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ADDENDUM

February 12, 2019

ADDENDUM # 4

Bid 19C4, Urbana Elementary School Replacement – Construction Stage II

REVISED DUE DATE & TIME: FCPS Main Lobby, Tuesday, February 26, 2019, prior to and time stamped no later than 1:00 P.M.

This addendum is being issued to provide additions, corrections, clarifications and answers to certain questions raised referencing the original bid packages and any resultant contracts for the above bid.

1. This Addendum includes the following attachment(s):
 - a. Oak Contracting, LLC - Addendum No. 4 (5 pages)
 - b. Grimm and Parker – Addendum No. 4 (7 pages)

Thank you for your interest in bidding with Frederick County Public Schools and we apologize for any inconvenience this may have caused.

Sincerely,

Kim Miskell

Kim Miskell, CSBO,
Assistant Purchasing Manager

km/ab

pc: Bradley Ahalt, Senior Project Manager, Construction Management
Dave Toth PM, Oak Contracting
Don Porter, Grimm & Parker



ADDENDUM NO. 4

February 12, 2019

TO: ALL PLANHOLDERS AND PROSPECTIVE BIDDERS

RE: **URBANA ELEMENTARY SCHOOL REPLACEMENT**

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated January 10, 2019. Acknowledge receipt of this Addendum in the space provided on the Form of Proposal.

See attached Oak Contracting Pre-Bid RFI's numbered PB-054R and 058 for response to questions related to the Bid Documents (4 pages).

Changes to the Specifications:

Section 00 24 16 Contract Packages

Contract Package 5A Steel:

Add Item 2.42:

- 2.42 5A Contractor is responsible for all structural support steel required for the Cast Aluminum letters at the front entrance canopy. 5A Contractor shall coordinate with 6A Contractor for details and engineering. 6A Contractor shall furnish and install the Cast Aluminum letters for the front entrance canopy. This direction supersedes any other reference in the Contract Documents.

Contract Package 6A General Carpentry:

Add Item 2.75:

- 2.75 5A Contractor is responsible for all structural support steel required for the Cast Aluminum letters at the front entrance canopy. 5A Contractor shall coordinate with 6A Contractor for details and engineering. 6A Contractor shall furnish and install the Cast Aluminum letters for the front entrance canopy. This direction supersedes any other reference in the Contract Documents.

Contract Package 9A Drywall and Acoustics:

Add Item 2.41:

- 2.41 9A Contractor is responsible to furnish and install Structural Thermal Break as indicated in Specification Section 05 40 00.



Request For Information ST2 PB-054

Urbana Elementary School Replacement
3554 Urbana Pike
Frederick, Maryland 21704

Project # 1707
Tel: Fax:

RFI #: ST2 PB-054		Date Created: 2/7/2019	
Answer Company	Answered By	Author Company	Authored By
Grimm + Parker Architects 11720 Beltsville Drive Suite 600 Calverton, MD 20705	Don Porter Phone: 240-965-0713 Fax: 301-595-0089	Oak Contracting, LLC 3400 Stone Barn Drive Frederick, MD 21704	Anthony Kukowski Phone: 410-828-1000 Fax: 410-828-7488
Co-Respondent		Author RFI Number	

Subject	Discipline	Category
Additional 2A Clarifications	Civil	
Cc: Company Name	Contact Name	Copies Notes

Question	Date Required: 2/13/2019
Please review the following questions received from Waynesboro Construction and provide response:	

1. Soft Play Area RFI's:
 - a. The specs say we are to provide Rubber Tile at the Pre-K soft play area. Are we to provide the specified mulch at the other two play areas?
 - b. At the Pre-K Rubber Tile - will the subbase be asphalt or stone? What will the curbing edge be (concrete, timber, etc.)? This area is a radius and the timbers will not work. Rubber edging can be used with a 8" asphalt or concrete mow strip. Please clarify. Detail 10/C-3C will not work with the rubber. (see next question)
 - c. Please note - rubber tile material is a 2'x2' square with "egg crate" bottom for support. These tiles should not be cut to fit curvy areas. Can the "soft play area" be square or rectangular?
 - d. Are we to use Detail 10/C-3C for the other two soft play areas?
 - e. Addendum # 2 replaced the 32 30 10 - Modular Playground Equipment specification. In doing this, the plans showing the actual equipment was removed from the project documents. Please provide the updated layouts and clarify which of the areas shown on the plans are to be the Primary and Intermediate areas. The Addendum # 2 provided specification is more of a design spec in lieu of a job specific spec. The area sizes referenced in the "Space Requirements" do not match the sizes of these areas on the C-3A & C-3B site plans.
2. What are the limits of the controlled fill shown on the profile sections on plan C-4J? Confirm these are the only areas outside the building footprint plus 10' that require select fill.
3. Sheet C-1A: Using the 40 scale bar: Along the south side the 40' gas easement along the property line the easement scales 44'. Along the north side the 10' Frederick gas easement scales 12'. Please provide plans with the proper scale.
4. Sheet C-1B: Using the 40 scale bar: Along the south west side the 50' reservation for transportation easement along the property line the easement scales 57'. Please provide plans with the proper scale.
5. Now that the Sequence of Construction on Plan C-2E has changed to allow for Phase 1 Building Pad Area to start prior to the traps being on-line, we need to know what Phase 1 Building Pad Area is to determine if we need to haul in or haul off extra material due to this phasing.
6. Plan C-1B: Clarify exactly what has to be done with the existing septic field. Having reviewed the Frederick County Health Dept. Standards, no true removal plan is addressed. Several places refer to abandonment, but nothing concrete. Please clarify the intent for bidding purposes.
7. Addendum # 2 Plan A-0.5: The total count shown for the benches and trash cans shown, do not match the locations provided on this print. Confirm we are to price based on the "total" quantity shown and not the actual count. Also, several locations show a pad under the benches and trash cans where no concrete is shown on Plan C-3A. Are we to provide a

sidewalk type pad at these locations?

8. Revised Previous 1/29/19 question: Sequence of Construction on C-2E: Line Item # 7 (which is #8 on Addendum # 2 Plan): We are to block off the incoming pipes from HM-48 (Typo previously asked about MH-8). MH-48 does not exist. Should it be plug off MH-42 from I-50?

9. Addendum # 2 Plans C-2A & C-2B: All notes referring back to the C-2E Sequence of Construction: All the references to the Sequence of Construction Note #'s need to be checked and corrected to the latest version of the Sequence of Construction. They did not match prior to the Addendum # 2 changes and are more differences now.

Suggestion

Answer

Date Answered:

1. Fibar is required at other play areas. Sub base has been clarified by Addendum 3. All edges of surfacing abut to concrete sidewalk. All specified Manufacturer's show this product used in with curved edges. If this is not possible, please explain Manufacturer's own displays. See previous RFI response regarding sizes.
2. Per Oak, Refer to the 2A scope items for fill requirements.
3. Sheet has been replaced in Addendum 3.
4. Sheet has been replaced in Addendum 3.
5. This is the Contractor's responsibility to determine.
6. Per Oak, this will be clarified in Addendum 3.
7. Quantity matches what is shown. Provide quantity as noted. Items shown outside of concrete areas shall have foundations as required by manufacturer.
8. See Addendum 4.
9. See Addendum 4.



Request For Information ST2 PB-058

Urbana Elementary School Replacement
3554 Urbana Pike
Frederick, Maryland 21704

Project # 1707
Tel: Fax:

RFI #: ST2 PB-058		Date Created: 2/7/2019	
Answer Company	Answered By	Author Company	Authored By
Grimm + Parker Architects 11720 Beltsville Drive Suite 600 Calverton, MD 20705	Don Porter Phone: 240-965-0713 Fax: 301-595-0089	Oak Contracting, LLC 3400 Stone Barn Drive Frederick, MD 21704	Anthony Kukowski Phone: 410-828-1000 Fax: 410-828-7488
Co-Respondent		Author RFI Number	

Subject	Discipline	Category
5A Clarifications	Architectural	
Cc: Company Name	Contact Name	Copies Notes

Question	Date Required: 2/14/2019
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Please review the following questions received from Kinsley Construction and provide response:

- 1) In regard to detail E18/A-5., are abrasive nosings required for any interior stairs?
- 2) Details E12, E18 and K9/A-5.3 are for intermediate handrails. Intermediate rails don't appear to be shown on any of the stairs, where does this apply?
- 3) Please confirm that lintels, for openings in load bearing cmu walls will be steel angles (unless tagged as beam lintels) and not precast masonry.
- 4) Exterior handrails and guardrails were changed to aluminum in Addendum 2. Please provide spec for finish.
- 5) In regard to the interior stairs in mechanical areas, nothing is indicated otherwise but please confirm the following:
 - a. The handrails are stainless steel.
 - b. There are (2) handrails, one at 3'-1" and one at 2'-2" (from fin. Fl.).
- 6) In regard to the Exterior Mechanical Room Stair, is 19w4 bar grating acceptable for this application or are ADA compliant gratings per Spec 055119-2.6-C. required?
- 7) In regard to the Screen Wall Structure and Gate listed in spec 05 50 00-2.17:
 - a. Is this the gate shown at the generator/transformer enclosure on A6 & K18/A-0.6?
 - b. I don't see a screen wall structure matching the spec referenced above. Where does it occur?
 - c. Per our understanding of spec 2A-2.55 and 5A-2.34, this gate would be in 2A's scope of work. Is that correct or is it in 5A's scope of work?
- 8) In regard to the 1/4" continuous plate at the top of the cmu parapet wall (e.g. A6 & A10/A-1.12, etc.), there is no means or methods of attachment shown. Please provide information on the type, minimum embedment and spacing of the anchors 5A contractor is to include for 4A contractor to use in installation of these plates.
- 9) In regard to the 1/4" continuous plate at head, sills and jambs attaching to cfmf or cmu (e.g. A6, A12, E6, E18/A-3.7, A6, A12, E6/A-3.8, J18, J6 & A6/A3.9, A6 & E6/A3.10, etc.):

- a. There is no means or methods of attachment shown. Please provide information on the type, minimum embedment and spacing of the anchors 5A contractor is to include for 9A contractor to use in installation of these plates.
- b. Some of these details have a note stating that this plate "shall be engineered for storefront system design loads":
 - i. Which contractor is responsible for this engineering?
 - ii. What is the design criteria for all applications?
- c. Some of these details show a "6"x4"x1/2" structural thermal break material at points of attachment":
 - i. Which contractor is responsible for supplying this?
 - ii. We are assuming that this would not be steel, what is the material?

10) What is the material shown on E6/A-3.11,

11) In regard to sections 11 & 12/S-4.2, these only appear to be cut on drawing S-1.5 (on col. Line N on either side of col. Line 14). These sections agree with A8/A-4.5 (cut on A-1.5). A18/A-4.4 (also cut on col. Line N on drawing A-1.5) doesn't call out a "steel tube per struct dwgs" as A8/A-4.5 does. Our conclusion is that the HSS 6x3x1/4, show on 11 & 12/S-4.2, is only required at two SF1 and is not required at any other storefronts. Is this correct?

12) Confirm that aluminum clip angles (e.g. A6/A-3.11) are considered "incidentals required for a complete installation" as assigned to 15A contractor in 15A-2.01.

13) There are details showing 2x12 bolted to bent plate (e.g. G10 & G13/A-06). What is this plate and which contractor is responsible?

Suggestion

Answer

Date Answered:

1. Per Oak, interior nosings are provided by others. The nosings at interior Stairs are integral to the resinous coating.
2. Intermediate railings are not required for this project.
3. Per Oak, see contract scope of work for responsibility. Refer to lintel schedule on Structural drawings for lintel types and sizes.
4. Aluminum finish to be clear anodized.
5. All interior handrails are stainless steel. For bidding purposes, double rails should be assumed unless noted otherwise.
6. Per Oak, provide materials per referenced specification section.
7. Oak to determine scope. Gates are chain link fencing. All other information is included in documents or Addenda. Per Oak, the referenced gate is the responsibility of the 2A Contractor.
8. Bridge plate to be welded to deck.
 - 9a. Coordinate with 8A Contractor for type and spacing of anchors.
9. 9b. i, ii. Angles as shown are to be provided per 5A scope item 2.38. If 8A uses this angle for attachment, the 8A Contractor is responsible for any engineering.
 - 9c. i. The 9A Contractor is responsible to furnish and install the referenced thermal breaks.
 - 9c. ii. See Addendum 4.
10. If the question is in regards to the ? material, this is the transition membrane.
11. Detail is required at all storefronts on Col. line N between Col. lines 0.1' & 4'.
12. Per Oak, the referenced aluminum angles are the responsibility of the 15A contractor.
13. Per Oak, the referenced details cannot be found on A0.6.



February 12, 2019

**URBANA ELEMENTARY SCHOOL REPLACEMENT
BID PACKAGE
ADDENDUM NO. 4
21740.00**

TO THE CONTRACT DRAWINGS AND SPECIFICATIONS FOR THE REFERENCED PROJECT, DATED JANUARY 10, 2019, AS PREPARED BY GRIMM AND PARKER ARCHITECTS, 11720 BELTSVILLE DRIVE, SUITE 600, CALVERTON, MARYLAND 20705.

This Addendum includes changes and clarifications to the Contract Documents. The information includes the following:

SPECIFICATION ITEMS:

- | | |
|---------------------------------------|--|
| ITEM NO. 1:
054000-4
ADD | SECTION 05 40 00 COLD-FORMED METAL FRAMING
Part 2
2.6 STRUCTURAL THERMAL BREAK <ul style="list-style-type: none">A. Basis-of-Design Manufacturer: Armatherm, 4 Middle Street, Fairhaven, MA 02719. Tel: 844-360-1036. Email: sales@armatherm.com. Web: www.armatherm.com.<ul style="list-style-type: none">1. Other Manufacturers: Fabreeka International, Inc.B. Structural Thermal Break Material: Reinforced thermoset resin with the following attributes:<ul style="list-style-type: none">1. Compressive Strength - ASTM D638: 40,000 psi.2. Compressive Modulus - ASTM D695: 673,400 psi.3. Shear Strength - ASTM D732: 16,000 psi.4. Thermal Conductivity - ASTM C518: 1.05 BTU in/ hr sf degree F.5. Coefficient of Thermal Expansion - ASTM E831: 2.2 x 10e-6 in/in/degree F.6. Thermal Resistance (R value) - ASTM C518: 0.95 hr sf degree F/ BTU.7. Surface Burning Characteristics - ASTM E84:<ul style="list-style-type: none">a. Flame Spread: 25 (class A).b. Smoke Developed: 50 (class A).8. Accessories: Reinforced thermoset resin bushings and washers as applicable to location. Washers shall be minimum 0.25 inch thick. Bushing and washer to provide thermal break between steel washer/bolt and internal structural steel.9. Thickness: As indicated on the Drawings.C. Structural Performance: Provide structural thermal break material at exterior steel to interior steel or any framing connection that bypasses the continuous insulation. Provide structural thermal break material and connections capable of withstanding and/or transferring the following design loads:<ul style="list-style-type: none">1. Shear, moment and wind loads as indicated.2. Design structural thermal break to allow for fabrication and construction tolerances, accommodate live load deflection, shrinkage and creep of the building structure and other building movements as required by the structural drawings. Maintain structural steel deflections per AISC 360. |
|---------------------------------------|--|

Grimm + Parker Architects

11720 Beltsville Dr, Ste #600
Calverton, MD 20705
Tel: 301.595.1000

Visit online at grimmandparker.com

Calverton Tysons Charlottesville



ITEM NO. 2: SECTION 27 51 23 INTEGRATED TELECOMMUNICATIONS SYSTEM
275123-16 Paragraph 2.1
SUBSTITUTE D. Analog Clocks: Provide battery operated analog clocks. Clocks are not required to interface with the master clock system. Clocks to be Uline H-1436 or equal, and shall include batteries at the time of installation.

DRAWING ITEMS: **CIVIL**

ITEM NO. C1: SHEET C-2A EROSION AND SEDIMENT CONTROL PLAN
SUBSTITUTE This sheet in its entirety with revised sheet included in this Addendum.
REVISE Sheet sequence callout notes numbers updated.

ITEM NO. C2: SHEET C-2B EROSION AND SEDIMENT CONTROL PLAN
SUBSTITUTE This sheet in its entirety with revised sheet included in this Addendum.
REVISE Sheet sequence callout notes numbers updated.

ITEM NO. C3: SHEET C-2E EROSION AND SEDIMENT CONTROL DETAILS
SUBSTITUTE This sheet in its entirety with revised sheet included in this Addendum.
REVISE Sequence of Construction.

DRAWING ITEMS: **ARCHITECTURAL**

ITEM NO. A1: SHEET A-1.1 PARTIAL FIRST FLOOR PLAN – AREA A
ADD 16” diameter Column cover at columns J:13 (Room A120) and J:14 (Room A116).

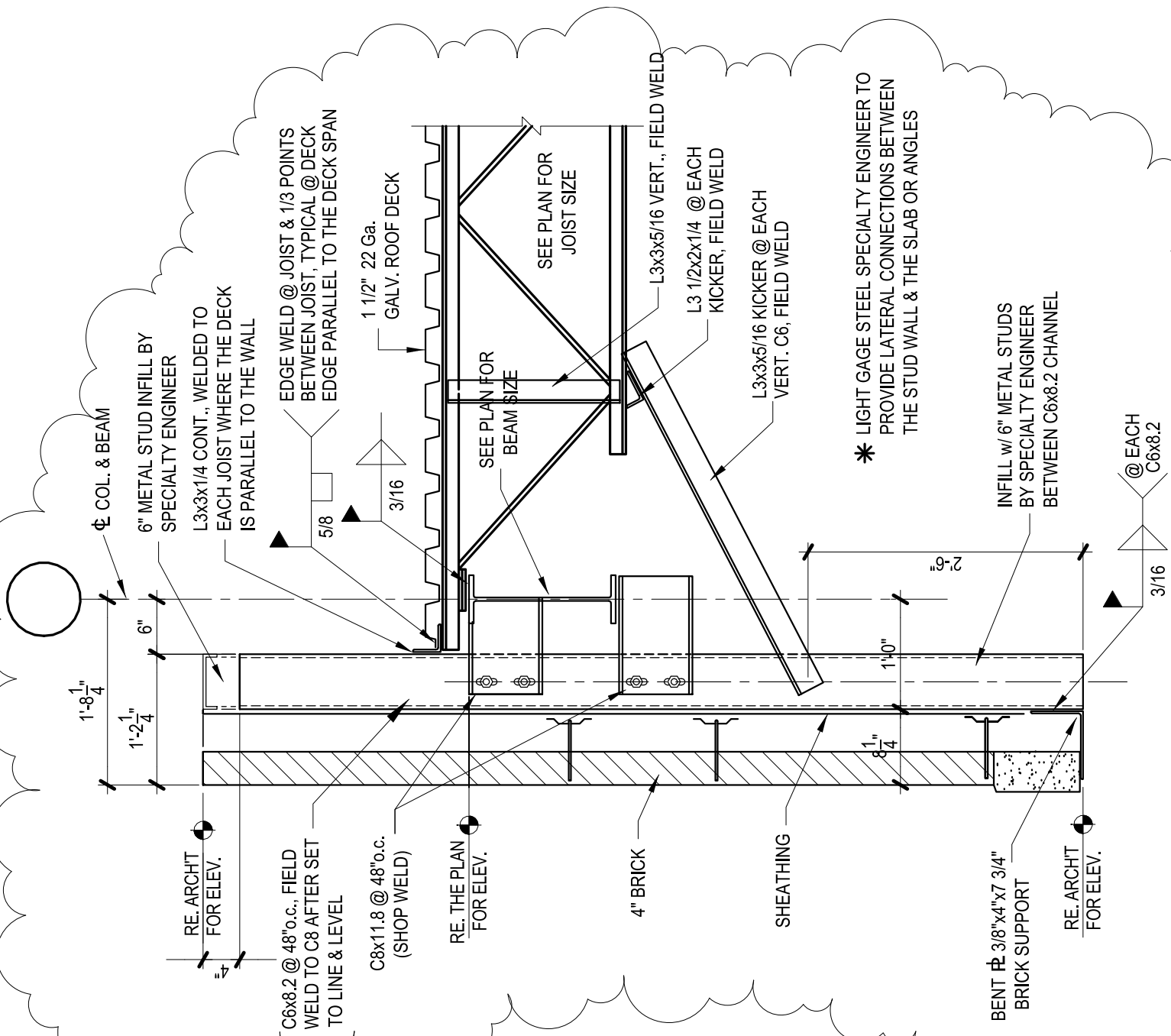
ITEM NO. A2: SHEET A-1.2 PARTIAL FIRST FLOOR PLAN – AREA B
ADD 16” diameter Column cover at column D.1:7.2 (Room B101E).

ITEM NO. A3: SHEET A-5.3 STAIR DETAILS
DELETE DETAILS E12 and K9. Intermediate rails are not required for this project.

DRAWING ITEMS: **STRUCTURAL**

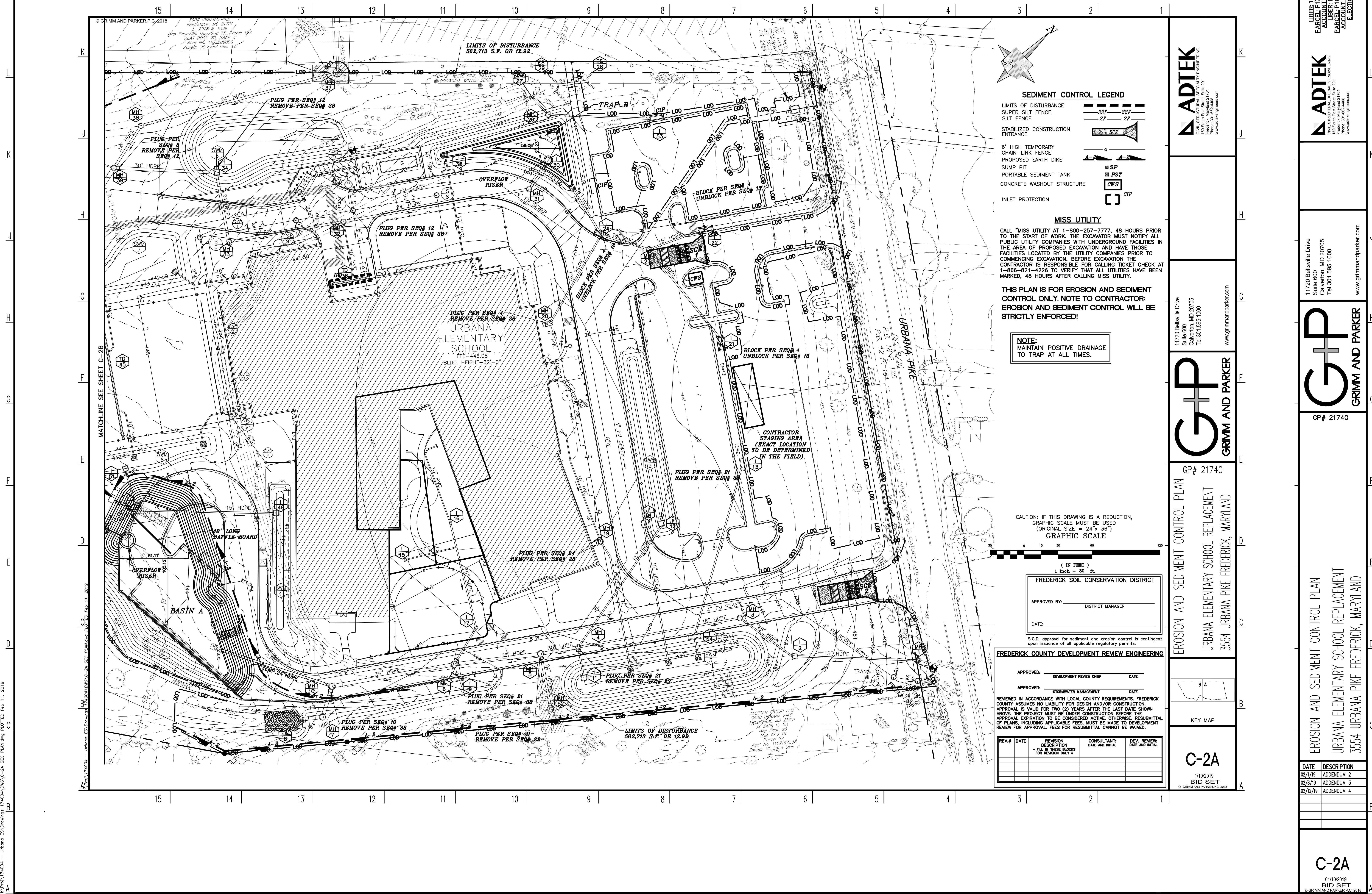
ITEM NO. S1: SHEET S-4.2 SECTIONS
SUBSTITUTE This sheet in its entirety with sheet included in this Addendum.

ITEM NO. S2: SHEET S-4.6 SECTIONS
DELETE Section 1 per attached sketch SKS-4.6.1.



WALL FRAMING FOR OPENINGS 8'-1" & OVER

SCALE: 3/4"=1'-0"



SEDIMENT CONTROL LEGEND

LIMITS OF DISTURBANCE
SUPER SILT FENCE
SILT FENCE

STABILIZED CONSTRUCTION ENTRANCE

6' HIGH TEMPORARY CHAIN-LINK FENCE
PROPOSED EARTH DIKE
SUMP PIT
PORTABLE SEDIMENT TANK
CONCRETE WASHOUT STRUCTURE

INLET PROTECTION

MISS UTILITY

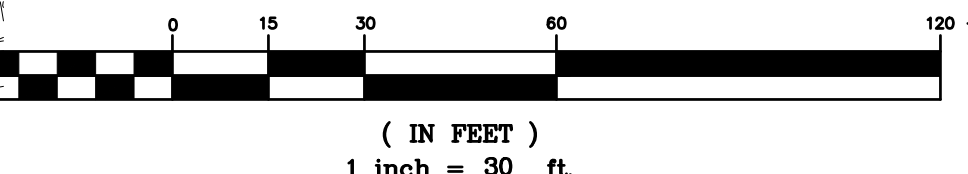
CALL "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. BEFORE EXCAVATION THE CONTRACTOR IS RESPONSIBLE FOR CALLING TICKET CHECK AT 1-866-821-4226 TO VERIFY THAT ALL UTILITIES HAVE BEEN MARKED, 48 HOURS AFTER CALLING MISS UTILITY.

THIS PLAN IS FOR EROSION AND SEDIMENT CONTROL ONLY. NOTE TO CONTRACTOR: EROSION AND SEDIMENT CONTROL WILL BE STRICTLY ENFORCED!

NOTE:
MAINTAIN POSITIVE DRAINAGE TO TRAP AT ALL TIMES.

CAUTION: IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALE MUST BE USED (ORIGINAL SIZE = 24" x 36")

GRAPHIC SCALE



FREDERICK SOIL CONSERVATION DISTRICT

APPROVED BY: _____
DISTRICT MANAGER

DATE: _____

S.C.D. approval for sediment and erosion control is contingent upon issuance of all applicable regulatory permits.

FREDERICK COUNTY DEVELOPMENT REVIEW ENGINEERING

APPROVED: _____ DATE: _____
DEVELOPMENT REVIEW CHIEF

APPROVED: _____ DATE: _____
STORMWATER MANAGEMENT

REVIEWED IN ACCORDANCE WITH LOCAL COUNTY REQUIREMENTS. FREDERICK COUNTY ASSUMES NO LIABILITY FOR DESIGN AND/OR CONSTRUCTION. APPROVAL IS VALID FOR TWO (2) YEARS AFTER THE LAST DATE SHOWN ABOVE. THE PROJECT MUST BE UNDER CONSTRUCTION BEFORE THE APPROVAL EXPIRATION TO BE CONSIDERED ACTIVE. OTHERWISE, RESUBMITTAL OF PLANS, INCLUDING APPLICABLE FEES, MUST BE MADE TO DEVELOPMENT REVIEW FOR APPROVAL. FEES FOR RESUBMITTAL CANNOT BE WAIVED.

REV.#	DATE	REVISION DESCRIPTION * PLU IN THESE BLOCKS FOR REVISION ONLY *	CONSULTANT: DATE AND INITIAL	DEV. REVIEW: DATE AND INITIAL

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G+P
GRIMM AND PARKER

OP# 21740

EROSION AND SEDIMENT CONTROL PLAN
URBANA ELEMENTARY SCHOOL REPLACEMENT
3554 URBANA PIKE FREDERICK, MARYLAND

KEY MAP

C-2A

1/10/2019
BID SET
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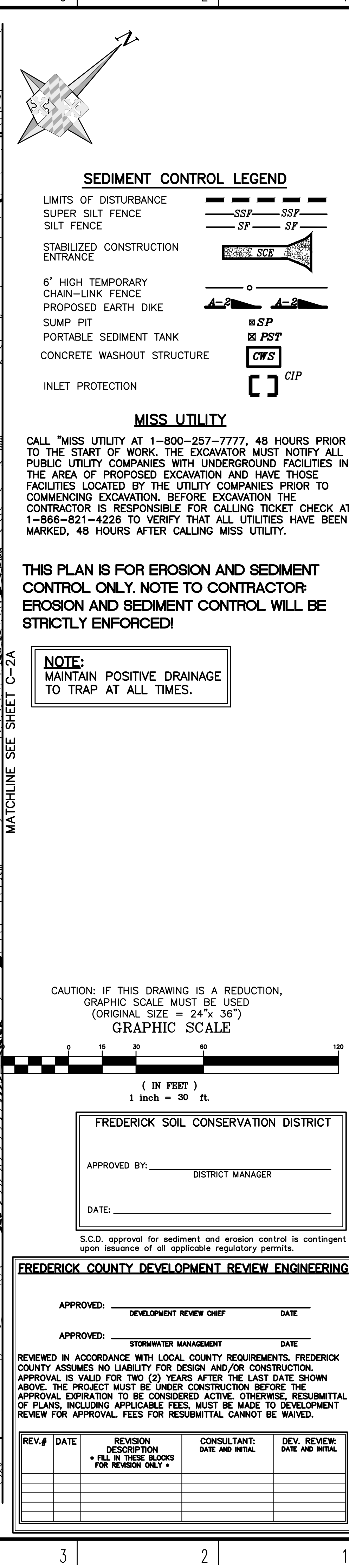
GP# 21740

EROSION AND SEDIMENT CONTROL PLAN
URBANA ELEMENTARY SCHOOL REPLACEMENT
3554 URBANA PIKE FREDERICK, MARYLAND

DATE	DESCRIPTION
02/7/19	ADDENDUM 2
02/8/19	ADDENDUM 3
02/12/19	ADDENDUM 4

C-2A

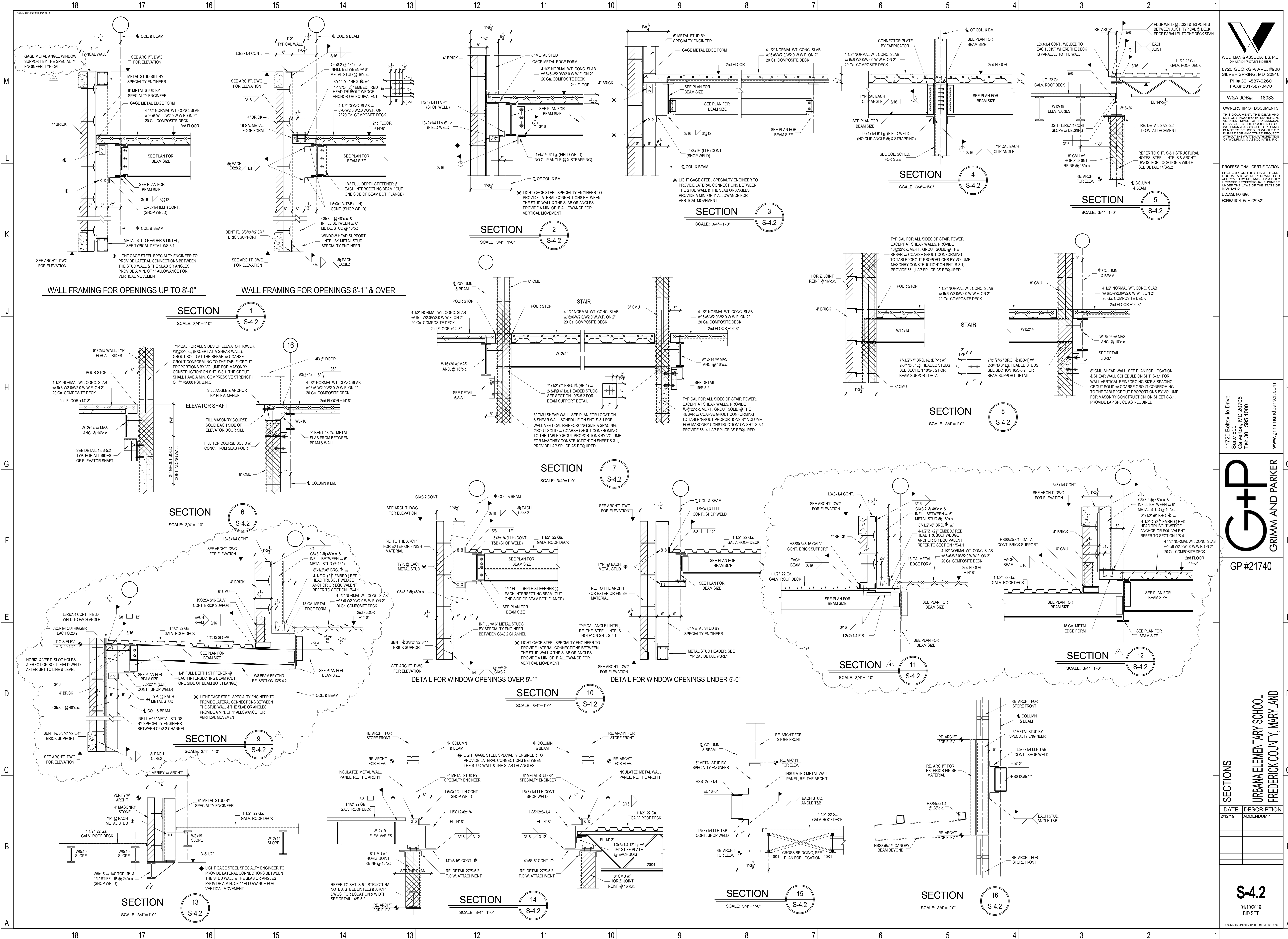
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C-2B

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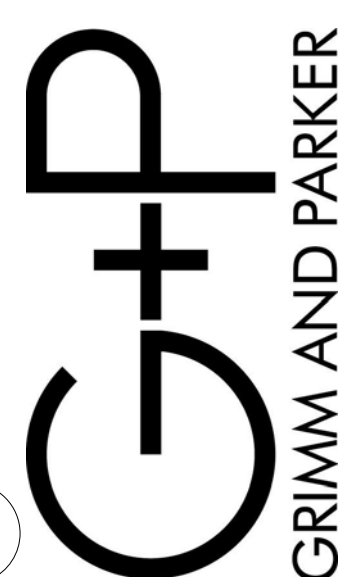
WOLFMAN & ASSOCIATES, P.C.
20010 INDUSTRIAL BLVD.
SILVER SPRING, MD 20910
PH# 301-587-0260
FAX# 301-587-0470

W&A JOB#: 18033

OWNERSHIP OF DOCUMENTS
THIS DOCUMENT, THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF WOLFMAN & ASSOCIATES, P.C. AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WOLFMAN & ASSOCIATES, P.C.

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 8898
EXPIRATION DATE: 02/03/21

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GP #21740

SECTIONS
URBANA ELEMENTARY SCHOOL
FREDERICK COUNTY, MARYLAND

DATE	DESCRIPTION
2/12/19	ADDENDUM 4

S-4.2
01/10/2019
BID SET