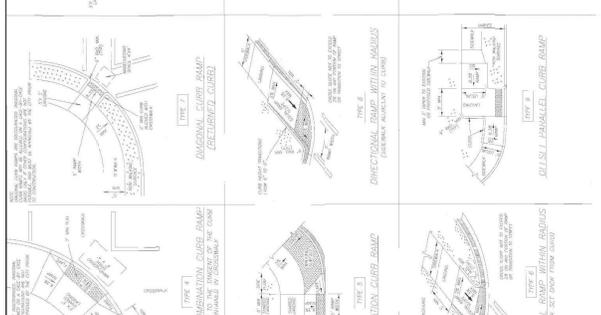
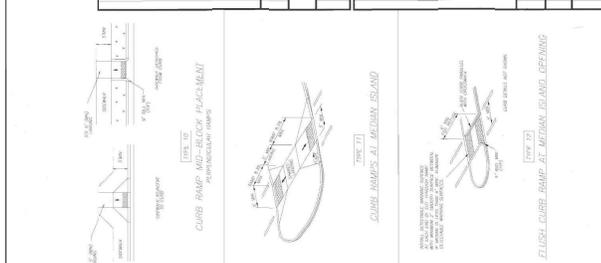
Department of Engineering Services
CITY OF CORPUS CHRISTI
CITY ENGINEER
CITY OF CORPUS CHRISTI TEXAS

GENERAL NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND THE CITY OF CORPUS CHRISTI STANDARD SPECIFICATIONS FOR CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.
4. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE CITY ENGINEER.
5. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SAFETY MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.
6. ALL UTILITIES SHALL BE PROTECTED AND MARKED PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE AND EROSION CONTROL MEASURES.
8. ALL CONSTRUCTION SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
9. THE CONTRACTOR SHALL MAINTAIN CLEAR ACCESS TO ALL PUBLIC AREAS.
10. ALL MATERIALS SHALL BE STORED PROPERLY AND PROTECTED FROM THE ELEMENTS.
11. THE CONTRACTOR SHALL MAINTAIN PROPER RECORDS OF ALL CONSTRUCTION ACTIVITIES.
12. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF CORPUS CHRISTI STANDARD SPECIFICATIONS FOR CONSTRUCTION.
13. THE CONTRACTOR SHALL MAINTAIN PROPER SAFETY MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.
14. ALL UTILITIES SHALL BE PROTECTED AND MARKED PRIOR TO CONSTRUCTION.
15. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SAFETY MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.
16. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE CITY ENGINEER.
17. THE CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE AND EROSION CONTROL MEASURES.
18. ALL CONSTRUCTION SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
19. THE CONTRACTOR SHALL MAINTAIN CLEAR ACCESS TO ALL PUBLIC AREAS.
20. ALL MATERIALS SHALL BE STORED PROPERLY AND PROTECTED FROM THE ELEMENTS.
21. THE CONTRACTOR SHALL MAINTAIN PROPER RECORDS OF ALL CONSTRUCTION ACTIVITIES.
22. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF CORPUS CHRISTI STANDARD SPECIFICATIONS FOR CONSTRUCTION.
23. THE CONTRACTOR SHALL MAINTAIN PROPER SAFETY MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.
24. ALL UTILITIES SHALL BE PROTECTED AND MARKED PRIOR TO CONSTRUCTION.
25. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SAFETY MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.

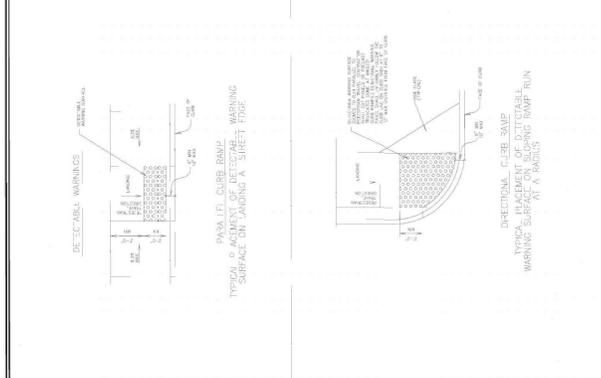
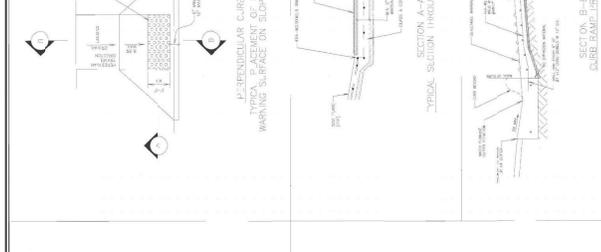
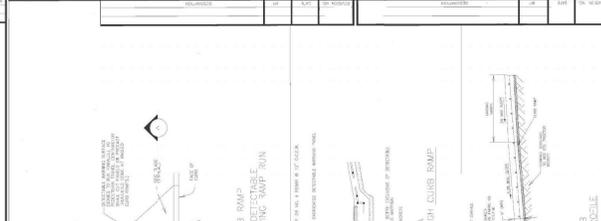


CITY OF CORPUS CHRISTI
CORPUS CHRISTI TEXAS

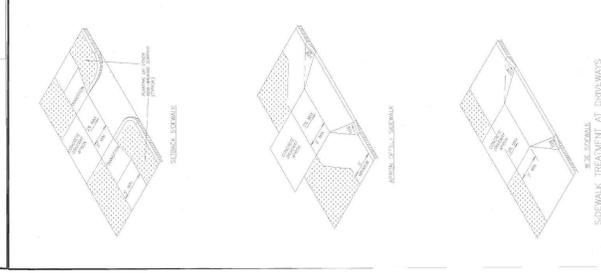
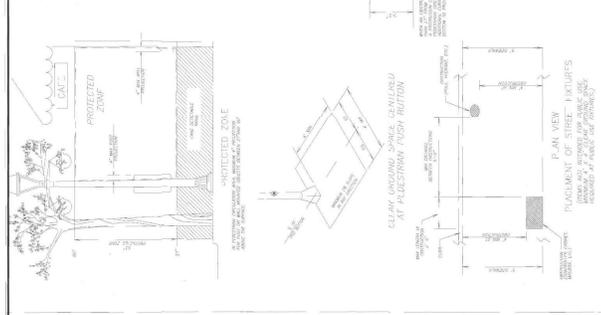
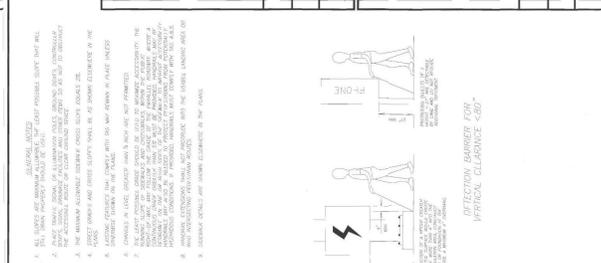


CITY OF CORPUS CHRISTI
CORPUS CHRISTI TEXAS

Department of Engineering Services
CITY OF CORPUS CHRISTI
CITY ENGINEER
CITY OF CORPUS CHRISTI TEXAS



CITY OF CORPUS CHRISTI
CORPUS CHRISTI TEXAS



11/28/23

RELEASED FOR CONSTRUCTION

ROBERT W. WELCH
Professional Engineer
No. 123456789
Texas - License No. 12345

RELEASED FOR CONSTRUCTION

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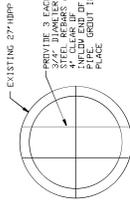
ROBERT W. WELCH
Professional Engineer
No. 123456789
Texas - License No. 12345

RELEASED FOR CONSTRUCTION

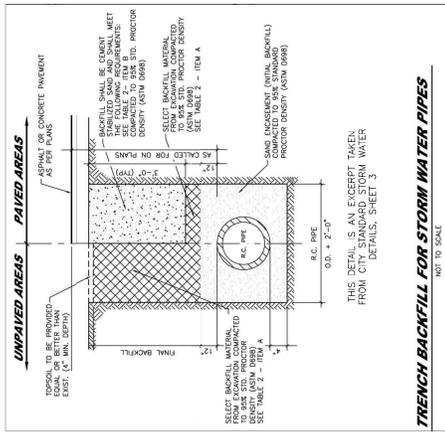
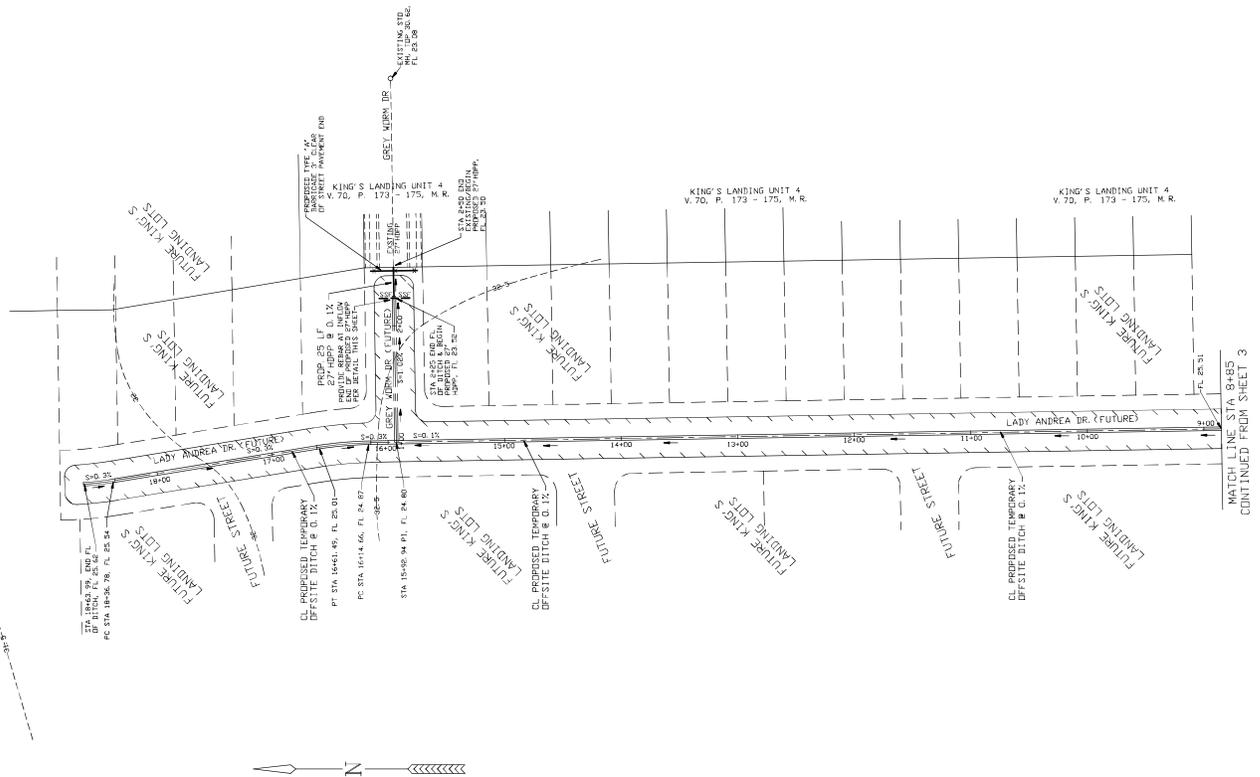
ROBERT W. WELCH
Professional Engineer
No. 123456789
Texas - License No. 12345

RELEASED FOR CONSTRUCTION

ROBERT W. WELCH
Professional Engineer
No. 123456789
Texas - License No. 12345



DETAIL - REBAR INSTALLATION AT DRAINAGE ENTRY INTO EXISTING 27" HDPE THIS SHEET



TRENCH BACKFILL FOR STORM WATER PIPES

THIS DETAIL IS AN EXCERPT TAKEN FROM CITY SPECIFICATIONS FOR STORM WATER

- NOTE: HDPF (HIGH DENSITY POLYETHYLENE PIPE) SHALL BE USED FOR ALL EXPOSED PIPE. HDPF SHALL BE DUAL WALL, COMPACTED EXTERIOR WALL WITH APPROVED JOINTS. HDPF SHALL BE 24\"/>



BASS & WELSH ENGINEERING
 P.C.
 2004 S. ALAMEDA STREET, CORPUS CHRISTI, TEXAS 78404
 PUBLIC IMPROVEMENTS TO
 KING'S LANDING UNIT 5
 CORPUS CHRISTI, NUECES CO., TX
 OFFSITE DRAINAGE PLAN AND PROFILE
 EXHIBIT FOR USE OF HDPF



DATE PLOTTED: 11/22/23
 SHEET 21 OF 21

SCALE: 1" = 50'

EXHIBIT 4

NIXON M. WELSH, P.E., R.P.L.S.
 Email: NixMW@aol.com

BASS WELSH ENGINEERING
 TX Registration No. F-52
 Survey Registration No. 100027-00
 P.O. Box 6397
 Corpus Christi, TX 78466-6397

3054 S. Alameda St.

23007-PCE-12"
 11/14/2023

KING'S LANDING UNIT 5
 REIMBURSEMENT COST ESTIMATE
 12" GRID MAIN
 WATER IMPROVEMENTS REIMBURSABLE BY CITY

WATER ITEMS		QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	12" PVC PIPE	718	LF	112.00	80,416.00
2	12" CAP TAPPED FOR 2"	1	EA	1,000.00	1,000.00
3	12" TEE	4	EA	1,800.00	7,200.00
4	12" GATE VALVE W/BOX	2	EA	5,300.00	10,600.00
5	12" CROSS	2	EA	2,500.00	5,000.00
6	FIRE HYDRANT ASSEMBLY	2	EA	8,800.00	17,600.00
7	6" 90° EL	2	EA	800.00	1,600.00
8	6" DIA X 30" PVC PIPE NIPPLE	6	EA	775.00	4,650.00
9	6" GATE VALVE W/BOX	2	EA	2,000.00	4,000.00

SUBTOTAL 132,066.00

7% CONTINGENCIES 9244.62

11% ENGINEERING, SURVEYING & TESTING 14,527.26

SUBTOTAL 155,837.88

LESS WATER LOT FEE 24,003.98

TOTAL AMMOUNT REIMBURSABLE \$131,833.90



Nixon M. Welsh

EXHIBIT 5



City of Corpus Christi, Texas
 Department of Development Services
 P.O. Box 9277
 Corpus Christi, Texas 78469-9277
 (361) 826-3240
 Located at: 2406 Leopard Street
 (Corner of Leopard St. and Port Ave.)

DISCLOSURE OF INTERESTS

City of Corpus Christi Ordinance 17112, as amended, requires all persons or firms seeking to do business with the City to provide the following information. Every question must be answered. If the question is not applicable, answer with "NA".

NAME: MPM DEVELOPMENT, LP
 STREET: P.O. BOX 331308 CITY: CORPUS CHRISTI ZIP: 78463
 FIRM is: Corporation Partnership Sole Owner Association Other

DISCLOSURE QUESTIONS

If additional space is necessary, please use the reverse side of this page or attach separate sheet.

1. State the names of each "employee" of the City of Corpus Christi having an "ownership interest" constituting 3% or more of the ownership in the above named "firm".

Name	Job Title and City Department (if known)
<u>N/A</u>	<u>N/A</u>
_____	_____
_____	_____

2. State the names of each "official" of the City of Corpus Christi having an "ownership interest" constituting 3% or more of the ownership in the above named "firm".

Name	Title
<u>N/A</u>	<u>N/A</u>
_____	_____
_____	_____

3. State the names of each "board member" of the City of Corpus Christi having an "ownership interest" constituting 3% or more of the ownership in the above named "firm".

Name	Board, Commission, or Committee
<u>Mossa Mostaghassi</u>	<u>Capital Improvement Advisory Committee</u>
_____	_____
_____	_____

4. State the names of each employee or officer of a "consultant" for the City of Corpus Christi who worked on any matter related to the subject of this contract and has an "ownership interest" constituting 3% or more of the ownership in the above named "firm".

Name	Consultant
<u>N/A</u>	<u>N/A</u>
_____	_____
_____	_____

CERTIFICATE

I certify that all information provided is true and correct as of the date of this statement, that I have not knowingly withheld disclosure of any information requested; and that supplemental statements will be promptly submitted to the City of Corpus Christi, Texas as changes occur.

Certifying Person: MOSSA MOSTAGHASI Title: GENERAL PARTNER
 (Print)

Signature of Certifying Person:  Date: 11-14-23

DEFINITIONS

- a. "Board Member". A member of any board, commission or committee appointed by the City Council of the City of Corpus Christi, Texas.
- b. "Employee". Any person employed by the City of Corpus Christi, Texas, either on a full or part time basis, but not as an independent contractor.
- c. "Firm". Any entity operated for economic gain, whether professional, industrial or commercial and whether established to produce or deal with a product or service, including but not limited to, entities operated in the form of sole proprietorship, as self-employed person, partnership, corporation, joint stock company, joint venture, receivership or trust and entities which, for purposes of taxation, are treated as non-profit organizations.
- d. "Official". The Mayor, members of the City Council, City Manager, Deputy City Manager, Assistant City Managers, Department and Division Heads and Municipal Court Judges of the City of Corpus Christi, Texas.
- e. "Ownership Interest". Legal or equitable interest, whether actually or constructively held, in a firm, including when such interest is held through an agent, trust, estate or holding entity. "Constructively held" refers to holding or control established through voting trusts, proxies or special terms of venture or partnership agreements.
- f. "Consultant". Any person or firm, such as engineers and architects, hired by the City of Corpus Christi for the purpose of professional consultation and recommendation.