



State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Solicitation

NUMBER
GSD136433

PAGE
1

ADDRESS: CORRESPONDENCE TO ATTENTION OF
GUY NISBET 304-558-2596

RFQ COPY

TYPE NAME/ADDRESS HERE

V
E
N
D
O
R

S
H
I
P
T
O

DEPARTMENT OF ADMINISTRATION
GENERAL SERVICES DIVISION
JOBSITE
SEE SPECIFICATIONS

304-558-2317

DATE PRINTED
03/05/2014

BID OPENING DATE: 03/13/2014

BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 04						
ADDENDUM ISSUED TO PUBLISH AND DISTRIBUTE THE FOLLOWING INFORMATION TO THE VENDOR COMMUNITY AS ATTACHED.						
0001	1	LS		968-20		
NEW STATE OFFICE BUILDING IN CLARKSBURG, WV						
***** THIS IS THE END OF RFQ GSD136433 ***** TOTAL:						

SIGNATURE

TELEPHONE

DATE

TITLE

FEIN

ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

SOLICITATION NUMBER: GSD136433

Addendum Number: No. 04

The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- ☐ Modify bid opening date and time
- ☒ Modify specifications of product or service being sought
- ☒ Attachment of vendor questions and responses
- ☐ Attachment of pre-bid sign-in sheet
- ☐ Correction of error
- ☒ Other

Description of Modification to Solicitation:

Addendum issued for the following informational changes and updates.

1.) Alpha Engineers Notes to vendors. 2.) Vendor submitted Questions and Agency responses, 3.) Drawing A501. 4.) Alpha Revised Section Notes. 5.) Drawing A611. 6.) Drawing A612. 7.) Section 28 16 45 addition. 8.) Drawing A615. 9.) Drawing S505. 10.) Revised Bid Form

11. No other changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ATTACHMENT A



Clarksburg State Office Building
GSD 136433

TO ALL BIDDERS:

1.0 GENERAL NOTES:

- 1.01** This Addendum is part of the Contract Documents for the Project.
- 1.02** Acknowledge receipt of this Addendum on the Form of Proposal in the space provided. Failure to do so may be cause for rejection of bid.
- 1.03** This is part of 004 Addendum.
- 1.04** A site visit to the site was held on February 21, 2014, to view the lots known as 104 and 105. The followings was discussed:

City of Clarksburg will remove and dispose of the two houses and outbuildings including the foundations down to floor slabs. Floor slabs will be left fractured in place. Basements or crawl spaces will not be backfilled by City. Contractor shall be responsible for site work beyond this demolition. Vehicles in rear yard of lot 105 will be removed prior to site turned over to Contractor.

Contractor shall be responsible for removing existing concrete retaining walls, trees, vegetation and grubbing the site. Fill material on site can be used for backfill of sites under parking areas. Topsoil on house sites may be reclaimed.

Estimate house sites will be turned over to contractor in July 2014.

Note that the existing driveway located between lot 103 and lot 104 is shared by the adjoining residence on Lot 103. Driveway shall remain accessible to adjoining property during construction.

2.0 CORRECTIONS/ADDITIONS TO THE PROJECT MANUAL DATED November 19, 2013

2.01 Division 01 2200 UNIT PRICES 3.1 SCHEDULE OF UNIT PRICES

ADD:

- J. Unit Price No. 10: Removal of Contaminated soil, greater than or less than 300 tons.**
1. **Description:** See Sheet C101 Note 2, removal, Segregation, and disposal of contaminated soils and Ground Water.
 2. **Unit of Measurement:** Per ton.
 3. **Provide same Prices for Additive and Deductive amounts, adjustment to be made in total aggregate depth.**
- K. Unit Price No. 11: Removal of Contaminated Ground water, greater than or less than 36,000 gallons**
1. **Description:** See Sheet C101 Note 2, removal, Segregation, and disposal of contaminated soils and Ground Water.
 2. **Unit of Measurement:** Per gallon.
 3. **Provide same Prices for Additive and Deductive amounts, adjustment to be made in total aggregate depth.**

2.02 Division 03 3000 CAST IN PLACE CONCRETE 3.6 Finishing Formed Surfaces

ADD: "C. 2 Seal formed concrete walls exposed to view with Concrete Sealing Compound, similar or equal to LIN-SEAL EMULSION as mfg. by W. R. Meadows.

- a. **AASHTO M148 Type 1, Class A & B ***
- b. **ASTM C 309 Type 1, Class A & B***
 - **With exemptions for drying time**
- c. **Boiled Linseed Oil: ASTM D 260**
- d. **VOC compliant: US EPA, LADCO and OTC maximum allowable VOC requirements."**

2.03 Division 05 4000 COLD-FORMED STEEL FRAMING, GENERAL Exterior Non-Load Bearing Wall Framing

OMIT: 2.4 A. 1. Minimum Base-Metal Thickness: **"0.0538 inch (1.37 mm)"**

ADD: 2.4 A. 1. Minimum Base-Metal Thickness: **"0.0428 inch, 18 ga."**

CLARIFICATION: All exterior non-load bearing steel stud framing shall be 18 ga. All interior non-load bearing steel stud framing shall be 18 ga.

2.04 Division 07 4113 METAL STANDING SEAM ROOFING 2.3 MATERIALS AND FINISHES

ADD: A. Curved roofing panels....**"or 24 ga. steel"**

ADD: C. Finish....**"or Kynar 500 to match Anodized Aluminum Lt. Bronze."**

- 2.05** Division 07 6200 SHEET METAL FLASHING AND TRIM
Performance Requirements
OMIT: C. 1. Design Pressure: **"As indicated on Drawings."**
ADD: C. 1. Design Pressure: **"25"**
- 2.06** Division 07 8100 APPLIED SPRAY FIRE PROOFING
Section 2.3 Sprayed Fire Resistive Materials (SFRM)
ADD: A. 1. F. **"ISOLATEK International; Cafco 300, Cafco Blaze-Shield II"**
- 2.07** Division 08 8000 GLAZING
Section 1.4 Performance Requirements
OMIT: 1.4.B. **"1. Design Wind Pressures: As indicated on Drawings."**
Section 1.6 Submittals
OMIT: A. **"2. Fire Resistive glazing products."**
Section 2.7 Monolithic Glass Types
OMIT: **(See Door Schedule)**
OMIT: B. Glass Type GL-1: Clear fire-rated glass. **"See Section 08 08117 For fire rated glazing."**
ADD: **"1. Fire rated glazing only relates to Doors with rated vision panels. See 08 1416 Flush Wood Doors."**
Section 2.8 Insulating Glass Types
OMIT: A. Glass Type GL-2 and GL-3: Low-e coated, tinted insulating glass, **"fully tempered"**
ADD: 2.8 A.3. Outdoor Lite: Tinted float glass. **"Heat- strengthen if required to meet anticipated thermal stresses or wind loads."**
- 2.08** Division 08 4413 GLAZED ALUMINUM CURTAIN WALL
Section 2.03 Fabrication
OMIT: 2.03 A. General **"1. All aluminum vertical and horizontal extrusions shall have a minimum wall thickness of .093" to .125".**
ADD: 2.03 A. General **"Member Wall Thickness: Each framing member shall provide structural strength to meet specified performance requirements."**
- 2.09** Division 09 2900 Gypsum Board
Interior Gypsum Board
ADD: 2.2 B. Regular Type: (PGB) **"NOT USED"**
ADD: 2.2 C. Type X: (PGB) **"NOT USED"**
ADD: 2.2 D. Ceiling Type: (PGB) **"NOT USED"**
OMIT: 2.2 F. Abuse Resistant....(PAGB) 1. Core: **"regular type"**
ADD: 2.2 F. Abuse Resistant....(PAGB) 1. Core: **"moisture and mold resistant"** and Type X **"moisture and mold resistant."**
OMIT: 2.2 G. Impact Resistant....(PIGB) 1. Core: **"regular type"**
ADD: 2.2 G. Impact Resistant....(PIGB) 1. Core: **"moisture and mold resistant"** and Type X **"moisture and mold resistant."**
Note: All interior gypsum board to have mold and moisture resistant core.

- 2.10** Division 10 2220 Demountable Partitions
ADD: 2.1.A. Basis of Design Product:...alternate manufacturers will be considered: **"1. Steel Case – Privacy Wall"**
ADD: 2. Herman Miller **" 85" high Action Office System for DM1 style partition"**
ADD: 2.7 Fabrication: D. Acoustical Rating: STC 47. **"(Fabric tiled panels only.)"**
- 2.11** Division 10 7500 Flagpole
ADD: 2.1 B. Aluminum Flagpoles...**"1. Flagpole height: 35'-0" as measured from grade. See drawings."**
- 2.12** Division 12 2413 ROLLER WINDOW SHADES
ADD: 2.1 G. Fascia: ...**"When used at locations with light shelf."**
ADD: 2.1 H. Top/Back Cover;...**"When used at locations without light shelf."**
OMIT: 2.1.I Pocket Style Headbox: in its entirety.
MODIFY: 2.1. I.2. Bottom Bar.... to be item I. Bottom Bar....
- 2.13** Division 12 4840 ENTRANCE MATS AND GRIDS
ADD: 2.1 Manufacturers: Acceptable Manufacturer: **"1. KD98 Stainless Steel Grating, KADEE Industries"**
- 2.14** Vol. 3- Project Manual
ADD: **28 1645 Area of Rescue Assistance Systems**
See specification appended to this document.

3.0 CORRECTIONS/ADDITIONS TO THE PROJECT DRAWINGS DATED November 19, 2013

- 3.01** Sheet S505
OMIT: Sheet S505 as found in Issued for Bidding Documents
ADD: Sheet S505 as appended to this Addenda.
- 3.02** Sheet A401 Section A- S1 North Section
Handrails at Intermediate Landings are to be continuous,
See AD004 1 of 7 Appended to this Addenda.
- 3.03** Sheet A401
ADD: Details as shown to clarify Diagonal Fall Protection at Curtain wall inside of Stair towers.
See AD004 2 of 7 Appended to this Addenda.

- 3.04** Sheet A402 Elevation 6/A402
REVISED: Step Flashing at Canopy
See AD004 4 of 7 Appended to this Addenda.
- 3.05** Sheet A501
OMIT: Sheet A501 as found in Issued for Bidding Documents
ADD: Sheet A501 as appended to this Addenda.
- 3.06** Sheet A504
ADD: Flagpole Detail
See AD004 7 of 7 appended to these Addenda.
- 3.07** Sheet A505 Detail 8/A505
OMIT: Wood Blocking
See AD004 3 of 7 Appended to this Addenda.
- 3.08** Sheet A601 Room Finish Schedule
OMIT: PGB- Painted Gypsum Board
ADD: PMGB-Painted Moisture and Mold Resistant Core Gypsum Board
NOTE: ALL INTERIOR GYPSUM BOARD TO HAVE MOISTURE AND MOLD RESISTANT CORE.
- 3.09** Sheet A603 Partition Types
Detail F#a
OMIT: "UL #U425, 1 hr."
- 3.10** Sheet A604
BORROWED LITE TYPES
OMIT: BL2
MODIFY: BL1 OMIT: GL-3, ADD: GL-5
MODIFY: TW1 OMIT: GL-2, ADD: "See spec no. 08 8853 for glazing"
Glazing type Legend GL-5
OMIT: "with Frosted Film"
CURTAIN WALL TYPES
CW3
ADD: GL-2
CW4
ADD: GL-5
- 3.11** Sheet A604 Light Shelf and Roller Shade Schedule
OMIT: Light Shelf and Roller Shade Schedule as found in the Issued for Bid Set.
ADD: Replacement Light Shelf and Roller Shade Schedule
See AD004 5 of 7 as appended to this Addenda.
- 3.12** Sheet A611, A612, A615
OMIT: A611, A612, A615 as found in the Issued for Bid set.
ADD: A611, A612, A615 as appended to this document.

3.13 Sheet P601 WATER CLOSETS AND URINALS SCHEDULE

Water Closets (W-1 & W-2)

OMIT: Flush Valve :**ZGEN6200EV**

ADD: Flush Valve: **ZTR6200EV-LL**

Urinals (U-1 & U-2)

OMIT: Flush Valve :**ZGEN6203EV-ULF**

ADD: Flush Valve: **ZTR6203ULF-LL**

3.14 Sheet MEP-101

Site Plan

OMIT: "DISCONNECT AND REMOVE EXISTING TRANSFORMER IN ITS ENTIRETY, INCLUDING ALL PADS/VAULTS, CONDUITS, ETC." Transformer was previously removed under separate contract.

3.15 AD004 6 of 7

ADD: Enlarged Plan and Casework details for Room 406
See AD004 6 of 7 as appended to this Addenda.

4.0 Questions and Answers

See separate document

5.0 Substitution Requests

5.01 American Plate Glass: Spandrel glass specification is not required, see TYPE GL-3 on Drawing A604 and specification 08 8000 Glazing. Solarban 60 is **required** on 2nd surface for maximum benefit of Low-e coating. Substitution request is **not** accepted.

5.02 ISOLATEK: has been added to Specification 07 8100.

5.03 KADEE INDUSTRIES: has been added to Specification 12 4840.

5.04 ECOMAXci Wall Solution, by Rmax Operating, LLC: Specification 07 4265 THERMAL AND AIR BARRIER SYSTEM. **Accepted as noted:** The product is **NOT** approved for exterior insulation as part of the Cavity wall system. The product **IS** accepted for use where 2" rigid insulation is required without the steel stud cavity wall insulation system; i.e.; at poured concrete walls of stair towers. It is **not** allowed at below grade installations, nor is it allowed to be exposed to the elements for an extended period of time. If used, it must be installed with manufacturers tape and flashing that meets the performance requirements as listed in Section 07 4265.

5.05 Icynene, Inc.: **Accepted** for product approval under specification 07 2100 THERMAL INSULATION. **NOT Accepted** for product approval under specification 07 4265 THERMAL AND AIR BARRIER SYSTEM.

- 5.06 DORMA 8900 Series Exterior, Dorma 8600 Series Interior: Not Accepted** for product approval as substitute for Specification 08 7100, LCN 4040, Sargent 281 for Exterior, Norton 7500, Sargent 351 for Interior. **Dorma 8900 Series Interior: Accepted** for Falcon SC70 Interior.
- 5.07 DORMA M9000: Not Accepted** for product approval as substitute for Specification 08 7100, Schlage L9000, Best 45H, Falcon MA, Sargent 8200.
- 5.08 ICE STORAGE TANKS BY CALMAC: Accepted** for product approval as substitute Specification 23 6400 Fafco Icestor Thermal Storage Tanks, 2 @ model 715T- 600 ton hours each.
- 5.09 MODULAR INDOOR CENTRAL STATION AIR HANDLING UNITS: Accepted as Noted:**
- In regards to the note on the substitution request that unit dimensions will be "provided approximately as scheduled" - Space is at a premium, so the AHU dimensions will need to be no greater than the basis of design. This is especially true for the length of AHU-1.
 - AHU-1 return fan BHP (7.26) is very close to motor size (7.5 HP) leaving little room for future flexibility. These need to be 10 HP as selected in Basis of Design Unit.
 - AHU-1 return fan array appears to have two VFD's (1 per two fans) instead of 1 like the basis of design. It is not clear if the fan array has one or two electrical connections. The basis of design requires only one electrical connection. If this unit is used, contractor will be responsible for any changes in electrical requirements.
 - AHU-1 and AHU-2 cooling coils are selected at different conditions than the Basis of Design. Coils shall be capable of producing scheduled capacity at selected conditions on the design documents with no additional chilled water flow over what is scheduled. Coil water pressure drop also needs to be 15' or less.
 - Total static pressure on AHU-1 and 2 supply fan arrays appear low. Basis of design uses dirty filter pressure drops (2" total) to select fans. When adding up all of the internal pressure drops (including dirty filters) the total pressure drop appears to be greater than what the fans are selected at. This will need to be corrected.
 - AHU-1 and 2 supply fan arrays appear to have two VFD's (1 per two fans) each instead of 1 like the basis of design. It is not clear if the fan array has one or two electrical connections. The basis of design requires only one electrical connection. If this unit is used, contractor will be responsible for any changes in electrical requirements.

For product approval as substitute Specification 23 7313 Daikin Applied Vision- Central Station Modular Indoor Air Handling Units.

5.10 PACKAGED AIR COOLED WATER CHILLERS BY TRANE (SCREW TYPE COMPRESSORS): Accepted as Noted:

Chiller water pressure drop is 7' higher than basis of design. The total pressure drop of the installed ice tanks and chiller needs to be equal to or less than the total for the basis of design (approximately 35'). Submitted for product approval Specification 23 6400 Packaged Air Cooled Water Chiller- Screw Type Compressors- Daikin Model AWS 190 CDS.

5.11 BITEC Products: Not Accepted, Insufficient information supplied. The intended use of the material was not detailed in the submittal.

5.12 If a product or manufacturer has been accepted to the lists of approved manufacturers through addenda, it does not relieve the manufacturer of the shop drawing submittal process to ensure total compliance with the performance specification.

Issued March 3, 2014

Alpha Associates, Incorporated

Rebecca Key

GSD136433
Questions and Agency Responses
After 1/31/2014

83. For previous submissions to the State of West Virginia Department of Administration, there was a requirement for the complete Request for Quotations (RFQ) to be stapled to the front of the Form of Proposal for submission with the Bid. We have not seen this requirement shown for this RFQ. Please advise whether the full RFQ (37 pages) should be submitted with the bid?

A.83 Please carefully read all of the RFQ documents. Only those documents in the RFQ that are specified as required to be submitted with your bid are required with your bid. If the document is not specified as required, you do not have to submit it with your bid.

84. On sheet C106 – Landscape Plan it is unclear as to the boundaries of the pea gravel mulch around the motorcycle testing area. If possible please let me know or include in the next addendum the exact boundaries of area mulched in pea gravel. Thank you and I look forward to hearing back from you.

A.84 See Sheet A107 for dimensions of mulched area.

85. On drawing A202 Detail 7/402 CW3 East Elevation (Interior) cuts a section 8/505 through the curtain wall header. On drawing A505 detail 8 does not show how the wood blocking header is attached to the jambs of the opening. Please supply proper details as to how the wood header will attach to the side jambs

A.85 See this Addendum for drawing AD004, 4 of 7.

86. On drawing A609, there are elevations A thru F indicated on the plan however there are no corresponding elevations on drawing A611, please provide.

A.86 See this Addendum for revised A611 drawing.

87. On drawing A613, there are elevations A thru G indicated on the plan however there are no corresponding elevations on drawing A615, please provide.

A.87 See this Addendum for revised A615 drawing.

88. There are three (3) 24x18 elevator louvers indicated on Drawing A106. As per this drawing, as well as additional details on S505, these louvers appear to be mounted horizontally and flush in the elevator shaft roof. Please advise if the louvers are required and, if so, do elevator penthouses also need to be added to allow for vertical installation of the louvers.

A.88 Louvers are required. See Sheet M105 for locations. (There are only three 24 x 18 elevator louvers, they are to be mounted horizontally and in the locations of the roof as noted on Sheet M105. Review also, M104 for ductwork leading from the elevator shaft to the roof location. Contractor to ensure concrete pour for elevator shafts include penetration for ducted vent, smoke damper to roof top vent.)

89. Caissons at the following column locations do not indicate the diameter:

- E-2 --- I have assumed 42" diameter, is this correct?
- F.5-4 --- I have assumed 66" diameter, is this correct?

GSD136433
Questions and Agency Responses
After 1/31/2014

- F.5 – 4.5 --- I have assumed 54" diameter, is this correct?
- I-3 --- I have assumed 42" diameter, is this correct?
- J-2 --- I have assumed 42" diameter, is this correct?

A.89 All assumptions for size of Caissons are correct.

90. According to specification 316329, 3.1.B, the drilled shafts shall only be drilled to the top of the limestone bearing stratum found in pre-drilling (due to the thin depth of the stratum). However, on drawing S502 caisson shaft detail, there is a 4' deep socket indicated. Please clarify.

A.90 Omit 4' deep socket dimension on sheet S502.

91. In reference to the site details please indicate on the civil drawings where the parking lot bituminous pavement is used and where the WVDOH right of way and City of Clarksburg bituminous pavement is used. Also please provide a specification for bituminous paving. Is all the paving light duty, or is there heavy duty paving required at drive lanes?

A.91 See Sheet C500 Parking Lot Bituminous Pavement Detail is required on owner property and WVDOH Right of Way detail is applied when not on owner property. See also C101 General Notes #2.

92. Please indicate on the civil drawings where chain link fences and gates (spec 323113) will be constructed. This spec references gates and operators. Are these required (none shown)?

A.92 There are no chain link fences or gates in this project.

93. Is the property owner currently renting the existing temporary fence? Please provide our scope or work related to renting/ maintaining/ removing the existing temporary fence.

A.93 The State currently owns the fence. The fence was placed on site during the previous building demolition. The successful bidder will be responsible for removing and disposing of the fence once construction is complete.

94. Specification section 088000-2.7B (GL-1) makes reference to see specification section 080117 for Fire Rated Glass.

A.94 Fire rated glass is not required, except for doors. See modifications to 08-8000, contained within this addenda.

95. Specification section 013233 calls for us to provide 2 fixed cameras and drawing C103 calls for 3. Please indicate how many fixed cameras are required for this project.

A.95 Provide three (3) Cameras as indicated on Drawing C103.

96. The structural drawing S001 states to follow the over-excavation requirements outlined in the geotechnical report. Unit Price #1 states to include 2,850 CY of unsuitable soil replacement without bid. Is the over-excavation part of this 2,850 CY value?

GSD136433
Questions and Agency Responses
After 1/31/2014

A.96 Provide a base bid for 2,850 CY of over excavation /replacement of unsuitable soil. The final actual quantity of unsuitable soil will be paid based on the 2,850 CY quantity with reduced or increased quantities adjusted at the unit price bid.

97. Drawing C503 shows a Barrier Planter with dimensions of 35" High by 84" Diameter and calls out a Markstaar model number. The model number is not longer available. Markstaar has a mold with a size of 35" H by 80" Diameter. Is this size acceptable or should we have Markstaar provide a price providing a custom mold to meet the size shown on the drawings.

A.97 See response to question A.43 in previous Addendum. (Dawn Enterprises or Highland Product Group or equal. 7' overall Diameter, 3' height, 3" wall thickness. 3/8" Steel rebar, Type 3 Portland Cement conforming to ASTM C31 Specifications Stress Load 4000 PSI at 28 Days minimum. Light to medium Sandblast finish, Natural Color. One year warranty against manufacturer's defects).

98. Detail 4, 5, 6/A502 calls for a pre-mfg gypsum cove with integral lighting. The electrical drawings calls this light fixture to be SF-1 which is just a surface mounted light fixture and does not come with a gypsum cove. Please provide a specification or further detail for this gypsum cove.

A.98 Fixture SF-1 will be furnished as described on the architectural drawings, with the pre-manufactured gypsum light cove. The fixture designation shall be as follows: Manufacturer - Engineered Lighting Products; Model Number - 44W1CLC-B8/222W1CLC-B8; Drive Manufacturer and Model Number-OT50-PRG/OT30-PRG; Wattage 44W/22W, or equal.

99. On the plans and window schedule, I see windows listed for rooms 102 (elevator lobby) and 401 (men's bathroom), but I do not see the windows called out on the plans. Are these errors or omissions or am I not looking closely enough?

A.99 There are no windows in rooms 101 or 401. See this Addendum for revised light shelf and roller shade schedule.

100. In room 431, there is a "W2" type window shown, yet no roller shade is mentioned in the window shade schedule on sheet A604. Is there to be a shade provided at this location?

A.100 Yes. See this Addendum for revised light shelf and roller shade schedule..

101. At what height are the "light shelves" mentioned to be installed on the various windows?

A.101 See note on revised Light Shelf and Roller Shade Schedule in this Addendum.

102. Section 260510 1.2 A states that all costs and fees required by the Power Company shall be included in the Contract Price. The Power Company will not quote their costs and fees for this project until they have a Work Order and have done the necessary design and engineering. One Electrical bidders has contacted the Power Company and they have said that they are not aware of the project. Please

GSD136433
Questions and Agency Responses
After 1/31/2014

provide an Allowance that can be included with our bid for the Power Company costs and fees or advise that these costs are not to be included in our bid.

A.102 There will be no allowance for these costs in the contract documents. Please include the cost in the base bid.

103. Please verify the following regarding the new primary and secondary services:

- a. Are both the primary and secondary conduits to be of rigid galvanized steel construction?
- b. Are both the primary and secondary duct-banks to be concrete encased for their entire length?
- c. Is the primary pull box shown on Drawing MEP101 to be 24" X 24" or larger?

A.103A. RNC or rigid galvanized steel is permitted

A.103B. As per drawings and specification .Yes

A.103C. Minimum size is indicated.

104. Please provide the location of the fence and gates that is specified in section 323113.

A.104 Please see the answer to Question 93.

105. Drawing A613 references elevations A, B, C, D, E, F, and G. However, these elevations were not able to be located on A614, A615, or A616. Please advise.

A.105 See this Addendum for revised drawing A615.

106. On Floor Plan A105, Receiving Room 406 and Mail Room 406A appear to indicate casework. However, there is no elevation view or other indication of what the casework should be. Please advise.

A.106 See this Addendum for drawing AD004 sheet 6 of 7.

107. Sheets S601 and S602 comprise the column schedule. At the bottom of the sheet are two notes. Note #1 reads the "Steel fabricator to provide column splices as necessary. We would propose a bolted column splice designed to meet AISC specs. Is this acceptable?

A.107 Yes that is acceptable.

108. Reference A306 Details 5, 6 And 7. Please clarify what process is to be used for the "Oil Rubbed Concrete" shown for the exposed mechanical enclosure concrete walls.

A.108 Provide Concrete Sealing Compound. See specification modification Item 2.02 of the Addenda 004, Division 03 3000.

GSD136433
Questions and Agency Responses
After 1/31/2014

109. There are assorted locations which call for the building to receive "Spray fireproofing on ALL primary and secondary beams..." Are any of the columns required to receive this fireproofing?

A.109 No, as long as they have been totally encased in 1 hr. fire wrapping as designated in 1/A603 and 2/A603.

110. In regards to the curtain wall drawing shown on 1/A304:

1. Please give size of Angle Clips on detail 1/ A304

2. Detail 2/A304 shows a 10" x 10" tube with a rolled 1/2" plate. Is the tube rolled as well or is this a straight tube with a hung plate situation?

A.110.1 6"X6"X1/2" Angle Clip

A.110.2 10x10 Tube is rolled in relationship to the plate.

111. Reference S503 Details 5,6 And 7. Please clarify where each of these details are to be used.

A.111 Detail 5 is used at stair and elevator shaft, Detail 6 used at first floor structure bears on the first floor foundation wall and Detail 7 integral pier locations and similar to Detail 6.

112. Is it your intent that all interior metal stud framing (framing for partitions, bulkheads and furring) to be priced as 18 gauge as noted under part 2.3 Steel framing for framed assemblies A.1. Minimum base – thickness: 18 gauge?

A.112 yes.

113. Please clarify definition of "oil rubbed" concrete which is called for at the interior exposed concrete walls of the equipment enclosure.

A.113 See response to question 108 above.

114. Regarding Employee Stair: 5/A501 shows the toe of channel pointed in, and detail 8/A501 shows toe of channel pointed out. Please clarify channel direction.

A.114. See Detail 8/A501 for channel orientation.

115. Regarding Employee Stair: Detail 7/A501 calls out 1 x 1 5/8 tubing beyond. A.) it does not say what kind of material. Please clarify. B.) This is not a valid size for either bronze or steel, please clarify.

A.115. Bronze tubing as post to be 1 x 1-1/2. See corrected drawing A 501 in this addenda.

116. Regarding details 5, 7, 8 / A501, what material, size, shape is the top bar and grab rail?

GSD136433
Questions and Agency Responses
After 1/31/2014

A.116. See corrected drawing A 501 in this addenda.

117. Please provide attachment detail for rail to stair stringer and rail to upper platform at employee stair.

A.117. See corrected drawing A 501 in this addenda.

118. Detail 7/A501 – 1 ¼ x ½ bronze channel nickel silver tubing, please clarify what this is.

A.118. Omit nickel silver tubing from note, see new drawing A 501. Nickel silver tubing refers only to 1-1/2" dia. Handrail.

119. Detail 4/A501 – ramp rail at bottom of stair, what holds up the rail at this point?

A.119. See corrected drawing A 501 in this addenda.

120. What is the intended method to join members? A braze – solder method is very expensive. Will bolting be acceptable? Please provide details and methodology.

A.120. Braze solder is expected, bolting and or exposed fasteners are not allowed on Fall and Guard protection. Handrail brackets may be bolted with tamper resistant fasteners.

121. Spec's 092216 call for Non-Loadbearing interior walls to be 18 gauge Studs. Partition types shows 20 gauge track. Are we to provide 18 gauge studs and 20 gauge track?

A.121 Track and studs are to be 18 ga.

122. Detail 1 A305 shows 1 5/8" 18 gauge studs and track. The smallest stud we can get in this gauge 2 1/2". Is this an acceptable substitute? or do we need to maintain 1 5/8" with a 20 gauge CSJ structural stud.

A.122. 1 5/8" Stud to be 18 GA.

123. Detail 1 A505 Bulkhead appears to show 2 layers of something on studs, 1st layer goes to deck and 2nd layer stops 6" above ceiling. What is the material of the 1st layer?

A.123. Only 1 layer of Gypsum Board is used at that location.

124. Reflected ceiling Plan A112 has what appears to be a bulkhead above the DP walls. No Tags are given for these areas Room 139 thru 143. Please advise design intent.

A.124. The ceiling in that area will be continuous above DP walls.

GSD136433
Questions and Agency Responses
After 1/31/2014

125. A114 appears to show bulkheads for Demountable Partitions, no tags are given in the following areas please provide detail if bulkheads are required in these areas. Rooms 303, 306 , 307, 310, 311, 331, & 332

A.125. See detail 12/A502. Ceilings to be continuous in above locations.

126. A115 appears to show bulkheads above the Demountable Partitions, no tags are given please provide detail if bulkheads are required in these locations. Rooms 409 thru 422 & 451 thru 459.

A.126. Dashed lines are DPs below, ceiling to be continuous.

127. Detail 9 on sheet A507 typical Relief & Pour Stop shows 12 gauge bottom track typical at all exterior walls with 6" 16 gauge & 18 gauge studs. What gauge track will be used at the sill track below windows, the header track, and the top track be? Detail 3 on Sheet A506 Parapet Wall also calls for 12 gauge Track with 6" 18 gauge studs. what will the top track be.

A.127. All tracks will be 12 GA.

128. Main Lobby Glass @ room 101. Detail 7 on Sheet A502 The detail for ACT Ceiling terminating at glass mullion is not clear as drawn. The bulkhead framing inside room 101 doesn't allow place for Wall Angle and tile to be installed. This detail will work for opposite side of wall which is a drywall ceiling.

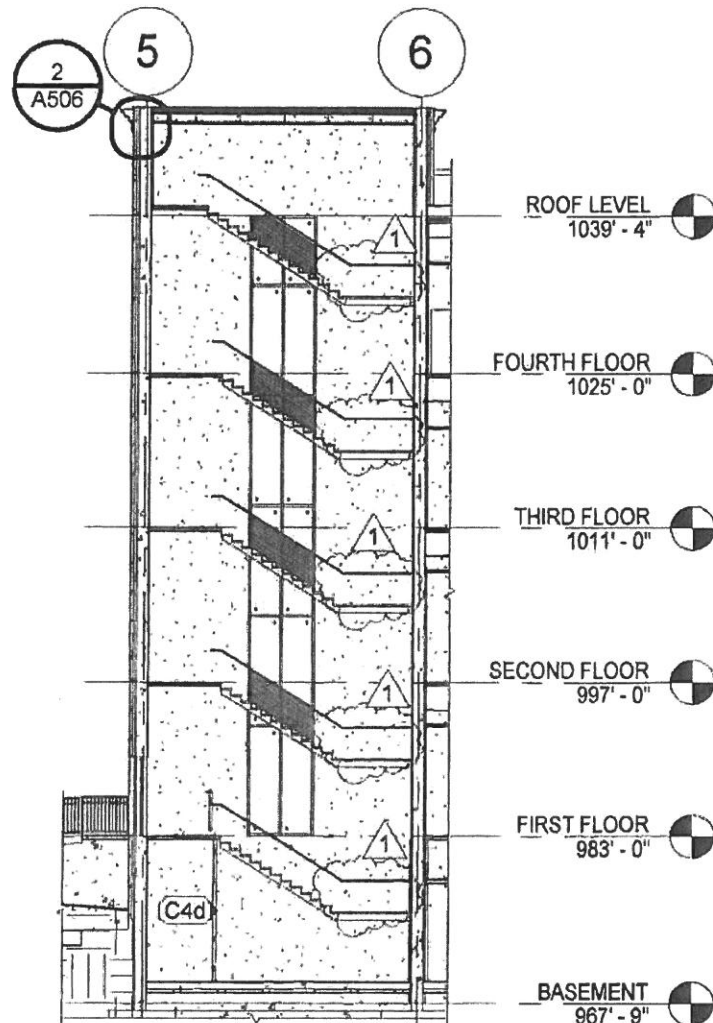
A.128. ACT Ceiling termination should be similar to detail 5/A502 with a GYP BD. bulkhead.

129. On the elevation A305, it looks as though there is an enclosed mounting box for the roller shades, yet the specifications call for a front fascia, top/back fascia, and a pocket style headbox. Which of these options do you desire? If a pocket style headbox is desired, how is it proposed to be attached to the building if jamb attachment is specified? Will the general contractor be responsible for installing the pocket style headboxes, if desired, or will the shade contractor be responsible?

A.129. See modified specification item 2.12 on Addenda 004, Division 12 2413 Roller Window Shades.

130. On the curtain wall where the windows are 144" total across, will the window shade contractor be allowed to attach either center or end supports to the window mullion in the middle of this span? I understand that jamb attachment is desired, but on a window of this width, there should be center supports to prevent the shades from sagging in the middle.

A.130. Provide attachment clip to center mullion.



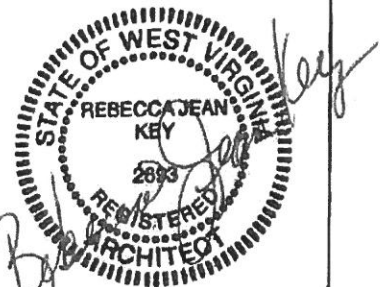
REVISED S1 NORTH SECTION

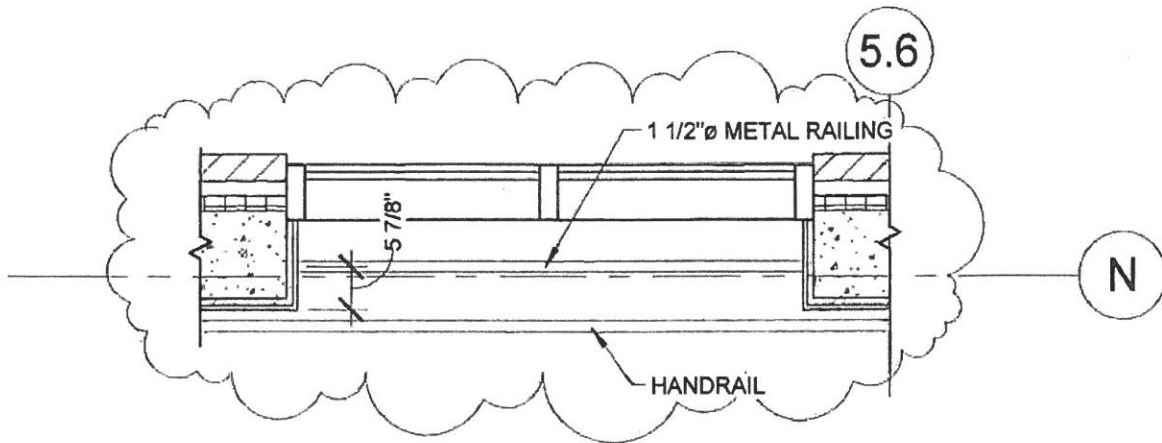


ALPHA ASSOCIATES, INC.
209 PRAIRIE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX 304.296.8216
TOLL FREE: 800-640-8216
www.thinkalphafirst.com

ADDENDUM DOCUMENT

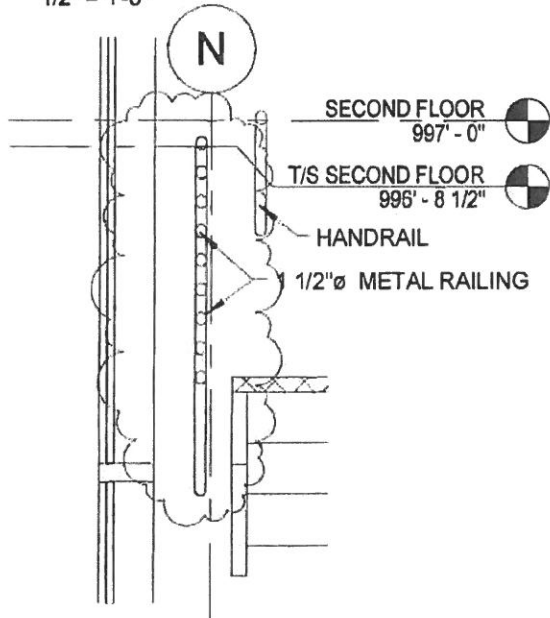
REV BY: RJK	ADDENDUM 4	DWG. NO: AD004 1 OF 7
DWG. BY: LRC		RFI NO:
DATE: 2/24/2014		SHEET REF: A401
PROJECT NAME: CLARKSBURG STATE OFFICE BUILDING		PROJECT NO: 0810123.05





REVISED S1 ENLARGED SECOND, THIRD, & FOURTH FLOOR PLAN

1/2" = 1'-0"



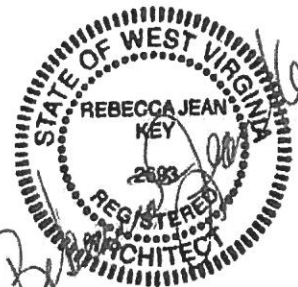
SECTION @ DIAGONAL FALL PROTECTION

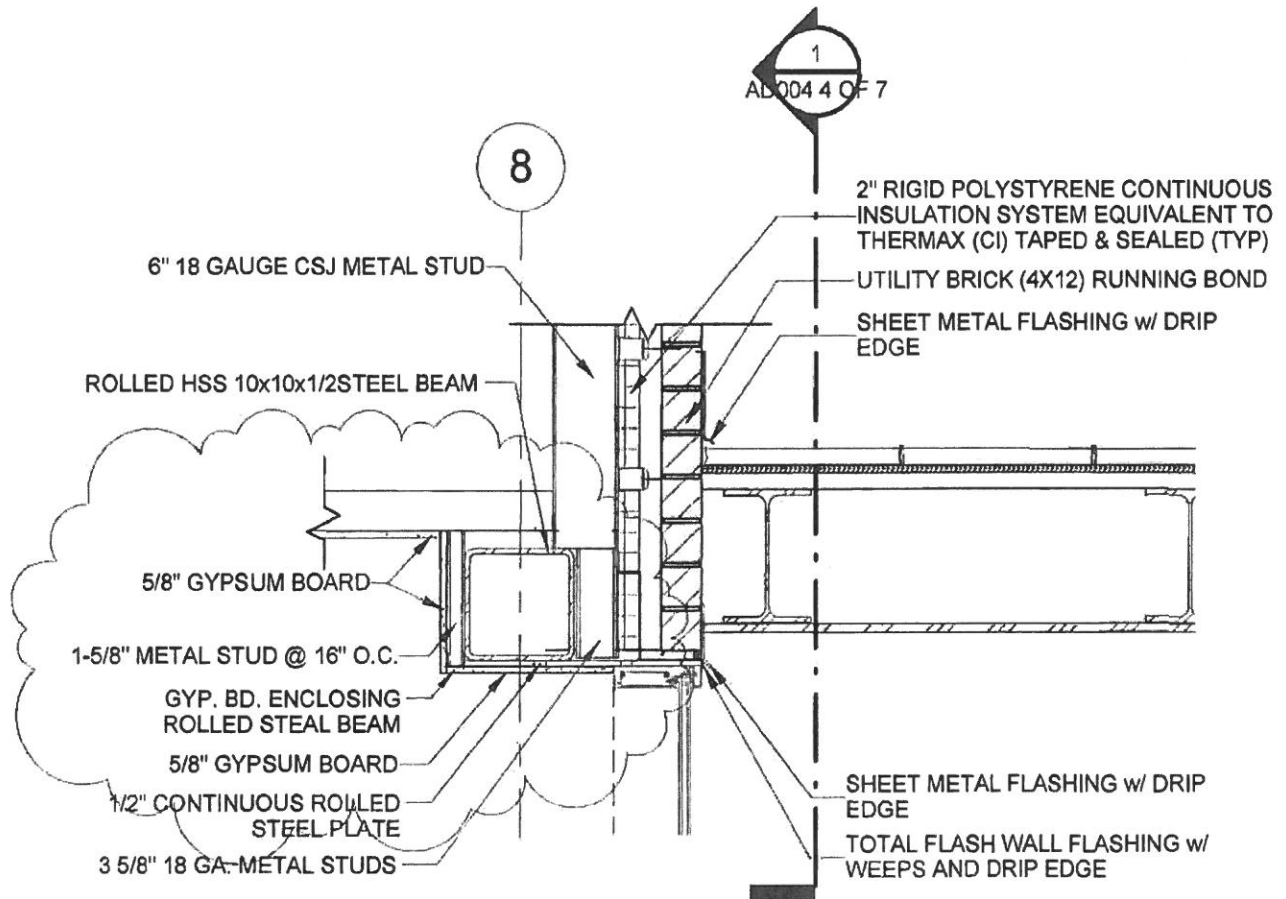


ALPHA ASSOCIATES, INC.
209 PRAIRIE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX 304.296.8216
TOLL FREE: 800-640-8216
www.thinkalphafirst.com

ADDENDUM DOCUMENT

REV BY: RJK	ADDENDUM 4	DWG. NO: AD004 2 OF 7
DWG. BY: LRC		RFI NO:
DATE: 2/24/2014		SHEET REF: A401
PROJECT NAME: CLARKSBURG STATE OFFICE BUILDING		PROJECT NO: 0810123.05





REVISED EMPLOYEE STAIR CURTAIN WALL SECTION

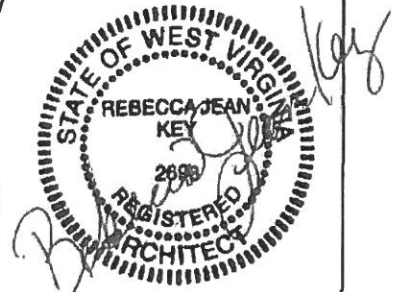
3/4" = 1'-0"

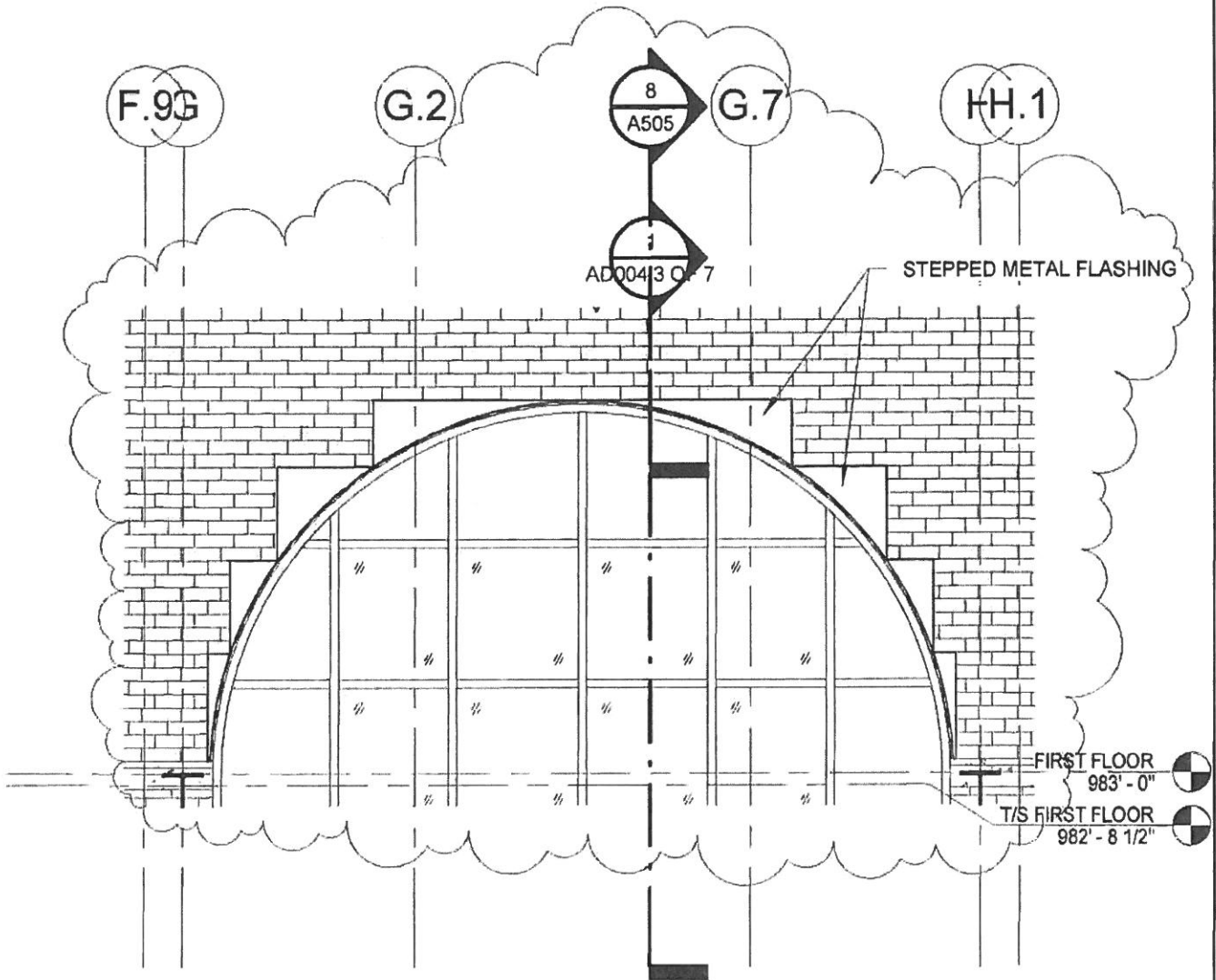


ALPHA ASSOCIATES, INC.
209 PRAIRIE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX 304.296.8216
TOLL FREE: 800-640-8216
www.thinkalphafirst.com

ADDENDUM DOCUMENT

REV BY: RJK	ADDENDUM 4	DWG. NO: AD004 3 OF 7
DWG. BY: LRC		RFI NO:
DATE: 2/24/2014		SHEET REF: A505
PROJECT NAME: CLARKSBURG STATE OFFICE BUILDING		PROJECT NO: 0810123.05





REVISED CANOPY FLASHING



ALPHA ASSOCIATES, INC.
209 PRAIRIE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX 304.296.8216
TOLL FREE: 800-640-8216
www.thinkalphafirst.com

ADDENDUM DOCUMENT

REV. BY: RJK	ADDENDUM 4	DWG. NO: AD004 4 OF 7
DWG. BY: LRC		RFI NO:
DATE: 2/24/2014		SHEET REF: A402
PROJECT NAME: CLARKSBURG STATE OFFICE BUILDING		PROJECT NO. 0810123.05



LIGHT SHELF AND ROLLER SHADE LOCATION SCHEDULE

ROOM NUMBER	Window Type	LIGHT SHELF		Roller Shade		NOTES
		YES	NO	YES	NO	
GROUND FLOOR						
G08	W1					3
G09	W1					3
G11	W1					3
FIRST FLOOR						
101	W1					2,3
102	W1					2,3
104	W1					2,3
107	W2					2,3
108	W2					3
109	W2					1,3
110	W2					1,3
111	W2					1,3
112	W2					3
113	W2					2,3
123	W1					2,3
125	W1					2,3
138	W1					2,3
139	W2					2,3
140	W2					2,3
143	W2					2,3
142	W2					2,3
143	W2					2,3
144	W2					2,3
SECOND FLOOR						
200	Curtain Wall					3
206	W4					2,3
205	W2					2,3
208	W2					1,2,3
218	W2					2,3
223	W2					1,2,3
229	W5					3
229	W2					3
234	W1					2,3
235	W5					3
241	W2					2,3
248	W3					1,2,3
248	W2					1,2,3
250	W2					2,3
THIRD FLOOR						
312	W1					2,3
31A	W2					2,3
313	W3					3
315	W2					3
318	W5					3
319	W2					3
319	W5					3
325	W2					2,3
328	W2					2,3
328	W3					2,3
336	W4					2,3
337	Curtain Wall					3
338	W4					2,3
340	W2					2,3
347	W2					2,3
FOURTH FLOOR						
418	W2					1,2,3
421	W3					1,3
421	W1					2,3
450	W4					2,3
450	Curtain Wall					3,4
457	W2					2,3
458	W2					2,3
459	W2					2,3
460	W2					2,3
461	W2					2,3
462	W2					2,3
NOTES						
1 Window is split with room partition, see drawing A.						
2 Mount roller shade under light shelf.						
3 Mount roller shade at header of window.						
4 Do not provide shade for arched area of curtain wall.						
5 Light shelves to be installed per Section 5/A301						

NOTES

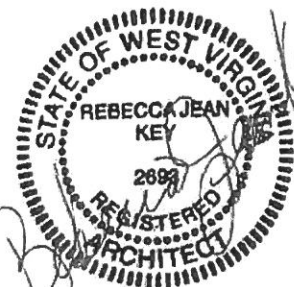
- 1 Window is split with room partition, see drawing.
- 2 Mount roller shade under light shelf.
- 3 Mount roller shade at header of window.
- 4 Do not provide shade for arched area of curtain wall.
- 5 Light shelves to be installed per Section 1/A301

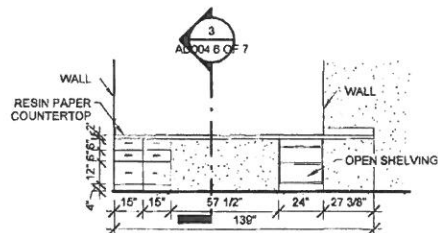


ALPHA ASSOCIATES, INC.
209 PRAIRIE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX 304.296.8216
TOLL FREE: 800-640-8216
www.thinkalphafirst.com

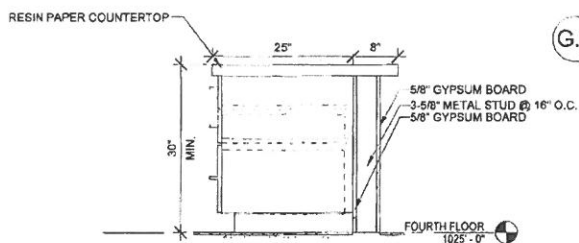
ADDENDUM DOCUMENT

REV. BY: RJK	ADDENDUM 4	DWG. NO: AD004 5 OF 7
DWG. BY: LRC		RFI NO:
DATE: 2/24/2014		SHEET REF: A604
PROJECT NAME: CLARKSBURG STATE OFFICE BUILDING		PROJECT NO: 0810123.05

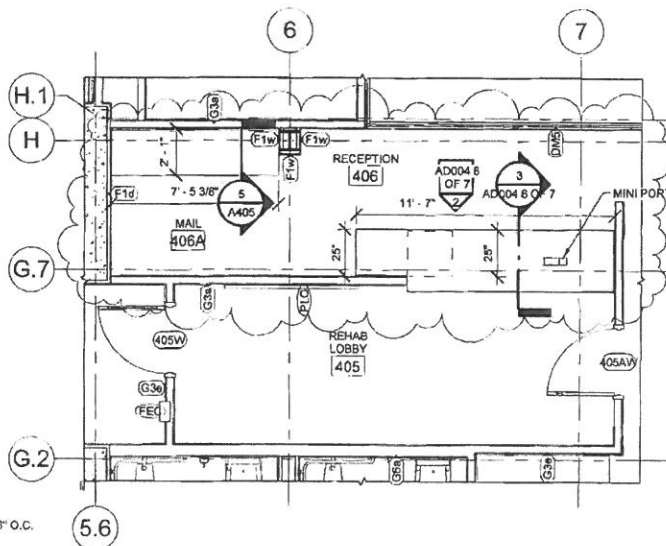




2 406 RECEPTION SOUTH VIEW
1/4" = 1'-0"



3 406 RECEPTION CABINET SECTION
3/4" = 1'-0" NOTE: SEE GENERAL CABINET NOTES ON SHEET A404. (EXCLUDING NOTE J)



406 RECEPTION ENLARGED FLOOR PLAN



CLARKSBURG STATE OFFICE BUILDING
FOR
GENERAL SERVICES DIVISION
CHARLESTON, WV

REVISIONS

No. Description Date

1. 2/27/2014 1:55:17 PM

406 RECEPTION CLARIFICATIONS

PROJ. NO.: 0810123.05

DATE: NOVEMBER

19, 2013

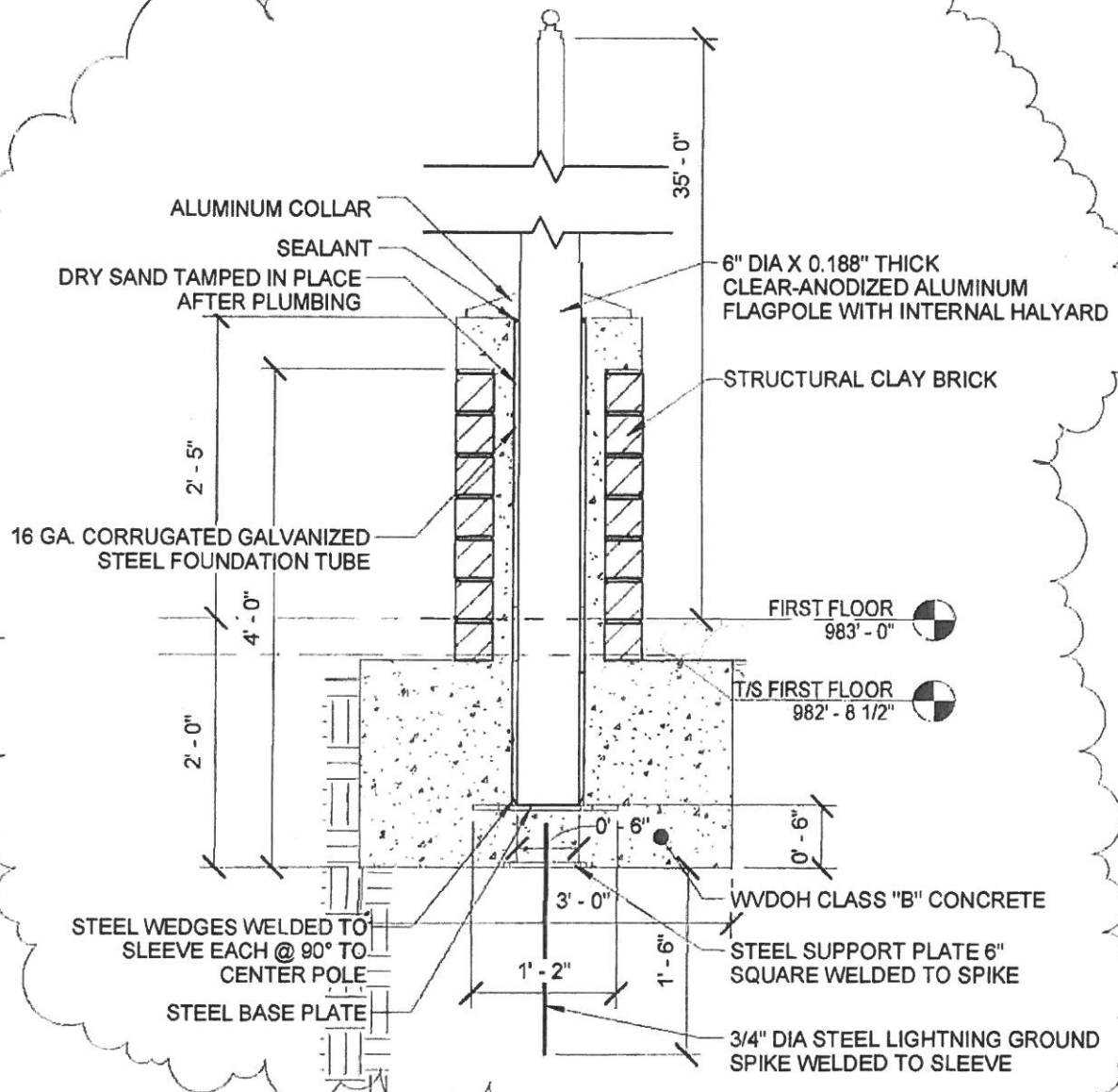
AD004 6 OF 7

ISSUED FOR BIDDING



ALPHA ASSOCIATES, INC.
209 PRAIRIE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX: 304-294-8214
TOLL FREE: 800-640-8214
www.thinkALPHAfirst.com

COPYRIGHT 2013 ALPHA ASSOCIATES, INC. ALL RIGHTS RESERVED



FLAGPOLE DETAIL

3/4" = 1'-0"



ALPHA ASSOCIATES, INC.
209 PRAIRIE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX 304.296.8216
TOLL FREE: 800-640-8216
www.thinkalphafirst.com

ADDENDUM DOCUMENT

REV BY: RJK	ADDENDUM 4	DWG. NO: AD004 7 OF 7
DWG. BY: LRC		RFI NO:
DATE: 2/24/2014		SHEET REF: A504
PROJECT NAME: CLARKSBURG STATE OFFICE BUILDING		PROJECT NO: 0810123.05



SECTION 28 16 45 – AREA OF RESCUE ASSISTANCE SYSTEMS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Area of Rescue Assistance system.

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.
 - 1. Detail equipment assemblies and indicate dimensions, weights, required clearances, method of field assembly, components, and location and size of each field connection.
 - 2. Include scaled drawings for master station that detail built-in equipment.
 - 3. Wiring Diagrams: For power, signal, and control wiring.
 - a. Identify terminals to facilitate installation, operation, and maintenance.
 - b. Single-line diagram showing interconnection of components.
 - c. Cabling diagram showing cable routing.
- C. Qualification Data: For qualified Installer.
- D. Field quality-control reports.
- E. Operation and Maintenance Data: For intercommunications and program systems to include in operation and maintenance manuals. In addition to items specified in Section 017823 "Operation and Maintenance Data," include the following:
 - 1. A record of Owner's equipment-programming option decisions.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation of units required for this Project.
- B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

- C. Comply with NFPA 70.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to the following:
 - 1. Jeron Electronic Systems, Inc.
 - 2. TekTone® Sound & Signal Mfg., Inc.+

2.2 GENERAL INFORMATION

- A. The contractor shall furnish and install all equipment, accessories and materials necessary for a complete operating system in accordance with the specifications and applicable drawings.
- B. All components and the system as a whole shall meet or exceed the minimum standards issued by the EIA. All work in conjunction with this installation shall meet the provisions of the National Electrical Code.
- C. The system shall conform to the requirements stated in the current Americans with Disabilities Act (ADA). The power transformer shall be listed by Underwriters Laboratories Inc.
- D. Each major component shall bear the manufacturer's name, and catalog number.
- E. The contractor shall be responsible for providing a complete functional system including all necessary components, whether included in this specification or not.
- F. The contractor shall guarantee availability of local service by factory-trained personnel from an authorized distributor of the equipment manufacturer. The distributor shall have available a stock of the manufacturer's standard parts. On-the-premises maintenance shall be provided, at no cost to the purchaser, for a period of twelve (24) months from date of completion of installation, unless damage or failure is caused by misuse, abuse or accident.

2.3 SYSTEM DESCRIPTION

- A. The system shall comply with the Americans with Disabilities Act of 1990.
- B. System shall consist of microprocessor-controlled main control unit, master console, and remote stations.
- C. Main control shall provide power, voice amplification, signal tones, and multiplex control logic for Consoles and Remote Stations.
- D. System shall be capable of utilizing Category-5 type cable or shielded cabling to interconnect system components. Category-5 wire termination shall be accomplished according to ANSI Standard T568A.
- E. A self-charging battery backup shall maintain full system function during line power outages. Non-volatile program memory shall eliminate the need to reprogram the system if power is disconnected.

- F. The main control shall continuously test system for master and remote call station response. Diagnostic messages shall be reported to master consoles.
- G. Master Consoles shall:
 - 1. Be available for surface or flush wall mounting.
 - 2. Provide alphanumeric display of station number and location.
 - 3. Be handset privacy or hands-free communications.
 - 4. Have programmable station name/location display at Master Consoles.
 - 5. Page a group of up to 10 Remote Call Stations.
 - 6. Display multiple calls simultaneously.
- H. Remote Call Stations shall:
 - 1. Be setup so that canceling a call from station shall only be possible after acknowledging the call at the Master Console.
 - 2. Be hands-free communications with other stations.
- I. Plug-in terminations on all Master Consoles and Remote Call Stations.
- J. Spill-proof membrane keypad on Master Console. Touch keypad on touchscreen console.
- K. Backlit display panel shall provide low-light readability on the Master Console.

2.4 SYSTEM OPERATION

- A. Placing calls from remote call stations
 - 1. Calls shall be placed on the system by momentarily pressing the call button on the Remote Call Station. This action shall cause the following to occur:
 - a. The Remote Call Station's green call placed LED indicator shall light steadily.
 - b. An alert tone shall pulse once at the Remote Call Station to verify call placement on the system.
 - c. The LCD display at the Master Console shall show the location of the calling station by name and number and an alert tone shall sound.
 - d. The Master Console shall have the capability to display multiple calls simultaneously.
- B. Acknowledging/Answering Calls at the Master Console
 - 1. The attendant shall acknowledge the call by either pressing the Push-to-Talk.
 - 2. When the call is acknowledged at the Master Console, the green Call Placed LED shall remain lit, the red Monitor LED on the Remote Call Station shall light steadily, and an alert tone shall pulse once.
 - 3. The LCD display on the Master Console shall show the name and number of the selected station and "CONNECTED", indicating that voice communication between the Master Console and the Remote Station exists.
 - 4. Hands-free, two-way communication may be conducted with the Master Console using the Remote Call Station's built-in loudspeaker.
 - 5. If an acknowledged call is placed on hold, the Remote Call Station green LED indicator shall flash, the red LED shall extinguish, and a pulse tone shall be emitted every two seconds.

C. Canceling Calls

1. An incoming call shall only be canceled from the Master Console after it has been acknowledged. After the call has been canceled, the LED indicator extinguishes and communication is terminated.

D. Originating Calls at the Master Console

1. The Master Console shall be capable of initiating audio communication with a Remote Call Station at any time by dialing the station number on its keypad. The Master shall also be capable of paging a group of up to 10 Remote Call Stations to broadcast evacuation information.

E. Supervision

1. In the event of circuit trouble with any Remote Call Station, the Master Console shall display the name and number of the station and "TROUBLE."

2.5 EQUIPMENT

A. Master Console

1. Shall provide two-way voice communication between the Master Console and the Remote Call Stations. The Master shall be housed in a beige molded plastic console and shall include a spill-proof keypad providing the following touchpoints:
 - a. 16 button input keypad
 - b. Enter/Talk
 - c. Hold/Clear
 - d. Speed Menu
 - e. Tone Silence
 - f. Scroll
 - g. Volume Up/Down
 - h. Cancel
 - i. Cancel All
 - j. Menu
2. The Master Console shall incorporate:
 - a. High impact, flame-retardant ABS telephone handset.
3. Built-in microphone
4. Yellow backlit display with four-line x 16-character LCD panel
5. The Master Console shall indicate the name and number of the calling station on its LCD display.
6. It shall be possible to page a group of up to 10 Remote Call Stations.
7. Provide with appropriate

B. Main Control

1. The Main Control shall be a multiplex, microprocessor-based and shall provide signal control electronics, audio amplifier, and line power supply for the system. Main Control shall be equipped with quick disconnect circuitry. Built-in diagnostic shall indicate wiring or component failure. Unit shall be equipped with battery back-up, capable for of powering equipment for 90 minutes.

2. The Main Control shall be equipped with the following diagnostic indicator LEDs:
 - a. Green – valid configuration
 - b. Red – data bus fault

C. Remote Call Station

1. Remote Call Station shall be equipped with a black molded, thermoset plastic, momentary call pushbutton, a green Status LED, a red Monitor LED, and a 2.75 in. oval speaker. The speaker shall provide for communication with the Master Console.
2. The two-gang faceplate shall be constructed of thermoset plastic with separate red and white modular subplates and matching plastic hardware. The unit shall be suitable for flush wall mounting. Mounting: Raco 232 2-gang box with 778 raised 2-gang cover or equivalent.

2.6 CONDUCTORS AND CABLES

- A. Conductors: Jacketed, twisted pair and twisted multipair, untinned solid copper. Sizes as recommended by system manufacturer, but no smaller than No. 22 AWG.
- B. Insulation: Thermoplastic, not less than 1/32 inch (0.8 mm) thick.
- C. Shielding: For speaker-microphone leads and elsewhere where recommended by manufacturer; No. 34 AWG, tinned, soft-copper strands formed into a braid or equivalent foil.
 1. Minimum Shielding Coverage on Conductors: 60 percent.
- D. Plenum Cable: Listed and labeled for plenum installation.

2.7 RACEWAYS

- A. Intercommunication and Program System Raceways and Boxes: Same as required for electrical branch circuits specified in Section 260533 "Raceway and Boxes for Electrical Systems."

PART 3 - EXECUTION

3.1 WIRING METHODS

- A. Wiring Method: Install cables in raceways and cable trays except within consoles, cabinets, desks, and counters, and except in accessible ceiling spaces and in gypsum board partitions where unenclosed wiring method may be used. Conceal raceway and cables except in unfinished spaces.
 1. Install plenum cable in environmental air spaces, including plenum ceilings.
 2. Comply with requirements for raceways and boxes specified in Section 260533 "Raceway and Boxes for Electrical Systems."
- B. Wiring Method: Conceal conductors and cables in accessible ceilings, walls, and floors where possible.
- C. Wiring within Enclosures: Bundle, lace, and train cables to terminal points with no excess and without exceeding manufacturer's limitations on bending radii. Provide and use lacing bars and distribution spools.

3.2 INSTALLATION OF RACEWAYS

- A. Comply with requirements in Section 260533 "Raceway and Boxes for Electrical Systems" for installation of conduits and wireways.
- B. Install manufactured conduit sweeps and long-radius elbows whenever possible.

3.3 INSTALLATION OF CABLES

- A. Comply with NECA 1.
- B. General Requirements:
 - 1. Terminate conductors; no cable shall contain unterminated elements. Make terminations only at outlets and terminals.
 - 2. Splices, Taps, and Terminations: Arrange on numbered terminal strips in junction, pull, and outlet boxes; terminal cabinets; and equipment enclosures. Cables may not be spliced.
 - 3. Secure and support cables at intervals not exceeding 30 inches and not more than 6 inches from cabinets, boxes, fittings, outlets, racks, frames, and terminals.
 - 4. Bundle, lace, and train conductors to terminal points without exceeding manufacturer's limitations on bending radii. Install lacing bars and distribution spools.
 - 5. Do not install bruised, kinked, scored, deformed, or abraded cable. Do not splice cable between termination, tap, or junction points. Remove and discard cable if damaged during installation and replace it with new cable.
- C. Open-Cable Installation:
 - 1. Install cabling with horizontal and vertical cable guides in telecommunication spaces with terminating hardware and interconnection equipment.
 - 2. Cable shall not be run through structural members or be in contact with pipes, ducts, or other potentially damaging items.
- D. Separation of Wires: Separate speaker-microphone, line-level, speaker-level, and power wiring runs. Install in separate raceways or, where exposed or in same enclosure, separate conductors at least 12 inches apart for speaker microphones and adjacent parallel power and telephone wiring. Separate other intercommunication equipment conductors as recommended by equipment manufacturer.

3.4 INSTALLATION

- A. Match input and output impedances and signal levels at signal interfaces. Provide matching networks where required.
- B. Identification of Conductors and Cables: Color-code conductors and apply wire and cable marking tape to designate wires and cables so they identify media in coordination with system wiring diagrams.
- C. Speaker-Line Matching Transformer Connections: Make initial connections using tap settings indicated on Drawings.
- D. Connect wiring according to Section 260519 "Low-Voltage Electrical Power Conductors and Cables."

3.5 GROUNDING

- A. Ground cable shields and equipment to eliminate shock hazard and to minimize ground loops, common-mode returns, noise pickup, cross talk, and other impairments.
- B. Signal Ground Terminal: Locate at main equipment cabinet. Isolate from power system and equipment grounding.
- C. Install grounding electrodes as specified in Section 270526 "Grounding and Bonding for Communications Systems."

3.6 SYSTEM PROGRAMMING

- A. Programming: Fully brief Owner on available programming options. Record Owner's decisions and set up initial system program. Prepare a written record of decisions, implementation methodology, and final results.

3.7 FIELD QUALITY CONTROL

- A. Testing Agency: Engage a qualified testing agency to perform tests and inspections.
- B. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect, test, and adjust components, assemblies, and equipment installations, including connections.
- C. Perform tests and inspections.
 - 1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.
- D. Inspection: Verify that units and controls are properly labeled and interconnecting wires and terminals are identified. Prepare a list of final tap settings of paging speaker-line matching transformers.
- E. Area of Rescue Assistance systems will be considered defective if they do not pass tests and inspections.
- F. Prepare test and inspection reports.

3.8 STARTUP SERVICE

- A. Perform startup service and initial system programming.
 - 1. Verify that electrical wiring installation complies with manufacturer's submittal and installation requirements.
 - 2. Complete installation and startup checks according to manufacturer's written instructions.

3.9 ADJUSTING

- A. On-Site Assistance: Engage a factory-authorized service representative to provide on-site assistance in adjusting sound levels, resetting transformer taps, and adjusting controls to meet occupancy conditions.
- B. Occupancy Adjustments: When requested within 12 months of date of Substantial Completion, provide on-site assistance in adjusting system to suit actual occupied conditions. Provide up to two visits to Project during other-than-normal occupancy hours for this purpose.

3.10 DEMONSTRATION

- A. Train Owner's maintenance personnel to adjust, operate, and maintain the intercommunications and program systems.
 - 1. Train Owner's maintenance personnel on programming equipment for starting up and shutting down, troubleshooting, servicing, and maintaining the system and equipment.

END OF SECTION 28 16 45

Proposal Form

State of West Virginia – General Services Division
New State Office Building – Clarksburg
153 West Main Street

Project No. GSD136433

Name of Bidder: _____

The company above, hereinafter called Bidder, being familiar with and understanding the Bidding Documents and also having examined the site and being familiar with all local conditions affecting the project hereby proposes to furnish all labor, material, equipment, supplies and transportation and to perform all Work in accordance with the Bidding Documents within the time set forth for the sum of:

Clarksburg State Office Building Base Bid:

(Show amount in both words and numbers) (\$ _____)

(In the event of a difference between the written amount and the number amount, the written amount shall govern.)

A Unit Price is an amount stated in the Bid Form as a price per unit of measurement for materials, equipment or services or a portion of the Work as described in the Bidding Documents. Unit prices shall be used solely for the formulation of any change orders subsequently requested for the awarded contract.

Unit Price No. 1:	Removal of unsatisfactory soil and replacement with satisfactory soil material. 2,850 Cubic Yards is included in the Base Bid. See Section 31 2000 Earth Moving See Section 01 2200 Unit Prices	\$	_____	Add or Deduct Per Cubic Yard
Unit Price No. 2:	2'-6" diameter drilled concrete pier. 0'-0" Vertical Linear Feet is included in the Base Bid. See Section 31 6329 Drilled Concrete Piers and Shafts See Section 01 2200 Unit Prices	\$	_____	Add or Deduct Per Vertical Linear Foot

Unit Price No. 3:	<p>3'-0" diameter drilled concrete pier.</p> <p>0'-0" Vertical Lineal Feet is included in the base bid.</p> <p>See Section 31 6329 Drilled Concrete Piers and Shafts</p> <p>See Section 01 2200 Unit Prices</p>	\$		Add or Deduct Per Vertical Linear Foot
Unit Price No. 4:	<p>3'-6" diameter drilled concrete pier.</p> <p>229'-0" Vertical Linear Feet are included in the Base Bid.</p> <p>See Section 31 6329 Drilled Concrete Piers and Shafts</p> <p>See Section 01 2200 Unit Prices</p>	\$		Add or Deduct Per Vertical Linear Foot
Unit Price No. 5:	<p>4'-0" diameter drilled concrete pier.</p> <p>96'-0" Vertical Linear Feet are included in the Base Bid.</p> <p>See Section 31 6329 Drilled Concrete Piers and Shafts</p> <p>See Section 01 2200 Unit Prices</p>	\$		Add or Deduct Per Vertical Linear Foot
Unit Price No. 6:	<p>4'-6" diameter drilled concrete pier.</p> <p>518'-0" Vertical Lineal Feet are included in the Base Bid.</p> <p>See Section 31 6329 Drilled Concrete Piers and Shafts</p> <p>See Section 01 2200 Unit Prices</p>	\$		Add or Deduct Per Vertical Linear Foot
Unit Price No. 7:	<p>5'-0" diameter drilled concrete pier.</p> <p>229'-0" Vertical Lineal Feet are included in the Base Bid.</p> <p>See Section 31 6329 Drilled Concrete Piers and Shafts</p> <p>See Section 01 2200 Unit Prices</p>	\$		Add or Deduct Per Vertical Linear Foot
Unit Price No. 8:	<p>5'-6" diameter drilled concrete pier.</p> <p>337'-0" Vertical Lineal Feet are included in the Base Bid.</p> <p>See Section 31 6329 Drilled Concrete Piers and Shafts</p> <p>See Section 01 2200 Unit Prices</p>	\$		Add or Deduct per Vertical Linear Foot

Unit Price No. 9:	6'-0" diameter drilled concrete pier. 39'-0" Vertical Lineal Feet are included in the base bid. See Section 31 6329 Drilled Concrete Piers and Shafts See Section 01 2200 Unit Prices	\$	_____	Add or Deduct Per Vertical Linear Foot
Unit Price No. 10:	Removal of contaminated soil. 300 tons of contaminated soil is included in the base bid. See Sheet C101 Note 2, removal, Segregation, and disposal of contaminated soils and Ground Water. See Section 01 2200 Unit Prices	\$	_____	Add or Deduct Per Ton
Unit Price No.11:	Removal of contaminated ground water. 36,000 gallons of contaminated ground water is included in the base bid. See Sheet C101 Note 2, removal, Segregation, and disposal of contaminated soils and Ground Water. See Section 01 2200 Unit Prices	\$	_____	Add or Deduct Per Gallon

References:

Reference #1 Name: _____

Position: _____

Address: _____

Telephone Number: _____

Project Name: _____

Project Description: _____

Reference #2 Name: _____

Position: _____

Address: _____

Telephone Number: _____

Project Name: _____

Project Description: _____

Reference #3 Name: _____

Position: _____

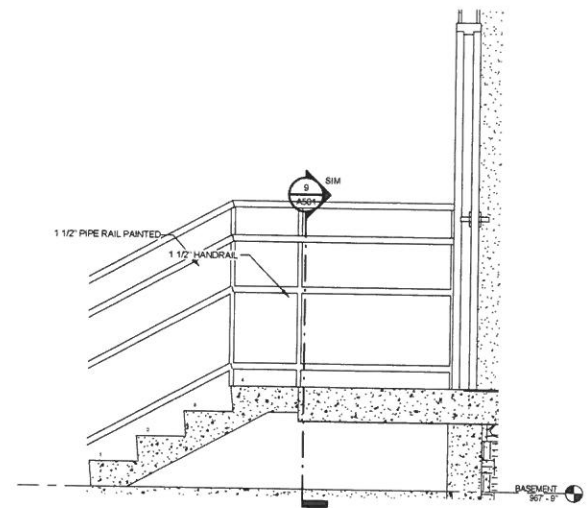
Address: _____

Telephone Number: _____

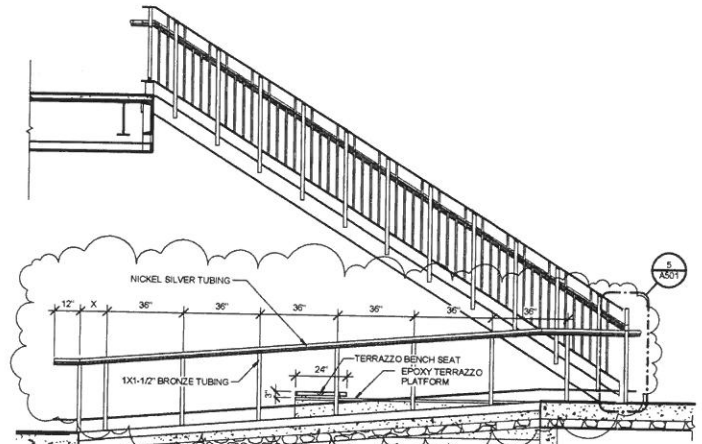
Project Name: _____

Project Description: _____

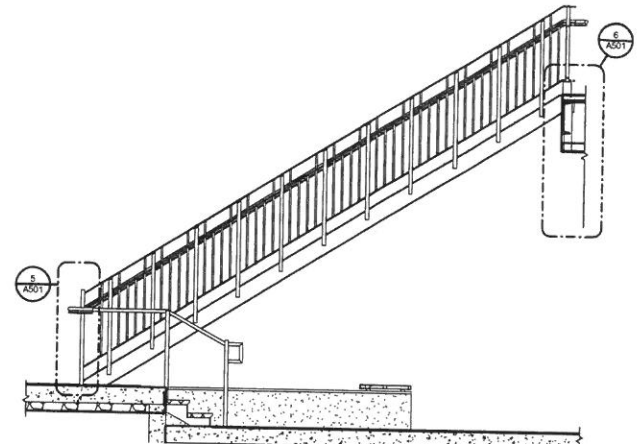
PROPOSALS MUST BE SUBMITTED IN SEALED ENVELOPES CLEARLY MARKED WITH THE PROJECT NAME
FOR WHICH A PROPOSAL IS BEING SUBMITTED



11 SECTION @ MECHANICAL STAIR
A501 3/4" = 1'-0"



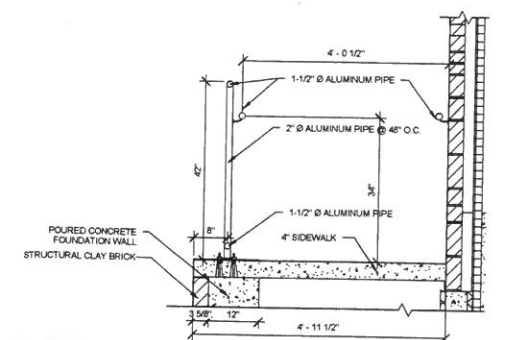
4 GOA EMPLOYEE STAIR NORTH VIEW
A501 3/8" = 1'-0"



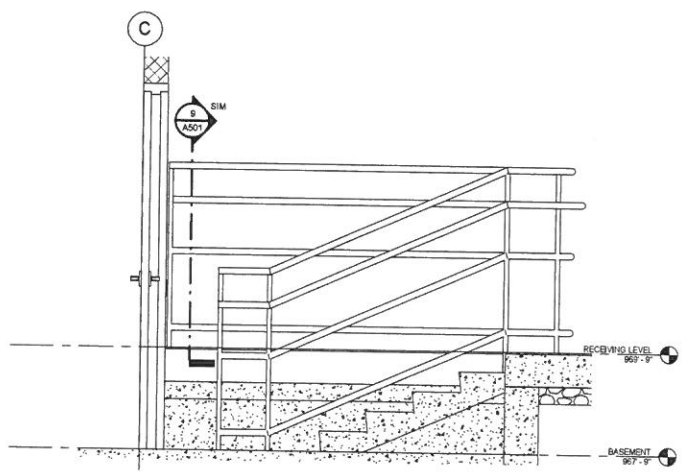
3 GOA EMPLOYEE STAIR SOUTH VIEW
A501 3/8" = 1'-0"

MONUMENTAL STAIR NOTES

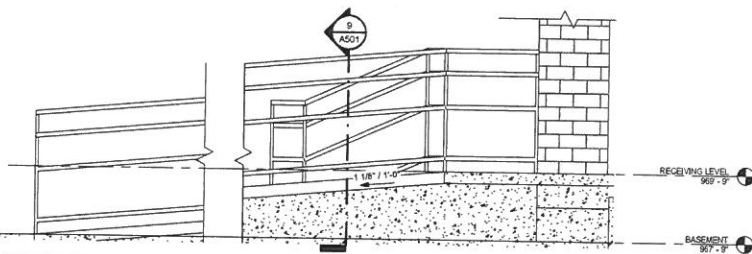
1. EPOXY TERRAZZO TREADS MAY BE PRE-CAST OR FORMED IN FIELD. STEEL BOTTOM PLATE TO BE WELDED TO STEEL SUPPORT ANGLE.
2. BRONZE COMPONENTS OF RAILS TO BE MFG. OF 38500 ARCHITECTURAL BRONZE, BRUSHED & LAQUEURED.
3. HANDRAIL & HANDRAIL BRACKETS TO BE MFG. OF 70600 LEADED NICKEL SILVER 10%.



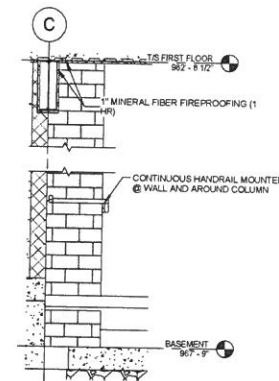
2 SECTION @ RAMP/SIDEWALK/CAST-STONE BASE
A501 3/4" = 1'-0"



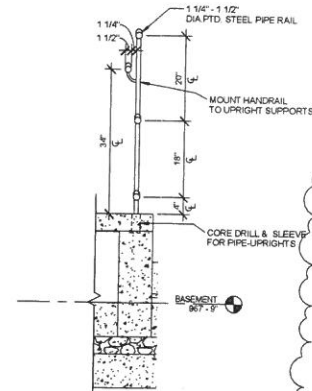
12 ELECTRICAL ROOM STAIR SECTION
A501 3/4" = 1'-0"



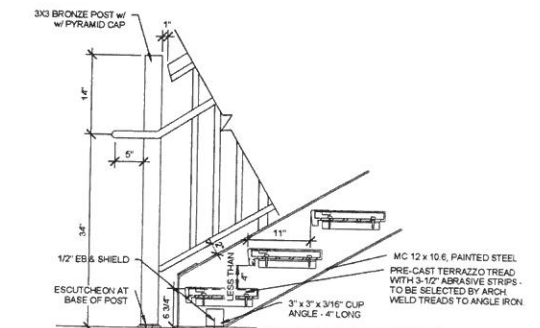
13 MECHANICAL ROOM RAMP DETAIL 1
A501 1/2" = 1'-0"



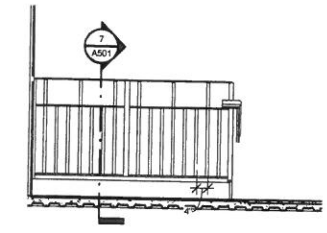
10 SECTION @ RECEIVING & BASEMENT LEVEL
A501 1/2" = 1'-0"



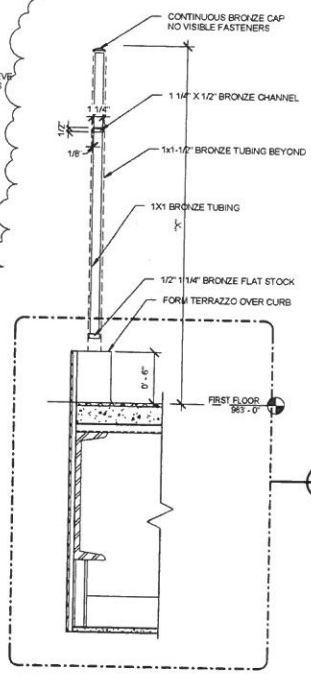
9 TYP INDUSTRIAL RAIL AT RAMPS/STAIRS IN MECH ROOM
A501 3/4" = 1'-0"



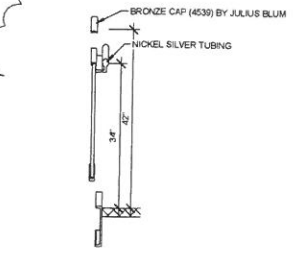
5 GOA EMPLOYEE STAIR BOTTOM LANDING DETAIL
A501 1" = 1'-0"



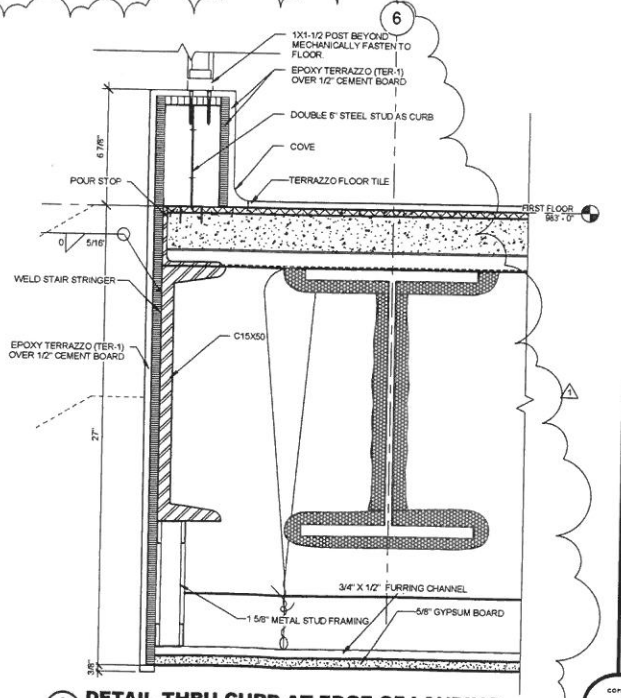
2 GOA EMPLOYEE STAIR RAIL
A501 1/2" = 1'-0"



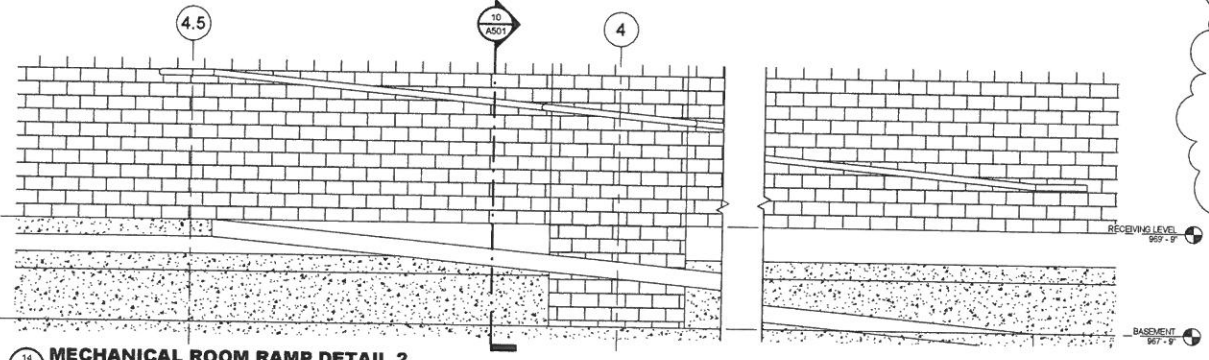
7 GOA SECTION @ MONUMENTAL RAIL
A501 1 1/2" = 1'-0"



8 MONUMENTAL STAIR RAILING DETAIL
A501 3/4" = 1'-0"



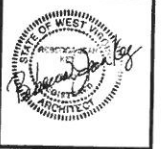
6 DETAIL THRU CURB AT EDGE OF LANDING
A501 3" = 1'-0"



14 MECHANICAL ROOM RAMP DETAIL 2
A501 3/4" = 1'-0"

CLARKSBURG STATE OFFICE BUILDING
FOR
GENERAL SERVICES DIVISION
CHARLESTON, WV

H.F. LENZ COMPANY
1407 Sculp Avenue
Johnstown, PA 15704-3329
Phone: 814-245-9301
Fax: 814-245-9300
www.hf-lenz.com



REVISIONS			
NO.	DESCRIPTION	DATE	BY

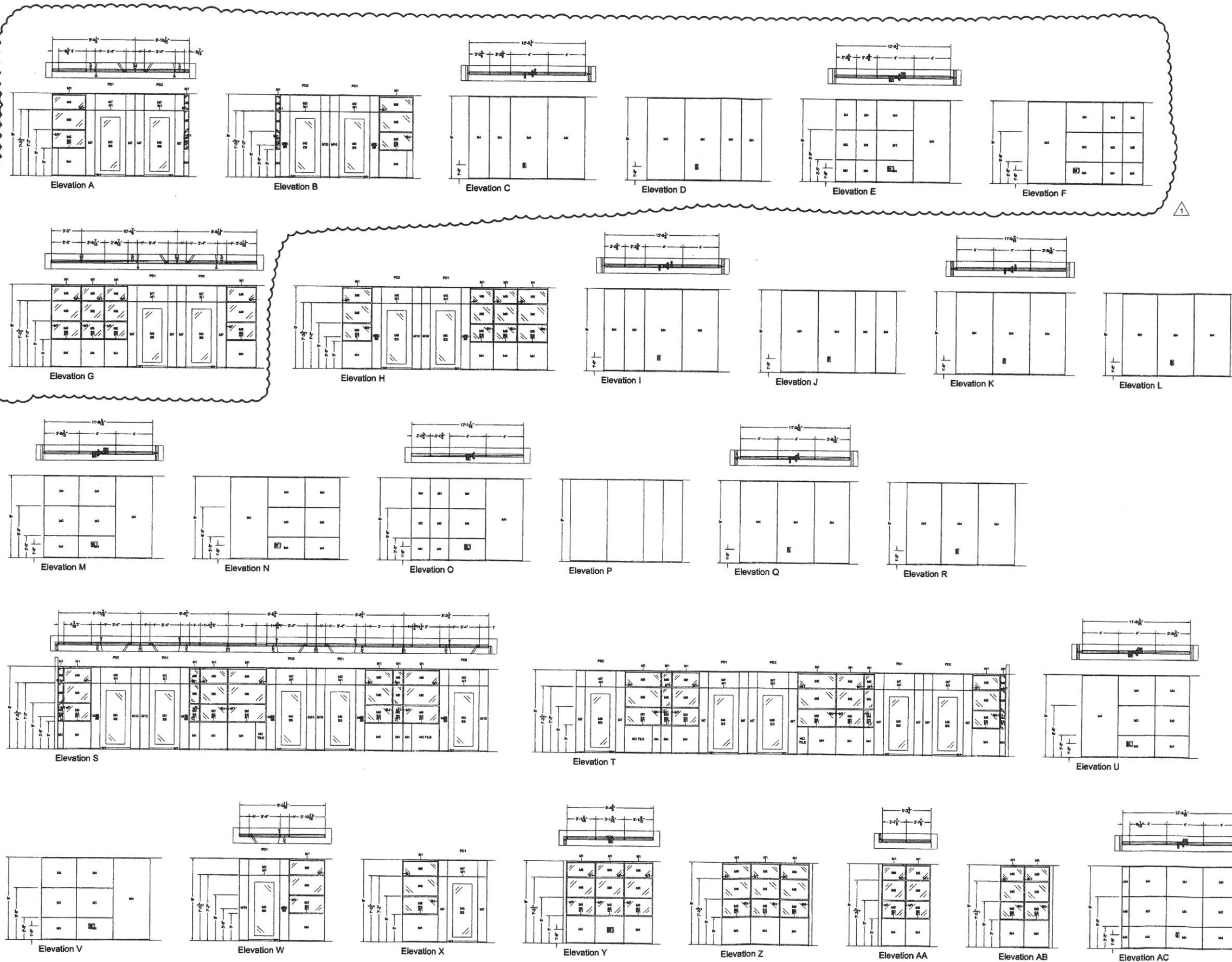
PROJECT NO.: 0610123.05
DATE: NOVEMBER 19, 2013
SHEET NO.: **A501**



ALPHA ASSOCIATES, INC.
201 PAINE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX: 304-274-8216
TOLL FREE: 800-440-8214
www.thinkALPHA.net

STAIR DETAILS

ISSUED FOR BIDDING



ELEVATIONS

SCALE: 1/4" = 1'

SEE SHEET A609 FOR LOCATION OF WALLS.



ALPHA ASSOCIATES, INC.
207 PRAIRIE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX: 804-391-8214
TOLL FREE: 800-440-8214
www.alphaassociates.com

CLARKSBURG STATE OFFICE BUILDING
FOR
GENERAL SERVICES DIVISION
CHARLESTON, WV

H.F. LENZ
COMPANY
1407 Soapy Avenue
Johnstown, PA 15804-3329
Phone: 814-268-6311
FAX: 814-268-6300
www.hflenz.com

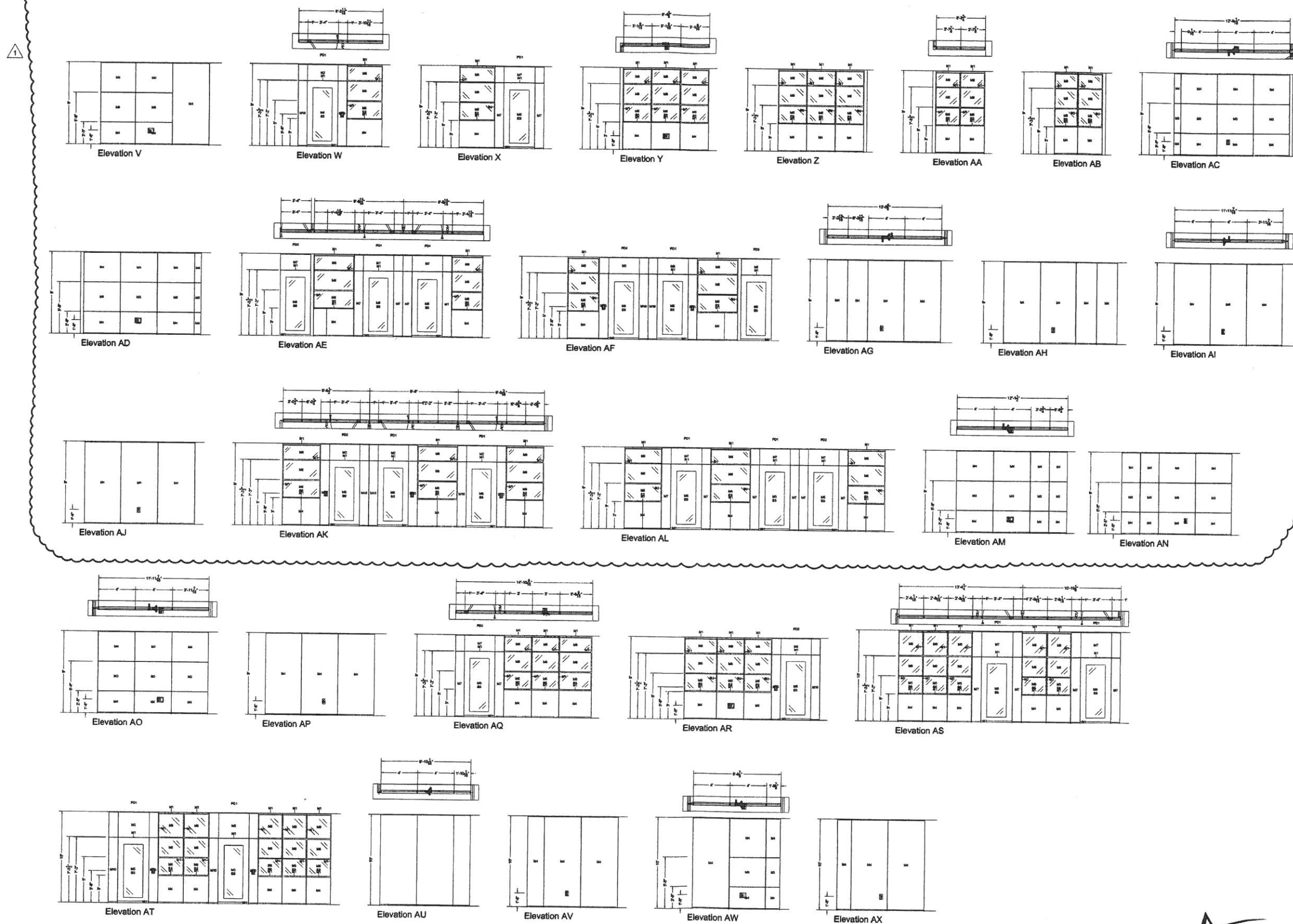


NO.	REVISIONS	DATE
1	ISSUED FOR BIDDING	11/19/2013

PROJ. NO.: 0810123.05
DATE: NOVEMBER 19, 2013
SHEET NO.:

DEMOUNTABLE
PARTITIONS 2ND FLOOR

A611



ELEVATIONS

SCALE: 1/4" = 1'

SEE SHEET A610 FOR PLAN LOCATION OF WALLS.

CLARKSBURG STATE OFFICE BUILDING
FOR
GENERAL SERVICES DIVISION
CHARLESTON, WV

H.F. LENZ COMPANY
1427 Scalp Avenue
Johnstown, PA 15904-3323
Phone: 814-269-6301
Fax: 814-269-6300
www.hflenz.com



COPYRIGHT © 2011 ALPHA ASSOCIATES, INC.
ALL RIGHTS RESERVED

NO.	REVISIONS	DATE
1	ISSUED FOR BIDDING	11/19/2011

PROJ. NO.: 0810123.05
DATE: NOVEMBER 19, 2011
SHEET NO.:

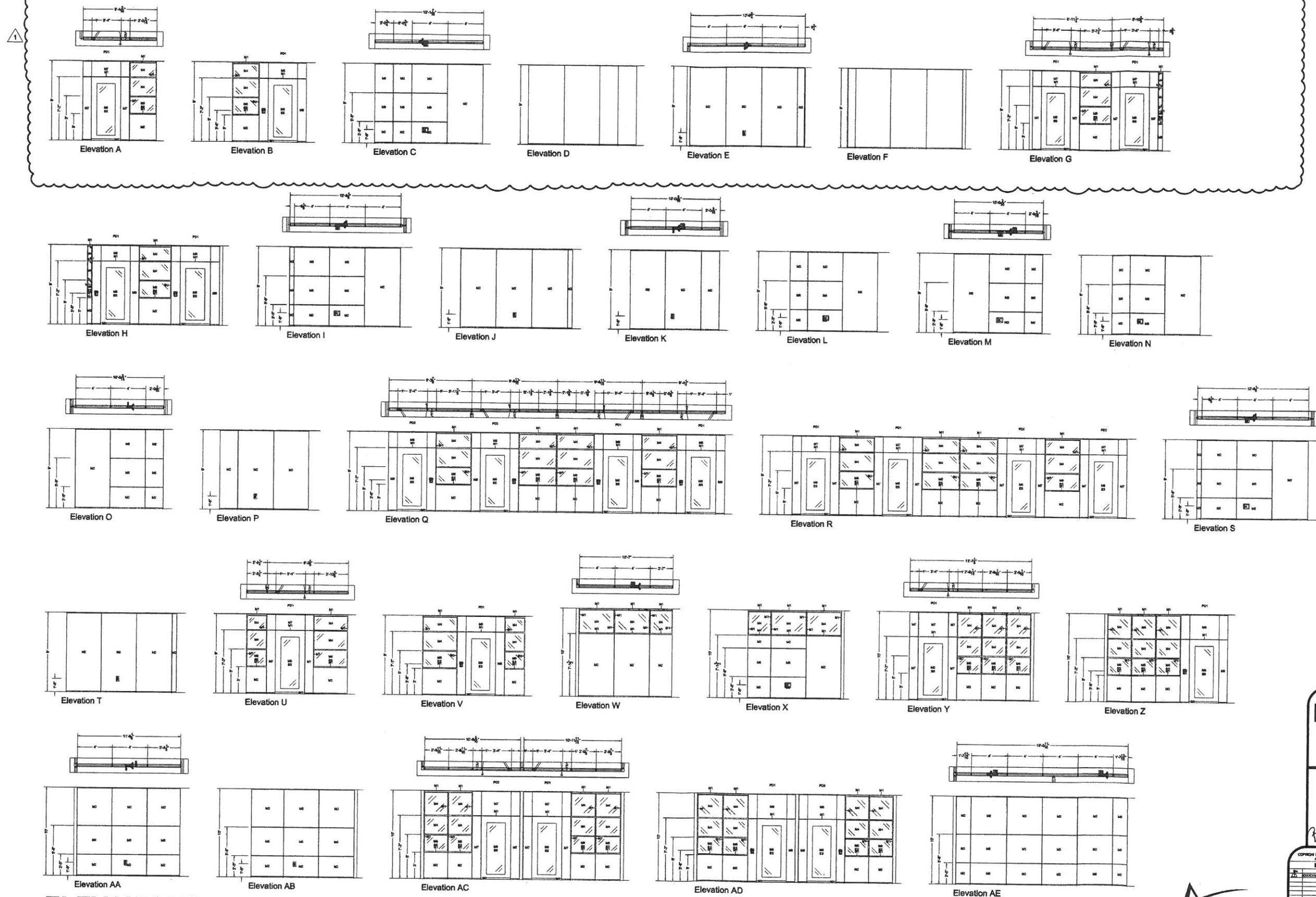
A612

Alpha
ARCHITECTS

ALPHA ASSOCIATES, INC.
209 PEASLEE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX: 304-294-6216
TOLL FREE: 800-440-6216
www.alphaupland.com

DEMOUNTABLE
PARTITIONS 2ND FLOOR

ISSUED FOR BIDDING



ELEVATIONS

SCALE: 1/4" = 1'

NOTE: ELEVATIONS A THRU AE ON SHEET A614 ELEVATIONS AF THRU AL ON A615.

SEE SHEET A613 FOR PLAN LOCATION OF WALLS.

CLARKSBURG STATE OFFICE BUILDING
FOR
GENERAL SERVICES DIVISION
CHARLESTON, WV

H.F. LENZ COMPANY
1407 Scaly Avenue
Johnstown, PA 15004-3329
Phone: 814-269-4301
Fax: 814-269-4300
www.hfrenz.com



COPYRIGHT © 2011 H.F. LENZ COMPANY, INC.

ALL RIGHTS RESERVED

REVISIONS

NO. DATE

1. 11/19/13

2. 11/19/13

3. 11/19/13

4. 11/19/13

5. 11/19/13

6. 11/19/13

7. 11/19/13

8. 11/19/13

9. 11/19/13

10. 11/19/13

11. 11/19/13

12. 11/19/13

13. 11/19/13

14. 11/19/13

15. 11/19/13

16. 11/19/13

17. 11/19/13

18. 11/19/13

19. 11/19/13

20. 11/19/13

21. 11/19/13

22. 11/19/13

23. 11/19/13

24. 11/19/13

25. 11/19/13

26. 11/19/13

27. 11/19/13

28. 11/19/13

29. 11/19/13

30. 11/19/13

31. 11/19/13

32. 11/19/13

33. 11/19/13

34. 11/19/13

35. 11/19/13

36. 11/19/13

37. 11/19/13

38. 11/19/13

39. 11/19/13

40. 11/19/13

41. 11/19/13

42. 11/19/13

43. 11/19/13

44. 11/19/13

45. 11/19/13

46. 11/19/13

47. 11/19/13

48. 11/19/13

49. 11/19/13

50. 11/19/13

51. 11/19/13

52. 11/19/13

53. 11/19/13

54. 11/19/13

55. 11/19/13

56. 11/19/13

57. 11/19/13

58. 11/19/13

59. 11/19/13

60. 11/19/13

61. 11/19/13

62. 11/19/13

63. 11/19/13

64. 11/19/13

65. 11/19/13

66. 11/19/13

67. 11/19/13

68. 11/19/13

69. 11/19/13

70. 11/19/13

71. 11/19/13

72. 11/19/13

73. 11/19/13

74. 11/19/13

75. 11/19/13

76. 11/19/13

77. 11/19/13

78. 11/19/13

79. 11/19/13

80. 11/19/13

81. 11/19/13

82. 11/19/13

83. 11/19/13

84. 11/19/13

85. 11/19/13

86. 11/19/13

87. 11/19/13

88. 11/19/13

89. 11/19/13

90. 11/19/13

91. 11/19/13

92. 11/19/13

93. 11/19/13

94. 11/19/13

95. 11/19/13

96. 11/19/13

97. 11/19/13

98. 11/19/13

99. 11/19/13

100. 11/19/13

101. 11/19/13

102. 11/19/13

103. 11/19/13

104. 11/19/13

105. 11/19/13

106. 11/19/13

107. 11/19/13

108. 11/19/13

109. 11/19/13

110. 11/19/13

111. 11/19/13

112. 11/19/13

113. 11/19/13

114. 11/19/13

115. 11/19/13

116. 11/19/13

117. 11/19/13

118. 11/19/13

119. 11/19/13

120. 11/19/13

121. 11/19/13

122. 11/19/13

123. 11/19/13

124. 11/19/13

125. 11/19/13

126. 11/19/13

127. 11/19/13

128. 11/19/13

129. 11/19/13

130. 11/19/13

131. 11/19/13

132. 11/19/13

133. 11/19/13

134. 11/19/13

135. 11/19/13

136. 11/19/13

137. 11/19/13

138. 11/19/13

139. 11/19/13

140. 11/19/13

141. 11/19/13

142. 11/19/13

143. 11/19/13

144. 11/19/13

145. 11/19/13

146. 11/19/13

147. 11/19/13

148. 11/19/13

149. 11/19/13

150. 11/19/13

151. 11/19/13

152. 11/19/13

153. 11/19/13

154. 11/19/13

155. 11/19/13

156. 11/19/13

157. 11/19/13

158. 11/19/13

159. 11/19/13

160. 11/19/13

161. 11/19/13

162. 11/19/13

163. 11/19/13

164. 11/19/13

165. 11/19/13

166. 11/19/13

167. 11/19/13

168. 11/19/13

169. 11/19/13

170. 11/19/13

171. 11/19/13

172. 11/19/13

173. 11/19/13

174. 11/19/13

175. 11/19/13

176. 11/19/13

177. 11/19/13

178. 11/19/13

179. 11/19/13

180. 11/19/13

181. 11/19/13

182. 11/19/13

183. 11/19/13

184. 11/19/13

185. 11/19/13

186. 11/19/13

187. 11/19/13

188. 11/19/13

189. 11/19/13

190. 11/19/13

191. 11/19/13

192. 11/19/13

193. 11/19/13

194. 11/19/13

195. 11/19/13

196. 11/19/13

197. 11/19/13

198. 11/19/13

199. 11/19/13

200. 11/19/13

201. 11/19/13

202. 11/19/13

203. 11/19/13

204. 11/19/13

205. 11/19/13

206. 11/19/13

207. 11/19/13

208. 11/19/13

209. 11/19/13

210. 11/19/13

211. 11/19/13

212. 11/19/13

213. 11/19/13

214. 11/19/13

215. 11/19/13

216. 11/19/13

217. 11/19/13

218. 11/19/13

219. 1



CLARKSBURG STATE OFFICE BUILDING
FOR
GENERAL SERVICES DIVISION
CHARLESTON, WV

H.F. LENZ COMPANY
1407 Sculp Avenue
Johnstown, PA 15904-3222
Phone: 814-269-9301
FAX: 814-269-9300
www.hfenz.com

[illegible]

PROJ. NO.: 0810123.
DATE: NOVEMBER 19,

\$505

ISSUED FOR BIDDING

T/ELEVATOR SHAFT DETAILS



Alpha
ARCHITECTS ENGINEERS

ALPHA ASSOCIATES, INC.
207 PRAIRIE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX: 304-296-8216
TOLL FREE: 800-440-8216
www.thinkALPHAfirst.com

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: GSD136433

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

<input type="checkbox"/> Addendum No. 1	<input type="checkbox"/> Addendum No. 6
<input type="checkbox"/> Addendum No. 2	<input type="checkbox"/> Addendum No. 7
<input type="checkbox"/> Addendum No. 3	<input type="checkbox"/> Addendum No. 8
<input type="checkbox"/> Addendum No. 4	<input type="checkbox"/> Addendum No. 9
<input type="checkbox"/> Addendum No. 5	<input type="checkbox"/> Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Company

Authorized Signature

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
 Revised 6/8/2012