



AIA® Document A133® – 2019 Exhibit A

Guaranteed Maximum Price Amendment

This Amendment dated the Twenty-Sixth day of October in the year Two Thousand and Twenty-Three, is incorporated into the accompanying AIA Document A133™–2019, Standard Form of Agreement Between Owner and Construction Manager as Constructor where the basis of payment is the Cost of the Work Plus a Fee with a Guaranteed Maximum Price dated the Seventeenth day of August in the year Two Thousand Twenty-Three (the "Agreement").

(In words, indicate day, month, and year.)

for the following **PROJECT**:

(Name and address or location)

New Middle School #3 with Ancillary Facilities

West of Longmire Road, between White Oak Way and Longmire Way
Approximately 43.101 acre site

THE OWNER:

(Name, legal status, and address)

Willis Independent School District, an independent school district and political subdivision of the State of Texas
612 N. Campbell Street
Willis, Texas 77378

THE CONSTRUCTION MANAGER:

(Name, legal status, and address)

Durotech, Inc., a Texas corporation
11931 Wickchester, Suite 205
Houston, Texas 77043
Phone: 281.558.6892
Fax: 281.496.5637

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

AIA Document A201™–2017, General Conditions of the Contract for Construction, is adopted in this document by reference. Do not use with other general conditions unless this document is modified.

TABLE OF ARTICLES

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- A.2 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
- A.3 INFORMATION UPON WHICH AMENDMENT IS BASED
- A.4 CONSTRUCTION MANAGER'S CONSULTANTS, CONTRACTORS, DESIGN PROFESSIONALS, AND SUPPLIERS

ARTICLE A.1 GUARANTEED MAXIMUM PRICE

§ A.1.1 Guaranteed Maximum Price

Pursuant to Section 3.2.6 of the Agreement, the Owner and Construction Manager hereby amend the Agreement to establish a Guaranteed Maximum Price. As agreed by the Owner and Construction Manager, the Guaranteed Maximum Price is an amount that the Contract

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Sum shall not exceed. The Contract Sum consists of the Construction Manager's Fee plus the Construction Manager's compensation for General Conditions plus the Cost of the Work, as that term is defined in Article 6 of the Agreement.

§ A.1.1.1 The Contract Sum is guaranteed by the Construction Manager not to exceed Sixty-Four Million Seven Hundred Sixty Thousand Two Hundred Eighty-Six and No/100 Dollars (\$64,760,286.00), subject to additions and deductions by Change Order as provided in the Contract Documents.

§ A.1.1.2 **Itemized Statement of the Guaranteed Maximum Price.** Provided below is an itemized statement of the Guaranteed Maximum Price organized by trade categories, including allowances; the Construction Manager's contingency; alternates; the Construction Manager's Fee; and other items that comprise the Guaranteed Maximum Price. *(Provide itemized statement below or reference an attachment.)*

Exhibit "I", attached hereto and fully incorporated herein.

§ A.1.1.3 The Construction Manager's Fee is set forth in Section 6.1.2 of the Agreement.

§ A.1.1.4 The method of adjustment of the Construction Manager's Fee for changes in the Work is set forth in Section 6.1.4 of the Agreement.

§ A.1.1.5 **Alternates**

§ A.1.1.5.1 Alternates, if any, included in the Guaranteed Maximum Price: Included in Exhibit "I," attached hereto and fully incorporated herein.

(Table deleted)

§ A.1.1.5.2 Subject to the conditions noted below, the following alternates may be accepted by the Owner following execution of this Exhibit A. Upon acceptance, the Owner shall issue a Modification to the Agreement.

(Insert below each alternate and the conditions that must be met for the Owner to accept the alternate.)

Item	Price	Conditions for Acceptance
None		

§ A.1.1.6 Unit prices, if any: Exhibit "8," attached hereto and fully incorporated herein.

(Identify the item and state the unit price and quantity limitations, if any, to which the unit price will be applicable.)

(Table deleted)

(Paragraph deleted)

ARTICLE A.2 DATE OF COMMENCEMENT, SUBSTANTIAL COMPLETION AND FINAL COMPLETION

§ A.2.1 The date of commencement of the Work shall be:

(Check one of the following boxes.)

☐ The date of execution of this Amendment.

☒ Established as follows:

(Insert a date or a means to determine the date of commencement of the Work.)

The commencement date will be the first business day after the Construction Manager's receipt of the written notice to proceed. The notice to proceed shall not be issued by Architect until the Amendment has been signed by the Construction Manager, approved by the Owner's Board of Trustees, signed by the Owner's authorized representative, and Owner and Architect have received all required payment and performance bonds and insurance, in compliance with Article 11 of the AIA document A201-2017.

If a date of commencement of the Work is not selected, then the date of commencement shall be the date of execution of this Amendment.

§ A.2.2 Unless otherwise provided, the Contract Time is the period of time, including authorized adjustments, allotted in the Contract Documents for Substantial Completion of the Work. The Contract Time shall be measured from the date of commencement of the Work.

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§ A.2.3 Substantial Completion and Final Completion

§ A.2.3.1 Subject to adjustments of the Contract Time as provided in the Contract Documents, the Construction Manager shall achieve Substantial Completion of the entire Work:

(Check one of the following boxes and complete the necessary information.)

☐ Not later than () calendar days from the date of commencement of the Work.

☒ By the following date: June 1, 2025.

§ A.2.3.2 Subject to adjustments of the Contract Time as provided in the Contract Documents, if portions of the Work are to be completed prior to Substantial Completion of the entire Work, the Construction Manager shall achieve Substantial Completion of such portions by the following dates:

Portion of Work	Substantial Completion Date
Not Applicable.	

§ A.2.3.3 If the Construction Manager fails to achieve Substantial Completion as provided in this Section A.2.3, liquidated damages, if any, shall be assessed as set forth in Section 6.1.6 of the Agreement.

§ A.2.3.4 Final Completion shall be achieved by July 1, 2025.

ARTICLE A.3 INFORMATION UPON WHICH AMENDMENT IS BASED

§ A.3.1 The Guaranteed Maximum Price and Contract Time set forth in this Amendment are based on the Contract Documents and the following:

§ A.3.1.1 The following Supplementary and other Conditions of the Contract: Exhibit "4," attached hereto and fully incorporated herein.

(Table deleted)

§ A.3.1.2 The following Specifications:

(Either list the Specifications here, or refer to an exhibit attached to this Amendment.)

Exhibit "2," attached hereto and fully incorporated herein.

(Table deleted)

§ A.3.1.3 The following Drawings:

(Either list the Drawings here, or refer to an exhibit attached to this Amendment.)

Exhibit "3," attached hereto and fully incorporated herein.

(Table deleted)

§ A.3.1.4 The Sustainability Plan, if any:

(If the Owner identified a Sustainable Objective in the Owner's Criteria, identify the document or documents that comprise the Sustainability Plan by title, date and number of pages, and include other identifying information. The Sustainability Plan identifies and describes the Sustainable Objective; the targeted Sustainable Measures; implementation strategies selected to achieve the Sustainable Measures; the Owner's and Construction Manager's roles and responsibilities associated with achieving the Sustainable Measures; the specific details about design reviews, testing or metrics to verify achievement of each Sustainable Measure; and the Sustainability Documentation required for the Project, as those terms are defined in Exhibit C to the Agreement.)

Title	Date	Pages
Not Applicable.		

Other identifying information: None.

§ A.3.1.5 Allowances, if any, included in the Guaranteed Maximum Price:

(Paragraphs deleted)

Exhibit "6," attached hereto and fully incorporated herein.

(Table deleted)

§ A.3.1.6 Assumptions and clarifications, if any, upon which the Guaranteed Maximum Price is based:

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User Notes:

(1432834895)

(Paragraphs deleted)

Exhibit "5," attached hereto and fully incorporated herein.

§ A.3.1.7 The Guaranteed Maximum Price is based upon the following other documents and information:
(List any other documents or information here, or refer to an exhibit attached to this Amendment.)

(1) The Construction Manager certifies that it is not listed in the prohibited vendors list authorized by Executive Order No. 13224, "Blocking Property and Prohibiting Transactions with Persons Who Commit, Threaten to Commit, or Support Terrorism", published by the United States Department of the Treasury, Office of Foreign Assets Control.

(2) The Construction Manager represents and warrants that it is not engaged in business with Iran, Sudan, or a foreign terrorist organization, as prohibited by Section 2252.152 of the Texas Government Code.

(3) Construction Manager shall visibly post the name and contact information of the Owner and a brief description of the Project at the entrance to the construction site.

(4) Criminal History Records Checks

a. So that Owner can obtain the national criminal history record information required by Texas Education Code Section 22.08341 on all "covered employees" (as defined in Section 3.4.6.3) of Contractor, its subcontractors, or any subcontracting entities who will perform the Work, Construction Manager shall submit to Owner the name and all necessary identifying information necessary to enable Owner to obtain the national criminal history information on those covered employees before they begin the Work. Contractor's submission will include the employee's written authorization for Owner to obtain such criminal history information. Owner may, in its sole discretion, prohibit the use of any employee to perform the Work after its review of the criminal history information, but cannot disclose the criminal history information to Contractor. Construction Manager shall reimburse Owner for Owner's costs incurred in obtaining the criminal history information.

b. Construction Manager will not assign any "covered employee" with a "disqualifying criminal history," as those terms are defined below, to work on the Project. If Construction Manager receives information that a covered employee has a reported disqualifying criminal history, then Construction Manager will immediately remove the covered employee from the Project and notify the Owner in writing within three (3) business days. If the Owner objects to the assignment of any covered employee on the basis of the covered employee's criminal history record information, then Construction Manager agrees to discontinue using that covered employee to provide services on Owner's Project. If Construction Manager has taken precautions or imposed conditions to ensure that the employees of Construction Manager and any subcontractor will not become covered employees, Construction Manager will ensure that these precautions or conditions continue throughout the time the contracted services are provided.

c. For the purposes of this Section, "covered employees" means employees, agents, or applicants of Construction Manager who have or will have continuing duties related to the services to be performed on Owner's Project and has or will have direct contact with Owner's students. The Owner will decide what constitutes direct contact with Owner's students. The definition of "covered employees" does not include individuals working on the Work if the Work: (1.) does not involve the construction, alteration, or repair of an instructional facility as defined herein; (2.) involves construction of a new instructional facility and the person's duties related to other contracted services will be completed not later than the seventh day before the first date the facility will be used for instructional purposes; or (3.) involves an existing instructional facility and: (a.) the work area contains sanitary facilities and is separated from all areas used by students by a secure barrier fence that is not less than six feet in height; and (b.) the contracting entity adopts a policy prohibiting employees, contractors, and subcontractors from interacting with students or entering areas used by students, informs employees, contractors, and subcontractors of the policy, and enforces the policy at the work area. "Disqualifying criminal history" means: any conviction or other criminal history information designated by the Owner; any felony or misdemeanor conviction that would disqualify a person from obtaining educator certification under Texas Education Code Section 21.060, and 19 Texas Administrative Code Section 249.16; or one of the following offenses, if at the time of the offense, the victim was under 18 years of age or enrolled in a public school; a felony offense under Texas Penal Code Title 5 Offense Against Persons; an offense for which a defendant is required to register as a sex offender under Texas Code of Criminal Procedure Chapter 62; or an equivalent offense under federal law or the laws of another state; or a felony violation of Texas Penal Code Section 43.24 related to the sale, distribution or display of harmful material to a minor. The term "instructional facility" means real property, an improvement to real property, or a necessary fixture of an improvement to real property that is used predominantly for teaching the curriculum required under the state curriculum

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for kindergarten through grade 12.

c. Construction Manager's violation of this provision shall constitute a substantial failure under Article 14 of the AIA A201-2017.

(5) Pursuant to Texas Government Code Chapter 2272, Construction Manager represents and warrants to Owner that Construction Manager is not a prohibited provider or affiliate.

(6) For all the Project, including but not limited to proceeding with the Allowances, Construction Manager represents and warrants that it will proceed in accordance with statute and the executed AIA A133-2019 and AIA A201-2017 for the Project.

(7) Construction Manager represents and warrants that it has complied with all statutory requirements and contract requirements set out in the executed AIA A133-2019 and AIA A201-2017 for the Project for the Self Performed Work Items set forth in Exhibit "7," attached hereto and fully incorporated herein, which sets out the scope and amount of the Construction Manager's Self-Performed Work Items.

(8) Exhibit "9," Cost Saving Items, attached hereto and fully incorporated herein.

(9) Upon receipt of a Construction Change Directive, the Contractor shall promptly proceed with the change in the Work involved and advise the Architect of the Contractor's agreement (by executing and returning the Change Directive) or disagreement with the method, if any, provided in the Construction Change Directive for determining the proposed adjustment in the Contract Sum or Contract Time, provided that, pursuant to Texas Government Code Section 2251.0521, Contractor shall not be required to proceed with additional work nor be responsible for any damages resulting from not proceeding with such work absent a fully-executed Change Order when such Construction Change Directive, either individually or collectively with other Construction Change Directives for which no Change Order has been fully executed, exceeds ten percent (10%) of the Guaranteed Maximum Price or the Contract Sum. No subcontractor shall be required to proceed with additional work nor be responsible for any damages resulting from not proceeding with such work absent a fully-executed Change Order when such Construction Change Directive, either individually or collectively with other Construction Change Directives for which no Change Order has been fully executed, exceeds ten percent (10%) of the subcontractor's contract amount.

ARTICLE A.4 CONSTRUCTION MANAGER'S CONSULTANTS, CONTRACTORS, DESIGN PROFESSIONALS, AND SUPPLIERS

§ A.4.1 The Construction Manager shall retain the consultants, contractors, design professionals, and suppliers, identified below:

(List name, discipline, address, and other information.)

Not Applicable.

This Amendment to the Agreement entered into as of the day and year first written above.

WILLIS INDEPENDENT SCHOOL DISTRICT

DUROTECH, INC., a Texas corporation


OWNER (Signature)


CONSTRUCTION MANAGER (Signature)

Thomas Crowe
(Printed name and title)

David Kocog, CEO
(Printed name and title)

Willis ISD Interim Superintendent
10/26/2023

10-26-2023

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Additions and Deletions Report for AIA® Document A133® – 2019 Exhibit A

This Additions and Deletions Report, as defined on page 1 of the associated document, reproduces below all text the author has added to the standard form AIA document in order to complete it, as well as any text the author may have added to or deleted from the original AIA text. Added text is shown underlined. Deleted text is indicated with a horizontal line through the original AIA text.

Note: This Additions and Deletions Report is provided for information purposes only and is not incorporated into or constitute any part of the associated AIA document. This Additions and Deletions Report and its associated document were generated simultaneously by AIA software at 16:02:20 ET on 10/25/2023.

PAGE 1

This Amendment dated the Twenty-Sixth day of October in the year ~~Two Thousand and Twenty-Three~~, is incorporated into the accompanying AIA Document A133™-2019, Standard Form of Agreement Between Owner and Construction Manager as Constructor where the basis of payment is the Cost of the Work Plus a Fee with a Guaranteed Maximum Price dated the Seventeenth day of August in the year ~~(the "Agreement")~~ Two Thousand Twenty-Three (the "Agreement").

...

New Middle School #3 with Ancillary Facilities

West of Longmire Road, between White Oak Way and Longmire Way
Approximately 43.101 acre site

...

Willis Independent School District, an independent school district and political subdivision of the State of Texas
612 N. Campbell Street
Willis, Texas 77378

...

(Name, legal status, and address)

Durotech, Inc., a Texas corporation
11931 Wickchester, Suite 205
Houston, Texas 77043
Phone: 281.558.6892
Fax: 281.496.5637

...

Pursuant to Section 3.2.6 of the Agreement, the Owner and Construction Manager hereby amend the Agreement to establish a Guaranteed Maximum Price. As agreed by the Owner and Construction Manager, the Guaranteed Maximum Price is an amount that the Contract Sum shall not exceed. The Contract Sum consists of the Construction Manager's Fee plus the Construction Manager's compensation for General Conditions plus the Cost of the Work, as that term is defined in Article 6 of the Agreement.

§ A.1.1.1 The Contract Sum is guaranteed by the Construction Manager not to exceed ~~(\$—)~~, Sixty-Four Million Seven Hundred Sixty Thousand Two Hundred Eighty-Six and No/100 Dollars (\$64,760,286.00), subject to additions and deductions by Change Order as provided in the Contract Documents.

§ A.1.1.2 Itemized Statement of the Guaranteed Maximum Price. Provided below is an itemized statement of the Guaranteed Maximum Price organized by trade categories, including allowances; the Construction Manager's contingency; alternates; the Construction Manager's Fee; and other items that comprise the Guaranteed Maximum Price as defined in Section 3.2.1 of the Agreement. Price.

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Exhibit "1", attached hereto and fully incorporated herein.

...

§ A.1.1.4 The method of adjustment of the Construction Manager's Fee for changes in the Work is set forth in Section 6.1.3-6.1.4 of the Agreement.

...

§ A.1.1.5.1 Alternates, if any, included in the Guaranteed Maximum Price: Included in Exhibit "1." attached hereto and fully incorporated herein.

Item

Price

...

None.

§ A.1.1.6 Unit prices, if any: Exhibit "8," attached hereto and fully incorporated herein.

...

Item

Units and Limitations

Price per Unit (\$0.00)

~~ARTICLE A.2 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION~~

ARTICLE A.2 DATE OF COMMENCEMENT, SUBSTANTIAL COMPLETION AND FINAL COMPLETION

...

☒ Established as follows:

...

The commencement date will be the first business day after the Construction Manager's receipt of the written notice to proceed. The notice to proceed shall not be issued by Architect until the Amendment has been signed by the Construction Manager, approved by the Owner's Board of Trustees, signed by the Owner's authorized representative, and Owner and Architect have received all required payment and performance bonds and insurance, in compliance with Article 11 of the AIA document A201-2017.

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§ A.2.3 Substantial Completion and Final Completion

...

☒ By the following date: June 1, 2025.

...

Not Applicable.

...

§ A.2.3.4 Final Completion shall be achieved by July 1, 2025.

...

§ A.3.1.1 The following Supplementary and other Conditions of the Contract: Exhibit "4," attached hereto and fully incorporated herein.

Document	Title	Date	Pages
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...

Exhibit "2," attached hereto and fully incorporated herein.

Section	Title	Date	Pages
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...

Exhibit "3," attached hereto and fully incorporated herein.

Number	Title	Date
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...

Not Applicable.

Other identifying information: None.

§ A.3.1.5 Allowances, if any, included in the Guaranteed Maximum Price:

~~(Identify each allowance.)~~

Exhibit "6," attached hereto and fully incorporated herein.

Item	Price
------	-------

§ A.3.1.6 Assumptions and clarifications, if any, upon which the Guaranteed Maximum Price is based:

~~(Identify each assumption and clarification.)~~

Exhibit "5," attached hereto and fully incorporated herein.

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(1) The Construction Manager certifies that it is not listed in the prohibited vendors list authorized by Executive Order No. 13224, "Blocking Property and Prohibiting Transactions with Persons Who Commit, Threaten to Commit, or Support Terrorism", published by the United States Department of the Treasury, Office of Foreign Assets Control.

(2) The Construction Manager represents and warrants that it is not engaged in business with Iran, Sudan, or a foreign terrorist organization, as prohibited by Section 2252.152 of the Texas Government Code.

(3) Construction Manager shall visibly post the name and contact information of the Owner and a brief description of the Project at the entrance to the construction site.

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User Notes:

(1432834895)

(4) Criminal History Records Checks

a. So that Owner can obtain the national criminal history record information required by Texas Education Code Section 22.08341 on all "covered employees" (as defined in Section 3.4.6.3) of Contractor, its subcontractors, or any subcontracting entities who will perform the Work, Construction Manager shall submit to Owner the name and all necessary identifying information necessary to enable Owner to obtain the national criminal history information on those covered employees before they begin the Work. Contractor's submission will include the employee's written authorization for Owner to obtain such criminal history information. Owner may, in its sole discretion, prohibit the use of any employee to perform the Work after its review of the criminal history information, but cannot disclose the criminal history information to Contractor. Construction Manager shall reimburse Owner for Owner's costs incurred in obtaining the criminal history information.

b. Construction Manager will not assign any "covered employee" with a "disqualifying criminal history," as those terms are defined below, to work on the Project. If Construction Manager receives information that a covered employee has a reported disqualifying criminal history, then Construction Manager will immediately remove the covered employee from the Project and notify the Owner in writing within three (3) business days. If the Owner objects to the assignment of any covered employee on the basis of the covered employee's criminal history record information, then Construction Manager agrees to discontinue using that covered employee to provide services on Owner's Project. If Construction Manager has taken precautions or imposed conditions to ensure that the employees of Construction Manager and any subcontractor will not become covered employees, Construction Manager will ensure that these precautions or conditions continue throughout the time the contracted services are provided.

c. For the purposes of this Section, "covered employees" means employees, agents, or applicants of Construction Manager who have or will have continuing duties related to the services to be performed on Owner's Project and has or will have direct contact with Owner's students. The Owner will decide what constitutes direct contact with Owner's students. The definition of "covered employees" does not include individuals working on the Work if the Work: (1.) does not involve the construction, alteration, or repair of an instructional facility as defined herein; (2.) involves construction of a new instructional facility and the person's duties related to other contracted services will be completed not later than the seventh day before the first date the facility will be used for instructional purposes; or (3.) involves an existing instructional facility and: (a.) the work area contains sanitary facilities and is separated from all areas used by students by a secure barrier fence that is not less than six feet in height; and (b.) the contracting entity adopts a policy prohibiting employees, contractors, and subcontractors from interacting with students or entering areas used by students, informs employees, contractors, and subcontractors of the policy, and enforces the policy at the work area. "Disqualifying criminal history" means: any conviction or other criminal history information designated by the Owner; any felony or misdemeanor conviction that would disqualify a person from obtaining educator certification under Texas Education Code Section 21.060, and 19 Texas Administrative Code Section 249.16; or one of the following offenses, if at the time of the offense, the victim was under 18 years of age or enrolled in a public school: a felony offense under Texas Penal Code Title 5 Offense Against Persons; an offense for which a defendant is required to register as a sex offender under Texas Code of Criminal Procedure Chapter 62; or an equivalent offense under federal law or the laws of another state; or a felony violation of Texas Penal Code Section 43.24 related to the sale, distribution or display of harmful material to a minor. The term "instructional facility" means real property, an improvement to real property, or a necessary fixture of an improvement to real property that is used predominantly for teaching the curriculum required under the state curriculum for kindergarten through grade 12.

c. Construction Manager's violation of this provision shall constitute a substantial failure under Article 14 of the AIA A201-2017.

(5) Pursuant to Texas Government Code Chapter 2272, Construction Manager represents and warrants to Owner that Construction Manager is not a prohibited provider or affiliate.

(6) For all the Project, including but not limited to proceeding with the Allowances, Construction Manager represents and warrants that it will proceed in accordance with statute and the executed AIA A133-2019 and AIA A201-2017 for the Project.

(7) Construction Manager represents and warrants that it has complied with all statutory requirements and contract requirements set out in the executed AIA A133-2019 and AIA A201-2017 for the Project for the Self Performed Work Items set forth in Exhibit "7," attached hereto and fully incorporated herein, which sets out the scope and amount of the Construction Manager's Self-Performed Work Items.

(8) Exhibit "9," Cost Saving Items, attached hereto and fully incorporated herein.

(9) Upon receipt of a Construction Change Directive, the Contractor shall promptly proceed with the change in the Work involved and advise the Architect of the Contractor's agreement (by executing and returning the Change Directive) or disagreement with the method, if any, provided in the Construction Change Directive for determining the proposed adjustment in the Contract Sum or Contract Time, provided that, pursuant to Texas Government Code Section 2251.0521, Contractor shall not be required to proceed with additional work nor be responsible for any damages resulting from not proceeding with such work absent a fully-executed Change Order when such Construction Change Directive, either individually or collectively with other Construction Change Directives for which no Change Order has been fully executed, exceeds ten percent (10%) of the Guaranteed Maximum Price or the Contract Sum. No subcontractor shall be required to proceed with additional work nor be responsible for any damages resulting from not proceeding with such work absent a fully-executed Change Order when such Construction Change Directive, either individually or collectively with other Construction Change Directives for which no Change Order has been fully executed, exceeds ten percent (10%) of the subcontractor's contract amount.

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Not Applicable.

...

WILLIS INDEPENDENT SCHOOL DISTRICT

DUROTECH, INC., a Texas corporation

...

OWNER (Signature)

CONSTRUCTION MANAGER (Signature)(Signature)

Certification of Document's Authenticity

AIA® Document D401™ – 2003

I, _____, hereby certify, to the best of my knowledge, information and belief, that I created the attached final document simultaneously with its associated Additions and Deletions Report and this certification at 16:02:20 ET on 10/25/2023 under Order No. 3104238383 from AIA Contract Documents software and that in preparing the attached final document I made no changes to the original text of AIA® Document A133™ – 2019 Exhibit A, Guaranteed Maximum Price Amendment, other than those additions and deletions shown in the associated Additions and Deletions Report.

(Signed)

(Title)

(Dated)



PROJECT: Middle School No. 3
LOCATION: 7373 Longmire Road, Conroe, Texas
OWNER: Willis I.S.D.
ARCHITECT: VLK Architects
DATE: 10/11/2023

WILLIS ISD MIDDLE SCHOOL NO. 3

SECTION	DESCRIPTION	BASE BID				REMARKS
		LABOR	MATERIAL	SUB-BIDS	TOTAL	
01 21 05	OWNER'S TECHNOLOGY ALLOWANCE	-	-	220,000	220,000	ALLOWANCE
01 43 39	MOCKUP PANEL	-	-	10,000	10,000	
01 45 33	WINDSTORM INSPECTIONS	-	-	0	0	BY OWNER
01 53 70	QMS	-	-	207,233	207,233	
01 54 23	TEMPORARY SCAFFOLDING	-	82,082	-	82,082	
01 55 29	TEMPORARY LAYDOWN AREA	-	32,500	-	32,500	
01 64 00	OWNER FURNISHED ITEMS	-	-	5,746	5,746	
DIV 02	EXISTING CONDITIONS	-	-	-	-	
02 26 23	ASBESTOS ABATEMENT	-	-	0	0	BY OWNER
02 41 00	DEMOLITION	-	-	65,338	65,338	
DIV 03	CONCRETE	-	-	-	-	
03 20 00	CONCRETE REINFORCING	-	-	0	0	IN 03 30 00
03 30 00	CAST-IN-PLACE CONCRETE	-	-	4,418,495	4,418,495	
03 35 10	CONCRETE FLOOR SEALER	-	-	32,280	32,280	
03 38 00	POST-TENSIONED CONCRETE	-	-	0	0	IN 32 18 23
03 52 00	LIGHTWEIGHT CONCRETE ROOF INSULATION	-	-	1,287,782	1,287,782	
DIV 04	MASONRY	-	-	-	-	
04 05 19	MASONRY REBAR	-	-	0	0	IN 04 20 00
04 20 00	MASONRY	-	-	3,484,000	3,484,000	
DIV 05	METALS	-	-	-	-	
05 12 00	STRUCTURAL STEEL FRAMING	-	-	2,329,000	2,329,000	
05 12 50	STRUCTURAL STEEL ERECTION	-	-	1,248,246	1,248,246	
05 37 00	PREPARE EXPOSED STEEL STRUCTURE	17,326	17,327	-	34,653	
05 34 00	ACOUSTICAL METAL DECKING	-	-	0	0	NONE
05 50 00	MISCELLANEOUS STEEL	-	-	289,693	289,693	
05 50 10	TIMBER MATS	42,750	32,970	-	75,720	
05 55 00	METAL NOSINGS	4,275	7,053	-	11,328	
05 73 00	DECORATIVE METAL RAILINGS	-	-	380,000	380,000	
DIV 06	WOOD, PLASTICS, AND COMPOSITES	-	-	-	-	
06 10 00	ROUGH CARPENTRY	-	-	675,193	675,193	
06 20 00	FINISH CARPENTRY	-	-	0	0	IN 12 32 00
06 64 00	PLASTIC PANELING	-	-	6,785	6,785	
DIV 07	THERMAL AND MOISTURE PROTECTION	-	-	-	-	
07 11 00	DAMP-PROOFING	-	-	585,822	585,822	
07 18 00	TRAFFIC COATINGS	-	-	0	0	NONE
07 19 00	WATER REPELLENTS	-	-	0	0	NONE
07 21 00	THERMAL INSULATION	-	-	286,196	286,196	
07 21 10	COMPRESSIBLE MINERAL WOOL INSULATION	-	-	25,000	25,000	
07 21 29	SPRAYED INSULATION	-	-	17,478	17,478	
07 41 00	METAL ROOF PANELS	-	-	44,724	44,724	
07 42 00	METAL WALL & SOFFIT PANELS	-	-	482,284	482,284	
07 42 10	COLUMN COVERS	-	-	0	0	NONE
07 53 00	SINGLE-PLY MEMBRANE ROOFING	-	-	845,780	845,780	
07 71 00	DOWNSPOUT BOOTS	-	-	9,600	9,600	
07 72 33	ROOF HATCHES	-	14,000	-	14,000	
07 72 36	SMOKE VENTS	-	37,100	-	37,100	
07 81 00	APPLIED FIREPROOFING	-	-	379,440	379,440	
07 84 00	FIRESTOPPING	21,726	15,246	-	36,972	
07 92 00	JOINT SEALANTS	-	59,163	-	59,163	
07 95 00	EXPANSION CONTROL	15,362	17,663	-	33,025	
DIV 08	OPENINGS	-	-	-	-	
08 08 00	DOOR & HARDWARE INSTALLATION	-	-	36,300	36,300	
08 11 00	METAL DOORS & FRAMES	12,305	468,687	-	480,992	
08 14 23	PLASTIC LAMINATE FACED WOOD DOORS	14,883	-	-	14,883	MATERIAL IN 08 11 00
08 31 00	ACCESS DOORS AND PANELS	-	-	5,960	5,960	

EXHIBIT "1"

SECTION	DESCRIPTION	BASE BID				REMARKS
		LABOR	MATERIAL	SUB-BIDS	TOTAL	
08 33 00	COILING DOORS & GRILLES	-	-	211,377	211,377	
08 36 13	SECTIONAL OVERHEAD DOORS	-	-	0	0	IN 08 33 23
08 34 73	SOUND CONTROL DOOR ASSEMBLIES	-	-	0	0	NONE
08 35 00	FOLDING DOORS & GRILLES	-	-	0	0	NONE
08 56 68	TRANSACTION WINDOWS	-	-	0	0	NONE
08 71 00	DOOR HARDWARE	12,266	-	-	12,266	MATERIAL IN 08 11 00
08 80 00	GLAZING	-	-	1,769,462	1,769,462	
08 80 10	TEMPORARY ENCLOSURES	10,361	7,271	-	17,632	
08 80 15	CLEAN GLASS	3,585	1,258	-	4,843	
08 83 00	MIRRORS	-	-	0	0	IN 08 80 00
08 87 00	GLAZING SURFACE FILMS	-	-	0	0	IN 08 80 00
08 91 00	LOUVERS	-	-	7,500	7,500	
DIV 09	FINISHES	-	-	-	-	
09 29 00	GYPSUM BOARD	-	-	1,678,214	1,678,214	
09 30 00	TILING	-	-	820,377	820,377	
09 51 00	ACOUSTICAL CEILINGS	-	-	1,540,608	1,540,608	
09 54 23	LINEAR METAL CEILINGS	-	-	0	0	IN 09 51 00
09 60 00	FLOOR PREPARATION	-	-	73,511	73,511	
09 60 10	FLOOR PROTECTION	-	-	51,968	51,968	
09 60 20	MOISTURE CONTROL ALLOWANCE	-	259,670	-	259,670	ALLOWANCE
09 64 00	WOOD FLOORING	-	-	55,925	55,925	
09 64 53	RESILIENT WOOD FLOORING SYSTEM - GYM	-	-	256,935	256,935	
09 64 76	DANCE FLOOR ASSEMBLIES	-	-	30,855	30,855	
09 65 00	RESILIENT FLOORING	-	-	408,550	408,550	
09 65 67	RESILIENT MODULAR ATHLETIC FLOORING	-	-	46,517	46,517	
09 67 00	FLUID-APPLIED FLOORING	-	-	53,080	53,080	
09 72 00	WALL COVERINGS	-	-	0	0	IN 09 90 00
09 72 26	CUSTOM DIGITAL WALL COVERINGS	-	-	105,000	105,000	ALLOWANCE
09 84 00	ACOUSTIC WALL PANELS	-	-	41,070	41,070	
09 90 00	PAINTING & COATING	-	-	270,762	270,762	
DIV 10	SPECIALTIES	-	-	-	-	
10 11 00	VISUAL DISPLAY UNITS	-	-	185,400	185,400	
10 12 00	DISPLAY CASES	-	-	0	0	IN 10 11 00
10 14 00	SIGNAGE	-	-	43,535	43,535	
10 14 10	3D METAL LOGO (WG-02) SIGN ALLOWANCE	-	-	10,000	10,000	ALLOWANCE
10 14 26	POST & PANEL/PYLON SIGNAGE	-	-	0	0	IN 10 14 00
10 14 63	ELECTRONIC MESSAGE SIGNAGE	-	-	50,635	50,635	
10 21 13	TOILET COMPARTMENTS	-	-	68,709	68,709	
10 21 23	CUBICLE CURTAINS & TRACK	-	-	3,250	3,250	
10 26 00	WALL PROTECTION	-	-	85,108	85,108	
10 26 13	CORNER GUARDS	-	-	3,857	3,857	
10 28 13	TOILET ACCESSORIES	-	-	37,403	37,403	
10 43 13	DEFIBRILLATOR CABINETS	-	-	0	0	NONE
10 44 00	FIRE PROTECTION SPECIALTIES	-	-	9,366	9,366	
10 44 15	KNOX BOX	-	-	771	771	
10 51 13	METAL LOCKERS	-	-	250,100	250,100	
10 56 13	METAL STORAGE SHELVING	-	-	57,450	57,450	
10 73 00	PROTECTIVE COVERS	-	-	303,389	303,389	
10 75 00	FLAGPOLES	-	-	6,928	6,928	
10 82 00	EXTERIOR GRILLES & SCREENS	-	-	0	0	NONE
10 99 00	CHAIN HOIST	-	-	0	0	NONE
DIV 11	EQUIPMENT	-	-	-	-	
11 23 00	COMMERCIAL LAUNDRY EQUIPMENT	-	-	84,987	84,987	
11 31 00	RESIDENTIAL APPLIANCES	5,839	14,927	-	20,766	
11 40 00	FOODSERVICE EQUIPMENT	-	-	1,621,622	1,621,622	
11 47 00	ICE MACHINES	500	7,800	-	8,300	
11 52 13	PROJECTION SCREENS	-	-	0	0	IN 27 41 16
11 53 00	LABORATORY EQUIPMENT	-	-	0	0	IN 12 35 00
11 61 00	THEATER & STAGE EQUIPMENT	-	-	54,325	54,325	
11 66 23	GYMNASIUM EQUIPMENT	-	-	112,381	112,381	
11 66 25	MOBILE WHIRLPOOL	-	-	16,025	16,025	
11 66 43	INTERIOR SCOREBOARDS	-	-	18,344	18,344	
11 66 50	EXTERIOR SCOREBOARDS	-	-	14,602	14,602	
11 68 26	EXTERIOR TENNIS EQUIPMENT	-	-	0	0	IN 32 18 23
11 68 27	ATHLETIC FIELD EQUIPMENT	-	-	0	0	IN 32 18 13

EXHIBIT "1"

SECTION	DESCRIPTION	BASE BID				REMARKS
		LABOR	MATERIAL	SUB-BIDS	TOTAL	
11 68 28	FOOTBALL FIELD EQUIPMENT	-	-	0	0	IN 32 18 13
DIV 12	FURNISHINGS	-	-	-	-	
12 21 00	WINDOW BLINDS & SHADES	-	-	35,516	35,516	
12 32 00	CASEWORK	-	-	467,283	467,283	
12 32 20	MUSICAL INSTRUMENT CABINET SYSTEM	-	-	175,558	175,558	
12 35 00	LABORATORY CASEWORK	-	-	314,321	314,321	
12 56 70	CHANGING TABLE	-	-	14,761	14,761	
12 66 00	TELESCOPING STANDS	-	-	241,238	241,238	
12 93 00	SITE FURNISHINGS	-	-	0	0	NONE
12 93 13	BICYCLE RACKS	1,501	4,007	-	5,508	
DIV 13	SPECIAL CONSTRUCTION	-	-	-	-	
13 28 16	SAFETY NETTING	-	-	0	0	IN 32 18 13
13 34 16	GRANDSTANDS & BLEACHERS	-	-	363,500	363,500	
DIV 14	CONVEYING EQUIPMENT	-	-	-	-	
14 24 00	HYDRAULIC ELEVATORS	-	-	105,536	105,536	
14 41 00	OVERHEAD BARRIER LIFTS	-	-	0	0	NONE
DIV 21	FIRE SUPPRESSION	-	-	-	-	
21 10 00	FIRE SUPPRESSION SYSTEMS	-	-	541,460	541,460	
DIV 22	PLUMBING	-	-	-	-	
22 00 00	PLUMBING	-	-	3,166,389	3,166,389	
DIV 23	HVAC	-	-	-	-	
23 00 00	HVAC	-	-	4,442,625	4,442,625	
23 00 10	HVAC FILTER CHANGES	-	7,500	-	7,500	
23 05 00	MEP COORDINATION	12,768	4,746	-	17,514	
23 05 93	TESTING, ADJUSTING & BALANCING	-	-	0	0	BY OWNER
23 08 00	BUILDING COMMISSIONING	-	-	0	0	BY OWNER
DIV 25	INTEGRATED AUTOMATION	-	-	-	-	
25 00 00	INTEGRATED AUTOMATION CONTROL	-	-	0	0	IN ALTERNATE 6A & 6B
DIV 26	ELECTRICAL	-	-	-	-	
26 00 00	ELECTRICAL	-	-	5,520,452	5,520,452	
26 00 05	ROUGH IN/BACK BOXES - LOW VOLTAGE	-	84,519	-	84,519	
26 00 10	PERMANENT POWER START UP	-	135,230	-	135,230	
26 41 00	LIGHTNING PROTECTION	-	-	0	0	IN 26 00 00
DIV 27	COMMUNICATIONS	-	-	-	-	
27 10 00	STRUCTURED CABLING	-	-	404,500	404,500	
27 41 16	INTEGRATED AUDIO-VIDEO SYSTEMS & EQUIPMENT	-	-	235,900	235,900	
27 51 23	INTERCOMMUNICATIONS & PROGRAM SYSTEMS	-	-	129,822	129,822	
27 53 13	WIRELESS CLOCK SYSTEMS	-	-	0	0	IN 27 51 23
DIV 28	ELECTRONIC SAFETY & SECURITY	-	-	-	-	
28 05 44	EMERGENCY REPONDER RADIO ANTENNA SYSTEM	-	-	80,000	80,000	ALLOWANCE
28 13 00	ACCESS CONTROL SYSTEM	-	-	0	0	IN 01 21 05
28 16 00	INTRUSION DETECTION SYSTEM	-	-	31,601	31,601	
28 23 00	VIDEO SURVEILLANCE SYSTEM	-	-	0	0	IN 01 21 05
28 31 00	FIRE DETECTION & ALARM SYSTEM	-	-	186,215	186,215	
28 32 22	ELEVATOR LOBBY EMERGENCY CALL SYSTEM	-	-	11,500	11,500	
DIV 31	EARTHWORK	-	-	-	-	
31 20 00	EARTHWORK	-	-	2,988,265	2,988,265	
31 22 16	FINAL GRADING	-	-	59,054	59,054	
31 23 10	HAUL OFF SPOILS	-	-	440,909	440,909	
31 31 00	SOIL TREATMENT	-	-	13,319	13,319	
31 63 29	DRILLED CONCRETE PIERS & SHAFTS	-	-	86,000	86,000	
DIV 32	EXTERIOR IMPROVEMENTS	-	-	-	-	
32 01 11	CLEAN PAVING & SIDEWALKS	-	33,812	-	33,812	
32 12 16	ASPHALT PAVING	-	-	0	0	NONE
32 13 73	CONCRETE PAVING JOINT SEALANTS	42,257	57,027	-	99,284	
32 13 75	REMOVE STRIP/CLEAN PAVING JOINTS	-	-	39,932	39,932	
32 16 15	BACKFILL CURBS	-	-	14,054	14,054	
32 17 23	PAVEMENT MARKINGS	-	-	54,144	54,144	
32 18 13	SYNTHETIC GRASS SURFACING - FOOTBALL FIELD	-	-	2,375,800	2,375,800	
32 18 15	SYNTHETIC GRASS SURFACING - COURTYARD	-	-	0	0	IN 32 18 13
32 18 23	TENNIS COURT SURFACING	-	-	324,166	324,166	
32 31 00	FENCES & GATES	-	-	311,765	311,765	
32 32 00	RETAINING WALLS	-	-	1,028,979	1,028,979	
32 35 00	SCREENING DEVICES	-	-	0	0	NONE
32 80 00	IRRIGATION	-	-	0	0	IN 32 90 00

EXHIBIT "1"

SECTION	DESCRIPTION	BASE BID				REMARKS
		LABOR	MATERIAL	SUB-BIDS	TOTAL	
32 80 10	IRRIGATION SLEEVES	-	-	9,378	9,378	
32 90 00	LANDSCAPING	-	-	1,375,880	1,375,880	
32 92 00	HYDROMULCH & SOD	-	-	0	0	IN 32 90 00
32 95 00	LANDSCAPE MAINTENANCE	-	-	15,000	15,000	
DIV 33	UTILITIES	-	-	-	-	
33 00 00	SITE UTILITIES	-	-	1,944,888	1,944,888	
35 00 00	PUNCH LIST	11,805	1,935	-	13,740	
	COST SAVING ITEMS				(614,002)	
	SUB TOTAL - COST OF WORK ITEMS	229,509	1,403,493	55,387,983	56,406,983	
	INSURANCE (0.5% OF GMP)				323,801	
	PERMIT - CITY OF CONROE				387,206	
	PAYMENT & PERFORMANCE BONDS				439,791	
	TOTAL - COST OF WORK ITEMS				57,557,781	
	GENERAL CONDITIONS - 2.42%				1,392,898	
	CM FEE - 1.49%				857,611	
	DEDUCT CM FEE ON SELF-PERFORMED WORK ITEMS				(26,552)	
	TOTAL - BASE BID				59,781,738	
	ALTERNATES		AMOUNT	A/R		
	ALTERNATE #1A: WATER COOLED CHILLERS BY TRANE		670,002	R		
	ALTERNATE #1B: WATER COOLED CHILLERS BY CARRIER		670,002	A	670,002	ACCEPTED
	ALTERNATE #2A: COOLING TOWERS BY DELTA T (EVAPCO)		293,277	R		
	ALTERNATE #2B: COOLING TOWERS BY S&S (MARLEY)		289,689	A	289,689	ACCEPTED
	ALTERNATE #3A: AIR COOLED CHILLERS BY TRANE		128,640	R		
	ALTERNATE #3B: AIR COOLED CHILLERS BY CARRIER		145,565	A	145,565	ACCEPTED
	ALTERNATE #4A: AIR HANDLING UNITS BY CARRIER		1,487,148	A	1,487,148	ACCEPTED
	ALTERNATE #4B: AIR HANDLING UNITS BY TRANE		962,902	R		
	ALTERNATE #4C: AIR HANDLING UNITS BY DAIKIN		1,000,348	R		
	ALTERNATE #5A: VARIABLE FREQUENCY DRIVES BY ABB		98,703	A	98,703	ACCEPTED
	ALTERNATE #5B: VARIABLE FREQUENCY DRIVES BY YASKAWA		118,831	R		
	ALTERNATE #6A: DIRECT DIGITAL CONTROLS BY CARRIER		787,440	A	787,440	ACCEPTED
	ALTERNATE #6B: DIRECT DIGITAL CONTROLS BY UNIFY ENERGY SOLUTIONS		855,913	R		
	CONSTRUCTION CONTINGENCY				1,500,000	
	TOTAL - GMP				64,760,286	



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Bid Set Issued August 11, 2023

DOCUMENT 00 01 10

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23 33 33	Access Doors
23 34 16	HVAC Fans
23 36 16	Variable Air Volume Terminal Units
23 37 13	Diffusers, Registers, and Grilles
23 52 16	Condensing Boilers
23 55 33	Gas Fired Unit Heaters
23 64 16	Centrifugal Water Cooled Chillers
23 64 23	Air Cooled Scroll Compressor Chillers
23 65 13	Forced Draft Cooling Tower
23 73 13	Modular Indoor Central Station Air Handling Units
23 74 23	Kitchen Makeup Air Systems (DOAS)
23 81 19	Packaged HVAC Units
23 81 27	Small Capacity Split System Units
23 82 19	Fan Coil Units

DIVISIONS 24 and 25 - Not used.

DIVISION 26 - ELECTRICAL

26 00 00	Electrical
26 05 19	Low-Voltage Electrical Power Conductors and Cables
26 05 26	Grounding and Bonding for Electrical Systems
26 05 33	Raceways and Boxes for Electrical Systems
26 05 53	Identification for Electrical Systems
26 05 73	Power System Studies
26 08 00	Commissioning of Electrical Systems
26 09 13	Electrical Power Monitoring
26 09 16	Electrical Control Components
26 09 18	Laboratory Utility Shut-Off System - Factory Configured
26 09 23	Lighting Control Devices



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26 20 00	Low Voltage Electrical Distribution
26 27 26	Wiring Devices
26 32 13	Engine Generators
26 43 00	Surge Protective Devices
26 50 00	Lighting
26 55 61	Theatrical Lighting (Issued in Addendum 2)
26 56 23	Area Lighting
26 56 68	Exterior Athletic Lighting

DIVISION 27 - COMMUNICATIONS

27 05 00	General Communication Systems Requirements
27 10 30	Data and Telephone Cable Plant
27 41 30	Integrated Audio-Visual Systems
27 51 40	Intercom Communication System

DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

28 05 00	General Electronic Safety and Security System Requirements
28 05 44	Emergency Responder Radio Coverage System
28 31 24	Premises Intruder Alarm System
28 32 22	Elevator Lobby Emergency Call System
28 46 21	Fire Detection and Alarm System (Revised in Addendum 3)

DIVISIONS 29 and 30 - Not used.

DIVISION 31 - EARTHWORK

31 00 00	Earthwork
31 06 20.15	Cement Stabilized Sand
31 06 20.17	Utility Backfill Materials
31 11 00	Clearing and Grubbing
31 22 00	Grading
31 23 16.14	Trench Safety System
31 23 33	Trenching and Backfilling
31 31 00	Soil Treatment
31 63 29	Drilled Concrete Piers

DIVISION 32 - EXTERIOR IMPROVEMENTS

32 01 90	Exterior Landscape Maintenance
32 05 19	Geotextiles for Exterior Improvements
32 11 13.13	Lime-Treated Subgrades
32 11 26	Asphaltic Base Courses
32 11 26.01	Track Flexible Base
32 12 13.13	Tack Coats
32 12 13.19	Prime Coats
32 12 16	Asphalt Paving
32 13 13	Concrete Paving
32 13 13.10	Concrete Pavement Curing
32 13 13.25	Concrete Sidewalks
32 13 73	Concrete Paving Joint Sealants



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32 16 13	Curbs and Gutters
32 17 23	Pavement Markings
32 18 23.29	Natural Practice Field Sport Surfacing
32 18 23.30	Natural Field Topsoil Root Zone
32 18 23.40	Polyurethane Track Surface Base Mat Surface with Modified Structural Spray Coat
32 18 23.59	Synthetic Tennis Court Surfacing (Revised in Addendum 1)
32 18 23.70	Track Striping
32 18 30	Infilled Synthetic Turf System
32 18 31	Synthetic Turf Aggregate Drainage Blanket
32 18 32	Geomembrane Liner
32 18 33	Storm Sewers, Subdrains and Drains for Playing Field
32 31 13.26	Chain Link Fences - Tennis Courts
32 31 15	Vinyl-Clad Chain Link Fencing (Reissued in Addendum 1)
32 31 19	Decorative Metal Fences and Gates
32 35 00	Screening Devices
32 80 00	Landscape Irrigation
32 90 00	Landscape Planting
32 91 13.13	Topsoil Placement and Grading
32 92 00	Turf and Grasses
32 92 13	Hydro-Mulching
32 92 23	Sodding

DIVISION 33 - UTILITIES

33 05 13	Manholes and Structures
33 05 13.13	Manhole Grade Adjustment
33 05 16.13	Precast Concrete Utility Structures
33 05 16.16	Concrete for Utility Construction
33 06 10.14	Polyvinyl Chloride (PVC) Pipe
33 06 10.15	Ductile Iron Pipe and Fittings
33 06 40.10	HDPE Solid and Profile Wall Pipe
33 06 40.11	Reinforced Concrete Pipe
33 11 00	Water Utility Distribution Piping
33 12 13.10	Tapping Sleeves and Valves
33 12 13.12	Wet Connections
33 12 16	Water Utility Distribution Valves
33 12 19	Water Utility Distribution Fire Hydrants
33 12 40	Valve Boxes, Meter Boxes, and Meter Vaults
33 13 00	Disinfecting of Water Utility Distribution
33 13 00.10	Hydrostatic Testing of Pipelines
33 31 00	Sanitary Utility Sewerage Piping
33 31 00.10	Acceptance Testing for Sanitary Sewers
33 41 00	Storm Utility Drainage Piping
33 49 13	Storm Drainage Manholes, Frames, and Covers

DIVISION 34 through 49 - Not used.



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LIST OF DRAWINGS (Dated 08/11/2023)

SHEET NO. SHEET NAME

ARCHITECTURAL

COVER	COVER
INDEX 1	GENERAL NOTES ABBREVIATIONS
INDEX 2	INDEX

CIVIL

C0.00	COVER SHEET
C0.01	GENERAL NOTES
C1.01	SITE LAYOUT (SHEET 1 OF 6)
C1.02	SITE LAYOUT (SHEET 2 OF 6) (Reissued in Addendum 3)
C1.03	SITE LAYOUT (SHEET 3 OF 6) (Reissued in Addendum 3)
C1.04	SITE LAYOUT (SHEET 4 OF 6) (Reissued in Addendum 3)
C1.05	SITE LAYOUT (SHEET 5 OF 6) (Reissued in Addendum 3)
C1.06	SITE LAYOUT (SHEET 6 OF 6)
C1.07	DEMOLITION PLAN (SHEET 1 OF 6)
C1.08	DEMOLITION PLAN (SHEET 2 OF 6)
C1.09	DEMOLITION PLAN (SHEET 3 OF 6)
C1.10	DEMOLITION PLAN (SHEET 4 OF 6)
C1.11	DEMOLITION PLAN (SHEET 5 OF 6)
C1.12	DEMOLITION PLAN (SHEET 6 OF 6)
C2.01	GRADING PLAN (SHEET 1 OF 6)
C2.02	GRADING PLAN (SHEET 2 OF 6)
C2.03	GRADING PLAN (SHEET 3 OF 6)
C2.04	GRADING PLAN (SHEET 4 OF 6) (Reissued in Addendum 3)
C2.05	GRADING PLAN (SHEET 5 OF 6)
C2.06	GRADING PLAN (SHEET 6 OF 6)
C3.01	STORM SEWER PLAN (SHEET 1 OF 6)
C3.02	STORM SEWER PLAN (SHEET 2 OF 6) (Labeled as C1.02)
C3.03	STORM SEWER PLAN (SHEET 3 OF 6) (Reissued in Addendum 3)
C3.04	STORM SEWER PLAN (SHEET 4 OF 6) (Reissued in Addendum 3)
C3.05	STORM SEWER PLAN (SHEET 5 OF 6) (Reissued in Addendum 1)
C3.06	STORM SEWER PLAN (SHEET 6 OF 6)
C3.07	DRAINAGE AREA MAP (SHEET 1 OF 6)
C3.08	DRAINAGE AREA MAP (SHEET 2 OF 6)
C3.09	DRAINAGE AREA MAP (SHEET 2 OF 6)
C3.10	DRAINAGE AREA MAP (SHEET 4 OF 6)
C3.11	DRAINAGE AREA MAP (SHEET 5 OF 6)
C3.12	DRAINAGE AREA MAP (SHEET 6 OF 6)
C3.13	STORM WATER POLLUTION PREVENTION PLAN (SHEET 1 OF 6)
C3.14	STORM WATER POLLUTION PREVENTION PLAN (SHEET 2 OF 6)
C3.15	STORM WATER POLLUTION PREVENTION PLAN (SHEET 3 OF 6)
C3.16	STORM WATER POLLUTION PREVENTION PLAN (SHEET 4 OF 6)
C3.17	STORM WATER POLLUTION PREVENTION PLAN (SHEET 5 OF 6)
C3.18	STORM WATER POLLUTION PREVENTION PLAN (SHEET 6 OF 6)
C3.19	DETENTION POND LAYOUT
C3.20	STORM SEWER & DETENTION CALCULATIONS



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LIST OF DRAWINGS (Dated 08/11/2023)

C4.01	WATER & SANITARY SEWER PLAN (SHEET 1 OF 6)
C4.02	WATER & SANITARY SEWER PLAN (SHEET 2 OF 6)
C4.03	WATER & SANITARY SEWER PLAN (SHEET 3 OF 6) (Reissued in Addendum 1)
C4.04	WATER & SANITARY SEWER PLAN (SHEET 4 OF 6) (Reissued in Addendum 3)
C4.05	WATER & SANITARY SEWER PLAN (SHEET 5 OF 6)
C4.06	WATER & SANITARY SEWER PLAN (SHEET 6 OF 6)
C5.01	PAVEMENT JOINTING PLAN (SHEET 1 OF 4) (Issued in Addendum 1)
C5.02	PAVEMENT JOINTING PLAN (SHEET 2 OF 4) (Issued in Addendum 1)
C5.03	PAVEMENT JOINTING PLAN (SHEET 3 OF 4) (Issued in Addendum 1)
C5.04	PAVEMENT JOINTING PLAN (SHEET 4 OF 4) (Issued in Addendum 1)
C6.01	TRACK & FIELD DIMENSIONAL SITE LAYOUT (Reissued in Addendum 1)
C6.02	SYNTHETIC TURF FIELD SUBGRADE GRADING PLAN
C6.03	TRACK & SYNTHETIC TURF DRAINAGE STONE GRADING PLAN
C6.04	SYNTHETIC TURF SUBDRAIN DRAINAGE PLAN (Reissued in Addendum 1)
C6.05	ATHLETIC DETAILS (SHEET 1 OF 4) (Reissued in Addendum 2)
C6.06	ATHLETIC DETAILS (SHEET 2 OF 4) (Reissued in Addendum 2)
C6.07	ATHLETIC DETAILS (SHEET 3 OF 4) (Reissued in Addendum 2)
C6.08	ATHLETIC DETAILS (SHEET 4 OF 4) (Issued in Addendum 2)
C7.01	PAVING DETAILS
C7.02	STORM SEWER DETAILS
C7.03	WATER LINE DETAILS
C7.04	SANITARY SEWER DETAILS
C7.05	STORM WATER POLLUTION PREVENTION DETAILS

TENNIS COURTS

ST-1	NOTES
ST-2	TENNIS COURTS OVERALL SLAB PLAN
ST-3	TENNIS COURTS SLAB TENDON LAYOUT PLAN
ST-4	TENNIS COURTS SLAB SECTIONS AND DETAILS

RETAINING WALLS

W0	COVER SHEET
W1A	WALL 1A ELEVATIONS (Revised in Addendum 1)
W1B	WALL 1B ELEVATIONS (Revised in Addendum 1)
W2	WALL 2 ELEVATIONS (Revised in Addendum 1)
W3	SECTIONS AND DETAILS
W4	SECTIONS AND DETAILS

LANDSCAPE

L1.01	LANDSCAPE PLAN
L1.02	LANDSCAPE PLAN
L1.03	LANDSCAPE PLAN
L1.04	TREE SURVEY / EXISTING TREES
L1.05	LANDSCAPE DETAILS
L2.01	IRRIGATION PLAN (Issued in Addendum 1)
L2.02	LANDSCAPE PLAN (Issued in Addendum 1)
L2.03	IRRIGATION PLAN (Issued in Addendum 1)
L2.04	IRRIGATION DETAILS (Issued in Addendum 1)



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LIST OF DRAWINGS (Dated 08/11/2023)

ARCHITECTURAL

A0.01	LIFE SAFETY PLAN - LEVEL ONE
A0.02	LIFE SAFETY PLAN - LEVEL TWO
A0.03	CODE REVIEW (Reissued in Addendum 1)
A0.10	FIRE PROTECTION PLAN - LEVEL ONE
A0.20	FIRE PROTECTION PLAN - LEVEL TWO
A0.31	TEXAS ACCESSIBILITY STANDARDS REQUIREMENTS
A1.01	DEMO SITE PLAN
A1.11	ARCHITECTURAL SITE PLAN (Reissued in Addendum 3)
A1.21	ENLARGED ARCHITECTURAL SITE PLANS (Revised in Addendum 2)
A1.31	ARCHITECTURAL SITE PLAN DETAILS (Reissued in Addendum 1)
A1.32	ARCHITECTURAL SITE PLAN DETAILS (Reissued in Addendum 3)
A1.40	TICKET BUILDING PLANS AND DETAILS
A1.41	BLEACHER PLAN AND DETAILS
A2.11	ORIENTATION PLAN - LEVEL ONE
A2.11A	FLOOR PLAN - LEVEL ONE - UNIT A
A2.11B	FLOOR PLAN - LEVEL ONE- UNIT B (Reissued in Addendum 3)
A2.11C	FLOOR PLAN - LEVEL ONE - UNIT C (Reissued in Addendum 2)
A2.11D	FLOOR PLAN - LEVEL ONE - UNIT D
A2.11E	FLOOR PLAN - LEVEL ONE - UNIT E
A2.11F	FLOOR PLAN - LEVEL ONE - UNIT F
A2.12	ORIENTATION PLAN - LEVEL TWO
A2.12A	FLOOR PLAN - LEVEL TWO - UNIT A
A2.12D	FLOOR PLAN - LEVEL TWO - UNIT D
A2.12E	FLOOR PLAN - LEVEL TWO - UNIT E
A2.12F	FLOOR PLAN - LEVEL TWO - UNIT F
A2.14	CLERESTORY PLANS
A2.15	COURT STRIPING PLAN AND DETAILS
A2.21	PARTITION & LOCKER TYPES (Revised in Addendum 2)
A2.22	PARTITION DETAILS
A2.31	ENLARGED TOILET PLANS (Reissued in Addendum 2)
A2.32	ENLARGED TOILET PLANS
A2.33	ENLARGED TOILET PLANS DETAILS
A2.41	ENLARGED STAIR PLANS & SECTIONS
A2.42	ENLARGED STAIR PLANS & SECTIONS
A2.43	ENLARGED RAMP & ELEVATOR PLANS
A2.51	EXTERIOR PLAN DETAILS
A2.53	MISCELLANEOUS DETAILS
A3.00	OVERALL EXTERIOR ELEVATIONS
A3.01	EXTERIOR ELEVATIONS
A3.02	EXTERIOR ELEVATIONS
A3.03	EXTERIOR ELEVATIONS
A3.04	EXTERIOR ELEVATIONS (Reissued in Addendum 2)
A3.11	EXTERIOR DETAILS
A3.21	INTERIOR ELEVATIONS
A3.22	INTERIOR ELEVATIONS (Reissued in Addendum 1)
A3.23	INTERIOR ELEVATIONS (Reissued in Addendum 1)



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LIST OF DRAWINGS (Dated 08/11/2023)

A3.24	INTERIOR ELEVATIONS (Reissued in Addendum 1)
A3.25	INTERIOR ELEVATIONS
A3.26	INTERIOR ELEVATIONS (Reissued in Addendum 1)
A3.27	INTERIOR ELEVATIONS
A3.28	INTERIOR ELEVATIONS
A3.29	INTERIOR ELEVATIONS
A3.31	INTERIOR ELEVATION DETAILS (Revised in Addendum 3)
A4.01	BUILDING SECTIONS
A4.10	BUILDING ASSEMBLY TYPES (Reissued in Addendum 3)
A4.11	WALL SECTIONS - TYP. CLASSROOMS
A4.12	WALL SECTIONS - UNIT A
A4.13	WALL SECTIONS - UNIT B & C (Reissued in Addendum 1)
A4.14	WALL SECTIONS & DETAILS - INTERIOR
A4.20	ASSEMBLY DETAILS - BKS
A4.21	ASSEMBLY DETAILS - BKS
A4.22	ASSEMBLY DETAILS
A4.23	ASSEMBLY DETAILS
A4.24	ASSEMBLY DETAILS - BKC (Revised in Addendum 2)
A4.25	ASSEMBLY DETAILS (Revised in Addendum 2)
A4.26	ASSEMBLY DETAILS - MWS
A4.27	ASSEMBLY DETAILS
A4.28	ASSEMBLY DETAILS (Revised in Addendum 2)
A4.29	ASSEMBLY DETAILS
A4.30	ASSEMBLY DETAILS (Revised in Addendum 2)
A4.31	ASSEMBLY DETAILS
A5.01	OVERALL ROOF PLAN (Reissued in Addendum 1)
A5.02	ENLARGED CANOPY PLANS AND SECTIONS
A5.03	CANOPY DETAILS
A5.04	ROOF DETAILS
A6.11A	REFLECTED CEILING PLAN - LEVEL ONE - UNIT A
A6.11B	REFLECTED CEILING PLAN - LEVEL ONE - UNIT B (Reissued in Addendum 2)
A6.11C	REFLECTED CEILING PLAN - LEVEL ONE - UNIT C
A6.11D	REFLECTED CEILING PLAN - LEVEL ONE - UNIT D
A6.11E	REFLECTED CEILING PLAN - LEVEL ONE - UNIT E
A6.11F	REFLECTED CEILING PLAN - LEVEL ONE - UNIT F
A6.12A	REFLECTED CEILING PLAN - LEVEL TWO - UNIT A (Reissued in Addendum 2)
A6.12D	REFLECTED CEILING PLAN - LEVEL TWO - UNIT D
A6.12E	REFLECTED CEILING PLAN - LEVEL TWO - UNIT E
A6.12F	REFLECTED CEILING PLAN - LEVEL TWO - UNIT F
A6.31	REFLECTED CEILING PLAN - DETAILS (Reissued in Addendum 2)
A7.01	DOOR SCHEDULE
A7.02	DOOR FRAMES, DOOR TYPES, DETAILS
A7.11	GRAPHIC DETAILS
A7.12	GRAPHICS DETAILS & EXT. SIGNAGE PLAN
A7.13A	SIGNAGE PLAN LEVEL ONE - UNIT A
A7.13B	SIGNAGE PLAN LEVEL ONE - UNIT B
A7.13C	SIGNAGE PLAN LEVEL ONE - UNIT C
A7.13D	SIGNAGE PLAN LEVEL ONE - UNIT D



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A7.13E	SIGNAGE PLAN LEVEL ONE - UNIT E
A7.13F	SIGNAGE PLAN LEVEL ONE - UNIT F
A7.14D	SIGNAGE PLAN LEVEL TWO - UNIT D
A7.14E	SIGNAGE PLAN LEVEL TWO - UNIT E
A7.14F	SIGNAGE PLAN LEVEL TWO - UNIT F & A
A7.21	EXTERIOR GLAZING ASSEMBLY ELEVATIONS
A7.22	EXTERIOR GLAZING ASSEMBLY ELEVATIONS
A7.23	EXTERIOR GLAZING ASSEMBLY ELEVATIONS
A7.24	INTERIOR GLAZING ASSEMBLY ELEVATIONS
A7.31	GLAZING ASSEMBLY DETAILS
A8.01	CASEWORK ELEVATIONS
A8.02	CASEWORK ELEVATIONS
A8.03	SCIENCE ELEVATIONS
A8.04	MILLWORK PLANS & ELEVATIONS
A8.05	MILLWORK DETAILS
A9.01	MATERIAL FINISH SCHEDULES (Reissued in Addendum 3)
A9.02	ROOM FINISH SCHEDULE
A9.11	OVERALL INTERIOR FINISH PLAN - LEVEL ONE
A9.11A	INTERIOR FINISH PLAN - LEVEL ONE - UNIT A (Reissued in Addendum 3)
A9.11B	INTERIOR FINISH PLAN - LEVEL ONE - UNIT B
A9.11C	INTERIOR FINISH PLAN - LEVEL ONE - UNIT C
A9.11D	INTERIOR FINISH PLAN - LEVEL ONE - UNIT D
A9.11E	INTERIOR FINISH PLAN - LEVEL ONE - UNIT E
A9.11F	INTERIOR FINISH PLAN - LEVEL ONE - UNIT F
A9.12	OVERALL INTERIOR FINISH PLAN - LEVEL TWO
A9.12A	INTERIOR FINISH PLAN - LEVEL TWO - UNIT A
A9.12D	INTERIOR FINISH PLAN - LEVEL TWO - UNIT D (Reissued in Addendum 3)
A9.12E	INTERIOR FINISH PLAN - LEVEL TWO - UNIT E (Reissued in Addendum 3)
A9.12F	INTERIOR FINISH PLAN - LEVEL TWO - UNIT F (Reissued in Addendum 3)

FOOD SERVICE

QF1	FS DRAWING INDEX & GENERAL COORDINATION NOTES
QF1.0	FS EQUIPMENT PLAN
QF1.1	FS FACILITY MODEL
QF1.2	FS EQUIPMENT MODEL
QF1.3	FS SPECIAL CONDITIONS / MECH PLAN
QF1.4	FS PLUMBING PLAN
QF1.5	FS ELECTRICAL PLAN
QF1.6	FS EXHAUST HOODS
QF1.6A	MeLink System
QF1.7	FS CONDENSING UNITS
QF1.8	FS ELEVATIONS
QF2.0	FS DETAILS
QF2.1	FS DETAILS
QF2.2	FS SECTIONS & DETAILS

STRUCTURAL

S1.01	GENERAL NOTES (Reissued in Addendum 1)
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LIST OF DRAWINGS (Dated 08/11/2023)

S1.02	GENERAL NOTES, ABBREVIATIONS, SYMBOLS, AND SHEET INDEX
S1.10	3D CONCEPTUAL
S2.00	OVERALL FOUNDATION PLAN
S2.01A	FOUNDATION PLAN - UNIT A
S2.01B	FOUNDATION PLAN - UNIT B
S2.01C	FOUNDATION PLAN - UNIT C
S2.01D	FOUNDATION PLAN - UNIT D
S2.01E	FOUNDATION PLAN - UNIT E
S2.01F	FOUNDATION PLAN - UNIT F
S2.10	OVERALL SECOND FLOOR AND LOW ROOF FRAMING PLAN
S2.10A	SECOND FLOOR AND LOW ROOF FRAMING PLAN - UNIT A
S2.10D	SECOND FLOOR & ROOF FRAMING PLAN - UNIT D (Reissued in Addendum 3)
S2.10E	SECOND FLOOR & ROOF FRAMING PLAN - UNIT E (Reissued in Addendum 3)
S2.10F	SECOND FLOOR & ROOF FRAMING PLAN - UNIT F (Reissued in Addendum 3)
S2.20	OVERALL ROOF FRAMING PLAN
S2.20A	ROOF FRAMING PLAN - UNIT A
S2.20B	ROOF FRAMING PLAN - UNIT B (Reissued in Addendum 3)
S2.20C	ROOF FRAMING PLAN - UNIT C (Reissued in Addendum 1)
S2.20D	ROOF FRAMING PLAN - UNIT D
S2.20E	ROOF FRAMING PLAN - UNIT E
S2.20F	ROOF FRAMING PLAN - UNIT F
S3.01	FOUNDATION DETAILS
S3.02	FOUNDATION DETAILS
S3.03	FOUNDATION DETAILS
S3.04	FOUNDATION DETAILS (Reissued in Addendum 2)
S3.05	FOUNDATION DETAILS
S3.06	SITE FOUNDATION DETAILS
S3.10	TICKET BOOTH FOUNDATION PLAN, ROOF PLAN AND DETAILS
S3.11	COOLING TOWER FOUNDATION PLAN, ROOF PLAN AND DETAILS (Reissued in Addendum 2)
S4.01	TYPICAL STEEL FRAMING DETAILS WIDE FLANGE CONNECTIONS
S4.02	HSS COLUMN CONNECTIONS
S4.03	STEEL FRAMING DETAILS MOMENT CONNECTIONS - WIDE FLANGE COLUMNS
S4.04	TYPICAL STEEL FRAMING DETAILS
S4.05	STEEL JOIST DETAILS
S4.06	STEEL CANOPY FRAMING DETAILS
S4.07	ELEVATOR FRAMING DETAILS
S5.01	COMPOSITE FLR DET W/ WIDE FLANGE COLUMN
S5.02	COMPOSITE FLR. DET. W/ WIDE FLANGE COL.
S5.03	COMPOSITE FLOOR DETAILS
S6.01	STEEL ROOF FRAMING DETAILS
S6.02	ROOF FRAMING DETAILS
S6.03	ROOF FRAMING DETAILS
S6.04	ROOF FRAMING DETAILS
S7.01	TYPICAL CMU WALL DETAILS
S7.02	CMU WALL DETAILS
S7.03	NON-LOAD BEARING CMU WALL DETAILS
S8.01	BRACE ELEVATIONS



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LIST OF DRAWINGS (Dated 08/11/2023)

S8.02	BRACE ELEVATIONS
S8.03	TYPICAL BRACE DETAILS

MECHANICAL

MH2.11A	MECHANICAL FLOOR PLAN - LEVEL ONE - UNIT A
MH2.11B	MECHANICAL FLOOR PLAN - LEVEL ONE - UNIT B
MH2.11C	MECHANICAL FLOOR PLAN - LEVEL ONE - UNIT C
MH2.11D	MECHANICAL FLOOR PLAN - LEVEL ONE - UNIT D
MH2.11E	MECHANICAL FLOOR PLAN - LEVEL ONE - UNIT E
MH2.11F	MECHANICAL FLOOR PLAN - LEVEL ONE - UNIT F
MH2.12A	MECHANICAL FLOOR PLAN - LEVEL TWO - UNIT A
MH2.12D	MECHANICAL FLOOR PLAN - LEVEL TWO - UNIT D
MH2.12E	MECHANICAL FLOOR PLAN - LEVEL TWO - UNIT E
MH2.12F	MECHANICAL FLOOR PLAN - LEVEL TWO - UNIT F
MH5.11	ENLARGED MECHANICAL VIEWS
MH5.12	ENLARGED MECHANICAL VIEWS
MH5.13	MECHANICAL ENLARGED FLOOR PLAN- KITCHEN
MH5.14	MECHANICAL KITCHEN DETAILS AND SCHEDULES
MH6.11	MECHANICAL ROOF PLAN
MH7.11	MECHANICAL DETAILS, NOTES AND SYMBOLS
MH7.12	MECHANICAL DETAILS
MH7.13	MECHANICAL DETAILS
MH7.14	MECHANICAL DETAILS
MH7.15	MECHANICAL DETAILS
MH7.16	MECHANICAL DETAILS
MH7.17	MECHANICAL DETAILS
MH8.11	MECHANICAL SCHEDULES
MH8.12	MECHANICAL SCHEDULES
MH8.13	MECHANICAL SCHEDULES

MECHANICAL PIPING

MP2.11A	MECHANICAL PIPING FLOOR PLAN - LEVEL ONE - UNIT A
MP2.11B	MECHANICAL PIPING FLOOR PLAN - LEVEL ONE - UNIT B (Reissued in Addendum 3)
MP2.11C	MECHANICAL PIPING FLOOR PLAN - LEVEL ONE - UNIT C
MP2.11D	MECHANICAL PIPING FLOOR PLAN - LEVEL ONE - UNIT D
MP2.11E	MECHANICAL PIPING FLOOR PLAN - LEVEL ONE - UNIT E
MP2.11F	MECHANICAL PIPING FLOOR PLAN - LEVEL ONE - UNIT F
MP2.12D	MECHANICAL PIPING FLOOR PLAN - LEVEL TWO - UNIT D
MP2.12E	MECHANICAL PIPING FLOOR PLAN - LEVEL TWO - UNIT E
MP2.12F	MECHANICAL PIPING FLOOR PLAN - LEVEL TWO - UNIT F

ELECTRICAL

ES1.11	ELECTRICAL SITE PLAN (Reissued in Addendum 1)
ES1.12	PHOTOMETRIC SITE PLAN
EP2.11A	ELECTRICAL FLOOR PLAN - LEVEL ONE - UNIT A (Reissued in Addendum 3)
EP2.11B	ELECTRICAL FLOOR PLAN - LEVEL ONE - UNIT B (Reissued in Addendum 2)
EP2.11C	ELECTRICAL FLOOR PLAN - LEVEL ONE - UNIT C (Reissued in Addendum 2)
EP2.11D	ELECTRICAL FLOOR PLAN - LEVEL ONE - UNIT D

DUROTECH

BUILDERS OF INTEGRITY

Willis I.S.D. – Middle School No. 3

LIST OF DRAWINGS (Dated 08/11/2023)

EP2.11E	ELECTRICAL FLOOR PLAN - LEVEL ONE - UNIT E
EP2.11F	ELECTRICAL FLOOR PLAN - LEVEL ONE - UNIT F
EP2.12A	ELECTRICAL FLOOR PLAN - LEVEL TWO - UNIT A
EP2.12D	ELECTRICAL FLOOR PLAN - LEVEL TWO - UNIT D
EP2.12E	ELECTRICAL FLOOR PLAN - LEVEL TWO - UNIT E
EP2.12F	ELECTRICAL FLOOR PLAN - LEVEL TWO - UNIT F
EP5.11	ELECTRICAL ENLARGED FLOOR PLAN - KITCHEN & CONSESSION (Reissued in Addendum 2)
EP5.12	ELECTRICAL ENLARGED PLANS - ELECTRICAL, MDF, & IDF ROOMS
EP5.13	ELECTRICAL ENLARGED PLANS - CENTRAL PLANT & MECH. YARD
EP6.11	ELECTRICAL ROOF PLAN
EP7.11	ELECTRICAL DETAILS, SYMBOLS, & GENERAL NOTES
EP7.12	ELECTRICAL DETAILS
EP7.13	ELECTRICAL DETAILS
EP7.14	ELECTRICAL DETAILS
EP7.15	ELECTRICAL DETAILS
EP8.11	ELECTRICAL PANLEBOARD SCHEDULES
EP8.12	ELECTRICAL PANLEBOARD SCHEDULES
EP8.13	ELECTRICAL PANLEBOARD SCHEDULES
EP8.14	ELECTRICAL PANLEBOARD SCHEDULES
EP8.15	ELECTRICAL PANLEBOARD SCHEDULES
EP8.16	ELECTRICAL PANLEBOARD SCHEDULES
EP8.17	ELECTRICAL PANLEBOARD SCHEDULES
EP9.11	ELECTRICAL RISER DIAGRAM (Reissued in Addendum 2)
EP9.12	ELECTRICAL RISER DIAGRAM

LIGHTING

EL2.11A	LIGHTING CEILING PLAN - LEVEL ONE - UNIT A
EL2.11B	LIGHTING CEILING PLAN - LEVEL ONE - UNIT B
EL2.11C	LIGHTING CEILING PLAN - LEVEL ONE - UNIT C
EL2.11D	LIGHTING CEILING PLAN - LEVEL ONE - UNIT D
EL2.11E	LIGHTING CEILING PLAN - LEVEL ONE - UNIT E
EL2.11F	LIGHTING CEILING PLAN - LEVEL ONE - UNIT F
EL2.12A	LIGHTING CEILING PLAN - LEVEL TWO - UNIT A
EL2.12D	LIGHTING CEILING PLAN - LEVEL TWO - UNIT D
EL2.12E	LIGHTING CEILING PLAN - LEVEL TWO - UNIT E
EL2.12F	LIGHTING CEILING PLAN - LEVEL TWO - UNIT F
EL5.11B	THEATRICAL LIGHTING CEILING PLAN - LEVEL ONE - UNIT B
EL7.11	LIGHTING GENERAL NOTES, SYMBOLS & DETAILS
EL7.12	LIGHTING DETAILS
EL7.13	LIGHTING CONTROLS CHART
EL8.11	LIGHTING COMCHECK & LUMINAIRE SCHEDULE

PLUMBING

PS1.11	PLUMBING SITE PLAN (Reissued in Addendum 1)
PL2.11A	PLUMBING FLOOR PLAN - LEVEL ONE - UNIT A (Reissued in Addendum 1)
PL2.11B	PLUMBING FLOOR PLAN - LEVEL ONE - UNIT B (Reissued in Addendum 3)
PL2.11C	PLUMBING FLOOR PLAN - LEVEL ONE - UNIT C (Reissued in Addendum 3)



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LIST OF DRAWINGS (Dated 08/11/2023)

PL2.11D	PLUMBING FLOOR PLAN - LEVEL ONE - UNIT D
PL2.11E	PLUMBING FLOOR PLAN - LEVEL ONE - UNIT E
PL2.11F	PLUMBING FLOOR PLAN - LEVEL ONE - UNIT F
PL2.12A	PLUMBING FLOOR PLAN - LEVEL TWO - UNIT A
PL2.12D	PLUMBING FLOOR PLAN - LEVEL TWO - UNIT D (Reissued in Addendum 3)
PL2.12E	PLUMBING FLOOR PLAN - LEVEL TWO - UNIT E (Reissued in Addendum 3)
PL2.12F	PLUMBING FLOOR PLAN - LEVEL TWO - UNIT F (Reissued in Addendum 3)
PL5.12	PLUMBING ENLARGED FLOOR PLAN - KITCHEN DOMESTIC WATER (Reissued in Addendum 2)
PL5.13	PLUMBING ENLARGED FLOOR PLAN - KITCHEN WASTE (Reissued in Addendum 3)
PL6.11	PLUMBING ROOF PLAN
PL7.11	PLUMBING DETAILS, SYMBOLS AND GENERAL NOTES
PL7.12	PLUMBING DETAILS
PL7.13	PLUMBING DETAILS
PL7.14	PLUMBING RISERS
PL8.11	PLUMBING SCHEDULE (Reissued in Addendum 3)

FIRE ALARM

FA2.11A	FIRE ALARM FLOOR PLAN - LEVEL ONE - UNIT A (Reissued in Addendum 1)
FA2.11B	FIRE ALARM FLOOR PLAN - LEVEL ONE - UNIT B (Reissued in Addendum 1)
FA2.12A	FIRE ALARM FLOOR PLAN - LEVEL TWO - OVERALL (Reissued in Addendum 1)
FA7.11	FIRE ALARM DETAILS AND SYMBOLS

TECHNOLOGY

ET2.11A	ELECTRICAL COMMUNICATIONS FLOOR PLAN -LEVEL ONE - UNIT A
ET2.11B	ELECTRICAL COMMUNICATIONS FLOOR PLAN -LEVEL ONE - UNIT B
ET2.11C	ELECTRICAL COMMUNICATIONS FLOOR PLAN -LEVEL ONE - UNIT C
ET2.11D	ELECTRICAL COMMUNICATIONS FLOOR PLAN -LEVEL ONE - UNIT D
ET2.11E	ELECTRICAL COMMUNICATIONS FLOOR PLAN -LEVEL ONE - UNIT E
ET2.11F	ELECTRICAL COMMUNICATIONS FLOOR PLAN -LEVEL ONE - UNIT F
ET2.12A	ELECTRICAL COMMUNICATIONS FLOOR PLAN -LEVEL TWO - UNIT A
ET2.12D	ELECTRICAL COMMUNICATIONS FLOOR PLAN -LEVEL TWO - UNIT D
ET2.12E	ELECTRICAL COMMUNICATIONS FLOOR PLAN -LEVEL TWO - UNIT E
ET2.12F	ELECTRICAL COMMUNICATIONS FLOOR PLAN -LEVEL TWO - UNIT F
ET7.11	ELECTRICAL COMMUNICATIONS DETAILS & SYMBOLS
ET7.12	ELECTRICAL COMMUNICATIONS DETAIL

FIRE PROTECTION

FP2.11	FIRE PROTECTION PLAN - LEVEL ONE (Reissued in Addendum 3)
FP2.12	FIRE PROTECTION PLAN - LEVEL TWO (Reissued in Addendum 1)



Willis I.S.D. – Middle School No. 3

LIST OF ADDENDA

1. Addendum No. 1
2. Addendum No. 2
3. Addendum No. 3

Issued on September 1, 2023
Issued on September 8, 2023
Issued on September 12, 2023



Willis I.S.D. – Middle School No. 3

QUALIFICATIONS & ASSUMPTIONS

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

1. Excluded is Material Testing.
2. Excluded are MUD Fees, MUD Inspection Fees and Tap fees.
3. Excluded are Utility Assessment & Impact Fees.
4. Utility Company agreements (terms and conditions), easements and coordination which will serve as the termination point for Durotech to make connections for building service shall be the responsibility of the Owner and Design Team (Architect/MEP Engineer). Durotech will assist the Owner and Design Team in coordinating the activities with the Utility Company(s).
5. Offsite Utility Extension Fees, Utility District Connection Fees to on-site utilities shall be the responsibility of the Owner.
6. The Construction Contingency shall be in accordance with the AIA A133 Section 3.2.4 and any other contingency references shall be consistent with that AIA A133 Section 3.2.4.

DIVISION 01 – GENERAL REQUIREMENTS

7. Section 01 56 19 Tree Protection and Care:
 - (para 1.3): Excluded is para 1.3 in its entirety. Included is tree protection fence for trees to remain. Excluded is the replacing of any trees and any related fees.
 - (para 3.1): Excluded is maintenance of trees to remain.
8. Section 01 57 19 Temporary Environmental Controls: Excluded is any ground water control systems, well-point systems, eductor and ejector-type systems, deep wells, and piezometers or monitoring wells.
9. Section 01 77 00 Closeout Procedures (para 1.3.C): Excluded are re-inspection fees as noted in para 1.3.C.

DIVISION 02 – EXISTING CONDITIONS

10. Excluded is the removal and/or encapsulation of any and all asbestos, lead and other hazardous materials. The removal and/or encapsulation of all asbestos, lead and other hazardous materials will be the responsibility of the Owner and all costs of testing will be paid by the Owner.

DIVISION 03 – CONCRETE



Willis I.S.D. – Middle School No. 3

QUALIFICATIONS & ASSUMPTIONS

11. Section 03 11 00 Concrete Forming and Accessories (para 3.2.A) – Excluded is this paragraph in its entirety. Excluded are fully formed grade beams. Included are earth formed grade beams with the top 6" of exterior grade beams to be formed and accompanied by lime fly ash stabilization (35 lb. per sq. yd) of top 6" of the building pad.
12. Excluded are any void forms. Included is slab on grade over building pad select fill.
13. Excluded is geofoam for Stage Platform concrete.
14. Cast-In-Place Concrete: Excluded is moist curing for concrete as per paragraph 8 under concrete on sheet ST-1. All concrete will be cured with the use of curing compound.

DIVISION 04 – MASONRY

DIVISION 05 – METALS

15. Excluded is any galvanizing of structural steel members in enclosed unconditioned space areas of the building.
16. Excluded are HILTI brand deck fasteners.
17. Section 05 31 00 Steel Decking (para 2.2.D): Excluded is acoustical steel decking. Roof Decking at main school building to be BV-22 ga. (G-90 galv) Metal Roof Deck. Roof Deck at Ticket Booth to be B-22 ga. (G-90 galv.) Metal Roof Deck.
18. Section 05 50 00 Metal Fabrications:
 - Aluminum Ships Ladder (para 3.4.J): Excluded are aluminum ships ladder as none are shown in the drawings.
 - Downspouts (para 3.4.Q): Downspouts to be in 24 gauge prefinished steel in manufacturer's standard colors as noted.
 - Metal Column Covers (para 3.4.W): Excluded are column covers as none are shown in the drawings.
19. Section 05 73 13 Decorative Metal Railings (para 2.1.A): Included are Guardrails and Handrails as manufactured by Gulf Coast Railings.

DIVISION 06 – WOOD, PLASTICS, AND COMPOSITES

20. Section 06 40 00 Architectural Woodwork (para 2.4.A): Included are display cases manufactured by Platinum Visual Systems.



Willis I.S.D. – Middle School No. 3

QUALIFICATIONS & ASSUMPTIONS

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

21. Section 07 18 13 Pedestrian Traffic Coating: Excluded is this specification section in its entirety.
22. Section 07 21 00 Building Insulation (para 2.5): Excluded is rigid insulation at platform floor, as none is shown in the drawings.
23. Included is spray foam insulation only at exterior soffit overhangs at level one.

DIVISION 08 – OPENINGS

24. Section 08 14 23 Plastic Laminate Faced Wood Doors: Included is Wilsonart #7964k-12 Skyline Walnut plastic laminate for doors.
25. Section 08 33 13 Coiling Counter Doors (para 2.2): Excluded are Fire Rated Coiling Counter Doors as none are shown in the drawings.
26. Section 08 34 73 Sound Control Door Assemblies: Excluded is this specification section in its entirety.
27. Section 08 36 13 Sectional Overhead Doors (para 2.1.A): Included are sectional overhead doors as manufactured by Clopay (Model 904UW5 and Model 904).
28. Section 08 51 16 Pass Window: Excluded is this specification section in its entirety.
29. Section 08 80 00 Glazing: Included is field applied 14 mil security film (post frame installation) as per specification section 08 87 53. Excluded is factory installed security film.

DIVISION 09 – FINISHES

30. Section 09 54 23 Linear Metal Ceilings: Included are Linear Metal Ceilings (LMC01 & LMC02) as manufactured by Certain Teed (Model: Box series Woodlook).
31. Material Finish Schedule (A9.01): Wall Tile T-03, T-07, T-08 & T-09 is based on 12" X 24" tile. Wall Tile T-06 is based on 6" X 24" tile.
32. Section 09 67 23 Resinous Flooring (para 2.1, 2.2): Included is Resinous Flooring as manufactured by Sherwin Williams (Resuflor Screed Deco-Quartz).
33. Section 09 72 16 Vinyl Coated Fabric Wall Covering:
 - (para 2.1.B) Excluded is Vinyl Wall Covering on Folding Panel Partitions as there are no folding panel partitions shown in the project.
 - (para 2.1.A) Included is an allowance of \$105,000 for Custom Digital Wall Coverings.



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QUALIFICATIONS & ASSUMPTIONS

DIVISION 10 – SPECIALTIES

34. Section 10 11 16 Markerboards and Tackboards (para 2.2): Included are sliding tackboards as manufactured by Platinum Visual Systems.
35. Section 10 12 00 Display Cases (para 2.1): Included are display cases as manufactured by Platinum Visual Systems.
36. Section 10 26 13 Corner Guards: Included are corner guards (CG-1) only where marked in the drawings (A9.11A). Excluded are corner guards at any other locations.
37. Section 10 14 00 Identifying Devices: Included are signs and dimensional letters/logos as manufactured by South Texas Graphic Specialties, Inc.
38. Included is an allowance of \$10,000 for 3D Metal Logo and Signs (WG-02).
39. Section 10 82 13 Exterior Grilles and Screens: Excluded is this specification section in its entirety.
40. Section 10 99 00 Miscellaneous Specialties (para 2.1.E): Excluded is para 2.1.E (Chain Hoist) in its entirety.

DIVISION 11 – EQUIPMENT

41. Section 11 31 00 Appliances:
 - (para 2.2.A) Dishwasher: Included is Dishwasher Model GE GDT670SYVFS in lieu of GE GLDT696JSS as the model is discontinued.
 - (para 2.2.B) Electric Range: Included is Electric Range Model Whirlpool WGE745C0FS in lieu of WEE510S0F as the model is discontinued.
 - (para 2.2.D) Excluded is exhaust vent, as none is shown in the drawings.
 - (para 2.2.F) Undercounter Refrigerator: Included is Undercounter Refrigerator Model U-Line UACR115SS01A in lieu of U-Line 1175R as the model is discontinued.
 - (para 2.2.H) Excluded is undercounter ice maker, as none is shown in the drawings.
 - (para 2.2.I) Clothes Washer: Included is Clothes Washer Model Whirlpool WFW560CHW in lieu of Whirlpool Model No. WFW7590FW.
 - (para 2.2.J) Clothes Dryer: Included is Clothes Dryer Model Whirlpool WED6605MC in lieu of Whirlpool Model No. WED7590FW.
 - (para 2.2.K) Commercial Washer: Included is commercial washer Model Continental CG-RMG055P110211100 in lieu of Unmac US060.



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QUALIFICATIONS & ASSUMPTIONS

- (para 2.2.L) Commercial Dryer: Included is commercial dryer Model Continental CG-KT075NNN0RXX6W00 in lieu of Unmac 075.
- (para 2.2.M) Ice Maker: Included is Icemaker Model Manitowac IYT0450WI6I in lieu of Indigo Series Model IY-0505W.

DIVISION 12 – FURNISHINGS

42. Section 12 35 53.19 Wood Laboratory Casework and Equipment (para 2.1): Included is Laboratory Casework as manufactured by ICI Scientific-Campbell Rhea.

DIVISION 14 – CONVEYING EQUIPMENT

DIVISION 21 – FIRE SUPPRESSION

43. We assume that there will be adequate water supply with sufficient pressure available for the proper functioning of fire sprinkler systems and other systems.
44. Excluded is any fire sprinkler system at exterior canopies and/or porch areas/exterior overhangs.

DIVISION 22 – PLUMBING

45. Excluded is pea gravel embedment for underground pipes. Included is cement stabilized sand/bank sand for underground pipes.
46. The following are the allowances included for plumbing fixture material not shown on the plumbing fixture schedule:
- Qty (2) A-3 water closet located in coaches restroom = \$300.00 per each
 - Qty (2) B-3 lavatories located in the coaches restroom = \$380.00 per each
 - Qty (1) K-3 shower located in the coaches restroom = \$720.00 per each
47. Included is Clinic Sink (Mark G14) as scheduled on Plumbing fixtures for sinks marked G15 on the plans.

DIVISION 23 – HVAC

48. Excluded is haul-off of HVAC flushed water. The flushed water of HVAC system will be drained into the sanitary lines.
49. Section 23 05 93 Testing, Adjusting and Balancing for HVAC: Testing, Adjusting and Balancing for HVAC to be by owner. Included is coordination with the TAB agency appointed by the owner.



Willis I.S.D. – Middle School No. 3

QUALIFICATIONS & ASSUMPTIONS

- 50. Section 23 08 00 Commissioning of Heating, Ventilating and Air Conditioning (HVAC): Commissioning of all systems to be by owner. Included is coordination with the Commissioning agency appointed by the owner.
- 51. Excluded is any duct cleaning. Duct ends will be covered during construction phase.
- 52. Above Ceiling Coordination is limited to minor adjustment to routing of Piping, Conduit runs and ductwork. It does not include changes in equipment, duct and pipe sizes related to design changes of the systems or transitional changes required by conflicts. BIM modeling requiring such changes will be an extra to the modeling services provided by Durotech and its Subcontractors and cost of work items related to such changes.

DIVISION 26 – ELECTRICAL

- 53. Section 26 00 00 Electrical (para 3.7 & 3.8): Excluded are any conduits and/or raceways for Division 27 & 28 cabling traveling through plenum or other environmental air space as noted in paragraph 3.7 & 3.8.

DIVISION 27 – COMMUNICATIONS

- 54. All network switches to be Owner furnished/Owner Installed.
- 55. Section 27 41 30 Integrated Audio-Visual Systems: All Projectors, Flat Screens and related mounts to be Owner Furnished and Owner Installed.

DIVISION 28 –ELECTRONIC SAFETY & SECURITY

DIVISION 31 – EARTHWORK

- 56. Included is on-site select fill for building pad, football field and tennis courts. Excluded is blended select fill and/or imported select fill.
- 57. Excluded is steel casing or slurry drilling of piers. Included are drilled piers.

DIVISION 32 – EXTERIOR IMPROVEMENTS

- 58. Section 32 18 23.29 Natural Practice Field Sport Surfacing: Excluded is this specification section in its entirety.
- 59. Included is Hydroseeding, 6" thick Rootzone and Irrigation for the Practice Field. Excluded are any line markings/logos for the Practice Field.
- 60. Section 32 18 23.59 Synthetic Tennis Court Surfacing: Included is two-color Laykold Colorcoat acrylic tennis court surface.



Willis I.S.D. – Middle School No. 3

QUALIFICATIONS & ASSUMPTIONS

61. Section 32 35 00 Screening Devices: Excluded is this specification section in its entirety.
62. Included is topsoil generated from existing striping at detention pond, hydroseed and solid sod areas.
63. Areas that receive Hydromulch will not be warranted for developing full turf grass. Owner understands that Hydro-mulch is a 2 season maintenance program requiring continuous maintenance including watering and fertilizer by the Owner. Areas that are not irrigated will not be warranted for grass or plant development and sustainability. Any temporary irrigation requirement by the contract will only be warranted to such date the temporary irrigation is removed.

DIVISION 33 – UTILITIES



Willis I.S.D. – Middle School No. 3

ALLOWANCE SCHEDULE

1. Construction Contingency	\$1,500,000
2. Owner's Technology Allowance	\$220,000
3. Moisture Control Allowance	\$259,670
4. Custom Digital Wall Covering Allowance	\$105,000
5. 3D Metal Logo (WG-02) Sign Allowance	\$10,000
6. Emergency Responder Radio Antenna System Allowance	\$80,000

DUROTECH

BUILDERS OF INTEGRITY

Willis I.S.D. – Middle School No. 3

SELF PERFORMED WORK ITEMS

The following scope items will be self-performed by Durotech, Inc. in accordance with the contract documents (A133-2019 & A201-2017).

- | | |
|--|-------------------------|
| 1. <i>Install Owner Furnished Contractor Installed Items (OFCI)</i> | \$5,746.00 |
| Labor to install the following items: | |
| a) Soap Dispensers | 92 EA |
| b) Paper Towel Dispensers | 77 EA |
| c) Toilet Tissue Dispensers | 55 EA |
|
2. <i>Demolition</i> |
\$65,338.00 |
| Labor and equipment to demolish items listed on sheets C1.08, C1.09, C1.10, C1.12, A1.01. Excludes demolition of site utilities. | |
|
3. <i>Install Miscellaneous Steel</i> |
\$289,693.00 |
| Labor to unload/distribute and/or install the following items: | |
| 1. Guardrails | 801 LF |
| 2. Handrails (Floor Mtd) | 52 LF |
| 3. Handrails (Wall Mtd.) | 47 LF |
| 4. Roof-Roof Ladders | 3 EA |
| 5. Roof Hatch Ladders | 4 EA |
| 6. Bollards | 5 EA |
| 7. Lintels | 3,714 LF |
| 8. Roof Drain Frames | 60 EA |
| 9. Hatch Frame | 4 EA |
| 10. Roof Top AHU Frames | 21 EA |
| 11. Roof Exhaust Fan Frames | 30 EA |
| 12. Condensing Unit Frames | 7 EA |
| 13. Canopy Brackets | 38 EA |
| 14. Elevator Pit Ladder | 1 EA |
| 15. Sump Pit Frame | 1 EA |
| 16. Sump Pit Grating | 1 EA |
| 17. Elevator Sill Angle | 8 LF |
| 18. Coiling Door Steel Tube | 471 LF |
| 19. Gauge Angle at openings | 7,067 LF |
| 20. Gauge Angles at Parapet | 3,746 LF |
|
4. <i>Install Metal Nosing's</i> |
\$4,275.00 |
| Labor to unload/distribute/install Metal Nosing's (100 EA). | |
|
3. <i>Rough Carpentry</i> |
\$675,193.00 |
| Labor and Material to install wood blocking at Parapet, Exterior Openings, Interior Blocking at Fire Extinguisher cabinets, toilet accessories, toilet compartments, I.T. room, Plywood behind TV mounts, behind Casework. | |
|
4. <i>Furnish and Install FRP Panels</i> |
\$6,785.00 |

DUROTECH

BUILDERS OF INTEGRITY

Willis I.S.D. – Middle School No. 3

SELF PERFORMED WORK ITEMS

Labor & materials to install FRP panels behind mop sinks in janitor rooms

- 5. *Unload & distribute Metal Doors & Frames* **\$12,305.00****
 Labor to unload, inventory & distribute Hollow Metal Door Frames (144 EA), Hollow Metal Window Frames (15 EA) and Hollow Metal Doors (18 LVS)
- 6. *Unload & distribute Plastic Laminate Faced Wood Doors* **\$14,883.00****
 Labor to unload, inventory & distribute Plastic Laminate Faced Wood Doors (211 LVS)
- 7. *Access Doors* **\$5,960.00****
 Labor and material to install Access Doors (29 EA).
- 8. *Unload & distribute Door Hardware* **\$12,266.00****
 Labor to unload, inventory & create safe storage for door hardware. Distribute as needed for installation (313 SETS)
- 9. *Floor Preparation* **\$73,511.00****
 Labor and materials to:
 a) Remove any laitance from the concrete slab on grade.
 b) Clean & remove any mortar, residue off the floor in preparation for final floor finishes.
 c) Cutting/coring/patching any holes in concrete slab.
- 10. *Floor Protection* **\$51,968.00****
 Labor and materials to install floor protection at Porcelain Tile Floor, Carpet Flooring, Walk-Off Carpet Flooring, LVT Flooring, Dance Room Flooring, Rubber Modular Athletic Flooring, Resilient Wood Flooring, Hardwood Flooring.
- 11. *Install Knox Box* **\$771.00****
 Labor & materials to unload/distribute/install Knox Box (Qty: 1 EA)
- 12. *Final Grading* **\$59,054.00****
 Labor & equipment to uniformly fine grade site areas within limits of grading to the finish grade elevations as shown on the Civil Drawings. Dress and grade areas adjacent to building lines to drain away from structures.
- 13. *Haul-Off Spoils* **\$440,909.00****
 Labor & equipment to haul-off spoils generated from concrete, site utilities, and MEP scopes of work on site.
- 14. *Remove Strip/Clean Paving Joints* **\$39,932.00****
 Labor to:
 a) Remove top strip of expansion joints in concrete paving & sidewalks.
 b) Clean paving & sidewalk expansion joints of debris & dirt before caulking.

**Willis I.S.D. – Middle School No. 3****SELF PERFORMED WORK ITEMS****15. Backfill curbs****\$14,054.00**

Labor to place fill soil to the back of the curb to the finish grade elevations as shown on the Civil drawings, compact as necessary, and clean any residual soils pushed over the curb.

16. Install Irrigation Sleeves**\$9,378.00**

Labor and materials to install irrigation sleeves (559 LF, 30 Curb Markers).

TOTAL BASE BID (SELF PERFORMED WORK ITEMS) =	\$1,782,021.00
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DUROTECH

BUILDERS OF INTEGRITY

Willis I.S.D. – Middle School No. 3

UNIT PRICES

A] UNIT PRICE NO. 1

	SIZE	EXTRA	CREDIT
120V duplex receptacle on nearest capable circuit.	each	\$126.75	(\$105.00)

B] UNIT PRICE NO. 2

	SIZE	EXTRA	CREDIT
120V duplex receptacle on dedicated circuit, including 20-amp circuit breaker and 200 feet of pathway to panelboard.	each	\$1,268.00	(\$1,056.00)

C] UNIT PRICE NO. 3

	SIZE	EXTRA	CREDIT
Single data drop, flush mounted in wall j-box with 1-1/4", terminated at wall and patch panel, labeled, tested, conduit stubbed up wall to above ceiling and 200 feet of cabling.	each	\$629.00	(\$507.00)

D] UNIT PRICE NO. 4

	SIZE	EXTRA	CREDIT
1,000 square yards of bermudagrass sod on prepared soil, with maintenance, including watering, for three months past substantial completion.	each	\$12,305.00	(\$10,034.00)

E] UNIT PRICE NO. 5

	SIZE	EXTRA	CREDIT
1,000 square yards of bermudagrass hydromulch on prepared soil, with maintenance, including watering, for three months past substantial completion.	each	\$7,103.00	(\$4,753.00)

F] UNIT PRICE NO. 6

	SIZE	EXTRA	CREDIT
Cubic yard of excavation of dirt or caliche, excluding trucking off site.	each	\$4.49	(\$2.96)

G] UNIT PRICE NO. 7

	SIZE	EXTRA	CREDIT
Cubic yard of excavation of rock, excluding trucking off site.	each	\$73.93	(\$0.00)

H] UNIT PRICE NO. 8

	SIZE	EXTRA	CREDIT
Cubic yard of backfilling, meeting fill requirements of construction documents. From off-site sources, compacted in lifts as required by construction documents.	each	\$70.76	(\$45.42)

I] UNIT PRICE NO. 9

SIZE	EXTRA	CREDIT
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DUROTECH

BUILDERS OF INTEGRITY

Willis I.S.D. – Middle School No. 3

UNIT PRICES

Pound of reinforcing steel, straight or bent, place and tied, including accessories.

	each	\$0.96	(\$0.37)
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J] UNIT PRICE NO. 10

Cubic yard structural concrete, off the truck, no pumping, placement, or finishing.

	SIZE	EXTRA	CREDIT
	each	\$156.31	(\$136.25)

K] UNIT PRICE NO. 11

Additional Lime-Flyash treated subgrade.

	SIZE	EXTRA	CREDIT
	each	\$1.75	(\$1.11)

L] UNIT PRICE NO. 12

Square foot of concrete paving.

	UNIT	EXTRA	CREDIT
	6 " thick	\$6.43	(\$3.85)
	7 " thick	\$6.46	(\$3.87)



Willis I.S.D. – Middle School No. 3

COST SAVING ITEMS

COST SAVING ITEMS INCLUDED IN GMP

The following cost saving items have been accepted by the Owner and the Design Team and are included in the GMP pricing.

	DESCRIPTION	SECTION	DEDUCT
1	60 mil PVC Fleeceback in lieu of 80 mil PVC Fleeceback at Kitchen Areas	07 53 00	\$(16,400)
2	Delete 4" topsoil and use existing striping's at Hydromulch areas	DIV 32	\$(421,005)
3	2" thick topsoil at Sod Areas in Lieu of 4" topsoil	DIV 32	\$(11,597)
4	ALUMINUM FEEDERS DEDUCT – Includes converting all feeders from the Entergy transformer up to the First 480V panelboard after the MSB Main and MSB Cent Switchgear – Primary and Secondary Wiring From 480/208-120V Transformer Systems remains in copper.	DIV 26	\$(130,000)
5	SET SCREW FITTINGS IN LIEU OF COMPRESSION – supplying Set screw connectors w/ insulated throat and set screw couplings on the interior air-conditioned space – this VE has been presented as a credit and accepted with the school district on past projects	Div 26	\$(35,000)
	SUB TOTAL		\$(614,002)