TOWN OF
OCEAN CITY
The White Marlin Capital of the World

ADDENDUM # 1: Ocean Bowl Admin Building

Date of Addendum: 6/10/24

NOTICE TO ALL BIDDERS AND PLANHOLDERS

The Bid Documents for the above-referenced Project are modified as set forth in this Addendum. The original Bid Documents and any previously issued addenda remain in full force and effect, except as modified by this Addendum, which is hereby made part of the Bid Documents. Vendors will take this Addendum into consideration when preparing and submitting a bid, and will acknowledge receipt of this Addendum in the space provided in the Bid Documents.

BID SUBMITTAL DEADLINE

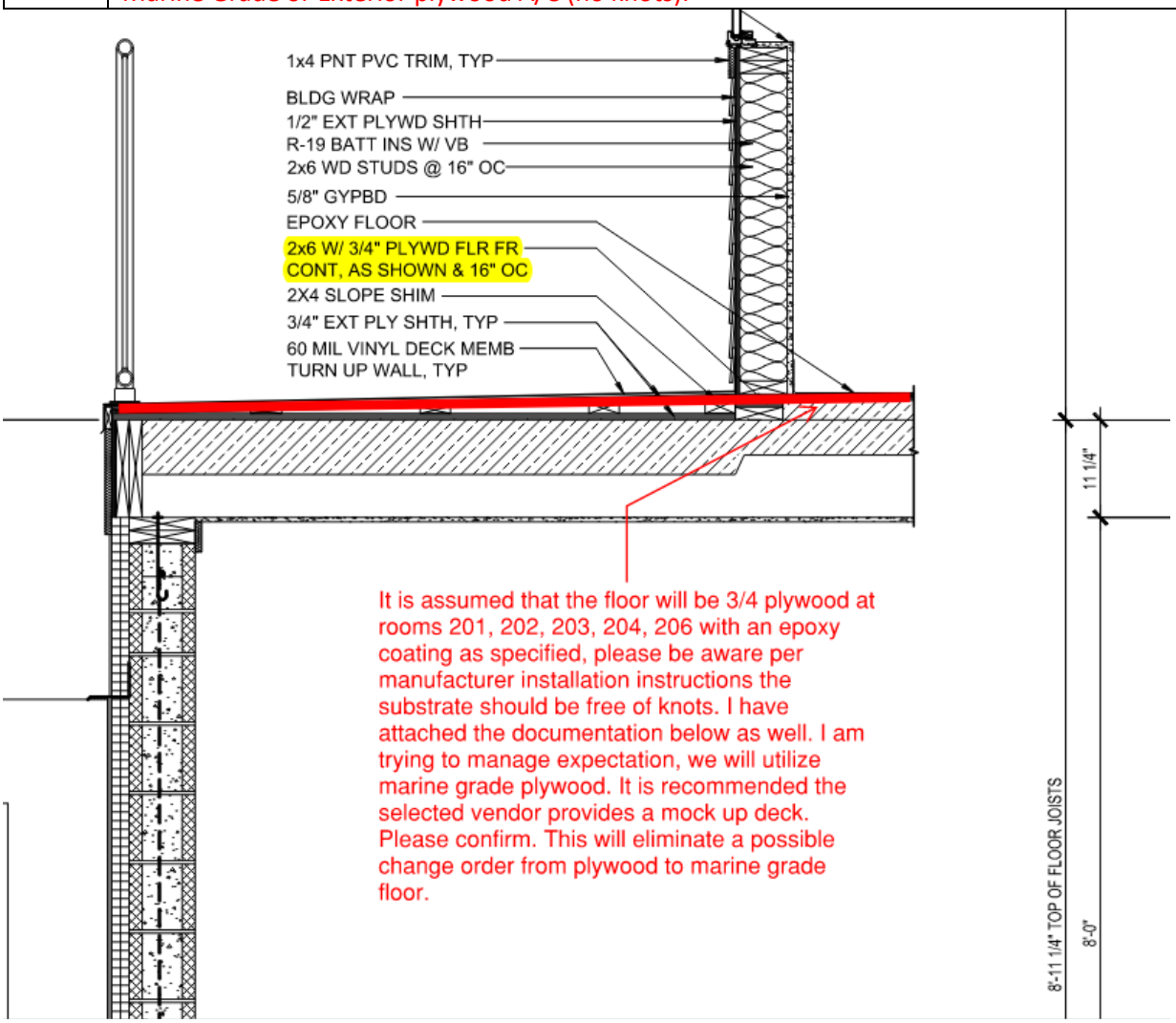
The bid submittal time has not been changed.

1.0 – QUESTIONS AND ANSWERS

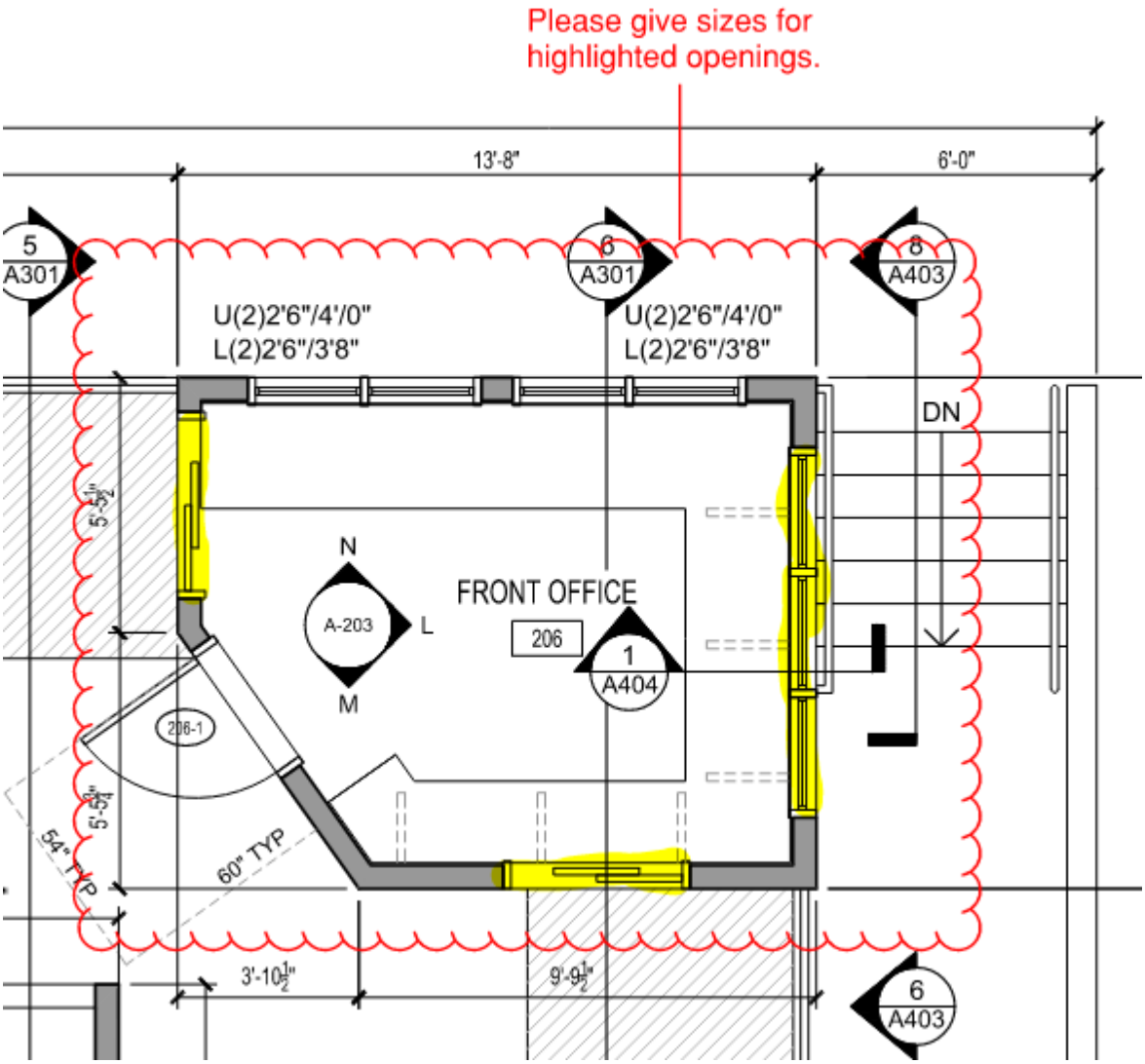
The following questions and answers are provided as a matter of information to clarify issues raised about the Bid Documents.

Item	Questions and Answers
1.1	**The Town has decided to extend the Last Day for Questions until Friday, June 28, 2024 at 3pm.**
1.2	Referencing sheet A-101 and the paver removal. Do you have a better cut that illustrates the amount of pavers that have to be removed? The pavers will be removed and replaced by TOC DPW.
1.3	Is there sitework involved with this project, I don't see any civil drawings? The sidewalks along 3rd street and St Louis Ave will be graded and installed by the TOC DPW. Any pavers that need to be adjusted and or replaced will also be done by the TOC DPW. The successful vendor will be responsible for installation of the ADA compliant ramp and landing shown on the plans page A202 West Elevation leading form the sidewalk to the "porch" of the building. There will be no other site work. The building is being built to envelope.
1.4	Can the town please consider extending the bid date from being due Monday July 8th? This day follows a long holiday weekend and many contractors, manufacturing plants and sales reps will not be available the week prior leading up to this day and may also not be working this Monday. Please let us know ASAP so we can determine our ability to bid this and other projects you have scheduled. No there will not be an extension. The Town as allotted plenty of time for the bid responses to be submitted.
1.5	What size are the pickets for the exterior railing? The drawings incorrectly lists them as ½" in diameter. They are to be ¾" in diameter.
1.6	Will this project be requiring any window treatments such as shades or blinds? If so where and what type? No window treatments are not part of the scope of work.
1.7	No Civil Scope of Work in bid document. Will the Architect be providing civil drawings? All CIVIL site work for this project will be completed by the TOC DPW. All TOC sidewalks will be installed by TOC DPW.

1.8	Referencing page 12 of the bid documents item 4.1, is the contractor required to have in his bid the cost of the building permit? Refer to: SCOPE OF WORK (SOW) & SPECIAL CONDITIONS 1. Section #1 – General: a. Article XXI – g. Project Permits & Approvals: i. Ocean City Building Permit: The Town will provide Planning & Community Development and Fire Marshall Approval for this project.
1.9	Referencing sheet A101 rooms 201, 202, 203, 204, 206 and sheet A401. Please see image below. Second floor: ¾" Plywood subfloor for Dur-A Deck Membrane & Duri-A-Flex to be Marine Grade or Exterior plywood A/C (no knots).



2.0	Please see image below and provide opening sizes. East Side Lower (3)2'6"x3'8"Upper (3)2'6"x2'4" Height of upper window is a starting point, follow slope of roof. Refer to Basis of Design Product Specs on A-102 for (2) Transaction Sliders. Note on Elev M/A-203 refers to the Transaction Sliders as Self Closing Slider Service Window.

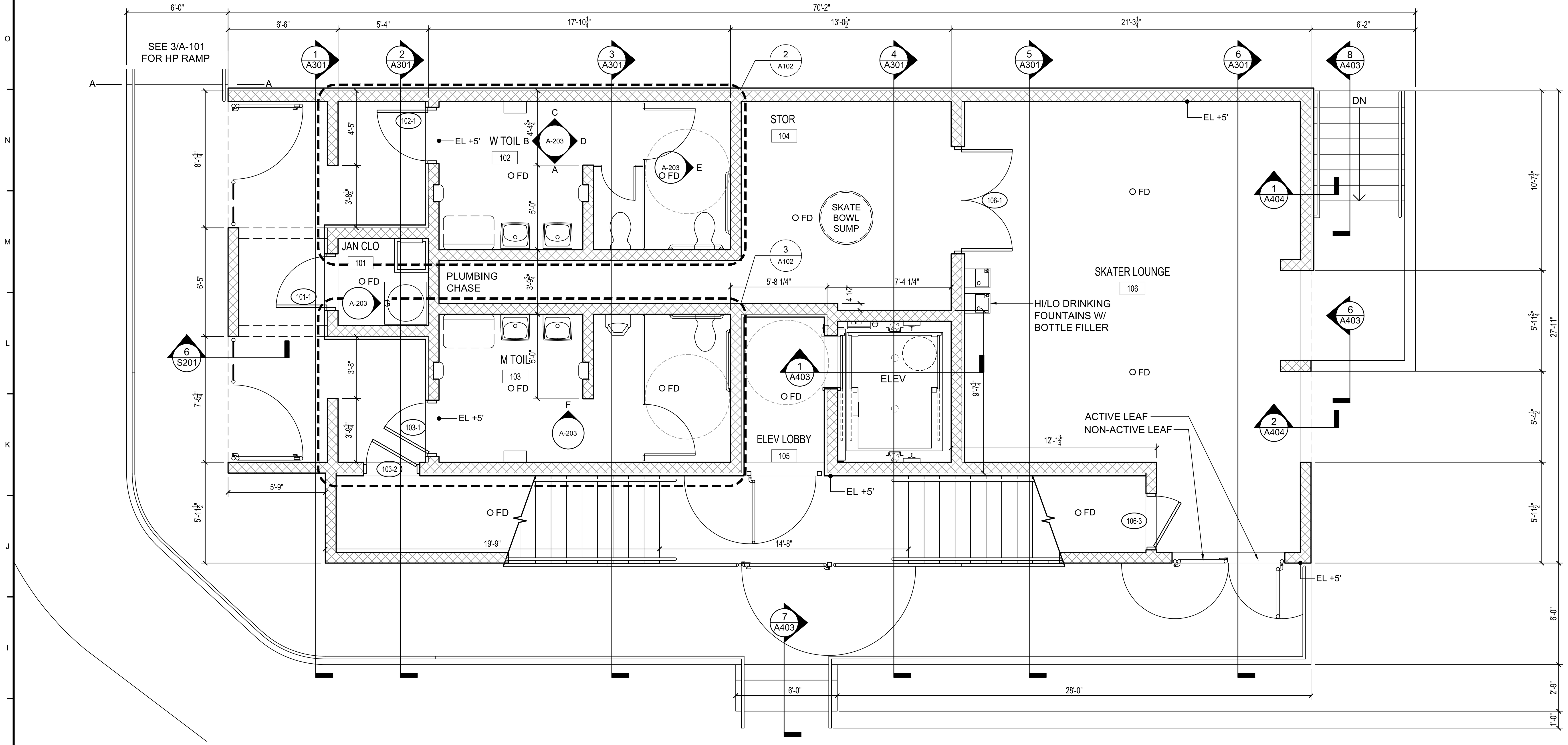


2.1	Referencing sheet S-201 Item 10 precast stairs, do the stairs truly need to have PE stamps and calculation incorporated in to the cost? This seems odd due to the application. Note: The truss stamps and calcs. make sense as most authorities having jurisdiction have this now. Yes, PE Stamp is required.
2.2	Referencing the electrical branch panels, it is understood that per page (11) of the bid documents and item 19 labeled "Force Majeure" that the language for events out of our control will not be an owner or architect liability. However, the language does not state anything about supply chain issues. The electrical panels will become an issue in procurement, will the town allow the contract to state the following in our contract if awarded "The General Contractor will not have liquidated damages or damages of any kind applied against the General Contractor or any of their subcontractors if supply chain issues delay the project in any sort of way". NO
2.3	Referencing all (6) documents that were sent in the hyperlink, those documents being titled as the following: Bid Document - Ocean Bowl Admin Building.pdf ARTICLE XXI - Build America Buy America.pdf Ocean Bowl Admin Building 4-17-24r.pdf (2023.09.05) DRC Electrical Work_E-202R2 (Revised for Gates).pdf 2024 Contractor Insurance Requirements.pdf ADVERTISEMENT - Ocean Bowl Admin Building.pdf Incomplete question.
2.4	Referencing sheet A201/A202, is the owner fully sure they want aluminum railings at the exterior of the building? I understand the coastal look is popular especially when Atlantic Aluminum Products is the popular vendor in the area. However, that product will get abused regularly and is more susceptible to damage, it architecturally should be specified as cold rolled powder coated steel. Please be aware it is specified as "AL" schd. 40, its still aluminum not cold rolled steel. Do these rails also need to have calcs. and stamps procured with them as well? Railings to be as noted on drawings and changes per this addendum. Railings are to be designed and installed to meet the IBC Regulations.
2.5	Referencing the overall project wage scale is not a requirement, correct? Refer to Scope of Work, Section #1-General, Item k.
2.6	There is a discrepancy in the light lay out and count between sheet A-103 Reflected ceiling print and sheet E-101 lighting floor plan. A – 103 shows CL lighting to be vandal resistant, there are 2 that are Not marked, plus the 2 that are missing, I believe all the CL fixtures Should be vandal resistant as they are all in common areas. Also, there are 3 lights in the elevator pit marked VL on sheet E – 101 The fixture schedule on sheet E – 301 has no listing for a VL fixture, It does list an LW, which I believe are the pit light fixtures. A-103 has been revised to show all the lights in common areas to be vandal resistant. LW is the fixture to be used in the Elevation Pit, it is to be as follows: Lithonia DMW2 L24 4000LM PCL MD MVOLT GZ10 40K 80CRI
2.7	The project is exempt from Maryland sales tax? Refer to SECTION II: GENERAL INFORMATION 12. TAX EXEMPTION
2.8	Is builders risk insurance required by the GC? Refer to SECTION II: General Information 34. INSURANCE REQUIREMENTS
2.9	Can we get a cut section from east to west through the P.C. (precast concrete) Stairs?
3.0	Where on site is this building being built? 300 St Louis Ave, South West corner of the block. North East corner of the intersection of 3rd Street and St Louis Ave. Where is the contractors staging? The TOC is currently seeking locations close to the site for staging.
3.1	Is this a prevailing wage project? If so, please provide the wage determination. Refer to Scope of Work, Section #1-General, Item k.
3.2	Please clarify the extent of sitework included in the bid. There are no civil drawings, but there is the inclusion of E-202R1 which identifies some utility work. E-202R1 is a refence drawing and the work shown has been completed and is not part of this RFP.
3.3	Is this bid for the building only? Yes.

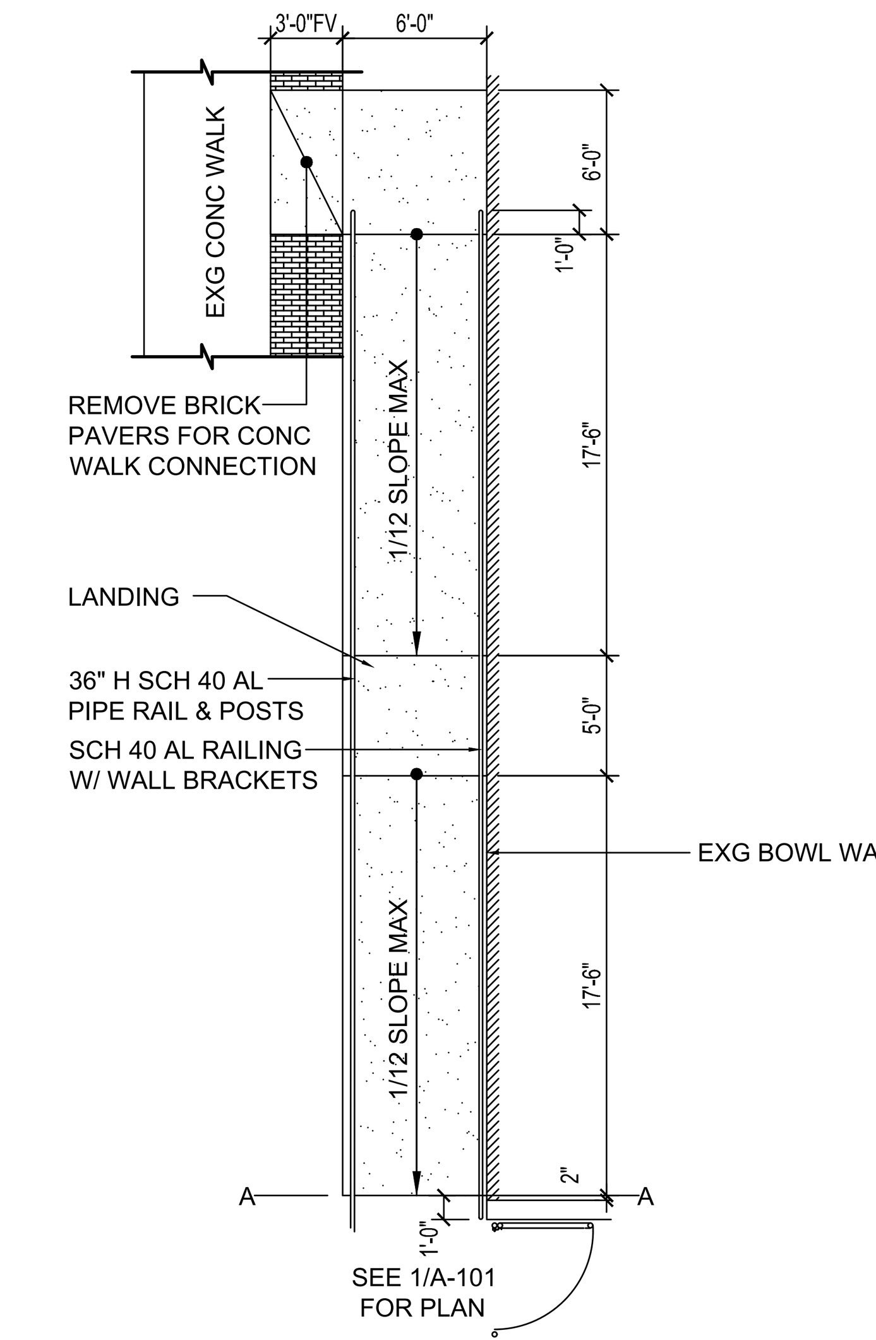
3.4	Are equivalents acceptable for materials called out in the Basis of Design Products Specs on Sheet A-102? Equivalents are not acceptable for the following: Fiber Cement Siding, Deck Membrane, Fiberglass Doors, Frames and Hardware, and Windows. Equivalents are acceptable for the other listed items.
3.5	Are equivalents acceptable for MEP fixtures and equipment? Yes
3.6	None of those documents specify who will own the civil scope of work. Please provide answers to the following questions alphabetically labeled below. A) You have critical areas approval and MDE General Discharge Permit per the scope of work documents, Section G, subsection IV/V. Could you please pass us the plans that have been approved by MDE? This is for coordination purposes. **SCOPE OF WORK (SOW) & SPECIAL CONDITIONS** 1. Section #1 – General: a. Article XXI – g. Project Permits & Approvals: ii. Sediment & Erosion Control: The Town has received approval as part of the overall Downtown Recreation Complex (DRC) project. iii. Stormwater Management Approval: The Town has received approval as part of the overall Downtown Recreation Complex (DRC) project. iv. Critical Areas Approval: Received, dated July 1, 2022. v. MDE General Discharge Permit: Dated July 26, 2022. B) There will need to import/export/under cutting/grading of soils to create a building pad for us to start foundations/underground rough-ins for the building. Who will be performing this scope of work the owner or the general contractor? The current site has been demolished and old building removed. Existing soils were removed and replaced with recycled crushed concrete. 3'-4' of that fill was installed and compacted. The entire building pad area and adjoining sidewalks have been brought up to an elevation 1.0' below finish grades to accommodate current Temporary trailer for current Summer season. The Building Pad site is ready for construction. Water and Sewer have been run to site envelope as well. C) Has there been any geotechnical testing for soil bearing compacity? No test, soils were removed and replaced with recycled concrete base. All building pad site was overseen by the TOC engineering DEPT and completed by TOC DPW. D) If there has not been any geotechnical testing for soil bearing capacity, I am surprised we are not doing the building on pilings out of an abundance of caution. Please advise if the A/E has any information regarding any borings done out there to investigate the water table height? As the G.C, we cannot select design criteria and whether or not the foundation is to be designed a certain way. Refer to S-201, Structural Notes, #4 Foundations. E) If the owner elects for the G.C to provide any sitework scope of work, will the time be extended for us to complete the project? No site work included in bid.
3.7	Referencing P-002 Domestic Water Systems section, is copper piping required? It is not service/management staff friendly. Could we use CPVC? If we can use CPVC, is there particular piping insulation requirements the town would like us to adhere to? Refer to P-002 Domestic Water Section, Note 2, first sentence. Insulation specified is suitable for all piping material.

3.8	Referencing page 1 of 40 of the bid documents item 4.2, you state we need a thumb drive, due to the nature of general contracting estimating, bids for the project come through at the last minute to the project estimator. We typically, will have a bid runner at the bid submittal site to write the bid in. Therefore, access to a thumb drive and computer is unreasonable. Could the thumb drive be handed in at a later date? A thumb drive is required.
3.9	Referencing the "Contractor Insurance Requirements" and Item 34 page 10 of 40 is the general required to have professional liability as this is not typical for the G.C to carry this. Also, it is assumed the town will be procuring the builder's risk insurance, please confirm. This is standard for all Town solicitations.

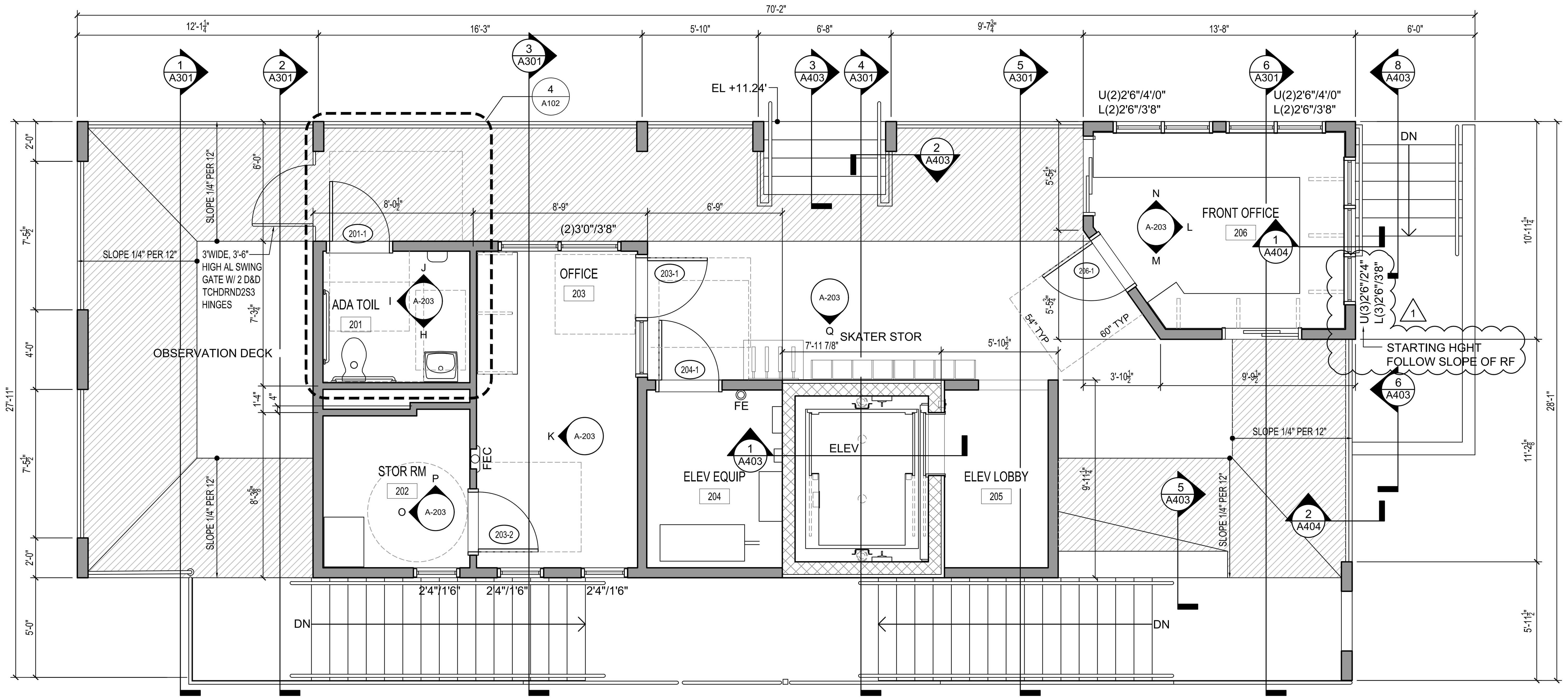
END OF ADDENDUM



1 **GROUND FLOOR**
1/4"=1'-0"



3 **RAMP PLAN**
1/8"=1'-0"



2 **SECOND FLOOR**
1/4"=1'-0"

DOOR SCHEDULE

Door						Frame		Details			Remarks		
Number	Type	Mat	Size W	Size H	Size TH	Type	Mat	Sill	Jamb	Head	Label	Hdw Set	Note
101-1	F	FGL	3'-0"	7'-0"	1 3/4"	101	FGL	S1	J1	H1	--	1	
102-1	F	FGL	3'-0"	7'-0"	1 3/4"	101	FGL	S1	J1	H1	--	2	LOUVER
103-1	F	FGL	3'-0"	7'-0"	1 3/4"	101	FGL	S1	J1	H1	--	2	LOUVER
103-2	F	FGL	3'-0"	7'-0"	1 3/4"	101	FGL	S1	J2	H2	--	1	
106-1	F	FGL	6'-0"	7'-0"	1 3/4"	101	FGL	S1	J1	H1	--	3	
106-3	F	FGL	3'-0"	7'-0"	1 3/4"	101	FGL	S1	J4	H4	--	1	
201-1	F	FGL	3'-0"	7'-0"	1 3/4"	101	FGL	S2	J5	H5	--	4	LOUVER
203-1	FG	FGL	3'-0"	7'-0"	1 3/4"	101	FGL	S2	J5	H5	--	5	INS TGL
203-2	F	FGL	3'-0"	7'-0"	1 3/4"	101	FGL	S2	J6	H6	--	6	
204-1	F	FGL	3'-0"	7'-0"	1 3/4"	101	FGL	S2	J5	H5	--	1	
206-1	FG	FGL	3'-0"	7'-0"	1 3/4"	101	FGL	S2	J5	H5	--	5	INS TGL

F - FLUSH DOOR, FG - FULL GLASS WITH 10" HIGH BOTTOM RAIL PER ADA GUIDELINES

ROOM FINISH SCHEDULE

NO.	Name	FLR	Base	Walls N	Walls S	Walls E	Walls W	Clg	HT	NOTES
101	JAN CLO	EPOXY	EPOXY	PNT CMU	PNT CMU	PNT CMU	PNT CMU	PNT GYP	8'-0"	
102	W TOIL	EPOXY	EPOXY	PNT CMU	PNT CMU	PNT CMU	PNT CMU	PNT GYP	8'-0"	
103	M TOIL	EPOXY	EPOXY	PNT CMU	PNT CMU	PNT CMU	PNT CMU	PNT GYP	8'-0"	
104	STOR	EPOXY	EPOXY	PNT CMU	PNT CMU	PNT CMU	PNT CMU	PNT GYP	8'-0"	
105	ELEV LOBBY	EPOXY	EPOXY	STUCCO	--	STUCCO	STUCCO	PNT GYP	8'-0"	
106	SKATER LOUNGE	EPOXY	EPOXY	PNT CMU	PNT CMU	PNT CMU	PNT CMU	PNT GYP	8'-0"	
201	ADA TOIL	EPOXY	EPOXY	PNT GYP	PNT GYP	PNT GYP	PNT GYP	PNT GYP	9'-0"	
202	STOR RM	EPOXY	EPOXY	PNT GYP	PNT GYP	PNT GYP	PNT GYP	PNT GYP	9'-0"	
203	OFFICE	EPOXY	EPOXY	PNT GYP	PNT GYP	PNT GYP	PNT GYP	PNT GYP	9'-0"	
204	ELEV EQUIP	EPOXY	EPOXY	PNT GYP	PNT GYP	PNT GYP	PNT GYP	PNT GYP	9'-0"	
205	ELEV LOBBY	MEMB	MEMB	SIDING	SIDING	SIDING	SIDING	PNT GYP	9'-0"	
206	FRONT OFFICE	EPOXY	EPOXY	PNT GYP	PNT GYP	PNT GYP	PNT GYP	PNT GYP	~~8'-6"~~	CLG 12.75' TO 15.25'

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OCEAN BOWL ADMIN BUILDING
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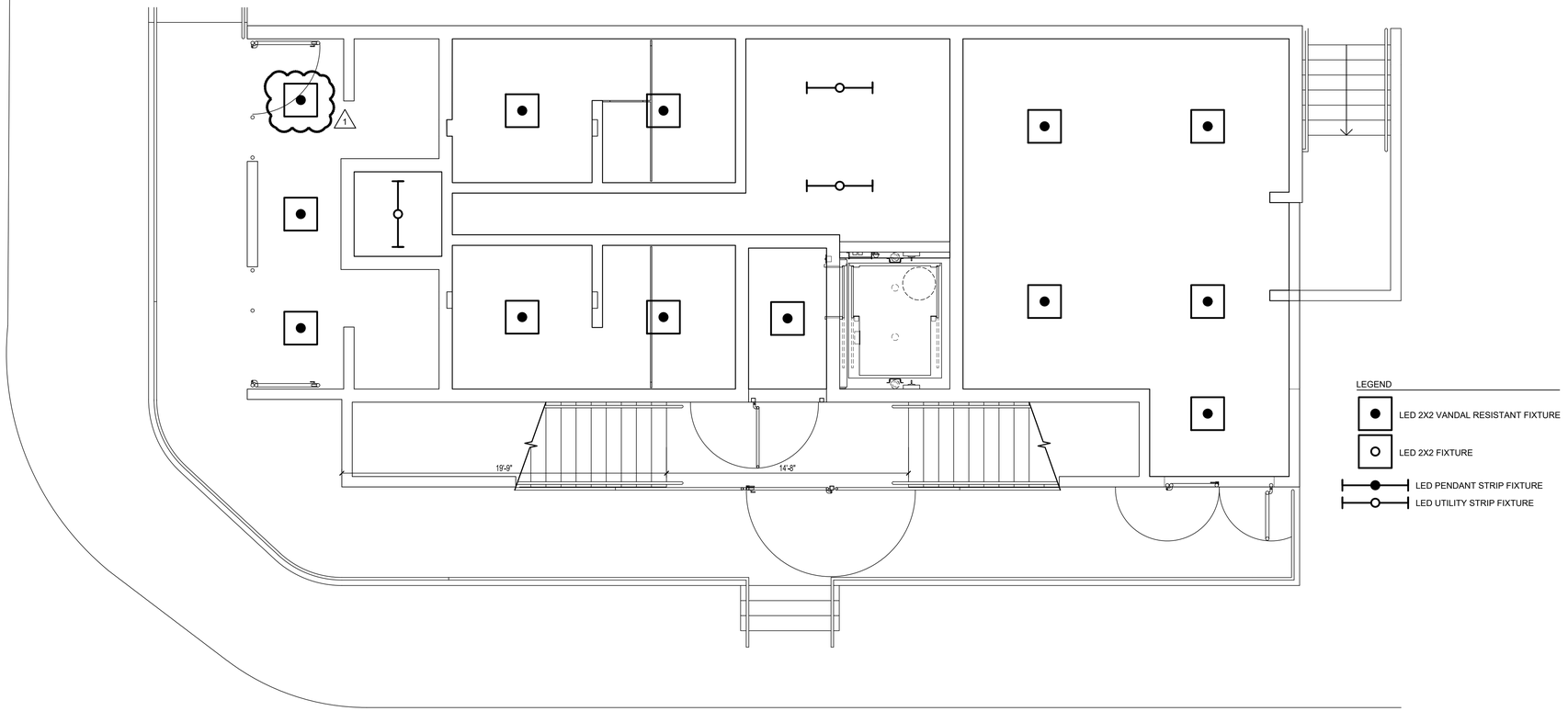
OCEAN CITY, MARYLAND

1	6/6/2024	WINDOW SIZE

Date: 04/17/2024
Scale: NOTED
Dwn.By: CULLEN
Proj.No.: 2145A005.B01

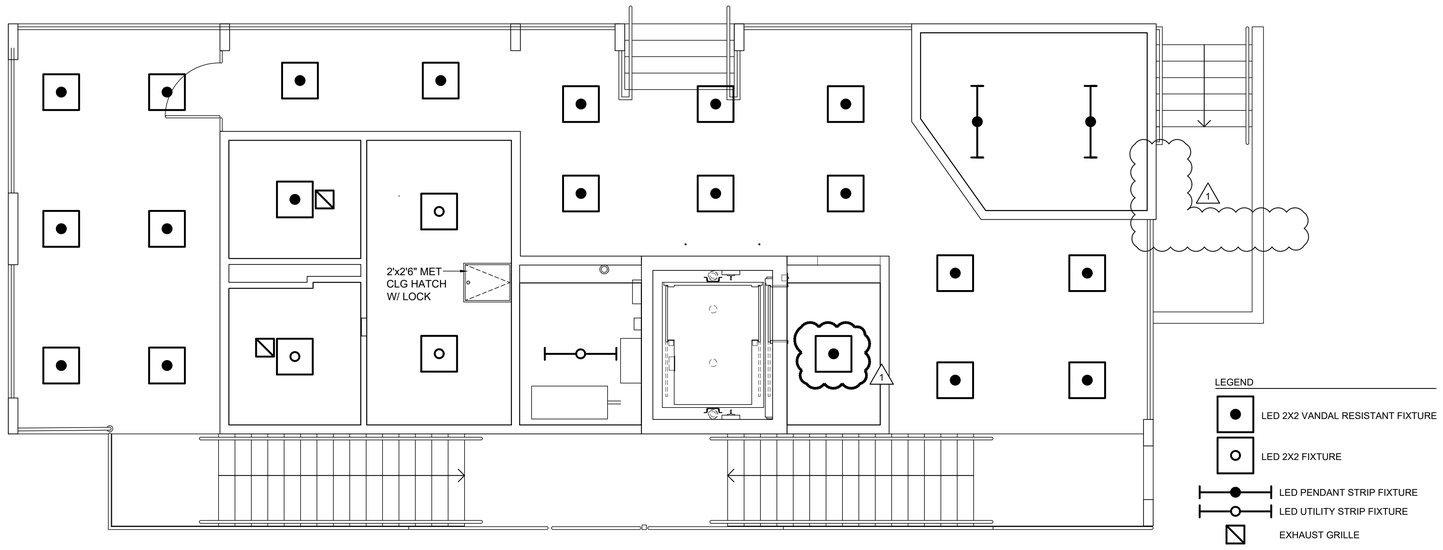
FLOOR PLANS & SCHEDULES

Dwg.No.: **A-101**



1 **GROUND FLOOR REFLECTED CEILING PLAN**

1/4"=1'-0"



2 **SECOND FLOOR REFLECTED CEILING PLAN**

1/4"=1'-0"

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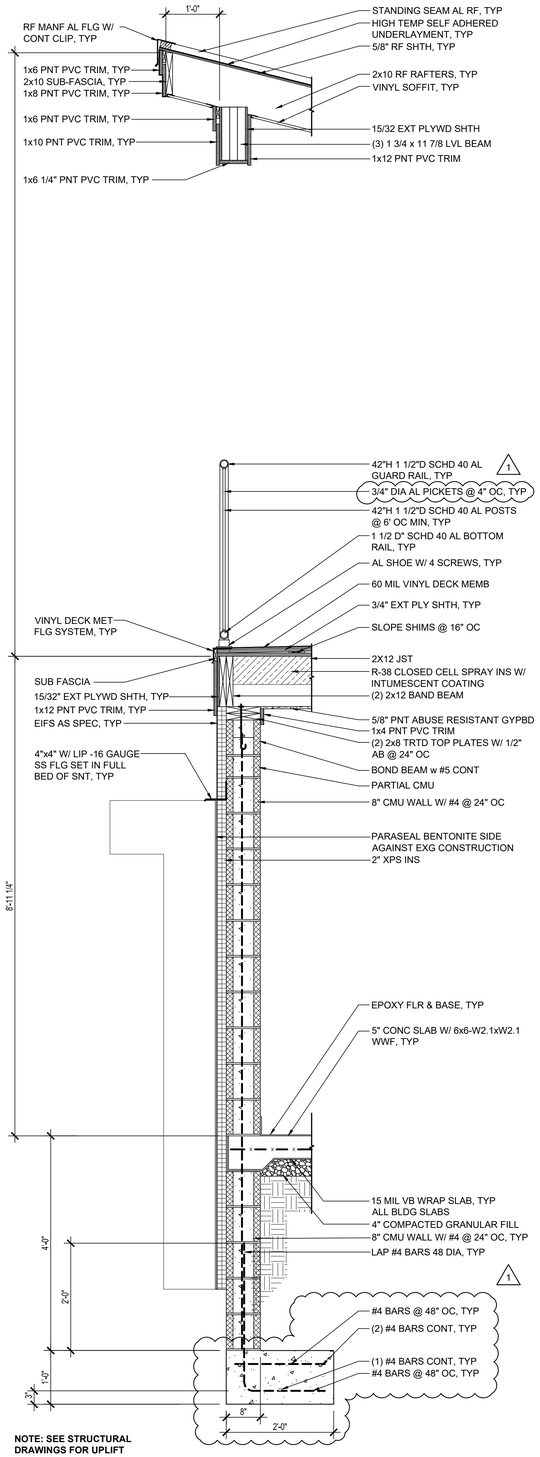
OCEAN CITY, MARYLAND

1	6/6/2024	REVISED 2 LIGHT FIXTURES

Date: 04/17/2024
Scale: NOTED
Dwn.By: CULLEN
Proj.No.: 2145A005.B01

REFLECTED CEILING PLANS

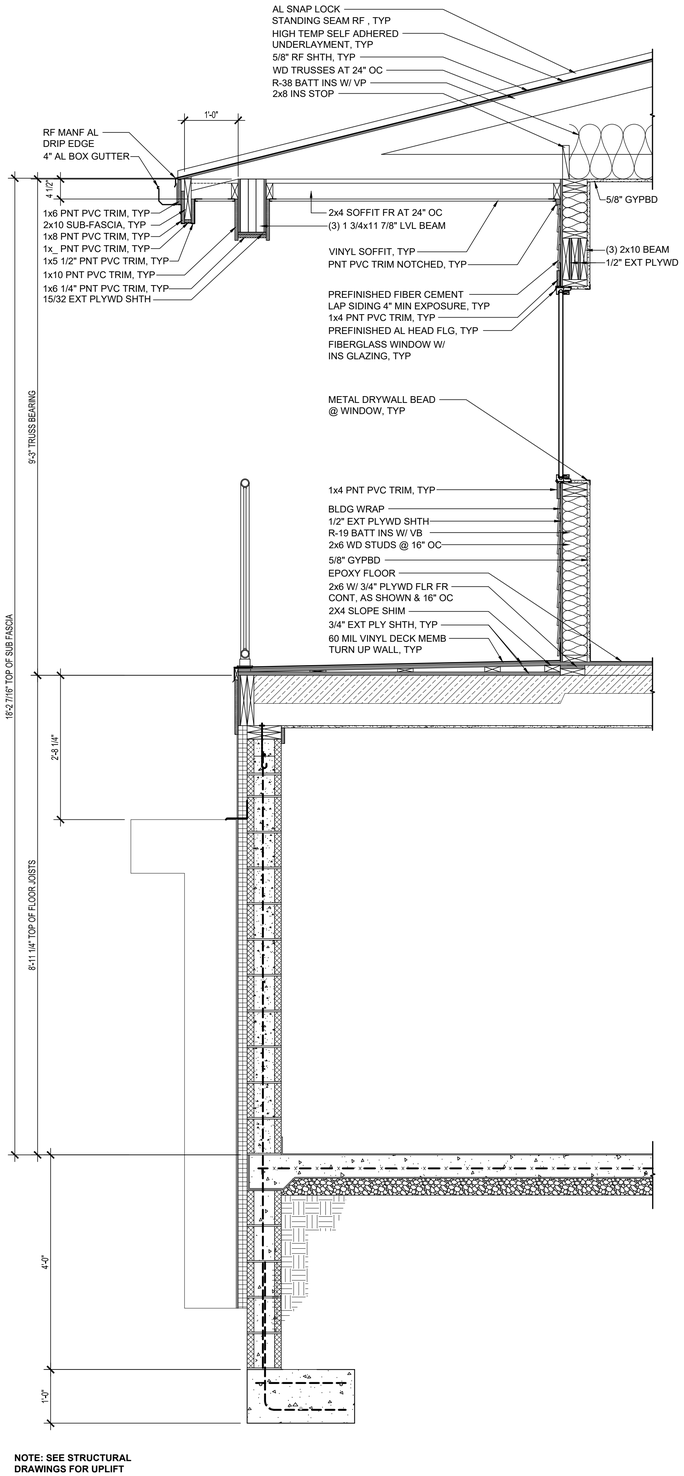
Dwg.No.: **A-103**



NOTE: SEE STRUCTURAL DRAWINGS FOR UPLIFT CONNECTIONS.

1 WALL SECTION

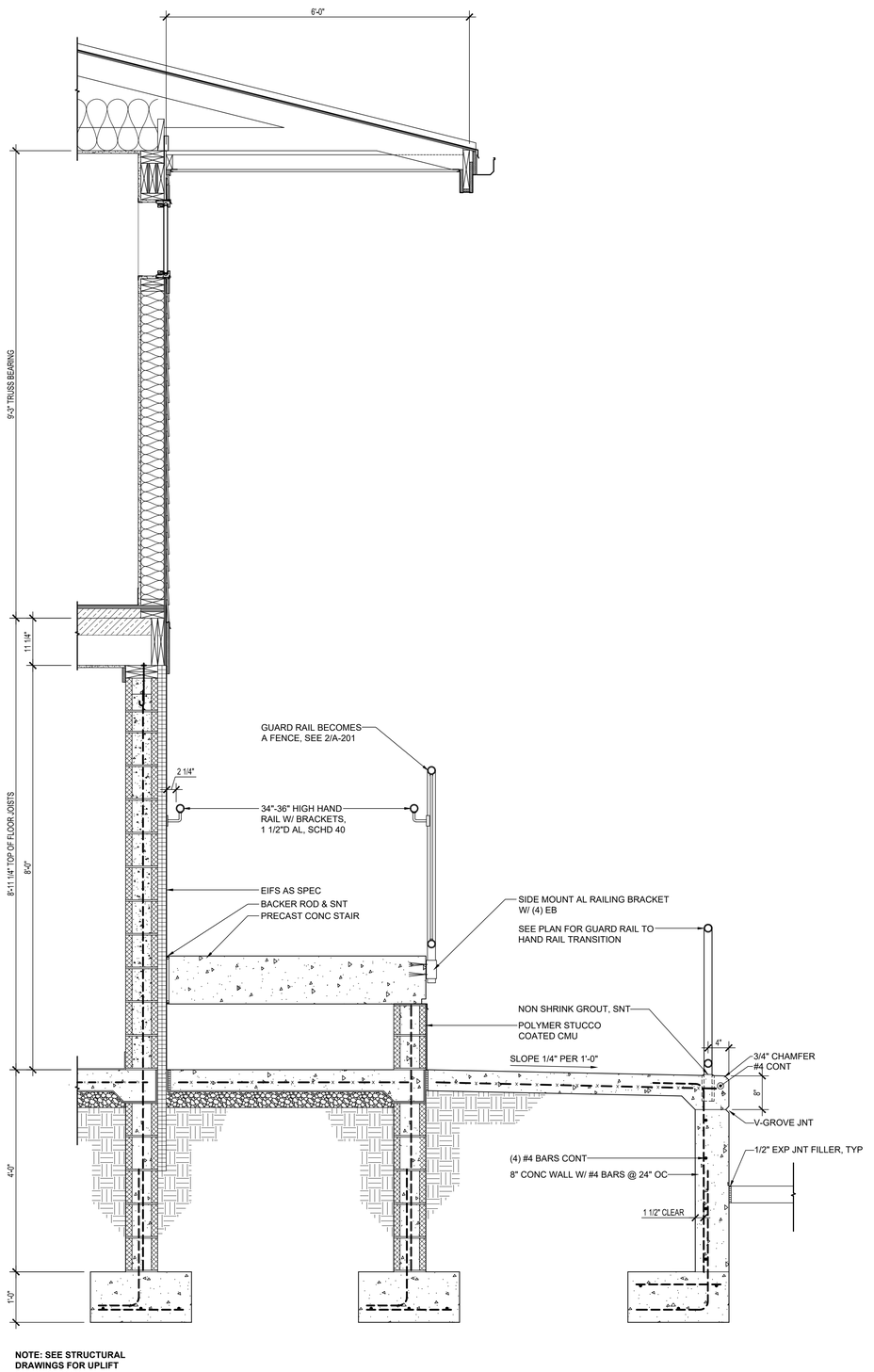
3/4"=1'-0"



NOTE: SEE STRUCTURAL DRAWINGS FOR UPLIFT CONNECTIONS.

2 WALL SECTION

3/4"=1'-0"



NOTE: SEE STRUCTURAL DRAWINGS FOR UPLIFT CONNECTIONS.

3 WALL SECTION

3/4"=1'-0" SEE WALL SECTIONS 1 & 2 /A-401 FOR SIMILAR NOTES

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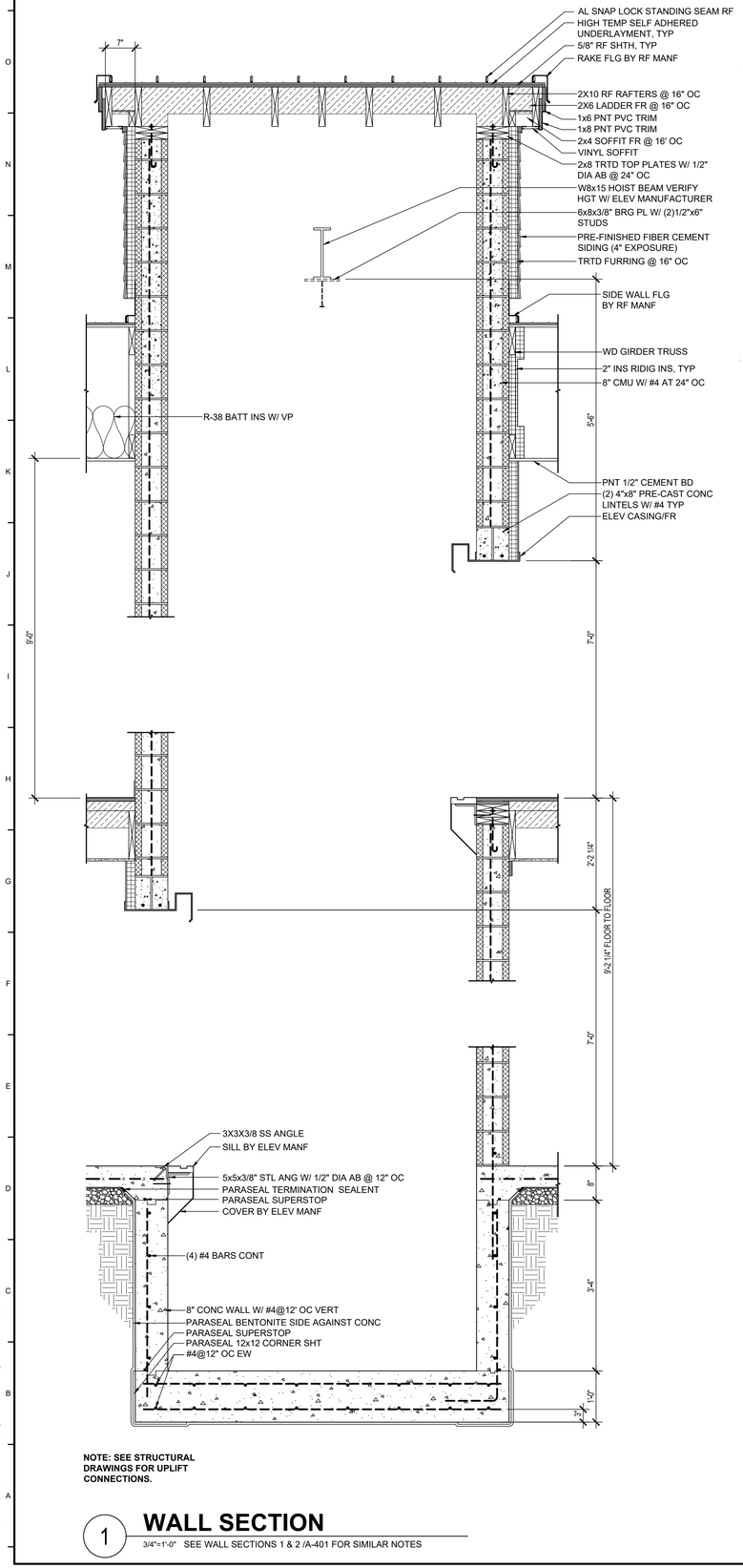
OCEAN CITY, MARYLAND

1	6/6/2024	REVISED PICKET SIZE

Date: 04/17/2024
Scale: NOTED
Dwn.By: CULLEN
Proj.No.: 2145A005.B01

WALL SECTIONS

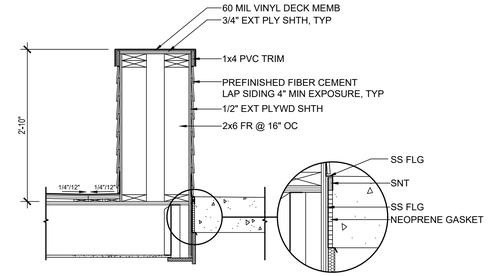
Dwg.No.: A-401



NOTE: SEE STRUCTURAL DRAWINGS FOR UPLIFT CONNECTIONS.

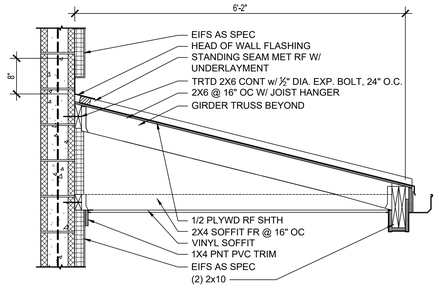
1 WALL SECTION

3/4"=1'-0" SEE WALL SECTIONS 1 & 2 /A-401 FOR SIMILAR NOTES



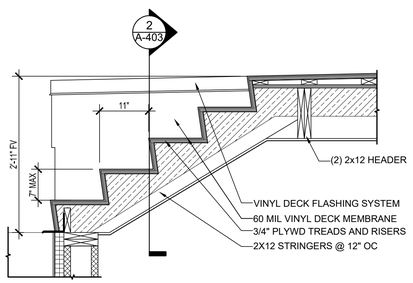
5 DETAIL

3/4"=1'-0"



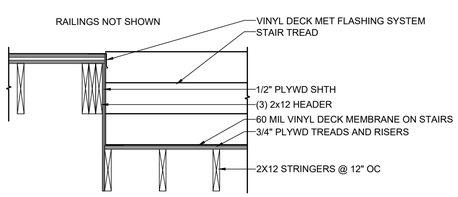
4 DETAIL

3/4"=1'-0"



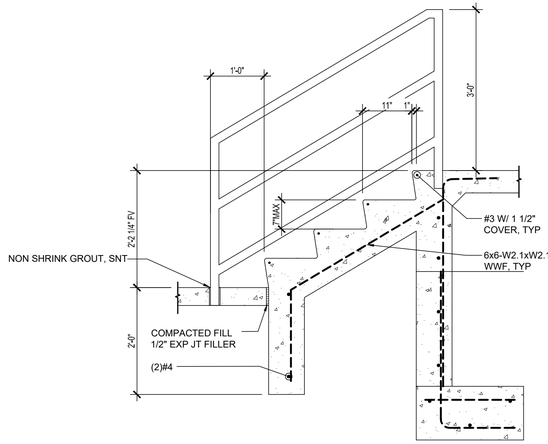
3 DETAIL

3/4"=1'-0"



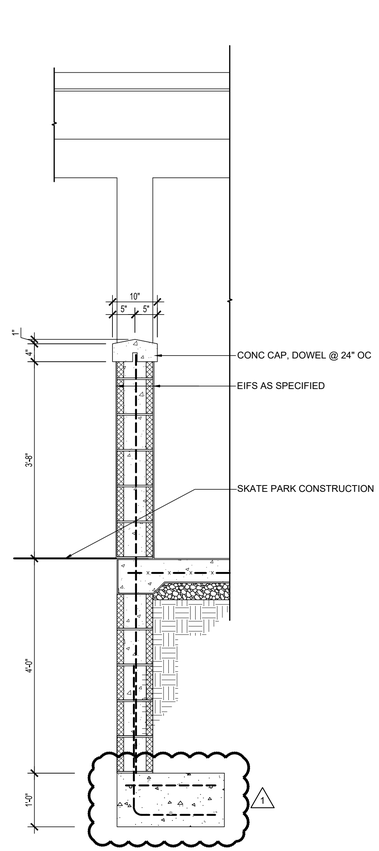
2 DETAIL

3/4"=1'-0"



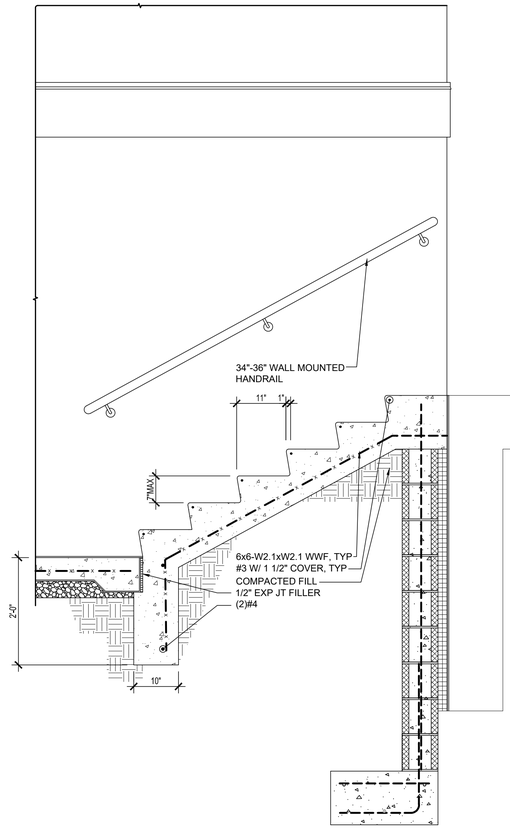
7 DETAIL

3/4"=1'-0" SEE WALL SECTIONS 8/A-403 FOR SIMILAR NOTES



6 WALL SECTION

3/4"=1'-0" SEE WALL SECTIONS 1 & 2 /A-401 FOR SIMILAR NOTES



8 DETAIL

3/4"=1'-0" SEE WALL SECTIONS 1 & 2 /A-401 FOR SIMILAR NOTES

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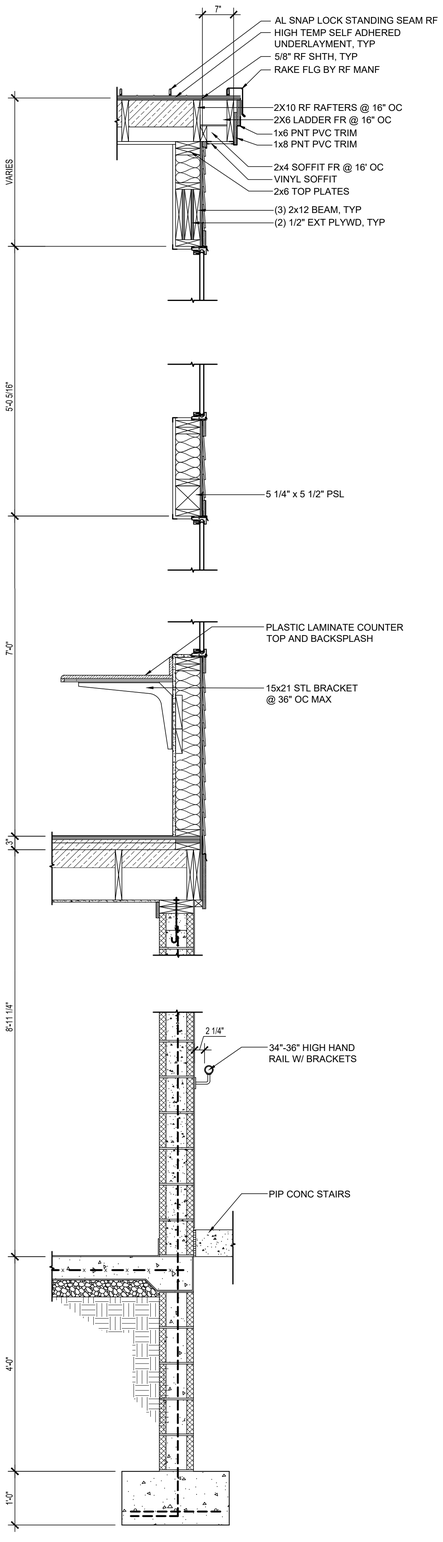
3RD STREET/ ST. LOUIS AVENUE
OCEAN CITY, MARYLAND

1	6/6/2024	REVISE FOOTING LOCATION

Date: 04/17/2024
Scale: NOTED
Dwn.By: CULLEN
Proj.No.: 2145A005.B01

WALL SECTIONS & DETAILS

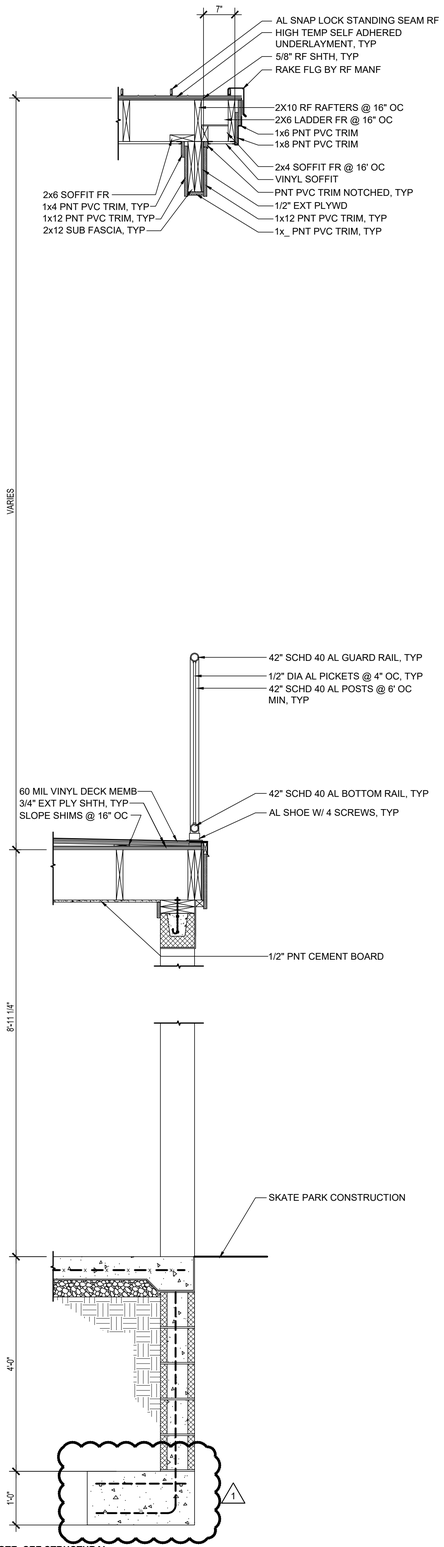
Dwg.No.: **A-403**



NOTE: SEE STRUCTURAL DRAWINGS FOR UPLIFT CONNECTIONS.

1 WALL SECTION

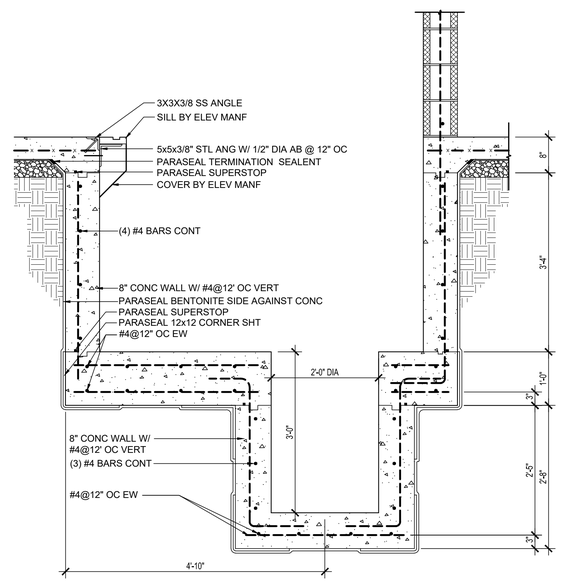
3/4"=1'-0" SEE WALL SECTIONS 1 & 2 /A-401 FOR SIMILAR NOTES



NOTE: SEE STRUCTURAL DRAWINGS FOR UPLIFT CONNECTIONS.

2 WALL SECTION

3/4"=1'-0" SEE WALL SECTIONS 1 & 2 /A-401 FOR SIMILAR NOTES



3 ELEVATOR SUMP DETAIL

3/4"=1'-0" COORDINATE EXACT LOCATION WITH ELEVATOR MANUFACTURER

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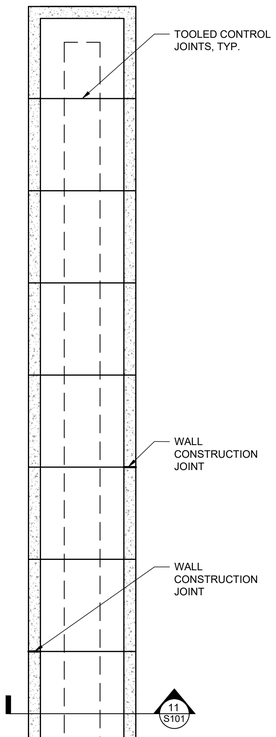
OCEAN BOWL ADMIN BUILDING
3RD STREET/ ST. LOUIS AVENUE
OCEAN CITY, MARYLAND

1	6/6/2024	REVISE FOOTING LOCATION

Date: 04/17/2024
Scale: NOTED
Dwn.By: CULLEN
Proj.No.: 2145A005.B01

WALL SECTIONS

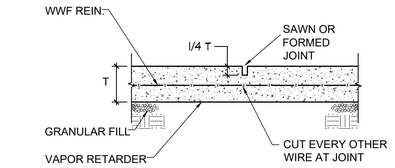
Dwg.No.: **A-404**



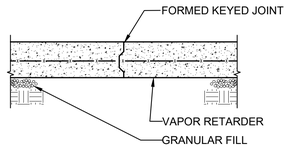
1 FOUNDATION PLAN
1/4"=1'-0"

NOTES: 1. TOP OF FOOTING -4'-0", TOP OF SLAB 0'-0"
2. CONCRETE SLAB SHALL BE 5" THK W/ 6X6-W2.1xW2.1 WWF
3. SEE DETAIL 10/S101 FOR ADDITIONAL SLAB REINFORCING

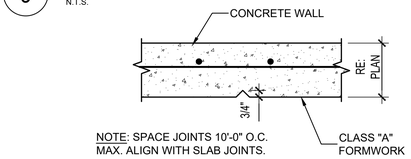
(1) SUMP PIT CONCRETE ANTI-FLOATATION RING SHALL BE A MINIMUM OF 0.33 CUBIC YARDS OF CONCRETE. ASSUMED PIT DIMENSIONS ARE 36"Ø x 15'-6". IF PIT SIZE EXCEEDS ASSUMED SIZE, CONTACT THE ENGINEER OF RECORD FOR A CONCRETE VOLUME RECOMMENDATION.



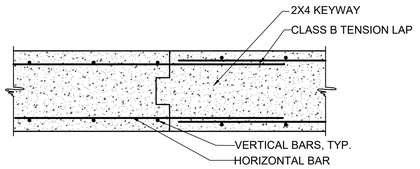
2 SLAB CONTROL JOINT DETAIL
N.T.S.



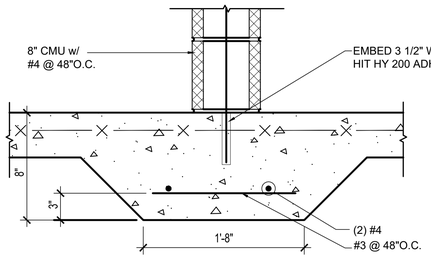
3 SLAB CONSTRUCTION JOINT DETAIL
N.T.S.



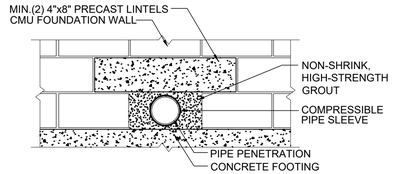
4 V-GROOVE JOINT
N.T.S.



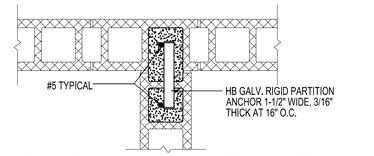
5 WALL CONSTRUCTION JOINT
N.T.S.



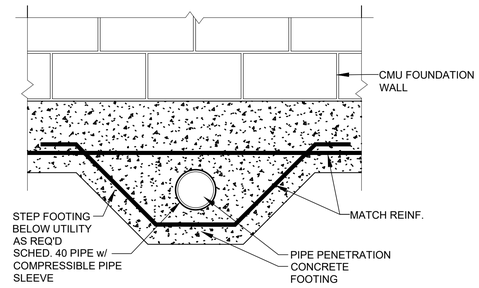
6 THICKENED SLAB DETAIL
N.T.S.



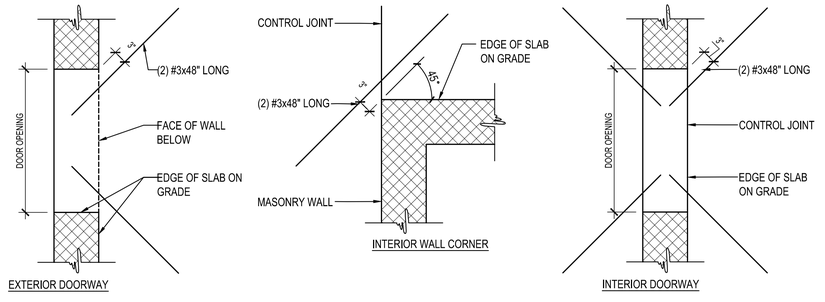
7 CMU FOUNDATION WALL PENETRATION
N.T.S.



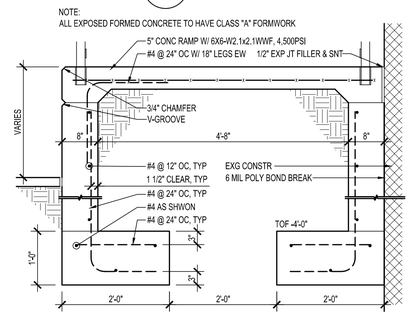
8 CMU WALL INTERSECTION PLAN DETAIL
N.T.S.



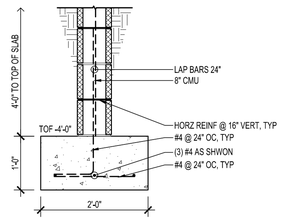
9 CONCRETE FOOTING PENETRATION



10 SLAB-ON-GRADE REINFORCING DETAIL
N.T.S.



11 RAMP DETAIL
N.T.S.



12 TYPICAL WALL FOOTING
N.T.S.

DAVIS BOWEN & FRIEDEL, INC.
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EASTON, MARYLAND 410.770.4744
MILFORD, DELAWARE 302.424.1441
SALISBURY, MARYLAND 410.543.9091

I certify that these documents were prepared or approved by me, and that I am a duly licensed Engineer under the laws of the State of Maryland License Number: 18124 , Expiration Date: 01/17/25

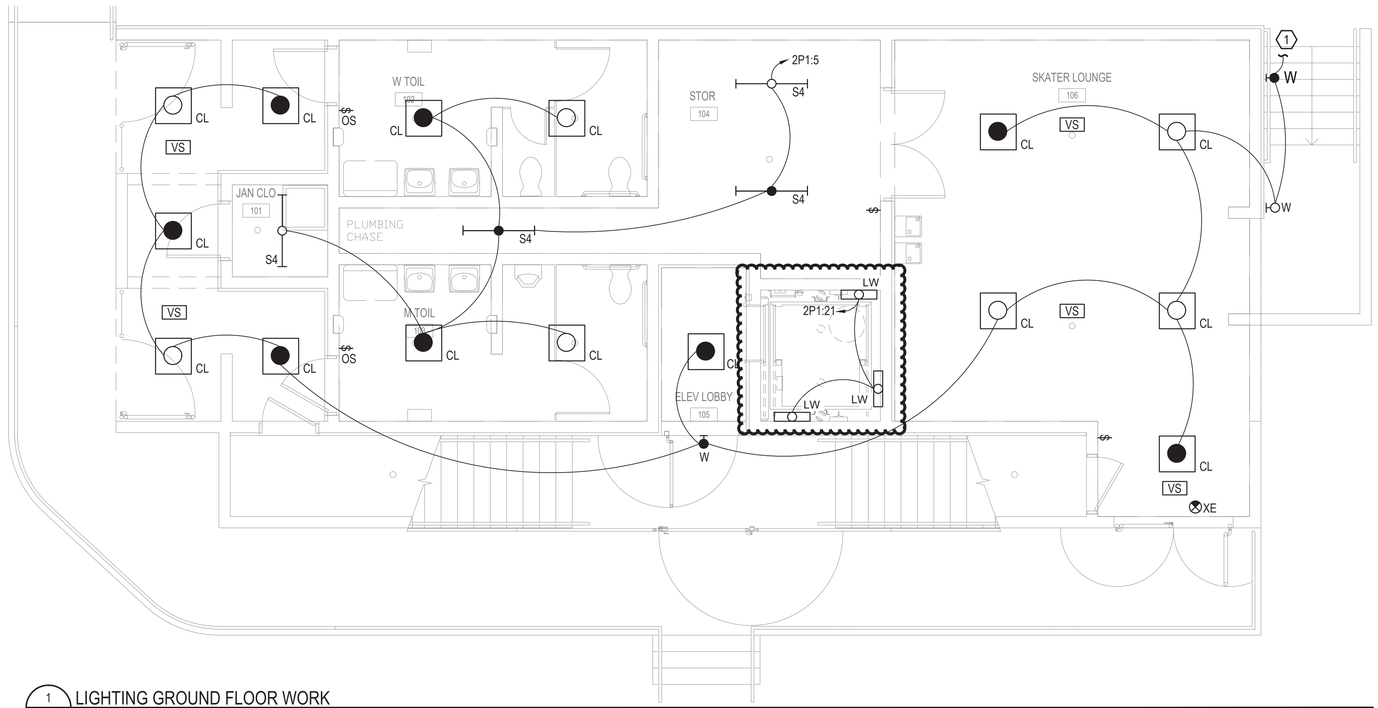
OCEAN BOWL ADMIN. BUILDING
3RD STREET/ ST. LOUIS AVENUE
OCEAN CITY, MARYLAND

1	7/3/2023	REDUCED SCOPE
2	6/6/2024	REVISE FOUNDATION ALONG EAST SIDE OF BLDG

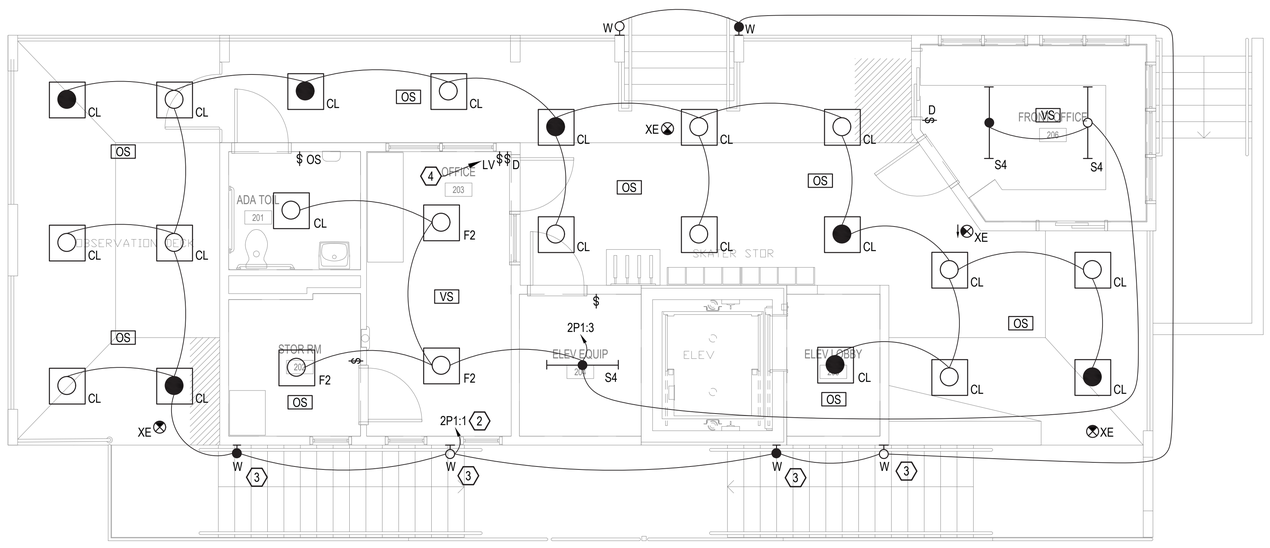
Date:	04/17/24
Scale:	NOTED
Dwn.By:	CULLEN
Proj.No.:	2145A005.B01

FOUNDATION PLAN & DETAILS

Dwg.No.: **S-101**



1 E-101 LIGHTING GROUND FLOOR WORK
1/4" = 1'-0"



2 E-101 LIGHTING SECOND FLOOR WORK
1/4" = 1'-0"

LIGHTING GENERAL NOTES:

1. FIRE STOP ALL FIRE RATED FLOORS,CEILINGS, AND WALLS AS REQUIRED BY CODE. PENETRATIONS INTO OR THROUGH FIRE RESISTANCE RATED WALLS SHALL COMPLY WITH IBC CHAPTER 7.
2. PROVIDE EXPANSION FITTINGS AS REQUIRED AT ALL EXPANSION JOINTS. COORDINATE WITH ARCHITECTURAL PLANS.
3. WHERE EXPOSED, BRANCH CIRCUITS SHALL BE RUN IN EMT CONDUIT ROUTED PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. WHERE CONCEALED WITHIN WALLS OR ABOVE CEILING, MC CABLE IS PERMISSIBLE.
4. WHERE WIRE SIZE IS NOT INDICATED, #12 AWG MINIMUM SHALL BE USED FOR CIRCUITS LESS THAN 100 FEET IN LENGTH, #10 AWG SHALL BE USED FOR CIRCUITS FROM 100 TO 150 FEET IN LENGTH, AND #8 AWG SHALL BE USED FOR CIRCUITS FROM 150 TO 250 FEET IN LENGTH. CIRCUIT LENGTHS GREATER THAN 250 FEET SHALL BE WIRED USING #6 MINIMUM, SUBJECT TO FIELD VERIFICATION. ALL EXACT CONDUIT FOOTINGS, LENGTHS, AND WIRE SIZES SHALL BE FIELD DETERMINED BY THE E.C. PER ALL APPLICABLE CODES BASED ON ACTUAL CONDUIT AND WIRE ROUTING. THE INFORMATION ABOVE SHALL BE USED FOR PRICING PURPOSES ONLY.
5. EC SHALL NOT HAVE MORE THAN THREE CURRENT CARRYING CONDUCTORS IN A CONDUIT WITHOUT DERATING AMPACITIES PER THE NEC.
6. VERIFY EXACT LOCATIONS OF ALL DEVICES WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
7. WHERE DEVICES ARE DIMENSIONED ON ARCHITECTURAL DRAWINGS, INSTALL DEVICES PER THOSE DIMENSIONS. WHERE DEVICE LOCATIONS ARE NOT DIMENSIONED ON ARCHITECTURAL DRAWINGS, INSTALL IN ACCORDANCE WITH DEFAULT LOCATIONS IN ELECTRICAL SPECIFICATIONS.

LIGHTING KEY NOTES: (#)

1. CIRCUIT CONTINUES TO SECOND FLOOR.
2. ROUTE COVERED EXTERIOR LIGHTING CIRCUIT THROUGH LIGHTING CONTRACTOR WITH ASTRONOMICAL TIME CLOCK. COORDINATE TIME SCHEDULE WITH OWNER. PROVIDE CONTACTOR WITH ON/OFF/AUTO SELECTOR SWITCH.
3. WALL SCONCES SHALL BE MOUNTED 10'-0" ABOVE STAIR RISER.
4. SWITCH FOR CONTROL OF SITE LIGHTING FIXTURES. COORDINATE EXACT REQUIREMENTS WITH SITE PROJECT ELECTRICAL CONTRACTOR.

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

Allen + Shariff
MEP Engineering
Project Management
205 East Market Street
Salisbury, Maryland 21801
443.545.1300

ALLEN + SHARIFF JOB #: 2331061

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER: 15179 EXPIRATION DATE: 03/11/2025

DAVIS BOWEN & FRIEDEL, INC.
ARCHITECTS · ENGINEERS · SURVEYORS
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OCEAN BOWL ADMINBUILDING
3RD STREET/ ST. LOUIS AVENUE
OCEAN CITY, MARYLAND

1	6/6/2024	REVISED LIGHT FIXTURE

Date: 04/17/2024
Scale: 1/4"=1'-0"
Dwn.By: PRD
Proj.No.: 2145A005.B01

LIGHTING FLOOR PLANS

Dwg.No.: **E-101**

\\allenshariff.com\ENGR\Jobs\Jobs_23\2331061 OBF - OC Bowl Admin Building\6_Electrical\Sheet Files\2331061 E1.1 Electrical Floor Plan Lighting.dwg Apr 10, 2024 - 11:57am pdixon

LIGHTING FIXTURE SCHEDULE

TYPE	FIXTURE DESCRIPTION	MANUFACTURER	MODEL	DRIVER/ BALLAST	INPUT WATTS	VOLTS	MOUNTING	NOTES
F2	2X2 LED FLAT PANEL	LITHONIA	EPANL 3400LM 80CRI 35K MIN10 ZT MVOLT	0-10V	30	120-277	RECESSED	
CL	LED CANOPY LED	VERSALED	VR22-Q-23L-2774-4000K	0-10V	23	120-277	CEILING	
S4	4' LED STRIP LIGHT	LITHONIA	ZL1D L48 3000LM FST MVOLT 35K 35K 80CRI	0-10V	30	120-277	CEILING	
LW	2' LED VAPORTITE LNEAR	LITHONIA	DMW2 L24 3000LM PCL MD MVOLT GZ10 40K 80CRI	0-10V	27	120-277	SURFACE	
W	LED WALL SCONCE	LITHONIA	WDGE2 LED P2 30K 80CRI MVOLT	0-10V	19	120-277	WALL	
XE	EMERGENCY EXIT LIGHT	LITHONIA	LRE S R ELN SD	N/A	1.3	120-277	SURFACE	

NOTES:
1. ARCHITECT SHALL SPECIFY / VERIFY ALL FINISH SELECTIONS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL MOUNTING ACCESSORIES.
4. LIGHTING FIXTURE SUBSTITUTIONS THAT ARE CONSIDERED EQUAL TO THE SPECIFIED PRODUCTS MAY BE SUBMITTED AND WILL BE REVIEWED BY ARCHITECT AND ELECTRICAL ENGINEER. ACCEPTANCE WILL BE EVALUATED BASED ON AESTHETICS, PERFORMANCE, AND QUALITY. DO NOT PROVIDE VALUE ENGINEERING OPTIONS UNLESS SPECIFICALLY DIRECTED BY THE OWNER, ARCHITECT, OR ENGINEER.
5. THE STANDARD DRIVER OPTION FOR MOST FIXTURES IS 0-10V DIM. THE CONTRACTOR IS ONLY REQUIRED TO PROVIDE 0-10V WIRING WHERE DIMMING CONTROLS ARE SHOWN ON THE LIGHTING PLAN.
6. FIXTURES WITH HALF FILLED OR FILLED CENTERS SHALL BE PROVIDED WITH A 1100 LUMEN MIN EMERGENCY BATTERY BACKUP.

Branch Panel: 2P1

Location: STORAGE
Supply From: UTILITY
Mounting: SURFACE
Enclosure: TYPE 1

Volts: 208/120V
Phases: 3
Wires: 4

A.I.C. Rating: 22 KAIC
Mains Type: MCB
Mains Rating: 200
MCB Rating: 200

CKT	Circuit Description	Wire Size	Trip	Pole	LOAD (VA) A		LOAD (VA) B		LOAD (VA) C		Pole	Trip	Wire Size	Circuit Description	CKT
1	LTG EXERIOR	2#12,1#12G,3/4"C	1	20	838	44					1	20	2#12,1#12G,3/4"C	HWRP-1	2
3	LTG 1ST FLOOR	2#12,1#12G,3/4"C	1	20			182	2250			2	30	2#10,1#10G,3/4"C	EWH-1	4
5	LTG 2ND FLOOR	2#12,1#12G,3/4"C	1	20					152	2250					6
7	ELEV SUMP PUMP	2#12,1#12G,3/4"C	1	20	1000	2500					2	30	2#10,1#10G,3/4"C	DRYER	8
9	REC	2#12,1#12G,3/4"C	1	20			180	2500							10
11	REC ADMIN	2#12,1#12G,3/4"C	1	20					720	500	1	20	2#12,1#12G,3/4"C	WASHER	12
13	REC REFRIGERATOR	2#12,1#12G,3/4"C	1	20	1000	180					1	20	2#12,1#12G,3/4"C	REC LAUNDRY	14
15	REC OFFICE	2#12,1#12G,3/4"C	1	20			900	1838			2	25	2#10,1#10G,3/4"C	HP-1	16
17	REC EXTERIOR	2#12,1#12G,3/4"C	1	20					180	1838					18
19	REC ELEVATOR	2#12,1#12G,3/4"C	1	20	180	748					2	20	2#12,1#12G,3/4"C	HP-2	20
21	LTG ELEVATOR	2#12,1#12G,3/4"C	1	20			72	748							22
23	REC EXTERIOR	2#12,1#12G,3/4"C	1	20					180	2800	2	30	2#10,1#10G,3/4"C	EH-1	24
25	REC VENDING MACHINE	2#12,1#12G,3/4"C	1	20	1000	2800									26
27	REC VENDING MACHINE	2#12,1#12G,3/4"C	1	20			1000	2800			2	30	2#10,1#10G,3/4"C	EH-1	28
29	REC EXTERIOR	2#12,1#12G,3/4"C	1	20					180	2800					30
31	REC ELEV EQUIP RM	2#12,1#12G,3/4"C	1	20	360	1500					2	20	2#12,1#12G,3/4"C	EH-2	32
33	HAND DRYER	2#12,1#12G,3/4"C	1	20			432	1500							34
35	HAND DRYER	2#12,1#12G,3/4"C	1	20					432	1500	2	20	2#12,1#12G,3/4"C	EH-2	36
37	FACP*	2#12,1#12G,3/4"C	1	20	500	1500									38
39	RECP - FAN	2#12,1#12G,3/4"C	1	20			100	1500			2	20	2#12,1#12G,3/4"C	EH-2	40
41	HAND DRYER	2#12,1#12G,3/4"C	1	20					432	1500					42
43	HAND DRYER	2#12,1#12G,3/4"C	1	20	432	1500					2	20	2#12,1#12G,3/4"C	EH-2	44
45	ELEV CAB LTG	2#12,1#12G,3/4"C	1	20			55	1500							46
47	SPACE	-	-	-					-	1500	2	20	2#12,1#12G,3/4"C	EH-2	48
49	SPACE	-	-	-	-	1500									50
51	SPACE	-	-	-			-	747			3	20	3#12,1#12G,3/4"C	SP-1	52
53	SPACE	-	-	-					-	747					54
55	SPACE	-	-	-	-	747									56
57	SPACE	-	-	-			-	-			-	-	-	SPACE	58
59	SPACE	-	-	-					-	-	-	-	-	SPACE	60
61	SPACE	-	-	-	-	-					-	-	-	SPACE	62
63	SPACE	-	-	-			-	-			-	-	-	SPACE	64
65	SPACE	-	-	-					-	-	-	-	-	SPACE	66
67	SPACE	-	-	-	-	-					-	-	-	SPACE	68
69	SPACE	-	-	-			-	-			-	-	-	SPACE	70
71	SPACE	-	-	-					-	-	-	-	-	SPACE	72
		Total Load:			18329		18304		17711						
		Amps:			150.8										

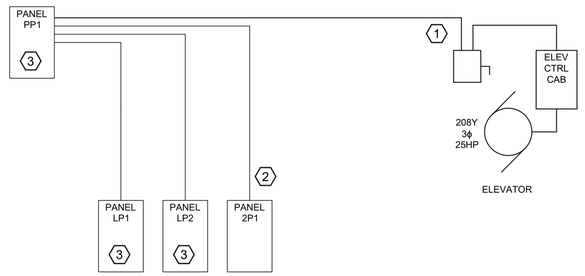
NOTES:
* PROVIDE RED CIRCUIT BREAKER WITH UL LISTED LOCKING DEVICE CAPABLE OF BEING LOCKED IN THE CLOSED POSITION.

RISER DIAGRAM GENERAL NOTES:

1. THE RISER DIAGRAM IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO SHOW SYSTEM CONNECTIVITY AND FEEDER SIZES. REFER TO POWER PLANS FOR EQUIPMENT LAYOUTS AND LOCATIONS. ELECTRICAL CONTRACTOR SHALL VERIFY THAT THE SUBMITTED EQUIPMENT DIMENSIONS FIT WITHIN THE CORRESPONDING ELECTRICAL SPACE(S). ALL EQUIPMENT CLEARANCES AND MOUNTING HEIGHTS REQUIRED BY THE NEC SHALL BE MAINTAINED.
2. ELECTRICAL CONTRACTOR SHALL COORDINATE SITE WORK WITH CIVIL SITE PLANS, WHERE APPLICABLE, AND EXISTING SITE CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK.
3. THE ELECTRICAL SERVICE INSTALLATION AND METERING STRATEGY SHALL BE APPROVED BY THE UTILITY COMPANY PRIOR TO THE COMMENCEMENT OF WORK. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH UTILITY RULES AND REGULATIONS.
4. ELECTRICAL CONTRACTOR SHALL COORDINATE THE PROCUREMENT AND INSTALLATION OF ALL METERING EQUIPMENT WITH THE UTILITY, INCLUDING METERS, METER SOCKETS, METER TRANSOCKETS, INSTRUMENT CABINETS, CURRENT TRANSFORMERS (CT'S), AND VOLTAGE TRANSFORMERS (VT'S). THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL EQUIPMENT THAT IS THE RESPONSIBILITY OF THE "CUSTOMER" PER THE UTILITY'S SERVICE GUIDELINES.
5. UNDERGROUND CONDUIT SHALL BE RMC WITH RMC ELBOWS. WHERE APPROVED BY THE OWNER, SCHEDULE 80 PVC WITH RMC OR FIBERGLASS ELBOWS MAY BE SUBMITTED AS A VALUE ENGINEERING OPTION. UNDERGROUND FEEDER(S) SHALL BE CONCRETE ENCASED WHERE ROUTED UNDER PARKING LOTS OR DRIVE LANES. ELECTRICAL CONTRACTOR SHALL TRENCH AND BACKFILL FOR ALL UNDERGROUND PATHWAYS. UNDERGROUND CONDUIT SHALL BE A MINIMUM OF 36" BFG.
6. EXPOSED EXTERIOR CONDUIT SHALL BE RMC. WHERE APPROVED BY THE OWNER, SCHEDULE 80 PVC MAY BE SUBMITTED AS A VALUE ENGINEERING OPTION. ALL EXTERIOR BUILDING MOUNTED CONDUIT SHALL BE PAINTED PER THE ARCHITECT'S SPECIFICATIONS.
7. PROVIDE PULL BOXES WHERE REQUIRED PER NEC FOR CONDUIT BENDS.
8. THE BASIS OF DESIGN MATERIAL FOR ALL EQUIPMENT BUSES IS COPPER.

(#) RISER DIAGRAM NOTES

1. PROVIDE NEW 125A/3 POLE CIRCUIT BREAKER IN PANEL PP1 TO SERVE THE NEW ELEVATOR. FEEDER SHALL BE 3#1,1#6G,1-1/2"C.
2. PROVIDE NEW 200A/3 POLE CIRCUIT BREAKER IN PANEL PP1 TO SERVE NEW PANEL 2P1. FEEDER SHALL BE 4#4/0,1#6G,2-1/2"C.
3. PANELBOARD PROVIDED AS PART OF SITE PROJECT CONTRACT.



1 E301 ELECTRICAL SINGLE LINE DIAGRAM
NOT TO SCALE

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER: 15179 EXPIRATION DATE: 03/11/2025

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3RD STREET/ ST. LOUIS AVENUE
OCEAN CITY, MARYLAND

1	6/6/2024	REVISED LIGHT FIXTURE SCHEDULE

Date: 04/17/2024
Scale: NONE
Dwn.By: PRD
Proj.No.: 2145A005.B01

ELECTRICAL SCHEDULES

Dwg.No.: **E-301**

Allen + Shariff
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Project Management
205 East Market Street
Salisbury, Maryland 21801
443.545.1300

ALLEN + SHARIFF JOB #: 2331061