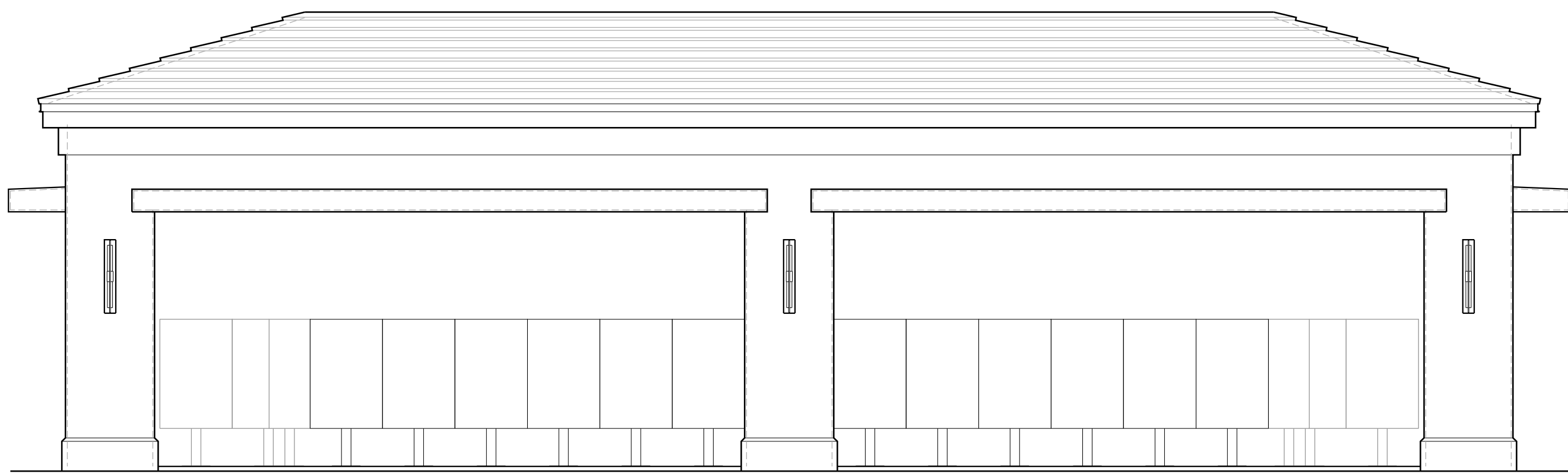


PROPOSED:

MAIL KIOSK FOR ASTOR CREEK

PORT ST. LUCIE, FLORIDA



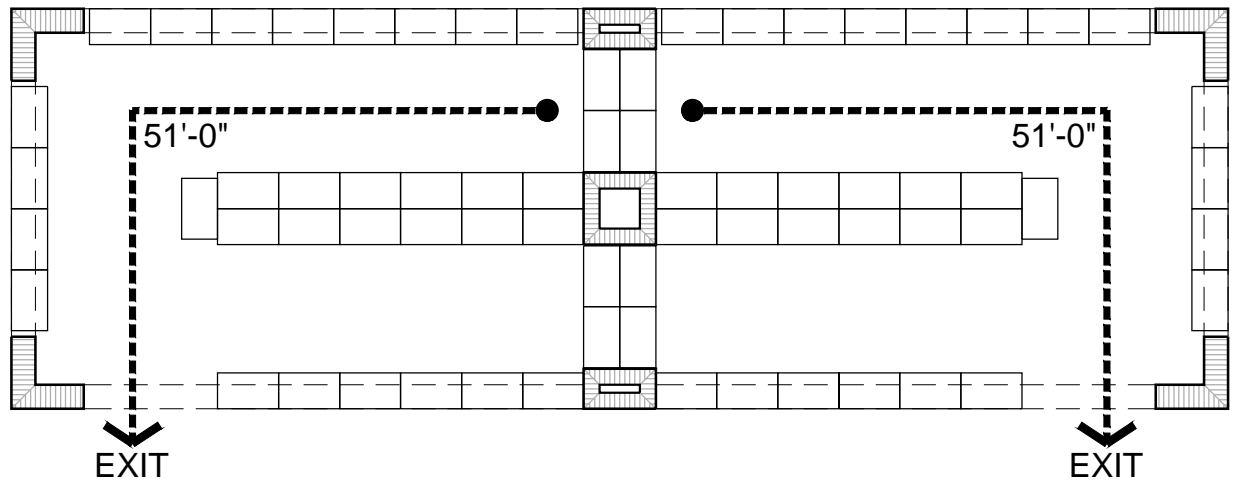
HUMPHREY - ROSAL ARCHITECTS, A.I.A., P.A.

STRUCTURAL ENGINEER:
SELECT STRUCTURAL

PLUMBING, MECHANICAL & ELECTRICAL ENGINEER:
OCI ASSOCIATES

TABLE 722.3.2 MINIMUM EQUIVALENT THICKNESS (inches) OF BEARING OR NONBEARING CONCRETE MASONRY WALLS ^{a,b,c,d}															
TYPE OF AGGREGATE	FIRE-RESISTANCE RATING (hours)														
	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4
Pumice or expanded slag	1.5	1.9	2.1	2.5	2.7	3.0	3.2	3.4	3.6	3.9	4.0	4.2	4.4	4.5	4.7
Expanded shale, clay or slate	1.8	2.2	2.6	2.9	3.3	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	4.9	5.1
Limestone, cinders or unexpanded slag	1.9	2.3	2.7	3.1	3.4	3.7	4.0	4.3	4.5	4.8	5.0	5.2	5.5	5.7	5.9
Calcareous or siliceous gravel	2.0	2.4	2.8	3.2	3.6	3.9	4.2	4.5	4.8	5.0	5.3	5.5	5.8	6.0	6.2

TABLE 721.1(2) RATED FIRE-RESISTANCE PERIODS FOR VARIOUS WALLS AND PARTITIONS ^{a, b, c, d}									
MATERIAL	ITEM NUMBER	CONSTRUCTION	MINIMUM FINISHED THICKNESS FACE-TO-FACE ^b (inches)				4 hours	3 hours	2 hours
			hours	hours	hours	hours			
1. Brick of clay or shale	1-1.1	Solid brick of clay or shale ^d	6	4.9	3.6	2.7			
	1-1.2	Hollow brick, not filled.	5.0	4.3	3.4	2.3			
	1-1.3	Hollow brick unit wall, grout or filled with perlite vermiculite or expanded shale aggregate.	6.6	5.5	4.4	3.0			
	1-2.1	4" nominal thick units not less than 75 percent solid backed with a flat-shaped metal furring channel; 1/2" thick formed from 0.021" sheet metal attached to the brick wall on 24" centers with approved fasteners, and 1/2" Type X gypsum wallboard attached to the metal furring strips with 1"-long Type S screws spaced 6" on center.	—	—	5 ^d	—			
2. Combination of clay brick and load-bearing hollow clay tile	2-1.1	4" solid brick and 4" tile (not less than 40 percent solid).	—	8	—	—			
	2-1.2	4" solid brick and 8" tile (not less than 40 percent solid).	12	—	—	—			
3. Concrete masonry units	3-1.1 ^{f, g}	Expanded slag or pumice.	4.7	4.0	3.2	2.1			
	3-1.2 ^{f, g}	Expanded clay, shale or slate.	5.1	4.4	3.6	2.6			
	3-1.3 ^f	Limestone, cinders or air-cooled slag	5.9	5.0	4.0	2.7			
	3-1.4 ^{f, g}	Calcareous or siliceous gravel	6.2	5.5	4.2	2.8			



LIFE SAFETY PLAN

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

FIRE PROTECTION PER FBC			
A. BUILDING CLASSIFICATION:		PER FBC SECTION 303: A-3 (ASSEMBLY)	
B. TYPE OF CONSTRUCTION:		PER FBC SECTION 602 TYPE III-B, UNPROTECTED, UNSPRINKLERED	
C. BUILDING INFORMATION (PER FBC TABLE 503):			
BUILDING HEIGHT	55'-0"	16'-4"	HIGHEST POINT
HEIGHT INCREASE PER 504.2	YES	NON REQUESTED	
AREA	9,500 S.F.	844 S.F.	-
AREA INCREASE PER 506	PERMITTED	NON REQUESTED	-
NUMBER OF STORIES	2	1	-
D. FIRE PROTECTION (PER FBC TABLE 601)			
COMPONENT	PERMITTED	PROPOSED	DESIGN #
STRUCTURAL FRAME	0	0	-
BEARING WALL (EXTERIOR)	2	2	PER FBC TABLE 721.3.2
BEARING WALL (INTERIOR)	0	0	-
NON-BEARING (EXTERIOR)	0	0	-
NON-BEARING (INTERIOR)	0	0	-
FLOOR CONSTRUCTION	0	0	-
ROOF CONSTRUCTION	0	-	-
E. FIRE PROTECTION (PER FBC TABLE 602)			
EXTERIOR WALLS			REMARKS
OVER 30 FT.	0	2	PER FBC TABLE 721.3.2

FIRE PROTECTION PER FFPC			
A. BUILDING CLASSIFICATION:		PER FFPC 101 CHAPTER 6: A-3 ASSEMBLY	
B. TYPE OF CONSTRUCTION:		PER FFPC 101 TABLE A.8.2.1.2 TYPE III - 200 UNPROTECTED, UNSPRINKLERED	
C. FIRE PROTECTION (PER FFPC A.8.2.1.2)			
COMPONENT	PERMITTED	PROPOSED	DESIGN #
BEARING WALL (EXTERIOR)	2	2	PER FBC T 721.3.2
BEARING WALL (INTERIOR)	0	0	-
NON-BEARING (EXTERIOR)	0	0	-
NON-BEARING (INTERIOR)	0	0	-
FLOOR CONSTRUCTION	0	-	-
ROOF CONSTRUCTION	0	0	-

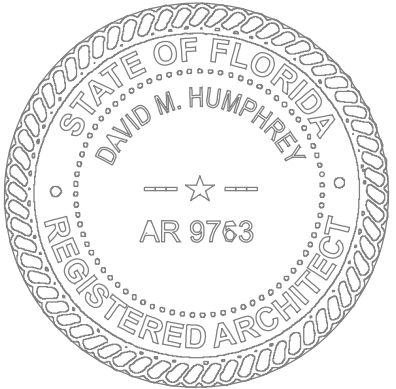
PROJECT DATA	
ASTOR CREEK REST SHELTER	
LOCATION:	
SECTION 32, TOWNSHIP 36 SOUTH, RANGE 39 EAST ST. LUCIE COUNTY, FLORIDA	
STREET ADDRESS:	
(NOT YET ASSIGNED) PORT ST. LUCIE, FLORIDA 34986	

INDEX OF DRAWINGS	
ISSUED: 4/25/2022	SHEET NO. DESCRIPTION
	ARCHITECTURAL
	● PD-01 DRAWING INDEX, PROJECT DATA, FIRE PROTECTION DATA
	● A-01 ARCHITECTURAL SITE PLAN, FLOOR PLAN, REFLECTED CEILING PLAN, AND ROOF PLAN
	● A-02 EXTERIOR ELEVATIONS, BUILDING SECTIONS, WALL SECTION
	STRUCTURAL
	● S-01 GENERAL NOTES
	● S-02 STRUCTURAL PLANS
	● S-03 STRUCTURAL DETAILS
	ELECTRICAL
	● E-001 SYMBOL LEGEND, GENERAL NOTES & DRAWING INDEX - ELECTRICAL
	● E-101 FLOOR PLANS - ELECTRICAL
	● E-601 PANELBOARD SCHEDULES, POWER RISER DIAGRAM & SPECIFICATIONS

EXTERIOR CLADDING STATE OF FLORIDA PRODUCT APPROVALS										
CATEGORY	DESCRIPTION	MANUFACTURER	FL STATE APPROVAL NO.	MODEL No AND NAME	APP STATUS	CODE VERSION	EXP DATE	HVHZ	IMPACT RATED	WIND PRESSURES
ROOF	UNDERLAYMENT	CERTAINTED	2533.1	"FLINTLASTIC"	APPROVED	2020	09/15/2023	NY	N/A	N/A
	CONCRETE TILES	BORAL ROOFING	7849.19	"SAXONY 900 SLATE" FLAT TILE	APPROVED	2020	12/31/2025	YY	N/A	N/A

DRAWING COORDINATION	
THESE DRAWINGS SHALL BE USED IN COORDINATION WITH ALL CONTRACT DOCUMENTS, INCLUDED BUT NOT LIMITED TO:	
PROJECT MANUAL	BY HUMPHREY ROSAL ARCHITECTS
STRUCTURAL DRAWINGS	BY SELECT STRUCTURAL
MEP DRAWINGS	BY OCI ASSOCIATES
CIVIL DRAWINGS	BY THOMAS ENGINEERING GROUP
LANDSCAPE DRAWINGS	BY COTLEUR & HEARING
THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND COORDINATION OF OWNER PROVIDED VENDOR EQUIPMENT.	

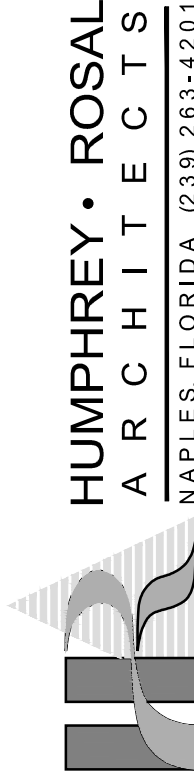
CODE REFERENCES	
I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE, THE PROPOSED STRUCTURE HAS BEEN DESIGNED IN STRICT ACCORDANCE WITH:	
Florida Building Code (7TH EDITION)	
Florida Existing Building Code (7TH EDITION)	
Florida Building Code / Accessibility (7TH EDITION)	
Florida Plumbing Code (7TH EDITION)	
Florida Mechanical Code (7TH EDITION)	
Florida Fuel Gas Code (7TH EDITION)	
Florida Energy Conservation Code 7TH EDITION)	
2017 National Electrical Code (NFPA 70)	
2003-01 Building Construction Administrative Code Ordinance and Florida Statutes	
Florida Fire Prevention Code (FFPC 7th EDITION)	
DAVID M. HUMPHREY	FLORIDA REG. NO. 9763



MAIL KIOSK - ASTOR CREEK

ISSUED FOR PERMIT: APRIL 25, 2022

HUMPHREY • ROSAL
ARCHITECTS



Sheet No.

PD-01

ARCHITECTURAL SITE PLAN

SCALE: 1" = 20'-0"

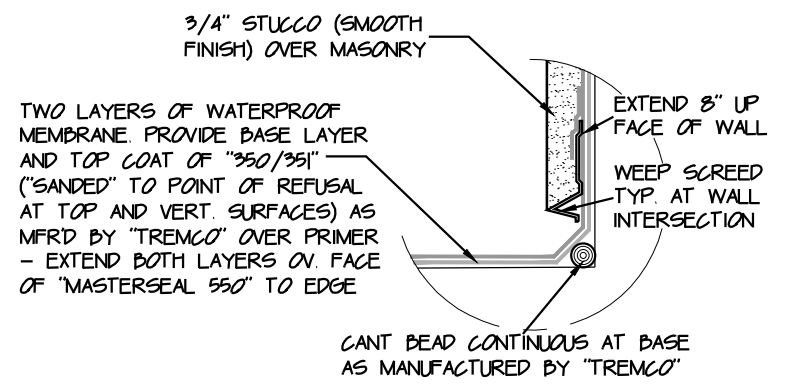
SITE PLAN NOTES

- 1- COORDINATE THIS DRAWING WITH CIVIL DRAWINGS PREPARED BY "COTLEUR & HEARING"
- 2- REFER TO CIVIL DRAWINGS FOR ALL ASPECTS OF SITE IMPROVEMENTS INCLUDING PROPOSED SITE INFRASTRUCTURE, SITE GRADING, PAVING, CURBING, DRAINAGE AND OTHER PERTINENT SITE INFORMATION
- 3- AREAS FOR STRUCTURE ARE IDENTIFIED

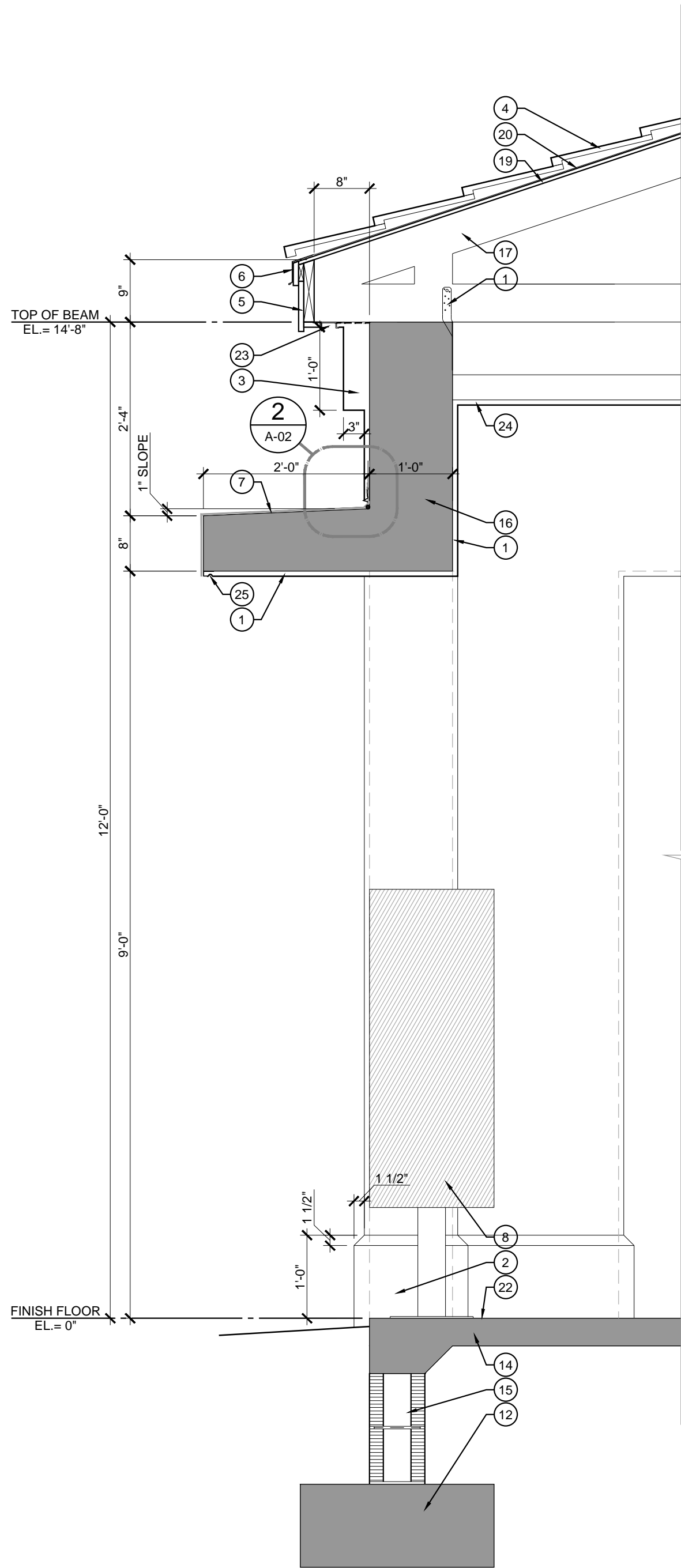
OVERALL BUILDING FOOTPRINT

*GROSS SQUARE FOOTAGE IS MEASURED FROM OUTSIDE FACE OF EXTERIOR BLOCK WALL THROUGHOUT INCLUDING OUTSIDE FACE OF TIE BEAM AT COVERED AREAS.

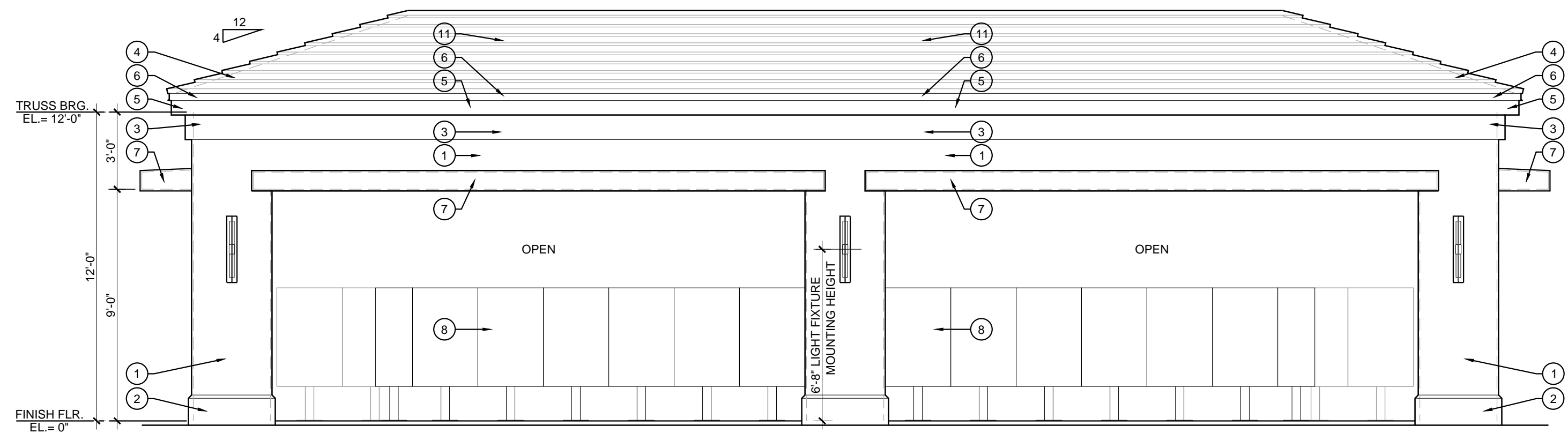
No.	DESCRIPTION
1	3/4" STUCCO (SMOOTH FINISH) ON PAPER-BACKED SELF FURRING GALVANIZED METAL LATH SCREWED TO METAL FRAMING AT 16" O.C. MAX. SUSPENDED FROM STRUCTURE ABOVE WITH VERTICAL SUPPORTS TO TRUSSES @ 48" O.C. MAX.



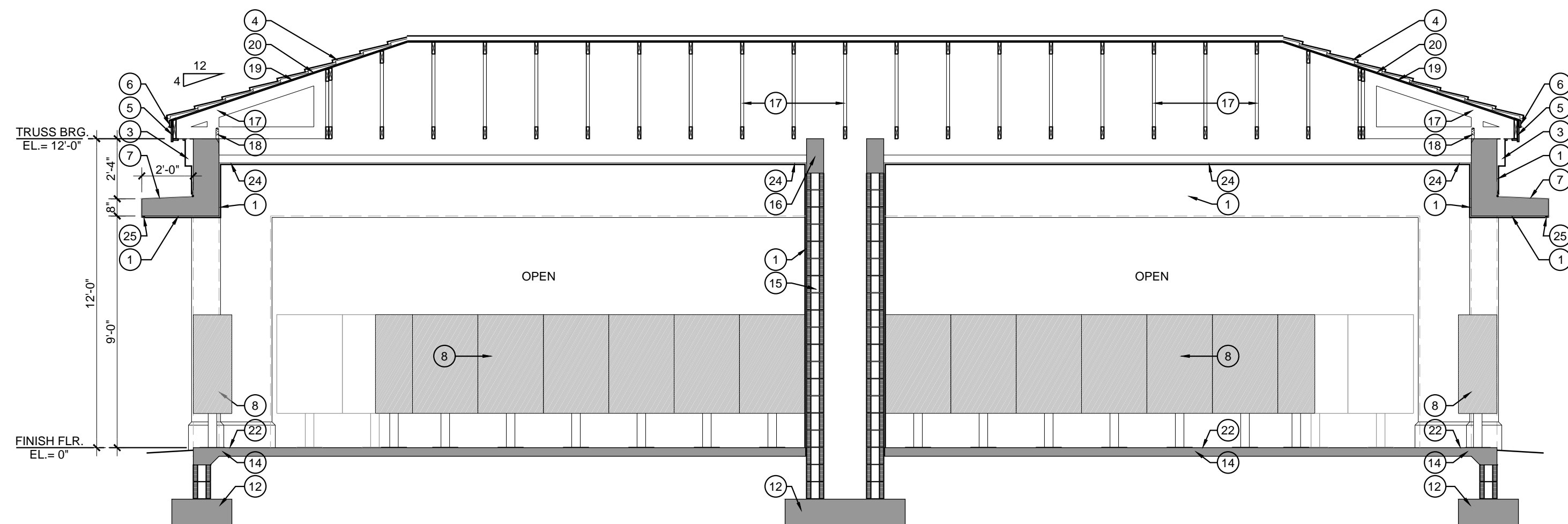
WATERPROOFING AT OVERHANG DETAIL **2**
SCALE: 3" = 1'-0"
A-02



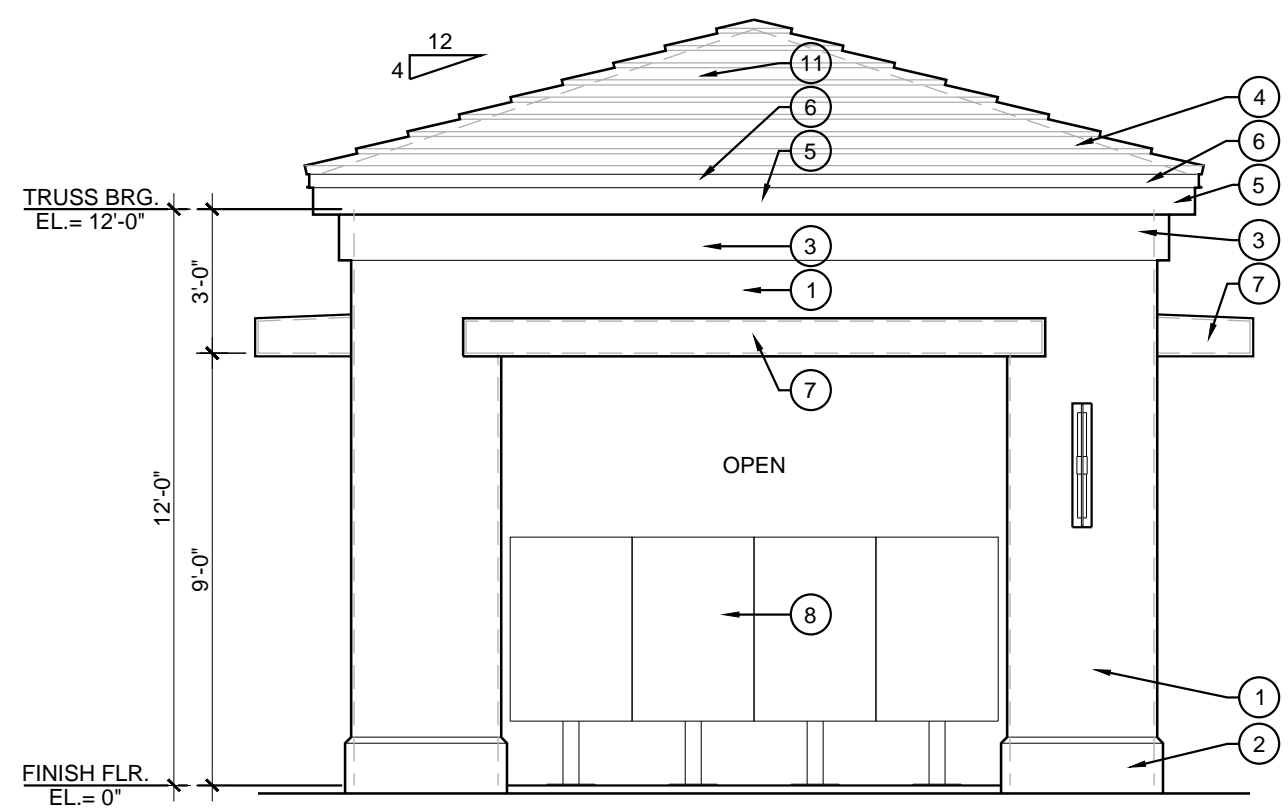
WALL SECTION **1**
SCALE: 3/4" = 1'-0"
A-02



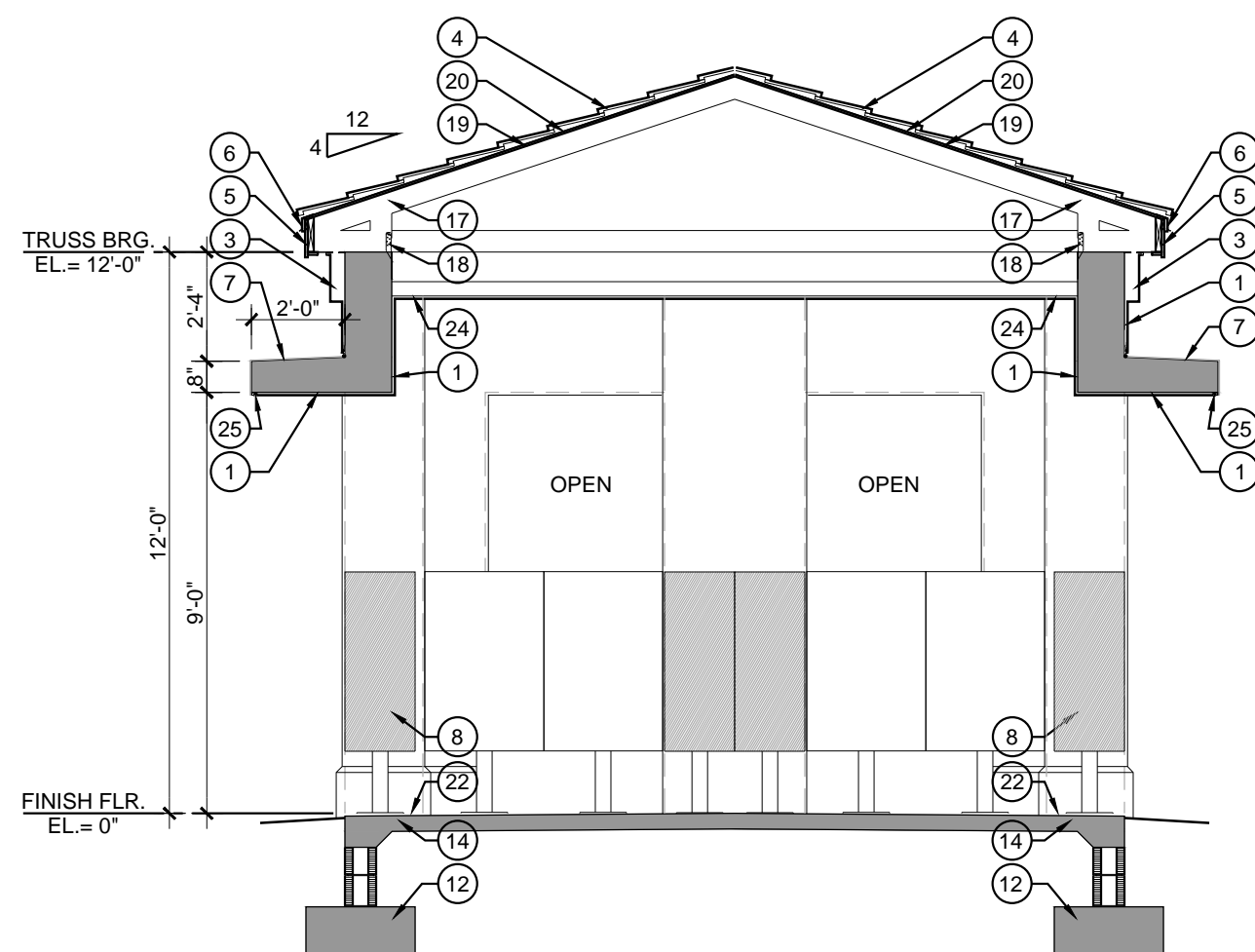
FRONT ELEVATION
SCALE: 1/4" = 1'-0"



BUILDING SECTION **A**
SCALE: 1/4" = 1'-0"
A-02



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



BUILDING SECTION **B**
SCALE: 1/4" = 1'-0"
A-02

MATERIALS LEGEND

- 1) STUCCO 3/4" THICK OVER CONCRETE OR CONCRETE MASONRY CONSTRUCTION. IN GROUT (SAND) FINISH USE 1.0" BANDING AGENT OVER CAST CONCRETE SURFACES LATH (8" WIDE BAND AT) ALL MASONRY TO CONCRETE TRANSITIONS
- 2) STUCCO BASE: SMOOTH (SAND FINISH) STUCCO IN PROFILE AS SHOWN - SEE WALL SECTION
- 3) STUCCO CORNICE: SMOOTH (SAND) FINISH STUCCO IN PROFILES AS SHOWN - SEE WALL SECTION
- 4) CONCRETE ROOF: TILES FLAT CONCRETE ROOF TILES OVER PLASTIC/PEL AND STUCC SMOOTH MODIFIED BITUMEN SINGLE PLY UNDERLAYMENT OVER PLYWOOD SHEATHING
- 5) FASCIA 1x4 (S4S) CEDAR FASCIA WITH 1/2" MIN LAP OVER 1x8 (S4S) CEDAR FASCIA OVER 2x SURFACING - SEE SECTIONS
- 6) DRAIN EDGE FLASHING: METAL SWAP-ON FLASHING AND GLEAT
- 7) WATERPROOF MEMBRANE: AT TOP AND VERTICAL SURFACES (S4S) OF CAST-IN-PLACE CONCRETE OVERLAP - TWO LAYERS OF WATERPROOF MEMBRANE - SEE DETAIL 1/A-02
- 8) WALL SINK UNITS: TYPE "CUT" CLUSTER BOX UNITS BY ONIGHT INDUSTRIES
- 9) TRUSS (10) RESERVED - NOT USED
- 11) ENGINEERED FILL: CLEAN, COHESIONLESS SAND FILL, INSTALLED AND COMPACTED PER GEOTECHNICAL ENGINEER RECOMMENDATIONS
- 12) FOUNDATION: REINFORCED CAST-IN-PLACE FOUNDATION SEE STRUCTURAL DRAWINGS FOR COMPLETE DETAILS
- 13) JOINT FILLER: LIGHTWEIGHT FLEXIBLE/COMPRESSIBLE EXPANSION JOINT FILLER AS BY POLYFOM OR APPROVED EQ
- 14) SLAB ON GRADE: 4" CONCRETE SLAB WITH 4x6 WELDED WIRE FABRIC AT MID HEIGHT OVER 6 MIL VULCANIZED VAPOR BARRIER - SEE STRUCTURAL DRAWINGS
- 15) MASONRY: 8" TYP (OR 12" WHERE CALLED OUT) CMU WALL REINFORCED (PER STRUCTURAL DRAWINGS) WITH #6 BARS IN GROUT FILLED CELLS AT 32" OC MAX AND WITH DOWNWALL HORIZONTAL REINFORCEMENT EACH ALTERNATE COURSE UNDO
- 16) BEAM: REINFORCED CONCRETE SEE STRUCTURAL DRAWINGS FOR SIZE AND REINFORCING
- 17) TRUSSES: PRE-ENGINEERED WOOD AT 14" OC MAX. PROVIDE WITH ALL CONNECTORS/CLIPS AS NECESSARY TO WITHSTAND WIND PRESSURES PROVIDED BY THE STRUCTURAL ENGINEER FOR 150 MPH WINDS PER FBC REQUIREMENTS. REFER TO WALL SECTIONS FOR TRUSS OVERHANG/PEEL DIMENSIONS
- 18) TERRACANE STRAP: STRAP OR TIE DOWN AT EACH TRUSS - SEE STRUCTURAL AND TRUSS DRAWINGS FOR SIZE AND TYPE
- 19) ROOF SHEATHING: EXTERIOR GRADE PLYWOOD ROOF SHEATHING SEE STRUCTURAL DRAWINGS FOR REQUIRED SPAN RATING AND THICKNESS
- 20) ROOF UNDERLAYMENT: PLASTIC/PEL AND STUCC GRANULATED MODIFIED BITUMEN SINGLE PLY MEMBRANE
- 21) GUTTER: 4" K-STYLE ALUMINUM RAIN GUTTER - COLOR TO BE SELECTED BY ARCHITECT
- 22) FLOOR FINISHES: SEE ROOM FINISH SCHEDULE FOR FLOOR FINISHES CONTRACTOR SHALL COORDINATE SLAB RECESS REQUIREMENTS ACCORDING TO FINISH MATERIAL
- 23) SCOTCH VENT: CONTINUOUS 1" WIDE PVC VENT
- 24) STUCCO CORNICE: 3/4" STUCCO (SMOOTH FINISH) ON PAPER-FACED SELF-FUSING GALVANIZED METAL LATH SCREWED TO METAL FRAMING AT 16" OC MAX SUSPENDED FROM STRUCTURE ABOVE WITH VERTICAL SUPPORTS TO TRUSSES @ 48" OC MAX
- 25) TOGGED DRIP: TOGGED DRIP EDGE IN STUCCO

HUMPHREY • ROSAL
ARCHITECTS
3300 1ST. NORTH
SUITE 1100
NAPLES, FLORIDA 34103
TEL: (239) 435-4451
FAX: (239) 435-4451
dhumphrey@humphreysosal.com

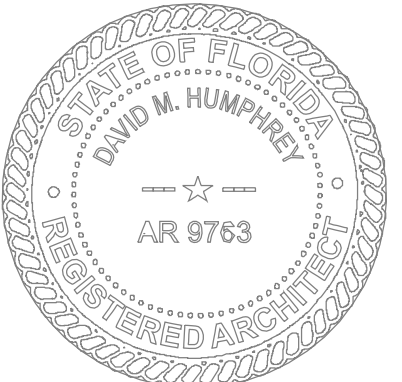
DRAWN: 04/25/2022
DATE:
REVISIONS:

PROPOSED STRUCTURE:
MAIL KIOSK
AT ASTOR CREEK
PALM BEACH COUNTY, FLORIDA

EXTERIOR ELEVATIONS
BUILDING SECTIONS
WALL SECTION

SHEET No.
A-02

I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE, THE PROPOSED STRUCTURE HAS BEEN DESIGNED IN STRICT ACCORDANCE WITH THE FLORIDA BUILDING CODE, 6TH EDITION, FLORIDA STATE BUILDING CODE, 6TH EDITION, 2002-01 BUILDING CONSTRUCTION ADMINISTRATIVE CODE ORDINANCE, AND FLORIDA STATUTES.



DAVID M. HUMPHREY
FLORIDA REG. NO. 9763