AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

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2. AMENDMENT/MODIFICATION NO. 000001

3. EFFECTIVE DATE 06/27/2013

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE MSFC

NASA/Marshall Space Flight Center
Office of Procurement
Marshall Space Flight Center AL 35812

7. ADMINISTERED BY *(If other than Item 6)* CODE MSFC

NASA/Marshall Space Flight Center
Marshall Space Flight Center AL 35812

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

CODE

FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO. NNM13ZPS002E

x 9B. DATED *(SEE ITEM 11)* 05/29/2013

10A. MODIFICATION OF CONTRACT/ORDER NO.

10B. DATED *(SEE ITEM 13)*

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this amendment to IFB NNM13ZPS002E, The purpose of this amendment to IFB NNM13ZPS002E, Construct Replacement Building 4260, is to provide answers to questions asked by several of the potential bidders. These questions and answers are being provided to assist all contractors in preparing their bid.

Question 1: Can you provide a different A15 and A16? The legend shows differing colors/patterns, but they are not visible.

Answer: Drawings A15 and A16 were printed incorrectly in the package of drawings. The drawings had various shades of gray in both the legend and on the building elevations that were not distinguishable in the set going out for bids. Revisions to drawings A15 and A16

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Brian A Speer

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA Brian A. Speer *(Signature of Contracting Officer)*

16C. DATE SIGNED June 27, 2013

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	are attached. Question 2: It does not state specifically how many onsite personnel the contractor should have present during construction. Can the site superintendent also be the onsite quality control (QC) Manager and/or the SSHO for these projects? Also, will these projects require a separate Site Safety Health Officer to be onsite during the construction period? Answer: The superintendent, onsite quality control (QC) manager, and SSHO may be the same person provided all qualification requirements for each of these positions (set forth in each of the applicable specification sections) are met and all functions can be carried out effectively. Question 3: Per spec section 01 50 90 "Special Conditions" there is a graph for unexploded ordnance (UXO) personnel stated on page 14. Will the contractor be required to provide each one of these personnel at the site during construction? Answer: No, the contractor will not be required to provide each one of these personnel at the site during construction. Follow directions per specification "Special Conditions" 01 05 90 1.4, Item B. Question 4: Per the documents, it states that the construction period for this project is 365 days. We are requesting that the period of performance to be extended to 480 days for this project. From experience working on Redstone, 12 months will not be enough time to construct a 20,000+ SF building with the design set forth on this project. Actual construction time will only be 10 months due to pre-construction submittals and pre-construction meetings. The estimated construction time that we feel is adequate for this project will be approximately 14 months. Answer: Construction period for project is 365 calendar days. Question 5: Quality Assurance notes, Spec.27-15-00, Pg.3, Sect1.7-B (and others throughout), specify that all testing is to be done by a third party NTRL (Nationally Recognized Continued ...				

NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Testing Lab) agency which we all know adds mega-bucks to the cost estimate. Are they really sure they want to specify that, even though any installer meeting RFP standards and requirements can provide the exact same certified test results as they would using the same test equipment? Answer: Testing by independent third party testing labs/agencies shall be as delineated in applicable specification sections. Question 6: Specs do not indicate who provides the speakers for the EWS and paging systems, but the design drawings legend indicates they are MSFC provided. Are the drawing legends correct? Answer: EWS and paging speakers will be provided by MSFC. Question 7: Spec.27-15-00, Pg.4, Sect.2.5-B indicates Stainless Steel faceplates with 45-deg. angled jack ports. Panduit (sole source required) does not make a SS faceplate with angled ports. Spec.28-05-00 does not specify either Stainless Steel or angled for the faceplates. We can provide flat Stainless Steel or 45-deg. angled in plastic. Which is preferred? Answer: Provide Panduit CFPL4SY - Flat Stainless Steel face plate MINI-Com series. Question 8: Voice jacks are specified as matching in color to the faceplate, but nowhere is it specified what color is the faceplate to be; that is, white, ivory, grey, or Stainless Steel (see above question). Answer: Faceplates to be stainless steel. Question 9: It specifies that the cable tray, conduits and cable raceways are provided under the base building design spec, which I assume means provided by the primary electrical contractor. What about individual wall or floor pass through sleeves? Answer: The general contractor (GC) is to provide all pass-through sleeves during construction. Question 10: Spec.28-05-00, Pg.16, Sect.7.5.A-1 Continued ...				

NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	indicates the required wire size/description for the Security System Cabling, but only item 1.c indicates where/how that type of cable is to be used. Can we get a little further clarification as to where the other types are to be applied. (Also, I think item 1.c should read 18 AWG, not 8 AWG). Answer: The construction drawings specify where the cables are used, not the specifications. The 18-4 cable and the 22-2 cable are used from the Communications Room to the junction boxes. The 22-6 cable is used from the junction boxes to the readers. The reference to 8 AWG cable, in the specifications, is incorrect; the correct cable shall be 18 AWG, 4 conductor. Question 11: Plans Part 5, Sht.20 - 30 show construction plans for underground manholes, cable vault, cable racking trees, conduit, building entrance and mainframe assemblies for Bldg.4207. These plans are all dated 1981, and I cannot find anything in the Spec sections for Bldg. 4260 indicating additional construction, additions or modifications in either cabling or structural. Are these plans just provided for layout reference and understanding, sight unseen? Answer: Scope of work for this project includes penetrating the Building 4207 vault and extending underground duct bank with required manholes to the Building 4260 communications entrance. Older Building 4207 drawings are provided for reference. Question 12: I am certain that the new building will require some connectivity out into the rest of the base infrastructure (fiber optics, high count copper, coax trunking) but I find no reference on any of the drawings and nothing in the Backbone Spec.27-13-00. Is this possibly something being totally provided by MSFC with all the other facilities they are covering? Answer: Refer to Drawing C15. Also, all plant cabling and hardware will be provided by MSFC. Connectivity will be provided by MSFC to Building 4207. The cable route shall be provided by the general contractor (GC). Question 13: What is the physical address for Continued				

NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Building 4260? Answer: Building 4260 will be located on Rideout Road, Marshall Space Flight Center, Alabama, 35812. Approximately 34 degrees 39 minutes 26.30 seconds N and 86 degrees 40 minutes 19.03 seconds W. Question 14: On Drawings FAC-A-4260-P2 and FAC-A-4260-P4 at CL A.5 between CL 5.1 and 6.2 there is a fixture designed LV-2, but this fixture is not listed on the fixture schedule on drawings FAC-A-4260-P8. Please provide specifications for this LV-2 fixture. Answer: Fixture to be LV-1. Question 15: Drawings A15 and A16 are blacked / dark gray and the subcontractors cannot see difference between the metal panels and glass. It looks like this was a colored drawing scanned in black and white. Can the colors omitted and resubmitted so we can review the elevations correctly? Answer: Shading on exterior elevations have been corrected. See Question 1 above. Revisions to drawings A15 and A16 are attached. Question 16: Section 092900 Gypsum Board, Paragraph 2.3 Interior Gypsum Board. Paragraph C. Abuse-Resistant Gypsum Board. Where is this board required? Paragraph 2.4 Specialty Gypsum board. Paragraph A. Glass-Mat Interior Gypsum Board, subparagraph 1. Core: 5/8 inch, abuse resistant. Where is this board required? Answer: Abuse-resistant gypsum board is to be used for all interior gypsum board except at toilets and wet walls. Specialty gypsum board (glass-matt interior gypsum board) to be used at toilets and wet walls. All interior gypsum board to be 8'-0" above finished floor. Question 17: Drawing A-8-Second floor RCP. Office 242. Perimeter walls terminate at 10'-0 AFF. ACT is 9'-0 AFF. Can hanger wires be exposed to support ACT? Or will supplemental framing be required above the 10'-0 walls to provide support for hanger wires? Continued ...				

NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Answer: No part of the ACT system (including the sound insulation) is to exceed 10'-0" above finished floor. Nothing will be visible above the office walls. Question 18: Drawing A-8-Second floor RCP. Conference 230 and Office 231. What is soffit height? Answer: Soffit height is 10'-0" above finished floor (similar to section 2/A-21). Question 19: Drawing A-8-Second floor RCP. Break 229. Detail 2/A20 shows a flat ACT ceiling at 12'-6 AFF. Will the perimeter require an edge trim such as Armstrong's Axiom? Will the edge trim be required above the sloped ceiling also since the wall terminates at 11'-0 AFF? Answer: Perimeter in Break 229 will require edge trim. Edge trim will be required above the sloped ceiling. Question 20: Drawing A-8-Second floor RCP. Office 224 does not show drywall soffit at Column line 6.2. 3/A20 shows soffit at 9'-0 AFF. Which is correct? Answer: No soffit at Column line 6.2. RCP is correct. Question 21: Drawing A-7-First floor RCP. What is soffit height in Training 134, Office 135? Answer: 10'-0" soffit height in Training 134 and Office 135 (similar to section 2/A-21). Question 22: Drawing A-7-First floor RCP. What is Act ceiling height and soffit height in Waiting 108? Answer: In Waiting 108, soffit height is 9'-6" and ceiling height is 10'-0". Question 23: Drawing A-7-First floor RCP. What is soffit height at drinking fountain? Answer: Soffit height at drinking fountain is 8'-0". Continued ...				

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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Question 24: Section 061600 Sheathing, Paragraph 2.5 Wall Sheathing, subparagraph A, Paper-Surfaced Gypsum Wall Sheathing; Subparagraph B, Glass-Mat Wall Sheathing; subparagraph C, Cementitious Backer Units are all noted. Where should these be used? All three choices could be utilized for the sheathing locations. Is sheathing required behind Architectural Metal Panels? None shown on drawings. Answer: Omit subparagraphs A, B, and C. Support and anchor architectural metal panels per manufacturer's requirements. Question 25: Detail 1/A21. What will support the metal panel soffit noted 1 below the structural beams? Will hat channels be used for attachment of the metal panels? Answer: Support and anchor architectural metal panels per manufacturer's requirements. Maintain dimensions shown in construction documents. Question 26: Drawing A-8 RCP. Janitor Closet 256 shows EXPOSED. Finish Schedule shows ceiling finish to be ACT. Which is correct? Answer: In Janitor Closet 256, provide ACT at 9'-0". Question 27: Can elevations be provided with a different shading pattern because the black, grey and light grey shading pattern appears all black on the elevations? This does not allow the panel subcontractors to determine panel joint locations and/or understand the geometry. Answer: Shading on exterior elevations have been corrected. See Question 1 above. Revisions to drawings A15 and A16 are attached. Question 28: Please confirm sheet C-7 Grading and Drainage Plan is to scale. The drawings seem to have a conflict with the scale. Answer: Bid as shown in the construction documents. Continued ...				

NAME OF OFFEROR OR CONTRACTOR

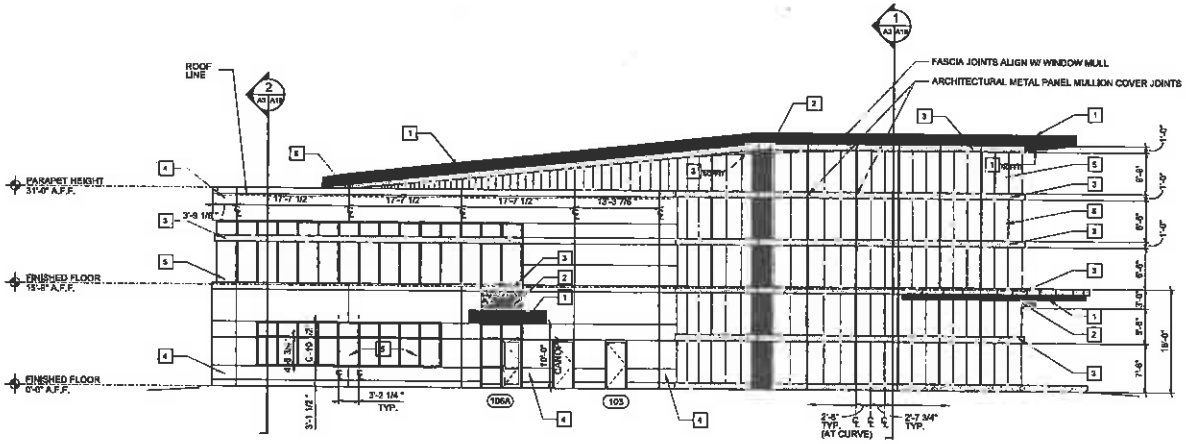
ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Question 29: Waterproofing Concerns: A.) The waterproofing system specified will not work under the elevator pit unless there is a mud slab poured first. B.) The only place seen for damproofing is at the stem wall below grade. Damproofing is not recommended below grade. C.) There is waterproofing detailed all over the cavity wall areas of the building but it is typically shown to be adhered to insulation board. The waterproofing specified will dissolve the insulation. D.) Suggestion would be an air barrier type liquid applied membrane in the cavity wall. Answer: Provide W.R. Meadows pre-molded membrane with plasmatic core for under slab and tie to Mel-Rol vertical membrane (or approved equal). At the cavity walls, provide W.R. Meadows Mel-Rol LM; these walls are not to be confused with the fully adhered waterproofing membrane. Question 30: Section 01 05 90 Special Conditions, Paragraph 1.4 Explosive And Disposal Area Precaution B and 1.5 Chemical Warfare Material Precaution B. Can the Contracting Officer provide maps as part of bid documents to see whether or not the Contractor will need to provide services for UXO services provider as part of the bid proposal? Answer: Contractor will not have to provide unexploded ordnance (UXO) services. Area of work is deemed to be free of UXO. Question 31: Section 01 05 90 Special Conditions, Paragraph 1.6 Security C. "All contractor personnel requiring access to the east or west test areas must receive test area access training provided by MSFC." Will this be required for this project? Answer: Contractor will not be required to enter the east and west test areas. Question 32: Drawing A7 Keyed Note 11 Recessed Projection Screen. Is this to be provided by the contractor? If so please provide specifications. Answer: Contractor to provide Draper Premier Continued ...				

NAME OF OFFEROR OR CONTRACTOR

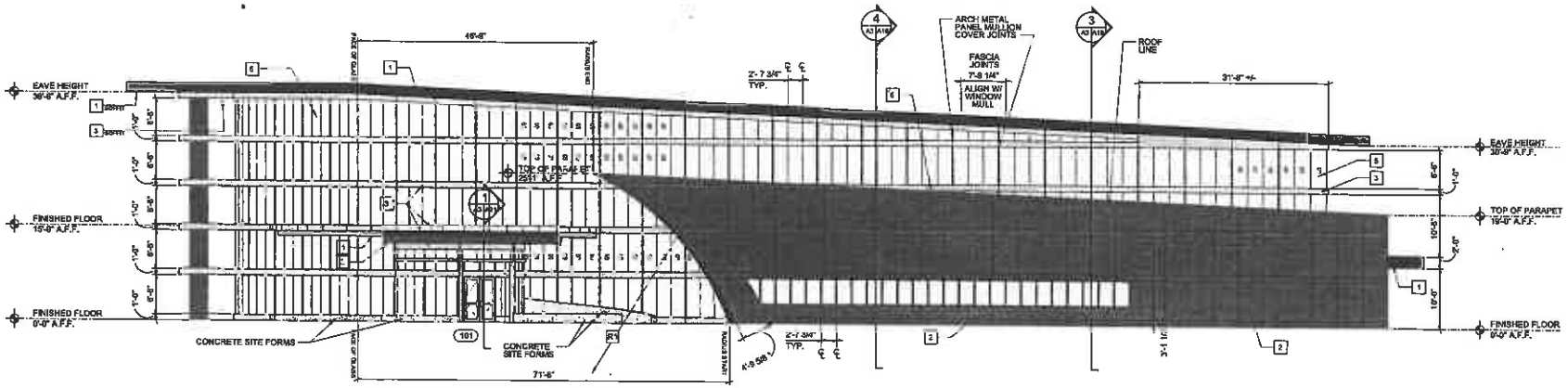
ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Projector Screen, Square Format M2500 Screen with Quiet Motor (or approved equal). As a result of this amendment, the hour and date for bids is not extended. Bids are still due on Tuesday, July 2, 2013, at 2:00 P.M. local time at the Huntsville-Madison County Chamber of Commerce located at 25 Church Street, Huntsville, AL 35810. INCO TERMS 2: Destination				

IFB NNM13ZPS002E, Amendment 1

Revisions of Drawings 15 and 16



1 NORTH ELEVATION
A3 A16 A4 SCALE: 1/8" = 1'-0"



	RADIUS
R1	46'-6 1/2"

2 WEST ELEVATION
A3 A16 A4 SCALE: 1/8" = 1'-0"

LEGEND:

1		ARCHITECTURAL METAL PANEL REYNOBOND - "AAP PEWTER"
2		ARCHITECTURAL METAL PANEL REYNOBOND- "TITANIUM"
3		CLEAR ANODIZED ALUMINUM
4		ARCHITECTURAL METAL PANEL REYNOBOND- "BONE WHITE"
5		INSULATED GLASS CURTAIN WALL SYSTEM
6		SPEAKER
S		SPANDREL GLASS
O.D.		OVERFLOW DRAIN

VISION GLASS - PPG "SOLARBAN" 70XL (2) "SOLAR GRAY"
SPANDREL GLASS -PPG "SOLARBAN" 70XL (2) "STARPHIRE/CLEAR"
OPACI-COAT-300 #3-1670 "SOLAR MOON

*SEE SECTIONS AND RCP FOR ARCHITECTURAL METAL PANEL JOINT SPACING

REV.	BY	DATE	REVISION	C.I. NO.	APPROVED
A	DWS	[illegible]	ORIGINAL ISSUE		

Marshall Space Flight Center
Huntsville, Alabama 35812

CONSTRUCT REPAIR BY REPLACEMENT
BUILDING (4260)

BUILDING ELEVATIONS

AE FIRM: BARGE, WAGGONER, SUMNER, & CANNON, INC.

MASA AE CONTRACT NO. NNM08AA15C

SUBMITTED: D. SCHUELER
DATE: 12/21/12
DESIGNED: R. ALEXANDER
DRAWN: D. SMITH
CHECKED: D. SCHUELER
SCALE: AS NOTED

APPROVAL RECOMMENDED: R. MATHIS
APPROVAL RECOMMENDED: B. LUSK
APPROVAL RECOMMENDED: R. MATHIS
SHEET NO. ME048

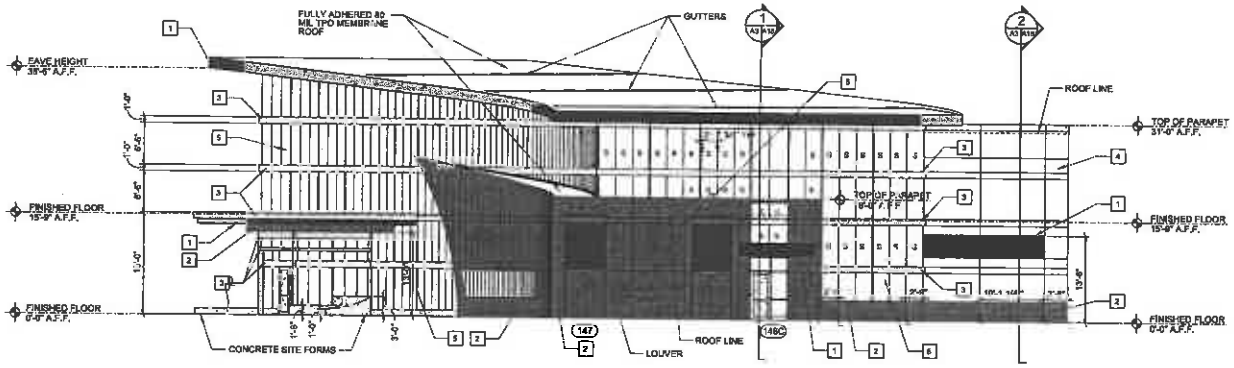
APPROVED: J. GUARIN
DATE: 12/21/12

DRAWING NO. FAC-A-4260-A15

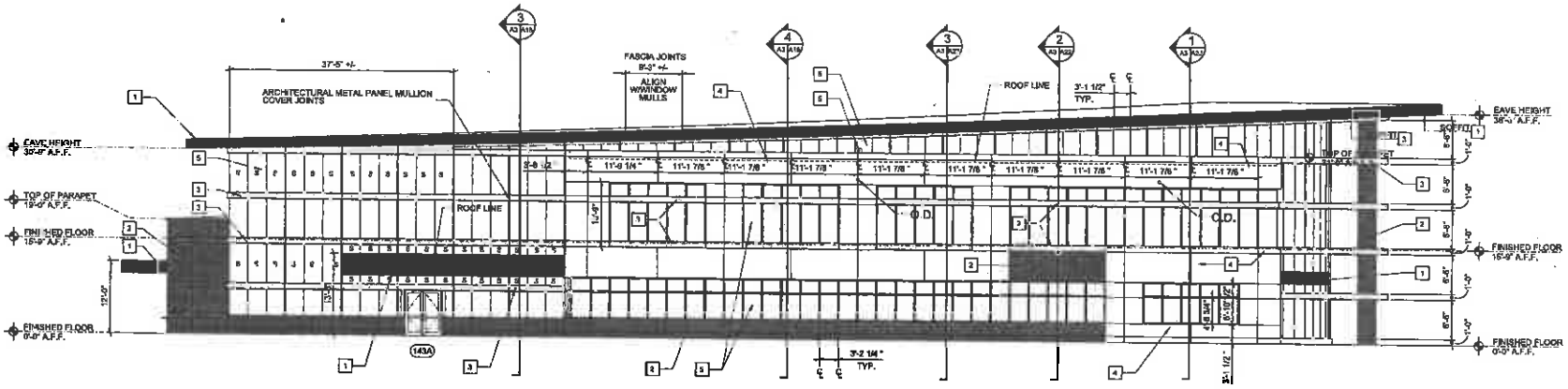
APPROVED FOR DISTRIBUTION QUALITY ASSURANCE AUTHORITY
DATE
SIGNED
BWSAC FILE NO. 5586[illegible]

CONTRACTOR'S OWN SHEET INDICATE COORDINATE OF THIS SHEET

REF. NO. A15 15 OF 29



1 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



2 EAST ELEVATION
SCALE: 1/8" = 1'-0"

LEGEND:

1		ARCHITECTURAL METAL PANEL REYNOBOND - "AAP PEWTER"
2		ARCHITECTURAL METAL PANEL REYNOBOND- "TITANIUM"
3		CLEAR ANODIZED ALUMINUM
4		ARCHITECTURAL METAL PANEL REYNOBOND- "BONE WHITE"
5		INSULATED GLASS CURTAIN WALL SYSTEM
6		SPEAKER
S		SPANDREL GLASS
O.D.		OVERFLOW DRAIN

VISION GLASS - PPG "SOLARBAN" 70XL (2) "SOLAR GRAY"
SPANDREL GLASS -PPG "SOLARBAN" 70XL (2) "STARPHIRE/CLEAR"
OPACI-COAT-300 #3-1670 SOLAR MOON

*SEE SECTIONS FOR ARCHITECTURAL METAL PANEL JOINT SPACING

REV.	BY	DATE	REVISION	E.O. NO.	APPROVED
A	DHS	12/21/12	ORIGINAL ISSUE		

Marshall Space Flight Center
Huntsville, Alabama 35812

CONSTRUCT REPAIR BY REPLACEMENT
BUILDING (4260)

BUILDING ELEVATIONS

APPROVED FOR DISTRIBUTION
QUALITY ASSURANCE AUTHORITY

BWSBC FILE NO. 33665-53

AE FIRM: BARGE, WAGGONER, SUMNER, & CANNON, INC.

SUBMITTED: D. SCHUELER	APPROVAL RECOMMENDED: R. MATHIS	MASK AT CONTRACT NO. NNM08BA81C	
DATE: 12/21/12	APPROVAL RECOMMENDED: B. LUSK	APPROVED: J. QUARIN	
DESIGNED: R. ALEXANDER	APPROVAL RECOMMENDED: R. MATHIS	DATE: 12/21/12	
DRAWN: D. SMITH		DRAWING NO. FAC-A-4260-A16	
CHECKED: D. SCHUELER			
SCALE: AS NOTED	SPEC. NO. N5048		

REF. NO. A16 16 OF 29