

BURRIS/WAGNON ARCHITECTS, P.A.

500L EAST WOODROW WILSON AVENUE JACKSON MS 39216 PH 6019697543 FAX 6019699374

20 July 2020

ADDENDUM NO. 2

Re: **GS# 525-025**
Server Room Subfloor Repairs
Mississippi Department of Rehabilitation Services
Madison, Mississippi

Bid Date: Thursday, July 23, 2020 (2:00 P.M.)



NOTICE TO ALL DOCUMENT HOLDERS:

The following additions, changes, and clarifications to the Specifications for the subject project are to be included as part of the Contract Documents, and thus amend the Scope of Work:

GENERAL

- Item No. 1:** A PRE-BID CONFERENCE was held on TUESDAY, July 14, 2020, 9:00 A.M., at the Mississippi Department of Rehabilitation Services site in Madison, Mississippi. See attached attendance list, Memorandum (Exhibit A), and Pre-Bid Meeting notes (Exhibit B) presented by the Owner, and other items discussed and clarified below.
- A. Ms. Debbie White of the Bureau of Building discussed bid date and time, location, parking around Woolfolk Building, and noted that bid acceptance would be based on the Bureau's official time clock at the desk in the lobby of the 14th floor of Woolfolk Building. If sending Bid by FedEx, bid must be received by the advertised Bid Time of 2:00 PM. Ms. White read parts of Section 00100 Instructions to Bidders, and noted that Contractors shall thoroughly review the entire Section 00100, including all bidding requirements at Section 00100 Instructions to Bidders (including, but not limited to, the following):
1. The Bureau of Building is the Owner for this Project. The Contract will be between the Bureau and the Contractor.
 2. Bidder should allow time to pass through security, and Covid-19 screening, at Woolfolk Building.
 3. Certificate of Responsibility number shall be written on outside of envelope. Any modifications to Bid must be made prior to the scheduled Bid time by writing on the outside of the sealed envelope containing the Bid (see Section 00100/3.02).
 4. Bid Bonds must also have Power of Attorney attached. Bond is not required if a certified check is used instead. Bid Security is 5%. See Section 00100/2.08.
 5. Written words supersede numbers written on Proposal Form.
 6. Bidder must acknowledge all addenda on the Proposal Form.
 7. Out-of-State Contractors shall include their state's reciprocating law in bid envelope, OR a letter stating the Contractor's state has no resident Contractor preference law (see Section 00100/1.03).
 8. Bidders have 24 hours to review bids and report any problems or irregularities, and also to protest bids (see Section 00100/4.03, 4.04).
 9. Ms. White also noted that any bidder interested in submitting his bid

electronically must pre-register in Magic. See also attached Memorandum (Exhibit "A") regarding electronic bidding.

10. Any bidder wishing to call into the bid opening shall call 1-888-822-7617, utilizing access code 8835735.
- B. Ms. White noted that all questions shall be sent directly to the Professional. It was noted that all Addenda shall be a part of the Contract, and there shall be no addenda issued within 48 hours of the Bid: last addendum must be released by 5:00 PM, CST, Monday, July 20, 2020. Any Bid protests shall be sent directly to the Bureau of Building, Grounds, and Real Property Management within 24 hours of the Bid. Contractor please note on the last page of the Proposal Form, page 8, in the Mechanical/Electrical Contractors section, that the blanks MUST BE FILLED IN (if none, write "N/A" in appropriate blank(s)). The subcontractors listed on the Bid Form MUST be used for the Project.
- C. Architect discussed contract time and the Proposal Form, including the fact that all relevant subcontractor blanks must be filled in. Contractor's company name on proposal form is to match exactly that listed with Secretary of State's office and the State Board of Contractors. Certificate of Responsibility number must be listed with the State of Mississippi.
- D. Architect discussed the overall planning concepts of the Project, including the requirement in the documents that the work area below the Server Room would probably need to be dehumidified before proceeding with painting, depending on time of year. Bidders reviewed the crawlspace conditions during meeting. Several questions from this meeting are clarified below.

SPECIFICATIONS

- Item No. 1:** Refer to PROPOSAL FORM, Section 00300, and replace first page (page "7") with attached revised page 7 (with additional Unit Price), Exhibit "C" attached hereto.
- Item No. 2:** Refer to Division 0, page 11, and change Contract Time from 75 to 90 days.
- Item No. 3:** Refer to Section 09900 and change as follows:
- A. Change heading 3.03 to "PREPARATION OF EXISTING OR NEW METAL SURFACES".
 - B. Change 3.03/A. as follows: "...surfaces (floor decking, new structural steel, etc.)".
 - C. At heading 3.05:
 1. Change 3.05 to 3.04.
 2. At paragraph A. title, change as follows: "(floor decking, structural steel, etc.)"

DRAWINGS

- Item No. 1:** Refer to Sht. TS and replace with revised Sheet TS, Exhibit "D" attached hereto (adds Assumption #2 and Unit Price #2).
- Item No. 2:** Refer to Sheet 1 and replace with revised Sheet 1, Exhibit "E" attached hereto (misc. changes).
- Item No. 3:** Refer to Sheet S-01 and replace with revised Sheet S-01, Exhibit "F" attached hereto.
- Item No. 4:** Add Sheet S-4, Exhibit "G" attached hereto (supplemental support detail for locations of deteriorated formdeck-- see also Assumption #2 and Unit Price #2, added this Addendum #2).

No other items in this addendum.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Stan Wagon', with a long, sweeping horizontal line extending to the right.

Stan Wagon, AIA, LEED AP
BURRIS/WAGNON ARCHITECTS, P.A.

End of Addendum No. 2



STATE OF MISSISSIPPI
GOVERNOR PHIL BRYANT

DEPARTMENT OF FINANCE AND ADMINISTRATION

Laura D. Jackson
EXECUTIVE DIRECTOR

M E M O R A N D U M

TO: Contractors, through the AGC, ABC, and MBOC

FROM: Calvin R. Sibley, Director
Bureau of Building, Grounds and Real Property Management

DATE: February 27, 2018

SUBJECT: Electronic Construction Bidding per Law effective 1/1/2018

Beginning January of 2018, the Mississippi Department of Finance and Administration / Bureau of Building Grounds and Real Property Management started receiving construction bids electronically as required by House Bill 1106, Laws of 2017. Electronic bids are at the discretion of the Bidder/Supplier. Paper bids WILL STILL BE received as stipulated in the Advertisement / Request for Bids. The instrument being used to carry out this is a program called MAGIC which is available to all State of Mississippi departments, agencies, and Bidders/Suppliers. (MAGIC is the State's Accounting System.)

TO BID USING MAGIC: Potential Bidder/Supplier must first register. When the Bidder/Supplier registers themselves, they will automatically receive their Magic sign-in information. (The Bureau of Building, et al, can assist with this, and, if so, will notify the Bidder/Supplier by email of doing so, so they can contact Magic to get their sign-in information for bidding electronically) Construction Bidders/Suppliers who have received awards in recent years through the Bureau of Building, et al, should already have their company information properly entered. Those companies should still verify that their system "Product Code" is set to "90922" [for construction] in order to receive "system generated Bid Notices" for construction projects. (Bid Opportunities will continue to be in the newspaper, on the Magic Portal, and on the Bureau of Building, et al, web.) When registering, a company should enter their company information EXACTLY as shown per the Mississippi Secretary of State's listing and per their W9. Contact Magic at:

<http://upperform.magic.ms.gov/gm/folder-1.11.7512?originalContext=1.11.8507> (MS SoS, MBOC, and W9 should all agree.)

TO ADD THE PRODUCT CODE 90922 once in your MAGIC Address Table click the steps below:

1. Click on Suppliers Self Service Tab.
2. Click Company Data.
3. Click the Process Button.
4. Click Add Categories in the Product Categories section
5. Add the product Categories from here.

TO VIEW ADVERTISED PROJECT INFORMATION on line go to DFA Web site and select “Are You Interested in Doing Business with Mississippi” at the top of the page. This takes one to the Procurement Portal. Click on:

1. I sell to Mississippi
2. (RFx) Procurement Opportunities and Public Notifications
3. Advanced Search Options
4. Major Procurement Category: Select Construction
5. Dept/Agency: Select MS DEPT FINANCE AND ADMINISTRATION
6. SEARCH

Another option from the DFA web site is to:

1. Select DFA Offices
2. Select Bureau of Building Grounds and Real Property Management.
3. Just Below “About the Bureau of Building” select BOB Bid Solicitations.
4. Locate the GS# at left of the list and the RFx number at the right.

On both list the RFx number for each project is listed which is required in MAGIC when preparing bids.

For additional information regarding registration in MAGIC, contact MMRS at (601) 359-1343 or by email at mash@dfa.ms.gov .

CRS/pgw

PRE-BID CONFERENCE

GS# 525-025

Server Room Sub Floor Repairs

DATE: Tuesday, July 14, 2020

TIME: 9:00 AM

1. **Open Bid:** Thursday, July 23, 2020, 2:00 PM
Bureau of Building's Conference Room - 14th Floor
2. Parking & Security - allow ample time for parking and check-in with building security. Be mindful on whether the legislature *is/is not* in session
3. Telephone and desk, are not provided, for bidders use
4. Bids are taken; until 2:00:00 PM on the Bid Date. The official time clock is located at the Receptionist Desk – 14th Floor
5. Governor Tate Reeves Executive Order, issued Thursday, July 09, 2020; require residents in 13 Mississippi counties that have been heavily impacted by the coronavirus pandemic to wear face masks while in public and conducting some activities
6. The Mississippi State Board of Contractors is responsible for issuing Certificates of Responsibility to Contractors. Please ensure that your company information is current and up to date, at the time of bid and throughout the length of the job. Bids over \$50,000, must show a Certificate of Responsibility number on the bid and on the face of the envelope containing the bid information
7. Business Name must be exact, as listed, with the MS Secretary of State's Office
8. The written bid amounts supersede the numeric amounts
9. Certified Checks are held; until bid award
10. Make sure to acknowledge all addendum on bid documents
11. If applicable, provide Mechanical/Plumbing/Electrical Subcontractors
12. Bidder has 24 hours to notify BoB regarding any mistake with their Bid Submittal
13. All Bid Protest(s), must be submitted to the Bureau of Buildings (BoB)
14. Must hold price for 45 days; as per bid specifications
15. Notice to proceed will occur approximately 4 to 5 weeks after bid award
16. Out of State Contractors must submit reciprocating construction law for their resident State

17. Bureau of Buildings is the Owner - Contract will be between BOB and the Contractor.
18. If bid; is sent by UPS/ FEDX or USPS, it is the Bidders responsibility to make sure it is delivered and stamped in before 2:00:00 PM on bid date
19. Bids that contain Landscaping and/or Pesticide Controls must complete the Mississippi Department of Agriculture & Commerce – Bureau of Plant Industry Section on Proposal Form.
20. Electronic bid(s); are accepted for all Bureau of Building, Grounds, and Real Property Management (BOB) projects. To submit an electronic bid; you must registered in MAGIC. To ensure you can submit a bid electronically you must register prior to bid date; registration is required only one time. If you register, you will start receiving auto notifications for BOB construction projects. This does not apply to reverse auction. If anyone wants instructions for how to register, I have a memorandum dated 02/27/18, from the BOB director with instructions on how to do so

PROPOSAL FORM SECTION 00300

To: Bureau of Building, Grounds and Real Property Management
501 North West Street, Suite 1401B [Woolfolk Building]
Jackson, Mississippi 39201

Re: Project # GS# 525-025
Project Title Server Room Subfloor Repairs
Location Madison, Mississippi

I propose to complete all work in accordance with the Project Manual and Drawings within 90 consecutive calendar days for the sum of: (Professional must specify number of days)

BASE BID: (Write in the amount of the base bid in words and numbers. The written word shall govern.)

_____ Dollars (\$ _____)

ALTERNATES: (Write in the amount of all of the alternates in words and numbers. The written word shall govern.)

Alternate #1 () Adds () Deducts "NOT USED"

Dollars (\$ _____)
Description _____

Alternate #2 () Adds () Deducts "NOT USED"

Dollars (\$ _____)
Description _____

Alternate #3 () Adds () Deducts "NOT USED"

Dollars (\$ _____)
Description _____

Alternate #4 () Adds () Deducts

" " "NOT USED"

Dollars (\$ _____)
Description _____

Alternate #5 () Adds () Deducts

" " "NOT USED"

Dollars (\$ _____)
Description _____

BID UNIT PRICES: (Refer to Drawings, Sheet "TS")

- 1. Unit Price #1 (Conduit): a) \$ _____ per linear foot
- 2. Unit Price #2 (Metal Deck Support): a) \$ _____ per linear foot

Division 0

Server Room Subfloor Repairs

Mississippi Department of Rehabilitation Services
Madison, MS

GS# 525-025

Architect's Project Number: 1915

15 May 2020

Index of Drawings:

ARCHITECTURAL

TS General Notes, Assumptions, and Unit Prices

1.0 Site Map, Scope of Work, Details

STRUCTURAL

S-01 Structural Notes

S-02 Structural Quality Assurance Plan

S-1 First Floor Framing Plan

S-2 Structural Details

S-3 Structural Details

ELECTRICAL

E-1 Partial First Floor Plan, Existing/New Elevations

General Notes:

1. Lower, or re-route exist. elec. systems, to below, or outside of, new soffit -- see elec. drawings. Seal all penetrations of new soffit.
2. Exist. suspended plumbing occurs at northwest quadrant of new soffit area. Plumbing is shown at appox. locations on plan. Contractor shall visit site prior to Bid, to verify locations and elevations of exist. plumbing, and to develop a construction sequencing strategy for installing new structure around/over exist. plumbing, or for disconnection of exist. plumbing during stl. erection, then reconnecting such plumbing, including all work in Bid.
3. New soffit may be run at a vertical dimension below exist. slab that is most advantageous for working around existing plumbing or elec. systems. If practicable, soffit may be framed directly beneath stl. structure, or at Contractor's option, may be suspended below stl. structure with cold-formed clips, stl. struts, etc.
4. All penetrations of the new soffit shall, such as stl. joists, conduits, plumbing lines, etc. shall be sealed vapor-tight to soffit and air barrier, as recommended by air barrier mfr.

Assumptions (to be included in Base Bid):

(Refer to four underlined paragraph headings below for items to be included in Base Bid Assumptions.) See related specification sections for material & installation specifications. Note: Quantities of Assumptions to be expended MUST be field-verified by Architect prior to covering of work. Note: Schedule of Values line item shall be equal to Base Bid Assumption Quantity x Corresponding Bid Unit Price = Line Item Cost.

ASSUMPTIONS FOR PRODUCTS:

1. Purchase products under each assumption as directed by the Professional.
2. Amount of each assumption includes:
 - a. Net cost of product.
 - b. Delivery & unloading at site.
 - c. Applicable taxes.
3. In addition to amounts of assumptions, include in bid, for inclusion in Contract sum, Contractor's costs for:
 - a. Handling at site, including uncrating and storage.
 - b. Protection from elements and damage.
 - c. Labor, installation, and finishing.
 - d. Other expenses required to complete installation, including demolition of material to be replaced.
 - e. Overhead and profit.

SELECTION OF PRODUCTS:

1. Contractor shall make appropriate recommendations for consideration of the Professional, based on the original Specifications. Upon notification to Professional of quantities requiring replacement, proceed w/replacement. Quantities shall be verified by Professional.

DELIVERY:

1. The Contractor is responsible for arranging all delivery and unloading and should promptly inspect products for damage or defects and submit claims for transportation damage.

INSTALLATION:

1. Comply with requirements of referenced specification section.

Assumption #1: Assume installation of 50 linear feet of 1" galvanized steel rigid replacement conduit where existing conduit may be rusted, in addition to that already shown on, or required by, the Drawings. Work to include disconnection of existing conductors, installation of new conduit, and re-pulling and reconnecting of exist. conductors.

Assumption #2: At locations of damaged or deteriorated existing metal floor deck, assume installation of 125 linear feet of steel deck support per detail "1/S-4" [Exhibit "G" this addendum] (linear footage includes two (2) HSS 3½ x 2½ members and steel angle supports for each assumed linear foot).

Unit Prices

Any additional work authorized to be completed by Unit Prices will be added to the Contract by Change Order which has been approved by Owner, Architect and Contractor. Refer to BID PROPOSAL FORM. Costs: Each item of unit price work shall include all costs for materials, labor, handling, delivery, installation, services, coordination, supervision, taxes, overhead and profit. Materials and methods for any additional work under this Section shall comply with appropriate requirements for work indicated in the respective Specification Sections. NOTE: Unused portions of Base Bid Assumptions shall be credited back to the Owner per the bid Unit Prices that follow; quantities of Unit Price work must be field-verified by Architect prior to covering of work.

SCHEDULE OF UNIT PRICES:

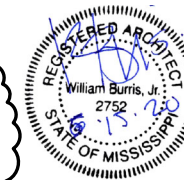
1. Conduit Replacement:

Unit Price #1, \$___ per linear foot of 1" galvanized steel rigid conduit. Should it be determined that exist. rusted conduit require replacement, such additional conduit shall be furnished and installed per this Unit Price #1. Work shall include disconnection, re-pulling, and re-connection of existing conductors.

2. Metal Deck Repair:

Unit Price #2, \$___ per linear foot of steel deck support (per detail "1/S-4" [Exhibit "G" this addendum]). Should it be determined that exist. metal form deck is damaged or deteriorated beyond the quantity specified at Assumption #2, such additional support shall be furnished and installed per this Unit Price #2 (unit price to include two (2) HSS 3½ x 2½, with related angle supports, per linear foot). Work shall include installation of new support at locations directed by Engineer.

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15 May 2020

Server Room Subfloor Repairs
Mississippi Department of Rehabilitation Services
Madison, Mississippi

GS# 525-025

BURRIS/WAGNON ARCHITECTS, P.A.

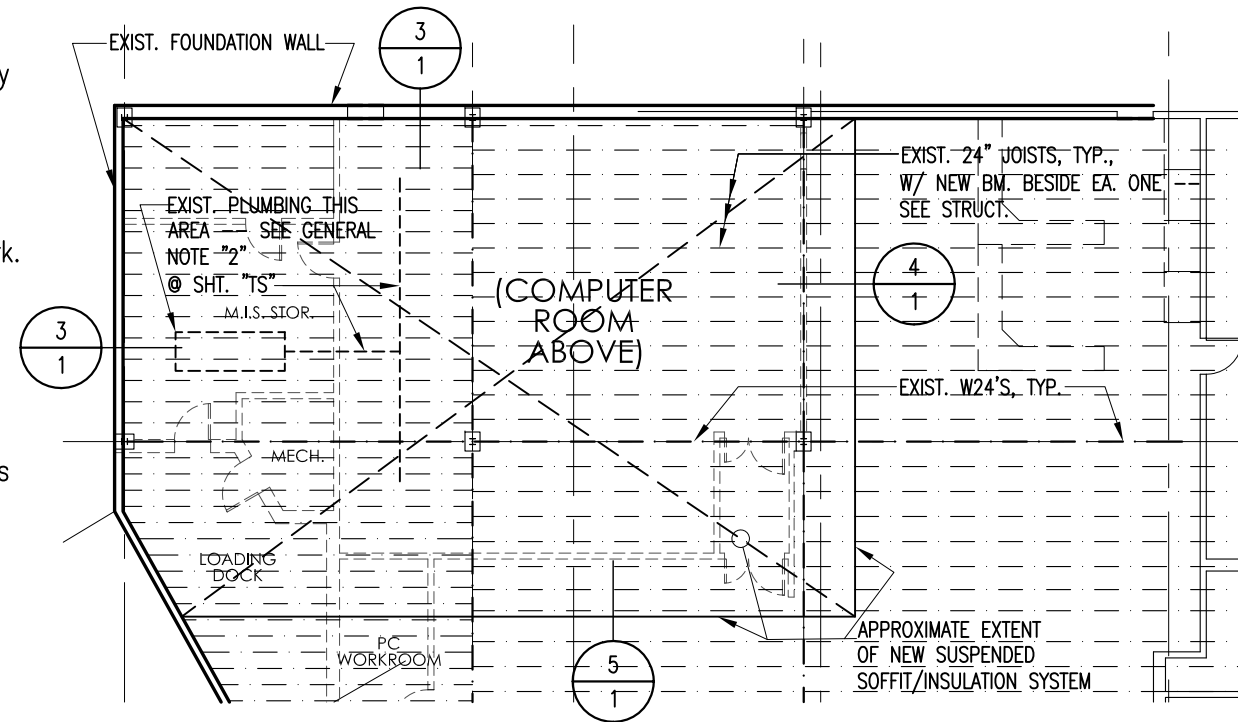
500L EAST WOODROW WILSON AVENUE JACKSON MS 39216
PH 6019697543 FAX 6019699374

TS

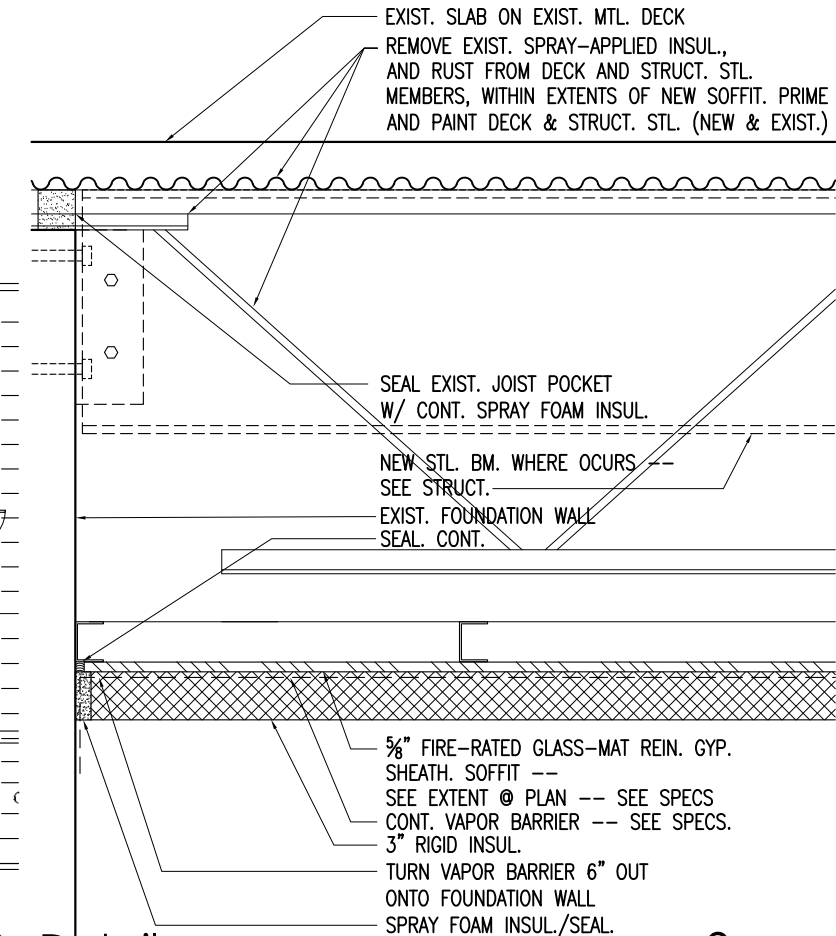
Scope of Work:

1. Extent of new suspended soffit below existing Computer Room (first floor) is shown approximately on the Drawings. The exact soffit footprint shall be at least the size indicated, and shall be slightly larger as required to address the existing extent of deck condensation and structure/deck rust deterioration. Verify extent prior to Bid.
2. Seal off work area and dehumidify, leaving floor deck and structural steel adequately dry to prime & paint.
3. Mechanically-remove exist. spray insulation and rust from existing metal deck, steel joists, and all beams within extents of new soffit, extending 12" beyond soffit kneewalls. Protect exist. elec. and plumbing systems.
4. Prime and paint steel deck, joists, and beams (new and exist.) within extent of work.
5. Re-work exist. elec. as shown at elec. drawings.
6. Construct new 5/8" fire-rated glass-mat gyp. sheath. soffit on new metal framing @ underside of joists. Turn up soffit at perimeter to underside floor deck. Seal gyp. sheath. to deck and seal all sheathing joints, penetrations thru sheath., etc. Exist. conduit shall be run in plane of 2 1/2" furring, or bend down below new gyp. sheath. soffit, re-working conduit and/or feeders as req'd. Seal all conduit/pipe penetrations of new soffit.
7. Install liquid-applied vapor barrier to gyp. sheath. soffit, turning out 6" minimum onto existing surfaces (floor deck, foundation wall). Assure that all holes, joints, penetrations, etc. are fully sealed, and coated with vapor barrier. NOTE: insulated anchors shall be set in full bed sealant, and fully coated w/ vapor barrier.
8. Install rigid insul. over gyp. sheath. soffit on impaling anchors (see specs). Seal insul. board to exist. substrates (foundation wall, floor decks, etc.) w/ spray foam insul. -- see details and specs.
9. Remove all debris from existing crawlspace floor leaving vacuum clean. Remove plastic sheeting.

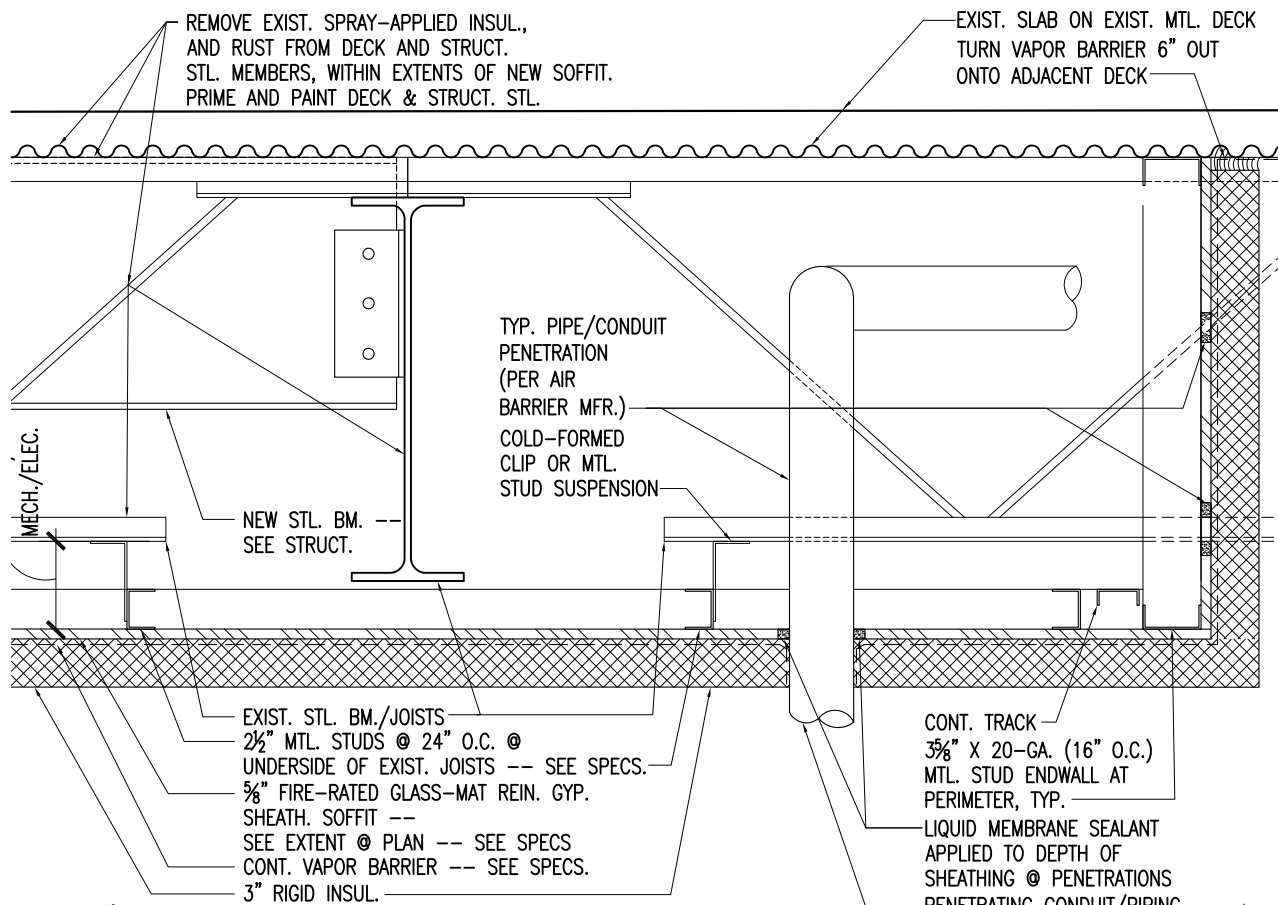
Exhibit "E"



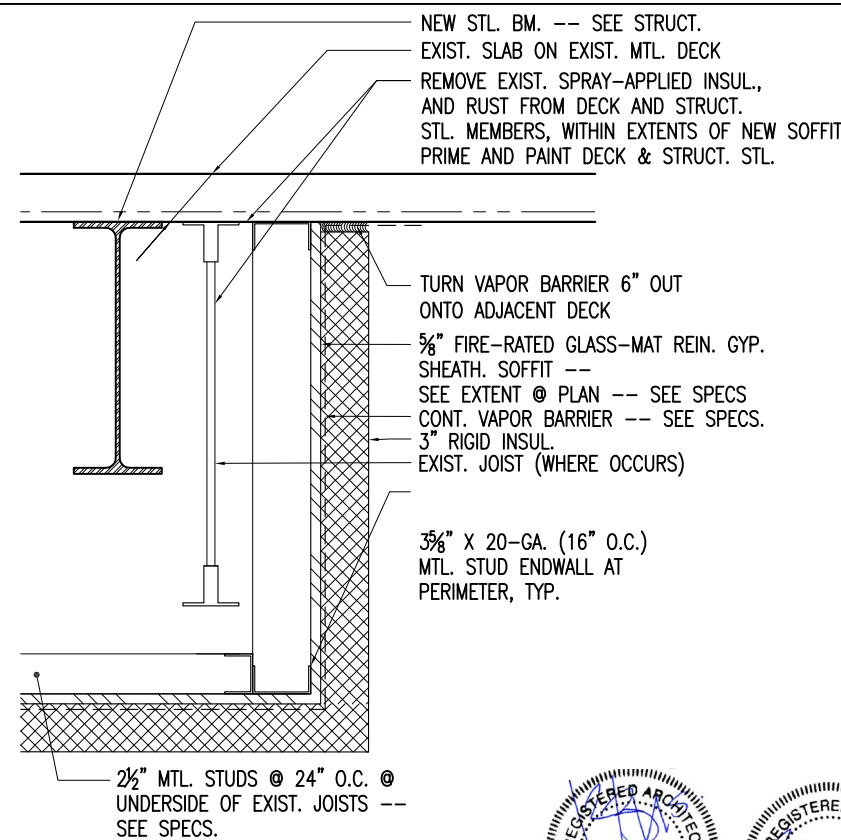
Crawlspace RCP



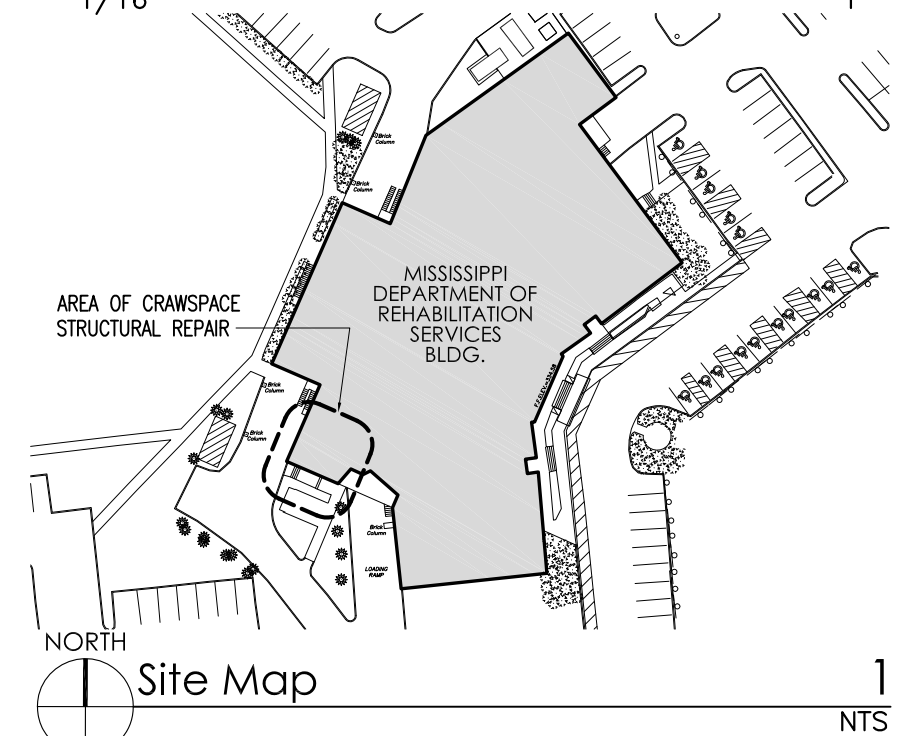
2 Detail



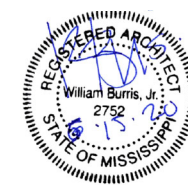
Detail



Detail



Site Map



15 May 2020

Server Room Subfloor Repairs
Mississippi Department of Rehabilitation Services
Madison, Mississippi

GS# 525-025

BURRIS/WAGNOR ARCHITECTS, P.A.
 500 EAST WOODROW WILSON AVENUE JACKSON MS 39216
 PH 6019697543 FAX 6019699374

STRUCTURAL NOTES

Exhibit "F"

THE STRUCTURAL NOTES DEFINE GENERAL DESIGN AND MATERIAL REQUIREMENTS AND ARE INTENDED TO SUPPLEMENT, BUT NOT REPLACE, THE PROJECT SPECIFICATIONS

DESIGN CRITERIA

1. Building Code: 2015 International Building Code and ASCE 7-10 (except Chapter 14 and Appendix 11A)
2. Design Loads
 - 2.1. Uniform Floor Live Loads (reduced per Building Code, UNO)

General Areas	100psf
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GENERAL

1. Reference to standards or specifications of technical societies, organizations, or associations means the standard or specification referenced by the governing Building Code shown on the Drawings, unless specifically noted otherwise.
2. Material, workmanship, and design shall conform to the referenced Building Code.
3. For dimensions not shown in the Structural Drawings, see the Architectural Drawings.
4. Contractor responsibilities include, but are not limited to, the following:
 - 4.1 Coordinate the Structural Documents with the Architectural, Mechanical, Electrical, Plumbing, and Civil Documents. Architect/Structural Engineer shall be notified of any discrepancy or omission prior to installation of associated work.
 - 4.2 The structure is stable only in its completed form. Temporary supports required for stability during all intermediate stages of construction shall be designed, furnished, and installed by the Contractor.
 - 4.3 Contractor has sole responsibility for jobsite safety and complying with all health and safety precautions as required by any regulatory agency. In performing construction observation visits to the jobsite, the Structural Engineer will have no control over, nor responsibility for, the Contractor's means, methods, sequences, techniques, or Procedures in performing the work.
 - 4.4 Contractor is responsible for locating concrete reinforcement prior to installation of post-installed anchors in concrete. Existing reinforcement including post-tensioning tendons shall not be cut or otherwise damaged while installing post-installed anchors.
 - 4.5 Contractor shall visit the project site prior to placing a bid to perform any structural repair work in order to observe the existing conditions of the structure.
 - 4.6 Contractor shall coordinate all structural repair work with all trades and existing conditions and notify the structural engineer of any conflicts before starting related work. Related work can start once an approved solution has been issued.
5. Existing and Unforeseen Conditions
 - 5.1 Contractor shall field verify all existing conditions, elevations, and site conditions prior to construction and fabrication. Contractor shall immediately notify Structural Engineer of any existing conditions that are in conflict with the Structural Documents.
 - 5.2 Shop drawing submittals shall be based on field verified dimensions and conditions only. Contractor shall clearly show actual field dimensions on shop drawings.

SUBMITTALS

1. Shop Drawings and Submittals
 - 1.1 Reproduction of Structural Drawings for shop drawings is not permitted.
 - 1.2 Electronic drawing files will not be provided to the Contractor.
 - 1.3 Review of shop drawings will be for conformance with the Construction Documents regarding arrangement and sizes of members and the Contractor's interpretation of the design loads, if applicable, and Construction Document details. Such review shall not relieve the Contractor of the full responsibility to comply with the Construction Documents.
2. Submittals
 - 2.1 The Structural Quality Assurance Plan and Specifications identify the required submittals. Prior to (or with) the first submittal, Contractor shall submit a list of all required submittals for Engineer's review.

STRUCTURAL STEEL

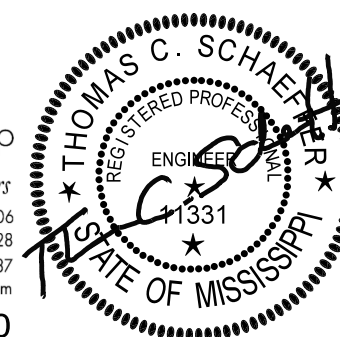
1. Steel Shapes
 - 1.1 W-Shapes: ASTM A992 (Grade 50)
 - 1.2 Angles, Channels, Plates, UNO: ASTM A36
2. Anchor Rods, Bolts, and Studs
 - 2.1 Anchor Rods: ASTM F1554, Grade 36. Headed Rods or threaded rods with plate washer and heavy hex nut.
 - 2.2 Bolts: 3/4" Diameter A325 minimum. All connections may be bearing type, UNO. Design bearing type connections for load values with threads included in the shear plane. Submit proposed bolt tightening procedure for review.
3. Structural steel shall be fabricated and erected according to the "Specification for Structural Steel Buildings" referenced in the referenced Building Code.
4. Shop Drawings: Submittal shall adequately depict structural members and connections.
5. Welders shall be qualified for the work performed in accordance with AWS D1.1. Welder qualifications shall be certified by the local building authority and verified by the Contractor and the Special Inspector.
6. Galvanizing
 - 6.1 Galvanize all steel beams, plates angles, HSS tubes, bolts and anchors in crawl space.
 - 6.2 Galvanized steel receiving paint shall have proper treatment to receive paint.
 - 6.3 Touch-up welds and abrasions in galvanized members in accordance with ASTM A780.

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POST-INSTALLED ANCHORS

1. Post-installed anchors shall only be installed where indicated on the structural drawings, unless approved by engineer of record.
2. The below products are the design basis for this project. Product diameter and embedment shall be as shown in the details. Install products IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII). Refer to the project building code and/or evaluation report for special inspections and proof load requirements. Substitution requests for products other than those listed below may be submitted by the contractor to the Engineer-of-Record (EOR) for review. Substitutions will only be considered for products having a research report recognizing the product for the appropriate application under the project building code. Substitution requests shall include calculations that demonstrate the substituted product is capable of achieving the equivalent performance values of the design basis product.
3. For Anchoring into Concrete
 - 3.1 Screw Anchors: Simpson Titen-HD (ICC-ES ESR-2713),
4. Contractor shall arrange for an anchor manufacturer's representative to provide onsite installation training for all of their anchoring products specified. The structural Engineer of record must receive documented confirmation that all of the contractor's personnel who install anchors are trained prior to the commencement of anchor installation.

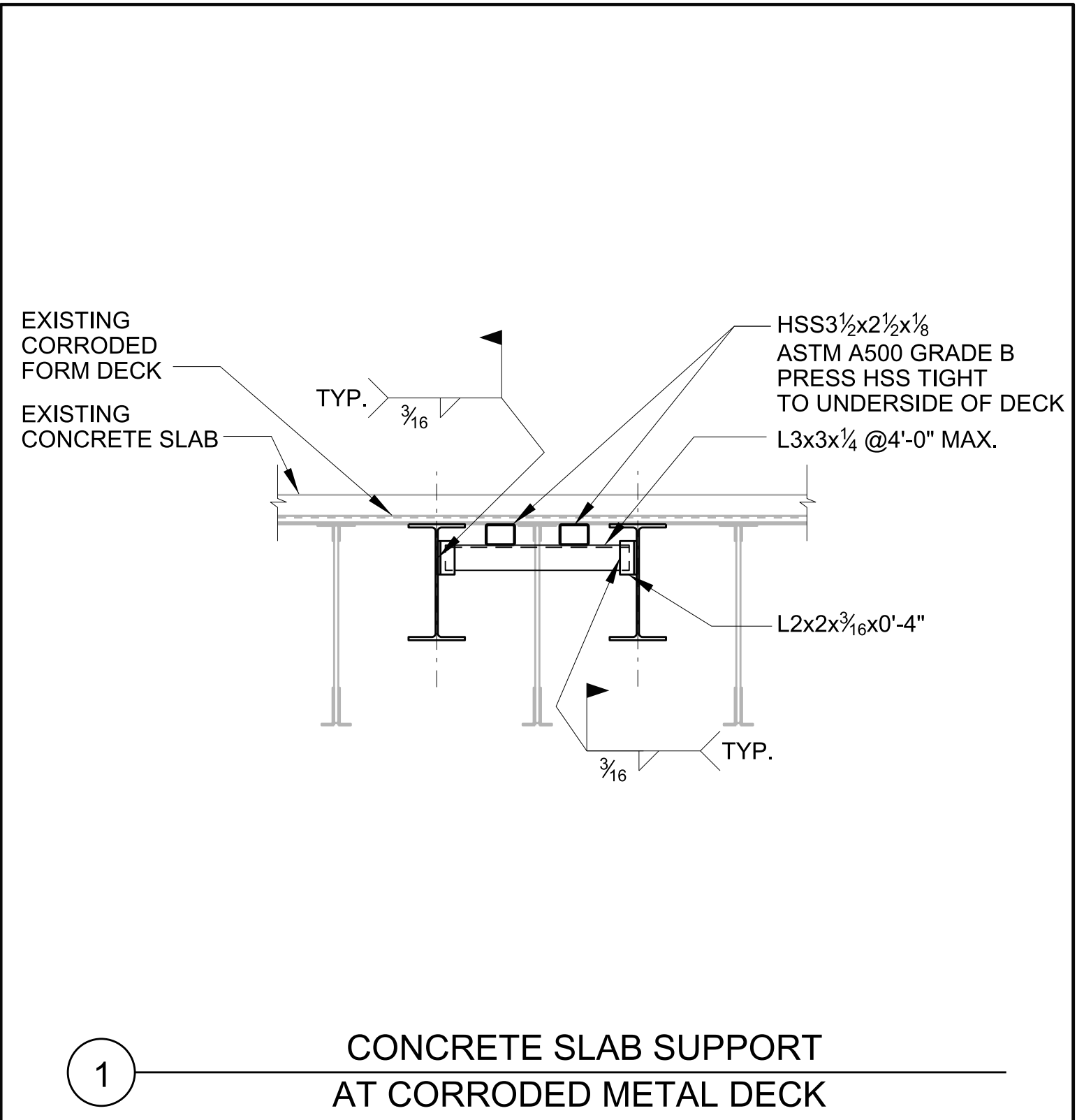
 **Structural Design Group**
Consulting Structural Engineers
220 Great Circle Road, Suite 106
Nashville, Tennessee 37228
p. 615.255.5537
www.sdg-structure.com



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S-01

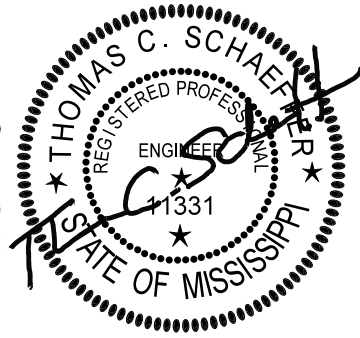
SDG Project No. 2020-070.00



1

Structural Design Group
Consulting Structural Engineers
 220 Great Circle Road, Suite 106
 Nashville, Tennessee 37228
 p. 615.255.5537
 www.sdg-structure.com

SDG Project No. 2020-070.00



15 May 2020
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S-4

