

Procurement Department
Jennifer Horner, CPPB, Supervisor of Procurement
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ADDENDUM #2

Bid #25-JHP-021

New Ticket Booth at Aberdeen High School

TO: ALL BIDDERS
FROM: Jennifer Horner, CPPB, Procurement Agent
DATE: April 9, 2025

This Addendum is issued in response to prospective bidder's inquiries and to add/clarify verbiage in the Bid.

1. **REVISION:** Revised Drawing A1.7 – Revised in response to permit comments. Ticket booth upgrade to comply with IECC requirements.
2. **REVISION:** Revised Drawing A5.3 – Added in response to permit comments.
3. **QUESTION:** Please confirm no bid bond is required.

ANSWER: Correct, no bid bond.

4. **QUESTION:** Will this project be a day time summer project?

ANSWER: Yes, refer to Specifications Section 10 for the timeline and Section 6 for the work hours.

5. **QUESTION:** Please confirm no prevailing wages on this project.

ANSWER: Correct, no prevailing wages.

6. **QUESTION:** In the spec for conduit outside it says for underground to use sch. 40 pvc. Nothing is shown for outside above ground. Please advise on conduit type for outside above ground.

ANSWER: Sch. 40 pvc acceptable for outside above ground.

7. **QUESTION:** Is there a overall length limit for conduit run from ticket booth to wire closet G-103?

ANSWER: No length limit. GC shall be responsible for providing single mode fiber (3 pair) with interduct shielding from G-103 to ticket booth. Cable will need LC connector at both ends and be plenum rated. GC shall run fiber line in 4" conduit outside building to ticket booth. GC shall also provide 4" empty conduit with pull tape to existing concession stand building.

8. **QUESTION:** Is the 1-1/2" conduit allowed to be exposed on wall on back side of concession stand by panel location to allow conduit to be connected to the panel?

ANSWER: Yes.

9. **QUESTION:** The spec for conduit outside says for underground to use sch. 40 pvc. Nothing is shown outside above ground. Please advise on conduit type for outside above ground.

ANSWER: Sch. 40 pvc acceptable for outside above ground.

10. **QUESTION:** The data calls for a 4" conduit from the shed to the data rack in Room G-103. This seems oversized for data, security, and cameras in the ticket booth. We recommend a 1" Or 1-1/4" conduit to save cost. Please clarify.

ANSWER: Conduit no longer required through ceiling space.

11. **QUESTION:** Drawings call for EC to provide conduit and string only for data. Please verify. If cable is required, Please specify which cables are required.

ANSWER: GC shall be responsible for providing single mode fiber (3 pair) with interduct shielding from G-103 to ticket booth. Cable will need LC connector at both ends and be plenum rated. GC shall run fiber line in 4" conduit outside building to ticket booth. GC shall also provide 4" empty conduit with pull tape to existing concession stand building.

12. **QUESTION:** The plans call for installing a new underground splice/pull box in the run from the ticket booth to the concession stand. There is currently a large underground splice/pull box already in place, west side of the sidewalk at the corridor entrance and it is labeled "Electric". Could we perhaps use this junction box in our conduit run over to the concession stand instead?

ANSWER: Splice/pull box was included to cover expense where/if required. We have no issues with use of existing junction box if field verified to be an available alternative.

13. **QUESTION:** Are we able to run conduit up the north most wall of the concession stand rather than going out and around the back? This will alleviate a lot of digging and clean up. If so, should the conduit be painted, and what color?

ANSWER: We have no issue with routing up north most wall. Paint color can be selected during construction.

14. **QUESTION:** Please clarify the type of cable to be pulled from the closet G-103 to the new ticket booth along with the maximum distances and bend radius and any restrictions. This will help us in our effort to install the proper pathway for this cable.

ANSWER: GC shall be responsible for providing single mode fiber (3 pair) with interduct shielding from G-103 to ticket booth. Cable will need LC connector at both ends and be plenum rated. GC shall run fiber line in 4" conduit outside building to ticket booth. GC shall also provide 4" empty conduit with pull tape to existing concession stand building.

15. **QUESTION:** Is there a need for the cable from G-103 to the ticket booth to be in conduit through the hallway ceilings? These ceilings were opened during our site visit and along with elevation changes the ceilings are very tight with HVAC duct work and other trades running through them. A 4" conduit will be extremely hard to get installed.

ANSWER: Conduit no longer required through ceiling space.

16. **QUESTION:** I have attached a drawing referencing the direction we would like to use to enter the concession building . Will this be an acceptable alternative? This question is part of RFI question 11.

ANSWER: We have no issues with use of routing alternative/existing junction box if verified to be available in the field. GC shall also provide 4” empty conduit with pull tape to existing concession stand building.

I hereby acknowledge receipt of Addendum #2 dated April 9, 2025 to Bid #25-JHP-021 New Ticket Booth at Aberdeen High School.

Company

Name (Print or Type)

Authorized Signature

Date

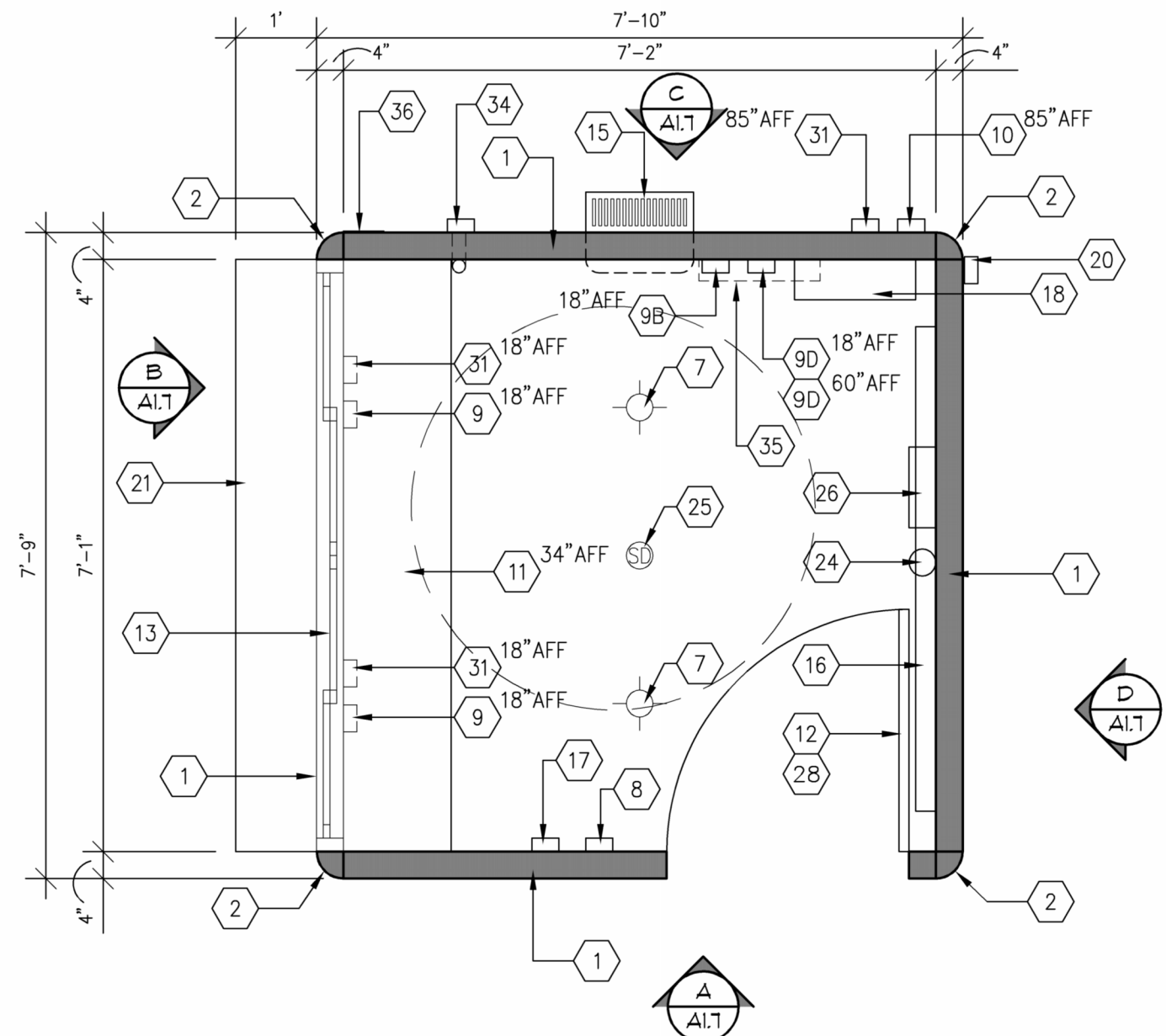
Note: Bidder shall sign and submit Addendum with submission. The same person signing the Addendum shall sign the Bid Form. Failure to submit the Addendum may deem your bid as non-responsive.

GENERAL NOTES

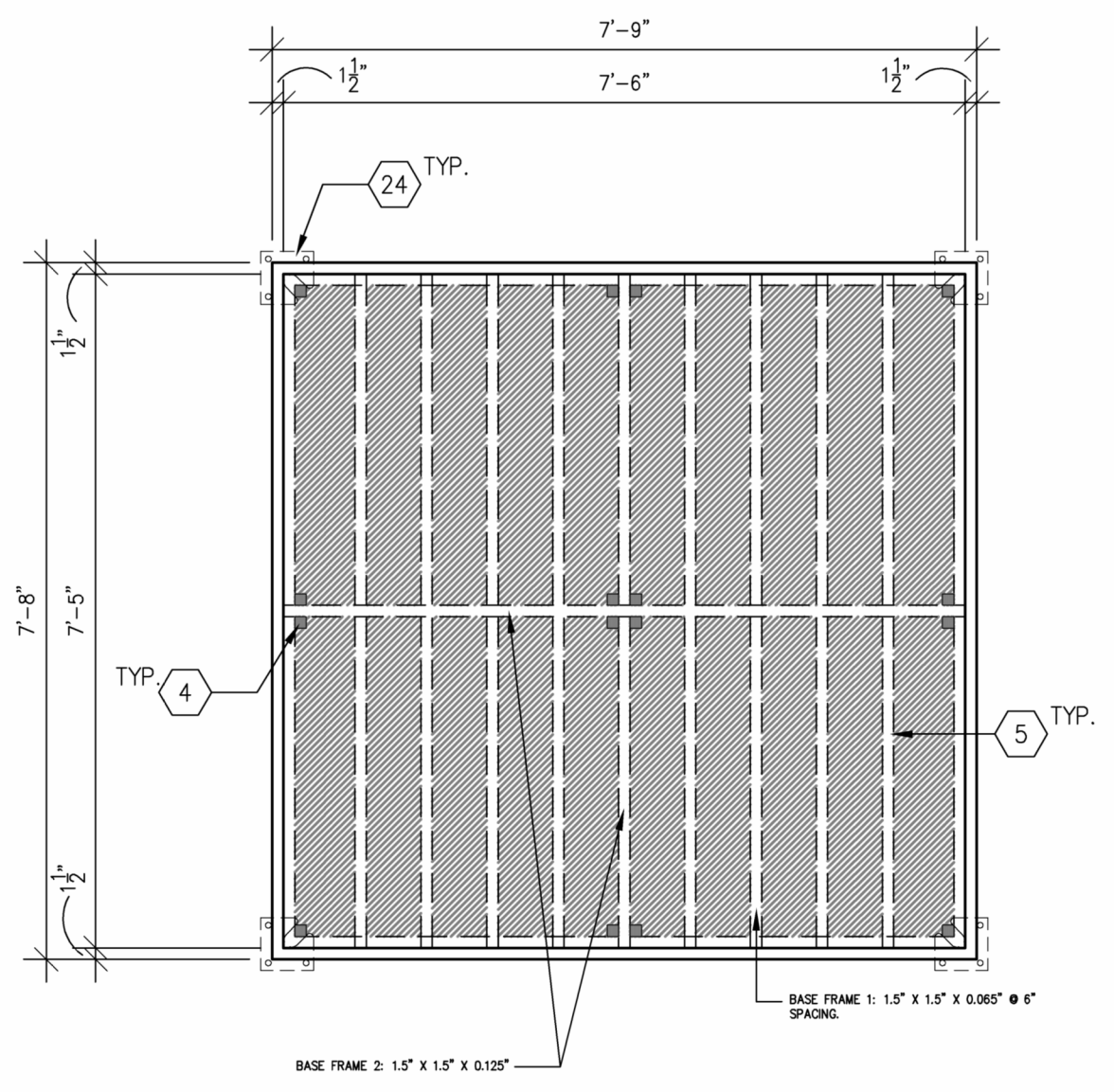
- DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIM.
- ALL DIMENSIONS GIVEN IN THIS DRAWING ARE IN FEET & INCH
- EXTERIOR WRAP WITH VINYL.
- PITCHED ROOF
- FLOOR TO BE INSULATED WITH R 10
- BOOTH MANUFACTURER TO PROVIDE THIRD PARTY CERTIFICATION FOR STATE OF MARYLAND APPROVAL AND LOCAL CODE REQUIREMENTS. BUILDING TO BE DESIGNED AND CERTIFIED FOR THE FOLLOWING DESIGN CRITERIA:
WIND LOAD: 120 MPH
SNOW LOAD: 30 LB
SEISMIC CATEGORY B

KEY NOTES

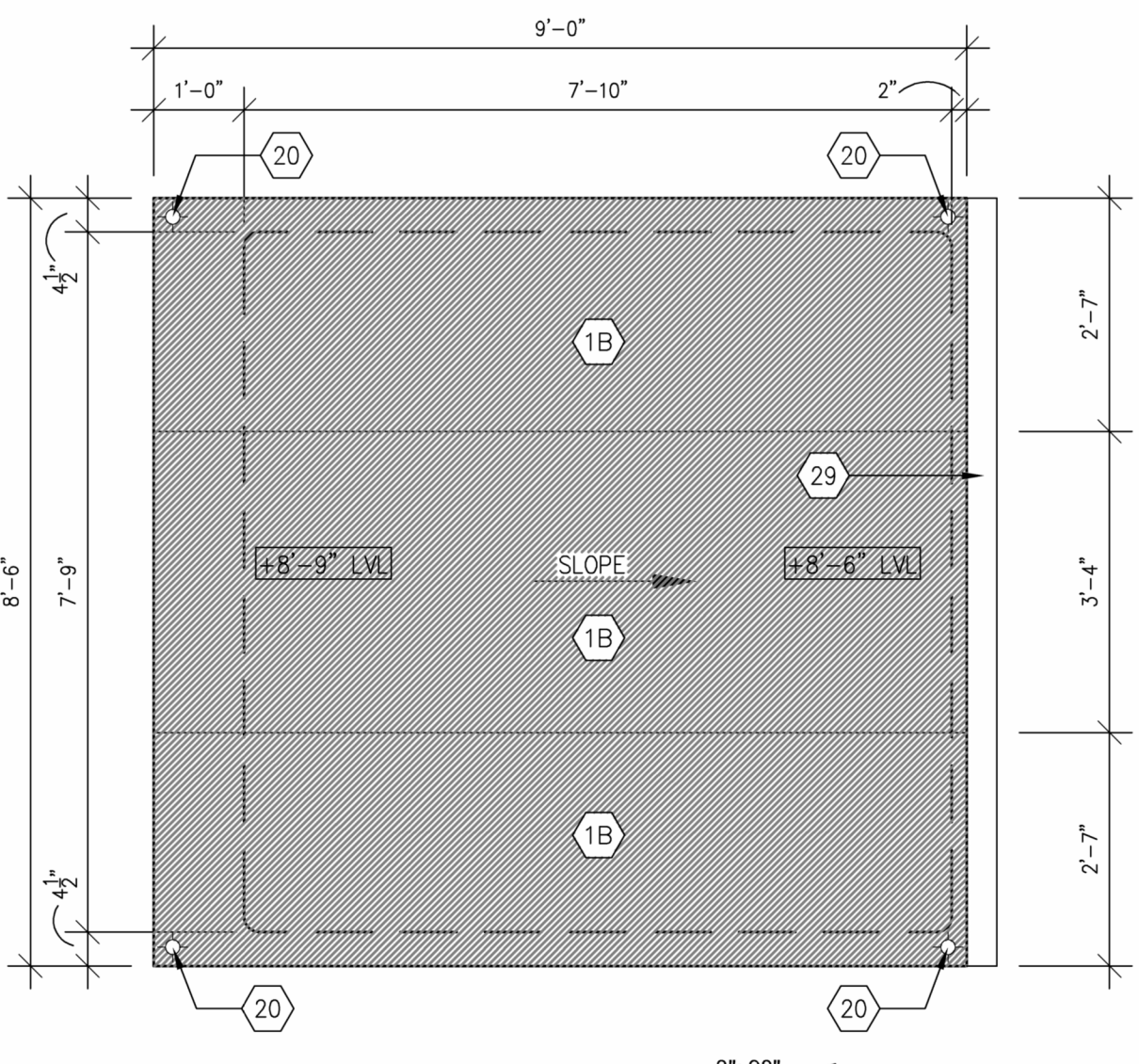
- (150)X(100)X(2) ISOPIANO SANDWICH PANEL-ALUMINUM FRAME WITH 4" DOUBLE LAYER ISOPIANO PANELS AND R-28.17 XPS FOAM INSULATION FOR WALLS (WRAPPED)
- ISOCOP PANEL-ALUMINUM FRAME WITH 6" DOUBLE LAYER PANELS AND R-42.25 XPS FOAM INSULATION FOR ROOF
- (150) SANDWICH PANEL-ALUMINUM FRAME WITH 2" DOUBLE LAYER ISOPIANO PANELS AND R-14.08 XPS FOAM INSULATION FOR DOOR
- (400) CORNER COLUMN
- (400) C-CHANNEL
- (300) LEGS
- (80X80) BASE-FRAME, WELDED 1 1/2" X 1 1/2" X 0.05" SQUARE STEEL TUBING, COVERED WITH 0.12" THK. DIAMOND FLOOR PLATE (INSULATED)
- SUPPORT TUBE 1-1/2" X 1-1/2" X 0.125"
- (80X80) PITCHED ROOF WITH 4" OVERHANG
- (300) INTERIOR LIGHTING (9 WATT @ EACH)
- (2305) LIGHT SWITCH
- (2303) QUAD OUTLET (2X)
- RECEPTACLE FOR AC
- (EXTJUNCTIONBOX) 1/2" EXTERIOR ELECTRICAL CONNECTION BOX
- (DESK) DESK WITH DRAWER (2X) 18" DEEP X 36" HT. AFF.
- (1002) 36" SWING DOOR WITH FIXED GLASS 4 LEVER HANDLE @ 40" AFF MAX. (INSULATED) (R-10 DOOR) U-FACTOR 0.071 (GLASS @ 0.385HGC) U-FACTOR 0.35 (3/4" THICK) VT 64%
- (3403-04, 01) SLIDING WINDOW (INSULATED) X 0.385HGC X 3/4" THK. (U-FACTOR 0.35) (VISIBLE TRANSMITTANCE 64%)
- FIXED WINDOW (INSULATED) X 0.385HGC X 3/4" THK. (U-FACTOR 0.35) VT 64%
- (9104) WALL MOUNTED AC (12000 BTU)
- (H6X8) ELECTRIC BASEBOARD HEATER (2X) 1500 WATT
- (2302) THERMOSTAT
- (3402) CIRCUIT BREAKER PANEL RATED 125 AMP MAIN LUG (8 SPACE) (LOCKABLE PANEL)
- (2323) WEATHERPROOF 60A FUSIBLE SWITCH FUSED (60 AMP)
- (EXTLGT) EXTERIOR LIGHTING (15WATT @ EACH)
- (2403) CONDUIT
- (1009) DOOR CLOSER
- (BRACKETS) ANCHORING BRACKET
- (11009) FIRE EXTINGUISHER
- (11008) SMOKE DETECTOR
- (11011) FIRST AID KIT
- (11010) WALL MOUNTED FLASHLIGHT
- (11021) EXIT SIGN 4 EMERGENCY LIGHT
- GUTTER
- DOWNSPOUT
- (1010) COUNTER TOP EXTERIOR -4" PANEL
- ANGLE BRACKET SUPPORT FOR EXTERIOR DESK (3X)
- (EKIT) DATA PORT 4 PHONE LINE (2X)
- OWNER SUPPLIED, CONTRACTOR INSTALLED WALL MTD DATA RACK
- 6X6 BACKING PLATE FOR OWNER INSTALLED CAMERA. PROVIDE CONDUIT W/ FULL STRING TO DATA RACK LOCATION.



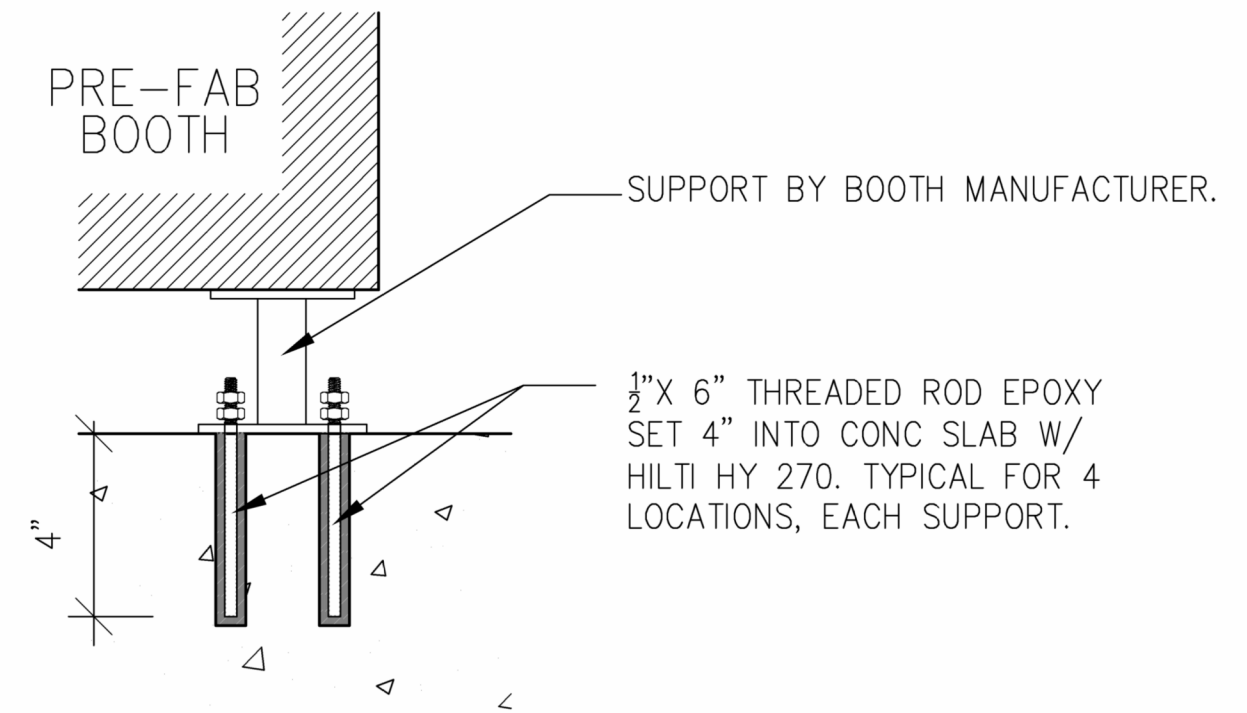
1 BOOTH FLOOR PLAN
A1.7 1/2" = 1'-0"



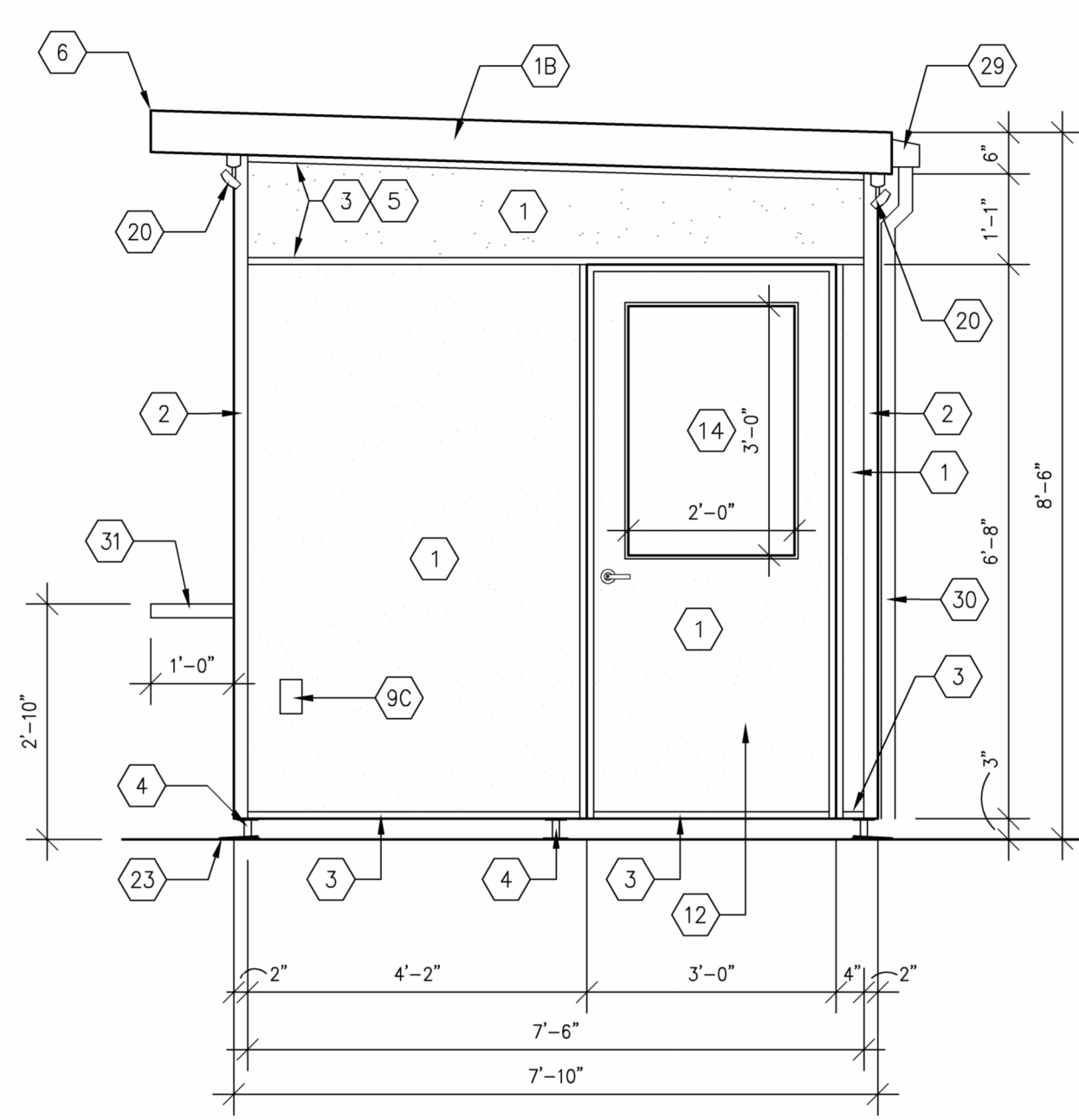
2 FLOOR FRAMING
A1.7 1/2" = 1'-0"



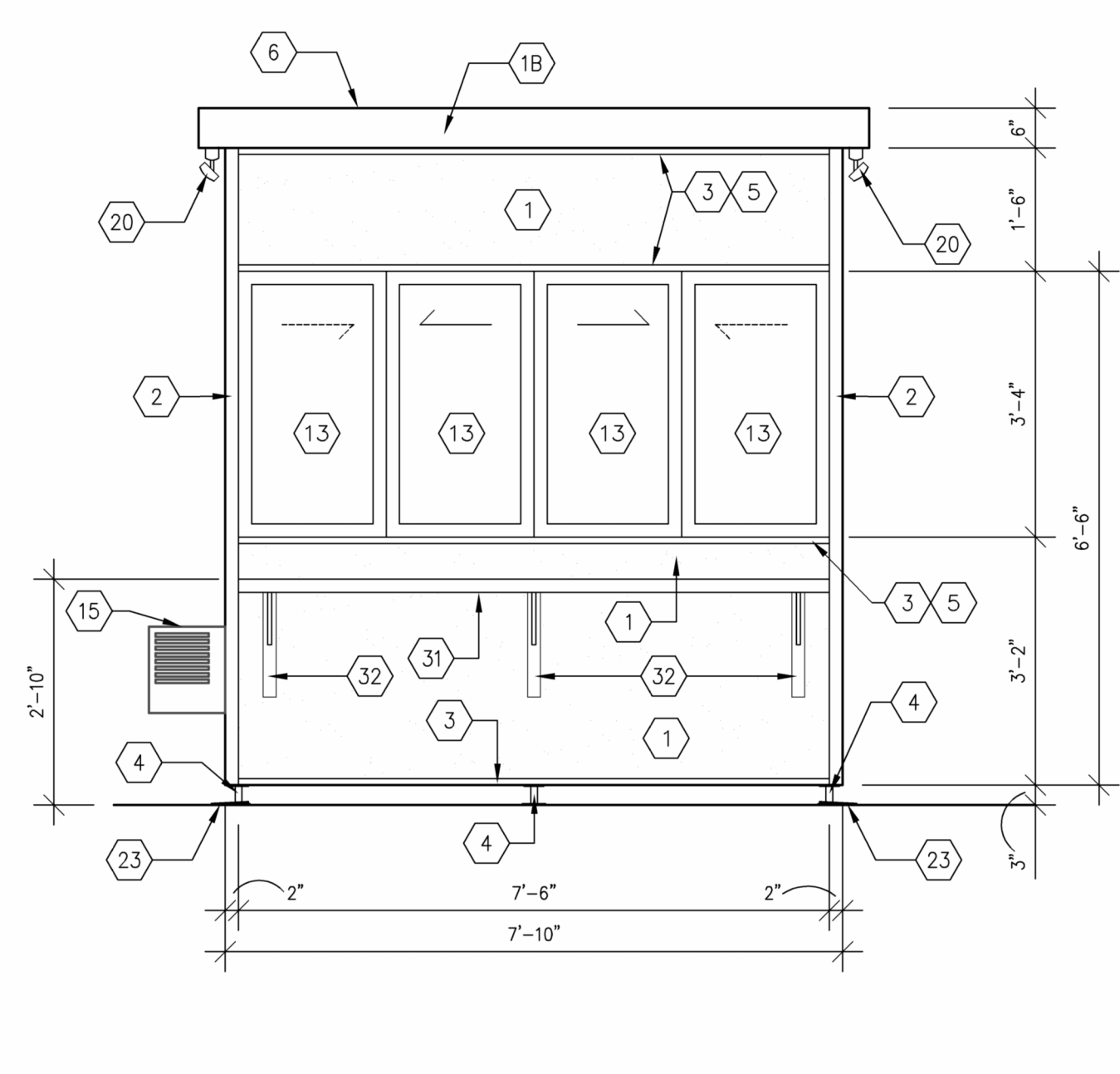
3 ROOF PLAN
A1.7 1/2" = 1'-0"



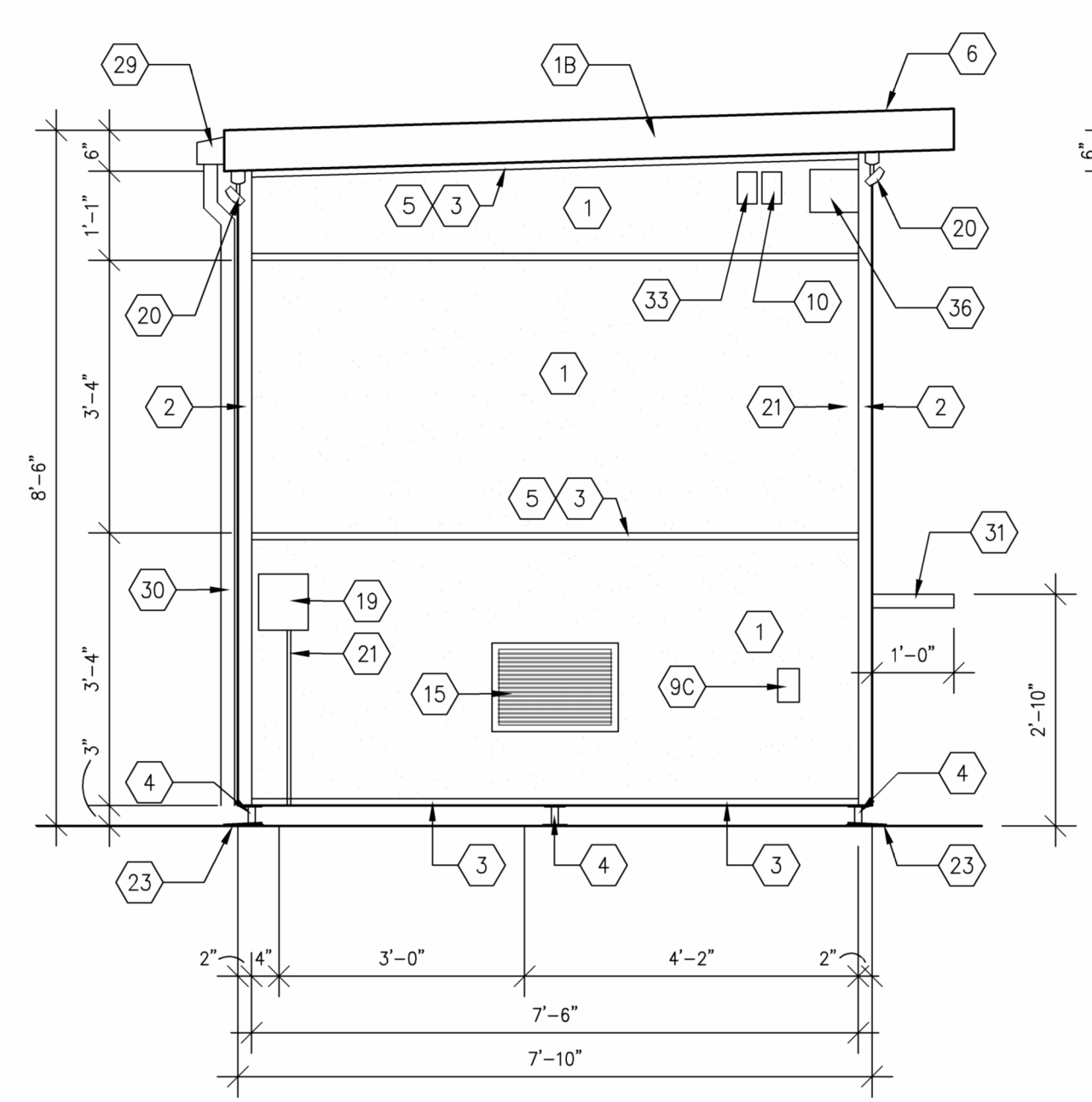
4 TYPICAL ANCHOR DETAIL
A1.7 N.T.S.



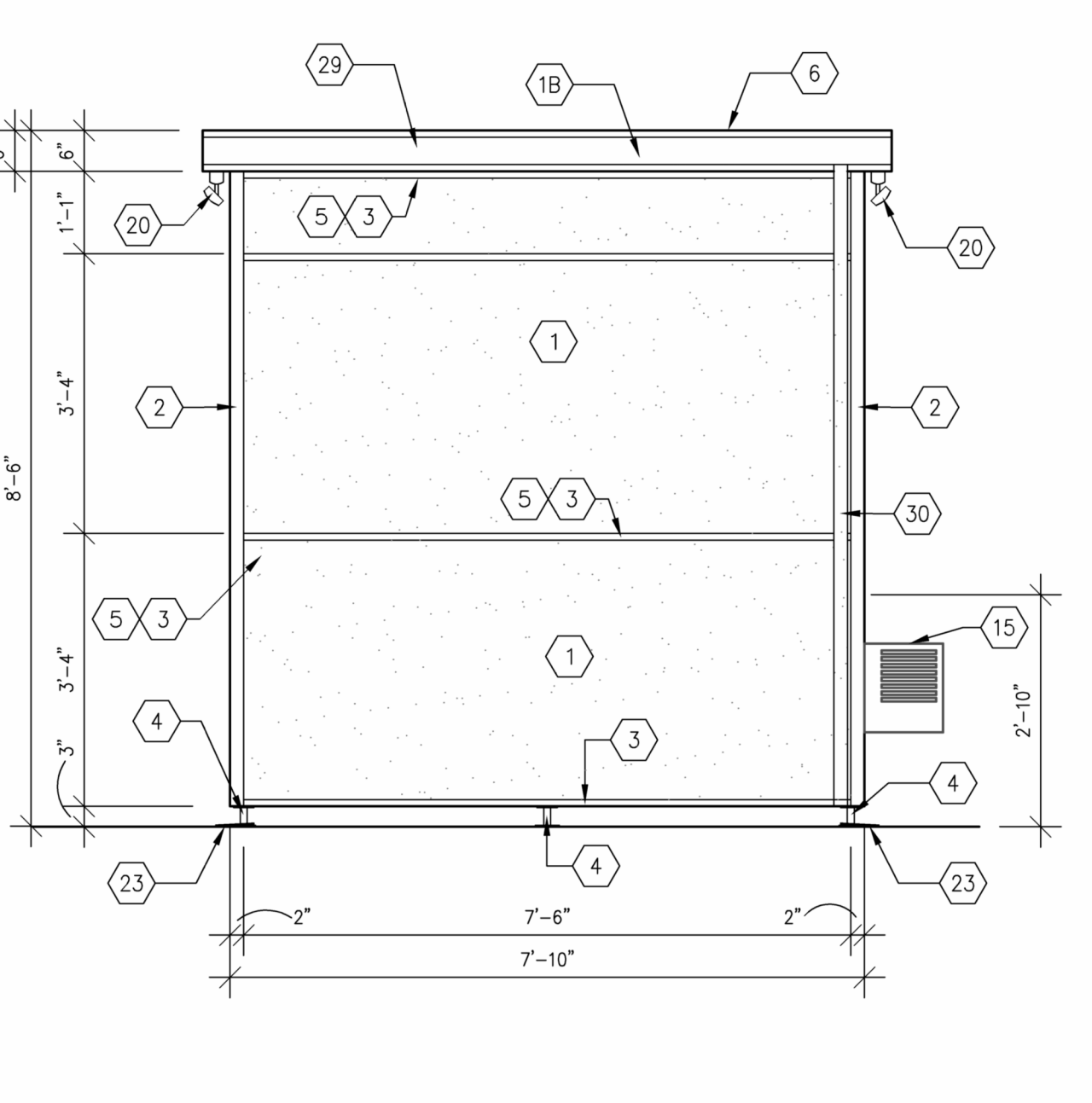
A EAST ELEVATION
A1.7 1/2" = 1'-0"



B SOUTH ELEVATION
A1.7 1/2" = 1'-0"



C WEST ELEVATION
A1.7 1/2" = 1'-0"



D NORTH ELEVATION
A1.7 1/2" = 1'-0"

REV	DATE	DESCRIPTION

ARCHITECTS
ENGINEERS
PLANNERS
SURVEYORS

FREDERICK WARD ASSOCIATES
www.fredrickward.com
410-688-7900

CLIENT:
HARFORD COUNTY PUBLIC SCHOOLS
102 SOUTH HICKORY AVENUE, BEL AIR, MD 21014

TICKET BOOTH PLANS & ELEVATIONS
HCPs ABERDEEN HIGH SCHOOL TICKET BOOTH
251 PARADISE ROAD, ABERDEEN, MD 21001

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NUMBER: 20121
EXPIRATION DATE: 10/30/2025

DATE: 04/08/2025
SCALE: AS NOTED
DRAWN BY: RG
CHECKED BY: BS

DRAWING NO:
A1.7
FWA JOB NUMBER: 2241105.00

COMcheck Software Version COMcheckWeb
Envelope Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: Aberdeen HS Ticket Booth
Location: Aberdeen, Maryland
Climate Zone: 4a
Project Type: Addition
Vertical Glazing / Wall Area: 10%
All Electric: false
Is Renewable: true
Has Battery: false
Has Charger: false
Has Heat Pump: true

Construction Site: Owner/Agent: Designer/Contractor:

Efficiency Packages

Description Credit

Building Area	Floor Area
1-School/University (School/University) : Nonresidential	64

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor _{req}
Ext Wall:SOUTH WALL: Ext Wall:SOUTH WALL, Heat capacity 1.0, [Bldg. Use 1 - School/University] (b)	88	---	---	0.035	0.064
Window:Window: , Perf. Specs.: Product ID , SHGC 0.38, PF 0.21, VT 64.00, [Bldg. Use 1 - School/University] (c)	24	---	---	0.035	0.450
Roof:Roof: Roof:Roof, [Bldg. Use 1 - School/University] (b)	72	---	---	0.024	0.021
NORTH Ext Wall:NORTH WALL: Ext Wall:NORTH WALL, Heat capacity 1.0, [Bldg. Use 1 - School/University] (b)	80	---	---	0.035	0.064

EAST

Project Title: Aberdeen HS Ticket Booth Report date: 04/08/25
Data filename: Page 1 of 19

COMcheck Software Version COMcheckWeb
Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: Aberdeen HS Ticket Booth
Project Type: Addition
Exterior Lighting Zone: 2 (Residential mixed use area (LZ2))

Construction Site: Owner/Agent: Designer/Contractor:

Efficiency Packages

Description Credit

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts /	D Tradable Wattage	E Allowed Watts (B X C)
Ext Area (Pedestrian and vehicular entrances and exits)	4 ft of door	14	Yes	56
		Total Tradable Watts (a) =		56
		Base Site Allowance (b) =		400
		Total Allowed Watts =		56

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A base site allowance equal to 400 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
Ext Area (Pedestrian and vehicular entrances and exits, 4 ft of door width): Tradable Wattage	0	4	15	60
Fixture 1: Fixture 1: LED:				
		Total Tradable Proposed Watts =		60

Proposed Exterior Lighting Controls

Fixture	Lighting Control
Ext Area (Pedestrian and vehicular entrances and exits, 4 ft of door width): Tradable Wattage	Daylight Shutoff, Façade or Landscape
Fixture 1: Fixture 1: LED:	

Project Title: Aberdeen HS Ticket Booth Report date: 04/08/25
Data filename: Page 4 of 19

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor _{req}
Ext Wall:EAST WALL: Ext Wall:EAST WALL, Heat capacity 1.0, [Bldg. Use 1 - School/University] (b)	61	---	---	0.035	0.064
Door:Door: , Swinging, [Bldg. Use 1 - School/University]	20	---	---	0.071	0.370
WEST Ext Wall:WEST WALL: Ext Wall:WEST WALL, Heat capacity 1.0, [Bldg. Use 1 - School/University] (b)	61	---	---	0.035	0.064

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) 'Other' components require supporting documentation for proposed U-factors.
(c) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.

Envelope PASSES: Design 68% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2021 IECC requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

Project Title: Aberdeen HS Ticket Booth Report date: 04/08/25
Data filename: Page 2 of 19

Exterior Lighting PASSES: Design 87% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2021 IECC requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

Project Title: Aberdeen HS Ticket Booth Report date: 04/08/25
Data filename: Page 5 of 19

COMcheck Software Version COMcheckWeb
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: Aberdeen HS Ticket Booth
Project Type: Addition

Construction Site: Owner/Agent: Designer/Contractor:

Efficiency Packages

Description Credit

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts	
1-INSIDE (Retail/Sales Area)	64	1.05	67	
		Total Allowed Watts =		67

Proposed Interior Lighting Power

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-INSIDE (Retail/Sales Area)				
Fixture: Fixture: LED:	0	2	9	18
		Total Proposed Watts =		18

Proposed Interior Lighting Controls

Fixture	Lighting Control
1-INSIDE (Retail/Sales Area)	
Fixture: Fixture: LED:	Manual Control

Interior Lighting PASSES: Design 73% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2021 IECC requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

Project Title: Aberdeen HS Ticket Booth Report date: 04/08/25
Data filename: Page 3 of 19

COMcheck Software Version COMcheckWeb
Mechanical Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: Aberdeen HS Ticket Booth
Location: Aberdeen, Maryland
Climate Zone: 4a
Project Type: Addition

Construction Site: Owner/Agent: Designer/Contractor:

Efficiency Packages

Description Credit

Mechanical Systems List

Quantity	System Type & Description
1	AC (Single Zone): Cooling: 1 each - Room AC With Louvered Sides (Cooling Equip), Capacity = 12000 kBtu/h, No Economizer, Economizer exception: None Proposed Efficiency = 0.00 CEER, Required Efficiency = 9.00 CEER Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: Unspecified SYSTEM COMPLIANCE FAILS: PROPOSED EFFICIENCY FAILS TO MEET CODE REQUIREMENTS.
1	HEAT (Single Zone w/ PerimeterSystem): Heating: 1 each - Radiant Heater (BASEBOARD), Unknown, Capacity = 5118 kBtu/h No minimum efficiency requirement applies Fan System: Unspecified

Project Title: Aberdeen HS Ticket Booth Report date: 04/08/25
Data filename: Page 6 of 19

REVISIONS	DESCRIPTION
REV#	DATE

ARCHITECTS
ENGINEERS
PLANNERS
SURVEYORS
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www.fredrickward.com

FREDRICKWARD ASSOCIATES
P.O. Box 1727, 5 South Main Street, Bel Air, Maryland 21014

CLIENT:
HARFORD COUNTY PUBLIC SCHOOLS
102 SOUTH HICKORY AVENUE, BEL AIR, MD 21014

TICKET BOOTH COM-CHECK
HCPS ABERDEEN HIGH SCHOOL
TICKET BOOTH
251 PARADISE ROAD, ABERDEEN, MD 21001



I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NUMBER: 20121
EXPIRATION DATE: 03/30/2025

DATE: 04/08/2025	DRAWING NO.:
SCALE: AS NOTED	A5.3
DRAWN BY: RG	
CHECKED BY: BS	FWA JOB NUMBER 2241105.00