

ORDINANCE 2022-12-01-0893

APPROVING THE EXECUTION OF A DEVELOPER PARTICIPATION AGREEMENT BETWEEN LENNAR HOMES OF TEXAS LAND AND CONSTRUCTION LTD AND THE CITY OF SAN ANTONIO IN AN AMOUNT NOT TO EXCEED \$454,082.00 FOR DRAINAGE IMPROVEMENTS WITHIN THE TORIAN VILLAGE SUBDIVISION ALONG SLICK RANCH CREEK IN RELATION TO THE CASTLERIDGE/SLICK RANCH FLOOD PLAIN FACILITIES IMPROVEMENTS PROJECT LOCATED IN COUNCIL DISTRICT 6. FUNDS ARE AVAILABLE FROM THE STORMWATER REGIONAL FUND INCLUDED IN THE FY 2023 – FY 2028 CAPITAL IMPROVEMENT PROGRAM.

* * * * *

WHEREAS, the City of San Antonio funded the Castleridge/Slick Ranch Flood Plain Improvements project to alleviate the structural and property flooding in the Westwood Park neighborhood; and

WHEREAS, Lennar Homes of Texas Land and Construction LTD plans to develop the neighboring property for single-family residential, and is coordinating the appropriate improvements with the City of San Antonio to ensure the Castleridge/Slick Ranch Flood Plain Improvements project can provide the designed flood project levels; and

WHEREAS, Texas Local Government Code allows municipalities to contract with a developer to construct public improvements related to the development and provide funding up to 30% of the total public improvements cost; and

WHEREAS, as part of the proposed Developer Participation Agreement, Lennar Homes of Texas Land and Construction LTD will develop and construct a grass and concrete-lined channel drainage channel along Slick Ranch Creek at the southern edge of the Torian Village subdivision; and

WHEREAS, the City will reimburse Lennar Homes of Texas Land and Construction LTD in an amount up to \$454,082.00 to construct the infrastructure improvements that would have otherwise been completed as part of the Castleridge/Slick Ranch Flood Plain Improvements project, which will increase drainage capacity and remove properties from the floodplain; and

WHEREAS, construction is anticipated to begin in February 2023 and is estimated to be completed in February 2024; and

WHEREAS, Lennar Homes of Texas Land and Construction LTD has agreed to require its contractor to subcontract at least 20% of the work to be performed with the City's contribution to certified M/WBE firms headquartered or having a Significant Business Presence within the San Antonio Metropolitan Statistical Area (SAMSA). This agreement will be executed in compliance

with the Small Business Economic Development Advocacy (SBEDA) Program, which requires contracts be reviewed by a Goal Setting Committee to establish a requirement and/or incentive unique to the particular contract to maximize the amount of small, minority, and women-owned business participation. Lennar Corporation, LP has committed to meeting these goals; and

WHEREAS, this ordinance approves the execution of a Developer Participation Agreement between Lennar Homes of Texas Land and Construction LTD and the City of San Antonio in an amount not to exceed \$454,082.00 for drainage improvements within the Torian Village subdivision along Slick Ranch Creek in relation to the Castleridge/Slick Ranch Flood Plain Improvements project located in Council District 6; **NOW THEREFORE:**

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SAN ANTONIO:

SECTION 1. The City Manager or designee, or the Director of the Public Works Department or designee, is authorized to execute of a Developer Participation Agreement with Lennar Homes of Texas Land and Construction LTD in an amount not to exceed \$454,082.00 for construction of drainage improvements within the Torian Village subdivision along Slick Ranch Creek in Council District 6, a copy of which is attached as **Exhibit 1**.

SECTION 2. Payment is authorized to be encumbered and made payable to Lennar Homes of Texas Land and Construction LTD in an amount not to exceed \$454,082.00. Payment is in support of the Castleridge /Slick Ranch Flood Plain Improvements Project using Fund 40099000 with the WBS Element 23-01484-05-02-01 and GL Account 5201140. Funding for this project is provided by the Drainage Detention Project Fund, and Revenue Bonds and is in the FY2023-FY2028 CIP Budget.

Payment is limited to the amounts budgeted in the Operating and/or Capital Budget funding sources identified. All expenditures will comply with approved operating and/or capital budgets for current and future fiscal years.

SECTION 3. The financial allocations in this Ordinance are subject to approval by the Deputy Chief Financial Officer, City of San Antonio. The Deputy Chief Financial Officer may, subject to concurrence by the City Manager or the City Manager's designee, correct allocations to specific Fund Numbers, Project Definitions, WBS Elements, Internal Orders, Fund Centers, Cost Centers, Functional Areas, Funds Reservation Document Numbers, and GL Accounts as necessary to carry out the purpose of this Ordinance.

SECTION 4. This Ordinance is effective immediately upon the receipt of eight affirmative votes; otherwise, it is effective ten days after passage.

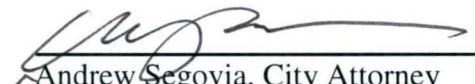
TG
12/01/22
Item No. 10

PASSED AND APPROVED this 1st day of December, 2022.


M A Y O R
Ron Nirenberg

ATTEST: APPROVED AS TO FORM:


Debbie Racca-Sittre, City Clerk


Andrew Segovia, City Attorney



City of San Antonio

City Council Meeting December 1, 2022

10.

2022-12-01-0893

Ordinance approving a Developer Participation Agreement between Lennar Homes of Texas Land and Construction LTD and the City of San Antonio in an amount not to exceed \$454,082 for drainage improvements within the Torian Village subdivision along Slick Ranch Creek in relation to the Castleridge/Slick Ranch Flood Plain Improvements project. Funds are from the Stormwater Regional Facilities Fund included in the FY 2023 – FY 2028 Capital Improvement Program. [Roderick Sanchez, Assistant City Manager; Razi Hosseini, Director, Public Works]

Councilmember Courage moved to Approve on the Consent Agenda. Councilmember Viagran seconded the motion. The motion carried by the following vote:

Aye: Nirenberg, Bravo, McKee-Rodriguez, Viagran, Rocha Garcia, Castillo, Cabello Havrda, Sandoval, Pelaez, Courage

Absent: Perry

TG
12/01/22
Item No. 10

Exhibit 1

STATE OF TEXAS §
§
COUNTY OF BEXAR §

**DEVELOPER PARTICIPATION AGREEMENT
 BETWEEN THE CITY OF SAN ANTONIO AND
 LENNAR CORPORATION FOR THE TORIAN
 VILLAGE SUBDIVISION DRAINAGE PROJECT**

This Developer Participation Agreement is hereby made and entered into by and between the City of San Antonio (hereafter referred to as "City"), a Texas municipal corporation, acting by and through its City Manager pursuant to Ordinance No. 2022-_____ dated _____, 2022, and Lennar Corporation., a Texas limited partnership, its successors, and permitted assigns (hereafter referred to as "Developer"), acting by and through its officers, hereto duly authorized. City and Developer are individually referred to herein as a "party" and collectively referred to herein as the "Parties."

WHEREAS, Developer is undertaking the development of a single-family housing subdivision development within the San Antonio city limits generally located near the corner of State Highway 151 and Loop 410 (hereafter referred to as "Project"); and

WHEREAS, City seeks to provide drainage infrastructure improvement to increase drainage capacity and remove properties from the floodplain (hereinafter referred to as the "Project"), all as more fully described herein and in "Exhibit A" and "Exhibit A-1," attached hereto and incorporated herein by reference; and

WHEREAS, City has identified and earmarked a maximum of **\$454,082.00** in funds (hereafter referred to as "City's Share") for use by Developer to construct drainage improvements for the Torian Village subdivision project; and

WHEREAS, City's Share shall fund drainage improvements and increased drainage capacity; and

WHEREAS, City has identified Developer as the appropriate party with which to contract for the fulfillment of the public purpose of infrastructure construction in accordance with all applicable laws of public funding and the authorizing instruments for the public funding; and

WHEREAS, Developer is the fee simple owner of the property referenced in the proposed location of the Project; and

WHEREAS, the public benefit to be gained from the Project is increased drainage capacity which reduces flooding in the Westwood Park Neighborhood; and

WHEREAS, Texas Local Government Code, Sections 212.071 – 212.074 (hereafter referred to as the "Authorizing Statutes") allow the municipality to contract with a Developer for the construction of public improvements in Developer Participation Contracts; and

WHEREAS, the Authorizing Statutes limit the participation of the municipality to a level not to exceed 30 percent (30%) of the total contract price; and

WHEREAS, this Agreement with the Developer for the Torian Village Subdivision Project limits the City of San Antonio participation to a level not to exceed 28.5 percent (28.5%) of the total Contract Price for the Project; and

WHEREAS, Developer's total projected estimated cost of the Project is a not-to-exceed amount of **\$1,588,275.50** (hereafter referred to as the "Project Price"); and

WHEREAS, City's participation in this Developer Participation Agreement for the Project shall not exceed **\$454,082.00**.

WHEREAS, Contract oversight and management services provided by City's Public Works Department (hereafter referred to as "PW") will require funding in the not-to-exceed amount of **\$9,081.64**, representing two percent (2%) of City's Share, to be deducted from City's participation, leaving a net City Share to Developer of **\$445,000.36**; and

WHEREAS, Developer will complete the construction of the Project not later than 12 months from approved Conditional Letter of Map Revision for the Castleridge Slick Ranch Creek Mitigation Project, subject to a one-year extension as approved by the Director of Public Works (PW).

NOW THEREFORE, the Parties hereto severally and collectively agree to and, by the execution hereof, are bound by the mutual obligations herein contained and to the performance and accomplishment of the tasks hereinafter described.

I. DEFINITIONS

1.01 "Agreement" or "Contract" means this Developer Participation Agreement between the City of San Antonio, Texas and Developer.

1.02 "Appropriation" shall mean the amount appropriated by the San Antonio City Council for the Project, or the not-to-exceed amount of **\$454,082.00**.

1.03 "Torian Village Subdivision Project" means the drainage improvements, as more fully described in **Exhibit A** hereto. The scope of the Project is described in **Exhibit A-1** hereto.

1.04 "City" means the City of San Antonio, Texas, a Texas municipal corporation.

1.05 "City's Representative" means the Director of PW or such other person as the City Representative may designate in writing to Developer from time to time.

1.06 "City Share" means, for the purposes of determining progress payments due to Developer pursuant to this Agreement, an amount not to exceed thirty percent (30%) of the total estimated Contract Price of **\$1,588,275.50** for the Project, which totals the not-to-exceed contribution by City of **\$454,082.00**, as authorized by the Authorizing Statutes. Out of said not-to-exceed City Share of **\$454,082.00**, City shall deduct a two percent (2%) not-to-exceed amount of **\$9,081.64** for PW Contract management and oversight, leaving a net City Share contribution to Developer of an amount not to exceed **\$445,000.36**. "Contract Documents" means this Developer Agreement and its **Exhibit A** through **Exhibit G** attached hereto, incorporated herein by reference and made a part

hereof for all purposes.

1.07 "Contract Price" means Developer's projected cost for infrastructure improvements to facilitate the Project totaling **\$1,588,275.50**.

1.08 "Construction Documents" means the design plans, specifications and estimates for the Project, which shall be provided by the Developer pursuant to the terms of this Agreement. The Construction Documents shall illustrate the dimensions, Project materials, methods of construction, methods of excavation and other details of the Project.

1.10 "Developer Property" means the real property described in **Exhibit B** attached hereto, comprised of approximately 76.85 acres.

1.11 "Developer's Representative" means the person executing this Agreement on behalf of the Developer or such other person as Developer may designate to City in writing from time to time.

1.12 "Developer's Share" means all costs associated with the Project in excess of City Share.

1.13 "Director" means the Director of the Public Works Department of the City of San Antonio.

1.14 "Project" means the Torian Village Subdivision Project referred to above, and in Section 1.03, and as defined in Section 4.10, and more fully described in **Exhibit A** and **Exhibit A-1**, attached hereto and incorporated herein by reference.

1.15 "Project Costs" means all Eligible Expenses (as defined in **Section 10.01** herein) incurred by Developer with respect to the completion (design and construction) of the Project, in accordance with this Agreement including, without limitation, all costs incurred to:

1.15.1 prepare the design Construction Documents including, but not limited to:

- (a) all engineering fees and expenses for all studies, estimates of probable costs and other work performed by the Project Engineer;
- (b) all required utility removal, replacement, and relocation cost along with all required environmental reports and permits;
- (c) all title work;
- (d) all platting costs;
- (e) all legal fees; and
- (f) all other fees and expenses relating to the Project; and

1.15.2 all costs and expenses to construct the Project.

1.16 "Project Engineer" means the individual working for Developer who prepares, signs and seals the Construction Documents.

1.17 "ROW" shall mean all rights of way, if any, dedicated by Developer for the Project.

1.18 "Work" means the installation and construction of the Project by Developer in accordance with the Construction Documents and as provided herein.

II. CONTRACT PROVISIONS

2.01 Background. This Agreement qualifies as a "Developer Participation Contract" pursuant to Sections 212.071-212.074 of the Texas Local Government Code. In this regard, Developer shall construct the Project on property dedicated, or shall be dedicated, as right of way to the City. City shall pay the City Share and Developer shall pay the Developer's Share.

2.01.01 Purpose. The Project provides drainage improvements near the Torian Village Subdivision project which includes increased drainage capacity and removing properties from the flood plain.

2.01.02 Performance of Obligations by Developer's Contractor. Notwithstanding anything herein to the contrary, City acknowledges and agrees all or a portion of Developer's performance obligations herein may be satisfied by Developer's Contractor(s) hired to construct the Project including, without limitation, those requirements for delivery of surety, insurance, provision of plans and Construction Documents to Director, prevailing wage payments, SBEDA reporting, construction of the Project and compliance with all federal, state and local laws. Developer agrees performance of such obligations by Developer's Contractor does not modify the terms and conditions of this Agreement.

2.02 Design Standards. Developer shall design the Project and shall construct the Project through Developer's property in accordance with the requirements of Chapter 35 of the San Antonio City Code (hereafter referred to as the "Unified Development Code" or "UDC"). Developer submitted its Project design to City for its review and approval. City has reviewed and approved Developer's Project design. No changes shall be accepted to the Project design without City's prior written approval. City agrees that construction and permitting for the Project is subject to UDC requirements

2.03 Progress Payments to Developer. As the Project is designed and constructed, Developer shall submit requests to City for payment of portions of City's Share as may be attributable to the completed engineering and construction of the Project. Any such requests for the payment of City's Share of construction expenses shall be accompanied by a certificate from the Project Engineer certifying, by percentage, the amount of the Work performed and confirming such Work was performed in accordance with the Construction Documents, stating the amount of City's Share attributable thereto and Developer's Share and shall include a breakdown of labor, names of contractors and materials used. Upon approval of the draw request, City shall pay City's Share due within thirty (30) days following City's receipt of such approved progress payment request, subject

to the terms and conditions of this Agreement. Developer initially shall pay all costs incurred from time to time with respect to the Work.

2.04 Performance and Payment Bonds Required. Prior to the commencement of construction, Developer shall provide (or cause its Contractor to provide) City with:

- 2.04.1 a Performance Bond and a Payment Bond, both submitted on City's approved Payment and Performance Bond forms, said forms attached hereto, incorporated herein by reference and labeled as "**Exhibit D**", in accordance with and in satisfaction of Section 212.073 of the Texas Local Government Code in the estimated amount of the construction costs for the Project, reflecting City as beneficiary there under (hereafter referred to as the "Provision of Bonds"); and
- 2.04.2 insurance certificates showing City as a named insured in types and amounts described herein (hereafter referred to as the "Provision of Insurance"). The foregoing shall remain in force and effect throughout the course of construction of the Project.
- 2.04.3 City agrees bond and insurance expenses incurred by Developer or Developer's Consultant(s) and/or Contractor pursuant to this Agreement shall be eligible for progress payment as a Project Costs, subject to the terms and conditions herein.

2.05 No Third Party Beneficiaries. Each Project construction contract shall:

- 2.06.1 prohibit third party beneficiaries other than City, which specifically shall be designated as a third party beneficiary;
- 2.06.2 not be assignable by the Developer; and
- 2.06.3 shall provide City access to the Project at all reasonable times for inspection purposes; and
- 2.06.4 include provisions in which Developer's Consultant(s), Sub-Consultants, Contractor and/or Sub-Contractor acknowledge therein each has read this Agreement and understands City has certain rights thereunder and pursuant to this Agreement.

2.07 Transfer of Title. Developer warrants title to all Work on the Project covered by a progress payment request will pass to City no later than the time of final payment and acceptance by City. Developer further warrants, upon submittal of a progress payment request, all Work for which prior progress payments were received from City shall be free and clear of any and all liens, claims, security interests or encumbrances in favor of Developer's Contractors, any Subcontractors, material suppliers, or other persons or entities making a claim by reason of having provided labor, materials and/or equipment relating to the Work. **DEVELOPER SHALL INDEMNIFY AND HOLD CITY HARMLESS FROM ANY LIENS, CLAIMS, SECURITY INTEREST OR ENCUMBRANCES**

FILED BY DEVELOPER'S CONTRACTOR, SUBCONTRACTORS OR ANYONE CLAIMING BY, THROUGH OR UNDER DEVELOPER'S CONTRACTOR OR SUBCONTRACTOR FOR ITEMS COVERED BY PAYMENTS MADE BY CITY TO DEVELOPER. Subject to **Section 2.16** herein, upon the transfer of title of Work to City, City shall assume all ownership and maintenance responsibilities for the Project, constructed by Developer pursuant to government regulations and the Construction Documents.

2.08 Certification of Contractor and Vendor Payments. For each progress payment request, Developer (or Developer's Contractor) shall certify:

- 2.08.1 there are no known liens or bond claims outstanding at the date of the progress payment request;
- 2.08.2 all due and payable bills with respect to the Work have been paid to date or are included in the amount requested in the current progress payment request;
- 2.08.3 except for such bills not paid but so included, there is no known basis for the filing of any liens or bond claims relating to the Work; and
- 2.08.4 releases from all Developer's Consultants, Sub-Consultants, Contractors, Subcontractors and material men have been obtained in such form as to constitute an effective release of lien or claim under the laws of the State of Texas covering all Work performed; provided if any of the foregoing is not true and cannot be certified, Developer shall revise the certificate as appropriate and identify all exceptions to the requested certifications.

2.09 Payment of Progress Payment Request. City shall, within thirty (30) calendar days after receipt of Developer's progress payment request, either pay the progress payment request in such amount as City determines is properly due or shall notify Developer in writing of City's reasons for withholding payment in whole or in part, as provided under in this **Article II**.

2.10 Verification of Work by City for Payment. The payment of each progress payment request shall constitute City's understanding, based on City's evaluation of the Work and the data comprising the progress payment request, the Work or a portion thereof has been completed and, to the best of City's knowledge, information and belief, the quality of the work is in accordance with the Construction Documents. The foregoing representations are subject to:

- 2.10.1 an evaluation of the Work for conformance with the Construction Documents;
- 2.10.2 results of subsequent tests and inspections;
- 2.10.3 correction of minor deviations from the Construction Documents prior to completion; and

2.10.4 any specific qualifications herein.

The payment of each progress payment request further will constitute a representation Developer is entitled to payment in the amount paid. However, the issuance of a payment will not be a representation City has:

2.10.5 made exhaustive or continuous on-site inspections to check the quality or quantity of the Work covered by the progress payment request;

2.10.6 reviewed construction means, methods, techniques, sequences or procedures;
or

2.10.7 reviewed copies of requisitions received from subcontractors and material suppliers and other data requested by the City to substantiate the Developer's right to payment.

2.11 City may withhold payment in whole or in part, to the extent reasonably necessary to protect City, if City determines the requirements of **Section 2.10** herein cannot be achieved. If City is unable to make payment in the amount of the progress payment request, City shall notify Developer, as provided in **Section 2.09** herein. If Developer and City cannot agree on a revised payment request amount, Developer shall submit a progress payment request on those items the Parties agree and City promptly shall issue payment to Developer for the agreed upon amount reflected in the revised payment request. City and Developer shall continue discussions over the disputed items not included in a previous progress payment request. City also may withhold any payment to Developer because of subsequently discovered evidence as a means to protect City from loss for which Developer is responsible, including loss resulting from acts and omissions because of Developer's default. City shall pay the undisputed portions of such request for progress payment within the time frames established in this **Article II**.

2.12 If the above reasons for withholding payment are resolved to the benefit of Developer, payment by City shall be made for amounts previously withheld. City shall not be deemed in default by reason of withholding payment as provided for in **Section 2.11** herein.

2.13 Payment of Contractor, Subcontractors and Vendors. Developer shall require Developer's Consultant(s), Sub-Consultant(s), Contractor(s) and Subcontractor(s) to pay all bills for labor and materials performed and furnished by others, in connection with the construction, furnishing and equipping of the improvements and the performance of the Work related to the respective progress payment request, no later than ten (10) calendar days following receipt of payment from City and shall, if requested, provide City with evidence of such payment. Developer's failure to require such payments by its Consultant(s), Sub-Consultant(s), Contractor(s) and Subcontractor(s) within such time shall constitute a material breach of this Agreement, unless the Developer is able to demonstrate to City bona fide disputes associated with the unpaid Consultant(s), Sub-Consultant(s), Contractor(s) and Subcontractor(s) and/or Supplier(s) and its/their work. Developer's Consultant(s), Sub-Consultant(s), Contractor(s) and Subcontractor(s) shall include a provision in each of its subcontracts imposing the same payment obligations on its Consultant(s), Sub-Consultant(s), Contractor(s) and Subcontractor(s) as are applicable to Developer hereunder and, if City so requests,

Contractor shall provide copies of such Consultant, Sub-Consultant, Contractor and Subcontractor payments to City. If Developer's Consultant(s), Sub-Consultant(s), Contractor(s) and Subcontractor(s) fail to make payment promptly to its Sub-Consultant(s) and/or Subcontractor(s) or for materials or labor used in the Work for which City has made payment to Developer, City shall be entitled to withhold subsequent payment to Developer to the extent necessary to protect City against claims or liens on the Project.

- 2.13.01 City shall, on request, furnish to Developer's Consultant, Sub-Consultant, Contractor or Subcontractor, if practicable, information regarding percentages of completion or amounts applied for by Developer and action taken thereon by City on account of portions of the Work done by such Consultant, Sub-Consultant, Contractor or Subcontractor.
- 2.13.02 City shall not have an obligation to pay or to see to the payment of money to a Consultant, Sub-Consultant, Contractor or Subcontractor, except as may otherwise be required by law, if any.
- 2.13.03 Payments to material suppliers shall be treated in a manner similar to that provided in this **Section 2.13**, regarding Consultants, Sub-Consultants, Contractors and Subcontractors.
- 2.13.04 A progress payment, the use or occupancy of the Project or portion thereof by the City shall not constitute acceptance of Work not performed or furnished in accordance with the Construction Documents.

2.14 Inspections. The Project shall be accessible at all reasonable times to City's Representative or his/her designee for inspection. Developer acknowledges any inspections performed by City during the course of construction for purposes of this Agreement (as opposed to routine building and construction inspections performed by City for permitting and acceptance purposes common to all similar construction projects) are for the benefit of City only and may not be relied upon by others, be claimed by Developer as an approval by City, a permit granted by City, a waiver by City or used for any purpose by Developer, its contractor or any third party. Developer further acknowledges Developer and its Contractor are required to perform their own inspections and any inspections conducted by City do not relieve any obligations of Developer or others. Subject to the foregoing, City promptly shall notify Developer of any defects or non-conformances discovered during any City inspection.

2.15 Construction Documents. As-Built Plans. Prior to the commencement of construction of the Project, Developer shall provide City's Development Services Department with a complete set of Construction Documents meeting the requirements of this Agreement and in conformance with all applicable local, state and federal codes and regulations and customary engineering practices. The Construction Documents shall be prepared by and bear the seal of the individual Engineer working for Developer on the Project (hereafter referred to as the "Project Engineer") and identified to City. Construction of any part of the Project shall in no event commence prior to City approval of the Construction Documents for that part of the Project (hereafter referred to as the "City Plan Approval"). Developer shall cause the Project Engineer to commence preparation of the Construction

Documents promptly upon completion of engineering and design and to diligently continue same to completion. Developer shall provide City with copies of the Project Engineer's invoices for the Project as such invoices are received by Developer, and City shall pay City's Share thereof. City shall own the Construction Documents upon payment by City of City's Share of the total Project Engineer charges and Developer shall thereupon obtain and provide Project Engineer's assignment of its interest to City. By execution of this Agreement, Developer hereby assigns its interest in the Construction Documents to City, to become effective upon receipt by Developer of the total City Share of the Project Engineer's fees. City shall own the Construction Documents for all purposes and may duplicate them, license them, use them and re-use them for any and all purposes. Notwithstanding the foregoing, Developer shall be authorized to use the Construction Documents and modify the Construction Documents (subject to the requirements under this Agreement) to allow Developer's contractor and subcontractors to complete the Project. Record Drawings/As-Built Plans of the completed Project shall be provided to PW by Developer no later than sixty (60) calendar days after completion of the Project, as jointly certified by the Project Engineer and City's Representative.

2.16 Construction Warranty. If the Work is found to be defective, either wholly or in part, and/or found to be non-conforming with the Construction Documents during the twelve (12) month period following completion and written acceptance of the Project or portion thereof as defined in the Contract, City immediately shall give Developer written notice thereof; specifying the defect and/or non-conforming Work with particularity. (For purposes of this Agreement, "completion" shall mean written acceptance of the Project or portion thereof by City.) Developer shall cause the correction of such defective or nonconforming Work within thirty (30) calendar days of written notice thereof given by City, or within such longer time as may be reasonably necessary, provided Developer is working diligently and continuously towards a cure. If Developer fails to correct the specified defective or non-conforming Work, then City may, at its own expense, correct such defective or non-conforming Work by City's own crews or by outside contractor, at City's option, and the reasonable cost of such correction shall be deemed to be sums due City by Developer, and may be offset against any outstanding amounts due by City to Developer under this Agreement. If no amounts are due by City to Developer, Developer shall reimburse City in full for the costs incurred by City in correcting such defective or non-conforming Work within thirty (30) calendar days of receipt of City's itemized cost breakdown. The cost of City crews shall be determined by prevailing market rates for correcting such specified defects and/or nonconforming work. At the end of said 12-month period, all available product and workmanship material warranties, including all warranties given by Developer, shall be assigned to City, to the extent assignable. This provision shall survive termination of this Agreement.

2.17 Representations and Warranties. Developer and City represent, warrant, certify and agree neither this Agreement nor the Contract Documents, nor any part of the relationship between the parties hereto, shall be construed in any way or operate as creating a joint venture, partnership or other business entity between Developer and City.

III. TERM

The term of this Agreement shall commence upon execution of the Agreement by both Parties (hereafter referred to as the "Effective Date") and continue until the Project is complete and accepted in writing by City (hereafter referred to as the "Term"). The Developer must complete the Project not later than 12 months from approved Conditional Letter of Map Revision for the Castleridge Slick Ranch Creek Mitigation Project, subject to a one-year extension as approved by the Director of PW.

IV. GENERAL RESPONSIBILITIES OF DEVELOPER

4.01 Construction Commencement. Notwithstanding anything to the contrary herein, Developer shall be deemed to have commenced construction of the Project upon the occurrence of all of the following, in accordance with the terms and conditions of this Agreement (the "Construction Commencement"):

- A. The Provision of Bonds;
- B. The Provision of Insurance;
- C. Developer submission of all required forms or information under this Agreement;
- D. Developer submission of the Subcontractor/Supplier Utilization Plan;
- E. Developer provision of the Budget for the Project to City;
- F. City Plan Approval; and
- G. Issuance of all required permits and approvals for the Project.

For a period of eighteen (18) months following the date hereof, Developer shall have the right to terminate this Agreement if the reasonably anticipated cost of the performing its obligations hereunder exceeds the Budget by more than ten percent (10%) as a result of unknown circumstances or events not reasonably foreseeable by Developer, in which event the Performance Guarantee shall be returned to Developer and neither party shall have any further obligations hereunder.

4.01.01 Developer Obligation to Construct Project. Following Construction Commencement, Developer hereby accepts full responsibility for the performance of all services and activities described in this Agreement to complete the design and construction of the Project on or before 12 months from approved Conditional Letter of Map Revision for the Castleridge Slick Ranch Creek Mitigation Project, subject to a one-year extension as approved by the Director of PW. Construction of the Project shall be in accordance with the Construction Documents.

4.01.02 Developer Performance Guarantee. Developer hereby agrees it shall perform its obligations under this Agreement. Developer, upon the Effective Date, shall deposit with PW a bond in an amount equal to five percent (5%) of the estimated cost to design and complete the Project (hereafter referred to as the "Performance Guarantee"). In lieu of a Developer Performance Guarantee, Developer's Construction Contractor shall submit Payment and Performance Bonds to the City, as required pursuant to Section 2.05 herein, no later than November 1, 2022. Notwithstanding any other term or provision hereof, should Construction Commencement not occur prior to the date reasonably required to complete construction on or before December 1, 2023, subject to a one-year extension as approved by the Director of PW, and such failure continues beyond the applicable notice and cure provided under **Section 13.03** herein, City may deem Developer in Default whereupon City may, as its sole and exclusive remedy:

- (i) terminate this Agreement and be entitled to retain the Performance Guarantee as liquidated damages arising from such default; and
- (ii) recover from Developer any amounts previously paid to Developer in accordance with Article II within 30 days following said termination. Upon the Provision of Bonds by Developer, City shall immediately release the Performance Guarantee to Developer upon demand, and Developer shall have no further obligation under this Section.

4.02 The estimated cost to complete the Project is **\$1,588,275.50**. Developer shall provide (or cause to be provided) all necessary funding for the Project Costs beyond City's Share contained herein and provide evidence to City Developer's Share of the Project Costs has been secured.

4.03 Unless written notification by Developer to the contrary is received by City, Developer's Representative shall be responsible for the administration of this Agreement on behalf of Developer until the completion of the Project.

4.04 Unless written notification by City to the contrary is received by Developer, City's Representative shall be responsible for the administration of this Agreement on behalf of City until the completion of the Project.

4.05 Communications between City and Developer shall be directed to the designated representatives of each as set forth in **Section 4.03** and **Section 4.04** hereinabove.

4.06 Pursuant to **Section 2.15**, Developer shall provide City its Construction Documents for the Project. After approval by City, Developer shall not make any substantial changes to the Construction Documents without the prior written approval of City. This **Section 4.06** does not relieve Developer of the burden of obtaining all necessary governmental approvals and permits, including those provided by City through its relevant development departments and relevant boards and commissions, including the Historic and Design Review Commission and the State of Texas Commission on Environmental Quality (Article 9102).

4.06.01 Developer shall obtain as part of the Project Cost any and all required environmental permits for the Project.

4.06.02 Developer shall coordinate all required environmental permits for the Project with the Director.

4.07 City shall have authority to inspect the Project throughout the construction process to ensure compliance with the Plans. Developer shall cause its design professional to provide periodic certifications of construction certifying construction has been conducted in compliance with the Plans. Developer shall submit said certification to the PW Director or his/her designee at the completion of the Project construction. City shall have the right to withhold funding until certification is provided.

4.08 RESERVED

4.09 Developer shall coordinate with all utilities affected by the Project and Developer shall pay all required costs for utility removal, replacement and relocation in connection with the Project.

4.10 Developer, upon receiving all of the necessary approvals from City, shall perform the following:

4.10.01 construct drainage improvements and sewer main installation, as reflected on "Exhibit A", attached hereto and incorporated herein by reference:

4.11 In the event City does not contribute its City Share for the Project pursuant to this Agreement, Developer shall not be obligated to any performance under this Agreement and this Agreement shall terminate without liability upon either Party hereto.

V. COMPLIANCE WITH FEDERAL, STATE AND LOCAL LAWS

5.01 Developer warrants and represents it will comply with federal, state and local laws and regulations and will use all reasonable efforts to ensure said compliance by any and all Consultants, Sub-Consultants, Contractors and Subcontractors working on the Project.

5.02 Developer accepts and agrees to abide by the following laws, Ordinances, Rules and regulations in its expenditures of City Funds:

5.02.01 Government Code provisions regarding performance and payment bonds as set forth in **Section 2.05** herein.

5.02.02 PREVAILING WAGE RATE AND LABOR STANDARD PROVISIONS.

- A. The requirements of Chapter 2258 of the Texas Government Code, entitled "Prevailing Wage Rates," shall apply to this Agreement. Developer agrees its Construction Contractor shall comply with City Ordinance No. 71312 and its successors such as Ordinance No. 2008-11-20-1045 and will require subcontractors to comply with City Ordinance 71312 and its successors such as Ordinance No. 2008-11-20- 1045.
- B. In accordance with the provisions of Chapter 2258 and Ordinance No. 2008-11-20-1045, Developer's Representative shall request upon advertisement of construction bids, and City shall provide Developer with the appropriate wage determination which includes the general prevailing rate of per diem wages in this locality for each craft or type of workman needed to perform the construction work. Developer is required and shall require same of its Construction Contractor, all Subcontractors, Consultants and Sub-Consultants to comply with each updated schedule of the general prevailing rates in effect at the time Developer seeks proposals or bids for construction of a given phase. Developer further is

required to cause the latest prevailing wage determination decision to be included in bids and contracts with Developer's General Contractor, Subcontractor, Consultant(s) and Sub-Consultant(s) for construction of each Phase. Developer is responsible for and shall collect and monitor weekly certified payrolls and perform site visits to ensure the prevailing wage is being paid to all workmen. City shall audit certified payroll records as City deems necessary, in accordance with this Agreement.

- C. Upon audit of the records and certified payrolls under this section, should City or its auditors find any violations, Developer shall cause its Construction Contractor to forfeit, as a penalty to City, \$60.00 for each laborer, workman or mechanic employed, for each calendar day, or portion thereof, such laborer, workman or mechanic is paid less than the said stipulated rates for any work done under said contract, by the Contractor or any subcontractor. The establishment of prevailing wage rates in accordance with Chapter 2258, Texas Government Code shall not be construed to relieve the Developer from its obligation under any federal or state law regarding the wages to be paid to or hours worked by laborers, workmen or mechanics insofar as applicable to the work to be performed under this Agreement.

- 5.02.03 Developer shall comply with the requirements of the City of San Antonio Small Business Economic Development Advocacy Ordinance (Ordinance No.2016-05-19-0367, as amended), as further described in **Exhibit E** hereto (also referred to as the "SBEDA Requirements"). Subcontracting goals for this Agreement shall apply only to the City Share of allocated funds in the amount of **\$454,082.00**.

Subcontractor utilization may be applied to the total contract amount for purposes of meeting subcontracting goals based on the City Share.

- 5.02.04 Developer shall complete the State of Texas Form 1295, attached hereto, made a part of this Agreement by reference and labeled as **"Exhibit G"**.

5.03 Construction Documents must conform to Americans with Disabilities Act requirements and must be approved by the Texas Department of Licensing and Regulation before construction may begin. Inspections and final approval shall be the responsibility of Developer.

VI. PAYMENT BY CITY

City shall pay City's Share of an amount not to exceed **\$445,000.36** plus an additional **\$9,081.64** withheld by PW for Contract management and oversight, or a total amount not to exceed **\$454,082.00**, said City's Share does not exceed (30%) of the total estimated Project Cost of **\$1,588,275.50**, pursuant to the terms and conditions of this Agreement.

VII. FUNDING AND ASSISTANCE BY CITY

7.01 City shall reimburse Developer only for Project Costs incurred hereunder. Notwithstanding any other provisions of this Agreement, the total of all payments and other obligations made to Developer hereunder shall not exceed the Appropriation and the City Share.

7.02 City shall not be obligated nor liable under this Agreement to any party, other than Developer, for payment of any monies or provision of any goods or services.

7.03 It is further expressly understood and agreed by City and Developer City's payment obligations under this Agreement are limited to City's Share of the Project. Additionally, it is expressly understood and agreed by City and Developer this Agreement in no way obligates payment of City's General Fund monies.

VIII. RECEIPT, DISBURSEMENT AND ACCOUNT OF FUNDS BY DEVELOPER

8.01 Developer shall maintain readily identifiable records providing accurate, current, separate, and complete disclosure of the status of any funds received pursuant to this Agreement. Developer further agrees:

8.01.01 the maintenance of said records shall be in compliance with all terms, provisions, and requirements of this Agreement and with all generally accepted accounting practices; and

8.01.02 Developer's record system shall contain sufficient documentation to provide, in detail, full support and justification for each expenditure.

8.02 In order to be reimbursed for work completed, Developer shall submit to City a report indicating the amount of funds expended, the payee, the date paid, the purpose of the payment, and provide supporting documentation (i.e. copies of paid itemized invoices) as requested by City. Prior to any progress payments to Developer, City shall have the right to inspect work completed to ensure conformance with the approved Construction Documents.

8.03 City agrees to provide Developer written notice regarding any expenditure in a progress payment request City cannot confirm is an eligible Project Cost under this Agreement or related to the Construction Documents. Said notice will provide Developer thirty (30) days from receipt of said notice to provide additional information. Failure to provide sufficient information may result in City's denial of the progress payment for the expenditure under review. Within thirty (30) days following written demand by City, Developer shall refund to City any sum of money for the expenditure in question previously paid by City to Developer having been determined to:

8.03.01 have not been spent by Developer strictly in accordance with the terms of this Agreement; or

8.03.02 not be supported by adequate documentation to fully justify the expenditure.

8.04 Upon termination of this Agreement, should any expense or charge be subsequently disallowed or disapproved using the same criteria as set out in **Article X** herein as a result of any

auditing or monitoring by City, Developer shall refund such amount to City within thirty (30) working days of City's written request therefore wherein the amount disallowed or disapproved shall be specified.

IX. RIGHT OF REVIEW AND AUDIT

9.01 Developer grants City or its designees, the right to audit, examine or inspect, at the City's election, Developer's Records (as defined below) relating to the performance of the Work under the Contract during the term of the Contract and retention period herein. Such audit, examination or inspection may be performed by a City designee, which may include its internal auditors or an outside representative engaged by City. Developer agrees to retain its records in an electronic format for a minimum of four (4) years following termination of the Contract (and forward the electronic records to City at the end of the four year period), unless there is an ongoing dispute under the contract, then, such retention period shall extend until final resolution of the dispute. For purposes of this Agreement, "Developer's Records" means any and all information, materials and data of every kind and character generated as a result of the Work under this Agreement. Examples of Developer records include but are not limited to billings, books, records, general ledger, cost ledgers, invoices, production sheets, documents, correspondence, meeting notes, subscriptions, agreements, purchase orders, leases, contracts, commitments, arrangements, notes, daily diaries, reports, drawings, receipts, vouchers, memoranda, time sheets, payroll records, policies, written accounting policies, procedures, federal and state filings for issue in question, and any and all other relevant materials, agreements, sources of information and matters that may, in City's judgment, have any bearing on or pertain to any matters, rights, duties or obligations under or covered by any Contract Documents.

9.02 Notwithstanding the foregoing, City agrees Developer's retention and authorized audit of the Developer's Records shall not include the retention, disclosure, review or audit of records of the Developer or its affiliates unrelated to the Contract or the Work performed by or for Developer relating to performance of Work under this Agreement. It is expressly agreed by the City Developer shall not be required to disclose or retain the following:

- 9.02.1 time sheets, personnel or payroll records of Developer's employees;
- 9.02.2 private information about the employees or directors or partners of Developer;
- 9.02.3 information pertaining to the revenues, assets, liabilities, securities, or position of Developer;
- 9.02.4 contributions or distributions of partner entities of the Developer;
- 9.02.5 financial records of the Developer, other than those related to the performance of Work under this Agreement,
- 9.02.6 financial records of partner entities of Developer, other than those related to performance of Work under this Agreement;
- 9.02.7 federal or State tax filings of any sort;

9.02.8 organization formation documents of any sort;

9.02.9 private plans, engineering drawings or analyses, architectural drawings or analyses, financial projections, marketing materials, real estate agreements of any type, or other documents or records of any kind, without limitation, pertaining to the development, sale, leasing or construction of Developer Property (other than those related to performance of Work under this Agreement);

9.02.10 memoranda or correspondence between Developer and its attorneys;

9.02.11 memoranda or correspondence of any sort between partner entities of Developer unrelated to the Developer's performance of Work under this Agreement; or

9.02.12 information pertaining to insurance coverage of Developer or its partner entities, other than required for Developer's performance of Work under this Agreement.

9.03 City agrees it will exercise the right to audit, examine or inspect only during regular business hours and following five (5) days prior written notice to Developer. Developer agrees to allow City or its designee access to Developer's Records deemed necessary by City or its designee(s), to perform such audit, inspection or examination. Developer also agrees to provide adequate and appropriate work space necessary to City or its designees to conduct such audits, inspections or examinations.

9.04 Developer must include this audit clause and right of review in any Consultant, Sub-Consultant, Contractor, Subcontractor, supplier or vendor contract. Notwithstanding the foregoing, it is expressly agreed City's rights to audit only apply to Developer's Records.

X. ALLOWABLE EXPENDITURES

10.01 Prior to the commencement of Project construction, Developer shall submit an estimated construction schedule and budget to complete the Project (hereafter referred to as the "Budget"), including contingency amounts to City's Representative for prior approval of any costs to be paid from funds received hereunder. Costs shall be considered allowable only if so approved in Developer's construction budget, or otherwise approved in advance by City's Representative in writing, and incurred directly and specifically in the performance of and in compliance with this Agreement and with all city, state and federal laws, regulations and ordinances affecting Developer's operations hereunder. Only the following categories of Project Costs shall be considered allowable (hereafter referred to as the "Eligible Expenses"):

- Construction costs, including material testing, bonds and insurance expenses
- Project Management fees/expenses including Construction Phase Services
- Construction contingencies with approved change orders
- Design Plans and specifications

- Advertising and outreach expenses of Developer to comply with contractor solicitation and SBEDA Ordinance, as required by this Agreement.

10.02 Expenditures of the funds provided under this Agreement only shall be allowed if incurred directly and specifically in the performance of and in compliance with this Agreement and all applicable city, state and federal laws, regulations and/or ordinances.

10.03 The following shall not be considered allowable Project Costs under this Agreement:

- Personnel costs, salaries or wages paid directly by Developer or other similarly affiliated organization
- Travel and travel-related expenses
- Costs or fees for consultant and/or professional services, except for those directly related to the projects
- Costs or fees associated with attendance at meetings, seminars, or conferences
- Costs or fees associated with regular maintenance and operation
- Fundraising
- Equipment and Furnishings, unless provided by Developer's General Developer and shown on the approved Plans
- Advertising, other than those expenses specified above
- Right of Way

XI. FURTHER REPRESENTATIONS, WARRANTIES AND COVENANTS

Developer further represents and warrants:

- 11.01.01 all information, data or reports heretofore or hereafter provided to City is, shall be and shall remain complete and accurate as of the date shown on the information, data or report and, since said date shown, shall not have undergone any significant change without written notice to City.
- 11.01.02 it is financially stable and capable of fulfilling its obligations under this Agreement and Developer shall provide City immediate written notice of any adverse material change in the financial condition of Developer that may materially and adversely affect its obligations hereunder.
- 11.01.03 no litigation or proceedings are presently pending or to Developer's knowledge, threatened against Developer that would affect its ability to fulfill its obligations specified herein.
- 11.01.04 none of the provisions contained herein contravene or in any way conflict with the authority under which Developer is doing business or with the provisions of any existing indenture or agreement of Developer.

XII. ACCESSIBILITY OF RECORDS

12.01 At any time and as often as City may deem necessary, upon five (5) calendar days written notice (but in no case more than once monthly), Developer shall make Records available to City or any of its authorized representatives, at no charge to the City, pursuant to **Article IX** herein, and shall permit City or any of its authorized representatives to audit, examine, and make excerpts and/or copies of same.

12.02 To the extent required by law, Developer agrees to cooperate with City to satisfy requests for information received by City under the Texas Public Information Act related specifically to the execution of this Project.

XIII. DEFAULT/TERMINATION

13.01 Default. Each failure of a Party to perform its obligations in accordance with the terms and conditions of this Agreement shall be deemed a "Default."

13.02 Other Defaults by Developer. In addition to the foregoing, the following occurrences may be deemed a Default of the Developer:

- 13.02.01 Failure or refusal of Developer, Developer's Designer and/or Developer's Contractor to start the Work to meet the Project delivery set forth in this Agreement.
- 13.02.02 City's reasonable belief the progress of the Work being made by Developer, Developer's Designer and/or Developer's Contractor is insufficient to complete the Work within the specified time.
- 13.02.03 Failure or refusal of Developer and/or Developer's Contractor to provide sufficient and proper equipment or construction forces to properly execute the Work in a timely manner, following receipt of written notice by the City of such concerns.
- 13.02.04 City's determination Developer, Developer's Designer and/or Developer's Contractor has abandoned the Work or Project, following written request of Developer to provide documentation to the contrary.
- 13.02.05 City's determination Developer and/or Developer's Contractor has become insolvent, bankrupt or otherwise financially unable to carry on the Work, following a written request of Developer to provide evidence to the contrary.
- 13.02.06 Failure or refusal of Developer, following receipt of written notice from City, to observe any material requirements of the Construction Documents.
- 13.02.07 Failure or refusal of Developer, Developer's Designer and/or Developer's Contractor promptly to make good any defects in materials or workmanship, or any defects of any nature, the correction of which has been directed in writing by City.

- 13.02.08 A reasonable belief by City collusion exists or has occurred for the purpose of illegally procuring the contract, Designer, Contractor or a Subconsultant and/or Subcontractor, or a fraud is being perpetrated on City in connection with the construction of Work under the Contract.
- 13.02.09 Repeated and flagrant violation of safe working conditions by Developer's and/or Developer's Contractor following receipt of written notice by the City of such violations.
- 13.02.10 The willful and persistent violation of Developer and/or Developer's Contractor to carry out the Work in accordance with the Construction Documents.
- 13.02.11 The failure of refusal of Developer to carry out the Work in accordance with the approved Subcontractor/Supplier Utilization Plan for this Project.

13.03 Cure Period, Termination. Upon the occurrence of a Default by either Party in the performance of its obligations hereunder and the failure to cure such Default within thirty (30) calendar days following receipt of written notice of default from the non-defaulting party (or such reasonably longer time as may be necessary, provided the defaulting party commences the cure within thirty (30) days and continuously and diligently pursues the cure to completion), the non-defaulting party shall have the right to terminate this Agreement.

- 13.03.01 Cure Period for Failure to Achieve SBEDA Requirements. Notwithstanding the foregoing, upon the occurrence of a Default by Developer for failure to perform the SBEDA Requirements, pursuant to **Section 5.02.03** herein, and the failure of Developer to cure such Default within fifteen (15) calendar days following receipt of written Notice of Default from City (or such reasonable time period required to cure such Default), City may terminate this Agreement as its sole remedy for such Default.

13.04 Suspension of Payments to Developer. In the event of an uncured Default by Developer (following Construction Commencement) and written Notice to Developer thereof, City may withhold payments, in whole or in part, until such Default is cured. The withholding of payments by City may occur to protect City from loss for which Developer is responsible, including losses resulting from acts and omission because of:

- A. defective Work not remedied;
- B. third party claims filed or reasonable evidence indicating probable filing of such claims for which Developer is responsible hereunder unless security acceptable to City is provided by Developer;
- C. failure of Developer to make payments properly to Contractors, Subcontractors, Consultants and/or Sub-Consultants or for labor, materials or equipment under **Section 2.13** herein;

- D. reasonable evidence the Work cannot be completed in the Contract Term and Developer has failed to provide City adequate assurance of its continued performance;
- E. damage to City property or a City contractor;

When the above reasons for withholding payment are remedied, payment shall be made by City for amounts previously withheld. Developer acknowledges and accepts City shall not be deemed in default by reason of withholding payment as provided for herein.

13.05 Completion of Project Following Termination by City.

13.05.01 In the event this Agreement is terminated by City following Construction Commencement and only if City elects to enforce the performance bond for the Project and/or construct the Project (or portion(s) thereof), City shall access the Project from adjacent public street right-of-way to complete the construction of the Project. This Agreement shall operate as an agreement by Developer to allow City access to the Property as necessary to complete the Project in accordance with the Construction Documents.

13.05.02 In the event this Agreement is terminated by City following Construction Commencement and only if City elects to enforce the performance bond for the Project and/or construct the Project, Developer shall, as of the date specified by City, discontinue the Work or portion of the Work as City shall designate, whereupon the entity issuing Developer's performance bond (hereafter referred to as the "Surety") shall, within fifteen (15) calendar days after the receipt of written notice of termination has been served upon Developer and Surety or its authorized agents, assume the obligations of Developer for the Work or that portion of the Work which City has ordered Developer to discontinue and Surety may:

- 13.05.02.1 perform the Work with forces employed by Surety;
- 13.05.02.2 at City's sole option and with the written approval consent of City, tender a Replacement Contractor to take over and perform the Work, in which event Surety shall be responsible for and pay the amount of any costs required to be incurred for the completion of the Work in excess of the amount of City's Share remaining under the Contract as of the time of the termination; or
- 13.05.02.3 at City's sole option and with the written approval and consent of City, tender and pay to City in settlement the amount of money necessary to finish the balance of uncompleted Work under the Contract, correct existing defective or nonconforming work, and compensate the City for any other loss sustained as a result of Developer's Default, less City's Share remaining under the Contract at the time of termination.

13.05.03 In the event of termination of this Agreement following Construction Commencement, Surety shall assume Developer's obligations in all respects, and the amount of funds remaining unpaid to Developer under the Contract shall be paid by City to Surety for all Work performed by Surety or the Replacement Contractor in accordance with the terms of the Construction Documents, subject to any rights of City to deduct any costs, damages or actual damages City may have incurred including, but not limited to, additional fees, expenses and attorneys fees, as a result of such termination.

13.05.04 Any balance of City's Share remaining at the time of the Contract termination shall become due and payable to Surety as the Work progresses, subject to all of the terms, covenants and conditions of the Contract Documents. If Surety does not, within the time specified, exercise its obligation to assume the performance obligations of Developer under the Contract (or that portion of the Work which City has ordered Developer to discontinue) then City shall have the power to complete the Work in accordance with the Construction Documents, by contract or otherwise, as it may deem necessary. Developer accepts and agrees City shall have the right to take possession of or use any or all of the materials, plants, tools, equipment, supplies and property of every kind provided by Developer for the purpose of the Work (or to procure other tools, equipment, labor and materials for the completion of the Work) and to charge to the account of Developer the expenses of completion and labor, materials, tools, equipment and incidental expenses, up to an amount not to exceed the Contract Price. The expenses incurred by City to complete the Work shall be deducted by City out of any balance of City's Share remaining unpaid to or unearned by Developer. Developer and Surety shall be liable to City for any costs incurred in excess of the balance of City's Share available for the completion and correction of the Work and for any other costs, damages, expenses (including but not limited to additional fees and attorney's fees), and actual damages, as the case may be, incurred as a result of the termination, up to an amount not to exceed the Contract Price.

13.06 City shall not be required to obtain the lowest bid for the Work of completing the Project in accordance with the Construction Documents, but the expenses to be deducted from City's Share shall be the actual cost of such Work and the other damages and City shall use its best efforts to minimize the cost of completing the Work. Notwithstanding the foregoing, City agrees it shall not enter into contracts or incur unreasonable charges to complete the Work and agrees to look first to Surety in all cases to complete the Work, prior to engaging in self-help to remedy any default by Developer hereunder. In case City's costs and damages are less than City's Share, which would have been payable under the Contract if the same had been completed by Developer, then City may pay to Developer or Surety, as appropriate, the difference, provided Developer (or Surety) shall not be entitled to any claim for damages or for loss of anticipated profits. In the event the actual cost for completion and damages exceeds the amount which would have been payable to Developer under the Contract, if the same had been completed by Developer, then Developer or its Surety shall pay the amount of the excess costs to City following receipt of notice from City for the excess amount owed, up to an amount equal to the Contract Price, less City's Share. When only a particular portion of the Work is being completed by City under the provisions of this **Article XIII**, Developer shall continue the remainder of the Work in conformity with the terms of the Agreement and in such manner as not to hinder or interfere with the performance of workmen employed and provided by City.

13.07 Developer's Remedy Following City Default. City acknowledges Developer is entering into this Agreement to construct the Project, relying on City's performance of its obligations hereunder, including the payment of City's Share to Developer. Notwithstanding the provisions under this **Article XIII**, should City fail to make timely payments of City's Share as required under this Agreement and fail to cure such Default in accordance with **Section 13.03** herein, Developer may terminate this Agreement and, upon such termination, shall be entitled to seek all remedies and damages from City permitted under law.

13.08 Limited Remedies of Both Parties. Except for the express remedies set forth above, the Parties agree no other remedies are available in the event of a Default. It expressly is agreed neither Party shall have the right to seek consequential, special or punitive damages against the other for any default under this Agreement.

XIV. INDEMNITY

14.01 Developer covenants and agrees to FULLY INDEMNIFY, and HOLD HARMLESS; City and City's elected officials, agents, employees, officers, directors, officially designated volunteers, and representatives of City individually or collectively, (collectively, the "City Parties") from and against any and all costs, claims, liens, damages, losses, expenses, fees, fines, proceedings, actions, demands, causes of action, liability and suits of any kind and nature, including but not limited to, personal injury, death and property damage (the "Damages") made upon City, arising out of or resulting from Developer's negligent activities or omissions under this Agreement, including any negligent acts or omissions of any agent, officer, director, representative, employee, Consultant, volunteer, Sub-Consultant, licensee, sub-licensee, Contractor or Subcontractor of Developer or Subcontractor of Developer, and their respective officers, agents, employees, directors and representatives, volunteers consultant, (collectively "Developer Parties") while in the exercise of the performance of the rights or duties under this Agreement. THE INDEMNITY PROVIDED FOR IN THE PARAGRAPH SHALL NOT APPLY TO ANY LIABILITY RESULTING FROM THE NEGLIGENCE OF CITY, OR THE CITY PARTIES IN SUCH INSTANCE WHERE SUCH NEGLIGENCE CAUSES PERSONAL INJURY, DEATH OR PROPERTY DAMAGE. IN THE EVENT DEVELOPER AND CITY ARE FOUND JOINTLY LIABLE BY A COURT OF COMPETENT JURISDICTION, LIABILITY SHALL BE APPORTIONED COMPARATIVELY IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS; WITHOUT, HOWEVER, CITY WAIVING ANY GOVERNMENTAL IMMUNITY AVAILABLE TO CITY UNDER TEXAS LAW AND WITHOUT WAIVING ANY DEFENSES OF THE PARTIES UNDER TEXAS LAW.

14.02 The provisions of this INDEMNITY solely are for the benefit of the parties hereto and not intended to create or grant any rights, contractual or otherwise, to any other person or entity. Developer shall promptly advise City in writing within three (3) business days of any claim or demand against City or Developer known to Developer and related to or arising out of Developer's negligent activities or omissions under this Agreement, and shall see to the investigation and defense of such claim or demand at Developer's cost. Notwithstanding any condition imposed by a policy of insurance to which Developer and City are named, City shall retain the right, at its option and at its own expense, to participate in such defense provided by any insurance or self-insurance of Developer under this **Article XIV** without relieving Developer of any of its obligations under this **Article XIV**.

14.03 Environmental Indemnity- Reserved for Negotiation.

XV. INSURANCE

15.01 Prior to the commencement of any work under this Agreement, Developer shall furnish (or cause to be furnished) copies of all required endorsements and an original completed Certificate(s) of Insurance (hereafter referred to as the "Certificate") to City's Public Works (PW) Department, which clearly shall be labeled "**Torian Village Subdivision Project**" in the Description of Operations block of the Certificate. The original Certificate(s) shall be completed by an agent and signed by a person authorized by insurer to bind coverage on its behalf. City will not accept Memorandum of Insurance or Binders as proof of insurance. The original Certificate (s) or form must have the agent's original signature, if agent is authorized to bind the insurance company, including the signer's company affiliation, title and phone number, and be mailed, with copies of all applicable endorsements, directly from the insurer's authorized representative to City. City shall have no duty to pay or perform under this Agreement until such Certificate and endorsements have been received and approved by City's PW Department. No officer or employee, other than the City's Risk Manager, shall have authority to waive this requirement.

15.02 City reserves the right to review the insurance requirements of this **Article XV** during the effective period of this Agreement and any extension or renewal hereof and to modify insurance coverages and their limits when deemed necessary and prudent by City's Risk Manager, based upon changes in statutory law, court decisions, or circumstances surrounding this Agreement. In no instance will City allow modification whereupon City may incur increased risk.

15.03 Developer's financial integrity is of interest to City. Therefore, subject to Developer's right to maintain reasonable deductibles in such amounts as are approved by City, Developer shall obtain and maintain in full force and effect for the duration of this Agreement, and any extension hereof, at Developer's sole expense, insurance coverage written on an occurrence basis, by companies authorized and admitted to do business in the State of Texas and with an A.M. Best's rating of no less than A- (VII), in the following types and for an amount not less than the amount listed on the following table:

INSURANCE	
TYPE	AMOUNTS
1. Workers' Compensation	Statutory
2. Employers' Liability	\$1,000,000/\$1,000,000/\$1,000,000
3. Commercial General Liability Insurance to include coverage for the following: a. Premises/Operations b. Products/Completed Operations c. Personal/Advertising Injury d. Contractual Liability e. Independent Contractors	For Bodily Injury and Property Damage of \$1,000,000 per occurrence; \$2,000,000 General Aggregate, or its equivalent in Umbrella or Excess Liability Coverage

f. Damage to property rented by you g. Explosion, Collapse, Underground Property Hazard Liability	
4. Business Automobile Liability a. Owned leased vehicles b. Non-owned vehicles c. Hired Vehicles	Combined Single Limit for Bodily Injury and Property Damage of \$1,000,000 per occurrence
*5. Professional Liability (Claims-made Coverage)	\$1,000,000 per claim damages by reason of any act, malpractice, error, or omission in the professional service. Coverage to be maintained and in effect for no less than two years subsequent to the completion of the professional service.
6. Umbrella or Excess Liability Coverage	\$1,000,000 per occurrence combined limit Bodily Injury (including death) and Property Damage. (per occurrence limit depends on scope of operation)
7. Environmental Insurance –(Contractor’s Pollution Liability (Claims-made coverage)	\$1,000,000 per occurrence; \$2,000,000 general aggregate for claims associated with hazardous materials, to include spills and mitigation.
8. Employee Dishonesty	\$454,082.00; the limit should reflect the total funding that is given to the contractor.
* if applicable	

15.04 Developer agrees to obtain (or cause to be obtained) all insurance coverages with minimum limits of not less than those limits delineated in **Section 15.03** (Insurance Table) herein from each contractor and provide a Certificate of Insurance and Endorsement naming Developer and City as an additional insured.

15.05 City shall be entitled, upon request and without expense, to receive copies of the policies, declaration page and all endorsements thereto as they apply to the limits required by City, and may require the deletion, revision, or modification of particular policy terms, conditions, limitations or exclusions (except where policy provisions are established by law or regulation binding upon either of the parties hereto or the underwriter of any such policies). Consultant shall be required to comply with any such requests and shall submit a copy of the replacement certificate of insurance

to City at the address provided below within 10 calendar days of the requested change. Developer shall pay any costs incurred resulting from said changes.

City of San Antonio

Attn: Finance Department: Purchasing Division
Construction Services Team
P.O. Box 839966
San Antonio, Texas 78283-3966

15.06 Developer agrees, with respect to the above required insurance, all insurance policies are to contain or be endorsed to contain the following provisions:

- 15.06.01 Name City, its officers, officials, employees, volunteers and elected representatives as additional insureds by endorsement, with respect to operations and activities of, or on behalf of, the named insured performed under contract with City, with the exception of the workers' compensation and professional liability policies;
- 15.06.02 Provide for an endorsement the "other insurance" clause shall not apply to the City of San Antonio where City is an additional insured shown on the policy;
- 15.06.03 Workers' compensation and employers' liability policies will provide a waiver of subrogation in favor of City.
- 15.06.04 Provide thirty (30) calendar days advance written notice directly to City of any suspension, cancellation, non-renewal or material change in coverage, and not less than ten (10) calendar days advance notice for nonpayment of premium.

15.07 Within five (5) calendar days of a suspension, cancellation or non-renewal of coverage, Developer shall provide a replacement Certificate of Insurance and applicable endorsements to City. City shall have the option to stop construction of the Project should there be a lapse in coverage at any time during this Agreement. Failure to provide and to maintain the required insurance shall constitute a material breach of this Agreement.

15.08 Nothing herein contained shall be construed as limiting in any way the extent to which Developer may be held responsible for payments of damages to persons or property resulting from Developer's or its contractors' performance of the work covered under this Agreement.

15.09 It is agreed Developer's insurance shall be deemed primary and noncontributory with respect to any insurance or self-insurance carried by the City of San Antonio for liability arising out of operations under this Agreement.

15.10 It is understood and agreed the insurance required is in addition to and separate from any other obligation contained in this Agreement.

XVI. WARRANTIES

16.01 Developer will design and construct the Project to meet the requirements of City's Unified Development Code (including plat variances permitted by the City's Planning Commission), as provided in Section 2.02 herein, and be constructed in strict compliance with the Construction Documents, subject to change orders and modifications permitted by the Director.

16.02 Representations and Warranties. Developer and City represent, warrant, certify and agree neither this Agreement, nor the Contract Documents, nor any part of the relationship between the parties hereto shall be construed in any way or operate as creating a joint venture, partnership or other business entity between Developer and City.

XVII. NONDISCRIMINATION

As a party to an Agreement with City, Developer understands and agrees to comply with the *Non-Discrimination Policy* of the City of San Antonio contained in Chapter 2, Article X of the City Code and further, shall not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, veteran status, age or disability, unless exempted by state or federal law, or as otherwise established herein. Developer represents and warrants it has complied with City's *Non-Discrimination Policy* throughout the course of this solicitation and Agreement award process and shall continue to comply with said *Non-Discrimination Policy*. As part of said compliance, Developer shall adhere to City's *Non-Discrimination Policy* in the solicitation, selection, hiring or commercial treatment of Consultants, Sub-Consultants, Contractors, Subcontractors, vendors, suppliers or commercial customers, nor shall Developer retaliate against any person for reporting instances of such discrimination. Developer shall provide equal opportunity for Consultants, Sub-Consultants, Contractors, Subcontractors, vendors and suppliers to participate in all of its public sector and private sector sub-consulting and supply opportunities, provided nothing contained in this clause shall prohibit or limit otherwise lawful efforts to remedy the effects of marketplace discrimination which have occurred or are occurring in City's Relevant Marketplace. Developer acknowledges it understands and agrees a material violation of this **Article XVII** shall be considered a material breach of this Agreement and may result in termination of this Agreement, disqualification of Developer from participating in City contracts or other sanctions. This **Article XVII** is not enforceable by or for the benefit of, nor creates any obligation to, any third party. Developer's certification of its compliance with this *Non-Discrimination Policy*, as submitted to City pursuant to the solicitation for this Agreement, is hereby incorporated into the material terms of this Agreement. Developer shall incorporate this clause into each of its Consultant, Sub-Consultant, Contractor, Subcontractor and supplier agreements entered into, pursuant to City agreements/contracts.

XVIII. CONFLICT OF INTEREST

18.01 Developer covenants neither it nor any member of its governing body or of its staff presently has any interest, direct or indirect, which would conflict in any manner or degree with the performance of services required to be performed under this Agreement. Developer further covenants in the performance of this Agreement, no persons having such interest shall be employed or appointed as a member of its governing body or of its staff.

18.02 City further covenants no member of its governing body or of its staff shall possess any interest in, or use their position for a purpose that is or gives the appearance of being motivated by desire for private gain for themselves or others, particularly those with which they have family, business, or other ties.

18.03 No member of City's governing body or of its staff who exercises any function or responsibility in the review or approval of the undertaking or carrying out of this Agreement shall:

18.03.01 Participate in any decision relating to this Agreement which may affect his or her personal interest or the interest of any corporation, partnership, or association in which he or she has a direct or indirect interest;

18.03.02 Have any direct or indirect interest in this Agreement or the proceeds thereof.

XIX. POLITICAL ACTIVITY

None of the activities performed hereunder shall involve, and no portion of the funds received hereunder shall be used, either directly or indirectly, for any political activity including, but not limited to, an activity to further the election or defeat of any candidate for public office or for any activity undertaken to influence the passage, defeat or final content of local, state or federal legislation.

XX. RIGHTS TO PROPOSAL AND CONTRACTUAL MATERIAL

All finished or unfinished reports, documents, data, studies, surveys, charts, drawings, maps, models, photographs, designs, plans, schedules, or other appended documentation to any proposal or contract, and any responses, inquiries, correspondence and related material submitted by Developer pertaining to the Project (but excluding information marked as proprietary or confidential information of Developer, to the extent permitted by law), shall, upon receipt, become the property of City.

XXI. CONTRACTING

21.01 Any work or services subcontracted hereunder shall be subcontracted only by written contract or agreement and, unless specific waiver is granted in writing by City, shall be subject by its terms to each and every provision of this Agreement. Compliance by contractors with this Agreement shall be the responsibility of Developer. Developer is responsible to obtain applicable local, state and federal permits and approvals required for the activities under this Agreement are obtained.

21.02 City shall in no event be obligated to any third party, including any contractor, subcontractor or vendor of Developer, for performance of or payment for work or services.

XXII. CHANGES AND AMENDMENTS

22.01 Except when the terms of this Agreement expressly provide otherwise, any alterations, additions, or deletions to the terms hereof shall only be by amendment in writing executed by both City and Developer under authority granted by formal action of the Parties' respective governing bodies.

22.02 It is understood and agreed by the Parties hereto changes in local, state and federal rules, regulations or laws applicable hereto may occur during the term of this Agreement and any such changes shall be automatically incorporated into this Agreement without written amendment hereto, and shall become a part hereof as of the effective date of the rule, regulation or law.

XXIII. ASSIGNMENTS

Developer shall not transfer, pledge or otherwise assign this Agreement, any interest in and to same, or any claim arising thereunder, without first procuring the written approval of City. Any attempt at transfer, pledge or other assignment shall be void *ab initio* and shall confer no rights upon any third person. Any such assignment, whether voluntary or involuntary, by operation of law, under legal process or proceedings, by receivership, in bankruptcy or otherwise, without the prior written consent of City shall, at City's option, be of no force and effect whatsoever. Any consent to any such assignment or transfer shall not constitute a waiver of any of the restrictions of this Section and the provisions of this Section shall apply to each successive assignment or other transfer hereunder, if any.

XXIV. SEVERABILITY OF PROVISIONS

If any clause or provision of this Agreement is held invalid, illegal or unenforceable under present or future federal, state or local laws, including but not limited to the City Charter, City Code or ordinances of the City of San Antonio, Texas, then and in that event it is the intention of the Parties hereto such invalidity, illegality or unenforceability shall not affect any other clause or provision hereof and the remainder of this Agreement shall be construed as if such invalid, illegal or unenforceable clause or provision was never contained herein; it is also the intention of the Parties hereto in lieu of each clause or provision of this Agreement held to be invalid, illegal, or unenforceable, there be added as a part of the Agreement a clause or provision as similar in terms to such invalid, illegal or unenforceable clause or provision as may be possible, legal, valid and enforceable.

XXV. NON-WAIVER OF PERFORMANCE

25.01 No waiver by either Party of a breach of any of the terms, conditions, covenants or guarantees of this Agreement shall be construed or held to be a waiver of any succeeding or preceding breach of the same or any other term, condition, covenant or guarantee herein contained.

25.02 Any failure of either Party to insist in anyone or more cases upon the strict performance of any of the covenants of this Agreement, or to exercise any option herein contained, shall in no event be construed as a waiver or relinquishment for the future of such covenant or option. In fact, no waiver, change, modification or discharge by either Party hereto of any provision of this Agreement shall be deemed to have been made or shall be effective unless expressed in writing and signed by the Party to be charged.

25.03 No act or omission of either Party shall in any manner impair or prejudice any right, power, privilege, or remedy available to either Party hereunder or by law or in equity, such rights, powers, privileges, or remedies to be always specifically preserved hereby.

25.04 No representative or agent of City may waive the effect of the provisions of this **Article XXV** without formal action from the San Antonio City Council.

XXVI. ENTIRE AGREEMENT

26.01 This Agreement constitutes the final and entire agreement between the Parties hereto and contains all of the terms and conditions agreed upon. No other agreements, oral or otherwise, regarding the subject matter of this Agreement shall be deemed to exist or to bind the Parties hereto unless same be in writing, dated subsequent to the date hereof and duly executed by the Parties.

26.02 The terms of this Agreement are intended to be a final expression of the Parties agreement and may not be contradicted by evidence of any prior or contemporaneous statements, representations, agreements or understandings, whether written or oral. The Parties expressly agree no such statements, representations, agreements or understandings exist. The Parties further intend this Agreement constitutes the complete and exclusive statement of the Parties' intent and no extrinsic evidence may be introduced in any proceeding involving the Contract Documents. No addition to, deletion from, or modification of any term or provision of this Agreement shall be effective unless it is made in a writing signed by the Parties hereto.

XXVII. NOTICES

27.01 For purposes of this Agreement, all official communications and notices among the Parties shall be deemed sufficient if in writing and mailed, registered or certified mail, postage prepaid, to the addresses set forth below:

CITY: Director
Public Works Department
City of San Antonio
P.O. Box 839966
San Antonio, Texas 78283-3966

DEVELOPER: Lennar Homes of Texas Land and Construction LTD
100 NE Loop 410, Suite 1155
San Antonio, TX 78216

27.02 Notice of change of address by either Party must be made in writing and mailed to the other Party's last known address within five (5) calendar days of such change.

27.03 Any communication so addressed and mailed shall be deemed to be given on the earliest of:

27.03.1 when actually received or delivered;

27.03.2 when proof of return of certified mail is received; or

27.03.3 on the first business day after deposit with an overnight air courier service, if proof to the address of the intended addressee is provided. A change of address may be given by written notice, as provided herein

XXVIII. MISCELLANEOUS

28.01 Conflicts Between Documents. In the event of any conflict between the Exhibits hereto and the terms and provisions of this Agreement, the terms and provisions of this Agreement shall control.

28.02 Waiver. It is understood and acknowledged City exercises no control over the means of accomplishing the Work. No approval by City shall impose any liability on City for any risk or damage to persons or property or the City Property or shall imply or guarantee any drainage implications or the operation of the drainage facilities to the parties, any other party or otherwise.

28.03 Third Party Beneficiaries. There shall be no third party beneficiaries to this Agreement.

28.04 Counterparts. The Contract Documents may be executed in counterparts, each of which shall be deemed an original and together shall constitute a single instrument.

28.05 Force Majeure. In the event Developer or City is unable in whole or in part by force majeure to carry out any covenant, agreement, obligation or undertaking to be kept or performed under this Agreement, the time for the performance of such covenant, agreement, obligation or undertaking so delayed shall be extended for the period of such delay, and such default shall be remedied with all reasonable dispatch. The term "force majeure" as employed in this section shall include acts of God, (i.e. Fire, flood, natural disasters) and permit and government-caused delays, by Endangered Species Act, or Army Corps of Engineers review, acts of terrorism, strikes, lockouts, or other industrial disturbances, acts of a public enemy, war, blockades, riots, epidemics, earthquakes, explosions, accidents, or repairs to machinery or pipes, the delays of carriers, or inability by reason of governmental regulation to obtain materials, acts of public authorities, or other causes, whether or not of the same kind as specifically enumerated, not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to overcome. If the Developer suffers any event of "force majeure", such event shall likewise constitute force majeure with respect to Developer.

XXIX. PARTIES BOUND

This Agreement shall be binding on and inure to the benefit of the Parties hereto and their respective successors and assigns, except as otherwise expressly provided herein.

XXX. RELATIONSHIP OF PARTIES

Nothing contained herein shall be deemed or construed by the Parties hereto, or by any third party, as creating the relationship of principal and agent, partners, joint venturers or any other similar such relationship between the Parties hereto.

XXXI. TEXAS LAW TO APPLY

This Agreement shall be construed under and in accordance with the laws of the State of Texas, and all obligations of the Parties created hereunder are performable in Bexar County, Texas. Exclusive venue shall lie in Bexar County, Texas.

XXXII. GENDER

Words of any gender used in this Agreement shall be held and construed to include any other gender, and words in the singular number shall be held to include the plural, unless the context otherwise requires.

XXXIII. CAPTIONS

The captions contained in this Agreement are for convenience of reference only, and in no way limit or enlarge the terms and/or conditions of this Agreement.

XXXIV. LEGAL AUTHORITY

34.01 The person executing this Agreement for City represents, warrants, assures, and guarantees he/she possesses the legal authority, pursuant to any proper, appropriate and official motion, resolution or action passed or taken, to enter into this Agreement and to perform the responsibilities herein required.

34.02 The signer of this Agreement for Developer represents, warrants, assures and guarantees he/she has full legal authority to execute this Agreement on behalf of Developer and to bind Developer to all terms, performances and provisions herein contained.

EXECUTED IN DUPLICATE ORIGINALS, each of which shall have the full force and effect of an original this the _____ day of _____, 20_____.

CITY OF SAN ANTONIO

By: _____
Roderick Sanchez
Assistant City Manager

DEVELOPER
LENNAR HOMES OF TEXAS LAND AND CONSTRUCTION, LTD., a Texas limited partnership. By: U.S. Home LLC, a Delaware limited liability company (as successor-in-interest by conversion from U.S. Home Corporation, a Delaware corporation), its General Partner

DocuSigned by:
By: Richard Mott
904C110AE8D14AF
Name: Richard Mott
Title: Authorized Agent

APPROVED AS TO FORM:

CITY ATTORNEY

EXHIBIT A

DESCRIPTION OF PROJECT

Project Description:

Construction of a concrete drainage channel on the southern and eastern perimeter of Torian Village, Unit 3 and embankment of soils to elevate property out of the 100-year floodplain.

EXHIBIT A-1
SCOPE OF PROJECT

SLICK RANCH CREEK DRAINAGE IMPROVEMENTS - DRAIN "B"

SAN ANTONIO, TEXAS

CIVIL CONSTRUCTION PLANS



LOCATION MAP
NOT-TO-SCALE

PREPARED FOR:
LENNAR HOMES OF TEXAS, INC
1922 DRY CREEK WAY, SUITE 101
SAN ANTONIO, TEXAS 78259

NOVEMBER 2021

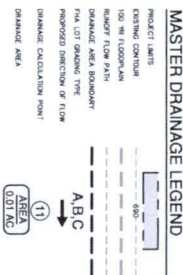
**PAPE-DAWSON
ENGINEERS**

SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78215 | 210.375.9100
TSP# FIRM REGISTRATION #470 | TSP#S FIRM REGISTRATION #1008880



Sheet List Table

Sheet Title	Sheet Number
COVER SHEET	C0.00
MASTER DRAINAGE PLAN (ULTIMATE CONDITIONS)	C1.00
MASTER DRAINAGE PLAN (PROPOSED CONDITIONS)	C1.00A
DRAIN B PLAN & PROFILE (STA. 1+40.00 TO 5+60.00)	C1.01
DRAIN B PLAN & PROFILE (STA. 5+60.00 TO 10+00.00)	C1.02
DRAIN B PLAN & PROFILE (STA. 10+00.00 TO 14+40.00)	C1.03
DRAIN B PLAN & PROFILE (STA. 14+40.00 TO 18+80.00)	C1.04
DRAIN B PLAN & PROFILE (STA. 18+80.00 TO 23+20.00)	C1.05
DRAIN B PLAN & PROFILE (STA. 23+20.00 TO 27+60.00)	C1.06
DRAIN B PLAN & PROFILE (STA. 27+60.00 TO 30+84.78)	C1.07
DRAIN B DETAILS	C1.08
DRAINAGE DETAILS	C1.09
DRAINAGE DETAILS	C1.10
DRAINAGE DETAILS	C1.11
OVERALL GRADING PLAN	C2.00
STORMWATER POLLUTION PREVENTION PLAN	C3.00
STORMWATER POLLUTION PREVENTION DETAILS	C3.01

[illegible]

$\eta = 1.400 \times 10^{-3}$

D: For Default $v = 0$ fps



MASTER DRAINAGE LEGEND

PROJECT LIMITS

EXISTING CONDUIT

100 MG FLOODPLAIN

BULWART FLOW PATH

DRAINAGE AREA BOUNDARY

AREA LOT DRAINAGE TYPE

PROPOSED DIRECTION OF FLOW

DRAINAGE CALCULATION POINT

DRAINAGE AREA

AREA
0.01 AC

600'

A.B.C.

AREA
0.01 AC

MASTER DRAINAGE PLAN (PROPOSED CONDITIONS)

SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 416 | SAN ANTONIO, TX 78213 | 210.375.9000
WWW.HUMPHREYS-OWENS.COM • E-MAIL: SALES@HUMPHREYS-OWENS.COM

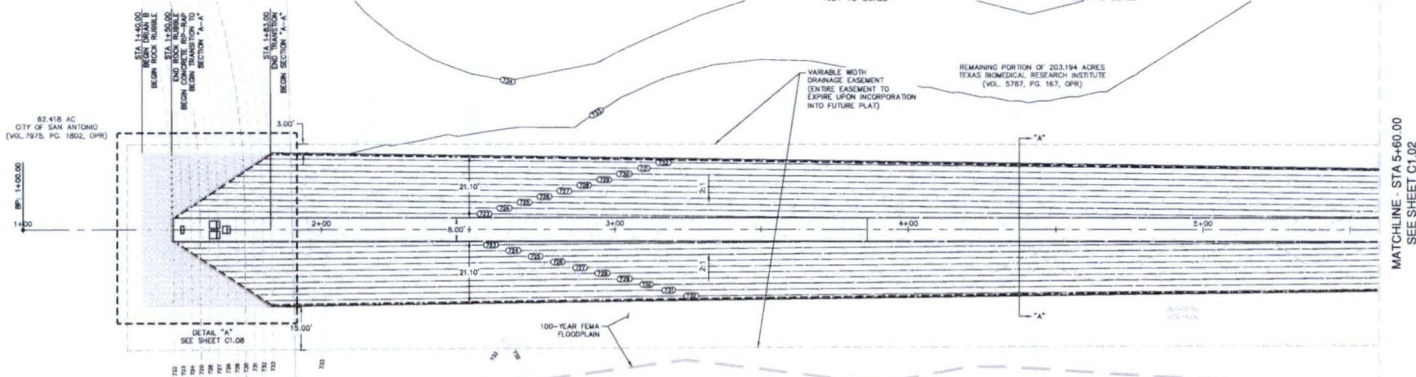
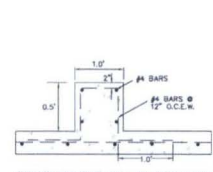
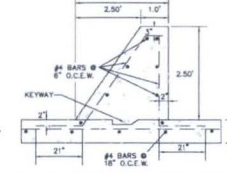
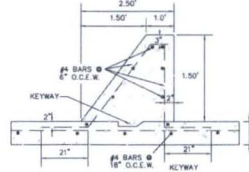
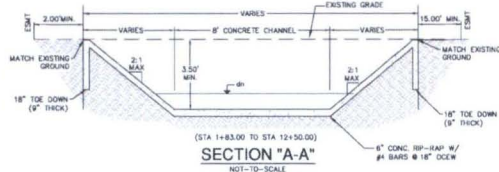
TAMPE FIRM REGISTRATION #4710 / TEMPLS FIRM REGISTRATION #10028900

PLAT NO. _____
JOB NO. 11501-09
DATE AUGUST 2021
DESIGNER JC
CHECKED DW DRAWN TO
SHEET C1.00A

[illegible]

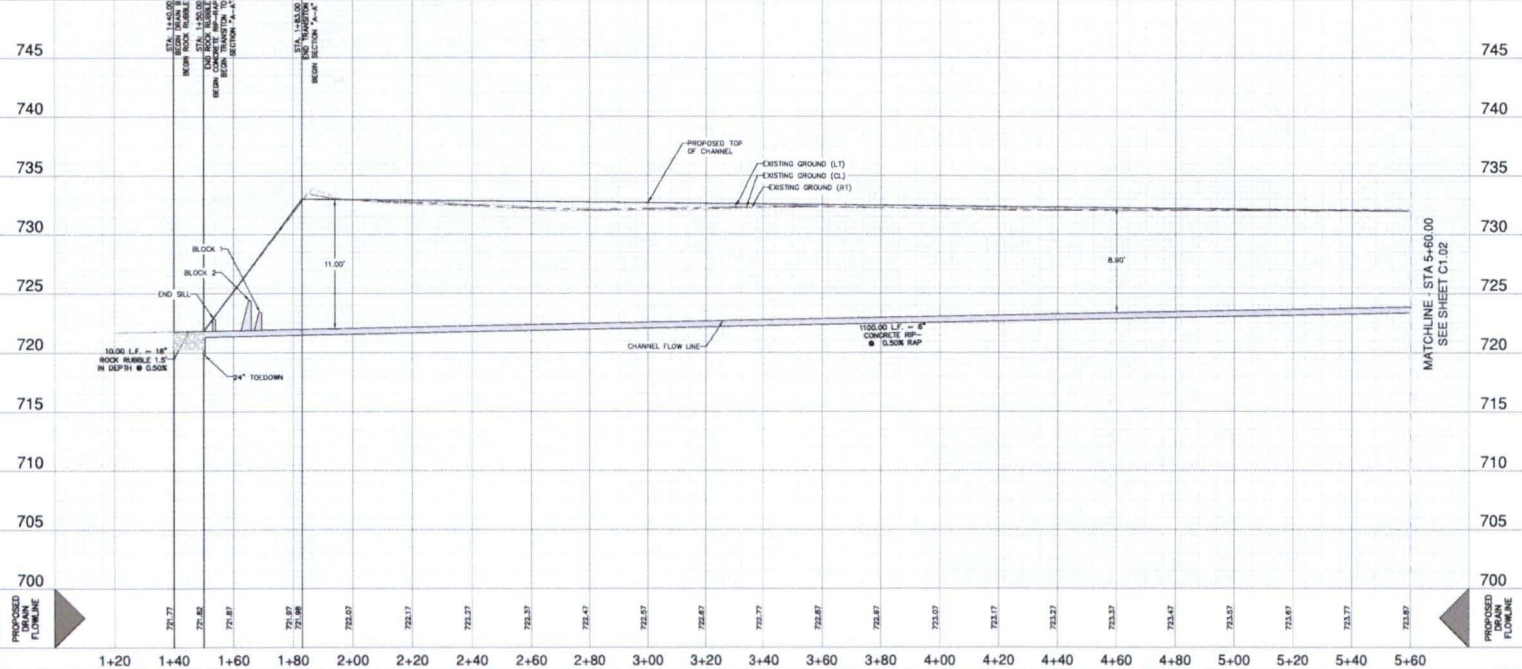
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HYDRAULIC CALCULATIONS - DRAIN "B"			
STATION	1+50.00 - 1+83.00	1+83.00 - 12+50.00	
Q25	405.0 cfs	405.0 cfs	
SECTION	TRANSITION	"A-A"	
Bw	8.00'	8.00'	
n	0.015	0.015	
S used	0.50%	0.50%	
Dn	2.81'	2.81'	
Dn/Floodboard	3.31'	3.31'	
Vn	10.58 fps	10.58 fps	



DRAIN "B"
STA 1+40.00 TO 5+60.00

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 20'



DRAINAGE & GRADING NOTES:

- A SEAN COUNTY ROW PERMIT MUST BE OBTAINED BEFORE WORKING IN SEAN COUNTY ROW. CONTRACTOR SHALL COORDINATE A TRAFFIC CONTROL PLAN FOR ALL WORK WITHIN THE ROW. ADDITIONAL WARNING SIGNS MAY BE RECOMMENDED BY THE ENGINEER ONCE THE ROADWAYS ARE CONSTRUCTED.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL UTILITIES AND DRAINAGE STRUCTURES WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES PRIOR TO CONSTRUCTION TO VERIFY SIZE, GRADE, AND LOCATION. THE CONTRACTOR SHALL NOTIFY THE TOWNSHIP IMMEDIATELY OF ANY DEVIATIONS FROM PLANS PRIOR TO BEGINNING CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR, AT HIS EXPENSE.
- ALL CONCRETE FOR TYPED DRAINAGE STRUCTURES SHALL MEET TYPED SPECIFICATIONS. ALL OTHER CONCRETE SHALL BE CLASS "A" 3000 PSI CYLINDER STRENGTH IN 28 DAYS.
- REFERENCE DRAINAGE DETAILS FOR PIPE TRENCH DETAILS, BOX CULVERT, HEADWALL, AND WINGWALL CONSTRUCTION DETAILS, AND BOX CULVERT BEDDING AND EXCAVATION LIMITS.
- CONTRACTOR SHALL GROUT ALL CURB INLETS AND JUNCTION BOXES TO PROVIDE FOR POSITIVE DRAINAGE.
- EARTHEN CHANNELS WILL BE VEGETATED BY SEEDING OR SOILING. SIDES OF THE CHANNEL SURFACE MUST HAVE ESTABLISHED VEGETATION BEFORE THE CITY OF SAN ANTONIO WILL ACCEPT.
- CONTRACTOR SHALL MATCH TOP OF CHANNEL TO NATURAL GROUND AND MAINTAIN A MINIMUM CHANNEL DEPTH OF 2' AS SHOWN IN THE PROFILE.

TRENCH EXCAVATION SAFETY PROTECTION:

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/ GEOTECHNICAL/ SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

CAUTION!!

CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITING TO: WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING, ELECTRIC, SECONDARY ELECTRIC, PRIMARY ELECTRICAL, DUCTBANKS, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES. ANY UTILITY CONFLICTS THAT ARISE SHOULD BE COMMUNICATED TO THE ENGINEER IMMEDIATELY AND PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT 1-800-878-7878 A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. DAMAGE TO EXISTING UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND THE REPAIR SHALL BE AT CONTRACTOR'S SOLE EXPENSE WHETHER THE UTILITY IS SHOWN ON THESE PLANS OR NOT.

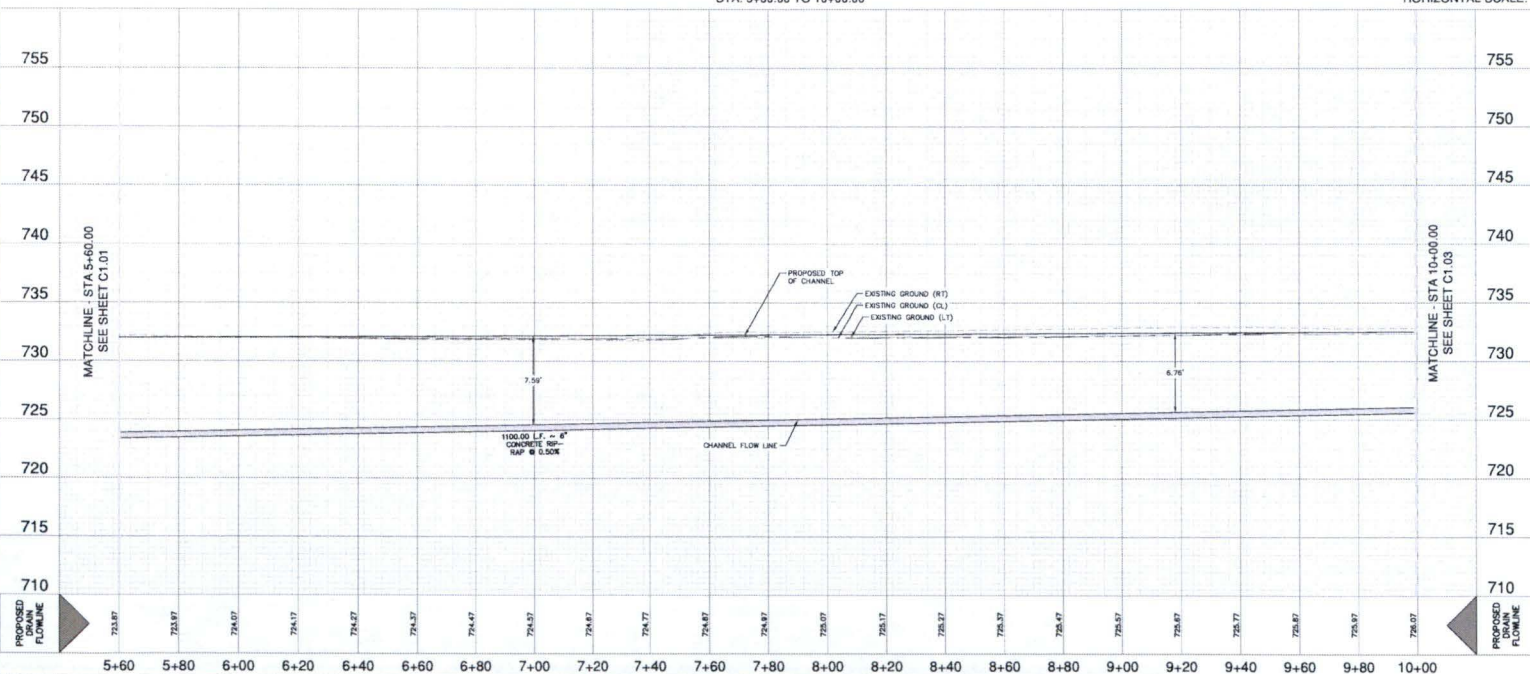
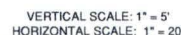
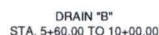
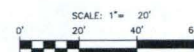
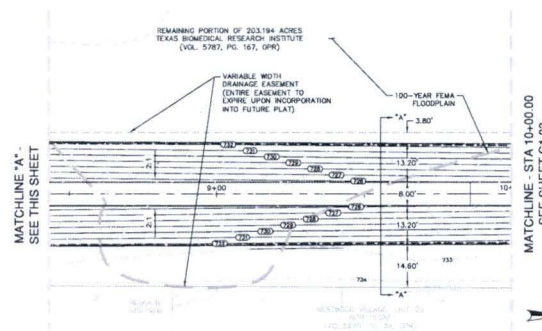
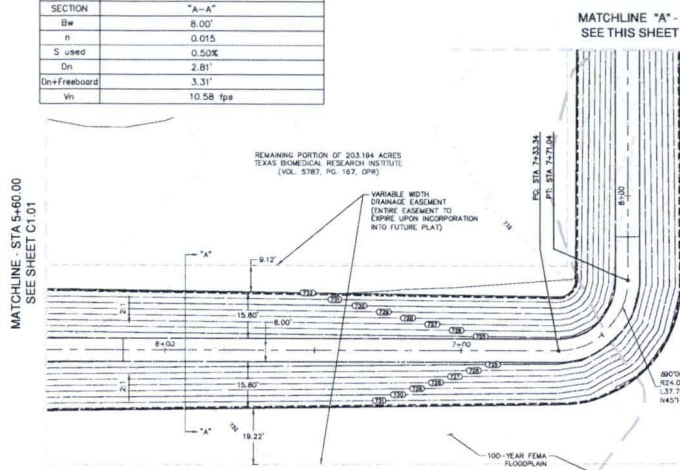
**SLICK RANCH CREEK DRAINAGE
IMPROVEMENTS - DRAIN "B"
SAN ANTONIO, TEXAS
RAIN B PLAN & PROFILE**

PLAT NO. 11500-08
JOB NO. 11500-08
DATE AUGUST 2021
DESIGNER JC
CHECKED DW, DRAMIN, TC
SHEET C1.01



Drawn: 02/02/2021, 1:30pm, User: JC, Project: Slick Ranch Creek Drainage Improvements - Drain B Plan & Profile
Scale: 1" = 20' Horizontal, 1" = 5' Vertical
This drawing is not to be used for any other project without the written consent of the engineer. It is the property of the engineer and shall not be reproduced or transmitted in any form or by any means electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the engineer.
The engineer warrants that the design was prepared in accordance with the applicable standards and specifications of the State of Texas and the Federal Highway Administration. The engineer does not warrant that the design is free from errors or omissions. The engineer shall not be responsible for any damage to property or persons resulting from the use of this design, whether or not the damage was caused in whole or in part by the negligence of the engineer or any other person.
The engineer shall not be responsible for any damage to property or persons resulting from the use of this design, whether or not the damage was caused in whole or in part by the negligence of the engineer or any other person.

Diagram illustrating a cross-section of a concrete channel. The channel is 8' wide at the top and has a 3.5' minimum depth. The top slab is 2.00' thick. The channel is shown with existing ground on either side, with a 15' toe down (9" thick) on the right side. The diagram is labeled "SECTION A-A" and "NOT TO SCALE".



1. A BEACON CROWN OR POINT MUST BE OBTAINED BEFORE WORKING BEGINS. THE BEACON SHALL BE SET BY THE CONTRACTOR IN ACCORDANCE WITH THE CONTROL PLAN FOR ALL WORK WITHIN THE ROAD. ADDITIONAL WAKES SHALL BE ESTABLISHED BY THE ENGINEER DURING THE ROADWAY RECONSTRUCTION.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING EXISTING UTILITIES AND FOR PROTECTING THEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHOWING ON THE PLANS OR NOT THE CONTRACTOR SHALL UNCOVER ANY UTILITIES PRIOR TO THE FIRST CUT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY UTILITIES LOCATED PRIOR TO THE FIRST CUT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ANY DAMAGE TO EXISTING UTILITIES. WHETHER SHOWN OR NOT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF UTILITIES TO REMAIN. AT HIS EXPENSE.
3. ALL CONCRETE FOR TPOD TRUNKS STRUCTURES SHALL BE CAST AT 3000 PSI. ALL OTHER CONCRETE STRUCTURES SHALL BE CAST AT 2000 PSI. CURED IN 28 DAYS.
4. REFERENCE DRAWING DETAILS FOR PIPE TRENCH DETAILS, AND FOR CULVERT DETAILS. THE CONTRACTOR SHALL PROVIDE TRENCH DETAILS, AND BIG CULVERT BEDDING AND EXCAVATION DETAILS.
5. CONTRACTOR SHALL CROST ALL CURB BELTS AND ANCHOR BELTS TO PROVIDE POSITIVE DRAINAGE TO THE DRAINAGE DITCHES.
6. EARTH CHANNELS WILL BE VEGETATED BY SEEDING OR SOGDON. THE TOP OF THE CHANNELS SURFACE MUST HAVE ESTABLISHED VEGETATION. THE SEEDING OF SAN JOSE GRASS SHALL BE 100%.
7. CONTRACTOR SHALL WATCH TOP OF CHANNEL TO NATURAL GROUND.

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEES OR STRUCTURAL DESIGN, GEOTECHNICAL/ SAFETY/EQUIPMENT CONSULTANTS, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA AND ADVISE THE CONTRACTOR OF ANY CONCERNS FOR EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND /OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY. THE CONTRACTOR SHALL EMPLOY A TRENCH SHIELDER OR SHIELD FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE, OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM THAT INCLUDES THE FOLLOWING: PREVENTING AND CONTROLLING THE ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATIONS.

CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITING TO: WATER, SEWER, TELEPHONE AIR FIBER OPTIC LINES, SITE LIGHTING ELECTRIC, SECONDARY ELECTRIC, PRIMARY ELECTRICAL DUCTBANKS, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES. ANY UTILITY CONFLICTS THAT ARISE SHOULD BE COMMUNICATED TO THE ENGINEER IMMEDIATELY AND PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT 1-800-DIG-TESS A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND THE REPAIR SHALL BE AT CONTRACTOR'S SOLE EXPENSE WHETHER THE UTILITY IS SHOWN

2.00' MIN. 13.50' 8.00' VARIES 15.00' MIN. 2.00' 2.00' 4.50' MIN. 3:1 MAX 7.00' MATCH EXIST GROUND

EXIST

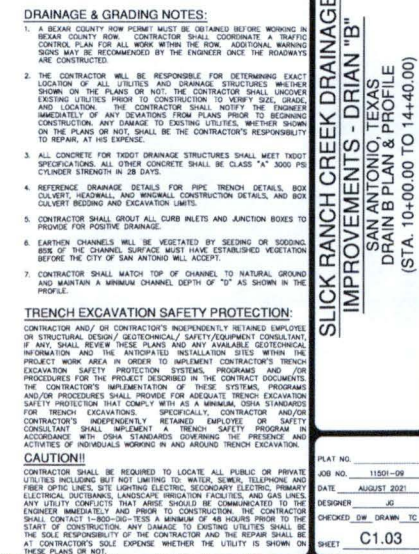
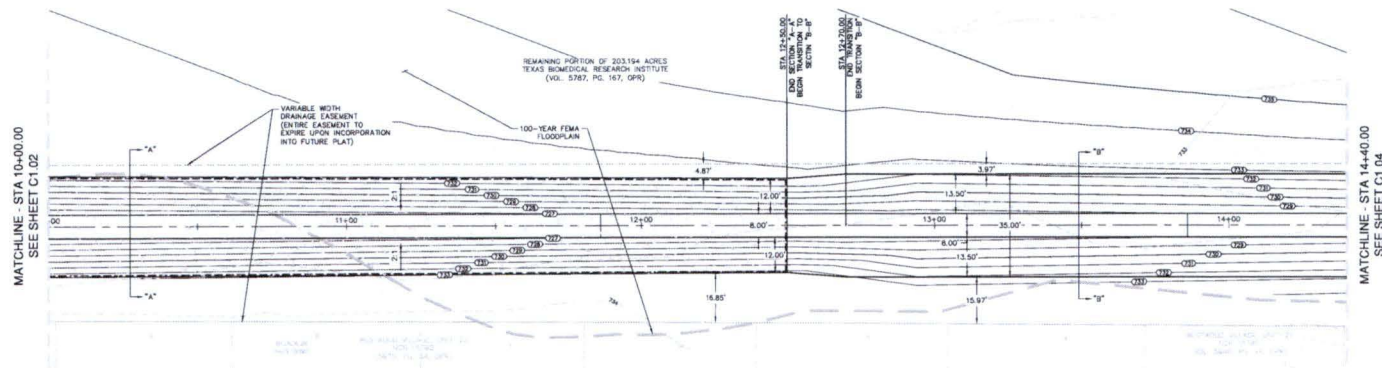
EXISTING GRADE

PROPOSED EARTHEN CHANNEL

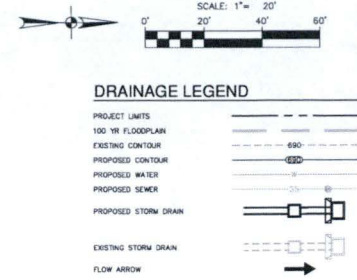
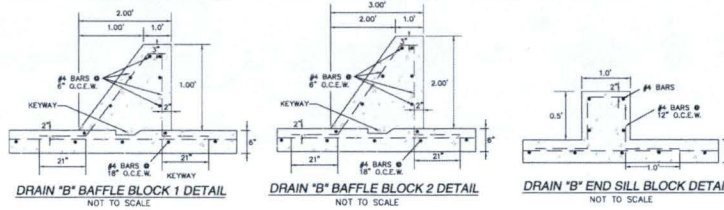
(STA 12+70.00 TO STA 15+24.84)
(STA 16+50.00 TO STA 20+17.50)

SECTION "B-B"

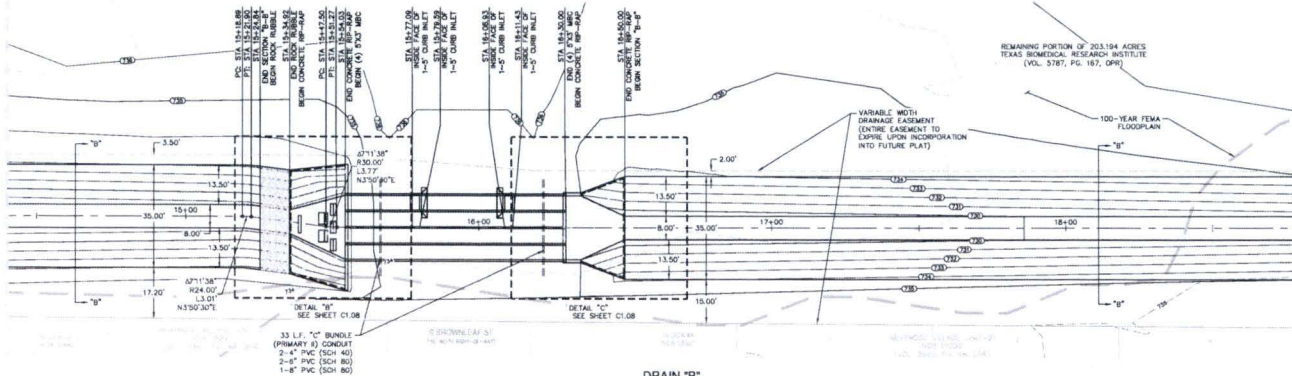
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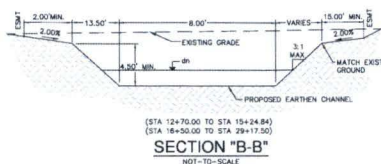
HYDRAULIC CALCULATIONS - DRAIN "B"							
STATION	12+70.00 - 15+24.84	15+24.84 - 15+34.92	15+34.92 - 15+54.03	15+54.03 - 16+30.00	16+30.00 - 16+50.00	16+50.00 - 29+17.50	
Q25	405.0 cfs	387.0 cfs	387.0 cfs	387.0 cfs	387.0 cfs	387.0 cfs	
SECTION	7'-0"	8'-0"	8'-0"	8'-0"	8'-0"	7'-0"	
Bw	8.00'	8.00'	8.00'	8.00'	8.00'	8.00'	
n	0.035	0.035	0.035	0.035	0.035	0.035	
S used	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	
On	3.89'	3.81'	2.54'	2.54'	3.81'	3.81'	
On+Freeboard	4.39'	4.31'	3.04'	3.04'	4.31'	4.31'	
Vh	5.29 fps	5.23 fps	9.75 fps	9.75 fps	5.23 fps	5.23 fps	



MATCHLINE - STA 14+40.00
SEE SHEET C1.03



MATCHLINE - STA 18+80.00
SEE SHEET C1.05



VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 20'

DRAIN "B"
STA 14+40.00 TO 18+80.00

DRAINAGE & GRADING NOTES:

1. A BEAR COUNTY ROW PERMIT MUST BE OBTAINED BEFORE WORKING IN BEAR COUNTY ROW. CONTRACTOR SHALL COORDINATE A TRAFFIC CONTROL PLAN FOR ALL WORK WITHIN THE ROW. ADDITIONAL WARNING SIGNS MAY BE RECOMMENDED BY THE ENGINEER ONCE THE ROADWAYS ARE CONSTRUCTED.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL UTILITIES AND DRAINAGE STRUCTURES WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES PRIOR TO CONSTRUCTION TO VERIFY SIZE, GRADE, AND LOCATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DEVIATIONS FROM PLANS PRIOR TO BEGINNING CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AT HIS EXPENSE.
3. ALL CONCRETE FOR TROTTOIR DRAINAGE STRUCTURES SHALL MEET TROTTOIR SPECIFICATIONS. ALL OTHER CONCRETE SHALL BE CLASS "A" 3000 PSI CYLINDER STRENGTH IN 28 DAYS.
4. REFERENCE DRAINAGE DETAILS FOR PIPE TRENCH DETAILS, BOX CULVERT, GEOROLL, AND MINORAL CONSTRUCTION DETAILS, AND BOX CULVERT BEDDING AND EXCAVATION LIMITS.
5. CONTRACTOR SHALL GROUT ALL CURB INLETS AND JUNCTION BOXES TO PROVIDE FOR POSITIVE DRAINAGE.
6. EARTHEN CHANNELS WILL BE VEGETATED BY SEEDING OR SOODING. BOX OF THE CHANNEL SURFACE MUST HAVE ESTABLISHED VEGETATION BEFORE THE CITY OF SAN ANTONIO WILL ACCEPT.
7. CONTRACTOR SHALL MATCH TOP OF CHANNEL TO NATURAL GROUND AND MAINTAIN A MINIMUM CHANNEL DEPTH OF "0" AS SHOWN IN THE PROFILE.

TRENCH EXCAVATION SAFETY PROTECTION:

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS, AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS, AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH A MINIMUM OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

CAUTION!!

CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITING TO: WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES. SITE LIGHTING, ELECTRICAL, SECONDARY PRIMARY ELECTRICAL, DUCTWORK, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES SHALL BE LOCATED PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL PROTECT ALL UTILITIES AND AVOID DAMAGE TO UTILITIES. COMMENCING THE START OF CONSTRUCTION, ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND THE REPAIR SHALL BE AT CONTRACTOR'S SOLE EXPENSE WHETHER THE UTILITY IS SHOWN ON THESE PLANS OR NOT.

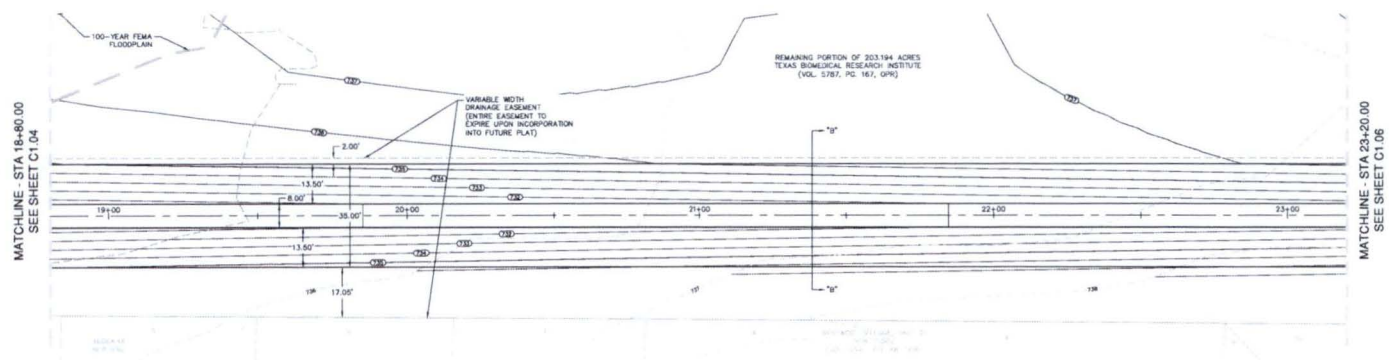
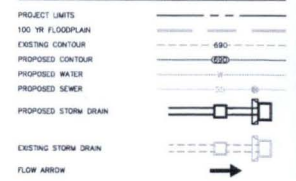
SLICK RANCH CREEK DRAINAGE
IMPROVEMENTS - DRAIN "B"
SAN ANTONIO, TEXAS
DRAIN B PLAN & PROFILE
(00+80.00 TO 18+80.00)

PLAT NO. 11501-08
JOB NO. 11501-08
DATE: AUGUST 2021
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
SHEET C1.04

HYDRAULIC CALCULATIONS - DRAIN "B"	
STATION	16+50.00 - 29+17.50
Q25	387.0 cfs
SECTION	75'-0"
Bw	8.00'
n	0.035
S used	0.50%
Dn	3.81'
Dn+freeboard	4.31'
Vn	5.23 fps

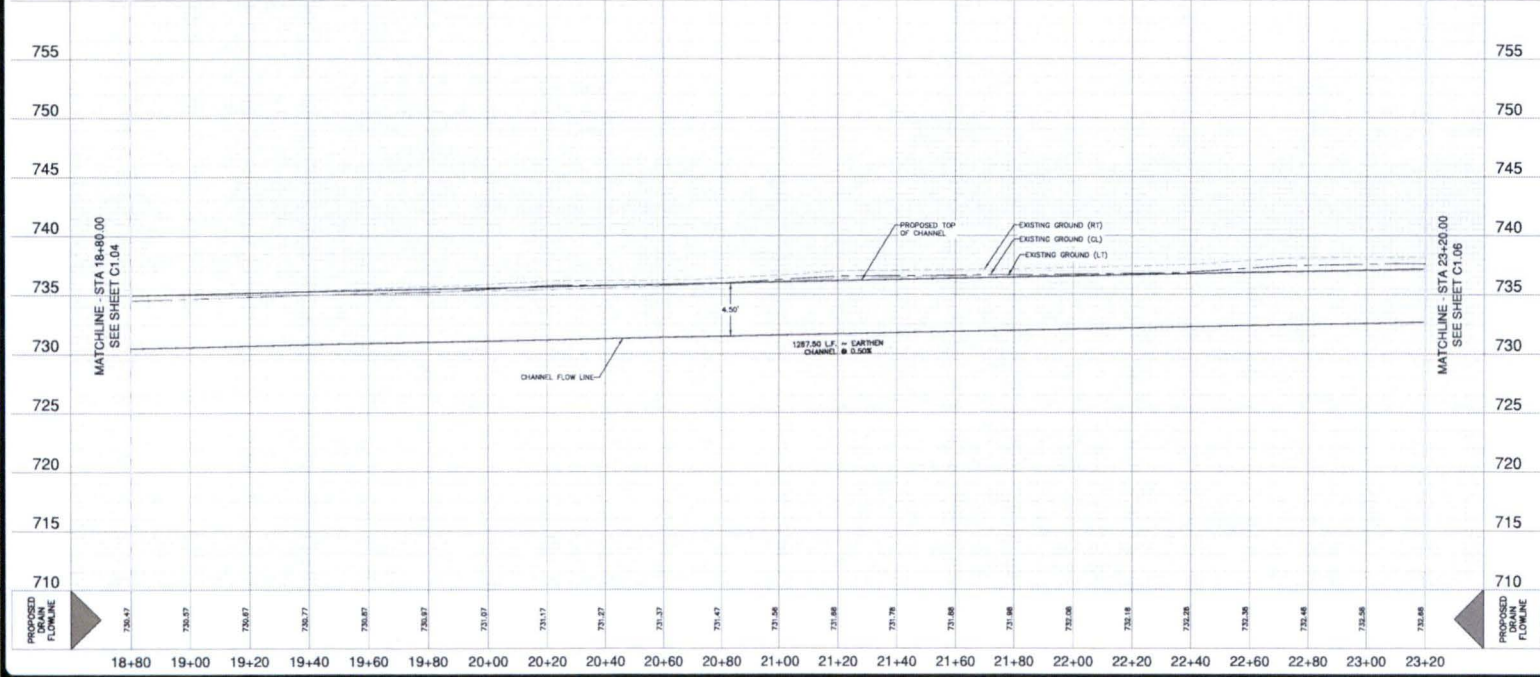


DRAINAGE LEGEND



DRAIN "B"
STA. 18+80.00 TO 23+20.00

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 20'



DRAINAGE & GRADING NOTES:

1. A BEAR COUNTY ROW POINT MUST BE OBTAINED BEFORE WORKING IN BEAR COUNTY ROW. CONTRACTOR SHALL COORDINATE A TRAFFIC CONTROL PLAN FOR ALL WORK WITHIN THE ROW. ADDITIONAL WARNING SIGNS MAY BE RECOMMENDED BY THE ENGINEER ONCE THE ROADWAYS ARE CONSTRUCTED.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL UTILITIES AND DRAINAGE STRUCTURES WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES PRIOR TO CONSTRUCTION TO VERIFY SIZE, DEPTH AND LOCATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DEVIATIONS FROM PLANS PRIOR TO BEGINNING CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR, AT HIS EXPENSE.
3. ALL CONCRETE FOR TRENCH DRAINAGE STRUCTURES SHALL MEET TYPICAL SPECIFICATIONS. ALL OTHER CONCRETE SHALL BE CLASS "A" 3000 PSI CYLINDER STRENGTH IN 28 DAYS.
4. RETENTION DRAINAGE DETAILS FOR PIPE TRENCH DETAILS, BOX CULVERT HEADWALL AND BRICKMALL CONSTRUCTION DETAILS, AND BOX CULVERT ENDING AND EXCAVATION LIMITS.
5. CONTRACTOR SHALL GROUT ALL CURB SIDES AND JUNCTION BOXES TO PROVIDE FOR POSITIVE DRAINAGE.
6. EARTHEN CHANNELS WILL BE VEGETATED BY SEEDING OR SOILING. SOIL OF THE CHANNEL SURFACE MUST HAVE ESTABLISHED VEGETATION BEFORE THE CITY OF SAN ANTONIO WILL ACCEPT.
7. CONTRACTOR SHALL MATCH TOP OF CHANNEL TO NATURAL GROUND AND MAINTAIN A MINIMUM CHANNEL DEPTH OF 10" AS SHOWN IN THE PROFILE.

TRENCH EXCAVATION SAFETY PROTECTION:

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEES OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, THE CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEES OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

CAUTION:

CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITED TO WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING, ELECTRIC, SECONDARY ELECTRIC, PRIMARY ELECTRICAL, DRAINAGE, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES. ANY UTILITY CONFLICTS THAT ARE SHOWN OR DETERMINED BY THE ENGINEER IMMEDIATELY AND PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT 1-800-4-A-ENGINEER A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND THE REPAIR AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION. AT CONTRACTOR'S SOLE EXPENSE WHETHER THE UTILITY IS SHOWN ON THESE PLANS OR NOT.

SLICK RANCH CREEK DRAINAGE
IMPROVEMENTS - DRAIN "B"
SAN ANTONIO, TEXAS
DRAIN B PLAN & PROFILE
(STA. 18+80.00 TO 23+20.00)

PLAN NO.	
JOB NO.	115501-08
DATE	AUGUST 2021
DESIGNER	JL
CHECKED	OW, DRAWN, TC
SHEET	C1.05

1

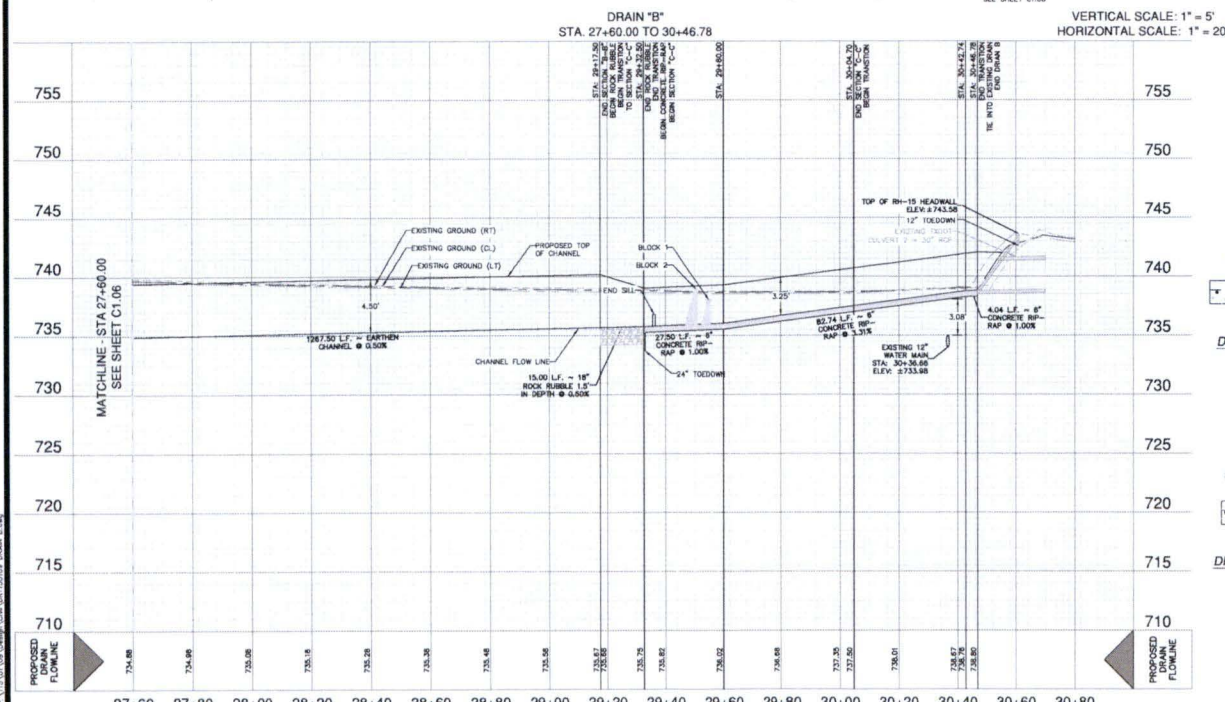
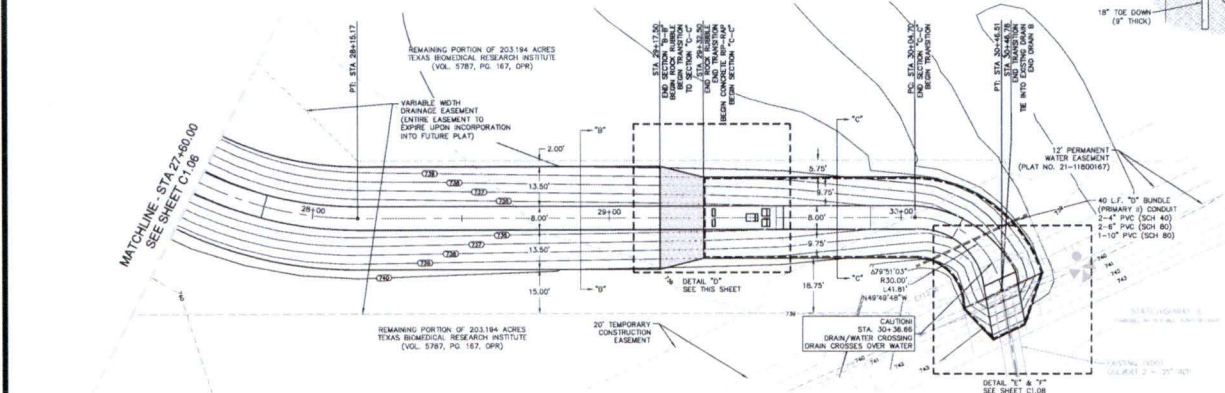
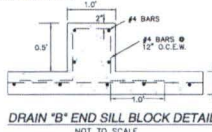
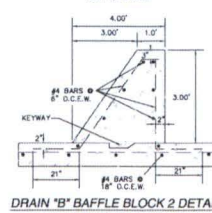
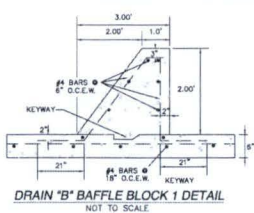
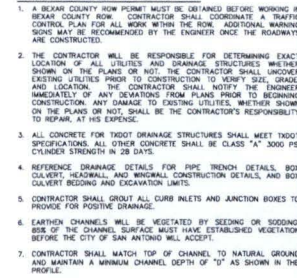
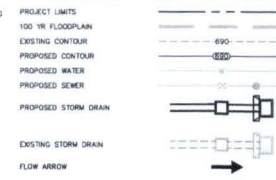
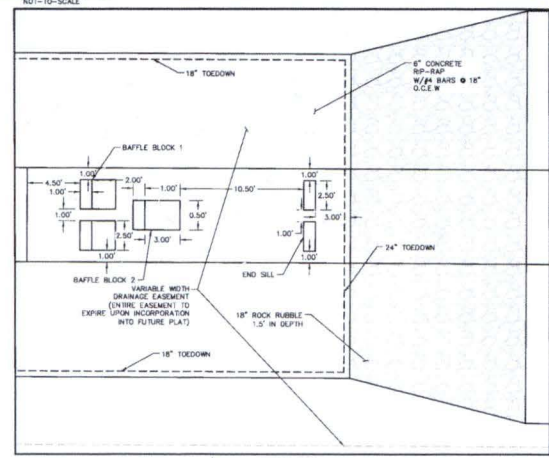
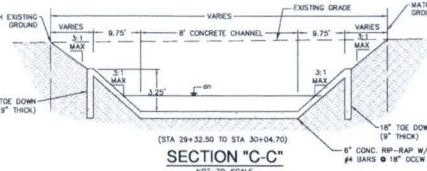
2.00' MIN. VARIES 8.00' VARIES 15.00' MIN. 7.00% 7.00% 4.50' MIN. 3.1' MAX. PROPOSED EARTHEN CHANNEL

(STA 12+70.00 TO STA 15+24.84)
(STA 16+50.00 TO STA 29+58.00)

SECTION "B-B"

NOT TO SCALE

MATCH EXISTING



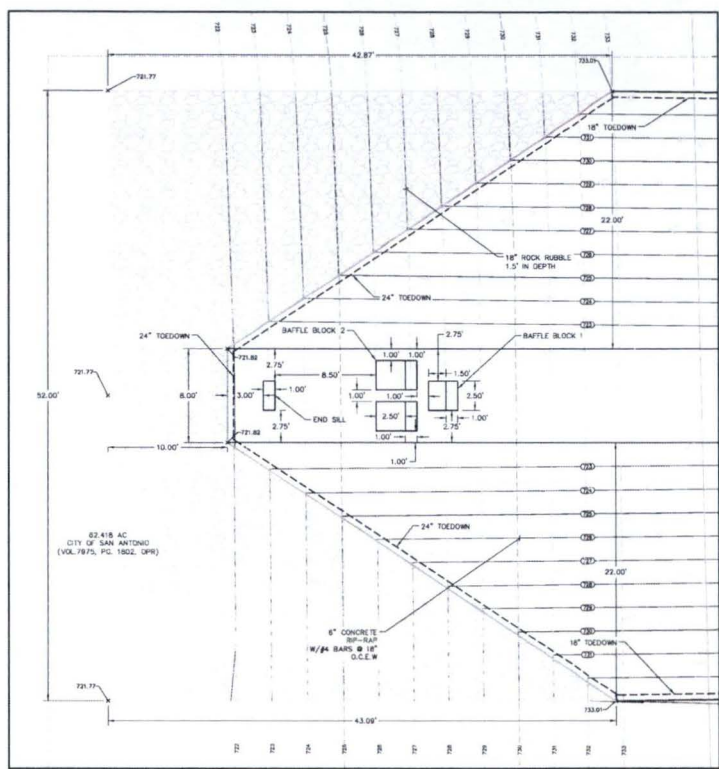
NO.	REVISION	DATE



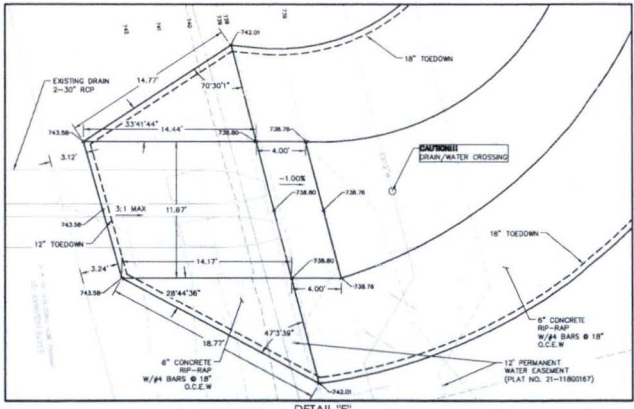
**PAPE-DAWSON
ENGINEERS**
REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS
LICENSE NO. 112792
EXPIRATION DATE 12/31/2024
OFFICE: 11000 N. LOOP WEST, SUITE 100, DALLAS, TEXAS 75243
PHONE: (214) 343-1100
FAX: (214) 343-1101
WWW.PAPE-DAWSON.COM

**SLICK RANCH CREEK DRAINAGE
IMPROVEMENTS - DRAIN "B"
DRAIN B DETAILS**

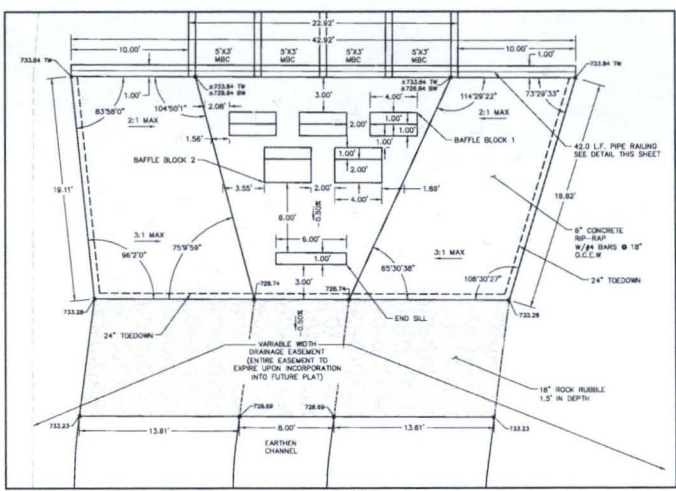
PLAT NO. 11501-09
JOB NO. 11501-09
DATE: AUGUST 2021
DESIGNED BY: JG
CHECKED BY: JG
SHEET C1.08



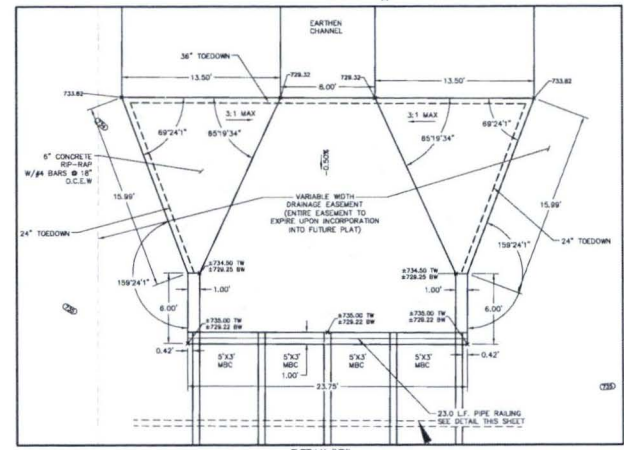
DETAIL "A"
SCALE: 1" = 8'



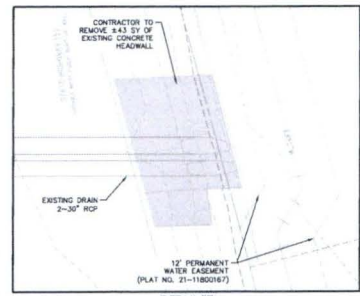
DETAIL "E"
SCALE: 1" = 8'



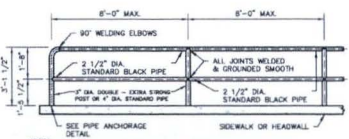
DETAIL "B"
SCALE: 1" = 8'



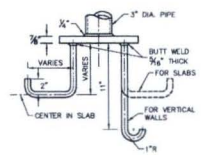
DETAIL "C"
SCALE: 1" = 8'



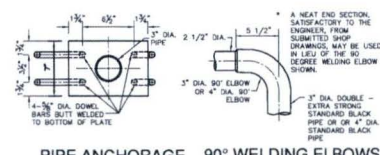
DETAIL "F"
SCALE: 1" = 8'



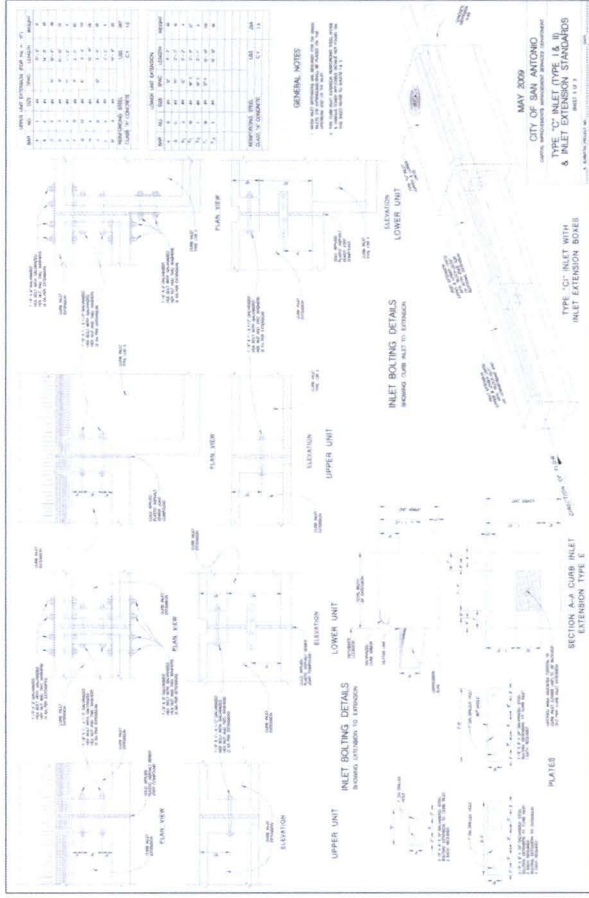
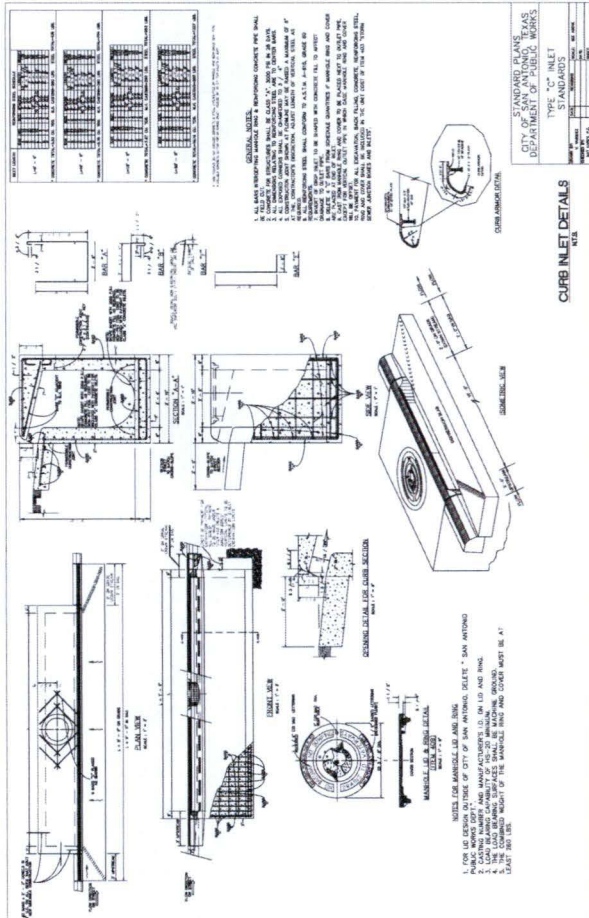
PIPE RAILING DETAIL
NOT-TO-SCALE



**PIPE ANCHORAGE
DETAIL**
NOT-TO-SCALE



**90° WELDING ELBOWS
DETAIL**
NOT-TO-SCALE



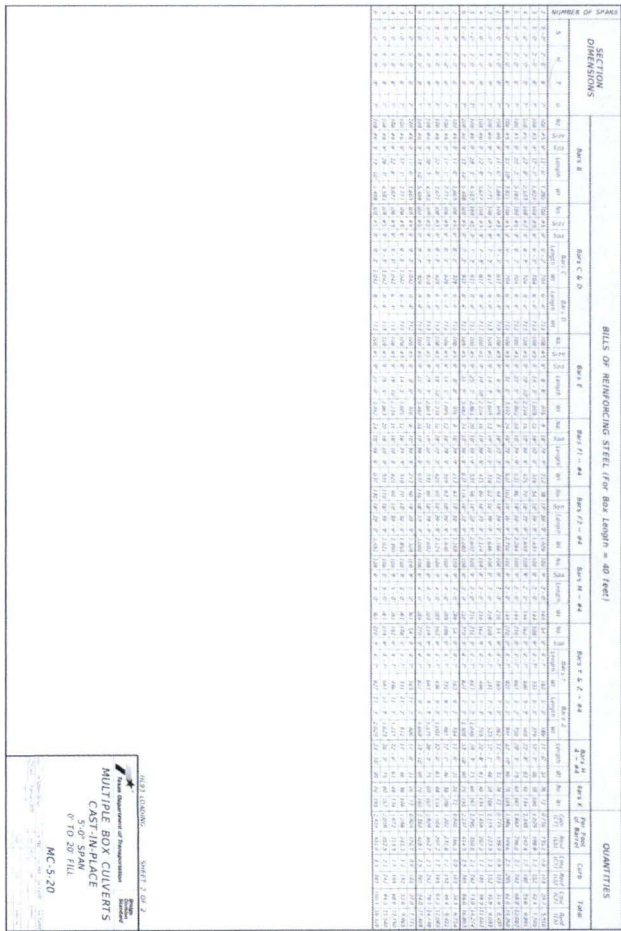
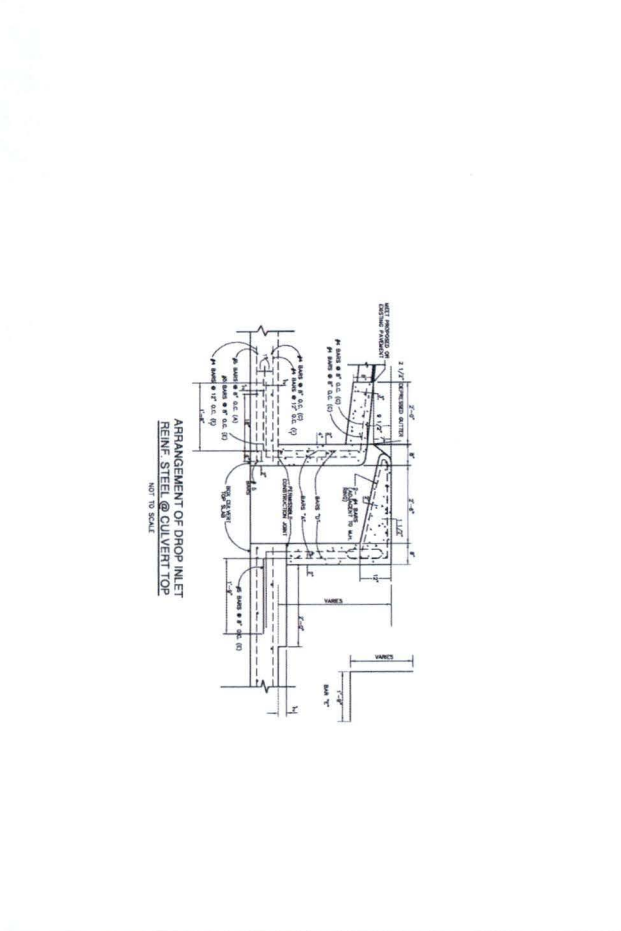
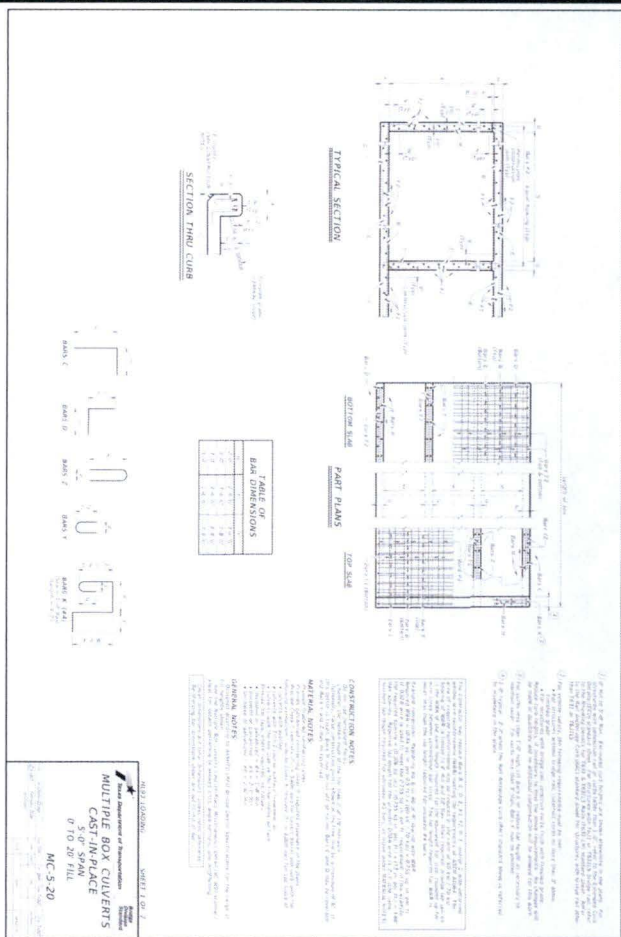
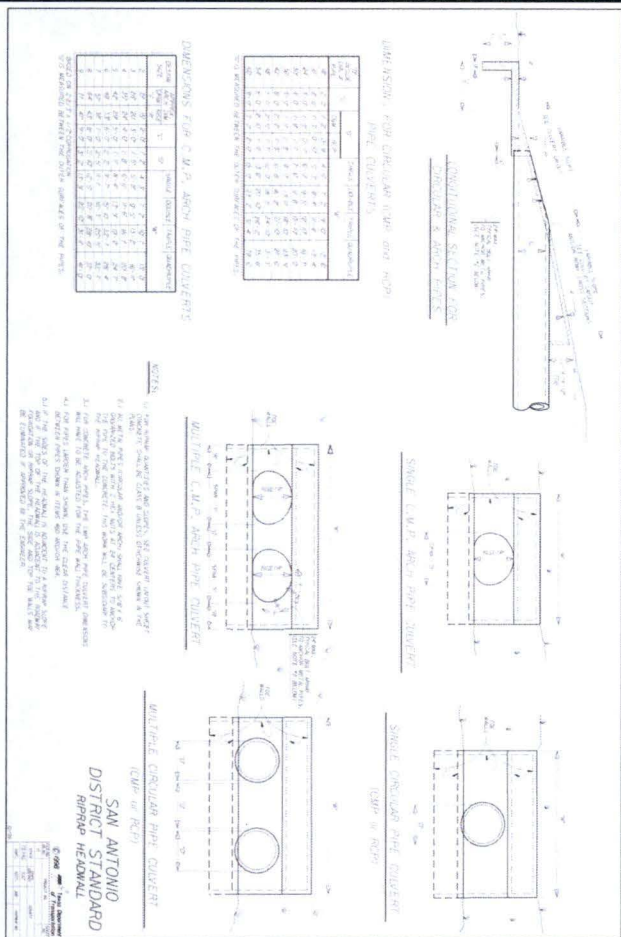


TABLE OF DIMENSIONS AND REINFORCING DETAILS FOR BOX CULVERTS

Minimum Design Span (m)	Dimensions		Reinforcing Requirements		Concrete Deck Slab Thickness (mm)	Concrete Deck Slab Reinforcing (mm ² /m)	Concrete Deck Slab Reinforcing (mm ² /m)	Concrete Deck Slab Reinforcing (mm ² /m)
	Box D	Box W	Box D	Box W				
1.0	1.0	1.0	1.0	1.0	100	100	100	100
1.5	1.5	1.5	1.5	1.5	100	100	100	100
2.0	2.0	2.0	2.0	2.0	100	100	100	100
2.5	2.5	2.5	2.5	2.5	100	100	100	100
3.0	3.0	3.0	3.0	3.0	100	100	100	100
3.5	3.5	3.5	3.5	3.5	100	100	100	100
4.0	4.0	4.0	4.0	4.0	100	100	100	100
4.5	4.5	4.5	4.5	4.5	100	100	100	100
5.0	5.0	5.0	5.0	5.0	100	100	100	100
5.5	5.5	5.5	5.5	5.5	100	100	100	100
6.0	6.0	6.0	6.0	6.0	100	100	100	100
6.5	6.5	6.5	6.5	6.5	100	100	100	100
7.0	7.0	7.0	7.0	7.0	100	100	100	100
7.5	7.5	7.5	7.5	7.5	100	100	100	100
8.0	8.0	8.0	8.0	8.0	100	100	100	100
8.5	8.5	8.5	8.5	8.5	100	100	100	100
9.0	9.0	9.0	9.0	9.0	100	100	100	100
9.5	9.5	9.5	9.5	9.5	100	100	100	100
10.0	10.0	10.0	10.0	10.0	100	100	100	100

TABLE OF WINGWALL REINFORCING

Box D	Box W	Box D	Box W
1.0	1.0	1.0	1.0
1.5	1.5	1.5	1.5
2.0	2.0	2.0	2.0
2.5	2.5	2.5	2.5
3.0	3.0	3.0	3.0
3.5	3.5	3.5	3.5
4.0	4.0	4.0	4.0
4.5	4.5	4.5	4.5
5.0	5.0	5.0	5.0
5.5	5.5	5.5	5.5
6.0	6.0	6.0	6.0
6.5	6.5	6.5	6.5
7.0	7.0	7.0	7.0
7.5	7.5	7.5	7.5
8.0	8.0	8.0	8.0
8.5	8.5	8.5	8.5
9.0	9.0	9.0	9.0
9.5	9.5	9.5	9.5
10.0	10.0	10.0	10.0

DESIGNER NOTES

1. For wingwall reinforcement, see Table PW-1.
2. For wingwall reinforcement, see Table PW-2.
3. For wingwall reinforcement, see Table PW-3.
4. For wingwall reinforcement, see Table PW-4.
5. For wingwall reinforcement, see Table PW-5.
6. For wingwall reinforcement, see Table PW-6.
7. For wingwall reinforcement, see Table PW-7.
8. For wingwall reinforcement, see Table PW-8.
9. For wingwall reinforcement, see Table PW-9.
10. For wingwall reinforcement, see Table PW-10.

DESIGNER NOTES

1. For wingwall reinforcement, see Table PW-1.
2. For wingwall reinforcement, see Table PW-2.
3. For wingwall reinforcement, see Table PW-3.
4. For wingwall reinforcement, see Table PW-4.
5. For wingwall reinforcement, see Table PW-5.
6. For wingwall reinforcement, see Table PW-6.
7. For wingwall reinforcement, see Table PW-7.
8. For wingwall reinforcement, see Table PW-8.
9. For wingwall reinforcement, see Table PW-9.
10. For wingwall reinforcement, see Table PW-10.

DESIGNER NOTES

1. For wingwall reinforcement, see Table PW-1.
2. For wingwall reinforcement, see Table PW-2.
3. For wingwall reinforcement, see Table PW-3.
4. For wingwall reinforcement, see Table PW-4.
5. For wingwall reinforcement, see Table PW-5.
6. For wingwall reinforcement, see Table PW-6.
7. For wingwall reinforcement, see Table PW-7.
8. For wingwall reinforcement, see Table PW-8.
9. For wingwall reinforcement, see Table PW-9.
10. For wingwall reinforcement, see Table PW-10.

DESIGNER NOTES

1. For wingwall reinforcement, see Table PW-1.
2. For wingwall reinforcement, see Table PW-2.
3. For wingwall reinforcement, see Table PW-3.
4. For wingwall reinforcement, see Table PW-4.
5. For wingwall reinforcement, see Table PW-5.
6. For wingwall reinforcement, see Table PW-6.
7. For wingwall reinforcement, see Table PW-7.
8. For wingwall reinforcement, see Table PW-8.
9. For wingwall reinforcement, see Table PW-9.
10. For wingwall reinforcement, see Table PW-10.

TABLE OF DIMENSIONS AND REINFORCING STEEL
 (Always for time structures 50 ft)

Dimensions		Lap Spacing		Development Length	
Bar Size	Bar Spacing	Bar Size	Bar Spacing	Bar Size	Bar Spacing
1/2"	12"	12"	12"	12"	12"
3/4"	12"	12"	12"	12"	12"
1"	12"	12"	12"	12"	12"
1 1/4"	12"	12"	12"	12"	12"
1 1/2"	12"	12"	12"	12"	12"
1 3/4"	12"	12"	12"	12"	12"
2"	12"	12"	12"	12"	12"
2 1/4"	12"	12"	12"	12"	12"
2 1/2"	12"	12"	12"	12"	12"
2 3/4"	12"	12"	12"	12"	12"
3"	12"	12"	12"	12"	12"
3 1/4"	12"	12"	12"	12"	12"
3 1/2"	12"	12"	12"	12"	12"
3 3/4"	12"	12"	12"	12"	12"
4"	12"	12"	12"	12"	12"
4 1/4"	12"	12"	12"	12"	12"
4 1/2"	12"	12"	12"	12"	12"
4 3/4"	12"	12"	12"	12"	12"
5"	12"	12"	12"	12"	12"
5 1/4"	12"	12"	12"	12"	12"
5 1/2"	12"	12"	12"	12"	12"
5 3/4"	12"	12"	12"	12"	12"
6"	12"	12"	12"	12"	12"
6 1/4"	12"	12"	12"	12"	12"
6 1/2"	12"	12"	12"	12"	12"
6 3/4"	12"	12"	12"	12"	12"
7"	12"	12"	12"	12"	12"
7 1/4"	12"	12"	12"	12"	12"
7 1/2"	12"	12"	12"	12"	12"
7 3/4"	12"	12"	12"	12"	12"
8"	12"	12"	12"	12"	12"
8 1/4"	12"	12"	12"	12"	12"
8 1/2"	12"	12"	12"	12"	12"
8 3/4"	12"	12"	12"	12"	12"
9"	12"	12"	12"	12"	12"
9 1/4"	12"	12"	12"	12"	12"
9 1/2"	12"	12"	12"	12"	12"
9 3/4"	12"	12"	12"	12"	12"
10"	12"	12"	12"	12"	12"
10 1/4"	12"	12"	12"	12"	12"
10 1/2"	12"	12"	12"	12"	12"
10 3/4"	12"	12"	12"	12"	12"
11"	12"	12"	12"	12"	12"
11 1/4"	12"	12"	12"	12"	12"
11 1/2"	12"	12"	12"	12"	12"
11 3/4"	12"	12"	12"	12"	12"
12"	12"	12"	12"	12"	12"

TABLE OF WINDGALL REINFORCING TIE-BARS

Bar Size	Bar Spacing	Bar Size	Bar Spacing
1/2"	12"	1/2"	12"
3/4"	12"	3/4"	12"
1"	12"	1"	12"
1 1/4"	12"	1 1/4"	12"
1 1/2"	12"	1 1/2"	12"
1 3/4"	12"	1 3/4"	12"
2"	12"	2"	12"
2 1/4"	12"	2 1/4"	12"
2 1/2"	12"	2 1/2"	12"
2 3/4"	12"	2 3/4"	12"
3"	12"	3"	12"
3 1/4"	12"	3 1/4"	12"
3 1/2"	12"	3 1/2"	12"
3 3/4"	12"	3 3/4"	12"
4"	12"	4"	12"
4 1/4"	12"	4 1/4"	12"
4 1/2"	12"	4 1/2"	12"
4 3/4"	12"	4 3/4"	12"
5"	12"	5"	12"
5 1/4"	12"	5 1/4"	12"
5 1/2"	12"	5 1/2"	12"
5 3/4"	12"	5 3/4"	12"
6"	12"	6"	12"
6 1/4"	12"	6 1/4"	12"
6 1/2"	12"	6 1/2"	12"
6 3/4"	12"	6 3/4"	12"
7"	12"	7"	12"

STANDARD PIPE RUNNER LENGTHS AND REQUIRED PIPE NUMBER AND ANCHOR PIPE SIZES

Anchor Pipe Size	Standard Pipe Length		Anchor Pipe Length	
	Feet	Meters	Feet	Meters
12.0"	10.0	3.05	10.0	3.05
18.0"	15.0	4.57	15.0	4.57
24.0"	20.0	6.10	20.0	6.10
30.0"	25.0	7.62	25.0	7.62
36.0"	30.0	9.14	30.0	9.14
42.0"	35.0	10.67	35.0	10.67
48.0"	40.0	12.19	40.0	12.19
54.0"	45.0	13.72	45.0	13.72
60.0"	50.0	15.24	50.0	15.24
66.0"	55.0	16.76	55.0	16.76
72.0"	60.0	18.29	60.0	18.29
78.0"	65.0	19.81	65.0	19.81
84.0"	70.0	21.34	70.0	21.34
90.0"	75.0	22.86	75.0	22.86
96.0"	80.0	24.38	80.0	24.38
102.0"	85.0	25.91	85.0	25.91
108.0"	90.0	27.43	90.0	27.43
114.0"	95.0	28.96	95.0	28.96
120.0"	100.0	30.48	100.0	30.48

SECTION D-D
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER DETAILS

UPPER AND LOWER BRACKET DETAILS

PIPE RUNNER PLAN

SECTION E-E
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION F-F
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION G-G
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION H-H
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION I-I
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION J-J
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION K-K
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION L-L
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION M-M
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION N-N
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION O-O
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION P-P
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION Q-Q
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION R-R
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION S-S
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION T-T
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION U-U
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION V-V
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION W-W
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION X-X
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION Y-Y
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION Z-Z
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION AA-AA
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION BB-BB
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION CC-CC
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION DD-DD
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION EE-EE
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION FF-FF
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION GG-GG
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION HH-HH
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION II-II
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION JJ-JJ
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION KK-KK
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION LL-LL
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION MM-MM
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION NN-NN
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION OO-OO
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION PP-PP
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION QQ-QQ
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION RR-RR
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION SS-SS
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION TT-TT
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION UU-UU
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION VV-VV
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION WW-WW
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION XX-XX
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION YY-YY
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION ZZ-ZZ
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION AA-AA
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION BB-BB
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION CC-CC
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION DD-DD
(SEE SHEET 101-200-1000-1000)

PIPE RUNNER PLAN

SECTION EE-EE

Sheet Title and its Page Number Revised by Date	No.	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	
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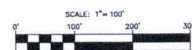
[illegible]

**PAPE-DAWSON
ENGINEERS**

SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.376.9500
TELEPHONE REGISTRATION #475 | TEMPLATES REGISTRATION #1003880

**SLICK RANCH CREEK DRAINAGE
IMPROVEMENTS - DRIAN "B"**
SAN ANTONIO, TEXAS
DRAINAGE DETAILS

PLAT NO. _____
JOB NO. 11501-09
DATE AUGUST 2021
DESIGNER JG
CHECKED DW DRAWN TC
SHEET C1.11



PROJECT LIMITS

100 YR FLOODPLAIN

EXISTING CONTOUR

PROPOSED CONTOUR

FLOW ARROW (EXISTING)

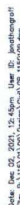
FLOW ARROW (PROPOSED)

MINIMUM FINISHED FLOOR ELEVATION

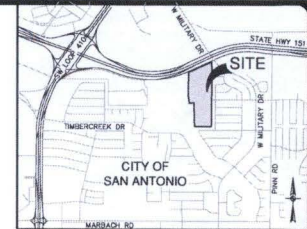
TREES TO REMAIN

Diagram details: The diagram shows a cross-section of a road. At the top, a dashed line represents the 'PROJECT LIMITS'. Below it, a horizontal line with vertical tick marks represents the '100 YR FLOODPLAIN'. The 'EXISTING CONTOUR' is shown as a line with a peak labeled '976'. The 'PROPOSED CONTOUR' is shown as a line with a peak labeled '979'. A light blue arrow points right, labeled 'FLOW ARROW (EXISTING)'. A black arrow points right, labeled 'FLOW ARROW (PROPOSED)'. A box labeled 'FF = XXXXX.XX' is positioned below the flow arrows. At the bottom, a tree icon is labeled 'TREES TO REMAIN'.

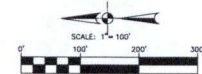
1. ALL MATERIAL AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF WORK HEREIN, NOT SPECIFICALLY COVERED IN THE SPECIFICATIONS OR STANDARD SPECIFICATIONS, SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS AND TYPICAL STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITIONS).
2. SITE PREPARATION, GRADING, EXCAVATION, AND FILL SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT GEOLOGICAL REPORT AND THE SPECIFICATIONS.
3. ALL SELECT FILL MATERIAL PROVIDED SHALL BE APPROVED BY THE GEOLOGICAL ENGINEER PRIOR TO PLACING AND COMPACTING.
4. ALL ELEVATIONS AND PROPOSED CONTIGUOUS SURFACES OF GRADING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS, FINISH, BASE, GRADES, TOPSOIL, AND MULCH MUST BE SUBTRACTED TO OBTAIN SUBGRADE ELEVATIONS.
5. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR CONFLICTS BETWEEN THE SPECIFICATIONS AND THE LIMITS OF DIMENSIONS OR GRADES NECESSARY FOR CONSTRUCTION OF THIS PROJECT.
6. THE CONTRACTOR SHALL VERIFY THE SUFFICIENCY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE BEGINNING CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS, EASEMENTS, AND OTHER NECESSARY REFERENCES REQUIRED TO COMPLETE CONSTRUCTION OF THIS PROJECT.
8. THE CONTRACTOR SHALL REMOVE TOP SOIL, GRASS, ROOTS, DEBRIS, ETC., TO THE DEPTH OF THE SITE SPECIFICATIONS, AND SUITABLE PLANTING MATERIALS AND TOPSOIL - CLEAN STRIPPINGS AND TOPSOIL MAY BE STOCKPILED ON THE SITE FOR REUSE.
9. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE STABILIZATION, ALL DISTURBED AREAS SHALL BE REVEGETATED IN ACCORDANCE WITH THE SPECIFICATIONS AND THE LANDSCAPE ARCHITECT'S PLAN, IF APPLICABLE.
10. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS (USE OF SAFETY SIGNS, CONE TRAFFIC, ETC.) TO PROTECT ALL EXISTING ADJACENT PROPERTY, STREETS, OR DRAINAGE WAYS. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES, INCLUDING EXISTING SUBSOIL DRAIN SYSTEMS. (SEE SWPPP PLANS & TPODS BOOK).
11. THE CONTRACTOR SHALL OBTAIN GRADES SHOWN HEREIN WITH ± 0.1 ONE-TENTH (0.10) FOOT.
12. FINISH GRADES SHALL BE IN ACCORDANCE WITH DESIGN PLANS. SHALL CONTROL ALL EARTHEN SLOPES SHALL BE A MAXIMUM OF 3:1 AND A MINIMUM OF 1:0. SLOPES OF 1:0 SHALL BE PROTECTED WITH EROSION CONTROL MEASURES.
13. THE CONTRACTOR SHALL PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING SITE, AND PROPOSED IMPROVEMENTS.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL CONDITION, ALL EXISTING UTILITIES, DESIGN PLANS, ALL BUILDINGS, UTILITIES, FENCES, PAVEMENT, CURBS, OR DRIVEWAYS (NON SEPARATE PAY ITEMS).
15. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN WORKING NEAR UTILITIES, GAS LINES, SEWER, OR EXISTING APPURTENANCES PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, COMPANIES AND ASSURE THAT ALL UTILITIES HAVE BEEN IDENTIFIED. IF ANY UTILITY CONFLICTS ARE DISCOVERED, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
16. UTILITIES SHOWN ON THE PLANS ARE FROM INFORMATION SOURCES INCLUDING BUT NOT LIMITED TO: RECORD DRAWINGS, FIELD SURVEY, UTILITIES ON SITE. THE CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR CONFLICTS BETWEEN THE SPECIFICATIONS AND THE LIMITS OF EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT. SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES, INCLUDING EXISTING SUBSOIL DRAIN SYSTEMS. (SEE SWPPP PLANS & TPODS BOOK).



SWP3 MODIFICATIONS		
DATE	SIGNATURE	DESCRIPTION



LOCATION MAP
NOT TO SCALE



SWPPP LEGEND

- PROJECT LIMITS
- EXISTING CONTOUR
- PROPOSED CONTOUR
- FLOW ARROW (PROPOSED)
- SILT FENCE
- ROCK BERM (BERMS ARE TO SPAN ACROSS ENTIRE CHANNEL AND NEAR WIDTHS)
- EARTHEN BERM W/POLYMER AND SPILLWAY (BERMS ARE TO SPAN ACROSS PROPOSED STREET SECTION APPROX. 20-100 FEET FROM CURB TO CURB)
- GRAVEL BAG BERM (CAN BE REMOVED ONCE CHANNEL IS STABILIZED OR RIP-RAP IS IN PLACE)
- DISTURBED AREA
- STABILIZED CONSTRUCTION ENTRANCE/EXIT (FIELD LOCATE)
- CONSTRUCTION EQUIPMENT, VEHICLE & MATERIALS STORAGE AREA (FIELD LOCATE)
- CONCRETE TRUCK WASH-OUT PIT (FIELD LOCATE)
- 50' NATURAL VEGETATIVE BUFFER

GENERAL NOTES

- DO NOT DISTURB VEGETATED AREAS (TREES, GRASS, WEEDS, BRUSH, ETC.) ANY MORE THAN NECESSARY FOR CONSTRUCTION.
- CONSTRUCTION ENTRANCE/EXIT LOCATION, CONCRETE TRUCK WASH-OUT PIT AND CONSTRUCTION EQUIPMENT AND MATERIALS STORAGE YARD TO BE DETERMINED IN THE FIELD.
- STORM WATER POLLUTION PREVENTION CONTROLS MAY NEED TO BE MODIFIED IN THE FIELD TO ACCOMPLISH THE DESIRED EFFECT. ALL MODIFICATIONS ARE TO BE NOTED ON THIS EXIST AND SIGNED AND DATED BY THE RESPONSIBLE PARTY.
- RESTRICT ENTRY/EXIT TO THE PROJECT SITE TO DESIGNATED LOCATIONS BY USE OF ADEQUATE FENCING, IF NECESSARY.
- ALL STORM WATER POLLUTION PREVENTION CONTROLS ARE TO BE MAINTAINED AND IN WORKING CONDITIONS AT ALL TIMES.
- FOR A COMPLETE LISTING OF TEMPORARY STORM WATER POLLUTION PREVENTION CONTROLS REFER TO THE TYPES STORM WATER POLLUTION PREVENTION PLAN.
- STORM WATER POLLUTION PREVENTION STRUCTURES SHOULD BE CONSTRUCTED WITHIN THE SITE BOUNDARIES. SOME OF THESE FEATURES MAY BE SHOWN OUTSIDE THE SITE BOUNDARIES ON THIS PLAN FOR VISUAL CLARITY.
- AS SOON AS PRACTICAL, ALL DISTURBED SOIL THAT WILL NOT BE COVERED BY IMPERVIOUS COVER SUCH AS PARKWAY AREAS, EASEMENT AREAS, EMBANKMENT SLOPES, ETC. WILL BE STABILIZED PER APPLICABLE PROJECT SPECIFICATIONS.
- BEST MANAGEMENT PRACTICES MAY BE INSTALLED IN STAGES TO CONFORM WITH THE DISTURBANCE OF UPGRADE AREAS.
- BEST MANAGEMENT PRACTICES MAY BE REMOVED IN STAGES ONCE THE WATERSHED FOR THAT PORTION CONTROLLED BY THE BEST MANAGEMENT PRACTICES HAS BEEN STABILIZED IN ACCORDANCE WITH TRUCK REQUIREMENTS.
- UPON COMPLETION OF THE PROJECT, INCLUDING SITE STABILIZATION, AND BEFORE FINAL PAYMENT IS ISSUED, CONTRACTOR SHALL REMOVE ALL SLOTTED AND EROSION CONTROL MEASURES, PAYING SPECIAL ATTENTION TO ROCK BERMING IN DRAINAGE FEATURES.
- WHERE VEGETATED FILTER STRIPS ARE INDICATED, CONTRACTOR SHALL VERIFY THAT SUFFICIENT VEGETATION EXISTS. OTHERWISE CONTRACTOR SHALL PLACE SILT FENCING IN LIEU OF VEGETATED FILTER STRIP.
- SHADED AREA [] DENOTES LIMITS OF DISTURBED AREAS. OTHER AREAS WITHIN THE PROJECT LIMITS, WITH THE EXCEPTION OF A CONSTRUCTION EQUIPMENT AND MATERIALS STORAGE YARD, ARE NOT A PART OF THIS TYPE'S STORM WATER POLLUTION PREVENTION PLAN (SWPP) AND WILL NOT BE DISTURBED BY CIVIL CONSTRUCTION ACTIVITIES. HOUSE CONSTRUCTION ACTIVITIES WILL REQUIRE A SEPARATE STORM WATER POLLUTION PREVENTION PLAN.
- PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL COORDINATE PLACEMENT OF TEMPORARY BEST MANAGEMENT PRACTICES WITHIN TRADIT RIGHT-OF-WAY WITH TxDOT.
- CPS ENERGY WILL FUNCTION AS A SECONDARY OPERATOR ON THIS PROJECT AND WILL BE INSTALLING ELECTRIC UTILITIES FOR ON-SITE CONSTRUCTION AND OFF-SITE FEED TO THE PROJECT.

THE ENGINEERING SEAL HAS BEEN AFFIXED TO THIS SHEET ONLY FOR THE PURPOSE OF DEMONSTRATING COMPLIANCE WITH THE TYPES-STORM WATER POLLUTION PREVENTION PLAN (SWPP) REGULATIONS.

THIS SHEET HAS BEEN PREPARED FOR PURPOSES OF THE SWPP ONLY. ALL OTHER CIVIL ENGINEERING RELATED INFORMATION SHOULD BE ACQUIRED FROM THE APPROPRIATE SHEET IN THE CIVIL IMPROVEMENT PLANS.

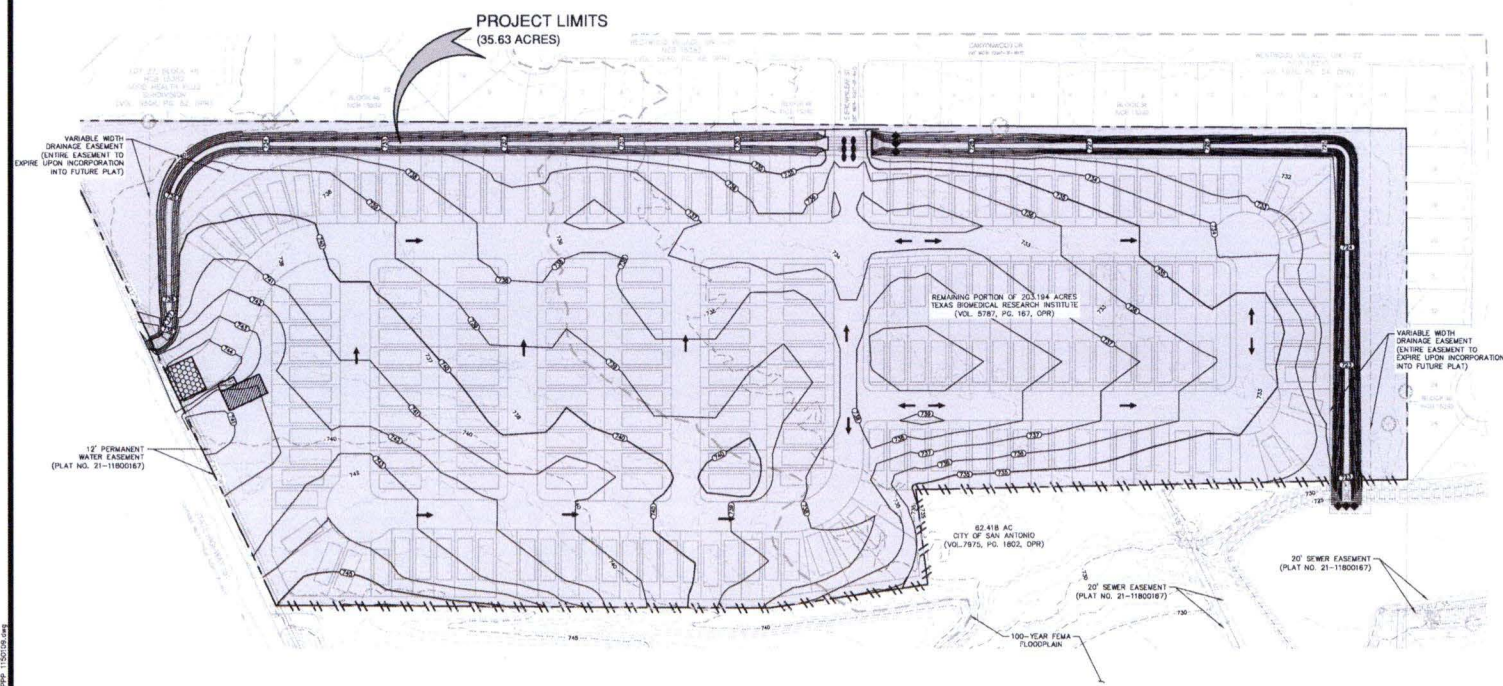
EXHIBIT 2

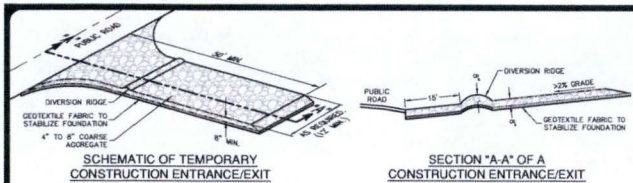
PLAT NO. 11501-09
JOB NO. 11501-09
DATE: AUGUST 2021
DESIGNER: JC
CHECKED: DW, DRAWN: TC
SHEET: C3.00

SLICK RANCH CREEK DRAINAGE
IMPROVEMENTS - DRAIN "B"
SAN ANTONIO, TEXAS
STORMWATER POLLUTION
PREVENTION PLAN



PAPE-DAWSON
ENGINEERS



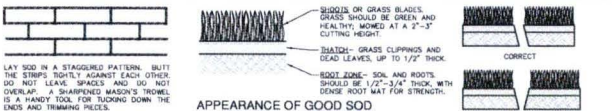


- MATERIALS**
1. THE AGGREGATE SHOULD CONSIST OF 4-INCH TO 8-INCH WASHED STONE OVER A STABLE FOUNDATION AS SPECIFIED IN THE PLAN.
 2. THE AGGREGATE SHOULD BE PLACED WITH A MINIMUM THICKNESS OF 8-INCHES.
 3. THE GEOTEXTILE FABRIC SHOULD BE DESIGNED SPECIFICALLY FOR USE AS A SOIL FILTRATION MEDIA WITH AN APPROXIMATE WEIGHT OF 6 OZ/100\"/>

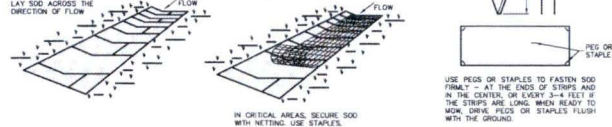
- INSTALLATION**
1. AVOID CURVES ON PUBLIC ROADS AND STEEP SLOPES. REMOVE VEGETATION AND OTHER OBSTRUCTIBLE MATERIAL FROM THE FOUNDATION AREA. GRADE SHOW FOUNDATION FOR POSITIVE DRAINAGE.
 2. THE MINIMUM WIDTH OF THE ENTRANCE/EXIT SHOULD BE 12 FEET OR THE FULL WIDTH OF EXISTING ROADWAY, WHICHEVER IS GREATER.
 3. THE CONSTRUCTION ENTRANCE SHOULD BE AT LEAST 50 FEET LONG.
 4. IF THE SLOPE TOWARD THE ROAD EXCEEDS 2%, CONSTRUCT A RIDGE, 6-INCHES TO 8-INCHES HIGH WITH 3:1 (H:V) SIDE SLOPES, ACROSS THE FOUNDATION, APPROXIMATELY 15 FEET FROM THE ENTRANCE TO DIVERT RUNOFF AWAY FROM THE PUBLIC ROAD.
 5. PLACE GEOTEXTILE FABRIC AND GRADE FOUNDATION TO IMPROVE STABILITY, ESPECIALLY WHERE WET CONDITIONS ARE ANTICIPATED.
 6. PLACE STONE TO DIMENSIONS AND GRADE SHOWN ON PLANS. LEAVE SURFACE SMOOTH AND SLOPE FOR DRAINAGE.
 7. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEGMENT TRAP OR BASIN.
 8. INSTALL PIPE UNDER PAD AS NEEDED TO MAINTAIN PROPER ROAD DRAINAGE.

STABILIZED CONSTRUCTION ENTRANCE/EXIT DETAIL

NOT-TO-SCALE



- NOTES**
1. ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SUBGRADE.
 2. WATER TO A DEPTH OF 4\"/>



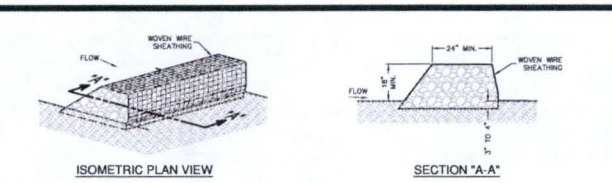
- MATERIALS**
1. SOD SHOULD BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF 3/4\"/>

- SITE PREPARATION**
1. PRIOR TO SITE PREPARATION, AREAS TO BE SOODED SHOULD BE BROUGHT TO FINAL GRADE IN ACCORDANCE WITH THE APPROVED PLAN.
 2. THE SURFACE SHOULD BE CLEARED OF ALL TRASH, DEBRIS AND OF ALL ROOTS, BRUSH, WIRE, CABLE STAKES AND OTHER OBJECTS THAT WOULD INTERFERE WITH PLANTING, FERTILIZING OR MAINTENANCE OPERATIONS.
 3. FERTILIZE ACCORDING TO SOIL TESTS. FERTILIZER LEVELS CAN BE DETERMINED BY A SOIL TESTING LABORATORY OR REGIONAL RECOMMENDATIONS CAN BE MADE BY COUNTY AGRICULTURAL EXTENSION AGENTS. FERTILIZER SHOULD BE WORKED INTO THE SOIL TO A DEPTH OF 3 INCHES.
 4. SPRINKLE THOROUGHLY OR OTHER SUITABLE EQUIPMENT, ON SLOPING LAND, THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE CONTIGUOUS.

- INSTALLATION IN CHANNELS**
1. SOD STRIPS IN WATERWAYS SHOULD BE Laid PERPENDICULAR TO THE DIRECTION OF FLOW. SOD SHOULD BE TAKEN TO BUTT ENDS OF STRIPS TIGHTLY (SEE FIGURE ABOVE).
 2. AFTER ROLLING OR TAMPING, SOD SHOULD BE PEGGED OR STAPLED TO THE SUBGRADE. SOD SHOULD BE PEGGED OR STAPLED TO THE SUBGRADE AT 3-4 FEET INTERVALS. SOD SHOULD BE PEGGED OR STAPLED TO THE SUBGRADE AT 3-4 FEET INTERVALS. SOD SHOULD BE PEGGED OR STAPLED TO THE SUBGRADE AT 3-4 FEET INTERVALS.

SOD INSTALLATION DETAIL

NOT-TO-SCALE

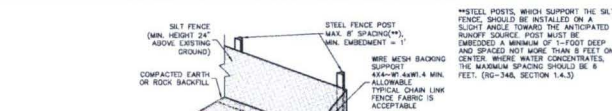


- ROCK BERMS**
- THE PURPOSE OF A ROCK BERM IS TO SERVE AS A CHECK DAM IN AREAS OF CONCENTRATED FLOW, TO INTERCEPT SEDIMENT-LADEN SURFACES, DETAIN THE SEDIMENT AND RELEASE THE WATER IN SHEET FLOW. THE ROCK BERM SHOULD BE USED WHEN THE CONTRIBUTING DRAINAGE AREA IS LESS THAN 5 ACRES. ROCK BERMS ARE USED IN AREAS WHERE THE VOLUME OF RUNOFF IS TOO GREAT FOR A SILT FENCE TO CONTAIN. THEY ARE LESS EFFECTIVE FOR SEDIMENT REMOVAL THAN SILT FENCES, PARTICULARLY FOR FINE PARTICLES, BUT ARE ABLE TO WITHSTAND HIGHER FLOWS THAN A SILT FENCE. AS SUCH, ROCK BERMS ARE OFTEN USED IN AREAS OF CHANNEL FLOWS (DITCHES, GULLIES, ETC.). ROCK BERMS ARE MOST EFFECTIVE AT REDUCING BED LOAD IN CHANNELS AND SHOULD NOT BE SUBSTITUTED FOR OTHER EROSION AND SEDIMENT CONTROL MEASURES PARTNER UP THE WATERWAYS.

- INSPECTION AND MAINTENANCE GUIDELINES**
1. INSPECTION SHOULD BE MADE WEEKLY BY THE RESPONSIBLE PARTY. TYPICAL INSTALLATIONS IN STREAMBEDS, ADDITIONAL ONLY INSPECTIONS SHOULD BE MADE.
 2. REMOVE SEDIMENT AND OTHER DEBRIS WHEN BUILDUP REACHES 6 INCHES AND DISPOSE OF THE ACCUMULATED SILT IN AN APPROVED MANNER THAT WILL NOT CAUSE ANY ADDITIONAL SiltATION.
 3. REPAIR ANY LOOSE WIRE SHEATHING.
 4. THE BERM SHOULD BE RESHAPE AS NEEDED DURING INSPECTION.
 5. THE BERM SHOULD BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED DUE TO SILT ACCUMULATION ALONG THE ROCKS.
 6. THE ROCK BERM SHOULD BE LEFT IN PLACE UNTIL ALL UPSTREAM AREAS ARE STABILIZED AND ACCUMULATED SILT REMOVED.

ROCK BERM DETAIL

NOT-TO-SCALE



- NOTES**
1. STEEL POSTS, WHICH SUPPORT THE SILT FENCE, SHOULD BE INSTALLED ON A SLOPE TOWARD THE ANTICIPATED RUNOFF SOURCE. POSTS MUST BE EMBEDDED A MINIMUM OF 1-FOOT DEEP AND SPACED NO MORE THAN 8 FEET ON CENTER. WHERE WATER CONCENTRATES, THE MAXIMUM SPACING SHOULD BE 6 FEET (NO-348, SECTION 1.4.3).
 2. BERM SHOULD BE BUILT ALONG THE CONTOUR AT ZERO PERCENT GRADE OR AS NEAR AS POSSIBLE.
 3. THE ENDS OF THE BERM SHOULD BE TIED INTO EXISTING UPOPER GRADE AND THE BERM SHOULD BE BUILT IN A TRENCH APPROXIMATELY 3\"/>

- COMMON TROUBLE POINTS**
1. INSUFFICIENT BERM HEIGHT OR LENGTH (RUNOFF QUICKLY ESCAPES OVER THE TOP OR AROUND THE SIDES OF BERMS).
 2. BERM NOT INSTALLED PERPENDICULAR TO FLOW LINE (RUNOFF ESCAPING AROUND ONE SIDE).

- SILT FENCE**
- A SILT FENCE IS A BARRIER CONSISTING OF GEOTEXTILE FABRIC SUPPORTED BY METAL POSTS TO PREVENT SOIL AND SEDIMENT LOSS FROM A SITE WHEN PROPERLY USED. SILT FENCES CAN BE HIGHLY EFFECTIVE AT CONTROLLING SEDIMENT FROM DISTURBED AREAS. THEY CAUSE RUNOFF TO FLOW, ALLOWING HEAVIER SOILS TO SETTLE, IF NOT PROPERLY INSTALLED, SILT FENCES ARE NOT LIKELY TO BE EFFECTIVE.

- INSTALLATION**
1. SILT FENCE MATERIAL SHOULD BE POLYPROPYLENE, POLYETHYLENE, OR POLYESTER, NONWOVEN FABRIC. THE FABRIC SHOULD BE 36 INCHES WITH A MINIMUM UNIT WEIGHT OF 4.5 OZ/100\"/>

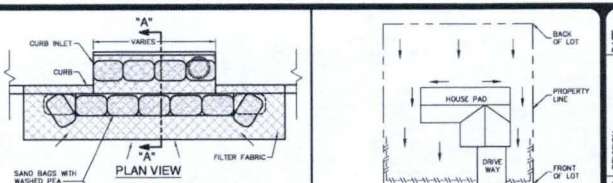
- MATERIALS**
1. SILT FENCE MATERIAL SHOULD BE POLYPROPYLENE, POLYETHYLENE, OR POLYESTER, NONWOVEN FABRIC. THE FABRIC SHOULD BE 36 INCHES WITH A MINIMUM UNIT WEIGHT OF 4.5 OZ/100\"/>

- INSTALLATION**
1. STEEL POSTS, WHICH SUPPORT THE SILT FENCE, SHOULD BE INSTALLED ON A SLOPE TOWARD THE ANTICIPATED RUNOFF SOURCE. POSTS MUST BE EMBEDDED A MINIMUM OF 1-FOOT DEEP AND SPACED NO MORE THAN 8 FEET ON CENTER. WHERE WATER CONCENTRATES, THE MAXIMUM SPACING SHOULD BE 6 FEET.
 2. LAY OUT FENCING DOWN-SLOPE OF DISTURBED AREA, FOLLOWING THE CONTOUR. FENCING SHOULD BE CLOSELY AND EVENLY SPACED SO THAT THE MAXIMUM DRAINAGE AREA IS 5 ACRES/100 FEET OF FENCE.

SILT FENCE DETAIL

NOT-TO-SCALE

THE ENGINEER HAS REVIEWED THIS DESIGN, BUT HAS NOT PERFORMED A FIELD INSPECTION. THE ENGINEER HAS REVIEWED THIS DESIGN, BUT HAS NOT PERFORMED A FIELD INSPECTION. THE ENGINEER HAS REVIEWED THIS DESIGN, BUT HAS NOT PERFORMED A FIELD INSPECTION.



- GENERAL NOTES**
1. CONTRACTOR TO INSTALL 2\"/>

- INSPECTION AND MAINTENANCE GUIDELINES**
1. INSPECTION SHOULD BE MADE WEEKLY. REPAIR OR REPLACEMENT SHOULD BE MADE PROMPTLY AS NEEDED BY THE CONTRACTOR.
 2. REMOVE SEDIMENT WHEN BUILDUP REACHES A DEPTH OF 3 INCHES. REMOVED SEDIMENT SHOULD BE DEPOSITED IN A SEPARATE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
 3. CHECK PLACEMENT OF DEVICE TO PREVENT GAPS BETWEEN DEVICE AND CURB.
 4. INSPECT FILTER FABRIC AND PATCH OR REPLACE IF TORN OR MISSING.

- STRUCTURES SHOULD BE REMOVED AND THE AREA STABILIZED OR FLOW THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.**

TYPICAL HOUSE LOT LAYOUTS

NOT-TO-SCALE



- NOTES**
1. THE SILT FENCE TO BE INSTALLED PERPENDICULAR TO THE DRAINAGE FLOW. THESE DETAILS AND LOCATED ON THE DOWN-SLOPE SIDE OF EACH LOT OR LIMITS OF CLEARING AS GENERALLY SHOWN ON THE OVERALL SITE PLAN.
 2. THE FILTER BAG MATERIAL SHALL BE MADE OF POLYPROPYLENE, POLYETHYLENE OR POLYESTER, NONWOVEN FABRIC, MIN UNIT WEIGHT OF 4.5 OZ/100\"/>

- GRAVEL FILTER BAG DETAIL**
- NOT-TO-SCALE

- GENERAL NOTES**
1. DETAIL ABOVE ILLUSTRATES MINIMUM DIMENSIONS. PIT CAN BE INCREASED IN SIZE DEPENDING ON EXPECTED FREQUENCY OF USE.
 2. WASHOUT PIT SHALL BE LOCATED IN AN AREA EASILY ACCESSIBLE TO CONSTRUCTION TRAFFIC.
 3. WASHOUT PIT SHALL NOT BE LOCATED IN AREAS SUBJECT TO NUISANCE FROM STORM RUNOFF.
 4. LOCATE WASHOUT AREA AT LEAST 50 FEET FROM SENSITIVE FEATURES, STORM DRAINS, OPEN DITCHES OR WATER BODIES.
 5. TEMPORARY CONCRETE WASHOUT FACILITY SHOULD BE CONSTRUCTED WITH SUFFICIENT QUANTITY AND VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.

- MATERIALS**
1. FLEXIBLE LINING MATERIAL SHOULD BE A MINIMUM OF 10 MIL. POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.

- MAINTENANCE**
1. WIRE TEMPORARY CONCRETE WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR THE WORK. THE HARDENED CONCRETE SHOULD BE REMOVED AND DISPOSED OF.
 2. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF.

- CONSTRUCTION STAGING AREA**
- NOT-TO-SCALE

- CONCRETE TRUCK WASHOUT**
- PIT DETAIL
- NOT-TO-SCALE

- NOTES**
1. HOLES, DEPRESSIONS OR OTHER GROUND OBSTRUCTIONS CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE BACKFILLED AND REPAIRED.

- CONCRETE TRUCK WASHOUT**
- PIT DETAIL
- NOT-TO-SCALE

THIS SHEET HAS BEEN PREPARED FOR THE PURPOSE OF DEMONSTRATING COMPLIANCE WITH THE TRUCK-STORED MATERIAL POLLUTION PREVENTION PLAN (SWP3) REGULATIONS.

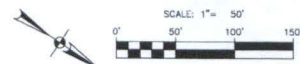
DATE: 11/01/2022
NO. REVISION: 1
EUGENE H. DAWSON, P.E.
112792
PAPE-DAWSON ENGINEERS
SANTA ANTONIO, TEXAS
SLICK RANCH CREEK DRAINAGE IMPROVEMENTS - DRAIN "B"
SANTA ANTONIO, TEXAS
FORM AND PREVENTION DETAILS
PLAT NO.: 11501-09
REV NO.: 1
DATE: AUGUST 2022
DESIGNER: J.C.
CHECKED: DAWSON, INC.
SHEET: C3.01

NO.	REVISION	DATE
1	ISSUED FOR PERMIT	07/11/22
2	ISSUED FOR CONSTRUCTION	07/11/22
3	ISSUED FOR CONSTRUCTION	07/11/22
4	ISSUED FOR CONSTRUCTION	07/11/22



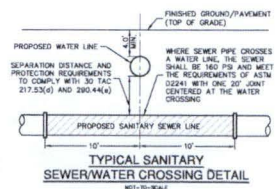
TORIAN VILLAGE UNIT 1
SAN ANTONIO, TEXAS
00-00+01 TO 00+00+1.15
SANITARY SEWER LINE 'A' PLAN & PROFILE

PLAT NO. 21-11800167
JOB NO. 11501-08
DATE AUGUST 2022
DESIGNER JC
CHECKED DW, DRAM/BA/AN
SHEET C4.04



SEWER LEGEND

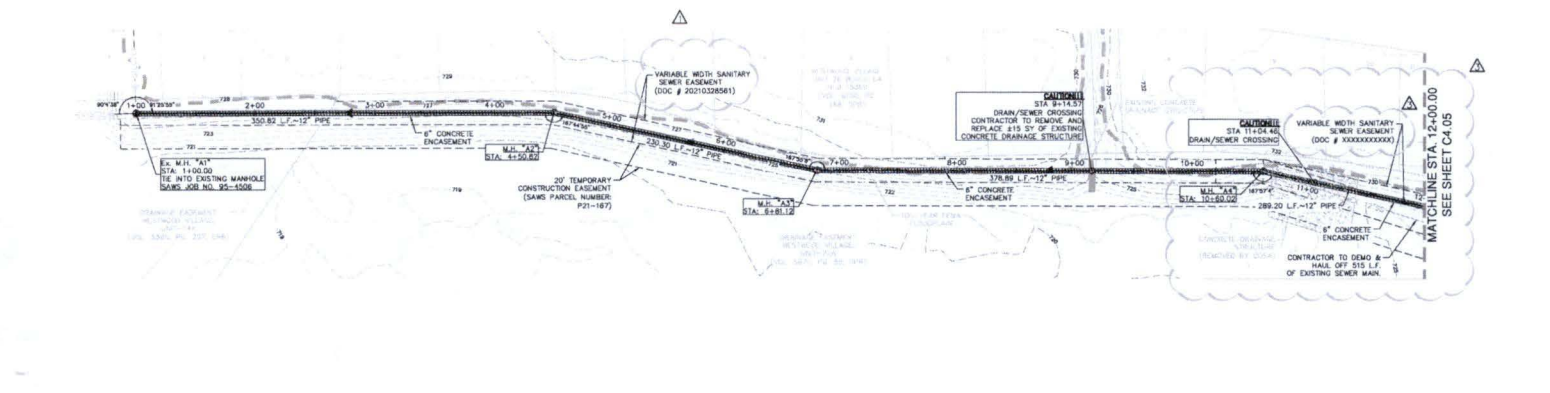
- PROJECT LIMITS
- EXISTING WATER
- EXISTING SEWER
- PROPOSED SEWER
- PROPOSED WATER
- PROPOSED SEWER LATERAL
- FINISHED FLOOR ELEVATION FOR SEWER
- VEHICULAR NON-ACCESS EASEMENT
- EXISTING TREES TO REMAIN UNDISTURBED



CAUTION!!
CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITED TO: WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, FIRE LIGHTING, ELECTRIC, SECONDARY ELECTRIC, PRIMARY ELECTRICAL, DUCTWORK, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES. ANY UTILITY CONFLICTS THAT ARISE SHOULD BE COMMUNICATED TO THE ENGINEER IMMEDIATELY AND PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT 1-800-855-TESTS A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND THE REPAIR SHALL BE AT CONTRACTOR'S SOLE EXPENSE WHETHER THE UTILITY IS SHOWN ON THESE PLANS OR NOT.

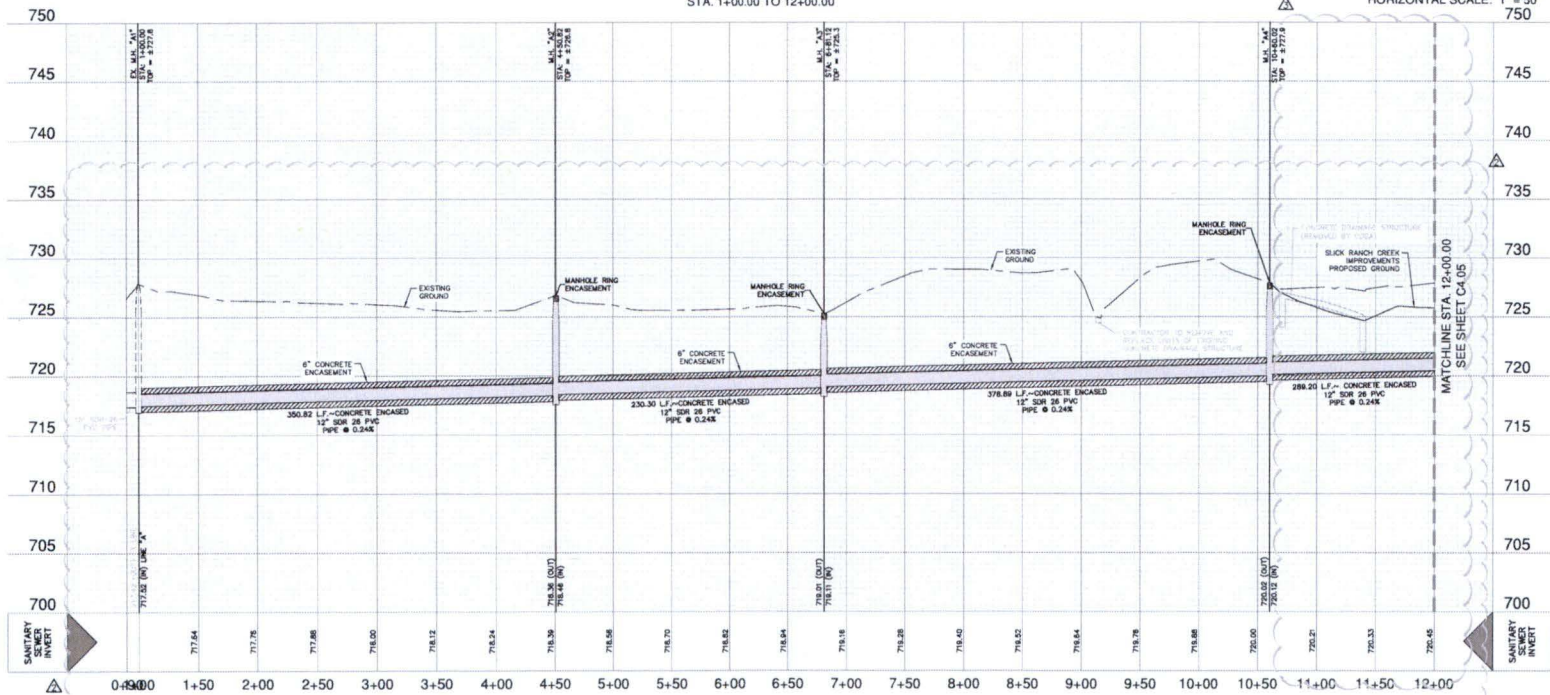
TRENCH EXCAVATION SAFETY PROTECTION:
CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYER OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS, AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYER, OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

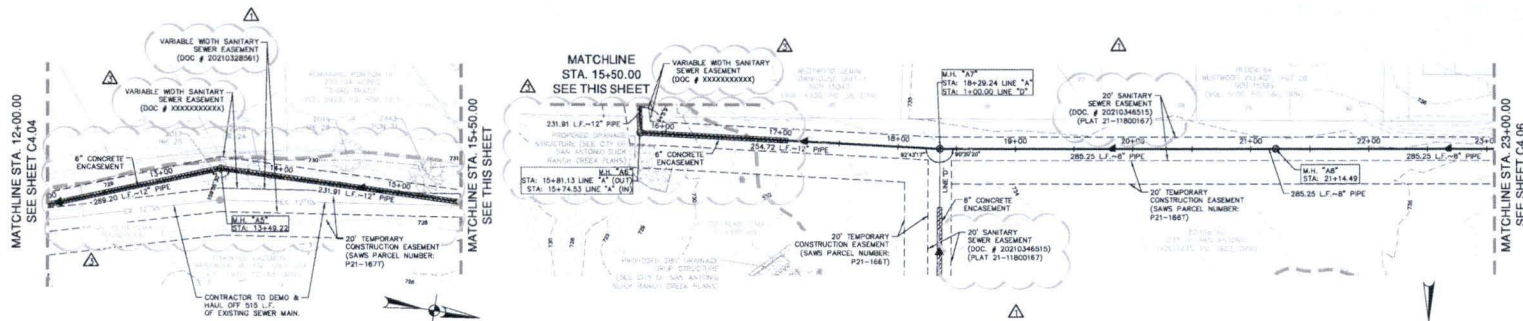
SEWER (WEST SEWERSHED - LEON CREEK WRC)
DEVELOPER'S NAME: LEONAR HOMES OF TEXAS, INC.
ADDRESS: 1822 DET. CREEK WAY, SUITE 101
CITY: SAN ANTONIO, STATE: TEXAS, ZIP: 78209
PHONE: (210)403-6200 FAX:
SANS BLOCK MAP#13-280, TOTAL DWT'S 124, TOTAL ACREAGE 23.28
TOTAL LINEAR FOOTAGE OF PIPE 2,800 LF - 14" DIA. PER PLAT NO. 21-11800167
NUMBER OF LOTS 128 SANS JOB NO. 21-1508



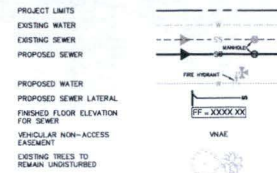
SANITARY SEWER LINE 'A'
STA. 1+00.00 TO 12+00.00

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 50'

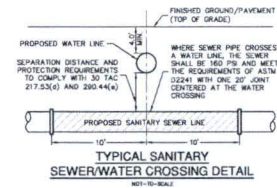
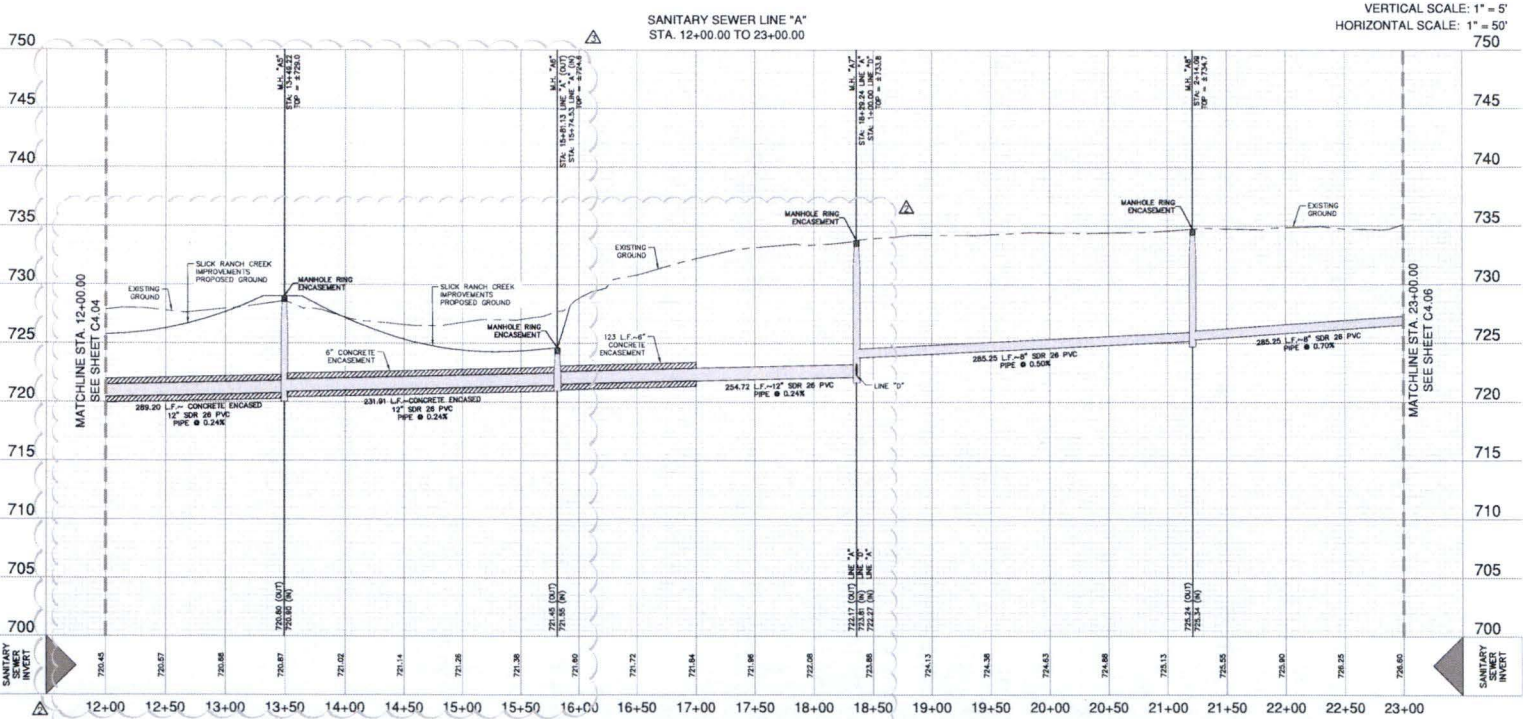




SEWER LEGEND



NO.	REVISION	DATE	BY	CHKD	APP'D
1	ISSUED FOR PERMIT	4/10/22			
2	REVISED PROPOSED ELEVATIONS	4/10/22			
3	REVISED PROPOSED ELEVATIONS	4/10/22			



CAUTION!!
CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITED TO: WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING, ELECTRIC, SECONDARY ELECTRIC, PRIMARY ELECTRICAL DISTRIBUTION, LANDSCAPE IRRIGATION FACILITIES AND GAS LINES. ANY UTILITY CONFLICTS THAT ARISE SHOULD BE COMMUNICATED TO THE ENGINEER IMMEDIATELY AND PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT 1-800-DIG-DESS A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND THE REPAIR SHALL BE AT CONTRACTOR'S SOLE EXPENSE. WHETHER THE UTILITY IS SHOWN ON THESE PLANS OR NOT.

TRENCH EXCAVATION SAFETY PROTECTION:
CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS PROGRAMS AND /OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AT A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

SEWER (WEST SEWERSHED - LEON CREEK WRC)
DEVELOPER'S NAME: LEONARD HOMES OF TEXAS, INC.
ADDRESS: 1822 DRY CREEK WAY, SUITE 101
CITY: SAN ANTONIO STATE: TEXAS ZIP: 78209
PHONE# (210)403-6200 FAX#
SANS BLOCK MAP#112-580, TOTAL LOTS#128, TOTAL ACREAGE 28.38
TOTAL LINEAR FOOTAGE OF PIPE 2,838.12' OF 24\"/>

TORIAN VILLALOBOS
SAN ANTONIO, TEXAS
00:00+22.01 00:00+21.11 S
SANITARY SEWER LINE UNIT 1
PLAN & PROFILE

PLAT NO. 21-11800167
JOB NO. 11501-08
DATE: AUGUST 2022
DESIGNED BY: JF
CHECKED BY: DRAM BR/P
SHEET C4.05

commercial treatment of Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s), Suppliers vendors or commercial customers, nor shall Grantee retaliate against any person for reporting instances of such discrimination. Grantee shall provide equal opportunity for Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s), Suppliers and vendors to participate in all of Grantee's public sector and private sector subcontracting and supply opportunities, provided that nothing contained in this **clause** shall prohibit or limit otherwise lawful efforts to remedy the effects of marketplace discrimination that have occurred or are occurring in City's Relevant Marketplace. Grantee understands and agrees a material violation of this **clause** shall be considered a material breach of this Agreement and may result in termination of this Agreement, disqualification of Grantee from participating in City contracts or other sanctions. This **clause** is not enforceable by or for the benefit of, and creates no obligation to, any third party. Grantee's certification of its compliance with this Commercial Nondiscrimination Policy, as submitted to City pursuant to the solicitation for this Agreement, hereby is incorporated into the material terms of this Agreement. Grantee shall incorporate this Commercial Nondiscrimination Policy clause into each of its Consultant(s), Sub-Consultant(s), Contractor(s) Subcontractor(s) and Supplier agreements entered into pursuant to City contracts.

G. Prompt Payment

Upon execution of this Agreement, Grantee shall be required to submit to City accurate progress payment information with each invoice, with regard to each of its Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and Suppliers, including HUBZone Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and Suppliers, to ensure Grantee's reported subcontract participation is accurate. Grantee shall pay its Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and Suppliers in compliance with Chapter 2251, Texas Government Code (known as the "Prompt Payment Act") within ten (10) days of receipt of payment from City. In the event of Grantee's noncompliance with these prompt payment provisions, no new City contracts shall be issued to Grantee until City's audit of previous subcontract payments is complete and payments are verified to be in accordance with the specifications of the Agreement.

H. Violations, Sanctions and Penalties

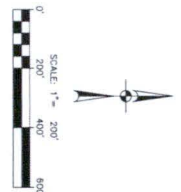
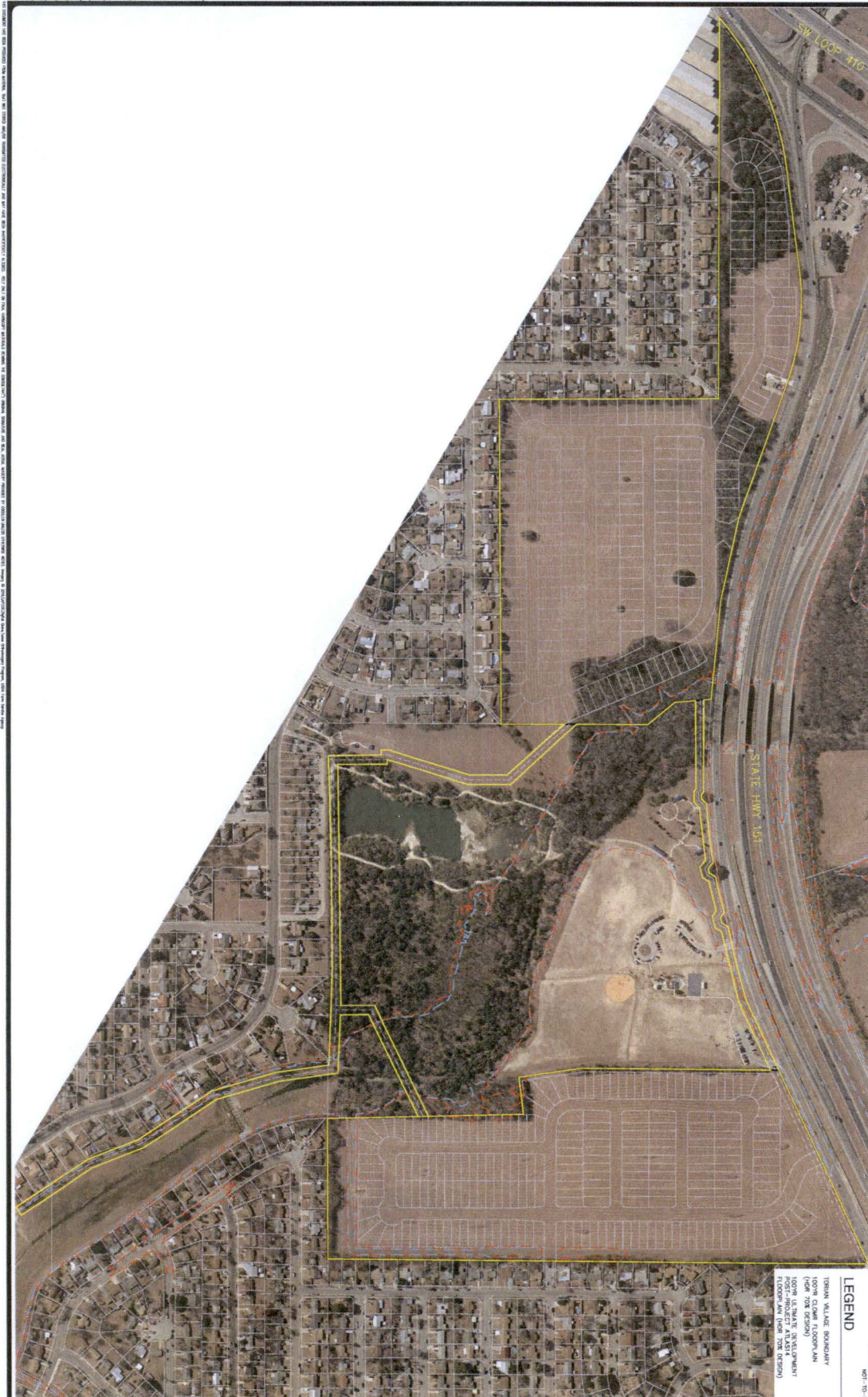
In addition to the above terms, Grantee acknowledges and agrees it is a violation of the SBEDA Ordinance and shall be deemed to have committed a material breach of this Agreement if Grantee:

1. fraudulently obtains, retains, attempt to obtain, or aids another in fraudulently obtaining, retaining, or attempting to obtain or retain Certification status as an SBE, MBE, WBE, M/WBE, HUBZone firm, Emerging M/WBE, or ESBE for purposes of benefitting from the SBEDA Ordinance;
2. willfully falsifies, conceals or covers up by a trick, scheme or device, a material fact or makes any false, fictitious or fraudulent statements or representations, or makes use of any false writing or document, knowing the same to contain any false, fictitious or fraudulent statements or entries pursuant to the terms of the SBEDA Ordinance;

EXHIBIT B

DEVELOPER'S PROPERTY

Date: Jan 27, 2022, 1:30pm User ID: design1
File: P:\1115\01\05\Design\Chal\Exhibit\220127 Aerial Exhibit.dwg



- LEGEND**
- TORIAN VILLAGE BOUNDARY
 - 100-YR FLOOD BOUNDARY
 - 100-YR FLOOD BOUNDARY (FROM 100-DEPT)
 - 100-YR FLOOD BOUNDARY (FROM 100-DEPT)
 - 100-YR FLOOD BOUNDARY (FROM 100-DEPT)

PLAN NO. 1115-01-05
JOB NO. 1115-01-05
DATE JANUARY 2022
DESIGNER JG
CHECKED E.E. GRAHAM, E.E.
SHEET 1 OF 1

TORIAN VILLAGE
SAN ANTONIO, TEXAS

AERIAL EXHIBIT

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78212 | 214.275.3866
TSP# 1000 REGISTRATION NO. 10000 | TSP# 6 REGISTRATION NO. 60000

NO.	REVISION	DATE

EXHIBIT C

INTENTIONALLY DELETED

EXHIBIT D

CITY'S BOND/SURETY FORMS

City requires payment bonds be visibly posted in a location easily accessible to all subcontractors,
and to provide copies of payment bond when requested

PAYMENT BOND

STATE OF TEXAS)
COUNTY OF BEXAR)
CITY OF SAN ANTONIO)

The City of San Antonio, a municipal corporation in the State of Texas (hereafter referred to as "City") and _____, a _____ with its principal place of business located at _____ (hereafter referred to as "Contractor" or "Principal") have entered into a Contract (hereafter referred to as "the Contract") dated _____, 20__ for the _____ Project (hereafter referred to as "the Project"). Said Contract is incorporated by reference into this Statutory Payment Bond, pursuant to Chapter 2253 of the Texas Government Code (hereafter referred to as "this Bond").

By virtue of this Bond, Contractor as Principal and _____, with its physical address at _____, a _____ mailing address of _____ and a business telephone number of _____ as Surety (hereafter referred to as "Surety") do hereby acknowledge each to be bound to City as an Obligee in the maximum amount of _____ Dollars (\$XXXXXXXX) (hereafter referred to as the "Bond Sum"). Contractor and Surety hereby further bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally for payment of this Bond, as provided herein.

1. **GENERAL CONDITIONS.** It is a condition of this Bond that if Contractor promptly makes payment of all sums for all labor, services, materials and equipment furnished for use in the performance of the Scope of Work required by the Contract, Surety's obligations pursuant to this Bond are null and void. Otherwise, Surety's obligations shall remain in full force and effect. Surety waives any requirement to be notified of alterations or extensions of time, or any other duly authorized modifications, made by City to the Contract.
2. **SURETY OBLIGATION.** Surety's obligation under this Bond is for the benefit and sole protection of all persons supplying labor, services, materials and equipment in the prosecution of said Contract. Surety's obligation to the Claimant(s) shall not exceed the Bond Sum.

THIS BOND is entered into this _____ day of _____, 20__.

SURETY (seal)

By: _____
(Signature)

(Print Name)

(Print Title)

[ATTACH POWER OF ATTORNEY]

ATTEST: _____

CONTRACTOR

By: _____
(Signature)

(Print Name)

(Print Title)

[Additional signatures, if any, appear on
attached page]

ATTEST: _____

PERFORMANCE BOND

STATE OF TEXAS)
COUNTY OF BEXAR)
CITY OF SAN ANTONIO)

The City of San Antonio, a municipal corporation in the State of Texas (hereafter referred to as "City") and _____, a _____ with its principal place of business located at _____ (hereafter referred to as "Contractor" or "Principal") have entered into a Contract (hereafter referred to as "the Contract") dated _____, 20__ for the _____ Project (hereafter referred to as "the Project"). Said Contract is incorporated by reference into this Statutory Performance Bond, pursuant to Chapter 2253 of the Texas Government Code (hereafter referred to as "this Bond").

By virtue of this Bond, Contractor as Principal and _____ with its physical address at _____, a _____ mailing address of _____ and a business telephone number of _____ as Surety (hereafter referred to as "Surety") do hereby acknowledge each to be bound to Owner as an Obligor in the maximum amount of _____ Dollars (\$XXXXXXXX) (hereafter referred to as the "Bond Sum"). Contractor and Surety hereby further bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally for payment of this Bond, to City as provided herein.

3. **GENERAL CONDITIONS.** It is a condition of this Bond that if Contractor promptly performs its Contract obligations (hereafter referred to as the "Work"), Surety's obligations pursuant to this Bond are null and void. Otherwise, Surety's obligations shall remain in full force and effect. Surety waives any requirement to be notified of alterations or extensions of time, or any other duly authorized modifications, made by City to the Contract. Upon making demand on this Bond, City shall make the Contract balance (equal to the total amount payable by City to Contractor pursuant to the Contract less amounts paid by City to Contractor) available to Surety for completion of the Work.
4. **SURETY OBLIGATION.** If Contractor does not faithfully construct and complete said work, as defined in the Scope of Work under its contract with City, and City invokes its contractual rights and declares Contractor in default, Surety promptly shall remedy the default and, at City's sole option, Surety shall:
- A. within a reasonable time (but not later than thirty (30) days after Surety receives written notice of Contractor's/Principal's Default), with written notice to City, step into and assume the role, all rights and all obligations of the defaulting Contractor/Principal under the Contract. Upon assumption of this role, Surety and all sureties directly shall contract with a Completion Contractor hired/engaged by Surety and all sureties to complete the structure(s), Work and improvements, pursuant to the Scope of Work in the Contract with Contractor/Principal. The selection of the Completion Contractor must be approved in writing by City and such approval shall not unreasonably be withheld. Surety and all sureties solely shall be responsible for any and all costs incurred, up to the Bond Sum, to complete the structure(s), Work and improvements, pursuant to the Scope of Work in the Contract with Contractor/Principal; or
 - B. in the event Surety fails to contract with a Completion Contractor within ninety (90) days of receipt of City's written notice of Default, City may, at City's sole discretion, select a Completion Contractor in accordance with Texas Law. In this event of Surety and all sureties failing to contract with a Completion Contractor within ninety (90) days of receipt of City's written notice of Default, Surety and all sureties then shall pay City any and all costs, up to the Bond Sum, for City's selected Completion Contractor to complete the

structure(s), Work and improvements, as defined in the Scope of Work in the Contract with Contractor/Principal; or

- C. at City's sole discretion, Surety and all sureties shall pay to City City's estimated amount for City to execute a Project Completion Contract with a Completion Contractor, selected by City in accordance with Texas Law, solely to complete the structure(s), Work and improvements, pursuant to the Scope of Work in the Contract with Contractor/Principal. Surety and all sureties shall pay City any and all costs, up to the Bond Sum, for the City-selected Completion Contractor to complete the structure(s), Work and improvements, as defined in the Scope of Work in the contract with Contractor/Principal.

5. **VENUE.** The obligations of the parties under this Bond shall be performable in Bexar County, Texas. If legal action, such as civil litigation, is necessary in connection with this Bond, exclusive venue shall be in Bexar County, Texas.

THIS BOND is entered into this _____ day of _____, 20 ____.

SURETY (seal)

By: _____
(Signature)

(Print Name)

(Print Title)

[ATTACH POWER OF ATTORNEY]

ATTEST: _____

CONTRACTOR

By: _____
(Signature)

(Print Name)

(Print Title)

[Additional signatures, if any, appear on
attached page]

ATTEST: _____

EXHIBIT E

SBEDA TERMS & CONDITIONS SBE SUBCONTRACTING GOAL

SBEDA ORDINANCE COMPLIANCE PROVISIONS

A. Contract Requirements and Commitment

Grantee understands and agrees the following provisions shall be requirements of this Funding Agreement and Grantee, in acknowledging these requirements, commits to comply with these provisions.

Waiver Request - Grantee may request, for good cause, a full or partial Waiver of **specified subcontracting goal(s)** by submitting the *Respondent/ Vendor Subcontracting Waiver Request* form (available at <http://www.sanantonio.gov/SBO/Forms.aspx>). Grantee's Waiver request fully must document Consultant, Sub-Consultant, Contractor, Subcontractor and/or Supplier unavailability despite Grantee's good faith efforts to comply with the goal. Such documentation shall include all good faith efforts made by Grantee including, but not limited to, which Consultants, Sub-Consultants, Contractors, Subcontractors and/or Suppliers were contacted (with phone numbers, e-mail addresses and mailing addresses, as applicable) and the method of contact.

B. SBEDA Program

City has adopted a Small Business Economic Development Advocacy Ordinance (Ordinance No. 2016-05-19-0367 and as amended, also referred to as "SBEDA" or "the SBEDA Program"), which is posted on City's Economic Development (hereafter referred to as "EDD") website page and also is available in hard copy form upon request to City. The SBEDA Ordinance Compliance Provisions contained in this clause are governed by the terms of said Ordinance, as well as by the terms of the SBEDA Ordinance Policy & Procedure Manual established by City, pursuant to said Ordinance, and any subsequent amendments to this referenced SBEDA Ordinance and SBEDA Policy & Procedure Manual in effect as of the date of the execution of this Agreement. Unless defined in a contrary manner herein, terms used in this clause shall be subject to the same expanded definitions and meanings as given those terms in the SBEDA Ordinance and as further interpreted in the SBEDA Policy & Procedure Manual.

C. Definitions

Affirmative Procurement Initiatives (hereafter referred to as "API") – refers to various Small Business Enterprise, Minority Business Enterprise, and/or Women Business Enterprise (hereafter referred to as "S/M/WBE") Program tools and Solicitation Incentives that are used to encourage greater prime contract and subcontract participation by S/M/WBE firms, including bonding assistance, evaluation preferences, subcontracting goals and joint venture incentives. (For full descriptions of these and other S/M/WBE program tools, see Section III. D. of Attachment A to the SBEDA Ordinance).

Centralized Vendor Registration System (hereafter referred to as "CVR") – refers to a mandatory electronic system wherein City requires all prospective Consultants, Sub-Consultants, Contractors and Subcontractors ready, willing and able to sell goods or services to City to register. The CVR system assigns a unique identifier to each registrant that is then required for the purpose of submitting solicitation responses and invoices and for receiving payments from City. The CVR-

assigned identifiers also are used by City's Goal Setting Committee for measuring relative availability and tracking utilization of SBE and M/WBE (as defined herein) firms by Industry or commodity codes and for establishing annual aspirational Goals and contract-by-contract Subcontracting Goals.

Certification or "Certified" – refers to the process by which City's Small Business Office (hereafter referred to as "SBO") staff determines a firm to be a bona-fide small, minority-, women-owned or emerging small business enterprise. Emerging Small Business Enterprises (hereafter referred to as "ESBEs") automatically are eligible for Certification as SBEs. Any firm may apply for multiple Certifications covering each and every status category (e.g., SBE, ESBE, MBE, or WBE) for which it is able to satisfy eligibility standards. The SBO staff may contract these services to a regional Certification agency or other entity. For purposes of Certification, City accepts any firm that is certified by local government entities and/or other organizations identified herein that have adopted Certification standards and procedures similar to those followed by the SBO, provided the prospective firm satisfies the eligibility requirements set forth in this Ordinance in Section III.E.6 of Attachment A.

Commercially Useful Function – means a S/M/WBE firm performs a Commercially Useful Function when it is responsible for execution of a distinct element of the work of the contract and is carrying out its responsibilities by actually performing, staffing, managing and supervising the work involved. To perform a Commercially Useful Function, the S/M/WBE firm also must be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quantity and quality, ordering the material and installing (where applicable) and paying for the material itself. To determine whether an S/M/WBE firm is performing a Commercially Useful Function, an evaluation must be performed of the amount of work subcontracted, normal industry practices, whether the amount the S/M/WBE firm is to be paid under the contract is commensurate with the work it actually is performing, the S/M/WBE credit claimed for its performance of the work and other relevant factors. Specifically, an S/M/WBE firm does not perform a Commercially Useful Function if its role is limited to that of an extra participant in a transaction, contract or project through which funds are passed in order to obtain the appearance of meaningful and useful S/M/WBE participation when, in similar transactions in which S/M/WBE firms do not participate, there is no such role performed. The use of S/M/WBE firms by Grantee to perform such "pass-through" or "conduit" functions that are not commercially useful shall be viewed by City as fraudulent, if Grantee attempts to obtain credit for such S/M/WBE participation towards the satisfaction of S/M/WBE participation goals or other API participation requirements. As such, under such circumstances where a commercially useful function is not actually performed by the S/M/WBE firm, Grantee shall not be given credit for the participation of its S/M/WBE Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s), Suppliers or joint venture partner towards attainment of S/M/WBE utilization goals, and Grantee and S/M/WBE firm may be subject to sanctions and penalties in accordance with the SBEDA Ordinance.

Good Faith Efforts – means the documentation of Grantee's intent to comply with S/M/WBE Program Goals and procedures including, but are not limited to, the following:

(1) documentation reflecting Grantee's commitment to comply with SBE or M/WBE Program Goals as established by the GSC for a particular contract; or

(2) documentation of efforts made toward achieving the SBE or M/WBE Program Goals (e.g., timely advertisements in appropriate trade publications and publications of wide general circulation; timely posting of SBE or M/WBE subcontract opportunities on the City of San Antonio website; solicitations of bids/proposals/qualification statements from all qualified SBE or M/WBE firms listed in the Small Business Office's directory of certified SBE or M/WBE firms; correspondence from qualified SBE or M/WBE firms documenting their unavailability to perform SBE or M/WBE contracts; documentation of efforts to subdivide work into smaller quantities for subcontracting purposes, to enhance opportunities for SBE or M/WBE firms; documentation of a Prime Consultant's posting of a bond covering the work of SBE or M/WBE Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Suppliers; documentation of efforts to assist SBE or M/WBE firms with obtaining financing, bonding or insurance required by Grantee and the solicitation; and documentation of consultations with trade associations and Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Suppliers representing the interests of SBE and/or M/WBEs in order to identify qualified and available SBE or M/WBE Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Suppliers). The appropriate form and content of Grantee's Good Faith Efforts documentation shall be in accordance with the SBEDA Ordinance as interpreted in the SBEDA Policy & Procedure Manual.

HUBZone Firm – means a business certified by the U.S. Small Business Administration for participation in the federal HUBZone Program, as established under the 1997 Small Business Reauthorization Act. To qualify as a HUBZone firm, a small business must meet all of the following criteria:

- (1) The business is owned and Controlled by U.S. citizens;
- (2) At least thirty five percent (35%) of the business's employees must reside in a HUBZone; and
- (3) The business's Principal Place of Business must be located in a HUBZone within the San Antonio Metropolitan Statistical Area. [See 13 C.F.R. 126.200 (1999).]

Independently Owned and Operated – means the ownership of an SBE firm must be direct, independent and by Individuals only. Ownership of an M/WBE firm may be by Individuals and/or by other businesses provided the ownership interests in the M/WBE firm can satisfy the M/WBE eligibility requirements for ownership and Control as specified herein in Section III.E.6. The M/WBE firm must also be Independently Owned and Operated in the sense that it cannot be the subsidiary of another firm that does not itself (and in combination with the certified M/WBE firm) satisfy the eligibility requirements for M/WBE Certification.

Individual – means an adult person that is of legal majority age.

Industry Categories – means procurement groupings for City inclusive of Construction, Architectural & Engineering (A&E), Professional Services, Other Services and Goods and Supplies (i.e., manufacturing, wholesale and retail distribution of commodities). This term sometimes may be referred to as "business categories."

Minority/Women Business Enterprise (hereafter referred to as “M/WBE”) – refers to a firm certified as a Small Business Enterprise and also is certified as either a Minority Business Enterprise or as a Women Business Enterprise, is at least fifty-one percent (51%) owned, managed and controlled by one or more Minority Group Members and/or women and is ready, willing and able to sell goods or services to be purchased by City.

M/WBE Directory – refers to a listing of minority- and women-owned businesses certified for participation in City’s M/WBE Program APIs.

Minority Business Enterprise (hereafter referred to as “MBE”) – means any legal entity, except a joint venture, organized to engage in for-profit transactions, certified a Small Business Enterprise and is at least fifty-one percent (51%) owned, managed and controlled by one or more Minority Group Members, as defined below, and is ready, willing and able to sell goods or services to be purchased by City. To qualify as a MBE, the enterprise shall meet the Significant Business Presence requirement defined herein. Unless otherwise stated, the term MBE, as used in City’s Ordinance, is not inclusive of women-owned business enterprises.

Minority Group Members – refers to African-Americans, Hispanic Americans, Asian Americans and Native Americans legally residing in or that are citizens of the United States or its territories, as defined below:

African-Americans: Persons having origins in any of the black racial groups of Africa as well as those identified as Jamaican, Trinidadian, or West Indian.

Hispanic-Americans: Persons of Mexican, Puerto Rican, Cuban, Spanish or Central and South American origin.

Asian-Americans: Persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent or the Pacific Islands.

Native Americans: Persons having no less than one sixteenth (1/16th) percentage origin in any of the Native American Tribes, as recognized by the U.S. Department of the Interior, Bureau of Indian Affairs and as demonstrated by possession of personal tribal role documents.

Originating Department – refers to a City department or authorized representative of City managing the contract.

Payment – refers to the dollars actually paid to Grantee and/or Grantee’s Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s), Suppliers and/or vendors for City-contracted goods and/or services.

Prime Consultant – refers to a Consultant, under contract to City, to whom a purchase order or contract is issued by City for the purposes of providing goods or services to City. For purposes of this Agreement, this term refers to Grantee.

Relevant Marketplace – means the geographic market area affecting the S/M/WBE Program, as determined for purposes of collecting data for NERA Economic Consulting and for determining eligibility for participation under various programs established by City's SBEDA Ordinance, defined as the San Antonio Metropolitan Statistical Area (as defined herein), which currently includes the counties of Atascosa, Bandera, Bexar, Comal, Guadalupe, Kendall, Medina and Wilson.

Respondent – refers to an entity submitting a bid, Statement of Qualifications or Proposal in response to a solicitation issued by City. For purposes of this agreement, Grantee is Respondent.

Responsible – means a firm capable in all respects fully to perform the contractual requirements outlined in City's solicitation and has the integrity and reliability to assure good faith performance of all project specifications.

San Antonio Metropolitan Statistical Area (hereafter referred to as "SAMSA") – also known as the Relevant Marketplace, referring to the geographic market area from which City's NERA Economic Consulting analyzed contract utilization and availability data for disparity. City's SAMSA currently including the counties of Atascosa, Bandera, Bexar, Comal, Guadalupe, Kendall, Medina and Wilson.

SBE Directory – refers to a listing of small businesses certified for participation in City's SBE Program APIs.

Significant Business Presence – defined as an established place of business in one or more of the eight (8) counties making up the SAMSA, from which twenty percent (20%) of the entity's full-time, part-time and contract employees regularly are based, and from which a substantial role in the S/M/WBE's performance of a Commercially Useful Function is conducted. A location utilized solely as a post office box, mail drop or telephone message center or any combination thereof, with no other substantial work function, shall not be construed to constitute a significant business presence. To qualify for this Program, a S/M/WBE must be headquartered or have a *significant business presence* for at least one (1) year within the Relevant Marketplace

Small Business Enterprise (hereafter referred to as "SBE") – means a corporation, partnership, sole proprietorship or other recognized legal entity existing for the purpose of making a profit, is independently owned and operated by Individuals legally residing in or are citizens of the United States or its territories, meets the U.S. Small Business Administration (hereafter referred to as "SBA") size standard for a small business in its particular industry(ies) and meets the Significant Business Presence requirements, as defined herein.

Small Business Office (hereafter referred to as "SBO") – means the office within City's EDD Department primarily responsible for general oversight and administration of the S/M/WBE Program.

Small Business Office Manager (hereafter referred to as "SBO Manager") – refers to the Assistant Director of EDD responsible for the management of the SBO and ultimately responsible for oversight, tracking, monitoring, administration, implementation and reporting of the S/M/WBE Program. The SBO Manager also is responsible for enforcement of Grantee, Consultant and vendor compliance

with contract participation requirements and ensuring that overall SBEDA Program goals and objectives are met.

Small Minority Women Business Enterprise Program (hereafter referred to as “S/M/WBE Program”) – refers to the combination of SBE Program and M/WBE Program features contained in the SBEDA Ordinance.

Sub-Consultant – means any vendor of Grantee providing goods or services to Grantee in furtherance of Grantee’s performance under an agreement, contract or purchase order with City. A copy of each binding agreement between Grantee and its Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and Suppliers shall be submitted to City in writing prior to execution of this Agreement and any modification to this Agreement.

Suspension – means the temporary stoppage of a SBE or M/WBE firm’s beneficial participation in City’s S/M/WBE Program for a finite period of time, due to the cumulative contract payments the S/M/WBE firm received during a fiscal year exceeding a certain dollar threshold, as set forth in Section III.E.7 of Attachment A to the SBEDA Ordinance; or the temporary stoppage of Grantee’s and/or S/M/WBE firm’s performance and payment under City contracts due to City’s imposition of Penalties and Sanctions, as set forth in Section III.E.13 of Attachment A to the SBEDA Ordinance.

Sub-Consultant/Supplier Utilization Plan – refers to the binding part of this Agreement stating Grantee’s commitment for the use of Joint Venture Partners and/or Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Suppliers in the performance of this Agreement, stating the name, scope of work and dollar value of work to be performed by each of Grantee’s Joint Venture partners and/or Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Suppliers in the course of the performance of this Agreement, specifying the S/M/WBE Certification category for each Joint Venture partner and/or Consultant, Sub-Consultant, Contractor, Subcontractor and/or Supplier, as approved by the SBO Manager. Additions, deletions or modifications of the Joint Venture partner or and Consultant, Sub-Consultant, Contractor, Subcontractor and/or Supplier names, scopes of work or dollar values of work to be performed requires an amendment to this Agreement approved by the EDD Manager or his/her designee.

Women Business Enterprises (hereafter referred to as “WBEs”) – refers to any legal entity, except a Joint Venture, organized to engage in for-profit transactions, certified, for purposes of the SBEDA Ordinance, as being a Small Business Enterprise, is at least fifty-one percent (51%) owned, managed and controlled by one or more non-minority women Individuals lawfully residing in or are citizens of the United States or its territories, is ready, willing and able to sell goods or services to be purchased by City and meets the Significant Business Presence requirements, as defined herein. Unless otherwise stated, WBE, as used in this Agreement, is not inclusive of MBEs.

D. SBEDA Program Compliance – General Provisions

Grantee acknowledges and accepts the terms of City’s SBEDA Ordinance, as amended, together with all requirements, guidelines and procedures set forth in City’s SBEDA Policy & Procedure Manual, are in furtherance of City’s efforts at economic inclusion and, moreover, such terms are part of Grantee’s Scope of Work, as referenced in City’s Funding Agreement, forming the basis for a Funding

Agreement award and subsequent execution of this Agreement. These SBEDA Ordinance requirements, guidelines and procedures hereby are incorporated by reference into this Agreement and are considered by the Parties hereto to be material terms. Grantee's agreement fully to comply with these SBEDA program terms is a material condition for being awarded this Funding Agreement by City. Without limitation, Grantee further agrees to the following terms as part of its contract compliance responsibilities under City's SBEDA Program:

1. Grantee fully shall cooperate with the SBO and other City departments in the data collection and monitoring efforts regarding Grantee's utilization and payment of and to Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Suppliers, S/M/WBE firms and HUBZone firms, as applicable, for their performance of Commercially Useful Functions pursuant to this Agreement including, but not limited to, the timely submission of completed forms and/or documentation promulgated by SBO through the Originating Department, pursuant to the SBEDA Policy & Procedure Manual, the timely entry of data into monitoring systems and ensuring the timely compliance of its Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Suppliers with this term;
2. Grantee fully shall cooperate with any City or SBO investigation (and shall also respond truthfully and promptly to any City or SBO inquiry) regarding possible non-compliance with SBEDA requirements on the part of Grantee, its Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Suppliers;
3. Grantee shall permit the SBO, upon reasonable notice, to undertake inspections as necessary including, but not limited to, contract-related correspondence, records, documents, payroll records, daily logs, invoices, bills, cancelled checks and work product, and to interview Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Suppliers and workers to determine whether there has been a violation of the terms of this Agreement;
4. Grantee immediately shall notify the SBO, in writing, on the Change to Utilization Plan form, through the Originating Department, of any proposed changes to Grantee's Sub-Consultant/Supplier Utilization Plan for this Agreement, with an explanation of the necessity for such proposed changes, including documentation of Good Faith Efforts made by Grantee to replace the Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Supplier in accordance with the applicable Affirmative Procurement Initiative. All proposed changes by Grantee to its Sub-Consultant/Supplier Utilization Plan including, but not limited to, proposed self-performance of work by Grantee of work previously designated for performance by Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Supplier(s),

substitutions of new Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Suppliers, terminations of previously designated Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Suppliers or reductions in the scope of work and value of work awarded to Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s) and/or Suppliers, shall be subject to advanced written approval by the Originating Department and the SBO.

5. Grantee immediately shall notify the Originating Department and SBO of any transfer or assignment of its contract with City, as well as any transfer or change in its ownership or business structure.
6. Grantee shall retain all records of its Consultant, Sub-Consultant, Contractor, Subcontractor and/or Supplier payments pursuant to this Agreement for a minimum of four (4) years or as required by state law, following the conclusion of this contract or, in the event of litigation concerning this Agreement, for a minimum of four (4) years or as required by state law following the final determination of litigation, whichever is later.
7. In instances wherein the SBO determines that a Commercially Useful Function is not actually being performed by the applicable S/M/WBE or HUBZone firms listed in Grantee's Sub-Contractor/Supplier Utilization Plan, Grantee shall not be given credit for the participation of its S/M/WBE or HUBZone Consultant(s), Sub-Consultant(s), Contractor(s), Subcontractor(s), Suppliers and/or joint venture partner(s) toward attainment of S/M/WBE or HUBZone firm utilization goals and Grantee and its listed S/M/WBE firms or HUBZone firms may be subject to sanctions and penalties, in accordance with the SBEDA Ordinance.
8. Grantee acknowledges that the CITY will not execute a contract or issue a Notice to Proceed for this project until the Grantee and each of its Subcontractors for this project have registered and/or maintained active status in the CITY's Centralized Vendor Registration System, and Grantee has represented to CITY which primary commodity codes each registered Subcontractor will be performing under for this contract.

E. SBEDA Program Compliance – Affirmative Procurement Initiatives

City has applied the following contract-specific Affirmative Procurement Initiatives to this Agreement. Grantee hereby acknowledges and agrees the selected API requirement also shall be extended to any change order or subsequent contract modification and, absent SBO's granting of a waiver, that its full compliance with the following API terms and conditions are material to its satisfactory performance under this Agreement:

M/WBE Subcontracting Program. In accordance with SBEDA Ordinance Section III. D. 2. (d), this contract is being awarded pursuant to the M/WBE Subcontracting Program. CONTRACTOR agrees to subcontract at least **twenty percent (20%)** of the contract value to certified M/WBE firms headquartered or having a significant business presence within the San Antonio Metropolitan Statistical Area (SAMSA);

Segmented M/WBE Goal. In accordance with SBEDA Ordinance Section III. D. 2. (e), this contract is being awarded pursuant to Segmented M/WBE Goals. CONTRACTOR agrees to subcontract at least **two percent (2%)** of the contract value to a certified African American Business Enterprise (AABE) firm headquartered or having a significant business presence within the San Antonio Metropolitan Statistical Area (SAMSA). This two percent (2%) subcontracting goal will also count toward the aforementioned twenty percent (20%) M/WBE subcontracting goal.

The Subcontractor / Supplier Utilization Plan that Grantee submitted to CITY for this contract (or, as appropriate, that it agrees to submit during the price proposal negotiation phase of this contract), and that contains the names of the certified SBE, M/WBE and AABE Subcontractors to be used by Grantee on this contract, the respective percentages of the total prime contract dollar value to be awarded and performed by each SBE, M/WBE and AABE Subcontractor, and documentation including a description of each SBE, M/WBE and AABE Subcontractor's scope of work and confirmation of each SBE, M/WBE and AABE Subcontractor's commitment to perform such scope of work for an agreed upon dollar amount is hereby attached and incorporated by reference into the material terms of this Agreement. In the absence of a waiver granted by the SBO, the failure of Grantee to attain this subcontracting goal for SBE, M/WBE and AABE firm participation in the performance of a Commercially Useful Function under the terms of its contract shall be a material breach and grounds for termination of the contract with the CITY, and may result in debarment from performing future CITY contracts, withholding of payment for retainage equal to the dollar amount of the underutilization below the agreed upon SBE, M/WBE and AABE subcontracting goal, and/or shall be subject to any other remedies available under the terms of this Agreement for violations of the SBEDA Ordinance, or under any other law.

F. Commercial Nondiscrimination Policy Compliance

As a condition of entering into this Agreement, Grantee represents and warrants it has complied with, throughout the course of this solicitation and contract award process and will continue to comply with, City's Commercial Nondiscrimination Policy, as described under Section III. C. 1. of the SBEDA Ordinance. As part of such compliance, Grantee shall not discriminate on the basis of race, color, religion, ancestry or national origin, sex, age, marital status, sexual orientation or, on the basis of disability or other unlawful forms of discrimination in the solicitation, selection, hiring or

3. willfully obstructs, impedes or attempts to obstruct or impede any authorized official or employee investigating the qualifications of a business entity which has requested Certification as an S/M/WBE or HUBZone firm;
4. fraudulently obtains, attempts to obtain or aids another person fraudulently obtaining or attempting to obtain public monies to which the person is not entitled under the terms of the SBEDA Ordinance; and
5. makes false statements to any entity that any other entity is or is not certified as an S/M/WBE for purposes of the SBEDA Ordinance.

Any person of entity violating the provisions of this **clause** shall be subject to the provisions of Section III. E. 13. of the SBEDA Ordinance and any other penalties, sanctions and remedies available under law including, but not limited to:

1. Suspension of contract;
2. Withholding of funds;
3. Rescission of contract based upon a material breach of contract pertaining to S/M/WBE Program compliance;
4. Refusal to accept a response or proposal; and
5. Disqualification of Grantee or other business firm from eligibility for providing goods or services to City for a period not to exceed two years (upon approval by the San Antonio City Council).

EXHIBIT E-1

COMMITMENT FORM

EXHIBIT F

CITY OF SAN ANTONIO DESIGN GUIDANCE MANUAL

INTENTIONALLY DELETED

EXHIBIT G

CERTIFICATE OF INTERESTED PARTIES (TEC Form 1295)

The Texas Government Code §2252.908, and the rules issued by the Texas Ethics Commission found in Title 1, Sections 46.1, 46.3 and 46.5 of the Texas Administrative Code, require a business entity to submit a completed Form 1295 to the City before the City may enter into a contract with that business entity.

Form 1295 must be completed online. It is available from the Texas Ethics Commission by accessing the following web address: https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm.

Print your completed Form 1295 and the certification of filing. Sign Form 1295 in front of a notary and submit it, along with the certification of filing, with your response to this solicitation. In Box 3 of Form 1295, provide the solicitation number shown on the cover page of this solicitation (e.g. IFB 6100001234, RFO 6100001234 or RFCSP 6100001234).

The following definitions found in the statute and Texas Ethics Commission rules may be helpful in completing Form 1295.

“Business entity” includes an entity through which business is conducted with a governmental entity or state agency, regardless of whether the entity is a for-profit or nonprofit entity. The term does not include a governmental entity or state agency.

“Controlling interest” means: (1) an ownership interest or participating interest in a business entity by virtue of units, percentage, shares, stock, or otherwise that exceeds 10 percent; (2) 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 (3) 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. Subsection (3) of this section does not apply to an officer of a publicly held business entity or its wholly owned subsidiaries.

“Interested party” means: (1) a person who has a controlling interest in a business entity with whom a governmental entity or state agency contracts; or (2) an intermediary.

“Intermediary,” for purposes of this rule, means a person who actively participates in the facilitation of the contract or negotiating the contract, including a broker, adviser, attorney, or representative of or agent for the business entity who:

- (1) receives compensation from the business entity for the person’s participation;
- (2) communicates directly with the governmental entity or state agency on behalf of the business entity regarding the contract; and
- (3) is not an employee of the business entity or of an entity with a controlling interest in the business entity.