

VENDOR

PURCHASE ORDER

TEXAS A&M FOREST SERVICE PURCHASING DEPARTMENT

 Order Date
10/27/2023

Page 01

200 Technology Way, Suite 1120, College Station, TX 77845-3424; Phone 979-458-7380, FAX 979-458-7386

Purchase Order No.	(Include this number on all correspondence and packages)
P400164	

 VENDOR GUARANTEES
MERCHANDISE DELIVERED ON
THIS ORDER WILL MEET OR
EXCEED SPECIFICATIONS IN
THE BID INVITATION.
INVOICE TO:
 TEXAS A&M FOREST SERVICE
FIAD--PURCHASING
200 TECHNOLOGY WAY, SUITE 1151
COLLEGE STATION TX 77845-3424

VENDOR
16118111570 B&B GENERAL CONTRACTORS LLC PO BOX 313 HEMPHILL, TX 75948-0313

 ALL TERMS AND
CONDITIONS SET
FORTH IN OUR BID
INVITATION BECOME
A PART OF THIS
ORDER.
SHIP TO:
 TEXAS A&M FOREST SERVICE
HUDSON OFFICE
155 TEXAS FOREST SERVICE LOOP
LUFKIN TX 75904

 ANY EXCEPTIONS TO PRICING OR DESCRIPTION CONTAINED HEREIN MUST BE APPROVED
BY THE TEXAS A&M FOREST SERVICE PURCHASING DEPARTMENT **PRIOR** TO SHIPPING.

 PLEASE NOTE: IF YOUR INVOICE IS NOT ADDRESSED AS INSTRUCTED
PAYMENT WILL BE DELAYED.

Item	Description	Quantity	UOM	Unit Price	Ext Price
1	USER REF: 000000-TMC Lump sum Construction cost of driveway and parking lots per all included documentation, drawings and specifications of bid IFB-24-003 ***** NET 30 ***** NOTE TO VENDOR: "SHIP TO" AND "INVOICE TO" ADDRESSES MAY DIFFER. FAILURE TO SUBMIT INVOICE TO PROPER ADDRESS MAY RESULT IN DELAYED PAYMENT. CONSTRUCTION OF DRIVEWAY AND PARKING LOTS IN HUDSON, TEXAS IN ACCORDANCE WITH IFB-24-003.	1	LOT	673,000.000	673,000.00
				TOTAL	673,000.00

TES

Texas A&M Forest Service cannot accept collect freight shipments.

FOB: DESTINATION FRT INCLUDED

Terms:

FAILURE TO DELIVER - If the vendor fails to deliver these supplies by the promised delivery date or a reasonable time thereafter, without giving acceptable reasons for delay, or if supplies are rejected for failure to meet specifications, the State reserves the right to purchase specified supplies elsewhere, and charge the increase in price and cost of handling, if any, to the vendor. No substitutions nor cancellations permitted without prior approval of Purchasing Department.

IN ACCORDANCE WITH YOUR BID, SUPPLIES/EQUIPMENT MUST BE PLACED IN THE DEPARTMENT RECEIVING ROOM BY

The State of Texas is exempt from all Federal Excise Taxes.

STATE AND CITY SALES TAX EXEMPTION CERTIFICATE: The undersigned claims an exemption from taxes under Texas Tax Code, Section 151.309 (4), for purchase of tangible personal property described in this numbered order, purchased from contractor and/or shipper listed above, as this property is being secured for the exclusive use of the State of Texas.

The Terms and Conditions of the State of Texas shall prevail.

THIS ORDER IS NOT VALID UNLESS SIGNED BY THE PURCHASING AGENT

 PURCHASING AGENT FOR
TEXAS A&M FOREST SERVICE

**THE TEXAS A&M UNIVERSITY SYSTEM
AGREEMENT BETWEEN OWNER AND CONTRACTOR**

THIS AGREEMENT is made this 26th day of October, 2023 between B&B Contractors, hereinafter called the "Contractor," and the Board of Regents of The Texas A&M University System, hereinafter called the "Owner." Capitalized terms used in this Agreement, unless otherwise defined herein, shall have the meanings ascribed to them in the Owner's current Uniform General Conditions (UGC).

WITNESSETH, that the Contractor and the Owner, for the consideration hereinafter named, agree as follows:

**ARTICLE I
SCOPE OF WORK**

The Contractor shall furnish all the materials and perform all the Work called for in the Contract Documents entitled: IFB-24-003 and addendum #1, Concrete Entry Road, Parking, & Lighting, Hudson TX, Project No. 81830 & revised site plan
Prepared by: James D. Dunn, Jr., PE

**ARTICLE II
TIME OF COMPLETION**

The Contractor shall begin Work on the date indicated in the Notice to Proceed to be issued by the Owner. The Work to be performed under the Contract shall be substantially completed by **68 consecutive calendar days** plus any extended days approved by the Owner, in accordance with the UGC, and shall be fully and finally completed within thirty (30) days thereafter. For each consecutive calendar day after the date of Substantial Completion, plus any extensions of time granted by Change Order, that the Work is not substantially completed, Contractor shall pay to Owner liquidated damages in accordance with the UGC.

**ARTICLE III
THE CONTRACT SUM**

The Owner shall pay the Contractor for the performance of the Contract, subject to additions and deductions provided therein, the sum of Six Hundred Seventy-Three Thousand Dollars and No Cents (\$673,000.00).

Contract Award Amount

ARTICLE IV PROGRESS PAYMENTS

The Owner shall make periodic payments as approved by the Owner in accordance with the UGC.

ARTICLE V ACCEPTANCE AND FINAL PAYMENT

Final payment shall be made after final acceptance of the Work, provided the Work is fully completed and the Contract fully performed as provided in the UGC.

ARTICLE VI LIENS

No mechanic, contractor, subcontractor, supplier or other person can or will contract for or in any manner have or acquire any lien upon the buildings or works covered by the Contract, or the land upon which the same is situated.

ARTICLE VII THE CONTRACT DOCUMENTS

The UGC, the Special Conditions, the Specifications, the Drawings, the Addenda issued prior to this Agreement, the Change Orders issued after this Agreement, the Historically Underutilized Business (HUB) Subcontracting Plan, this Agreement, and, to the extent not inconsistent with the foregoing documents, the Contractor's Technical Proposal (including any unit prices stated therein), form the Contract Documents. This Agreement supersedes all prior agreements, written or oral, between the Contractor and the Owner and shall constitute the entire agreement and understanding between the parties with respect to the Project. This Agreement and each of its provisions shall be binding upon the parties and may not be waived, modified, amended or altered except by a writing signed by authorized representatives of the Owner and the Contractor.

ARTICLE VIII MISCELLANEOUS PROVISIONS

Assignment. This Agreement is a personal service contract for the services of Contractor, and Contractor's interest in this Agreement, its duties and/or the fees due to Contractor may not be assigned or delegated to a third party.

Child Support Certification. A child support obligor who is more than 30 days delinquent in paying child support and a business entity in which obligor is a sole proprietor, partner, shareholder, or Owner with an Ownership interest of at least 25 percent is not eligible to receive payments from state funds under a contract to provide property, materials, or services until all arrearages have been paid or the obligor is in compliance with a written repayment agreement or court order as to any existing delinquency. The Family Code requires the following statement: "Under Section 231.006, Family Code, the vendor or applicant certifies that the individual or business entity named in this contract, bid, or application is not ineligible to receive the specified grant, loan, or payment and acknowledges that this contract may be terminated and payment may be withheld if this certification is inaccurate."

Eligibility Certification. A state agency may not accept a bid or award a contract that includes proposed financial participation by a person who received compensation from the agency to participate in preparing the specifications or request for proposals on which the bid or contract is based. The Government Code requires the following statement: "Under Section 2155.004, Government Code, the vendor certifies that the individual or business entity named in this bid or contract is not ineligible to receive the specified contract and acknowledges

that this contract may be terminated and payment withheld if this certification is inaccurate.”

Franchise Tax Certification. If Contractor is a taxable entity subject to the Texas Franchise Tax (Chapter 171, *Texas Tax Code*), then Contractor certifies that it is not currently delinquent in the payment of any franchise taxes or that Contractor is exempt from the payment of franchise taxes.

Payment of Debt or Delinquency to the State. Pursuant to Section 2252.903, *Texas Government Code*, Contractor agrees that any payments owing to Contractor under this Agreement may be applied directly toward any debt or delinquency that Contractor owes the State of Texas or any agency of the State of Texas regardless of when it arises, until such debt or delinquency is paid in full. "Debt or delinquency" means a debt, tax delinquency, student loan delinquency, or child support delinquency that results in a payment law prohibiting the comptroller from issuing a warrant or initiating an electronic funds transfer.

Entire Agreement; Modifications. This Agreement supersedes all prior agreements, written or oral, between Contractor and Owner and shall constitute the entire agreement and understanding between the parties with respect to the Project. This Agreement and each of its provisions shall be binding upon the parties and may not be waived, modified, amended or altered except by a writing signed by Contractor and Owner.

Captions. The captions of paragraphs in this Agreement are for convenience only and shall not be considered or referred to in resolving questions of interpretation or construction.

Governing Law and Venue. This Agreement is construed under and in accordance with the laws of the State of Texas, and is performable in the country in which the Project is located; however, mandatory venue for all legal proceedings against Owner is to be in the county in which the primary office of the chief executive officer is located.

Waivers. No delay or omission by either party in exercising any right or power arising from non-compliance or failure of performance by the other party with any of the provisions of this Agreement shall impair or constitute a waiver of any such right or power. A waiver by either party of any covenant or condition of this Agreement shall not be construed as a waiver of any subsequent breach of that or of any other covenant or condition of this Agreement.

Binding Effect. This Agreement shall be binding upon and inure to the benefit of the parties and their respective permitted assigns and successors.

Records Availability and Retention. Records of Contractor's costs, reimbursable expenses pertaining to the Project and payments shall be available to Owner or its authorized representative during business hours and shall be retained for four (4) years after final Payment or abandonment of the Project, unless Owner otherwise instructs Contractor in writing.

Severability. Should any term or provision of this Agreement be held invalid or unenforceable in any respect, the remaining terms and provisions shall not be affected and this Agreement shall be construed as if the invalid or unenforceable term or provision had never been included.

Illegal Dumping. Contractor shall ensure that it and all of its Subcontractors and assigns prevent illegal dumping of litter in accordance with Title 5, *Texas Health and Safety Code*, Chapter 365.

Notices. All notices, consents, approvals, demands, requests or other communications relied on by the parties shall be in writing. Written notice shall be deemed to have been given when delivered in person to the designated representative of Contractor or Owner for whom it is intended; or sent by U.S. Mail to the last known business address of the designated representative; or transmitted by fax machine to the last known business fax number of the designated representative. Mail notices are deemed effective upon receipt or on the third business

day after the date of mailing, whichever is sooner. Fax notices are deemed effective the next business day after faxing. Such notices of claims or disputes or other legal notices required by this Agreement shall be sent to the persons and at the locations set forth below.

Names and Addresses for Notices:

If to Owner:

Robby DeWitt, Associate Director for Finance and Administration
Texas A&M Forest Service
200 Technology Way, Suite 1120
College Station, Texas 77845

With Copies to:

Terry Smith, Purchasing Department Head
Texas A&M Forest Service
200 Technology Way, Suite 1120
College Station, Texas 77845

If to Contractor:

Brian Martin
B&B Contractors
P.O. Box 151943
Lufkin, TX 75915

The parties may make reasonable changes in the person or place designated for receipt of notices upon advance written notice to the other party.

Party Representatives

The Owner's Designated Representative authorized to act in the Owner's behalf with respect to the Project is:

Jimmy Dunn
Professional Engineer
Texas A&M Forest Service
200 Technology Way, Suite 1120
College Station, TX 77845

The Contractor's designated representative authorized to act on the Contractor's behalf and bind the Contractor with respect to the Project is:

Brian Martin
B&B Contractors
P.O. Box 151943
Lufkin, TX 75915

The parties may make reasonable changes in their designated representatives upon advance written notice to the other party and in accordance with Paragraph 22.15.

Public Information. Contractor acknowledges that Owner is obligated to strictly comply with the Public Information Act, Chapter 552, *Texas Government Code*, in responding to any request for public information pertaining to this Agreement, as well as any other disclosure of information required by applicable Texas law.

Upon Owner's written request, Contractor will provide specified public information exchanged or created under this Agreement for or on behalf of A&M System to Owner in a non-proprietary format acceptable to Owner.

Contractor acknowledges that Owner may be required to post a copy of the fully executed Agreement on its Internet website in compliance with Section 2261.253(a)(1), *Texas Government Code*.

In accordance with Section 552.372 of the Texas Government Code, Contractor agrees to (1) preserve all contracting information related to this project as provided by the records retention requirements applicable to the Owner for the duration of the contract, (2) promptly provide to the Owner any contracting information related to the contract that is in the custody or possession of the Contractor on request of the Owner, and (3) on termination or expiration of the contract, either provide at no cost to the Owner all contracting information related to the contract that is in the custody or possession of the Contractor or preserve the contracting information related to the contract as provided by the records retention requirements applicable to the Owner. Except as provided by Section 552.374(c) of the Texas Government Code, the requirements of Subchapter J, Chapter 552, Government Code, may apply to this contract and the Contractor agrees that the contract can be terminated if the Contractor knowingly or intentionally fails to comply with a requirement of that subchapter.

Contractor Certification regarding Boycotting Israel. Contractor acknowledges that Owner is obligated to comply with Chapter 2270, *Texas Government Code*. By executing this Agreement, Contractor certifies it does not and will not, during the performance of this Agreement, boycott Israel. Contractor acknowledges this Agreement may be terminated if this certification is inaccurate.

Contractor Certification regarding Business with Certain Countries and Organizations. Contractor acknowledges that Owner is obligated to comply with Subchapter F, Chapter 2252, *Texas Government Code*. By executing this Agreement, Contractor certifies it is not engaged in business with Iran, Sudan, or a foreign terrorist organization. Contractor acknowledges this Agreement may be terminated if this certification is inaccurate.

Prohibition on Contracts Related to Persons Involved in Human Trafficking. Under Section 2155.0061, Government Code, the vendor certifies that the individual or business entity named in this contract is not ineligible to receive the specified contract and acknowledges that this contract may be terminated and payment withheld if this certification is inaccurate.

Respondent is responsible to ensure that employees participating in work for any A&M System member have not been designated by the A&M System as Not Eligible for Rehire as defined in System policy 32.02, Section 4. Non-conformance to this requirement may be grounds for termination of any resultant agreement.

Disclosure of Interested Parties. By signature hereon, Contractor certifies that, if the value of this agreement exceeds \$1 Million, it has complied with Section 2252.908 of the Texas Government Code and Part 1 Texas Administrative Code Sections 46.1 through 46.3 as implemented by the Texas Ethics Commission (TEC), if applicable, and has provided the Owner with a fully executed TEC Form 1295, certified by the TEC and signed and notarized by the Contractor.

Domestic Iron and Steel Certification. Pursuant to Sections 2252.201-2252.205 of the Government Code, Service Provider certifies that it is in compliance with the requirement that any iron or steel product produced through a manufacturing process and used in the project is produced in the United States.

Contractor Verification Regarding Discrimination Against Firearm Entities or Trade Associations. Pursuant to Chapter 2274, Texas Government Code (enacted by SB 19, 87th Texas Legislature, Regular Session

(2021)), Contractor verifies (1) it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and (2) it will not discriminate during the term of this Agreement against a firearm entity or firearm trade association. Contractor acknowledges this Agreement may be terminated and payment withheld if this verification is inaccurate. [Note: This provision does not apply to: (1) contracts below \$100,000; (2) contracts with a sole-source provider; and (3) contracts with a non-profit entity, sole proprietorship, or a for-profit entity that has less than 10 full time employees. This provision should not be included in a contract if the University did not receive any bids from a company that is able to provide the written verification required above.

Contractor certifies that it does not require its customers to provide any documentation certifying the customer's COVID-19 vaccination or post-transmission recovery on entry to, to gain access to, or to receive service from the Contractor's business. Contractor acknowledges that such a vaccine or recovery requirement would make Contractor ineligible for a state-funded contract.

Contractor represents and warrants that: (1) it does not, and will not for the duration of the contract, boycott energy companies or (2) the verification required by Section 2274.002 of the Texas Government Code does not apply to the contract. If circumstances relevant to this provision change during the course of the contract, Contractor shall promptly notify Owner.

In accordance with Section 2155.4441 of the Texas Government Code, Contractor agrees that during the performance of a contract for services it shall purchase products and materials produced in Texas when they are available at a price and time comparable to products and materials produced outside this state.

Under Sections 2155.006 and 2261.053 of the Texas Government Code, the Contractor certifies that the individual or business entity named in this Contractor or contract is not ineligible to receive the specified contract and acknowledges that this contract may be terminated and payment withheld if this certification is inaccurate.

Contractor certifies that it and its principals are not suspended or debarred from doing business with the state or federal government as listed on the *State of Texas Debarred Vendor List* maintained by the Texas Comptroller of Public Accounts and the *System for Award Management (SAM)* maintained by the General Services Administration.

[SIGNATURES PROVIDED ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

BOARD OF REGENTS OF
THE TEXAS A&M UNIVERSITY SYSTEM
(THE OWNER)

By *AS Devin*
Director
Texas A&M Forest Service
Date 10/26/23

CONTRACTOR

Federal Tax I.D. No. 61-1811157

By *B. M.*
(Signature)
Brian Martin
Brian Martin

Date 10/26/23

APPROVAL RECOMMENDED:

Robley Schwitt
Associate Agency Director
Texas A&M Forest Service

Date 10/26/23

PERFORMANCE BOND

STATE OF TEXAS

COUNTY OF ANGELINA

KNOW ALL MEN BY THESE PRESENTS

That we, B&B Contractors, as Principal, and Lexon Insurance Company, as Surety, are hereby held and firmly bound unto the State of Texas in the penal sum of: Six Hundred Seventy Three Thousand Dollars (\$ 673,000) for the payment whereof, the said Principal and Surety bind themselves, their heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

The conditions of this obligation are such that, whereas the Principal entered into a certain contract (the "Contract"), which Contract is incorporated into this Performance Bond by this reference, with the State of Texas acting by and through the Board of Regents of The Texas A&M University System, as Oblige, dated _____ for the Parking Lot, Lighting & Entry Road, Texas A&M Forest Service, Hudson, Texas, Project No. 818030.

NOW, THEREFORE, if the Principal shall faithfully perform the Contract in accordance with the Contract Documents, including any warranties, and shall fully indemnify, and save harmless the State of Texas from all costs and damage that the State of Texas may suffer by reason of the Principal's default or failure to perform and shall fully reimburse and repay the State of Texas all outlay and expense that the State of Texas may incur in making good any such default or failure to perform, then this obligation shall be null and void, otherwise it shall remain in full force and effect.

In the event the Principal is declared in default under the Contract, Surety will, within fifteen (15) days of the determination of such default, take over and assume responsibility for completion of such Contract and become entitled to the payment of the balance of the Contract Price, or the Surety shall make other arrangements satisfactory to the Oblige for the completion of the defaulted Work. Conditioned upon the Surety's faithful performance of its obligations, the Surety's liability shall not exceed the penalty of this Bond.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the Work to be performed under the Contract or to the Specifications accompanying the same shall in any manner affect its obligation on this Performance Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the Work or to the Specifications.

The Surety agrees to pay to the State of Texas upon demand all loss and expenses, including attorney's fees and court costs, incurred by the State of Texas by reason of or on account of any breach of this obligation by the Surety. This Bond is issued pursuant to the requirements of Section 2253.021, Texas Government Code, as amended.

IN WITNESS WHEREOF, the Principal and Surety have executed and sealed this instrument this 24 day of October, 2023.

B&B Contractors

Principal

(PRINCIPAL'S SEAL, if a corporation)

By Brian MartinName: Brian MartinTitle: OwnerLexon Insurance Company

Surety

(SURETY'S SEAL)

By Gary EastmanName: Gary Eastman

Attorney-in-Fact

**** Performance Bond not required on projects of \$100,000 or less; only required on projects totaling > \$100,000.**

PAYMENT BOND

STATE OF TEXAS
COUNTY OF ANGELINA KNOW ALL MEN BY THESE PRESENTS

That we, B&B Contractors, as Principal, and Lexon Insurance Company, as Surety, are hereby held and firmly bound unto the State of Texas in the penal sum of Six Hundred Seventy Three Thousand Dollars (\$673,000) for the payment whereof, the said Principal and Surety bind themselves, their heirs, executors, administrators and successors, jointly and severally firmly by these presents.

The conditions of this obligation are such that, whereas the Principal entered into a certain contract (the AContract@), which Contract is incorporated into this Payment Bond by this reference, with the State of Texas acting by and through the Board of Regents of The Texas A&M University System, as Oblige, dated _____ for the Parking Lot, Lighting & Entry Road, Texas A&M Forest Service, Hudson, Texas Project No. 818030

NOW, THEREFORE, if the Principal shall promptly make payments to all claimants, as defined in Chapter 2253, Texas Government Code, supplying labor and materials in the prosecution of the work provided for in said Contract, then this obligation shall be null and void, otherwise it shall remain in full force and effect.

This Bond is made and entered into solely for the protection of all claimants supplying labor and material in the prosecution of the Work provided for in said Contract, and all such claimants shall have a direct right of action under the Bond as provided in Chapter 2253, Texas Government Code.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the Work to be performed under the Contract shall in any wise affect its obligation on this Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the Work to be performed under the Contract.

The Surety agrees to pay the State of Texas upon demand all loss and expense, including attorney's fees and court costs, incurred by the State of Texas by reason of or on account of any breach of this obligation by the Surety.

24 IN WITNESS WHEREOF, the Principal and Surety have duly signed and sealed this instrument this
day of October, 2023.

B&B Contractors, Principal

(PRINCIPAL'S SEAL)
if a corporation)

By: Brian Martin
Name: Brian Martin
Title: Owner

Lexon Insurance Company, Surety

(SURETY'S SEAL)

By: Gary Eastman
Name: Gary Eastman
Attorney-in-Fact

**** Payment Bond not required on projects of \$25,000 or less; only required on projects totaling >\$25,000.**



SOMPO INTERNATIONAL
INSURANCE

POWER OF ATTORNEY

10059

KNOW ALL BY THESE PRESENTS, that Endurance Assurance Corporation, a Delaware corporation, Endurance American Insurance Company, a Delaware corporation, Lexon Insurance Company, a Texas corporation, and/or Bond Safeguard Insurance Company, a South Dakota corporation, each, a "Company" and collectively, "Sompo International," do hereby constitute and appoint: Gary Eastman, Mike Lee as true and lawful Attorney(s)-in-Fact to make, execute, seal, and deliver for, and on its behalf as surety or co-surety; bonds and undertakings given for any and all purposes, also to execute and deliver on its behalf as aforesaid renewals, extensions, agreements, waivers, consents or stipulations relating to such bonds or undertakings provided, however, that no single bond or undertaking so made, executed and delivered shall obligate the Company for any portion of the penal sum thereof in excess of the sum of TEN MILLION Dollars (\$10,000,000.00).

Such bonds and undertakings for said purposes, when duly executed by said attorney(s)-in-fact, shall be binding upon the Company as fully and to the same extent as if signed by the President of the Company under its corporate seal attested by its Corporate Secretary.

This appointment is made under and by authority of certain resolutions adopted by the sole shareholder of each Company by unanimous written consent effective the 15th day of June, 2019, a copy of which appears below under the heading entitled "Certificate".

This Power of Attorney is signed and sealed by facsimile under and by authority of the following resolution adopted by the sole shareholder of each Company by unanimous written consent effective the 15th day of June, 2019 and said resolution has not since been revoked, amended or repealed:

RESOLVED, that the signature of an individual named above and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signature or seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, each Company has caused this instrument to be signed by the following officers, and its corporate seal to be affixed this 15th day of June, 2019.

Endurance Assurance Corporation

Endurance American Insurance Company

Lexon Insurance Company

Bond Safeguard Insurance Company

By: *Richard Appel*
Richard Appel; SVP & Senior Counsel

By: *Richard Appel*
Richard Appel; SVP & Senior Counsel

By: *Richard Appel*
Richard Appel; SVP & Senior Counsel

By: *Richard Appel*
Richard Appel; SVP & Senior Counsel



ACKNOWLEDGEMENT

On this 15th day of June, 2019, before me, personally came the above signatories known to me, who being duly sworn, did depose and say that he/she is an officer of each of the Companies; and that he executed said instrument on behalf of each Company by authority of his office under the by-laws of each Company.

By: *Amy Taylor*
Amy Taylor, Notary Public - My Commission Expires 5/9/23



CERTIFICATE

I, the undersigned Officer of each Company, DO HEREBY CERTIFY that:

1. That the original power of attorney of which the foregoing is a copy was duly executed on behalf of each Company and has not since been revoked, amended or modified; that the undersigned has compared the foregoing copy thereof with the original power of attorney, and that the same is a true and correct copy of the original power of attorney and of the whole thereof;
2. The following are resolutions which were adopted by the sole shareholder of each Company by unanimous written consent effective June 15, 2019 and said resolutions have not since been revoked, amended or modified:

"RESOLVED, that each of the individuals named below is authorized to make, execute, seal and deliver for and on behalf of the Company any and all bonds, undertakings or obligations in surety or co-surety with others: RICHARD M. APPEL, BRIAN J. BEGGS, CHRISTOPHER DONELAN, SHARON L. SIMS, CHRISTOPHER L. SPARRO, MARIANNE L. WILBERT
; and be it further

RESOLVED, that each of the individuals named above is authorized to appoint attorneys-in-fact for the purpose of making, executing, sealing and delivering bonds, undertakings or obligations in surety or co-surety for and on behalf of the Company."

3. The undersigned further certifies that the above resolutions are true and correct copies of the resolutions as so recorded and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal this 24th day of October, 2023.

By: *Daniel S. Lurie*
Daniel S. Lurie, Secretary

NOTICE: U.S. TREASURY DEPARTMENT'S OFFICE OF FOREIGN ASSETS CONTROL (OFAC)

No coverage is provided by this Notice nor can it be construed to replace any provisions of any surety bond or other surety coverage provided. This Notice provides information concerning possible impact on your surety coverage due to directives issued by OFAC. Please read this Notice carefully.

The Office of Foreign Assets Control (OFAC) administers and enforces sanctions policy, based on Presidential declarations of "national emergency". OFAC has identified and listed numerous foreign agents, front organizations, terrorists, terrorist organizations, and narcotics traffickers as "Specially Designated Nationals and Blocked Persons". This list can be located on the United States Treasury's website - <https://www.treasury.gov/resource-center/sanctions/SDN-List>.

In accordance with OFAC regulations, if it is determined that you or any other person or entity claiming the benefits of any coverage has violated U.S. sanctions law or is a Specially Designated National and Blocked Person, as identified by OFAC, any coverage will be considered a blocked or frozen contract and all provisions of any coverage provided are immediately subject to OFAC. When a surety bond or other form of surety coverage is considered to be such a blocked or frozen contract, no payments nor premium refunds may be made without authorization from OFAC. Other limitations on the premiums and payments may also apply.

Any reproductions are void.

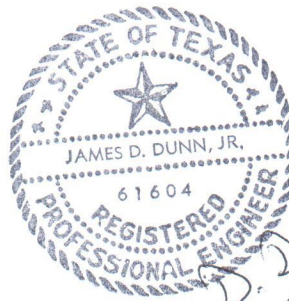
Surety Claims Submission: LexonClaimAdministration@sompo-intl.com

Telephone: 815-553-9500 Mailing Address: Sompo International; 12890 Lebanon Road; Mount Juliet, TN 37122-2870



TEXAS A&M
FOREST SERVICE

CONCRETE ENTRY ROAD, PARKING, & LIGHTING
HUDSON, TEXAS
PROJECT NO. 818030



James D. Dunn, Jr.
21 Sep 2023

CONCRETE ENTRY ROAD, PARKING,& LIGHTING
TEXAS A&M FOREST SERVICE
HUDSON, TEXAS
THE TEXAS A&M UNIVERSITY SYSTEM
PROJECT NO. 818030
SEPTEMBER 25, 2023

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BIDDING REQUIREMENTS

NOTICE OF PROJECT

Concrete Parking, Lighting & Entry Road
Texas A&M Forest Service
Hudson, Texas
March 2023 Project No. 818030

SCOPE OF WORK

Base Bid:

This project consists of furnishing labor, materials and equipment necessary for construction of a concrete parking lot and road in, including grading, electrical, pole lights and striping as indicated in the specifications and drawings.

INFORMATION AND BIDDING DOCUMENTS

A mandatory pre-bid conference and site inspection are required prior to bidding (Re. Instructions to Bidders p.4).

Specifications may be obtained electronically from the Texas Comptroller's Electronic State Business Daily website:
<https://www.txsmartbuy.com/esbd>

Search for agency: TX A&M Forest Service - 576 or by contacting Terry Smith, 979-458-7381.

RECEIPT OF BID-S

Sealed bids will be received until **2:00 PM, October 16th, 2023.** Bid documents may be submitted either:

by Email: bids@tfs.tamu.edu

or Mailed, delivered prior to bid opening time to **Mailing/Delivery address:**

Texas A&M Forest Service
ATTN: Terry Smith
200 Technology Way, Ste. 1120
College Station, Texas 77845-3424

Bidder is responsible to insure\confirm that all bid documents are properly received prior to deadline.

Bids will be opened at **2:00 PM on October 16th, 2023** at Texas A&M Forest Service Headquarters, 200 Technology Way, College Station, TX.

INSTRUCTIONS TO BIDDERS

MANDATORY PRE-BID CONFERENCE AND SITE INSPECTION

A mandatory Pre-Bid Conference will be held on site at 10:00AM October 4th, 2023, address 155 Texas Forest Service Loop, Hudson, Texas 75904.

Each Contractor shall be required to examine condition of the site. The Contractor shall sign in with the Owner's Representative and provide the following information in writing:

Company Name
Address
City, State
Phone Number/fax
Person's Name
Date/Time

To arrange for additional site inspections, contact **Kevin Runnels at 936-546-8010**.

Failure to comply with this section will be grounds for rejection of bid.

No information noted in the specifications shall relieve the Contractor of the responsibility of visiting the site and making such investigations as he/she may require.

PERFORMANCE and PAYMENT BONDS

Payment Bonds are not required on contracts of \$25,000 or less. Chapter 2253, Texas Government Code, T.C.S., requires that **if the Contract Sum exceeds \$25,000, the Contractor shall provide an executed Payment Bond and if the Contract Sum exceeds \$100,000, the Contractor shall also provide an executed Performance Bond. Bonds are not required until after award of the project.**

1. Each bond shall be executed and contain an embossed seal by a Surety(ies) on forms approved by the Attorney General of Texas. **Re. attached form.** If any Surety upon any bond furnished in connection with the Contract becomes insolvent, or otherwise not authorized to do business in the State, the Contractor shall promptly furnish equivalent security to protect the interests of the State and of persons supplying labor, materials and/or equipment in the performance of the Work.
2. Each bond shall have attached a valid Power-of-Attorney issued by the Surety, signed and sealed with the corporate embossed seal, authorizing the agent who signs the bond to commit the Surety to the terms of the bond, and stating the limit on the face of the Power-of-Attorney, if any, in the total amount for which the agent is empowered to issue a single bond.
3. The Owner may consider Performance and Payment Bonds only from a Surety authorized to do business in Texas.

The cost of any such bonding must be included in the Base Bid amount. No additional charges will be allowed for bonding. **Bonds must be executed on standard TAMUS forms. Re. attached form.**

HISTORICALLY UNDERUTILIZED BUSINESSES (HUBS)

For proposals totaling \$100,000 (Base Bid plus all Alternates) or more, a completed HUB Subcontracting Plan (HSP) must be submitted with the bid. This means at the same time. For proposals totaling less than \$100,000 an HSP is not required

A Historically Underutilized Business (HUB) is defined by statute as: (a) a corporation formed for the purpose of making a profit in which at least 51% of all classes of the shares of stock or other equitable securities are owned by one or more

persons who are socially disadvantaged because of their identification as members of certain groups, including Black Americans, Hispanic Americans, women, Asian Pacific Americans, and Native Americans, and have suffered effects of discriminatory practices or similar insidious circumstances over which they have no control; and, have a proportionate interest and demonstrate active participation in the control, operation, and management of the corporation's affairs; (b) a sole proprietorship created for the purpose of making a profit that is 100% owned, operated, and controlled by a person described in (a); (c) a partnership formed for the purpose of making a profit in which at least 51% of the assets and interest in the partnership is owned by one or more persons who are described in (a) and have a proportionate interest and demonstrate active participation in the control, operation, and management of the partnership's affairs; (d) a joint venture in which each entity in the joint venture is a HUB; or, (e) a supplier contract between a HUB and a prime contractor under which the HUB is directly involved in the manufacture or distribution of the supplies or materials or otherwise warehouses and ships the supplies.

A goal-oriented system, established by the 73rd Legislature, encourages prime contractors to award subcontracts to and make material and supply purchases from HUBs. The goal of 30% is based on the total value of the Contract

It is the contractor's responsibility to demonstrate to the State that a "good faith effort" has been made to meet the 30% goal. Examples of "good faith effort" are soliciting proposals from the Texas Certified Historically Underutilized Business Directory, reduce the size of subcontract packages, corresponding with HUB associations and advertising in HUB publications.

HUB SUBCONTRACTING PLAN (HSP)

HSP instructions and documents are included in specifications. Be aware, **at least (7) working days must be allowed** for HUBs to respond to notice prior to you submitting a bid.

For questions and/or assistance regarding the HSP, bidders are encouraged to contact Terry Smith, 979-458-7381 phone or tsmith@tfs.tamu.edu, Email for assistance. Bidders should not assume they know what constitutes an acceptable HUB Subcontracting Plan. Be advised to make this contact sooner rather than later to discuss the required elements and allow required time for HUB notice and response.

Commodity codes identified include but are not limited to the following:

914-30	Construction services, concrete, new
914-38	Construction service, Electrical, new
975-24	Construction equipment rentals

PURCHASE ORDER

Texas A&M Forest Service reserves the right to substitute the word "Purchase Order" for "Contract" in the documents whenever it feels that a signed Purchase Order will expedite the Project.

FINAL ACCEPTANCE AND PAYMENT

Schedule of Values: Prior to Notice to Proceed, Contractor shall submit a Schedule of Values detailing a breakdown of labor and material values for each division of work.

Progress Payments: Invoices for materials on site and labor to date may be submitted at monthly intervals. **Retainage shall be withheld from progress payments at the rate of 5% until after the final draw.**

Notification: When the work is completed, the Contractor shall notify the Engineer that the work will be ready for pre-final inspection on a definite date. Upon verification by the Engineer that the deficiencies found during pre-final inspection have been corrected and the work is ready for final inspection and acceptance, the Engineer will within 10 days make a final inspection, and when the work is found acceptable under the Contract documents, without exceptions, and the contract is fully preformed, the Owner will make final payment to the Contractor.

Final Payment Documentation: neither the final payment nor the remaining retained percentages shall become due until the Contractor submits to the Engineer (1) an affidavit that all payrolls, bills for materials and equipment, and other

indebtedness connected with the work for which the owner or its property might in any way be responsible, have been paid or will be paid or otherwise satisfied within thirty days after receipt of final payment from the Owner, or within the period of time required by Article 601f, T.C.S., (2) consent of surety, if any, to final payment and (3) if required by the Owner, other data establishing payment or satisfaction of all such obligations, such as receipts, release and waivers of claims arising out of the Contract, to the extent and in such form as may be designated by the Owner.

Final Payment: The making of final payment shall constitute a waiver of all claims by the Owner except those arising from: (1) faulty or defective work appearing after Beneficial Occupancy; (2) failure of the work to comply with the requirement of the contract documents; (3) terms of any special warranties required by the contract documents. Acceptance of Final Payment shall constitute a waiver of all claims by the Contractor except those specifically enumerated at the time of final payment.

CONTRACT FORMS

**THE TEXAS A&M UNIVERSITY SYSTEM
AGREEMENT BETWEEN OWNER AND CONTRACTOR**

THIS AGREEMENT is made this ____ day of _____, 202__ between _____, hereinafter called the “Contractor,” and the Board of Regents of The Texas A&M University System, hereinafter called the “Owner.” Capitalized terms used in this Agreement, unless otherwise defined herein, shall have the meanings ascribed to them in the Owner’s current Uniform General Conditions (UGC).

WITNESSETH, that the Contractor and the Owner, for the consideration hereinafter named, agree as follows:

**ARTICLE I
SCOPE OF WORK**

The Contractor shall furnish all the materials and perform all the Work called for in the Contract Documents entitled: _____
Prepared by: _____

**ARTICLE II
TIME OF COMPLETION**

The Contractor shall begin Work on the date indicated in the Notice to Proceed to be issued by the Owner. The Work to be performed under the Contract shall be substantially completed by _____ **consecutive calendar days** plus any extended days approved by the Owner, in accordance with the UGC, and shall be fully and finally completed within thirty (30) days thereafter. For each consecutive calendar day after the date of Substantial Completion, plus any extensions of time granted by Change Order, that the Work is not substantially completed, Contractor shall pay to Owner liquidated damages in accordance with the UGC.

**ARTICLE III
THE CONTRACT SUM**

The Owner shall pay the Contractor for the performance of the Contract, subject to additions and deductions provided therein, the sum of _____ (\$ _____).

Contract Award Amount

ARTICLE IV PROGRESS PAYMENTS

The Owner shall make periodic payments as approved by the Owner in accordance with the UGC.

ARTICLE V ACCEPTANCE AND FINAL PAYMENT

Final payment shall be made after final acceptance of the Work, provided the Work is fully completed and the Contract fully performed as provided in the UGC.

ARTICLE VI LIENS

No mechanic, contractor, subcontractor, supplier or other person can or will contract for or in any manner have or acquire any lien upon the buildings or works covered by the Contract, or the land upon which the same is situated.

ARTICLE VII THE CONTRACT DOCUMENTS

The UGC, the Special Conditions, the Specifications, the Drawings, the Addenda issued prior to this Agreement, the Change Orders issued after this Agreement, the Historically Underutilized Business (HUB) Subcontracting Plan, this Agreement, and, to the extent not inconsistent with the foregoing documents, the Contractor's Technical Proposal (including any unit prices stated therein), form the Contract Documents. This Agreement supersedes all prior agreements, written or oral, between the Contractor and the Owner and shall constitute the entire agreement and understanding between the parties with respect to the Project. This Agreement and each of its provisions shall be binding upon the parties and may not be waived, modified, amended or altered except by a writing signed by authorized representatives of the Owner and the Contractor.

ARTICLE VIII MISCELLANEOUS PROVISIONS

Assignment. This Agreement is a personal service contract for the services of Contractor, and Contractor's interest in this Agreement, its duties and/or the fees due to Contractor may not be assigned or delegated to a third party.

Child Support Certification. A child support obligor who is more than 30 days delinquent in paying child support and a business entity in which obligor is a sole proprietor, partner, shareholder, or Owner with an Ownership interest of at least 25 percent is not eligible to receive payments from state funds under a contract to provide property, materials, or services until all arrearages have been paid or the obligor is in compliance with a written repayment agreement or court order as to any existing delinquency. The Family Code requires the following statement: "Under Section 231.006, Family Code, the vendor or applicant certifies that the individual or business entity named in this contract, bid, or application is not ineligible to receive the specified grant, loan, or payment and acknowledges that this contract may be terminated and payment may be withheld if this certification is inaccurate."

Eligibility Certification. A state agency may not accept a bid or award a contract that includes proposed financial participation by a person who received compensation from the agency to participate in preparing the specifications or request for proposals on which the bid or contract is based. The Government Code requires the following statement: "Under Section 2155.004, Government Code, the vendor certifies that the individual or business entity named in this bid or contract is not ineligible to receive the specified contract and acknowledges

that this contract may be terminated and payment withheld if this certification is inaccurate.”

Franchise Tax Certification. If Contractor is a taxable entity subject to the Texas Franchise Tax (Chapter 171, *Texas Tax Code*), then Contractor certifies that it is not currently delinquent in the payment of any franchise taxes or that Contractor is exempt from the payment of franchise taxes.

Payment of Debt or Delinquency to the State. Pursuant to Section 2252.903, *Texas Government Code*, Contractor agrees that any payments owing to Contractor under this Agreement may be applied directly toward any debt or delinquency that Contractor owes the State of Texas or any agency of the State of Texas regardless of when it arises, until such debt or delinquency is paid in full. "Debt or delinquency" means a debt, tax delinquency, student loan delinquency, or child support delinquency that results in a payment law prohibiting the comptroller from issuing a warrant or initiating an electronic funds transfer.

Entire Agreement; Modifications. This Agreement supersedes all prior agreements, written or oral, between Contractor and Owner and shall constitute the entire agreement and understanding between the parties with respect to the Project. This Agreement and each of its provisions shall be binding upon the parties and may not be waived, modified, amended or altered except by a writing signed by Contractor and Owner.

Captions. The captions of paragraphs in this Agreement are for convenience only and shall not be considered or referred to in resolving questions of interpretation or construction.

Governing Law and Venue. This Agreement is construed under and in accordance with the laws of the State of Texas, and is performable in the country in which the Project is located; however, mandatory venue for all legal proceedings against Owner is to be in the county in which the primary office of the chief executive officer is located.

Waivers. No delay or omission by either party in exercising any right or power arising from non-compliance or failure of performance by the other party with any of the provisions of this Agreement shall impair or constitute a waiver of any such right or power. A waiver by either party of any covenant or condition of this Agreement shall not be construed as a waiver of any subsequent breach of that or of any other covenant or condition of this Agreement.

Binding Effect. This Agreement shall be binding upon and inure to the benefit of the parties and their respective permitted assigns and successors.

Records Availability and Retention. Records of Contractor's costs, reimbursable expenses pertaining to the Project and payments shall be available to Owner or its authorized representative during business hours and shall be retained for four (4) years after final Payment or abandonment of the Project, unless Owner otherwise instructs Contractor in writing.

Severability. Should any term or provision of this Agreement be held invalid or unenforceable in any respect, the remaining terms and provisions shall not be affected and this Agreement shall be construed as if the invalid or unenforceable term or provision had never been included.

Illegal Dumping. Contractor shall ensure that it and all of its Subcontractors and assigns prevent illegal dumping of litter in accordance with Title 5, *Texas Health and Safety Code*, Chapter 365.

Notices. All notices, consents, approvals, demands, requests or other communications relied on by the parties shall be in writing. Written notice shall be deemed to have been given when delivered in person to the designated representative of Contractor or Owner for whom it is intended; or sent by U.S. Mail to the last known business address of the designated representative; or transmitted by fax machine to the last known business fax number of the designated representative. Mail notices are deemed effective upon receipt or on the third business

day after the date of mailing, whichever is sooner. Fax notices are deemed effective the next business day after faxing. Such notices of claims or disputes or other legal notices required by this Agreement shall be sent to the persons and at the locations set forth below.

Names and Addresses for Notices:

If to Owner:

Robby DeWitt, Associate Director for Finance and Administration
Texas A&M Forest Service
200 Technology Way, Suite 1120
College Station, Texas 77845

With Copies to:

Terry Smith, Purchasing Department Head
Texas A&M Forest Service
200 Technology Way, Suite 1120
College Station, Texas 77845

If to Contractor:

[Name]
[Company Name]
[Address]
[City, State, Zip Code]

The parties may make reasonable changes in the person or place designated for receipt of notices upon advance written notice to the other party.

Party Representatives

The Owner's Designated Representative authorized to act in the Owner's behalf with respect to the Project is:

[Director Name], Director
Office of Facilities Planning & Construction
The Texas A&M University System
[Address]

The Contractor's designated representative authorized to act on the Contractor's behalf and bind the Contractor with respect to the Project is:

[Name]
[Company Name]
[Address]
[City, State, Zip Code]

The parties may make reasonable changes in their designated representatives upon advance written notice to the other party and in accordance with Paragraph 22.15.

Public Information. Contractor acknowledges that Owner is obligated to strictly comply with the Public Information Act, Chapter 552, *Texas Government Code*, in responding to any request for public information pertaining to this Agreement, as well as any other disclosure of information required by applicable Texas law.

Upon Owner's written request, Contractor will provide specified public information exchanged or created under this Agreement for or on behalf of A&M System to Owner in a non-proprietary format acceptable to Owner.

Contractor acknowledges that Owner **may be** required to post a copy of the fully executed Agreement on its Internet website in compliance with Section 2261.253(a)(1), *Texas Government Code*.

In accordance with Section 552.372 of the Texas Government Code, Contractor agrees to (1) preserve all contracting information related to this project as provided by the records retention requirements applicable to the Owner for the duration of the contract, (2) promptly provide to the Owner any contracting information related to the contract that is in the custody or possession of the Contractor on request of the Owner, and (3) on termination or expiration of the contract, either provide at no cost to the Owner all contracting information related to the contract that is in the custody or possession of the Contractor or preserve the contracting information related to the contract as provided by the records retention requirements applicable to the Owner. Except as provided by Section 552.374(c) of the Texas Government Code, the requirements of Subchapter J, Chapter 552, Government Code, may apply to this contract and the Contractor agrees that the contract can be terminated if the Contractor knowingly or intentionally fails to comply with a requirement of that subchapter.

Contractor Certification regarding Boycotting Israel. Contractor acknowledges that Owner is obligated to comply with Chapter 2270, *Texas Government Code*. By executing this Agreement, Contractor certifies it does not and will not, during the performance of this Agreement, boycott Israel. Contractor acknowledges this Agreement may be terminated if this certification is inaccurate.

Contractor Certification regarding Business with Certain Countries and Organizations. Contractor acknowledges that Owner is obligated to comply with Subchapter F, Chapter 2252, *Texas Government Code*. By executing this Agreement, Contractor certifies it is not engaged in business with Iran, Sudan, or a foreign terrorist organization. Contractor acknowledges this Agreement may be terminated if this certification is inaccurate.

Prohibition on Contracts Related to Persons Involved in Human Trafficking. Under Section 2155.0061, Government Code, the vendor certifies that the individual or business entity named in this contract is not ineligible to receive the specified contract and acknowledges that this contract may be terminated and payment withheld if this certification is inaccurate.

Respondent is responsible to ensure that employees participating in work for any A&M System member have not been designated by the A&M System as Not Eligible for Rehire as defined in System policy [32.02, Section 4](#). Non-conformance to this requirement may be grounds for termination of any resultant agreement.

Disclosure of Interested Parties. By signature hereon, Contractor certifies that, if the value of this agreement exceeds \$1 Million, it has complied with Section 2252.908 of the Texas Government Code and Part 1 Texas Administrative Code Sections 46.1 through 46.3 as implemented by the Texas Ethics Commission (TEC), if applicable, and has provided the Owner with a fully executed TEC Form 1295, certified by the TEC and signed and notarized by the Contractor.

Domestic Iron and Steel Certification. Pursuant to Sections 2252.201-2252.205 of the Government Code, Service Provider certifies that it is in compliance with the requirement that any iron or steel product produced through a manufacturing process and used in the project is produced in the United States.

Contractor Verification Regarding Discrimination Against Firearm Entities or Trade Associations. Pursuant to Chapter 2274, Texas Government Code (enacted by SB 19, 87th Texas Legislature, Regular Session

(2021)), Contractor verifies (1) it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and (2) it will not discriminate during the term of this Agreement against a firearm entity or firearm trade association. Contractor acknowledges this Agreement may be terminated and payment withheld if this verification is inaccurate. [Note: This provision does not apply to: (1) contracts below \$100,000; (2) contracts with a sole-source provider; and (3) contracts with a non-profit entity, sole proprietorship, or a for-profit entity that has less than 10 full time employees. This provision should not be included in a contract if the University did not receive any bids from a company that is able to provide the written verification required above.

Contractor certifies that it does not require its customers to provide any documentation certifying the customer's COVID-19 vaccination or post-transmission recovery on entry to, to gain access to, or to receive service from the Contractor's business. Contractor acknowledges that such a vaccine or recovery requirement would make Contractor ineligible for a state-funded contract.

Contractor represents and warrants that: (1) it does not, and will not for the duration of the contract, boycott energy companies or (2) the verification required by Section 2274.002 of the Texas Government Code does not apply to the contract. If circumstances relevant to this provision change during the course of the contract, Contractor shall promptly notify Owner.

In accordance with Section 2155.4441 of the Texas Government Code, Contractor agrees that during the performance of a contract for services it shall purchase products and materials produced in Texas when they are available at a price and time comparable to products and materials produced outside this state.

Under Sections 2155.006 and 2261.053 of the Texas Government Code, the Contractor certifies that the individual or business entity named in this Contractor or contract is not ineligible to receive the specified contract and acknowledges that this contract may be terminated and payment withheld if this certification is inaccurate.

Contractor certifies that it and its principals are not suspended or debarred from doing business with the state or federal government as listed on the *State of Texas Debarred Vendor List* maintained by the Texas Comptroller of Public Accounts and the *System for Award Management (SAM)* maintained by the General Services Administration.

[SIGNATURES PROVIDED ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

BOARD OF REGENTS OF
THE TEXAS A&M UNIVERSITY SYSTEM
(THE OWNER)

By _____
Director
Texas A&M Forest Service

Date _____

CONTRACTOR

Federal Tax I.D. No. _____

By _____
(Signature)

(Print or Type Name)

Date _____

APPROVAL RECOMMENDED:

Associate Agency Director
Texas A&M Forest Service

Date _____

PERFORMANCE BOND

STATE OF TEXAS

COUNTY OF **ANGELINA** KNOW ALL MEN BY THESE PRESENTS

That we, _____, as Principal, and _____, as Surety, are hereby held and firmly bound unto the State of Texas in the penal sum of: _____ Dollars (\$ _____) for the payment whereof, the said Principal and Surety bind themselves, their heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

The conditions of this obligation are such that, whereas the Principal entered into a certain contract (the "Contract"), which Contract is incorporated into this Performance Bond by this reference, with the State of Texas acting by and through the Board of Regents of The Texas A&M University System, as Oblige, dated _____ for the **Parking Lot, Lighting & Entry Road, Texas A&M Forest Service, Hudson, Texas**, Project No. **818030**

NOW, THEREFORE, if the Principal shall faithfully perform the Contract in accordance with the Contract Documents, including any warranties, and shall fully indemnify, and save harmless the State of Texas from all costs and damage that the State of Texas may suffer by reason of the Principal's default or failure to perform and shall fully reimburse and repay the State of Texas all outlay and expense that the State of Texas may incur in making good any such default or failure to perform, then this obligation shall be null and void, otherwise it shall remain in full force and effect.

In the event the Principal is declared in default under the Contract, Surety will, within fifteen (15) days of the determination of such default, take over and assume responsibility for completion of such Contract and become entitled to the payment of the balance of the Contract Price, or the Surety shall make other arrangements satisfactory to the Oblige for the completion of the defaulted Work. Conditioned upon the Surety's faithful performance of its obligations, the Surety's liability shall not exceed the penalty of this Bond.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the Work to be performed under the Contract or to the Specifications accompanying the same shall in any manner affect its obligation on this Performance Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the Work or to the Specifications.

The Surety agrees to pay to the State of Texas upon demand all loss and expenses, including attorney's fees and court costs, incurred by the State of Texas by reason of or on account of any breach of this obligation by the Surety. This Bond is issued pursuant to the requirements of Section 2253.021, Texas Government Code, as amended.

IN WITNESS WHEREOF, the Principal and Surety have executed and sealed this instrument this _____ day of _____, 2023.

Principal

(PRINCIPAL'S SEAL if a corporation)

By: _____

Name: _____

Title: _____

Surety

(SURETY'S SEAL)

By: _____

Name: _____

Attorney-in-Fact

**** Performance Bond not required on projects of \$100,000 or less; only required on projects totaling > \$100,000.**

PAYMENT BOND

STATE OF TEXAS

COUNTY OF *ANGELINA*

KNOW ALL MEN BY THESE PRESENTS

That we, _____, as Principal, and _____, as Surety, are hereby held and firmly bound unto the State of Texas in the penal sum of: _____ Dollars
(_____) for the payment whereof, the said Principal and Surety bind themselves, their heirs, executors, administrators and successors, jointly and severally firmly by these presents.

The conditions of this obligation are such that, whereas the Principal entered into a certain contract (the AContract@), which Contract is incorporated into this Payment Bond by this reference, with the State of Texas acting by and through the Board of Regents of The Texas A&M University System, as Obligee, dated _____ for the **Parking Lot, Lighting & Entry Road, Texas A&M Forest Service, Hudson, Texas** Project No. **818030**

NOW, THEREFORE, if the Principal shall promptly make payments to all claimants, as defined in Chapter 2253, Texas Government Code, supplying labor and materials in the prosecution of the work provided for in said Contract, then this obligation shall be null and void, otherwise it shall remain in full force and effect.

This Bond is made and entered into solely for the protection of all claimants supplying labor and material in the prosecution of the Work provided for in said Contract, and all such claimants shall have a direct right of action under the Bond as provided in Chapter 2253, Texas Government Code.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the Work to be performed under the Contract shall in any wise affect its obligation on this Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the Work to be performed under the Contract.

The Surety agrees to pay the State of Texas upon demand all loss and expense, including attorney=s fees and court costs, incurred by the State of Texas by reason of or on account of any breach of this obligation by the Surety.

IN WITNESS WHEREOF, the Principal and Surety have duly signed and sealed this instrument this _____ day of _____, 2023.

_____, Principal

(PRINCIPAL'S SEAL)
if a corporation)

By: _____

Name: _____

Title: _____

_____, Surety

(SURETY'S SEAL)

By: _____

Name: _____

Attorney-in-Fact

**** Payment Bond not required on projects of \$25,000 or less; only required on projects totaling >\$25,000.**

PROVISIONS OF THE CONTRACT

Uniform General Conditions for THE TEXAS A&M UNIVERSITY SYSTEM

For use on all Texas A&M University System and Institutional Construction Projects

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Article 1. Definitions

Unless the context clearly requires another meaning, the following terms have the meaning assigned herein:

- 1.1 *Addendum/Addenda* means formally issued written or graphic modifications and/or interpretations of the Construction Documents that may add to, delete from, clarify or correct the description and/or scope of the Work. Addenda are issued during the bidding phase of the Project.
- 1.2 *Application for Payment* means Contractor's monthly partial invoice for payment that includes any portion of the Work that has been completed for which an invoice has not been submitted and performed in accordance with the requirements of the Contract Documents. The Application for Payment accurately reflects the progress of the Work, is itemized based on the Schedule of Values and shall not include subcontracted items for which Contractor does not intend to pay.
- 1.3 *Application for Final Payment* means Contractor's final invoice for payment that includes any portion of the Work that has been completed for which an invoice has not been submitted, amounts owing to adjustments to the final Contract Sum resulting from approved change orders, and release of remaining Contractor's retainage.
- 1.4 *Architect/Engineer (A/E)* means a person registered as an architect pursuant to Tex. Occ. Code Ann., Chapter 1051, as a landscape architect pursuant to Tex. Occ. Code Ann., Chapter 1052, a person licensed as a professional engineer pursuant to Tex. Occ. Code Ann., Chapter 1001 and/or a firm employed by Owner or a Design-Build contractor to provide professional architectural or engineering services and to exercise overall responsibility for the design of a Project or a significant portion thereof, and to perform the contract administration responsibilities set forth in the Contract.
- 1.5 *Baseline Schedule* means the accepted comprehensive work progress schedule, taking into account subcontractor and supplier input, incorporating all prior comments received from the ODR on the previous work progress schedules. This Baseline Schedule shall be submitted by the contractor within 90 days of the NTP. This schedule is prepared by the Contractor for the Owner's information and acceptance which conveys Contractor's and its Subcontractors' activities (including coordination and review activities required in the Contract Documents to be performed by A/E and ODR), durations, and sequence of work related to the entire Project to the extent required by the Contract Documents. The schedule clearly demonstrates the critical path of activities, durations and necessary predecessor conditions which drive the end date of the schedule. The Baseline Schedule shall not exceed the time limit current under the Contract Documents. All subsequent Work Progress Schedules shall make comparisons to the Baseline Schedule as a means of analyzing progress.
- 1.6 *Building Information Modeling (BIM)* is a digital representation of physical and functional characteristics of a facility. As such it serves as a shared knowledge

resource for information about a facility forming a reliable basis for decisions during its life-cycle from inception onward. A basic premise of BIM is collaboration by different stakeholders at different phases of the life cycle of a facility to insert, extract, update or modify information in the BIM process to support and reflect the roles of that stakeholder. The BIM is a shared digital representation founded on open standards for interoperability.

- 1.7 *Certificate of Final Completion* means the certificate issued by Owner that documents, to the best of all parties' knowledge and understanding, Contractor's completion of all Contractor's Punchlist items and pre-final Punchlist items, final cleanup and Contractor's provision of Record Documents, operations and maintenance manuals, and all other closeout documents required by the Contract Documents.
- 1.8 *Certificate of Substantial Completion* means the certificate executed by the A/E, ODR and Contractor that documents to the best of A/E's and ODR's knowledge and understanding, Contractor's sufficient completion of the work in accordance with the Contract, so as to be operational and fit for the use intended.
- 1.9 *Change Order* means a written modification of the Contract between the Owner and Contractor, signed by the Owner, the Contractor and the A/E.
- 1.10 *Close-out Documents* means the product brochures, submittals, product/equipment maintenance and operations instructions, manuals, and other documents/warranties, Record Documents, affidavit of payment, release of lien and claim, and as may be further defined, identified, and required by the Contract Documents.
- 1.11 *Construction Manager-at-Risk*, in accordance with Tex. Educ. Code § 51.782, means a sole proprietorship, partnership, corporation, or other legal entity that assumes the risk for construction, rehabilitation, alteration, or repair of a facility at the contracted price as a general contractor and provides consultation to Owner regarding construction during and after the design of the facility.
- 1.12 *Contract* means the entire agreement between the Owner and the Contractor, including all of the Contract Documents.
- 1.13 *Contract Date* is the date when the agreement between the Owner and the Contractor becomes effective.
- 1.14 *Contract Documents* means those documents identified as a component of the agreement (Contract) between the Owner and the Contractor. These may include, but are not limited to, Drawings, Specifications, these Uniform General Conditions, Special Conditions, Change Orders, and all pre-bid and/or pre-proposal addenda.
- 1.15 *Contract Sum* means the total compensation payable to the Contractor for completion of the Work in accordance with the terms of the Contract.
- 1.16 *Contract Time* means the period between the date identified in the Notice to Proceed and the Substantial Completion date or as subsequently amended by Change Order.

- 1.17 *Contractor* means the individual, corporation, company, partnership, firm or other entity contracted to perform the Work, regardless of the type of construction contract used, so that the term as used herein includes a Construction Manager-at-Risk or a Design-Build firm as well as General or Prime Contractor. The Contract Documents refer to Contractor as if singular in number.
- 1.18 *Day* means a calendar day, unless otherwise specifically stipulated.
- 1.19 *Design-Build*, in accordance with Tex. Educ. Code § 51.780, means a team, partnership, or legal entity that includes design professionals and a builder in which the design and subsequent construction is provided through a single Contract with a Design-Build firm.
- 1.20 *Drawings* means that product of the A/E which graphically depicts the Work.
- 1.21 *Final Completion* means the date determined and certified by the A/E and Owner on which the Work is fully and satisfactorily complete in accordance with the Contract.
- 1.22 *Final Payment* means the last and final monetary compensation made to a Contractor for any portion of the Work that has been completed and accepted for which payment has not been made, amounts owing to adjustments to the final Contract Sum resulting from approved Change Orders, and release of Contractor's retainage.
- 1.23 *Historically Underutilized Business (HUB)* pursuant to Tex. Gov't Code, Ch. 2161, means a for-profit entity that has not exceeded the size standard prescribed by 34 TAC §20.294, and has its principal place of business in Texas, and is at least 51 percent owned by an Asian Pacific American, Black American, Hispanic American, Native American, American woman and /or Service Disabled Veteran with a Service related disability of 20% or greater, who reside in Texas and actively participate in the control, operations and management of the entity's affairs.
- 1.24 *Notice to Proceed* means the written document informing Contractor of the date to commence Work and fully complete the Work within the time specified in the Contract.
- 1.25 *Owner* means The Board of Regents of The Texas A&M University System, acting through the delegated entity of The Texas A&M University System or one of its Institutions as identified in the Contract as Owner.
- 1.26 *Owner's Designated Representative (ODR)* means the individual assigned by the Owner to act on its behalf, and to undertake certain activities as specifically outlined in the Contract. The ODR is the only party authorized to direct changes to the scope, cost, or time of the Contract.
- 1.27 *Potential Change Log (PC)* means a Contractor maintained document that informs the Owner of a potential change in the Work and appropriately describes or otherwise documents such change including a preliminary cost and time impact. An

item on the Potential Change Log does not modify the Contract.

- 128 *Progress Assessment Report (PAR)* means the monthly compliance report to Owner verifying compliance with the HUB subcontracting plan (HSP).
- 129 *Project* means all activities necessary for realization of the Work. This includes design, Contract award(s), execution of the Work itself, and fulfillment of all Contract and warranty obligations.
- 130 *Punchlist* means a list of items of Work to be completed or corrected by Contractor after Substantial Completion. Punch lists indicate items to be finished, remaining Work to be performed, or Work that does not meet quality or quantity requirements as required in the Contract Documents.
- 131 *Record Documents* mean the drawing set, Specifications, and other materials maintained by Contractor that documents all Addenda, Architect's Supplemental Instructions, Change Orders and postings and markings that record the as-constructed conditions of the Work and all changes made during construction.
- 132 *Request for Information (RFI)* means a written request by Contractor directed to A/E or ODR for a clarification of the information provided in the Contract Documents or for direction concerning information necessary to perform the Work that needs to be clarified in may be omitted from the Contract Documents.
- 133 *Samples* mean representative physical examples of materials, equipment or workmanship, used to confirm compliance with requirements and/or to establish standards for use in execution of the Work.
- 134 *Schedule of Values* means the detailed breakdown of the cost of the materials, labor and equipment necessary to accomplish the Work as described in the Contract Documents, submitted by Contractor for approval by Owner and A/E.
- 135 *Shop Drawings* means the drawings, diagrams, illustrations, schedules, performance charts, brochures and other data prepared by the Contractor or its agents, which detail a portion of the Work.
- 136 *Site* means the geographical area of the location of the Work.
- 137 *Special Conditions* means the documents containing terms and conditions, which may be unique to the Project. Special Conditions are a part of the Contract Documents and have precedence over these Uniform General Conditions.
- 138 *Specifications* mean the written product of the A/E that establishes the quality and/or performance of products utilized in the Work and processes to be used, including testing and verification for producing the Work.
- 139 *Subcontractor* means a business entity that enters into an agreement with the Contractor to perform part of the Work or to provide services, materials or equipment for use in the Work.
- 140 *Submittal Register* means a list provided by Contractor of all items to be

furnished for review and approval by A/E and Owner and as identified in the Contract Documents including anticipated sequence and submittal dates.

- 141 *Substantial Completion* means the date determined and certified by the Contractor, A/E and Owner when the Work or a designated portion thereof is sufficiently complete, in accordance with the Contract, so as to be operational and fit for the use intended. Fit for use intended would include but not be limited to the authority having jurisdiction designation that the Work or a designated portion thereof can be occupied.
- 142 *Supplementary General Conditions* mean procedures and requirements that modify the Uniform General Conditions. Supplementary General Conditions, when used, have precedence over the Uniform General Conditions.
- 143 *Unilateral Change Order* means a Change Order issued by the Owner without the complete agreement of the Contractor as to cost and/or time.
- 144 *Unit Price Work* means Work or a portion of the Work paid for based on incremental units of measurement.
- 145 *Work* means the administration, procurement, materials, equipment, construction and all services necessary for the Contractor, and/or its agents, to fulfill the Contractor's obligations under the Contract.
- 146 *Work Progress Schedule* means the initial and subsequent updated time schedules prepared and monitored by Contractor that accurately indicates all necessary appropriate revisions as required by the conditions of the Work and the Project while maintaining a concise comparison to the Baseline Schedule.

Article 2. Wage Rates and Other Laws Governing Construction

- 21. Environmental Regulations. The Contractor shall conduct activities in compliance with applicable laws and regulations and other requirements of the Contract relating to the environment and its protection at all times. Unless otherwise specifically determined, the Owner is responsible for obtaining and maintaining permits related to stormwater run-off. The Contractor shall conduct operations consistent with stormwater run-off permit conditions. Contractor is responsible for all items it brings to the Site, including hazardous materials, and all such items brought to the Site by its Subcontractors and suppliers, or by other entities subject to direction of the Contractor. The Contractor shall not incorporate hazardous materials into the Work without prior approval of Owner, and shall provide an affidavit attesting to such in association with the request for the Substantial Completion Inspection.
- 22. Wage Rates. The Contractor shall not pay less than the wage scale of the various classes of labor as shown on the "Prevailing Wage Schedule" provided by the Owner. The specified wage rates are minimum rates only. The Owner is not bound to pay any claims for additional compensation made by any contractor because the Contractor pays wages in excess of the applicable minimum rate contained in the

Contract. The “Prevailing Wage Schedule” is not a representation that qualified labor adequate to perform the Work is available locally at the prevailing wage rates.

2.2.1 Notification to Workers. Contractor shall post the prevailing wage schedule in a place conspicuous to all workers on the Project Site. When requested by Owner, Contractor shall furnish evidence of compliance with the Texas Prevailing Wage Law and the addresses of all workers.

2.2.1.1 Pursuant to Tex. Gov’t Code § 2258.024, Contractor shall keep, on site, true and accurate records showing the name and occupation of each worker employed by the Contractor or its Subcontractors and the actual per diem wages paid to each worker. The record shall be open to inspection by the ODR and their agents at all reasonable hours for the duration of the Contract.

2.2.1.2 With each application for progress payment, Contractor shall provide classification and wage information for all new workers to the Work and make available upon request certified payroll records, including from its Subcontractors of any tier level, on Form WH-347 as promulgated by the U.S. Department of Labor, as may be revised from time to time and in unlocked and unprotected Excel format, along with copies of any and all Contract Documents between Contractor and any Subcontractors. Pursuant to Tex. Penal Code §§ 37.02 and 37.10, Employees of Contractor and its Subcontractors, including all tier levels, shall be subject to prosecution for submitting certified payroll records that contain materially false information.

2.2.1.3 The “Prevailing Wage Schedule” is determined by the Owner in compliance with Tex. Gov’t Code, Chapter 2258. Should the Contractor at any time become aware that a particular skill or trade not reflected on the Owner’s Prevailing Wage Schedule will be or is being employed in the Work, whether by the Contractor or by a Subcontractor, the Contractor shall promptly inform the ODR. Contractor shall identify, briefly describe, and request a predetermination of rates for crafts (or apprentice programs) not included in the Project’s Prevailing Wage Schedule. Such request shall be made within 15 days after Contract award to Terry Smith, 979-458-7381.

2.2.1.4 Apprentices who are enrolled in a federally certified apprenticeship program may be used at the percentage rates of the journeyman scale stipulated in their apprenticeship agreement.

2.2.1.5 The Contractor is responsible for determining the most appropriate wage for a particular skill in relation to similar skills or trades identified on the Prevailing Wage Schedule. In no case shall any worker be paid less than the wage indicated for Laborers.

- 2.2.1.6 Pursuant to Tex. Labor Code § 214.008, Misclassification of Workers; Penalty. The Owner requires Contractor and all its Subcontractors properly classify individuals as Employees or Independent Contractors.
- 2.2.2 Penalty for Violation. The Contractor and its Subcontractor will pay to the State a penalty of sixty dollars (\$60) for each worker employed for each calendar day, or portion thereof, that the worker is paid less than the wage rates stipulated in the Prevailing Wage Schedule.
- 2.2.3 Complaints of Violations.
 - 2.2.3.1 Owner's Determination of Good Cause. Upon receipt of information concerning a violation, Owner will conduct an investigation in accordance with Tex. Gov't Code, Ch. 2258 and make an initial determination as to whether good cause exists that a violation occurred. Upon making a good cause finding, Owner will retain the full amounts claimed by the claimant or claimants as the difference between wages paid and wages due under the prevailing wage schedule and any supplements thereto, together with the applicable penalties in accordance with Tex. Gov't Code § 2258.023, such amounts being subtracted from successive progress payments pending a final decision on the violation
 - 2.2.3.2 No Extension of Time. If the Owner's determination proves valid that good cause existed to believe a violation had occurred, the Contractor is not entitled to an extension of time for any delay arising directly or indirectly from the arbitration procedures.
 - 2.2.3.3 Cooperation with Owner's Investigation. Contractor shall cooperate with Owner during any investigations hereunder. Such cooperation shall include, but not necessarily be limited to, timely providing the information and/or documentation requested by Owner, which may include certified payroll records on Form WH-347 as promulgated by the U.S. Department of Labor, as may be revised from time to time and in unlocked and unprotected Excel format; and copies of any and all Contract Documents between Contractor and any Subcontractors.
 - 2.2.3.4 Notification to Owner. In the event Contractor or its Subcontractor elect to appeal an initial determination made pursuant to Paragraph 2.2.3.1, the Contractor and/or Subcontractor, as applicable, shall deliver notice thereof to Owner.
- 23. The venue for any suit arising from the Contract will be in a court of competent jurisdiction in Brazos County, Texas, or as may otherwise be designated in the Owner's Special Conditions.
- 24. Licensing of Trades. The Contractor shall comply with all applicable provisions of state law related to license requirements for skilled tradesmen, contractors, suppliers

and/or laborers, as necessary to accomplish the Work. In the event the Contractor, or one of its Subcontractors, loses its license during the term of performance of the Contract, the Contractor shall promptly hire or contract with a licensed provider of the service at no additional cost to the Owner.

25. Royalties, Patents and Copyrights. Contractor shall pay all royalties and license fees, defend suits or claims for infringement of copyrights and patent rights, and shall hold Owner harmless from loss on account thereof, but shall not be responsible for such defense or loss when a particular design, process or product of a particular manufacturer or manufacturers is required by the Contract Documents, or where the copyright violations are contained in Drawings, Specifications or other documents prepared by Owner or A/E. However, if Contractor has reason to believe that the required design, process, or product is an infringement of a copyright or a patent, Contractor shall be responsible for such loss unless such information is promptly furnished to A/E.
26. State Sales and Use Taxes. The Owner qualifies for exemption from certain State and Local Sales and Use Taxes pursuant to the provisions of Tex. Tax Code, Chapter 151. Upon request from Contractor, Owner shall furnish evidence of tax exempt status. The Contractor may claim exemption from payment of applicable State taxes by complying with such procedures as prescribed by the State Comptroller of Public Accounts. Owner acknowledges not all items qualify for exemption. Contractor shall not be entitled to reimbursement for taxes paid on items that are exempt from taxation.
27. Domestic Iron and Steel Requirement. Pursuant to Sections 2252.201- 2252.205 of the Tex. Gov't Code, Contractor shall require that any iron or steel product produced through a manufacturing process and used in the Project be produced in the United States. Contractor will require that the bid documents provided to all bidders and the contract include this same requirement.
28. In accordance with State Law, all persons performing Work requiring digging or ground penetration are required to call 811 in advance and provide detailed information regarding planned Work. Notification shall occur not earlier than the 14th day prior to the date excavation is to begin or later than 48 hours before the excavation is to begin, excluding weekends and holidays. Additional information can be found at <http://www.texas811.org>. Prior to beginning excavation, the Contractor shall verify that all utility providers have responded to the 811 ticket.
29. Prior to any use of an unmanned aerial system the Contractor or its Subcontractor shall complete the TAMUS UAS Flight Application, which is located at the following website <https://www.tamus.edu/business/risk-management/uas/>. This application shall be submitted a minimum of 14 days prior to the planned flight. The Contractor shall provide the ODR the application and the approval notification.

Article 3. General Responsibilities of Owner and Contractor

31. Owner's General Responsibilities. The Owner is the entity identified as such in the Contract and referred to throughout the Contract Documents as if singular in number.

- 3.1.1 Preconstruction Conference. Prior to, or concurrent with, the issuance of the Notice to Proceed with Construction, a conference will be convened for attendance by the Owner, Contractor, A/E and appropriate Subcontractors. The purpose of the conference is to establish a working understanding among the parties as to the Work, the operational conditions at the Project Site, and general administration of the Project. Topics include communications, schedules, procedures for handling Shop Drawings and other submittals, processing Applications for Payment, maintaining required records and all other matters of importance to the administration of the Project and effective communications between the Project team members.
- 3.1.2 Owner's Designated Representative. Prior to the start of construction, Owner will identify the Owner's Designated Representative (ODR), who has the express authority to act and bind the Owner to the extent and for the purposes described in the various Articles of the Contract, including responsibilities for general administration of the Contract.
- 3.1.2.1 Unless otherwise specifically defined elsewhere in the Contract Documents, the ODR is the single point of contact between the Owner and Contractor. Notice to the ODR, unless otherwise noted, constitutes notice to the Owner under the Contract.
- 3.1.2.2 All directives on behalf of the Owner will be conveyed to the Contractor by the ODR in writing.
- 3.1.2.3 The ODR will furnish or cause to be furnished, free of charge, a digital set of the Drawings, Specifications, and Addenda.
- 3.1.2.4 The ODR will establish the protocol for planning, scheduling and documenting progress meetings with provisions for absence of various Project team members that have a key role in these duties.
- 3.1.3 Owner Supplied Materials and Information.
- 3.1.3.1 The Owner will furnish to the Contractor those surveys describing the physical characteristics, legal description, limitations of the Site, site utility locations, and other information used in the preparation of the Contract Documents.
- 3.1.3.2 The Owner will provide information, equipment, or services under the Owner's control to the Contractor with reasonable promptness. The Owner makes no representation as to the accuracy or completeness of the site information furnished to the Contractor by the Owner, and is not responsible for any interpretations or conclusions reached by the Contractor with respect to the information.
- 3.1.4 Availability of Lands. The Owner will furnish, as indicated in the Contract,

all required rights to use the lands upon which the Work occurs. This includes rights-of-way and easements for access and such other lands that are designated for use by the Contractor. The Contractor shall comply with all Owner-identified encumbrances or restrictions specifically related to use of lands so furnished. The Owner will obtain and pay for easements for permanent structures or permanent changes in existing facilities, unless otherwise required in the Contract Documents.

3.1.5 Limitation on Owner's Duties.

3.1.5.1 The Owner will not supervise, direct, control or have authority over or be responsible for Contractor's means, methods, technologies, sequences or procedures of construction or the safety precautions and programs incident thereto. The Owner is not responsible for any failure of Contractor to comply with laws and regulations applicable to the Work. The Owner is not responsible for the failure of Contractor to perform or furnish the Work in accordance with the Contract Documents. Owner is not responsible for the acts or omissions of Contractor, or any of its Subcontractors, suppliers or of any other person or organization performing or furnishing any of the Work on behalf of the Contractor.

3.1.5.2 The Owner will not take any action in contravention of a design decision made by the A/E in preparation of the Contract Documents, when such actions are in conflict with statutes under which the A/E is licensed for the protection of the public health and safety.

32 Role of A/E. Unless specified otherwise in the Contract between the Owner and the Contractor, the A/E shall provide general administration services for the Owner during the construction phase of the Project. Written correspondence, requests for information, and Shop Drawings/submittals shall be directed to the A/E for action. The A/E has the authority to act on behalf of the Owner to the extent provided in the Contract Documents, unless otherwise modified by written instrument, which will be furnished to the Contractor by the ODR, upon request.

3.2.1 Site Visits

3.2.1.1 The A/E will make visits to the Site at intervals as provided in the A/E's contract agreement with the Owner, to observe the progress and the quality of the various aspects of Contractor's executed Work and report findings to the Owner.

3.2.1.2 The A/E has the authority to interpret Contract Documents and observe the Work for compliance and conformance with the Contract. Except as referenced in Article 3.1.5.2, the Owner retains the sole authority to accept or reject Work and issue direction for correction, removal, or replacement of Work.

3.2.2 Clarifications and Interpretations. It may be determined that clarifications or interpretations of the Contract Documents are necessary. Upon direction by the ODR such clarifications or interpretations will be provided by the A/E consistent with the intent of the Contract Documents. The A/E will issue these clarifications with reasonable promptness to the Contractor as Architect's Supplemental Instruction (ASI) or similar instrument. If Contractor believes that such clarification or interpretation justifies an adjustment in the Contract Sum or the Contract Time, the Contractor shall so notify the Owner in accordance with the provisions of Article 11.

3.2.3 Limitations on A/E Authority. The A/E is not responsible for:

3.2.3.1 The Contractor's means, methods, techniques, sequences, procedures, safety, or programs incident to the Project nor will the A/E supervise, direct, control or have authority over the same.

3.2.3.2 The failure of Contractor to comply with laws and regulations applicable to furnishing or performing the Work.

3.2.3.3 The Contractor's failure to perform or furnish the Work in accordance with the Contract Documents.

3.2.3.4 Acts or omissions of the Contractor, or of any other person or organization performing or furnishing any of the Work.

33 Contractor's General Responsibilities. The Contractor is solely responsible for implementing the Work in full compliance with all applicable laws and the Contract Documents and shall supervise and direct the Work using the best skill and attention to assure that each element of the Work conforms to the Contract requirements. The Contractor is solely responsible for all construction means, methods, techniques, safety, sequences, coordination and procedures and protection of the installed work as part of the Contract until Substantial Completion of the Project. Contractor remains responsible for the care and protection of materials and Work in the areas where punch list items are completed until Final Completion. The Contractor shall visit the Site and ascertain all pertinent local conditions including but not limited to existing subsurface concealed conditions, location, accessibility and general character of the Site or building, the character and extent of existing work, the character and extent of existing work within adjacent sites and any other work being performed in the location.

3.3.1 Project Administration. The Contractor shall provide project administration for all its Subcontractors, vendors, suppliers, and others involved in implementing the Work and shall coordinate administration efforts with those of the A/E and ODR in accordance with the uniform general conditions and other provisions of the Contract and Contract Documents, and as outlined in the Pre-construction Conference. Contractor's Project Administration includes but not limited to daily reporting on weather, work progress, labor, materials, equipment, obstructions to prosecution of the work, accidents and injuries in accordance with the Contract and transmitted no less frequently than on a weekly basis.

- 3.3.2 Contractor's Management Personnel. Contractor shall employ competent individuals who will be present at the Project Site during the progress of the Work to supervise or oversee the work. The competent individuals are subject to the approval of ODR. Contractor shall not change approved staff during the course of the Project without the written approval of ODR unless the staff member leaves the employment of Contractor. Contractor shall provide the project staff as stated in the Special Conditions.
- 3.3.3 Labor. The Contractor shall provide competent, suitably qualified personnel to survey, lay-out, and construct the Work as required by the Contract Documents, and maintain good discipline and order at the Site at all times.
- 3.3.4 Services, Materials, and Equipment. Unless otherwise specified, the Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities, incidentals, and services necessary for the construction, performance, testing, start-up, inspection and completion of the Work.
- 3.3.5 Contractor General Responsibility. For Owner furnished equipment or material that will be in the care, custody, and control of Contractor, Contractor is responsible for damage or loss. Owner shall deliver to Contractor a complete list and respective values of such materials or equipment and make an equitable adjustment for any increase in cost of Builder's Risk insurance.
- 3.3.6 Non-Compliant Work. Should the A/E and/or the ODR identify Work as non-compliant with the Contract Documents, the ODR will communicate the finding to the Contractor and the Contractor will correct such Work at no additional cost to the Owner. The approval of Work by either the A/E or ODR does not relieve the Contractor from the obligation to comply with all requirements of the Contract Documents.
- 3.3.7 Subcontractors. The Contractor shall not employ any Subcontractor, supplier or other person or organization, whether initially or as a substitute, against whom the Owner may have reasonable objection. Owner will communicate such objections in writing within ten (10) days of receipt of Contractor's intent to use such Subcontractor, supplier, or other person or organization. Contractor is not required to employ any Subcontractor, supplier or other person or organization to furnish any of the work to whom Contractor has reasonable objection. Contractor shall not substitute Subcontractors without the acceptance of Owner

- 3.3.7.1 All subcontracts and supply contracts shall be consistent with and bound to the terms and conditions of the Contract Documents including provisions of the agreement between the Contractor and the Owner.
- 3.3.7.2 The Contractor shall be solely responsible for scheduling and coordinating the Work of its Subcontractors, suppliers and other persons and organizations performing or furnishing any of the Work under a direct or indirect contract with the Contractor. The Contractor shall require all its Subcontractors, suppliers and such other persons and organizations performing or furnishing any of the Work to communicate with Owner only through the Contractor. The Contractor shall furnish to the Owner, at Owner's request, a copy of each first- tier subcontract promptly after its execution. The Contractor agrees that the Owner has no obligation to review or approve the content of such contracts and that providing the Owner such copies in no way relieves the Contractor of any of the terms and conditions of the Contract, including, without limitation, any provisions of the Contract which require the Subcontractor to be bound to the Contractor in the same manner in which the Contractor is bound to the Owner.
- 3.3.8 Continuing the Work. The Contractor shall carry on the Work and adhere to the progress schedule during all disputes, disagreements or alternative resolution processes with the Owner. The Contractor shall not delay or postpone any Work because of the pending resolution of any disputes, disagreements or alternative resolution processes, except as the Owner and the Contractor may agree in writing.
- 3.3.9 Cleaning. At all times, the Contractor shall keep the Site and the Work clean and free from accumulation of waste materials or rubbish caused by the construction activities under the Contract. The Contractor shall ensure that the entire Project is thoroughly cleaned prior to requesting Substantial Completion Inspection and, again, upon completion of the Project prior to the Final Completion Inspection.
- 3.3.10 Acts and Omissions of Contractor, its Subcontractors and Employees. The Contractor is responsible for acts and omissions of its employees and all its Subcontractors, their agents and employees. The Owner may, in writing, require the Contractor to remove from the Project any of Contractor's or its Subcontractor's employees that the ODR finds to be careless, incompetent, unsafe, uncooperative, disruptive, or otherwise objectionable.

3.3.11 Indemnification of Owner. Contractor covenants and agrees to **FULLY INDEMNIFY and HOLD HARMLESS**, Owner and the elected and appointed officials, employees, officers, directors, volunteers, and representatives of Owner, individually or collectively, from and against any and all costs, claims, liens, damages, losses, expenses, fees, fines, penalties, proceedings, actions, demands, causes of action, liability and suits of any kind and nature, including but not limited to, personal or bodily injury, death or property damage, made upon Owner directly or indirectly arising out of, resulting from or related to Contractor's activities under this Contract, including any acts or omissions of Contractor, or any agent, officer, director, representative, employee, consultant or the Subcontractor of Contractor, and their respective officers, agents, employees, directors and representatives while in the exercise of performance of the rights or duties under this Contract. The indemnity provided for in this paragraph does not apply to any liability resulting from the negligence of the Owner, its officers or employees, separate contractors or assigned contractors, in instances where such negligence causes personal injury, death or property damage. **IN THE EVENT CONTRACTOR AND OWNER ARE FOUND JOINTLY LIABLE BY A COURT OF COMPETENT JURISDICTION, LIABILITY WILL BE APPORTIONED COMPARATIVELY IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS, WITHOUT WAIVING ANY GOVERNMENTAL IMMUNITY AVAILABLE TO THE STATE UNDER TEXAS LAW AND WITHOUT WAIVING ANY DEFENSES OF THE PARTIES UNDER TEXAS LAW.**

3.3.11.1 Contractor shall protect and indemnify the Owner from and against all claims, damages, judgments and losses arising from infringement or alleged infringement of any United States patent, or copyright that arise out of any of the work performed by the Contractor or the use by Contractor, or by Owner at the direction of Contractor, of any article or material. Upon becoming aware of a suit or threat of suit for patent or copyright infringement, Owner shall promptly notify Contractor and Contractor shall be given full opportunity to negotiate a settlement. Contractor does not warrant against infringement by reason of Owner's or Project Architect's design of articles or their use in combination with other materials or in the operation of any process. In the event of litigation, Owner agrees to cooperate reasonably with Contractor and parties shall be entitled, in connection with any such litigation, to be represented by counsel at their own expense.

3.3.11.2 The provisions of this indemnification are solely 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.

- 3.3.11.3 The Contractor shall promptly advise the Owner in writing of any claim or demand against the Owner or the Contractor known to the Contractor related to or arising out of the Contractor's activities under this Contract.
- 3.3.11.4 These indemnity provisions shall survive the termination of this Agreement regardless of the reason for termination.
- 3.3.12 Ancillary Areas. The Contractor shall operate and maintain operations and associated storage areas at the Site of the Work and off-site areas in accordance with the following:
 - 3.3.12.1 The Contractor shall confine all Contractor operations, including storage of materials and employee parking upon the Site of the Work, to areas designated by the Owner.
 - 3.3.12.2 The Contractor may erect, at its own expense, temporary buildings that will remain its property. The Contractor shall remove such buildings and associated utility service lines upon completion of the Work; unless the Contractor requests and the Owner provides written consent that, it may abandon such buildings and utilities in place.
 - 3.3.12.3 The Contractor shall use only established roadways or construct and use such temporary roadways as may be authorized by the Owner. The Contractor shall not allow load limits of vehicles to exceed the limits prescribed by appropriate regulations or law. The Contractor shall provide protection to road surfaces, curbs, sidewalks, trees, shrubbery, sprinkler systems, drainage structures and other like existing improvements to prevent damage, and shall repair any damage, thereto at the expense of the Contractor.
 - 3.3.12.4 The Owner may restrict the Contractor's entry to the Site to specifically assigned entrances and routes.
- 3.3.13 Separate Contracts. Owner reserves the right to award other contracts in connection with other portions of the Project under these same or substantially similar contract conditions, including those portions related to insurance and waiver of subrogation. Owner reserves the right to perform operations related to the Project with Owner's own forces.
- 3.3.14 Under a system of separate contracts, the conditions described herein continue to apply except as may be amended by Change Order.
- 3.3.15 Contractor shall cooperate with other contractors or forces employed on the Project by Owner, including providing access to Site and Project information as requested.
- 3.3.16 Owner shall be reimbursed by Contractor for costs incurred by Owner which

are payable to a separate contractor because of delays, improperly timed activities, or defective construction by Contractor. Owner will equitably adjust the Contract by Change Order for costs incurred by Contractor because of delays, improperly timed activities, and damage to the Work or defective construction by a separate contractor.

Article 4. Historically Underutilized Business (HUB) Subcontracting Plan

- 4.1. General Description. It is the policy of the State of Texas and the A&M System to encourage the use of Historically Underutilized Businesses (HUBs) in its prime contracts, subcontractors, and purchasing transactions. The goal of the HUB Program is to promote equal access and equitable opportunity in the A&M System contracting and purchasing activities, and to support the development of meaningful relationships with State of Texas HUB vendors.

The purpose of the HUB Program is to promote and cultivate equal business opportunities for economically disadvantaged persons (as defined by Tex. Gov't Code, Ch. 2161 and 34 TAC § 20.282) to contract with agencies and institutions of higher education in the state of Texas in accordance with the goals established by the applicable agency or institution. The HUB Program annual procurement utilization HUB goals are as established by the Owner and stated within the Owner's current HUB Subcontracting Plan (HSP) form. The HUB goals are established as allowed in 34 TAC §20.284 and are reviewed annually. The HSP form includes the standard HUB goal for each procurement category, and is available at <https://www.tamus.edu/business/hub-procurement/hub-programs-3/>. Note: The HUB goal stated in the Invitation for Bid takes precedence over the standard HUB goal stated on the HSP form, unless otherwise noted.

- 4.1.1 The Owner is required by statute to make a good faith effort to assist HUBs in participating in state procurement and contracting opportunities on all contracts anticipated to equal or exceed \$100,000. 34 TAC §20.281 outlines the state's policy to encourage the utilization of HUBs in state procurement and contracting opportunities through race, ethnic and gender-neutral means.
- 4.1.2 For any project in an amount of \$100,000 or more, the Contractor is required to make a good faith effort to achieve the HUB goal for the applicable procurement category in accordance with 34 TAC §20.285 by submitting a properly completed HSP form according to the requirements of the Owner's solicitation documents. The approved HSP form shall become a provision of the Owner's Contract.
- 4.2. Compliance with Approved HUB Subcontracting Plan (HSP). Contractor, having been awarded the Contract in part by complying with the HUB Program statute and rules, hereby covenants to comply with the HUB Program as follows:
- 4.2.1 Prior to awarding subcontracts, conduct required good faith effort activities as described in Section B-3 of the HSP Method B (Attachment B) form and provide the Owner with required supporting documentation to demonstrate

the manner in which good faith effort was performed and to justify approval of each proposed subcontract award.

- 4.2.2 Promptly notify the Owner, through the Owner's project management system, when a change is required for any reason to the approved HSP form. Prior to adding or substituting a Subcontractor, conduct required good faith effort activities as described in Section B-3 of the HSP Method B (Attachment B) form, and provide the Owner with required documentation to justify approval of each a subcontract award and a revised HSP form documenting the proposed changes. Cooperate in the execution of a Change Order or such other approval of the change in the HSP and HSP form as the Contractor and Owner may agree to.
- 4.2.3 Maintain and make available to Owner upon request business records documenting compliance with the approved HSP form.
- 4.2.4 Submit to Owner a compliance report, through the Owner's project management system, in the format required by the Owner that demonstrates Contractor's performance of the HSP.
 - 4.2.4.1 Progress Assessment Report (PAR). Properly complete and submit a HSP PAR form and compliance reports attached to each invoice, to Owner (contracting agency), verifying compliance with the HSP and documenting the expenditures made to Subcontractors in the applicable month. The HSP PAR form will be provided by the Owner.
- 4.2.5 Promptly and accurately explain and provide supplemental information to Owner to assist in the Owner's investigation of the Contractor's good faith effort to fulfill the HSP and the requirements under 34 TAC §20.14.
- 4.3. Failure to Demonstrate Good Faith Effort. Upon a determination by Owner that the Contractor has failed to demonstrate a good faith effort to fulfill the HSP or any Contract covenant detailed above, the Owner, in addition to all other remedies available to it, may report nonperformance to the state Comptroller in accordance with 34 TAC §20.585-20.586. In addition, if the, Contractor failed to implement the HSP in good faith; the Owner may revoke the Contract for breach of Contract and make a claim against the Contractor.

Article 5. Bonds & Insurance

- 5.1. Construction Bonds. The Contractor is required to tender to Owner, prior to commencing the Work, performance and payment bonds, as required by Tex. Gov't Code, Chapter 2253.
 - 5.1.1 Performance Bond. A Performance Bond is required if the Contract Sum is in excess of \$100,000. The Performance Bond is solely for the protection of the Owner. The Performance Bond is to be for the Contract Sum to

guarantee the faithful performance of the Work in accordance with the Contract Documents. The form of the bond shall be approved by the Attorney General of Texas. The Performance Bond shall be effective through the Contractor's warranty period.

- 5.1.2 Payment Bond. A Payment Bond is required if the Contract Sum is in excess of \$25,000. The Payment Bond is to be for the Contract Sum and is payable to the Owner solely for the protection and use of payment bond beneficiaries who have a direct contractual relationship with the Contractor or a Subcontractor. The form of the bond shall be approved by the Attorney General of Texas.
- 5.1.3 Bond Requirements. Each bond shall be executed by a corporate surety or sureties authorized to do business in the State of Texas and acceptable to the Owner, on the Owner's form, and in compliance with the relevant provisions of the Texas Insurance Code. If any bond is for more than 10 percent of the surety's capital and surplus, the Owner may require certification that the company has reinsured the excess portion with one or more reinsurers authorized to do business in the State. A reinsurer may not reinsure for more than 10 percent of its capital and surplus. If a surety upon a bond loses its authority to do business in the State, the Contractor shall, within thirty (30) days after such loss, furnish a replacement bond at no added cost to the Owner.
- 5.1.4 Payment and performance bonds are due before execution of a Contract on competitively bid or competitively sealed proposal projects or before execution of a GMP proposal on Construction Manager-at-Risk projects or Design-Build projects.
- Power of Attorney. Each bond shall be accompanied by a valid power-of-attorney (issued by the surety company and attached, signed and sealed with the corporate embossed seal, to the bond), authorizing the attorney in fact who signs the bond to commit the surety to the terms of the bond, and stating any limit in the amount for which the attorney can issue a single bond.
- 5.1.5 Bond Indemnification. The process of requiring and accepting bonds and making claims thereunder shall be conducted in compliance with Tex. Gov't Code, Chapter 2253. IF FOR ANY REASON A STATUTORY PAYMENT OR PERFORMANCE BOND IS NOT HONORED BY THE SURETY, THE CONTRACTOR SHALL FULLY INDEMNIFY AND HOLD THE OWNER HARMLESS OF AND FROM ANY COSTS, LOSSES, OBLIGATIONS OR LIABILITIES IT INCURS AS A RESULT.
- 5.1.6 Furnishing Bond Information. Owner shall furnish certified copies of the Payment Bond and the related Contract to any qualified person seeking copies who complies with Tex. Gov't Code, § 2253.026.
- 5.1.7 Claims on Payment Bonds. Claims on Payment Bonds must be sent directly to the Contractor and his surety in accordance with Tex. Gov't Code § 2253.041. All Payment Bond claimants are cautioned that no lien exists on

the funds unpaid to the Contractor on such Contract, and that reliance on notices sent to the Owner may result in loss of their rights against the Contractor and/or its surety. The Owner is not responsible in any manner to a claimant for collection of unpaid bills, and accepts no such responsibility because of any representation by any agent or employee.

- 5.1.8 Payment Claims when Payment Bond not Required. The rights of Subcontractors regarding payment are governed by Tex. Prop. Code, §§53.231 – 53.239 when the value of the Contract between the Owner and the Contractor is less than \$25,000.00. These provisions set out the requirements for filing a valid lien on funds unpaid to the Contractor as of the time of filing the claim, actions necessary to release the lien and satisfaction of such claim.
- 5.1.9 Sureties. Sureties shall be listed on the US Department of the Treasury's Listing of Approved Sureties maintained by the Bureau of Fiscal Service (FMS), www.fiscal.treasury.gov/, stating companies holding Certificates of Authority as acceptable sureties on Federal Bonds and acceptable reinsuring companies (Department Circular 570).
52. Insurance Requirements. The Contractor shall carry insurance in the types and amounts indicated in this Article for the duration of the Contract. The required insurance shall include coverage for Owner's property in the care, custody and control of Contractor prior to construction, during construction and during the warranty period. The insurance shall be evidenced by delivery to the Owner of certificates of insurance executed by the insurer or its authorized agent stating coverages, limits, expiration dates and compliance with all applicable required provisions. Upon request, the Owner, and/or its agents, shall be entitled to receive without expense, copies of the policies and all endorsements. The Contractor shall update all expired policies prior to submission for monthly payment. Failure to update policies shall be reason for withholding of payment until renewal is provided to the Owner.
- 5.2.1 The Contractor, consistent with its status as an independent contractor, shall provide and maintain the insurance coverage with the minimum amounts described below until the end of the warranty period unless otherwise stated in Special Conditions. Failure to maintain insurance coverage, as required, is grounds for Suspension of Work for Cause pursuant to Article 14. The Contractor will be notified of the date on which the Builder's Risk insurance policy may be terminated through Substantial Completion notices, acceptance notices and/or other means as deemed appropriate by the Owner.
- 5.2.2 Coverage shall be written on an occurrence basis by companies authorized and admitted to do business in the State of Texas and rated A-, VII or better by A.M. Best Company or otherwise acceptable to Owner, and shall include:
- 5.2.2.1 Workers' Compensation Insurance with limits as required by the Texas Workers' Compensation Act, and Employer's Liability insurance of not less than:

\$1,000,000 each accident;
\$1,000,000 disease each employee; and
\$1,000,000 disease policy limit.

Policies must include (a) Other States Endorsement to include TEXAS if business is domiciled outside of the state of Texas, and (b) a waiver of all rights of subrogation in favor of Owner.

- 5.2.2.2 Commercial General Liability Insurance, including premises, operations, independent contractor's liability, products and completed operations and contractual liability, covering, but not limited to, the liability assumed under the indemnification provisions of this Contract, fully insuring Contractor's (or its Subcontractor's) liability for bodily injury (including death) and property damage with a minimum limit of:

\$1,000,000 per occurrence;
\$2,000,000 general aggregate;
\$2,000,000 products and completed operations aggregate;
\$1,000,000 personal/advertising injury
\$300,000 damage to rented premises
\$5,000 medical payments
Coverage shall be on an "occurrence" basis.

The policy shall include coverage extended to apply to completed operations and explosion, collapse, and underground hazards. The policy shall include endorsement CG2503 Amendment-Aggregate Limits of Insurance (Per Project) or its equivalent.

If the Work involves any activities within fifty (50) feet of any railroad, railroad protective insurance as may be required by the affected railroad, written for not less than the limits required by such railroad.

- 5.2.2.3 Contractors Pollution Legal Liability Insurance, including coverage for liability arising from the encapsulation, removal, handling, storage, transportation, and disposal of asbestos containing materials. *This requirement applies if the Work or the Project includes asbestos containing materials.

The combined single limit for bodily injury and property damage will be a minimum of \$1,000,000 per occurrence. Independent review of scope and magnitude may increase this minimum limit requirement.

*Specific Requirement for claims-made form: Required period of coverage will be determined by the following formula: continuous coverage for life of the Contract, plus two (2) year (to provide coverage for the warranty period), and an extended discovery

period for a minimum of five (5) years which shall begin at the end of the warranty period.

If this Contract is for asbestos abatement only, the All-Risk Builder's Risk or All-Risk Installation Floater (e) is not required.

- 5.2.2.4 Business Automobile Liability Insurance covering all owned, hired, and non-owned vehicles, with a minimum combined single limit for bodily injury (including death) and property damage of \$1,000,000 per occurrence. No aggregate shall be permitted for this type of coverage. Such insurance is to include coverage for loading and unloading hazards.

Contractor or any of its Subcontractors responsible for transporting asbestos or other hazardous materials shall provide pollution coverage for any vehicle hauling asbestos or other hazardous material containing cargo. The policy must include a MCS 90 endorsement with a \$5,000,000 limit and the CA 9948 Pollution Endorsement, or its equivalent.

- 5.2.2.5 The Owner reserves the right to extend coverage for builder's risk insurance for the Project at its sole discretion. Contractor shall provide builder's risk insurance cost for the Project. The Owner may accept the builder's risk program submitted by Contractor or may choose to place it under its own builder's risk program.

If Owner chooses to place Project under its own builder's risk program. Coverage shall be All-Risk, including, but not limited to, Fire, Extended Coverage, Vandalism and Malicious Mischief, Flood, Earthquake, Theft and damage resulting from faulty workmanship, design or materials. The Builder's Risk policy limit shall be equal to 100 percent of the Contract. Each builder's risk claim shall be subject to a \$25,000 deductible, except for water losses which shall have a \$100,000 deductible payable by the Contractor. The policy shall be written in the name of the Owner.

- 5.2.2.6 If Project is not carried on the Texas A&M University System's builder's risk program, an All Risk Builder's Risk Insurance (or All Risk Installation Floater for instances in which the Project involves solely the installation of equipment). Coverage is determined by the Contract Sum, as detailed below.

Builders Risk Requirement for Projects with a Contract Sum <\$20 million

- 5226.1 Contractor shall purchase and maintain in force builders risk insurance on the entire Work. Such insurance shall be written in the amount of the original Contract, plus any subsequent Change Orders and plus the cost of materials supplied or installed by others, comprising Total Value for the entire Project at the

Site. The insurance shall apply on a replacement cost basis with no coinsurance provision. A sublimit may be applicable to flood coverage, but sublimit must be at least 20% of the Total Value of the Project. The limit for all other perils, including Named Windstorm, Wind, and Hail, must be equal to the Total Value for the entire Project at the Site. (If Installation Floater, limit shall be equal to 100 percent of the Contract cost.)

- 52262 This insurance shall name as insureds the Owner, the Contractor, and all its Subcontractors and sub-subcontractors in the Work.
- 52263 Builders risk insurance shall be on an “all risk” or equivalent policy form and shall include, without limitation, insurance against fire and extended coverage perils, theft, vandalism, malicious mischief, collapse, earthquake, flood, windstorm, boiler and machinery/mechanical breakdown, testing and startup, and terrorism.
- 52264 This insurance shall cover the entire work at the Site as required in 5.2.2.6.1, including, but not limited to, the following:
- Temporary works including but not limited to scaffolding, form work, fences, shoring, hoarding, falsework and temporary buildings
 - Offsite Storage
 - Portions of the work in transit
 - Debris removal
 - Extra Expense
 - Expediting Expenses
 - Demolition and Increased Cost of Construction
 - Pollutant Clean-Up and Removal
 - Trees, Shrubs, Plants, Lawns and Landscaping (if applicable)
 - Errors & Omissions (applicable to purchase of Builders Risk policy only)
- 52265 This insurance shall not contain an occupancy clause suspending or reducing coverage should the Owner occupy, or begin beneficial occupancy before the Owner has accepted Final Completion.
- 52266 This insurance shall be specific as to coverage and shall be primary to any permanent insurance or self-insurance that may be maintained on the property by

Owner.

- 52267 This insurance shall include a waiver of subrogation in favor of Owner, the Contractor, and all its Subcontractors and sub-subcontractors in the work.
- 52268 As applicable, Flood deductible shall not exceed \$250,000 for Zone A, \$100,000 for Zone B and \$50,000 for all other Zones. For Tier 1 and Tier 2, Named Windstorm deductible shall not exceed 2% of the Project values in place at the time of the loss.
- 52269 Before the commencement of the work, Contractor shall provide to Owner an accurate certificate of insurance that provides specific evidence of all requirements outlined in Section 5.2.2.5.1. A copy of the policy itself shall be provided to Owner within 30 days after Notice to Proceed.
- 5226.10 Refer to Special Conditions for possible additional Builders Risk insurance requirements.
- 5226.11 Loss, if any, shall be adjusted with and made payable to the Owner as Trustee for the insureds as their interests may appear. Owner, General Contractor and all its subcontractors hereby mutually waive their rights of recovery against one another with respect to losses covered under the builder's risk policy and shall provide mutual waivers of subrogation with regard to losses covered by the builder's risk insurance. It is hereby agreed and understood that said waivers apply even if the contractor's negligence causes a covered loss, and regardless of the extent of that contractor's insurable interest in the covered property. The Owner and Contractor shall be named as Loss Payee. For renovation projects or projects that involve portions of work contained within an existing structure, refer to Special Conditions for possible additional Builder's Risk insurance requirements.

Builders Risk Requirement for Projects with a Contract Sum \geq \$20 million

- 5226.1 Contractor shall purchase and maintain in force builders risk insurance on the entire Work. Such insurance shall be written in the amount of the original Contract, plus any subsequent Change Orders and plus the cost of materials supplied or installed by others, comprising Total Value for the entire Project at the Site. The insurance shall apply on a replacement cost basis with no coinsurance provision and shall

include a margin clause of plus/minus 10% on project value. A sublimit may be applicable to flood coverage, but sublimit must be at least 20% of the Total Value of the Project. A sublimit of \$50 million or the Total Value of the Project, whichever is less, is acceptable for Earthquake. The limit for all other perils, including Named Windstorm, Wind, and Hail, must be equal to the Total Value for the entire Project at the Site. (If Installation Floater, limit shall be equal to 100 percent of the Contract cost.)

- 52262 This insurance shall name as insureds the Owner, the Contractor, and all its Subcontractors and sub-subcontractors in the Work.
- 52263 Builders risk insurance shall be on an “all risk” or equivalent policy form and shall include, without limitation, insurance against fire and extended coverage perils, theft, vandalism, malicious mischief, collapse, earthquake, flood, windstorm, boiler and machinery/mechanical breakdown, testing and startup, and terrorism.
- 52264 This insurance shall cover the entire work at the Site as required in 5.2.2.6.1, including, but not limited to, the following:

Coverage	Minimum Limit Required
Temporary works including but not limited to scaffolding, form work, fences, shoring, hoarding, falsework and temporary buildings	\$1 million
Offsite Storage	Sufficient to cover the anticipated maximum values stored offsite.
Portions of the work in Transit	Sufficient to cover the anticipated maximum values in transit.

Debris Removal	25% of Physical damage amount subject to maximum of \$5 million or 25% of Total Value of Project whichever is higher.
Expediting Expenses	\$1 million
Extra Expense	\$5 million
Demolition and Increased Cost of Construction	\$2 million or 10% of Total Value of Project whichever is higher.
Pollutant Clean-Up and Removal	\$250,000
Trees, Shrubs, Plants, Lawns and Landscaping (if applicable)	\$2,500 per item subject to a maximum of \$1 million.
Errors & Omissions (applicable to purchase of Builders Risk policy only)	\$2.5 million

- 52265 This insurance shall not contain an occupancy clause suspending or reducing coverage should the Owner occupy, or begin beneficial occupancy before the Owner has accepted Final Completion.
- 52266 This insurance shall be specific as to coverage and shall be primary to any permanent insurance or self-insurance that may be maintained on the property by Owner.
- 52267 This insurance shall include a waiver of subrogation in favor of Owner, the Contractor, and all its Subcontractors and sub-subcontractors in the work.
- 52268 As applicable, Flood deductible shall not exceed \$250,000 for Zone A, \$100,000 for Zone B and \$50,000 for all other Zones. For Tier 1 and Tier 2, Named Windstorm deductible shall not exceed 2% of the project values in place at the time of the loss.

52269 Before the commencement of the work, Contractor shall provide to Owner an accurate certificate of insurance that provides specific evidence of all requirements outlined in Section 5.2.2.1.5. A copy of the policy itself shall be provided to Owner within 30 days after Notice to Proceed.

522610 Refer to Special Conditions for possible additional Builders Risk insurance requirements.

522611 Loss, if any, shall be adjusted with and made payable to the Owner as Trustee for the insureds as their interests may appear. Owner, General Contractor and all its subcontractors hereby mutually waive their rights of recovery against one another with respect to losses covered under the builder's risk policy and shall provide mutual waivers of subrogation with regard to losses covered by the builder's risk insurance. It is hereby agreed and understood that said waivers apply even if the contractor's negligence causes a covered loss, and regardless of the extent of that contractor's insurable interest in the covered property. The Owner and Contractor shall be named as Loss Payee. For renovation projects or projects that involve portions of work contained within an existing structure, refer to Special Conditions for possible additional Builder's Risk insurance requirements.

5.2.2.7 "Umbrella" Liability Insurance. The Contractor shall obtain, pay for and maintain umbrella liability insurance during the Contract term, insuring the Contractor (or Subcontractor) for an amount of not less than the amount specified below that provides coverage at least as broad as and applies in excess and follows form of the primary liability coverages required hereinabove. The policy shall provide "drop down" coverage where underlying primary insurance coverage limits are insufficient or exhausted.

"Umbrella" Liability Insurance coverage shall be in the following amounts:

- Contract sum is \$1,000,000 or less: No Umbrella Required

- Contract Sum greater than \$1,000,000 up to \$3,000,000: \$1,000,000 each occurrence and \$2,000,000 annual aggregate
- Contract Sum greater than \$3,000,000 up to \$5,000,000: \$5,000,000 each occurrence and \$5,000,000 annual aggregate
- Contract Sum greater than \$5,000,000: \$10,000,000 each occurrence and \$10,000,000 annual aggregate

If the Contract is for asbestos abatement only, depending on scope of Project, an umbrella policy may be required to follow underlying form.

5.2.2.8 Aviation Insurance - In the event any fixed, rotary aircraft or drones are used in connection with this Agreement and in the execution of the work, a minimum of \$1,000,000 of aviation liability insurance must be maintained with the following requirements: the Owner must be named as an "additional insured" and a waiver of hull damage must be provided in favor of the Contractor and Owner. Also, if any aircraft is to be used to perform lifts at the Project Site, a "slung cargo" endorsement must be included to cover the full replacement value of any equipment or material being lifted. All such lifts must be coordinated with the Contractor for approval prior to lift execution. There shall be no restriction of coverage or specific exclusion on the aviation policy as it relates to invasion of privacy. If drones are to be used, all use must be in compliance with FAA regulations.

5.2.3 All Policies must include the following clauses, as applicable:

- 5.2.3.1 Contractor must provide to Owner immediate notice of cancellation, material change, or non-renewal to any insurance coverages required herein above. This requirement may be satisfied by the Contractor providing a copy of the notice received by the insurer to Owner within two business days of date of receipt or by Endorsement of the policies that require Insurer to provide notice to Owner.
- 5.2.3.2 It is agreed that the Contractor's insurance shall be deemed primary with respect to any insurance or self-insurance carried by the Owner for liability arising out of operations under the Contract with the Owner.
- 5.2.3.3 The Owner, its officials, directors, employees, representatives, and volunteers are added as additional insureds as respects operations and activities of, or on behalf of the named insured performed under Contract with the Owner. The additional insured status must cover completed operations as well. This is not applicable to the workers' compensation policy.

- 5.2.3.4 A waiver of subrogation in favor of the Owner shall be provided on all policies.
- 5.2.3.5 If Owner is damaged by the failure of Contractor (or its Subcontractors) to maintain insurance as required herein and/or as further described in Special Conditions, then Contractor shall bear all reasonable costs properly attributable to that failure.
- 5.2.4 Without limiting any of the other obligations or liabilities of the Contractor, the Contractor shall require each of its Subcontractors performing work under the Contract, at the Subcontractor's own expense, to maintain during the term of the Contract, the same stipulated minimum insurance including the required provisions and additional policy conditions as shown above. As an alternative, the Contractor may include its Subcontractors as additional insureds on its own coverage as prescribed under these requirements. The Contractor's certificate of insurance shall note in such event that the Subcontractors are included as additional insureds and that Contractor agrees to provide Workers' Compensation for the Subcontractors and their employees. The Contractor shall obtain and monitor the certificates of insurance from each Subcontractor in order to assure compliance with the insurance requirements. The Contractor must retain the certificates of insurance for the duration of the Contract plus 5 years and shall have the responsibility of enforcing these insurance requirements among its Subcontractors. The Owner shall be entitled, upon request and without expense, to receive copies of these certificates.
- 5.2.4.1 For the umbrella liability policy the contractor shall determine the dollar amount of coverage required for its subcontractors.
- 5.2.5 Workers' Compensation Insurance Coverage must meet the statutory requirements of Tex. Lab. Code, §401.011(44), and those specific to construction projects for public entities as required by Tex. Lab. Code, §406.096.
- 5.2.6 The Contractor shall retain all required certificates of coverage for the duration of the Project and for one year thereafter.
- 5.2.7 The Contractor shall notify the governmental entity in writing by certified mail or personal delivery, within 10 days after the Contractor knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the Project.
- 5.2.8 The Contractor shall post on each Project Site a notice, in the text, form and manner prescribed by the Texas Department of Insurance Division of Workers' Compensation, informing all persons providing services on the Project that they are required to be covered, and stating how a person may verify coverage and report lack of coverage.
- 5.2.9 By signing this Contract or providing or causing to be provided a certificate of coverage, the Contractor is representing to the governmental entity that

all employees of the Contractor who will provide services on the Project will be covered by workers' compensation coverage for the duration of the Project, that the coverage will be based on proper reporting of classification codes and payroll amounts, and that all coverage agreements will be filed with the appropriate insurance carrier or, in the case of a self-insured, with the commission's Division of Self-Insurance Regulation. Providing false or misleading information may subject the Contractor to administrative penalties, criminal penalties, civil penalties, or other civil actions.

- 5.2.10 The Contractor's failure to comply with any of these provisions is a breach of Contract by the Contractor which entitles the governmental entity to declare the Contract void if the Contractor does not remedy the breach within ten days after receipt of notice of breach from the governmental entity.

Article 6. Contract Documents, Coordination Documents and Record Documents

6.1. Drawings and Specifications

- 6.1.1 Copies Furnished. The Contractor will be furnished one (1) digital copy of Drawings and Specifications free of charge.
- 6.1.2 Ownership of Drawings and Specifications. All Drawings, Specifications and copies thereof furnished by the A/E are to remain A/E's property. These documents are not to be used on any other project and with the exception of the Contract record set and electronic versions needed for warranty operations, are to be returned to the A/E, upon request, following completion of the Work.
- 6.1.3 Interrelation of Documents. The Contract Documents as referenced in the agreement between the Owner and the Contractor are complimentary, and what is required by one shall be as binding as if required by all.
- 6.1.4 Resolution of Conflicts in Documents. Where conflicts may exist between and/or within the Contract Documents, the higher quality, greater quantity, more restrictive, and/or more expensive requirement ***shall be required*** and shall be the basis of Contractor pricing. The Contractor shall notify the A/E and the ODR of a conflict within the Contract Documents in a reasonable time on becoming aware of the issue and prior to executing the work in question.
- 6.1.5 Contractor's Duty to Review Contract Documents. In order to facilitate its responsibilities for completion of the Work in accordance with and as reasonably inferable from the Contract Documents, prior to pricing or commencing the Work, the Contractor shall examine and compare the Contract Documents, information furnished by the Owner, relevant field measurements made by the Contractor and any visible or reasonably anticipated conditions at the Site affecting the Work. This duty extends throughout the construction phase prior to commencing each particular

work activity and/or system installation.

6.1.6 Discrepancies and Omissions in Drawings and Specifications

- 6.1.6.1 The Contractor shall report to the ODR and to the A/E the discovery of any apparent error, omission or inconsistency in the Contract Documents prior to execution of the Work.
- 6.1.6.2 It is recognized that the Contractor is not acting in the capacity of a licensed design professional, unless it is performing as a Design-Build firm.
- 6.1.6.3 It is further recognized that the Contractor's examination of Contract Documents is to facilitate construction and does not create an affirmative responsibility to detect errors, omissions or inconsistencies or to ascertain compliance with applicable laws, building codes or regulations, unless it is performing as a Design-Build firm.
- 6.1.6.4 When performing as a Design-Build firm, the Contractor has sole responsibility for discrepancies, errors, and omissions in the Drawings and Specifications.
- 6.1.6.5 When performing as a Construction Manager-at-Risk, the Contractor has a shared responsibility with the A/E for discovery and resolution of discrepancies, errors, and omissions in the Contract Documents. In such case, the Contractor's responsibility pertains to review, coordination, and recommendation of resolution strategies within budget constraints, but does not establish a liability for design.
- 6.1.6.6 The Contractor has no liability for errors, omissions, or inconsistencies in the Drawings and Specifications unless the Contractor knowingly failed to report a recognized problem to the Owner or the Work is executed under a Design-Build contract as outlined above. Should the Contractor fail to perform the examination and reporting obligations of these provisions, the Contractor is responsible for avoidable costs, direct, and/or consequential damages.
- 6.1.6.7 Owner does not warrant or make any representations as to the accuracy, suitability or completeness of any information furnished to Contractor by Owner or its representatives.

- 62 Requirements for Record Documents. The Contractor shall maintain all Drawings, Specifications, Addenda, approved submittals, Contract modifications, and all Project correspondence in Owner's project management system. The Contractor shall keep current and maintain Drawings and Specifications in good order with postings and markings to record actual conditions of Work and show and reference all changes made during construction. The A/E shall also have access to these

documents.

- 62.1 The Contractor shall maintain the Record Documents including Drawings, Specifications and other materials which reflect the actual field conditions and representations of the Work performed, whether it be directed by Addendum, Change Order or otherwise.
- 62.2 Update the Record Documents at least monthly prior to submission of periodic partial pay estimates. Failure to maintain current Record Documents constitutes cause for denial of a progress payment otherwise due.
- 62.3 Prior to requesting Substantial Completion inspection Contractor shall transmit to the A/E, by submittal in Owner's project management system, a preliminary copy of each instructional manual, maintenance and operating manual, parts catalog, wiring diagrams, spare parts, specified written warranties and like publications, or parts for all installed equipment, systems, and like items and as described in the Contract Documents. (Unexecuted samples of the aforementioned documentation may be reviewed by ODR when the absence of substantial completion transactions preclude execution; however, Contractor remains obligated to provide fully executed copies of such materials prior to final payment.)
- 62.4 Once determined acceptable by A/E with input from ODR, upload a copy of all Record Documents to Owner's project management system, unless otherwise required by the Special Conditions.
- 62.5 Contractor shall be responsible for updating the digital Record Documents for all changes to the Contract Documents.

Article 7. Safety

- 7.1. General. It is the duty and responsibility of the Contractor and all of its Subcontractors to be familiar with, enforce and comply with all requirements of Public Law 91-596, 29 U.S.C. §§651 et. seq., the Occupational Safety and Health Act of 1970 (OSHA), and all amendments thereto. The Contractor shall prepare a Safety Plan specific to the Project and submit it to the ODR and A/E prior to commencing Work. In addition, the Contractor and all of its Subcontractors shall comply with all applicable laws and regulations of any public body having jurisdiction for safety of persons or property to protect them from damage, injury or loss, and erect and maintain all necessary safeguards for such safety and protection.
- 72. Notices. The Contractor shall provide notices as follows:
 - 7.2.1 Notify owners of adjacent property including those that own or operate utility services and/or underground facilities, and utility owners, when prosecution of the Work may affect them or their facilities, and cooperate with them in the protection, removal, relocation and replacement of their facilities, and with respect to access to their facilities and/or utilities.

- 7.2.2 Coordinate the exchange of safety data sheets (SDS) or other hazard communication information required to be made available to or exchanged between or among employers at the Site in connection with laws and regulations. Maintain a complete file of SDS for all materials in use on Site throughout the construction phase and make a digital file available to the Owner and its agents.
73. Emergencies. In any emergency affecting the safety of persons or property, the Contractor shall act to minimize, mitigate, and prevent threatened damage, injury or loss.
- 7.3.1 Have authorized agents of Contractor respond immediately upon call at any time of day or night when circumstances warrant the presence of Contractor to protect the Work or adjacent property from damage or to take such action pertaining to the Work as may be necessary to provide for the safety of the public.
- 7.3.2 Give the ODR and A/E prompt notice of all such events.
- 7.3.3 If Contractor believes that any changes in the Work or variations from Contract Documents have been caused by its emergency response, promptly notify the Owner within 72 hours of the emergency response event.
- 7.3.4 Should Contractor fail to respond, Owner is authorized to direct other forces to take action as necessary and Owner may deduct any cost of remedial action from funds otherwise due the Contractor.
74. Injuries. In the event of an incident or accident involving outside medical care for an individual on or near the Work, Contractor shall notify the ODR and other parties as may be directed within 24 hours of the event.
- 7.4.1 Record the location of the event and the circumstances surrounding it, by using photography or other means, and gather witness statements and other documentation which describes the event.
- 7.4.2 Supply the ODR and A/E with an incident report no later than 36 hours after the occurrence of the event. In the event of a catastrophic incident (one fatality or three workers hospitalized), barricade and leave intact the scene of the incident until all investigations are complete. A full set of incident investigation documents, including facts, finding of cause, and remedial plans shall be provided by Contractor to Owner within one week after occurrence, unless otherwise directed by Owner's legal counsel. Contractor shall provide the ODR with written notification within one week of such catastrophic event if legal counsel delays submission of a full report.
75. Environmental Safety. Upon encountering any previously unknown potentially hazardous material, or other materials potentially contaminated by hazardous material, Contractor shall immediately stop work activities impacted by the discovery, secure the affected area, and notify the ODR immediately.

- 7.5.1 The Contractor shall bind all its Subcontractors to the same duty.
- 7.5.2 Upon receiving such notice, the ODR will promptly engage qualified experts to make such investigations and conduct such tests as may be reasonably necessary to determine the existence or extent of any environmental hazard. Upon completion of this investigation, the ODR will issue a written report to the Contractor identifying the material(s) found and indicate any necessary steps to be taken to treat, handle, transport or dispose of the material.
- 7.5.3 The Owner may hire third-party contractors to perform any or all such steps.
- 7.5.4 Should compliance with the ODR's instructions result in an increase in the Contractor's cost of performance, or delay the Work, the Owner will make an equitable adjustment to the Contract Sum and/or the Contract Time, and modify the Contract in writing accordingly.
- 76 Trenching Plan. When the Project requires excavation which either exceeds a depth of four feet, or results in any worker's upper body being positioned below grade level, the Contractor is required to submit a trenching plan to the ODR prior to commencing trenching operations. This plan shall meet or exceed all OSHA 1926 Subpart P Excavation requirements. During trenching operations, the Contractor shall update the trenching plan daily, or when trench conditions change, to identify and remove any potential hazards. The plan shall be maintained by the Contractor's competent person and shall include the soil classification observed, maximum allowable slopes per 1926 Subpart P Appendices A and B, protective system that will be used for that day's work, any back up data or engineered plans as required for the protective system, and the contact number for the Contractor's competent person.

Article 8. Quality Control

81. Materials & Workmanship. The Contractor shall execute Work in a good and workmanlike manner in accordance with the Contract Documents. The Contractor shall develop and provide a Quality Control Plan specific to this Project and acceptable to the Owner. Where Contract Documents do not specify quality standards, the Contractor shall complete and construct all Work in compliance with generally accepted construction industry standards. Unless otherwise specified, the Contractor shall incorporate all new materials and equipment into the Work under the Contract.
- 82 Testing
- 8.2.1 Owner is responsible for coordinating and paying for routine and special tests required to confirm compliance with quality and performance requirements, except as stated below or otherwise required by the Contract Documents. Contractor shall provide the following testing:

- 8.2.1.1 Any test of basic material or fabricated equipment included as part of a submittal for a required item in order to establish compliance with the Contract Documents.
- 8.2.1.2 Any test of basic material or fabricated equipment offered as a substitute for a specified item on which a test may be required in order to establish compliance with the Contract Documents.
- 8.2.1.3 Preliminary, start-up, pre-functional and operational testing of building equipment and systems as necessary to confirm operational compliance with requirements of the Contract Documents.
- 8.2.1.4 All subsequent tests on original or replaced materials conducted as a result of prior testing failure.
- 8.2.2 All testing shall be performed in accordance with standard test procedures by an accredited laboratory, or special consultant as appropriate, acceptable to the Owner. Results of all tests shall be provided promptly to the ODR, A/E and the Contractor.
- 8.2.3 Non-Compliance (Test Results). Should any of the tests indicate that a material and/or system does not comply with the Contract requirements, the burden of proof remains with Contractor, subject to:
 - 8.2.3.1 Contractor selection and submission of the laboratory for Owner acceptance.
 - 8.2.3.2 Acceptance by Owner of the quality and nature of tests.
 - 8.2.3.3 All tests must be taken in the presence of the A/E and/or ODR, or their representatives.
 - 8.2.3.4 If tests confirm that the material/systems comply with Contract Documents, the Owner will pay the cost of the test.
 - 8.2.3.5 If tests reveal noncompliance, the Contractor will pay the laboratory fees and costs of that particular test and all future tests of that failing Work, necessary to eventually confirm compliance with Contract Documents.
 - 8.2.3.6 Proof of noncompliance with the Contract Documents will make the Contractor liable for any corrective action which the ODR determines appropriate, including complete removal and replacement of non-compliant work or material.
- 8.2.4 Notice of Testing. The Contractor shall give the ODR and the A/E timely

notice of its readiness and the date arranged so the ODR and A/E may observe such inspection, testing or approval.

8.2.5 Test Samples. The Contractor is responsible for providing Samples of sufficient size for test purposes and for coordinating such tests with the Work Progress Schedule to avoid delay.

8.2.6 Covering Up Work. If the Contractor covers up any Work without providing the Owner an opportunity to inspect, the Contractor shall, if requested by the ODR, uncover and recover the Work at Contractor's expense.

8.3 Submittals

8.3.1 Contractor's Submittals. The Contractor shall submit, using Owner's project management system, with reasonable promptness consistent with the Work Project Schedule and in orderly sequence all Shop Drawings, Samples, or other information required by the Contract Documents, or subsequently required by Change Order. Prior to submitting, the Contractor shall review each submittal for compliance with the Contract Documents and approve submittals for review by A/E and Owner by an approval stamp affixed to each copy. Submittal data presented without Contractor's stamp will be returned without review or comment, and any delay resulting from failure is Contractor's responsibility.

8.3.1.1 Contractor shall within twenty-one (21) calendar days of the effective date of the Notice to Proceed with construction, submit to the ODR, and the A/E, a submittal schedule/register, organized by specification section, listing all items to be furnished for review and approval by the A/E and Owner. The list shall include Shop Drawings, manufacturer's literature, certificates of compliance, materials samples, materials colors, guarantees, items identified as delegated design and all other items identified throughout the Specifications.

8.3.1.2 The Contractor shall indicate the type of item, contract requirements reference, and Contractor's scheduled dates for submitting the item along with the requested dates for approval answers from the A/E and Owner. The Submittal Register shall indicate the projected dates for procurement of all included items and shall be updated at least monthly with actual approval and procurement dates. Contractor's Submittal Register must be reasonable in terms of the review time for complex submittals. Contractor's submittal schedule must be consistent with the Work Progress Schedule and identify critical submittals. Show and allow a minimum of fifteen (15) calendar days duration after receipt by A/E and ODR for review and approval. If resubmittal required, allow a minimum of an additional fifteen (15) calendar days for review. Submit the updated Submittal Register with each request for progress payment. Owner may establish routine review

procedures and schedules for submittals at the preconstruction conference and/or elsewhere in the Contract Documents. If Contractor fails to update and provide the Submittal Register as required, Owner may, after seven (7) days' notice to Contractor withhold a reasonable sum of money that would otherwise be due Contractor.

8.3.1.3 The Contractor shall coordinate the Submittal Register with the Work Progress Schedule. Do not schedule Work requiring a submittal to begin prior to scheduling review and approval of the related submittal. Revise and/or update both schedules monthly to ensure consistency and current project data. Provide to ODR the updated Submittal Register and schedule with each application for progress payment. Refer to requirements for the Work Progress Schedule for inclusion of procurement activities therein. Regardless, the Submittal Register shall identify dates submitted and returned and shall be used to confirm status and disposition of particular items submitted, including approval or other action taken and other information not conveniently tracked through the Work Progress Schedule.

8.3.1.4 By submitting Shop Drawings, Samples or other required information, the Contractor represents and certifies that it has determined and verified all applicable field measurements, field construction criteria, materials, catalog numbers and similar data to the extent possible from existing conditions and design information provided by A/E prior to fabrication; and has checked and coordinated each Shop Drawing and Sample with the requirements of the Work and the Contract Documents.

8.3.2 Review of Submittals. A/E and ODR review is only for conformance with the design concept and the information provided in the Contract Documents. All review of submittals will be in Owner's project management system. The approval of a separate item does not indicate approval of an assembly in which the item functions. The approval of a submittal does not relieve the Contractor of responsibility for any deviation from the requirements of the Contract unless the Contractor informs the A/E and ODR of such deviation in a clear, conspicuous, and written manner on the submittal transmittal and at the time of submission, and obtains the Owner's written specific approval of the particular deviation.

8.3.3 Correction and Resubmission. The Contractor shall make any corrections required to a submittal and resubmit the corrected version promptly so as to avoid delay, until submittal approval. When applicable, the Contractor shall direct attention of the A/E and the ODR in writing to any new revisions other than the corrections requested on previous submissions.

8.3.4 Limits on Shop Drawing Review. The Contractor shall not commence any Work requiring a submittal until review of the submittal under Subsection

8.3.2. The Contractor shall construct all such work in accordance with reviewed submittals. Comments incorporated as part of the review in Subsection 8.3.2 of Shop Drawings and Samples is not authorization to Contractor to perform extra work or changed work unless authorized through a Change Order. A/E's and ODR's review, if any, does not relieve Contractor from responsibility for defects in the Work resulting from errors or omissions of any kind on the submittal, regardless of any approval action. A/E or ODR shall not make formal changes to the Construction Documents via the submittal process. Changes to the Construction Documents shall be accomplished via Section 3.2.2 and Article 11 Changes.

8.3.5 No Substitutions Without Approval. The ODR and the A/E may receive and consider the Contractor's request for substitution, through Owner's project management system, when the Contractor agrees to reimburse the Owner for review and redesign costs and satisfies the requirements of this section. If the Contractor does not satisfy these conditions, the ODR and A/E will return the request without action except to record noncompliance with these requirements. The Owner will not consider the request if the Contractor cannot provide the product or method because of failure to pursue the Work promptly or coordinate activities properly. Contractor's request for a substitution may be considered by ODR and A/E when:

8.3.5.1 The Contract Documents do not require extensive revisions; and

8.3.5.2 Proposed changes are in keeping with the general intent of the Contract Documents and the design intent of the A/E and do not result in an increase in cost to the Owner; and

8.3.5.3 The request is timely, fully documented, properly submitted and one or more of the following apply:

8.3.5.3.1 The Contractor cannot provide the specified product, assembly or method of construction within the Contract Time.

8.3.5.3.2 The request directly relates to an "or-equal" clause or similar language in the Contract Documents.

8.3.5.3.3 The request directly relates to a "product design standard" or "performance standard" clause in the Contract Documents.

8.3.5.3.4 The requested substitution offers the Owner a substantial advantage in cost, time, energy conservation or other considerations, after deducting additional responsibilities the Owner must assume.

8.3.5.3.5 The specified product or method of construction cannot receive necessary approval by an authority having jurisdiction, and the ODR can approve the requested

substitution.

- 8.3.5.3.6 The Contractor cannot provide the specified product, assembly or method of construction in a manner that is compatible with other materials and the Contractor certifies that the substitution will overcome the incompatibility
- 8.3.5.3.7 The Contractor cannot coordinate the specified product, assembly or method of construction with other materials and the Contractor certifies it can coordinate the proposed substitution.
- 8.3.5.3.8 The specified product, assembly or method of construction cannot provide a warranty required by the Contract Documents and the Contractor certifies that the proposed substitution provides the required warranty.
- 8.3.5.3.9 The manufacture of the specified product has been removed from production due to cancellation or obsolescence

8.3.6 Unauthorized Substitutions at Contractor's Risk. The Contractor is financially responsible for any additional costs or delays resulting from using materials, equipment or fixtures other than those specified. The Contractor shall reimburse the Owner for any increased design or contract administration costs resulting from such unauthorized substitutions.

8.4 Field Mock-up.

8.4.1 Mock-ups shall be constructed prior to commencement of a specified scope of work to confirm acceptable workmanship.

8.4.1.1 As a minimum, field mock-ups shall be constructed for roofing systems, exterior veneer/finish systems, glazing systems, and any other Work requiring a mock-up as identified throughout the Contract Documents. Mock-ups for systems not part of the Project scope shall not be required.

8.4.1.2 Mock-ups may be incorporated into the Work if allowed by the Contract Documents and if acceptable to the ODR. If mock-ups are freestanding, they shall remain in place until otherwise directed by the Owner.

8.4.1.3 The Contractor shall include field mock-ups in their Work Progress Schedule and shall notify the ODR and A/E of readiness for review sufficiently in advance to coordinate review without delay.

8.5 Inspection During Construction.

- 8.5.1 The Contractor shall provide sufficient, safe, and proper facilities, including all equipment and training, as necessary for safe access at all reasonable times for observation and/or inspection of the Work by the Owner and its agents. “Reasonable times” of inspection allow for sufficient monitoring of the quality of materials and installation without substantially impeding the progress of the Work
- 8.5.2 The Contractor shall not cover up any work with finishing materials or other building components prior to providing the Owner and its agents an opportunity to perform an inspection of the Work.
 - 8.5.2.1 Should corrections of the Work be required for approval, the Contractor shall not cover up corrected Work until the Owner indicates approval.
 - 8.5.2.2 The Contractor shall provide notification of at least ten (10) working days or otherwise as mutually agreed, to the ODR of the anticipated need for a cover-up inspection. Failure of the ODR to respond does not relieve Contractor of responsibility for Work to comply with requirements of the Contract Documents.

Article 9. Construction Schedules

- 9.1. Contract Time. TIME IS AN ESSENTIAL ELEMENT OF THE CONTRACT. The Contract Time is the time between the dates indicated in the Notice to Proceed for the commencement of the Work and for achieving Substantial Completion. The Contract Time can be modified only by Change Order. Failure to achieve Substantial Completion within the Contract Time or as otherwise agreed to in writing will cause damage to Owner and may subject Contractor to liquidated damages as provided in the Contract Documents. If Contractor fails to achieve Final Completion in a reasonable time but no longer than 90 days after Substantial Completion, Contractor shall be responsible for Owner’s damages including, but not limited to, additional inspection, project management, and maintenance cost to the extent caused by Contractor’s failure to achieve Final Completion.
- 9.2. Notice to Proceed. The Owner will issue a Notice to Proceed which shall state the dates for beginning Work.
- 9.3. Work Progress Schedule. Refer to Special Conditions and Division 1 General Administration Specifications for additional schedule requirements. Unless indicated otherwise in those documents, Contractor shall submit to the ODR and the A/E its initial Work Progress Schedule for the Work in relation to the entire Project not later than twenty-one (21) days after the effective date of the Notice to Proceed. Unless otherwise indicated in the Contract Documents, the Work Progress Schedule shall be based upon a computerized Critical Path Method (CPM) with fully editable logic. This initial schedule shall indicate the dates for starting and completing the various aspects required to complete the Work, including mobilization, procurement, installation, testing, inspection, delivery of Close-out Documents and

acceptance of all the Work of the Contract. When acceptable to the Owner, the initially accepted schedule shall be the Baseline Schedule for comparison to actual conditions throughout the Contract duration.

9.3.1 Schedule Requirements. The Contractor shall submit an electronic and a paper copy of the initial Work Progress Schedule reflecting accurate and reliable representations of the planned progress of the Work, the Work to date if any, and of the Contractor's actual plans for its completion. The Contractor shall organize and provide adequate detail so the schedule is capable of measuring and forecasting the effect of delaying events on completed and uncompleted activities.

9.3.1.1 The Contractor shall re-submit initial Schedule as required to address review comments from A/E and ODR until such Schedule is accepted as the Baseline Schedule.

9.3.1.2 Submittal of a schedule, schedule revision or schedule update constitutes the Contractor's representation to the Owner of the accurate depiction of all progress to date and that the Contractor will follow the schedule as submitted in performing the Work.

9.3.2 Schedule Updates. The Contractor shall update the Work Progress Schedule and the Submittal Register monthly, as a minimum, to reflect progress to date and current plans for completing the Work, and submit a paper and electronic copy of the update to the A/E and ODR as directed but as a minimum with each request for payment. The Owner has no duty to make progress payments unless accompanied by the updated Work Progress Schedule. The Contractor shall show the anticipated date of completion reflecting all extensions of time granted through Change Order as of the date of the update. Contractor may revise the Work Progress Schedule when in Contractor's judgment it becomes necessary for the management of the Work. Contractor shall identify all proposed changes to schedule logic to Owner and to A/E via an executive summary accompanying the updated schedule for review prior to final implementation of revisions into a revised Baseline Schedule. Schedule changes that materially impact Owner's operations shall be communicated promptly to ODR and shall not be incorporated into the revised Baseline Schedule without ODR's consent.

9.3.3 The Work Progress Schedule is for the Contractor's use in managing the Work, and submittal of the Schedule and successive updates or revisions, is for the information of the Owner and to demonstrate that the Contractor has complied with requirements for planning the Work. The Owner's acceptance of a schedule, schedule update or revision, constitutes the Owner's agreement to coordinate its own activities with the Contractor's activities as shown on the schedule.

9.3.3.1 Acceptance of the Work Progress Schedule, or an update and/or revision thereto does not indicate any approval of the Contractor's proposed sequences and duration.

- 9.3.3.2 Acceptance of a Work Progress Schedule update or revision indicating early or late completion does not constitute the Owner's consent, alter the terms of the Contract, or waive either the Contractor's responsibility for timely completion or the Owner's right to damages for the Contractor's failure to do so.
 - 9.3.3.3 The Contractor's scheduled dates for completion of any activity or the entire Work do not constitute a change in terms of the Contract. Change Orders are the only method of modifying the completion date(s) and Contract Time.
- 9.4. Ownership of Float. Unless indicated otherwise in the Contract Documents, the Contractor shall develop the Baseline Schedule and its execution plan to provide a minimum of 10 percent total float at the project level at acceptance of the Baseline Schedule. Float time contained in the Baseline Schedule is not for the exclusive benefit of the Contractor or the Owner, but belongs to the Project and may be consumed by either party. Before Contractor uses any portion of the float, Contractor must submit a written request through the monthly payment application process to do so to the Owner and receive Owner's written authorization to use the float. Owner's approval shall not be unreasonably withheld. Float cannot be used for weather days per paragraph 9.6.2.1, unless specifically approved in writing by ODR.
- 9.5. Completion of Work. The Contractor is accountable for completing the Work in the time stated in the Contract, or as otherwise amended by Change Order.
 - 9.5.1 If substantial completion date on the monthly updated Baseline Schedule is thirty (30) days later than the substantial completion date on the original Baseline Schedule (notice not required) or if, in the judgment of the Owner, the Work is behind schedule and the rate of placement of work is inadequate to regain scheduled progress to insure timely completion of the entire Work or a separable portion thereof, the Contractor, when so informed by the Owner, shall immediately take action to increase the rate of work placement by:
 - 9.5.1.1 An increase in working forces.
 - 9.5.1.2 An increase in equipment or tools.
 - 9.5.1.3 An increase in hours of work or number of shifts.
 - 9.5.1.4 Expediting delivery of materials.
 - 9.5.1.5 Other action proposed if acceptable to Owner.

- 9.5.2 Within ten (10) calendar days after such notice from the ODR, the Contractor shall notify the ODR in writing of the specific measures taken and/or planned to increase the rate of progress. The Contractor shall include an estimate as to the date of scheduled progress recovery and an updated Work Progress Schedule illustrating the Contractor's plan for achieving timely completion of the Project. Should the ODR deem the plan of action inadequate, the Contractor shall take additional steps or make adjustments as necessary to its plan of action until it meets with the ODR's approval.

9.6 Modification of the Contract Time

- 9.6.1 Delays and extension of time as hereinafter described are valid only if executed in accordance with provisions set forth in Article 11.
- 9.6.2 When a delay defined herein as excusable prevents the Contractor from completing the Work within the Contract Time, the Contractor is entitled to an extension of time. The Owner will make an equitable adjustment and extend the number of calendar days lost because of excusable delay, as measured by the Contractor's progress schedule. All extensions of time will be granted in calendar days. In no event, however, will an extension of time be granted for delays that merely extend the duration of non-critical activities, or which only consume float without delaying the project completion date.
- 9.6.2.1 "A Weather Day" is a day on which the Contractor's current schedule indicates Work is to be done, and on which inclement weather and related site conditions prevent the Contractor from performing seven hours of Work between the hours of 7:00 a.m. and 6:00 p.m. Weather days are excusable non-compensatory delays. When weather conditions at the Site prevent Work from proceeding, the Contractor shall immediately notify the ODR for confirmation of the conditions. At the end of each calendar month, the Contractor shall submit to the ODR and A/E a list of Weather Days occurring in that month along with documentation of the impact on critical activities. Based on confirmation by the ODR, any time extension granted will be issued by Change Order **for those weather days during that month which exceed the number expected, as shown in the Rainfall Table located in Special Conditions**. If the Contractor and Owner cannot agree on the time extension, the Owner may issue a Unilateral Change Order for a fair and reasonable time extension.

9.6.2.2 Excusable Delay. The Contractor is entitled to an equitable adjustment of time, issued via Change Order, for delays caused by the following:

- 9.6.2.2.1 Errors, omissions and imperfections in design which the A/E corrects by means of changes in the Drawings and Specifications.
- 9.6.2.2.2 Unanticipated physical conditions at the Site which the A/E corrects by means of changes to the Drawings and Specifications or for which the ODR directs changes in the Work identified in the Contract Documents.
- 9.6.2.2.3 Changes in the Work that affect activities identified in the Contractor's schedule as "critical" to completion of the entire Work, if such changes are ordered by the ODR or recommended by A/E and ordered by ODR.
- 9.6.2.2.4 Suspension of Work for unexpected natural events (sometimes called "acts of God"), civil unrest, strikes or other events which are not within the reasonable control of the Contractor.
- 9.6.2.2.5 Suspension of Work for convenience of the ODR, which prevents Contractor from completing the Work within the Contract Time.
- 9.6.2.2.6 Unanticipated asbestos material, hazardous material, archeological artifacts, or endangered species are discovered on a part of the construction site where Contractor is performing his work.

9.6.3 The Contractor's relief in the event of such delays is the time impact to the critical path as determined by analysis of the Contractor's baseline schedule and updates. In the event that the Contractor incurs additional direct costs because of the excusable delays other than described in Subparagraph 9.6.2.2.4 and within the reasonable control of Owner, the Contract Sum and Contract Time are to be equitably adjusted by Owner pursuant to the provisions of Article 11.

9.7 No Damages for Delay. An extension of the Contract Time shall be the sole remedy of Contractor for delays in performance of the Work, whether or not such delays are foreseeable, except for delays caused solely by acts of Owner that constitute intentional interference with Contractor's performance of the Work and then only to the extent such acts continue after Contractor notifies Owner in writing of such interference. For delays caused by any act(s) other than the sole intentional interference of Owner, Contractor shall not be entitled to any compensation or recovery of any damages including, without limitation, consequential damages, lost

opportunity costs, impact damages, loss of productivity, or other similar damages. Owner's exercise of any of its rights or remedies under the Contract including, without limitation, ordering changes in the Work or directing suspension, rescheduling, or correction of the Work, shall not be construed as intentional interference with Contractor's performance of the Work regardless of the extent or frequency of Owner's exercise of such rights or remedies.

- 9.8 Concurrent Delay. When the completion of the Work is simultaneously delayed by an excusable delay and a delay arising from a cause not designated as excusable, the Contractor is not entitled to a time extension for the period of concurrent delay.
- 9.9 Other Time Extension Requests. Time extensions requested in association with changes to the Work directed or requested by the Owner shall be included with the Contractor's proposed costs for such change. Time extensions requested for inclement weather are covered by paragraph 9.6.2.1 above. If the Contractor believes that the completion of the Work is delayed by a circumstance other than for changes directed to the Work or weather, it shall give the ODR written notice, stating the nature of the delay and the activities potentially affected, within five (5) calendar days after the onset of the event or circumstance giving rise to the delay. The Contractor shall provide sufficient written evidence to document the delay. In the case of a continuing cause of delay, only one notice of claim is necessary. The Contractor shall state claims for extensions of time in numbers of whole or half calendar days.
- 9.9.1 Within ten (10) calendar days after the cessation of the delay, the Contractor shall formalize its request for extension of time in writing to include a full analysis of the schedule impact of the delay and substantiation of the excusable nature of the delay. All changes to the Contract Time or made as a result of such claims is by Change Order, as set forth in Article 11.
- 9.9.2 No extension of time releases the Contractor or the Surety furnishing a performance or payment bond from any obligations under the Contract or such bond. Those obligations remain in full force until the discharge of the Contract.
- 9.9.3 Contents of Time Extension Requests. The Contractor shall provide with each time extension request a quantitative demonstration of the impact of the delay on Project completion time, based on the Work Progress Schedule. The Contractor shall include with Time Extension Requests a reasonably detailed narrative setting forth:
- 9.9.3.1 The nature of the delay and its cause; the basis of the Contractor's claim of entitlement to a time extension.
- 9.9.3.2 Documentation of the actual impacts of the claimed delay on the critical path indicated in the Contractor's Work Progress Schedule, and any concurrent delays.
- 9.9.3.3 Description and documentation of steps taken by the Contractor to

mitigate the effect of the claimed delay, including, when appropriate, the modification of the Work Progress Schedule.

9.9.4 Owner's Response. The Owner will respond to the Time Extension Request by providing to the Contractor written notice of the number of days granted, if any, and giving its reason if this number differs from the number of days requested by the Contractor.

9.9.4.1 The Owner will not grant time extensions for delays that do not affect the Contract Substantial Completion Date.

9.9.4.2 The Owner will respond to each properly submitted Time Extension Request within fifteen (15) calendar days following receipt. If the Owner cannot reasonably make a determination about the Contractor's entitlement to a time extension within that time, the Owner will notify the Contractor in writing. Unless otherwise agreed by the Contractor, the Owner has no more than fifteen (15) additional calendar days to prepare a final response. If Owner fails to respond within forty-five (45) days from the date the Time Extension Request is received, Contractor's request for a time extension shall be deemed rejected by Owner.

9.10 Failure to Complete Work Within the Contract Time. **TIME IS OF THE ESSENCE OF THIS CONTRACT.** The Contractor's failure to substantially complete the Work within the Contract Time or to achieve Substantial Completion as required will cause damage to the Owner. These damages are liquidated by agreement of the Contractor and the Owner.

9.11 Liquidated Damages. Owner may collect liquidated damages due from Contractor directly or indirectly by reducing the Contract Sum in the amount of liquidated damages stated in the Agreement or the Owner's Special Conditions.

The amount is collected not as a penalty but as liquidated damages representing the parties' estimate at the time of contract execution of the damages that Owner will sustain for late completion. Owner may also recover the liquidated damages from any money due or that becomes due Contractor. The amount of liquidated damages may be adjusted by Owner in Special Conditions.

The parties stipulate and agree that the actual damages sustained by Owner for late completion of the Project will be uncertain and difficult to ascertain, that calculating Owner's actual damages would be impractical, unduly burdensome, and cause unnecessary delay, and that the amount of daily liquidated damages set forth above is a reasonable estimate.

Payment of the liquidated damages does not preclude recovery by Owner of other damages or losses under other provisions of the Contract, except for claims related to delays in Substantial Completion or Final Completion. Owner's right to receive liquidated damages shall not affect Owner's right to terminate the Contract as provided in these uniform general conditions or elsewhere in the Contract Documents, nor shall termination of the Contract release Contractor from the

obligation to pay the liquidated damages.

Article 10. Payments

- 10.1 Schedule of Values. The Contractor shall submit to the ODR and the A/E for acceptance a Schedule of Values accurately itemizing material and labor for the various classifications of the Work based on the organization of the specification sections and of sufficient detail acceptable to ODR. The accepted Schedule of Values will be the basis for the progress payments under the Contract.
- 10.1.1 No progress payments will be made prior to receipt and acceptance of the Schedule of Values, provided in such detail as required by the ODR, and submitted not less than twenty-one calendar (21) days prior to the first request for payment. The Schedule of Values shall follow the order of trade divisions of the Specifications and include costs for general conditions, costs for preparing Close-out Documents, fees, contingencies, and Owner cash allowances, if applicable, so that the sum of the items will equal the Contract Sum. As appropriate, the Contractor shall assign labor and/or material values to each item, the subtotal thereof equaling the value of the Work in place when complete. Owner requires that the Work items be inclusive of the cost of the Work items only. Any Contract markups for overhead and profit, general conditions, submittals, Shop Drawings, etc., shall be contained within separate line items for those specific purposes which shall be divided into at least two (2) lines, one (1) for labor and one (1) for materials.
- 10.1.2 The Contractor shall retain a copy of all worksheets used in preparation of its bid or proposal, supported by a notarized statement that the worksheets are true and complete copies of the documents used to prepare the bid or proposal, and. make the worksheets available to the ODR at the time of Contract execution. Thereafter the Contractor shall grant the Owner during normal business hours access to said notarized copy of worksheets at any time during the period commencing upon execution of the Contract and ending one year after final payment.
- 10.2. Progress Payments. The Contractor will receive periodic progress payments for Work performed, materials in place, suitably stored on Site, or as otherwise agreed to by the Owner and the Contractor. Payment is not due until receipt by the ODR or his designee of a correct and complete Pay Application in electronic and/or hard copy format as set forth in Special Conditions or Division 1 Specifications, and certified by the A/E. Progress payments are made provisionally and do not constitute acceptance of Work not in accordance with the Contract Documents. The Owner will not process progress payment applications for Change Order work until all parties execute the Change Order.
- 10.2.1 Preliminary Pay Worksheet. Once each month that a progress payment is to be requested, the Contractor shall submit to the A/E and the ODR a complete, clean copy of a preliminary pay worksheet or Preliminary Pay Application, to include the following:

- 10.2.1.1 The Contractor's estimate of the amount of Work performed, labor furnished and materials incorporated into the Work, using the established Schedule of Values.
 - 10.2.1.2 An updated Work Progress Schedule including the Executive Summary and all required schedule reports.
 - 10.2.1.3 HUB subcontracting plan Progress Assessment Report as required in Paragraph 4.2.5.1.
 - 10.2.1.4 Such additional documentation as Owner may require as set forth elsewhere in the Contract Documents.
- 10.2.2 Contractor's Application for Progress Payment. As soon as practicable, but in no event later than seven days after receipt of the Preliminary Pay Worksheet, the A/E and ODR will meet with the Contractor to review the Preliminary Pay Worksheet and to observe the condition of the Work. Based on this review, the ODR and the A/E may require modifications to the Preliminary Pay Worksheet prior to the submittal of an application for progress payment, and will promptly notify the Contractor of revisions necessary for approval. As soon as practicable, the Contractor shall submit its Invoice on the appropriate and completed form, reflecting the required modifications to the Schedule of Values required by the A/E and/or ODR. The Contractor shall attach all additional documentation required by the ODR and/or A/E, as well as an affidavit affirming that all payrolls, bills for labor, materials, equipment, subcontracted work and other indebtedness connected with the Contractor's invoice are paid or will be paid within the time specified in Tex. Gov't Code, Chapter 2251. No invoice is complete unless it fully reflects all required modifications, and attaches all required documentation including the Contractor's affidavit.
- 10.2.3 Certification by A/E. Within five days or earlier following the A/E's receipt of the Contractor's formal invoice, the A/E will review the application for progress payment for completeness, and forward to the ODR. The A/E will certify that the application is complete and payable, or that it is incomplete, stating in particular what is missing. If the Invoice is incomplete, the Contractor shall make the required corrections and resubmit the Invoice for processing.
- 10.3 Owner's Duty to Pay. The Owner has no duty to pay the Contractor except on receipt by the ODR of: 1) a complete Invoice certified by the A/E, 2) HUB PAR Report, 3) the Contractor's updated Work Progress Schedule, and 4) confirmation that Contractor has maintained and updated the digital Record Documents.
- 10.3.1 Payment for stored materials and/or equipment confirmed by the Owner and A/E to be on-site or otherwise properly stored is limited to 85 percent of the invoice price or 85 percent of the scheduled value for the materials or equipment, whichever is less.

10.3.2 Retainage. The Owner will withhold from each progress payment, as retainage, 5 percent of the total earned amount, or the amount authorized by law. Retainage is managed in conformance with Tex. Gov't Code, Chapter 2252, Government Code, subchapter B.

10.3.2.1 The Contractor shall provide written consent of its Surety for any request for reduction or release of retainage.

10.3.2.2 At least sixty-five (65) percent of the Contract, or such other discrete Work phase as set forth in Subsection 12.1.6 or Work package delineated in the Contract Documents, must be completed before Owner can consider a retainage reduction or release.

10.3.2.3 After Substantial Completion Owner will release retainage in proportion to the amount of Work completed in Owner's opinion in the Project. All remaining retainage due the Contractor will be released with the Final Payment at Final Completion of the Project.

10.3.2.4 Contractor shall not withhold retainage from their Subcontractors and suppliers in amounts that are any percentage greater than that withheld in its Contract with Owner under this subsection.

10.3.3 Price Reduction to Cover Loss. The Owner may reduce any Periodic Invoice, or application for Progress Payment, prior to payment to the extent necessary to protect the Owner from loss on account of actions of the Contractor including, but not limited to:

10.3.3.1 Defective or incomplete Work not remedied.

10.3.3.2 Damage to Work of a separate Contractor.

10.3.3.3 Failure to maintain scheduled progress or reasonable evidence that the Work will not be completed within the Contract Time.

10.3.3.4 Persistent failure to carry out the Work in accordance with the Contract Documents.

10.3.3.5 Reasonable evidence that the Work cannot be completed for the unpaid portion of the Contract Sum.

10.3.3.6 Assessment of fines for violations of Prevailing Wage Rate law;
or

10.3.3.7 Failure to include the appropriate amount of retainage for that periodic progress payment.

- 10.3.4 Title to all material and Work covered by progress payments transfers to the Owner upon payment.
- 10.3.4.1 Transfer of title to Owner does not relieve the Contractor and its Subcontractors of the sole responsibility for the care and protection of materials and Work upon which payments have been made until final acceptance of the entire Work, or the restoration of any damaged Work, or waive the right of the Owner to require the fulfillment of all the terms of the Contract. Contractor shall include these provisions in all subcontracts.
- 10.4 Progress payments to the Contractor do not release the Contractor or its surety from any obligations under the Contract.
- 10.4.1 Upon the Owner's request, the Contractor shall furnish manifest proof of the status of its Subcontractor's accounts in a form acceptable to the Owner.
- 10.4.2 Pay estimate certificates must be signed by a corporate officer or a representative duly authorized by the Contractor.
- 10.4.3 The Contractor shall provide copies of bills of lading, invoices, delivery receipts or other evidence of the location and value of such materials in requesting payment for materials.
- 10.4.4 For purposes of Tex. Gov't Code § 2251.021(a)(2), the date the performance of service is complete is the date when the chief facilities officer approves the Application for Payment.
- 10.5 Off-Site Storage. With prior approval by the Owner and in the event Contractor elects to store materials at an off-site location, abide by the following conditions, unless otherwise agreed to in writing by the Owner.
- 10.5.1 Store materials in a commercial warehouse meeting the criteria stated below.
- 10.5.2 Provide separate Insurance Coverage adequate not only to cover materials while in storage, but also in transit from the off-site storage areas to the Project Site. Copies of duly authenticated certificates of insurance, made out to insure the Owner must be filed with the Owner's representative.
- 10.5.3 Inspection by Owner's representative is allowed at any time. The Owner's Inspectors must be satisfied with the security, control, maintenance, and preservation measures.
- 10.5.4 Materials for this Project are physically separated and marked for the Project in a sectioned-off area. Only materials which have been approved through the submittal process are to be considered for payment.

- 10.5.5 Owner reserves the right to reject materials at any time prior to final acceptance of the complete Project if they do not meet Contract requirements regardless of any previous progress payment made.
 - 10.5.6 With each monthly payment estimate, submit a report to the ODR, A/E, and Inspector listing the quantities of materials already paid for and still stored in the off-site location.
 - 10.5.7 Make warehouse records, receipts and invoices available to Owner's representatives, upon request, to verify the quantities and their disposition.
 - 10.5.8 In the event of Contract termination or default by Contractor, the items in storage off-site, upon which payment has been made, will be promptly turned over to Owner or Owner's agents at a location near the jobsite as directed by the ODR. The full provisions of performance and payment bonds on this Project cover the materials off-site in every respect as though they were stored on the Project Site.
- 10.6 Time for Payment by Contractor Pursuant to Tex. Gov't Code § 2251.022.
- 10.6.1 Contractor who receives a payment from a governmental entity shall pay Subcontractor the appropriate share of the payment not later than the tenth (10th) day after the date Contractor receives the payment.
 - 10.6.2 The appropriate share is overdue on the eleventh (11th) day after the date Contractor receives the payment

Article 11. Changes

- 11.1. Change Orders. A Change Order issued after execution of the Contract is a written order to the Contractor, signed by the ODR, the Contractor, and the A/E, authorizing a change in the Work or an adjustment in the Contract Sum or the Contract Time. The Contract Sum and the Contract Time can only be changed by Change Order. A Change Order signed by the Contractor indicates his agreement therewith, including the adjustment in the Contract Sum and/or the Contract Time. The ODR may issue written authorization for the Contractor to proceed with work of a Change Order in advance of final execution by all parties in accordance with Section 11.9.
 - 11.1.1 The Owner, without invalidating the Contract, and without prior approval of the surety, may order changes in the Work within the general scope of the Contract consisting of additions, deletions or other revisions, and the Contract Sum and the Contract Time will be adjusted accordingly. All such changes in the Work shall be authorized by Change Order or Unilateral Change Order (ULCO), and shall be performed under the applicable conditions of the Contract Documents. If such changes cause an increase or decrease in the Contractor's cost of, or time required for, performance of the Contract, an equitable adjustment shall be made and confirmed in writing in a Change

Order or ULCO.

- 11.1.2 It is recognized by the parties hereto and agreed by them that the Drawings and Specifications may not be complete or free from errors, omissions and imperfections or that they may require changes or additions in order for the Work to be completed to the satisfaction of Owner and that, accordingly, it is the express intention of the parties, notwithstanding any other provisions in this Contract, that any errors, omissions or imperfections in such Drawings and Specifications, or any changes in or additions to same or to the Work ordered by Owner and any resulting delays in the Work or increases in Contractor's costs and expenses, shall not constitute or give rise to any claim, demand or cause of action of any nature whatsoever in favor of Contractor, whether for breach of contract, or otherwise; provided, however, that Owner shall be liable to Contractor for the sum stated to be due Contractor in any Change Order approved and signed by both parties, it being agreed hereby that such sum, together with any extension of time contained in said Change Order, shall constitute full compensation to Contractor for all costs, expenses and damages to Contractor for the changes in the Work described in the Change Order as permitted under Tex. Gov't Code, Ch. 2260.
- 11.1.3 Procedures for administration of Change Orders shall be established by the Owner and stated in Supplementary General Conditions, Special Conditions, or elsewhere in the Contract Documents.
- 11.1.4 No verbal order, verbal statement, or verbal direction of the Owner or its duly appointed representative shall be treated as a change under this article or entitle the Contractor to an adjustment.
- 11.1.5 The Contractor agrees that the Owner or any of its duly authorized representatives shall have access and the right to examine any directly pertinent books, documents, papers, and records of the Contractor. Further, the Contractor agrees to include in all its subcontracts a provision to the effect that the Subcontractor agrees that the Owner or any of its duly authorized representatives shall have access to and the right to examine any directly pertinent books, documents, papers and records of such Subcontractor relating to any claim arising from this Contract, whether or not the Subcontractor is a party to the claim. The period of access and examination described herein which relates to appeals under the Disputes article of the Contract, litigation, or the settlement of claims arising out of the performance of the Contract shall continue until final disposition of such claims, appeals or litigation.
- 11.2 Unit Prices. If unit prices are stated in the Contract Documents or subsequently agreed upon, and if the quantities originally contemplated are so changed in a Change Order that application of the agreed unit prices to the quantities of work proposed will cause substantial inequity to the Owner or the Contractor, the applicable unit prices shall be equitably adjusted as provided in the Supplementary General Conditions or Special Conditions or as agreed to by the parties and incorporated

into the Change Order.

11.3 Claims for Additional Costs

- 11.3.1 If the Contractor wishes to make a claim for an increase in the Contract Sum not related to a requested change, it shall give the Owner and the A/E written notice thereof within twenty-one (21) days after the occurrence of the event giving rise to such claim, but, in any case before proceeding to execute the Work considered to be additional cost or time, except in an emergency endangering life or property in which case the Contractor shall act in accordance with Subsection
- 11.3.2 No such claim shall be valid unless so made. If the Owner and the Contractor cannot agree on the amount of the adjustment in the Contract Sum, it shall be determined as set forth under Article 15. Any change in the Contract Sum resulting from such claim shall be authorized by Change Order or a ULCO.
- 11.3.3 If the Contractor claims that additional cost is involved because of, but not limited to: 1) any written interpretation of the Contract Documents, 2) any order by the Owner to stop the Work pursuant to Article 14 where the Contractor was not at fault, or 3) any written order for a minor change in the Work issued pursuant to Section 11.4, the Contractor shall make such claim as provided in Subsection 11.3.1.
- 11.3.4 Should the Contractor or its Subcontractors fail to call attention of the A/E to discrepancies or omissions but claim additional costs for corrective work after Contract award, Owner may assume intent to circumvent competitive bidding for necessary corrective work. In such case, the Owner may choose to let a separate contract for the corrective work, or issue a ULCO to require performance by the Contractor. Claims for time extensions or for extra cost resulting from delayed notice of Contract Document discrepancies or omissions will not be considered by the Owner.
- 11.4. Minor Changes. The A/E, with concurrence of the ODR, will have authority to order minor changes in the Work not involving an adjustment in the Contract Sum or an extension of the Contract Time. Such changes shall be affected by written order which the Contractor shall carry out promptly and record on Record Documents.
- 11.5. Concealed Site Conditions. Contractor is responsible for visiting the Site and being familiar with local conditions such as the location, accessibility, and general character of the Site and/or building. If, in the performance of the Contract, subsurface, latent or concealed conditions at the Site are found to be materially different from the information included in the Contract Documents, or if unknown conditions of an unusual nature are disclosed differing materially from the conditions usually inherent in Work of the character shown and specified, the ODR and the A/E shall be notified in writing of such conditions before they are further disturbed or subsequent related work proceeds. Upon such notice, or upon its own observation of such conditions, A/E, with the approval of the ODR, will promptly make such changes in the Drawings and Specifications as they deem necessary to conform to the different conditions, and any increase or decrease in the cost of the

Work, or in the time within which the Work is to be completed, resulting from such changes will be adjusted by Change Order, subject to the prior approval of the ODR.

- 11.6. Extension of Time. All Changes to the Contract Time shall be made as a consequence of requests as required under Section 9.6, and as documented by Change Order as provided under Section 11.1.
- 11.7 Administration of Change Orders. All changes in the Contract shall be administered in accordance with procedures approved by the Owner, and when required make use of such electronic information management system(s) as the Owner may employ.
- 11.7.1 Routine changes in the Contract shall be formally initiated by the ODR, Contractor or A/E by means of a Contract change form detailing requirements of the proposed change for pricing by the Contractor. This action may be preceded by communications between the Contractor, A/E and ODR concerning the need and nature of the change, but such communications shall not constitute a basis for beginning the proposed Work by the Contractor. Except for emergency conditions described below, approval of the Contractor's cost proposal by the Owner will be required for authorization to proceed with the Work being changed. The Owner will not be responsible for the cost of work changed without prior approval and the Contractor may be required to remove work so installed.
- 11.7.2 All proposed costs for Change Order work must be supported by itemized accounting of material, equipment and associated itemized installation costs in sufficient detail, following the outline and organization of the established Schedule of Values, to permit analysis by the A/E and ODR using current estimating guides and/or practices. Copies of Subcontractor and vendor proposals shall be furnished unless specifically waived by the ODR. Contractor shall provide written response to a Change Order within twenty-one (21) calendar days of receipt.
- 11.7.3 Any unexpected circumstance which necessitates an immediate change in order to avoid a delay in progress of the Work may be expedited by written communication and authorization between the Contractor and Owner. A limited scope not-to-exceed estimate of cost and time will be requested prior to authorizing Work to proceed. Should the estimate be impractical for any reason, the ODR may authorize the use of detailed cost records of such Work to establish and confirm the actual costs and time for documentation in a formal Change Order.
- 11.7.4 Emergency changes to save life or property may be initiated by the Contractor alone (see Article 7.3) with the claimed cost and/or time of such work to be fully documented as to necessity and detail of the reported costs and/or time.
- 11.7.5 The method of incorporating approved Change Orders into the parameters

of the accepted Schedule of Values must be coordinated and administered in a manner acceptable to the ODR.

11.8 Pricing Change Order Work. The amounts that the Contractor and/or its Subcontractors add to a Contract Change for profit and overhead will also be considered by the Owner before approval is given and a Change Order issued. The amounts established hereinafter are the maximums that are acceptable to the Owner. The Contractor shall not stop Work during the negotiation of a change order. Contractor shall include these provisions in all subcontracts.

11.8.1 For work performed by its forces, the Contractor will submit an itemized Change Order covering the additional Work and/or the Work to be deleted. The Change Order shall be itemized for the various components of Work and divided by labor, materials and equipment in a detailed format satisfactory to the Owner. The Contractor shall include same detailed information from all its Subcontractors regardless of tier.

11.8.1.1 Estimated labor costs to be included for self-performed work shall be based on the actual cost per hour paid by the Contractor for those workers or crews of workers who the Contractor reasonably anticipates will perform the Change Order work. Estimated labor hours shall include hours only for those workmen and working foremen directly involved in performing the Change Order work. Supervision above the level of working foremen (such as general foremen, non- working foremen, superintendent, project manager, etc.) is considered to be included in the Markup Percentages as outlined in Subsections 11.8.1.7 and 11.8.2. Note: No separate allowances for warranty or safety expenses will be allowed as a direct cost of a Change Order. Costs attributed to warranty expenses and safety expense will be considered to be covered by the Markup Percentages as outlined in Subsections 11.8.1.7 and 11.8.2

11.8.1.2 Labor burden allowable in Change Orders shall be defined as employer's net actual cost of payroll taxes (FICA, Medicare, SUTA, FUTA), net actual cost for employer's cost of union benefits (or other usual and customary fringe benefits if the employees are not union employees), and net actual cost to employer for worker's compensation insurance taking into consideration adjustments for experience modifiers, premium discounts, dividends, rebates, expense constants, assigned risk pool costs, net cost reductions due to policies with deductibles for self-insured losses, assigned risk rebates, etc. Contractor shall reduce their standard payroll tax percentages to properly reflect the effective cost reduction due to the estimated impact of the annual maximum wages subject to payroll taxes. (An estimated percentage for labor burden may be used for pricing Change Orders. However, the percentage used for labor burden to price Change Orders will be examined at the conclusion of the Project

and an adjustment to the approved Change Orders will be processed if it is determined that the actual labor burden percentage should have been more or less than the estimated percentage used.)

- 11.8.1.3 Employee Stock Ownership Plan (ESOP) related fringe benefit costs are specifically considered non-reimbursable labor burden and any ESOP costs are considered covered by the allowable Change Order markups to cover overhead and profit.
- 11.8.1.4 Estimated material costs shall reflect the Contractor's reasonably anticipated net actual cost for the purchase of the material needed for the Change Order work. Estimated material costs shall reflect cost reductions available to the Contractor due to "non-Cash" discounts, trade discounts, free material credits, and/or volume rebates. Price quotations from material suppliers must be itemized with unit prices for each specific item to be purchased. "Lot pricing" quotations will not be considered sufficient substantiating detail.
- 11.8.1.5 Allowable Change Order estimated costs may include appropriate amounts for rental of major equipment specifically needed to perform the Change Order work (defined as tools and equipment with an individual purchase cost of more than \$750). For Contractor owned equipment, the "bare" equipment rental rates allowed to be used for pricing Change Order proposals shall be 75% of the monthly rate listed in the most current publication of The AED Green Book divided by 173.3 to arrive at a maximum hourly rate to be applied to the hours the equipment is used performing the Change Order work. Further, for Contractor owned equipment the aggregate equipment rent charges for any single piece of equipment used in all Change Order work shall be limited to 50% of the fair market value of the piece of equipment when the first Change Order is priced involving usage of the piece of equipment. Fuel necessary to operate the equipment will be considered as a separate direct cost associated with the Change Order work.
- 11.8.1.6 Allowable Change Order estimated costs may include manufacturing (shop rate) labor rate; manufacturing supplies pertaining to the particular change order (including miscellaneous supplies used for fabrication, finishing, tooling, shipping, etc.); manufacturing maintenance (including maintenance employees and repair parts for equipment, waste pick-up, et.) and miscellaneous expenses (includes consumables and waste not included above). Items not allowed are utilities, property taxes, depreciation on manufacturing equipment, delivery truck maintenance and indirect labor.
- 11.8.1.7 Allowable percentages for overhead and profit on changes will

not exceed 15 percent if the total of self-performed work is less than or equal to \$10,000, 10 percent if the total of self-performed work is between \$10,000 and \$20,000 and 7.5 percent if the total of self-performed work is over \$20,000, for any specific change priced.

- 11.8.1.8 Change Order cost adjustments due an increase or decrease in bond or insurance costs (if applicable) shall not be subject to any markup percentage fee.
- 11.8.1.9 As a further clarification, the agreed upon markup percentage fee is intended to cover the Contractor's profit and all indirect costs associated with the Change Order work. Items intended to be covered by the markup percentage fee include, but are not limited to: home office expenses, branch office and field office overhead expense of any kind; project management; superintendents, general foremen; non-working foremen, estimating, engineering; coordinating; expediting; purchasing; detailing; legal, accounting, data processing or other administrative expenses; Shop Drawings; permits; auto insurance and umbrella insurance; pick-up truck costs; ESOP related costs; and warranty expense costs. The cost for the use of small tools is also to be considered covered by the markup percentage fee. Small tools shall be defined as tools and equipment (power or non-power) with an individual purchase cost of less than \$750.
- 11.8.1.10 In no event will any lump sum or percentage amounts for "contingency" be allowed to be added as a separate line item in Change Order estimates. Unknowns attributable to labor hours will be accounted for when estimating labor hours anticipated to perform the work. Unknowns attributable to material scrap and waste will be estimated as part of material costs.
- 11.8.1.11 In the event the Contractor has been required to furnish comprehensive general liability insurance and/or performance and/or payment bonds as part of the base Contract Sum, a final Change Order will be processed to account for the Contractor's net increase or decrease in comprehensive general liability insurance costs and/or net bond premium costs associated with Change Orders to Contractor's base Contract Sum. Note: If a Change Order or a separate payment is made to reimburse the Contractor for the cost of a Performance and/or Payment Bond. The Contractor will be required to remit any bond dividend or rebate that it will receive from the surety after the successful completion of the Project.

- 11.8.2 For subcontracted Work each affected Subcontractor shall figure its costs, overhead and profit as described above for Contractor's work, all Subcontractor costs shall be combined, and to that total Subcontractor cost the Contractor will be allowed to add a maximum mark-up of 10 percent if

the total of all subcontracted work is less than or equal to \$10,000, 7.5 percent if the total of all subcontracted work is between \$10,000 and \$20,000 and 5 percent if the total of all Subcontractor work is over \$20,000.

- 11.8.3 On changes involving both additions and deletions, percentages for overhead and profit will be allowed only on the net addition. The Owner does not accept and will not pay for additional Contract cost identified as indirect, consequential, or as damages caused by delay.
- 11.8.4 On contracts based on a Guaranteed Maximum Price (GMP), the Construction Manager-at-Risk or Design Build Firm shall NOT be entitled to a percentage mark-up on any Change Order work unless the Change Order increases the Guaranteed Maximum Price.
- 11.8.5 Contractor shall submit accurate cost and pricing data to support its Change Order or other Contract Sum adjustments under the Contract. Contractor shall submit Change Order proposals with cost and pricing data which is accurate, complete, current, and in accordance with the terms of the Contract with respect to pricing of Change Orders. Contractor shall agree that any "buy-out savings" on Change Orders shall accrue 100% to Owner. "Buy-out savings" here are defined as any savings negotiated by the Contractor with a Subcontractor or a material supplier after receiving approval of a Change Order amount that was designated to be paid to a specific Subcontractor or supplier for the approved Change Order work.
- 11.8.6 Contractor, shall agree that any designated Owner's representative will have the right to examine (copy or scan) the records of the Contractor, its Subcontractor or sub-sub contractor's records (during the Contract period and up to three years after final payment is made on the Contract) to verify the accuracy and appropriateness of the pricing data used to price all Change Order proposals and/or claims. Contractor shall agree that if the Owner determines the cost and pricing data submitted (whether approved or not) was inaccurate, incomplete, not current, or not in compliance with the terms of the Contract regarding pricing of Change Orders, an appropriate Contract Sum adjustment will be made. Such post-approval Contract Sum adjustments will apply to all levels of Contractors and/or its Subcontractors and to all types of Change Order proposals specifically including lump sum Change Orders, unit price Change Orders, and cost-plus Change Orders.
- 11.8.7 Contractor shall provide a breakdown of allowable labor and labor burden cost information. This information will be used to evaluate the potential cost of labor and labor burden related to Change Order work. It is intended that this information represent an accurate estimate of the Contractor's actual labor and labor burden cost components. This information is not intended to establish fixed billing or Change Order pricing labor rates. However, at the time Change Orders are priced, the submitted cost data for labor rates may be used to price Change Order work. The accuracy of any such agreed upon labor cost components used to price Change Orders will be subject to later audit. Approved Change Order amounts may be adjusted later to correct the impact of inaccurate labor cost components if the agreed upon labor cost

components are determined to be inaccurate.

11.9 Unilateral Change Order (ULCO). Owner may issue a written ULCO directing a change in the Work prior to reaching agreement with Contractor on the adjustment, if any, in the Contract Sum and/or the Contract Time.

11.9.1 Owner and Contractor shall negotiate for appropriate adjustments, as applicable, to the Contract Sum or the Contract Time arising out of a ULCO. As the changed Work is performed, Contractor shall submit its costs for such Work with its Application for Payment beginning with the next Application for Payment within thirty (30) days of the issuance of the ULCO. The issuance of a ULCO does not prejudice the Contractor's rights to make claims or to appeal disputed matters under, Article 15 and paragraph 12.3.7.

11.10 Finality of Changes. Upon execution of a Change Order and /or a ULCO by Owner, Contractor and A/E, all costs and time issues claimed by Contractor regarding that change are final and not subject to increase.

11.11 Audit of Changes. All Changes Orders are subject to audit by Owner or its representative(s) at any time in accordance with Article 17.5 and Change Order amounts may be adjusted lower as a result of such audit.

Article 12. Project Completion and Acceptance

12.1. Closing Inspections

12.1.1 Substantial Completion Inspection. When the Contractor considers the entire Work or part thereof substantially complete, it shall notify the ODR in writing that the Work will be ready for substantial completion inspection on a specific date. The Contractor shall include with this notice the Contractor's Punchlist to indicate that it has previously inspected all the Work associated with the request for inspection, has corrected items where possible, and includes all items scheduled for completion or correction prior to final inspection. The failure to include any items on this list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents. If any of the items on this list prevents the facility from being used as intended, the Contractor shall not request a substantial completion inspection. The Owner and its representatives will review the list of items and schedule the requested inspection, or inform the Contractor in writing that such an inspection is premature because the Work is not sufficiently advanced or conditions are not as represented on the Contractor's list.

12.1.1.1 Prior to the substantial completion inspection, the Contractor shall furnish a copy of its marked-up Record Drawings and a preliminary copy of each instructional manual, maintenance and operating manual, parts catalog, wiring diagrams, spare parts, specified written warranties and like publications or parts for all installed equipment, systems and like items as described in the

Contract Documents. Delivery of these items is a prerequisite for requesting the substantial completion inspection.

12.1.1.2 On the date requested by Contractor, or as mutually agreed upon pending the status of the open items list, the A/E, ODR, the Contractor and other Owner representatives as determined by the Owner, will jointly attend the substantial completion inspection, which shall be conducted by the ODR or their delegate. If the ODR determines that the Work is substantially complete, the ODR will issue a Certificate of Substantial Completion to be signed by the A/E, Owner and Contractor, establishing the date of Substantial Completion, and identifying responsibilities for security, maintenance, insurance and utilities. Provided with this Certificate will be a consolidated list of Punchlist items (the pre-final Punchlist including all items noted by the various inspecting parties) for completion prior to final inspection. This list may include items in addition to those on the Contractor's Punchlist, which the inspection team deems necessary to correct or complete prior to final inspection. If the Owner occupies the facility upon determination of Substantial Completion, the Contractor shall complete all corrective Work at the convenience of the Owner, without disruption to Owner's use of the facility for its intended purposes.

12.1.2 Final Inspection. The Contractor shall complete the list of items identified on the Pre-Final Punchlist prior to requesting a Final Inspection. Unless otherwise specified, or otherwise agreed in writing by the parties as documented on the Certificate of Substantial Completion, the Contractor shall complete and/or correct all Work within thirty (30) days of the Substantial Completion date. Upon completion of the Pre-Final Punchlist work, the Contractor shall give written notice to the ODR and A/E that the Work will be ready for Final Inspection on a specific date. The Contractor shall accompany this notice with a copy of the updated Pre-Final Punchlist indicating resolution of all items. On the date specified or as soon thereafter as is practicable, the ODR, A/E and the Contractor will inspect the Work. The A/E will submit to the Contractor a Final Punchlist of open items that the inspection team requires corrected or completed before final acceptance of the Work.

12.1.2.1 The Contractor must correct or complete all items on the Final Punchlist before requesting Final Payment. Unless otherwise agreed to in writing by the parties, complete this within seven (7) days of receiving the Final Punchlist. Upon completion of the Final Punchlist, the Contractor shall notify the A/E and ODR in writing stating the disposition of each Final Punchlist item. The A/E, Owner and Contractor shall promptly inspect the completed items. When the Final Punchlist is complete, and the Contract is fully satisfied according to the Contract Documents the ODR will issue a certificate establishing the date of Final Completion.

Completion of all Work is a condition precedent to the Contractor's right to receive Final Payment.

12.1.3 Annotation. Any certificate issued under this Article may be annotated to indicate that it is not applicable to specified portions of the Work, or that it is subject to any limitation as determined by the Owner.

12.1.4 Purpose of Inspection. Inspection is for determining the completion of the Work, and does not relieve the Contractor of its overall responsibility for completing the Work in a good and competent fashion, in compliance with the Contract. Work accepted with incomplete Punchlist items or failure of the Owner or other parties to identify Work that does not comply with the Contract Documents or is defective in operation or workmanship does not constitute a waiver of the Owner's rights under the Contract or relieve the Contractor of its responsibility for performance or warranties.

12.1.5 Additional Inspections

12.1.5.1 If the Owner's inspection team determines that the Work is not Substantially Complete at the Substantial Completion Inspection, the ODR or A/E will give the Contractor written notice listing cause(s) of the rejection. The ODR will set a time for completion of incomplete or defective work. The Contractor must complete or correct all work so designated prior to requesting a second Substantial Completion Inspection.

12.1.5.2 If the Owner's inspection team determines that the Work is not complete at the Final Inspection, the ODR or the A/E will give the Contractor written notice listing the cause(s) of the rejection. The ODR will set a time for completion of incomplete or defective work. The Contractor shall complete or correct all Work so designated prior to again requesting a Final Inspection.

12.1.5.3 The Contract contemplates three (3) comprehensive inspections: the Substantial Completion Inspection, the Final Completion Inspection, and the Inspection of Completed Final Punchlist Items. The cost to the Owner of additional inspections resulting from the Work not being ready for one or more of these inspections is the responsibility of the Contractor. The Owner may issue a Unilateral Change Order deducting these costs from Final Payment. Upon the Contractor's written request, the Owner will furnish documentation of any costs so deducted. Work added to the Contract by Change Order after Substantial Completion Inspection is not corrective work for purposes of determining timely completion, or assessing the cost of additional inspections.

12.1.6 Phased Completion. The Contract may provide, or project conditions may warrant, as determined by the ODR, that designated elements or parts of the Work be completed in phases. Where phased completion is required or specifically agreed to by the parties, the provisions of the Contract related to

closing inspections, occupancy and acceptance apply independently to each designated element or part of the Work. For all other purposes, unless otherwise agreed by the parties in writing, Substantial Completion of the Work as a whole is the date on which the last element or part of the Work completed receives a Substantial Completion certificate. Final Completion of the Work as a whole is the date on which the last element or part of the Work completed receives a Final Completion certificate.

- 12.2 Owner's Right of Occupancy. The Owner may occupy or use all or any portion of the Work following Substantial Completion, or at any earlier stage of completion. Should the Owner wish to use or occupy the Work, or part thereof, prior to Substantial Completion, the ODR will notify the Contractor in writing and identify responsibilities for security, maintenance, insurance and utilities. Work performed on the premises by third parties on the Owner's behalf does not constitute occupation or use of the Work by the Owner for purposes of this Article. All Work performed by the Contractor after occupancy, whether in part or in whole, shall be at the convenience of the Owner so as to not disrupt Owner's use of, or access to, occupied areas of the Project.

12.3 Acceptance & Payment

- 12.3.1 Request for Final Payment. Following the certified completion of all Work, including all punch list items, cleanup, and the delivery of Record Documents, the Contractor shall submit a certified Application for Final Payment. The Contractor must include in the Application of Final Payment all sums held as retainage and forward to the A/E and the ODR for review and approval.
- 12.3.2 Final Payment Documentation. The Contractor shall submit, prior to or with the Application for Final Payment, final copies of all Close-out Documents, maintenance and operating instructions, guarantees and warranties, certificates, Record Documents and all other items required by the Contract. Contractor shall submit evidence of return of access keys and cards, evidence of delivery to Owner of attic stock, spare parts, and other specified materials. The Contractor shall submit Consent of Surety to Final Payment and an affidavit that all payrolls, bills for materials and equipment, subcontracted work and other indebtedness connected with the Work, except as specifically noted, are paid, will be paid, or otherwise satisfied within the period of time required by Tex. Gov't Code, Chapter 2251. The Contractor shall furnish documentation establishing payment or satisfaction of all such obligations, such as receipts, releases and waivers of claims and liens arising out of the Contract. The Contractor may not subsequently submit a claim on behalf of a Subcontractor or vendor unless the Contractor's affidavit notes that claim as an exception.
- 12.3.3 A/E Approval. The A/E will review a submitted Application for Final Payment promptly but in no event later than ten (10) days after its receipt. Prior to the expiration of this deadline, the A/E will either 1) return the Application for Final Payment to Contractor with corrections for action and

resubmission or 2) accept it, note its approval and send to Owner.

- 12.3.4 Offsets and Deductions. The Owner may deduct from the Final Payment all sums due from the Contractor. If the Certificate of Final Completion notes any Work remaining, incomplete, or any defects not remedied, the Owner may deduct the cost of remedying such deficiencies from the Final Payment. On such deductions, the Owner will identify each deduction, the amount, and the explanation of the deduction on or by the 21st day after Owner's receipt of an approved Application for Final Payment. Such offsets and deductions shall be incorporated via a final Change Order, including a Unilateral Change Order as may be applicable.
- 12.3.5 Final Payment Due. Final Payment is due and payable by the Owner, subject to all allowable offsets and deductions, on the 30th day following the Owner's approval of the final Application for Payment. If the Contractor disputes any amount deducted by the Owner, the Contractor shall give notice of the dispute on or before the thirtieth (30th) day following receipt of Final Payment. Failure to do so will bar any subsequent claim for payment of amounts deducted.
- 12.3.6 Effect of Final Payment. Final Payment constitutes a waiver of all claims by the Owner, relating to the condition of the Work except those arising from:
- 12.3.6.1 Faulty or defective Work appearing after Substantial Completion (latent defects); and/or
 - 12.3.6.2 Failure of the Work to comply with the requirements of the Contract Documents; and/or
 - 12.3.6.3 Terms of any warranties required by the Contract, or implied by law; and/or
 - 12.3.6.4 Claims arising from personal injury or property damage to third parties.
- 12.3.7 Waiver of Claims. Final payment constitutes a waiver of all claims and liens by the Contractor except those specifically identified in writing and submitted to the ODR prior to the Application for Final Payment.
- 12.3.8 Effect on Warranty. Regardless of approval and issuance of Final Payment, the Contract is not deemed fully performed by the Contractor and closed until the expiration of all warranty periods. Issuance of Final Payment does not alter Contractor's contractual obligations during the warranty period.

Article 13. Warranty and Guarantee

- 13.1. Contractor's General Warranty and Guarantee. Contractor warrants to the Owner that all Work is executed in accordance with the Contract, complete in all parts and in accordance with approved practices and customs, and of the required finish and

workmanship. The Contractor further warrants that unless otherwise specified, all materials and equipment incorporated in the Work under the Contract are new. The Owner may, at its option, agree in writing to waive any failure of the Work to conform to the Contract, and to accept a reduction in the Contract Sum for the cost of repair or diminution in value of the Work by reason of such defect. Absent such a written agreement, the Contractor's obligation to perform and complete the Work in accordance with the Contract Documents is absolute and is not waived by any inspection or observation by the Owner, A/E or others, by making any progress payment or Final Payment, by the use or occupancy of the Work or any portion thereof by the Owner, at any time, or by any repair or correction of such defect made by the Owner.

13.2. Warranty Period. Except as may be otherwise specified or agreed, the Contractor shall repair all defects in materials, equipment, or workmanship appearing within one year from the date of Substantial Completion of the Work. If Substantial Completion occurs by phase, then the warranty period for that particular Work begins on the date of such occurrence, or as otherwise stipulated on the Certificate of Substantial Completion for the particular Work.

13.3 Limits on Warranty. Contractor's warranty and guarantee hereunder excludes defects or damage caused by:

13.3.1 Modification or improper maintenance or operation by persons other than Contractor, its Subcontractors, or any other individual or entity for whom Contractor is responsible, unless Owner is compelled to undertake maintenance or operation due to the neglect of the Contractor.

13.3.2 Normal wear and tear under normal usage after acceptance of the Work by the Owner.

13.4 Events Not Affecting Warranty. Contractor's obligation to perform and complete the Work in a good and workmanlike manner in accordance with the Contract Documents is absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents or a release of Contractor's obligation to perform the Work in accordance with the Contract Documents:

13.4.1 Observations by Owner and/or A/E;

13.4.2 Recommendation to pay any progress or Final Payment by A/E;

13.4.3 The issuance of a Certificate of Substantial Completion or any payment by Owner to Contractor under the Contract Documents;

13.4.4 Use or occupancy of the Work or any part thereof by Owner;

13.4.5 Any acceptance by Owner or any failure to do so;

13.4.6 Any review of a Shop Drawing or Sample submittal; or

- 13.4.7 Any inspection, test or approval by others.
- 13.5 Separate Warranties. If a particular piece of equipment or component of the Work for which the Contract requires a separate warranty is placed in continuous service before Substantial Completion, the Warranty Period for that equipment or component will not begin until Substantial Completion, regardless of any warranty agreements in place between suppliers and/or Subcontractors and the Contractor. The ODR will certify the date of service commencement in the Certificate of Substantial Completion.
- 13.5.1 In addition to the Contractor's warranty and duty to repair, the Contractor expressly assumes all warranty obligations required under the Contract for specific building components, systems and equipment.
- 13.5.2 The Contractor may satisfy any such obligation by obtaining and assigning to the Owner a complying warranty from a manufacturer, supplier, or Subcontractor. Where an assigned warranty is tendered and accepted by the Owner which does not fully comply with the requirements of the Contract, the Contractor remains liable to the Owner on all elements of the required warranty not provided by the assigned warranty.
- 13.6 Correction of Defects. Upon receipt of written notice from the Owner, or any agent of the Owner designated as responsible for management of the Warranty Period, of the discovery of a defect, the Contractor shall promptly remedy the defect(s), and provide written notice to the Owner and designated agent indicating action taken. In case of emergency where delay would cause serious risk of loss or damage to the Owner, or if the Contractor fails to remedy within 30 days, or within another period agreed to in writing, the Owner may correct the defect and be reimbursed the cost of remedying the defect from the Contractor or its Surety.

Article 14. Suspension and Termination

- 14.1 Suspension of Work for Cause. The Owner may, at any time without prior notice, suspend all or any part of the Work, if after reasonable observation and/or investigation, the Owner determines it is necessary to do so to prevent or correct any condition of the Work, which constitutes an immediate safety hazard, or which may reasonably be expected to impair the integrity, usefulness or longevity of the Work when completed.
- 14.1.1 The Owner will give the Contractor a written notice of suspension for cause, setting forth the reason for the suspension and identifying the Work suspended. Upon receipt of such notice, the Contractor shall immediately stop the Work so identified. As soon as practicable following the issuance of such a notice, the Owner will initiate and complete a further investigation of the circumstances giving rise to the suspension, and issue a written determination of the findings.
- 14.1.2 If it is confirmed that the cause was within the control of the Contractor, the

Contractor will not be entitled to an extension of time or any compensation for delay resulting from the suspension. If the cause is determined not to have been within the control of the Contractor, and the suspension has prevented the Contractor from completing the Work within the Contract Time, the suspension is an Excusable Delay and a Time Extension will be granted through a Change Order.

- 14.1.3 Suspension of work under this provision will be no longer than is reasonably necessary to remedy the conditions giving rise to the suspension.
- 14.2 Suspension of Work for Owner's Convenience. Upon seven (7) calendar days written notice to the Contractor, the Owner may at any time without breach of the Contract suspend all or any portion of the Work for a period of up to thirty days for its own convenience. The Owner will give the Contractor a written notice of suspension for convenience, which sets forth the number of suspension days for which the Work, or any portion of it, will be suspended and the date on which the suspension of Work will cease. When a suspension prevents the Contractor from completing the Work within the Contract Time, it is an Excusable Delay. A notice of suspension for convenience may be modified by the Owner at any time on seven (7) calendar days written notice to the Contractor. If the Owner suspends the Work for its convenience for more than sixty (60) consecutive calendar days, the Contractor may elect to terminate the Contract pursuant to the provisions of the Contract.
- 14.3 Termination by Owner for Cause.
- 14.3.1 Upon thirty (30) days written notice to Contractor and its surety, Owner may, without prejudice to any right or remedy, terminate the employment of the Contractor and take possession of the Site and of all materials, equipment, tools, construction equipment and machinery thereon owned by the Contractor, under any of the following circumstances:
- 14.3.1.1 Persistent or repeated failure or refusal, except during complete or partial suspensions of work authorized under the Contract, to supply enough properly skilled workmen or proper materials;
 - 14.3.1.2 Persistent disregard of laws, ordinances, rules, regulations or orders of any public authority having jurisdiction, including the ODR;
 - 14.3.1.3 Persistent failure to prosecute the Work in accordance with the Contract, and to ensure its completion within the time, or any approved extension thereof, specified in this Contract;
 - 14.3.1.4 Failure to remedy defective work condemned by the ODR;
 - 14.3.1.5 Failure to pay its Subcontractors, laborers, and material suppliers pursuant to Tex. Gov't Code Chapter 2251;
 - 14.3.1.6 Persistent endangerment to the safety of laborers or of the Work;

- 14.3.1.7 Failure to supply or maintain statutory bonds or to maintain required insurance, pursuant to the Contract;
 - 14.3.1.8 Any material breach of the Contract; or
 - 14.3.1.9 The Contractor's insolvency, bankruptcy, or demonstrated financial inability to perform the Work.
- 14.3.2 Failure by the Owner to exercise the right to terminate in any instance is not a waiver of the right to do so in any other instance.
- 14.3.3 Upon receipt of a termination notice, the Contractor or its Surety has thirty (30) days to cure the reasons for the termination or demonstrate to the satisfaction of the Owner that it is prepared to remedy to the condition(s) upon which the notice of termination was based with diligence and promptness. If the Owner is satisfied that the Contractor or its Surety can remedy the reasons for the termination and complete the Work as required, the notice of termination shall be rescinded in writing by the Owner and the Work shall continue without an extension of time.
- 14.3.4 If at the conclusion of the thirty (30) day cure period the Contractor or its Surety is unable to demonstrate to the satisfaction of the Owner its ability to remedy the reasons for termination, the Owner may immediately terminate the Contract, make alternative arrangements for completion of the Work and deduct the cost of completion from the unpaid Contract Sum.
- 14.3.4.1 Owners cost to complete the Work includes, but is not limited to, fees for additional services by A/E and other consultants, and additional contract administration costs.
 - 14.3.4.2 Owner will make no further payment to Contractor or its Surety unless the costs to complete the Work are less than the Contract balance, then the difference shall be paid to Contractor or its Surety. If such costs exceed the unpaid balance, Contractor or its Surety will pay the difference to Owner.
 - 14.3.4.3 This obligation for payment survives the termination of the Contract.
 - 14.3.4.4 Owner reserves the right in termination for cause to take assignment of all the Contracts between Contractor and its Subcontractors, vendors, and suppliers. ODR will promptly notify Contractor of the contracts Owner elects to assume. Upon receipt of such notice, Contractor shall promptly take all steps necessary to effect such assignment.
- 14.4 Conversion to Termination for Convenience. In the event that any termination of Contractor for cause under Section 14.3 is later determined to have been improper by a court of competent jurisdiction, the termination shall automatically convert to a

termination for convenience under Section 14.5 and Contractor's recovery for termination shall be strictly limited to the payments allowable under Section 14.5.

- 14.5 Termination for Convenience of Owner. The Owner reserves the right, without breach, to terminate the Contract prior to, or during the performance of the Work, for any reason. Upon such an occurrence, the following shall apply:

14.5.1 The Owner will immediately notify the Contractor and the A/E in writing, specifying the reason for and the effective date of Contract termination. Such notice may also contain instructions necessary for the protection, storage or decommissioning of incomplete work or systems, and for safety.

14.5.2 Upon receipt of the notice of termination, the Contractor shall immediately proceed with the following obligations, regardless of any delay in determining or adjusting any amounts due at that point in the Contract:

14.5.2.1 Stop all work.

14.5.2.2 Place no further subcontracts or orders for materials or service.

14.5.2.3 Terminate all subcontracts for convenience.

14.5.2.4 Cancel all materials and equipment orders as applicable.

14.5.2.5 Take action that is necessary to protect and preserve all property related to this Contract which is in the possession of the Contractor.

14.5.3 When the Contract is terminated for the Owner's convenience, Contractor may recover from the Owner payment for all Work executed. Contractor may not claim lost profits on other work or lost business opportunities.

- 14.6 Termination By Contractor. If the Work is stopped for a period of ninety (90) days under an order of any court or other public authority having jurisdiction, or as a result of an act of government, such as a declaration of a national emergency making materials unavailable, through no act or fault of the Contractor or its Subcontractor or their agents or employees or any other persons performing any of the Work under a contract with the Contractor, then the Contractor may, upon thirty (30) additional days' written notice to the ODR, terminate the Contract and recover from the Owner payment for all Work executed but not lost profits on other work or lost business opportunities. If the cause of the work stoppage is removed prior to the end of the thirty (30) day notice period, the Contractor may not terminate the Contract.

- 14.7 Settlement on Termination. When the Contract is terminated for any reason, at any time prior to 180 days after the effective date of termination, the Contractor shall submit a final termination settlement proposal to the Owner based upon recoverable costs as provided under the Contract. If the Contractor fails to submit the proposal within the time allowed, the Owner may determine the amount due to the

Contractor because of the termination and pay the determined amount to the Contractor.

Article 15. Dispute Resolution

- 15.1 Unresolved Contractor Disputes. The dispute resolution process provided for in Tex. Gov't Code, Chapter 2260, shall be used by Contractor to attempt to resolve any claim for breach of Contract made by the Contractor that is not resolved under procedures described throughout these Uniform General Conditions, Supplementary Conditions or Special Conditions of the Contract.
- 15.2 Alternative Dispute Resolution Process. The Owner may establish a dispute resolution process to be utilized in advance of that outlined in Tex. Gov't Code, Chapter 2260.
- 15.3 Nothing herein shall hinder, prevent, or be construed as a waiver of Owner's right to seek redress on any disputed matter in a court of competent jurisdiction.
- 15.4 Nothing herein shall waive or be construed as a waiver of the state's sovereign immunity.

Article 16. Certification of No Asbestos Containing Material or Work

- 16.1 Contractor shall insure that Texas Department of State Health Services licensed individuals, consultants or companies are used for any required asbestos work including asbestos inspection, asbestos abatement plans/specifications, asbestos abatement, asbestos project management and third-party asbestos monitoring.
- 16.2 Contractor shall provide a notarized certification to Owner that all equipment and materials used in fulfillment of its Contract responsibilities are non- Asbestos Containing Building Materials (ACBM). This certification must be provided no later than Contractor's Application for Final Payment.
- 16.3 The Contractor shall insure compliance with the following acts from all of its Subcontractors and assigns:
- Asbestos Hazard Emergency Response Act (AHERA—40 CFR 763- 99 (7));
 - National Emission Standards for Hazardous Air Pollutants (NESHAP—EPA 40 CFR 61, Subpart M—National Emission Standard for Asbestos;
 - Texas Asbestos Health Protection Rules (25 TAC §296).

Article 17. Miscellaneous

- 17.1 Special Conditions. When the Work contemplated by the Owner is of such a character that the foregoing Uniform General Conditions of the Contract cannot adequately cover necessary and additional contractual relationships, the Contract may include Special Conditions. Special Conditions shall relate to a particular project and be peculiar to that project but shall not weaken the character or intent of the Uniform General Conditions. In the event of a conflict between the Uniform General Conditions and the Special Conditions, the Special Conditions shall govern.

172 Federally Funded Projects. On Federally funded projects, the Owner may waive, suspend or modify any Article in these Uniform General Conditions which conflicts with any Federal statute, rule, regulation or procedure, where such waiver, suspension or modification is essential to receipt by the Owner of such Federal funds for the Project. In the case of any project wholly financed by Federal funds, any standards required by the enabling Federal statute, or any Federal rules, regulations or procedures adopted pursuant thereto, shall be controlling.

173 Web-based Project Management System(s). The Owner shall administer its design and construction management through Internet-based project management systems. The Contractor shall conduct communication through this media and perform all Project related functions utilizing these management systems. This includes correspondence, submittals, requests for information, vouchers or payment requests and processing, Change Orders and other administrative activities.

17.3.1 Accessibility and Administration.

17.3.1.1 The Owner will make the software accessible via the Internet to all Project team members.

17.3.1.2 The Owner shall administer the software.

17.3.2 Training. The Owner shall provide training to the Project team members.

174 Business Ethics Expectations

During the course of pursuing contracts with Owner and while performing Contract work in accordance with this agreement, Contractor agrees to maintain business ethics standards aimed at avoiding any impropriety or conflict of interest which could be construed to have an adverse impact on the Owner's best interests.

Contractor shall take reasonable actions to prevent any actions or conditions which could result in a conflict with Owner's best interests. These obligations shall apply to the activities of Contractor's employees, agents, its subcontractors, subcontractors' employees and other persons under their control.

Contractor's employees, agents, its subcontractors (and their representatives) shall not make or offer, or cause to be made or offered, any cash payments, commissions, employment, gifts valued at \$50 dollars or more, entertainment, free travel, loans, free work, substantially discounted work, or any other considerations to Owner's representatives, employees or their relatives.

Contractor's employees, agents and subconsultants (and their relatives) shall not receive or accept any cash payments, commissions, employment, gifts valued at \$50 dollars or more, entertainment, free travel, loans, free work, or substantially discounted work or any other considerations from representatives of Contractors, its Subcontractors, or material suppliers or any other individuals, organizations, or businesses receiving funds in connection with a Project.

Contractor agrees to notify Robby DeWitt, Associate Director for Finance and Administration for Texas A&M Forest Service within 48 hours of any instance where the Contractor becomes

aware of a failure to comply with the provisions of this article.

Upon request by Owner, Contractor agrees to provide a certified Management Representation Letter executed by a Contractor representative selected by Owner in a form agreeable to Owner stating that the representative is not aware of any situations violating the business ethics expectations outlined in this Agreement or any similar potential conflict of interest situations.

Contractor agrees to include provisions similar to this Article in all contracts with its subcontractors receiving more than \$25,000 in funds in connection with a Project.

175 Right to Audit.

17.5.1 Contractor understands that acceptance of funds under this Contract acts as acceptance of the authority of the State Auditor's Office, Owner, any successor agency and their representatives, including independent auditors, to conduct an audit or investigation in connection with those funds. Contractor further agrees to cooperate fully with any party conducting the audit or investigation, including providing all records requested.

17.5.2 Contractor shall maintain and retain supporting fiscal and any other documents relevant to showing that any payments under this Contract funds were expended in accordance with the terms of this Contract, the requirements of Owner, and with the laws and regulations of the State of Texas including, but not limited to, requirements of the Comptroller of the State of Texas and the State Auditor. Contractor shall maintain all such documents and other records relating to this Contract and Owner's property for a period of seven (7) years after the date of submission of a request for Final Payment or until a resolution of all billing questions, whichever is later. Contractor shall make available at reasonable times and upon reasonable notice and for reasonable periods all documents and other information related to the Work of this Contract.

17.5.3 Contractor shall ensure that this clause concerning the authority to audit funds received indirectly by its Subcontractors through the Contractor and the requirement to cooperate is included in any subcontract it awards.

17.7 179 D Benefit Allocation. Owner may decide to seek the allocation of certain tax benefits pursuant to Section 179D of the Internal Revenue Code of 1986, as amended, (the "Code") through its Agreement with Contractor

If the Owner and the Internal Revenue Service (IRS) determine that the Contractor is eligible to receive the 179D deduction allocation as a "Designer" for the purposes of Section 179D of the Code or that Contractor could otherwise profit financially from the monetization of the benefit (separately and collectively, the "Rebate"), Contractor hereby agrees to allocate to the Owner a portion of the Rebate in an amount to be determined and contracted for on mutually agreeable terms when the value of the Rebate becomes ascertainable, net of associated costs realized by the Owner and Project Architect. At its sole discretion, the Owner shall determine whether to receive its portion of the Rebate in cash, discounted Contractor fees or both.

Owner reserves the right to retain a third-party consultant (the "Consultant") to manage and administer the process of obtaining and monetizing the Rebate derived from the Project(s).

Contractor agrees to cooperate in all reasonable respects with the Consultant's efforts to obtain

and monetize any such Rebates derived from the Project(s) on behalf of the Owner. Certification of eligibility and negotiation of the Rebates should be facilitated by the Owner's 179D Consultant.

- 17.8 Force Majeure. Neither party will be in breach of its obligations under this Agreement or incur any liability to the other party for any losses or damages of any nature whatsoever incurred or suffered by that other party if and to the extent that it is prevented from carrying out those obligations by, or such losses or damages are caused by, a Force Majeure event (as defined below), except to the extent that the relevant breach of its obligations would have occurred, or the relevant losses or damages would have arisen, even if the Force Majeure event had not occurred. "Force Majeure event" is defined as: 1) acts of God; 2) war; 3) act(s) of terrorism; 4) fires; 5) explosions; 6) natural disasters, to include without limitation, hurricanes, floods, and tornadoes; 7) failure of transportation; 8) strike(s); 9) loss or shortage of transportation facilities; 10) lockout, or commandeering of materials, products, plants or facilities by the government or other order (both federal and state); 11) interruptions by government or court orders (both federal and state); 12) present and future orders of any regulatory body having proper jurisdiction; 13) civil disturbances, to include without limitation, riots, rebellions, and insurrections; 14) epidemic(s), pandemic(s), or other national, state, or regional emergency(ies); and 15) any other cause not enumerated in this provision, but which is beyond the reasonable control of the party whose performance is affected and which by the exercise of all reasonable due diligence, such party is unable to overcome. Such excuse from performance will be effective only to the extent and duration of the Force Majeure event(s) causing the failure or delay in performance and provided that the affected party has not caused such Force Majeure event(s) to occur and continues to use diligent, good faith efforts to avoid the effects of such Force Majeure event(s) and to perform its obligation(s). Written notice of a party's failure or delay in performance due to Force Majeure must be given within a reasonable time after its occurrence and must describe the Force Majeure event(s) and the actions taken to minimize the impact of such Force Majeure event(s). For the avoidance of doubt, the COVID-19 pandemic and any governmental changes or closures related thereto shall be deemed Force Majeure events, even to the extent reasonably foreseeable by either party as of the effective date of this Agreement.
- 17.9 Confidentiality and Safeguarding of Owner Records; Press Releases; Public Information. Under the Contract, Contractor may (1) create, (2) receive from or on behalf of Owner, or (3) have access to, Owner records or record systems (collectively, "Owner Records"). Contractor represents, warrants, and agrees that it will: (1) hold all Owner Records in strict confidence and will not use or disclose Owner Records except as (a) permitted or required by the Contract, (b) required by applicable laws, or (c) otherwise authorized by Owner in writing; (2) safeguard Owner Records according to reasonable administrative, physical and technical standards that are no less rigorous than the standards by which Contractor protects its own confidential information; and (3) comply with the Owner's rules, policies, and procedures regarding access to and use of Owner's computer systems. At the request of Owner, Contractor agrees to provide a written summary of the procedures Contractor uses to safeguard and maintain the confidentiality of Owner Records.
- 17.9.1 Notice of Impermissible Use. If an impermissible use or disclosure of any Owner Records occurs, Contractor will provide written notice to University within one (1) business day after Contractor's discovery of that use or disclosure. Contractor will promptly provide Owner with all information requested by University regarding the impermissible use or disclosure.

17.9.2 Return of University Records. Contractor agrees that within thirty (30) days after the expiration or termination of the Contract, for any reason, all Owner Records created or received from or on behalf of University will be (1) returned to Owner, with no copies retained by Contractor; or (2) if return is not feasible, destroyed following twenty (20) days written notice to the Owner. Contractor will confirm in writing the destruction of any Owner Records.

17.9.3 Disclosure. If Contractor discloses any Owner Records to its Subcontractor or agent, Contractor will require the Subcontractor or agent to comply with the same restrictions and obligations as are imposed on Contractor by this Section.

17.9.4 Press Releases. Except as required by the Contract, Contractor will not make any press releases, public statements, or advertisement referring to the Project or the engagement of Contractor as an independent contractor of Owner in connection with the Project or release any information relative to the Project for publication, advertisement or any other purpose without the prior written approval of Owner.

17.10 Public Information

Contractor acknowledges that Owner is obligated to strictly comply with the Public Information Act, Chapter 552, *Texas Government Code*, in responding to any request for public information pertaining to this Agreement, as well as any other disclosure of information required by applicable Texas law.

In accordance with Section 552.372 of the Texas Government Code, Contractor agrees to (1) preserve all contracting information related to this project as provided by the records retention requirements applicable to the Owner for the duration of the contract, (2) promptly provide to the Owner any contracting information related to the contract that is in the custody or possession of the Contractor on request of the Owner, and (3) on termination or expiration of the contract, either provide at no cost to the Owner all contracting information related to the contract that is in the custody or possession of the Contractor or preserve the contracting information related to the contract as provided by the records retention requirements applicable to the Owner. Except as provided by Section 552.374(c) of the Texas Government Code, the requirements of Subchapter J, Chapter 552, Government Code, may apply to this contract and the Contractor agrees that the contract can be terminated if the Contractor knowingly or intentionally fails to comply with a requirement of that subchapter.

Contractor acknowledges that Owner may be required to post a copy of the fully executed Agreement on its Internet website in compliance with Section 2261.253(a)(1), *Texas Government Code*.

END OF UNIFORM GENERAL CONDITIONS

RAINFALL TABLE

HUDSON, TEXAS

The following is the applicable rainfall table referenced in the General Conditions, Article 9, Paragraph 9.6.2.1 for this project:

January	5 days
February	5 days
March	5 days
April	5 days
May	5 days
June	4 days
July	4 days
August	4 days
September	6 days
October	4 days
November	4 days
December	5 days

DIVISION 1 - GENERAL REQUIREMENTS

WORK AREA AND ACCESS

All work, materials storage, staging, and parking shall be confined within the area(s) designated by the Owner's Representative.

Access to the buildings/site shall be coordinated directly with the Owner's Representative. No construction traffic will be allowed over service/field roads or other non-designated areas.

RULES AND REGULATIONS

Work shall be performed in accordance with rules and regulations of the state of Texas, the latest edition of the International Building Code, National Electrical Code, International Plumbing Code, National Fire Protection Association Fuel Gas Code (NFPA54), Minimum Safety Standards for Natural Gas, Texas Accessibility Standard/ADA, Texas Dept. of State Health Services and others as may be applicable.

Give precedence to drawings and specifications when they require higher standards than those required by rules, regulations, and/or codes. Otherwise rules, regulations, and codes govern.

This project is not subject to local/municipal codes and/or permitting as it is being constructed on property belonging to the state of Texas.

USE OF FACILITIES

The Contractor shall insure that Owner's personnel and equipment will not be endangered during construction and will be allowed continued normal operation within the buildings and grounds.

TOOLS, EQUIPMENT, AND VEHICLES

The contractor shall furnish all tools (hand, power, pneumatic, etc.), equipment, and vehicles for the construction of this project. All facilities, tractors, welders, forklifts, etc. of Texas A&M University are off-limits.

SANITARY FACILITIES

The Contractor shall be responsible for providing adequate portable facilities.

CONSTRUCTION UTILITIES

Electrical Service: Electrical power will be available from Warehouse adjacent to construction site. The Contractor shall be responsible to verify that adequate power is available for work operations. Tie-in and use shall be coordinated with Owner's Representative. The Contractor must furnish necessary labor, extension cords, temporary panels, lighting, equipment, etc. for his/her own use.

Water Service: The Owner will furnish limited water for construction purposes free of charge. Point of connection and use shall be coordinated with Owner's Representative. The Contractor must furnish all pipes, hoses, fittings, devices and accessories required for his/her operations.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT

Under the provision of the Clean Water Act, it is unlawful to discharge storm water from small construction sites (1 to 5 acres in size) to the waters of the United States unless authorized by a National Pollutant Discharge Elimination System (NPDES) permit. On December 8, 1999, the Environmental Protection Agency (EPA) published the final NPDES rules in the Federal Register Vol. 64, No. 232, Phase II requiring small construction sites to comply with stormwater discharge rules and regulations. The Contractor shall provide all documents and required information to the proper authorities prior to any construction activity.

Stormwater Control: Provide earthen embankments and similar barriers in and around excavations and subgrade construction, sufficient to prevent flooding by runoff stormwater discharge rules and regulations. The Contractor shall provide and maintain silt fences located as necessary to prevent erosion and discharge from the site.

DELIVERIES

The Contractor shall have personnel at the site necessary to accept delivery and accomplish unloading/handling of materials and equipment. The Owner will not be responsible for accepting and/or unloading of materials and equipment associated with this project.

STORAGE AND PROTECTION

The Contractor shall properly store materials and equipment at the jobsite within an area designated by the Owner's Representative. Protect same from the elements when in open storage. The Contractor shall be responsible for keeping the assigned area free from fire hazards relating from improper storage procedures.

The Owner accepts no responsibility for the security of the stored materials.

Properly protect equipment, insulation, and other materials during construction. Handle equipment, materials, and devices carefully to prevent damage.

Material or equipment improperly handled or damaged from rough usage or improper storage shall be removed and replaced with new units when so directed by the Engineer.

CLARIFICATION

In case of doubt, do not proceed with work without first obtaining from the Engineer additional information or detail drawings as may be necessary for proper execution of work. Report discrepancies found in drawings and specifications without delay.

SUBSTITUTION OF MATERIALS

Where any article or thing is specified by proprietary name, trade name, name of manufacturer or catalog number with or without the addition of such expressions as "or equal" or "approved equal," it is to be understood that the article named or the equal thereof is intended, subject to the approval of the Engineer as to the equality thereof, and it is distinctly understood (1) that the Engineer shall use his judgement in determining whether or not any article or thing proposed to be substituted is the equal of any article or thing as specified; (2) that the decision of the Engineer on such questions of equality shall be final; and (3) that in the event of any adverse decision by the Engineer, no claim of any sort shall be made or allowed against the Owner.

CUTTING AND PATCHING

Required cutting and patching shall be done by the Contractor and/or responsible Subcontractor as necessary to accomplish the work described. Insure that all related penetrations, both old and new, are accomplished in a workmanlike manner and sealed when necessary for weather tight conditions upon completion of work.

DAMAGES

Care shall be exercised to prevent damages to existing facilities, trees, lawns, site improvements, site utilities, equipment, etc. Any such damages occurring shall be promptly corrected as directed by the Engineer. No claims for corrected work due to damages resulting from the Contractor or his Subcontractor shall be considered for payment.

WASTE DISPOSAL AND CLEANING

All materials removed/replaced shall become property of the Contractor unless otherwise agreed with the Owner's Representative.

Debris shall be contained in a container, truck, or restricted refuse area as coordinated with the Engineer and Owner's Representative.

The Contractor shall be responsible for keeping the jobsite picked up, clean and uncluttered during the course of construction. This includes timely removal and proper legal disposal off-site of all waste and debris associated with his/her job.

The Contractor shall provide safe and reliable transportation of debris, so that no material is allowed to fall onto public property or any other property other than the destination to which the removed materials are being transported.

Prior to final inspection and acceptance, perform final cleaning and removal of all waste, debris, and/or surplus materials resulting from this work.

SUBMITTALS

Submittals for approval will be required for all equipment, shop drawings and any proposed substitutions of materials. **Two copies required for Engineer's use.**

Materials submittals shall include copies of manufacturer's catalog descriptions, performance characteristics, data sheets and/or other information relative to a complete description of the items.

RECORD DRAWINGS

The Contractor shall maintain on site a copy of drawings to record information concurrently with construction progress. This record set shall be stored in the Contractor's field office apart from the construction set. Record drawings shall be available for the Owner and shall contain the following information:

1. Location of utilities and appurtenances concealed in construction
2. Location of internal utilities and appurtenances concealed in construction.
3. Indicate all field changes approved by the Engineer and all approved change orders.

INSPECTIONS

The Engineer shall be given at least 72 hours' notice prior to each inspection milestone noted below:

Pre-final Inspection - When all work is complete, a general inspection will be conducted. A written punch-list of all deficiencies found to date will then be issued to the Contractor for correction.

The Engineer shall be given at least 7 days' notice prior to:

Final Inspection - Upon verification by the Owner's Representative that all known deficiencies have been corrected, a final inspection will be conducted within 10 days.

GUARANTEE

The Contractor shall guarantee that the work performed under this contract is free from faulty materials and workmanship and will remain so for a period of one year from the date of substantial completion or acceptance by the Owner. Final payment on the contract by the Owner shall not relieve the Contractor of this responsibility.

Upon completion and prior to final payment, the Contractor shall furnish two complete copies of the following, all in clear vinyl jackets and assembled within 3-ring binder type covers:

Written certification, signed by the Contractor, attesting to the fact that the completed facility complies with the requirements of the drawings and specifications and is warranted for a period of one year as outlined above.

Until receipt of these guarantees, final inspection will not be conducted nor final payment released.

Specific requirements for additional warranties and guarantees to include parts, labor, and other costs are noted in various sections of the technical specifications. Extended warranties / guarantees are required for, but not limited to the following:

Poles & Fixtures Three years

Copies of manufacturers' warranties for all fixtures and equipment.

Manufacturers' operation manuals, instructions and information for all equipment.

Contractor and Subcontractor contact information for service.

DIVISION 2 - 210 - EXCAVATION, FILLING AND GRADING

WORK INCLUDED

Provide all labor, materials and equipment to prepare for concrete surface parking to the lines and grades shown on the drawing. It will be the responsibility of the Contractor to verify and perform all excavation, filling, grading and incidental work necessary for construction of the concrete surface parking lot and road in, in accordance with the drawings and specifications.

EXAMINATION OF SITE

No information shown on the drawings shall relieve the Contractor of the responsibility of visiting the site and making such investigations as may be required.

CLEARING AND EXCAVATION

Thoroughly remove all grass, roots, and organic matter in areas where concrete / compacted fill / limestone base is to be placed.

Excavation shall be of sufficient width to permit construction and removal of forms.

Excavation shall be continued to firm, undisturbed earth, or rock having sufficient bearing pressure for structure and in no case be terminated to a lesser depth than that indicated on the drawings.

Bottom of beams, footings and piers shall be level and cleaned of all loose dirt, clay or rock prior to setting of reinforcing steel and placing of concrete.

In the event that excavation for beams, footings and piers is carried to a greater depth than that scheduled, the additional depth shall be filled with concrete. No concrete at these areas shall be placed on fill material.

Grading and fill under slab shall be as noted on the drawings and specifications.

FINISH GRADING

Upon completion of construction, do such grading as is required to bring finish elevation to that indicated on drawings. Slope all sides to tie into existing grade using a 1:12 max. slope.

DISPOSITION OF EXCESS MATERIAL

All excess material, including trash, roots, debris, etc., shall be hauled from the site and disposed of by the Contractor.

The Contractor shall provide safe and reliable transportation of debris, so that no material is allowed to fall onto public property or any other property other than the destination to which the removed materials are being transported.

MATERIALS

Compacted Select Earth fill to 2' deep and to 5' outside of parking lot and shall be clean, sandy earth, free from roots, rubbish or other foreign matter. **Submit sample for approval.**

Limestone base shall be flexible base material, Type A (crushed limestone), as defined by the Texas Department of Transportation, 2004 Standard Specifications. **Submit sample for approval.**

COMPACTION

The Owner will be responsible for all testing, but the Contractor shall be required to coordinate sequence of operations to allow for testing in a timely manner.

Compaction shall be accomplished by mechanical means suitable for the type of material being compacted. Fill shall be placed in horizontal layers not exceeding 8 inches in loose depth and then thoroughly compacted.

Subgrade under and to 8' outside building pad, under concrete slabs, and drives shall be wetted/dried to a uniform moisture content between minus one and three percent (3%) above optimum moisture content and then compacted.

Each layer shall be compacted to not less than 95% density (Standard Proctor) as determined by ASTM D698.

After compaction, each layer shall be proof rolled with a heavy, loaded pneumatic-tired vehicle to identify any loose or soft soils in all areas to receive fill and base materials.

Any loose or soft soils in the base of the excavation identified in the proof-rolling and hand probing processes shall be remediated.

All holes, ruts, and depressions shall be filled with material and, if required, the subgrade shall be thoroughly wetted with water, reshaped, compacted and rolled to the extent to place the subgrade in an acceptable condition to receive the fill / base material.

Bottom of beams, footings and piers shall be level and shall be cleaned of all loose dirt, clay or rock prior to setting of reinforcing steel and placing of concrete.

In the event that excavation for beams, footings and piers is carried to a greater depth than that scheduled, the additional depth shall be filled with concrete.

It shall be the responsibility of the Contractor to ensure that all unstable or otherwise objectionable material shall be removed from the subgrade and replaced with acceptable material.

Leveling bed under slabs shall be approximately 2" thick after grading. Wet down leveling bed under slabs until thoroughly damp and recheck grades before placing vapor barrier and/or reinforcing.

Proof-roll must be administered using a fully loaded dump truck and meet the approval of the Engineer before proceeding. 48hrs notice shall be given to the Engineer before proof-roll test is administered.

FINISH GRADING

Upon completion of construction, do such grading as required to **bring finish elevation to 2" below finished edge of concrete parking and road and slope away max. 4:1, to meet natural grade.** Typical unless noted otherwise.

Regrade existing ditch along southern boundary as necessary to achieve optimal drainage of the area.

As a minimum, grade as necessary to provide for drainage in order to prevent ponding water during periods of runoff.

CELLULOSE FIBER MULCH SEEDING

Provide a bed of Bermuda turf covering. Hydro-mulch any remaining disturbed areas.

The seed mixture shall be Green Sprangletop and Bermudagrass (**exclude Bahia grass**) planted at the pound per acre rate as recommended in section 164 of the 2004 TxDot specifications and in compliance with the planting dates thereof.

Prepare areas to be seeded by tilling or disking as necessary to loosen the soil surface.

Distribute the seed mixture uniformly over the areas shown on the plans or specified using hand or mechanical distribution or hydro-seeding on top of the soil. When seed and water are to be distributed as a slurry during hydro-seeding, apply the mixture to the area to be seeded within 30 min. of placement of components in the equipment. Roll the planted area with a light roller or other suitable equipment. Roll sloped areas along the contour of the slopes.

Immediately after planting the seed mixture, apply cellulose fiber mulch uniformly over the seeded area at the following rates:

- Sandy soils with slopes of 3:1 or less – 2,500 lb. per acre.
- Sandy soils with slopes greater than 3:1 – 3,000 lb. per acre.

Cellulose fiber mulch rates are based on dry weight of mulch per acre. Mix cellulose fiber mulch and water to make a slurry and apply uniformly over the seeded area using suitable equipment.

Use only cellulose fiber mulch that is on the approved list published in “Field Performance of Erosion Control Products,” available from the TxDOT Maintenance Division. Keep mulch dry until applied. Do not use molded or rotted material.

At the Contractor’s option, the seeding and mulching operation may be performed simultaneously by mixing the seed and mulch material in the same slurry. The same rates of application of seed and mulch must apply.

DIVISION 3 - 300 - POURED-IN-PLACE CONCRETE

WORK INCLUDED

Furnish and install all poured-in-place concrete work for the parking and road in to just past the farthest Warehouse access drive to east, as outlined in these specifications and on plans.

GENERAL

Supervision: Perform reinforced concrete work under direct supervision of Contractor's Superintendent. The Superintendent shall control under direction of the Engineer.

Place inserts, anchors, anchor bolts and similar devices required as indicated on approved shop drawings. Do not place concrete until shop drawings and devices are received, devices set accordingly and setting approved by the Engineer.

CODES AND REQUIREMENTS

Reinforced Concrete Work: Conform to current issues of ACI-318, CRSI-59, CRSI-63 and Referenced ASTM Specifications and Standards, latest revision.

In the event of discrepancies between the various codes and standards and these specifications, the most stringent shall govern.

NOTIFICATION

Notify the Engineer of the time schedule for any pouring operation at least 72 hours before the start of placing concrete so that he may inspect the proper placement of forms, reinforcing, embedded items, rough-ins and related conditions. Furnish adequate light and access to all parts of the work for inspection.

Notify Engineer when forms, fill, and reinforcing are sufficiently set to allow inspection. Do not place any concrete prior to receiving approval by the Engineer.

MATERIALS

Reinforcing Steel: Intermediate grade new billet steel conforming to ASTM-615, No. 4 bars and larger, yield strength of 60,000 psi, No. 3 bars and smaller, yield strength of 40,000 psi, free from flaws or mill defects, cleaned of all loose rust, scale, grease, paint or other foreign matter.

Space #3 bars @ 12" on center each way.

Kinks or bends not shown on approved shop drawings will be cause for rejections. Do not bend or straighten bars in a manner that will weaken or otherwise injure the material.

Furnish certified copy of mill tests on reinforcing steel, if requested.

Spacers, Chairs, Bolsters, Supports, etc.: Fabricated of standard bright basic wire or plastic, as approved.

All items placed on fill for slabs shall be supported with sand plates similar in construction.

Tie Wire: 16-gauge annealed wire.

Form Board: DFPA plywood form board or SYP #2 lumber.

Form Oil: A light clear oil which will not discolor or otherwise injuriously affect the concrete surface, delay or impair curing operations.

Cement: Portland Cement, Type 1, conforming to ASTM C-150, latest revision.

Fine Aggregate: Clean, sharp, washed natural sand, free from organic matter, conforming to ASTM C-33, latest revision.

Course Aggregate: Washed gravel graded from 1 1/2" to No. 2 sieve, ASTM C-33.

Water: Potable

Air-entraining Admixture: Use at rate recommended by manufacturer to achieve an air content of 3- 4% in concrete at point of placement.

Curing/Sealing Compound: Chemicals used on exposed concrete shall be clear, non-discoloring and shall not darken or yellow with age. Insure compatibility with any adhesives, sealants and sealing compounds to be used. Shep Seal 1315 UV as manufactured by Sheplers or approved equal. **Submit for approval.**

Pour Grade Sealant: One or two-part urethane, self-leveling. Sonneborn type SL- or equal.

Bonding Agent: High solids copolymer emulsion, Shep-Weld Plus by Sheplers or approved equal.

FORMING/REINFORCING

Forms: Of good quality lumber free from loose and unsound knots, knot holes, twists, decay and other defects which would affect its strength or impair the finished surface of the concrete conforming to the shape, lines and dimensions of the members as called for on the plans. Substantially and sufficiently tight to prevent leakage of mortar and properly braced and/or tied together, so as to maintain position and shape. Provide temporary openings for inspection and cleaning. **Forms shall be set so that exterior face of concrete is formed to minimum 5" below adjacent natural grade.**

Wetting and Oiling Forms: Coat facing of forms with an approved oil, applied before reinforcing is set. Wet all surfaces of forms that will be in contact with concrete with water immediately before concrete is placed. In hot weather, treat both sides of forms to prevent warping and to secure tight joints.

Expansion Joints: In locations indicated, install specified wooden expansion joint filler in sizes required and extend dowels through forms minimum 12" for placement in slab. Maintain top edge of filler 1/2" below concrete surface for sealant joint by means of removable plastic strips.

Placement of Reinforcing Steel: Accurately form and place reinforcement in accordance with ACI 318, latest revision. Adequately support in position on metal chairs and spacers of proper dimension. Use ties or other positioning accessories to prevent movement in accordance with the ACI Building Code 318, latest revision.

Unless otherwise noted, bend all bars cold. Do not straighten or rebend bars without approval of the Engineer.

Keep splices to a minimum. Lap bars 30 bar diameters minimum, except as may be noted otherwise on the Drawings.

Tie reinforcing together at all intersections. Tie bars to stirrups at every intersection. Provide not less than two ties at all splices. Tie all steel sufficiently to provide proper spacing and to prevent dislocations during placement of concrete.

Clean steel of scale, mud, heavy rust and any other coatings that will reduce bond. Reclean steel left projecting from concrete for subsequent bonding to remove cement or other contamination.

Support steel for slabs on fill with specified chairs and bolsters of proper height and size to support steel. Hang/support reinforcing of beams on grade at intervals to prevent deflection and provide ample cover, above and below.

Setting Miscellaneous Items: Set required bolts, weld plates, angle nosings, anchors, dowels, sleeves, miscellaneous items, etc., occurring in connection with concrete work. Place to grade and secure in position before concrete mixture is placed. Anchor bolts shall be bolted in place through wooden templates, and secured to forms to maintain placement.

Protective Concrete Covering of Reinforcing Steel: As shown on the drawings. If not indicated on the drawings or if exceeded by requirements of ACI Building Code 318, conform to code.

Install vapor barrier under all concrete under roof.

Lap joints of vapor barrier and lace sheets together with nails.

CONCRETE QUALITY, CONTROL AND TEST REQUIREMENTS

Testing Laboratory: The Owner will employ a testing laboratory to perform quality control testing. Testing Laboratory shall submit copies of test results to both the Engineer and the Contractor. The Contractor shall contact the testing laboratory directly to schedule testing.

Mix Design: Minimum ultimate **compressive strength at 28 days = 3,500 pounds per square inch.** Submit for approval.

Test Cylinders: Owner's testing laboratory shall take a minimum of one set of (three) test cylinders for each 50 cubic yards or fraction thereof during the time concrete is being poured. Each set shall have one cylinder broken at 7 days and two at 28 days for compressive strength. Curing and tests shall be according to ASTM C-39, under the supervision of the testing laboratory with a copy of tests furnished to both the Engineer and Contractor.

Slump: Slump tests shall be made by the Owner's testing laboratory in accordance with ASTM C-143 at intervals similar to test cylinders and as requested by the Engineer. Allowable slump shall be 3-1/2" minimum to 4-1/2" maximum.

Thickness: Pour reinforced concrete to grade at min. 5 1/2" thick.

Contractor: Deliver to the Engineer, at the time of concrete delivery, one of the delivery invoices stating cement content per yard and volume of concrete.

CONCRETE MIXING, HANDLING AND PLACING

Ready-Mixed: Mixed at central plant and/or in mixing trucks. Mixed and delivered in accordance with ASTM Specifications for ready-mixed concrete (ASTM C-94). Deliver concrete within specified parameters, and immediately place in final position.

Proportion: Proportion such that concrete will flow readily into corners, angles of forms and around reinforcement without excessive spading, puddling, segregation or collection of free water, will not produce harshness in working or honeycombing and will produce a smooth and sound surface throughout when forms are removed.

Handling: Convey concrete to place of disposition without separation of ingredients. Should separation inadvertently occur, re-mix concrete before placing. If concrete starts to set before placing, remove from site. Re-tempering will not be permitted.

Form Preparation: Remove debris and waste from forms. Wet wood forms thoroughly, immediately prior to placing concrete.

Deposition Against Set Concrete: Roughen contact surfaces of set concrete, remove loose material and scrub surface with latex bonding agent immediately prior to depositing fresh concrete.

Vibration: Compact concrete with stinger type internal vibrator to remove air pockets and work concrete around reinforcement and embedded items and in all beams. Use vibrator with care to prevent separation of ingredients, displacement of forms, inserts, reinforcement and cast-in items. Vibrator shall not be used to move concrete.

Placement of Concrete: Place as nearly as practicable in final position. In general, place in horizontal layers of uniform thickness. Compact each layer uniformly before the next layer is placed. Do not allow concrete to drop freely more than 4 feet.

Stopping Work: When conditions are such that work must be stopped before completion of mass, leave concrete with clean, rough surface without cavities or loose stones.

Construction Joints: Allowable only as shown at expansion joints or on approval of the Engineer. Locate in planes of minimum shear as directed or indicated on the drawings.

Control Joints: Saw cut ½" deep as necessary to score the surface for crack control. Locate approximately **15' on center each way** and/or as indicated on the drawings or otherwise approved.

Cold Joints: Deposit concrete so as to secure as nearly as possible a monolithic structure without joints except as detailed. Pour slabs and the beams which support them in one continuous operation.

Bulkheads: Construct solid and plumb with suitable keys for stopping concrete. Locate at right angles to planes of stress and at locations of minimum shear.

Slabs on Fill: Before placing concrete directly on fill, all water, sewer, drainage lines and other subsurface piping shall be completed at elevation required., inspected and back filled. Sand fill shall be carefully compacted.

Inspection: Concrete shall not be placed until forms, reinforcing, piping and anchors intended to be placed within the concrete mass have been inspected and approved by the Engineer. Notify the Engineer at least 72

hours prior to anticipated date/time of pour. Do not place any concrete prior to receiving approval from the Engineer.

CONCRETE FINISH WORK

Monolithic Slabs: Screed concrete off to elevations, slopes and levels shown. Smooth with a "bull float." Sprinkling of raw cement on surface **will not be permitted**. When concrete is reasonably firm, finish as hereinafter specified.

Uniformity of Slab Surfaces. Any non-uniformity of slab surface will be cause for rejection. In this event, chip the surface 3/4 inch deep and apply a satisfactory finish topping at no expense to the Owner. Slab surface shall be level within 1/8 inch when measured along a 10-foot straight edge.

Labor: Insure that for conditions at the time, adequate experienced labor is on hand to place and finish concrete as specified.

Finish for interior surfaces shall be hard trowel finish. Exterior surfaces shall be rough broom across direction of travel.

Curing/Sealing: After concrete has hardened sufficiently, immediately apply the specified curing/sealing compound with a hand sprayer to cover at rate recommended by the chemical manufacturer. Other means of curing may be used only with approval of the Engineer.

Control Joints: Saw scored control joints shall be installed at approximately 30' spacings and to approximately 3/4" depth as indicated on the drawings or as otherwise approved by the Engineer.

COLD WEATHER REQUIREMENTS

Obtain approval of the Engineer before placing concrete during freezing or near-freezing weather.

Provide adequate equipment for protecting concrete. Use no frozen materials such as materials containing ice. All materials and reinforcement, forms, fillers and ground with which concrete is to come in contact shall be free of frost.

Placement of concrete will not be permitted when temperature is below 45 degrees F and falling or when freezing conditions may be expected with 24 hours.

REMOVAL OF FORMS

Leave forms in place a **minimum of 24 hours** after placing concrete.

Remove forms carefully, in a manner that will prevent damage to surfaces and breaking of corners on concrete work.

After concrete has hardened sufficiently, remove void strips at expansion joints and seal as specified and detailed.

PATCHING

Fill and finish all honeycombed surfaces with mortar composed of one-part cement, two parts sand, water and a small amount of latex bonding agent.

Remove unsound material from areas requiring patching, moisten and coat with bonding agent then pack solid with mortar. Trowel flush with finished surfaces and wet cure for three days.

Honeycombed or blemished surfaces exposed to view shall be patched in defective areas and rubbed over the entire surface of the member with carborundum stone as necessary to provide uniform appearance.

DIVISION 10 – 1014 – SIGNAGE & PAINT MARKINGS

WORK INCLUDED

Install signage and paint striping where detailed.

SIGNAGE & MARKINGS

Signs shall be colored laminated plastic plates, 8" and 6" high x 6" min. width x 1/8" thick with approximately 1" high room numbers and letters as required on matt finish background of color selected to match walls.

Striping & ADA Handicap Access Markings

Paint Striping shall be white traffic rated paint.

Paint ADA markings on parking surfaces. White on contrasting blue background, in accordance with typical ADA/TAS requirements.

INSTALLATION

Secure signage with suitable fasteners.

Bolt signs to steel posts, at about eye level, with posts set plumb in concrete fill.

Confirm locations with Engineer.

Signs shall be installed in accordance with the Texas Accessibility Standard (TAS) and standard practice.

Install van accessible handicap sign, per ADA, on same post, but below one new handicap parking space nearest entry. Re. plans and coordinate exact location with Engineer.

Handicap parking sign with "Van Accessible" placard as manufactured by Best Manufacturing Sign Systems, Montrose, CO. or approved equal. Sign to be .080 aluminum min. 12"x18" (2) #SS56 and (2) #SS57 with factory furnished U-channel post for mounting.

Handicap parking signage shall be installed on posts located in front of all handicap parking spaces.

Handicap curb ramps shall be grooved, with a light reflective value/color (reddish/Spanish tile) color) that significantly contrasts with that of adjoining pedestrian routes.

DIVISION 16 - 1600 – ELECTRICAL and AREA LIGHTING

WORK INCLUDED

Furnish and install complete lighting systems for the parking lot including cast-in-place concrete bases on drilled piers, with poles, lights, disconnects, breakers, electrical conduit, conductors/wire, boxes, fixtures, lamps, etc. in accordance with the drawings and specifications.

Parking lot fixtures shall be controlled by time clock with photo cell over ride.

GENERAL REQUIREMENTS

All electrical work shall be installed with proper regard for and in harmony with other construction. Required cutting and patching shall be done by the Subcontractor as described hereinafter. Adjacent general construction shall not be weakened or damaged and should any question arise as to the placement of conduit, fixtures or other materials or equipment, the Engineer shall be referred to for instructions. The Subcontractor will be responsible for any/all damage caused by his work or through the neglect of his workmen.

Furnish all other trades with information relative to roughing, spacing and space requirements. Plan all work in advance to determine whether interferences occur and whether existing services are complementary.

Furnish and install any items required for a complete installation but not specifically shown on the plans at no additional expense to the Owner.

The installing Contractor shall be currently licensed by the State of Texas for similar work.

GUARANTEE

The Contractor shall guarantee that the work performed under this contract is free from faulty materials and workmanship and will remain so for a period of one year minimum from the date of acceptance by the Owner. Final payment on the contract by the Owner shall not relieve the Contractor of this responsibility.

SUBSTITUTION OF MATERIAL

Re: Division 1.

STORAGE AND PROTECTION

Re: Division 1.

RULES AND REGULATIONS

Work shall be performed in accordance with requirements of the National Electrical Code (latest edition), published by the National Board of Fire Underwriters, as well as the rules and regulations of the State of Texas for electrical work and the rules and regulations of the local power supplier.

Give precedence to drawings and specifications when they require higher standards than those required by rules and regulations.

Rules and regulations govern in case of direct conflict between regulations, drawings and/or specifications.

PERMITS, FEES AND INSPECTIONS

The Contractor shall obtain any required permits, pay any fees and arrange for inspections, if required by the local power supplier.

As stated in General Requirements, this project is subject to rules of the power provider, **but is not subject to local/municipal codes and/or permitting**, as it is being constructed on property belonging to the state of Texas.

Engineer shall be responsible for inspections.

SUPERVISION

Maintain on the job site at all times work is in progress, a competent supervisor of electrical work.

PLANS AND SPECIFICATIONS

Layout: The general arrangement of the circuits and outlets, the location of main switches, panel boards, conduit, fixtures and other work shall be as indicated on the drawings.

Deviations: If deviations from the arrangements are necessary to meet conditions, make changes without additional expense to the Owner.

GROUNDING/BONDING

Securely ground all devices in strict accordance with requirements of the National Electrical Code.

Grounding conductors with a green colored insulated jacket shall be provided and installed in **all raceways**.

Grounding materials, devices and workmanship shall be as approved by the Engineer.

CONDUIT

Rigid nonmetallic conduit (PVC) shall conform to National Electrical Code requirements for nonmetallic conduit in dimension and wall thickness, as manufactured by Carlon, R&G Sloane, JM Eagle or approved equal.

Electrical nonmetallic tubing (ENT) shall not be used in this job (no exceptions).

Locate, connect and extend conduit found stubbed out from the new building (by others, as part of separate work). Coordinate with that project to verify exact location(s).

All conduit shall be run in a neat and workmanlike manner with particular care being taken for convenience of arrangements and identification of circuits attached to panel boxes.

Conduit outside/underground shall be of rigid/PVC type.

Stake conduit as necessary to maintain proper placement.

Conduit shall be properly sized for THW conductors fill, even if THWN conductors are used. **Conduit shall not be smaller than 3/4" diameter.**

Ream all conduit after cutting.

Keep conduit ends well plugged and watertight during construction.

Swab all damp conduit to dry condition before pulling wires.

Use standard bends in conduit. Conduit with crushed or deformed walls shall not be used.

Attach conduit to junction boxes with locknuts and bushing inside.

CONDUIT FITTINGS

All conduit connectors and couplings shall be compatible with the conduit.

WIRE AND CABLE

Feeders and branch circuit conductors shall be type THW or THWN Code grade copper, 600 volt. Insulation thickness shall not be less than 15 mils thick plus outer covering.

Ground/bond wires, as a minimum, shall be per code.

Wire shall be sized so that the drop in the potential to the farthest point on the circuit does not exceed **3%**.

Wire no. 8 or larger shall be stranded and smaller wire shall be solid, except if noted otherwise.

Run all mains and feeders full length with no joints or splices. Joints in branch circuits may occur at pull boxes, outlet boxes, junction boxes and panels only.

One conductor in each circuit shall be identified by a distinctive color and the unified plan of color coding. Article 210 of the National Electrical Code shall be followed throughout the entire installation.

CIRCUITS

Arrange circuits for lighting in reasonable manner. On completion of this wiring, attach a typed description identifying each circuit. Affix inside the panel box and deliver an additional copy for permanent file to the Owner.

Follow National Electrical Code, Article 210 for color coding.

BOXES

Provide at each location necessary, a PVC weather proof (w.p.) junction box as necessary to power each pole light.

All exterior boxes shall be suitable for weather proof applications.

All boxes shall be accessible as defined by the National Electrical Code.

Time Switches: Parking lot lights shall be controlled by time clock **with photo cell over ride**. Time clock shall be 24 hr., dial type, SPST 125 volt clock motor, N1 enclosure. Intermatic model #T101 or approved equal. Mount timer near panel in Electrical room, and attach plastic label to clearly identify "Outside/Parking Lights."

PANELS

Lighting panel will be **furnished and installed by others** in conjunction with construction of the new office building, but furnish and install/add compatible breakers, as necessary to power this work.

FIXTURES

Provide and secure poles, complete with fixtures for every parking/pole light shown.

All fixtures shall include lamps.

Verify the application for each fixture unit and ascertain properties of adaptability before ordering.

Pole Lights shall be Sun Valley model, as manufactured by USA Architectural Lighting, Palmdale, CA, with 2-180 Versalux, VRS optics fixtures and 250W lamps. Mount on 5" square x 25' tall dark bronze steel poles.

CAST-IN-PLACE CONCRETE BASE

Construct min. 30" diameter X 36" tall (above grade), reinforced concrete pedestal bases, on min. 24" diameter x 12' deep reinforced concrete drilled piers with anchor bolts (per manufacturer) cast in top and configured as necessary to accept/secure each pole light. Locations shall be as shown on the drawing. C.I.P. concrete bases shall be formed using round Sonotube form and chamfered/tooled to ease all around top edge. Extend conduit up and out top for access. Vibrate carefully and tap form all around to minimize/eliminate any entrapped air. Finally, (after initial cure) carefully strip the Sonotube and sack concrete to fill/eliminate any bug holes and as necessary to achieve a uniform/ finished appearance.

After cure, erect and bolt down pole lights to plumb condition, per manufacturers recommendations.

CLEAN UP

Remove all rubbish and accumulated materials not caused by other trades.

Leave work in a clean, orderly and acceptable condition.

Connect, energize and test lights to ensure proper operation. Correct any malfunctions.

Leave all equipment and fixtures clean and in good operating condition.

APPENDIX

SEE ATTACHED PARKING PLANS

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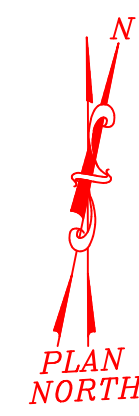
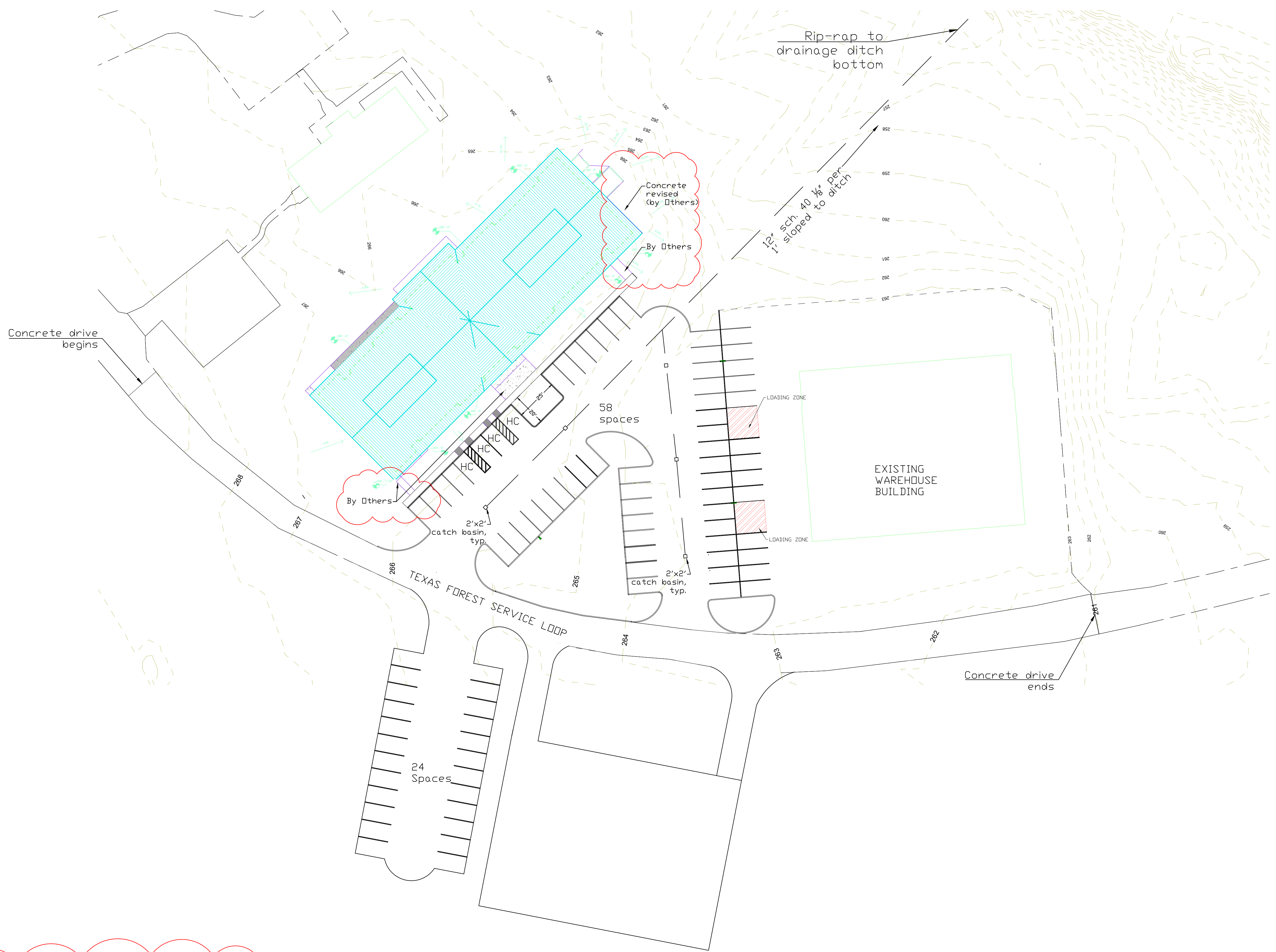
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Note: Driveway shall have expansion joints every 30'



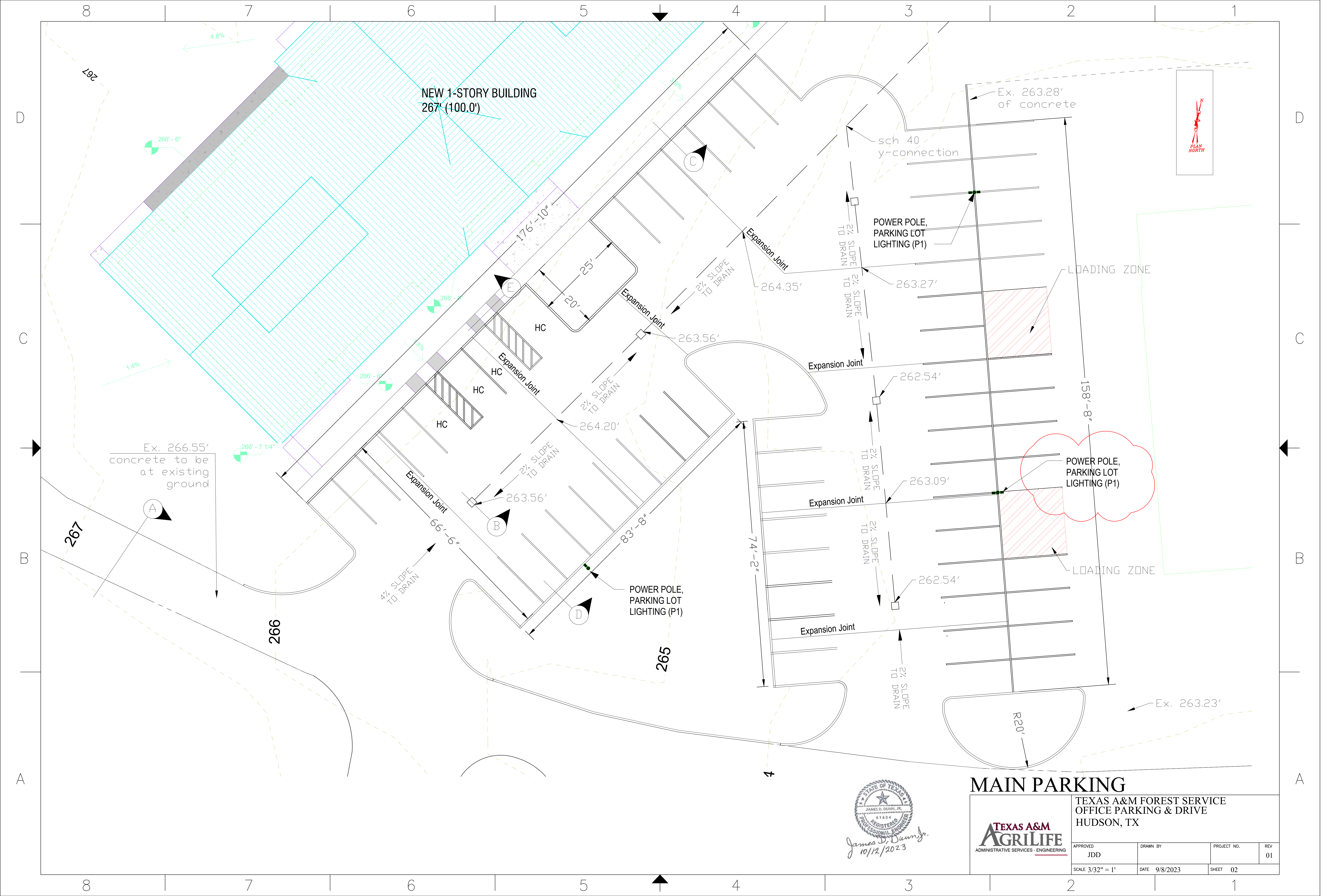
James D. Dunn, Jr.
10/12/2023

SITE LAYOUT



TEXAS A&M FOREST SERVICE
OFFICE PARKING & DRIVE
HUDSON, TX

APPROVED JDD	DRAWN BY	PROJECT NO.	REV 01
SCALE 1/32" = 1'	DATE 9/8/2023	SHEET 01	



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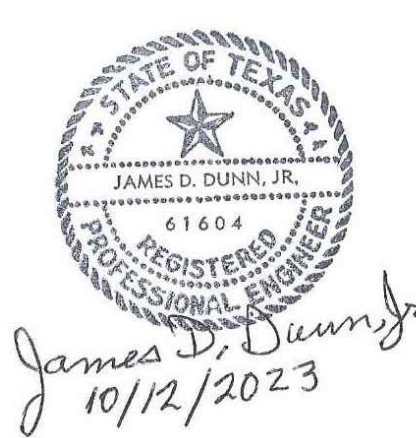
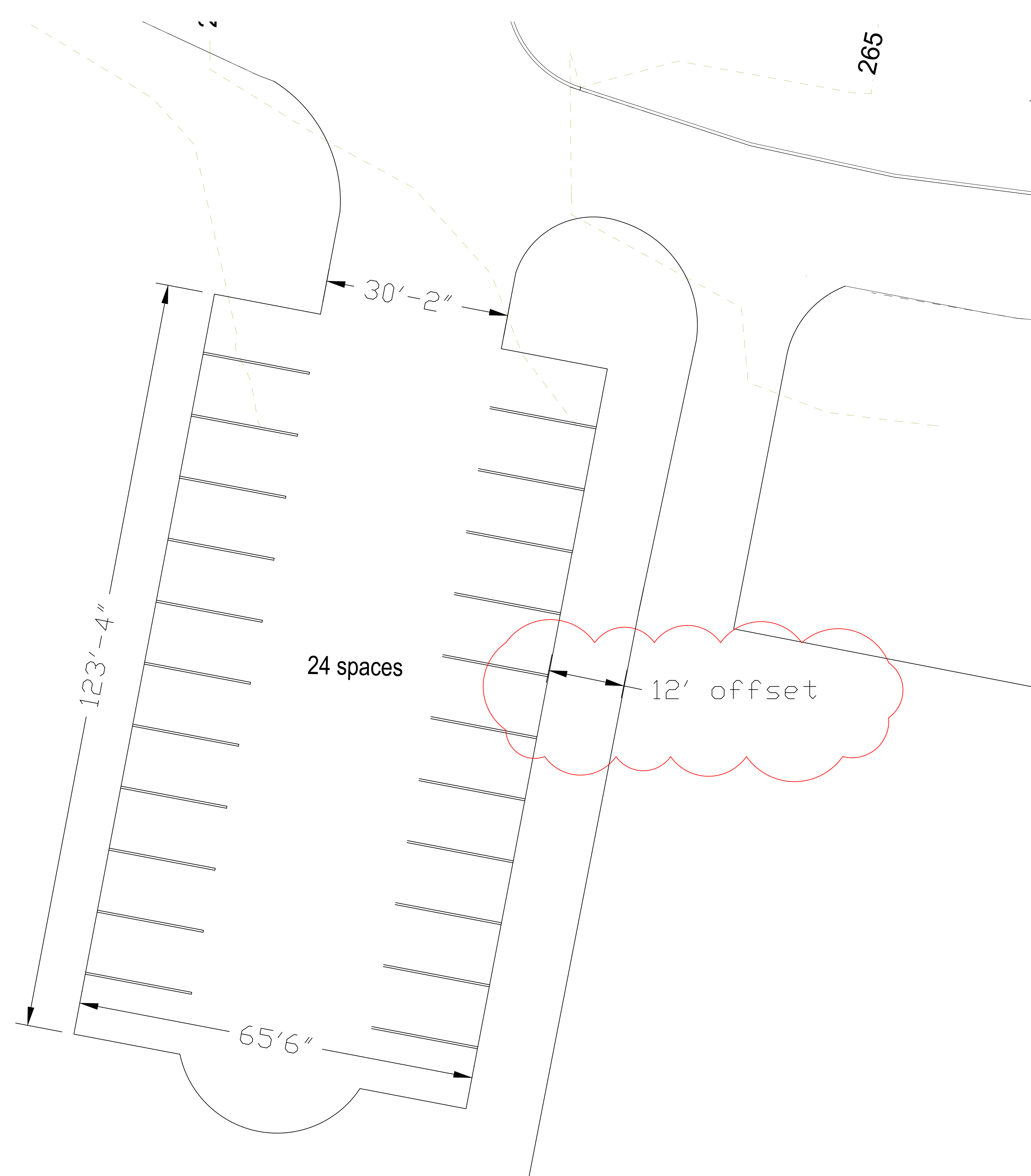
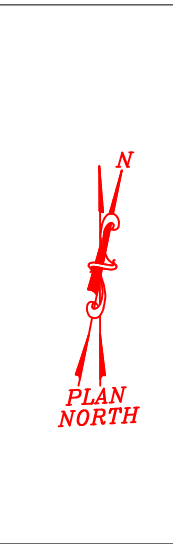
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ADDITIONAL PARKING



TEXAS A&M FOREST SERVICE
RADIO SHOP & WAREHOUSE BUILDING
HUDSON, TX

APPROVED JDD	DRAWN BY	PROJECT NO.	REV 01
SCALE 3/32" = 1'	DATE 9/8/2023	SHEET 03	

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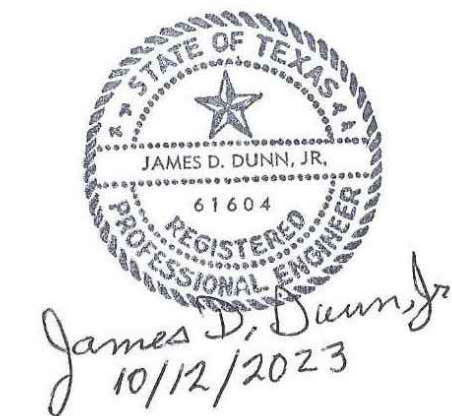
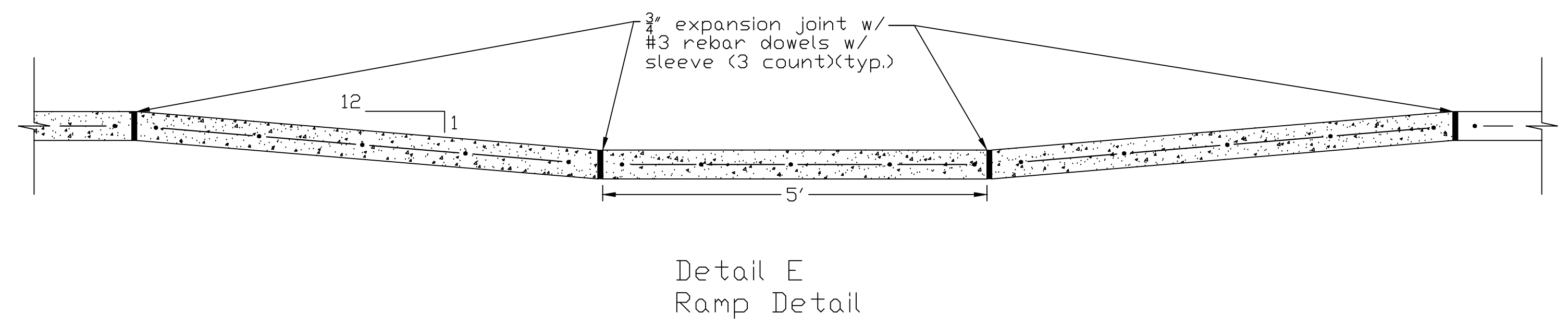
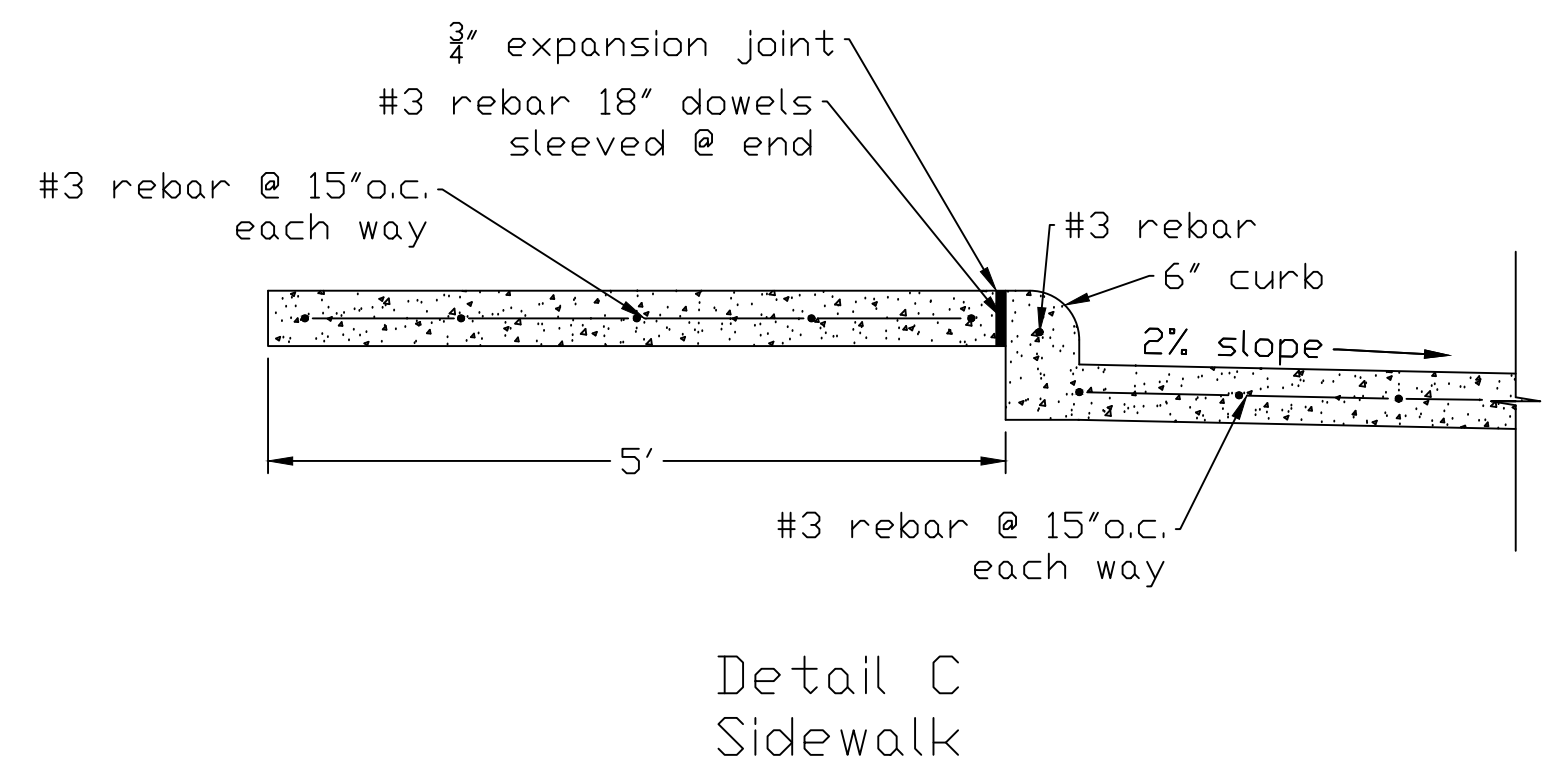
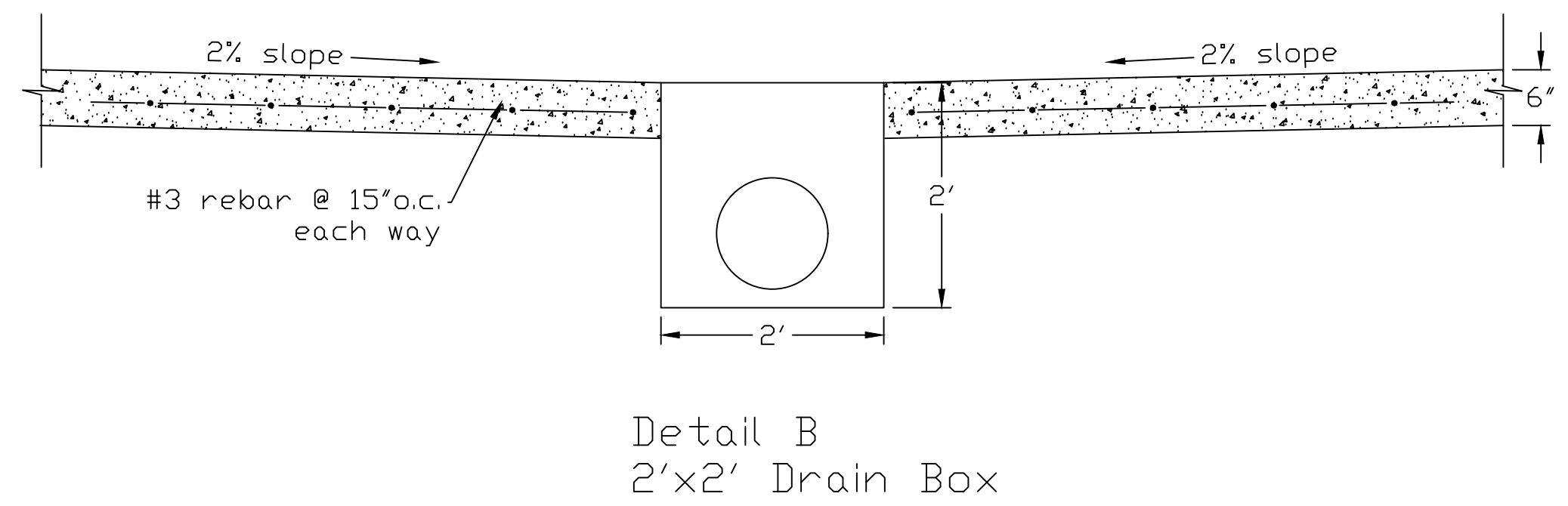
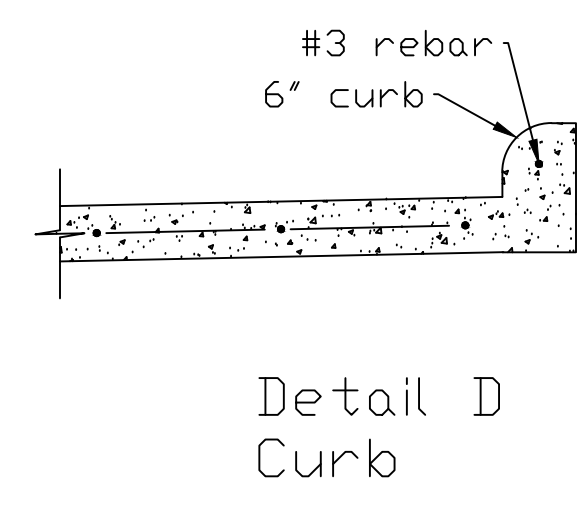
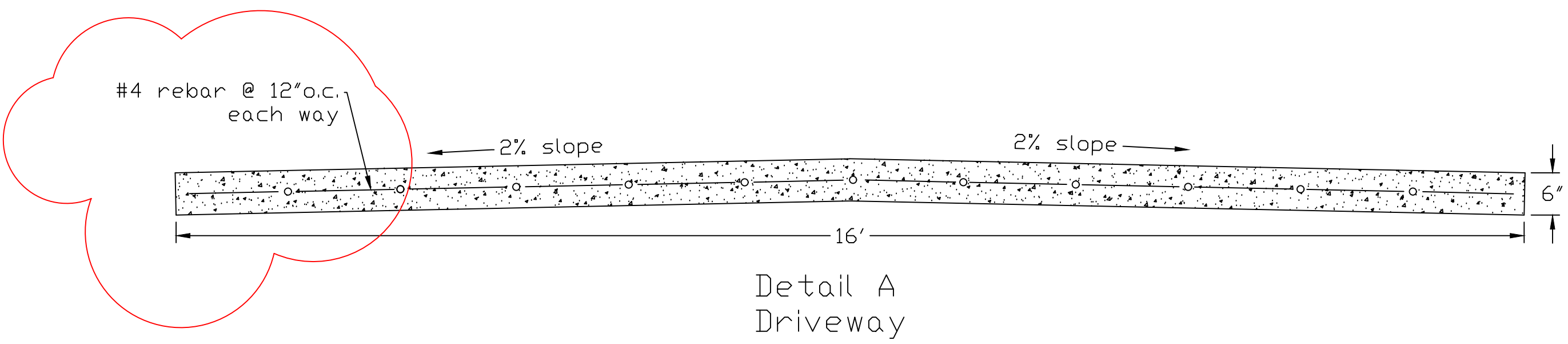
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DETAILS



TEXAS A&M FOREST SERVICE OFFICE PARKING & DRIVE HUDSON, TX			
APPROVED JDD	DRAWN BY	PROJECT NO.	REV 01
SCALE 3/4" = 1'	DATE 9/8/2023	SHEET 04	



TEXAS A&M FOREST SERVICE

Purchasing Department

200 Technology Way Suite 1151 ■ College Station, Texas 77845-3424
Phone (979) 458-7380 Fax (979) 458-7387

ADDENDUM NO. 1

TO: ALL BIDDERS

FROM: Terry Smith

DATE: October 13, 2023

RE: **Invitation for Bid #IFB-24-003**
Parking and Drive for Hudson Texas Office

The following additions, corrections and/or deletions are made to the above referenced Invitation For Bid:

- I. Change #1: Replace site plan with attached revised site plan, engineer stamp dated 10/12/2023.
- II. Change #2: Add the following language to the specifications:
 - Driveway can be split longitudinally if necessary. A keyway must be used, and dowels shall be on 15" centers, and caulked.
 - If specifications and drawings conflict, the most stringent requirements shall apply.

In addition to submitting a completed IFB, responding bidders must return signed/dated addendum by either including the addendum with the IFB submittal, or by fax at 979-458-7387. Failure to submit signed/dated addendum *may* result in disqualification of your bid.

Note: It is the responsibility of the bidder to ensure completed addendum is received in full by the Purchasing Office.

Authorized Signature

Date

Printed Name

Company Name