

Goodwyn Mills Cawood 11 North Water Street Suite 19290 Mobile, Alabama 36602 T 251.460.4006 F 251.460.4423

FASCIMILE TRANSMITTAL COVER SHEET

DATE: July 22, 2025

TO: Doris Furr

FROM: Planholder

PROJECT: NEW DORMITORY FOR THE DAUPHIN ISLAND SEA LAB CAMPUS

FOR DAUPHIN ISLAND SEA LAB GMC PROJECT NO. AMOB230181

RE: ADDENDUM NO. 6 AND ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. 6

ACKNOWLEDGEMENT OF RECEIPT:

PLEASE PRINT RECIPIENT'S NAME, FIRM, AND DATE RECEIVED.

THEN FAX BACK TO (251) 460-4423 or EMAIL doris.furr@gmcnetwork.com
FOR OUR RECORDS AND TO ACKNOWLEDGE YOUR RECEIPT OF THIS ADDENDUM.

NAME	(PLEASE PRINT)
FIRM	(PLEASE PRINT)
DATE	RECEIVED (PLEASE PRINT)

ADDENDUM NUMBER 6 July 22, 2025

PROJECT: NEW DORMITORY FOR THE DAUPHIN ISLAND SEA LAB CAMPUS

FOR DAUPHIN ISLAND SEA LAB GMC PROJECT NO. AMOB230181

AD6-1 CLARIFICATIONS / RFI'S / RESPONSES:

- 1. Bidders shall acknowledge receipt of the Addendum in writing, as provided on the Acknowledgment Receipt.
- 2. Is Fairbanks Nijhuis an acceptable fire pump manufacturer if capable of meeting drawings and specs?

RESPONSE: Yes

- 3. Please confirm coating and gauge of a non-load bearing interior framing. Spec. 092116-6 specifies 20 g. 33mill structural studs for 3 5/8" and 6" studs with horizontal bracing. **RESPONSE: Yes, 20 ga 33mils.**
- 4. Can 20g. EQ studs be used with horizontal bracing if it meets deflection and limiting height standards?

RESPONSE: Provide horizontal bridging at 48 inches maximum on center.

- 5. Please confirm the coatings on interior studs, (G40, G60, G90)? **RESPONSE: G60.**
- 6. Please see the attached specification sheets for ASI toilet accessories per your approval in lieu of Bobrik.

RESPONSE:

- A. Toilet tissue dispenser approved replacement
- B. Paper towel/trash receptacle combo unit approved replacement
- C. Soap dispenser approved replacement
- D. Grab bars approved replacement
- E. Mirror approved replacement
- F. Robe Hook approved replacement
- G. Sanitary Napkin Dispenser approved replacement
- H. Seat Cover Dispenser approved replacement
- I. Shower seats approved replacement
- J. Baby changing station approved replacement
- K. Mop and Broom holder approved replacement
- L. Shower rod approved replacement
- M. Shower curtain approved replacement
- N. Shower hooks Replacement not approved. Please provide hooks with rollers equal to: ULINE H-10742.
- O. Specified shower hooks (Bobrick B-204-1) shall be removed and replaced with ULINE H-10742.

- 7. For the aluminum stairs and handrails: I am having difficulty finding the specifications for the material sizes you would like to use for the stair frame, such as the C-channel, tube steel, and I-beam. I have broken down each piece to the scale of the drawing, but before I get quotes on the materials, I wanted to confirm with you if you have exact specifications in mind.
 RESPONSE: The exterior aluminum stairs and screen wall are "Delegated Design". Basically, the engineering to design the proper size aluminum members needs to be included in the quote. So, you will need to be able to determine the sizes you feel appropriate for the estimate.
- 8. Both Polyisocyanurate and EPS insulation are listed in the specs. Which one is required? **RESPONSE: Polyisocyanurate.**
- 9. Spec 014000 states: The Owner shall engage a qualified testing agency to perform testing and inspecting services for work performed in Divisions 2 through 32 however, Spec 033000 states: Concrete Testing Service: General Contractor will engage a qualified independent testing and inspecting agency to perform field tests and inspections and prepare test reports. Tests shall be performed according to ACI 301. Please advise who is responsible for testing.
 RESPONSE: The Owner will provide third party construction material testing.
- 10. Roofing spec list Sarnafil G410 feltback as basis of design which has fiberglass reinforcement and 9oz felt backing. Is this required as the other listed manufacturers use polyester scrim and 3.8oz felt in their PVC? Please advise which is correct.
 RESPONSE: Sarnafil is the basis of design. If the contractor intends to use another manufacturer they will be required to provide a roofing system of equal or greater
- 11. Is a vapor barrier to be installed directly over the metal roof deck? If so, can you provide specs, or is it Kraft paper as noted?
 - RESPONSE: Provide and install a self-adhered vapor barrier equal to GAF SA Vapor Retarder XL, JM Vapor Barrier SA, or Duro-Last Vapor Barrier.
- 12. The roof specialties spec calls for manufactured roof metals to have a Three Coat Fluoropolymer finish. This is a custom finish and increases the cost and lead time significantly, is a standard two coat Kynar finish acceptable?
 - RESPONSE: A 2-coat Kynar system is acceptable.
- 13. Are there any utility usage or tap fees to be paid for by the GC? Will this be covered under the allowance?
 - RESPONSE: General Contractor shall pay all permits and fees associated with the project.
- 14. I am attaching a picture, but there is no detail for the interior pile caps as well as no schedule. We will need some clarification on this.
 - RESPONSE: All 2 pile groups are the same detail 5/S5.0. Refer to Detail 5/S5.0 Pile Cap Detail (Interior).

performance.

15. There are not details for the concrete steps that attach to the building. I can put a price on it but I didn't know if we could request some clarification on this?

RESPONSE: Structural Detail 7/S5.3 is attached with stair plan and section.

- A. Exit 1 Stair 1 Ground Concrete Stair: 4'6" Wide
- B. Exit 2 Stair 2 Ground Concrete Stair: 4'-6" wide
- C. Exit 3 Stair 3 Ground Concrete Stair: 5'-6" wide
- D. Exit 4 Stair 4 Ground Concrete Stair: 3'6" wide
- 16. Concrete spec calls for 10mil vapor barrier however, drawing A5.01 calls for 15mil. Please advise which to use.

RESPONSE: Provide 15 mil minimum vapor barrier. See previous addendum for product specification.

- 17. Please confirm there is no landscaping or irrigation for this project.
 - RESPONSE: There is no landscaping or irrigation for this project. Contractor shall provide fine grading and stabilization of grading as required.
- 18. Please clarify If there is a new fence for this project or just construction fence. A0.01 notes to rebuild the existing fence. Can you please advise the extent of this rebuild.
 RESPONSE: The existing fence noted on Sheet A0.01 is existing to remain. There is new black vinyl coated fencing along the new retaining wall that shall be provided and installed by the contractor.
- 19. Drawings Sheet G1.21 shows UL P514 assembly. The roof assembly shown there shows a 5/8" Gypsum Substrate board over the steel deck but does not show a vapor barrier. Also, it shows a substrate board in the assembly and not a coverboard. However, if EPS insulation is required, as listed in the specifications, then a coverboard would be required to adhere the roof membrane to. Please provide a clear summary of the roof system assembly.
 - RESPONSE: The roof system is as follows; PVC membrane roofing over 5/8" coverboard, over Polyiso rigid insulation, over vapor barrier over metal deck. Contractor shall include all taper insulation, flashings, copings, fasteners, scuppers, downspouts and all miscellaneous material and labor for a complete and warrantable installation.
- 20. Addendum 5 is specifying that the access control is existing to remain. What brand is existing? RESPONSE: This is a new building so there is no existing access control. The contractor shall provide and install a new access control system with devices including conduits, j-boxes, etc. for all exterior doors and shall integrate this access control monitoring with the existing campus system. The new access control devices must be compatible with the existing campus access controls and security network AccessIT with RS2 support for access controls and Sighthound for video security.
- 21. What is the anticipated start date?

RESPONSE: ASAP after contract award.

22. Please confirm if Mule-Hide can be added as an approved manufacturer for the roofing system. **RESPONSE: Provide specific product data indicating the manufacture is an approved equal.**

Spec Section 075419, paragraph 3.3.C, calls for EPS insulation, while the drawings indicate use of rigid insulation. Please advise.

RESPONSE: Provide and install R-25 polyiso rigid insulation over entire roof deck; provide and install taper insulation where shown on roof plan and as required to provide positive roof drainage.

23. There is conflicting information between the drawings and specifications. Drawings call for a fully adhered system. Spec 3.3.C calls for mechanically attached insulation and fully adhered membrane, but does not indicate how to secure the cover board.

RESPONSE: The roof membrane shall be fully adhered. The coverboard and insulation shall be mechanically attached.

Please confirm the required method of attachment for each layer of the roof system, including:

- Insulation board
- Cover board
- Membrane

RESPONSE: See above.

24. Please confirm whether Schindler Elevator Corporation is an acceptable manufacturer for the electric traction elevator system specified under Section 142100.

RESPONSE: Yes

- 25. Addendum #5, Q&A Response #18 states that all submitted elevator systems shall provide an estimated average maintenance cost for the next 20 years. Please confirm whether this maintenance cost should be:
 - 1) Included in the base bid price,
 - 2) Submitted as a separate line item / Alternate, or
 - 3) Provided as a unit price or alternate for informational purposes only.

This clarification is needed to ensure consistency in pricing across all bidders.

RESPONSE: Provide elevator maintenance cost as a Unit Price. Revised Unit Price Form is attached.

26. Sheet A6.02 indicates "Fiber Cement on Rain Screen Furring," but this wall assembly is not referenced on other architectural drawings or in the wall type designations.

Please confirm whether this rain screen assembly is required. If so, please provide:

- 1) Specification section governing the rain screen system, and
- 2) Complete wall assembly details, including material types, thicknesses, and installation requirements.

This information is needed to accurately price and coordinate the exterior wall system.

RESPONSE: Fiber cement siding is attached to Z-furring at 16" o.c. Install per manufacturer requirements and recommendations.

- 27. Addendum #5, Q&A Response #6 indicates that the decorative metal panels at exterior stairwells are now part of Alternate No. 2 per the revised Section 012300.Please confirm regarding the base bid scope:
 - 1) Should bidders exclude the decorative perforated metal panels from the base bid entirely?

- 2) Does this change also remove the aluminum tube framing previously shown around the stairs, or is the framing still required in the base bid regardless of panel inclusion?
- 3) Please clarify what system (if any) should be provided in the base bid in lieu of the panel system.

Clarification is needed to ensure accurate base bid pricing and understanding of alternate scope.

RESPONSE:

- 1. Yes, the decorative metal panels shall be included in Alternate #2 and not part of the base bid.
- 2. No. All framing (columns, beams, and associated framing) shall be included in the base bid. An Allowance will be provided for the Exterior Stairs. See attached Allowance Specification.
- 3. No panels shall be provided in the base bid.
- 28. The drawings note a premanufactured millwork system that is GC provided and manufacturer installed. I looked in the specifications and see inspired closets listed. I called their mobile office and was told that they were pricing the owner direct and not GCs. Is this accurate?

 RESPONSE: It is to be provided and installed by the General Contractor.
- 29. Quick question since we are on a time crunch on this quote for DISL interior signage. I see that 3form Varia is RP-1, RP-2 and RP-3. On finish schedule -it says Letter and No-Digital Print. However, there is a V1-1 that says Vinyl lettering for room numbers. Can you please confirm if we are doing Vinyl lettering on the room number signs or you want them digital printed? **RESPONSE: The interior room signage shall be vinyl applied letters and numbers, not digital print.**
- 30. Please confirm that the minimum pile embedment length for Augered Cast-in-Place (ACP) piles refers to the distance from pile tip to pile cut-off elevation. Additionally, please clarify which value governs the overall pile length for bidding and fabrication purposes:
 - Sheet S0.0 states a minimum pile embedment of 30'-0".
 - Sheet S4.0 shows a pile tip elevation of -22'-0".

Please confirm the required pile length and embedment criteria.

RESPONSE: The pile schedule on drawing \$4.0 shows the top of pile (T/Pile) at means sea level elevation. The typical pile detail shows all piles to be at a tip elevation of -22'-0" (which should have MSL) mean sea level. Drawing \$0.0 states pile embedment depth as 30 ft minimum. The -22'-0" mean sea level is 30ft below existing grade of 8'-0". The total length of pile is the difference between top of pile elevation and tip elevation.

- 31. Spec Section 055100 lists four acceptable vendors for aluminum stairs: Hydro Extrusion (basis of design), EZ Access, TMP Services, and American Access. All four have declined to bid due to design or engineering limitations, including the basis of design. Please provide immediate direction on how this scope should be carried for bid. Without alternate approved vendors or a revised spec, this item cannot be responsibly priced.
 - RESPONSE: An Allowance will be provided for the Exterior Stairs. See attached Allowance Specification.

32. The Railing Schedule on A5.41 provides only type names (R-1, R-2, etc.) with no locations, materials, mounting types, or finishes. Additionally, Spec 055200 – Handrails and Railings was deleted per Addendum #5, leaving no specification for railing requirements.

RESPONSE: Guardrails and Handrails shall use Detail H9/A5.41. Sheet A0.10 Site Plan Addendum 6 is attached.

- 33. Please clarify:
 - 1) Required material/finish for:
 - Fire Riser Room entrance
 - Main ADA ramp/stairs
 - Retaining wall railing

RESPONSE:

Fire Riser Room entrance – The cast-in-place concrete shall be provided with a light broom concrete finish.

Main ADA ramp/stairs – The cast-in-place concrete shall be provided with a light broom concrete finish.

Retaining wall railing - Black vinyl coated chain link fencing.

Sheet A0.10 Site Plan Addendum 6 is attached.

- 34. Will a revised railing schedule or spec be issued? This scope cannot be bid as shown.

 RESPONSE: Provide anodized aluminum guardrails and handrails for all the concrete stairs, concrete landings, and concrete ramps. Revised Sheet A0.10 Site Plan Addendum 6 is attached.
- 35. Please clarify slab-on-metal deck (2nd floor & elevator lid) concrete type, i.e. normal or structural lightweight? Plans call for lightweight while spec section 03 300 2.9 A.3 indicates normal weight. RESPONSE: The 2nd floor and elevator roof will be light weight concrete to meet the fire rating. The density will be 110-120 pcf.
- 36. If structural lightweight, what range of density, i.e. 115-120 pcf or other?

 RESPONSE: The 2nd floor and elevator roof will be light weight concrete to meet the fire rating.

 The density will be 110-120 pcf.
- 37. Addendum 3 specs Voice Evac system, per plans provided ref. section 2.5, specs speakers included. Plans provided E0.01 specs (Edwards IO1000) which is not voice Evac.and E1.31 plans do not show any speakers. Are we missing a Set of updated Fire Alarm plans, that show the Voice Evac system and the devices scoped per Addendum 3? Is it required to have voice evac alarm and speakers or is a fire alarm with horns and strobes acceptable.
 - RESPONSE: RESPONSE: Addendum 3 <u>removed</u> the requirement for voice evacuation from the specifications. The basis of design for the FACP is Edwards IO1000. Devices are to be 520Hz, as indicated on the plan documents.
- 38. The elevator lid section on sheet S5.2 calls out 6x6 W2.9xW2.9 WWF but no other plan, note or section talks about the 2nd floor reinforcing whatsoever.

RESPONSE: The 2nd floor and elevator roof slab will need W2.9XW2.9 4X4 WWF.

- 39. Change Panel Type from Seaweed to Austin. See attached panel example or Pre-approved equal.
- 40. Wood Specialties manufacturing is an acceptable manufacturer for the closet systems for the dorm project contingent on compliance with all the requirements and conditions of the plans and specifications and all addenda to date.
- 41. Peachtree Protective Covers is an approved manufacturer contingent on compliance with all the requirements and conditions of the plans and specifications and all addenda to date.
- 42. Add the following manufacturers to the SECTION 06 4000 ARCHITECTURAL WOODWORK 2.7 DORM CLOSET SYSTEMS manufacturers list:
 - i. California Closets: (888) 304-9775
 - ii. Closets by Design: 27 Mason Ln Unit B, Pensacola, FL 32505, (850) 637-1000
 - iii. Wood Specialties Manufacturing
- 43. Can the bid date be extended by 1 week? This will give us more time to review the pre-bid addendums recently sent with the subcontractor market to ensure the best pricing is gathered. RESPONSE: The bid date has been moved to July 31st at 2:00pm. Same location. All Request for Information (RFI) must be emailed in by July 24 @ 2pm.

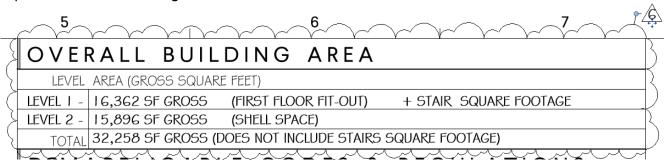
AD6-2 ISSUED SPECIFICATIONS:

- 44. Section 01 2100 Allowance:
 - A. Replace Specification Section 01 2100 Allowance with Section 01 2100 Allowance Addendum 6 dated 07/22/2025 in its entirety.
- 45. Section 01 2300 Alternates:
 - A. Replace Specification Section 01 2300 Alternates with the attached Section 01 2300 Alternates (Addendum No. 5) dated 07/18/2025 in its entirety.
- 46. Section 07 54 19 PVC Membrane Roofing:
 - A. 1.4 -C. Project Site Wind Load Change 140 mph to 155 mph to match the project Structural S0.0 Wind Load.
- 47. 087100 Door Hardware: Hardware Set #8- Opening 146- 90 Minute Rated Tornado Doors- Some Hardware provided by Door Supplier.;
 - A. Add Electric Hold Open Closers-Power to frame required.
- 48. Revised 01 02 60 Unit Prices Addendum No. 6 replace in its entirety.
 - A. Note Items 34 and 35 were added and Item 33 revised.
- 49. Replace revised Proposal Form in its entirety.

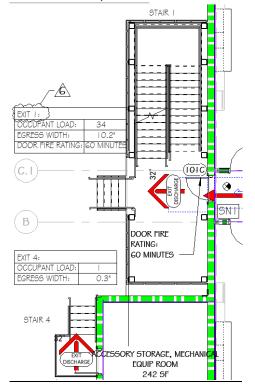
50. Replace revised Attachment A to Proposal Form in its entirety.

AD6-3 ISSUED DRAWINGS:

- 51. Replace Sheet A0.01 Demolition Site Plan with the new Sheet A0.01 Demolition Site Plan Addendum 6 dated 07/22/2025 in its entirety.
 - A. General Demolition Notes were added with adding 1 tree for demolition and 2 smaller trees for Owner to transplant.
- 52. Replace Sheet A0.01 Site Plan with the new Sheet A0.01 Demolition Site Plan Addendum 6 dated 07/22/2025 in its entirety.
 - A. Concrete Stairs were labeled, numbered and dimensioned.
- 53. Sheet G2.00 Life Safety Code Analysis- The Overall Building Area square footages are to be updated with the following numbers:



54. Sheet G2.01 Life Safety Plan – Level 1: Stair 1 Exit shall be labeled Exit 1. See screenshot below.



- 55. Sheet 6.03 Glazing System Schedule: Replace Sheet 6.03 Glazing System Schedule Addendum 6 date 7/21/2025 In its entirety.
 - A. The window glazing colors have been clarified for Window Type W1, W2, W3, SF-1, and SF-2. The 5 colors are: Clear, Azuria, Solexia, Pacifica, Solarbronze.

B.

- 56. Electrical Sheets E0.01 Legend, Notes & Abbreviations Addendum 6 dated 7/21/2025 replace in its entirety.
- 57. Electrical Sheets E1.31 First Floor Plan Auxiliary Addendum 6 dated 7/21/2025 replace in its entirety.
- 58. Electrical Sheets E5.01 Riser Diagrams Addendum 6 dated 7/21/2025 replace in its entirety.

AD6-4 ATTACHMENTS:

- A. Addendum Acknowledgment Response
- B. AttachmentA_ProposalForm_Revised2 AD6
- C. C-3_Proposal REV AD6
- D. 010260 unit prices AD6
- E. 012100 Allowances AD6
- F. 012300 Alternates ad6
- G. austin-48x96_0
- H. S5.3_DI Seal Lab Dorm Steps 7-21-25_2
- I. A0.01 DEMOLITION SITE PLAN AD6
- J. A0.10 SITE PLAN AD6 FINAL
- K. A6.03 glazing system schedules & details ad6_3
- L. E0.01 Legend, Notes & Abbreviations Addendum 6
- M. E1.31 First Floor Plan Auxiliary Addendum 6
- N. E5.01 Riser Diagrams Addendum 6

-END OF ADDENDUM-

PREPARED BY



Goodwyn Mills Cawood 11 North Water Street

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ADDENDUM No. 6

ATTACHMENT A

TO PROPOSAL FORM

1.1 UNIT PRICES:

A. The following items of work are anticipated during the performance of this contract; however the exact quantity of each work item may not be determinable prior to bidding. These Allowance Unit Prices include all charges for labor and materials, shoring, fee, layout, supervision (field and home office), general expenses, taxes, insurance, overhead and profit, but not limited to, for the accomplishment of the Allowance item(s).

<u>Clarification Note</u>: The Unit Prices quoted by the Contractor shall apply to increases (additive change orders) and to decreases (deductive change orders). This requirement shall supplement the requirements of the General Conditions and Instruction to Bidders. Changes in the Contract amount that are computed using the Stated Allowances and Unit Prices shall be figured at the same unit price whether additive or deductive.

- B. Refer to Section 010260 "Unit Prices", and to the respective sections of the Specifications for the complete Unit Price Item description.
- C. Submit the following Unit Prices with the Proposal Form on Bid Date.

<u>ITEM</u>	UNIT QTY	<u>UNIT</u>	UNIT PRICE	UNIT QUOTED PRICE
Clearing and Grubbing	1	SY		
2. Trench Earth Excavation	1	CY		
3. Hand Earth Excavation	1	CY		
4. Additional Soil				
4A. Topsoil	1	CY		
4B. Trench Backfill	1	CY		
4C. Select Fill	1	CY		
5. Sod	1	SY		
6. Fine Grading	1	SY		
7. Grading – Cut/Fill Shift on Site	1	CY		

8. Grading – Cut and Export	1	CY	
9. Excavation and Disposal of Unsuitable Soils	1	CY	
10. Seeding and Mulching	1	SY	
11. Silt Fencing	1	LF	
12. New Asphalt Pavement	1	SY	
13. New Concrete Sidewalk	1	SY	
14. New Crushed Aggregate Base ALDOT 825B	100	CY	
15. New 4" DI Gravity Sewer	1	LF	
16. Miscellaneous DI Fittings	1	LBS	
17. 2" DI Water Line	1	LF	
18. 2" Gate Valve	1	EA	
19. 6" DI Water Line	1	LF	
20. 6" Gate Valve	1	EA	
21. Fire Hydrant Assembly	1	EA	
22. Electrical – Data and Phone Outlet in Wall	1	EA	
23. Electrical – Junction Box Above Ceiling	1	EA	
24. Electrical – Duplex Power Outlet in Wall (120V)	1	EA	
25. Electrical – Junction Box in Wall	1	EA	
26. Electrical – Power Outlet in Wall (120V)	1	EA	
27. Electrical – Exit Light	1	EA	
28. Fire Extinguisher and Cabinet	1	EA	
29. Exterior Window Type 1	1	EA	
30. Exterior Window Type 2	1	EA	
31. Painting - Interior	100	SF	
32. Painting Exterior	100	SF	

33. Tree Removal 18 inch – 36 inch	1	EA	
34. Traction Elevator Maintenance Cost		EA	
35. Hydraulic Elevator Maintenance Cost (Alternate #1)		EA	
UNIT PRICE TOTAL:			\$

(*) Legend to "Unit" quantity abbreviations: CY Cubic Yards

SY Square Yards LF Linear Foot LBS Pounds EA Each

Note: Failure to complete and submit this attachment with proposal shall be grounds for rejections of bid.

END OF ATTACHMENT A TO PROPOSAL FORM

PROPOSAL FORM

To:			Date:
(Awarding Authority)			
In compliance with the Advertisement for B	ids and subject t	to all conditions	thereof, the undersigned
	(Legal Name of Bidder	r)	
hereby proposes to furnish all labor and mate	erials and perfor	m all work requ	nired for the construction of
WORK			
in accordance with Drawings and Specificati	ons, dated		, prepared by
			, Architect/Engineer.
The Bidder, which is organized and existing	under the laws	of the State of	,
having its principal offices in the City of			
LISTING OF PARTNERS OR OFFICE	DC. ICD:11.		
BIDDER'S REPRESENTATION: The Work, having become fully informed rega Drawings and Specifications (including a and Contract Documents relative thereto, performed.	Bidder declare rding all pertine all Addenda re	es that it has ent conditions, eceived) for the	e examined the site of the and that it has examined the e Work and the other Bio
ADDENDA: The Bidder acknowledges rece	ipt of Addenda	Nos tł	nrough inclusively.
BASE BID to include ALLOWANCES: F	for construction	complete as sh	own and specified, the sum o
		•	rs (\$)
ALTERNATING IC I	4 P:1P		. 1 . 1 . C . 11
ALTERNATES: If alternates as set forth in adjustments are to be made to the Base Bid: For Alternate No. 1 (
For Alternate No. 2 (
For Alternate No. 3 (
For Alternate No. 4 (
For Alternate No. 5 (
For Alternate No. 6 (

UNIT PRICES - (Attach to this Proposal Form the unit prices, if any, on a separate sheet.)

BID SECURITY: The undersigned agrees to enter into a Construction Contract and furnish the prescribed Performance and Payment Bonds and evidence of insurance within fifteen calendar days, or such other period stated in the Bid Documents, after the contract forms have been presented for signature, provided such presentation is made within 30 calendar days after the opening of bids, or such other period stated in the Bid Documents. As security for this condition, the undersigned further agrees that the funds represented by the Bid Bond (or cashier's check) attached hereto may be called and paid into the account of the Awarding Authority as liquidated damages for failure to so comply.

Attached hereto is a: (M	Aark the appropriate box and provide the applica	able information.)
O Bid Bond, exec	uted by	as Surety.
a cashier's chec	k on theB	Sank of,
for the sum of		
Dollars (\$) made payable to	the Awarding Authority.
BIDDER'S ALABAM State License for General	IA LICENSE: Contracting:	
	License Number Bid Limi	it Type(s) of Work
complete, and that the the undersigned at the a The Bidder also decl submitted at a time s	bid is made in full accord with State la address set forth below.	on indicated in this document is true and aw. Notice of acceptance may be sent to or subcontractors and suppliers will be established by the Architect in the Bid 24) hours after receipt of bids.
Legal Name of Bidder		
Mailing Address		
* By (Legal Signature)_		
Email Address		

Note: A completed DCM Form C-3A: Accounting of Sales Tax must be submitted with DCM Form C-3: Proposal Form. Submission of DCM Form C-3A is required, it is not optional. A proposal shall be rendered non-responsive if an Accounting of Sales Tax is not provided.

^{*} If other than the individual proprietor, or an above named member of the Partnership, or the above named president, vice-president, or secretary of the Corporation, attach written authority to bind the Bidder. Any modification to a bid shall be over the initials of the person signing the bid, or of an authorized representative.

Addendum No. 6

SECTION 01 0260

UNIT PRICES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes administrative and procedural requirements for unit prices.
 - A unit price is an amount proposed by Bidders, as a price per unit of measurement for materials and/or services that will be added to or deducted from the Contract Sum by Change Order in the event the estimated quantities of Work required by the Contract Documents are increased or decreased, in accordance with the General Conditions and/or other provisions of the Bid and Contract Documents.
 - 2. Unit prices shall include all necessary material, labor, fees, layout, supervision (field and home office), general expenses, insurance, bonds, overhead, profit and applicable taxes, for unit item of work in place.
 - 3. Refer to other Division 1 Sections and individual Specification Sections for construction activities requiring the establishment of unit prices. Methods of approval, verification, measurement and payment for unit prices are specified in those sections.
- B. Related Work specified elsewhere herein includes:
 - 1. Section 01015 "Special Conditions"
 - 2. Section 02110 "Site Clearing"
 - 3. Section 02200 "Earthwork"
 - 4. Section 02900 "Landscape Work"
 - 5. Section 03310 "Concrete"

C. Schedule

- 1. A "Unit Price Schedule" is included at the end of this Section. Specification Sections referenced in the Schedule contain requirements for materials and methods described under each unit price.
- 2. The Owner reserves the right to reject the Contractor's measurement of work-in-place that involves use of established unit prices, and to have this work measured by an independent surveyor acceptable to the Contractor at the Owner's expense.

PART 2 - PRODUCTS

2.1 NOT APPLICABLE

PART 3 - EXECUTION

3.1 ITEMIZED UNIT PRICE SCHEDULE:

A. Item No. 1 - Clearing and Grubbing:

- 1. Description: Clear and dispose of vegetation and root balls as directed in accordance with Divisions 31 "Site Clearing", Drawings and all related work.
- 2. Unit of Measure: Square yard (SY) of earth excavated.

B. Item No. 2 - Trench Earth Excavation:

- Description: Remove and dispose of unsuitable earth, including earth not needed or not suitable for reuse, encountered in trenches, in accordance with Section 02200 -"Earthwork."
- 2. Unit of Measure: Cubic yard (CY) of earth excavated.

C. Item No. 3 - Hand Earth Excavation:

- Description: Remove and dispose of unsuitable earth, including earth not needed or not suitable for reuse, which must be excavated by hand, in accordance with Section 02200 -"Earthwork."
- 2. Unit of Measure: Cubic yard (CY) of earth excavated.

D. Item No.4 - Additional Soil:

1. Item No. 4a - Topsoil:

- Description: Provide additional topsoil from offsite locations in accordance with Section 02200 – "Earthwork", Section 02900 – "Landscape Work", and applicable portions of other sections.
- b. Unit of Measure: Cubic yard (CY) of topsoil in place.

2. Item No.4b - Trench Backfill:

a. Description: Provide acceptable backfill in trenches, compacted to meet requirements specified for the affected area, in accordance with Section 02200 - "Earthwork."

3. Item No.4c - Select Fill:

- a. Description: Provide acceptable select fill obtained from offsite locations, compacted to meet the requirements specified for the affected area, in accordance with Section 02200 - "Earthwork."
- b. Unit of Measure: Cubic Yard (CY) of fill, in place.

E. Item No.5 - Sod:

1. Description: Provide additional sod as directed, including fine grading, soil amendments,

DAUPHIN ISLAND SEA LAB

fertilizers, sod, maintenance, etc., in accordance with Section 02900 - "Landscape Work ".

2. Unit of Measure: Square yard (SY) of sod, in place.

F. Item No.6 - Fine Grading

- 1. Description: Provide all tools and equipment necessary to fine grade in place soil material to depths ranging from O" 4",in accordance with Division 31 "Earth Moving", Drawings, and all related work.
- 2. Unit of Measure: Square Yard (SY)

G. Item No. 7 - Grading- Cut/Fill Shift on Site

- Description: Provide all tools and equipment necessary to cut and/or fill areas with material currently on-site, in accordance with Division 31 - "Earth Moving", Drawings, and all related work.
- 2. Unit of Measure: Cubic Yard (CY)

H. Item No.8 - Grading- Cut and Export

- Description: Provide all tools and equipment necessary to cut and export soil materials to on-campus spoils area, in accordance with Division 31- "Earth Moving", Drawings, and all related work.
- 2. Unit of Measure: Cubic Yard (CY)

I. Item No. 9 - Excavation and Disposal of Unsuitable Soils

- 1. Description: Provide all tools and equipment necessary to cut and export unsuitable soil materials to an off-campus disposal area provided by the contractor, in accordance with Division 31 "Earth Moving", Drawings, and all related work.
- 2. Unit of Measure: Cubic Yard (CY)

J. Item No. 10 - Seeding and Mulching

- 1. Description: Provide and install Seeding and Mulching at location as directed, in accordance with Division 32 "Lawns and Grasses", Drawings, and all related work.
- 2. Unit of Measure: Square Yard (SY)

K. Item No.11 - Silt Fencing

- 1. Description: Provide and install Silt Fencing at location as directed, in accordance with Division 31-"Site Clearing", Drawings, and all related work.
- 2. Unit of Measure: Linear Foot (LF)

L. Item No. 12 - New Asphalt Pavement (6" Granular - 4" Binder -1.5" Wearing

1. Description: Provide and install 6" thick reinforced concrete sidewalk at location as

DAUPHIN ISLAND SEA LAB

directed, in accordance with Division 32 - "Concrete Paving", Drawings, and all related work.

2. Unit of Measure: Square Yard (SY)

M. Item No.13 - New Concrete Sidewalk (6" Thick)

- Description: Provide and install 6" thick reinforced concrete sidewalk at location as directed, in accordance with Division 32 - "Concrete Paving", Drawings, and all related work.
- 2. Unit of Measure: Square Yard (SY)

N. Item No.14 - Crushed Aggregate Base

- 1. Description: Provide and install new crushed aggregate base per ALDOT 825B' as directed.
- 2. Unit of Measure: Cubic Yard (CY)

O. Item No.15 - New 4" DI Gravity Sewer

- Description: Provide and install 4" Ductile Iron pipe at location as directed, complete with gland packs and required trenching, bedding and backfill, in accordance with Division 33
 "Metal Pipe and Fittings for Sewerage", Drawings, and all related work.
- 2. Unit of Measure: Linear Foot (LF)

P. Item No. 16- Miscellaneous DI Fittings

- Description: Provide and install assorted Ductile Iron fittings at location as directed, complete with gland packs, restraint and required trenching, bedding and backfill, in accordance with Division 33 "Metal Pipe and Fittings for Water Utilities" and Division 33 "Metal Pipe and Fittings for Sewerage", Drawings, and all related work.
- 2. Unit of Measure: Pounds (LBS)

Q. Item No.17 - 2" DI Water Line

- Description: Provide and install 4" Ductile Iron pipe at location as directed, complete with gland packs and required trenching, bedding and backfill, in accordance with Division 33
 "Metal Pipe and Fittings for Water Utilities", Drawings, and all related work.
- 2. Unit of Measure: Linear Foot (LF)

R. Item No.18 - 2" Gate Valve

- 1. Description: Provide and install 4" Gate Valves, complete with cast iron valve box and any required valve extensions at location as directed, in accordance with Division 33 "Water Utility Distribution Valves", Drawings, and all related work.
- 2. Unit of Measure: Each (EA)

S. Item No. 19 - 6" DI Water Line

- Description: Provide and install 6" Ductile Iron pipe at location as directed, complete with gland packs and required trenching, bedding and backfill, in accordance with Division 33
 "Metal Pipe and Fittings for Water Utilities", Drawings, and all related work.
- 2. Unit of Measure: Linear Foot (LF)

T. Item No. 20 - 6" Gate Valve

- Description: Provide and install 6" Gate Valves, complete with cast iron valve box and any required valve extensions at location as directed, in accordance with Division 33 - "Water Utility Distribution - Valves", Drawings, and all related work.
- 2. Unit of Measure: Each (EA)

U. Item No. 21 - Fire Hydrant Assembly

- Description: Provide and install Fire Hydrant Assembly, complete with hydrant tee, isolation valve, cast iron valve box and any required valve and/or hydrant extensions at location as directed, in accordance with Division 22 - "Water Distribution", Drawings, and all related work.
- 2. Unit of Measure: Each (EA).

V. Item No. 22 - Electrical - Data and Phone Outlet in Wall

- 1. Description: Provide and install typical data/phone outlet in wall at location as directed, complete with junction box, 50-feet of conduit and typical wiring, cover plate, connections to device indicated or as directed, in accordance with Division 16 "Electrical", Drawings, and all related work.
- 2. Unit of Measure: Each (EA)

W. Item No. 23 - Electrical - Junction Box Above Ceiling

- 1. Description: Provide and install typical electrical junction box at location as directed, complete with 50-feet of conduit and typical 120-volt wiring, cover plate, connections to power and device indicated or as directed, in accordance with Division 16 "Electrical", Drawings, and all related work.
- 2. Unit of Measure: Each (EA)

X. Item No. 24 - Electrical - Duplex power outlet in wall (120V)

- Description: Provide and install typical duplex electrical outlet at location as directed, complete with junction box, 50-feet of conduit and typical 120-volt wiring, cover plate, connections to power and device indicated or as directed, in accordance with Division 16

 "Electrical", Drawings, and all related work.
- 2. Unit of Measure: Each (EA)

Y. Item No. 25 - Electrical - Junction Box in Wall

- 1. Description: Provide and install typical electrical junction box at location as directed, complete with 50-feet of conduit and typical 120 volt wiring, cover plate, connections to power and device indicated or as directed, in accordance with Division 16 - "Electrical", Drawings, and all related work
- 2. Unit of Measure: Each (EA)

Item No. 26 - Electrical - Duplex Power Outlet in Wall (120V) AA.

- 1. Description: Provide and install typical duplex electrical outlet at location as directed, complete with junction box, 50-feet of conduit and typical 120 volt wiring, cover plate, connections to power and device indicated or as directed, in accordance with Division 16 - "Electrical", Drawings, and all related work.
- 2. Unit of Measure: Each (EA)

BB. Item No. 27 - Electrical - Exit Light

- 1. Description: Provide and install exit light at location as directed, complete with junction box, 50-feet of conduit and typical 240-volt wiring, cover plate, connections to power and device indicated or as directed in accordance with Division 16 - "Electrical", Drawings, and all related work.
- 2. Unit of Measure: Each (EA)

CC. Item No. 28 - Fire Extinguisher and Cabinet

- 1. Description: Provide and install Fire Extinguisher and Cabinet at location as directed including all anchorage and mounting hardware as needed or as directed.
- 2. Unit of Measure: Each (EA)

DD. Item No. 29 - Exterior Window Type 1

- 1. Description: Provide and install Exterior Type 1 Window as indicated or as directed and all related work.
- 2. Unit of Measure: Each (EA)

EE. Item No. 30 - Exterior Window Type 2

- 1. Description: Provide and install Exterior Type 3 Window as indicated or as directed and all related work.
- 2. Unit of Measure: Each (EA)

FF. Item No. 31 - Painting - Interior

DAUPHIN ISLAND SEA LAB

- 1. Description: Provide and install new interior painting in accordance with Specification Section "099000 Interior and Exterior Paints and Coatings" and as indicated or as directed and all related work.
- 2. Unit of Measure: Square Foot (SF)

GG. Item No. 32- Painting - Exterior

- Description: Provide and install new exterior painting in accordance with Specification Section "099000 – Interior and Exterior Paints and Coatings" and as indicated or as directed and all related work.
- 2. Unit of Measure: Square Foot (SF)

II. Item No. 33 – Tree Removal 18 inch – 36 inch

- 1. Description: Provide pricing to cut and remove tree sizes between 18 inch to 36 inch trees diameters in accordance with Plans and Specifications as indicated or as directed.
- 2. Unit of Measure: Each (EA)

III. Item No. 34- Traction Elevator Maintenance Cost

- 3. Description: Provide Traction elevator system pricing for estimated average maintenance cost for the next 20 years.
- 4. Unit of Measure: Each (EA)

IV. Item No. 35- Hydraulic Elevator Maintenance Cost (Alternate #1)

- 5. Description: Provide Hydraulic elevator system pricing for estimated average maintenance cost for the next 20 years.
- 6. Unit of Measure: Each (EA)

END OF UNIT PRICES

SECTION 01 2100

ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS:

- A. Drawings and general provisions of Contract, including General Conditions and Division-1 Specification sections, apply to work of this section.
 - 1. Coordinate allowance work with related work to ensure that it is completely integrated and interfaced with related work.
 - 2. Include in Base Bid.

1.2 DESCRIPTION OF REQUIREMENTS:

- A. Definitions and Explanations: Certain requirements of the work related to each allowance are shown and specified in contract documents. The allowance has been established in lieu of additional requirements for that work, and further requirements thereof (if any) will be issued by change order.
- B. Types of allowances scheduled herein for the work included the following:
 - 1. Quantity allowances.
 - 2. Lump sum allowances.

C. Selection and Purchase:

- 1. At earliest feasible date after award of Contract, advise Architect/Engineer of scheduled date when final selection and purchase of each product or system described by each allowance must be accomplished in order to avoid delays in performance of the work.
- 2. As requested by the Architect/Engineer, obtain and submit proposals for the work of each allowance for use in making final selections; include recommendations for selection which are relevant to the proper performance of the work.
- 3. Purchase products and systems as specified, and as selected (in writing) by the Architect/Engineer.
- 4. Submit proposals and recommendations, for purchase of products or systems of allowances, in form specified for change orders.
- D. Change Order Data: Include in each change order proposal both the quantities of products being purchased and unit costs, along with total amount of purchases to be made. Where requested, furnish survey-of-requirements data to substantiate quantities. Indicate applicable taxes, delivery charges, amounts of applicable trade discounts, and other relevant details as requested by the Architect.

- Each change order amount for allowances shall be based on the unit price difference between the actual purchase amount and the allowance, multiplied by the final measure or count of work-in-place, with reasonable allowances, where applicable, for cutting losses, tolerances, mixing wastes, normal product imperfections and similar margins.
- 2. When requested, prepare explanations and documentation to substantiate the quantities, costs, and margins as claimed.

E. Change Order Mark-Up:

- Except as otherwise indicated, comply with provisions of General Conditions. For each allowance, Contractor's claims for increased costs (for either purchase amount or Contractor's handling, labor, installation, overhead, and profit), because of a change in scope or nature of the allowance work as described in contract documents, must be submitted within 60 days of initial change order authorizing work to proceed on that allowance; otherwise, such claims will be rejected.
- 2. Where it is not economically feasible to return unused material to the manufacturer/supplier for credit, prepare unused material for the Owner's storage, and deliver to the Owner's storage space as directed. Otherwise, disposal of excess material is the Contractor's responsibility.

F. Time and Allowance Amounts:

- Nothing in the Bid or Contract Documents shall be so constructed or interpreted as
 to provide a Contract time extension, due to use or non-use of any Allowance
 amount.
- 2. Nothing in the Bid or Contract Documents shall be so constructed or interpreted as to allow unused Allowances or any portion thereof, nor any overhead and profit therefor to be retained by or paid to the Contractor.
 - a. <u>Amount of unused allowances to be returned shall include unused amount</u> plus 10% overhead and profit.

PART 2 - PRODUCT

Not Applicable.

PART 3 – EXECUTION

3.1 SCHEDULE OF ALLOWANCES - INCLUDE IN BASE BID:

A. Allowance No. 1: Owner Contingency Allowance:

1. Include the sum of \$525,000 for additional work as directed by the Architect and Owner.

- 2. The allowance includes material cost, receiving, handling, and installation as applicable.
- 3. Include 10% overhead and profit in Base Bid, and not as part of Allowance.

B. Allowance No. 2 - EMERGENCY RESPONDER RADIO COVERAGE SYSTEM:

- 1. Allow a lump sum price of \$90,000 for work associated with the purchase and installation of an Emergency Responder Radio Coverage System if found to be required after testing of the facility.
- 2. See Section 28 7800 Emergency Radio Responder Coverage System for requirements. Costs associated with testing to identify if the system is required shall be included in the Base Bid, and NOT as part of Allowance.
- 3. Do NOT include overhead and profit in base bid. If the system is required, the General Contractor's overhead and profit shall be paid from the Allowance funds.

C. Allowance No. 3 – Specialty Lighting:

- 1. Allowance No. 3: Specialty Light Fixtures Fixture:
 - a. The description as follows: Custom LED suspended fixture, 3500K, dimmable, not to exceed 50W. Provide \$12,000 per each specialty fixture. There is a total of 5 specialty fixtures. Total Allowance shall be \$60,000.00
- 2. Include 10% overhead and profit in Base Bid, and not as part of Allowance.

D. Allowance No. 4 – EGRESS STAIRS

- 1. Allow a lump sum price of \$600,000 for work associated with the purchase and installation of the aluminum stairs and framing (2) locations, including all design, materials and labor for a complete and warrantable installation as described in the plans and specifications and in accordance with delegated design engineer calculations and requirements.
- 2. The purchase and installation of the aluminum perforated wall panels is an Alternate and shall not be included in the Allowance or Base Bid.
- 3. See Section 05 5100 Aluminum Stairs
- 4. Include 10% overhead and profit in Base Bid, and not as part of Allowance.

END OF ALLOWANCES

DAUPHIN ISLAND SEA LAB (Addendum No. 6)

SECTION 01 2300

ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS:

A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification sections, apply to work of this section.

1.2 DESCRIPTION OF REQUIREMENTS:

- A. Definition: An alternate is an amount proposed by Bidders and stated on the Bid Form that will be added to or deducted from Base Bid amount if the Owner decides to accept a corresponding change in either scope of work or in products, materials, equipment, systems or installation methods described in Contract Documents.
- B. Coordination: Coordinate related work and modify or adjust adjacent work as required to ensure that work affected by each accepted alternate is complete and fully integrated into the project.
- C. Notification: Immediately following award of Contract, prepare and distribute to each party involved, notification of the status of each alternate. Indicate whether alternates have been accepted, rejected or deferred for consideration at a later date. Include a complete description of negotiated modifications to alternates, if any.

D. Schedule:

- A "Schedule of Alternates" is included at the end of this section. Specification sections referenced in the Schedule contain requirements for materials and methods necessary to achieve the work described under each alternate.
- 2. Include as part of each alternate, miscellaneous devices, appurtenances and similar items incidental to or required for a complete installation whether or not mentioned as part of the alternate.

PART 2 - PRODUCTS

2.1 Not Applicable.

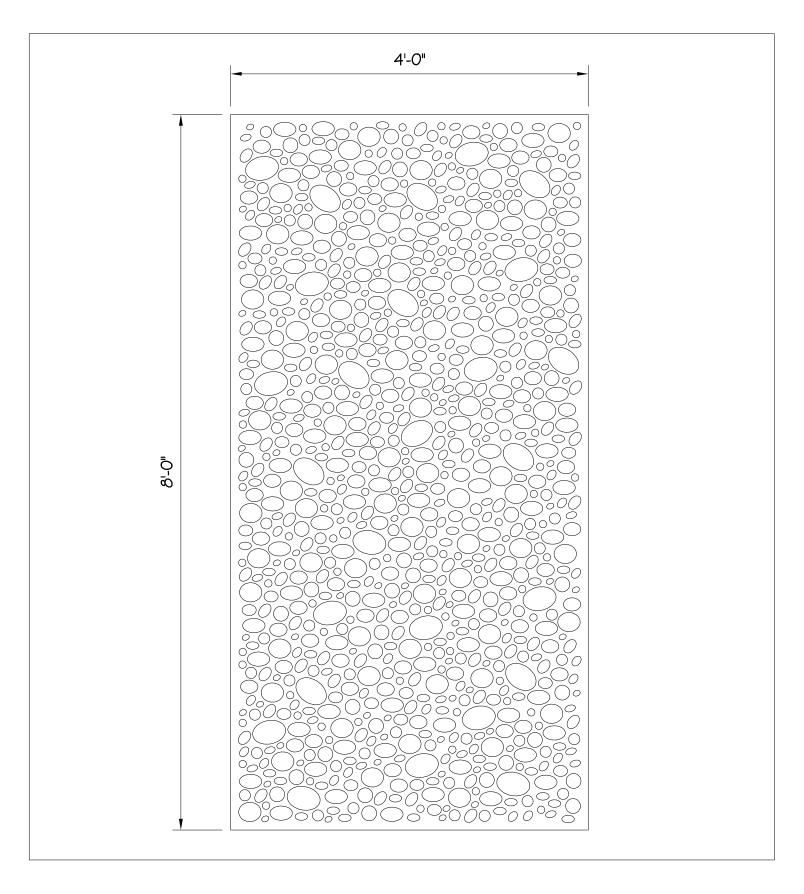
DAUPHIN ISLAND SEA LAB (Addendum No. 6)

PART 3 - EXECUTION

3.1 **SCHEDULE OF ALTERNATES**:

- A. Alternate No. 1 Machine Roomless Hydraulic Elevator:
 - a. Provide and install a machine roomless hydraulic elevator system with an oil separator in lieu of an Electric Traction Elevator. Sump Pump is still required.
- 2. Alternate No. 2 Perforated Metal Wall Panels:
 - a. Provide and install the delegated design exterior perforated metal wall panels. Refer to Section 07 42 00 Perforated Metal Wall Panels.
- 3. Alternate No. 3 Sunshades:
 - a. Aluminum framed sunshade with 3-form Koda XT panel attached to top of frame, frame attached through façade and into CMU; typical at south and east elevations over W4 used windows and W3 tornado windows.

END OF ALTERNATES







Cutting Edge Metal Solutions

Wade Everett

Structural Engineering, LLC

Project No. 24-005 GMC

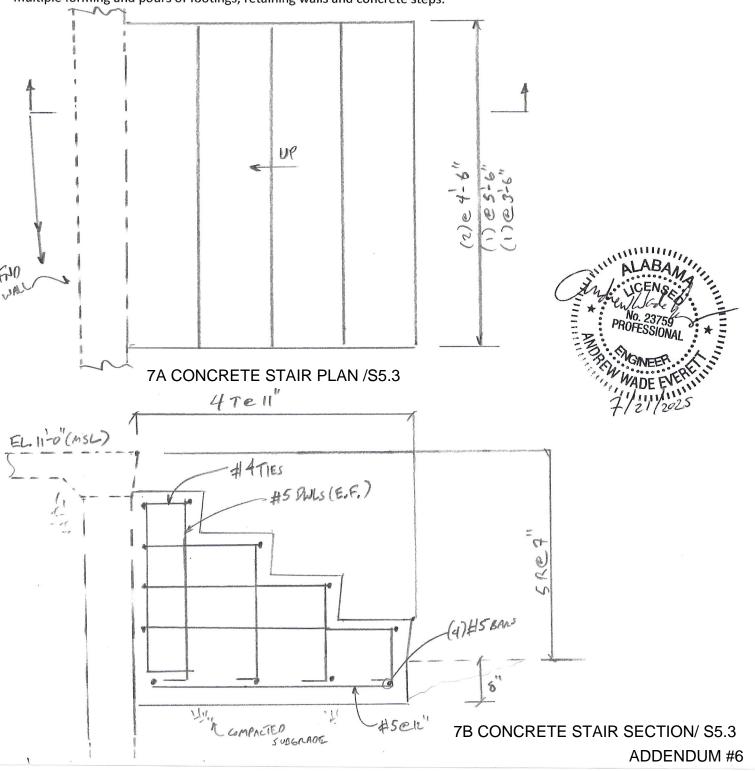
Client: GMC - Dauphin Island Sea Lab Dormitory

Project/Description: Dormitory Bldg. Ground Floor Concrete Steps

Date: 7/21/2025 By: W. Everett, PE

The Dormitory Bldg. top of finish floor slab is 11 ft MSL. The surrounding grades vary. The life safety design of the concrete steps width, riser height and tread are the responsibility of the Architect of Record. The concrete steps shown below are for 5 Risers, less Risers may be required in certain locations. The concrete steps on each side of the building can be similar and quantities adjusted for height and width of steps.

The design depicted below is based on constructability and only forming and pouring the steps without providing multiple forming and pours of footings, retaining walls and concrete steps.



GENERAL NOTES - DEMOLITION PLAN

I. I. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS RESULTING FROM THE SCALING OF DRAWINGS. PRIOR TO BID, THE CONTRACTOR SHALL REVIEW THE **ENTIRE SET** OF CONTRACT DOCUMENTS. IF ANY DISCREPANCIES ARE FOUND THE CONTRACTOR SHALL OBTAIN CLARIFICATION IN WRITING FROM THE ARCHITECT BEFORE CONTINUING WITH BID TAKE-OFFS.

2. GENERAL CONTRACTOR SHALL COORDINATE THE ENTIRE SET OF CONTRACT DOCUMENTS AND SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF THERE ARE ANY DISCREPANCIES PRIOR TO SUBMITTING A BID. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS RESULTING FROM NOT COORDINATING THE **ENTIRE SET** OF CONTRACT DOCUMENTS.

3. THE DEMOLITION DRAWINGS ARE DIAGRAMMATIC IN NATURE AND SHOWN FOR GENERAL LAYOUT PURPOSES ONLY. DIMENSIONS SHOWN (IF ANY) ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, EXISTING IMPROVEMENTS, ETC., PRIOR TO BID. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED SHORING AND STABILIZATION REQUIREMENTS OF THE EXISTING BUILDING TO REMAIN UNTIL ALL DEMOLITION, EXCAVATION AND BACKFILL ACTIVITIES HAVE CONCLUDED.

5. CONTRACTOR SHALL TAKE EVERY MEANS NECESSARY TO MAINTAIN EXISTING PARKING LOT ASPHALT PAVING IN GOOD CONDITION DURING DEMOLITION ACTIVITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY DAMAGED AREAS AT NO COST TO THE OWNER.

6. THE CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS THAT ARE NOT TO BE DEMOLISHED INCLUDING BUT NOT LIMITED TO LANDSCAPING, DRIVEWAYS AND PARKING LOTS, CURBS, WALKWAYS, CANOPIES, SIGNAGE, UTILITIES, LIGHT FIXTURES, ELECTRICAL PANELS, ETC. DURING THE COURSE OF DEMOLITION. ANY DAMAGE CAUSED TO EXISTING IMPROVEMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND REPLACED AT NO COST TO THE OWNER.

7. EXISTING UTILITIES CURRENTLY SERVING THE BUILDING INCLUDING BUT NOT LIMITED TO WATER, GAS, SEWER, POWER, DATA, ETC. SHALL BE REMOVED AND CAPPED OUTSIDE THE EXISTING BUILDING LIMITS. COORDINATE METER REMOVAL WITH LOCAL UTILITY COMPANIES AND OWNER.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL, EROSION CONTROL AND BEST MANAGEMENT PRACTICES DURING DEMOLITION AND CONSTRUCTION ACTIVITIES AND FOR THE ENTIRE DURATION OF THE

9. THE CONTRACTOR SHALL APPLY FOR AND PAY FOR ALL REQUIRED PERMITS INCLUDING BUT NOT LIMITED TO BUILDING/DEMOLITION, ADEM, NPDES, ETC.

10. ALL DISPOSED MATERIALS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR IN ACCORDANCE WILL ALL LOCAL, STATE AND FEDERAL CODES, LAWS, AND ORDINANCES AND AUTHORITIES HAVING JURISDICTION ..

II. CONTRACTOR SHALL NOTIFY THE OWNER AND OR ARCHITECT A MINIMUM OF 72 HOURS PRIOR TO ANY DISRUPTION OF POWER OR OTHER UTILITIES.

12. ALL WORK AND CONSTRUCTION ACTIVITIES SHALL BE CLOSELY COORDINATED WITH CAMPUS ACTIVITIES, SCHEDULES, AND PEDESTRIAN AND VEHICULAR TRAFFIC.

13. ALL HAZARDOUS MATERIALS SHALL BE REMEDIATED, REMOVE AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS. SEE SPECIFICATIONS FOR HAZARDOUS MATERIALS SURVEYS AND REPORTS.

14. CONTRACTOR SHALL REGRADE THE SITE FOR FUTURE DORMITORY BUILDING.

15. THE SOUTH END OF CAMPUS FIBER HUB IS LOCATED IN THE BUILDING TO BE DEMOLISHED. COORDINATE THE TEMPORARY FIBER HUB RELOCATION WITH THE CAMPUS IT DIRECTOR PRIOR DEMOLITION ACTIVITIES.

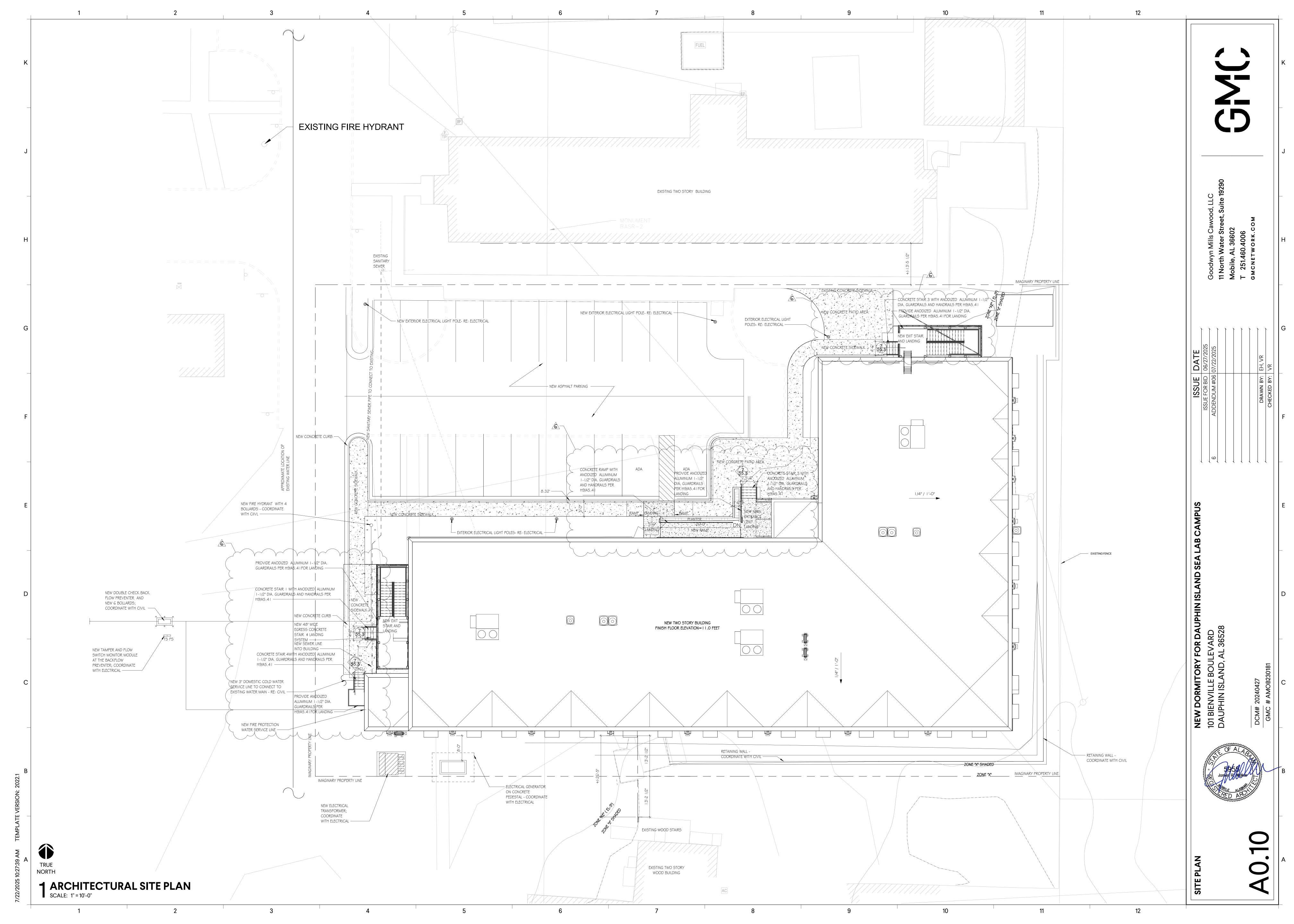
I G. THE EXISTING BULIDING SHALL BE DEMOLISHED IN ITS ENTIRETY TO PREPARE FOR THE NEW DORMITORY BUILDING.

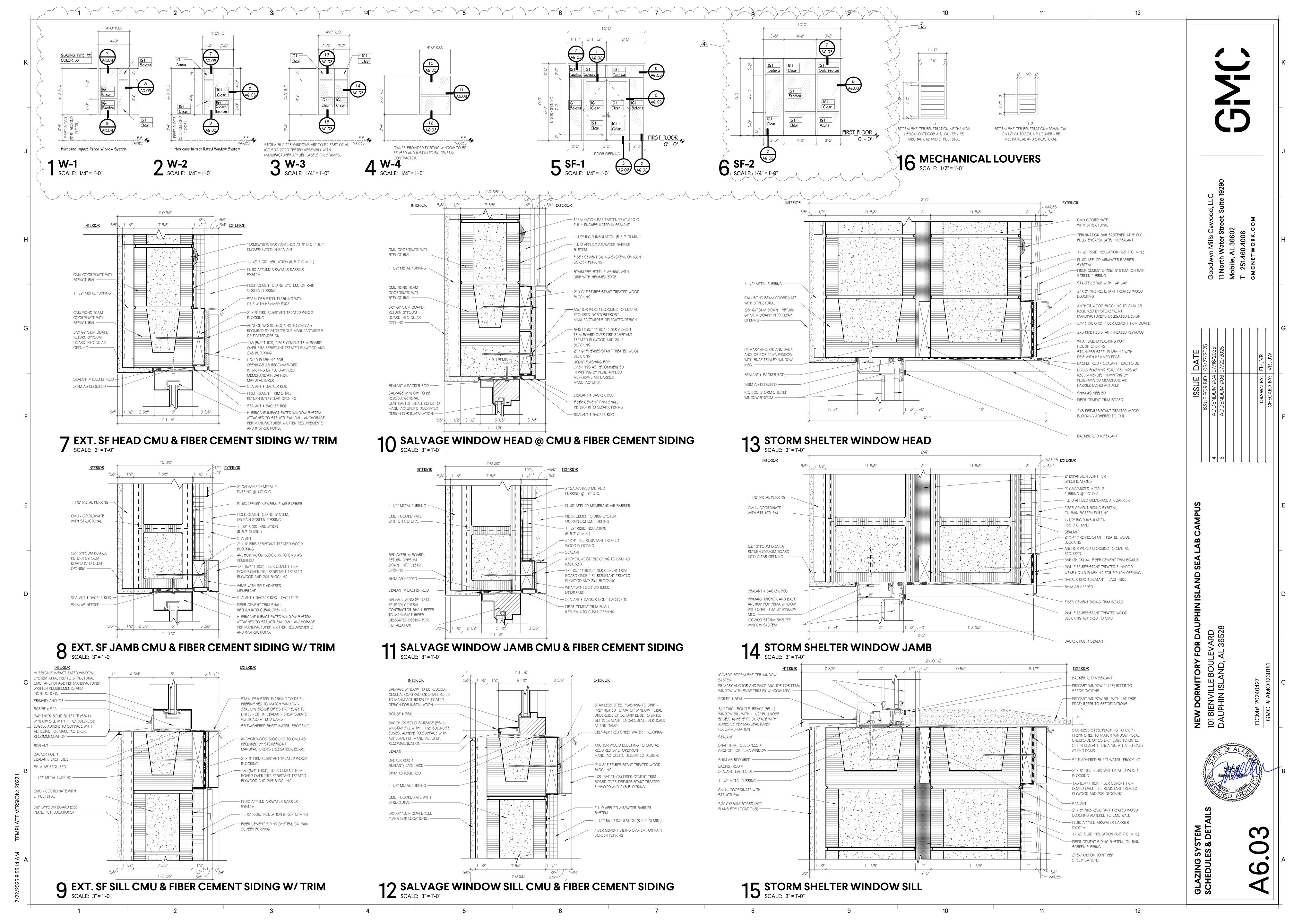
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					B

DRAWN BY: EH, VR, NS, KB	DRAWN BY: EH,
07/22/2025	ADDENDUM #06 07/22/2025
00/ 7// 7073	1330E 1 OR DID 00/2//2023



1 DEMOLITION SITE PLAN SCALE: 1" = 20'-0"





3 - THREE-WAY LIGHTING SWITCH. nD - LOW VOLTAGE DIMMER. SWITCH SHALL BE PROGRAMMED TO BE MANUAL ON. D - LINE VOLTAGE DIMMER. SWITCH SHALL BE PROGRAMMED TO BE MANUAL ON. B - 2-CHANNEL LINE VOLTAGE SENSOR WALL SWITCH - 'SENSORSWITCH 'WSX PDT

2P FAN ASHRT' OR APPROVED EQUAL. M - TWO POLE MOTOR RATED SWITCH MOUNTED AT THE EQUIPMENT. PROVIDE PHENOLIC LABEL.

L - LOCKABLE SWITCH CF - CEILING FAN CONTROLS. PROVIDE AND INSTALL PER THE MANUFACTURER'S REQUIREMENTS.

→ TAMPER RESISTANT DUPLEX RECEPTACLE NEMA 5-20R. MOUNT 18" AFF UNLESS NOTED. OTHERWISE. VERIFY DUPLEX MOUNTING REQUIREMENTS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN. SUBSCRIPT INDICATES AS FOLLOWS: G - GROUND FAULT CIRCUIT INTERRUPTER TYPE. WP - GFI DEVICE WITH DIECAST WEATHERPROOF BACKBOX & DIECAST WEATHERPROOF

(IN-USE) COVERPLATE. IN EXTERIOR LOCATIONS MOUNT 30" AFG. WEATHERPROOF OUTLET BOX HOODS ARE TO BE LISTED AND IDENTIFIED AS "EXTRA-DUTY". EWC - CONCEAL RECEPTACLE BEHIND EWC (COORDINATE WITH DIVISION 23). USB - LEGRAND 'TR20USBAC6W' OR APPROVED EQUAL. SPR - SURGE PROTECTED RECEPTACLE 84" - MOUNTING HEIGHT OF DEVICE AFF

TV - COORDINATE RECEPTACLE LOCATION WITH A/V OUTLET. E - ON EMERGENCY CIRCUIT. 21 - # INDICATES PANELBOARD CKT NUMBER.

DUPLEX RECEPTACLE NEMA 5-20R. MOUNTED FACE DOWN IN CEILING. 🖨 DUPLEX RECEPTACLE NEMA 5-20R. MOUNTED IN MILLWORK

QUADRAPLEX RECEPTACLE (TWO NEMA 5-20R) MOUNTED IN MILLWORK. UNLESS NOTED OTHERWISE

→ DUPLEX RECEPTACLE MOUNTED 42" AFF. OR MOUNT 7" ABOVE COUNTER. VERIFY COUNTER HEIGHT PRIOR TO ROUGH-IN. ORIENT WITH LONG AXIS HORIZONTAL ABOVE COUNTERS.

→ SPECIAL NEMA TYPE RECEPTACLE. VERIFY WITH EQUIPMENT BEING SUPPLIED. MOUNTED 10" AFF, UNLESS NOTED OTHERWISE

QUADRAPLEX RECEPTACLE (TWO NEMA 5-20R) MOUNTED 18" AFF. UNLESS NOTED OTHERWISE QUADRAPLEX RECEPTACLE (TWO NEMA 5-20R) MOUNTED 42" AFF. OR MOUNT

7" ABOVE COUNTER. VERIFY COUNTER HEIGHT PRIOR TO ROUGH-IN. ■

¶ MAINTAINED OPERATOR PUSHBUTTON STATIONS. RED BUTTON IN STEEL NEMA 1 ENCLOSURE AT 48" AFF. PROVIDE WITH PHENOLIC NAMEPLATE. FLUSH MOUNTED IN FINISHED AREAS.

LIGHTING CONTROL EQUIPMENT:

LCP ACUITY BRANDS 'ARP INTENC16 NLT MVOLT SC FM DTC' CONTROL PANEL OR APPROVED EQUAL. TC PROGRAMMABLE TIME CLOCK. SEE DETAIL.

LV WALL MOUNTED LOW VOLTAGE LIGHT SWITCH. MOUNT 48" TO TOP OF BOX AFF UNLESS NOTED OTHERWISE.

OCCUPANCY SENSORS:

(D) WALL MOUNTED LINE VOLTAGE DUAL TECHNOLOGY SWITCH WITH SINGLE RELAY. MOUNT 48" AFF TO TOP OF DEVICE UNLESS NOTED OTHERWISE

(D2) WALL MOUNTED LINE VOLTAGE DUAL TECHNOLOGY SWITCH WITH DUAL RELAYS. MOUNT 48" AFF TO TOP OF DEVICE UNLESS NOTED OTHERWISE

(DT) CEILING MOUNTED LOW VOLTAGE 360° DUAL TECHNOLOGY (PASSIVE INFRARED & ULTRASONIC) OCCUPANCY SENSOR.

(DL) CEILING MOUNTED LINE VOLTAGE 360° DUAL TECHNOLOGY (PASSIVE INFRARED & ULTRASONIC) OCCUPANCY SENSOR WITH DIMMING - 'SENSORSWITCH CMR PDT 10 D' OR APPROVED EQUAL.

[PP] POWER PACK. PROVIDE WITH NEMA 1 ENCLOSURE.

PP2 POWER PACK WITH 2 RELAYS FOR 2 CIRCUITS. PROVIDE WITH NEMA 1 ENCLOSURE.

PPD POWER PACK WITH DIMMING. PROVIDE WITH NEMA 1 ENCLOSURE.

DISTRIBUTION & POWER EQUIPMENT:

PANELBOARD. MOUNT AS INDICATED. SEE PANELBOARD SCHEDULES. DISTRIBUTION PANELBOARD. MOUNT AS INDICATED. SEE PANELBOARD SCHEDULES.

NEC 110.26(A) WORKING CLEARANCE.

VARIABLE FREQUENCY DRIVE W/INTEGRAL DISCONNECT. PROVIDED BY DIVISION 23, INSTALLED BY DIVISION 26.

□ NON-FUSED HEAVY DUTY SAFETY SWITCH. SIZE FOR LOAD BEING SERVED.

FUSED HEAVY DUTY SAFETY SWITCH. SIZE FOR LOAD BEING SERVED.

PAD-MOUNTED UTILITY TRANSFORMER.

ACCESS CONTROL/ SECURITY MANAGEMENT SYSTEM:

ACCESS CONTROL SYSTEM CARD READER WITH KEYPAD AT 44" AFF. REFER TO DETAILS. PROVIDE AND INSTALL ALL CABLING AS PER THE MANUFACTER'S REQUIREMENTS, TERMINATE AND LABEL AS REQUIRED.

ACP ACCESS CONTROL SYSTEM CONTROL PANEL. PROVIDE AND INSTALL PER THE MANUFACTURER'S RECOMMENDATIONS.

SECURITY CAMERA. PROVIDE AND INSTALL 4" SQUARE BY 2-1/8" DEEP BOX WITH 3/4" CONDUIT AND CABLING, AS SPECIFIED BY THE MANUFACTURER, AND INTERCONNECT AS REQUIRED.

(DC) ACCESS CONTROL SYSTEM DOOR CONTACT SENSOR. REFER TO DETAIL. PROVIDE AND INSTALL ALL CABLING AS PER THE MANUFACTER'S REQUIREMENTS, TERMINATE AND LABEL AS REQUIRED.

(EH) ACCESS CONTROL SYSTEM ELECTRIC HINGE CONNECTION. REFER TO DETAIL PROVIDE AND INSTALL ALL CABLING AS PER THE MANUFACTER'S REQUIREMENTS, TERMINATE AND LABEL AS REQUIRED.

LIGHTING FIXTURES:

SEE LIGHTING FIXTURE SCHEDULE FOR SYMBOLS AND DESCRIPTIONS.

MISCELLANEOUS EQUIPMENT:

(5) MOTOR FURNISHED BY OTHERS.

GA EMERGENCY GENERATOR REMOTE ANNUNCIATOR. FLUSH MOUNTED AT 4'0" AFF. TT COPPER GROUNDING BUSBAR WITH STANDOFF INSULATORS. UNLESS INDICATED OTHERWISE PROVIDE WITH #6AWG IN EMT FROM BUSBAR TO EMGB. MOUNT BUSBAR 12" AFF.

O ROUGH-IN BOX. MOUNT AT 18" AFF UNLESS SUBSCRIPTED OTHERWISE. PROVIDE 4" SQUARE BY 2 1/8" DEEP BOX WITH 1.5" CONDUIT TO ABOVE ACCESSIBLE CEILING AND TURNED HORIZONTAL WITH BUSHING AND PULL STRING.

(E) ELECTRICAL CONNECTION TO EQUIPMENT. VERIFY LOCATION WITH EQUIPMENT PROVIDER.

R ROUGH-IN BOX. MOUNT AT 18" AFF UNLESS SUBSCRIPTED OTHERWISE. PROVIDE 4" SQUARE BY 2 1/8" DEEP BOX WITH 1" CONDUIT TO ABOVE ACCESSIBLE CEILING AND TURNED HORIZONTAL WITH BUSHING AND PULL STRING.

FIRE ALARM SYSTEM:

FIRE ALARM SYSTEM ADDRESSABLE SINGLE ACTION MANUAL PULL STATION. MOUNT 48" TO TOP OF DEVICE. PROVIDE WITH CLEAR AUDIBLE PROTECTIVE

520 Hz FIRE ALARM SYSTEM AUDIO-VISUAL ALARM (CANDELA AS INDICATED ON SUBSCRIPT). MOUNT 80" AFF TO THE BOTTOM OF LENS OR 6" FROM THE CEILING, WHICHEVER IS LOWER. ALL STROBES SHALL BE SYNCHRONIZED. SUBSCRIPT "WG" INDICATED PROVIDE A WIRE GUARD OVER DEVICE.

EIX 520 Hz FIRE ALARM SYSTEM VISUAL ONLY APPLIANCE (CANDELA AS INDICATED ON SUBSCRIPT) MOUNT 80" AFF TO BOTTOM OF LENS OR 6" FROM THE CEILING, WHICH EVER IS LOWER. ALL STROBES SHALL BE SYNCHRONIZED. SUBSCRIPT "WP" INDICATES WEATHERPROOF DEVICE

520 Hz FIRE ALARM SYSTEM WEATHERPROOF AUDIO ALARM IN CAST WEATHERPROOF BACKBOX. FLUSH MOUNT 12" BELOW SOFFIT.

(H) FIRE ALARM SYSTEM ADDRESSABLE HEAT DETECTOR. CEILING MOUNT. SUBSCRIPT 190° INDICATES TO PROVIDE 190° DEVICE WITH MONITOR MODULE

520 Hz FIRE ALARM SYSTEM ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR WITH SOUNDER BASE. CEILING MOUNT.

(S) FIRE ALARM SYSTEM ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR. CEILING MOUNT. oxtimes oxtimes FIRE ALARM SYSTEM ADDRESSABLE PHOTOELECTRIC DUCT MOUNTED SAMPLE

TUBE TYPE SMOKE DETECTOR. PROVIDED BY DIV. 26, INSTALLED BY DIV. 23

AND CONNECTED BY DIV. 26. FIRE ALARM SYSTEM ADDRESSABLE AIR HANDLING UNIT SHUT-DOWN RELAY

(UNLESS NOTED OTHERWISE). PROVIDE WITH POWER RELAY WHERE REQUIRED. (E) FIRE ALARM SYSTEM ADDRESSABLE CONTROL DEVICE FOR ELEVATOR RECALL/CAPTURE AND SHUNT TRIPPING AS REQUIRED BY CODE/FIRE MARSHAL PROVIDE AS REQUIRED FOR "DESIGNATED" AND "ALTERNATE" FLOORS. ALSO INCLUDE ALL WORK REQUIRED TO SUPERVISE THE SHUNT TRIP CKT.

FACP MULTIPLEXED ADDRESSABLE FIRE ALARM CONTROL PANEL - EDWARDS 101000 OR APPROVED EQUAL. BATTERY SUPPLIES TO BE MOUNTED WITH FACP. REMOTE BOOSTER TYPE BATTERY POWER SUPPLIES WILL NOT BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS. FIELD VERIFY EXACT MOUNTING LOCATION.

NAC NOTIFICATION APPLIANCE CIRCUIT (NAC) EXTENDER PANEL. BATTERY SUPPLIES TO BE MOUNTED IN CABINET. FIELD VERIFY EXACT MOUNTING LOCATION

FS ADDRESSABLE MONITOR MODULE CONNECTED TO FLOW SWITCH.

TSI ADDRESSABLE MONITOR MODULE CONNECTED TO TAMPER SWITCH.

FP ADDRESSABLE MONITOR MODULE CONNECTED TO FIRE PUMP CONTROLLER. PROVIDE SEPARATE INDICATIONS FOR:

1. FIRE PUMP RUNNING. 2. FIRE PUMP POWER LOSS. 3. FIRE PUMP PHASE REVERSAL

4. FIRE PUMP LOW PRESSURE. FA FIRE ALARM SYSTEM REMOTE ANNUNCIATOR. FLUSH MOUNTED AT 4'0" TO TOP

OF ANNUNCIATOR. MM NOBRESSABLE MONTOR MODULE. DH 24VDC ELECTRIC DOOR HOLDER.

LCC 12 WAY COMMUNICATIONS - SALL COMMANDER. PROVIDES MEANS FOR ON-SITE COMMUNICATIONS BETWEEN RESCUE PERSONNEL AND TRAPPED PARTIES. (AVIRE OR APPROVED EQUAL)

BOSS 2-WAY COMMUNICATIONS - BOSS. INCLUDES BUILT-IN SUPERVISION OF CALL

BOX INTEGRITY, POWER, AND PHONE LINES. (AVIRE OR APPROVED EQUAL)

CB 2-WAY COMMUNICATIONS - CALL BOX. INTERCONNECTED WITH SMART COMMAND SYSTEM. (AVIRE OR APPROVED EQUAL)

OTHER:

✓ CIRCUIT RUN CONCEALED ABOVE CEILING OR IN WALL

CIRCUIT RUN CONCEALED IN OR BELOW FLOOR SLAB OR UNDERGROUND. ✓ HOMERUN TO PANELBOARD. ANY CIRCUIT WITHOUT FURTHER DESIGNATION SHALL BE 2#12.#12G.3/4"C. TICK MARKS INDICATE # OF CONDUCTORS (EGC NOT INCLUDED). MINIMUM SIZE ON 120V HOMERUNS GREATER THAN 50 FEET SHALL BE #10 AWG. MINIMUM SIZE ON 120V HOMERUNS GREATER THAN 100 FEET SHALL BE #8 AWG. MINIMUM SIZE ON 277V HOMERUNS GREATER THAN 100 FEET SHALL BE #10 AWG. INCREASE CONDUIT SIZE AS REQUIRED PER

NEC. UNDERLINED TEXT INDICATES CIRCUIT DESIGNATION.

AHU MECHANICAL EQUIPMENT IDENTIFICATION TAG. SEE MECHANICAL EQUIPMENT _/ ELECTRICAL SCHEDULE

(FD3H) LIGHT FIXTURE IDENTIFICATION TAG. SEE LIGHT FIXTURE SCHEDULE FOR SYMBOLS & DETAILS.

 $\langle 1 \rangle$ SHEET NOTE TAG.

(4LP1) PANELBOARD, SWITCHBOARD, TRANSFORMER & ELECTRICAL EQUIPMENT IDENTIFICATION TAG.

|1084| ROOM NUMBER TAG.

TELECOMMUNICATIONS LEGEND

COMMUNICATIONS OUTLET. PROVIDE A DEEP 4" SQUARE BOX WITH A 1" CONDUIT WITH BUSHINGS ON BOTH ENDS TO THE ACCESSIBLE AREA ABOVE THE CEILING UNLESS SUBSCRIPTED OTHERWISE. PROVIDE TWO CATEGORY 6 CABLES FROM THE DEVICE LOCATION TO THE COMMUNICATIONS BACKBOARD. PROVIDE AND INSTALL WALL PLATES, TERMINATING CABLING ON BOTH ENDS, AND LABEL AS REQUIRED.

MOUNT ON WALL AT 18" AFF UNLESS SUBSCRIPTED AS OTHERWISE SUBSCRIPTS INDICATE AS FOLLOWS: AC - MOUNT ABOVE COUNTER. COORDINATE WITH CASEWORK PRIOR TO

ROUGH-IN. MOUNT IN BUILDING AUTOMATION SYSTEM CONTROL PANEL MOUNT IN MODULAR FURNITURE. COORDINATE WITH FURNITURE PRIOR

TO ROUGH-IN. MOUNTING HEIGHT AFF. INDICATES OUTLET IS LOCATED ABOVE CEILING FOR A WAP, SEE

DETAIL. WALL PHONE - PROVIDE AND INSTALL (1) CAT 6 CABLE TO THE WALL

PHONE. MOUNT 52" AFF.

MOUNT WAO WITHIN MAIN DISTRIBUTION PANEL. PROVIDE 48" OF SLACK COILED INSIDE PANEL. COORDINATE EXACT LOCATION WITH ELECTRICAL CONTRACTOR PRIOR TO ROUGH-IN.

MOUNT IN ACCESS CONTROL PANEL. PROVIDE (2) CAT 6 JACKS AND TWO DEDICATED HORIZONTAL CABLE HOMERUNS

FIRE ALARM CONTROL PANEL. PROVIDE (2) CAT 6 JACKS AND TWO DEDICATED HORIZONTAL CABLE HOMERUNS

HDMI - PROVIDE AND INSTALL 1 1/4" CONDUIT WITH PULL STRINGS TO THE ACCESSIBLE AREA ABOVE CEILING.

U/H - USB & HDMI TYPE RECPTACLE, SEE DETAIL. PROVIDE AND INSTALL 1.5" CONDUIT WITH PULL STRINGS TO THE ACCESSIBLE AREA ABOVE CEILING.

COORDINATE MOUNTING HEIGHT. U/H/C - USB, HDMI, & NETWORK TYPE RECEPTACLE, SEE DETAIL. COORDINATE MOUNTING HEIGHT. PROVIDE AND INSTALL 1.5" CONDUIT WITH PULL

STRINGS TO THE ACCESSIBLE AREA ABOVE CEILING. D3V1) WAO TYPE IDENTIFICATION TAG. THE NUMBER AFTER THE D INDICATES THE QUANTITY OF DATA/VOICE JACKS. THE NUMBER AFTER THE V INDICATES THE QUANTITY OF VIDEO JACKS. EACH JACK SHALL HAVE A DEDICATED HORIZONTAL CABLE HOMERUN. SEE TELECOMMUNICATIONS DETAILS AND NOTES FOR COLOR CODING AND OTHER OUTLET

WAP WIRELESS ACCESS POINT, SEE DETAIL

WAO MOUNTED IN MILLWORK.

WAO MOUNTED FACE DOWN IN CEILING.

TELECOMMUNICATIONS GROUNDING BUSBAR (TGB). SEE DETAILS AND NOTES.

(1) SHEET NOTE TAG.

ABBREVIATIONS

MCM THOUSAND CIRCULAR MILS MH MANHOLE MIN MINIMUM MISCELLANEOUS MAIN LUGS ONLY MNT MOUNTING HEIGHT MTG MOUNTING MEDIUM VOLTAGE N1 NEMA 1 N3R NEMA 3R NOT APPLICABLE NOT APPLICABLE NATIONAL ELECTRICAL CODE NESC NATIONAL ELECTRICAL SAFETY CODE NEU NEUTRAL OCPD OVERCURRENT PROTECTION DEVICE OFOI OWNER FURNISHED OWNER INSTALLED OFCI OWNER FURNISHED CONTRACTOR INSTALLED OVERHEAD OH OHE OVERHEAD ELECTRIC OVERHEAD PRIMARY OVERHEAD SECONDARY PBD PANELBOARD POWER FACTOR PANELBOARD PT POTENTIAL TRANSFORMER PWR POWER RCPT RECEPTACLE REQD REQUIRED RM ROOM RGS RIGID GALVANIZED STEEL CONDUIT RNC RIGID NON-METALLIC CONDUIT RVSS REDUCED VOLTAGE SOLID STATE SURGE ARRESTER SCA SHORT CIRCUIT AMPS SUPPLY FAN SPEC SPECIFICATION SWBD SWITCHBOARD SWGR SWITCHGEAR TELECOMMUNICATIONS ROOM

ELECTRICAL MAIN GROUNDING BUSBAR ELECTRIC WATER COOLER EXISTING TO REMAIN ELECTRICAL METALLIC TUBING EQUIP EQUIPMENT FLEXIBLE METAL CONDUIT FIRE ALARM SYSTEM CONTROL PANEL FUSE FIRE ALARM FULL LOAD AMPS FLOOR

GROUND FAULT INTERRUPTER GROUND (OR GFI FOR RECEPTACLE SUBSCRIPT) GENERAL CONTRACTOR GROUND GROUNDING ELECTRODE CONDUCTOR

HANDHOLE HAND-OFF-AUTOMATIC HEAT PUMP OR HORSEPOWER HEATING, VENTILATION, & AIR-CONDITIONING

ABOVE COUNTER

ABOVE FINISH FLOOR

ABOVE FINISH GRADE

ARCH ARCHITECT OR ARCHITECTURAL

AMERICAN WIRE GAUGE

AUTOMATIC TRANSFER SWITCH

BUILDING AUTOMATION SYSTEM

AIR HANDLING UNIT

AIR TERMINAL UNIT

BONDING JUMPER

CIRCUIT BREAKER

BASIS OF DESIGN

CIRCUIT BREAKER

CURRENT LIMITING

CURRENT TRANSFORMER

DIRECT DIGITAL CONTROL

ELECTRICAL CONTRACTOR

AMP FRAME

ALUMINUM

AMP TRIP

BUILDING

CONDUIT

CENTERLINE

CEILING

CIRCUIT

COPPER

DEMO DEMOLISH

BLDG

CKT

DDC

FLR

GND

FVNR

ISOLATED GROUND INTERMEDIATE METAL CONDUIT JUNCTION BOX

KAIC KILO-AMPERE INTERRUPTING CAPABILITY kCMIL THOUSAND CIRCULAR MILS LCP LIGHTING CONTROL PANEL

LTG LIGHTING LFMC LIQUID TIGHT FLEXIBLE METAL CONDUIT LV LOW VOLTAGE

MAXIMUM MINIMUM CIRCUIT AMPACITY MCC MOTOR CONTROL CENTER

MCE MAIN COMMUNICATIONS EQUIPMENT ROOM

TYP TYPICAL UFR UNDERFLOOR RACEWAY UNDERGROUND UNDERGROUND ELECTRIC UNDERGROUND PRIMARY UNDERGROUND SECONDARY UNDERWRITERS' LABORATORIES UNO UNLESS NOTED OTHERWISE UNINTERRUPTIBLE POWER SUPPLY

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EQUIPMENT GROUNDING CONDUCTOR ELECTRICAL ENTRANCE FACILITY EQUIPMENT GROUNDING CONDUCTOR

TELECOMMUNICATIONS BONDING BACKBONE TELECOMMUNICATIONS GROUNDING BUSBAR TMGB TELECOMMUNICATIONS MAIN GROUNDING BUSBAR TVSS TRANSIENT VOLTAGE SURGE SUPPRESSION FULL VOLTAGE NON-REVERSING

> VOLT VA VOLT-AMPERES VAR VOLT-AMPERES REACTIVE VARIABLE AIR VOLUME UNIT

WATTS WP WEATHERPROOF WSR WITHSTAND RATING XFMR TRANSFORMER XP EXPLOSION PROOF PHASE 72° DEGREES DELTA Ω OHMS

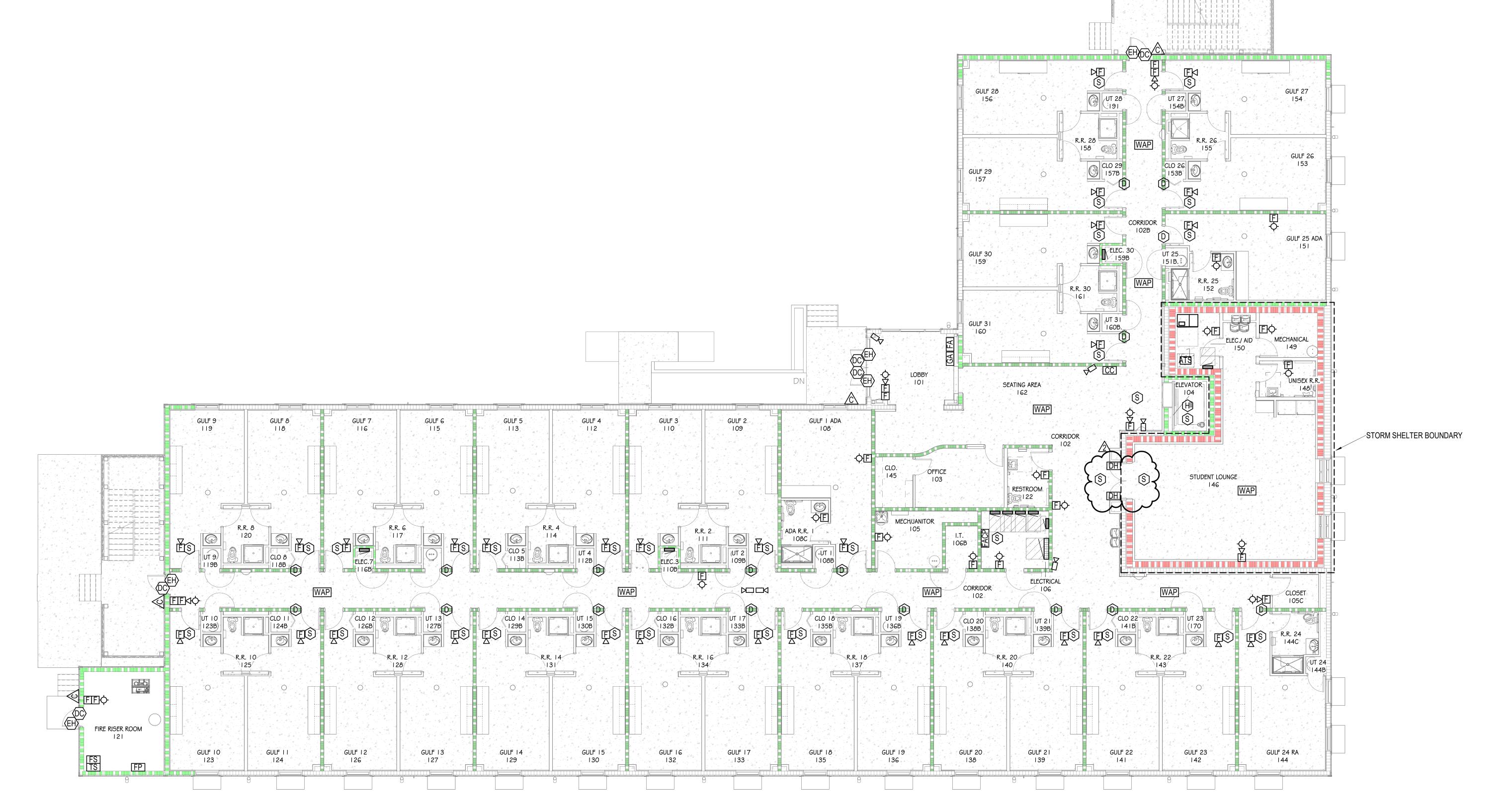
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GENERAL NOTES

- PENETRATIONS THROUGH SMOKE / FIRE RATED WALLS, CEILINGS, AND FLOORS SHALL BE FIRE STOPPED TO LOCAL AND AHJ CODES AND STANDARDS. COORDINATE WITH ARCHITECTURAL.
- 2. PROVIDE A WATERTIGHT SEAL FOR ALL EXTERIOR WALL PENETRATIONS, AS REQUIRED.
- 3. COORDINATE FINAL LOCATION OF DUCT DETECTORS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. THE DUCT DETECTORS ARE TO BE INSTALLED WITHIN 5' OF THE SMOKE DAMPER.
- 4. ELECTRICAL INSTALLATION FOR THE STORM SHELTER SHALL COMPLY WITH ALL ICC-500 REQUIREMENTS - THERE SHALL BE NO ELECTRICAL PENETRATIONS OF THE STORM SHELTER ENVELOPE LARGER THAN 3.5 SQUARE INCHES (FOR RECTANGULAR PENETRATIONS) OR 2.5 INCHES IN DIAMETER (FOR CIRCULAR PENETRATIONS).
- 5. ALL PENETRATIONS THROUGH THE STORM SHELTER WALLS, FLOORS, AND CEILINGS SHALL BE COORDINATED WITH STRUCTURAL.

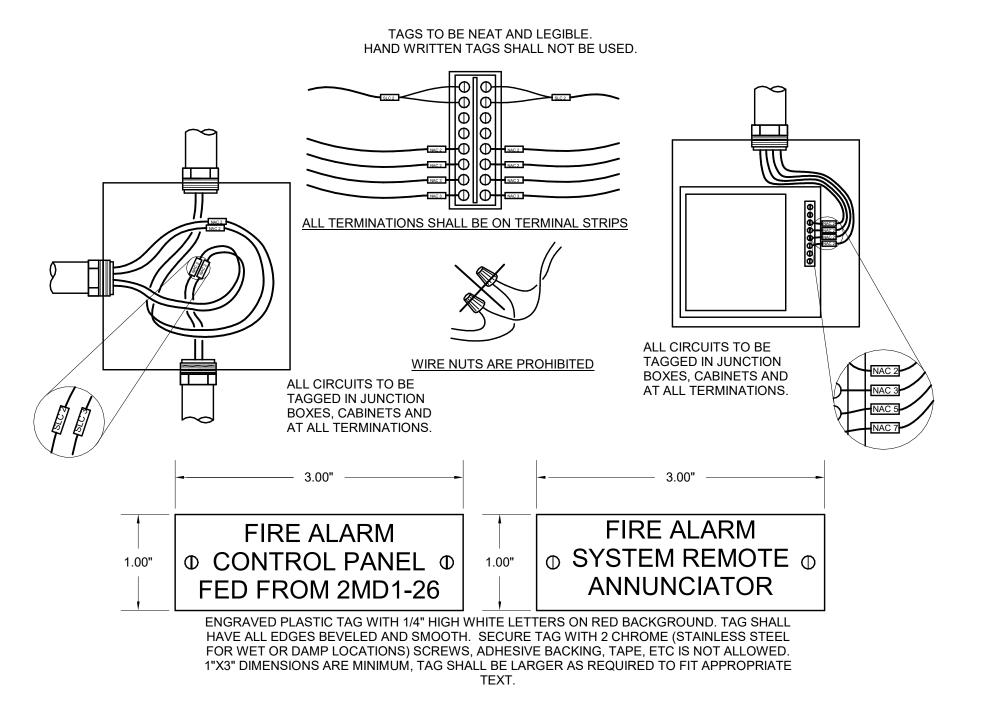


1 FIRST FLOOR PLAN - AUXILIARY SCALE: 1/8" = 1'-0" TRUE NORTH

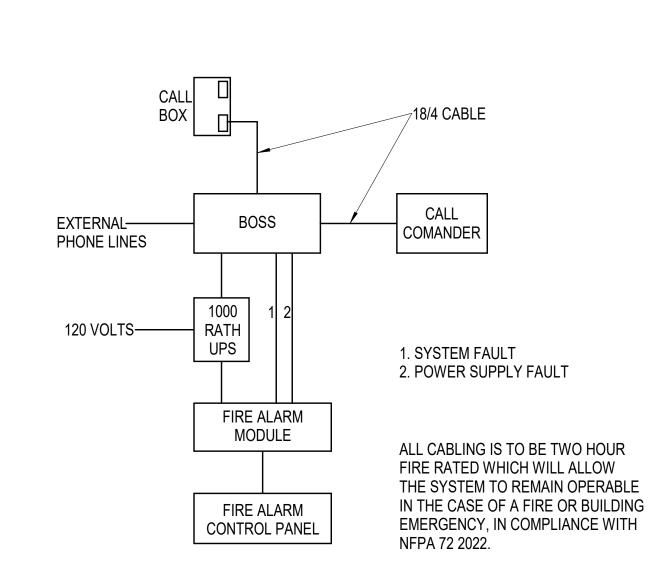


COORDINATE QUANTITY WITH MECHANICAL CONTRACTOR. 2ND FLOOR -2#16AWG (TWISTED PAIR) CLASS A STYLE 6 4#14AWG, CLASS B STYLE Y-4#14AWG, CLASS B STYLE Y--2#16AWG (TWISTED PAIR) CLASS A STYLE 6 4#14AWG, CLASS B STYLE Y-NAC(S) COMM ___2#16AWG (TWISTED PAIR) FIRE ALARM CONTROL PANEL TWO RJ-31X JACKS INLINE TVSS. EQUIVALENT TO— EDCO HSP121BT-1RU. LOCKABLE C/B 1. THE NAC CIRCUIT IS SHOWN DIAGRAMMATIC. MAXIMUM NUMBER OF STROBES ON ANY CIRCUIT IS LIMITED. SEE SPECIFICATIONS. 2. CONNECTIONS TO CONTROL RELAYS FOR SMOKE DAMPERS ARE NOT SHOWN ON THE RISER. PROVIDE CONNECTIONS FOR SLC AND NAC AS REQUIRED FOR PROPER OPERATION. 3. SLC LOOP TO CONNECT TO ALL ADDRESSABLE FIRE ALARM SYSTEM DEVICES. VERIFY DEVICES FROM FLOOR PLANS. PROVIDE ADDITIONAL LOOP(S) AS REQUIRED. SEE SPECIFICATIONS. 4. 3/4" MINIMUM CONDUIT SIZE FOR FIRE ALARM SYSTEM CIRCUITS. ALL CIRCUITS SHALL BE IN CONDUIT DEDICATED TO THE FIRE 5. BATTERY CABINETS AND NAC EXPANDERS TO BE LOCATED AS NEEDED IN ELECTRICAL ROOMS ONLY. 6. THE FIRE ALARM CONTRACTOR IS TO PROVIDE AND INSTALL A 3/4" CONDUIT FROM THE FIRE ALARM CONTROL PANEL TO THE BACK FLOW PREVENTER. PROVIDE AND INSTALL ALL WIRE AS REQUIRED TO ATTAIN A FUNCTIONAL SYSTEM. COORDINATE WITH 7. THE CONTRACTOR IS TO PROVIDE AND INSTALL ALL CONDUIT, WIRE ETC. FOR THE WATER GONG AND INTERCONNECT, AS REQUIRED. PROVIDE AND INSTALL WITH A 400W UPS FOR BACKUP POWER. 8. ELECTRICAL CONTRACTOR TO COORDINATE WITH EIRE ALARM CONTRACTOR TO ENSURE THAT THE ELECTRIC ALCONNECTED AND THE INTO THE FIRM ALARM SYSTEM. 9. THE FIRE ALARM CONTRACTOR SHALL COORDINATE THE RELEASE OF THE ELECTRIC DOOR HOLDES UPON ACTIVATION OF THE FIRE ALARM SYSTEM.

1 FIRE ALARM SYSTEM RISER DIAGRAM
SEALE NOT TO SCALE



2 FIRE ALARM SYSTEM LABELING DETAIL SCALE: NOT TO SCALE



-2#16AWG (TWISTED PAIR) CLASS A STYLE 6

3 SMART COMMAND SYSTEM RISER SCALE: NOT TO SCALE