ADDENDUM 2

2 March, 2021

ITB AP 21-21

Construction of Satellite Concourse "C" at Destin-Fort Walton Beach Airport

Please find attached the Document and information below, for the above referenced Addendum No. 2. This Addendum is hereby made a part of the Contract Documents and Specifications of the above referenced project. All other requirements of the original Contract Documents and Specifications shall remain effective in their respective order. The purpose of Addendum No. 2 is to publish contractor questions with answers, received prior to the last day for questions, update automobile liability insurance coverage limits and further clarify technical specifications, as referenced herein.

Note: <u>The ITB Opening Date & Time remains unchanged.</u>

<u>All bidders shall use and submit prices upon the Bid Sheet located on Page 80 of this Addendum No. 2.</u>

MLM–MARTIN
ARCHITECTS, INC.

Addendum No 2

Project:	ITB AP 21-21 Construction of Satellite Concourse "C"		
To:	Okaloosa County, Florida Board of County Commissioners Okaloosa County Purchasing Department 5479A Old Bethel Road Crestview, FL 32536	**From:**	MLM-Martin Architects, Inc. 668 N. Orlando Ave, Ste. 107 Maitland, FL 32751
ATTN:	Jessica Darr		Miguel A. Martin
RE:	Addendum No 2 [Δ 2]		
Date:	3/2/2020	**File:**	19672-511-10

ATTACHED IS ADDENDUM NO 2 TO THE SUBJECT CONTRACT DOCUMENTS. THIS ADDENDUM SETS FORTH CHANGES AND/OR ADDITIONAL INFORMATION AS REFERENCED HEREIN AND IS HEREBY MADE PART OF AND SHOULD BE ATTACHED TO THE CONTRACT DOCUMENTS. **ACKNOWLEDGE RECEIPT** OF ALL ADDENDA IN THE SPACE PROVIDED IN THE **BID FORM**. FAILURE TO DO SO MAY SUBJECT THE BIDDERS TO DISQUALIFICATION.

A. Specifications:

Item #1: Section OCSC, "OKALOOSA COUNTY STANDARD CLAUSES"
MODIFIED: BUSINESS AUTOMOBILE LIABILITY.

Coverage must be afforded for all Owned, Hired, Scheduled, and Non-Owned vehicles for Bodily Injury and Property Damage in an amount not less than ~~$15,000,000~~ $1,000,000 combined single limit each accident. If the contractor does not own vehicles, the contractor shall maintain coverage for Hired & Non-Owned Auto Liability, which may be satisfied by way of endorsement to the Commercial General Liability policy or separate Business Auto Policy. Contractor must maintain this insurance coverage throughout the life of this Agreement.

Item #2: Section 23 41 00, "PARTICULATE AIR FILTRATION"
DELETED: paragraph 2.3.

Item #3: Section 27 15 16, "Public Address System"
DELETED: paragraph 2.2-B.-1.
DELETED: paragraph 2.2-B.-2.
DELETED: paragraph 2.2-B.-3.
DELETED: paragraph 2.2-B.-4.
MODIFIED: paragraph 2.2-B.-5

*~~5.1.~~ TSA SSCP queuing spaces -TSA wait times and -3-1-1 types passenger information on screening process. **Provisions for (4) locations within the SSCP West Wall at TV height (2 ports per location).***

MODIFIED: paragraph 2.2-B.-6

*~~6.2.~~ Additional display types and locations ~~TBD~~ **AS INDICATED ON AF DRAWINGS AS X1 AND X2.***

DELETED: paragraph 2.2-D.

668 North Orlando Avenue, Suite 107, Maitland, FL 32751
Phone 407 897 6764, Fax 407 894 1338,
mamartin@mlm-martin.com www.mlm-martin.com License No. AA C002208

DELETED: paragraph 2.4-B.-4.

Item #4: Section 27 42 16, "Multiuser Flight Information Display System (MUFIDS)"

MODIFIED: paragraph 1.2-E.

It shall be this Contractor's responsibility to sub-contract with the current PA System provider/integrator to provide all necessary coordination, equipment, and programming modifications to properly facilitate the full and seamless integration of the new Satellite Concourse 'C' PA system with the existing Peavey MediaMatrix PA system. Contact ~~Michael Dimartinis~~ Joe Fulton of ~~Elite Audio LLC~~ Modern Sound & Communication Inc. at ~~(856) 227-6800~~ 251-380-0980.

B. Drawings:

Item #1: G001
INDEX **UPDATED**

Item #2: G201
(RFC #37) NOTE LEGEND - **ADDED** - FOR CLARIFICATION ON SITE AND FOD PROTECTION.

Item #3: G211
PLAN B1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #4: G212
(RFC #14) NOTE - **ADDED** - DESCRIPTION OF SOUTH WALL, WINDOW, AND DOORS MOVING WITH ALTERNANTS FOR CLARIFICATION. ALSO, REMOVED MATCHLINE GRAPHIC FOR CLARITY ON ALL PLANS
PLAN A1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.
PLAN B1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #5: G221
SHEET **ADDED** FOR CLARITY OF ALLOWANCE.

Item #6: G311
PLAN D1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #7: AL111
PLAN D1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.
SCHEDULE - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #8: AL211
PLAN D1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #9: AL641
TYPE T - **ADDED** - TO HEIGHT MODIFIERS.

Item #10: AL710
PLAN D1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #11: A110
PLAN A1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

668 North Orlando Avenue, Suite 107, Maitland, FL 32751
Phone 407 897 6764, Fax 407 894 1338,
mamartin@mlm-martin.com www.mlm-martin.com License No. AA C002208

PLAN D1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #12: A212

PLAN B1 - **CLARIFIED** - STUD WALLS WITHIN RESTROOM CLUSTERS GO FROM SLAB TO DECK. F1 TYPE WALLS FOR RESTROOM CHASES THAT DO NOT ABUT EXTERIOR, JANITORS, MOTHERS, FAMILY, ELECTRICAL OR COMMS ROOMS ARE MARKED WITH HEIGHT DESIGNATOR "T" INDICATING GWB/MWB MAY STOP 8" ABOVE CEILING.

Item #13: A213

PLAN B1 - **CLARIFIED** - STUD WALLS WITHIN RESTROOM CLUSTERS GO FROM SLAB TO DECK. F1 TYPE WALLS FOR RESTROOM CHASES THAT DO NOT ABUT EXTERIOR, JANITORS, MOTHERS, FAMILY, ELECTRICAL OR COMMS ROOMS ARE MARKED WITH HEIGHT DESIGNATOR "T" INDICATING GWB/MWB MAY STOP 8" ABOVE CEILING.

Item #14: A215

PLAN B1 - **CLARIFIED** - STUD WALLS WITHIN RESTROOM CLUSTERS GO FROM SLAB TO DECK. F1 TYPE WALLS FOR RESTROOM CHASES THAT DO NOT ABUT EXTERIOR, JANITORS, MOTHERS, FAMILY, ELECTRICAL OR COMMS ROOMS ARE MARKED WITH HEIGHT DESIGNATOR "T" INDICATING GWB/MWB MAY STOP 8" ABOVE CEILING.

PLAN B1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #15: A314

PLAN B1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #16: A513

ELEVATION D1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

NOTE 6 - **CORRECTED** - ERRONEOUS SHEET REFERENCE FOR RAILING DETAILS.

Item #17: A514

ELEVATION D1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

NOTE 6 - **CORRECTED** - ERRONEOUS SHEET REFERENCE FOR RAILING DETAILS.

Item #18: A601

SECTION B1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

SECTION C1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

SECTION D1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #19: A612

SECTION A1 - **CLARIFIED** - STUD WALLS WITHIN RESTROOM CLUSTERS GO FROM SLAB TO DECK. F1 TYPE WALLS FOR RESTROOM CHASES THAT DO NOT ABUT EXTERIOR, JANITORS, MOTHERS, FAMILY, ELECTRICAL OR COMMS ROOMS ARE MARKED WITH HEIGHT DESIGNATOR "T" INDICATING GWB/MWB MAY STOP 8" ABOVE CEILING.

668 North Orlando Avenue, Suite 107, Maitland, FL 32751
Phone 407 897 6764, Fax 407 894 1338,
mamartin@mlm-martin.com www.mlm-martin.com License No. AA C002208

Item #20: A851
TYPE T - **ADDED** - TO HEIGHT MODIFIERS.

Item #21: A862
DETAIL A3 - **ADDED** - REF TO NOTE 13 FOR CLARITY.
DETAIL B3 - **ADDED** - REF TO NOTE 13 FOR CLARITY.
NOTE LEGEND - **ADDED** - FOR CLARITY. NOTES PREVIOUSLY ISSUED ON ALL PLANS.

Item #22: A863
NOTE LEGEND - **ADDED** - FOR CLARITY. NOTES PREVIOUSLY ISSUED ON ALL PLANS.

Item #23: AF212
PLAN B1 - **CLARIFIED** - LOCATION OF MWB WITHIN MAIN CHASE SPACES.

Item #24: AF213
PLAN B1 - **CLARIFIED** - LOCATION OF MWB WITHIN MAIN CHASE SPACES.

Item #25: AF214
PLAN B1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #26: AF215
PLAN B1 - **CLARIFIED** - LOCATION OF MWB WITHIN MAIN CHASE SPACES.
PLAN B1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #27: AF711
SCHEDULE W1153 - **ADDED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #28: AG111
PLAN D1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #29: AG214
PLAN B1 - MODIFIED - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #30: AG215
PLAN B1 - **MODIFIED** - OWNER REQUEST TO REMOVE OVERFLOW SEATING FROM CONCESSIONS AREA.

Item #31: AG514
DETAIL D5 - **MODIFIED** - TO INCLUDE HAT CHANNEL FURRING.

C. Questions:

Questions 1 – 11 Responded to in Addendum 1

Item #12: Specifications 23 00 10, 27 05 00, 27 11 00, and 28 05 00 request that submittals and/or shop drawings be submitted in AutoCAD or REVIT. Will the Design Team provide digital copies of the contract drawings in AutoCAD or REVIT for use by the contractor and subcontractors to develop their submittals and/or shop drawings for this project?
A: Upon award to selected Contractor the A/E will provide a release form for the contractor to fill and return. DWG format documents will be issued at that time. It is left to the contractor to utilize whatever software they choose to develop the submittals however only DWG format files will be required.

668 North Orlando Avenue, Suite 107, Maitland, FL 32751
Phone 407 897 6764, Fax 407 894 1338,
mamartin@mlm-martin.com www.mlm-martin.com License No. AA C002208

Item #13: On the Lighting Fixture Schedule sheet E604, it indicates that the "A1" Fixture is an 8 Foot Fixture and the "A2" Fixture is a 4 Foot Fixture. Looking at the Lighting Plans – Sheets E311 thru E316, these designations appear to be reversed. Please advise.

A: E604 Shall be revised to indicate A1 Fixtures as 4FT (N2LEDG29LK48) and A2 Fixtures as 8FT (N2LEDG43LK96). Plans E311-E316 unchanged.

Item #14: Sheet A216 Enlarge Floor Plan B1 shows Door W1251B in Alternate 6. Sheet A711 Door Schedule – Door W1251B and Alternate 5 are not shown on the Door Schedule. Please clarify.

A: Door Schedule A711 was revised in Addendum 001 indicating W1251B as Alternate 5.

Item #15: Sheet A711 Door Schedule – From discussion in the Pre bid – Doors W1251A and W1231B should be bid as a part of the Base Bid not Alternate #3.

A: Door Schedule A711 was revised in Addendum 001; also provided was clarification on Illustration of Alternates on G212 (also reissued addendum 001).

Item #16: Section 274216 - Paragraph 2.2.B. MUFIDS Displays planned for the Project Spaces shall include the following display types and contents: Confirm Types in project. Also " Project. On the FIDS Displays, the Architect/Planner notes Daktronics AF Model Series and GS Model Series, which gives me NO clue as to what they want as part of this project. Please provide information on what is desired.

A: See edited Section 274216 clarified to reflect information specific to this concourse with no landside services.

Item #17: Please see below OCSC -3 top of the page. Is the intent to have $15,000,000.00 Auto coverage? And only 5,000,000.00 GL coverage?

A: Automotive Coverage Corrected to $1,000,000.00 Ref Revised OCSC section.

Item #18: As per section 01-21-00; Page 212, Part 2 PRODUCTS; 2.1 HODROOM SEATING Budget is $125,000 for both Base Bid and Alternates 1, 2, &3? Can the owner and architect reconfirm the budget amount for the bid proposal?

A: The Seating shall be prorated across Base Bid, Alternates 1,2&3; 40%, 20%, 20%, 20% Respectfully. See Revised Bid Schedule/Form replacement Sheet BF-7 Attached.

Item #19: Can the owner and architect confirm the number of seats included for the bid proposal not to exceed amount of $125,000?

A: The Seating shall be prorated across Base Bid, Alternates 1,2&3; 40%, 20%, 20%, 20% Respectfully. See Revised Bid Schedule/Form replacement Sheet BF-7 Attached. See also New Sheet G221.

Item #20: From our calculations of the seating plan, the whole project would total to 572 holdroom seats, including all 3 alternate options, so can this be clarified?

A: See New Sheet G221.

Item #21: Does this bid price also include sales tax? If yes, please confirm the sales tax percentage.

A: Yes, contractor is required to pay sales Tax. Percentage is dependent on source of purchase confirm with supplier. Current County Tax rate is 7%.

668 North Orlando Avenue, Suite 107, Maitland, FL 32751
Phone 407 897 6764, Fax 407 894 1338,
mamartin@mlm-martin.com www.mlm-martin.com License No. AA C002208

Item #22: What is the holdroom seating basis of design requirements?

A: Intent is to match Concourse B Furnishings as close as possible while meeting allowance cost. Airport Seating Alliance - cushions covered in vinyl the Ambla in the pattern Wild Heather and the color Skye. Photos are offered as Example:

Item #23: Please advise if 2" aluminum round (.125" thick) supporting rods can be used instead of steel tension rods? Steel will eventually rust over time. Please see the attached generic detail showing the hanger rod style. If steel

668 North Orlando Avenue, Suite 107, Maitland, FL 32751
Phone 407 897 6764, Fax 407 894 1338,
mamartin@mlm-martin.com www.mlm-martin.com License No. AA C002208

is to be used, we could use steel rod and clevis. It is less expensive to use aluminum.

A: Intent is for support material to receive coatings as indicated on drawings (PF). It is preferred to reduce the overall thickness of these members. It is also indicated that the contractor is to provide one of the following (to include cover page and installation details): fabrication drawings/ calculations signed & sealed by a Florida registered engineer of record, Florida product approval, Miami Dade NOA, or (ICC-ER) NER. Material and Connections facilitating the Design Loads, Design Intent, and specification §105020 would be considered acceptable.

Item #24: Paragraph 2.3 on 234100-4 specifies Bipolar ionization

a. Please provide capacity for each unit see paragraph B-1
b. Please advise where these are to be located in the duct C-2
c. Please confirm that the electrical will provide power E-4
d. Please provide a schedule on the plans

A: Bipolar ionization is not required for this project. Paragraph 2.3 Deleted.

Item #25: Under CONTRACTORS INSURANCE – BUSINESS AUTOMOBILE LIABILITY – Top of page 24 / 1784 within the RFP pdf denotes "Coverage must be afforded for all Owned, Hired, Scheduled, and Non-Owned vehicles for Bodily Injury and Property Damage in an amount not less than $15,000,000 combined single limit each accident." Please confirm this amount of coverage is correct, or if it should be $1,000,000 as stated under the "LIMITS OF LIABILITY".

A: See Item #17 above. Automotive Coverage Corrected to $1,000,000.00 Ref Revised OCSC section.

Item #26: Page 75 / 1784 of RFP PDF under DBE CERTIFICATE OF COMPLIANCE FORM – it states, "This is to certify that I have reviewed the plan, bid evaluation procedure, and DBE directory and will make all reasonable efforts to include DBE Contractors as outlined In pages OC-8 through OC-11." Please provide OC-8 through OC-11 for competitors to be able to certify. Also BF-38 INSURANCE COMPLIANCE refers to insurance requirements found on pages BOC-2 and BOC-6. We cannot find these pages. Could you direct us to the appropriate pages?

A: See Amended BF-38 INSURANCE COMPLIANCE with corrected references OCSC-1 to OCSC-6. See also Amended BF-48 DBE CERTIFICATE OF COMPLIANCE with corrected References BF-44 to BF-47

Item #27: Please provide instruction on completing BF-42 RECYCLED CONTENT FORM to accompany our BID FORM.

A: BF-42 does not apply to the bid however should be utilized to demonstrate Recycled Content of materials as an information submittal as specified within specific "SUBMITTAL" requirements of specification sections (Post Award Submittal Process).

Item #28: BF-44 DISADVANTAGED BUSINESS ENTERPRICE PROGRAM, paragraph 7. DBE PARTICIPATION GOAL states there is no specific DBE goal established for this project. However, Addendum No. 1 issued 23 February 2021 includes the Pre-Bid Meeting Minutes, Item VI. QUESTIONS, #9. which states the project specific goal of 6.67% will be applied. Addendum No. 1 did not revise BF-44. Please reissue if this 6.67% goal is to be included in the contract.

A: Amended BF-44 attached.

Item #29: If the DBE goal stated above is incorporated into the contract, does it apply only to subcontracted dollars or does it apply to the total contract value?

668 North Orlando Avenue, Suite 107, Maitland, FL 32751
Phone 407 897 6764, Fax 407 894 1338,
mamartin@mlm-martin.com www.mlm-martin.com License No. AA C002208

A: applies to total contract value; could be DBE subs or suppliers to the GC.

Item #30: If the DBE goal stated above is incorporated into the contract and the contractor is not able to identify an appropriate Dollar Value of Subcontract Work to meet this goal with our bid, will our bid be rejected as non-responsive?

A: No. Need to provide all possible known information and intents. If the goal cannot be met then the good faith effort and documentation showing intent to meet the goal must be shown or supplied if asked during the bid evaluation period.

Item #31: Please confirm that we are not required to be prequalified with the Florida Department of Transportation since the scope of work for this project does not include performing work related to roads or airfield pavements, bridge or other related transportation construction contracts greater than $250,000.00 in accordance with the opening paragraph of BF-15 CONTRACTOR QUALFICATIONS and REQUIREMENTS.

A: Assumption is correct. Not required to be pre-qualified with the FDOT for paving work due to the nature of this project being vertical facility in nature.

Item #32: Please confirm that we are required to provide a financial statement for our company only if we are one of the three (3) lowest contractors in accordance with paragraph 10. of BF-17.

A: Correct, not required as part of the bid submission. This information may be asked for during the bid evaluation period if necessary.

Item #33: Please provide the name of the contractor who prepared the building pad.

A: Anderson Columbia, Inc.

Item #34: In Addendum No. 1, Item #10, the response to the question states, "If additional fill is required, the County has fill material available meeting project requirements. Contractor will be responsible for up to 30 mile hauling." Please confirm that this is a non-quantifiable condition at the time of the bid and this additional fill, IF REQUIRED, will be negotiated with the County as a changed condition. If the County requires this to be included in the cost of this project, please provide a quantity of fill to be included and an unit price line on the Bid Form.

A: Correct, non-quantifiable at time of bid and not believed to be necessary.

Item #35: Will badging by the County or by VPS be required for our construction workers? If so, what is the cost and will background checks be required? We acknowledge and comply fully with E-verify requirements.

A: With the entire construction site being outside the security identification display area (SIDA) portions of the Airport, badging through the Airport to meet security requirements is not necessary. The general contractor will be responsible for maintaining security through a gate guard or keeping the gate locked when not in use for the haul route road entrance at Hwy 85, as well as ensuring workers and subcontractors only work within the project limits (do not deviate from the haul route road or project site without Airports approval).

Item #36: Is the contractor required to pay use charges for water and electricity for temporary usage at the site?

A: No.

Item #37: Is the contractor required to provide any specific type of Foreign Object Debris (FOD) fencing between the job site and the airfield? If so, please provide specific details/elevations. Specification Section 01 11 00-2, paragraph 1.3.A.6. states to erect and maintain secured fencing in compliance with FAA, TSA and VPS requirements, but does not provide details.

A: Fencing shall be as indicated in civil drawings and details (C300-C301). FOD is of concern to the owner: see additional notes provided sheet G201.

668 North Orlando Avenue, Suite 107, Maitland, FL 32751
Phone 407 897 6764, Fax 407 894 1338,
mamartin@mlm-martin.com www.mlm-martin.com License No. AA C002208

Item #38: Specification Section 01 45 00-1, paragraph 1.3.A.1. states where the Owner has engaged a testing agency…the Contractor shall not employ the entity engaged by the Owner. Please provide the testing agency name engaged by the Owner so we may avoid using the same agency.

A: The Owner has not engaged any testing agencies at this time. The Contractor may employ any entity for quality control testing or submittals as desired. If the Owner requires quality assurance testing for comparison on any items then an independent third party company will be hired by the Owner.

Item #39: Submitted for Arconas: Seating count revision total seats are 572, not 1012. Allowance is still too low at $125,000 to outfit Base Bid and Alt 1, 2, and 3.

A: The Seating shall be prorated across Base Bid, Alternates 1,2&3; 40%, 20%, 20%, 20% Respectfully. See Revised Bid Schedule/Form replacement Sheet BF-7 Attached. See also New Sheet G221. Evaluation of Seat quantities vs allowances maybe considered post award based on the specific seat style, manufacturer, and specific number and configuration of seats to order for final placement.

Item #40: Electrical - Add Alternate Notes #2 Include Materials and Labor cost for Panel PP-2(located in Add Alternate #2) in Add Alternate #1 price. If Add Alternate #1 is selected, but Add Alternate #2 is not, all circuiting for devices within Add Alternate #1 shall be circuited to spare circuit breakers in panels in Electric Room W1278. Does this need to include the feed to Panel PP-2? Does this need to include Switchboard SB-2 which feeds Panel PP-2? Where would Panel PP-2 be located if Add Alternate #2 is not taken but Add Alternate #1 is?

A: Electrical Room W1267 is associated with the award of Alternate 2 inclusive of Distribution / Panel Boards SB-2, RP-2, TP-2, PP-2 and LP-2. Intent of note is to ensure contractor carries the cost of circuits within Alternate #1 scope area to be fed from Electrical RoomW1278 on “spare” circuits of the corresponding Panels located in that room ie SB-1, RP-1, TP-1, PP-1 and LP-1 NOT the relocation of panels.

Item #41: The matrix states allowance for 2000' of 96 OM4 fiber and 1000' of 24 OM4 fiber, but the single line does not show a 96 OM4 fiber, It shows 2 -48 OM4 fibers and 1- 24 OM4 fiber. Which is correct? Or do we need to include pricing for all fibers?

A: The Single line diagram is correct. Matrix should read 2000’ of 48 OM4 and 1000’ of 24 OM4 Fiber.

Item #42: ASI Signage, Inc. would like to submit a Substitution Request for the sign systems portion of the project. Please see the attached information the company has provided.

A: Substitution is not required so long as ASI Signage, Inc. can fabricate and provide the signage shown AF series drawings without alteration of the Design Intent.

Item #43: On the Electrical Drawing Sheet E801 Detail (1), it indicates a concrete encase Duct Bank, but it doesn’t reference where this Duct Bank is to be used. Please advise.

A: There is currently no duct bank anticipated in the project. Detail is place holder for any extension or repair that may become a requirement during construction. Acknowledged Not quantifiable at time of bid.

D. Other Items:

668 North Orlando Avenue, Suite 107, Maitland, FL 32751
Phone 407 897 6764, Fax 407 894 1338,
mamartin@mlm-martin.com www.mlm-martin.com License No. AA C002208

Item #1: BF-7 BID SCHEDULE
Item #2: BF-38 Insurance Compliance
Item #3: BF-44 Updated DBE Info
Item #4: BF-48 DBE CERTIFICATE OF COMPLIANCE
Item #5: 105020 – OverheadSupportDetail
Item #6: ASI Sign Services

End of Addendum No 2

668 North Orlando Avenue, Suite 107, Maitland, FL 32751
Phone 407 897 6764, Fax 407 894 1338,
mamartin@mlm-martin.com www.mlm-martin.com License No. AA C002208

OKALOOSA COUNTY STANDARD CLAUSES

INDEMNIFICATION AND HOLD HARMLESS

CONTRACTOR shall indemnify and hold harmless **COUNTY**, its officers and employees from liabilities, damages, losses, and costs including but not limited to reasonable attorney fees, to the extent caused by the negligence, recklessness, or intentional wrongful conduct of the **CONTRACTOR** and other persons employed or utilized by the **CONTRACTOR** in the performance of this Agreement.

NOTE: For Contractor's convenience, this certification form is enclosed and is made a part of the bid package.

TRENCH SAFETY ACT

Each contractor must submit with his bid an executed sworn certification that he will comply with the Trench Safety Act, Chapter 90-96, Florida Statues, on trench safety.

NOTE: For Contractor's convenience, a certification form is enclosed and is made a part of the bid package.

PUBLIC ENTITY CRIME INFORMATION

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.107, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

BONDING REQUIREMENTS

A Bid Bond is required with the Contactor's submittal for 5% of the Bid price, in the form of a cashier's check, certified check or bond. A performance and payment bond will be required in the amount of 100% of the estimated contract value. The performance bond and payment bond can be a total of 100% combined.

GENERAL SERVICES INSURANCE REQUIREMENTS

REVISED: 08/01/2018

CONTRACTORS INSURANCE

1. The Contractor shall not commence any work in connection with this Agreement until he has obtained all required insurance and such insurance has been approved by the Okaloosa County Risk Manager or designee.

2. All insurance policies shall be with insurers authorized to do business in the State of Florida.

3. All insurance shall include the interest of all entities named and their respective officials, employees & volunteers of each and all other interests as may be reasonably required by Okaloosa County. The coverage afforded the Additional Insured under this policy shall be primary insurance. If the Additional Insured have other insurance that is applicable to the loss, such other insurance shall be on an excess or contingent basis. The amount of the company's liability under this policy shall not be reduced by the existence of such other insurance.

4. The County shall be shown as an Additional Insured with a Waiver of Subrogation on the Certificate of Insurance.

5. The County shall retain the right to reject all insurance policies that do not meet the requirement of this Agreement. Further, the County reserves the right to change these insurance requirements with 60-day notice to the Contractor.

6. The County reserves the right at any time to require the Contractor to provide copies (redacted if necessary) of any insurance policies to document the insurance coverage specified in this Agreement.

7. The designation of Contractor shall include any associated or subsidiary company which is involved and is a part of the contract and such, if any associated or subsidiary company involved in the project must be named in the Workers' Compensation coverage.

8. Any exclusions or provisions in the insurance maintained by the Contractor that excludes coverage for work contemplated in this agreement shall be deemed unacceptable and shall be considered breach of contract.

WORKERS' COMPENSATION INSURANCE

1. The Contractor shall secure and maintain during the life of this Agreement Workers' Compensation insurance for all of his employees employed for the project or any site connected with the work, including supervision, administration or management, of this project and in case any work is sublet, with the approval of the County, the Contractor shall require the Subcontractor similarly to provide Workers' Compensation insurance for all employees employed at the site of the project, and such evidence of insurance shall be furnished to the County not less than ten (10) days prior to the commencement of any and all sub-contractual Agreements which have been approved by the County.

2. Contractor must be in compliance with all applicable State and Federal workers' compensation laws, including the U.S. Longshore Harbor Workers' Act or Jones Act, if applicable.

3. No class of employee, including the Contractor himself, shall be excluded from the Workers' Compensation insurance coverage. The Workers' Compensation insurance shall also include Employer's Liability coverage.

BUSINESS AUTOMOBILE LIABILITY

Coverage must be afforded for all Owned, Hired, Scheduled, and Non-Owned vehicles for Bodily

Injury and Property Damage in an amount not less than $~~15,000,000~~1,000,000 combined single limit each accident. If the contractor does not own vehicles, the contractor shall maintain coverage for Hired & Non-Owned Auto Liability, which may be satisfied by way of endorsement to the Commercial General Liability policy or separate Business Auto Policy. Contractor must maintain this insurance coverage throughout the life of this Agreement.

COMMERCIAL GENERAL LIABILITY INSURANCE

1. The Contractor shall carry other Commercial General Liability insurance against all other Bodily Injury, Property Damage and Personal and Advertising Injury exposures.

2. All liability insurance (other than Professional Liability) shall be written on an occurrence basis and shall not be written on a claims-made basis. If the insurance is issued with an aggregate limit of liability, the aggregate limit of liability shall apply only to the locations included in this Agreement. If, as the result of any claims or other reasons, the available limits of insurance reduce to less than those stated in the Limits of Liability, the Contractor shall notify the County representative in writing. The Contractor shall purchase additional liability insurance to maintain the requirements established in this Agreement. Umbrella or Excess Liability insurance can be purchased to meet the Limits of Liability specified in this Agreement.

3. Commercial General Liability coverage shall include the following:

1.) Premises & Operations Liability
2.) Bodily Injury and Property Damage Liability
3.) Independent Contractors Liability
4.) Contractual Liability
5.) Products and Completed Operations Liability

4. Contractor shall agree to keep in continuous force Commercial General Liability coverage for the length of the contract.

LIMITS OF LIABILITY

The insurance required shall be written for not less than the following, or greater if required by law and shall include Employer's liability with limits as prescribed in this contract:

	LIMIT
1. Worker's Compensation	
1.) State	Statutory
2.) Employer's Liability	$500,000 each accident
2. Business Automobile (A combined single limit)	$1,000,000.00 each accident
3. Commercial General Liability for Bodily Injury & Property Damage Products and completed operations	$5,000,000.00 each occurrence $5,000,000.00 each occurrence
4. Personal and Advertising Injury	$1,000,000.00 each occurrence

NOTICE OF CLAIMS OR LITIGATION

The Contractor agrees to report any incident or claim that results from performance of this Agreement. The County representative shall receive written notice in the form of a detailed written report describing the incident or claim within ten (10) days of the Contractor's knowledge. In the event such incident or claim involves injury and/or property damage to a third party, verbal notification shall be given the same day the Contractor becomes aware of the incident or claim followed by a written detailed report within ten (10) days of verbal notification.

INDEMNIFICATION & HOLD HARMLESS

Contractor shall indemnify and hold harmless the County, its officers and employees from liabilities, damages, losses, and costs including but not limited to reasonable attorney fees, to the extent caused by the negligence, recklessness, or wrongful conduct of the Contractor and other persons employed or utilized by the Contractor in the performance of this contract.

Note: For Contractor's convenience, this certification form is enclosed and is made a part of the bid package.

CERTIFICATE OF INSURANCE

1. Certificates of insurance indicating the job site and evidencing all required coverage must be submitted not less than 10 days prior to the commencement of any of the work. The certificate holder(s) shall be as follows: Okaloosa County, 5479A Old Bethel Road, Crestview, Florida, 32536.

2. The contractor shall provide a Certificate of Insurance to the County with a thirty (30) day notice of cancellation; ten (10) days' notice if cancellation is for nonpayment of premium.

3. In the event that the insurer is unable to accommodate the cancellation notice requirement, it shall be the responsibility of the contractor to provide the proper notice. Such notification shall be in writing by registered mail, return receipt requested, and addressed to the Okaloosa County Purchasing Department at 5479-A Old Bethel Road, Crestview, FL 32536.

4. In the event the contract term goes beyond the expiration date of the insurance policy, the contractor shall provide the County with an updated Certificate of insurance no later than ten (10) days prior to the expiration of the insurance currently in effect. The County reserves the right to suspend the contract until this requirement is met.

5. The certificate shall indicate if coverage is provided under a claims-made or occurrence form. If any coverage is provided on a claims-made form, the certificate will show a retroactive date, which should be the same date of the initial contract or prior.

6. All certificates shall be subject to Okaloosa County's approval of adequacy of protection and the satisfactory character of the Insurer.

7. All deductibles or SIRs, whether approved by Okaloosa County or not, shall be the Contractor's full responsibility. In particular, the Contractor shall afford full coverage as specified herein to entities listed as Additional Insured.

8. In no way will the entities listed as Additional Insured be responsible for, pay for, be

damaged by, or limited to coverage required by this schedule due to the existence of a deductible or SIR.

GENERAL TERMS

Any type of insurance or increase of limits of liability not described above which, the Contractor required for its own protection or on account of statute shall be its own responsibility and at its own expense.

Any exclusions or provisions in the insurance maintained by the contractor that excludes coverage for work contemplated in this contract shall be deemed unacceptable and shall be considered breach of contract.

The carrying of the insurance described shall in no way be interpreted as relieving the Contractor of any responsibility under this contract.

Should the Contractor engage a subcontractor or sub-subcontractor, the same conditions will apply under this Agreement to each subcontractor and sub-subcontractor.

The Contractor hereby waives all rights of subrogation against Okaloosa County and its consultants and other indemnities of the Contractor under all the foregoing policies of insurance.

UMBRELLA INSURANCE

The Contractor shall have the right to meet the liability insurance requirements with the purchase of an umbrella insurance policy. In all instances, the combination of primary and umbrella liability coverage must equal or exceed the minimum liability insurance limits stated in this Agreement.

DELIVERY OF BIDS

Bid Opening shall be public, on the date and time specified on the NOTICE TO CONTRACTORS. It is the contractor's responsibility to assure that his bid is delivered at the proper time and place. Offers by telegram, facsimile, or telephone are NOT acceptable. NOTE: Crestview, Florida is not a next-day-guaranteed delivery location by delivery services.

Liquidated Damages:

In case of failure on the part of the Contractor to complete the work within the time(s) specified in the contract, or within such additional time(s) as may be granted by Okaloosa County, the County will suffer damage, the amount of which is difficult, if not impossible, to ascertain. Therefore, the Contractor shall pay to the County, as liquidated damages, the amount established in the schedule below for each calendar day of delay that actual completion extends beyond the time limit specified until such reasonable time as may be required for final completion of the work. In no way shall costs for liquidated damages be construed as penalty on the contractor.

Daily Charge

Original Contract Amount	**Per Calendar Day**

$50,000 and under	**$ 311**
Over $50,000 but less than $250,000	**$ 972**
$250,000 but less than $500,000	**$1584**
$500,000 but less than $2,500,000	**$1924**
$2,500,000 but less than $5,000,000	**$2694**
$5,000,000 but less than $10,000,000	**$3902**
$10,000,000 but less than $15,000,000	**$6102**
$15,000,000 but less than $20,000,000	**$7022**
$20,000,000 and over	**$7022**

Determination of Number of Days of Default: For all contracts, regardless of whether the contract time is stipulated in calendar days or working days, the default days shall be counted in calendar days. Construction Time is stipulated in Section 5 of the BID FORMS.

Conditions under which Liquidated Damages are Imposed: Should the Contractor or, in case of his default, the Surety, fail to complete the work within the time stipulated in the contract, or within such extra time as may have been granted by the County, the Contractor or, in case of his default, the Surety, shall pay to the County, not as a penalty, but as liquidated damages, the amount so due as determined by the Daily Charge requirements, as provided above.

Right of Collection: The County shall have the right to apply as payment on such liquidated damages any money which is due to the Contractor by the County.

Permitting Contractor to Finish Work: Permitting the Contractor to continue and to finish the work, or any part of it, after the expiration of the contract time allowed, including extensions of time granted to the Contractor, shall in no way act as a waiver on the part of the County the liquidated damages due under the contract.

Completion of Work by County: In case of default of the contract and the completion of the work by the County, the Contractor and his Surety shall be liable for the liquidated damages under the contract, but no liquidated damages shall be chargeable for any delay in the final completion of the work by the County due to any unreasonable action or delay on the part of the County.

END OF OKALOOSA COUNTY STANDARD CLAUSES

SECTION 23 41 00 - PARTICULATE AIR FILTRATION

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. Disposable panel filters.
2. Filter gages.
3. Bipolar Ionization

1.3 REFERENCES

A. Air-Conditioning and Refrigeration Institute:

1. ARI 850 - Commercial and Industrial Air Filter Equipment.

B. American Society of Heating, Refrigerating and Air-Conditioning Engineers:

1. ASHRAE 52.1 - Gravimetric and Dust-Spot Procedures for Testing Air-Cleaning Devices Used in General Ventilation for Removing Particulate Matter.

C. Military Standardization Documents:

1. MIL MIL-STD-282 - Filter Units, Protective Clothing, Gas-Mask Components, and Related Products: Performance-Test Methods.

D. Underwriters Laboratories Inc.:

1. UL 586 - High-Efficiency. Particulate, Air Filter Units.
2. UL 867 - Electrostatic Air Cleaners.
3. UL 900 - Air Filter Units.

1.4 SUBMITTALS

A. Product Data: For each type of product indicated. Include dimensions; operating characteristics; required clearances and access; rated flow capacity, including initial and final pressure drop at rated airflow; efficiency and test method; fire classification; furnished specialties; and accessories for each model indicated.

B. Shop Drawings: For air filters. Include plans, elevations, sections, details, and attachments to other work.

1. Show filter rack assembly, dimensions, materials, and methods of assembly of components.
2. Include setting drawings, templates, and requirements for installing anchor bolts and anchorages.
3. Wiring Diagrams: For power, signal, and control wiring.

C. Operation and Maintenance Data: For each type of filter and rack to include in emergency, operation, and maintenance manuals.

1.5 QUALITY ASSURANCE

A. 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.

B. ASHRAE Compliance:

1. Comply with applicable requirements in ASHRAE 62.1, Section 4 - "Outdoor Air Quality"; Section 5 - "Systems and Equipment"; and Section 7 - "Construction and Startup."
2. Comply with ASHRAE 52.1 for arrestance and ASHRAE 52.2 for MERV for methods of testing and rating air-filter units.

C. Comply with NFPA 90A and NFPA 90B.

1.6 COORDINATION

A. Coordinate sizes and locations of concrete bases. Cast anchor-bolt inserts into bases.

1.7 REPLACEMENT OF MATERIAL DURING CONSTRUCTION

A. Furnish extra materials that will replace filtration during and at the completion of construction.

1. During the construction phase, filters must be replaced when the pressure drop exceeds 1/2” of water column.

2. All filters will be replaced on the day of final completion. Two (2) additional sets of filters must be provided.

1.8 EXTRA MATERIALS

A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Provide two complete sets of pre-filters for each filter bank.

PART 2 - GENERAL

2.1 DISPOSABLE PANEL FILTERS

A. Description: Factory-fabricated, dry, extended-surface filters with stainless steel holding frames.

B. Manufacturers:

1. Tridem.
2. Camfil-Farr.
3. American Air Filter.

C. Media: Synthetic glass fibrous material and other media pleated, UL Class II, 25-30 percent efficiency (MERV 8) formed into deep-V-shaped pleats and held by self-supporting wire grid.

1. Nominal Size: 24 x 24 inches.
2. Thickness: 1 or 2 inch.

D. Media and Media-Grid Frame: Nonflammable glass fiber, synthetics and other media to ensure adequacy for jet fuel.

E. Performance Rating:

1. Face Velocity: 500 fpm
2. Initial Resistance: 0.15 inch wg
3. Recommended Final Resistance: 0.50 inches wg.

F. Duct-Mounting Frames: Stainless steel with gaskets and fasteners, and suitable for bolting together into built-up filter banks.

1. Manufacturer:

a. Pyramid Filters,

b. Perkins Thermal Systems.
c. Guru Filtration System.

2.2 FILTER GAGES

A. Manufacturers:

1. Dwyer.
2. Trerice.
3. Weiss.

B. Direct Reading Dial: 3-1/2 inch diameter diaphragm actuated dial in metal case. Furnish vent valves, black figures on white background, front calibration adjustment, range 0-3.0 inch wg 2 percent of full scale accuracy.

C. Accessories: Static pressure tips with integral compression fittings, 1/4 inch plastic tubing, 2-way or 3-way vent valves.

~~2.3 BIPOLAR IONIZATION~~

~~A. Manufacturers~~

~~1. Aerisa.~~
~~2. BioClimatic~~
~~3. Global Plasma Solutions~~
~~4. Plasma Air International.~~

~~B. Performance Criteria~~

~~1. The bipolar ionization system shall be capable of controlling gas phase contaminants generated from human occupants as well as products of combustion of jet fuel.~~
~~2. Capable of reducing static space charges.~~
~~3. Capable of reducing common VOC's encountered in schools, office buildings and commercial facilties.~~
~~4. Equipment shall be capable of performing in non condensing atmospheres at temperatures up to 140 degrees F.~~
~~5. Provide 5 year warranty.~~

~~C. Equipment Requirements~~

~~1. The bipolar ionization units shall include all power supplies, ion generating tubes, gaskets, indicators, switches, fuses, and accessories necessary for safe an deficient operation.~~

2. All duct mounted applications shall include a mounting frame permanently attached to the duct. Ionization units shall be attached to the mounting frame.
3. Ionization Tubes shall be UL or ETL listed and bear the UL or ETL mark.
4. The manufacturer shall provide ionization tubes of appropriate size and quantity for each air handling system to meet the requirements for the system.
5. All exposed metallic parts of ionization tubes shall be stainless steel.
6. Ionization units shall be suitable for duct mounting or air handling unit plenum mounting.
7. Ionization units shall be plenum rated per UL 2043.
8. Ionization unit output shall be user adjustable from approximately 50-100%. There shall be a minimum of five levels of adjustment.
9. An integral differential pressure switch shall be provided on duct mounted one- and two-tube units. Additional controls such as field mounted pressure switches or control relays shall be included as part of the ionization equipment scope.

D. Installation Requirements

1. Ionization units shall be installed per manufacturer's installation instructions.

E. Electrical Requirements:

1. The electrical power wiring to the ionization units shall be detached without the use of tools to facilitate servicing of the equipment.
2. Ionization units shall be available for 120 and 240 volt applications.
3. The maximum power required for multi tube ionization units shall be 50 watts.
4. The electrical contractor shall provide shall a junction box with single outlet within 4 feet of the ionization equipment.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install filters with felt, rubber, or neoprene gaskets to prevent passage of unfiltered air around filters.

B. Install filter-gage, static-pressure taps upstream and downstream from filters. Install filter gages on filter banks with separate static-pressure taps upstream and downstream from filters. Mount filter gages on outside of filter housing or filter plenum in an accessible position. Adjust and level inclined gages.

C. Do not operate fan system until temporary filters are in place. Replace temporary filters used during construction and testing, with clean set.

D. Install filter gages on filter banks with separate static pressure tips upstream and downstream of filters.

E. Install filters in accordance with manufacturer’s recommendations.

F. Position each filter unit with clearance for normal service and maintenance. Anchor filter holding frames to substrate.

G. Install filters in position to prevent passage of unfiltered air.

H. Coordinate filter installations with duct and air-handling-unit installations.

I. Provide maintenance training to University of Central Florida, as required.

3.2 FIELD QUALITY CONTROL

A. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect, test, and adjust components, assemblies, and equipment installations, including connections.

B. 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.

C. Air filter will be considered defective if it does not pass tests and inspections.

D. Prepare test and inspection reports.

3.3 CLEANING

A. After completing system installation and testing, adjusting, and balancing of air-handling and air-distribution systems, clean filter housings and install new filter media.

3.4 COMMISSIONING

A. Refer to Commissioning Specifications for related commissioning requirements.

B. Contractor shall provide all necessary support to the commissioning team to implement commissioning plan.

END OF SECTION 23 41 00

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions, of the Standard Contract Requirements for the Okaloosa County, Florida; General, Supplementary and Special Provisions to the Standard Contract, as well as Division 01 and all related Specification Sections, shall all apply to this Section.

B. Related Specification Sections:

1. Division 26 – Common Work Results for Electrical
2. Division 26 – Low Voltage Electrical Power Conductors and Cables
3. Division 26 – Grounding and Bonding for Electrical Systems
4. Division 26 – Hangers and Supports for Electrical Systems
5. Division 26 – Raceways and Boxes for Electrical Systems
6. Division 26 – Identification for Electrical Systems
7. Division 27 – Common Work Results for Communications Systems
8. Division 27 – Network Communications Systems

C. Reference Symbols

1. Because of the scale of the drawings, Public Address (PA) System integration, and connectivity objects are shown on drawings as close as possible to their mounting locations. Contractor shall coordinate the exact location of all systems, system integration, and network connectivity, with all related drawings, specification sections and affected manufacturers, prior to submittal of any shop drawings.

D. Abbreviations:

1. Refer to Specification Section 270500 and 271100 for additional information.

E. Definitions:

1. Refer to Specification Section 270500 for additional information.

1.2 SUMMARY

A. The intent of this specification is to establish a standard of quality, configuration, and operational requirements for the upgrades and modifications to the existing Public Address (PA) System. It shall be responsibility of the successful Contractor for the furnishing of all necessary system designs, installation, programming, licenses, commissioning, testing, and certifications in accordance with the requirements of the Contract documents.

B. All new equipment shall be as manufactured by Peavey MediaMatrix, and shall be part of the Peavey MediaMatrix family of products, no approved equal.

1. The overall scope of this project is the integration of the new Satellite Concourse 'C' Public Address system with the existing Peavey MediaMatrix Public Address system as indicated on the Contract Drawings.

    a. All amplifier frames, ambient noise sensor collectors, digital paging microphones and other related PA devices shall be connected back to the communications room as indicated on the contract drawings. New network switches shall connect to the existing network back to the existing PA system as indicated on the contract drawings.
    b. All new functional controls and operational features shall be replicated in the existing PA system.

C. In addition, the scope of work shall include but is not limited to all system components, active electronics, conduits, cabling, servers, software, software licenses, and all appurtenances as necessary to deliver a properly installed, fully operational Public Address (PA) system in accordance with all requirements of the Contract Documents.

D. The functional integration of the various systems shall include the capability to provide remote annunciation and control functions as herein described. Refer to the Contract drawings for additional information regarding system types and locations.

E. It shall be this Contractor's responsibility to sub-contract with the current PA System provider/integrator to provide all necessary coordination, equipment, and programming modifications to properly facilitate the full and seamless integration of the new Satellite Concourse 'C' PA system with the existing Peavey MediaMatrix PA system. Contact ~~Michael Dimartinis~~Joe Fulton of ~~Elite Audio LLC~~Modern Sound & Communication Inc. at ~~(856) 227-6800~~251-380-0980.

    1) The Contractor shall fully review and test to the satisfaction of DOA engineering and Owner's Representative that the new programming associated with the functionality of the existing TACS system has been properly replicated and is fully operational prior to downloading any programming to the new TACS equipment.

F. It shall be the Contractor's responsibility to become familiar with all existing conditions, system configurations, and program functions of the existing PA system prior to the commencement of any work. Refer to the Contract drawings for additional information.

G. The installation, performance, features, functions, software, and programming criteria, as specified herein, as well as all related specification sections, has been designed to offer the maximum system efficiency, ease of operation, occupant safety and the protection of equipment, as recommended by the Owner's Representative.

1. Any deviations from the specified criteria shall be documented, reviewed, and agreed to in writing by the Owner's Representative, prior to submission of bids. Refer to Division 01, and all related specification sections for product substitutions.

2. It is the responsibility of the contractor to ensure that the installed system meets or exceeds every standard set forth in these specifications. The contractor shall furnish all necessary system components and appurtenances, including, but not limited to, all necessary programming, licenses, testing, commissioning and certifications, as required, to provide a complete and fully operational PA system, whether specifically included in this section, or not.

    a. In addition, the Contractor shall provide all necessary modifications to the existing PA communications network, for the proper integration of all existing equipment to remain.
    b. The PA system and all related system integrations shall be furnished to the Owner as a complete, seamlessly operating, and fully functional system in full compliance with all contract document requirements.

3. The systems shall be complete, with all equipment as indicated on the contract drawings and/or described herein. The contractor shall turn over to the Owner a complete and fully operational communications network infrastructure, as required, to properly integrate, in a seamless manner, the new Satellite Concourse ‘C’ PA system.

    a. The system communications network shall, at the minimum, support the following network communications standards and protocols;

        1) 100Base-TX/FX, Fast Ethernet (IEEE802.3u).
        2) 1000Base-T, Gigabit Ethernet over twisted-pair copper (IEEE802.3ab)
        3) 1000Base-X, Gigabit Ethernet over fiber optic (IEEE802.3z).
        4) 10 BASE-F, 10 Mbit/s Ethernet over fiber optic (IEEE802.3j)
        5) Related Protocols:

            a) TCP/IP (IETF STD 1)
            b) CobraNet
            c) DANTE

4. Communications Network Infrastructure Requirements:

    a. Refer to specification sections 270500 and 271100

1.3 REFERENCE STANDARDS

A. Refer to Specification Section 270500 for additional information.

1.4 SUBMITTALS

A. In addition to all “Submittal” requirements specified in Division 01, Specification Section 270500 and all requirements by related specification sections, the Contractor shall also conform to all requirements of this section.

1. Provide a detail operational narrative of all paging and control functions of the PA system.
2. Provide a listing of user log-in options and associated user matrices.

3. Provide a preliminary list of all on-screen operator functions, emergency response instructions and help menus.
4. Alternatives to the basis of design may be submitted for Owner Representative’s approval.
5. Failure to provide all required documentation in accordance with ALL related specification requirements at the time of shop drawing submission shall result in all submittals returned for non-compliance to the contract requirements.

1.5 QUALITY ASSURANCE

A. In addition to all “Quality Assurance” requirements specified in Division 01, Specification Section 270500 and all requirements by related specification sections, the Contractor shall also conform to all requirements of this section.

B. Contractor’s Qualifications:

1. Firms regularly engaged in the installation of Audio Paging and Announcement systems of a similar scale and complexity and that have three (3) years of installation and programming experience with systems similar to that required for this project. The Contractor shall have been actively engaged in installing, maintaining, and operating similar systems and services as outlined in this document.
2. Provide references to include client names, phone numbers, and a summary of project details. These references will be checked, and the clients will be asked questions relative to the performance of your company.
3. Provide verification that installation personnel responsible have been properly trained to install the products described in this Section.
4. Provide full time project manager with a minimum of ten (5) years' experience in the installation and programming of audio paging systems and related infrastructure. Project manager shall be assigned for the duration of the project and shall not be replaced without written consent from the Owner.

C. Manufacturer’s Qualifications:

1. Firms regularly engaged in development of products of the types and capacities required for this project; whose products have been in satisfactory use in similar service for not less than three (3) years.

D. All work shall be performed in accordance with the applicable manufacturer’s installation instructions, and requirements. In addition, all work, testing and commissioning shall be in conformance with all requirements of the Contract Documents, applicable Codes and Standards, as well as all requirements of the following authorities having jurisdiction:

1. Destin-Fort Walton Beach Airport (VPS)
2. VPS- IT Standards if applicable
3. Fort Walton, Florida
4. Okaloosa County

E. Coordinate all operational provisions of the PA system, programming and operational features and functions.

1. Prior to finalization of any programming the Contractor shall review, with VPS and Owner’s Representative, the following:

    a. System integration methodologies
    b. All audio paging functions
    c. All system configuration, monitoring, and troubleshooting functions
    d. Utility screens, user interface screens, on-screen operator functions

2. Failure to provide this review, prior to final programming, shall result in the Contractor making all changes requested by VPS and the Owner’s Representative at no additional cost to the project.

1.6 RECORD DOCUMENTS

A. Provide the Owner with a complete set of record drawings, in accordance with all requirements of Division 01 and Specification Section 270500.

1.7 INTELLECTUAL PROPERTY

B. Refer to Specification Section 270500.

1.8 SOFTWARE AGREEMENT

A. In addition to the requirements found in Division 01 and Specification Section 270500, the Contractor shall also conform to the requirements of this section.

B. Included as part of the scope of work for this project, the Owner shall retain ALL ownership and access rights to all PA system programming.

1. The contractor shall provide to the Owner’s Representative complete copies of all PA system software, system programming, and all software licenses related to the PA system, prior to final acceptance. Programming shall include, but not be limited to, all device identifications, device descriptions, logic matrices, all program access level passwords, as well as all function and sub-function routines.

1.9 EXTRA MATERIAL

A. In addition to all “Extra Material” requirements as specified by Division 01, Specification Section 270500 and all requirements by related specification sections, the Contractor shall also conform to all requirements of this section.

B. Provide Owner:

1. Digital Microphones – Two (2) of each type installed under this project.
2. Amplifier Module (T6472L) – Two (2)
3. Speakers – Two (2) of each type installed under this project.
4. Any other devices required for this system to function properly – Tw (2) of each type installed under this project.

PART 2 – PRODUCTS

2.1 GENERAL

A. Provide all necessary PA system components, servers, and software and software upgrades in conformance with the performance requirements of these and all related Specifications. The PA system shall be provided in accordance with manufacturers' recommendations in order to meet all system performance criteria, configured to provide a user-friendly operating platform in a seamless manner.

B. Acceptable products:

1. MediaMatrix – Peavey, no approved equal.

2.2 SYSTEM PERFORMANCE

A. Technology – This system shall utilize the latest in digital audio, video and networking technology. The entire system shall be digital and not utilize combinations of analog and digital circuits. At the first point of connection to the system, microphones and other program sources shall be digitized and remain in the digital domain until the final power amplifiers. Systems that use multiple stages of analog/digital quantization are not acceptable.
2. The system shall be entirely software driven. No analog controls may exist anywhere in the system that could allow unauthorized adjustments or users.
3. Microprocessors shall manage and control all system functions and hardware including microphone communication stations, announcement queuing, telephone interfaces, distribution of emergency announcements, local announcements, terminal announcements, background music distribution, announcement recording, and messaging.

B. System Architecture – The system shall feature distributed processing, with one or more virtual Announcement Control System (vACS) software controllers. The vACS controller shall provide a network-centric architecture to minimize central head-end equipment. This will eliminate the possibility of complete system failure should catastrophic failure happen in any one room or area. This distributed topology will also allow for local interface terminations with other systems, rather than the need to route connections to a centralized head-end location. As an alternate, the vACS, and optional Enterprise and MS SQL may be installed in virtualized environment for high availability architecture. Failed or abnormal performance of any active system component shall generate a fault to the fault reporting system.

C. Ethernet Network – The entire system shall operate on a single Ethernet network. The network shall be designed using a hierarchical star configuration with a Gigabit backbone between all core, intermediate, and edge switches. In shared network environments, the Paging System shall be isolated from other broadcast traffic on a separate VLAN. Multiple VLAN's may be required depending on the ultimate system size and the manufacturer's recommendations. The network shall be designed and installed using recognized industry practice and tested in accordance with ANSI/TIA/EIA 568B-1, 2, and 3.

D. Software – All system software for every system component shall be integrated into a single enterprise-class application utilizing a common database.

1. The entire system shall be programmed, controlled, and monitored by use of a single software application provided by the manufacturer of the system. Systems that require opening different applications provided by differing manufacturers to setup, control, or monitor system operations are not acceptable.
2. Set up of announcement control, messaging, signal processing, and amplifier control functions shall utilize graphically oriented objects and a common tree-view for the entire system. When expanded completely, the left portion of the window shall show a tree view of the vACS nodes controlling each area of the facility (i.e. individual concourses, terminals, gates, etc. or as applicable). Each expanded view shall include the functional setup parameters for each vACS, microphone communications station, integrated digital power amplifier system, and visual display device. These include but are not limited to microphone communications station setup, zone & zone group setup, user and user group setup, permanent digital record and playback (PDRP) configuration, audio monitor and testing setup, zone equalization, ambient analysis setup and power amplifier control.

E. Password Security – System access to setup workstations, servers, and remote access shall require an authenticated username and password. Access to microphone communications stations may require an optional user ID and PIN. Each user ID and PIN shall allow for up to 8 characters. The password server shall allow assignment of users to employer user groups for restricted access to appropriate functions and areas.

F. Announcement Distribution – The system shall provide for distribution of announcements and messages to each zone of the system. A zone is defined as the smallest addressable area of speaker coverage. The system shall prevent a single zone from receiving more than one announcement or message at a time. No announcement or message shall be lost or discarded due to coordination or priority preemption unless configured as such through the business rules programming. For initial programming configure the systems as follows:
   1. Program material sent to zones (i.e. Background Music) shall be ducked during any announcement or message.
   2. A local or multi-local zone group announcement shall not delay a terminal announcement from playing, but it shall interrupt and override the terminal announcement in the zones that have been assigned to its use.
   3. Multiple emergency announcements may be made at one time if no zone conflicts for that class of announcement exist. Regardless of zone announcements, emergency announcements immediately suspend all other zone activity in the effected zones until completed or cancelled.

G. Priority Levels – Announcements and messages shall be processed and distributed based on defined levels of priority. A minimum of (256) priority levels shall be available. Initial priority levels shall be assigned as follows:

1. Not Assigned
2. Emergency Live Announcements
3. Emergency Messages
4. Not Assigned
5. Local Announcements and Messages
6. Not Assigned
7. Terminal Announcements and Messages
8. Not Assigned
9. Not Assigned
10. Program Material (Background Music)

H. Signal Routing – The system shall provide for simultaneous routing of the following traffic.
1. Each Announcement Control System (vACS) Instance or LAN segment shall route up to 240 paging stations and 32 message channels to up to 512 zone outputs. Routing is limited only by the number of CobraNet channels that are dynamically assigned. No announcements shall be routed through the servers or announcement controllers unless being stored for delayed playback.
2. The system shall distribute (8) program (BGM) channels assignable to any zone output.
3. The system shall distribute and monitor audio from any monitor point to the requested monitoring speaker station.
4. All routing of signals shall be on the digital audio network.
5. All switching shall be quiet with no audible switching transients, clicks or pops.
6. The system shall route unlimited visual announcements to the display devices.

I. Announcement Properties – Each Announcement shall be configurable with announcement properties. These include:

1. Announcement Gain
2. Priority Level
3. Time to wait in a ready state.
4. Time to Warn for cutoff.
5. Maximum Length
6. Maximum Wait in busy queue
7. Activate with only partial resources.
8. Preempt All
9. Continue with some zones Preempted
10. Preemption Zone Kill
11. Recover Zones as available
12. Ducking
13. Zone Mute
14. Emergency

J. Multi-Local Zone Groups – The system shall have the ability to program multi-local zone groups for each microphone communications station. These zone groups shall be pre-established groups of relational zones that are commonly accessed from those stations. A single number entry (common to every station for that relationship) shall be used to access those zone groups.

K. User Groups - The system shall provide for editable user group assignments that control user access. User groups are sets of zone assignments within the facility. Zone groups may be selected by user groups based on approved access. User groups shall be available to users at microphone communication stations based on their authenticated membership in a user group and password/PIN.

L. Logging – When a dedicated or virtual system server is included in the system topology, and the server has been loaded with Enterprise software, the Logging System portion of the software shall provide complete logging/archival for the following (4) types of system activity:

1. User Activity Log – This feature shall record all log in and out activity by time and date and record event descriptions for each. This includes all changes made to the system setup configuration.
2. ACS Announcement Log – This feature shall record all events in the system including all announcements and messages that play. It shall include the user logged in, announcement type, time and date, originating station, destination zone(s) and length.
3. Communications Station Security Log – This feature logs the status of communications stations. It shall include the user, users' company (airline), station name and status
4. Fault Logger – This feature shall log all system faults. It shall include type and location fault, time and date of fault, time and date of restoration, and applicable test data. Faults shall be assignable to fault classifications and configurable for prioritized delivery.
5. Should the system configuration require only a single vACS controller, and no dedicated or virtual system server, log entries and archives will be held in volatile RAM, with all entries being lost upon loss of system power. Periodic external archiving of system logs should be performed if permanent log storage is required.

M. System Capacity – Each system shall provide for up to (32) vACS nodes. Each vACS node shall provide support for up to (240) microphone communications stations, (480) expansion microphone stations and over (500) zones. Any microphone communication station may be assigned to any combination of zones in the system.

N. Audio Specifications

1)	Frequency Response	± 0.5 dB 20Hz to 20kHz
2)	Total Harmonic Distortion (THD)	< .05% @ Rated Amplifier Output 20Hz to 20kHz
3)	Noise Referenced to Input	-120 dBu 20Hz to 20kHz
4)	Signal-to-Noise	>90dB
5)	Maximum Latency – From Communications Station to Power Amps through (3) Network Switches	11.9 ms

O. Messaging Servers – The messaging system (Digital Record and Playback (DRP) shall be integral to the function of the vACS and be integral to a vACS controller or reside on the network as a message server appliance.

1) (8) Channels of Recording and (8) Channels of Playback shall be simultaneously available in each message server. Each vACS LAN or VLAN segment can support up

to four message servers. Each channel shall provide a minimum of 130 seconds of recording. Times shall be configurable based on announcement type.

2) When a communications station or workstation initiates an announcement, the system shall dynamically assign a communications channel (CobraNet), and assign it to an open DRP channel. The announcement shall be played if the mic switch is released prior to the end of the record time. If the mic switch is pressed and held during a 5 second (or as programmed) silence period, the announcement shall be cancelled. The announcement will playback automatically, to the selected zone group, in its assigned queue position.

3) Messages shall be stored in non-volatile memory and have a minimum capacity of 20,000 minutes.

4) The system shall support minimum of (8) languages.

5) The system shall support minimum of (3) types of messages. Each message shall have an audio and visual element to provide visual paging that duplicates the audio in the designated zones. The audio and visual elements shall start together and maintain continuous synchronization through the duration of the message.

6) Some messaging may require the use of a dedicated or virtual system database server, and Enterprise software. Contractor shall confirm the necessary hardware required for each type of message to be utilized.

   (a) Standard Messages – These are standard single file (take) messages of following categories. Standard messages may be assigned to any zone or zone group and may be initiated by any assigned communications station or scheduled for play by the system clock.

      1. Emergency announcements and instructions.
      2. Public service announcements (no parking, no smoking, etc.)
      3. Regulatory (do not leave bags unattended, etc.)
      4. Other institutional messages.

   (b) Assembled Messages - Assembled messages shall allow audio message "takes" or phrases to be "assembled" in real time to create a complete message. Assembled messages shall allow dynamic information provided by the user or a database to be included within the message to provide for specific information or instructions. The user shall have the ability to "build announcements" using stored takes utilizing the built-in editing system. Takes shall be professionally recorded human voices and edited to allow assembly in any random order. Each message shall be up to 30 takes long. The following messages shall be assembled:

      1. Flight boarding sequence announcements.
      2. Flight arrival, bag claim, and delay announcements.
      3. Gate changes or other gate operations.
      4. Delayed flight or canceled announcements.
      5. Provide message libraries for English, (add others if applicable)

P. FAS Ambient Noise Analysis and Control – The system shall include the capability to automatically adjust the volume levels in each zone based on changes in the ambient noise levels in those zones.

1) Each zone that includes a sensor within its boundaries shall have automatic control.

2) The system shall automatically null announcement or program material for that zone to prevent “runaway” or inaccurate volume tracking and shall provide smooth unobtrusive control.

3) Software shall allow for setup of the following parameters.

(a) Automatic, slaved to an automatic channel, or fixed modes.

(b) Configuration of one to four sensors for control of a zone and control of multiple zones from one or more grouped sensors.

(c) Control of threshold, maximum gain allowed and scaling ratio.

(d) Software shall provide for real time monitoring of sensor levels, program levels, output levels and gain changes.

(e) System shall provide for automatic setup of zones using the integrated system messaging.

Q. System Equalization - The system shall provide for frequency response equalization for each speaker zone output.

1) Filter types shall allow notch, high pass, or low pass.

2) Filters shall have a Q range of 0.055 to 33.

3) Provide (9) filters for each zone output.

R. Automatic Backup Amplifier Switching – The system shall include backup amplifier switching in the event of the failure of a power amplifier.

1) The system shall automatically detect failure or abnormal operation of a power amplifier and replace it with a spare amplifier without operator initiation.

2) One spare power amplifier shall be installed for each (8) installed amplifiers.

3) The spare amplifiers shall be only be powered up when they are transferred into service. The system shall detect a failure, power up the spare amplifier, and complete the transfer for restored operation within 2 seconds of an amplifier failure.

S. Monitoring System - Provide the capability for complete integrated aural and signal level monitoring of the system at designated monitor points. This capability shall be available for selection at each system workstation for level monitoring and at each monitor speaker location for aural monitoring. Audio routing shall be automatic from any monitor point to any listening point.

1) Selection shall be instantaneous and not introduce pops or other audio noise.

2) Provide monitor points for each direct digital input, local analog input, ambient channel output, equalizer output, amplifier input, amplifier output, and speaker zone (plus end-of-line).

3) Provide capability to select an announcement or message in progress from the main activity screen and select monitor points for that activity during the announcement or message.

4) Provide a dynamic multi-channel VU monitoring screen selectable for each T9160 Mainframe. The screen shall include calibrated VU meter bars, channel status, signal presence, and fault status for each of the (16) channels. The screen shall also indicate status of the backup amplifier channels.

T. Testing System – The system shall provide for self-diagnostics that operate in real time under software control.

1) This self-testing shall include testing of any combination of communications stations, direct digital input, local analog input, ambient channel output, equalizer output, amplifier input, amplifier output, and speaker zone (plus end-of-line).

2) The system shall be capable of testing to a resolution of 0.5 dB.

3) Manual or programmed audible frequency self-testing shall be available as well as an inaudible (20 kHz) test designed to exceed the requirements of NFPA 72.

4) All testing must be capable of operating simultaneously with normal system operations including test setup. Systems that disrupt or play audible test tones to more than a single zone at a time are not acceptable.

5) Each speaker line shall include end of line monitoring to confirm continuity in accordance with NFPA72. Any fault in a speaker line shall be reported within 2 minutes.

6) Each speaker line shall be tested for Ground Fault Interruption (GFI) on both sides of the balanced speaker cabling. This testing shall be available without applying power to the amplifier to verify cabling integrity prior to powering.

7) All test results shall be reported to the fault reporting system.

2.3 ANNOUNCEMENT CONTROL SYSTEM (VACS)

A. The system shall consist of one or more Virtual Announcement Control System controllers. Each vACS shall be designed and distributed to allow continued announcement and standard message operation in the event of failure of the system server, or communication to other vACS nodes.

1) Announcement Controller – The Announcement Controller shall manage all primary operations of the ACS including paging communication stations, audio routing, message management and Ethernet communications. It shall include an on-board solid-state hard drive as well as flash memory for fail safe emergency message playback. The Controller shall accept standard VoIP protocols via two (2) native, simultaneous connections, and shall accommodate eight (8) additional inputs when separate third-party media converters are included. The physical and software controller shall be as recommended by the manufacturer.

2) Power Supplies – The server/controller shall be powered with individual 12-volt power supplies. Each power supply module shall be capable of providing 4 amps of power to each Device.

3) For each IED 1150 server, provide a backup IED 1150 Lifeline Backup Server, configured to seamlessly take over primary server functionality in the event of a primary server failure.

B. System Software (Server/Controller) – Each vACS Announcement Controller will be loaded with system software that will enable it to manage up to 240 digital microphone paging stations, and over 500 zone outputs.

1) System Software will include capability to interface/control other digital system components such as power amplifiers and logic devices.

2) Software shall be licensed with an annual license fee which includes support and updates.

3) Latest software shall be by MediaMatrix, no approved equal.

C. Ambient Analysis Sensor Collector – The ambient analysis sensor collector shall accept inputs from the ambient analysis sensors, process their data, and transmit the data to the appropriate amplifier system.

1) Connection to the system shall be via a 100BaseT Ethernet port.

2) The collector shall be rack mounted in 1RU and accept inputs from up to 32 ambient noise sensors.

3) The collector shall be powered through the PoE Ethernet Port.

4) The Ambient Analysis Sensor Collector shall be by Bogen or as recommended by the PA system manufacturer.

D. Ambient Analysis Sensor – The Ambient Analysis Sensors shall detect ambient noise levels in respective speaker zones. Noise levels shall be processed using an A-weighted curve and converted to a DC waveform for transmission to the Ambient Analysis Sensor Collector.

1) The Ambient Analysis Sensor shall be Bogen model ANS501 or as recommended by the PA system manufacturer.

E. Integrated Digital Power Amplifier System (IDPAS) – The Integrated Power Amplifier System shall provide DSP processing and power amplification for up to (4) zones in a single modular mainframe.

1) Digital Audio Network Interface – The network interface shall receive (32) dynamic assigned audio channels from the vACS via the Ethernet Network. Control for the IDPAS and monitoring shall be included on the network. The NIC shall provide dual outputs to support a redundant network.

2) Zone Manager – The IDPAS shall provide zone management for (4) channels as directed by the vACS. Channel management shall be structured to utilize the minimum channels necessary on the network to support paging, messaging and background music activity for any combination of zones.

3) DSP Processing – The IDPAS shall include digital signal processing for (4) channels of audio. Each channel shall include (9) bands of parametric equalization, time delay, ambient analysis control, (7) monitoring points, and (7) testing points. Complete setup and control software shall be integrated within the Enterprise Software and available

on the network for configuring, controlling, monitoring, and testing the DSP for each channel.

4) Ambient Analysis and Control – The Ambient Analysis System shall adjust signal levels in response to either ambient noise levels or computer commands. The system shall operate in real time and shall not be a "sample and hold" system. The system shall include an automatic calibration sequence. All setup, configuration and monitoring controls shall be software based with the ability for multiple sensors averaged to control a single channel(s) or for a single sensor to control multiple channels. The sensors shall utilize control signaling and levels that allow co-locating with the speaker cable for cable routing efficiency. Three modes of operation shall be possible:

   (a) Automatic – Changes attenuation levels in response to noise levels reported by remote sensors.

   (b) Slaved – Changes attenuation levels based on remote sensors of an automatic channel.

   (c) Fixed – Fixed attenuation as set by the computer and user.

5) Internal Monitoring – Each IDPAS shall include in internal audio monitoring buss with software selected switching. This monitor shall allow selection of a monitor point from the control software to allow visual and audio monitoring of the channel network input, channel direct input, ambient channel output, EQ output, amplifier input, amplifier output, and speaker load monitor for each of the (4) channels. This feature shall operate simultaneously and independent of the automatic testing.

6) Automatic Testing – The automatic testing system shall locally test and process audio test signals through the IDPAS. These tests may be done manually on demand for any single test point as well as globally in the mainframe on a completely automated basis during the day. The test points duplicate those of the monitoring points above with a testing resolution of 0.5 dB.

7) The Integrated Amplifier Mainframe shall be the Peavey Ci 30x4 amplifier, no approved equal.

F. Limited Function Digital Microphone Stations – Limited function microphone stations shall have (4) selection buttons. The station shall be a network appliance with control and CobraNet audio communicating on the audio network. Connection to the system shall be 100BaseT with power provided by a PoE switch port. Microphones shall be handheld and utilize a magnetic mount. Microphones shall include a line amplifier in the microphone shell to eliminate microphone signal levels beyond the microphones. Stations shall be provided in surface wall-mounted (2-gang) or desktop versions as noted on the drawings and based on the mounting situation required.

1) Wall-Mounted Microphone Station – Peavey RMP-2 (with handheld microphone); no approved equal.

2) Desktop Microphone Station – Peavey Pagematrix 4 (with desktop base and handheld microphone); no approved equal.

G. Microphone Communication Station Enclosures - For station mounting locations requiring desktop, angled vertical, or angled horizontal, provide factory enclosures to match the finish of the station. Enclosures shall be non-metallic and include rubber feet.

2.4 UNINTERRUPTABLE POWER SUPPLY (UPS)

A. Provide dedicated UPS units in conformance with the performance requirements of all PA system equipment in each communications or audio equipment room rack. The UPS shall be provided in accordance with all manufacturer recommendations in order to meet all system performance requirements. Additionally, the UPS shall meet the following minimum requirements:

1. 19" rack-mounted unit providing a minimum of 2150VA / 1650W power with sufficient internal and/or external battery packs to provide 7 minutes of runtime at full load and 15 minutes of runtime at half load.
2. Line interactive with Automatic Voltage Regulation (AVR).
3. Minimum (8) NEMA 5-20R receptacles.
4. UL listed for use on audio/visual equipment and capable of providing protection against of blackouts, voltage fluctuations, and transient surges.
5. Support for remote monitoring and configuration of UPS via integrated network connection.
6. Equipped with built-in audible alarm and front panel LED/LCD display to indicate status of line power, battery power, battery low/replace, voltage regulation and load level.
7. Power Input:

    a. 80VAC – 145VAC
    b. 60 Hz +/- 3Hz (Auto-Sensing0
    c. Resettable Thermal Fuse

8. Power Output;

    a. 120VAC / 2150VA / 1650W Minimum
    b. Pure Sine Wave
    c. 57 – 63Hz (60Hz nominal)
    d. 4ms Transfer Time, Line to Battery / Battery to Line (typ.)
    e. Overload Prottection

9. Total Harmonic Distortion (THD), Battery Backup: 1.5% @ 60% Load / 5.2% @ 100% Load
10. Surge Protection: Line-Neutral 381 joules @ 270V Clamp Voltage
11. UPS shall be Middle Atlantic 2200R-8IP or approved equal.
12. Provide external battery expansion, Middle Atlantic MAP-EBPR or approved equal.

2.5 NETWORK SWITCHES

A. Network switches shall be commercial-grade units with lifetime warranties. The switches shall be equipped with GBIC/SFP modules and ports as required to provide a Gigabit Backbone and 100BaseT ports for each device. All switches shall be managed and be full non-blocking. The switches shall include QoS, Spanning Tree, have a minimum of 32mb of memory and be capable of PoE/PoE+. Switches providing 100BaseT ports for Collectors and Communications Stations shall include PoE/PoE+ ports as required, or provide rack mounted Mid Span Power devices.

B. Edge Switches shall be Cisco 3850 Catalyst Series or latest model with Gigabit and Port Modules as required, no approved equal.

1. Provide all programming of all network switches. Coordinate with VPS-IT for specific programming requirements and IP address schema.

PART 3 – EXECUTION

3.1 EQUIPMENT PROTECTION

A. Comply with all requirements of specification section 270500.

1. Examine all physical and environmental conditions, equipment and device locations, auxiliary system connectivity requirements impacting the installation of all network systems and report any unsatisfactory conditions in writing to the Owner's Representative.

3.2 WORK PERFORMANCE

A. In addition to all requirements as specified by Specification Section 270500 the network communications systems shall also be provided in accordance with the following requirements:

1. Prior to the final commissioning and\or programming of any network communications components, the Contractor shall provide a review with the Owner's Representative addressing all network integrations, programming and related operational connectivity.

a. Failure to provide this review and get final sign-off prior to programming shall result in any costs related to changes requested by the Owner's Representative as not being charged to the project.

3.3 EQUIPMENT/CABLE INSTALLATION AND REQUIREMENTS

A. In addition to all requirements as specified by Specification Section 270500 the network communications systems shall also be provided in accordance with the following requirements:

1. All system cabling shall be of the type, size, and specification as required by all contract documents as well as stipulated by all codes and standards as specified by specification section 270500.
2. All network communications cabling shall utilize Category-6 UTP cables and installed in accordance with the requirements of specification section 270500. All network cabling conduits shall not contain any AC carrying conductors or non-associated network communications cables within the cable raceways\conduits or cable bundles.

a. In addition, all structured cabling associated with the installation of any network communications system shall comply with all requirements of EIA\TIA standards for the proper installation, termination and testing of all

fiber optic and Category-6 UTP cabling.

b. Contractor shall provide all equipment, components, devices, hardware, equipment racks\cabinets, patch panels, and all appurtenances necessary to provide fully operational network communications systems utilizing a UTP cabling topography. Coordinate all structured cabling with all trades and contractors prior to shop drawing submission.

3. All serial communications cabling shall utilize 16 AWG, 4 pair shielded twisted (STP) cables and installed in accordance with the requirements of specification section 270500. All serial cabling conduits shall not contain any AC carrying conductors or non-associated network communications cables within the cable raceways\conduits or cable bundles.

3.4 TRANSIENT VOLTAGE SUPPRESSION

A. Comply with all requirements of specification section 270500.

3.5 GROUNDING AND BONDING

A. Comply with all requirements of specification section 270500.

3.6 EQUIPMENT IDENTIFICATION

A. Comply with all requirements of specification section 270500.

3.7 MAINTENANCE & SERVICE

A. Comply with all requirements of Division 01 and specification section 270500.

3.8 WARRANTY

A. In addition to all "Warranty" requirements as specified by Division 01, Specification Section 270500 and all requirements by related specification sections the Contractor shall also conform to all requirements of this section.

1. Provide a 5-year extended manufacturers' warranty on each HMI central processor units provided as part of this project.
2. Provide a 5-year extended manufacturers' warranty on each Touch Screen monitor provided as part of this project.
3. Provide a 2-year extended manufacturers' warranty on each HMI UPS unit.

B. Provide all manufacturers extended cable warranties based on matching wire to component compatibility requirements. All cable warranties shall be in effect for a period of not less than 20 years.

1. The warranty must include the following statements regarding the cabling system:

a. "That all communications networks have been certified and will support and conform to ANSI/TIA-568-C specifications covering any current or future application which supports transmission over a properly constructed and horizontal cabling system premises network which meets the channel and/or

basic link performance as described in ANSI/TIA-568-C."

b. “That all communications networks are free from defects in material or faulty workmanship."

3.9 FIELD SERVICES

A. Comply with all requirements of Specification Section 270500.

3.10 TRAINING

A. Comply with all requirements of Division 01 and specification section 270500.

B. Documentation:

1. Contractor shall provide documentation to include all test results and as-built drawings, test results shall be computer generated and shall include all trace reports indicating each pair tested in accordance with all requirements of specification section 270500.

a. One Hard Copy shall also be provided to the Owner’s Representative. Software for viewing the test results shall also be provided in the soft copy package.

C. Final Acceptance

1. Acceptance of all network communications systems, by the Owner’s Representative, shall be based on the results of testing, functionality, and the receipt of documentation. The testing, of all UTP cabling, fiber segments and all serial data cables must meet the criteria established in the specification sections 270500.
2. The Contractor must demonstrate to the Owner’s Representative that 1000 Mbps data signals can be successfully transmitted, bi-directionally, from the layer II switch to and from a minimum of 10% of individual data drops on each floor, witness tested by the Owner’s Representative. The number of data drop locations to be tested shall be determined by Owner’s Representative. With regard to documentation, all required documentation shall be submitted to Owner’s Representative.

D. As-Built Documentation:

1. Contractor shall provide clean copies of the technology drawings depicting all as-built conditions for all data drop locations, cable routing and identification, patch panel, data switch port terminations, component layouts and all information as required by Division 01 specification section.

END OF SECTION 271500

THIS PAGE INTENTIONALLY LEFT BLANK

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, and all related Specification Sections, shall all apply to this Section.

B. Related specification sections:

1. Refer to Specification Section 27 05 00 for additional information.

C. Reference Symbols:

1. All device symbols are defined by the appropriate symbol schedule on the symbols and abbreviations sheet in the systems drawing package. Not all device symbols indicated may be required for the project.
2. Due to the scale of the drawings, symbols are shown on drawings as close as possible to the mounting location. Contractor shall coordinate exact locations with all drawings and affected trades prior to submittal of shop drawings.

a. The installing Contractor shall coordinate exact locations with all security and telecommunications drawings and site plan drawings as well as all affected trades prior to submittal of any shop drawings.

D. Abbreviations:

1. Refer to Specification Section 27 05 00 for additional information.

E. Definitions:

1. Refer to Specification Section 27 05 00 for additional information.

1.2 SUMMARY

A. The MUFIDS described herein includes the requirement for compatible functionality, software and hardware to post contents within the project spaces including, but not limited to display flight, baggage, gate, airline branding and visual paging information.

B. The Contractor shall be responsible for providing all equipment, devices, system components, patch cables, installing, programming and development of display contents, commissioning, and testing of all displays and equipment in accordance with all related Division 27 Specification Sections.

1. All software and hardware shall be commercially available off-the-shelf (COTS) type.

C. The scope of work shall include all hardware software and programming required to implement the MUFIDS platform and shall include all work, materials, infrastructure, equipment, software, network interfaces, and programming as required to provide physical interface for full connectivity. Additionally, the contractor shall provide the following as part of the MUFIDS scope.

1. Power coordination with other trades as required for display locations.
2. Millwork and structural attachment coordination with other trades as required.
3. Construction scheduling and tasks required to support of project coordination.

1.3 REFERENCES

A. Refer to Specification Section 27 05 00 for requirements.

1.4 SYSTEMS DESCRIPTIONS

A. Refer to Specification Section 27 05 00 for additional information.

1.5 SUBMITTALS

A. Refer to Specification Section 27 05 00 for additional information.

1.6 QUALITY ASSURANCE

A. Refer to Specification Section 27 05 00 for additional information.

1.7 DELIVERY STORAGE AND HANDLING

A. Refer to Specification Section 27 05 00 for additional information.

1.8 RECORD DOCUMENTS

A. Refer to Specification Section 27 05 00 for additional information.

1.9 OPERATIONS AND MAINTENANCE

A. Refer to Specification Section 27 05 00 for additional information.

1.10 SOFTWARE AGREEMENT

A. Refer to Specification Section 27 05 00 for additional information.

1.11 EXTRA MATERIAL

A. Refer to Specification Section 27 05 00 for additional information.

PART 2 - PRODUCTS

2.1 MANUFACTURED PRODUCTS

A. Refer to Specification Section 27 05 00 for additional information.

2.2 MUFIDS DISPLAY TYPES AND CONFIGURATION REQUIREMENTS

A. MUFIDS Display Requirements:

1. General:

a. The Contractor shall coordinate location of displays and other devices with structural elements, electrical power, architectural millwork, to plan locations, attachments, accessibility, and operations for each display planned for the Project spaces.

B. MUFIDS Displays planned for the Project Spaces shall include the following display types and contents:

~~1. Curbside Drop Off Point Displays – Airline branding, dual sided, exterior rated, LED dynamic signage. Minimum 8-inch character height. Monochrome or full color.~~
~~2. Ticket Counter Overhead Displays - Airline branding and ticketing information located over ticketing counters - 55" LCD flat panels.~~
~~3. Ticket Counter Backwall Displays - Airline branding and ticketing information located behind ticketing counters - 55" LCD flat panels.~~
~~4. Video Bank Displays - Arrival / Departure / Visual Paging / Mass Notification -5 screen Banks of 55" LCD flat panels.~~
~~5.~~1. TSA SSCP queuing spaces -TSA wait times and -3-1-1 types passenger information on screening process. Provisions for (4) locations within the SSCP West Wall at TV height (2 ports per location).
~~6.~~2. Additional display types and locations -~~TBD~~AS INDICATED ON AF DRAWINGS AS X1 AND X2.

C. Video Processors: The MUFIDS shall use small form factor "Intel NUC" type video processors provisioned with latest software and hardware configuration MUFIDSMUFIDS. The video processors shall be provided in dedicated 1:1 for each display planned for in the project.

~~D. Dynamic Signage Signaling: LED dynamic signage will be communicated with standard Ethernet signaling (802.3) using either copper or fiber optic cabling. Fiber optic interface to dynamic signage will require close coordination with passive cable plant and network switch design and installation.~~

~~E.~~D. The Contractor shall be responsible for integration of the MUFIDS with the new replacement terminal Local Area Network (LAN).

2.3 SYSTEM AND SOFTWARE REQUIREMENTS

A. General Requirements

1. The Contractor shall furnish and install all equipment, component and appurtenances as required for a fully functional MUFIDS. The displays and processors planned for the new spaces in the project shall require provision of software, software licenses, programming and integration.

B. Software

A. Refer to Specification Section 27 05 00 for requirements.

C. Software Licenses

A. Refer to Specification Section 27 05 00 for requirements.

2.4 HARDWARE REQUIREMENTS

A. General

1. The MUFIDS, as defined in this document, shall include all configured hardware necessary for full operability. The Contractor shall supply all patch cables, power cords, displays, display mounting attachment hardware, and video processors equipment necessary to interconnect all system hardware. All hardware and materials shall be new.
2. The hardware selected shall be "standardized to maintain uniformity, warranty and spares optimization for the MUFIDS program.

B. MUFIDS hardware products shall include, but not be limited to:

1. 55" LCD Video Displays:

a. Basis of design manufacturer: NEC Displays

1) NEC P463 commercial Grade 24/7
2) NEC P484 commercial Grade 24/7

2. Video Processors:

   a. Basis of design manufacturer: Intel

      1) Intel NUC 8iXXX

3. Video display mounting and attachment brackets:

   a. Basis of design manufacturer: Peerless

      1) Pop-out
      2) Tilt

~~4. LED Dynamic Signage Displays~~

~~a. Basis of design manufacturer: Daktronics~~

~~1) AF Series LED Signage~~
~~2) GS Series LED Signage~~

PART 3 - EXECUTION

3.1 COORDINATION

A. Refer to Specification Section 27 05 00 for additional information.

3.2 EQUIPMENT PROTECTION

A. Protect all materials, equipment, devices or components permanently installed and/or stored on the job site. Protect all materials, equipment, cabling, devices or components during construction and after installation, provide appropriate protection of all materials, equipment, components and/or devices until time of substantial completion. All materials, equipment, components and/or devices shall be protected during shipment and storage against any physical damage, dirt, moisture, cold, snow or rain:

   1. During installation, enclosures, racks\cabinets, equipment, controls, controllers, circuit protective devices, and other like items, shall be protected against entry of any foreign matter; and shall be vacuum cleaned both inside and outside before testing and operating and repainting if required.

3.3 WORK PERFORMANCE

A. In addition to the requirements of Specification Section 27 05 00, comply with the following:

1. Refer to related specification sections for additional project coordination requirements. In addition to the requirements defined in this Specification Section, the contractor shall coordinate and meet all requirements addressed in Division 26, Division 27 and Division 28 Specification Section.

3.4 EQUIPMENT INSTALLATION

A. All system equipment installations shall be in accordance with good engineering practices, NEC, local building codes, and all manufacturer's requirements. Cable terminations at all equipment locations shall comply with all state and local electrical codes. All wiring shall test free from all grounds, shorts, stray voltages and EMI.

3.5 INSTALLATION REQUIREMENTS

A. In addition to all demonstration and training as specified by Division 01, Specification Section 27 05 00 and related Division 27 Specification Sections, system installation shall be provided in accordance with all requirements of this Section.

B. General

1. System/Hardware and mounting must comply with IBC Seismic Requirements.
2. Where undefined by codes and standards, Contractor shall apply a safety factor of at least 2 times the rated load to all fastenings and supports of system components.

3.6 COMMUNICATIONS CABLING REQUIREMENTS

A. Refer to Specification Section 27 05 00 for additional information.

3.7 ELECTRICAL POWER DISTRIBUTION

A. Comply with the requirements of Specification Section 27 05 00.

3.8 TRANSIENT VOLTAGE SUPPRESSION

A. Comply with the requirements of Specification Section 27 05 00.

3.9 GROUNDING AND BONDING

A. Comply with the requirements of Specification Section 27 05 00.

3.10 EQUIPMENT IDENTIFICATION

A. Refer to specification Section 27 05 00 for additional information.

3.11 MAINTENANCE AND SERVICE

A. Refer to specification Section 27 05 00 for additional information.

3.12 WARRANTY

A. Refer to specification Section 27 05 00 for additional information.

3.13 FIELD SERVICES

A. Refer to specification Section 27 05 00 for additional information.

3.14 TRAINING

A. Refer to specification Section 27 05 00 for additional information.

3.15 PROJECT CLOSEOUT REQUIREMENTS

A. Refer to specification Section 27 05 00 for additional information.

END OF SECTION 27 42 16

GENERAL

G000	COVER SHEET	
G001	DRAWING INDEX	2
G101	ABBREVIATIONS, GENERAL NOTES & LEGENDS	
G111	MASTER KENOTE INDEX	
G201	ARCHITECTURAL SITE PLAN	2
G211	IDENTIFICATION OF ALTERNANTES	2
G212	ILLUSTRATED ALTERNATE EXECUTION	2
G221	SEATING ALLOWANCE	2
G311	SPACE UTILIZATION PLANS	2

LIFE SAFETY

AL001	BUILDING CODE ANALYSIS	1
AL002	PRODUCT APPROVAL LISTING	
AL111	FUNCTIONAL USE & OCCUPANT LOAD PLAN	2
AL211	EGRESS PLAN	2
AL281	BLAST MITIGATION PLAN	
AL641	INTERIOR PARTITION TYPES	2
AL710	LIFE SAFETY PLAN	2
AL831	CEILING ASSEMBLY LISTING	
AL851	WALL ASSEMBLY LISTING	
AL852	WALL ASSEMBLY LISTING	
AL861	JOINT ASSEMBLY LISTING	
AL862	JOINT ASSEMBLY LISTING	
AL881	PENETRATION ASSEMBLY LISTING	

CIVIL

C100	GRADING, DRAINAGE AND SIDEWALK PLAN	
C200	SITE UTILITIES PLAN	
C300	FENCING PLAN	
C301	FENCING DETAILS	

LANDSCAPE

L100	LANDSCAPE PLAN	

ARCHITECTURE

A110	OVERALL CONCOURSE PLANS	2
A211	ENLARGED FLOOR PLAN - AREA 1	
A212	ENLARGED FLOOR PLAN - AREA 2	2
A213	ENLARGED FLOOR PLAN - AREA 3	2
A214	ENLARGED FLOOR PLAN - AREA 4	2
A215	ENLARGED FLOOR PLAN - AREA 5	2
A216	ENLARGED FLOOR PLAN - AREA 6	1
A311	ENLARGED CEILING PLAN - AREA 1	
A312	ENLARGED CEILING PLAN - AREA 2	
A313	ENLARGED CEILING PLAN - AREA 3	
A314	ENLARGED CEILING PLAN - AREA 4	2
A315	ENLARGED CEILING PLAN - AREA 5	
A316	ENLARGED CEILING PLAN - AREA 6	
A401	OVERALL ROOF PLAN	
A411	ENLARGED ROOF PLAN - AREA 1	
A412	ENLARGED ROOF PLAN - AREA 2	
A413	ENLARGED ROOF PLAN - AREA 3	
A414	ENLARGED ROOF PLAN - AREA 4	
A415	ENLARGED ROOF PLAN - AREA 5	
A416	ENLARGED ROOF PLAN - AREA 6	
A452	ENLARGED RESTROOM PLAN	1
A453	ENLARGED RESTROOM CEILING PLAN	
A455	RESTROOM INTERIOR ELEVATIONS	1
A456	RESTROOM INTERIOR ELEVATIONS	1
A457	RESTROOM ACCESSORIES	1
A458	RESTROOM DETAILS	
A500	OVERALL KEY BUILDING ELEVATIONS	
A501	BUILDING ELEVATIONS	1
A502	BUILDING ELEVATIONS	1
A503	BUILDING ELEVATIONS	1
A504	BUILDING ELEVATIONS	
A505	BUILDING ELEVATIONS	1
A512	INTERIOR ELEVATIONS	
A513	INTERIOR ELEVATIONS	2
A514	INTERIOR ELEVATIONS	2
A515	INTERIOR ELEVATIONS	
A601	OVERALL BUILDING SECTIONS	2
A611	TRANSVERSE BUILDING SECTIONS	
A612	TRANSVERSE BUILDING SECTIONS	2
A613	TRANSVERSE BUILDING SECTIONS	
A614	TRANSVERSE BUILDING SECTIONS	
A621	ENLARGED WALL SECTIONS	
A622	ENLARGED WALL SECTIONS	
A623	ENLARGED WALL SECTIONS	
A624	ENLARGED WALL SECTIONS	
A711	DOOR SCHEDULE	1
A781	CURTAIN WALL TYPE 'A'	
A782	DEMOUNTABLE GLAZING WALL TYPE 'B'	
A801	EXTERIOR WALL DETAILS	
A802	SECTION DETAILS	
A814	ALTERNATE 4 CANOPY DETAILS	
A851	METAL FABRICATION DETAILS	2
A861	MILLWORK DETAILS HOLDROOM PODIUM	
A862	MILLWORK DETAILS LEO/TSA PODIUM	2
A863	LEO/TSA PODIUM DETAILS	2
A871	ROOFING DETAILS	
A881	DOOR DETAILS	
A891	CEILING DETAILS	
A892	WALL FINISH DETAILS	
A893	FLOORING DETAILS	
A901	PERSPECTIVE BUILDING SECTIONS	

ARCHITECTURAL FINISH

AF111	OVERALL FINISH FLOOR PLAN	
AF211	ENLARGED FINISH FLOOR PLAN - AREA 1	
AF212	ENLARGED FINISH FLOOR PLAN - AREA 2	2
AF213	ENLARGED FINISH FLOOR PLAN - AREA 3	2
AF214	ENLARGED FINISH FLOOR PLAN - AREA 4	2
AF215	ENLARGED FINISH FLOOR PLAN - AREA 5	2
AF216	ENLARGED FINISH FLOOR PLAN - AREA 6	
AF711	ROOM FINISH SCHEDULE	2
AF712	FINISH CODE SCHEDULE	

WAYFINDING

AG111	OVERALL SIGNAGE FLOOR PLAN	2
AG112	SIGNAGE GENERAL NOTES	
AG211	ENLARGED SIGNAGE PLAN - AREA 1	
AG212	ENLARGED SIGNAGE PLAN - AREA 2	
AG213	ENLARGED SIGNAGE PLAN - AREA 3	
AG214	ENLARGED SIGNAGE PLAN - AREA 4	2
AG215	ENLARGED SIGNAGE PLAN - AREA 5	2
AG216	ENLARGED SIGNAGE PLAN - AREA 6	
AG511	SIGN TYPE ELEVATIONS	
AG512	SIGN TYPE ELEVATIONS	
AG513	SIGN TYPE ELEVATIONS	1
AG514	SIGN TYPE ELEVATIONS & DETAILS	2

STRUCTURAL

S001	ABBREVIATIONS SYMBOLS AND SHEET INDEX	
S002	STRUCTURAL GENERAL NOTES	
S003	STR NOTES CONT. AND COMPONENT WIND CRITERIA	
S210	OVERALL STRUCTURAL FLOOR PLANS	
S211	ENLARGED FOUNDATION PLAN - AREA 1	
S212	ENLARGED FOUNDATION PLAN - AREA 2	
S213	ENLARGED FOUNDATION PLAN - AREA 3	
S214	ENLARGED FOUNDATION PLAN - AREA 4	
S215	ENLARGED FOUNDATION PLAN - AREA 5	
S216	ENLARGED FOUNDATION PLAN - AREA 6	
S312	BUILDING SECTIONS	
S411	ENLARGED ROOF FRAMING PLAN - AREA 1	
S412	ENLARGED ROOF FRAMING PLAN - AREA 2	
S413	ENLARGED ROOF FRAMING PLAN - AREA 3	
S414	ENLARGED ROOF FRAMING PLAN - AREA 4	
S415	ENLARGED ROOF FRAMING PLAN - AREA 5	
S416	ENLARGED ROOF FRAMING PLAN - AREA 6	
S501	FOUNDATION SECTIONS AND DETAILS	
S502	MASONRY SECTIONS AND DETAILS	
S503	SECTIONS AND DETAILS	
S504	SECTIONS AND DETAILS	

MECHANICAL

M001	MECHANICAL SYMBOLS, NOTES AND INDEX	
M110	OVERALL MECHANICAL PLANS	
M211	ENLARGED MECHANICAL PLAN LEVEL 1 - AREA 1	
M212	ENLARGED MECHANICAL PLAN LEVEL 1 - AREA 2	
M213	ENLARGED MECHANICAL PLAN LEVEL 1 - AREA 3	
M214	ENLARGED MECHANICAL PLAN LEVEL 1 - AREA 4	
M215	ENLARGED MECHANICAL PLAN LEVEL 1 - AREA 5	
M216	ENLARGED MECHANICAL PLAN LEVEL 1 - AREA 6	
M310	MECHANICAL SCHEDULES	
M410	MECHANICAL DETAILS	
M411	MECHANICAL DETAILS	
M510	MECHANICAL CONTROLS	
M511	MECHANICAL CONTROLS	

PLUMBING

P001	PLUMBING SYMBOLS, LEGENDS, NOTES AND INDEX	
P110	OVERALL PLUMBING FLOOR PLANS	
P211	ENLARGED PLUMBING PLAN LEVEL 1 GRAVITY - AREA 1	
P212	ENLARGED PLUMBING PLAN LEVEL 1 GRAVITY - AREA 2	
P213	ENLARGED PLUMBING PLAN LEVEL 1 GRAVITY - AREA 3	
P214	ENLARGED PLUMBING PLAN LEVEL 1 GRAVITY - AREA 4	
P215	ENLARGED PLUMBING PLAN LEVEL 1 GRAVITY - AREA 5	
P216	ENLARGED PLUMBING PLAN LEVEL 1 GRAVITY - AREA 6	
P217	ENLARGED PLUMBING PLAN LEVEL 1 PRESSURE - AREA 1	
P218	ENLARGED PLUMBING PLAN LEVEL 1 PRESSURE - AREA 2	
P219	ENLARGED PLUMBING PLAN LEVEL 1 PRESSURE - AREA 3	
P220	ENLARGED PLUMBING PLAN LEVEL 1 PRESSURE - AREA 4	
P221	ENLARGED PLUMBING PLAN LEVEL 1 PRESSURE - AREA 5	
P222	ENLARGED PLUMBING PLAN LEVEL 1 PRESSURE - AREA 6	
P223	ENLARGED PLUMBING RESTROOM- GRAVITY	
P224	ENLARGED PLUMBING RESTROOM- PRESSURE	
P410	PLUMBING DETAILS	
P411	PLUMBING DETAILS	
P710	PLUMBING ISOMETRICS	
P711	PLUMBING ISOMETRICS	
P712	PLUMBING ISOMETRICS	
P713	PLUMBING ISOMETRICS	
P714	PLUMBING ISOMETRICS	

FIRE PROTECTION

FIRE PROTECTION

FP001	FIRE PROTECTION NOTES SHEET	
FP002	FIRE PROTECTION SITE PLAN	
FP100	FIRE PROTECTION FLOOR PLANS	
FP601	FIRE PROTECTION DETAILS	

ELECTRICAL

E000	ELECTRICAL LEGENDS, NOTES & ABBREVIATIONS	
E110	OVERALL ELECTRICAL FLOOR PLANS	
E211	ENLARGED FLOOR PLAN LEVEL 1 - AREA 1	
E212	ENLARGED FLOOR PLAN LEVEL 1 - AREA 2	1
E213	ENLARGED FLOOR PLAN LEVEL 1 - AREA 3	
E214	ENLARGED FLOOR PLAN LEVEL 1 - AREA 4	
E215	ENLARGED FLOOR PLAN LEVEL 1 - AREA 5	1
E216	ENLARGED FLOOR PLAN LEVEL 1 - AREA 6	
E220	ENLARGED FLOOR PLAN ROOF LEVEL	
E311	ENLARGED FLOOR PLAN LEVEL 1 - AREA 1	
E312	ENLARGED FLOOR PLAN LEVEL 1 - AREA 2	
E313	ENLARGED FLOOR PLAN LEVEL 1 - AREA 3	
E314	ENLARGED FLOOR PLAN LEVEL 1 - AREA 4	
E315	ENLARGED FLOOR PLAN LEVEL 1 - AREA 5	
E316	ENLARGED FLOOR PLAN LEVEL 1 - AREA 6	
E410	LIGHTNING AND GROUNDING PLAN	
E501	SINGLE LINE DIAGRAM - ELECTRICAL	
E601	SWITCHBOARD SCHEDULES	
E602	PANEL SCHEDULES	
E603	PANEL SCHEDULES	
E604	LIGHTING FIXTURE SCHEDULE	
E801	DETAILS - ELECTRICAL	
E802	DETAILS - ELECTRICAL 2	

FIRE ALARM

FA000	FIRE ALARM - LEGEND, SYMBOLS & ABBREVIATIONS	
FA001	FIRE ALARM - GENERAL NOTES	
FA110	OVERALL FLOOR PLANS	
FA211	ENLARGED FLOOR PLAN LEVEL 1 - AREA 1	
FA212	ENLARGED FLOOR PLAN LEVEL 1 - AREA 2	
FA213	ENLARGED FLOOR PLAN LEVEL 1 - AREA 3	
FA214	ENLARGED FLOOR PLAN LEVEL 1 - AREA 4	
FA215	ENLARGED FLOOR PLAN LEVEL 1 - AREA 5	
FA216	ENLARGED FLOOR PLAN LEVEL 1 - AREA 6	
FA511	SINGLE LINE DIAGRAM - FIRE ALARM	
FA810	DETAILS - FIRE DEVICE INSTALLATION	
FA811	DETAILS - FIRE ALARM WIRING	

SYSTEMS

T001	TELECOM NOTES, LEGEND AND ABBREVIATIONS	
T002	TELECOM RESPONSIBILTIY MATRIX LEGEND	
T110	OVERALL FLOOR PLANS	
T111	IDF DATA COVERAGE ZONE	
T211	ENLARGED FLOOR PLAN LEVEL 1 - AREA 1	
T212	ENLARGED FLOOR PLAN LEVEL 1 - AREA 2	
T213	ENLARGED FLOOR PLAN LEVEL 1 - AREA 3	
T214	ENLARGED FLOOR PLAN LEVEL 1 - AREA 4	
T215	ENLARGED FLOOR PLAN LEVEL 1 - AREA 5	
T216	ENLARGED FLOOR PLAN LEVEL 1 - AREA 6	
T411	ENLARGED ROOM PLANS - IDF	
T511	SINGLE LINE DIAGRAM - TECHNOLOGY	
T810	DATA OUTLET DETAILS	
T811	DETAILS - TECHNOLOGY	
T901	IDF W1266 RACK ELEVATION	
T902	IDF W1277 RACK ELEVATION	
TP001	PAGING NOTES, LEGEND AND ABBREVIATIONS	
TP110	OVERALL FLOOR PLANS	
TP211	ENLARGED FLOOR PLAN LEVEL 1 - AREA 1	
TP212	ENLARGED FLOOR PLAN LEVEL 1 - AREA 2	
TP213	ENLARGED FLOOR PLAN LEVEL 1 - AREA 3	
TP214	ENLARGED FLOOR PLAN LEVEL 1 - AREA 4	
TP215	ENLARGED FLOOR PLAN LEVEL 1 - AREA 5	
TP216	ENLARGED FLOOR PLAN LEVEL 1 - AREA 6	
TP511	SINGLE LINE DIAGRAM - PAGING	
TP811	DETAILS - PAGING	

SECURITY

TS001	SECURITY NOTES, LEGEND AND ABBREVIATIONS	
TS002	SECURITY RESPONSIBILITY MATRIX	
TS110	OVERALL FLOOR PLANS	
TS211	ENLARGED FLOOR PLAN LEVEL 1 - AREA 1	
TS212	ENLARGED FLOOR PLAN LEVEL 1 - AREA 2	
TS213	ENLARGED FLOOR PLAN LEVEL 1 - AREA 3	
TS214	ENLARGED FLOOR PLAN LEVEL 1 - AREA 4	
TS215	ENLARGED FLOOR PLAN LEVEL 1 - AREA 5	
TS216	ENLARGED FLOOR PLAN LEVEL 1 - AREA 6	
TS511	SINGLE LINE DIAGRAM - CCTV	
TS512	SINGLE LINE DIAGRAM - ACCESS CONTROL	
TS711	SCHEDULES - CCTV CAMERA	
TS712	SCHEDULES - DOOR ACCESS CONTROL	
TS811	DETAILS - SECURITY DOORS	
TS812	DETAILS - SECURITY CCTV	

NOTICE:
SCHEDULE(S) REVISED
WHEN THIS AREA IS CLOUDED
1
2

REVISION LEGEND

No.	Date	Issuance	Description
2	02-MAR-2021	ADDENDUM 002	Requests for Clarification
1	15-FEB-2021	ADDENDUM 001	DEPARTMENT OF GROWTH MANANGEMENT PLAN REVIEW RESULTS 1/12/21 & 1/28/21

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
ULM SOR-F19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002
1	15-FEB-2021	ADDENDUM 001

Project No.:	MLM-19672
Designed By:	MLM, MAM
Drawn By:	ST, CC, DM, CB
Checked By:	MAM
Issue Date:	30-NOV-2020
Drawing Scale:	NO SCALE

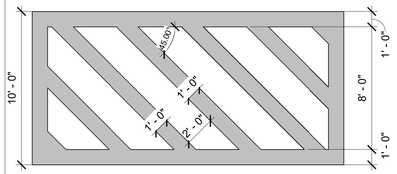
Drawing Title:

DRAWING INDEX

BID DOCUMENTS

Drawing No.:

G001



BASIS - FDOT SPEC P-620 PAVEMENT MARKINGS

E1 "PUBLIC WAY" MARKINGS

1/4" = 1'-0"

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

0 1' 2' 4' 8'

Paint					Glass Beads	
Type	Color	Mark	Fed Std. 595 Number	Application Rate Maximum	Type	Application Rate Minimum
III	YELLOW	Y	33538 or 33655	90 ft2/gal	III	8 lb/gal

Paint. Paint shall be waterborne in accordance with the requirements of this paragraph. Paint colors shall comply with Federal Standard No. 595. Waterborne. Paint shall meet the requirements of Federal Specification TT-P-1952F, Type III. The non-volatile portion of the vehicle for all paint types shall be composed of a 100% acrylic polymer as determined by infrared spectral analysis. The acrylic resin used for Type III shall be 100% cross linking acrylic as evidenced by infrared peaks at wavelengths 1568, 1624, and 1672 cm-l with intensities equal to those produced by an acrylic resin known to be 100% cross linking.

Reflective media. Glass beads for white paint shall meet the requirements for Federal Specification TT-B-1325D Type III .

Glass beads shall be treated with all compatible coupling agents recommended by the manufacturers of the paint and reflective media to ensure adhesion and embedment.

Materials acceptance. The Contractor shall furnish manufacturer's certified test reports, for materials shipped to the project. The certified test reports shall include a statement that the materials meet the specification requirements. This certification along with a copy of the paint manufacturer's surface preparation; marking materials, including adhesion, flow promoting and/or floatation additive; and application requirements must be submitted and approved by the Resident Project Representative (RPR) prior to the initial application of markings. The reports can be used for material acceptance or the RPR may perform verification testing. The reports shall not be interpreted as a basis for payment. The Contractor shall notify the RPR upon arrival of a shipment of materials to the site. All material shall arrive in sealed containers that are easily quantifiable for inspection by the RPR

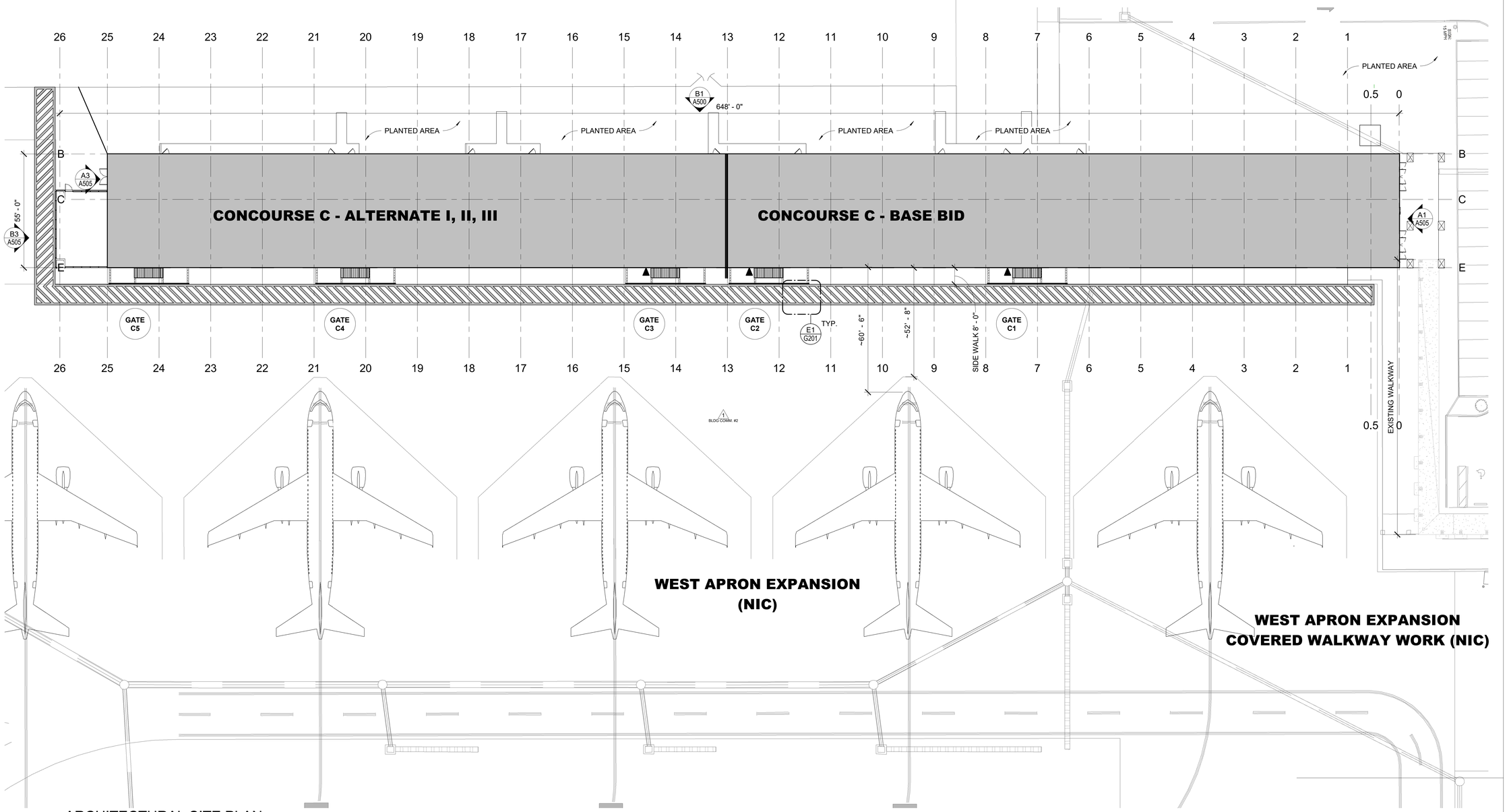
GENERAL SITE & FOD NOTES

1. AT ANY TIME THE CONTRACTOR HAS A CONCERN THAT THERE IS A CONFLICT WITH AIRCRAFT OPERATIONS, THE CONTRACTOR SHALL STOP OPERATIONS AND GIVE WAY TO THE AIRCRAFT MANEUVERING. AIRCRAFT ALWAYS HAVE THE RIGHT OF WAY ON THE AIRFIELD AND APRON AREA IN PARTICULAR.
2. THE CONTRACTOR SHALL PROVIDE DEDICATED FOD MONITORING OF ALL AREAS ADJACENT TO THE WORK AREA TO PREVENT ANY ACCUMULATION OF FOD IN AIRCRAFT OPERATIONS. SPECIFIC CLEANING OF ALL AIRCRAFT OPERATIONAL SURFACES WITHIN WORK AREA SHALL BE ACCOMPLISHED BY VACUUM SWEEPERS NOT MORE THAN ONE-HOUR PRIOR TO AIRLINE OPERATIONS AT THE BEGINNING OF EACH AIRLINE FLIGHT CYCLE (EACH MORNING).
3. DEBRIS, WASTE AND LOOSE MATERIAL SHALL NOT BE ALLOWED ON ACTIVE AIRCRAFT AREAS OF THE WORK AREA. IF OBSERVED TO BE ON ACTIVE AIRCRAFT AREAS OF THE WORK AREA, THE MATERIAL WILL BE REMOVED IMMEDIATELY BY THE CONTRACTOR. THE RPR MAY DIRECT THAT DEBRIS PROBLEMS DURING CONSTRUCTION NOT CORRECTED BY THE CONTRACTOR BE CORRECTED BY OTHERS AT THE EXPENSE OF THE CONTRACTOR. NO OPEN TOP DUMPSTER ARE ALLOWED IN THE PROJECT SITE OR STAGING AREAS. TRUCKS SHALL COVER THE LOADS FOR ALL MOVEMENTS ON THE AIRPORT AND HAUL ROUTE.
4. STOCKPILE EROSION AND DUST CONTROL - STOCKPILED MATERIAL AND OPEN EXCAVATIONS SHALL BE TREATED IN SUCH A MANNER AS TO PREVENT MOVEMENT RESULTING FROM AIRCRAFT BLAST OR WIND CONDITION IN EXCESS OF 10 KNOTS.

1 BLDG COMM. #2

2 RFC #37

PARKING LOT B EXPANSION (NIC)



WEST APRON EXPANSION (NIC)

WEST APRON EXPANSION COVERED WALKWAY WORK (NIC)

A1 ARCHITECTURAL SITE PLAN

1" = 20'-0"

SCALE: 1" = 20'-0"

0 5' 10' 20' 40'

NORTH

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002
1	15-FEB-2021	ADDENDUM 001

Project No.:	MLM-19672
Designed By:	MLM, MAM
Drawn By:	ST, CC, DM, CB
Checked By:	MAM
Issue Date:	30-NOV-2020
Drawing Scale:	1" = 20' - 0"

Drawing Title:

ARCHITECTURAL SITE PLAN

BID DOCUMENTS

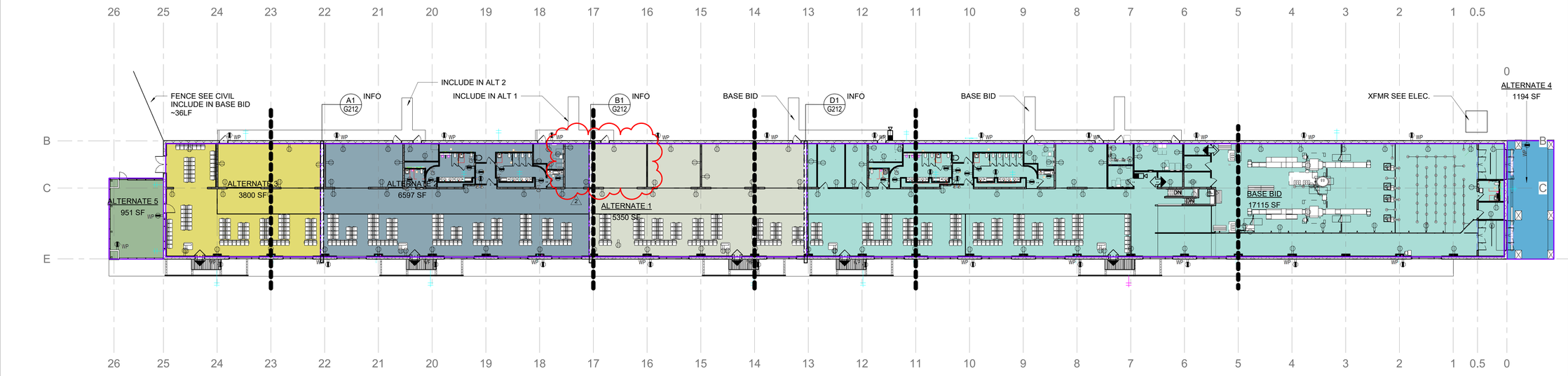
Drawing No.:

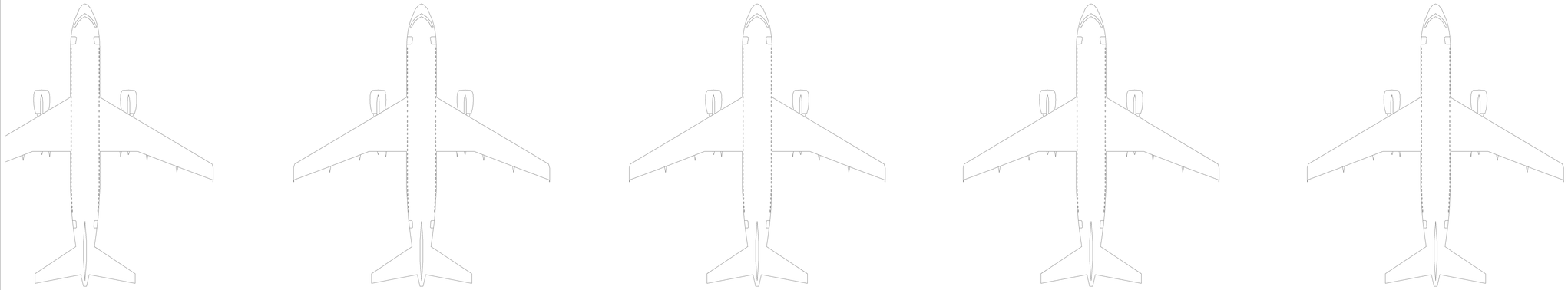
G201

477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:26:40 AM





B1 ALTERNATE IDENTIFICATION PLAN CONCOURSE LEVEL

1" = 20'-0"

NORTH

ALTERNATE LEGEND

- ALTERNATE 1
  Concessions, Holdrooms C3 :
  REF LINES 13-17
- ALTERNATE 2
  Concessions, Restroom Core 2,
  Holdroom C4: REF LINES 17-22
- ALTERNATE 3
  Holdroom C5: REF LINES 22-25
- ALTERNATE 4
  Covered Entry Canopy and Structure
  Only; Slab in Base Bid
- ALTERNATE 5
  Outdoor Seating Area (Concessions)
- BASE BID
  Entry, TSA Support, SSCP,
  Restroom Core 1, Holdroom C1 & C2:
  REF LINES 00-13

ALTERNATE 6
SUBSTITUTE "CALLA" HIGH CAC 50
24" X 24" X 1-3/4" CEILING TILE FOR **ACT1**
SEE **AF712**

ALTERNATE 7
SUBSTITUTE CT2 FOR GT1 AND GT2
SEE **A45X SERIES & AF712**

SCALE: 1" = 20'-0"
0 5' 10' 20' 40'

OKALOOSA COUNTY

FLY VPS

C19-2811- AP Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
ULM SOR-97-19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**1" = 20'-0"**

Drawing Title:

IDENTIFICATION OF ALTERNANTES

BID DOCUMENTS

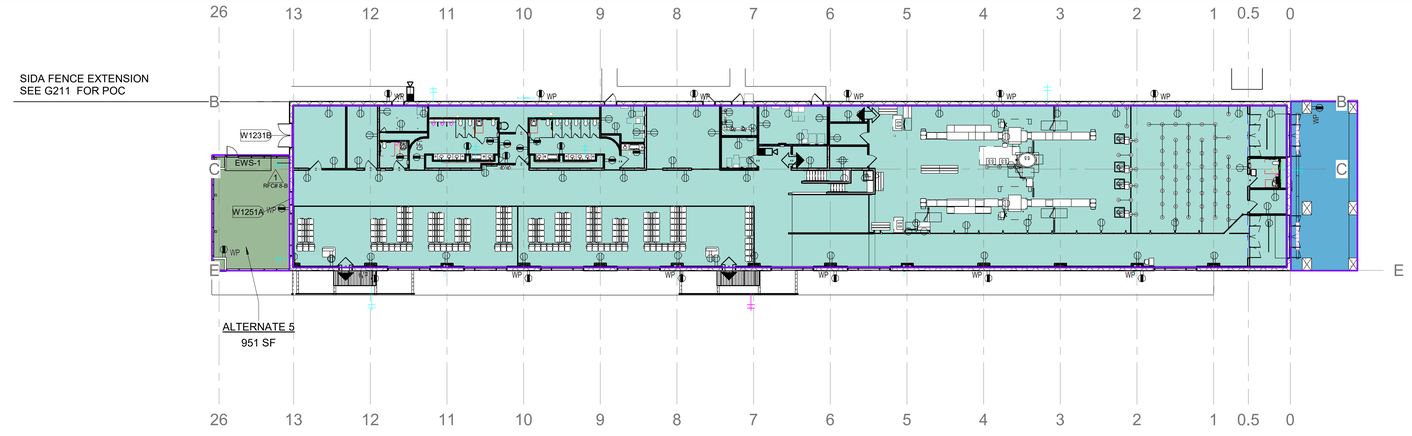
Drawing No.:

G211

477369-CIS-2020 & FNW-2021

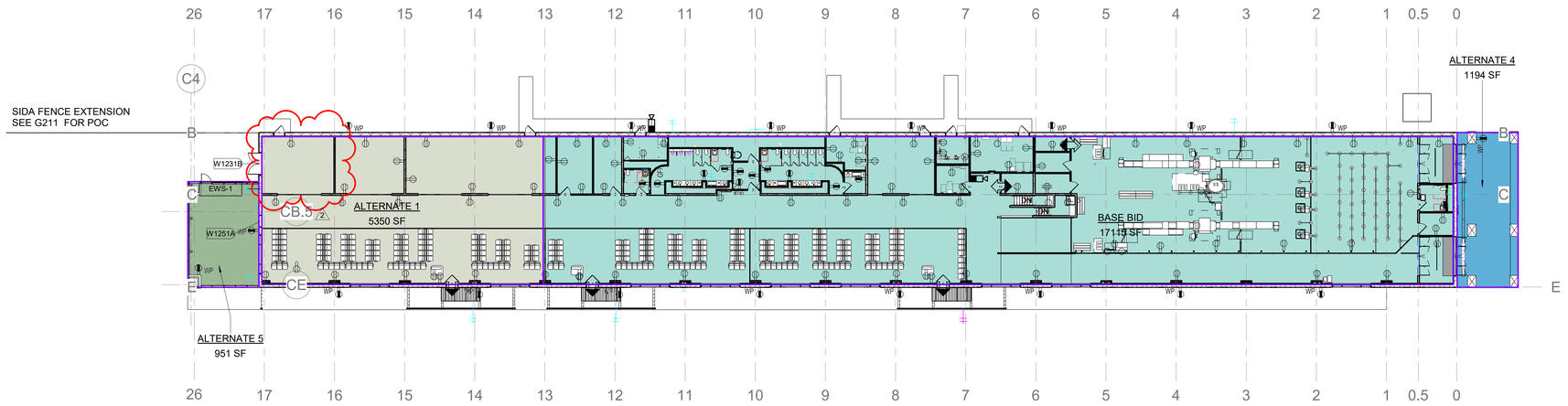
BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:26:54 AM



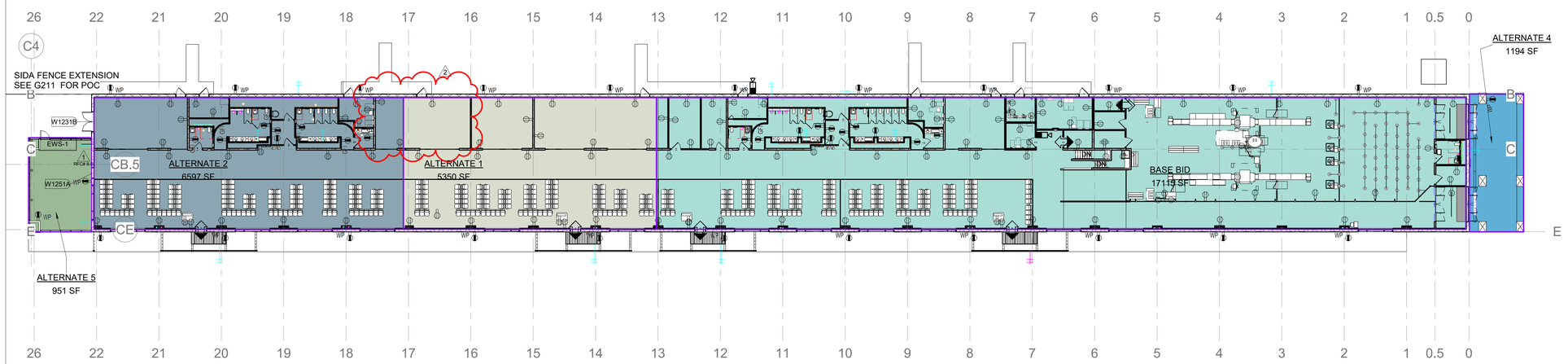
D1 ALTERNATE ILLUSTRATION BASE BID + ALTERNATES 4&5

1" = 20'-0"



B1 ALTERNATE ILLUSTRATION BASE BID + ALTERNATES 1,4&5

1" = 20'-0"



A1 ALTERNATE ILLUSTRATION BASE BID + ALTERNATES 1,2,4&5

1" = 20'-0"

SHEET PROVIDED FOR INFORMATION ONLY

SOUTH ELEVATION INCLUSIVE OF WINDOW, DOOR W1251A & W1231B ARE IN BASE BID. THESE ELEMENTS SHIFT SOUTHWARD AS OTHER ALTERNATES ARE EXECUTED

2 RFC #14

SCALE: 1" = 20'-0"

0 5' 10' 20' 40'

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
ULM SOR-F19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002
1	15-FEB-2021	ADDENDUM 001

Project No.:	MLM-19672
Designed By:	MLM, MAM
Drawn By:	ST, CC, DM, CB
Checked By:	MAM
Issue Date:	30-NOV-2020
Drawing Scale:	1" = 20'-0"

Drawing Title:

ILLUSTRATED ALTERNATE EXECUTION

BID DOCUMENTS

Drawing No.:

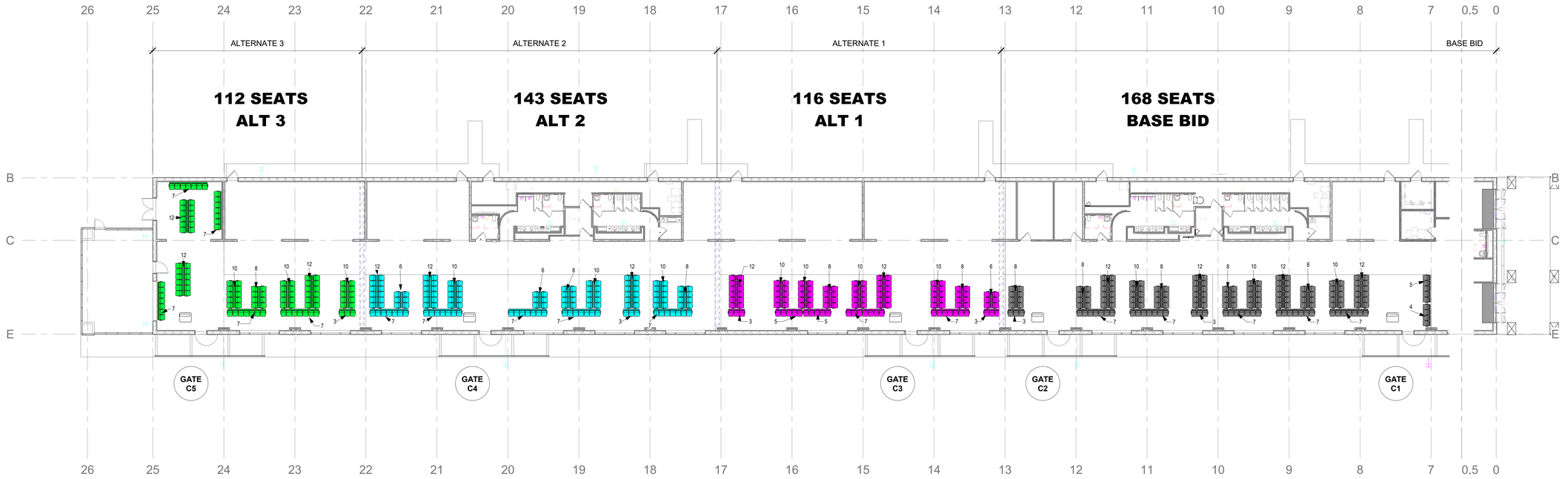
G212

477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:27:15 AM

SHEET PROVIDED FOR INFORMATION ONLY



C1 SEATING ALLOWANCE PLAN

1/16" = 1'-0"

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MLM SOB #19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	MLM-19672
Designed By:	MAM
Drawn By:	MAM
Checked By:	MAM
Issue Date:	02-mar-2021
Drawing Scale:	1/16" = 1'-0"

Drawing Title:

SEATING ALLOWANCE

BID DOCUMENTS

Drawing No.:

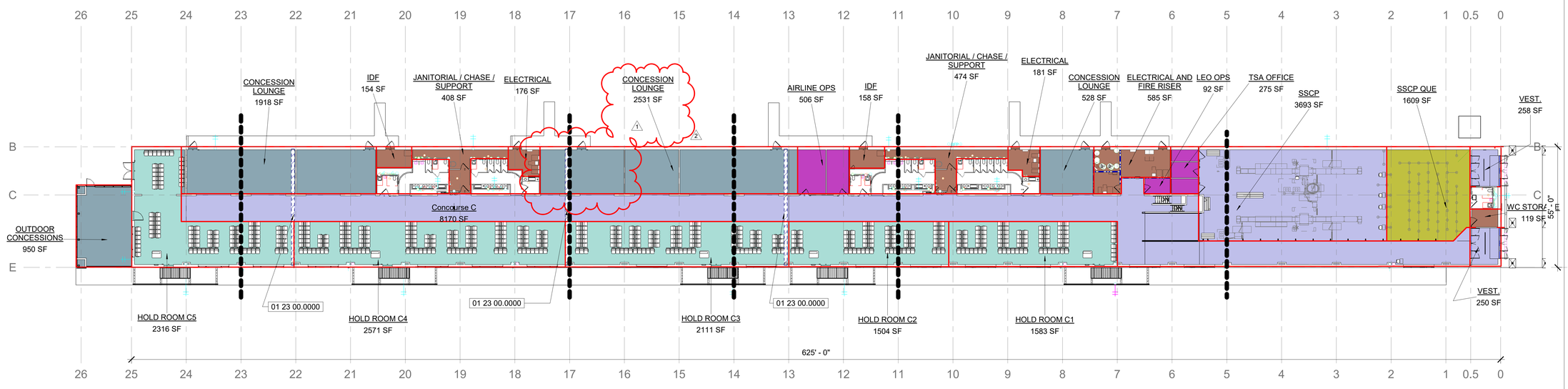
G221

2
APC #3

477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:27:29 AM



D1 OVERALL OCCUPANCY FUNCTION PLAN

1" = 20'-0"

SCALE: 1" = 20'-0"

0 5' 10' 20' 40'

NORTH

FUNCTION LEGEND

300 SF	Accesory storage areas, mechanical equipment room
100 SF	Buisness Areas
100 SF	Concourse
5 SF	Standing Space Concentrated
15 SF	Unconcentrated (tables and chairs)
15 SF	Waiting areas

OCCUPANT LOAD (FBC TABLE 1004.1.2)

REV	Name	Area	Occ Function	Occ Load Factor	Occupant Count
	HOLD ROOM C5	2316 SF	Waiting areas	15 SF	155
	HOLD ROOM C4	2571 SF	Waiting areas	15 SF	172
	HOLD ROOM C3	2111 SF	Waiting areas	15 SF	141
	HOLD ROOM C2	1504 SF	Waiting areas	15 SF	101
	HOLD ROOM C1	1583 SF	Waiting areas	15 SF	106
	AIRLINE OPS	506 SF	Buisness Areas	100 SF	6
	LEO OPS	92 SF	Buisness Areas	100 SF	1
Yes 2	CONCESSION LOUNGE	2531 SF	Unconcentrated (tables and chairs)	15 SF	169
	CONCESSION LOUNGE	528 SF	Unconcentrated (tables and chairs)	15 SF	36
Yes 2	Concourse C	8170 SF	Concourse	100 SF	82
	SSCP QUE	1609 SF	Standing Space Concentrated	5 SF	322
	IDF	154 SF	Accesory storage areas, mechanical equipment room	300 SF	1
	IDF	158 SF	Accesory storage areas, mechanical equipment room	300 SF	1
	SSCP	3693 SF	Concourse	100 SF	37
	ELECTRICAL AND FIRE RISER	585 SF	Accesory storage areas, mechanical equipment room	300 SF	2
	WC STORAGE	119 SF	Accesory storage areas, mechanical equipment room	300 SF	1
	VEST.	258 SF	Concourse	100 SF	3
	VEST.	250 SF	Concourse	100 SF	3
	TSA OFFICE	275 SF	Buisness Areas	100 SF	3

REV	Name	Area	Occ Function	Occ Load Factor	Occupant Count
	ELECTRICAL	181 SF	Accesory storage areas, mechanical equipment room	300 SF	1
	JANITORIAL / CHASE / SUPPORT	474 SF	Accesory storage areas, mechanical equipment room	300 SF	2
	ELECTRICAL	176 SF	Accesory storage areas, mechanical equipment room	300 SF	1
	JANITORIAL / CHASE / SUPPORT	408 SF	Accesory storage areas, mechanical equipment room	300 SF	2
	CONCESSION LOUNGE	1918 SF	Unconcentrated (tables and chairs)	15 SF	128
	OUTDOOR CONCESSIONS	950 SF	Unconcentrated (tables and chairs)	15 SF	64
		33118 SF			1540

NOTICE:
SCHEDULE(S) REVISED
WHEN THIS AREA IS CLOUDED

2

KEYNOTES

NO.	
01 23 00.0000	LIMITS OF ALTERNATE WORK, SEE SPECIFICATIONS FOR MORE INFORMATION.

OTHER LIFE SAFETY PLANS

SEE **AL710** - COMPREHENSIVE LIFE SAFETY PLAN

SEE **AL211** - FOR EGRESS PLAN W/ TRAVEL DISTANCES

1 FIRE COMM. #1

OKALOOSA COUNTY

FLY VPS

C19-2811- AP Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
ELM SOR-F19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002
1	15-FEB-2021	ADDENDUM 001

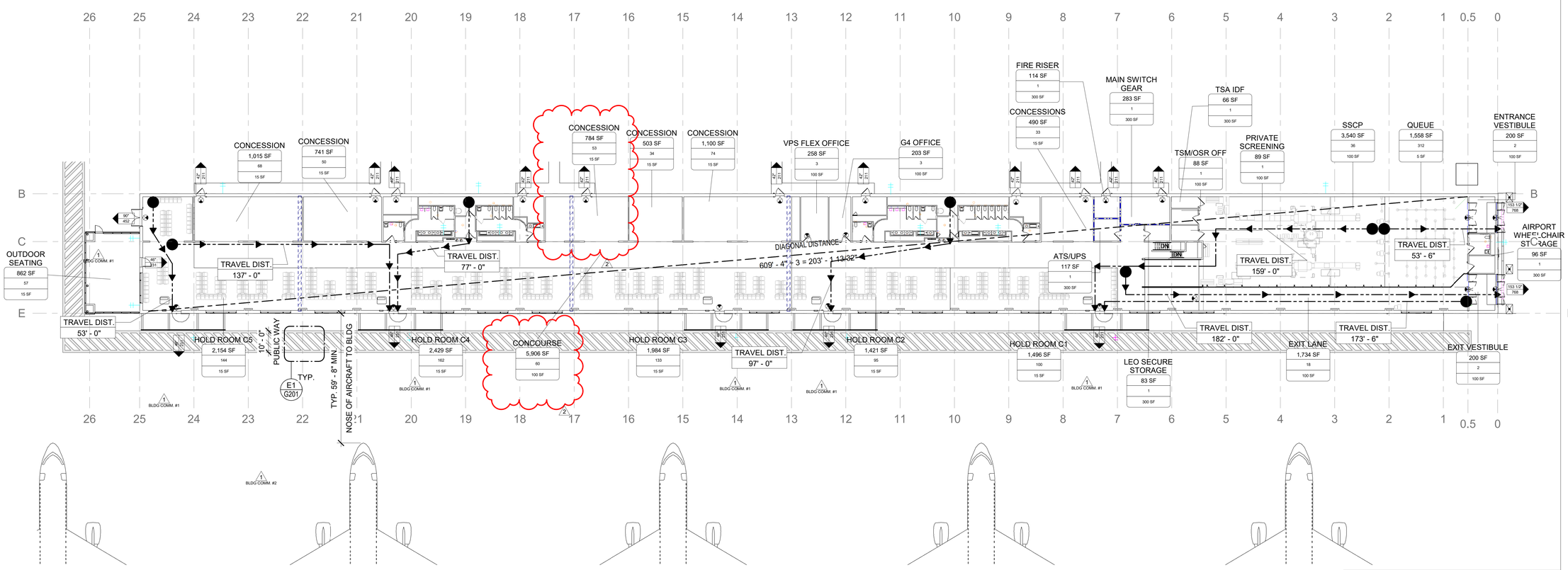
Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**1" = 20'-0"**

Drawing Title:
FUNCTIONAL USE & OCCUPANT LOAD PLAN
BID DOCUMENTS

Drawing No.:
AL111

1

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt
3/2/2021 9:25:32 AM



D1 OVERALL EGRESS PLAN

1" = 20'-0"

DISTANCE LIMITATIONS

OCCUPANCY	MAXIMUM TRAVEL DISTANCE TO EXIT (FBC TABLE 1017.2)	MAXIMUM DEAD-END CORRIDOR LENGTH (FBC TABLE 1020.4)	MAXIMUM COMMON PATH OF TRAVEL (FBC TABLE 1006.2.1)
ASSEMBLY (A)	250'	20'	75'
BUSINESS (B)	300'	50' (1020.4(2))	100'
MERCANTILE (M)	250'	50' (1020.4(2))	75'

QUANTITY OF MEANS OF EGRESS

FBC 1006.3.1 MINIMUM NUMBER OF EXITS REQUIRED: 4
NUMBER OF EXITS PROVIDED: 8

OTHER LIFE SAFETY PLANS

SEE **AL710** - COMPREHENSIVE LIFE SAFETY PLAN

SEE **AL111** - FOR OCCUPANCY AND USE FUNCTION PLAN

FIRE COMM. #1

EGRESS PLAN LEGEND

IN 000 — **CAPACITY OF EGRESS COMPONENT**
DIRECTION OF TRAVEL
CLEAR WIDTH
CAPACITY PER FBC§1005.3.2

Name / 150 SF / Occ Load / SF — **ROOM OCCUPANT LOAD FBC§1005.3**
AREA OF ROOM/SPACE
REQ'D OCCUPANT LOAD CAPACITY
OCCUPANT LOAD FACTOR FBC§ 1004.1.2 - SEE SHEET **AL111**

TRAVEL DIST. 0' - 0" — **EXIT TRAVEL DISTANCE FBC§1017.2**
TRAVEL DISTANCE
POINT OF BEGINNING
POINT OF DISCHARGE
PATH OF TRAVEL

DIAGONAL DISTANCE 15' - 0" ÷ 3 = 5' - 0" — **DOORWAY CONFIG. FBC§1007.1.1**
MEASURABLE DISTANCE
MINIMUM DISTANCE BETWEEN EXITS
FBC§1007.1.1-EXCEPTION 2

EXIT SIGN FBC §1013
ILLUMINATED FACE FBC §1013.3
DIRECTIONAL GRAPHICS

SCALE: 1" = 20'-0"
0 5' 10' 20' 40'

BLDG COMM. #1

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002208
ELD SOH-F19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002
1	15-FEB-2021	ADDENDUM 001

Project No.:	MLM-19672
Designed By:	MLM, MAM
Drawn By:	ST, CC, DM, CB
Checked By:	MAM
Issue Date:	30-NOV-2020
Drawing Scale:	1" = 20'-0"

Drawing Title:

EGRESS PLAN

BID DOCUMENTS

Drawing No.:

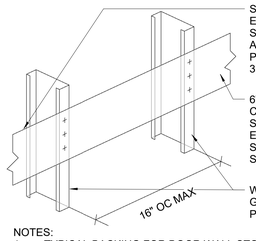
AL211

477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

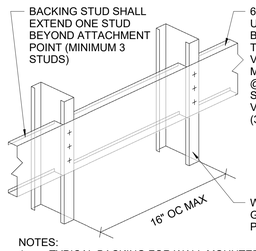
3/2/2021 9:25:43 AM

WALL BLOCKING



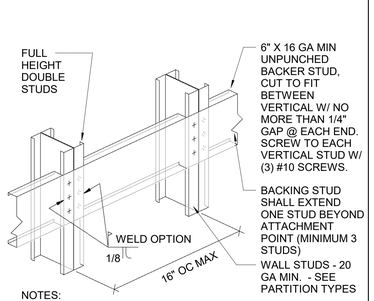
NOTES:
1. TYPICAL BACKING FOR DOOR WALL STOPS, COAT HOOKS, MOP RACKS, & LIGHT WEIGHT ACCESSORIES
2. THIS DETAIL MAY BE USED WHEN THE LENGTH OF THE CABINET OR EQUIPMENT DISTRIBUTES UP TO 30 LBS PER STUD SPACING.
3. 2x6 MIN. FR WOOD BLOCKING MAY BE USED IN PLACE OF METAL BACKING.

WALL BLOCKING - LIGHT (UNDER 30 LBS)



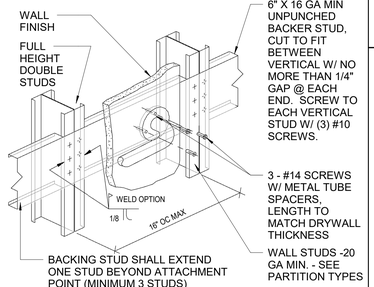
NOTES:
1. TYPICAL BACKING FOR WALL MOUNTED HANDRAILS, LIGHT FIXTURES, AND PATIENT SERVICE MODULES
2. THIS DETAIL MAY BE USED WHEN THE LENGTH OF THE CABINET OR EQUIPMENT DISTRIBUTES UP TO 50 LBS PER STUD SPACING.
3. 2x6 MIN. FR WOOD BLOCKING MAY BE USED IN PLACE OF METAL BACKING.

WALL BLOCKING - MEDIUM (31 LBS - 50 LBS)



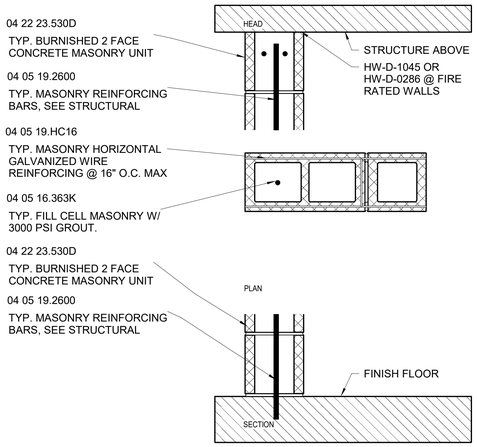
NOTES:
1. TYP. BACKING FOR WALL MOUNTED TOILET PARTITIONS, WALL MOUNTED COUNTERS AND LAVATORIES, AND WALL/FLOOR MOUNTED CASEWORK
2. THIS DETAIL MAY BE USED WHEN THE LENGTH OF THE CABINET OR EQUIPMENT DISTRIBUTES UP TO 150 LBS PER STUD SPACING.
3. DOUBLE STUDS NOT REQUIRED IF WALL IS BRACED AT 9'-0" MAX. A.F.F.
4. 2x6 MIN. FR WOOD BLOCKING MAY BE USED IN PLACE OF METAL BACKING.

WALL BLOCKING - HEAVY (51 LBS - 150 LBS)



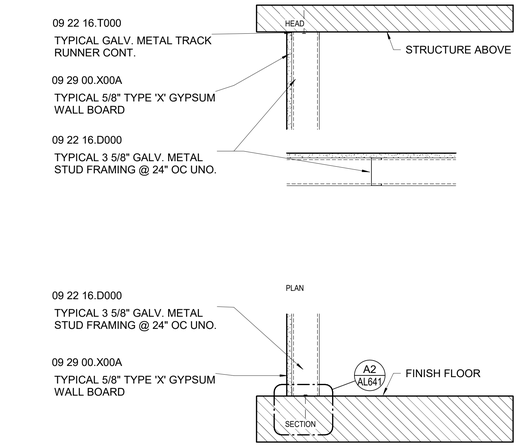
NOTES:
1. TYPICAL BACKING FOR GRAB BARS
2. DOUBLE STUDS NOT REQ'D IF WALL IS BRACED @ 9'-0" MAX. A.F.F.
3. 2x6 MIN. FR WOOD BLOCKING MAY BE USED IN PLACE OF METAL BACKING.

WALL BLOCKING - VERY HEAVY (151 LBS - 250 LBS)



D2 [B] WALL SYSTEM

1 1/2" = 1'-0"



D3 [F1] WALL SYSTEM

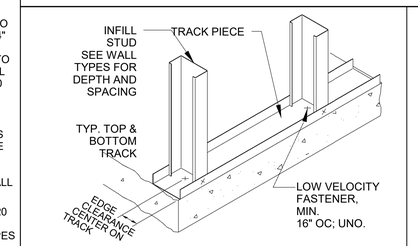
1 1/2" = 1'-0"

B2 [G2] WALL SYSTEM

1 1/2" = 1'-0"

B3 [M] WALL SYSTEM

1 1/2" = 1'-0"

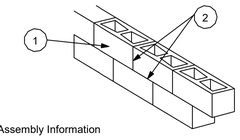


A2 TYP. FASTENER DETAIL

N.T.S.

BLOCK CALCULATIONS

WALL RATING - 1 HR.



Assembly Information
1. Preferred product 910635 c.m.u. 8" x 8" x 16" nominal
2. ASTM C-270 Masonry Mortar, Type M or S. Face Shell or full mortar bedding as required.
3. Masonry grout, reinforcing steel, joint reinforcement, anchors, ties and accessories (Not depicted above - optional). Use where specified.

Preferred Materials Inc. accepts no responsibility for proper application of the rated wall assembly above, or responsibility for the construction of such assemblies.

Concrete Masonry Unit
§721.3.2 of the Florida Building Code

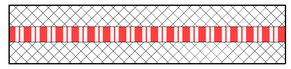
Unit Description:	**910635**
Size W x H x L Nominal:	**8 x 8 x 16**
Equivalent Thickness Inches:	**3.6**
Fire Rating Minutes:	**95.5***

* *Linear interpolation from table 721.3.2 of the Florida Building Code for Exposed Finish Block Mix -- 55% Limestone & 45% Siliceous Aggregates.*

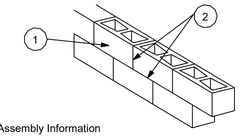
Acoustical Properties

Unit Description:	**910635**
Unit Weight in Pounds (lbs.):	**32**
lbs./SF:	**36.08**
STC Rating:	**47.8****

** *STC Rating based on minimum lbs./SF required to archive Sound Transmission Class as Defined by the National Concrete Masonry Association. Rating Value interpolated from nown weights of STC Ratings.*



WALL RATING - 2 HR.



Assembly Information
1. Preferred product 910505 c.m.u. 8" x 8" x 16" nominal
2. ASTM C-270 Masonry Mortar, Type M or S. Face Shell or full mortar bedding as required.
3. Masonry grout, reinforcing steel, joint reinforcement, anchors, ties and accessories (Not depicted above - optional). Use where specified.

Preferred Materials Inc. accepts no responsibility for proper application of the rated wall assembly above, or responsibility for the construction of such assemblies.

Concrete Masonry Unit
§721.3.2 of the Florida Building Code

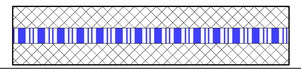
Unit Description:	**910505**
Size W x H x L Nominal:	**8 x 8 x 16**
Equivalent Thickness Inches:	**4.1**
Fire Rating Minutes:	**120.5***

* *Linear interpolation from table 721.3.2 of the Florida Building Code for Exposed Finish Block Mix -- 55% Limestone & 45% Siliceous Aggregates.*

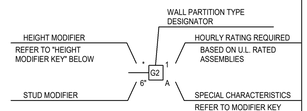
Acoustical Properties

Unit Description:	**910505**
Unit Weight in Pounds (lbs.):	**38**
lbs./SF:	**42.84**
STC Rating:	**49.8****

** *STC Rating based on minimum lbs./SF required to archive Sound Transmission Class as Defined by the National Concrete Masonry Association. Rating Value interpolated from nown weights of STC Ratings.*



PARTITION MARK



WALL PARTITION TYPES

B = BURNISHED (NCA TYPE GRF) ARCHITECTURAL MASONRY UNIT

F# = GYP BD ON FURRING (# DESIGNATES TOTAL LAYERS OF GYP BD)

G# = GYP BD ON METAL STUDS (# DESIGNATES TOTAL LAYERS OF GYP BD)

M = CONCRETE MASONRY UNIT

P = PROJECTILE RESISTANT PARTITIONS

S = GYPSUM BOARD SHAFT WALL

V = "BURNISHED" GROUND FACE ARCHITECTRUAL CMU - "GRF" CMA DESIGNATION

Z = GYPSUM BOARD ON METAL ZEE FURRING

HEIGHT MODIFIER KEY

(NO MODIFIER) = EXTEND ENTIRE WALL ASSEMBLY FROM FLOOR SLAB TO STRUCTURAL DECK ABOVE

P = EXTEND ENTIRE WALL ASSEMBLY FROM FINISH FLOOR TO 5'-8" ABOVE FINISH FLOOR ELEVATION ("HOLDROOM")

Q = EXTEND ENTIRE WALL ASSEMBLY FROM FINISH FLOOR TO 7'-0" ABOVE FINISH FLOOR ELEVATION ("HOLDROOM")

R = EXTEND ENTIRE WALL ASSEMBLY FROM FINISH FLOOR TO 8'-2" ABOVE FINISH FLOOR ELEVATION ("HOLDROOM")

T = EXTEND ENTIRE WALL ASSEMBLY FROM FINISH FLOOR TO STRUCTURAL DECK ABOVE (BRACE AS REQUIRED) - GWB/MWB MAY STOP 8" ABOVE FINISH CEILING

V = EXTEND ENTIRE WALL ASSEMBLY FROM **12'-0"** ABOVE FINISH FLOOR TO STRUCTURAL DECK ABOVE (BRACE AS REQUIRED)

W = EXTEND ENTIRE WALL ASSEMBLY FROM FLOOR SLAB TO **12'-0"** ABOVE FINISH FLOOR (BRACE AS REQUIRED)

X = EXTEND ENTIRE WALL ASSEMBLY FROM FLOOR SLAB TO **6"** ABOVE FINISH CEILING (BRACE AS REQUIRED)

Y = EXTEND STRUCTURE TO DECK ABOVE HOLD STUD AND GWB TO **3'-0"** ABOVE FINISH CEILING (BRACE AS REQUIRED)

Z = EXTEND ENTIRE WALL ASSEMBLY FROM FLOOR SLAB TO **1' - 4"** ABOVE FINISH CEILING (BRACE AS REQUIRED)

FIRE RATING MODIFIER KEY

(NO MODIFIER) = NO FIRE RATING

1, 2, 3, ETC. = PARTITION FIRE RATING (IN HOURS)

WALL DEPTH MODIFIER KEY

CAST IN PLACE CONCRETE:
CONCRETE MASONRY UNIT:
NO MODIFIER = 8" CMU
4, 6, 8,12 = CMU DEPTH (NOMINAL DIMENSION IN INCHES)

METAL STUDS:
NO MODIFIER = 3 5/8"
1.6 = 1- 5/8", 2.5 = 2-1/2", 4 = 4", 6 = 6", 8 = 8"

SHAFT WALL STUDS:
NO MODIFIER = 4"
2.5 = 2-1/2"

SPECIAL CHARACTERISTIC MODIFIER KEY

(NO MODIFIER) = NO SPECIAL CHARACTERISTIC

A = ACOUSTICAL

L = LEAD-SHIELDED

M = ABUSE-RESISTANT GYPSUM BOARD ONE-SIDE TO 8' - 0" AFF UNO

N = ABUSE-RESISTANT GYPSUM BOARD EACH SIDE TO 8' - 0" AFF UNO

P = PROJECTILE RESISTANT

R = SECURITY FENCING EXTENDING FROM ACCESS FLOOR TO FLOOR SLAB BELOW & FROM ABOVE CEILING TO STRUCTURAL DECK ABOVE

S = SECURITY FENCING ABOVE PARTITION TO STRUCTURAL DECK ABOVE

T = THERMALLY INSULATED

U = SPILL CONTAINMENT CURB

V = SECURITY FENCING EXTENDING FROM ACCESS FLOOR TO FLOOR SLAB BELOW

PARTITION TYPE NOTES

1. ALL INTERIOR STUDS SHALL WITHSTAND A LATERAL LOAD OF NOT LESS THAN 5 LBS/FT ². DEPTH OF STUDS OR WIDTH OF MASONRY SHALL NOT BE INCREASED OR DECREASED FROM THAT SHOWN ON THE DRAWINGS. IN ORDER TO ACCOMMODATE THE REQUIRED LATERAL LOAD FOR LONG SPAN PARTITIONS THAT DO NOT EXTEND TO STRUCTURE ABOVE, THE CONTRACTOR MAY MODIFY THE PARTITION USING ANY, OR ANY COMBINATION, OF THE FOLLOWING METHODS:

A. BRACE STUDS DIAGONALLY TO STRUCTURAL DECK ABOVE SUSPENDED CEILING:
B. INCREASE THICKNESS (GAGE) OF METAL STUDS;
C. PROVIDE ADDITIONAL REINFORCEMENT; AND/ OR
D. DECREASE SPACING OF METAL STUDS.

2. REFER TO FINISH SCHEDULE FOR WALL BASE, CERAMIC TILE, FRP OR ANY OTHER FINISH TO BE APPLIED TO WALL SURFACE.

LIFE SAFETY LEGEND

RATED FIRE PARTITIONS
1 = 1 HOUR FIRE PARTITION
2 = 2 HOUR FIRE PARTITION

SCALE: 1 1/2" = 1'-0"

0 2" 4" 8" 16"

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MLM SOB 07-19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**AS NOTED**

Drawing Title:

INTERIOR PARTITION TYPES

BID DOCUMENTS

Drawing No.:

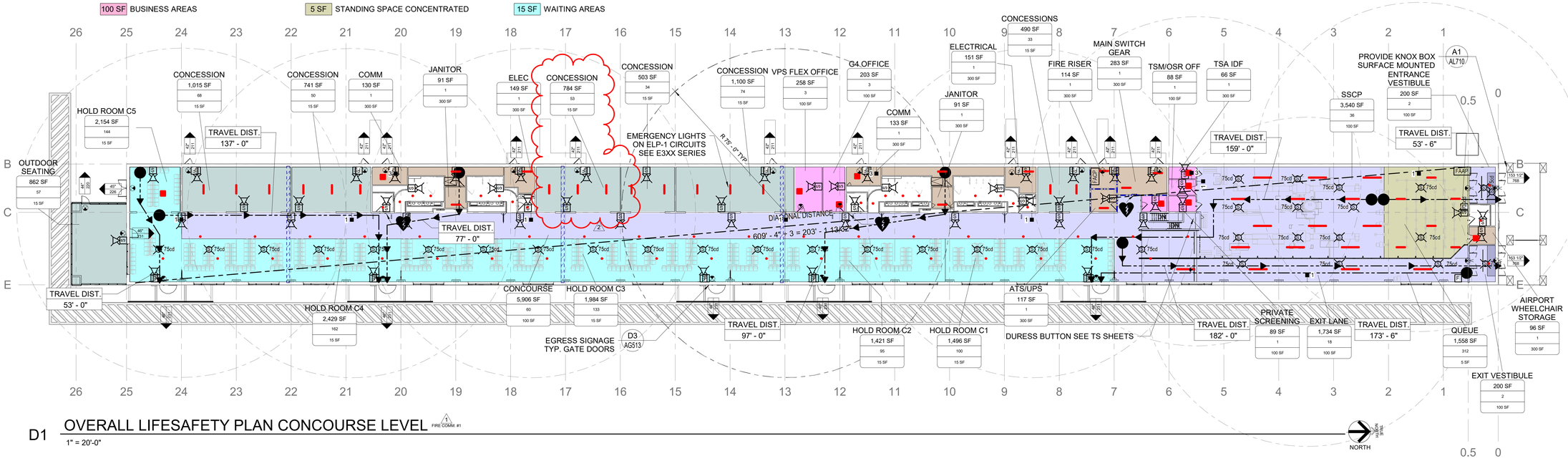
AL641

477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:25:50 AM

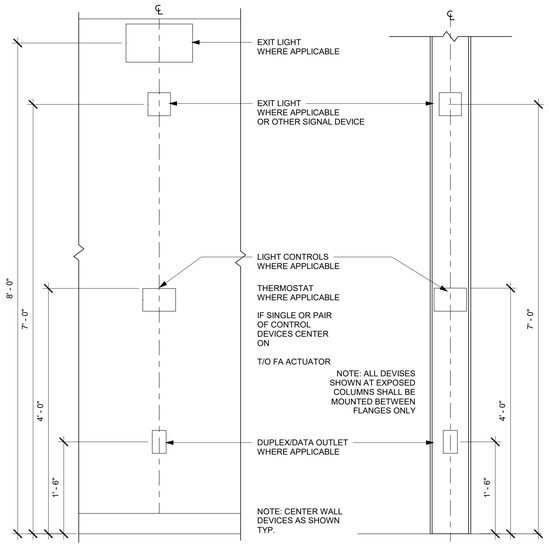
300 SF	ACCESORY STORAGE AREAS, MEC. EQUIP. ROOM	100 SF	CONCOURSE
100 SF	BUSINESS AREAS	5 SF	STANDING SPACE CONCENTRATED
15 SF	UNCONCENTRATED (TABLES AND CHAIRS)	15 SF	WAITING AREAS



D1 OVERALL LIFESAFETY PLAN CONCOURSE LEVEL

1 FIRE COMM. #1

1" = 20'-0"



B5 WALL DEVICES

N.T.S.

EGRESS PLAN LEGEND

CAPACITY OF EGRESS COMPONENT
- DIRECTION OF TRAVEL
- CLEAR WIDTH
- CAPACITY PER FBC§1005.3.2

ROOM OCCUPANT LOAD FBC§1005.3
- AREA OF ROOM/SPACE
- REQ'D OCCUPANT LOAD CAPACITY
- OCCUPANT LOAD FACTOR FBC§ 1004.1.2 - SEE SHEET **AL111**

EXIT TRAVEL DISTANCE FBC§1017.2
- TRAVEL DISTANCE
- POINT OF BEGINNING
- POINT OF DISCHARGE
- PATH OF TRAVEL

DOORWAY CONFIG. FBC§1007.1.1
- MEASURABLE DISTANCE
- MINIMUM DISTANCE BETWEEN EXITS
- FBC§1007.1.1-EXCEPTION 2

EXIT SIGN FBC §1013
- ILLUMINATED FACE FBC §1013.3
- DIRECTIONAL GRAPHICS

1 FIRE COMM. #1

FAS SYMBOLS

- MANUAL PULL STATION SEE FA SHEETS
- AUDIO/VISUAL DEVICE SEE FA SHEETS
- AED CABINENT, SEE SPECIFICATIONS

1 FIRE COMM. #1

OTHER LIFE SAFETY PLANS

SEE **AL111** - FOR OCCUPANCY AND USE FUNCTION PLAN

SEE **AL211** - FOR EGRESS PLAN W/ TRAVEL DISTANCES

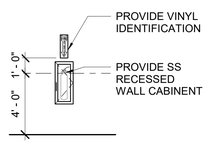
EXTINGUISHER NOTES

FIRE EXTINGUISHERS SHALL BE PROVIDED THROUGHOUT IN ACCORDANCE WITH NFPA 10, NFPA 1, FFPC SIXTH EDITION, AS FOLLOWS:

A. FIRE EXTINGUISHERS SHALL NOT BE OBSTRUCTED OR OBSCURED FROM VIEW.
B. FIRE EXTINGUISHERS (40 LB. OR LESS) SHALL BE INSTALLED SO THAT THE TOP OF THE FIRE EXTINGUISHER IS NOT MORE THAN 5 FT. ABOVE THE FLOOR.
C. EXTINGUISHER'S OPERATING INSTRUCTIONS SHALL BE LOCATED ON THE FRONT OF THE EXTINGUISHER AND SHALL BE CLEARLY VISIBLE.
D. FIRE EXTINGUISHERS LOCATED IN CABINETS OR WALL RECESSES MUST BE PLACED WITH THE EXTINGUISHER OPERATING INSTRUCTIONS FACING OUTWARD.
E. MAXIMUM TRAVEL DISTANCE TO ANY EXTINGUISHER SHALL BE 75 FEET, FOR CLASS A HAZARD AREAS.

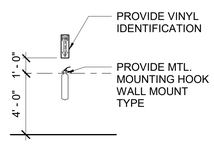
1 FIRE COMM. #1

EXTINGUISHER TYPE



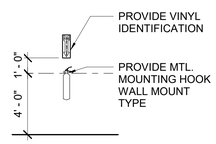
TYPE 1 ■1

MULTIPURPOSE DRY-CHEMICAL TYPE: UL RATED 4-A 80-B:C, 10 LB NOMINAL CAPACITY, IN ENAMILED STEEL CONTAINER. RECESSED CAB.



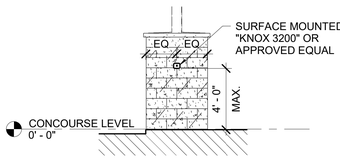
TYPE 2 ■2

MULTIPURPOSE DRY-CHEMICAL TYPE: UL RATED 4-A 80-B:C, 10 LB NOMINAL CAPACITY, IN ENAMILED STEEL CONTAINER.



TYPE 3 ■3

REGULAR DRY-CHEMICAL TYPE: UL RATED 60-B:C, 10LB NOMINAL CAPACITY, IN ENAMELED-STEEL CONTAINER.



A1 LOCK BOX LOCATION

1/4" = 1'-0"

SCALE: 1/4" = 1'-0"
0 1' 2' 4' 8'

SCALE: 1" = 20'-0"
0 5' 10' 20' 40'

OKALOOSA COUNTY

FLY VPS

C19-2811- AP Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MLM SOB-F19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002
1	15-FEB-2021	ADDENDUM 001

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**AS NOTED**

Drawing Title:

LIFE SAFETY PLAN

BID DOCUMENTS

Drawing No.:

AL710

1

477369-CIS-2020 & FNW-2021

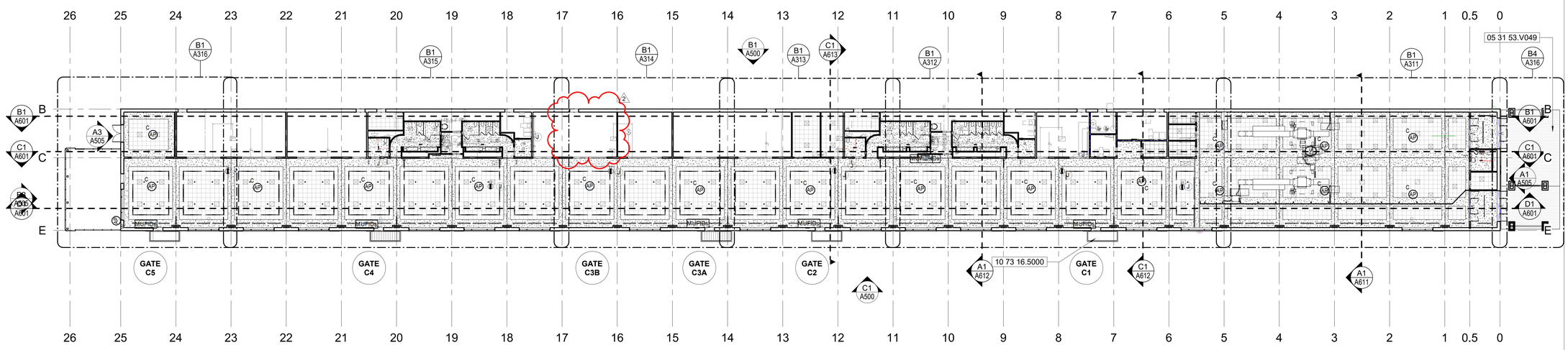
BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:26:07 AM

D1 OVERALL PLAN CONCOURSE LEVEL

1" = 20'-0"

NORTH



A1 OVERALL CEILING PLAN CONCOURSE LEVEL

1" = 20'-0"

NORTH

KEYNOTES

NO.	
05 31 53.V049	TYP. 4" DOVETAIL G-90 GALV. STEEL ARCHITECTURALLY EXPOSED DECK. BASIS OF DESIGN: EPIC TORIS 4 - CANOPY.
10 73 16.5000	TYP. PREMANUFACTURED ALUMINUM CANOPY SYSTEM. PROVIDE SIGNED & SEALED CALCULATIONS/SHOPDRAWINGS COMPLYING W/ STRUCTURAL DESIGN LOADS.
32 16 23.0405	TYP. 4" BROOM FINISHED CONCRETE SIDEWALK.

SCALE: 1" = 20'-0"

0 5' 10' 20' 40'

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	MLM-19672
Designed By:	MLM, MAM
Drawn By:	ST, CC, DM, CB
Checked By:	MAM
Issue Date:	30-NOV-2020
Drawing Scale:	1" = 20'-0"

Drawing Title:

OVERALL CONCOURSE PLANS

BID DOCUMENTS

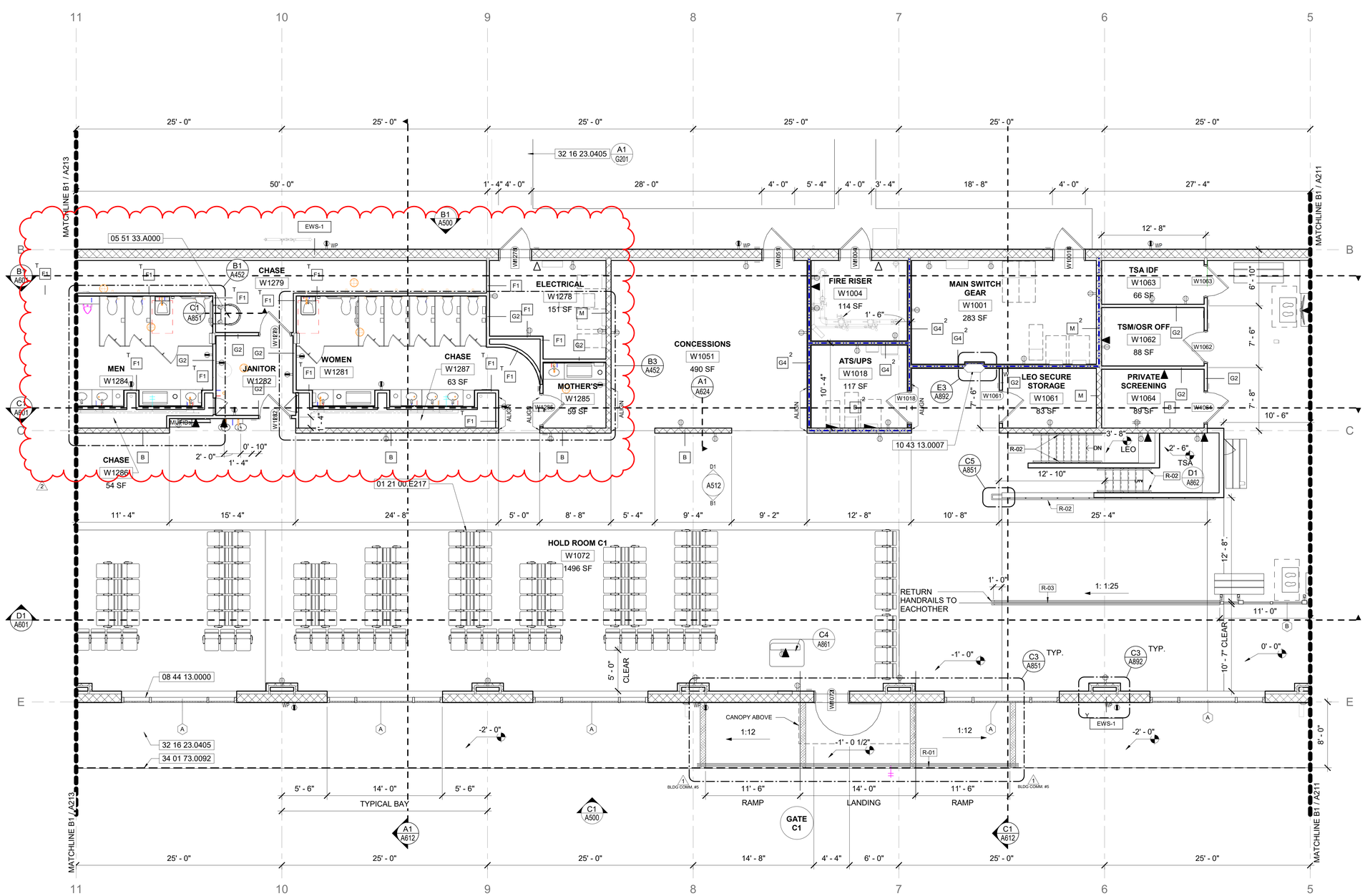
Drawing No.:

A110

477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:21:35 AM



B1 CONCOURSE LEVEL AREA 2 PLAN

3/16" = 1'-0"

KEYNOTES

NO.	
01 21 00.E217	TYP. ALLOWANCE FOR FIXED MULTIPLE SEATING WORK.
05 51 33.A000	STEEL ROOF ACCESS LADDER
08 44 13.0000	TYP. GLAZED ALUMINUM CUTAIN WALL ASSEMBLY.
10 43 13.0007	TYP. WALL CABINENT MOUNTED AUTOMATIC ELECTRONIC DEFIBRILLATOR (AED).
32 16 23.0405	TYP. 4" BROOM FINISHED CONCRETE SIDEWALK.
34 01 73.0092	TYP. PRESERVE EDGE OF AIRFIELD CONSTRUCTION. COORDINATE PROTECTION OF BUILT ELEMENTS WITH ADJACENT PROJECT.

NOTES

1. REFER TO **AL641** FOR PARTITION TYPES
2. ALL PARTITIONS ARE DIMENSIONED FROM FACE OF FINISH TO FACE OF FINISH U.O.N.
3. ALL WALL PARTITIONS TO BE FULL HEIGHT U.O.N.
4. REFER TO **AG** SERIES SHEETS FOR WAYFINDING AND SIGNAGE.
5. MAINTAIN 1/16" SLOPE MINIMUM AND 1/4" SLOPE MAXIMUM TO AREA DRAINS.
6. FOR FIRE EXTINGUISHER DETAILS REFER TO **AL710**
7. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET SERIES **A711**
8. HINGE DOORS SIDE OF DOORS TO BE LOCATED PER DETAILS FROM FACE OF ADJACENT PERPENDICULAR PARTITIONS U.O.N.
9. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
10. FOR RAILING DETAILS REFER TO SHEET **A851**
11. REFER TO **AF** SERIES SHEETS FOR FINISH INFORMATION.
12. SHOP-APPLIED GALVANIZATION FOR METAL, TOUCH UP ALL DAMAGED GALVANIZATION WITHIN 24HRS OF ERECTION
13. CONTRACTOR TO PROVIDE SIGNED AND SEALED DRAWINGS AND LOAD CALCULATIONS IN COMPLIANCE WITH FLORIDA BUILDING CODE WITH SUPPLEMENTS FOR ALL FABRICATED STAIRS, LADDERS, GRAB BARS, GUARDS, HANDRAILS AND/OR PLATFORMS. MINIMUM 50 PLF AND 200 POUND CONCENTRATED DESIGN LOADS.
14. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
15. CONCESSION AREAS SHALL BE FIT OUT AS SHELL SPACES WITH CODE MINIMUM SYSTEMS SUPPORT AS INDICATED.

LIFE SAFETY LEGEND

RATED FIRE PARTITIONS
1 = 1 HOUR FIRE PARTITION
2 = 2 HOUR FIRE PARTITION

SCALE: 3/16" = 1'-0"
0 16" 32" 64" 128"

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MLM SOB #19672
MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002
1	15-FEB-2021	ADDENDUM 001

Project No.:	MLM-19672
Designed By:	MLM, MAM
Drawn By:	ST, CC, DM, CB
Checked By:	MAM
Issue Date:	30-NOV-2020
Drawing Scale:	As indicated

Drawing Title:

ENLARGED FLOOR PLAN - AREA 2

BID DOCUMENTS

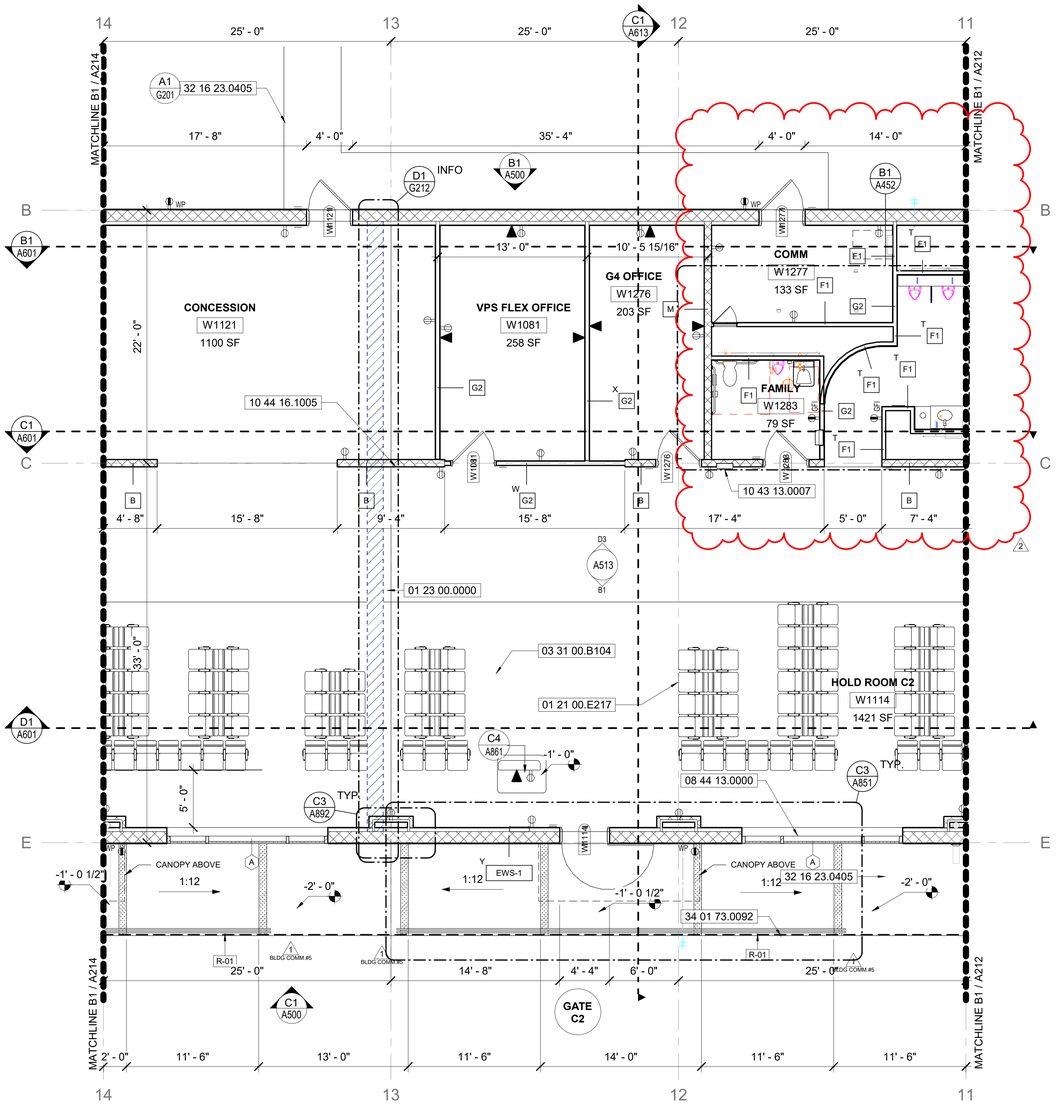
Drawing No.:

A212

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:21:46 AM

477369-CIS-2020 & FNW-2021



B1 CONCOURSE LEVEL AREA 3 PLAN

3/16" = 1'-0"

NORTH

KEYNOTES

NO.	
01 21 00.E217	TYP. ALLOWANCE FOR FIXED MULTIPLE SEATING WORK.
01 23 00.0000	LIMITS OF ALTERNATE WORK, SEE SPECIFICATIONS FOR MORE INFORMATION.
03 31 00.B104	TYP. 4" STRUCTURAL SLAB-ON-GRADE, SEE STRUCTURAL.
08 44 13.0000	TYP. GLAZED ALUMINUM CUTAIN WALL ASSEMBLY.
10 43 13.0007	TYP. WALL CABINENT MOUNTED AUTOMATIC ELECTRONIC DEFIBRILLATOR (AED).
10 44 16.1005	TYP. RECESSED WALL CABINENT MOUNTED MULTI-PURPOSE (ABC CLASS) FIRE EXTINGUISHER.
32 16 23.0405	TYP. 4" BROOM FINISHED CONCRETE SIDEWALK.
34 01 73.0092	TYP. PRESERVE EDGE OF AIRFIELD CONSTRUCTION. COORDINATE PROTECTION OF BUILT ELEMENTS WITH ADJACENT PROJECT.

NOTES

1. REFER TO **AL641** FOR PARTITION TYPES
2. ALL PARTITIONS ARE DIMENSIONED FROM FACE OF FINISH TO FACE OF FINISH U.O.N.
3. ALL WALL PARTITIONS TO BE FULL HEIGHT U.O.N.
4. REFER TO **AG** SERIES SHEETS FOR WAYFINDING AND SIGNAGE.
5. MAINTAIN 1/16" SLOPE MINIMUM AND 1/4" SLOPE MAXIMUM TO AREA DRAINS
6. FOR FIRE EXTINGUISHER DETAILS REFER TO **AL710**
7. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET SERIES **A711**
8. HINGE DOORS SIDE OF DOORS TO BE LOCATED PER DETAILS FROM FACE OF ADJACENT PERPENDICULAR PARTITIONS U.O.N.
9. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
10. FOR RAILING DETAILS REFER TO SHEET **A851**
11. REFER TO **AF** SERIES SHEETS FOR FINISH INFORMATION.
12. SHOP-APPLIED GALVANIZATION FOR METAL. TOUCH UP ALL DAMAGED GALVANIZATION WITHIN 24HRS OF ERECTION
13. CONTRACTOR TO PROVIDE SIGNED AND SEALED DRAWINGS AND LOAD CALCULATIONS IN COMPLIANCE WITH FLORIDA BUILDING CODE WITH SUPPLEMENTS FOR ALL FABRICATED STAIRS, LADDERS, GRAB BARS, GUARDS, HANDRAILS AND/OR PLATFORMS. MINIMUM 50 PLF AND 200 POUND CONCENTRATED DESIGN LOADS.
14. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
15. CONCESSION AREAS SHALL BE FIT OUT AS SHELL SPACES WITH CODE MINIMUM SYSTEMS SUPPORT AS INDICATED.

LIFE SAFETY LEGEND

RATED FIRE PARTITIONS
1 = 1 HOUR FIRE PARTITION
2 = 2 HOUR FIRE PARTITION

SCALE: 3/16" = 1'-0"
0 16" 32" 64" 128"

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
ELM SOR-F19672
MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002
1	15-FEB-2021	ADDENDUM 001

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**3/16" = 1'-0"**

Drawing Title:

ENLARGED FLOOR PLAN - AREA 3

BID DOCUMENTS

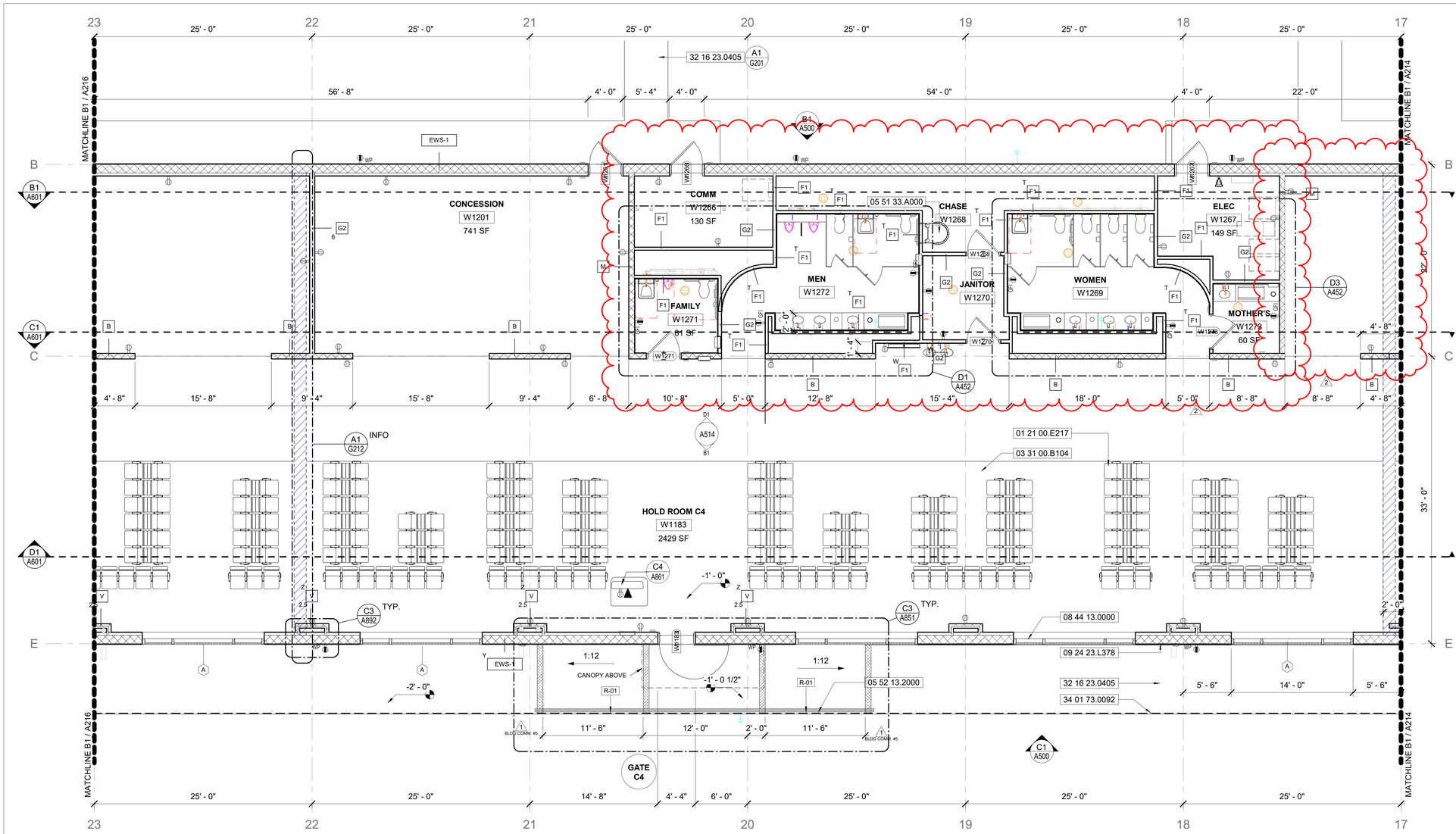
Drawing No.:

A213

477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:21:55 AM



B1 CONCOURSE LEVEL AREA 5 PLAN

3/16" = 1'-0"

KEYNOTES

NO.	
01 21 00.E217	TYP. ALLOWANCE FOR FIXED MULTIPLE SEATING WORK.
03 31 00.B104	TYP. 4" STRUCTURAL SLAB-ON-GRADE, SEE STRUCTURAL.
05 51 33.A000	STEEL ROOF ACCESS LADDER
05 52 13.2000	TYP. STAINLESS STEEL PIPE AND TUBE RAILING.
08 44 13.0000	TYP. GLAZED ALUMINUM CUTAIN WALL ASSEMBLY.
09 24 23.L378	TYP. SMOOTH 7/8" STUCCO, 3 COAT SYSTEM
32 16 23.0405	TYP. 4" BROOM FINISHED CONCRETE SIDEWALK.
34 01 73.0092	TYP. PRESERVE EDGE OF AIRFIELD CONSTRUCTION. COORDINATE PROTECTION OF BUILT ELEMENTS WITH ADJACENT PROJECT.

NOTES

1. REFER TO **AL641** FOR PARTITION TYPES
2. ALL PARTITIONS ARE DIMENSIONED FROM FACE OF FINISH TO FACE OF FINISH U.O.N.
3. ALL WALL PARTITIONS TO BE FULL HEIGHT U.O.N.
4. REFER TO **AG** SERIES SHEETS FOR WAYFINDING AND SIGNAGE.
5. MAINTAIN 1/16" SLOPE MINIMUM AND 1/4" SLOPE MAXIMUM TO AREA DRAINS.
6. FOR FIRE EXTINGUISHER DETAILS REFER TO **AL710**
7. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET SERIES **A711**
8. HINGE DOORS SIDE OF DOORS TO BE LOCATED PER DETAILS FROM FACE OF ADJACENT PERPENDICULAR PARTITIONS U.O.N.
9. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
10. FOR RAILING DETAILS REFER TO SHEET **A851**
11. REFER TO **AF** SERIES SHEETS FOR FINISH INFORMATION.
12. SHOP-APPLIED GALVANIZATION FOR METAL, TOUCH UP ALL DAMAGED GALVANIZATION WITHIN 24HRS OF ERECTION
13. CONTRACTOR TO PROVIDE SIGNED AND SEALED DRAWINGS AND LOAD CALCULATIONS IN COMPLIANCE WITH FLORIDA BUILDING CODE WITH SUPPLEMENTS FOR ALL FABRICATED STAIRS, LADDERS, GRAB BARS, GUARDS, HANDRAILS AND/OR PLATFORMS. MINIMUM 50 PLF AND 200 POUND CONCENTRATED DESIGN LOADS.
14. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
15. CONCESSION AREAS SHALL BE FIT OUT AS SHELL SPACES WITH CODE MINIMUM SYSTEMS SUPPORT AS INDICATED.

LIFE SAFETY LEGEND

RATED FIRE PARTITIONS
1 = 1 HOUR FIRE PARTITION
2 = 2 HOUR FIRE PARTITION

SCALE: 3/16" = 1'-0"
0 16" 32" 64" 128"

OKALOOSA COUNTY FLORIDA

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
ELIC# 5081-F-19672
MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002
1	15-FEB-2021	ADDENDUM 001

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**3/16" = 1'-0"**

Drawing Title:

ENLARGED FLOOR PLAN - AREA 5

BID DOCUMENTS

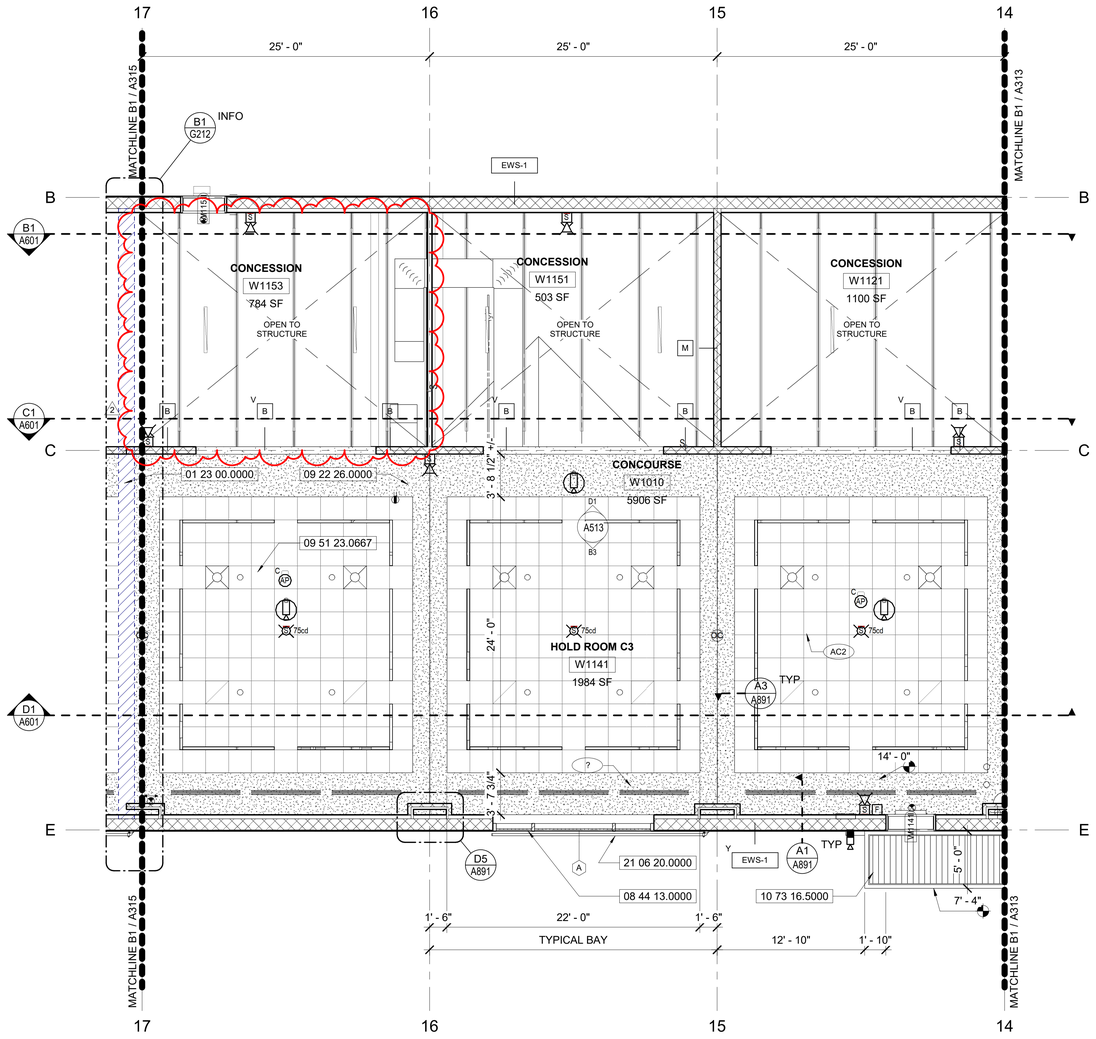
Drawing No.:

A215

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:22:06 AM

477369-CIS-2020 & FNW-2021



B1 CEILING AREA PLAN

3/16" = 1'-0"

NORTH

KEYNOTES

NO.	
01 23 00.0000	LIMITS OF ALTERNATE WORK, SEE SPECIFICATIONS FOR MORE INFORMATION.
08 44 13.0000	TYP. GLAZED ALUMINUM CUTAIN WALL ASSEMBLY.
09 22 26.0000	TYP. GYPSUM ASSEMBLY SUSPENSION SYSTEM, INSTALL PER MNFR. INSTRUCTIONS.
09 51 23.0667	TYP. STANDARD, 24" X 24" TEGULAR ACOUSITCAL TILE CEILING SYSTEM.
10 73 16.5000	TYP. PREMANUFACTURED ALUMINUM CANOPY SYSTEM. PROVIDE SIGNED & SEALED CALCULATIONS/SHOPDRAWINGS COMPLYING W/ STRUCTURAL DESIGN LOADS.
21 06 20.0000	TYPICAL FIRE SUPPRESSION PIPING

NOTES

1. REFER TO **AL641** FOR PARTITION TYPES
2. ALL PARTITIONS ARE DIMENSIONED FROM FACE OF FINISH TO FACE OF FINISH U.O.N.
3. ALL WALL PARTITIONS TO BE FULL HEIGHT U.O.N.
4. REFER TO **AG** SERIES SHEETS FOR WAYFINDING AND SIGNAGE.
5. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET SERIES **A711**
6. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
7. REFER TO **AF** SERIES SHEETS FOR FINISH INFORMATION.
8. AREA DESIGNATED FOR FUTURE WORK.(NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
9. CONCESSION AREAS SHALL BE FIT OUT AS SHELL SPACES WITH CODE MINIMUM SYSTEMS SUPPORT AS INDICATED.

CEILING LEGEND

- 24" X 24" ACOUSTICAL TILE CEILING SYSTEM
- SUSPENDED GYPSUM WALL BOARD ASSEMBLY
- DIFFUSER / LINEAR, SEE MECH **M SERIES DOCUMENTS**
- SUPPLY / RETURN DIFFUSER, SEE MECH **M SERIES DOCUMENTS**
- LIGHT FIXTURES, SEE ELEC **E3## SERIES DOCUMENTS**
- OCCUPANCY LIGHTING CONTROLER, SEE ELEC **E3## SERIES DOCUMENTS**
- WIRELESS ACCESS POINT, SEE COMM **T SERIES DOCUMENTS**
- VSS CAMERA, SEE COMM **TS SERIES DOCUMENTS**
- ELEVATIONS PROVIDED FROM CONCOURSE LEVEL = 0' - 0"
- 1 HR RATED ASSEMBLY
- 2 HR RATED ASSEMBLY

SCALE: 3/16" = 1'-0"

0 16" 32" 64" 128"

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MLM JOB #: 19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**3/16" = 1'-0"**

Drawing Title:

ENLARGED CEILING PLAN - AREA 4

BID DOCUMENTS

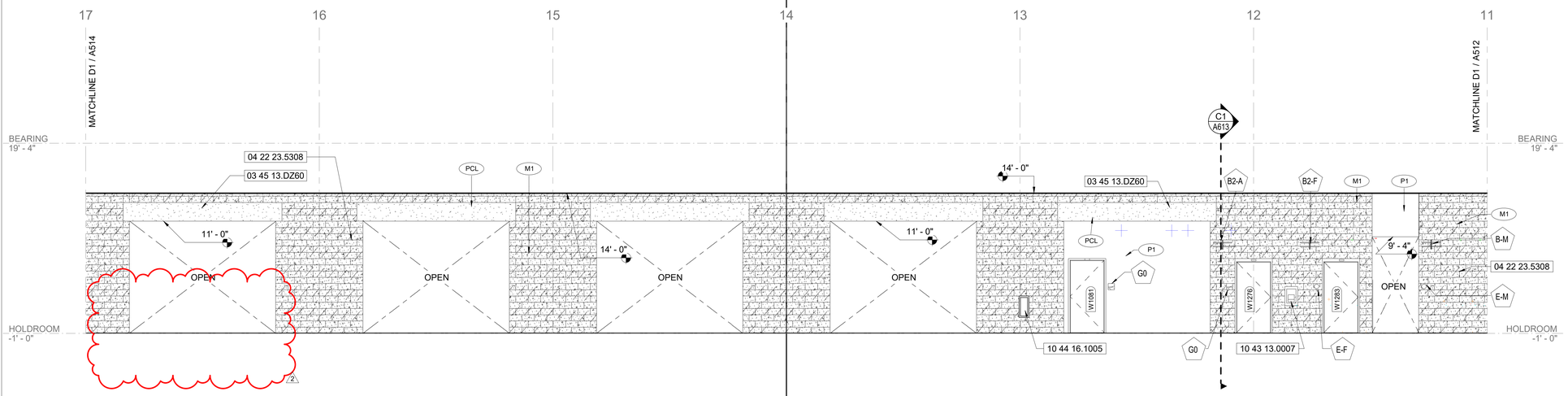
Drawing No.:

A314

477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:22:15 AM

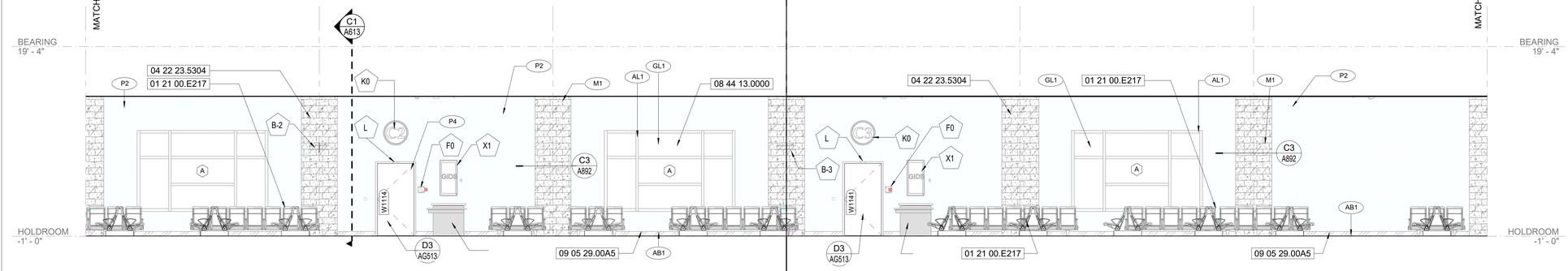


D1 INTERIOR CONCOURSE ELEVATION

3/16" = 1'-0"

D3 INTERIOR CONCOURSE ELEVATION

3/16" = 1'-0"



B1 INTERIOR CONCOURSE ELEVATION

3/16" = 1'-0"

B3 INTERIOR CONCOURSE ELEVATION

3/16" = 1'-0"

KEYNOTES

NO.	
01 21 00.E217	TYP. ALLOWANCE FOR FIXED MULTIPLE SEATING WORK.
03 45 13.DZ60	TYP. 8" X 24" FACED ARCHITECTURAL PRECAST CONCRETE, SAND FINISH.
04 22 23.5304	TYP. 4" BURNISHED CONCRETE MASONRY UNIT
04 22 23.5308	TYP. 8" BURNISHED CONCRETE MASONRY UNIT
08 44 13.0000	TYP. GLAZED ALUMINUM CUTAIN WALL ASSEMBLY.
09 05 29.00A5	TYP. ALUMINUM GYPSUM BOARD REVEAL BASE ACCESSORY.
10 43 13.0007	TYP. WALL CABINENT MOUNTED AUTOMATIC ELECTRONIC DEFIBRILLATOR (AED).
10 44 16.1005	TYP. RECESSED WALL CABINENT MOUNTED MULTI-PURPOSE (ABC CLASS) FIRE EXTINGUISHER.

NOTES

1. REFER TO **A** SERIES SHEETS FOR PARTITION MARKERS AND **AL641** FOR PARTITION TYPES
2. REFER TO **AG** SERIES SHEETS FOR WAYFINDING AND SIGNAGE. (1t)
3. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET **A711** (101)
4. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
5. ELEVATION MARKERS ARE ESTABLISHED AT CONCOURSE = 0' - 0"
6. RAILING CONSTRUCTION AND TYPES REFER TO SHEET **A851** (1t) (2)
7. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
8. CONCESSION AREAS SHALL BE FIT OUT AS SHELL SPACES WITH CODE MINIMUM SYSTEMS SUPPORT AS INDICATED.

FINISH LEGEND

(?) MATERIAL CODE SYMBOL: SEE **AF712** FOR DEFINITIONS

- CT2
- P1
- P2
- P3
- P4
- HPC2-SAFETY YELLOW
- PCL
- M1
- AB1

NOT ALL FINISHES ARE GRAPHICALLY KEYED IN THIS LEGEND. REFER TO **AF712** FOR MORE INFORMATION.

SCALE: 3/16" = 1'-0"

0 16" 32" 64" 128"

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002208
MLM SOB #19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**3/16" = 1'-0"**

Drawing Title:

INTERIOR ELEVATIONS

BID DOCUMENTS

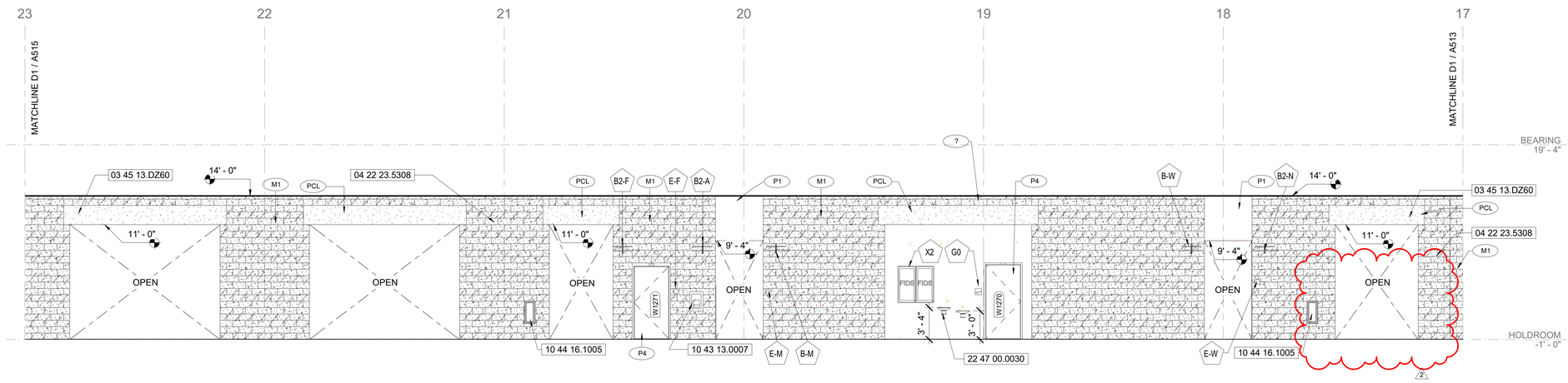
Drawing No.:

A513

477369-CIS-2020 & FNW-2021

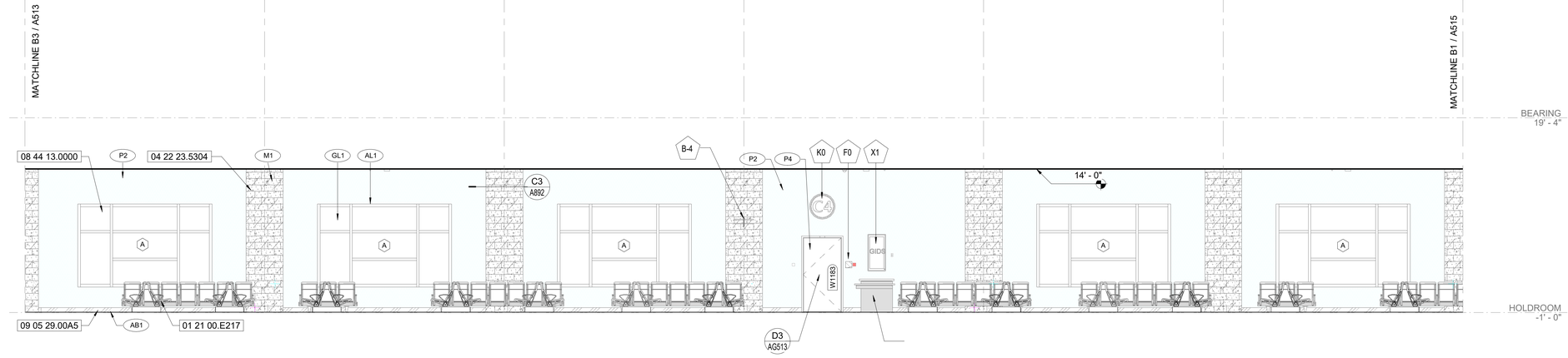
BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:22:28 AM



D1 INTERIOR CONCOURSE ELEVATION

3/16" = 1'-0"



B1 INTERIOR CONCOURSE ELEVATION

3/16" = 1'-0"

KEYNOTES

NO.	
01 21 00.E217	TYP. ALLOWANCE FOR FIXED MULTIPLE SEATING WORK.
03 45 13.DZ60	TYP. 8" X 24" FACED ARCHITECTURAL PRECAST CONCRETE, SAND FINISH.
04 22 23.5304	TYP. 4" BURNISHED CONCRETE MASONRY UNIT
04 22 23.5308	TYP. 8" BURNISHED CONCRETE MASONRY UNIT
08 44 13.0000	TYP. GLAZED ALUMINUM CUTAIN WALL ASSEMBLY.
09 05 29.00A5	TYP. ALUMINUM GYPSUM BOARD REVEAL BASE ACCESSORY.
10 43 13.0007	TYP. WALL CABINENT MOUNTED AUTOMATIC ELECTRONIC DEFIBRILLATOR (AED).
10 44 16.1005	TYP. RECESSED WALL CABINENT MOUNTED MULTI-PURPOSE (ABC CLASS) FIRE EXTINGUISHER.
22 47 00.0030	DRINKING FOUNTAIN SEE PLUMBING

NOTES

1. REFER TO **A** SERIES SHEETS FOR PARTITION MARKERS AND **AL641** FOR PARTITION TYPES
2. REFER TO **AG** SERIES SHEETS FOR WAYFINDING AND SIGNAGE. (1t)
3. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET **A711** (101)
4. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
5. ELEVATION MARKERS ARE ESTABLISHED AT CONCOURSE = 0' - 0"
6. RAILING CONSTRUCTION AND TYPES REFER TO SHEET **A851** (1t) (2)
7. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
8. CONCESSION AREAS SHALL BE FIT OUT AS SHELL SPACES WITH CODE MINIMUM SYSTEMS SUPPORT AS INDICATED.

FINISH LEGEND

(?) MATERIAL CODE SYMBOL: SEE **AF712** FOR DEFINITIONS

- CT2
- P1
- P2
- P3
- P4
- HPC2-SAFETY YELLOW
- PCL
- M1
- AB1

NOT ALL FINISHES ARE GRAPHICALLY KEYED IN THIS LEGEND. REFER TO **AF712** FOR MORE INFORMATION.

SCALE: 3/16" = 1'-0"

0 16" 32" 64" 128"

OKALOOSA COUNTY

FLY VPS

C19-2811- AP Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MLM SOR-F19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**3/16" = 1'-0"**

Drawing Title:

INTERIOR ELEVATIONS

BID DOCUMENTS

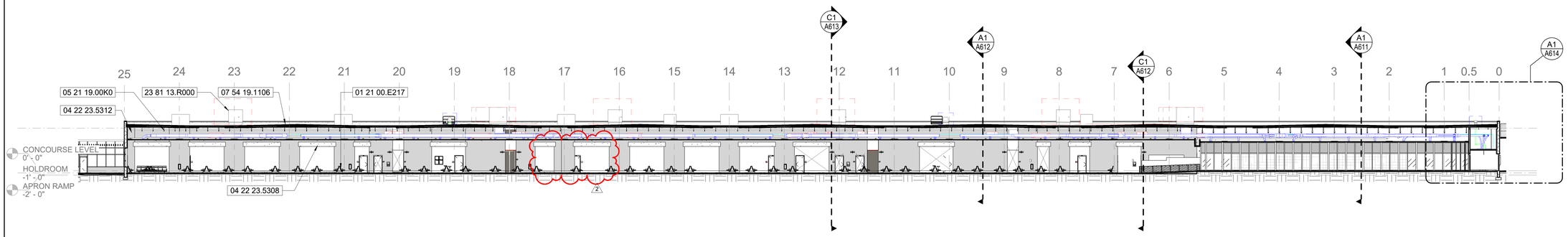
Drawing No.:

A514

477369-CIS-2020 & FNW-2021

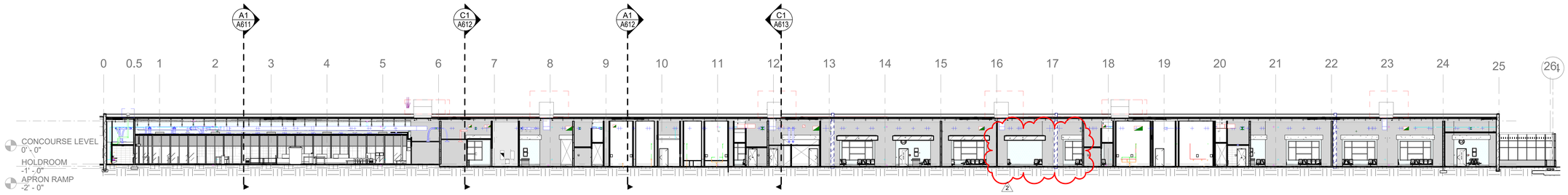
BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:22:39 AM



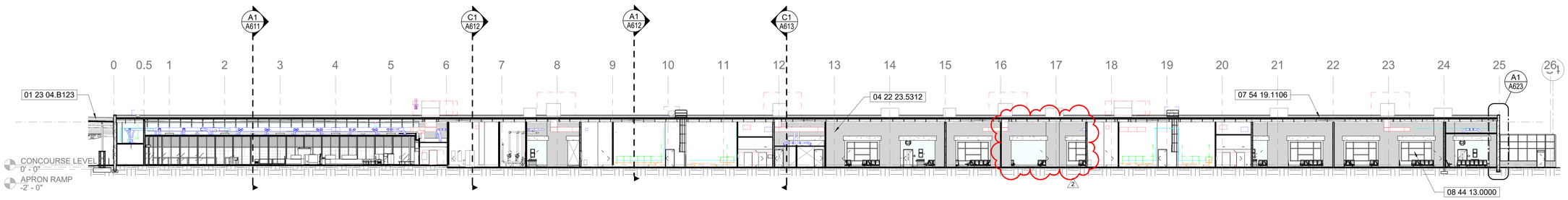
D1 BUILDING SECTION

1" = 20'-0"



C1 BUILDING SECTION

1" = 20'-0"



B1 BUILDING SECTION

1" = 20'-0"

KEYNOTES

NO.	
01 21 00.E217	TYP. ALLOWANCE FOR FIXED MULTIPLE SEATING WORK.
01 23 04.B123	TYP. ALTERNATE 4 CANOPY CONTRUCTION WORK.
04 22 23.5308	TYP. 8" BURNISHED CONCRETE MASONRY UNIT
04 22 23.5312	TYP. 12" BURNISHED CONCRETE MASONRY UNIT

KEYNOTES

NO.	
05 21 19.00K0	TYP. K SERIES OPEN WEB STEEL JOIST, SEE STRUCTURAL.
07 54 19.1106	TYP. COLD ADHESIVE APPLIED, 60 MIL PVC MEMBRAINE ROOFING.
08 44 13.0000	TYP. GLAZED ALUMINUM CUTAIN WALL ASSEMBLY.
23 81 13.R000	TYP. PACKAGED ROOFTOP UNIT, SEE MECH.

SCALE: 1" = 20'-0"

0 5' 10' 20' 40'

OKALOOSA COUNTY

FLY VPS

C19-2811- AP Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.

668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
ELM 508 F-19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	MLM-19672
Designed By:	MLM, MAM
Drawn By:	ST, CC, DM, CB
Checked By:	MAM
Issue Date:	30-NOV-2020
Drawing Scale:	1" = 20'-0"

Drawing Title:

OVERALL BUILDING SECTIONS

BID DOCUMENTS

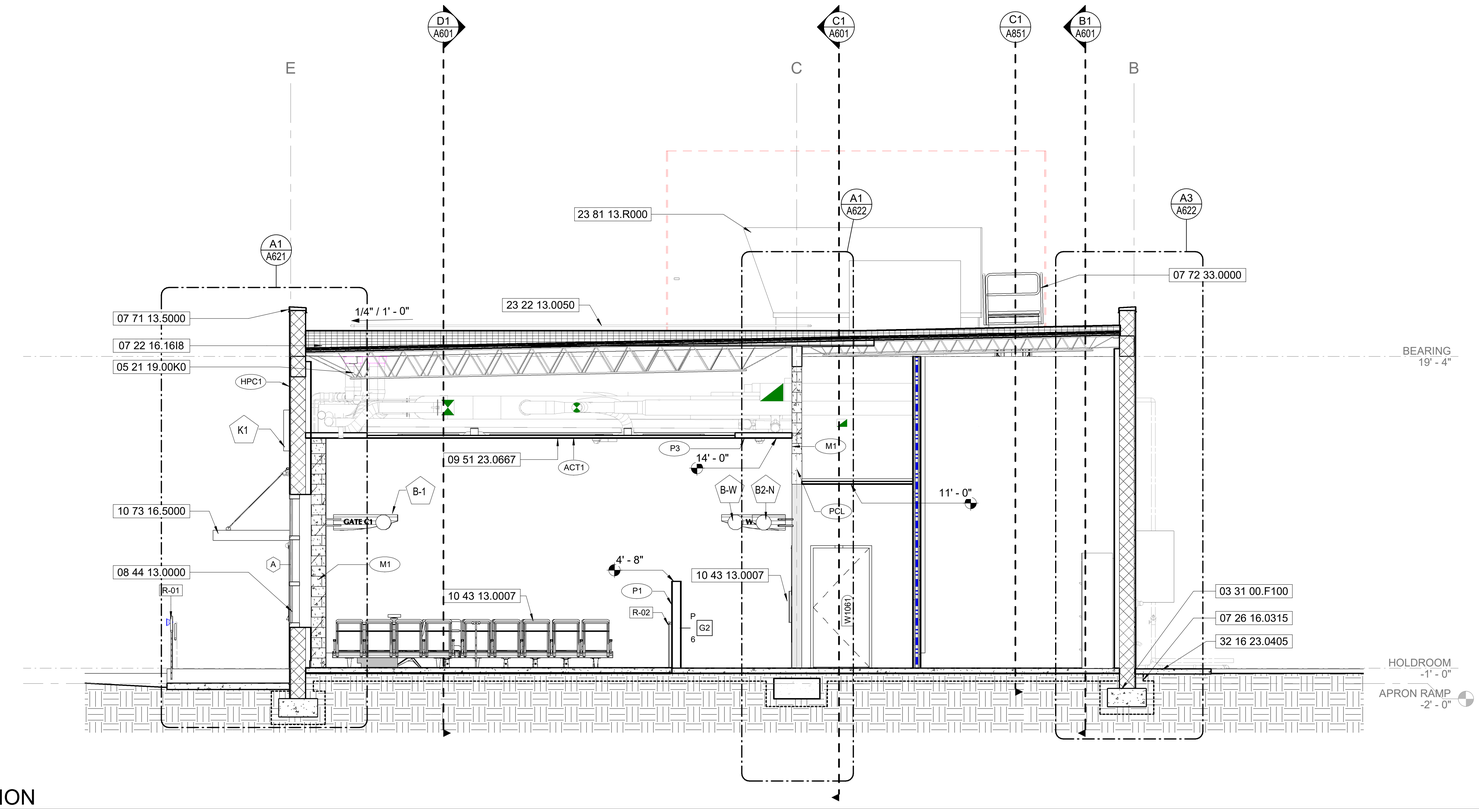
Drawing No.:

A601

477369-CIS-2020 & FNW-2021

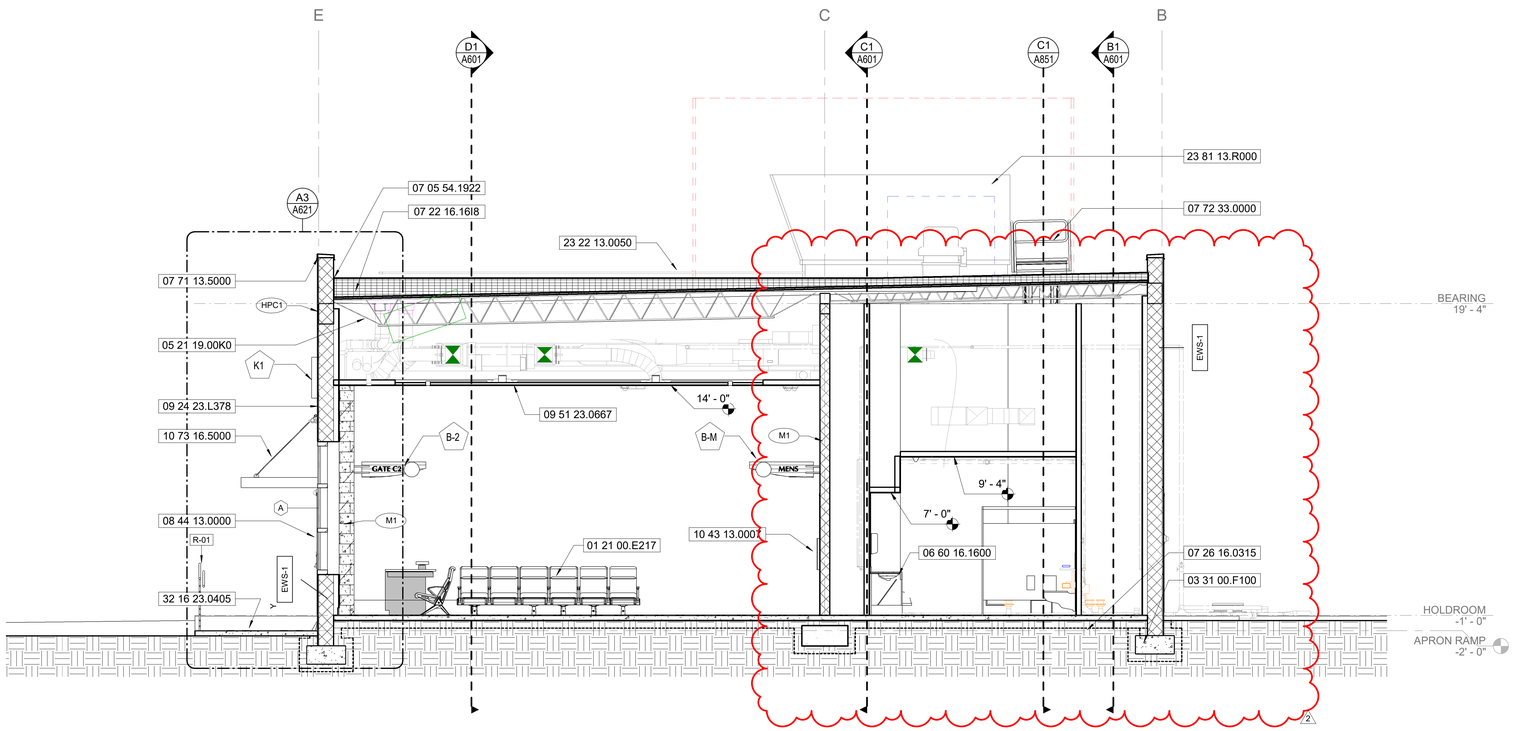
BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:23:13 AM



C1 BUILDING SECTION

1/4" = 1'-0"



A1 BUILDING SECTION

1/4" = 1'-0"

KEYNOTES

NO.	
01 21 00.E217	TYP. ALLOWANCE FOR FIXED MULTIPLE SEATING WORK.
03 31 00.F100	TYP. CONTINOUS WALL FOUNDATION, SEE STRUCTURAL.
05 21 19.00K0	TYP. K SERIES OPEN WEB STEEL JOIST, SEE STRUCTURAL.
06 60 16.1600	TYP. SOLID SURFACING COUNTERTOPS.
07 05 54.1922	TYP. PVC ROOFING MEMBRANE CAP/FLASHING PLY WELD.
07 22 16.16I8	TYP. 4" MIN. POLYISOCYANURATE RIGID FOAM ROOF BOARD INSULATION.
07 26 16.0315	TYP. 15 MIL BELOW GRADE VAPOR BARRIER.
07 71 13.5000	TYP. ALUMNINUM MANUFACTURED COPING SYSTEM, INSTALLED PER MNFR. INSTRUCTIONS.
07 72 33.0000	TYP. SINGLE-LEAF ROOF ACCESS HATCH W/ CURB AND SAFETY RAIL.
08 44 13.0000	TYP. GLAZED ALUMINUM CUTAIN WALL ASSEMBLY.
09 24 23.L378	TYP. SMOOTH 7/8" STUCCO, 3 COAT SYSTEM
09 51 23.0667	TYP. STANDARD, 24" X 24" TEGULAR ACOUSITCAL TILE CEILING SYSTEM.
10 43 13.0007	TYP. WALL CABINENT MOUNTED AUTOMATIC ELECTRONIC DEFIBRILLATOR (AED).
10 73 16.5000	TYP. PREMANUFACTURED ALUMINUM CANOPY SYSTEM. PROVIDE SIGNED & SEALED CALCULATIONS/SHOPDRAWINGS COMPLYING W/ STRUCTURAL DESIGN LOADS.
23 22 13.0050	TYP. CONDENSATE PIPING, SEE MECH.
23 81 13.R000	TYP. PACKAGED ROOFTOP UNIT, SEE MECH.
32 16 23.0405	TYP. 4" BROOM FINISHED CONCRETE SIDEWALK.

NOTES

1. REFER TO **A** SERIES SHEETS FOR PARTITION MARKERS AND **AL641** FOR PARTITION TYPES
2. REFER TO **AG** SERIES SHEETS FOR WAYFINDING AND SIGNAGE.
   1t
3. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET **A711**
   101
4. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
5. ELEVATION MARKERS ARE ESTABLISHED AT CONCOURSE = 0' - 0"
6. RAILING CONSTRUCTION AND TYPES REFER TO SHEET **A865**
   1t
7. MATERIAL FINISH CODES, SEE **AF712** FIR DEFINITIONS.
   ?
8. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
9. CONCESSION AREAS SHALL BE FIT OUT AS SHELL SPACES WITH CODE MINIMUM SYSTEMS SUPPORT AS INDICATED.

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

0 1' 2' 4' 8'

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE. SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
ELM SOR-F-19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**1/4" = 1'-0"**

Drawing Title:

TRANSVERSE BUILDING SECTIONS

BID DOCUMENTS

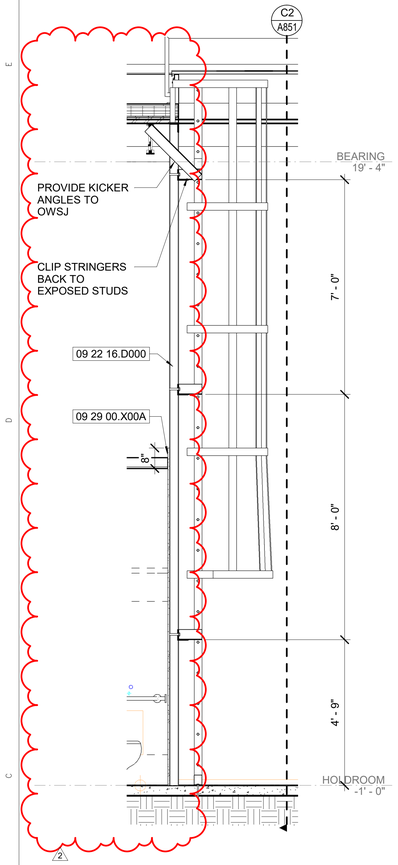
Drawing No.:

A612

477369-CIS-2020 & FNW-2021

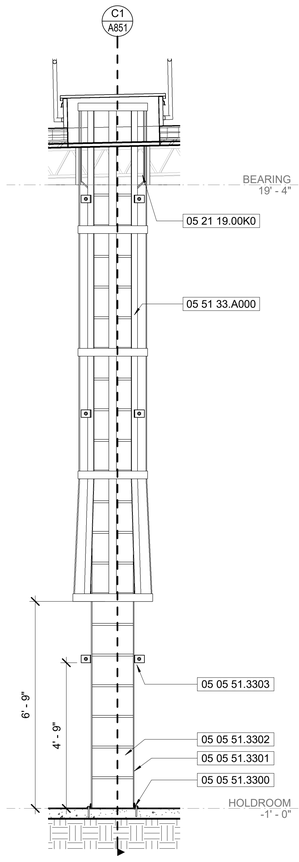
BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:23:30 AM



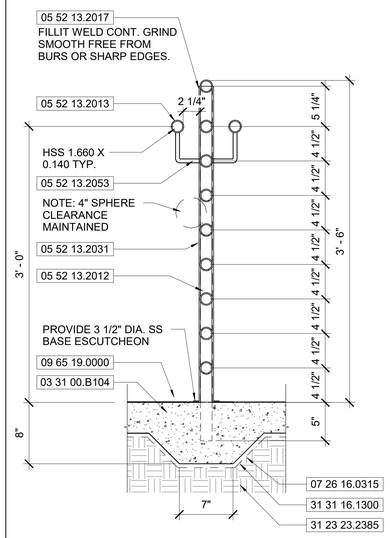
C1 ROOF ACCESS LADDER

1/2" = 1'-0"



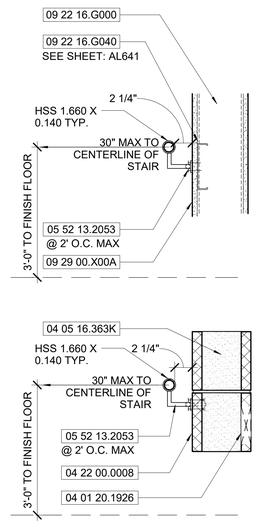
C2 ROOF ACCESS LADDER

1/2" = 1'-0"



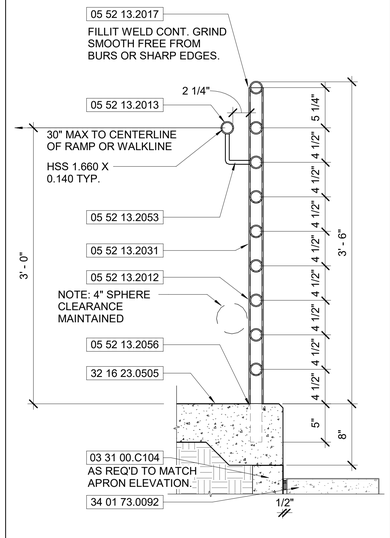
D3 R-03 HAND & GUARDRAIL

1 1/2" = 1'-0"



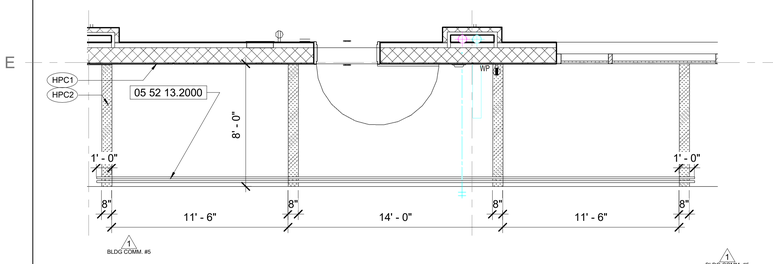
D4 R-02 HANDRAIL

1 1/2" = 1'-0"



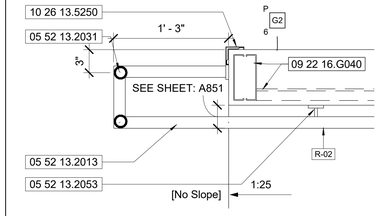
D5 R-01 HAND & GUARDRAIL

1 1/2" = 1'-0"



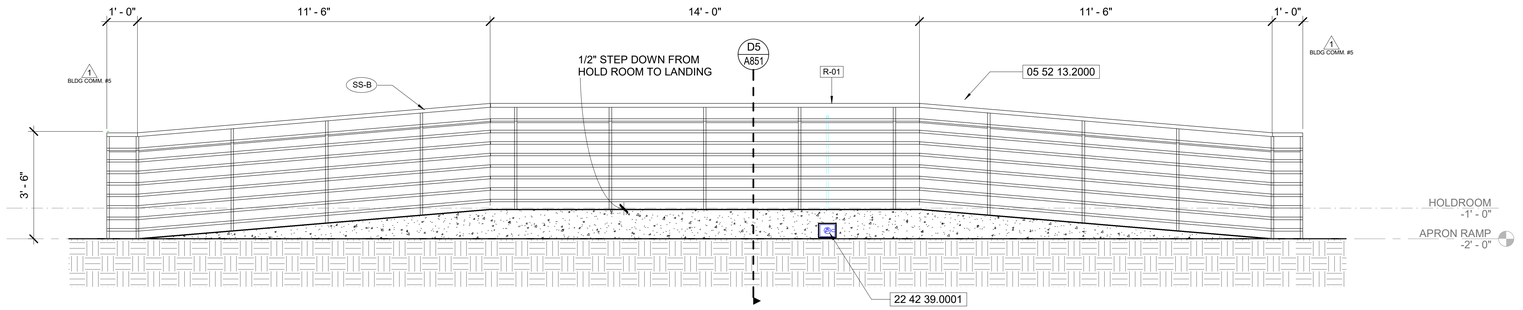
C3 RAMP PLAN

1/4" = 1'-0"



C5 PODIUM RAIL RETURN

1 1/2" = 1'-0"



A2 RAILING AT GATE DOOR

1/2" = 1'-0"

SUBMITTAL

CONTRACTOR SHALL PROVIDE FABRICATION DRAWINGS/ CALCULATIONS SIGNED & SEALED BY A FLORIDA REGISTERED ENGINEER IN COMPLIANCE WITH FLORIDA BUILDING CODE WITH SUPPLEMENTS FOR ALL FABRICATED STAIRS, HANDRAILS AND/OR PLATFORMS. MINIMUM 50 PLF AND 200 POUND CONCENTRATRATED DESIGN LOADS. DOCUMENTS ARE TO BE PROVIDED BY THE SAME ROUTING METHOD AS DRAWINGS WERE SUBMITTED TO GROWTH MANAGEMENT. THIS IS TO BE SUBMITTED BEFORE A FRAMING INSPECTION. BUILDER WILL NOT BE ABLE TO SCHEDULE A FRAMING INSPECTION UNTIL A RESPONSE IS APPROVED. 2017 FBC 104.9, 107.2.1; FLORIDA ADMINISTRATIVE CODE 9B-72.005

KEYNOTES

NO.	
03 31 00.B104	TYP. 4" STRUCTURAL SLAB-ON-GRADE, SEE STRUCTURAL.
03 31 00.C104	TYP. 4" STRUCTURAL CAST-IN-PLACE CONCRETE WALL, SEE STRUCTURAL
04 01 20.1926	TYP. MASONRY REINFORCING INSPECTION OPENING @ EACH FILLED CELL, SEE STRUCTURAL
04 05 16.363K	TYP. FILL CELL MASONRY W/ 3000 PSI GROUT.
04 22 00.0008	TYP. 8" NOMINAL CONCRETE MASONRY UNIT.
05 05 51.3300	TYP. STEEL ANGLE SUPPORT WELD CONT. @ STRINGER AND FLOOR ANCHOR
05 05 51.3301	2-1/2" X 3/8" VERTICAL MTL. STRINGER
05 05 51.3302	TYP. 1" DIA MTL. RUNGS @ 12" O.C. CONT. WELD TO EACH STRINGER
05 05 51.3303	TYP. 12"MIN. X 2" WIDE BENT STEEL 3/8" PLATE SUPPORT CONT. WELD TO STRINGER SO THAT MIN. CLEARANCE FROM CENTERLINE OF RUNG AND NEAREST OBSTRUCTION IS 7" U.O.N.
05 21 19.00K0	TYP. K SERIES OPEN WEB STEEL JOIST, SEE STRUCTURAL.
05 51 33.A000	STEEL ROOF ACCESS LADDER
05 52 13.2000	TYP. STAINLESS STEEL PIPE AND TUBE RAILING.
05 52 13.2012	TYP. STAINLESS STEEL PIPE AND TUBE RAILING, INFILL HORIZONTAL 1-1/4" NOM. HSS 1.660 X 0.140 PIPE.
05 52 13.2013	TYP. STAINLESS STEEL PIPE AND TUBE RAILING, HAND RAIL.
05 52 13.2017	TYP. STAINLESS STEEL PIPE AND TUBE RAILING, GUARD RAIL.
05 52 13.2031	TYP. STAINLESS STEEL PIPE AND TUBE RAILING, POST 1-1/2" NOM. HSS 1.900 X 0.188 PIPE @ 3'-0" OC MAX..
05 52 13.2053	TYP. STAINLESS STEEL PIPE AND TUBE RAILING, HANDRAIL RAIL SUPPORTS AS REQ'D.
05 52 13.2056	TYP. STAINLESS STEEL PIPE AND TUBE RAILING, EMBED POST MIN. OF 5".
07 26 16.0315	TYP. 15 MIL BELOW GRADE VAPOR BARRIER.
09 22 16.D000	TYPICAL 3 5/8" GALV. METAL STUD FRAMING @ 24" OC UNO.
09 22 16.G000	TYPICAL 6" GALV. METAL STUD FRAMING @16" OC UNO.
09 22 16.G040	TYP. 16 GA. 6" GALV. METAL STUD BLOCKING.
09 29 00.X00A	TYPICAL 5/8" TYPE 'X' GYPSUM WALL BOARD
09 65 19.0000	TYP. LUXARY VINYL COMPOSITION TILE, SEE SCHEDULE.
10 26 13.5250	TYP. 2" BRUSHED ALUMINUM WALL CORNER GUARD.
22 42 39.0001	TYP. RECESSED EXTERIOR WALL HYDRANT, SEE PLUBMING.
31 23 23.2385	TYP. COMPACTED FILL TO A MIN. OF 85% COMPACTION AS PER ASTM D1557.
31 31 16.1300	TYP. SPRAY TERMITE TOXICANT BARRIER.
32 16 23.0505	TYP. 5" BROOM FINISHED CONCRETE SIDEWALK.
34 01 73.0092	TYP. PRESERVE EDGE OF AIRFIELD CONSTRUCTION. COORDINATE PROTECTION OF BUILT ELEMENTS WITH ADJACENT PROJECT.

SCALE: 1 1/2" = 1'-0"
0 2" 4" 8" 16"

SCALE: 1/2" = 1'-0"
0 6" 12" 24" 48"

SCALE: 1/4" = 1'-0"
0 1' 2' 4' 8'

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE. SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708 ELD LOR-F-19672
MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002
1	15-FEB-2021	ADDENDUM 001

Project No.:	MLM-19672
Designed By:	MLM, MAM
Drawn By:	ST, CC, DM, CB
Checked By:	MAM
Issue Date:	30-NOV-2020
Drawing Scale:	AS NOTED

Drawing Title:

METAL FABRICATION DETAILS

BID DOCUMENTS

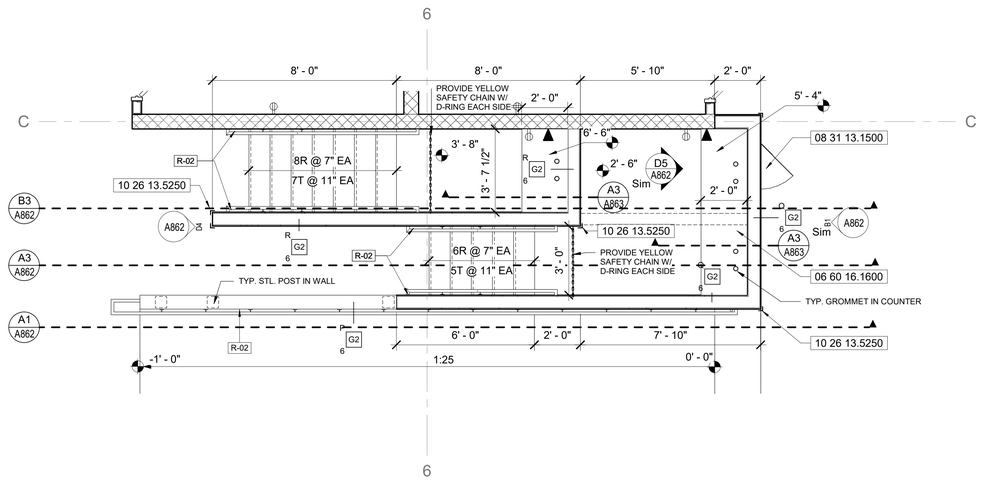
Drawing No.:

A851

477369-CIS-2020 & FNW-2021

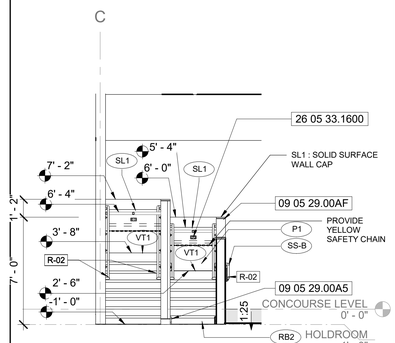
BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:23:39 AM



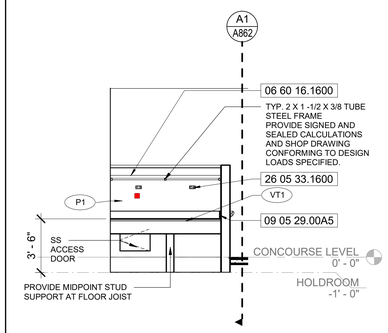
D1 ENLARGED PLAN - TSA PODIUM

3/8" = 1'-0"



D4 LEO PODIUM ELEVATION

1/4" = 1'-0"

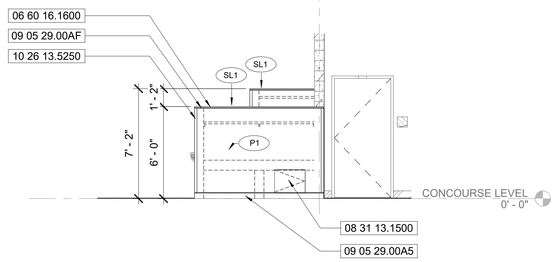


D5 TSA PODIUM - SECTION

1/4" = 1'-0"

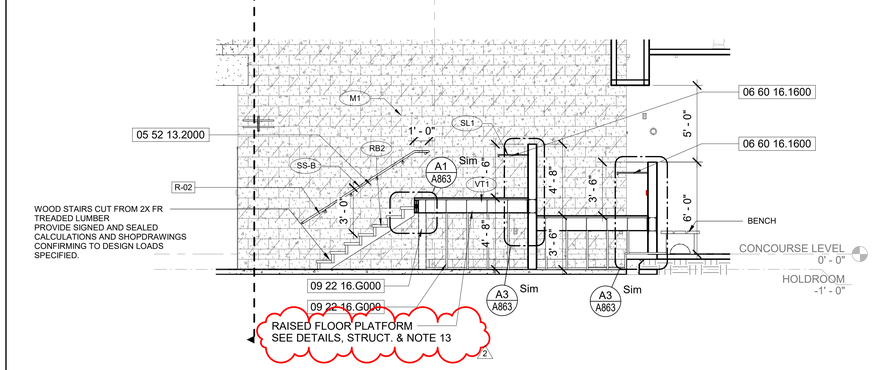
KEYNOTES

NO.	
03 31 00.B104	TYP. 4" STRUCTURAL SLAB-ON-GRADE, SEE STRUCTURAL.
05 52 13.2000	TYP. STAINLESS STEEL PIPE AND TUBE RAILING.
06 60 16.1600	TYP. SOLID SURFACING COUNTERTOPS.
08 31 13.1500	TYPICAL GALV. MTL. CEILING ACCESS DOOR, PAINT TO MATCH SURROUNDING SURFACE.
09 05 29.00A5	TYP. ALUMINUM GYPSUM BOARD REVEAL BASE ACCESSORY.
09 05 29.00AF	TYP. ALUMINUM GYPSUM BOARD 'F' REVEAL ACCESSORY.
09 22 16.G000	TYPICAL 6" GALV. METAL STUD FRAMING @16" OC UNO.
10 26 13.5250	TYP. 2" BRUSHED ALUMINUM WALL CORNER GUARD.
26 05 33.1600	TYP. ELECTRICAL BOX WITH FACEPLATE, COORDINATE FACEPLATE WITH DIV. 26, 27 AND 28.
26 05 36.0000	TYP. CONCEALED S.S. WIRE TRAY SUSPEND FROM COUNTER.



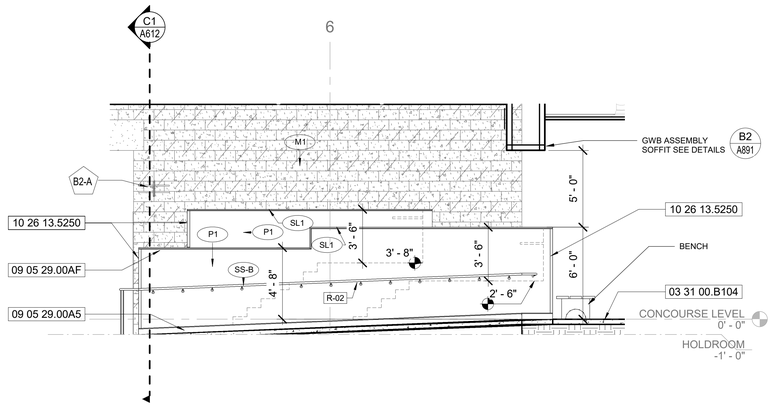
B1 FRONT ELEVATION OF LEO/TSA PODIUM

1/4" = 1'-0"



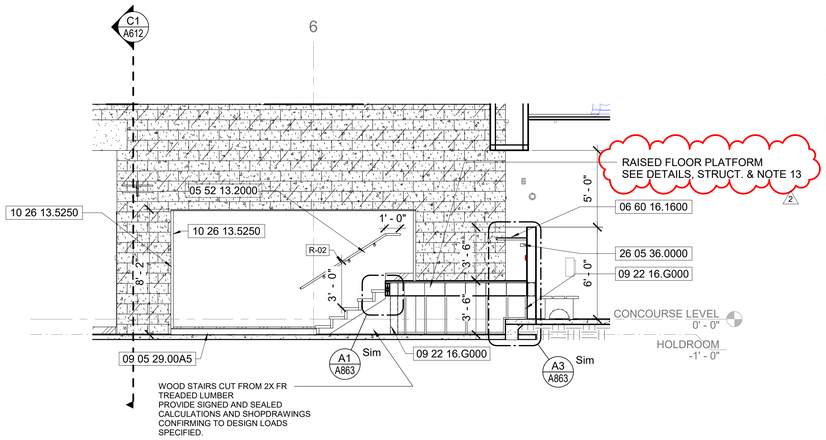
B3 SECTION AT LEO/TSA PLATFORM

1/4" = 1'-0"



A1 SIDE ELEVATION OF LEO/TSA PODIUM

1/4" = 1'-0"



A3 SECTION AT TSA PLATFORM

1/4" = 1'-0"

NOTES

1. REFER TO **AL641** FOR PARTITION TYPES
2. ALL PARTITIONS ARE DIMENSIONED FROM FACE OF FINISH TO FACE OF FINISH U.O.N.
3. ALL WALL PARTITIONS TO BE FULL HEIGHT U.O.N.
4. REFER TO **AG** SERIES SHEETS FOR WAYFINDING AND SIGNAGE.
5. MAINTAIN 1/16" SLOPE MINIMUM AND 1/4" SLOPE MAXIMUM TO AREA DRAINS
6. FOR FIRE EXTINGUISHER DETAILS REFER TO **AL710**
7. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET SERIES **A711**
8. HINGE DOORS SIDE OF DOORS TO BE LOCATED PER DETAILS FROM FACE OF ADJACENT PERPENDICULAR PARTITIONS U.O.N.
9. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
10. FOR RAILING DETAILS REFER TO SHEET **A851**
11. REFER TO **AF** SERIES SHEETS FOR FINISH INFORMATION.
12. SHOP-APPLIED GALVANIZATION FOR METAL. TOUCH UP ALL DAMAGED GALVANIZATION WITHIN 24HRS OF ERECTION
13. CONTRACTOR TO PROVIDE SIGNED AND SEALED DRAWINGS AND LOAD CALCULATIONS IN COMPLIANCE WITH FLORIDA BUILDING CODE WITH SUPPLEMENTS FOR ALL FABRICATED STAIRS, LADDERS, GRAB BARS, GUARDS, HANDRAILS AND/OR PLATFORMS. MINIMUM 50 PLF AND 200 POUND CONCENTRATED DESIGN LOADS.
14. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
15. CONCESSION AREAS SHALL BE FIT OUT AS SHELL SPACES WITH CODE MINIMUM SYSTEMS SUPPORT AS INDICATED.

LIFE SAFETY LEGEND

RATED FIRE PARTITIONS
1 = 1 HOUR FIRE PARTITION
2 = 2 HOUR FIRE PARTITION

SCALE: 3/8" = 1'-0"
0 8" 16" 32" 64"

SCALE: 1/4" = 1'-0"
0 1' 2' 4' 8'

OKALOOSA COUNTY
FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
ULM SOR-F19672
MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	MLM-19672
Designed By:	MLM, MAM
Drawn By:	ST, CC, DM, CB
Checked By:	MAM
Issue Date:	30-NOV-2020
Drawing Scale:	AS NOTED

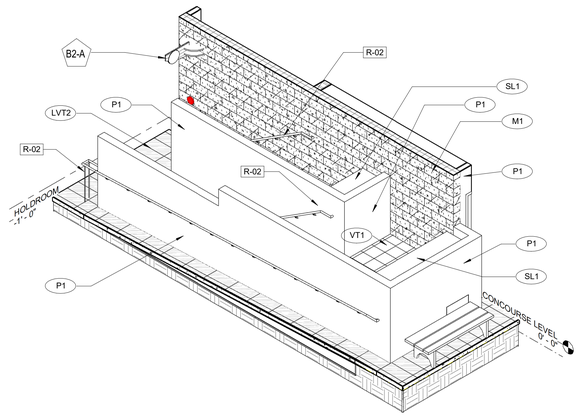
Drawing Title:
MILLWORK DETAILS LEO/TSA PODIUM
BID DOCUMENTS

Drawing No.:
A862

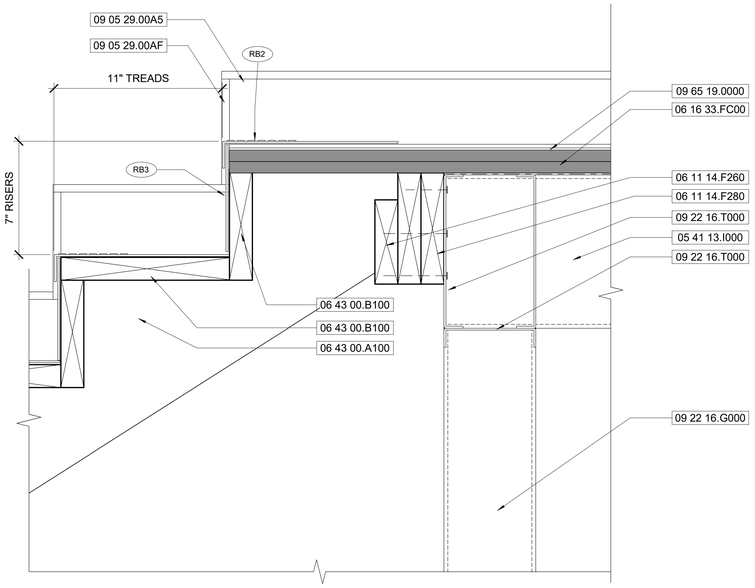
477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:23:51 AM

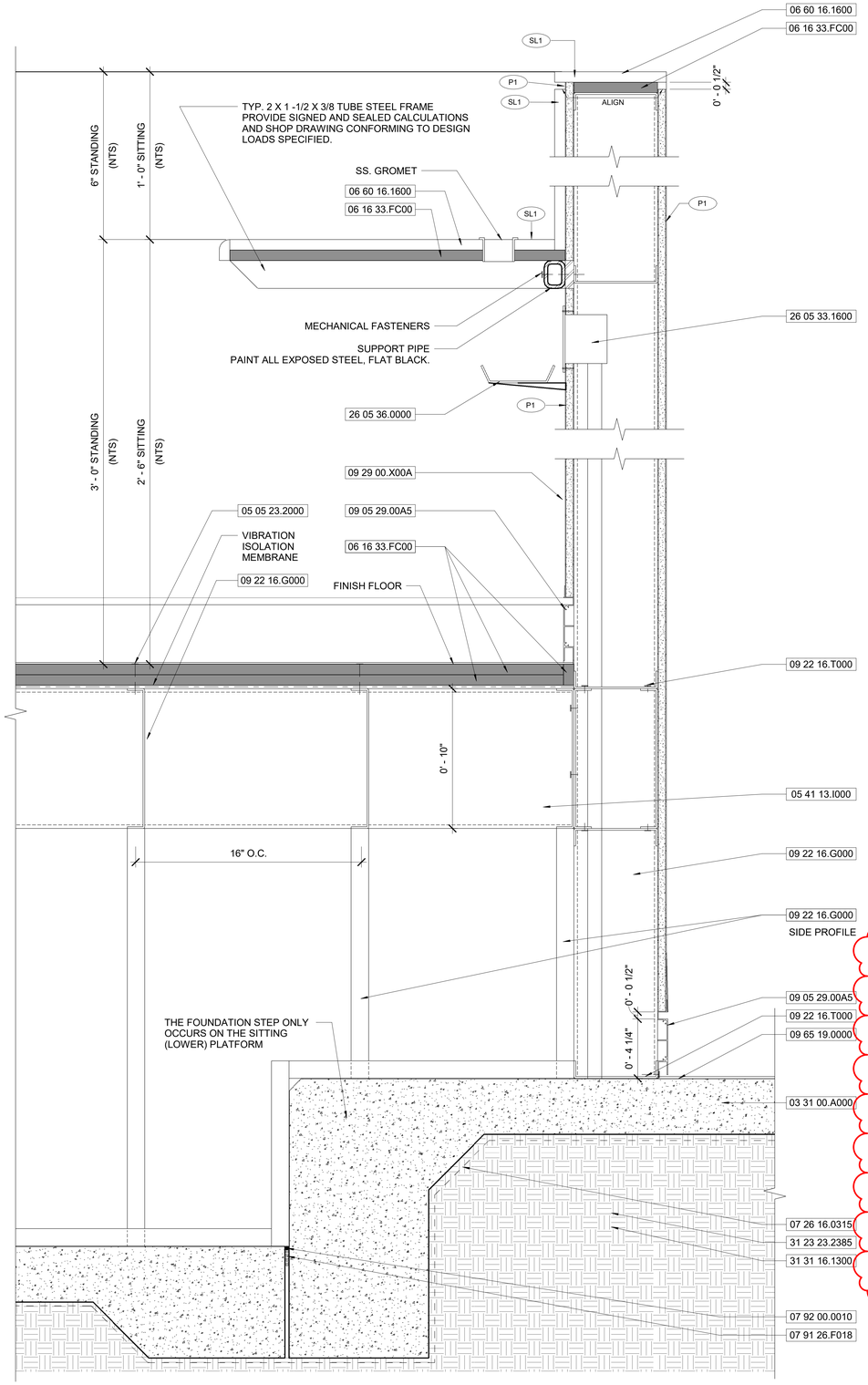


D1 PERSPECTIVE OF LEO/STA PLATFORM



A1 LEO PLATFORM STAIR SECTION DETAIL

3" = 1'-0"



A3 ELEVATED PLATFORM SECTION DETAIL

3" = 1'-0"

KEYNOTES

NO.	
03 31 00.A000	TYP. CONCRETE SLABS-ON-GRADE, SEE STRUCTURAL
05 05 23.2000	TYP. STAINLESS STEEL FASTENER(S).
05 41 13.I000	10" "C" JOIST
06 11 14.F260	TYP. 2X6 NOMINAL FIRE RETARDINT WOOD BLOCKING, CONT.
06 11 14.F280	TYP. 2X8 NOMINAL FIRE RETARDINT WOOD BLOCKING, CONT.
06 16 33.FC00	TYP. 3/4" FR PLYWOOD.
06 43 00.A100	TYP. 2X_ NOMINAL FR TREATED WOOD STRINGER CUT.
06 43 00.B100	TYP. 2X_ NOMINAL FR TREATED WOOD TREADS AND RISERS.
06 60 16.1600	TYP. SOLID SURFACING COUNTERTOPS.
07 26 16.0315	TYP. 15 MIL BELOW GRADE VAPOR BARRIER.
07 91 26.F018	TYP. 1/2" MINIERAL FIBER JOINT FILLER CONT.
07 92 00.0010	TYP. JOINT SEALANT, CONT.
09 05 29.00A5	TYP. ALUMINUM GYPSUM BOARD REVEAL BASE ACCESSORY.
09 05 29.00AF	TYP. ALUMINUM GYPSUM BOARD 'F' REVEAL ACCESSORY.
09 22 16.G000	TYPICAL 6" GALV. METAL STUD FRAMING @16" OC UNO.
09 22 16.T000	TYPICAL GALV. METAL TRACK RUNNER CONT.
09 29 00.X00A	TYPICAL 5/8" TYPE 'X' GYPSUM WALL BOARD
09 65 19.0000	TYP. LUXARY VINYL COMPOSITION TILE, SEE SCHEDULE.
26 05 33.1600	TYP. ELECTRICAL BOX WITH FACEPLATE, COORDINATE FACEPLATE WITH DIV. 26, 27 AND 28.
26 05 36.0000	TYP. CONCEALED S.S. WIRE TRAY SUSPEND FROM COUNTER.
31 23 23.2385	TYP. COMPACTED FILL TO A MIN. OF 85% COMPACTION AS PER ASTM D1557.
31 31 16.1300	TYP. SPRAY TERMITE TOXICANT BARRIER.

NOTES

1. REFER TO **AL641** FOR PARTITION TYPES
2. ALL PARTITIONS ARE DIMENSIONED FROM FACE OF FINISH TO FACE OF FINISH U.O.N.
3. ALL WALL PARTITIONS TO BE FULL HEIGHT U.O.N.
4. REFER TO **AG** SERIES SHEETS FOR WAYFINDING AND SIGNAGE.
5. MAINTAIN 1/16" SLOPE MINIMUM AND 1/4" SLOPE MAXIMUM TO AREA DRAINS.
6. FOR FIRE EXTINGUISHER DETAILS REFER TO **AL710**
7. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET SERIES **A711**
8. HINGE DOORS SIDE OF DOORS TO BE LOCATED PER DETAILS FROM FACE OF ADJACENT PERPENDICULAR PARTITIONS U.O.N.
9. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
10. FOR RAILING DETAILS REFER TO SHEET **A851**
11. REFER TO **AF** SERIES SHEETS FOR FINISH INFORMATION.
12. SHOP-APPLIED GALVANIZATION FOR METAL. TOUCH UP ALL DAMAGED GALVANIZATION WITHIN 24HRS OF ERECTION.
13. CONTRACTOR TO PROVIDE SIGNED AND SEALED DRAWINGS AND LOAD CALCULATIONS IN COMPLIANCE WITH FLORIDA BUILDING CODE WITH SUPPLEMENTS FOR ALL FABRICATED STAIRS, LADDERS, GRAB BARS, GUARDS, HANDRAILS AND/OR PLATFORMS. MINIMUM 50 PLF AND 200 POUND CONCENTRATED DESIGN LOADS.
14. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
15. CONCESSION AREAS SHALL BE FIT OUT AS SHELL SPACES WITH CODE MINIMUM SYSTEMS SUPPORT AS INDICATED.

LIFE SAFETY LEGEND

RATED FIRE PARTITIONS
1 = 1 HOUR FIRE PARTITION
2 = 2 HOUR FIRE PARTITION

2

SCALE: 3" = 1'-0"
0 1" 2" 4" 8"

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MLM SOB #19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	MLM-19672
Designed By:	MLM, MAM
Drawn By:	ST, CC, DM, CB
Checked By:	MAM
Issue Date:	30-NOV-2020
Drawing Scale:	As indicated

Drawing Title:

LEO/TSA PODIUM DETAILS

BID DOCUMENTS

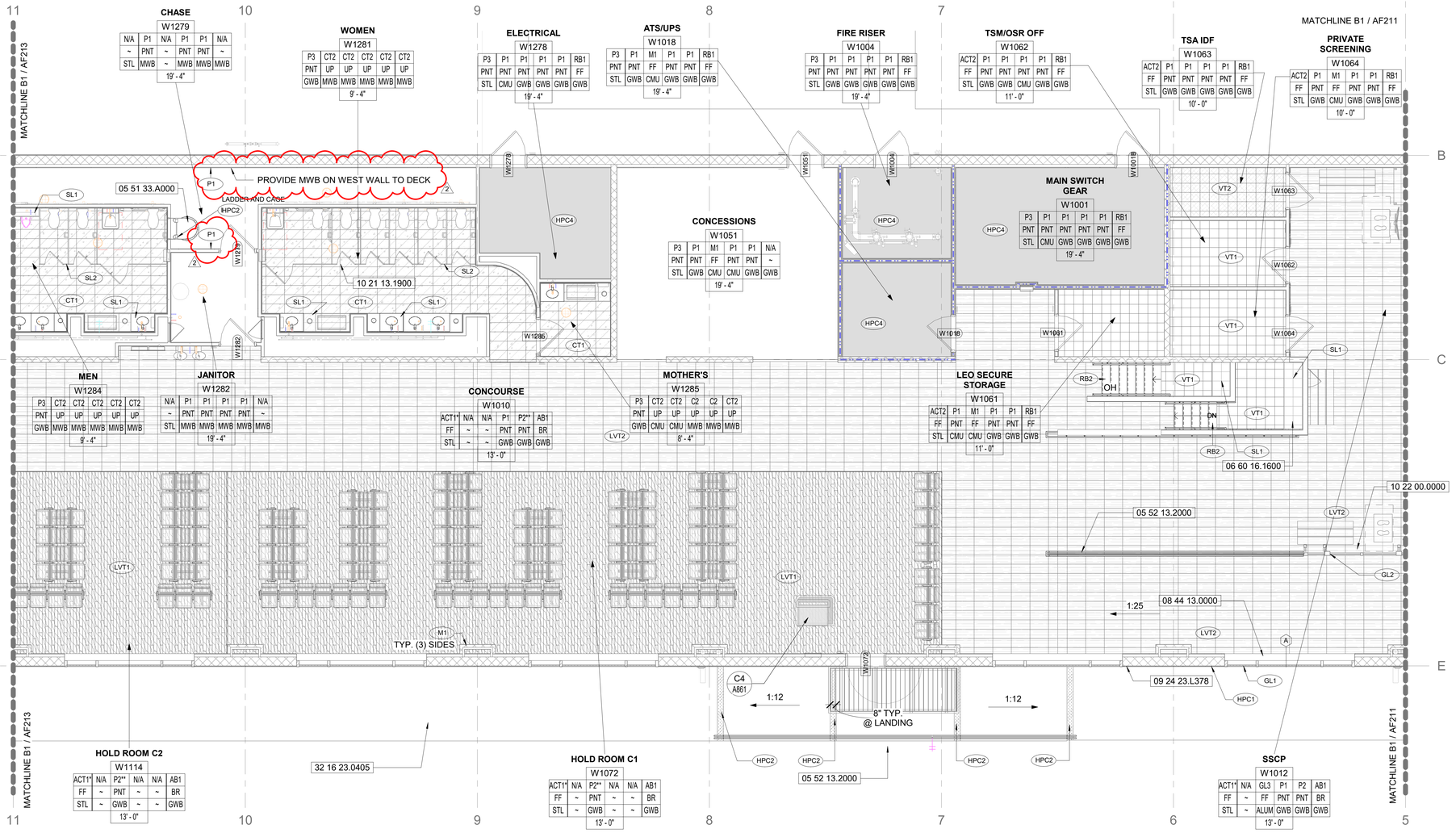
Drawing No.:

A863

477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:23:59 AM



B1 CONCOURSE AREA 2 FINISH PLAN

3/16" = 1'-0"

KEYNOTES

NO.	
05 51 33.A000	STEEL ROOF ACCESS LADDER
05 52 13.2000	TYP. STAINLESS STEEL PIPE AND TUBE RAILING.
06 60 16.1600	TYP. SOLID SURFACING COUNTERTOPS.
08 44 13.0000	TYP. GLAZED ALUMINUM CUTAIN WALL ASSEMBLY.
09 24 23.L378	TYP. SMOOTH 7/8" STUCCO, 3 COAT SYSTEM
10 21 13.1900	TYP. PLASTIC TOILET COMPARTMENT.
10 22 00.0000	TYP. GLAZED ALUMINUM DEMOUNTABLE WALL ASSEMBLY.
32 16 23.0405	TYP. 4" BROOM FINISHED CONCRETE SIDEWALK.

FINISH TAG

Room name

101 — ROOM NUMBER

C	N	E	S	W	B	FINISH CODE
FC	FN	FE	FS	FW	FB	FINISH
MC	MN	ME	MS	MW	MB	SUBSTRATE MATERIAL
		HEIGHT				AFFECTIVE CEILING HT MEASURED FROM 0'-0" CONCOURSE LEVEL
CEILING	NORTH	EAST	SOUTH	WEST	BASE	WALLS

NOTES

1. REFER TO **AL641** FOR PARTITION TYPES
2. ALL PARTITIONS ARE DIMENSIONED FROM FACE OF FINISH TO FACE OF FINISH U.O.N.
3. ALL WALL PARTITIONS TO BE FULL HEIGHT U.O.N.
4. REFER TO **AG** SERIES SHEETS FOR WAYFINDING AND SIGNAGE.
5. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET SERIES **A711**
6. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
7. REFER TO **A** SERIES SHEETS FOR DIMENSIONS.
8. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
9. CONCESSION AREAS SHALL BE FIT OUT AS SHELL SPACES WITH CODE MINIMUM SYSTEMS SUPPORT AS INDICATED.

FLOORING LEGEND

(?) MATERIAL CODE SYMBOL: SEE **AF712** FOR DEFINITIONS

- LVT1
- LVT2
- VT1
- VT2
- CT1
- CT2
- P1
- P2
- P3
- HPC2-SAFETY YELLOW
- HPC4-EPOXY
- SEALED CONC
- 1 HR RATED ASSEMBLY
- 2 HR RATED ASSEMBLY

SCALE: 3/16" = 1'-0"

0 16" 32" 64" 128"

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE. SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
ULI SOR-F19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**3/16" = 1'-0"**

Drawing Title:

ENLARGED FINISH FLOOR PLAN - AREA 2

BID DOCUMENTS

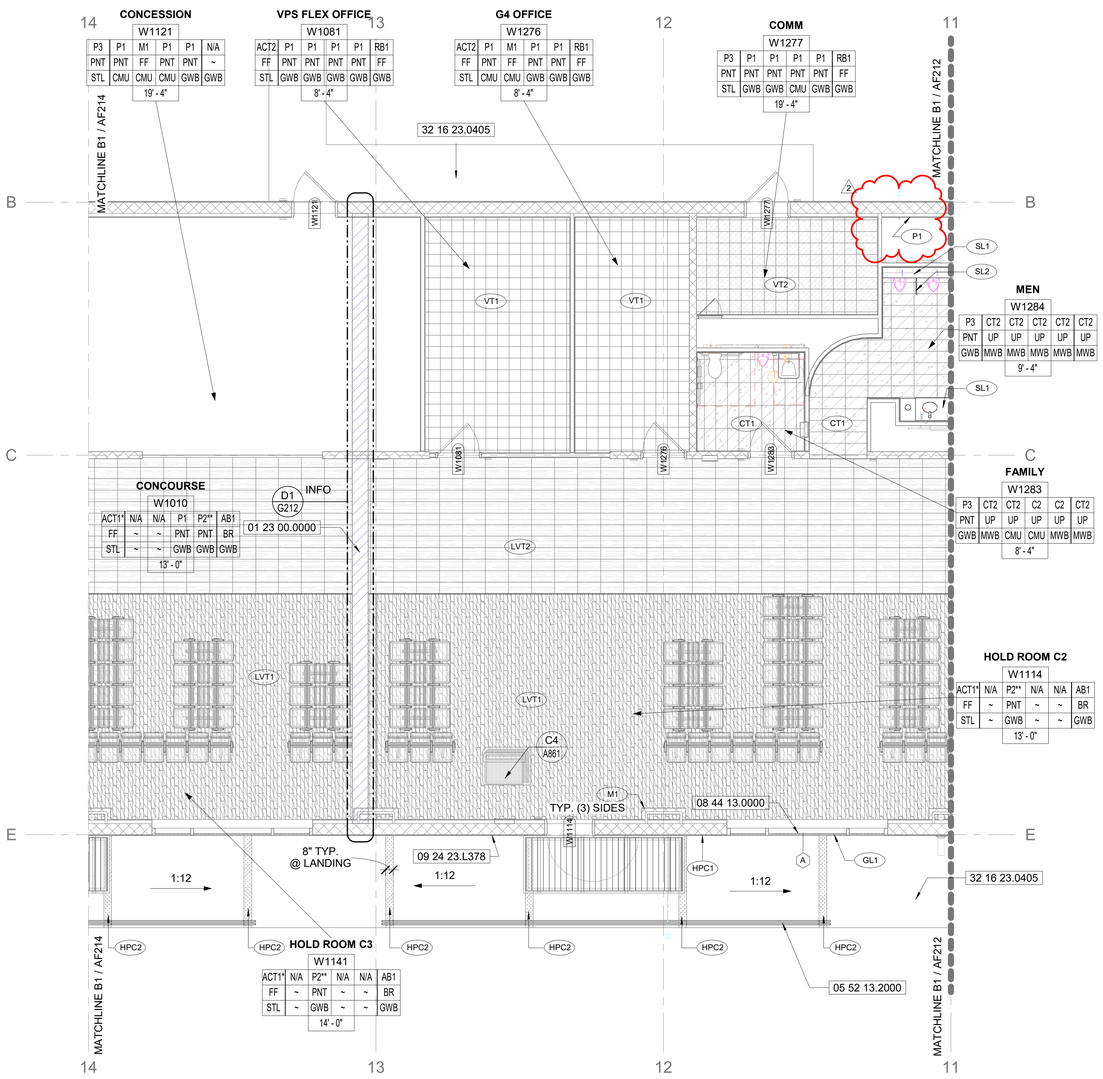
Drawing No.:

AF212

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:24:12 AM

477369-CIS-2020 & FNW-2021



B1 CONCOURSE AREA 3 FINISH PLAN

3/16" = 1'-0"

NORTH

KEYNOTES

NO.	
01 23 00.0000	LIMITS OF ALTERNATE WORK, SEE SPECIFICATIONS FOR MORE INFORMATION.
05 52 13.2000	TYP. STAINLESS STEEL PIPE AND TUBE RAILING.
08 44 13.0000	TYP. GLAZED ALUMINUM CUTAIN WALL ASSEMBLY.
09 24 23.L378	TYP. SMOOTH 7/8" STUCCO, 3 COAT SYSTEM
32 16 23.0405	TYP. 4" BROOM FINISHED CONCRETE SIDEWALK.

FINISH TAG

Room name

101 — ROOM NUMBER

C	N	E	S	W	B
FC	FN	FE	FS	FW	FB
MC	MN	ME	MS	MW	MB

FINISH CODE

FINISH

SUBSTRATE MATERIAL

HEIGHT — AFFECTIVE CEILING HT MEASURED FROM 0'-0" CONCOURSE LEVEL

CEILING, NORTH, EAST, SOUTH, WEST, BASE — WALLS

NOTES

1. REFER TO **AL641** FOR PARTITION TYPES
2. ALL PARTITIONS ARE DIMENSIONED FROM FACE OF FINISH TO FACE OF FINISH U.O.N.
3. ALL WALL PARTITIONS TO BE FULL HEIGHT U.O.N.
4. REFER TO **AG** SERIES SHEETS FOR WAYFINDING AND SIGNAGE.
5. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET SERIES **A711**
6. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
7. REFER TO **A** SERIES SHEETS FOR DIMENSIONS.
8. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
9. CONCESSION AREAS SHALL BE FIT OUT AS SHELL SPACES WITH CODE MINIMUM SYSTEMS SUPPORT AS INDICATED.

FLOORING LEGEND

? — MATERIAL CODE SYMBOL: SEE **AF712** FOR DEFINITIONS

- LVT1
- LVT2
- VT1
- VT2
- CT1
- CT2
- P1
- P2
- P3
- HPC2-SAFETY YELLOW
- HPC4-EPOXY
- SEALED CONC
- 1 HR RATED ASSEMBLY
- 2 HR RATED ASSEMBLY

SCALE: 3/16" = 1'-0"

0 16" 32" 64" 128"

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MLM SOB # 19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**3/16" = 1'-0"**

Drawing Title:

ENLARGED FINISH FLOOR PLAN - AREA 3

BID DOCUMENTS

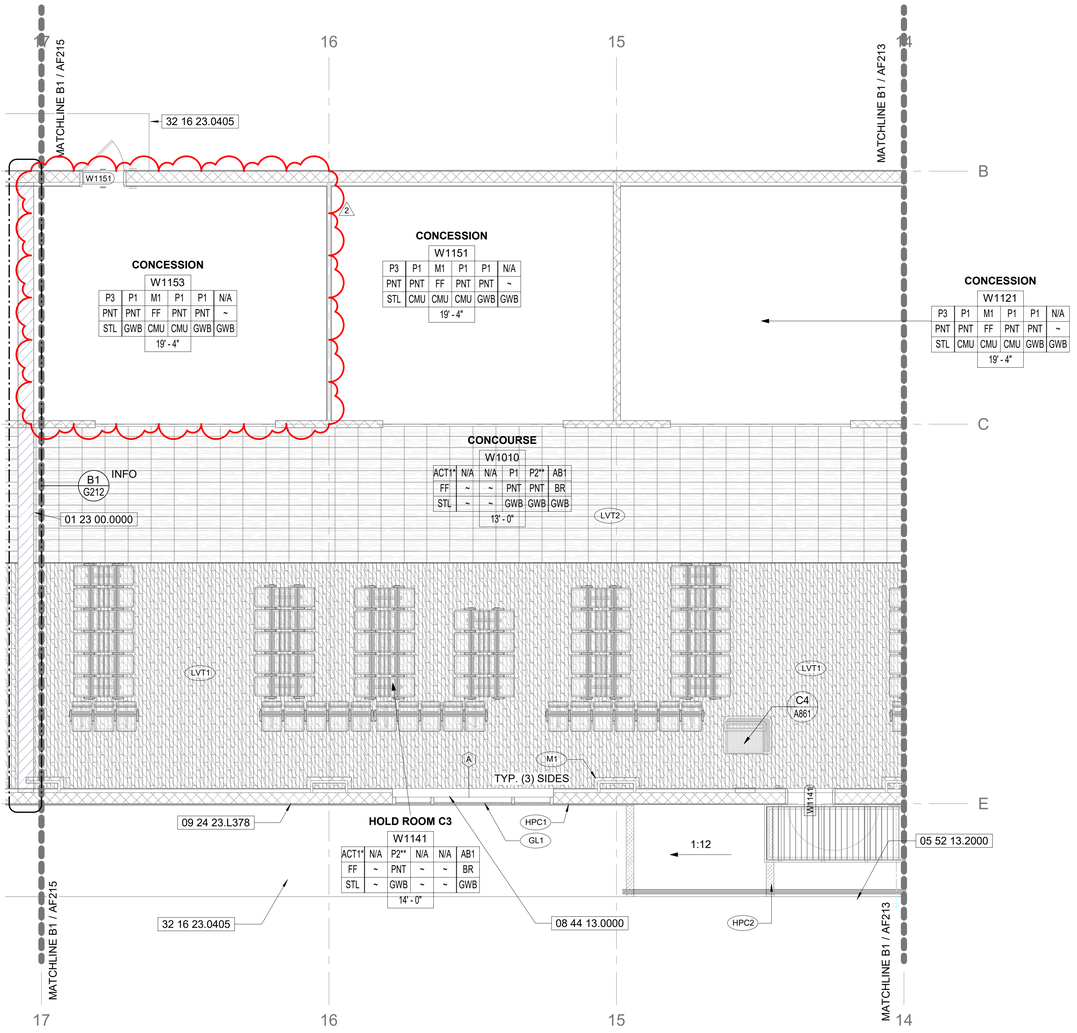
Drawing No.:

AF213

477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:24:22 AM



B1 CONCOURSE AREA 4 FINISH PLAN

3/16" = 1'-0"

NORTH

KEYNOTES

NO.	
01 23 00.0000	LIMITS OF ALTERNATE WORK, SEE SPECIFICATIONS FOR MORE INFORMATION.
05 52 13.2000	TYP. STAINLESS STEEL PIPE AND TUBE RAILING.
08 44 13.0000	TYP. GLAZED ALUMINUM CUTAIN WALL ASSEMBLY.
09 24 23.L378	TYP. SMOOTH 7/8" STUCCO, 3 COAT SYSTEM
32 16 23.0405	TYP. 4" BROOM FINISHED CONCRETE SIDEWALK.

FINISH TAG

Room name

101 — ROOM NUMBER

C	N	E	S	W	B
FC	FN	FE	FS	FW	FB
MC	MN	ME	MS	MW	MB

FINISH CODE
FINISH
SUBSTRATE MATERIAL

HEIGHT — AFFECTIVE CEILING HT MEASURED FROM 0'-0" CONCOURSE LEVEL

CEILING, NORTH, EAST, SOUTH, WEST = WALLS; BASE

NOTES

1. REFER TO **AL641** FOR PARTITION TYPES
2. ALL PARTITIONS ARE DIMENSIONED FROM FACE OF FINISH TO FACE OF FINISH U.O.N.
3. ALL WALL PARTITIONS TO BE FULL HEIGHT U.O.N.
4. REFER TO **AG** SERIES SHEETS FOR WAYFINDING AND SIGNAGE.
5. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET SERIES **A711**
6. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
7. REFER TO **A** SERIES SHEETS FOR DIMENSIONS.
8. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
9. CONCESSION AREAS SHALL BE FIT OUT AS SHELL SPACES WITH CODE MINIMUM SYSTEMS SUPPORT AS INDICATED.

FLOORING LEGEND

? — MATERIAL CODE SYMBOL: SEE **AF712** FOR DEFINITIONS

- LVT1
- LVT2
- VT1
- VT2
- CT1
- CT2
- P1
- P2
- P3
- HPC2-SAFETY YELLOW
- HPC4-EPOXY
- SEALED CONC
- 1 HR RATED ASSEMBLY
- 2 HR RATED ASSEMBLY

SCALE: 3/16" = 1'-0"

0 16" 32" 64" 128"

OKALOOSA COUNTY

FLY VPS

C19-2811- AP Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MLM SOB #19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**3/16" = 1'-0"**

Drawing Title:

ENLARGED FINISH FLOOR PLAN - AREA 4

BID DOCUMENTS

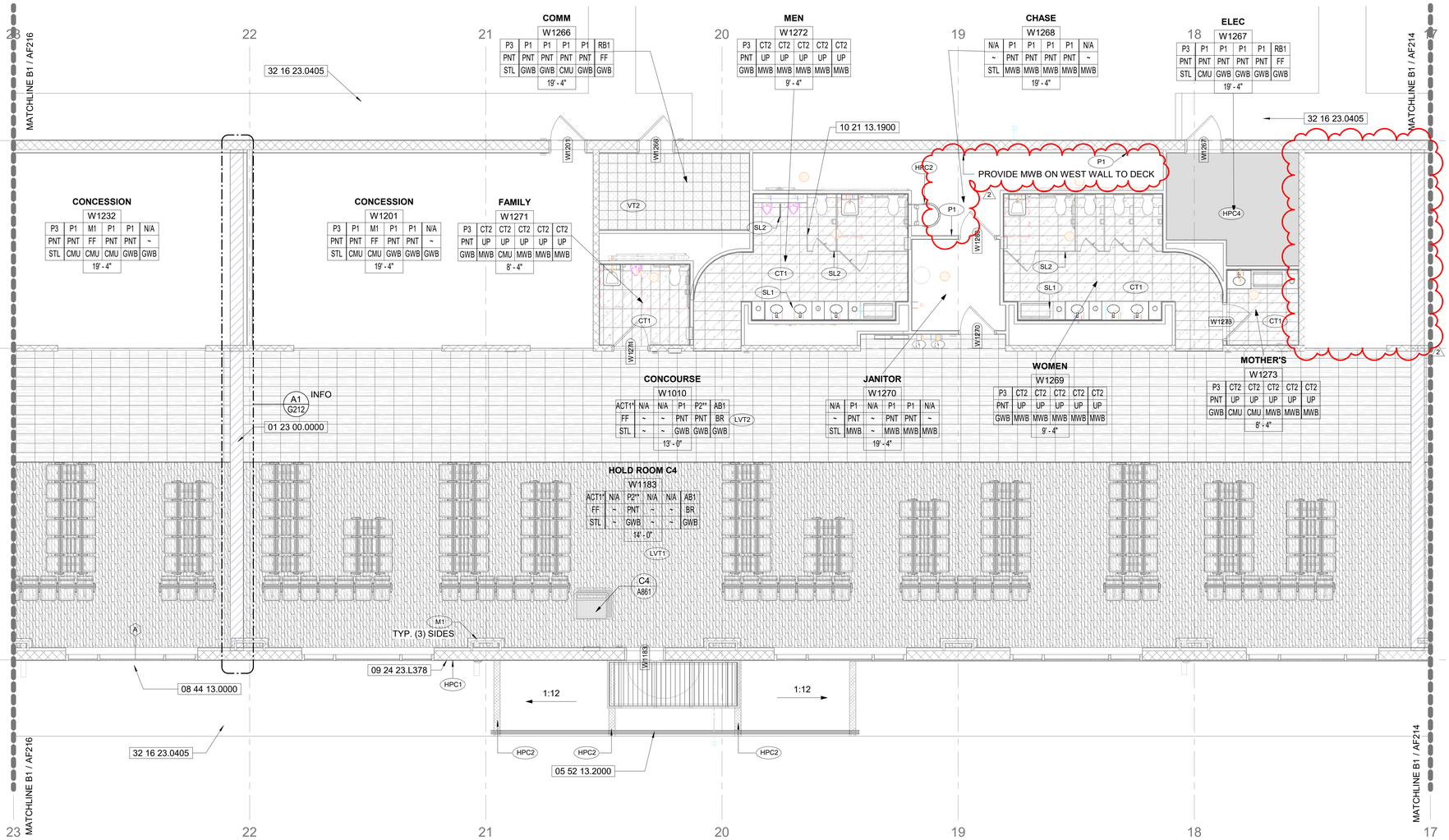
Drawing No.:

AF214

477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:24:30 AM



B1 CONCOURSE AREA 5 FINISH PLAN

3/16" = 1'-0"

NORTH

KEYNOTES

NO.	
01 23 00.0000	LIMITS OF ALTERNATE WORK, SEE SPECIFICATIONS FOR MORE INFORMATION.
05 52 13.2000	TYP. STAINLESS STEEL PIPE AND TUBE RAILING.
08 44 13.0000	TYP. GLAZED ALUMINUM CUTAIN WALL ASSEMBLY.
09 24 23.L378	TYP. SMOOTH 7/8" STUCCO, 3 COAT SYSTEM
10 21 13.1900	TYP. PLASTIC TOILET COMPARTMENT.
32 16 23.0405	TYP. 4" BROOM FINISHED CONCRETE SIDEWALK.

FINISH TAG

Room name

101 — ROOM NUMBER

C	N	N	E	S	W	B
FC	FN	FN	FE	FS	FW	FB
MC	MN	MN	ME	MS	MW	MB

FINISH CODE

FINISH

SUBSTRATE MATERIAL

HEIGHT — AFFECTIVE CEILING HT MEASURED FROM 0'-0" CONCOURSE LEVEL

CEILING / NORTH / EAST / SOUTH / WEST / BASE — WALLS

NOTES

1. REFER TO **AL641** FOR PARTITION TYPES
2. ALL PARTITIONS ARE DIMENSIONED FROM FACE OF FINISH TO FACE OF FINISH U.O.N.
3. ALL WALL PARTITIONS TO BE FULL HEIGHT U.O.N.
4. REFER TO **AG** SERIES SHEETS FOR WAYFINDING AND SIGNAGE.
5. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET SERIES **A711**
6. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
7. REFER TO **A** SERIES SHEETS FOR DIMENSIONS.
8. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
9. CONCESSION AREAS SHALL BE FIT OUT AS SHELL SPACES WITH CODE MINIMUM SYSTEMS SUPPORT AS INDICATED.

FLOORING LEGEND

? — MATERIAL CODE SYMBOL: SEE **AF712** FOR DEFINITIONS

- LVT1
- LVT2
- VT1
- VT2
- CT1
- CT2
- P1
- P2
- P3
- HPC2-SAFETY YELLOW
- HPC4-EPOXY
- SEALED CONC
- 1 HR RATED ASSEMBLY
- 2 HR RATED ASSEMBLY

SCALE: 3/16" = 1'-0"

0 16" 32" 64" 128"

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002208
MLM SOB #19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**3/16" = 1'-0"**

Drawing Title:

ENLARGED FINISH FLOOR PLAN - AREA 5

BID DOCUMENTS

Drawing No.:

AF215

477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:24:43 AM

ROOM FINISH SCHEDULE

REV	MARK	NUMBER	NAME	FLOOR			BASE			NORTH WALL			EAST WALL			SOUTH WALL			WEST WALL			CEILING				REMARKS
				MATERIAL	FINISH	CODE	MATERIAL	FINISH	CODE	MATERIAL	FINISH	CODE	MATERIAL	FINISH	CODE	MATERIAL	FINISH	CODE	MATERIAL	FINISH	CODE	MATERIAL	FINISH	CODE	HEIGHT	
00_ BASE BID																										
No		W1062	TSM/OSR OFF	CONC	FF	VT1	GWB	FF	RB1	GWB	PNT	P1	GWB	PNT	P1	CMU	PNT	P1	GWB	PNT	P1	STL	FF	ACT2	11' - 0"	
No		W1061	LEO SECURE STORAGE	CONC	FF	VT1	GWB	FF	RB1	CMU	PNT	P1	CMU	FF	M1	GWB	PNT	P1	GWB	PNT	P1	STL	FF	ACT2	11' - 0"	
No		W1063	TSA IDF	CONC	FF	VT2	GWB	FF	RB1	GWB	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	STL	FF	ACT2	10' - 0"	
No		W1004	FIRE RISER	CONC	SP	HPC4	GWB	FF	RB1	GWB	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	STL	PNT	P3	19' - 4"	
No		W1003	UNI-SEX	CONC	UP	CT1	MWB	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	GWB	UP	CT2	GWB	UP	CT2	GWB	PNT	P3	9' - 4"	
No		W1001	MAIN SWITCH GEAR	CONC	SP	HPC4	GWB	FF	RB1	CMU	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	STL	PNT	P3	19' - 4"	
No		W1005	ENTRANCE VESTIBULE	CONC	FF	LVT2	GWB	BR	AB1	GWB	PNT	P2	GWB	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	GWB	PNT	P3	9' - 4"	
No		W1006	AIRPORT WHEELCHAIR STORAGE	CONC	FF	VT1	GWB	FF	RB1	GWB	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	STL	FF	ACT2	9' - 4"	
No		W1007	EXIT VESTIBULE	CONC	FF	LVT2	GWB	BR	AB1	GWB	PNT	P2	GWB	PNT	P1	GWB	PNT	P2	GWB	PNT	P1	GWB	PNT	P3	9' - 4"	
No		W1081	VPS FLEX OFFICE	CONC	FF	VT1	GWB	FF	RB1	GWB	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	STL	FF	ACT2	8' - 4"	
No		W1051	CONCESSIONS	CONC	~	N/A	GWB	~	N/A	GWB	PNT	P1	CMU	FF	M1	CMU	PNT	P1	GWB	PNT	P1	STL	PNT	P3	19' - 4"	
No		W1064	PRIVATE SCREENING	CONC	FF	VT1	GWB	FF	RB1	GWB	PNT	P1	CMU	FF	M1	GWB	PNT	P1	GWB	PNT	P1	STL	FF	ACT2	10' - 0"	
No		W1072	HOLD ROOM C1	CONC	FF	LVT1	GWB	BR	AB1	~	~	N/A	GWB	PNT	P2**	~	~	N/A	~	~	N/A	STL	FF	ACT1*	13' - 0"	
No		W1114	HOLD ROOM C2	CONC	FF	LVT1	GWB	BR	AB1	~	~	N/A	GWB	PNT	P2**	~	~	N/A	~	~	N/A	STL	FF	ACT1*	13' - 0"	
No		W1010	CONCOURSE	CONC	FF	LVT2	GWB	BR	AB1	~	~	N/A	~	~	N/A	GWB	PNT	P1	GWB	PNT	P2**	STL	FF	ACT1*	13' - 0"	
No		W1012	SSCP	CONC	FF	LVT2	GWB	BR	AB1	~	~	N/A	ALUM	FF	GL3	GWB	PNT	P1	GWB	PNT	P2	STL	FF	ACT1*	13' - 0"	
No		W1011	QUEUE	CONC	FF	LVT2	GWB	BR	AB1	GWB	PNT	P2	ALUM	FF	GL2	~	~	N/A	GWB	PNT	P2	STL	FF	ACT1*	13' - 0"	
No		W1013	EXIT LANE	CONC	FF	LVT2	GWB	FF	AB1	GWB	PNT	P2	GWB	PNT	P2**	~	~	N/A	ALUM	FF	GL#	STL	FF	ACT1*	13' - 0"	
No		W1018	ATS/UPS	CONC	SP	HPC4	GWB	FF	RB1	GWB	PNT	P1	CMU	FF	M1	GWB	PNT	P1	GWB	PNT	P1	STL	PNT	P3	19' - 4"	
No		W1276	G4 OFFICE	CONC	FF	VT1	GWB	FF	RB1	CMU	PNT	P1	CMU	FF	M1	GWB	PNT	P1	GWB	PNT	P1	STL	FF	ACT2	8' - 4"	
No		W1277	COMM	CONC	FF	VT2	GWB	FF	RB1	GWB	PNT	P1	GWB	PNT	P1	CMU	PNT	P1	GWB	PNT	P1	STL	PNT	P3	19' - 4"	
No		W1278	ELECTRICAL	CONC	SP	HPC4	GWB	FF	RB1	CMU	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	STL	PNT	P3	19' - 4"	
No		W1279	CHASE	CONC	~	N/A	MWB	~	N/A	MWB	PNT	P1	~	~	N/A	MWB	PNT	P1	MWB	PNT	P1	STL	~	N/A	19' - 4"	PAINT LADDER SAFETY YELLOW
No		W1281	WOMEN	CONC	UP	CT1	MWB	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	GWB	PNT	P3	9' - 4"	GT1 @ CURVED WALL
No		W1282	JANITOR	CONC	~	N/A	MWB	~	N/A	MWB	PNT	P1	MWB	PNT	P1	MWB	PNT	P1	MWB	PNT	P1	STL	~	N/A	19' - 4"	
No		W1283	FAMILY	CONC	UP	CT1	MWB	UP	CT2	MWB	UP	CT2	CMU	UP	CT2	CMU	UP	C2	MWB	UP	C2	GWB	PNT	P3	8' - 4"	
No		W1284	MEN	CONC	UP	CT1	MWB	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	GWB	PNT	P3	9' - 4"	GT2 @ CURVED WALL
No		W1285	MOTHER'S	CONC	UP	CT1	MWB	UP	CT2	CMU	UP	CT2	CMU	UP	CT2	MWB	UP	C2	MWB	UP	C2	GWB	PNT	P3	8' - 4"	
No		W1286	CHASE	CONC	~	N/A	~	~	N/A	~	~	N/A	CMU	~	N/A	~	~	N/A	~	~	N/A	STL	~	N/A	19' - 4"	
No		W1287	CHASE	CONC	~	N/A	~	~	N/A	~	~	N/A	CMU	~	N/A	~	~	N/A	~	~	N/A	STL	~	N/A	19' - 4"	
01_ Alternate 1																										
No		W1151	CONCESSION	CONC	~	N/A	GWB	~	N/A	CMU	PNT	P1	CMU	FF	M1	CMU	PNT	P1	GWB	PNT	P1	STL	PNT	P3	19' - 4"	
No		W1121	CONCESSION	CONC	~	N/A	GWB	~	N/A	CMU	PNT	P1	CMU	FF	M1	CMU	PNT	P1	GWB	PNT	P1	STL	PNT	P3	19' - 4"	
No		W1141	HOLD ROOM C3	CONC	FF	LVT1	GWB	BR	AB1	~	~	N/A	GWB	PNT	P2**	~	~	N/A	~	~	N/A	STL	FF	ACT1*	14' - 0"	
Yes	2	W1153	CONCESSION	CONC	~	N/A	GWB	~	N/A	GWB	PNT	P1	CMU	FF	M1	CMU	PNT	P1	GWB	PNT	P1	STL	PNT	P3	19' - 4"	
02_ Alternate 2																										
No		W1201	CONCESSION	CONC	~	N/A	GWB	~	N/A	CMU	PNT	P1	CMU	FF	M1	GWB	PNT	P1	GWB	PNT	P1	STL	PNT	P3	19' - 4"	
No		W1183	HOLD ROOM C4	CONC	FF	LVT1	GWB	BR	AB1	~	~	N/A	GWB	PNT	P2**	~	~	N/A	~	~	N/A	STL	FF	ACT1*	14' - 0"	
No		W1266	COMM	CONC	FF	VT2	GWB	FF	RB1	GWB	PNT	P1	GWB	PNT	P1	CMU	PNT	P1	GWB	PNT	P1	STL	PNT	P3	19' - 4"	
No		W1267	ELEC	CONC	SP	HPC4	GWB	FF	RB1	CMU	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	GWB	PNT	P1	STL	PNT	P3	19' - 4"	
No		W1268	CHASE	CONC	~	N/A	MWB	~	N/A	MWB	PNT	P1	MWB	PNT	P1	MWB	PNT	P1	MWB	PNT	P1	STL	~	N/A	19' - 4"	
No		W1269	WOMEN	CONC	UP	CT1	MWB	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	GWB	PNT	P3	9' - 4"	GT1 @ CURVED WALL
No		W1270	JANITOR	CONC	~	N/A	MWB	~	N/A	MWB	PNT	P1	~	~	N/A	MWB	PNT	P1	MWB	PNT	P1	STL	~	N/A	19' - 4"	PAINT LADDER SAFETY YELLOW
No		W1271	FAMILY	CONC	UP	CT1	MWB	UP	CT2	MWB	UP	CT2	CMU	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	GWB	PNT	P3	8' - 4"	
No		W1272	MEN	CONC	UP	CT1	MWB	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	GWB	PNT	P3	9' - 4"	GT2 @ CURVED WALL
No		W1273	MOTHER'S	CONC	UP	CT1	MWB	UP	CT2	CMU	UP	CT2	CMU	UP	CT2	MWB	UP	CT2	MWB	UP	CT2	GWB	PNT	P3	8' - 4"	
No		W1274	CHASE	CONC	~	N/A	~	~	N/A	~	~	N/A	CMU	~	N/A	~	~	N/A	~	~	N/A	STL	~	N/A	19' - 4"	
No		W1275	CHASE	CONC	~	N/A	~	~	N/A	~	~	N/A	CMU	~	N/A	~	~	N/A	~	~	N/A	STL	~	N/A	19' - 4"	
03_ Alternate 3																										
No		W1232	CONCESSION	CONC	~	N/A	GWB	~	N/A	CMU	PNT	P1	CMU	FF	M1	CMU	PNT	P1	GWB	PNT	P1	STL	PNT	P3	19' - 4"	
No		W1231	HOLD ROOM C5	CONC	FF	LVT1	GWB	BR	AB1	GWB	PNT	P1	GWB	PNT	P2**	GWB	PNT	P2	GWB	PNT	P1	~	FF	ACT1*	14' - 0"	
05_ Alternate 5																										
No		W1251	OUTDOOR SEATING	CONC	~	N/A	~	~	N/A	~	~	N/A	ALUM	FF	GL1	ALUM	FF	GL1	ALUM	FF	GL1	~	~	N/A		TENSION FABRIC

NOTICE:
SCHEDULE(S) REVISED
WHEN THIS AREA IS CLOUDED
2

ADDITIONAL REMARKS

P2** BURNISHED (GRF) MASONRY EXISTS AS COMPONENT OF WALL. DO NOT PAINT BURNISHED (GRF) BLOCK.

ACT1* SUSPENDED GWB CEILING ASSEMBLIES EXIST AS COMPONENT OF CEILING. DO NOT PAINT ACT1 HOWEVER PROVIDE P3 FINISH TO SUSPENDED GWB CEILING ASSEMBLY.

GL# GLAZING APPLICATIONS VARY, SEE ELEVATIONS FOR GL TYPES.

FINISH

BR BRUSHED ALUMINUM

FF FACTORY FINISH

PNT PAINT FINISH, SEE FINISH CODE FOR MORE INFO.

SP SAND (ABRASIVE) BRODCAST ON ROLLED EPOXY RESIN.

UP UNPOLISHED FINISH.

SUBSTRATE MATERIAL

CMU CONCRETE UNIT MASONRY

CONC CAST CONCRETE

GWB TYPE 'X' GYPSUM WALL BOARD

MWB MOISTURE RESISTANT/ TILE BACKER WALL BOARD.

STL EXPOSED STRUCTURAL STEEL/DECK.

NOTES

1. ALL HOLLOW METAL DOORS AND FRAMES SHALL BE PAINTED **P4** UON.
2. WITHIN ELECTRICAL ROOMS; ALL OUSEKEEPING PADS SHALL BE PAINTED "SAFETY RED" **HPC3.**
3. SEE **AF712** FOR FINISH CODE DEFINITIONS.

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MLM SOB #19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**NO SCALE**

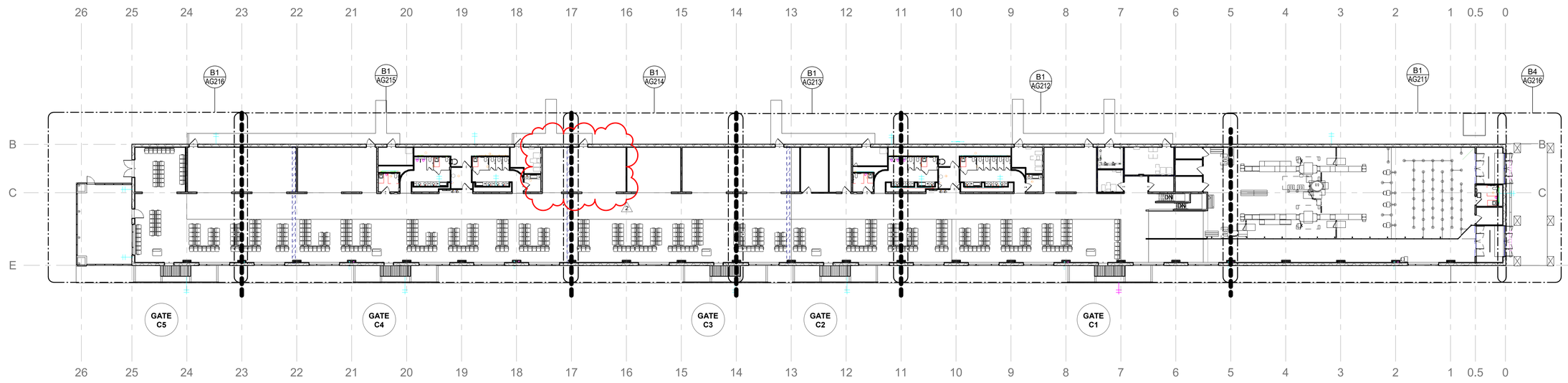
Drawing Title:

ROOM FINISH SCHEDULE

BID DOCUMENTS

Drawing No.:

AF711



D1 OVERALL CONCOURSE SIGNAGE PLAN

1" = 20'-0"

NORTH

ABCDEFGHIJKLMNOPQR STUVWXYZ0123456789

FRUTIGER BOLD

ABCDEFGHIJKLMNOPQR
STUVWXYZ0123456789

OTTAWA REGULAR

ABCDEFGHIJKLMNOPQ RSTUVWXYZ0123456789

OTTAWA BOLD

SCALE: 1" = 20'-0"

0 5' 10' 20' 40'

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	MLM-19672
Designed By:	MLM, MAM
Drawn By:	ST, CC, DM, CB
Checked By:	MAM
Issue Date:	30-NOV-2020
Drawing Scale:	1" = 20'-0"

Drawing Title:

OVERALL SIGNAGE FLOOR PLAN

BID DOCUMENTS

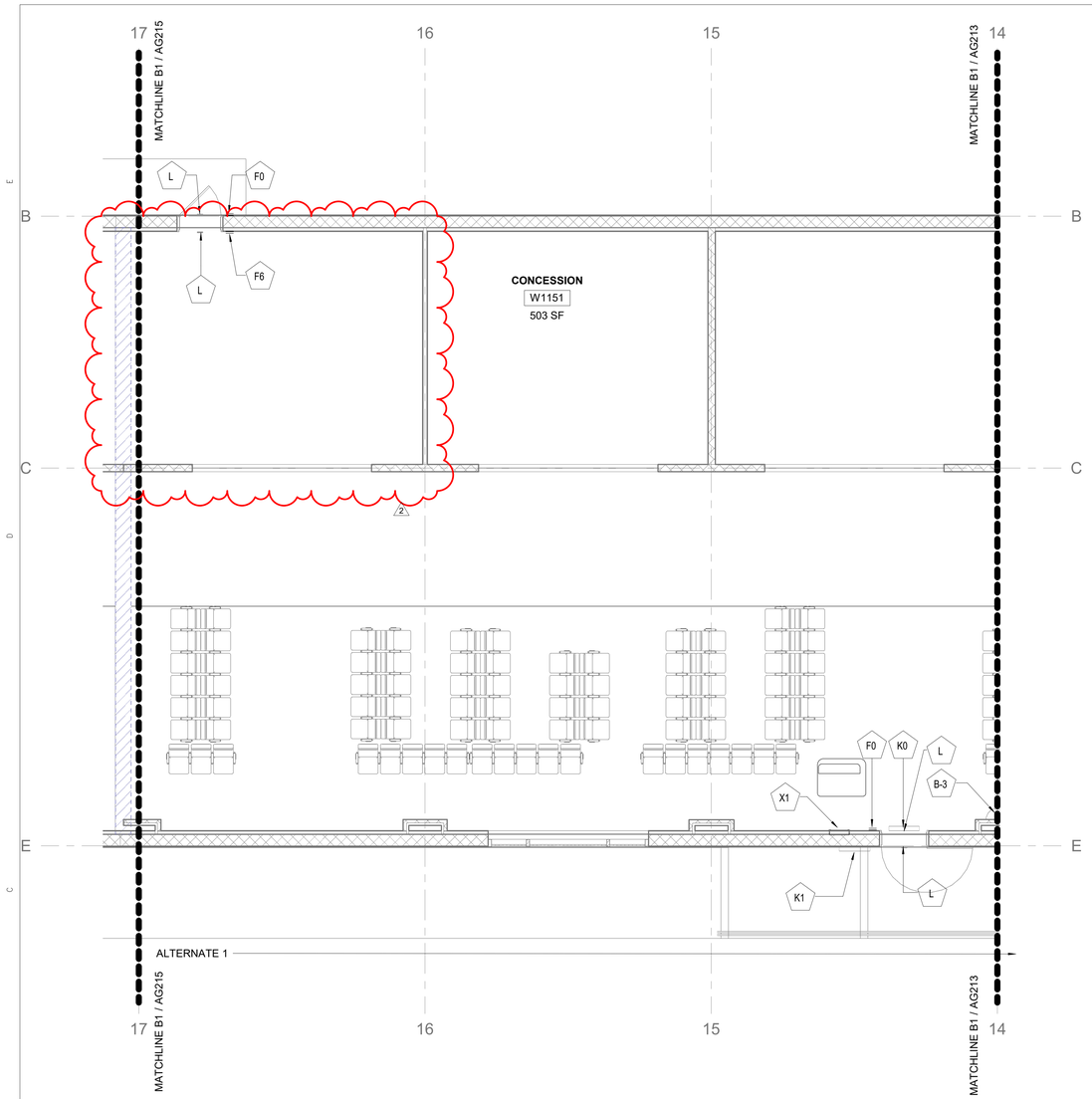
Drawing No.:

AG111

477369-CIS-2020 & FNW-2021

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:24:57 AM



B1 CONCORSE WAYFINDING PLAN

3/16" = 1'-0"

NOTES

1. REFER TO **AL641** FOR PARTITION TYPES
2. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET SERIES **A711**
3. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
4. REFER TO **A** SERIES SHEETS FOR DIMENSIONS.
5. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
6. ALL GRADE II BRAILLE IS PRESENTED FOR GRAPHIC REPRESENTATION. CONTRACTOR TO COORDINATE WITH FABRICATOR THAT ACTUAL BRAILLE PRODUCED TRANSLATES THE COPY PROVIDED.
7. MESSAGES ILLUSTRATED IN DRAWINGS ARE NOT ACTUAL MESSAGES BUT FOR LAYOUT PURPOSES ONLY. SEE MESSAGE SCHEDULE FOR SPECIFIC MESSAGES. NOTE THAT BID ISSUE OF THE MESSAGE SCHEDULE IS "DRAFT" LEVEL AND IS TO BE UPDATED BY FABRICATOR THROUGHOUT PROJECT CONSTRUCTION SUBMITTAL PROCESS.
8. SIGN LOCATION PLAN SYMBOLS INDICATE GENERAL SIGN LOCATIONS. THEY ARE NOT REPRESENTATIVE OF ACTUAL SIGN SIZES OR OR LOCATIONS. SEE MOUNTING DETAILS FOR MOUNTING LOCATION INFORMATION. CONDUCT PRE-CONSTRUCTION MEETING IN FIELD WITH AIRPORT, AND ARCHITECT TO ESTABLISH PROTOTYPICAL LOCATIONS AND HEIGHTS FOR EACH SIGN TYPE.
9. FABRICATOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR IMPACT ON FINAL SIGN DIMENSIONS PRIOR TO FABRICATION.
10. SUBSTITUTE TYPEFACES, ARROWS OR SYMBOLS WILL NOT BE ACCEPTED. ALL SYMBOLS TO BE STANDARD F.A.A., AIGA, DOT, ANSI, ADA SYMBOLS. IF NECESSARY, CONTACT ARCHITECT FOR INFORMATION ON AVAILABILITY.
11. ALL FASTENERS TO BE CONCEALED AND VANDAL RESISTANT UNLESS OTHERWISE NOTED.
12. FABRICATOR TO BE RESPONSIBLE FOR PULLING ALL PERMITS AND COORDINATING ALL INSPECTIONS REQUIRED IN CONNECTION WITH THE WORK.
13. SIGN LOCATION SYMBOLS IN PLAN ASSIGNED SHOULD BE CROSS REFRENCED TO ELEVATION FOR INDICATION THAT SIGN IS DOUBLE FACED. PROJECTIONS SIGNS ARE ALSO DOUBLE FACED.
14. FABRICATOR SHALL BE RESPONSIBLE FOR PREPARATION OF ITS SUBMITTALS AND PULLING OF ALL NECESSARY PERMITS AND VARIANCES, (IF APPLICABLE), INCLUDING SUBMITTALS FOR OTHER RELATED REVIEW COMMITTEES FOR THIS PROJECT'S JURISDICTION. TASKS ALSO INCLUDE COORDINATION OF ALL INSPECTIONS REQUIRED IN CONNECTION WITH THE WORK.
15. FABRICATOR SHALL BE RESPONSIBLE FOR LAYOUT AND PRODUCTION OF FULL SIZE TEMPLATES FOR ALL DIMENSIONAL LETTERS AND OTHER SPECIALIZED FORMATS. THESE ALSO REQUIRE THE FIELD REVIEW BY OWNER, ARCHITECT AND OTHER DESIGN PROFESSIONALS.
16. FOR SIGNS IN WHICH THE MOUNTING LOCATION IS REQUIRED TO BE ON GLASS, FABRICATOR SHALL PROVIDE VINYL SHEET PRECISION MEASURED TO SIZE OF SIGN AND APPLIED TO REVERSE SIDE OF GLASS. THE VINYL COLOR SHALL MATCH THE COLOR OF THE SIGN. THE SIGN AND ITS DOUBLE FACED TAPE ARE TO BE APPLIED TO THE VIEWING SIDE OF GLASS. THE "BACKER" VINYL SHALL BE OPTICALLY POSITIONED, SO NO "BACKER" VINYL IS SEEN.
17. DETAILS SHOWN ARE DESIGN INTENT ONLY. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND STRUCTURAL CALULATIONS TO BE REVIEWED BY DEIGNER AND AHJ.

COLOR LEGEND

- ALUMINUM ANNODIZED
- MATTHEWS "RED" - [7A-2A] PMS-179C
- BRISTOL "BLUE" - [75A-4A] PMS-5483C
- CASTLE KEEP "GREEN" - [62C-4D] PMS-7475C
- WHITE
- WHITE TEXT U.O.N.

SCALE: 3/16" = 1'-0"

0 16" 32" 64" 128"

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**3/16" = 1'-0"**

Drawing Title:

ENLARGED SIGNAGE PLAN - AREA 4

BID DOCUMENTS

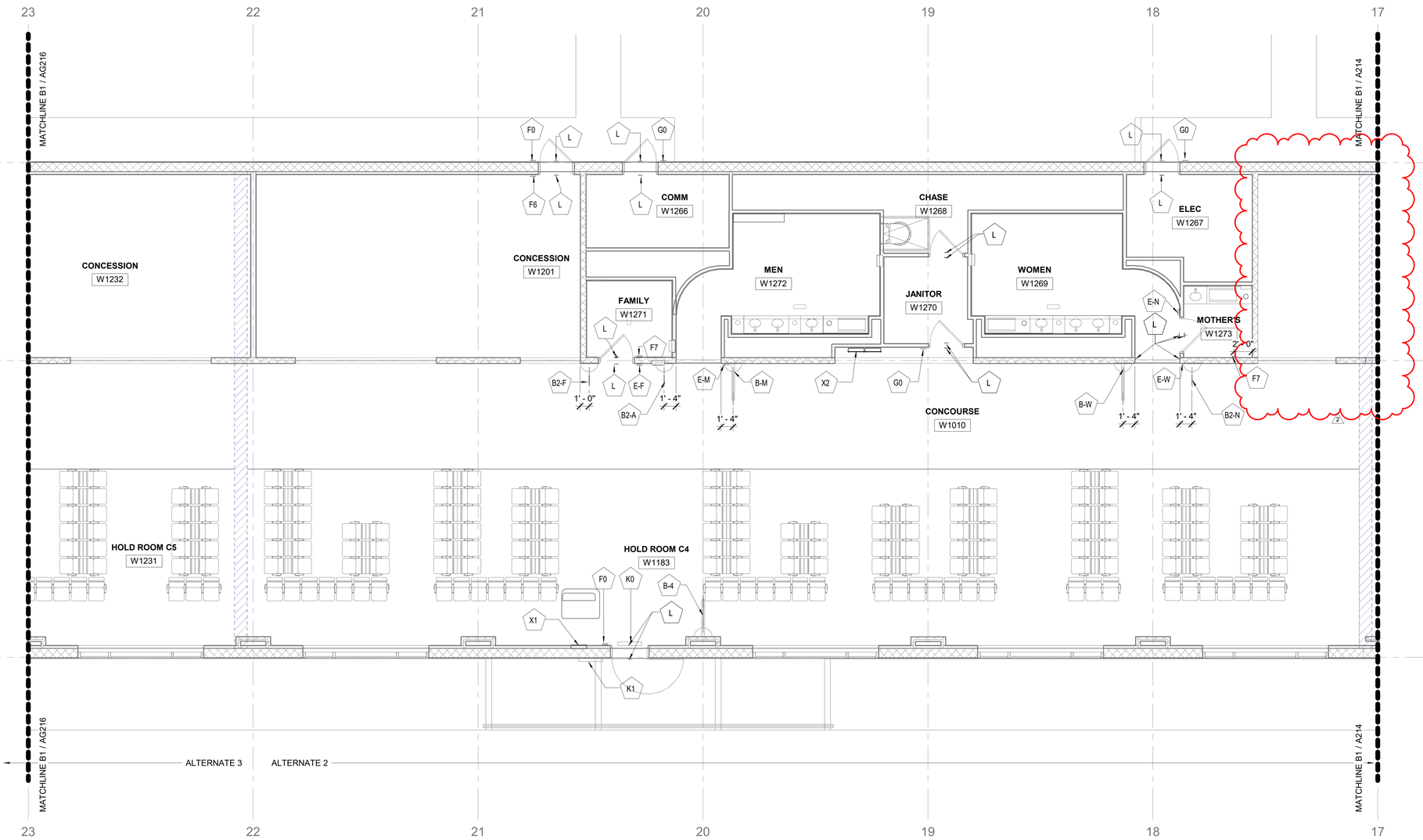
Drawing No.:

AG214

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:25:03 AM

477369-CIS-2020 & FNW-2021



B1 CONCORSE WAYFINDING PLAN

3/16" = 1'-0"

NOTES

1. REFER TO **AL641** FOR PARTITION TYPES
2. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET SERIES **A711**
3. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
4. REFER TO **A** SERIES SHEETS FOR DIMENSIONS.
5. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
6. ALL GRADE II BRAILLE IS PRESENTED FOR GRAPHIC REPRESENTATION. CONTRACTOR TO COORDINATE WITH FABRICATOR THAT ACTUAL BRAILLE PRODUCED TRANSLATES THE COPY PROVIDED.
7. MESSAGES ILLUSTRATED IN DRAWINGS ARE NOT ACTUAL MESSAGES BUT FOR LAYOUT PURPOSES ONLY. SEE MESSAGE SCHEDULE FOR SPECIFIC MESSAGES. NOTE THAT BID ISSUE OF THE MESSAGE SCHEDULE IS "DRAFT" LEVEL AND IS TO BE UPDATED BY FABRICATOR THROUGHOUT PROJECT CONSTRUCTION SUBMITTAL PROCESS.
8. SIGN LOCATION PLAN SYMBOLS INDICATE GENERAL SIGN LOCATIONS. THEY ARE NOT REPRESENTATIVE OF ACTUAL SIGN SIZES OR OR LOCATIONS. SEE MOUNTING DETAILS FOR MOUNTING LOCATION INFORMATION. CONDUCT PRE-CONSTRUCTION MEETING IN FIELD WITH AIRPORT, AND ARCHITECT TO ESTABLISH PROTOTYPICAL LOCATIONS AND HEIGHTS FOR EACH SIGN TYPE.
9. FABRICATOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR IMPACT ON FINAL SIGN DIMENSIONS PRIOR TO FABRICATION.
10. SUBSTITUTE TYPEFACES, ARROWS OR SYMBOLS WILL NOT BE ACCEPTED. ALL SYMBOLS TO BE STANDARD F.A.A., AIGA, DOT, ANSI, ADA SYMBOLS. IF NECESSARY, CONTACT ARCHITECT FOR INFORMATION ON AVAILABILITY.
11. ALL FASTENERS TO BE CONCEALED AND VANDAL RESISTANT UNLESS OTHERWISE NOTED.
12. FABRICATOR TO BE RESPONSIBLE FOR PULLING ALL PERMITS AND COORDINATING ALL INSPECTIONS REQUIRED IN CONNECTION WITH THE WORK.
13. SIGN LOCATION SYMBOLS IN PLAN ASSIGNED SHOULD BE CROSS REFRENCED TO ELEVATION FOR INDICATION THAT SIGN IS DOUBLE FACED. PROJECTIONS SIGNS ARE ALSO DOUBLE FACED.
14. FABRICATOR SHALL BE RESPONSIBLE FOR PREPARATION OF ITS SUBMITTALS AND PULLING OF ALL NECESSARY PERMITS AND VARIANCES, (IF APPLICABLE), INCLUDING SUBMITTALS FOR OTHER RELATED REVIEW COMMITTEES FOR THIS PROJECT'S JURISDICTION. TASKS ALSO INCLUDE COORDINATION OF ALL INSPECTIONS REQUIRED IN CONNECTION WITH THE WORK.
15. FABRICATOR SHALL BE RESPONSIBLE FOR LAYOUT AND PRODUCTION OF FULL SIZE TEMPLATES FOR ALL DIMENSIONAL LETTERS AND OTHER SPECIALIZED FORMATS. THESE ALSO REQUIRE THE FIELD REVIEW BY OWNER, ARCHITECT AND OTHER DESIGN PROFESSIONALS.
16. FOR SIGNS IN WHICH THE MOUNTING LOCATION IS REQUIRED TO BE ON GLASS, FABRICATOR SHALL PROVIDE VINYL SHEET PRECISION MEASURED TO SIZE OF SIGN AND APPLIED TO REVERSE SIDE OF GLASS. THE VINYL COLOR SHALL MATCH THE COLOR OF THE SIGN. THE SIGN AND ITS DOUBLE FACED TAPE ARE TO BE APPLIED TO THE VIEWING SIDE OF GLASS, THE "BACKER" VINYL SHALL BE OPTICALLY POSITIONED, SO NO "BACKER" VINYL IS SEEN.
17. DETAILS SHOWN ARE DESIGN INTENT ONLY. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND STRUCTURAL CALULATIONS TO BE REVIEWED BY DEIGNER AND AHJ.

COLOR LEGEND

- ALUMINUM ANNODIZED
- MATTHEWS "RED" - [7A-2A] PMS-179C
- BRISTOL "BLUE" - [75A-4A] PMS-5483C
- CASTLE KEEP "GREEN" - [62C-4D] PMS-7475C
- WHITE
- WHITE TEXT U.O.N.

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE.
SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002708
MLM SOB #19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MLM, MAM**
Drawn By:	**ST, CC, DM, CB**
Checked By:	**MAM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**3/16" = 1'-0"**

Drawing Title:

ENLARGED SIGNAGE PLAN - AREA 5

BID DOCUMENTS

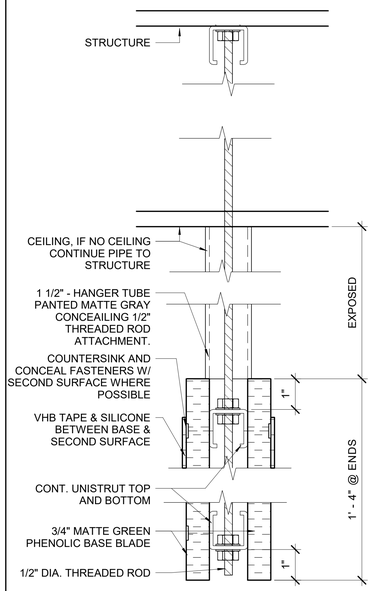
Drawing No.:

AG215

477369-CIS-2020 & FNW-2021

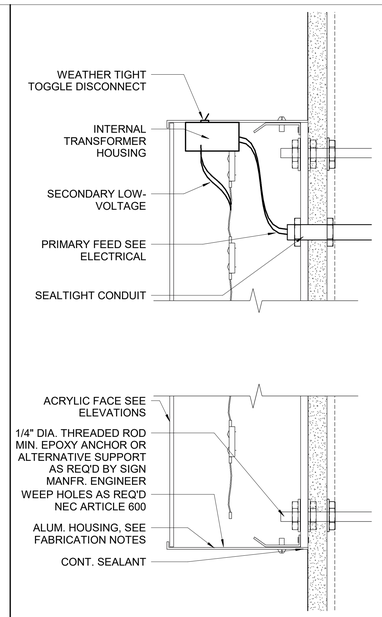
BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt

3/2/2021 9:25:12 AM



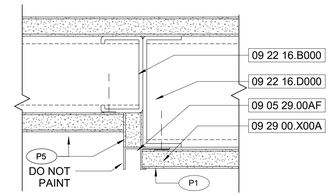
D3 BLADE SIGN

6" = 1'-0"



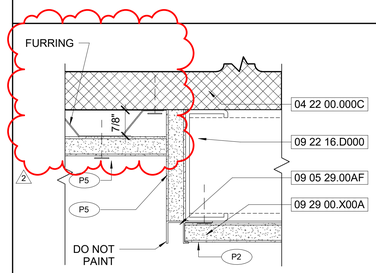
D4 GATE IDENTITY

6" = 1'-0"



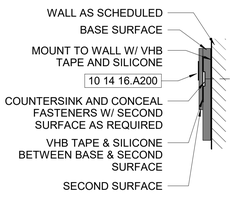
E5 TRIM @ 'X2' TYPE SIGN

6" = 1'-0"



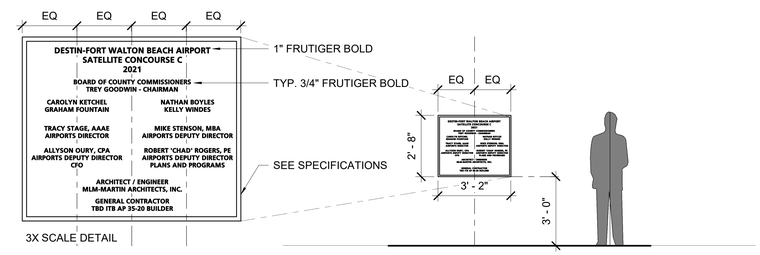
D5 TRIM @ 'X1' TYPE SIGN

6" = 1'-0"



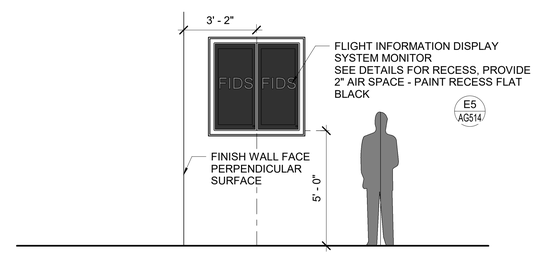
C5 E-F-G SIGN TYPE MOUNT

6" = 1'-0"



A2 [P] DEDICATION PLAQUE

3/8" = 1'-0"



A4 [X2] FIDS DISPLAY

3/8" = 1'-0"

KEYNOTES

NO.	
04 22 00.000C	TYP. 12" NOMINAL CONCRETE MASONRY UNIT
09 05 29.00AF	TYP. ALUMINUM GYPSUM BOARD 'F' REVEAL ACCESSORY.
09 22 16.B000	TYPICAL 2 1/2" GALV. METAL STUD FRAMING @ 24" OC UNO.
09 22 16.D000	TYPICAL 3 5/8" GALV. METAL STUD FRAMING @ 24" OC UNO.
09 29 00.X00A	TYPICAL 5/8" TYPE 'X' GYPSUM WALL BOARD
10 14 16.A200	TYPICAL TACTILE SYMBOL - REFER TO SCHEDULE FOR SYMBOL

NOTES

1. REFER TO **AL641** FOR PARTITION TYPES
2. FOR DOOR TYPES AND SCHEDULES REFER TO SHEET SERIES **A711**
3. REFER TO ELECTRICAL, TELECOM, AV, AND SIGNAGE DRAWINGS FOR OUTLET INFORMATION.
4. REFER TO A SERIES SHEETS FOR DIMENSIONS.
5. AREA DESIGNATED FOR FUTURE WORK (NIC). CONTRACTOR SHALL KEEP THIS AREA CLEAR OF ANY BUILT ELEMENTS ABOVE AND/OR BELOW GROUND UNLESS OTHERWISE NOTED WITHIN THE SCOPE OF THIS PROJECT.
6. ALL GRADE II BRAILLE IS PRESENTED FOR GRAPHIC REPRESENTATION. CONTRACTOR TO COORDINATE WITH FABRICATOR THAT ACTUAL BRAILLE PRODUCED TRANSLATES THE COPY PROVIDED.
7. MESSAGES ILLUSTRATED IN DRAWINGS ARE NOT ACTUAL MESSAGES BUT FOR LAYOUT PURPOSES ONLY. SEE MESSAGE SCHEDULE FOR SPECIFIC MESSAGES. NOTE THAT BID ISSUE OF THE MESSAGE SCHEDULE IS 'DRAFT' LEVEL AND IS TO BE UPDATED BY FABRICATOR THROUGHOUT PROJECT CONSTRUCTION SUBMITTAL PROCESS.
8. SIGN LOCATION PLAN SYMBOLS INDICATE GENERAL SIGN LOCATIONS. THEY ARE NOT REPRESENTATIVE OF ACTUAL SIGN SIZES OR OR LOCATIONS. SEE MOUNTING DETAILS FOR MOUNTING LOCATION INFORMATION. CONDUCT PRE-CONSTRUCTION MEETING IN FIELD WITH AIRPORT, AND ARCHITECT TO ESTABLISH PROTOTYPICAL LOCATIONS AND HEIGHTS FOR EACH SIGN TYPE.
9. FABRICATOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR IMPACT ON FINAL SIGN DIMENSIONS PRIOR TO FABRICATION.
10. SUBSTITUTE TYPEFACES, ARROWS OR SYMBOLS WILL NOT BE ACCEPTED. ALL SYMBOLS TO BE STANDARD F.A.A., AIGA, DOT, ANSI, ADA SYMBOLS. IF NECESSARY, CONTACT ARCHITECT FOR INFORMATION ON AVAILABILITY.
11. ALL FASTENERS TO BE CONCEALED AND VANDAL RESISTANT UNLESS OTHERWISE NOTED.
12. FABRICATOR TO BE RESPONSIBLE FOR PULLING ALL PERMITS AND COORDINATING ALL INSPECTIONS REQUIRED IN CONNECTION WITH THE WORK.
13. SIGN LOCATION SYMBOLS IN PLAN ASSIGNED SHOULD BE CROSS REFRENCED TO ELEVATION FOR INDICATION THAT SIGN IS DOUBLE FACED. PROJECTIONS SIGNS ARE ALSO DOUBLE FACED.
14. FABRICATOR SHALL BE RESPONSIBLE FOR PREPARATION OF ITS SUBMITTALS AND PULLING OF ALL NECESSARY PERMITS AND VARIANCES, (IF APPLICABLE), INCLUDING SUBMITTALS FOR OTHER RELATED REVIEW COMMITTEES FOR THIS PROJECT'S JURISDICTION. TASKS ALSO INCLUDE COORDINATION OF ALL INSPECTIONS REQUIRED IN CONNECTION WITH THE WORK.
15. FABRICATOR SHALL BE RESPONSIBLE FOR LAYOUT AND PRODUCTION OF FULL SIZE TEMPLATES FOR ALL DIMENSIONAL LETTERS AND OTHER SPECIALIZED FORMATS. THESE ALSO REQUIRE THE FIELD REVIEW BY OWNER, ARCHITECT AND OTHER DESIGN PROFESSIONALS.
16. FOR SIGNS IN WHICH THE MOUNTING LOCATION IS REQUIRED TO BE ON GLASS, FABRICATOR SHALL PROVIDE VINYL SHEET PRECISION MEASURED TO SIZE OF SIGN AND APPLIED TO REVERSE SIDE OF GLASS. THE VINYL COLOR SHALL MATCH THE COLOR OF THE SIGN, THE SIGN AND ITS DOUBLE FACED TAPE ARE TO BE APPLIED TO THE VIEWING SIDE OF GLASS. THE "BACKER" VINYL SHALL BE OPTICALLY POSITIONED, SO NO "BACKER" VINYL IS SEEN.
17. DETAILS SHOWN ARE DESIGN INTENT ONLY. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND STRUCTURAL CALULATIONS TO BE REVIEWED BY DEIGNER AND AHJ.

COLOR LEGEND

- ALUMINUM ANNODIZED
- MATTHEWS "RED" - [7A-2A] PMS-179C
- BRISTOL "BLUE" - [75A-4A] PMS-5483C
- CASTLE KEEP "GREEN" - [62C-4D] PMS-7475C
- WHITE
- WHITE TEXT U.O.N.

ELEVATION INDEX

P X2

SCALE: 6" = 1'-0"

0 1/2" 1" 2" 4"

SCALE: 3/8" = 1'-0"

0 8" 16" 32" 64"

OKALOOSA COUNTY

FLY VPS

C19-2811- AP
Construction of Satellite Concourse 'C'

MLM-MARTIN ARCHITECTS, INC.
668 N. ORLANDO AVE. SUITE 107
MAITLAND, FL 32751
407.897.6764 (VOICE)
407.894.1338 (FAX)
WWW.MLM-MARTIN.COM
AA-C002208
MLM SOB #19672

MIGUEL ANTONIO MARTIN
FL AR-98279

SEAL

Revisions

No.	Date	Description
2	02-MAR-2021	ADDENDUM 002

Project No.:	**MLM-19672**
Designed By:	**MAM**
Drawn By:	**MAM ST CC**
Checked By:	**MAM MLM**
Issue Date:	**30-NOV-2020**
Drawing Scale:	**As indicated**

Drawing Title:

SIGN TYPE ELEVATIONS & DETAILS

BID DOCUMENTS

Drawing No.:

AG514

BIM 360://Design of Satellite Concourse/VPS-MLM_A.rvt
3/2/2021 9:25:18 AM
477369-CIS-2020 & FNW-2021

Bid Schedule
ITB AP 21-21 CONSTRUCTION OF SATTELLITE CONCOURSE "C" at
VPS Destin – Fort Walton Beach Airport

Item No.	Item Description	Quantity	Unit	Base Amount	CxA of HVAC (230800) Additional Amount	Add Alternate NO 6 Substitute Ceiling Tile	Deductive Alternate NO 7 Substitute Wall Tile	Seating Allowance	Landscape Allowance	TOTALS
BB	BASE BID: Entry, TSA Support, (SSCP) Security Screening Check Point, Restroom Core 1, Holdroom C1 & C2, Reference Line 0-13	1	1	$	$	$	$	$ 50,000.00	$ 40,000.00	$
1	ADD ALTERNATE NO 1: Concessions, Holdroom C3, Reference Line 13-17	1	1	$	$	$	N/A	$ 25,000.00	N/A	$
2	ADD ALTERNATE NO 2: Concessions, Restroom Core 2. Holdroom C4, Reference Line 17-22	1	1	$	$	$	$	$ 25,000.00	N/A	$
3	ADD ALTERNATE NO 3: Holdroom C5, Reference Line 22-25	1	1	$	$	$	N/A	$ 25,000.00	N/A	$
4	ADD ALTERNATE NO 4: Covered Entry Canopy and Structure Only; SLAB IS IN BASE BID	1	1	$	$	N/A	N/A	N/A	N/A	$
5	ADD ALTERNATE NO 5: Outdoor Seating Area (Concessions)	1	1	$	$	N/A	N/A	N/A	N/A	$
			TOTALS	**$**	**$**	**$**	**$**	**$**	**$**	

TOTAL AMOUNT BID:	**$**

SIDA FENCE (see Civil)	**$**	Cost / LF
SIDA FENCE FOR FULL BUILD SEE B1/G211	**$**	~36 LF
SIDA FENCE FOR BASE BID + 2 ALTS SEE A1/G212	**$**	~109 LF
SIDA FENCE FOR BASE BID + 1 ALT SEE B1/G212	**$**	~234 LF
SIDA FENCE FOR BASE BID SEE D1/G213	**$**	~334 LF

****If a contactor would like to have a copy of this bid sheet in Excel format, please email jdarr@myokaloosa.com to request a copy.****

INSURANCE COMPLIANCE

This form is to be completed and signed by the Contractor and by your insurance agent/carrier certifying that your policy either meets the insurance requirements (as specified in page OCSC-1 to OCSC-6) or that the insurance company has reviewed the bid requirements and certifies that you were bid any price increase due to required coverage.

CONTRACTOR

I certify that the insurance requirements have been reviewed.

Company Name _____

Address _____

Representative

Name _____

Title _____

Phone Number _____

INSURANCE COMPANY

I certify that the insurance requirements have been reviewed with the above contractor.

Company Name _____

Address _____

Representative

Name _____

Title _____

Phone Number _____

DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

The following bid condition applies to this Department of Transportation (DOT) assisted contract. Submission of a bid/proposal by a prospective contractor shall constitute full acceptance of these bid conditions.

1. **DEFINITION -** Disadvantaged Business Enterprise (DBE) as used in this contract shall have the same meaning as defined in 49 CFR Part 26.

2. **POLICY -** It is the policy of DOT that DBE's as: defined in 49 CFR Part 26 shall have the maximum opportunity to participate in the performance of contracts and subcontracts financed in whole or in part with Federal funds. Consequently, the DBE requirements of 49 CFR Part 26 apply to this contract.

3. **OBLIGATION -** The contractor agrees to ensure that DBE's as defined In 49 CFR Part 26 have the maximum opportunity to participate in the performance of contracts and subcontracts financed in whole or in part with Federal funds. In this regard, all contractors shall take all necessary and reasonable steps in accordance with 49 CFR Part 26 to ensure that DBE's have the maximum opportunity to compete for and perform contracts. Contractors shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of DOT assisted contracts.

4. **COMPLIANCE -** All bidders, potential contractors, or subcontractors for this DOT assisted contract are hereby notified that failure to carry out the DOT policy and the DBE obligation, as set forth above, shall constitute a breach of contract which may result in termination of the contract or such other remedy as deemed appropriate by the owner.

5. **CONTRACT CLAUSE -** All bidders and potential contractors hereby assure that they will include the above clauses in all subcontracts, which offer further subcontracting opportunities.

6. **CONTRACT AWARD -** Bidders are hereby advised that meeting the DBE subcontract goal or making an acceptable good faith effort to meet said goal are conditions of being awarded this FDOT assigned contract.

   The owner proposes to award the contract to the lowest responsive and responsible bidder submitting a reasonable bid provided he has met the goal for DBE participation or, if failing to meet the goal, he has made an acceptable good faith effort to meet the established goal for DBE participation (if any). Bidder is advised that the owner reserves the right to reject any or all bids submitted.

7. **DBE PARTICIPATION GOAL – A DBE goal of 6.67% has been established for this project; the contractor must meet or exceed this goal or make a good faith effort to include as much DBE participation as possible. The good faith effort must be documented for the anticipated DBE participation or efforts made to meet the goal.**

8. **AVAILABLE DBE'S –** The FDOT maintains an online searchable database of DBE firms at https://www3.dot.state.fl.us/equalopportunityoffice/biznet. This program contains listing of DBE's (certified and noncertified). Bidders are encouraged to inspect this list to assist in locating DBEs for the work. Other DBEs may be added to the list in accordance with the owner's approved DBE program. Credit toward the DBE goal will not be counted unless the DBE to be used can be certified by the owner.

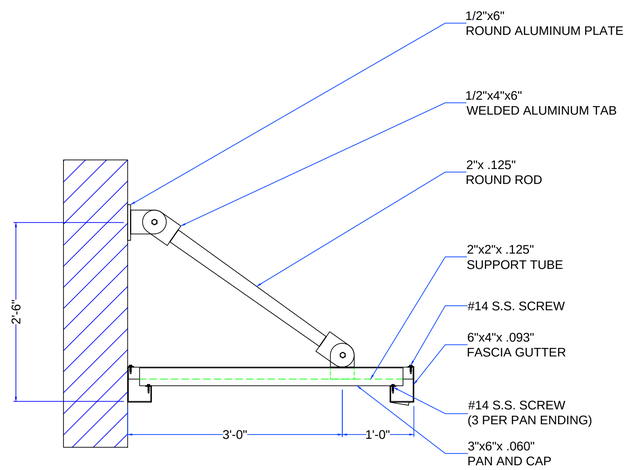
DBE CERTIFICATE OF COMPLIANCE FORM

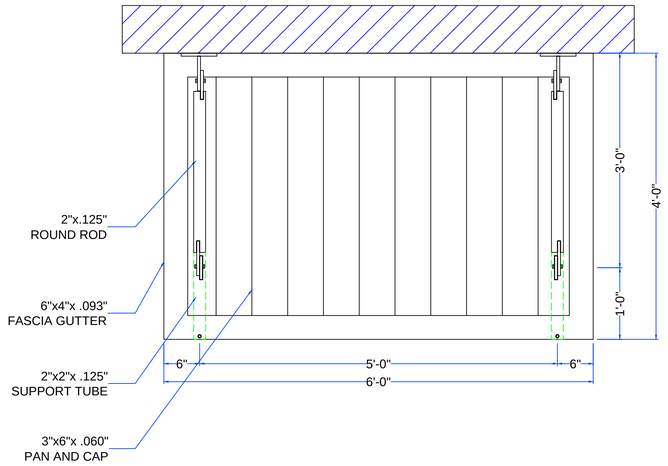
The Florida Department of Transportation maintains an online searchable database of DBE firms at (https://www3.dot.state.fl.us/equalopportunityoffice/biznet).

Okaloosa County intends to utilize and implement this program in the awarding of this contract.

This is to certify that I have reviewed the plan, bid evaluation procedure, and DBE directory and will make all reasonable efforts to include DBE Contractors as outlined in pages BF-44 through BF-47.

_____	_____
Contractor's Signature	Date
_____	_____
Title	Notary Public





Not Issued by A/E

10:19 pm, Mar 01, 2021 MLM-MARTIN ARCHITECTS, INC.

See Add-002 Question 23

10:19 pm, Mar 01, 2021 MLM-MARTIN ARCHITECTS, INC.

GSM
GULF SOUTH METALS
17869 SAMANTHA DRIVE FOLEY, AL 36535-9473
PHONE (251)943-6443 FAX (251)943-6432

NO.	REVISION DESCRIPTION	BY	DATE

GEN. CONTRACTOR:

ARCHITECT: CWA

DRAWN BY: ADAM NOLEN

SCALE: AS NOTED

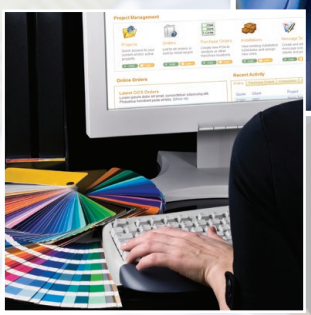
DATE: FEB. 4, 2014

OVERHEAD 2

asi®
Signage Innovations™

Service Capabilities

More than 45 years of proven leadership and signage innovation



Quality. Experience. Innovation.

asisignage.com | 800.274.7732

Managing Your Brand Identity

Brand identity is a fundamental aspect of any business and ASI consults with every client to ensure your brand is properly and consistently represented. The result is a comprehensive signage program designed to communicate your brand value while allowing visitors to effectively navigate within and around your facility.

Our philosophy of providing thoughtful, full-service solutions fits with what our clients truly need — a partner they can trust that will manage their program throughout its lifetime. That is simply why ASI has been so successful for so long. We take the worry out of brand management for our clients by offering far more than signs.

Every ASI client knows that a signage solution from ASI means:

Their brand will be integrated properly into their signage program — exterior, interior, and digital.

The messaging of the signage will be correctly placed at key decision and information points, ensuring visitors and staff can easily navigate the facility and reduce staff interruptions for directional requests.

The solutions provided by ASI will be of exceptional quality and durability, meeting the unique needs of your facility and brand identity.

Our solutions will be manufactured in an environmentally responsible manner, utilizing the best and most appropriate materials and techniques.

With ASI's proprietary technologies, additional sign replacements will appear the same and perform the same as the original project — three days or three years after the initial project.

More than 45 Years of Proven Leadership

ASI has led the architectural signage market since 1965 by providing consultative services for comprehensive wayfinding and identity solutions to companies throughout the U.S. and the world. We offer superior product solutions for interior, exterior and digital signage. From our proprietary products to the results of our custom design and manufacturing capabilities, ASI is focused on providing our clients with innovative products and services tailored to meet their exact needs today and in the future.

Quality

ASI is renowned for the results of our total service approach. We place significant emphasis on developing a consultant-based client relationship to provide us the ability to fully understand your facility and recommend the exact services and solutions to meet your needs.

Experience

ASI has worked with every size and type of organization, from small independent concerns to international corporations. Whatever unique challenges your project may face, chances are we have seen it and developed a process to successfully manage it. Our time-tested, proven solutions are unmatched in the industry.

Innovation

ASI is at the forefront of our industry, researching and developing innovative solutions to meet new and existing needs in the marketplace. From introducing the first curved-face modular signage system to creating advanced on-line capabilities to help our customers maintain their signage programs efficiently, ASI consistently leads the way.

Table of Contents

SignPlan®

Over 30 Years of Integrated Project Delivery at Your Service

In the early 1980's, ASI was the first architectural sign manufacturer to formalize and offer a unique professional service integrating:

- Planning
- Product Selection
- Manufacturing
- Re-order Programs

In the following three decades we built an impressive portfolio of successful projects for a vast range of facilities including, healthcare, corporate, financial, education and public institutions.

Throughout that time we have continuously developed and improved our service offering, in part, by rapidly adapting to changing circumstances, such as the introduction of the Americans with Disabilities Act and the introduction of digital and web-based planning tools and services.

What have not changed are SignPlan's benefits. In fact, they make even more sense in today's fluid economy:

- Development of a comprehensive signage program
- Incorporation of current regulatory requirements
- Expedited planning and development processes
- Improved signage functionality
- Projecting a clear and consistent brand identity
- Project budget control
- Streamlined project schedule

SignPlan is a phased and controlled process that imposes clarity and purpose onto the complex task of developing, documenting and implementing a comprehensive signage project. After the initial planning phase, the deliverable is in the form of the SignPlan project binder, a comprehensive plan of action that documents product construction, sign messages, location plans and final cost information. After review and approval, this document becomes the basis for completing the project in an expedited and cost-effective manner.

The ultimate result is a signage project that meets your facility's specific functional, brand and budgetary requirements.

Ask for examples of how we have helped other clients with their signage needs through SignPlan Integrated Project Delivery. The results we show speak for themselves.

Creating Universal Access

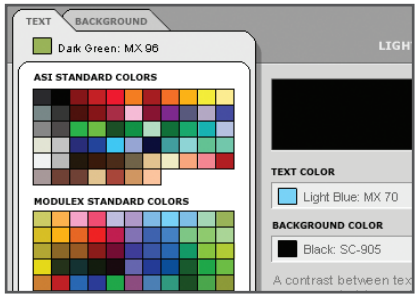
Information displayed through signage must be easily understood, legible and accessible to all. Which way to the restrooms? Where are the elevators? How do I find a certain department or office? The Federal "Standards for Accessible Design" were developed to ensure that answers to these questions would be readily accessible to all visitors. Our ADA-Ready™ solutions are designed to be clearly interpreted and understood by diverse visitor groups, regardless of physical ability or cultural background.

Features of ADA-Ready™ Solutions

- Optimal color contrast of message information to ensure visibility
- Raised characters and Braille that follow the latest federal, state and local building codes
- Appropriate font options to maximize legibility and compliance
- Multi-lingual messages and pictograms when required

Choosing the Right Braille Solution

All Braille produced by ASI meets current federal, state and local regulations, no matter the method of manufacture chosen as best for your signage project.



Achieving Optimal Color Contrast

ASI's online LRV Calculator allows clients to test color combinations of our standard colors to determine the highest contrast for your signs. Visit **asi**signage.com/LRV for more details.

Speaking Many Languages

Having the right information in place is more than just saying "we need a sign over here." ASI consultants work with you to determine where and how to effectively communicate information to both visitors and staff.

Design, Value Engineering and Craftsmanship

The ASI team includes skilled planners, designers, engineers, and craftspeople with the knowledge that only comes from extensive hands-on experience. This means that our network capabilities ensure that your solution meets the high standards for which we have always been known.

We have multiple manufacturing facilities and alliance partners strategically located throughout North America, Europe, and Asia. Whether your project is local, national or international, we have the facilities and capabilities to serve your location and your needs.

Design Services

ASI works with your team to develop a program that complements your facility and your brand. Whether we develop the design or collaborate with your design team, ASI consultants are experts at bringing concepts to life, no matter how complex the requirements.

Value Engineering Services

We also ensure that the design intent is maintained while advising on possible value engineering alterations to achieve the project goals for appearance, functionality and budget. Our long history of identifying innovative materials, construction techniques and manufacturing strategies positions ASI as your best partner for producing a successful project.

Craftsmanship

The signage solution that you approved will be passed to our skilled craftspeople to produce a durable, quality product made to our exacting standards. The fabrication process begins with an analysis of the approved solution and considers such factors as geographic location, factory capabilities, capacities and schedules.

The result is a strategic manufacturing plan delivering the highest level of quality consistency, schedule management and budget control. ISO 9001 quality standards governing our modular product systems such as Pacific™, Infinity™ and Messenger™, ensure that every component is manufactured, packaged and transported consistently each and every time.

Material Selection
Whether the sign requires aluminum, stainless steel, photopolymer, photochemically-etched zinc, acrylic, or wood veneers, ASI will create a material palette that is right for your project.

Precision Fabrication
ASI efficiently and effectively fabricates each sign so that the last sign on the project is as precise as the first.

Quality Assurance
ASI's exacting standards for quality assurance mean that each component, fastener, routed edge and accent is crafted to function for the long life of the signage program.

Professional Finishing
Whether the sign requires painting, powder coating, digital graphics, vinyl or silk screen graphics, ASI has the capabilities to provide the finish option most appropriate for your project.

Logistics and Installation
ASI ensures your signage program is handled professionally — from shipping to installation and through completion.

Delivering the Right Solution

ASI's innovative products combined with comprehensive, full-service solutions combine to offer you the most complete identity and wayfinding signage program available in the industry. ASI's diverse product portfolio ranges from modular systems to custom solutions. Our extensive knowledge of exterior, interior and digital signage ensures your final solution is the right fit for your facility.

Our proprietary modular systems – interior and exterior – are renowned for quality, durability and flexibility, critical for proper brand communication, and ensuring that changes to your wayfinding plan and brand identity are seamless. For custom solutions, ASI's team of experienced consultants, project managers, and installers applies the same proven techniques associated with our proprietary modular systems to meet superior quality standards for your custom solution.

Exterior

ASI knows how to bring exterior designs to life that are as unique as your business. Utilizing our network of manufacturers and alliance partners, ASI can create an exterior solution that meets your needs. No matter what shape, size, color or material you envision, ASI can make it happen.

Interior

ASI can also create an interior program to complement your exterior solution. Whether your project requires a modular system, custom signage or a combination of both, our interior product capabilities will ensure your project has the specific solution required.

Digital

ASI offers digital solutions for both exterior and interior environments. Digital solutions from ASI are turn-key — ASI provides consultative solutions from concept to installation. Our digital products communicate dynamic and relevant information with beautifully-designed content options. Whether you need an exterior digital display or an interior SlimLine touch-screen system, we can develop a digital solution that meets your functional and aesthetic needs.

Technology at the Speed of Business

One of the unique aspects of ASI is our strategic focus on technology and our continuous investment in research and development to create systems that improve the efficiency and speed of project implementation. Quoting, documenting, approving, producing, tracking and maintaining projects can now be completed and delivered digitally and in real-time, producing significant savings in time and money.

Project & Account Management Technology

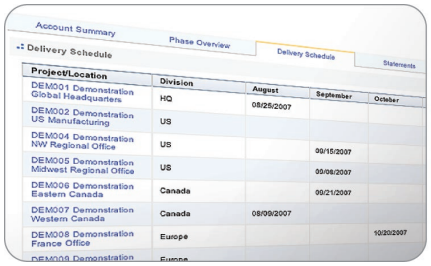
Project Management Anytime, Anywhere

"It's Like Having a Trusted, Knowledgeable Project Manager, Available 24/7/365..."

That's the kind of feedback we get from clients when they experience signage implementation through ASI's Global Account Management (GAM) system. GAM, exclusively offered by ASI, documents all aspects of highly complex projects and organizes the information into a single centralized, web-based system for the project management team and our clients to access at any time. The system provides real-time access to overall program progress, project status and the ability to drill down for specific project site documents and data. GAM provides an efficient means of transferring information and approvals throughout the life of the program.

Features and Capabilities of GAM

- Centralized project management
- Track multi-project activity and history
- Keep all parties informed, instantly and simultaneously
- View budget status
- Bind files to projects and share with specified groups
- View delivery and installation schedules
- Quick summary and access to quote, order and invoice history



Delivery Schedule
A clear snapshot of your schedule. View by location or by division without leaving your home page.

Approvals
Easily review and approve documents online. Approval literally takes seconds and allows you to add comments and select those who will receive an email with the results of your review.

Brand Management and Re-ordering Technology

20 Locations, 200 Sign Types, 4 Administrators — No Problem...

ASI's Online Ordering Service (OOS) is a powerful and intuitive, web-based system that streamlines the complex process of ordering replacement signage without compromising the integrity of your brand standards. Administering the program is simple: sign types, colors and text styles are predefined to ensure each sign conforms to established guidelines. Users simply choose an appropriate sign type, input the message and order directly from a website dedicated to their signage catalog. No illustrations or specifications are required. It's all been taken care of to ensure you can focus on your business and leave your signage to us.

Your old signage catalog.

Preserving Brand Consistency

Each online catalog is configured to the client's exact brand guidelines, specified for any and all sign types within the program.

Adapted to Each Unique Business Environment

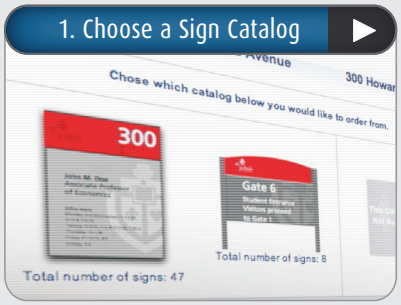
Catalogs may be organized by interior, exterior or even business division — adaptable to the specific business needs of each company and perfect for multi-location organizations.

Right the First Time, On-Time, As Promised

Guidelines built into the system ensure that the product is configured and ordered accurately every time. Electronic confirmations and status updates provide reassurance that your order is delivered on-time and on-budget.

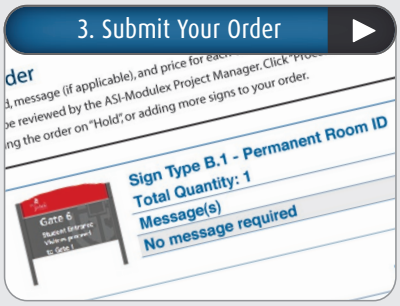
Your new signage catalog.

Reorder Your Signage in Minutes



Begin using OOS by simply selecting your project and location. Then choose the appropriate signage catalog, sign types and quantities desired.

Add sign messages for all signs requiring a message. "No message required" will be displayed adjacent to standard signs that do not require a message be input.



Confirm the sign type, quantity ordered, message and price for each ordered product. Verify the delivery information and then, simply select "Submit Order."

Finding Greener Ways

ASI's environmental responsibility is reflected in the way we conduct our business. We are very conscious of the influence we as a company have on the environment and take measures across our network to minimize that impact whenever possible, both in our manufacturing and our day-to-day operations.

- Reducing material waste and scrap by ensuring optimum cutting and production techniques
- Using recycled materials whenever possible
- Ensuring minimal waste in the production process
- Recycling of the production scrap and waste

But we don't stop there. It is important to continually develop and implement innovative initiatives to not only reduce our impact but to benefit the environment. To accomplish this, ASI has formed an internal team of eco-focused professionals that help to monitor the practices we have in place as well as establish new goals that we as a company can strive to achieve.

This team meets regularly to share experiences, express concerns and to establish eco-challenges for their respective offices to achieve. Some of our recent challenges include energy conservation, water usage reduction, waste diversion and volunteering.

ASI developed the AIA accredited course **Green: Strategies for Signage.** This is the first course that explains sustainable aspects of signage and the role signage plays in green building certification. Participants receive a 1-hour AIA Learning Unit, Health, Safety and Welfare (HSW), that counts toward annually required Sustainable Design Learning Units.

The longer time in the life-cycle, the less time in the waste-cycle

By following this simple rule, ASI helped to define the standards for achieving sustainability in signage. The following are criteria we utilize when developing our signage solutions to help to keep them in place and out of the landfill.

Material Selection

We use eco-friendly materials whenever possible to create our products. After considering the sign's construction, we then locate an eco-friendly or responsibly produced material to fulfill it's function.

Modularity

ASI's modular signs allow clients to change components to extend product life by updating or repairing it without the need to dispose of the entire sign each time a minor change is needed.

Durability

Signage products from ASI withstand high-traffic use and repeated cleaning so they last longer and require much less frequent replacement.

End-of-life Management

ASI's signage solutions are designed to handle end-of-life gracefully. The aluminum, steel, paper, plastic and even acrylic components can be easily separated and placed into appropriate recycling channels so they can begin their next life cycle.

InTac™ Eco:
Up-to 100% recycled content
Made from renewable resources

Terra:
Made from Ecoresin™ a 40% post-industrial recycled, non-off-gassing material

Paint:
Minimal VOCs
Water-based polyester paint

Mechanical Fasteners:
Durable materials
Recyclable materials
Made from recycled components
Mechanical mounting

We are members of one of the strongest communities of professionals seeking to transform the building industry. For more information, please visit www.usgbc.org.

asi®

Signage Innovations™

ASI is represented in more than 45 U.S. cities with global partners in 35 countries.

Visit us at **asi**signage.com for more information regarding our locations, service offerings, product capabilities and experience.

asi®
Signage Innovations™

Product Capabilities

More than 45 years of proven leadership and signage innovation

Digital | Exterior | Interior

asisignage.com | 800.274.7732

More than 45 Years of Proven Leadership

ASI has led the architectural signage market since 1965 by providing consultative services for comprehensive wayfinding and identity solutions to companies throughout the U.S. and the world. We offer superior product solutions for interior, exterior and digital signage. From our proven proprietary product assortment to our custom design and manufacturing capabilities, ASI is focused on providing our clients with innovative products and services tailored to meet their exact needs today and in the future.

Quality

ASI is renowned for the quality of our total service approach. We place significant emphasis on the importance of a consultant-based client relationship because it affords us the ability to fully understand your project and recommend the exact services and solutions that meet your expectations.

Experience

ASI has worked with every size and type of organization from small independent companies to international corporations. Whatever unique challenges your project may face, chances are we have seen it and developed a process to successfully manage it. Our time-tested and proven solutions are unmatched in the industry.

Innovation

ASI is at the forefront of the signage industry for researching and developing innovative solutions to meet any new or existing need in the marketplace. From introducing the first curved-face modular signage system to creating advanced technologies to help our customers maintain their signage programs efficiently, ASI consistently leads the industry by applying ideas successfully.

Client Consultation

ASI's consultants work closely with each client to thoroughly evaluate the needs of each project and provide successful, tailored solutions.

- Wayfinding plans and message schedules
- Professional services and product solutions
- Project and budget management
- Local code analysis and permitting

Production and Implementation

From fabrication to installation, ASI thoroughly manages each project to ensure the final solution meets or exceeds client expectation.

- Value engineering services
- Strategic production management
- Fabrication and installation services
- Local, national or global implementations

Continuing Signage Management

ASI provides ongoing program management through proprietary technologies to help extend the life of the sign program and to facilitate reorders.

- Management of client signage standards
- Maintain brand consistency
- Online Ordering Service (OOS)
- Maintenance and repair services available

digital solutions

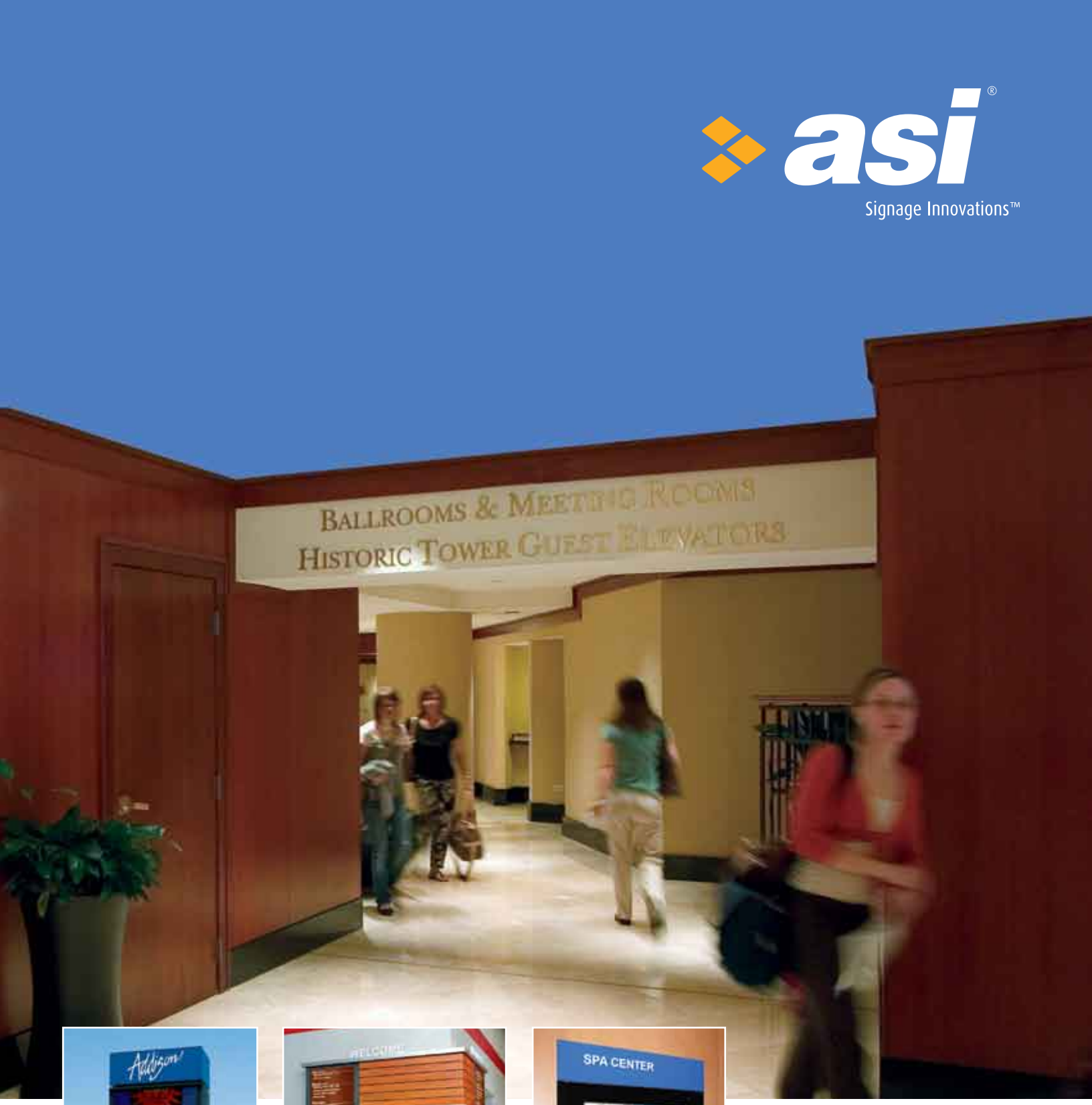
ASI offers digital solutions for both exterior and interior applications. These solutions are designed to enhance the human interface experience by offering dynamic, timely and relevant information in a highly visible – and often personal – manner. Whether you need an external display, an internal message board or an internal touch screen system, ASI can develop a solution that meets your functionality and aesthetic needs.

Sustainable Innovations

ASI offers energy efficient digital solutions that can be continually updated to reflect changes in dynamic environments without contributing to the waste cycle. Whether directing visitors, motivating staff or highlighting the green efforts of your company and facility, digital signage is the ideal solution for your green environment.

asi®

Signage Innovations™



LED Displays for Exterior Signage Solutions

Enhance an exterior signage solution by integrating an LED display into a custom monument or mounting directly to the facade of a facility. LED displays are energy efficient and powered by cutting-edge technology supported by first-rate service.

Because ASI works directly with leading LED industry manufacturers like Daktronics, HiTech and Trans-Lux, we can create the right solution for your next project.

What is LED?

LED is the abbreviation for Light Emitting Diode. LED is a solid state electronic device that is much more efficient at creating light than an incandescent lamp or neon. Because of its durable construction, long lifespan and energy efficiency. LED is a sustainable solution for exterior message centers and displays.

- Low energy consumption
- Mercury-free LED light source
- Ultra-long LED lamp life
- Integrate into new or existing monuments
- Mount directly to the façade of a facility
- Pole mounted options available

LED Display Options and Usage

Monochrome displays
Ideal for message centers that will only display text message displays such as time and temperature. Available in red, amber, white and blue.

Single color "grayscale" displays
Ideal for single color displays that will show photos and text messages. Available in red, amber, white and blue.

RGB medium and high-resolution displays
RGB medium displays are best for displaying "still" color images and graphic advertisements. High-resolution displays are ideal for full motion video and displays such as those seen in sports venues.

High-resolution RGB displays helps promote events and an organization's brand identity.

Dynamic and Interactive Digital Solutions

ASI's digital solutions are an innovative approach to architectural signage that creates a state-of-the-art environment and efficiencies in the way you work and communicate with visitors and staff. ASI's digital solutions are turn-key systems that are designed to enhance today's environments by communicating dynamic, timely and relevant information. Through a variety of integration options and beautifully designed content options, we can develop a solution that meets your needs from both a functionality and aesthetic perspective.

Learn more about our digital signage offerings at **asi**signage.com

Highlight your Green Efforts

Digital signage offers an ideal way to inform visitors about the green aspects of your building while guiding them throughout your facility. The dynamic capabilities of digital systems allow easy, frequent updates to keep the information relevant.

Inform

Present the green features of the building or tell the story of how you achieved your green goals with images of the building in progress.

Guide

Provide a directory to guide visitors efficiently through your facility, post event schedules or display other pertinent information.

Motivate

Feature ongoing updates and statistics on the performance of the building. When visitors and staff can see the impact they are having, they are more likely to conserve.


CORAL BALLROOM
SALON B


SPA CENTER


GRINNELL COLLEGE
WHAT'S HAPPENING ON CAMPUS TODAY
GRINNELL SINGERS


METHODIST
HOSPITAL FOUNDATION


WELCOME

exterior solutions

Exterior signage provides the first opportunity to make an impression on your visitors. Whether you need a building identification solution or a signage system to facilitate wayfinding, ASI can develop an exterior program that meets all of your needs as well as the code requirements of your specific location.

ASI offers a full selection of standard exterior product offerings. We also have a team of in-network professionals that can design and engineer a completely custom solution.

Sustainable Innovations

ASI's exterior signage is designed to be a lasting element of your facility – regardless of geographic or weather conditions. Through material selection and modular design considerations, ASI creates exterior solutions that complement your green goals by staying on-site and out of the landfill.

asi®

Signage Innovations™

Monument Identification

Navigating Exterior Campuses

With more than 45 years experience in the science of wayfinding, ASI leads the way in understanding exterior environments and has created signage solutions to address complex facilities and minimize confusion for navigational needs.

Our step-by-step approach to evaluating an exterior campus ensures the signage meets the identity, wayfinding and regulatory needs of the project. From assessing visibility requirements to program implementation, ASI partners with you to meet all of your exterior signage needs. Whether you are looking for single site solutions, national or global implementations, ASI can provide a turn-key solution:

- Program management
- Code and zoning requirements
- Traffic and circulation analysis
- Site survey and assessment
- Location plans and message schedule
- Prototyping and value engineering
- Global logistics
- Permitting
- Fabrication and installation
- Maintenance and service

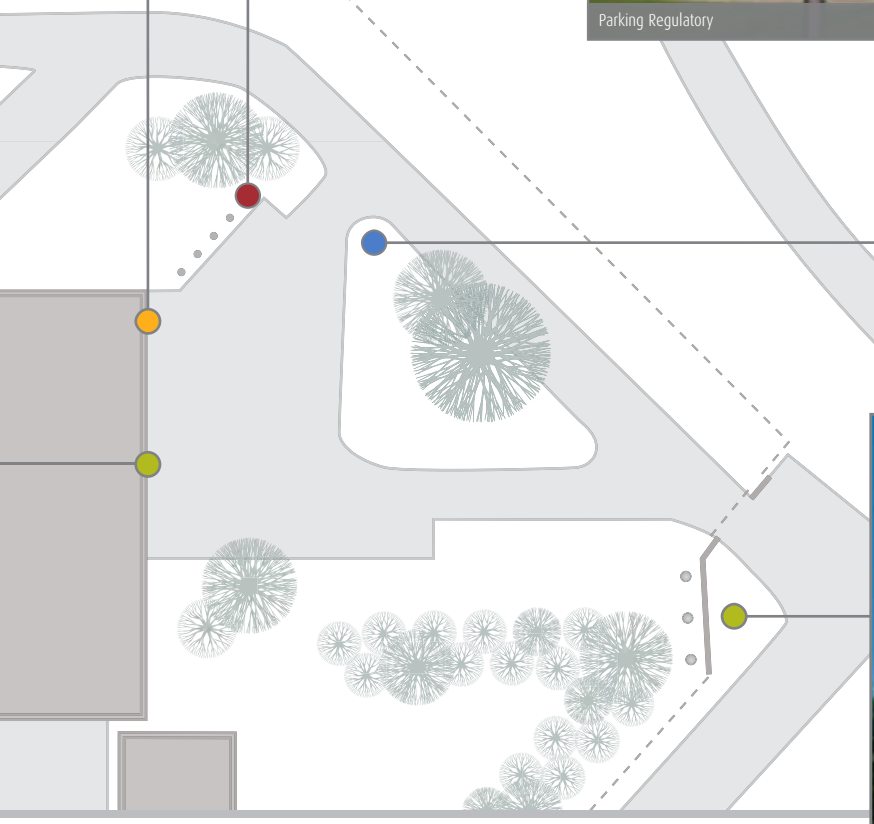
Building Identification

Wall Mounted Identification

Wall Mounted Informational

Parking Regulatory

Vehicular Directional



Monument Identification

Wayfinding and Messaging

There are four primary types of signs represented in a wayfinding solution:

- Identification: sites, buildings, rooms, departments and spaces
- Directional: guide visitors via text and graphics to their destinations
- Regulatory: access or operational limitations, e.g., "Authorized Personnel Only"
- Informational: e.g., operating hours, access requirements

Product and Material Solutions to Meet Your Identity Needs

Dimensional letters provide a versatile means of conveying a message and promoting your brand. Through experienced craftspeople, ASI executes dimensional signage solutions that project an image of professionalism, substance and stability with quality that is unsurpassed in the industry.

Given the variety of materials and manufacturing techniques available, ASI offers an extensive range of dimensional letter forms to fit the demands of your project.

- Wide variety of materials and finishes
- Custom type styles, sizes and depths
- Several mounting and application techniques

LF Series Fabricated Metal Letters

Our most popular solution for letters and logos

- Rated for interior and exterior use
- Materials: aluminum, brass, bronze, copper and stainless steel
- Finishes: brushed, polished, oxidized and painted, 140 standard paint colors, custom colors available
- Illumination options: face and halo with neon or LED
- Mounting: stud mounting in adhesive grout for flush mounting or mechanical attachment provided for stand-off requirements

LPS Series Cut Metal Letters

- Rated for interior and exterior use
- Materials: aluminum, brass, bronze, copper and stainless steel
- Finishes: brushed, polished, oxidized, anodized and electroplated, 140 standard paint colors, custom colors available
- Mounting: flush mount with VHB tape and silicone or stand-off with blind studs

LM Series Molded Plastic Letters

- Rated for interior and exterior use
- Materials: thermoformed and injection molded plastic
- Finishes: standard integral plastic colors and painted finishes, 140 standard paint colors, custom colors available
- Mounting: stud pads secured in adhesive grouts

LPL Series Metal Laminate Cut Letters

- Rated for interior use
- Materials: aluminum, brass, bronze, chrome and copper
- Finishes: brushed, polished and oxidized
- Mounting: VHB tape and silicone adhesive

LPP Series Precision Cut Acrylic Letters

- Rated for interior and exterior use
- Materials: painted acrylic
- Finishes: 140 standard colors, custom colors available
- Mounting: VHB tape and silicone adhesive

LC Series Cast Metal Letters

- Rated for interior and exterior use
- Materials: aluminum and bronze
- Finishes: brushed, polished, oxidized, anodized and painted, 140 standard paint colors, custom colors available
- Mounting: flush and stand off with concealed studs

LTV Series Cut Vinyl Lettering

- Rated for interior and exterior use
- Materials: wide range of standard colors including translucent, opaque, metallic, reflective and etched look
- Finishes: numerous standard colors and finishes
- Mounting: surface on opaque materials and subsurface available on glass

LF Series - Internally Illuminated Fabricated Letters

LF Series - Internally Illuminated Fabricated Logo and Letters

LF and LPS Series - Fabricated and Cut Metal Logo and Letters

LF Series - Pin-mounted Halo-lit Fabricated Logo and Letters

LPS Series - Polished Cut Metal Logo and Letters

LF Series - Fabricated Metal Logo

LF Series - Halo-lit and Internally Illuminated Fabricated Letters

LPS Series - Painted Aluminum Cut Metal Letters

LPS Series - Cut Metal Logo and Letters

LPS Series - Painted and Brushed Aluminum Cut Metal Logo

LPS Series - Brushed Steel Cut Metal Logo

LTV Series - Frosted Vinyl

LF Series - Custom Pin-mounted Fabricated Metal Letters

LF Series - Halo-lit Fabricated Letters

LPS Series - Cut Bronze Logo

LPP and LTV Series - Cut Acrylic and Vinyl Letters

LPS Series - Brushed Aluminum Cut Metal Logo

Complete Exterior Custom Capabilities

ASI works closely with each client to create a custom exterior solution that meets their identification and wayfinding needs, complements the architectural style of the facility as well as the surroundings, and remains aesthetically appealing over time. Also, a variety of illumination options are available.


INDIANAPOLIS
ZOO


MIDTOWN 4


NASCAR
NEXTEL
CUP SERIES


BlueCross BlueShield
of Western New York
BlueShield
of Northeastern New York
Visitor Parking
Deliveries
257 WEST GENESEE


BELLEVUE
UNIVERSITY
Humanities
Center


Children's
HOSPITAL & MEDICAL CENTER
EMERGENCY
HOSPITAL


METHODIST
ESTABROOK CANCER CENTER


Reserved
Garage
Parking
Pier 1 Imports


ROOSEVELT OFFICE PARK
606 25th Ave. South
101 John Herman Insurance
102 Dr. Terrence J. Murphy
103 Downey Side
104 Kloster Commercial
105 Landy International
107 Amdahl Hearing, LLC
108 Sniezek Financial Services
Allstate Insurance
American Legal Publications
Satisfaction Mortgage, Inc.
110 Heller Law Firm
111 Pillar Property Mgmt., Inc.
201 Geronimo Development
203 B & B Wall Systems, Inc.
204 Viking Adjusting Service, Inc.
205 John C. Koenig, CPA
206
208 Rum River Counseling, Inc.
210 Chiropractic Health & Wellness Center
211 Sheldon Law Office/ AFS Check Systems


Canisius
Canisius


41
THE PARK
AT PERIMETER CENTER EAST
THE PARK
City of Dunwoody
Hotel Equities
Alzheimer's Association
41


Manatee
Memorial Hospital
Main Entrance
Service Entrance
Medical Offices
Outpatient Services
EMERGENCY

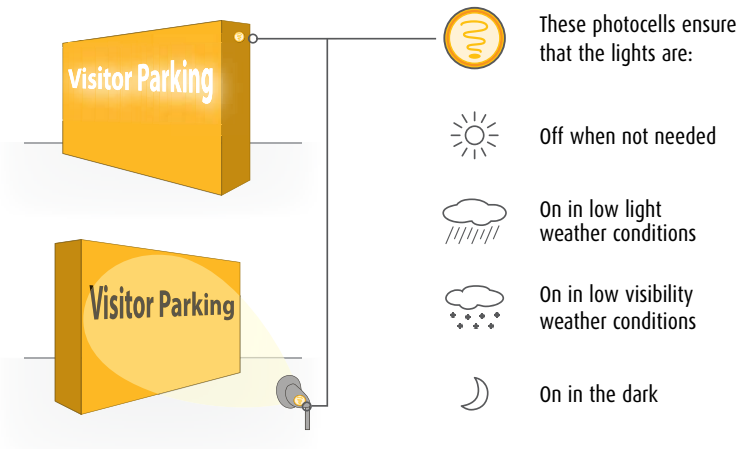

LARKIN AT EXCHANGE
Visitor Parking
Kaleida Visitors

Custom Illuminated Signage

Illuminated signage ensures that visitors can find your site and that important information is visible regardless of the time of day or weather conditions. ASI's illuminated signs are designed for longevity – from the durable, weather resistant materials to the long-lasting, energy efficient lighting.

Light Sensing Technology

One of the easiest ways to save energy is to utilize power resources only when needed. ASI can automate this task using photocells that respond to natural light levels. Photocells are positioned in an ideal location depending on sign type, geographic position and light source placement. Additionally, it is possible to coordinate sign illumination circuits into your building energy management system.



These photocells ensure that the lights are:

- Off when not needed
- On in low light weather conditions
- On in low visibility weather conditions
- On in the dark

Daytime view

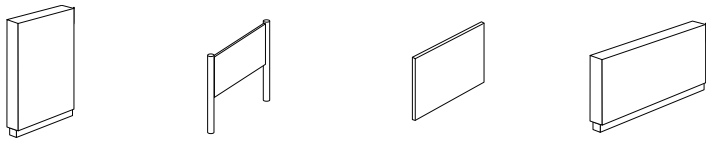
ASI Solar Feature

ASI Solar Feature is a reliable exterior solar solution that is 100% off the grid. Solar is perfect for facilities that need internally illuminated exterior signage where traditional electrical power is unavailable. Plus, using solar signage in conjunction with your brand identity shows your organization's commitment to reducing its carbon footprint.

- Attached to or separate from sign
- Durable aluminum enclosure construction
- Smart power management unit controls energy flow and maximizes LED brightness
- Eliminates trenching or repaving cost
- No electrical hook-ups required

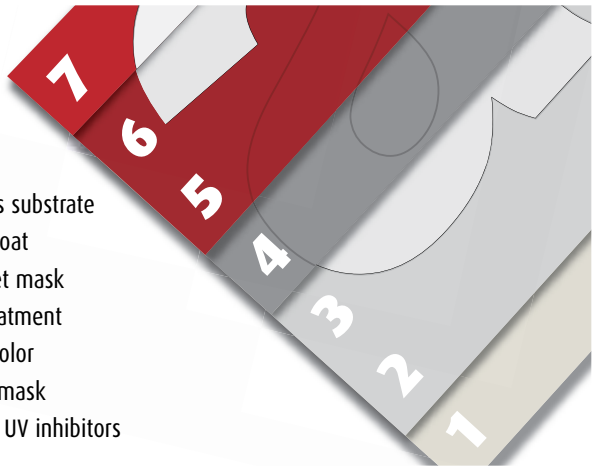
Metropolitan

Metropolitan is a fiberglass exterior signage solution that is a good investment for a company interested in enhancing a facility's image. Metropolitan is a high-quality, long-lasting option with seamless, integrated graphics on the sign surface. Built to architectural quality standards using pre-engineered, time-tested fabrication methods, Metropolitan offers exceptional strength and durability for exterior environments. ASI's specially formulated overcoat with ultraviolet inhibitors maximizes resistance to the effects of weather and vandalism. Also, a variety of illumination options are available.



Monolith | Post and Panel | Wall Mount | Monument

Fabrication Process



1. Hand-laid fiberglass substrate
2. Translucent white coat
3. Computer cut frisket mask
4. Opaque surface treatment
5. Background paint color
6. Removal of frisket mask
7. Matte topcoat with UV inhibitors

Natural and Simulated Materials

When the project specifications demand the use of natural materials - such as stone, glass, wood, granite, and other natural materials - ASI can create a solution to meet your needs.

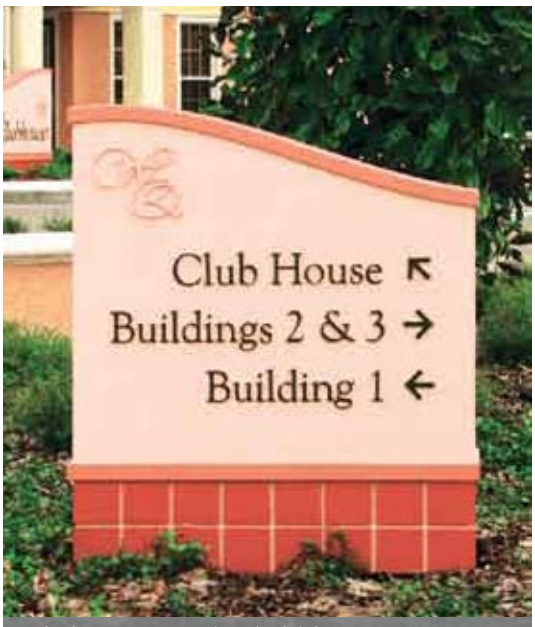
ASI can offer simulated materials as an economical alternative to using natural stone by combining polystyrene foam with a hard polyurethane outer coating.

Our simulated materials are available in several finish options, including sand pebble, granite, and brick.

Seamless integration of custom aluminum panel into sandstone columns

Etched limestone slab insert for brick monument entrance identification

Polished stainless steel frame with 3" thick cut glass face



Simulated stucco monument with simulated tile base

Simulated brownstone base and pebble stone cap

Solid granite post and panel sign

Integral Digital Graphic Solutions for Exterior Signage

ASI can provide innovative and durable exterior signage through the use of custom digital images embedded in either high pressure laminates, fiberglass resins or through color anodizing. Imagine the design capabilities of using any digital image in a high-quality, durable graphic on an exterior project.

- UV stability of products ensure long image life
- Multiple thickness offerings provide flexibility in design
- Combines with other standard or custom exterior projects for integral graphic components

Pressed Laminate Panels

A durable, digitally imaged high pressure laminate called dHPL. Made by layering a digital print and melamine sheets with a core of phenolic resin-impregnated sheets. It is then pressed at high heat and pressure for a extended period of time consolidating the materials into a single panel of thermoset plastic.

Product Features

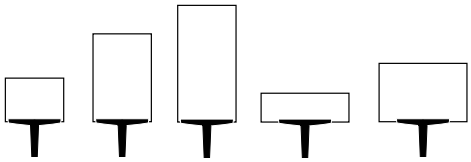
- Interior and exterior applications
- Multiple thickness offerings provide flexibility in design
- Finishes: matte, satin and ice
- UV stability of products ensures long image life
- Combines with other standard or custom projects for integral graphic components

Macer Exterior™

The simplicity and elegance of the Macer Exterior™ signage system makes it an ideal solution for secondary site identity and campus-wide wayfinding signage. Macer Exterior is comprised of only three elements – a steel support for strength, a protective cover for elegance and a graphic panel to communicate your identity and wayfinding information. Because of its freedom of construction, any panel shape can be achieved – combined with direct printing, digital graphics or applied vinyl text, Macer creates a unique experience for your brand.

Product Features

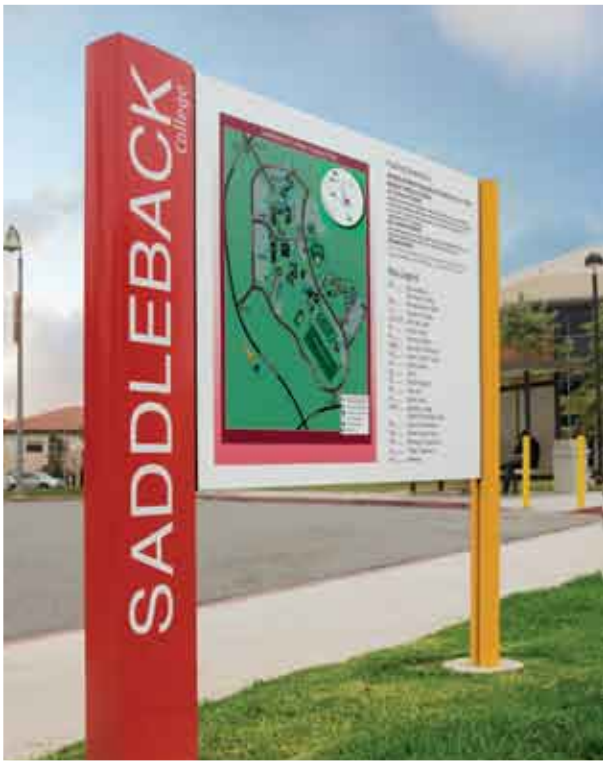
- Graphics: LTV series vinyl graphics, digitally printed graphics and surface screen process
- Lead-free, baked polyester enamel finish will withstand severe weather conditions
- Mounting options: Steel foot plate is secured to the concrete foundation with four anchor bolts
- ISO 9001 manufacturing process



Portrait or Landscape Panel, Ground Mounted Post

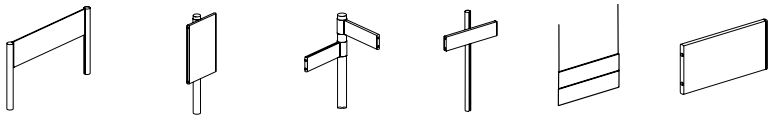
Compass™

ASI's Compass™ exterior modular signage system elevates post and panel signs to a new level of quality and usability. Mix and match the unique post shapes and panel configurations to achieve contemporary site-specific solutions while maintaining the functionality required to easily accommodate ongoing change. In addition, the durable, lead-free, baked polyester enamel finish withstands severe weather conditions for years of trouble free service.



Product Features

- Extruded aluminum post: square, round and trapezoid
- Different post types may be combined on the same sign for unique configurations
- Graphics: LTV series vinyl graphics, digitally printed graphics and surface screen process
- Installation method: ground sleeve mounted or flange mounted
- ISO 9001 manufacturing process

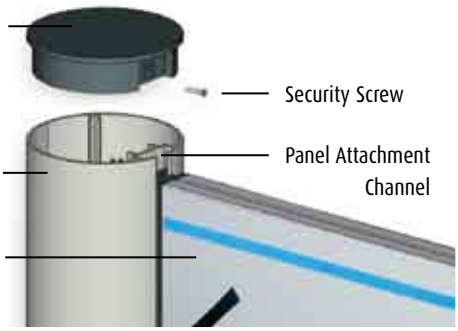


Double Post and Panel | Center Post and Panel | Projecting Panel | Parking Sign | Suspended | Wall Mount

Compass Modular Post Options and Sign System Configuration

Post Options:

Post and Panel Components:



Compass™ ID Profiles

Designed to work in concert with other Compass™ signs, ID Profiles make use of easy to understand pictograms, directional arrows and color schemes to reassure visitors and staff they are headed the right direction. Designers can finish Compass™ ID Profiles with any of ASI's standard colors and with digitally printed graphics onto vinyl appliques.

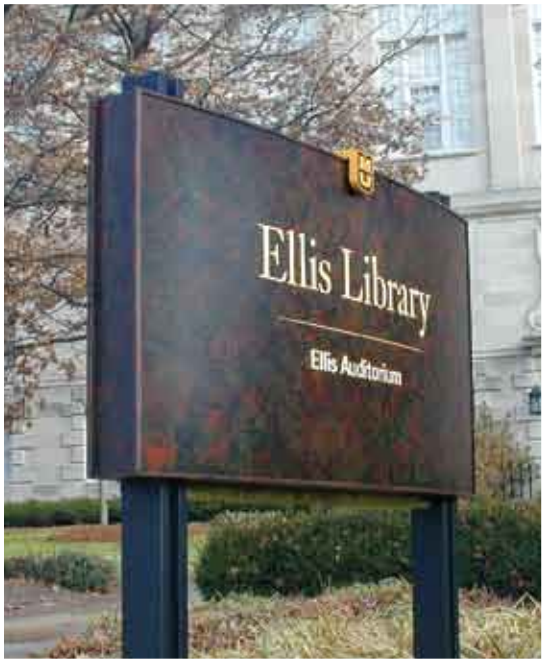
Product Features

- Available in single, double, triple and quad configurations
- Multiple standard heights available for each configuration
- Post finishes: ASI's standard colors, custom colors available
- Post graphics: digitally printed vinyl appliques
- Projecting panel graphics: Print on Panel graphics, LTV series vinyl

Post Configurations:

Custom Post and Panel Signage

ASI can create a custom post and panel solution to identify your location, guide visitors around your campus and highlight your brand. Our custom offerings utilize a wide variety of materials like aluminum, wood and stone, with decorative elements including emblems, custom graphics and finials.



Messenger Exterior™

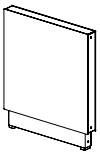
ASI combines form, flexibility and function in the Messenger Exterior™ modular signage system to feature interchangeable, slim-line, flat-face panels that can be configured to meet your specific needs. Messenger Exterior can be combined with Messenger Interior™ to create a complete matching system solution for both outside and inside a facility.

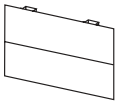
Product Features

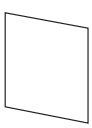
- Versatile, expandable, modular system
- Front-loading, interchangeable aluminum panels
- Durable aluminum construction
- Baked polyester enamel finishes
- ISO 9001 manufacturing process

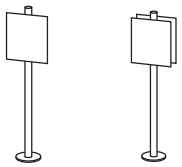
Typical Uses

- Main site identity
- Site entrance identity
- Vehicular and pedestrian directionals
- Informational and regulatory


Monolith


Wall Mount


Wall Mounted Pictogram


Single and Double Sided Regulatory Signs

Pacific Exterior™

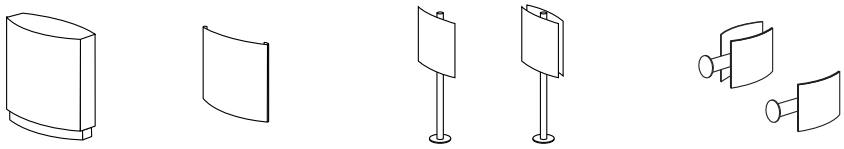
ASI's Pacific Exterior™ modular signage system brings a fresh appearance to exterior signage. Providing form, flexibility and function, Pacific Exterior features interchangeable, curved-face panels that can be configured to meet your specific needs. Pacific Exterior can be combined with Pacific Interior™ to create a complete curved-face design solution for comprehensive interior and exterior applications.

Product Features

- Elegant, classic, curved profile
- Versatile, expandable, modular system
- Front-loading, interchangeable aluminum panels
- Durable aluminum construction
- Baked polyester enamel finishes
- ISO 9001 manufacturing process

Typical Uses

- Main site identity
- Site entrance identity
- Vehicular and pedestrian directionals
- Informational and regulatory



Monolith | Tensioned Panel Wall Sign | Single and Double Sided Regulatory Signs | Single and Double Sided Projecting Signs

Tamper Resistant Feature

Pacific Exterior™ and Messenger Exterior™ panels are securely fastened to the frame using a concealed locking system and a security panel on both sides of the sign. Panels can only be released with a key, which helps prevent tampering or theft. The security panel also adds to the aesthetic appearance of the sign.

interior solutions

Interior signage is the key to informing and guiding visitors and staff throughout your facility. As a leader in the signage industry, ASI offers a broad portfolio of interior signage solutions to help you manage wayfinding and keep everyone moving in the right direction. From digital solutions to ADA-Ready™ signage to solutions that help you achieve your green goals, ASI can develop a signage program specifically tailored to your needs. And, our expertise in code requirements and custom fabrication makes us your one-stop source for all of your signage needs.

Sustainable Innovations

ASI offers interior solutions designed with the environment in mind. Modular construction, durable materials and recycled and recyclable content enable ASI's solutions to meet the general tenet of the green movement: the longer time in the life-cycle, the less time in the waste-cycle.

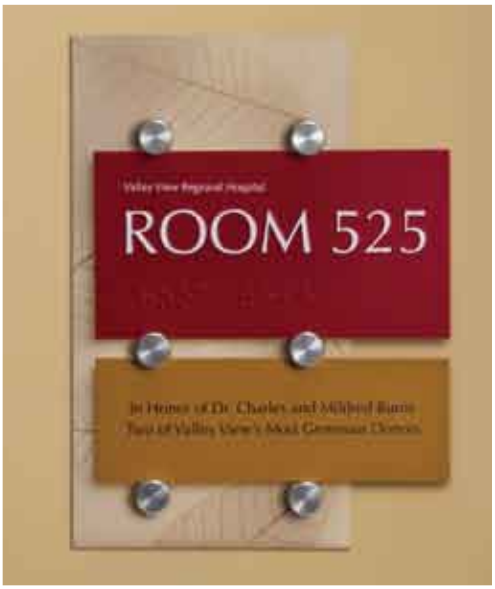
asi®
Signage Innovations™

Industry Leadership in ADAAG Solutions

ASI's commitment to providing innovative solutions for architectural environments includes supporting organizations committed to promoting compliance with the Americans with Disabilities Act Accessibility Guidelines (ADAAG) and training professionals in the architectural and design community on the latest ADAAG guidelines.

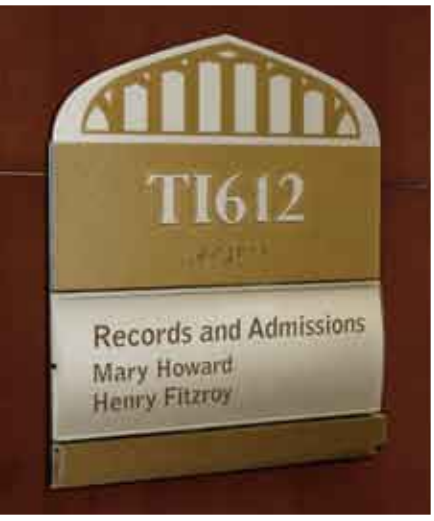
Following the most up-to-date Americans with Disabilities Act Accessibility Guidelines or local accessibility requirements is critical to creating an effective and compliant wayfinding solution. ASI keeps up with changes to the guidelines and continually provides ADAAG related training to keep our sales consultants, project managers and clients informed.

ASI has more than 40 locations across the United States and our consultants are educated on the importance of understanding the federal ADAAG and its relationship with state and local accessibility guidelines.



ADA-Ready™ Signage Solutions

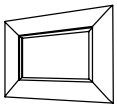
In addition to advising clients and recommending solutions based on current ADA guidelines, ASI also has a comprehensive ADA-Ready™ product offering that can meet the needs of your facility. Whether you are looking for a basic ADA plaque solution or wish to combine various product offerings to integrate into your facility, we advise you on the appropriate accessibility guidelines while providing a solution that works best to meet all of the requirements of your project.

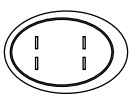


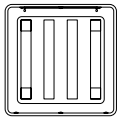
Frame and Mounting Options

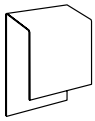
Protect the edges of ADA-Ready™ signs and complement the design of architectural environments with edge and inset tray frames. Available in plastic, aluminum and brass material options.


Decorative Bar


Edge Frames

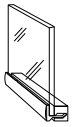

Oval Tray Frame

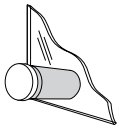

Inset Tray Frame

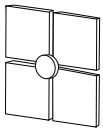

Partition Hanger

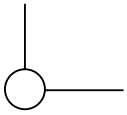
Stand-Off and Fixture Options

Decorative stand-offs and clamps aesthetically enhance custom signage solutions and aid with sustainability by allowing clients to change out a single panel when the message needs to be updated.


Fisso Clamp


Barrel


Multi-side Barrel


Edge Barrel

InForm

InForm is manufactured through a process of thermoforming which provides for crisp, clean edges and graphic detail in a single-piece ADA-Ready™ signage solution. Combined with integral color and fingerprint-resistant surface texturing, the technology offers a wide range of design flexibility with durability. InForm can be made using solid color and translucent materials which allows designers more freedom to design a solution that complements the environment.

Product Features

- 14 integral material colors, custom available
- 3 Standard integral surface textures: stipple, slate and matte
- Standard ASI raised text and character colors, custom available
- Fingerprint and graffiti resistant stipple surface texture
- Tactile lettering, characters and Braille are integral to face
- Class 1/A fire rating available

InTac™

InTac™ is an ADA-Ready™ sign created on various substrates with computer cut, surface applied tactile lettering and machined and pressed Grade 2 Braille.

Product Features

- Subsurface silkscreened or digital graphics
- Computer cut, surface applied tactile lettering
- Machined and pressed Grade 2 Braille
- Custom shapes and edge details
- Can be combined with frames or window signs

InTac™ Eco

InTac™ Eco ADA-Ready™ signs unite image and style to meet the needs of sustainable building environments. InTac Eco combines GREENGUARD® Certified fabrication processes and materials, low VOC paint and UV digitally printed graphics to create beautiful signage solutions with little to no negative impact on the environment. The plant, wood and paper based materials are recyclable and reusable and pose no danger of pollution of air and ground water in municipal landfills.

Product Features

- Select from plant, wood or paper based materials
- Materials can be used to create complete interior signage solutions
- ADA-Ready™ tactile letters and machine drilled and pressed Raster™ Braille
- Low VOC paint and UV digitally printed graphics available on select standard materials
- 0.03125", 0.0625", 0.125", 0.25" thicknesses available on select materials

Standard Wood Material Colors

Royal Waves | Cloudy Skies | Oatmeal | Sanguine | Dusk | Alabaster

Oyster | Mazarine | Sandstone | Conifer | Obsidian | Bittersweet

Standard Paper Material Colors

Evergreen | Auburn | Midnight Sea | Brick | Golden Rod (100% Recycled Paper Content) | Cinnamon (50% Corrugated Cardboard Content)

Cocoa | Onyx | Golden Fields

Layer InTac™ Eco plant material onto InTac™ Eco wood for a custom solution

Create LEED® educational signage using InTac™ Eco's GREENGUARD® certified process

Digitally print graphics onto InTac™ Eco's paper material

Create a durable and eye-catching solution using InTac™ Eco wood

Create complete custom interior signage solutions with InTac™ Eco

Terra

Terra ADA-Ready™ plaques unite image and style to meet the needs of sustainable building environments. Terra is made from Ecoresin™, a 40% post-industrial recycled content, non-off-gassing material. Terra's nearly endless patterns and color options combine to provide aesthetic appeal for green buildings, while meeting ADA guidelines and building codes.

Product Features

- Standard patterns and non-standard patterns available
- 1/16", 1/8", 1/4", and 3/8" thicknesses available
- Create unique solutions and integrate fasteners and frames
- ADA-Ready™ tactile letters and Braille integral to surface

Standard Material Options


Tiger Thatch


Bear Grass


Bear Grass Lite


Banana Fiber Light

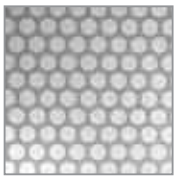

Fossil Leaf


Bloom Tangerine


Ion Green Tea


Linea Ivory


Mari Seamless


Mega Cirque Silver


Black


Pure Red


Pure Copper


Eiderdown


Melody

InTouch™

InTouch™ is a single-piece photopolymer, ADA-Ready™ signage solution available for both interior and exterior usage. InTouch is ideal for solutions that require a wide range of colors, profiles and raised details. The tactile lettering and Grade 2 Braille are integral to the surface of the sign. For a natural look, use woodgrain, granite or marble laminate substrates.

Product Features

- Interior rated (exterior rated available)
- Accessorize with frames, window signs, note bars or in-use sliders
- 140 standard colors with custom colors available
- 12 standard laminate substrates available
- ADA-Ready™ single-piece photopolymer sign face
- Glow-in-the-dark photo luminescent material option ensures the sign can be read during power outages

12 Standard Material Options with Custom Options Available

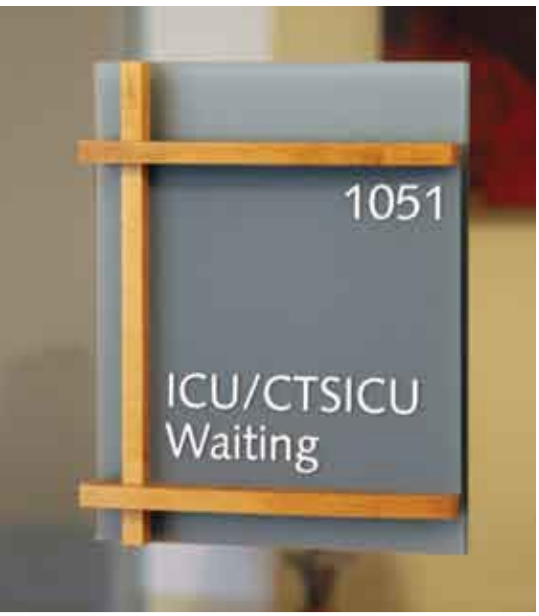
Create a unique ADA-Ready™ signage solution by combining InTouch™ and Terra materials.

Custom ADA-Ready™ Solutions

ASI creates custom solutions by combining our ADA-Ready™ products with innovative materials. ASI will work with your project team to create a custom solution that will perfectly complement your architectural environment while ensuring that ADAAG requirements are followed to the detail.

Product Features

- Unique shapes, layering and innovative materials combined effectively
- Delivered with the highest standard of quality
- Tactile lettering, characters and Braille meet ADAAG requirements
- Wide variety of mounting options available



Custom Interior Solutions

The ability to understand and translate the design intent of a project into a functional solution that complements the architectural environment is the essence of architectural signage. ASI continually achieves this milestone on the custom interior products we produce. Whether you want the custom interior solution to blend in and complement the décor or stand out and be noticed, ASI will work with your team to create the perfect custom interior solutions for your space.

Product Features

- Diverse material offerings combined with proven processes deliver quality custom solutions
- Experienced craftspeople and a wide range of capabilities make the most complex designs and fabrication challenges possible

Custom Directories and Displays

A directory or information kiosk is often the first thing a visitor looks for when entering a facility. Therefore, it is your first opportunity to communicate your brand and values. Does your facility house a straightforward, non-profit organization? Then it is best to keep it simple. But if your facility houses leading multi-million dollar companies, you may want to consider something a bit more extravagant. Fortunately, ASI has the experience and expertise to create a solution that suits your style and your budget.

SignEtch™ I and II

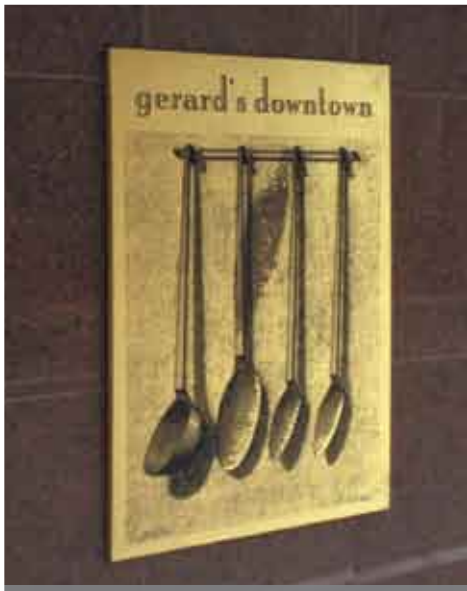
SignEtch™ I is a photochemically etched ADA-Ready™ metal sign, created using the latest technology with craftsman-like metal finishing techniques. SignEtch I features the exceptional depth and definition of recessed graphics in an elegant and unsurpassed presentation. Available in 140 standard colors with metal finishes in brasstone, bronzetone, coppertone and silvertone appearance.

SignEtch™ II is our traditional etched plaque signage solution which is created from aluminum, brass, bronze, or stainless steel materials. SignEtch II blends intricately etched graphics and unique designs to create a distinguished signage solution. Because it uses non-corrosive materials or is finished with a urethane topcoat with UV inhibitors and antioxidants, SignEtch II is rated for interior and exterior applications such as commemorative plaques and building identification.

SignEtch I ADA-Ready™ Plaque sign with sublimated woodgrain graphic

SignEtch I ADA-Ready™ Plaque sign with changeable paper insert

SignEtch II site identity sign



SignEtch II site identity sign

Cast Plaques

Cast bronze or aluminum plaques are a symbol of distinction and offer a classic, timeless appeal to any environment. ASI's cast plaque offering is ideal for commemorative signage and recognition systems that require the look, quality and sculptural aspects of traditional cast metals.

Finishes and Graphics

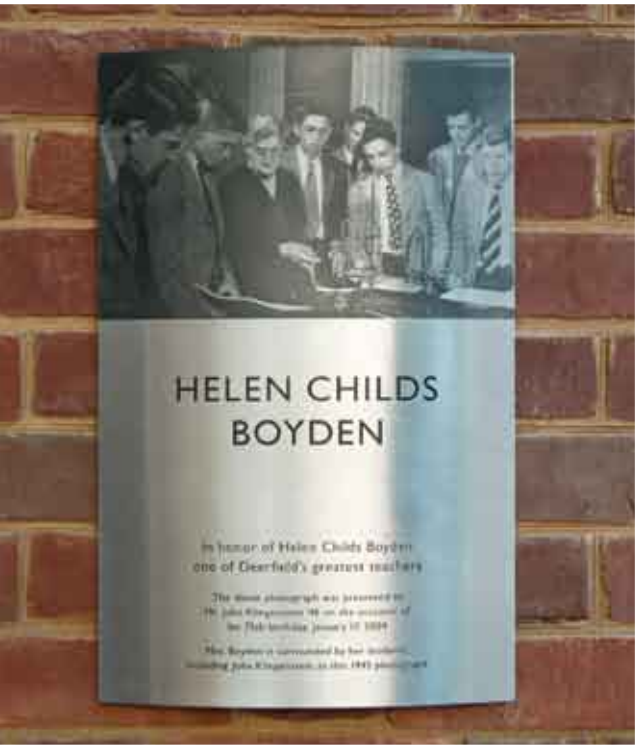
- Cast from bronze or aluminum
- Background finish options: leatherette, pebbled, sculpted and travertine
- Standard, ornamental and flat relief border options
- New technologies providing bas-relief components in digital quality

Honor Donors Distinctively

An effective donor recognition solution does more than recognize contributions. It serves to express appreciation and promote opportunities to support your facility with multiple and scalable levels of giving.

Benefits

- Recognize key benefactors with space for future contributors
- Flexible product solutions to distinguish any level of giving
- Classic materials for long-life and flexibility




PLAZA FOUNTAIN


1371
Treatment Rm.
9
IN MEMORY OF
MARGARET L. WENDT


BURLINGTON PUBLIC LIBRARY


Jim Kelley
Jerry Korab
Robert E. Rich, Jr.
Robert A. Swados
Wayne Redshaw
Jack Gatecliff
Renee Robert
Don Luce
Tim Horton
Fred T. Hunt
Joe Crozier
Dave Andreychuk
Danny Gare
Robert "Rip" Simonick
Mike Ramsey
George Strawbridge
Dick Johnston

Digitally Printed Signage Solutions

Create exciting signage solutions by utilizing four-color graphics on a variety of substrate materials. Digital graphics can be added as a surface appliqué, integrated into the material or printed directly to the surface, depending on the desired appearance.

- Medium and high-resolution digital graphics available
- Apply digital print as an appliqué, as an integral part of the material or directly to the surface
- Wide variety of materials and mounting systems available

Print on Panel

ASI offers photorealistic digitally printed graphics direct onto panels for many standard product lines. ASI's Print on Panel technology allows lighter colors to be printed onto darker colors, and can integrate patterns and watermarks into the artwork. The gloss and matte effects as well as the painted material surface color and texture can bring more dimension to the signage solution.

Product Features

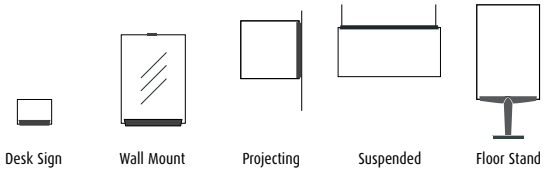
- Full-panel print capability
- Gloss and matte effects available
- Typographical height of capital letters can be less than 0.08" depending on the surface
- 720 dpi resolution seven-color print system, including white ink
- Available on: Compass™, eFlex™, Interior 20™, Infinity™, Macer Interior™, Messenger Interior™, Pacific Interior™, Macer Exterior™, Messenger Exterior™ and Pacific Exterior™

Macer Interior™

Macer Interior™ consists of three components: a uniquely-designed panel holder, aluminum or etronite graphic panel, and a discreet top fitting that is used for large panels or PaperFlex™ signs. When coupled with Macer Exterior™, the system creates a seamless wayfinding signage solution from the outside to the inside. Macer Interior allows for the full integration of photorealistic digitally printed graphics and ASI's standard selection of paint finishes to create a interior signage solution that is as unique and distinctive as the architectural environment where it will be used.

Product Features

- Versatile sign system includes seven standard sign types
- Digitally printed photorealistic graphics printed direct to the panel
- Versatile sign system includes seven standard sign types
- Aluminum graphic panels or optional etronite panels available
- ADA-Ready™ panels and Paperflex™ panels are standard



The Right Information at the Right Place and Time

The science of wayfinding is a comprehensive process designed to orient people as well as guide them to their desired destinations. In an effective wayfinding system, the messages displayed on the signs minimize the natural apprehension visitors feel when arriving at a facility for the first time. Effective wayfinding helps visitors feel comfortable, confident and able to navigate their way throughout a facility without having to ask for directions. The signage also complements the architectural environment and has a uniform appearance so that visitors intuitively know they are in the right place.

Suspended Identity Sign

Wall Mounted Regulatory Sign

Wall Mounted Directional and Orientation Map

PaperFlex™ ADA-Ready™ Wall Mounted Room Identity and Informational Sign

Projecting Identity Sign

There are four primary types of signs represented in a wayfinding solution:

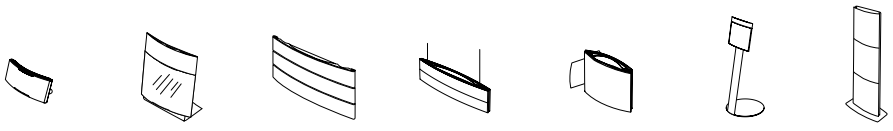
- Identification: permanent rooms, departments and spaces
- Directional: guide visitors via text and graphics to their destinations
- Regulatory: access or operational limitations, e.g., "Authorized Personnel Only"
- Informational: e.g., operating hours, access requirements

Pacific Interior™

The curved-face, simple lines and graceful appearance of Pacific Interior™ blend with any environment, offering a presence that is unobtrusive and inviting. Panels are finished in baked polyester enamel for a long and trouble-free life. Panels fasten unobtrusively to the frame with an optional concealed lock that protects against tampering and theft.

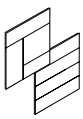
Product Features

- Elegant, classic, curved profile
- Versatile, expandable, modular system
- Front-loading interchangeable aluminum graphic panels
- Inhouse™ updateable paper inserts available
- Single or double-sided options
- Optional design accents available
- ADA-Ready™ panels



Infinity™

Infinity™ modular signage system is the ideal solution for complex wayfinding systems. This versatile system utilizes a patented, perforated chassis with an exclusive, patented attachment and registration system to allow repeated updates and to ensure precise alignment of elements regardless of configuration, size material or design. Infinity can also be used without the chassis to provide a more economical rectanglular or organic shape ADA-Ready™ panel or graphic panel.


Module Attachment & Precision Registration

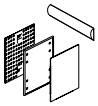

Perforated Metal Chassis

Graphic, Glass & ADA-Ready™ Panels


Accents


Attachment Devices Installation Clip & Spacer


Accessories


WindowSigns™


Floor Stand


Dd
Design Department


←114 - 149
Community Ctr. ↑
←LRC
Student Srvs. ↑


1
North Wing
East Wing
South Wing
West Wing


1
GUEST ROOMS
101 - 113
ROOM GYNERIUM
GUEST ROOMS
116 - 125
ROOM AGAPANTHUS


STUDIO 501
FACILITATORS
LOCAL STATIONS
LIBRARY
STUDIO 502
DV PROD.
5
FLOOR 5

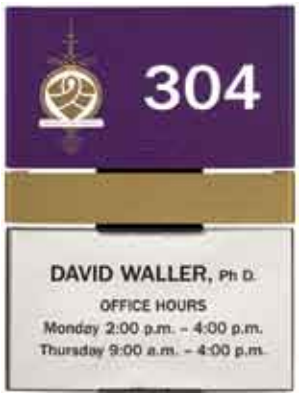

CFA 211 - 221
Elevator
Restrooms


XCAPE


Ruth S. Harley University Center
Second Floor
Third Floor

Messenger Interior™

Messenger Interior™'s pure lines and uncluttered appearance complement the widest range of architectural styles. The system is precision engineered using the most advanced production technologies to create a contemporary appearance that is easily adaptable in rapidly changing environments. Messenger Interior is manufactured in an ISO 9001 compliant facility, ensuring world-class quality and consistency.



Product Features

- Versatile, expandable, modular system
- Front-loading interchangeable aluminum graphic panels
- Inhouse™ updateable paper inserts available
- Single or double-sided options
- ADA-Ready™ panels


Desktop

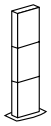

Countertop

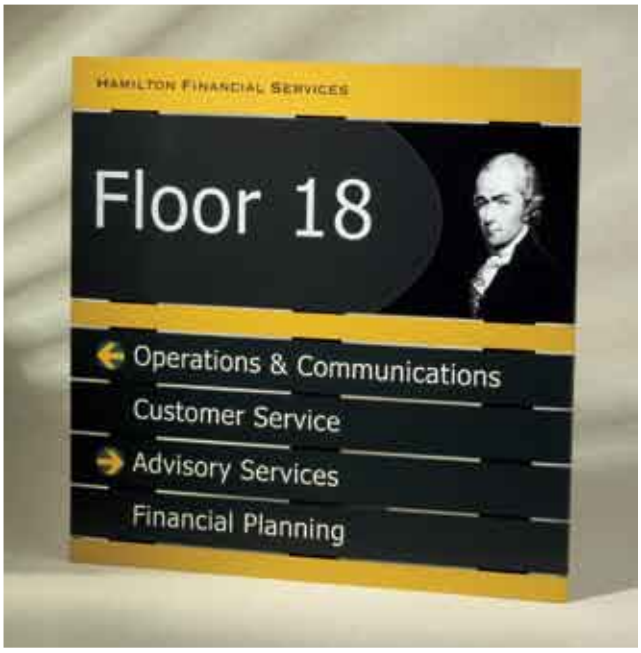

Wall Mount


Suspended


Projecting


Floor Stand


Monolith



Interior 20™

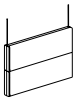
Interior 20™ provides a modular and flexible signage solution. ADA-Ready™ graphic panels are interchangeable from one sign to another, reducing maintenance costs and maximizing the use of each panel.

Product Features

- Complete expandable interior system
- Versatile, modular construction
- Perfect for government and library environments
- ADA-Ready™ panels

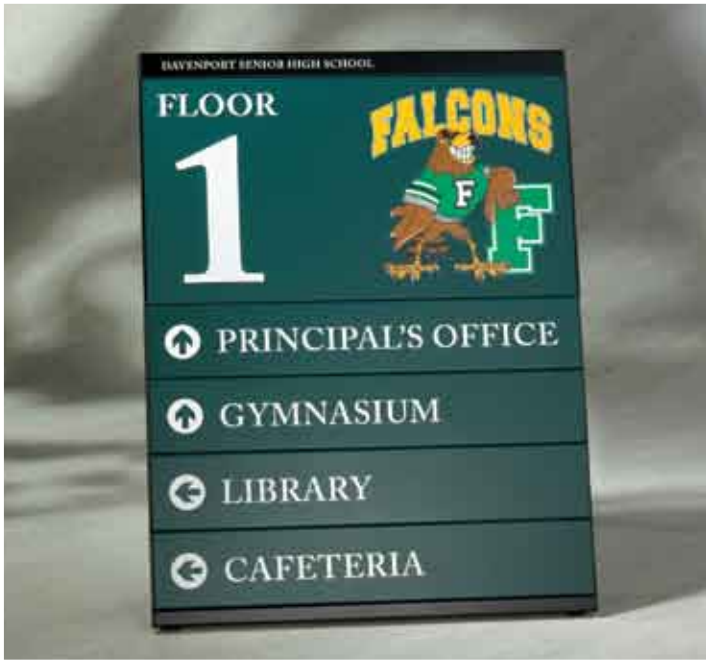
Wall Mount

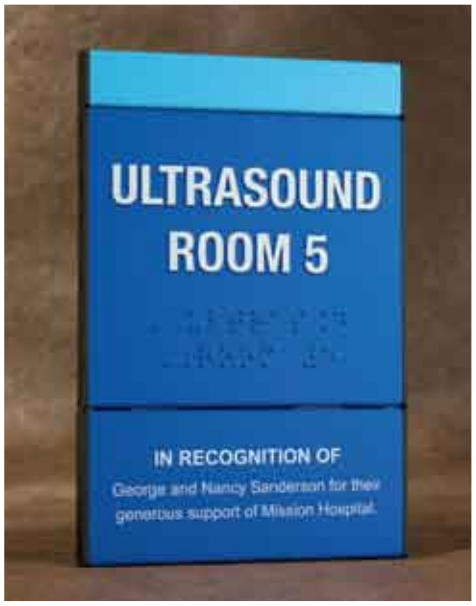
Wall Mount with PaperFlex™ Inhouse™

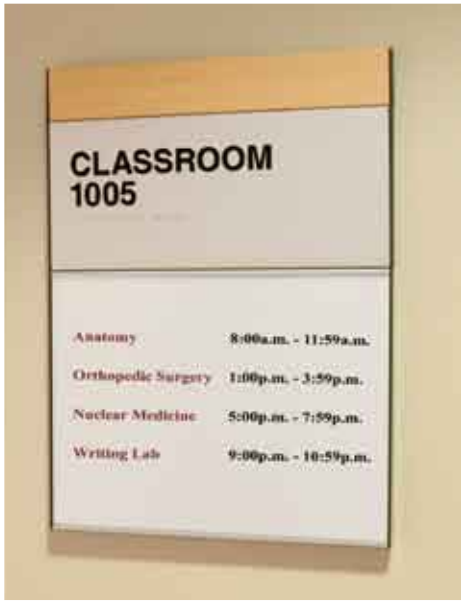

Suspended

Projecting


Floor Stand

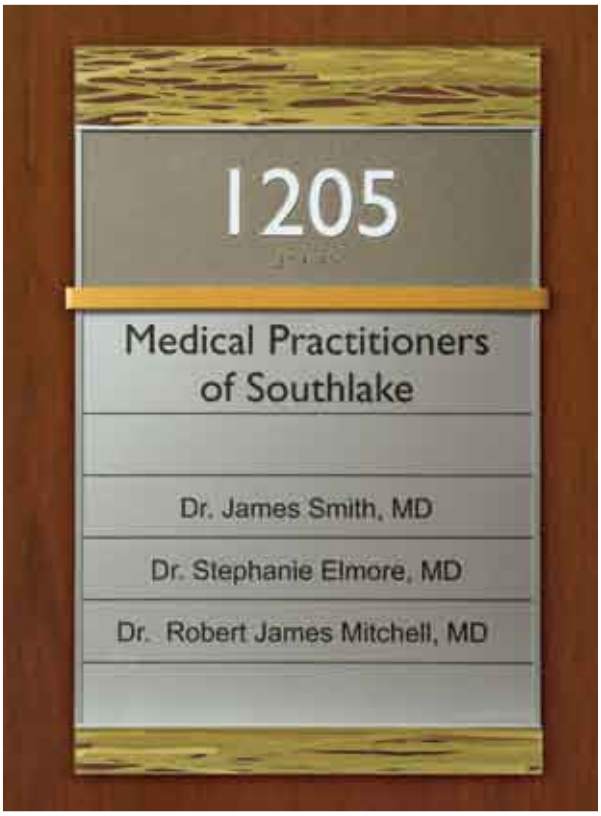






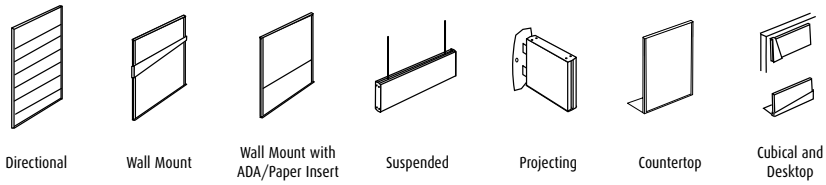
Venus

Venus is a durable, flat-face modular interior signage system designed for architectural environments. The Venus system is comprised of an anodized aluminum extrusion body with an optional accent bar and insert options that create a flexible solution with a distinguished look. The system offers more than 40 standard sizes, from directional signs to name plates. Venus is made from materials which can be easily recycled at the end of the life of the sign.



Product Features

- Flat-face interior sign system with changeable inserts
- Aluminum extruded frame construction with removable end caps and insert panels
- Pre-defined sign types and sizes make creating an interior solution easy
- Select from five standard anodized accent colors or 140 standard paint colors
- Powder coated simulated woodgrain finishes available

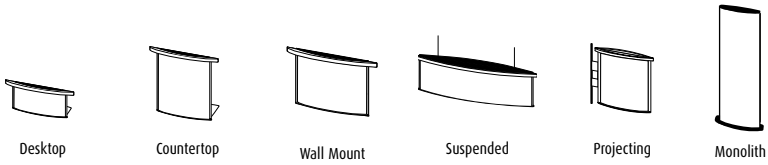


Horizon

Horizon is a curved-face signage solution comprised of aluminum extrusions and a decorative accent piece that provide a flexible system with a distinguished look. The system features 21 pre-defined sizes, from directory signs to name plates. Horizon includes ADA-Ready™ and graphic panels, and is available with finish applications ranging from standard anodized colors to powder-coated woodgrain options. Additionally, Horizon is made from materials which can be easily recycled at the end of the life of the sign.

Product Features

- Curved-face interior sign system with changeable inserts
- Aluminum extruded frame construction with removable end caps and insert panels
- Pre-defined sign types and sizes make creating an interior solution easy
- Select from five standard anodized accent colors or 140 standard paint colors
- Powder coated simulated woodgrain finishes available



Extruded Panels

Extruded panels are ideal for finishing out interior wayfinding solutions for cubicle signs, updateable information signs and desktop information signs. The panels are available in standard sizes and with a clear anodized finish which creates a satin silver look. The slim-line extruded panels are available in both curved and flat options, and the face of the panel can be finished with vinyl graphics appliques and with any of ASI's standard paint finishes.

Product Features

- Standard clear anodized finish, non-standard: black, blue, red, and gold
- Curved and flat-panel options can be cut at custom angles
- LTV series vinyl graphics and applique available
- C-clamp cubicle mounting available

asi®

Signage Innovations™

ASI is represented in more than 40 U.S. cities with global partners in 35 countries.

Visit us at **asi**signage.com for more information regarding our locations, service offerings, product capabilities and experience.