



CITY OF MOBILE ARENA
CITY OF MOBILE PROJECT NO. CC-034A-22

ADDENDUM NUMBER 05

ISSUE DATE 2/9/25

PROJECT: MOBILE ARENA
OWNER: CITY OF MOBILE

GMC PROJECT NO. AMOB230117

AD5-1 CLARIFICATIONS / RFI RESPONSES / SUBSTITUTIONS / ETC.:

- A. Bidders shall acknowledge receipt of this Addendum via email response.
- B. Any requests for information or clarifications specific to this Addendum shall be forwarded to the following:
- Keith Parker – Project Manager, GMC keith.parker@gmcnetwork.com ;
Sam Matheny – Program Manager, Volkert sam.matheny@volkert.com .
- C. With regards to the anticipated bearing capacity of the compacted surcharge/fill material as it relates to crane access on the site, the Geotechnical Engineer has provided the following response:
- ***All soils in the preload area that were placed below the FFE were well compacted and tested. There may be other perimeter areas that are not quite as firm at the surface. The 1500 psf in the Geotechnical Report was generally controlled by the looser soils encountered 3 to 6 ft below ground surface.***
 - ***The insitu soils in the upper 6 to 10 of the site and the soils used for fill are sandy materials. Unlike clay soils, the bearing capacity is not a function of only the soil strength. The bearing capacity of sands is also a function of the width and depth of the load and the depth of the groundwater. Traditional bearing capacity for permanent structures is also based upon a maximum settlement of 1 inch and a factor of safety of 3.***
 - ***To evaluate bearing capacity for crane loads, a little more settlement is generally tolerable. Therefore, the biggest controlling factor will be the size of the crane mats to be used.***

It is the bidder's responsibility to determine the appropriate equipment for execution of the work. The Architect nor the Geotechnical Engineer will offer opinions or analysis for any loads or bearing capacities other than those required for the permanent structure.



D. Signed Substitution Request Forms are attached for reference.

E. RFI Responses to-date are attached for reference.

AD5-2 ISSUED SPECIFICATIONS:

- A. The following revised specification sections are as follows and included herein:
- 00 10 00 - Invitation to Bid
 - 01 23 00 – Alternates
- B. A clarification has been provided to “Specification 11400 Foodservice Equipment Section 6.32 Beverage Conduit and Raceway” as noted below:
- *This section is only relevant if we are specifying the equipment. Camacho is not specifying any of the beverage systems or any related components that are needed to make up the systems. All products that are relevant to the soda systems, carbonators, co2 etc., are listed as to be “PROVIDED BY PRODUCT SUPPLIER”.*
 - *This in relation to any all-beverage conduit being used for soda line raceways from bag-in-box location to soda guns in the bar areas where required. Our Special Conditions Sheets QF8-2, QF8-3, QF8-5 & QF8-6.*
 - *Event Level – Grand Hall Bar*
 - *Concourse Level – Bar 2*
 - *Concourse Level – Sideline Club*
 - *Suite Level – Loge Bar A*
 - *Suite Level – Loge Bar East*
 - *It will be the responsibility of the GC to coordinate any and all related components that make up these systems and the needs for operation.*

AD5-3 ISSUED DRAWINGS:

- A. The following revised drawing sheets are as follows and included herein noted as Addendum#5 on each title block and clouded with Revision #5 at each instance for reference. A narrative outlining the changes on each sheet will precede the revised sheets.

Sheet Number	Sheet Name
E0-2	ELECTRICAL SITE PLAN
E0-3	LIGHTING SITE PLAN
E0-4	LIGHTING SITE ENLARGED PLAN
E2-01A	POWER - 01 - EVENT LEVEL PLAN - QUAD A



E2-01B	POWER - 01 - EVENT LEVEL PLAN - QUAD B
E2-01C	POWER - 01 - EVENT LEVEL PLAN - QUAD C
E2-01D	POWER - 01 - EVENT LEVEL PLAN - QUAD D
E2-03B	POWER - 03 - SUITE LEVEL PLAN - QUAD B
E2-03C	POWER - 03 - SUITE LEVEL PLAN - QUAD C
E2-11A	EQUIPMENT CONNECTION - 01 - EVENT LEVEL PLAN - QUAD A
E2-11B	EQUIPMENT CONNECTION - 01 - EVENT LEVEL PLAN - QUAD B
E2-11D	EQUIPMENT CONNECTION - 01 - EVENT LEVEL PLAN - QUAD D
E2-12C	EQUIPMENT CONNECTION - 02 - MAIN CONCOURSE PLAN - QUAD C
E2-12D	EQUIPMENT CONNECTION - 02 - MAIN CONCOURSE PLAN - QUAD D
E2-13A	EQUIPMENT CONNECTION - 03 - SUITE LEVEL PLAN - QUAD A
E2-13B	EQUIPMENT CONNECTION - 03 - SUITE LEVEL PLAN - QUAD B
E2-13C	EQUIPMENT CONNECTION - 03 - SUITE LEVEL PLAN - QUAD C
E2-13D	EQUIPMENT CONNECTION - 03 - SUITE LEVEL PLAN - QUAD D
E2-14A	EQUIPMENT CONNECTION - 04 - CATWALK LEVEL PLAN - QUAD A
E2-14D	EQUIPMENT CONNECTION - 04 - CATWALK LEVEL PLAN - QUAD D
E2-21A	LIGHTING - 01 - EVENT LEVEL PLAN - QUAD A
E2-21B	LIGHTING - 01 - EVENT LEVEL PLAN - QUAD B
E2-21C	LIGHTING - 01 - EVENT LEVEL PLAN - QUAD C
E2-21D	LIGHTING - 01 - EVENT LEVEL PLAN - QUAD D
E2-22A	LIGHTING - 02 - MAIN CONCOURSE PLAN - QUAD A
E2-22B	LIGHTING - 02 - MAIN CONCOURSE PLAN - QUAD B
E2-22C	LIGHTING - 02 - MAIN CONCOURSE PLAN - QUAD C
E2-22D	LIGHTING - 02 - MAIN CONCOURSE PLAN - QUAD D
E2-23A	LIGHTING - 03 - SUITE LEVEL PLAN - QUAD A
E2-23B	LIGHTING - 03 - SUITE LEVEL PLAN - QUAD B
E2-23C	LIGHTING - 03 - SUITE LEVEL PLAN - QUAD C
E2-23D	LIGHTING - 03 - SUITE LEVEL PLAN - QUAD D
E2-24B	LIGHTING - 04 - CATWALK LEVEL PLAN - QUAD B
E4-04	ENLARGED ELECTRICAL PLANS
E4-05	ENLARGED ELECTRICAL PLANS
E4-06	ENLARGED ELECTRICAL PLANS
E4-07	ENLARGED ELECTRICAL PLANS
E4-08	ENLARGED ELECTRICAL PLANS
E4-09	ENLARGED ELECTRICAL PLANS
E4-11	ENLARGED ELECTRICAL PLANS
E5-01	ELECTRICAL ONE-LINE DIAGRAMS



E5-05	ELECTRICAL ONE-LINE DIAGRAMS
E5-06	ELECTRICAL ONE-LINE DIAGRAMS
E6-02	ELECTRICAL SCHEDULES
E6-04	ELECTRICAL SCHEDULES
E6-05	ELECTRICAL SCHEDULES
E6-06	ELECTRICAL SCHEDULES
E6-08	ELECTRICAL SCHEDULES
E6-10	ELECTRICAL SCHEDULES
E6-13	ELECTRICAL SCHEDULES
E6-15	ELECTRICAL SCHEDULES
E6-17	ELECTRICAL SCHEDULES
E6-18	ELECTRICAL SCHEDULES
E6-19	ELECTRICAL SCHEDULES
E6-20	ELECTRICAL SCHEDULES
E6-21	ELECTRICAL SCHEDULES
E6-22	ELECTRICAL SCHEDULES
E6-24	ELECTRICAL SCHEDULES
E8-03	LIGHTING CONTROLS AND SCHEDULES
E8-04	LIGHTING CONTROLS AND SCHEDULES
E8-07	LIGHTING CONTROLS AND SCHEDULES
E8-09	LIGHTING CONTROLS AND SCHEDULES
E8-12	LIGHTING CONTROLS AND SCHEDULES
P2-00A	PLUMBING - 00 - UNDERGROUND PLAN - QUAD A
P2-00D	PLUMBING - 00 - UNDERGROUND PLAN - QUAD D
P2-11A	PLUMBING WASTE & VENT - 01 - EVENT LEVEL PLAN - QUAD A
P2-11B	PLUMBING WASTE & VENT - 01 - EVENT LEVEL PLAN - QUAD B
P2-11C	PLUMBING WASTE & VENT - 01 - EVENT LEVEL PLAN - QUAD C
P2-11D	PLUMBING WASTE & VENT - 01 - EVENT LEVEL PLAN - QUAD D
P2-12C	PLUMBING WASTE & VENT - 02 - MAIN CONCOURSE PLAN - QUAD C
P4-00	PLUMBING ENLARGED PLANS
P4-01	PLUMBING ENLARGED PLANS
P4-02	PLUMBING ENLARGED PLANS
P4-03	PLUMBING ENLARGED PLANS
P4-04	PLUMBING ENLARGED PLANS
P4-05	PLUMBING ENLARGED PLANS
P4-07	PLUMBING ENLARGED PLANS



P4-08	PLUMBING ENLARGED PLANS
P4-10	PLUMBING ENLARGED PLANS
P4-11	PLUMBING ENLARGED PLANS
P4-12	PLUMBING ENLARGED PLANS
P4-13	PLUMBING ENLARGED PLANS
P4-14	PLUMBING ENLARGED PLANS
P4-15	PLUMBING ENLARGED PLANS
P4-16	PLUMBING ENLARGED PLANS
P4-17	PLUMBING ENLARGED PLANS
P4-18	PLUMBING ENLARGED PLANS
P4-19	PLUMBING ENLARGED PLANS
P7-02	PLUMBING SCHEDULES
P8-01	PLUMBING DETAILS
P8-02	PLUMBING DETAILS
P8-03	PLUMBING DETAILS
F0-01	FIRE PROTECTION GENERAL NOTES AND LEGEND
F2-01C	FIRE PROTECTION - 01 - EVENT LEVEL RCP - QUAD C
F1-01	FIRE PROTECTION - 01 - EVENT LEVEL RCP - OVERALL
F2-01D	FIRE PROTECTION - 01 - EVENT LEVEL RCP - QUAD D
F2-01A	FIRE PROTECTION - 01 - EVENT LEVEL RCP - QUAD A
F2-01B	FIRE PROTECTION - 01 - EVENT LEVEL RCP - QUAD B
E2-15C	EQUIPMENT CONNECTION - 05 - ROOF LEVEL PLAN - QUAD C
F2-02C	FIRE PROTECTION - 02 - MAIN CONCOURSE RCP - QUAD C
F2-03C	FIRE PROTECTION - 03 - SUITE LEVEL RCP - QUAD C
F2-04C	FIRE PROTECTION - 04 - CATWALK LEVEL RCP - QUAD C
F1-02	FIRE PROTECTION - 02 - MAIN CONCOURSE RCP - OVERALL
F1-03	FIRE PROTECTION - 03 - SUITE LEVEL RCP - OVERALL
F1-04	FIRE PROTECTION - 04 - CATWALK LEVEL RCP - OVERALL
F2-02D	FIRE PROTECTION - 02 - MAIN CONCOURSE RCP - QUAD D
F2-03D	FIRE PROTECTION - 03 - SUITE LEVEL RCP - QUAD D
F2-04D	FIRE PROTECTION - 04 - CATWALK LEVEL RCP - QUAD D
F2-02A	FIRE PROTECTION - 02 - MAIN CONCOURSE RCP - QUAD A
F2-03A	FIRE PROTECTION - 03 - SUITE LEVEL RCP - QUAD A
F2-04A	FIRE PROTECTION - 04 - CATWALK LEVEL RCP - QUAD A
F2-02B	FIRE PROTECTION - 02 - MAIN CONCOURSE RCP - QUAD B
F2-03B	FIRE PROTECTION - 03 - SUITE LEVEL RCP - QUAD B



F2-04B

FIRE PROTECTION - 04 - CATWALK LEVEL RCP - QUAD B

F8-01

FIRE PROTECTION DETAILS

F8-02

FIRE PROTECTION DETAILS

END OF ADDENDUM 5

Issued by:

Keith Parker
Sr. Architect / Project Manager
Goodwyn Mills Cawood



SUBSTITUTION REQUEST FORMTo Project Engineer: Henderson Engineers Request # (GC Determined): _____Project Name: Mobile Arena - Mobile, ALProject No/Phase: AMOB230117 Date: 01/09/2025Specification Title: Direct Digital Control for DDCSection Number: 23-09-23 Page: 06 Article/Paragraph: Part 2/2.1Proposed Substitution: Honeywell Niagara SystemManufacturer: Honeywell Model No.: Niagra N4Address: 4916 Oak Circle Dr. N., Mobile, AL 36609 Phone: 251-661-4416History: ☐ New product ☐ 1-4 years old ☒ 5-10 years old ☐ More than 10 years oldDifferences between proposed substitution and specified Work: None☐ Point-by-point comparative data attached – REQUIRED BY ENGINEER

Comparative data may include but not be limited to performance, weight, size, durability, visual effect, sustainable design characteristics, warranties, and specific features and requirements. Include all information necessary for an evaluation.

Supporting Data Attached:

☐ Drawings
☐ Tests☐ Product Data
☐ Reports☐ Samples
☒ Other: We comply with all of 23-09-23

Reason for not providing specified item: We aren't listed and most large control jobs in the Mobile area are Honeywell DDC controls. We meet the Spec section completely.

Similar Installation:

Project: Blount High School Architect: Allred Stolarski ArchitectsAddress: 5450 Lott Road Owner: Mobile County Public SchoolsPrichard, AL 36613 Date Installed: February 2023Proposed substitution affects other parts of Work: ☒ No ☐ Yes; explain: _____

See attached. _____

Substitution Certification Statement:

Unless stated otherwise in writing to the Engineer by the Contractor, Contractor warrants to the Engineer, Architect, and Owner that the:

- ▲ A. Proposed substitution has been fully investigated and determined to meet or exceed the specified Work in all respects.
- B. Proposed substitution is consistent with the Contract Documents and will produce indicated results.
- C. Proposed substitution does not affect dimensions and functional clearances.
- D. Proposed substitution has received necessary approvals of authorities having jurisdiction.
- E. Same warranty will be furnished for proposed substitution as for specified Work.
- F. Same maintenance service and source of replacement parts, as applicable, is available.
- G. Proposed substitution will not adversely affect other trades or delay construction schedule.
- H. Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

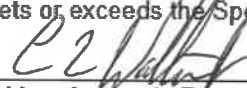
C.L. "Skipper" Walters, Jr. VP/CFO
Submitting Contractor

1/9/25
Date

Walters Controls, Inc.
Company

Manufacturer's Certification of Equal Quality:

I Walters Controls, Inc. represent the manufacturer of the Proposed Substitution item and hereby certify and warrant to Architect, Engineer, and Owner that the function and quality of the Proposed Substitution meets or exceeds the Specified Item.


Manufacturer's Representative

1/9/25
Date

Walters Controls, Inc.
Company

Engineer Review and Recommendation Section

Recommend Acceptance ☒ Yes ☐ No
Additional Comments: ☒ Attached ☐ None

See attached comments



2/6/25

Acceptance Section:

<u>Contractor Acceptance Signature</u>	<u>Date</u>	<u>Company</u>
<u>Owner Acceptance Signature</u>	<u>Date</u>	<u>Company</u>
<u>Architect Acceptance Signature</u>	<u>Date</u>	<u>Company</u>
<u>Engineer Acceptance Signature</u>	<u>Date</u>	<u>Company</u>

WALTERS CONTROLS

Walters Controls, Inc.
P.O. Box 850218
Mobile, AL 36685-0218

1/9/2025

To: Mr. Will Hereford – B L Harbert Construction

Subject: Mobile Al. Arena project AMOB230117, Add Honeywell controls for section 23-09-23. Direct Digital Control For HVAC.

Please approve Honeywell controls for the Mobile Arena project. All 23-09-23 specification sections will be complied with. The Honeywell system will be an open Niagara system.

Walters Controls, Inc is certified at the highest level of Honeywell Authorized contractors possible and in the top 15 of Honeywell contractors in all of North America. We regularly do million dollar plus Honeywell control projects and currently do all controls for the largest school system in the state of Alabama among other large projects. We are currently doing a multi- million-dollar Honeywell control job for the new \$200,000,000 University of South Alabama Medical School.

Please feel free to call if any questions need answering.

Sincerely,



C.L. "Skipper" Walters Jr.
CFO
Walters Controls, Inc.
4916 Oak Circle Dr North
Mobile AL. 36609

Keith Parker

From: Evan O'Brien <Evan.O'Brien@hendersonengineers.com>
Sent: Wednesday, February 5, 2025 8:27 AM
To: Keith Parker; Margaret Linder
Cc: Joe Jursich
Subject: RE: FW: Mobile Arena Substitution Request Feedback

[EXTERNAL EMAIL] DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Hi Keith,

After discussing internally and reviewing feedback from OVG we are going to approve this substitution request. In doing so we would like to emphasize the following feedback from OVG and highlight again our spec section regarding contractor requirements.

OVG response – “We strongly recommend and encourage that the selection process of the controls provider include detail information about service support including office location, number of service providers, and response times. Our team is aware of Walters Controls and are comfortable with their work and service support. As a whole, we have no issue with Honeywell, and as long as we have the commitment from Walters for service, we are comfortable.”

Henderson Specs - Additional BAS Contractor Requirements:

- **Personnel, Coverage and Response Capabilities:** The BAS Contractor shall have a fully staffed office with service technicians and systems engineers within a 50 mile radius of the project location.
- **Emergency Service:** The BAS Contractor shall have an established 24 hour emergency service organization. A dedicated telephone number shall be provided to the Owner for requesting emergency service. A maximum of four hour, electronic service technician on sight, response time shall be guaranteed by the BAS Contractor.
- **Parts Stocking:** The BAS Contractor shall have an independently verifiable inventory of electronic service parts. This electronic service parts inventory must have a worth of at least \$100,000 per year over the last five years.
- **Past Projects:** The BAS Contractor shall have completed a minimum of five projects within the last five years which are at least equal in dollar value and comparable scope to this project. A list of similar projects, dollar volume, scope, contact name and contact number shall be provided by the BAS Contractor if asked for by the Owner.

Thanks,

EVAN O'BRIEN

Mechanical Designer II
Venue Sector

HENDERSON ENGINEERS

TEL (913) 742-5368

Evan.O'Brien@hendersonengineers.com

HENDERSON COMPANIES | EMPLOYEE OWNED

From: Keith Parker <keith.parker@gmcnetwork.com>

Sent: Tuesday, February 4, 2025 6:11 PM

SUBSTITUTION REQUEST

(During the Bidding/Negotiating Stage)

Project: Mobile Arena (Project #CC-034A-22) Substitution Request Number: _____
Mobile, Alabama From: Dowdy and Associates, Inc
To: Populous Date: 1/13/2025
4800 Main Street, Ste. 300, Kansas City, MO 64111 A/E Project Number: AMOB230117
Re: Prior Approval for Packaged Domestic Booster Pumps Contract For: New Construction

Specification Title: Packaged Domestic Booster Pumps Description: Packaged Domestic Booster Systems
Section: 22 11 23 Page: 3 Article/Paragraph: 2.4

Proposed Substitution: Packaged Domestic Booster System
Manufacturer: Patterson Pump Co Address: PO Box 790, Toccoa, GA 30577 Phone: 706-886-2101
Product Name: Aqua - FloPac Model No.: TBD

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: _____
Signed by: _____
Firm: _____
Address: _____
Telephone: _____

A/E's REVIEW AND ACTION

- ☐ Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☒ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: KEITH PARKER, G.M.C.

Date: 2.6.25

Supporting Data Attached: ☐ Drawings ☒ Product Data ☐ Samples ☐ Tests ☐ Reports _____

SUBSTITUTION REQUEST

(During the Bidding/Negotiating Stage)

Project: Mobile Arena (Project #CC-034A-22) Substitution Request Number: _____
Mobile, Alabama From: Colin McCall
To: Kieth Parker Date: 2/7/2025
GMC A/E Project Number: AMOB230117
Re: _____ Contract For: New Construction

Specification Title: SECTION 12 63 26 Description: ARENA SEATS
Section: 12 63 26 Page: 699 Article/Paragraph: Part 2: Products

Proposed Substitution: Request to provide alternate rail mounted system to basis of design. GA. Clubs. Suites. & Tele seatir
Manufacturer: Irwin. Address: 3251 Fruit Ridge Ave. NW Gr Phone: 616-574-7207
Product Name: LUXX & LUXX Plus Model No.: LUXX & LUXX Plus

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: _____
Signed by: _____
Firm: _____
Address: _____
Telephone: _____

A/E's REVIEW AND ACTION

- ☒ Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution
☐ Procedures. Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: 

Date: 2.7.25

Supporting Data Attached: ☐ Drawings ☐ Product Data ☐ Samples ☐ Tests ☐ Reports _____

REQUEST FOR INFORMATION							
PROJECT: MOBILE ARENA		DESIGN PHASE:		BID DOCUMENTS			
CONTRACTOR QUESTION / REQUEST					ARCHITECT CLARIFICATION / RESPONSE		
RFI	QUESTION / REQUEST	Dwg. Ref.	Spec. Ref.	Date	CLARIFICATION / RESPONSE	DATE	ADDENDUM
389	Ref. 3/A0-4 – Can a typical panel layout be provided for this Exterior System type like what was provided for Exterior System – 3B on 2/A5-3-4?	A0-4		1/20/2025	See sheet A8-9-1	1/29/2025	5
390	There is no specified brick that has been provided within the 042000 Unit Masonry Spec. Please provide a specified brick that is the Basis of Design. Spec 22-13-00 calls out cast iron for above/below ground sanitary waste and vent. Section 3.4 calls out owner approval required for PVC below grade. Can we confirm that the Owner has approved or will owner approve before bid as a cost saver?		4200	1/20/2025	Belden 470-479 Dark Range Smooth shall be the basis of design for both thin brick and full brick.	2/7/2025	5
391			22-13-00	1/20/2025	Per discussions with owner PVC is an approved alternate for below grade sanitary waste and vent.	2/6/2025	5
392	Will the Owner Consider PVC for above ground application?		22-13-00	1/20/2025	Per discussion with owner PVC is an approved alternate material for above grade applications. Additional requierments are required for instllation of PVC above above grade. 1) Additional hangers required (For PVC piping need hangers 4” on center). 2) Hangers will need to be Vinyl coated. 3) PVC Piping can not be routed inside return air plenums.	2/6/2025	5
393	Rooms #01.12.06 Women’s RR, #01.12.02 Coaches Grooming, #01.13.01 Toilets/Grooming, and #01.12.01 Showers all have elevation callouts for sheet A6-1-10. There is no Sheet A6-1-10. Are the notes an error or will a sheet A6-1-10 be issued in the future?			1/17/2025	A6-1-10 was released in addendum #4	2/7/2025	5
394	Reference details 20 and 25/A8-3-1. Please confirm the door at the event level where this detail applies. Also provide sizes of steel angles and plates noted in this detail.	A8-3-1		1/21/2025	Clarified in Addendum 4	2/6/2025	5
395	Reference Sheet A0-1 - Is wall type OG without any modifier behind it extending to to the deck and assumed to be a sound wall? Is it to be assumed that all walls that extend to the deck are to be sound walls?	A0-1		1/22/2025	Reference sheets A1-1 & A1-2 in Addendum #4, sound walls have been highlighted and will extend up to deck above, otherwise the marked partitions types will apply	2/7/2025	5
396	Reference Sheet A5-1-1 - Please provide specifications for the metal mechanical screen walls at the south side loading dock roof and the Grand Hall roof.	J4, A4/ A5-1-1		1/22/2025	Clarified in Addendum 4	2/6/2025	5
397	Reference Sheets A-1, 2, 3,4 - Please identify roof slope requirements (rise over run) at flat roof and dome areas.	A1-2,3,4		1/22/2025	2021 IBC (1507.10.1) requires min. 1/4" per ft on built up roofs	2/7/2025	5
398	Is wall type OG without any modifier behind it extending to to the deck and assumed to be a sound wall? Is it to be assumed that all walls that extend to the deck are to be sound walls?			1/22/2025	Reference sheets A1-1 & A1-2 in Addendum #4, sound walls have been highlighted and will extend up to deck above, otherwise the marked partitions types will apply	2/7/2025	5
399	Mechanical piping drawings, note MP-19. Please provide drawings showing locations and size requirements of the expansion loops in the chilled and heating water piping.			1/23/2025	The following note can be used as worst case size requirement for expansion loops in locations shown on drawings. Provide U-bend expansion loop with minimum (W) = 4 FT and height (H) = 8 FT. Provide guides at 16 FT from centerline of loop and anchors at locations indicated on plan. Anchor locations shall be coordinated with structural engineer.	2/7/2025	5
400	Refer to A5-1-1; Please provide specifications for the metal mechanical screen walls at the south side loading dock roof and the Grand Hall roof.	A5-1-1		1/24/2025	Material clarified in Addendum 4	2/6/2025	5
401	Refer to A1-5; Please identify roof slope requirements (rise over run) at flat roof and dome areas.	A1-5		1/24/2025	2021 IBC (1507.10.1) requires min. 1/4" per ft on built up roofs	2/7/2025	5
402	Reference A2-5 Roof Plans - At the concrete roof areas Main concourse patios and Catwalk roof levels, these appear to be fully tapered insulation systems. If there a minimum R value required at the drains? There is concern regarding the height of the roof systems at the patio pavers if the insulation is too thick it will not provide enough room to install the pavers.	Reference A2-5 Roof Plans		1/27/2025	On areas located outside building footprint below, minimum thickness around drains could be reduced. Final thickness and clearances needed will not be known until paver and roofing manufacturers are chosen.	2/6/2025	5
403	Reference A2-5 Roof Plans - Please confirm all tapered insulation areas to be sloped at a minimum ¼”:12 with the insulation systems.	Reference A2-5 Roof Plans		1/27/2025	Yes, per code all new roofing is to have a minimum slope of 1/4:12.	2/6/2025	5
404	Reference A2-3A & A2-3D - The suite level main roof at Quad A and D shows partial crickets, but they do not line up with the plumbing drains. Please confirm this area is fully tapered and provide updated drawings with the proper cricket layout. In addition, the mechanical equipment is not showing up on the roof plans at this location.	Reference A2-3A & A2-3D		1/27/2025	You should see these changes in addendum 5.	2/6/2025	5

REQUEST FOR INFORMATION							
PROJECT: MOBILE ARENA		DESIGN PHASE:		BID DOCUMENTS			
CONTRACTOR QUESTION / REQUEST					ARCHITECT CLARIFICATION / RESPONSE		
405	A2-5 Roof Plans - The catwalk roof level is not showing any tapered layout to the drains. Please advise if the roofing trade partner is responsible for the tapered design at this elevation.	Reference A2-5 Roof Plans		1/27/2025	Yes, rigid with tapered to drain at a min. slope of 1/4" per ft.	2/7/2025	5
406	Reference Sheets - A7-5-1 & A8-6-2 - The standard stairs show R6 guardrails & R13B wall rails. The guardrail is a steel pipe picket rail and the wall rail is aluminum. Is it the intent to have these two different types of rails on the same stair.	A7-5-1 & A8-6-2		1/27/2025	Specifically in the stair shafts, similar metals are the intent and should be painted steel	2/7/2025	5
407	Reference A8-6-2 Details 12, 13 and 14 note that rails are Pipe and Tube Railings and refers to specification section 05 5213 Pipe and Tube Railings. In this spec section it specs both steel and aluminum rails. Please clarify material types at all stair rails.	A8-6-2	Section 05 52 13	1/27/2025	Specifically in the stair shafts, similar metals are the intent and should be painted steel	2/7/2025	5
408	Reference: Specification Section 08 80 00 (Glazing) Please confirm if a Florida Product Approval or Miami-Dade Notice of Acceptance is required for the exterior glazing systems (curtainwalls, windows, entrances, etc.) to meet windborne-debris impact resistance requirements. The specification does not currently list this as a requirement.		Section 08 80 00	1/27/2025	Yes impact resistance is a requirement and reference addendum #5	2/7/2025	5
409	On the attached sheet L1-02, I have circled in red an area for the P-103 Detectable Warning Pavers. On this plan I can see the pavers abut to a 6" wide concrete ribbon curb. This curb also abuts up to an 18" wide curb. However, the 18" wide curb is not shown on the detail 3 & 4 / sheet L2-00. Can you clarify the details for this 18" wide curb?			1/27/2025	Details updated, see Addendum 4	2/5/2025	5
410	Please provide sheet A6-01-10			1/27/2025	Refence addendum #4	2/7/2025	5

SECTION 00 10 00 – INVITATION TO BID**INVITATION TO BID**

You are invited to submit a sealed bid for construction of the following facility:

PROJECT NAME: Mobile Arena.
PROJECT LOCATION: 401 Civic Center Drive, Mobile, Alabama 36602
GMC PROJECT NUMBER: AMOB230117
CITY OF MOBILE PROJECT NUMBER: CC-034A-22

1. BID DATE:

- A. Sealed bids will be received from Pre-qualified Bidders only.
- B. Sealed Base Bids will be received and clocked in until 1:30 PM local time, **February 14, 2024**. Sealed Alternate Bids will be received and clocked in until 2:30 PM local time, **February 14, 2024**. Bids are due in the office of the City Clerk, Government Plaza, 9th Floor South Administrative Tower, 205 Government Street, Mobile, Alabama 36602.
- C. All Bids not clocked in at the City Clerk's Office prior to the time specified, or Bids received after the specified time, will be automatically rejected and returned unopened.
- D. All Bids will be publicly opened and read at **3:00 PM** local time, in the Government Plaza Atrium Lobby **located at 205 Government St., Mobile, Alabama 36602**.

2. SPECIFICATIONS AND DRAWINGS:

- A. Specifications and Drawings are on file and may be examined and obtained from the following location: <https://www.cityofmobile.org/bids/>
- B. Bidders shall use complete sets of Bid Documents in preparing their bid. Neither the Owner nor Architect/Engineer assumes responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bid Documents.
- C. All Addenda will be posted to the following location:
<https://www.cityofmobile.org/bids/>
- D. This is a tax-exempt project and shall be certified by the requirements of the Alabama Department of Revenue. Bidders shall NOT include sales and use taxes with their bid amounts. Bidders shall complete the Sales Tax Form C-3A and include it as an attachment to their Bid Form.
- E. Bidder questions shall be submitted electronically to sam.matheny@volkert.com and keith.parker@gmcnetwork.com no later than January 27, 2025.

3. BID SURETY: Required on Bids \$10,000.00 or more

- A. A Cashier's Check drawn on a bank registered to do business in the State of Alabama and which is a member of the Federal Deposit Insurance Corporation, or a Bid Bond payable to Owner, City of Mobile, in the amount of 5% of the Base Bid, but in no event more than \$10,000.00 is required to accompany Bid.
- B. Bid Bond must be issued by a Surety licensed to do business in the State of Alabama. Bidder shall require the attorney in fact who executes the required bonds on behalf of the surety to affix to the bond a certified and current copy of the power of attorney.
- C. No Bid may be modified, withdrawn, or canceled for a period of Ninety (90) days after the time designated above for receipt of bids.

The City of Mobile will have Ninety (90) days from the bid opening date to award contract.

4. SURETY QUALIFICATIONS:

- A. A Surety authorized to do business in the State of Alabama must issue Bonds.
- B. If the Base Bid is \$50,000 or more, the Surety must have a minimum rating of A/Class VI as reported by the latest issue of Best Key Rating Guide Property-Casualty published by Alfred M. Best Company, Inc.

5. IRREGULARITIES AND REJECTION:

- A. The City of Mobile reserves the right to waive irregularities in the Bid and in Bidding, and to reject any or all Bids.

6. BIDDER QUALIFICATIONS:

- A. Bidders shall be pre-qualified in order to submit a bid.
- B. Bids for Work costing \$50,000 or more must be licensed pursuant to current Alabama law and of classifications compliant with the State of Alabama Licensing Board for General Contractors. Note that if the contract amount is \$10,000 or greater, both a Performance Bond and a Labor and Material Payment Bond shall be required. Before Bidding, Contractor shall verify their license classification of their General Contractors license with the State of Alabama Licensing Board for General Contractors to verify classification is acceptable to perform 51% of the Scope of Work.
- C. In case of a joint venture of two or more Contractors, the amount for the bid shall be within the maximum bid limitations as set by the State of Alabama Licensing Board for General Contractors of at least one of the partners to the joint venture.

7. NON-RESIDENT CONTRACTORS:

- A. Except for contracts funded in whole or part with funds received from a federal agency, preference shall be given to resident Contractors on the same basis as the

nonresident Contractor's state awards contracts to Alabama Contractors bidding in similar circumstances.

- B. Nonresident Bidders shall, prior to submitting a bid, be registered with the Alabama Secretary of State and the Alabama Department of Revenue. Provide the Secretary of State Business "Entity ID Number" on the Bid Form in the space provided.

8. PRE-BID CONFERENCE:

- A. **A Mandatory Pre-Bid Conference shall be held on January 8, 2025 at 9:00 AM local time at the National Maritime Museum located at 155 Water Street, Mobile, Alabama 36602.** The conference will begin with an informal introductory meet and greet of the pre-qualified Prime Contractors to Small Business Subcontractor/Suppliers who wish to attend the meeting. This will be followed by the formal pre-bid conference. The pre-bid conference will be followed by a walkthrough of the site location with Pre-qualified Prime Contractors only.
- B. The Pre-bid conference will be open to potential subcontractors and suppliers.
- C. Minutes of this conference will be issued as an Addendum to the bid documents.

9. BID SUBMITTAL:

- A. Bids must be submitted on copies of the Bid Forms furnished in the bidding documents.
- B. Bid, with Bid Security, Sales Tax Form C-3A and other supporting data specified, shall be contained in a sealed, opaque envelope, approximately 9x12 inches or larger and be marked on the outside with the words "**SEALED BID FOR MOBILE ARENA - PROJECT NUMBER: CC-034-22.**"
- C. The Bid envelope shall be clearly addressed to the Owner as indicated on the Bid Form and include the bid date, the name, address and State License number and classification of the Bidder issued by the State of Alabama Licensing Board for General Contractors.
- D. All Bids of \$50,000 or more must include the bidder's State of Alabama General Contractor's License information written on the outside of the bid envelope. Any bid submitted without such license information may be rejected and returned to the bidder unopened.
- E. In addition, in large letters on both front and back of envelope, write the following: DO NOT OPEN UNTIL **THREE PM, February 14, 2025**.
- F. For a bid to be valid it shall be delivered at designated location prior to time and date for receipt of Bids indicated in INVITATION TO BID, or prior to any extension thereof issued to Bidders. After that time no Bid will be received or withdrawn.
- G. When sent by mail, preferably special delivery, express service, or registered mail, the sealed Bids, marked as indicated above, shall be enclosed in another envelope for mailing such that the exterior mailing container or envelope may be opened without

revealing the contents of the Bids. It is the Contractors responsibility to assure delivery of the bid to the City Clerk's Office prior the time and date established.

- H. Bidders are required to submit the Subcontracting and Major Supplier Plan as provided in Addendum 1. The Subcontracting and Major Supplier Plan is only required to be completed for the Base Bid and shall be submitted with the Base Bid. The plan should list the subcontractors and suppliers the Bidder intends to utilize. The successful bidder may revise the Subcontracting and Major Supplier Plan following bid submission and prior to Contract signing provided the revisions do not result in a lower overall percentage of DBE participation than the overall DBE percentage provided in the original Subcontracting and Major Supplier Plan submitted with the base bid. Following Contract signing, the Subcontracting and Major Supplier Plan may only be revised with City of Mobile approval.

10. EQUAL OPPORTUNITY:

- A. The City of Mobile, Alabama is an Equal Opportunity Employer and requires that all Contractors comply with the Equal Employment Opportunity laws and the provisions of the Bid Documents in this regard.
- B. The City of Mobile also encourages and supports the utilization of Minority Business Enterprises on these and all other publicly solicited Bids, and shall be in compliance with the City of Mobile's Minority Utilization Plan as adopted by the City Council.
- C. Contractor shall provide an appropriately completed copy of the "City of Mobile Subcontracting and Major Supplier Plan" in the envelope with their Bid Form. Form shall document DBE Subcontractors participating in the project. The total % of DBE participation shall be equal to or greater than 15% of the total bid price. During construction, contractors are required to submit a "DBE Utilization Report" with every Pay Application.
- D. Contractors should contact the City of Mobile, Supplier Diversity Manager for assistance with DBE Subcontractor information and any questions regarding the DBE Compliance Forms. Contact Archnique Kidd at 251-208-7967.

11. ADDITIONAL BIDDING PROCEDURES:

- A. Refer to the complete information in the Bid Documents prior to submitting a bid. Additional Bidding Procedure information is contained therein, particularly in the specification Section 00 20 00 "Instructions to Bidders - AIA Document A701" and in the specification Section 00 22 00 "Supplementary Instructions to Bidders".

12. STATE OF ALABAMA IMMIGRATION ACT

"The State of Alabama, under the Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535, Alabama Code Section 31-13-1, et. Seq., requires:

- A. That the Contractor shall be enrolled in the E-Verify Program, shall participate in that Program during the performance of the contract, and shall verify the immigration

status of every employee who is required to be verified, according to the applicable federal rules and regulations; and

- B. That it will attach to the contract the company's documentation of enrollment in E-Verify.
- C. Subcontractors must also enroll in the E-Verify Program prior to performing any work on the contract and shall attach to its sworn affidavit documentation establishing that the subcontractor is enrolled in the E-Verify Program.

13. PUBLIC CONTRACTS WITH ENTITIES ENGAGING IN CERTAIN BOYCOTT ACTIVITIES

- A. By signing this contract, Contractor further represents and agrees that it is not currently engaged in, nor will it engage in, any boycott of a person or entity based in or doing business with a jurisdiction with which the State of Alabama can enjoy open trade.

END OF SECTION

SECTION 01 23 00 - ALTERNATES**PART 1 - GENERAL****1.1 SUMMARY**

- A. Section includes administrative and procedural requirements for alternates.

1.2 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum.

1.3 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
1. Include, as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation, whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated revisions to alternates.
- C. Execute accepted alternates under the same conditions as other Work of the Contract.
- D. Schedule: A schedule of alternates is included at the end of this Section. Refer to Drawings for details of each alternate.

PART 2 - PRODUCTS (NOT USED)**PART 3 - EXECUTION****3.1 SCHEDULE OF ALTERNATES**

- A. Alternate No. 1: (Removed)
1. This Alternate no longer applies to the project. Base Bid Shall reflect retractable seating.
- B. Alternate No. 2: Southwest Balcony Add
1. Add Alternate Design: Northwest Balcony to remain in base bid. All other balconies would include structure only for future fit-out, but no finishes at COO.
- C. Alternate No. 3: Northeast Balcony Add
1. Add Alternate Design: Northwest Balcony to remain in base bid. All other balconies would include structure only for future fit-out, but no finishes at COO.

- D. Alternate No. 4: High Screen Architectural Color Lighting Add
1. Add Alternate Design: Base bid to exclude SL-13 Fixture from High Roof. Provide add alternate to include SL-13 Fixture at High Roof from Base Bid to allow color changing capability illuminating high roof.
- E. Alternate No. 5: Enslava Exterior Streetscape
1. Add Alternate Design: Base bid to exclude streetscape improvements along Enslava. Provide add alternate to include improvements.
- F. Alternate No. 6: S. Hamilton Exterior Streetscape
1. Add Alternate Design: Base bid to exclude streetscape improvements along S. Hamilton. Provide add alternate to include improvements.
- G. Alternate No. 7: Home Hockey Locker Room – Owner Fit-Out
1. Base bid to for Home Hockey Locker Area shall be 'white box'- shell space only inclusive of all partitions, mechanical and electrical infrastructure only. No furniture or fixtures to be installed. Add Alternate Design: Provide add alternate for full fit-out of the area (5,570 SF) as designed.
- H. Alternate No. 8: Team Store Fit out (By Team or Sponsorship)
1. Add Alternate Design: Base bid to Team Store Area to be 'white box' - shell space with mechanical and electrical infrastructure only. Provide add alternate for full fit-out of the area as designed
- I. Alternate No. 9: Color Tuning Sports Lighting
1. Add Alternate Design: Additional infrastructure would provide arena additional sports lighting flexibility.
- J. Alternate No. 10: (Removed)
1. This Alternate no longer applies to the project. Allow \$200,000 for sprinklers above the event floor.

END OF SECTION

ADDENDUM NO 05

02/07/25

ISSUED BY

Henderson Engineers, Inc.
8345 Lenexa Dr, #300
Lenexa, KS 66214

ISSUED FOR

Mobile Arena
Mobile, AL

NOTICE TO ALL BIDDERS FOR THE

Mobile Arena
Mobile, AL

You are instructed to read and to note the following described changes, corrections, clarifications, omissions, deletions, additions, approvals, and statements pertinent to the Contract Bid and Construction Documents.

This addendum is part of the Contract Bid and Construction Documents and shall govern in the performance of the Work.

ELECTRICAL

1. E0-2 – ELECTRICAL SITE PLAN
 - A. Revised circuits per panel phase balancing.
2. E0-3 – LIGHTING SITE PLAN
 - A. Added box note per panel phase balancing.
 - B. Revised existing site poles to show layer as existing.
 - C. Removed circuitry from existing site poles.
 - D. Revised plan note EL25.
3. E0-4 – LIGHTING SITE ENLARGED PLAN
 - A. Revised circuits per panel phase balancing.
4. E2-01A – POWER - 01 - EVENT LEVEL PLAN - QUAD A
 - A. Revised circuits per panel phase balancing.
5. E2-01B – POWER - 01 - EVENT LEVEL PLAN - QUAD B
 - A. Added power and lighting to Street Locker lockers.
 - B. Revised lighting circuits to Home Locker lockers.
 - C. Added power to Coach's Locker lockers.
 - D. Added plan notes EP64 and EP65.
 - E. Revised receptacles to GFCI receptacles.
 - F. Revised GFCI receptacles to normal receptacles with GFI breaker.
6. E2-01C – POWER - 01 - EVENT LEVEL PLAN - QUAD C
 - A. Revised GFCI receptacles to normal receptacles with GFI breaker.
7. E2-01D – POWER - 01 - EVENT LEVEL PLAN - QUAD D

- A. Revised disconnect switch properties for trash compactors.
- 8. E2-03B – POWER - 03 - SUITE LEVEL PLAN - QUAD B
 - A. Revised circuits per panel phase balancing.
- 9. E2-03C – POWER - 03 - SUITE LEVEL PLAN - QUAD C
 - A. Revised circuits per panel phase balancing.
- 10. E2-11A – EQUIPMENT CONNECTION - 01 - EVENT LEVEL PLAN - QUAD A
 - A. Revised disconnect switch properties for EF-1.2.
- 11. E2-11B – EQUIPMENT CONNECTION - 01 - EVENT LEVEL PLAN - QUAD A
 - A. Removed TP1 and associated circuitry from Treatment Room 01.15.04.
 - B. Revised disconnect switch properties for DEF-1 & 2.
 - C. Added disconnect switch properties for HYU-1.
- 12. E2-11D – EQUIPMENT CONNECTION - 01 - EVENT LEVEL PLAN - QUAD D
 - A. Revised disconnect switch properties for CT basin heaters and BSF-1.
 - B. Revised circuits per panel phase balancing.
 - C. Added TP1 and associated circuitry to Chiller 01.28.07.
- 13. E2-12C – EQUIPMENT CONNECTION - 02 - MAIN CONCOURSE PLAN - QUAD C
 - A. Added plan note EE19.
- 14. E2-12D – EQUIPMENT CONNECTION - 02 - MAIN CONCOURSE PLAN - QUAD D
 - A. Revised disconnect switch properties for BVF-1.
 - B. Added disconnect switch properties for KEF-3.
 - C. Added plan note EE19.
- 15. E2-13A – EQUIPMENT CONNECTION - 03 - SUITE LEVEL PLAN - QUAD A
 - A. Revised disconnect switch properties for TF-3.1.
- 16. E2-13B – EQUIPMENT CONNECTION - 03 - SUITE LEVEL PLAN - QUAD B
 - A. Revised disconnect switch properties for TF-3.2.
 - B. Added plan note EE19.
- 17. E2-13C – EQUIPMENT CONNECTION - 03 - SUITE LEVEL PLAN - QUAD C
 - A. Added plan note EE19.
- 18. E2-13D – EQUIPMENT CONNECTION - 03 - SUITE LEVEL PLAN - QUAD D
 - A. Added plan note EE19.
- 19. E2-14A – EQUIPMENT CONNECTION - 04 - CATWALK LEVEL PLAN - QUAD A
 - A. Added disconnect switch properties for EF-4.2.
- 20. E2-14D – EQUIPMENT CONNECTION - 04 - CATWALK LEVEL PLAN - QUAD D
 - A. Revised disconnect switch properties for EF-4.5.
 - B. Added plan note EE19.
- 21. E2-21A – LIGHTING - 01 - EVENT LEVEL PLAN - QUAD A
 - A. Removed lighting control plan note.
 - B. Added panel phase balance circuit plan note and F1B to F1-EB plan note.
- 22. E2-21B – LIGHTING - 01 - EVENT LEVEL PLAN - QUAD B
 - A. Removed lighting control plan note.
 - B. Added panel phase balance circuit plan note and F1B to F1-EB plan note.
 - C. Revised room controller to RE8 and add Home Locker lighting circuit.
 - D. Added Street Locker lighting circuit to room controller.
 - E. Added plan note EL113.

23. E2-21C – LIGHTING - 01 - EVENT LEVEL PLAN - QUAD C
 - A. Removed lighting control plan note.
 - B. Added panel phase balance circuit plan note and F1B to F1-EB plan note.
24. E2-21D – LIGHTING - 01 - EVENT LEVEL PLAN - QUAD D
 - A. Removed lighting control plan note.
 - B. Add panel phase balance circuit plan note and F1B to F1-EB plan note.
25. E2-22A – LIGHTING - 02 - MAIN CONCOURSE PLAN - QUAD A
 - A. Removed lighting control plan note.
 - B. Added panel phase balance circuit plan note and F1B to F1-EB plan note.
26. E2-22B – LIGHTING - 02 - MAIN CONCOURSE PLAN - QUAD B
 - A. Removed lighting control plan note.
 - B. Added panel phase balance circuit plan note and F1B to F1-EB plan note.
27. E2-22C – LIGHTING - 02 - MAIN CONCOURSE PLAN - QUAD C
 - A. Removed lighting control plan note.
 - B. Added panel phase balance circuit plan note and F1B to F1-EB plan note.
28. E2-22D – LIGHTING - 02 - MAIN CONCOURSE PLAN - QUAD D
 - A. Removed lighting control plan note.
 - B. Added panel phase balance circuit plan note and F1B to F1-EB plan note.
29. E2-23A – LIGHTING - 03 - SUITE LEVEL PLAN - QUAD A
 - A. Removed lighting control plan note.
 - B. Added panel phase balance circuit plan note and F1B to F1-EB plan note.
30. E2-23B – LIGHTING - 03 - SUITE LEVEL PLAN - QUAD B
 - A. Removed lighting control plan note.
 - B. Added panel phase balance circuit plan note and F1B to F1-EB plan note.
 - C. Revised LL10 fixture types to LL10E and revise circuit and zone.
31. E2-23C – LIGHTING - 03 - SUITE LEVEL PLAN - QUAD C
 - A. Removed lighting control plan note.
 - B. Added panel phase balance circuit plan note and F1B to F1-EB plan note.
 - C. Revised circuits per panel phase balancing.
32. E2-23D – LIGHTING - 03 - SUITE LEVEL PLAN - QUAD D
 - A. Removed lighting control plan note.
 - B. Added panel phase balance circuit plan note and F1B to F1-EB plan note.
 - C. Revised circuits per panel phase balancing.
33. E2-24B – LIGHTING - 04 - CATWALK LEVEL PLAN - QUAD B
 - A. Added panel phase balance circuit plan note.
34. E4-04 – ENLARGED ELECTRICAL PLANS
 - A. Revised circuiting per panel phase balancing.
35. E4-05 – ENLARGED ELECTRICAL PLANS
 - A. Revised circuiting per panel phase balancing.
 - B. Added revise fixture F3B to F3-EB plan note.
36. E4-06 – ENLARGED ELECTRICAL PLANS
 - A. Revised Food Service Drawings box note.
 - B. Revised kitchen equipment tags.
37. E4-07 – ENLARGED ELECTRICAL PLANS

- A. Revised Food Service Drawings box note.
- B. Revised kitchen equipment locations per architect update.
- 38. E4-08 – ENLARGED ELECTRICAL PLANS
 - A. Revised Food Service Drawings box note.
- 39. E4-09 – ENLARGED ELECTRICAL PLANS
 - A. Revised Food Service Drawings box note.
- 40. E4-11 – ENLARGED ELECTRICAL PLANS
 - A. Revised disconnect switch properties for RP1.
 - B. Revised circuiting per panel phase balancing.
- 41. E5-01 – ELECTRICAL ONE-LINE DIAGRAMS
 - A. Revised Short-Circuit and Voltage Drop Values table.
- 42. E5-05 – ELECTRICAL ONE-LINE DIAGRAMS
 - A. Revised KEF-3 disconnect switch.
- 43. E5-06 – ELECTRICAL ONE-LINE DIAGRAMS
 - A. Revised disconnect switches per short-circuit calculations.
 - B. Added BSF-1.
- 44. E6-02 – ELECTRICAL SCHEDULES
 - A. Revised circuiting per panel phase balancing.
- 45. E6-04 – ELECTRICAL SCHEDULES
 - A. Revised circuiting per panel phase balancing.
- 46. E6-05 – ELECTRICAL SCHEDULES
 - A. Revised circuit RP1N-NE-1B1 - 97 load.
 - B. Revised what circuits are to be spares.
 - C. Added circuits for locker room power and lighting.
 - D. Revised circuits to GF breakers.
- 47. E6-06 – ELECTRICAL SCHEDULES
 - A. Revised circuiting per panel phase balancing.
- 48. E6-08 – ELECTRICAL SCHEDULES
 - A. Revised circuiting per panel phase balancing.
- 49. E6-10 – ELECTRICAL SCHEDULES
 - A. Revised circuiting per panel phase balancing.
- 50. E6-13 – ELECTRICAL SCHEDULES
 - A. Revised circuiting per panel phase balancing.
- 51. E6-15 – ELECTRICAL SCHEDULES
 - A. Revised circuits to GFI breakers.
- 52. E6-17 – ELECTRICAL SCHEDULES
 - A. Revised circuiting per panel phase balancing.
- 53. E6-18 – ELECTRICAL SCHEDULES
 - A. Revised circuiting per panel phase balancing.
- 54. E6-19 – ELECTRICAL SCHEDULES
 - A. Revised circuiting per panel phase balancing.
- 55. E6-20 – ELECTRICAL SCHEDULES
 - A. Revised circuiting per panel phase balancing.
- 56. E6-21 – ELECTRICAL SCHEDULES

- A. Revised circuiting per panel phase balancing.
- 57. E6-22 – ELECTRICAL SCHEDULES
 - A. Revised circuiting per panel phase balancing.
- 58. E6-24 – ELECTRICAL SCHEDULES
 - A. Revised circuit RP1N-CP-1D1 - 48 load.
 - B. Revised circuiting per panel phase balancing.
- 59. E8-03 – LIGHTING CONTROLS AND SCHEDULES
 - A. Removed fixture type EM1.
 - B. Revised fixture type to F1-EB.
 - C. Revised fixture type to F3-EB.
- 60. E8-04 – LIGHTING CONTROLS AND SCHEDULES
 - A. Removed fixture LL6 and revise to fixture type LL6E.
 - B. Removed fixture LL6A and revise to fixture type LL6AE.
- 61. E8-07 – LIGHTING CONTROLS AND SCHEDULES
 - A. Revised models of fixture type X1 and X2.
- 62. E8-09 – LIGHTING CONTROLS AND SCHEDULES
 - A. Removed lighting control plan note.
 - B. Added zones LR-27 and LR-28.
- 63. E8-12 – LIGHTING CONTROLS AND SCHEDULES
 - A. Revised circuiting per panel phase balancing.

PLUMBING

- 1. P2-00A - PLUMBING - 00 - UNDERGROUND PLAN - QUAD A
 - A. Shifted RPZ3 locations within FS Storage for access.
 - B. Shifted water piping to match new locations of RPZ.
 - C. Added Hub Drain to serve RPZ3.
- 2. P2-00D - PLUMBING - 00 - UNDERGROUND PLAN - QUAD D
 - A. Added Hub Drain for elevator sump pump discharge.
- 3. P2-11A - PLUMBING WASTE & VENT - 01 - EVENT LEVEL PLAN - QUAD A
 - A. Revised sanitary pipe routing for Main Concourse spaces.
 - B. Added hub drain to serve AHU condensate discharge.
 - C. Revised FCU condensate pipe routing to avoid conflicts with AHU platform.
 - D. Added and Revised vent piping for Men's and Women's RR (01.32.01 & 01.01.01).
 - E. Added sanitary waste and vent piping to serve new Hub Drain serving RPZs in FS Storage.
- 4. P2-11B - PLUMBING WASTE & VENT - 01 - EVENT LEVEL PLAN - QUAD B
 - A. Revised primary ad storm drain routing to avoid conflicts with electrical equipment.
- 5. P2-11C - PLUMBING WASTE & VENT - 01 - EVENT LEVEL PLAN - QUAD C
 - A. Added grease waste piping to serve bar sink on level above.
 - B. Shifted storm piping to be within chase on Main Concourse.
 - C. Added condensate piping for Area C FCUs on Suite Level.
 - D. Added walk in cooler detail to kitchen equipment.
- 6. P2-11D - PLUMBING WASTE & VENT - 01 - EVENT LEVEL PLAN - QUAD D
 - A. Revised waste and vent piping for Main Concourse Men's and Women's restroom.
 - B. Shifted hub drain on main concourse to provide adequate access.

7. P2-12C - PLUMBING WASTE & VENT - 02 - MAIN CONCOURSE PLAN - QUAD C
 - A. Revised pipe sizes for all floor drains on level above to be a minimum of 3".
 - B. Shifted Hub drain located in stairwell.
 - C. Added grease waste piping to serve bar sink.
8. P4-00 - PLUMBING ENLARGED PLANS
 - A. Added keynote PW124 and PW125 for clarification on ice out pit.
 - B. Added backflow preventer hot box detail.
9. P4-01 - PLUMBING ENLARGED PLANS
 - A. Revised water closet routing to meet installation requirements for maximum amount of water closets along a single sanitary waste header.
 - B. Shifted RPZ3 locations within FS Storage for access.
 - C. Shifted water piping to match new locations of RPZ
 - D. Added Hub Drain to serve RPZ3.
10. P4-02 - PLUMBING ENLARGED PLANS
 - A. Revised water closet routing to meet installation requirements for maximum amount of water closets along a single sanitary waste header.
11. P4-03 - PLUMBING ENLARGED PLANS
 - A. Added Hub Drain for elevator sump pump discharge.
 - B. Revised sanitary piping within for Event Staff RRs chase.
 - C. Added FD8 to laundry trench.
 - D. Revised grease waste piping serving sink in crew kitchen.
 - E. Added hot water recirc piping to serve prep table sink.
 - F. Decreased the size of sanitary pipe serving breakroom kitchenette.
12. P4-04 - PLUMBING ENLARGED PLANS
 - A. Increased vent pipe sizes serving comb grease waste/vent and combo waste/vent systems.
13. P4-05 - PLUMBING ENLARGED PLANS
 - A. Added island vent detail for bar hand sinks.
 - B. Added sanitary waste and vent piping to serve new Hub Drain serving RPZs in FS Storage.
 - C. Revised sump pump discharge pipe routing to route new discharge location.
 - D. Revised water closet routing to meet installation requirements for maximum amount of water closets along a single sanitary waste header.
 - E. Added and Revised vent piping for Women's RR (01.01.01).
 - F. Revised waste and vent piping for Main Concourse Men's and Women's restroom.
 - G. Revised pipe sizes for all floor drains on level above to be a minimum of 3".
 - H. Revised grease waste and vent piping serving Bar A (02.03.01)
14. P4-07 - PLUMBING ENLARGED PLANS
 - A. Added walk in cooler detail to kitchen equipment.
 - B. Added Drip Pan detail and keynote PG2 for clarity.
 - C. Added Hub Drain for elevator sump pump discharge.
 - D. Added keynote PS3 for clarity on routing of elevator sump pump discharge.
 - E. Revised pipe sizes for all floor drains on level above to be a minimum of 3".
15. P4-08 - PLUMBING ENLARGED PLANS
 - A. Added walk in cooler detail to kitchen equipment.
 - B. Revised sanitary pipe routing to not route over electrical equipment.
 - C. Added keynote for clarity on routing near electrical panels.

- D. Increased vent pipe sizes serving combo grease waste/vent and combo waste/vent systems.
 - E. Added Drip Pan detail and keynote PG2 for clarity.
16. P4-10 - PLUMBING ENLARGED PLANS
- A. Shifted RPZ3 locations within FS Storage for access.
 - B. Shifted water piping to match new locations of RPZ.
 - C. Added keynote PW126 for clarity on routing to bar 3-Comp Sinks.
 - D. Added water piping to serve exterior hose bib.
17. P4-11 - PLUMBING ENLARGED PLANS
- A. Added trap primer to serve floor drains/sinks within chiller room.
 - B. Added gas entry detail.
 - C. Added water entry detail.
 - D. Added hot water recirc piping and flow control valve to serve prep table sink.
18. P4-12 - PLUMBING ENLARGED PLANS
- A. Added kitchen hose reel detail for clarification on installation.
 - B. Revised RO piping to be softened cold water piping.
 - C. Added keynote PW127 for clarity on routing to food service Combi Ovens.
19. P4-13 - PLUMBING ENLARGED PLANS
- A. Revised grease waste and vent piping serving Bar A (02.03.01)
 - B. Revised water closet routing to meet installation requirements for maximum amount of water closets along a single sanitary waste header.
 - C. Revised pipe sizes for all floor drains on level above to be a minimum of 3".
 - D. Added island vent detail for bar hand sinks.
20. P4-14 - PLUMBING ENLARGED PLANS
- A. Revised water closet routing to meet installation requirements for maximum amount of water closets along a single sanitary waste header.
 - B. Revised pipe sizes for all floor drains on level above to be a minimum of 3".
 - C. Added island vent detail for bar hand sinks.
 - D. Revised storm pipe routing to be within chase.
 - E. Revised condensate pipe routing to route to floor sink on Event level.
 - F. Shifted hub drain on main concourse to provide adequate access.
 - G. Removed add alternate note for Main Concourse Men's & Women's RR and Market.
21. P4-15 - PLUMBING ENLARGED PLANS
- A. Added island vent detail for bar hand sinks.
22. P4-16 - PLUMBING ENLARGED PLANS
- A. Added keynote PW126 for clarity on routing to bar 3-Comp Sinks.
23. P4-17 - PLUMBING ENLARGED PLANS
- A. Added keynote PW126 for clarity on routing to bar 3-Comp Sinks.
 - B. Increased water headers serving bar.
24. P4-18 - PLUMBING ENLARGED PLANS
- A. Added keynote PW128 for clarity on routing to food service glassware washer.
 - B. Added keynote PW129 for clarity on routing to food service convection steamer.
25. P4-19 - PLUMBING ENLARGED PLANS
- A. Added Drip Pan detail and keynote PG2 for clarity.
26. P7-02 - PLUMBING SCHEDULES

- A. Added note to "Water Heater Gas Cooper Fin Tube Schedule" to provide clarification on stacked units.
- 27. P8-01 - PLUMBING DETAILS
 - A. Revised "Washer Extractor" detail for clarification (6-P8-01).
- 28. P8-02 - PLUMBING DETAILS
 - A. Revised "Natural Gas Entry" detail (8-P8-02)
- 29. P8-03 - PLUMBING DETAILS
 - A. Added "Island Fixture Vent" detail (11-P8-03).
 - B. Added "Kitchen Hose Reel Connection" detail (12-P8-03).
 - C. Added "Walk-In Box Condensate Drain" detail (13-P8-03).
 - D. Added "Backflow Preventer in Box" detail (14-P8-03).

FIRE

- 1. General – applied to all levels
 - A. Provide equipment and connection(s) required to interface with lighting panels to increase lighting upon fire alarm activation. refer to electrical plans for connection locations.
- 2. F2-02B- MAIN CONCOURSE RCP - QUAD B
 - A. Fire alarm devices were removed from area next to the Elev. EP-3 per plan.
- 3. F2-02C- MAIN CONCOURSE RCP - QUAD C
 - A. Fire alarm devices were removed from area next to the Elev. EP-4 per plan.
- 4. F2-03A- SUITE LEVEL RCP - QUAD A
 - A. Add fire smoke damper and remote test station per plan in Loge Club 03.03.02
- 5. F2-03B- SUITE LEVEL RCP - QUAD B
 - A. Add fire smoke damper and remote test station per plan in Loge Club 03.03.02
 - B. Fire alarm devices were removed from area next to the Elev. EP-3 per plan.
- 6. F2-03C- SUITE LEVEL RCP - QUAD C
 - A. Add fire smoke damper and remote test station per plan in front of Elev. EP-4
 - B. Fire alarm devices were removed from area next to the Elev. EP-4 per plan.
- 7. F2-03D- SUITE LEVEL RCP - QUAD D
 - A. Add fire smoke damper and remote test station per plan in front of Service ES-6 per plan