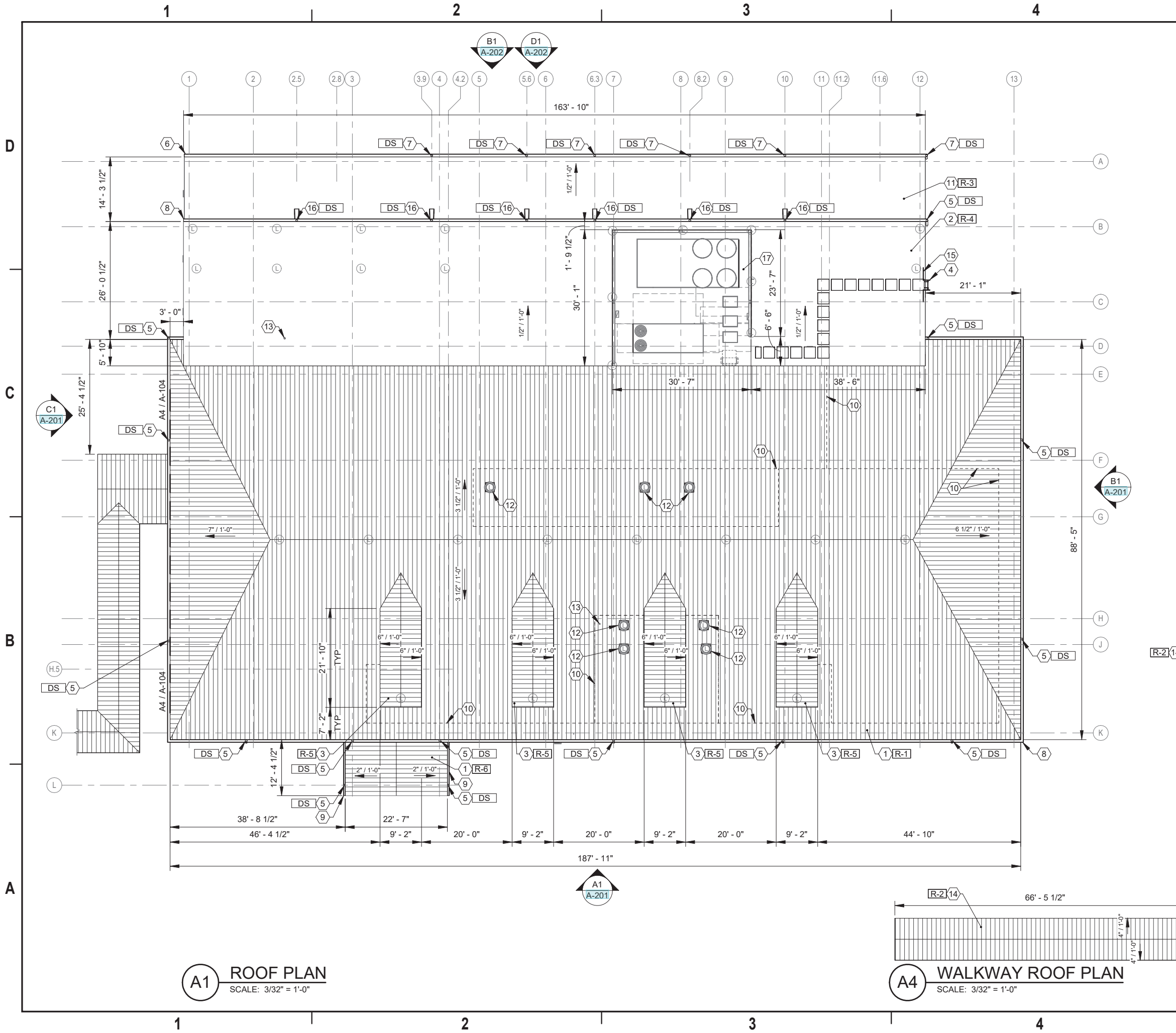
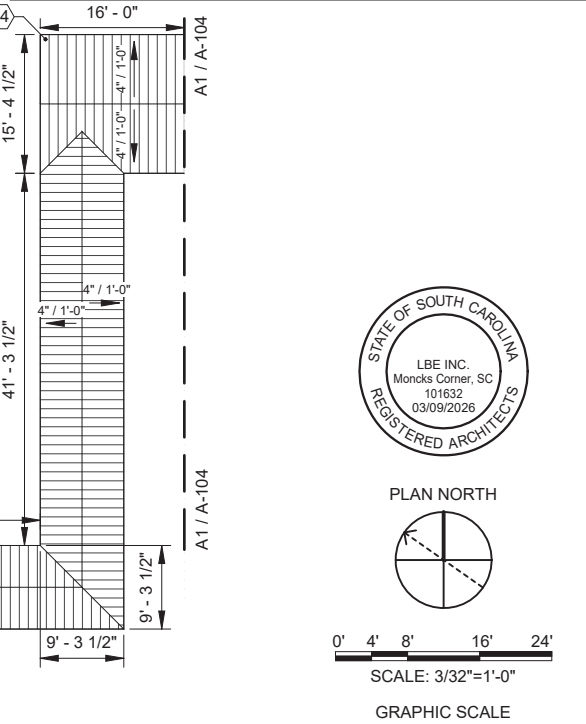




- ### GENERAL NOTES
- ELECTRICAL, MECHANICAL, AND PLUMBING COMPONENTS, AND STRUCTURAL SYSTEMS SHOWN FOR REFERENCE ONLY. SEE DISCIPLINE SPECIFIC DWGS FOR DETAILS.
 - PROVIDE WALKWAY CANOPY CONNECTING TRADITIONS TO (E) FOUR WINDS. THE WALKWAY CANOPY IS SHOWN FOR LOCATION AND COORDINATION ONLY. FINAL STRUCTURAL BEARING, LATERAL BRACING, AND ENVELOPE TIE-IN TO THE (E) FOUR WINDS ARE NOT INCLUDED IN THIS DESIGN PACKAGE. NO LOAD TRANSFER TO THE EXISTING BUILDING IS ASSUMED IN THESE DOCUMENTS. FINAL CONNECTION DESIGN MUST BE DETERMINED AT THE TIME OF CONSTRUCTION IN COORDINATION WITH MCCS AND THE GOVERNMENT UNDER A SEPARATE EFFORT.
- ### KEYNOTES
- PROVIDE STANDING SEAM METAL ROOF SYSTEM. SEE A-508 FOR DETAILS.
 - PROVIDE TPO ROOFING. SEE B1/A-508 FOR DETAIL.
 - PROVIDE STANDING SEAM METAL ROOF SYSTEM FOR FALSE DORMERS. SEE C3/A-512 FOR DETAIL.
 - PROVIDE FIXED ROOF LADDER SYSTEM AND HARDWARE AS REQUIRED. SEE A-520 FOR DETAILS.
 - PROVIDE 4" DIAMETER ROUND DOWNSPOUT. PROVIDE SPLASH BLOCK AT GRADE WHERE DOWNSPOUT DISCHARGES.
 - PROVIDE 6" X 8" GUTTER. SEE A1/A-511 FOR DETAILS.
 - PROVIDE 5" DIAMETER ROUND DOWNSPOUT. PROVIDE SPLASH BLOCK AT GRADE WHERE DOWNSPOUT DISCHARGES.
 - PROVIDE 5.5" X 7" GUTTER. SEE A2/A-511 FOR DETAILS.
 - PROVIDE 5" X 6.5" GUTTER. SEE A2/A-511 FOR DETAILS.
 - PROVIDE FALL PROTECTION AS NEEDED FOR EQUIPMENT REQUIRING MAINTENANCE. SEE C1/A-509 FOR ANCHOR DETAIL. PROVIDE SHOP DRAWINGS FOR FALL PROTECTION SYSTEM AND ANCHORAGE LOCATIONS. COORDINATE STRUCTURAL FRAMING AS REQUIRED.
 - PROVIDE TPO ROOFING SYSTEM. SEE B3/A-508 FOR DETAIL.
 - PROVIDE EQUIPMENT CURB AND FLASHING. SEE C3/A-509 FOR DETAIL.
 - PROVIDE FLASHING ON ROOF PENETRATIONS. SEE A1/A-509 FOR DETAIL.
 - PROVIDE PREFABRICATED STANDING SEAM METAL CANOPY OVER WALKWAY. BASIS OF DESIGN IS TENNESSEE VALLEY METALS, INC. SERIES 1500 GABLED WALKWAY. CANOPY CONNECTION TO (E) FOUR WINDS NOT INCLUDED IN SCOPE. FINAL CONNECTION DESIGN MUST BE FIELD COORDINATED WITH THE GOVERNMENT UNDER SEPARATE EFFORT. FINAL COLUMN SIZE AND LOCATIONS TO BE DETERMINED BY MANUFACTURER. COLUMNS MUST BE ENCASED IN BRICK UP TO 42" AFF. SEE D3/A-508, A-518, AND STRUCTURAL DWGS FOR DETAILS.
 - PROVIDE FALL PROTECTION GUARDRAIL AS REQUIRED TO BOTH SIDES OF ROOF ACCESS LADDER.
 - PROVIDE 4" DIAMETER ROUND DOWNSPOUT. PROVIDE A SPLASH PAN ON ROOF WHERE DOWNSPOUT DISCHARGES WATER ONTO TPO ROOF.
 - PROVIDE SOUND ATTENUATION BELOW EQUIPMENT ENCLOSURE IN CONFERENCE ROOM. SEE C1/A-510 FOR DETAIL.



SYN	DESCRIPTION	DATE	APPR
		MAR 2026	



LBE Inc.
105 N. Highway 52,
Moncks Corner, SC 29461

FOR COMMANDER NAVFAC	ACTIVITY	SATISFACTORY TO DATE
		DES LHD DRW LHD CHK DSH
		PMOM
		BRANCH MANAGER
		CHIEF ENGINEER
		FIRE PROTECTION

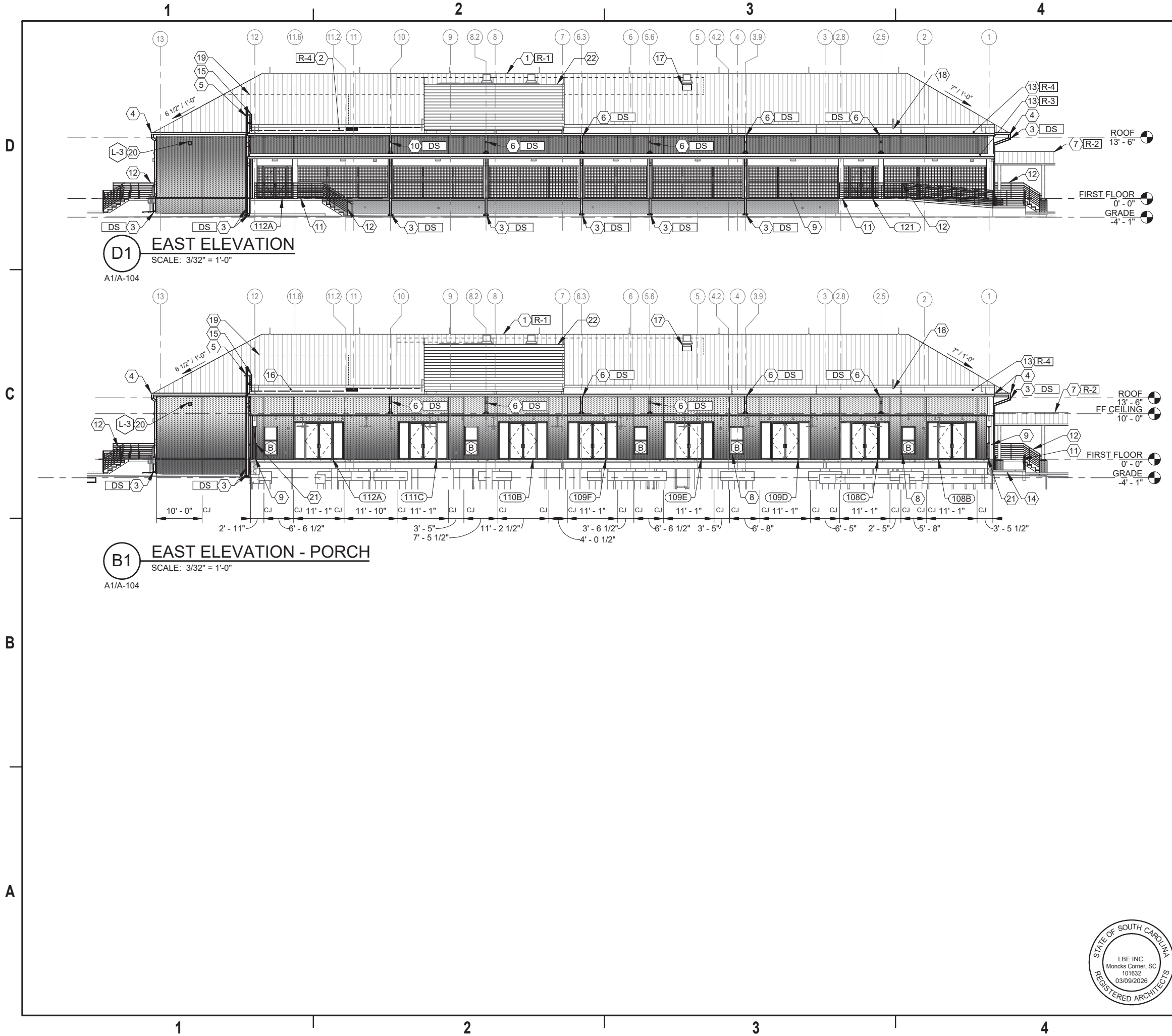
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC MID-ATLANTIC
NAVFAC MID-ATLANTIC
PARRIS ISLAND, SC
MCRD PI

N485 TRADITIONS ALL HANDS CLUB

ROOF PLANS

SCALE:	AS NOTED
PROJECT NO.:	H0724-E-1001
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	41 OF 172
A-104	

DESIGN PACKAGE 2 - IFC DESIGN SUBMITTAL (ISSUED FOR CONSTRUCTION)



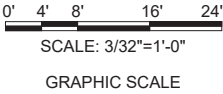
GENERAL NOTES

- ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING COMPONENTS, AND STRUCTURAL SYSTEMS SHOWN FOR REFERENCE ONLY. SEE DISCIPLINE SPECIFIC DWGS FOR DETAILS.
- PROVIDE STEEL STUD EXTERIOR WALLS WITH RED BRICK VENEER, GLAZING AND/OR STOREFRONT SYSTEMS, INSULATION, INTERIOR WALL FINISH, AND WALL BASE. PROVIDE ENGAGED PILASTERS ON WEST ELEVATION.

PROVIDE STEEL STUD FALSE DORMER WALLS WITH CEMENT LAP SIDING. SEE A-503 FOR WALL TYPES DETAILS.
- THE FIRST FLOOR FINISH ELEVATION MUST BE CONSTRUCTED A MINIMUM OF + 2' BASE FLOOD ELEVATION.
- B1/A-202 EAST ELEVATION HAS BEEN PROVIDED WITHOUT SCREEN PORCH FOR CLARITY.
- D1/A-202 EAST ELEVATION HAS BEEN PROVIDED WITHOUT CONTROL JOINT DIMENSIONS AND LABEL FOR CLARITY. SEE B1/A-202 FOR ELEVATION'S CONTROL JOINT DIMENSIONS AND LABEL.
- PROVIDE BRICKWORK VERTICAL CONTROL JOINTS EVERY 20 FEET MAXIMUM. PROVIDE CONTROL JOINTS IN LOCATIONS IN ACCORDANCE WITH BIA TECH NOTE 18A. PROVIDE BRICKWORK HORIZONTAL CONTROL JOINT BELOW SHELF ANGLE SUPPORTING ROWLOCK BRICK SILL IN ACCORDANCE WITH BIA TECH NOTE 18A.

KEYNOTES

- PROVIDE STANDING SEAM METAL ROOF SYSTEM. SEE A-508 FOR DETAILS.
- PROVIDE TPO FLAT ROOF SYSTEM FOR ROOF TOP MECHANICAL UNITS. SEE B1/A-508 AND STRUCTURAL DWGS FOR DETAILS.
- PROVIDE ROUND DOWNSPOUT. SEE A-104 FOR SIZING. PROVIDE SPLASH BLOCK AT GRADE WHERE DOWNSPOUT DISCHARGES.
- PROVIDE GUTTER SYSTEM. SEE A-104 FOR SIZING. SEE A1/A-511 AND A2/A-511 FOR DETAILS.
- PROVIDE FIXED ROOF LADDER SYSTEM AND HARDWARE AS REQUIRED. SEE A-520 FOR DETAILS.
- PROVIDE 4" DIAMETER ROUND DOWNSPOUT. PROVIDE A SPLASH PAN ON ROOF WHERE DOWNSPOUT DISCHARGES WATER ONTO TPO ROOF.
- PROVIDE PREFABRICATED STANDING SEAM METAL CANOPY OVER WALKWAY. BASIS OF DESIGN IS TENNESSEE VALLEY METALS, INC. SERIES 1500 GABLED WALKWAY. CANOPY CONNECTION TO (E)FOUR WINDS NOT INCLUDED IN SCOPE. FINAL CONNECTION DESIGN MUST BE FIELD COORDINATED WITH THE GOVERNMENT UNDER SEPARATE EFFORT. FINAL COLUMN SIZE AND LOCATIONS TO BE DETERMINED BY MANUFACTURER. COLUMNS MUST BE ENCASED IN BRICK UP TO 42" AFF. SEE D3/A-508, A-518, AND STRUCTURAL DWGS FOR DETAILS.
- PROVIDE WINDOW, WINDOW FRAME, AND HARDWARE. SEE A-606 FOR DETAILS AND SCHEDULE.
- PROVIDE SCREEN WALL FOR SCREENED IN PORCH.
- PROVIDE 4" DIAMETER ROUND DOWNSPOUT. PROVIDE SPLASH BLOCK AT GRADE WHERE DOWNSPOUT DISCHARGES.
- ADA/ABA COMPLIANT RAMPS AND LANDINGS MUST BE PROVIDED AS PART OF DP1. SEE CIVIL DWGS FOR DETAILS.
- PROVIDE ABA COMPLIANT HANDRAIL AND GUARDRAIL. SEE A-513, A-514, AND A-515 FOR RAILING DETAILS.
- PROVIDE TPO ROOFING. SEE B1/A-508 FOR DETAIL.
- PROVIDE ADA/ABA COMPLIANT RAMP SYSTEM.
- PROVIDE FALL PROTECTION GUARDRAIL AS REQUIRED TO BOTH SIDES OF ROOF ACCESS LADDER.
- PROVIDE MIN 24" WIDE ACCESS WALK PAD FROM LADDER TO ROOF TOP MECHANICAL UNITS.
- PROVIDE EQUIPMENT CURB AND FLASHING. SEE C3/A-509 FOR DETAIL.
- PROVIDE FLASHING ON ROOF PENETRATIONS. SEE A1/A-509 FOR DETAIL.
- PROVIDE FALL PROTECTION AS NEEDED FOR EQUIPMENT REQUIRING MAINTENANCE. SEE C1/A-509 FOR ANCHOR DETAIL. PROVIDE SHOP DRAWINGS FOR FALL PROTECTION SYSTEM AND ANCHORAGE LOCATIONS. COORDINATE STRUCTURAL FRAMING AS REQUIRED.
- PROVIDE LOUVER. SEE A-606 FOR LOUVER SCHEDULE AND DETAILS.
- PROVIDE ABA COMPLIANT GUARDRAIL. SEE A-513, A-514, AND A-515 FOR RAILING DETAILS.
- PROVIDE HVAC LOUVERED WALL SCREENS TO CONCEAL MECHANICAL ROOF EQUIPMENT. SEE A1/A-510 FOR DETAIL.



APPR	DATE	DESCRIPTION	SYN
	MAR 2026	DP 2 - IFC DESIGN SUBMITTAL	

HALL
Summerville, SC
11070
03/09/2026
REGISTERED ARCHITECT

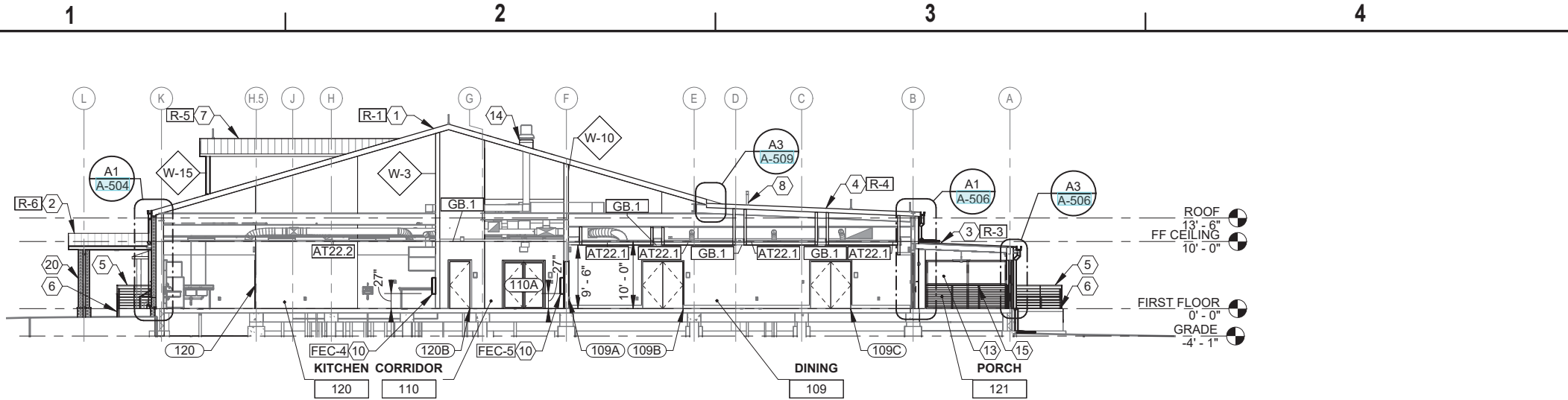
LBE, Inc.
105 N. Highway 52,
Moncks Corner, SC 29461
AR INFO

APPROVED	FOR COMMANDER NAVFAC
ACTIVITY	
SATISFACTORY TO DATE	
DES LHD	DRW LHD
PMOM	
BRANCH MANAGER	
CHIEF ENGINEER	
FIRE PROTECTION	

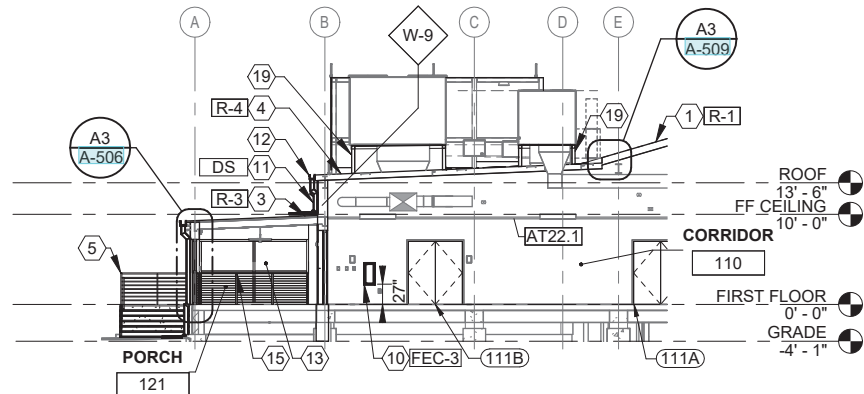
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVFAC MID-ATLANTIC
NAVFAC PARRIS ISLAND, SC
MCRD PI
N485 TRADITIONS ALL HANDS CLUB
EXTERIOR ELEVATIONS

SCALE: AS NOTED
EPROJECT NO.:
CONSTR. CONTR. NO.:
NAVFAC DRAWING NO.:
SHEET 43 OF 172
A-202

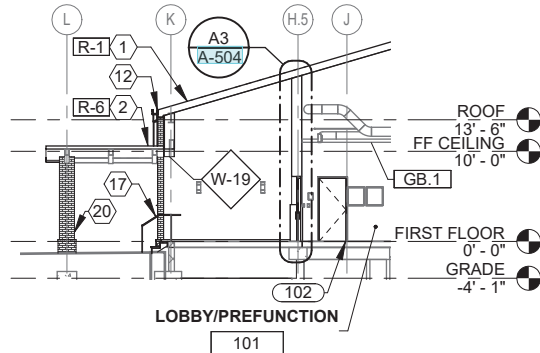
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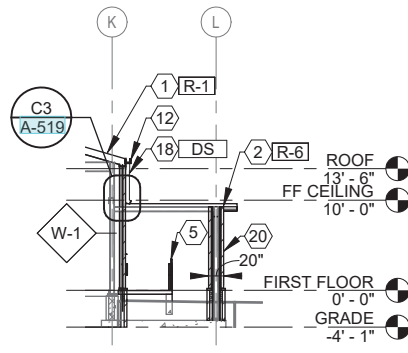
C1 TRANSVERSE SECTION
SCALE: 3/32" = 1'-0"
A1/A-101



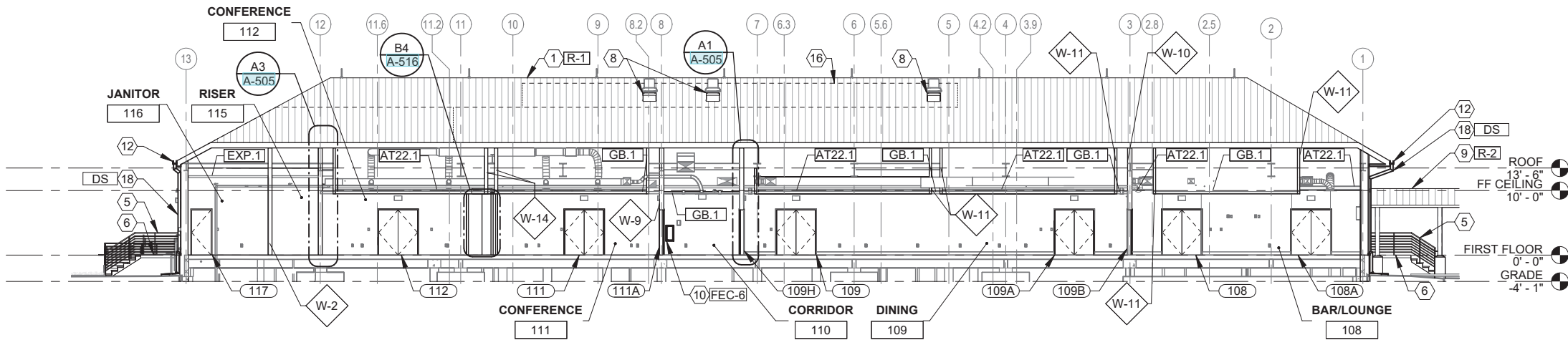
B1 MECHANICAL ROOF SECTION
SCALE: 3/32" = 1'-0"
A1/A-101



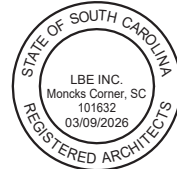
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SCALE: 3/32" = 1'-0"
A1/A-101



B3 MAIN ENTRY CANOPY SECTION
SCALE: 3/32" = 1'-0"
A1/A-101



A1 DINING AREAS/CONFERENCE LONGITUDINAL SECTION
SCALE: 3/32" = 1'-0"
A1/A-101



GENERAL NOTES

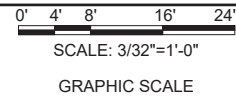
- ELECTRICAL, FIRE PROTECTION, INTERIOR, MECHANICAL, AND PLUMBING COMPONENTS, AND STRUCTURAL SYSTEMS SHOWN FOR REFERENCE ONLY. SEE DISCIPLINE SPECIFIC DWGS FOR DETAILS.
- PROVIDE STEEL STUD EXTERIOR WALLS WITH RED BRICK VENEER, GLAZING AND/OR STOREFRONT SYSTEMS, INSULATION, INTERIOR WALL FINISH, AND WALL BASE. PROVIDE ENGAGED PILASTERS ON WEST ELEVATION.

PROVIDE STEEL STUD FALSE DORMER WALLS WITH CEMENT LAP SIDING.

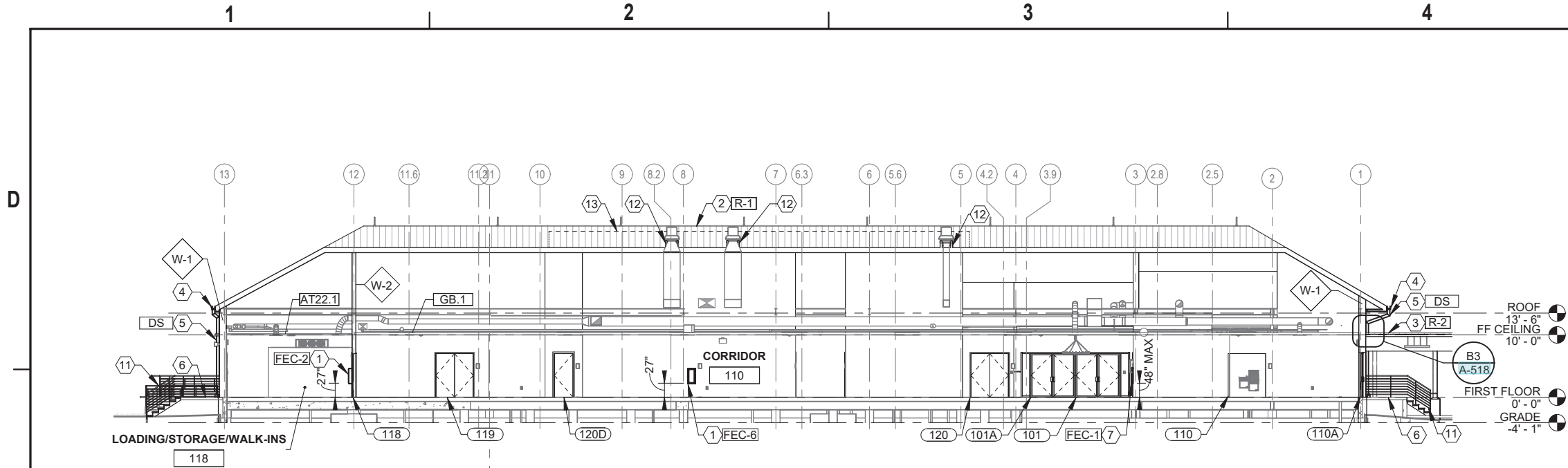
PROVIDE METAL STUD AND GWB INTERIOR WALLS. SEE A-503 FOR WALL TYPES DETAILS.
- THE FIRST FLOOR FINISH ELEVATION WILL BE CONSTRUCTED A MINIMUM OF + 2' BASE FLOOD ELEVATION.
- SEE INTERIOR DWGS FOR KITCHEN AND BAR LAYOUT, EQUIPMENT LEGEND, ROOM/INTERIOR FINISH SCHEDULE, TOILET ACCESSORY SCHEDULE, INTERIOR SIGNAGE, AND DETAILS.
- SEE A-605 FOR EXTERIOR FINISH SCHEDULE AND A-504, A-506 FOR DETAILS.
- SLOPE THE CONCRETE SLAB AT PORCH AS REQUIRED FOR PROPER DRAINAGE TO PREVENT STANDING WATER. PROVIDE A MAX SLOPE OF 2% BEGINNING AT THE OUTER FACE OF THE SCREEN WALL OF THE PORCH TO FACILITATE DRAINAGE AND PREVENT PONDING. THE PRIMARY WALKING AND SEATING AREAS WILL BE FLAT. SEE C4/A-501 FOR DETAIL.

KEYNOTES

- PROVIDE STANDING SEAM METAL ROOF SYSTEM. SEE A-508 FOR DETAILS.
- PROVIDE STANDING SEAM METAL ROOF SYSTEM FOR ENTRY CANOPY. SEE A-508 FOR DETAILS.
- PROVIDE TPO ROOFING SYSTEM. SEE B3/A-508 FOR DETAIL.
- PROVIDE TPO FLAT ROOF SYSTEM FOR ROOF TOP MECHANICAL UNITS. SEE B1/A-508 AND STRUCTURAL DWGS FOR DETAILS.
- PROVIDE ABA COMPLIANT HANDRAIL AND GUARDRAIL. SEE A-513, A-514, AND A-515 FOR RAILING DETAILS.
- ADA/ABA COMPLIANT RAMPS AND LANDINGS MUST BE PROVIDED AS PART OF DP1. SEE CIVIL DWGS FOR DETAILS.
- PROVIDE STANDING SEAM METAL ROOF SYSTEM FOR FALSE DORMERS. SEE C3/A-512 FOR DETAIL.
- PROVIDE FLASHING ON ROOF PENETRATIONS. SEE A1/A-509 FOR DETAIL.
- PROVIDE PREFABRICATED STANDING SEAM METAL CANOPY OVER WALKWAY. BASIS OF DESIGN IS TENNESSEE VALLEY METALS, INC. SERIES 1500 GABLED WALKWAY. CANOPY CONNECTION TO (E)FOUR WINDS NOT INCLUDED IN SCOPE. FINAL CONNECTION DESIGN MUST BE FIELD COORDINATED WITH THE GOVERNMENT UNDER SEPARATE EFFORT. FINAL COLUMN SIZE AND LOCATIONS TO BE DETERMINED BY MANUFACTURER. COLUMNS MUST BE ENCASED IN BRICK UP TO 42" AFF. SEE D3/A-508, A-518, AND STRUCTURAL DWGS FOR DETAILS.
- PROVIDE SURFACE MOUNTED FIRE EXTINGUISHER CABINET. SEE LP102 FOR SCHEDULE, AND C1/A-501 FOR MOUNTING HEIGHT DETAIL.
- PROVIDE 4" DIAMETER ROUND DOWNSPOUT. PROVIDE A SPLASH PAN ON ROOF WHERE DOWNSPOUT DISCHARGES WATER ONTO TPO ROOF.
- PROVIDE GUTTER SYSTEM. SEE A-104 FOR SIZING. SEE A1/A-511 AND A2/A-511 FOR DETAILS.
- PROVIDE SCREEN WALL FOR SCREENED IN PORCH.
- PROVIDE EQUIPMENT CURB AND FLASHING. SEE C3/A-509 FOR DETAIL.
- PROVIDE ABA COMPLIANT GUARDRAIL. SEE A-513, A-514, AND A-515 FOR RAILING DETAILS.
- PROVIDE FALL PROTECTION AS NEEDED FOR EQUIPMENT REQUIRING MAINTENANCE. SEE C1/A-509 FOR ANCHOR DETAIL. PROVIDE SHOP DRAWINGS FOR FALL PROTECTION SYSTEM AND ANCHORAGE LOCATIONS. COORDINATE STRUCTURAL FRAMING AS REQUIRED.
- PROVIDE ABA COMPLIANT HANDRAIL ATTACHED TO POSTS. SEE A-513 FOR DETAILS.
- PROVIDE 5" DIAMETER ROUND DOWNSPOUT. PROVIDE SPLASH BLOCK AT GRADE WHERE DOWNSPOUT DISCHARGES.
- PROVIDE EQUIPMENT CURB, FLASHING, AND CRICKETS FOR ROOF MOUNTED EQUIPMENT. CURB MUST BE SIZED BY MECHANICAL CONTRACTOR AND COORDINATED IN FIELD BETWEEN MECHANICAL CONTRACTOR AND ROOF CONTRACTOR TO ENSURE PROPER ROOF DRAINAGE.
- PROVIDE BRICK ENCASED COLUMN. SEE STRUCTURAL DWGS AND B4/A-518 FOR DETAILS.



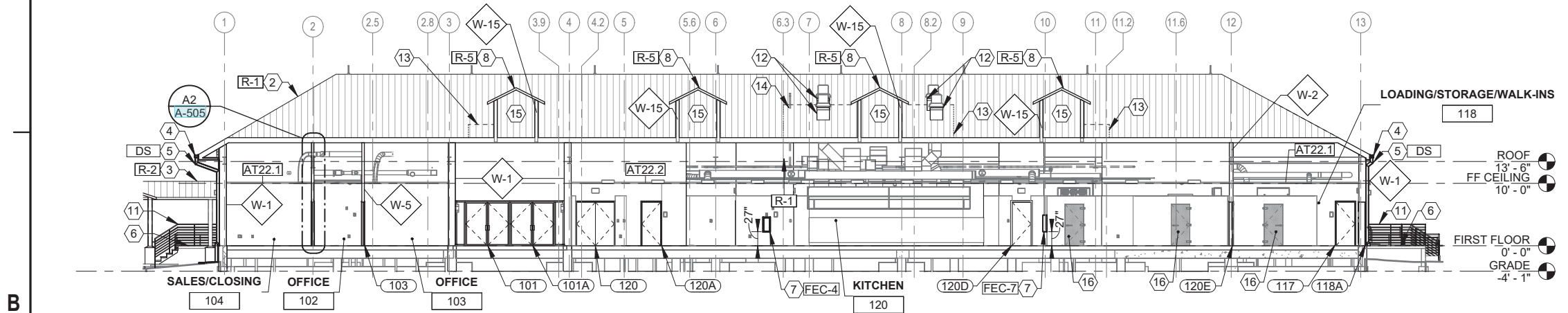
DESIGN PACKAGE 2 - IFC DESIGN SUBMITTAL (ISSUED FOR CONSTRUCTION)	
DATE	APPR
MAR 2026	
DESCRIPTION	SYM
DP 2 - IFC DESIGN SUBMITTAL	
PARRIS ISLAND, SC	
N485 TRADITIONS ALL HANDS CLUB	
SECTION	
A	
A-301	
DRAWING REVISION: 25 AUGUST 2020	



C1 CORRIDOR LONGITUDINAL SECTION

SCALE: 3/32" = 1'-0"

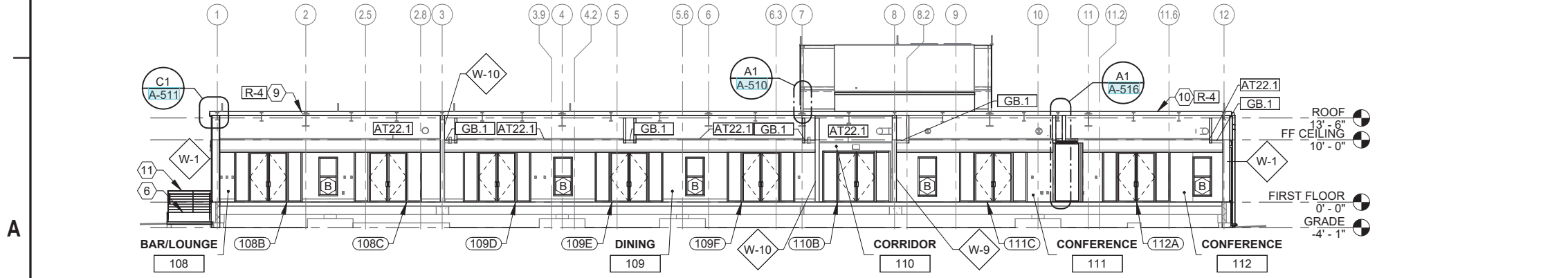
A1/A-101



B1 OFFICES AND KITCHEN LONGITUDINAL SECTION

SCALE: 3/32" = 1'-0"

A1/A-101



A1 DINING AREAS/CONFERENCE LONGITUDINAL SECTION

SCALE: 3/32" = 1'-0"

A1/A-101

GENERAL NOTES

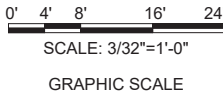
- ELECTRICAL, FIRE PROTECTION, INTERIOR, MECHANICAL, AND PLUMBING COMPONENTS, AND STRUCTURAL SYSTEMS SHOWN FOR REFERENCE ONLY. SEE DISCIPLINE SPECIFIC DWGS FOR DETAILS.
- PROVIDE STEEL STUD EXTERIOR WALLS WITH RED BRICK VENEER, GLAZING AND/OR STOREFRONT SYSTEMS, INSULATION, INTERIOR WALL FINISH, AND WALL BASE. PROVIDE ENGAGED PILASTERS ON WEST ELEVATION.

PROVIDE STEEL STUD FALSE DORMER WALLS WITH CEMENT LAP SIDING.

PROVIDE METAL STUD AND GWB INTERIOR WALLS. SEE A-503 FOR WALL TYPES DETAILS.
- THE FIRST FLOOR FINISH ELEVATION WILL BE CONSTRUCTED A MINIMUM OF + 2' BASE FLOOD ELEVATION.
- SEE INTERIOR DWGS FOR KITCHEN AND BAR LAYOUT, EQUIPMENT LEGEND, ROOM/INTERIOR FINISH SCHEDULE, TOILET ACCESSORY SCHEDULE, INTERIOR SIGNAGE, AND DETAILS.
- SEE A-605 FOR EXTERIOR FINISH SCHEDULE AND A-504, A-506 FOR DETAILS.

KEYNOTES

- PROVIDE SURFACE MOUNTED FIRE EXTINGUISHER CABINET. SEE LP102 FOR SCHEDULE, AND C1/A-501 FOR MOUNTING HEIGHT DETAIL.
- PROVIDE STANDING SEAM METAL ROOF SYSTEM. SEE A-508 FOR DETAILS.
- PROVIDE PREFABRICATED STANDING SEAM METAL CANOPY OVER WALKWAY. BASIS OF DESIGN IS TENNESSEE VALLEY METALS, INC. SERIES 1500 GABLED WALKWAY. CANOPY CONNECTION TO (E)FOUR WINDS NOT INCLUDED IN SCOPE. FINAL CONNECTION DESIGN MUST BE FIELD COORDINATED WITH THE GOVERNMENT UNDER SEPARATE EFFORT. FINAL COLUMN SIZE AND LOCATIONS TO BE DETERMINED BY MANUFACTURER. COLUMNS MUST BE ENCASED IN BRICK UP TO 42" AFF. SEE D3/A-508, A-518, AND STRUCTURAL DWGS FOR DETAILS.
- PROVIDE GUTTER SYSTEM. SEE A-104 FOR SIZING. SEE A1/A-511 AND A2/A-511 FOR DETAILS.
- PROVIDE 5" DIAMETER ROUND DOWNSPOUT. PROVIDE SPLASH BLOCK AT GRADE WHERE DOWNSPOUT DISCHARGES.
- ADA/ABA COMPLIANT RAMPS AND LANDINGS MUST BE PROVIDED AS PART OF DP1. SEE CIVIL DWGS FOR DETAILS.
- PROVIDE SEMI-RECESSED FIRE EXTINGUISHER CABINET. SEE LP102 FOR SCHEDULE, AND C1/A-501 FOR DETAIL.
- PROVIDE STANDING SEAM METAL ROOF SYSTEM FOR FALSE DORMERS. SEE C3/A-512 FOR DETAIL.
- PROVIDE TPO ROOFING. SEE B1/A-508 FOR DETAIL.
- PROVIDE TPO FLAT ROOF SYSTEM FOR ROOF TOP MECHANICAL UNITS. SEE B1/A-508 AND STRUCTURAL DWGS FOR DETAILS.
- PROVIDE ABA COMPLIANT HANDRAIL AND GUARDRAIL. SEE A-513, A-514, AND A-515 FOR RAILING DETAILS.
- PROVIDE EQUIPMENT CURB AND FLASHING. SEE C3/A-509 FOR DETAIL.
- PROVIDE FALL PROTECTION AS NEEDED FOR EQUIPMENT REQUIRING MAINTENANCE. SEE C1/A-509 FOR ANCHOR DETAIL. PROVIDE SHOP DRAWINGS FOR FALL PROTECTION SYSTEM AND ANCHORAGE LOCATIONS. COORDINATE STRUCTURAL FRAMING AS REQUIRED.
- PROVIDE FLASHING ON ROOF PENETRATIONS. SEE A1/A-509 FOR DETAIL.
- PROVIDE FALSE DORMER ON MAIN ROOF. SEE STRUCTURAL DWGS AND A-512 FOR DETAILS.
- PREFABRICATED, SELF-CONTAINED WALK IN UNIT. SEE INTERIORS DWGS FOR DETAILS.



APPR	DATE	SYM	DESCRIPTION
	MAR 2026		DP 2 - IFC DESIGN SUBMITTAL

LBE, Inc.
105 N. Highway 52,
Moncks Corner, SC 29461

FOR COMMANDER NAVFAC
ACTIVITY

SATISFACTORY TO DATE

DES LHD JMW LHD CHK DSH

PMOM

BRANCH MANAGER

CHIEF ENGINEER

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC MID-ATLANTIC
NAVFAC STATION - NORFOLK, VA
PARRIS ISLAND, SC

SECTION

N485 TRADITIONS ALL HANDS CLUB

MCRD PI

SCALE: AS NOTED

EPROJECT NO.:

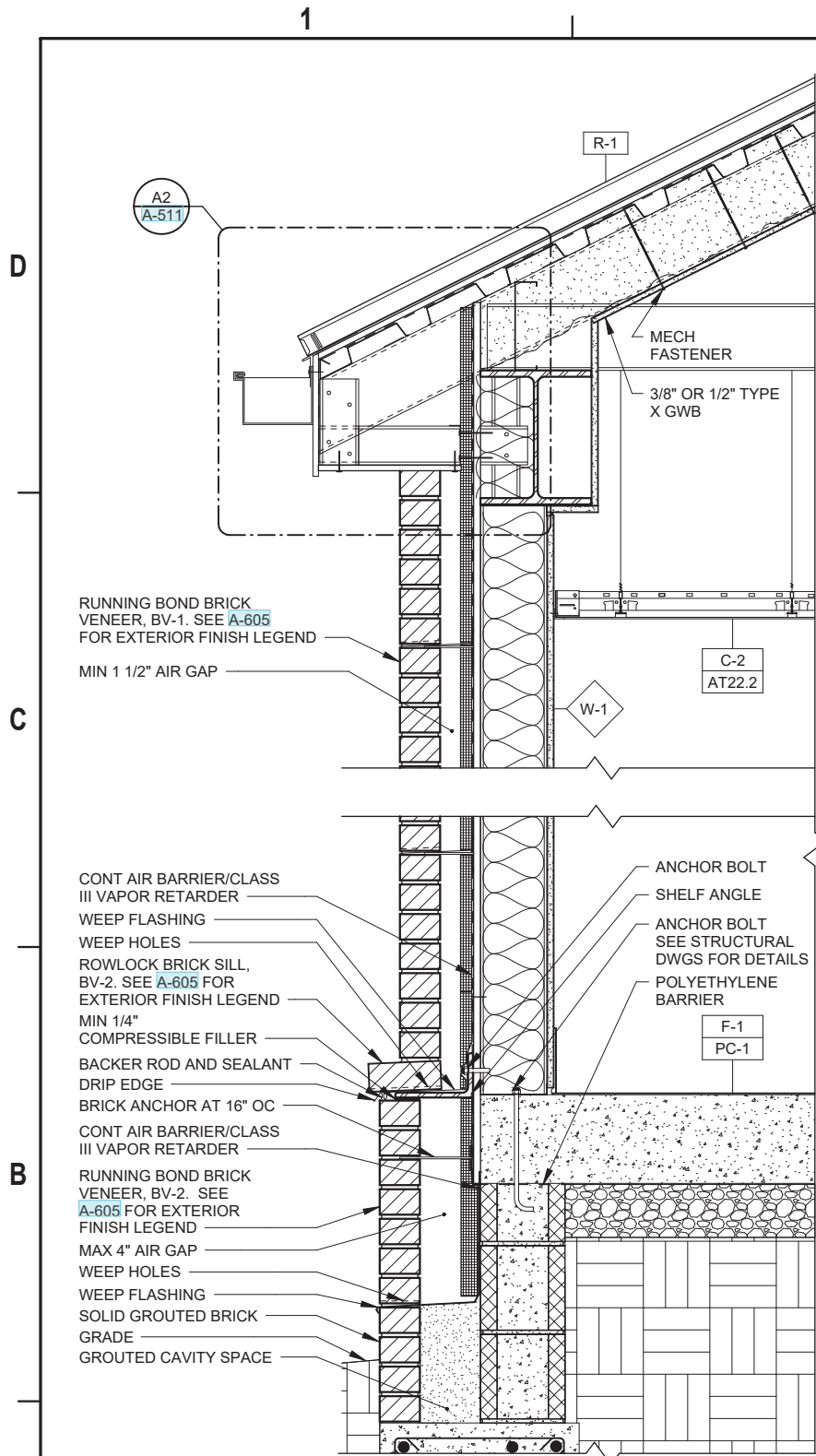
CONSTR. CONTR. NO. H0724-E-1001

NAVFAC DRAWING NO.

SHEET 45 OF 172

A-302

DRAWING REVISION: 25 AUGUST 2020

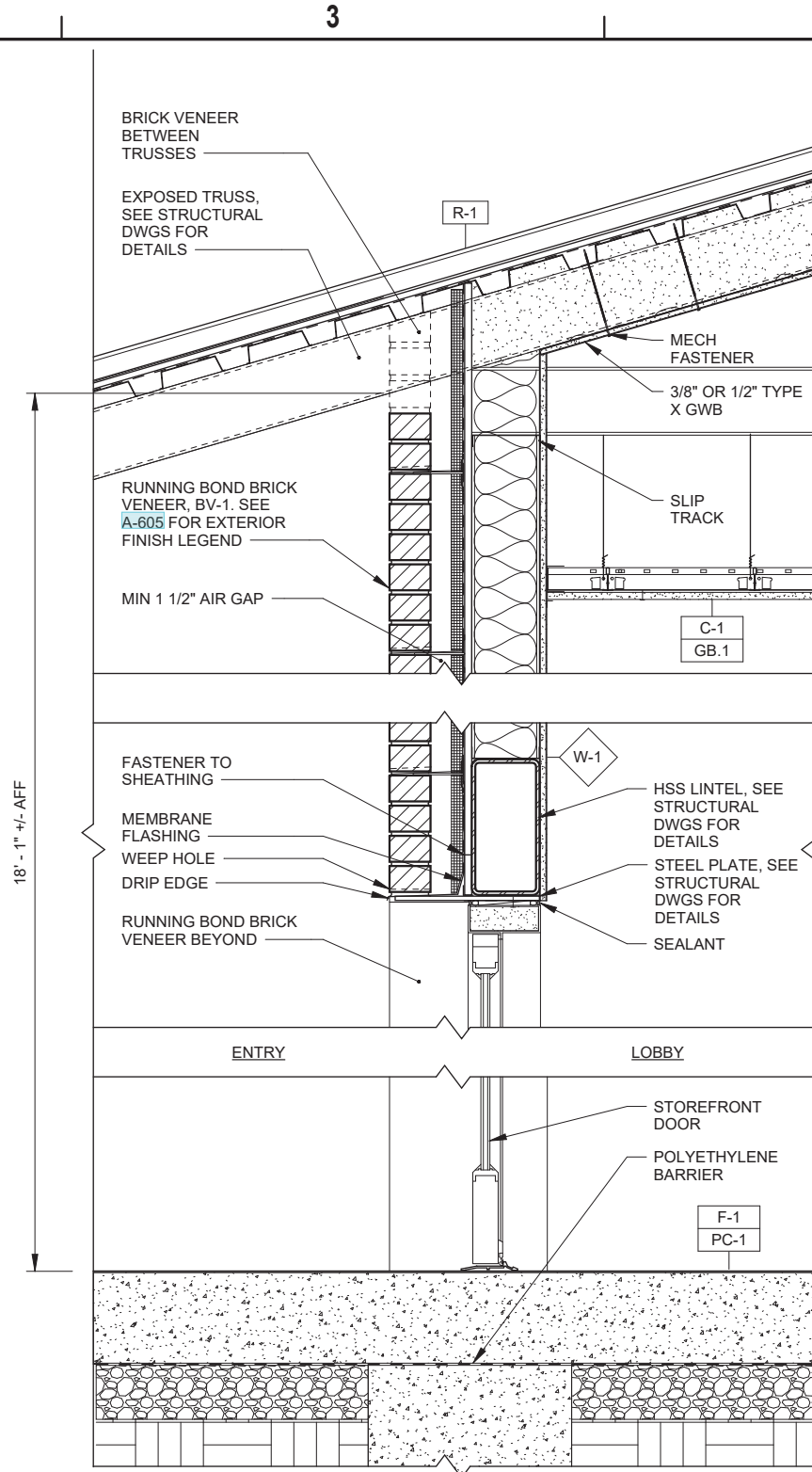


- NOTES:
1. BACKFILL BEHIND CMU PRIOR TO THE ADDITION OF FLOOR SLAB.
 2. INSTALL FLASHING AT THE HEADS AND SILLS OF ALL OPENINGS AND WHEREVER THE AIR SPACE IS INTERRUPTED. EXTEND THE VERTICAL LEG OF THE FLASHING UP MINIMUM 8" AND ENSURE THE TOP EDGE OF THE FLASHING IS LAPPED BY THE POLYETHYLENE BARRIER. THE FLASHING MUST BE ATTACHED AS INDICATED BY FLASHING MANUFACTURER OR TERMINATION BAR. EXTEND THE HORIZONTAL LEG OF THE FLASHING TO, AND BEYOND, THE FACE OF THE BRICK VENEER. WHERE THE FLASHING IS NOT CONTINUOUS, THE ENDS MUST BE TURNED UP MINIMUM 1" TO FORM AN END DAM. PROVIDE HORIZONTAL JOINT REINFORCEMENT AT 16" OC OR AS REQUIRED. FLASHING DOES NOT EXTEND FULLY THROUGH SHEAR WALLS.
 3. OPENINGS CREATED FOR REINFORCEMENT OR ANCHORS MUST BE PROTECTED WITH APPLICATION OF AN APPROVED SEALANT.
 4. FILL ALL VOIDS SURROUNDING OPENINGS IN THE EXTERIOR WALL WITH EXPANDING FOAM INSULATION TO MAINTAIN AIR BARRIER.
 5. LOCATE HORIZONTAL CONTROL JOINT BELOW SHELF ANGLES BY PROVIDING A MINIMUM 1/4" COMPRESSIBLE FILLER BENEATH THE ANGLE, AND A BACKER ROD AND SEALANT AT THE TOE OF THE ANGLE TO SEAL THE JOINT.

A1 FULL EXTERIOR WALL DETAIL

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

C1/A-301



- NOTES:
1. COAT UNDERSIDE OF EXPOSED STEEL DECK AND EXTERIOR PORTION OF TRUSSES AT ENTRY WITH CORROSION RESISTANT PAINT TO MATCH THE ROOF COLOR FOR A UNIFIED APPEARANCE.
 2. SEE A-601, A-602, A-603, AND A-604 FOR DOOR SCHEDULE AND DETAILS.
 3. INSTALL FLASHING AT THE HEADS AND SILLS OF ALL OPENINGS AND WHEREVER THE AIR SPACE IS INTERRUPTED. EXTEND THE VERTICAL LEG OF THE FLASHING UP MINIMUM 8" AND ENSURE THE TOP EDGE OF THE FLASHING IS LAPPED BY THE POLYETHYLENE BARRIER. THE FLASHING MUST BE ATTACHED AS INDICATED BY FLASHING MANUFACTURER OR TERMINATION BAR. EXTEND THE HORIZONTAL LEG OF THE FLASHING TO, AND BEYOND, THE FACE OF THE BRICK VENEER. WHERE THE FLASHING IS NOT CONTINUOUS, THE ENDS MUST BE TURNED UP MINIMUM 1" TO FORM AN END DAM. PROVIDE HORIZONTAL JOINT REINFORCEMENT AT 16" OC OR AS REQUIRED. FLASHING DOES NOT EXTEND FULLY THROUGH SHEAR WALLS.
 4. OPENINGS CREATED FOR REINFORCEMENT OR ANCHORS MUST BE PROTECTED WITH APPLICATION OF AN APPROVED SEALANT.
 5. FILL ALL VOIDS SURROUNDING OPENINGS IN THE EXTERIOR WALL WITH EXPANDING FOAM INSULATION TO MAINTAIN AIR BARRIER.

A3 FULL ENTRY WALL DETAIL

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

B2/A-301

GENERAL NOTES

1. SUSPENDED CEILINGS ARE ATTACHED TO STRUCTURAL FRAMING OR ROOF DECKING BY METAL HANGING WIRE UNO ON INTERIOR DWGS. SEE A1/A-501 FOR DETAIL.
2. PIN ACOUSTIC INSULATION TO PREVENT SLUMPING.
3. SEE INTERIOR DWGS FOR CEILING HEIGHTS AND FINISH DETAILS.
4. SEE STRUCTURAL DWGS FOR STRUCTURAL MEMBERS SIZING, SPACING, AND ATTACHMENT REQUIREMENTS.
5. PROVIDE A THERMAL OR IGNITION BARRIER AS REQUIRED FOR SPRAY FOAM INSULATION. FOR A THERMAL BARRIER USE 1/2" GWB FOR AN IGNITION BARRIER USE 3/8" GWB OR A MATERIAL THAT MEETS NFPA 275 TEMPERATURE TRANSMISSION FIRE TEST AND INTEGRITY FIRE TEST. INTUMESCENT PAINTS MEETING THESE REQUIREMENTS ARE ACCEPTED. WHERE GWB IS USED, MECHANICAL FASTENERS MUST ATTACH TO STRUCTURE.
6. PROVIDE WEEPS ON THE SAME COURSE AS THE FLASHING AT 24" OC.
7. DOWNSPOUTS HAVE BEEN EXCLUDED FOR CLARITY.



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ACTIVITY

SATISFACTORY TO DATE

DES ZB DRW ZB CHK DSH

PMOM

BRANCH MANAGER

CHIEF ENGINEER

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND

NAVFAC MID-ATLANTIC

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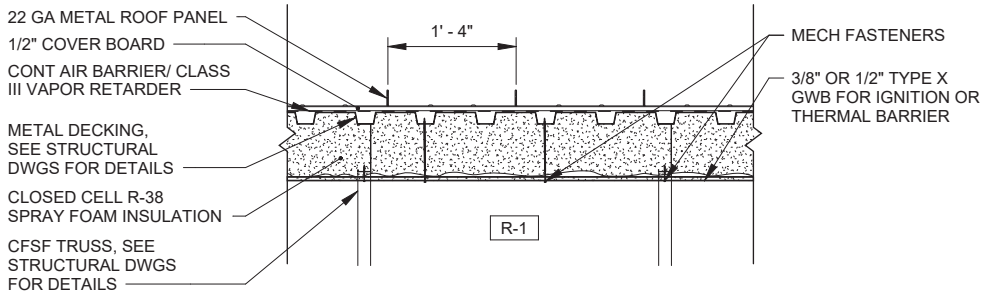
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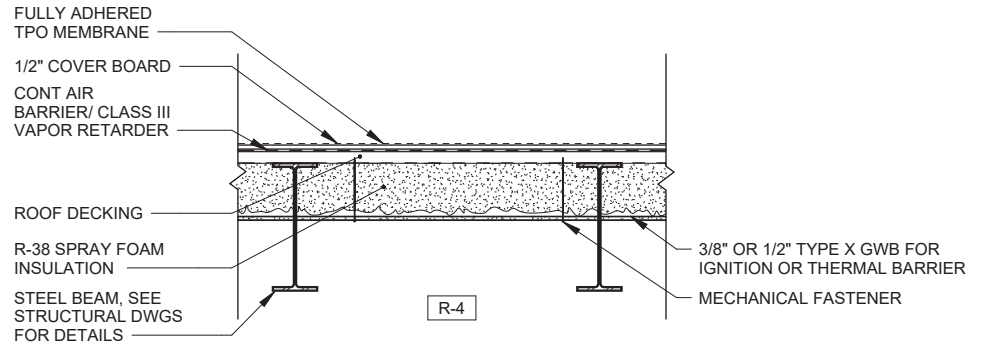
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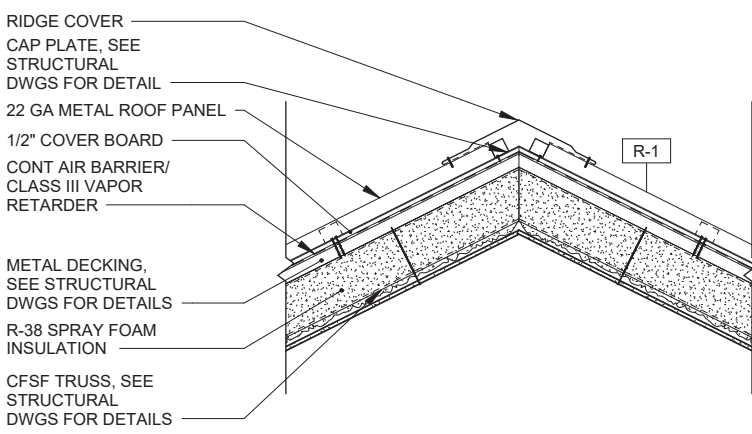
- NOTES:
1. STANDING SEAM METAL ROOFING.
 2. TWO STRIATIONS PER PANEL.
 3. SEE STRUCTURAL DWGS FOR TRUSS DETAILS.

D1 **ROOF DETAIL**
SCALE: 1" = 1'-0"



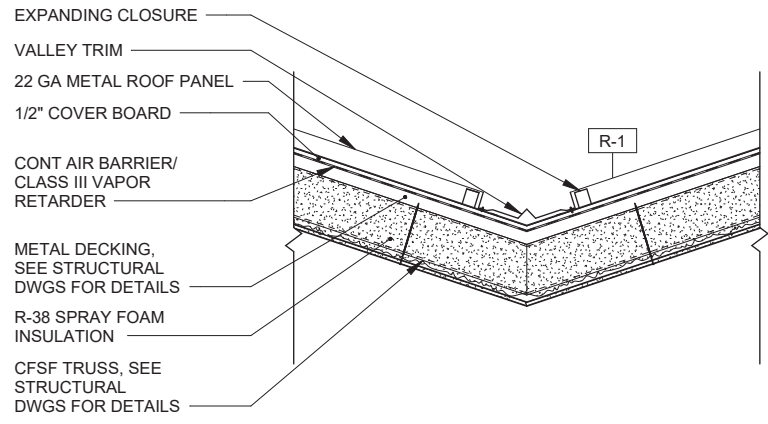
- NOTES:
1. FLAT ROOF MUST HAVE A MINIMUM 1/2:12 SLOPE FOR DRAINAGE. PROVIDE EQUIPMENT CURB, FLASHING, AND CRICKETS FOR ROOF MOUNTED EQUIPMENT AS REQUIRED, AND ENSURE PROPER DRAINAGE PATHWAYS AND OUTLETS TO PREVENT WATER INTRUSION.
 2. PROVIDE FLUTE FILLERS AS REQUIRED BY TPO MANUFACTURER FOR ROOF DECKING. ENSURE COVER BOARD SPANS OVER ROOF DECKING FLUTES FOR PROPER FASTENER ATTACHMENT.
 3. THE R-VALUE MUST BE MAINTAINED AT ALL CAVITIES AND ENSURE, WHERE ENCLOSED, THERMAL BARRIERS ARE MAINTAINED.

B1 **FLAT ROOF DETAILS**
SCALE: 1" = 1'-0"



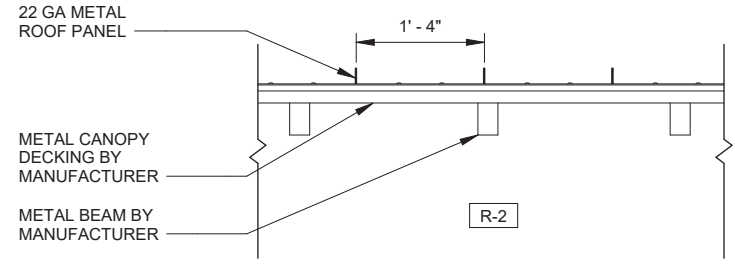
- NOTES:
1. SEE STRUCTURAL DWGS FOR TRUSS DETAILS.
 2. METAL PANELS, TRIM, AND FLASHING MUST BE FROM THE SAME MANUFACTURER. ROOF FINISHES MUST MATCH THE CANOPY FINISH FOR A COHESIVE APPEARANCE.

A1 **ROOF RIDGE FLASHING DETAIL**
SCALE: 1" = 1'-0"



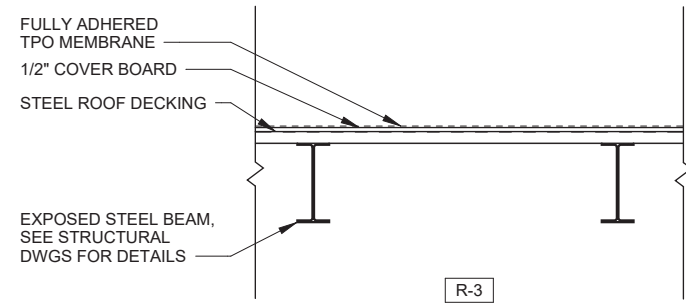
- NOTES:
1. SEE STRUCTURAL DWGS FOR TRUSS DETAILS.
 2. METAL PANELS, UNDERLAYMENT, VALLEY TRIM, AND FLASHING MUST BE FROM THE SAME MANUFACTURER.

A2 **ROOF VALLEY FLASHING DETAIL**
SCALE: 1" = 1'-0"



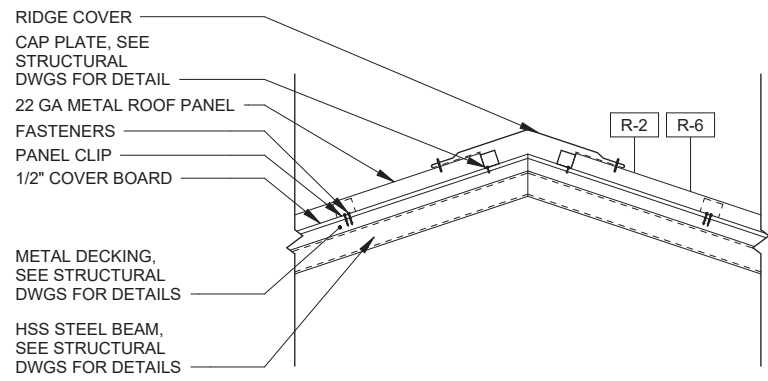
- NOTES:
1. ROOF SYSTEM IS PART OF A PREFABRICATED STANDING SEAM METAL CANOPY OVER WALKWAY. BASIS OF DESIGN IS TENNESSEE VALLEY METALS, INC. SERIES 1500 GABLED WALKWAY.
 2. FINAL SIZE AND LOCATIONS OF STRUCTURE TO BE DETERMINED BY MANUFACTURER.
 3. STANDING SEAM METAL ROOFING WITH TWO STRIATIONS PER PANEL.
 4. BEAMS MUST BE FACTORY FINISHED TO RESIST MOISTURE INTRUSION AND CORROSION.

D3 **CANOPY DETAIL**
SCALE: 1" = 1'-0"



- NOTES:
1. FLAT ROOF MUST HAVE A MINIMUM 1/2:12 SLOPE FOR DRAINAGE. ENSURE PROPER DRAINAGE PATHWAYS AND OUTLETS TO PREVENT WATER POOLING.
 2. PROVIDE FLUTE FILLERS AS REQUIRED BY TPO MANUFACTURER FOR ROOF DECKING. ENSURE COVER BOARD SPANS OVER ROOF DECKING FLUTES FOR PROPER FASTENER ATTACHMENT.
 3. COAT UNDERSIDE OF EXPOSED PORCH STEEL DECK WITH CORROSION RESISTANT SEALER OR PAINT. WHERE COLOR OPTIONS ARE AVAILABLE, PROVIDE OPTIONS TO THE GOVERNMENT FOR APPROVAL.

B3 **PORCH ROOF DETAIL**
SCALE: 1" = 1'-0"

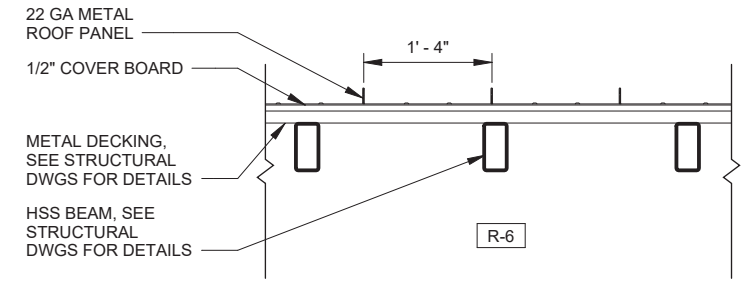


- NOTES:
1. SEE STRUCTURAL DWGS FOR BEAM SIZING AND SPACING
 2. METAL PANELS, RIDGE COVER, AND FLASHING MUST BE FROM THE SAME MANUFACTURER. CANOPY FINISHES MUST MATCH THE MAIN ROOF FINISHES FOR A COHESIVE APPEARANCE.

A4 **CANOPY RIDGE FLASHING DETAIL**
SCALE: 1" = 1'-0"

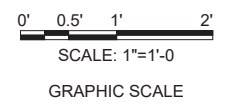
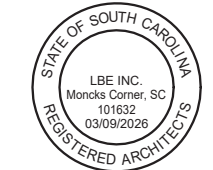
GENERAL NOTES

1. SEE STRUCTURAL DWGS FOR STRUCTURAL MEMBERS SIZING AND SPACING.
 2. CLOSED CELL FOAM SPRAY INSULATION INSTALLED AT THE INTERIOR OF THE BUILDING AND MUST BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
 3. PROVIDE A THERMAL OR IGNITION BARRIER AS REQUIRED FOR SPRAY FOAM INSULATION. FOR A THERMAL BARRIER USE 1/2" GWB OR A MATERIAL THAT MEETS NFPA 275 TEMPERATURE TRANSMISSION FIRE TEST AND INTEGRITY FIRE TEST. INTUMESCENT PAINTS MEETING THESE REQUIREMENTS ARE ACCEPTED. WHERE GWB IS USED, MECHANICAL FASTENERS MUST ATTACH TO STRUCTURE.
- WHERE UNOCCUPIED ATTIC SPACES ARE NOT FIRE RATED AND ENTRY IS MADE ONLY FOR SERVICE OF UTILITIES AN IGNITION BARRIER MAY BE USED IN LIEU OF A THERMAL BARRIER. USE 3/8" GWB FOR THERMAL BARRIER PER IBC 2603.4.1.6.



- NOTES:
1. STANDING SEAM METAL ROOFING WITH TWO STRIATIONS PER PANEL.
 2. SEE STRUCTURAL DWGS FOR BEAM DETAILS.
 3. COAT UNDERSIDE OF EXPOSED STEEL DECK AT ENTRY WITH CORROSION RESISTANT PAINT TO MATCH THE ROOF COLOR.

B4 **MAIN ENTRY CANOPY ROOF DETAIL**
SCALE: 1" = 1'-0"



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N485 TRADITIONS ALL HANDS CLUB

ROOF DETAILS

SCALE: AS NOTED

EPROJCT NO.:

CONSTR. CONTR. NO. H0724-E-1001

NAVFAC DRAWING NO.

SHEET 55 OF 172

A-508

DRAWING REVISION: 25 AUGUST 2020

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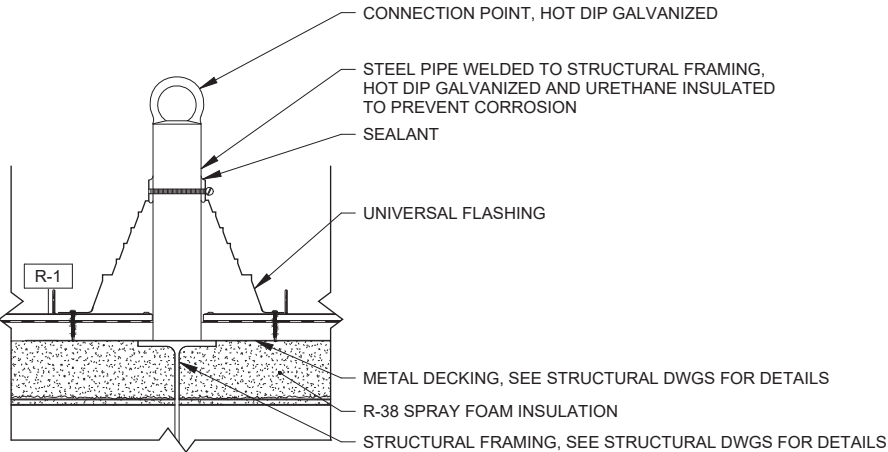
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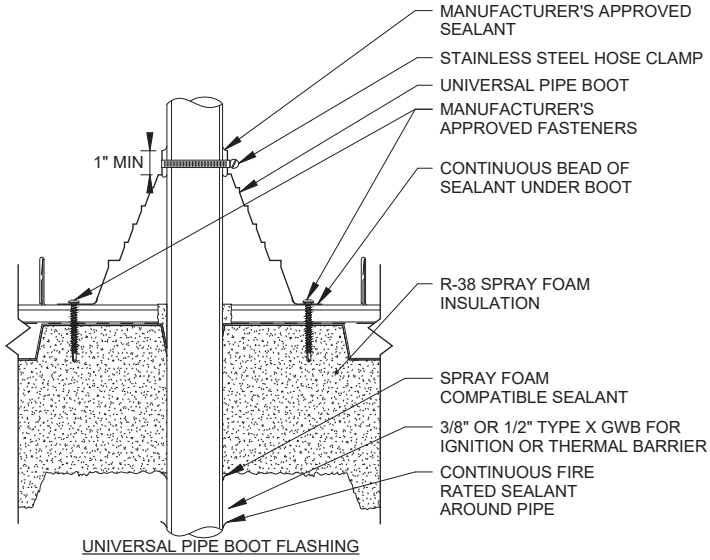
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- NOTES:**
1. ROOF ANCHOR IS SHOWN FOR DESIGN INTENT. ANCHORS TO ATTACH TO ROOF STRUCTURE FOR FULL SUPPORT OF A FALL ARREST SYSTEM.
 2. A FULL FALL ARREST SYSTEM MUST BE PROVIDED FOR MAINTENANCE AS INDICATED ON A-104 AND IN COORDINATION WITH THE GOVERNMENT FOR ANY ADDITIONAL LOCATIONS AS REQUIRED. PROVIDE SHOP DRAWINGS SIGNED BY A PROFESSIONAL ENGINEER OR COMPETENT PERSON DESIGNING FALL PROTECTION SYSTEMS AND LOCATING ANCHORAGE POINTS AS REQUIRED BY OSHA 1926.502(D)(15)(ii) AND ANSI/ASSE Z359 FALL PROTECTION CODE.
 3. SCREWS MUST BE FULLY EMBEDDED IN THE ROOF DECK OR TO THE EXTENT REQUIRED BY THE FALL PROTECTION SYSTEM MANUFACTURER, WHICHEVER IS MORE STRINGENT. COORDINATE FALL PROTECTION ANCHOR LOCATIONS WITH STRUCTURAL FRAMING AND PROVIDE ADDITIONAL SUPPORT AS NECESSARY.
 4. PROVIDE A LEVEL SURFACE FOR THE ATTACHMENT OF THE ROOF ANCHOR.
 5. THE FALL ARRESTER MUST BE CENTERED AS MUCH AS POSSIBLE TO ALLOW FOR ADEQUATE CLEARANCE FOR THE INSTALLATION OF THE FLASHING WITHOUT INTERFERENCE WITH THE PANEL RIBS.
 6. ANCHORAGE MUST MEET THE REQUIREMENTS OF 29 CFR PART 1910 SUBPART D.

C1 **ROOF ANCHOR DETAIL**
SCALE: NOT TO SCALE



- NOTES:**
1. UNIVERSAL PIPE BOOT MUST HAVE INTACT RIB AT TOP EDGE, REGARDLESS OF PIPE DIAMETER.
 2. DECK FLANGES OF THE PRE-MOLDED PIPE SEAL MUST NOT BE OVERLAPPED, CUT, OR APPLIED OVER ANY ANGLE CHANGE.
 3. EMPTY SPACE WITHIN UNIVERSAL PIPE BOOT MUST BE FILLED WITH AN EXPANDING URETHANE FOAM TO MINIMIZE CONDENSATION FORMATION AS WELL AS PROVIDE RESILIENCY TO THE FINISHED DETAIL.
 4. MANUFACTURER'S APPROVED FASTENER MUST REACH STRUCTURAL DECK.
 5. ADEQUATE CLEARANCE MUST BE LEFT BETWEEN THE PIPE AND THE PANEL TO ALLOW FOR THERMAL MOVEMENT WITHOUT INTERFERENCE.
 6. THE PIPE MUST BE CENTERED IN THE PANEL TO ALLOW FOR ADEQUATE CLEARANCE FOR INSTALLATION OF THE FLASHING WITHOUT INTERFERENCE WITH THE PANEL RIBS.

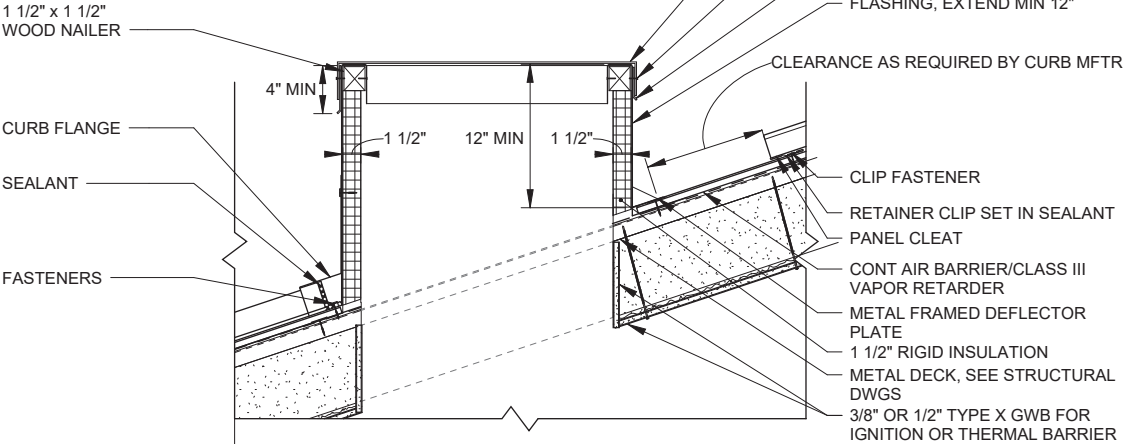
A1 **ROOF PENETRATION DETAIL**
SCALE: NOT TO SCALE

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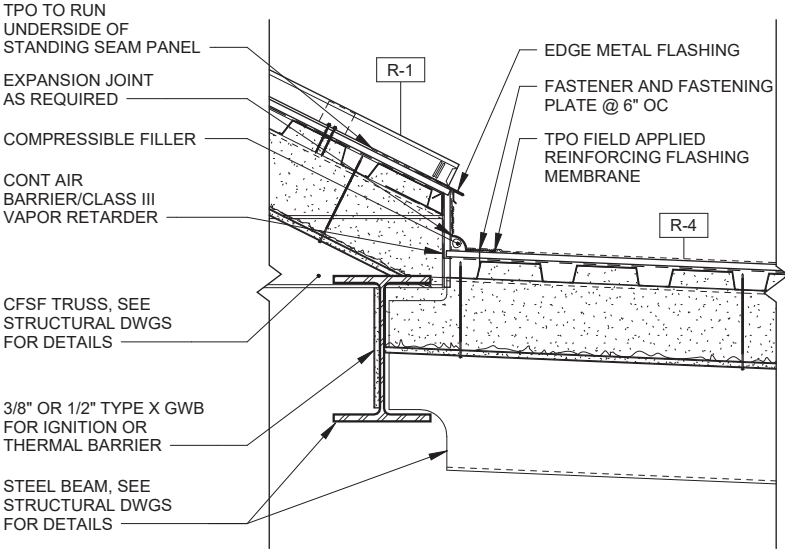
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- NOTES:**
1. PROVIDE A PREFABRICATED CURB THAT INCLUDES A WATER DIVERTER/DEFLECTOR OR PROVIDE A SEPARATE DEFLECTOR PLATE THAT MUST BE ATTACHED AND FLASHED TO THE CURB.
 2. ENSURE THE TOP AND SIDES OF THE CURB ARE INSTALLED UNDER THE METAL DECKING AND THE BOTTOM IS INSTALLED OVER THE METAL DECKING IN A SHINGLED MANNER TO PREVENT WATER INTRUSION. ALL EDGES MUST BE SET IN A COMPATIBLE SEALANT PRIOR TO MECHANICAL FASTENING UNO PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 3. PROVIDE ADDITIONAL STEP FLASHING OR FRONT FLASHING CLOSURES AS REQUIRED PER MANUFACTURER.
 4. TRIM RIBS WHERE RIBS INTERSECT WITH CURB OR PROVIDE CURB WITH BUILT IN RIBS TO OVERLAY STANDING SEAM RIBS.
 5. CURB DIMENSIONS ARE DEPENDENT ON MECHANICAL EQUIPMENT SIZING. SEE MECHANICAL DWGS FOR EXHAUST FAN DETAILS.
 6. SEE D1/A-508 FOR ROOF ASSEMBLY DETAIL.
 7. WHERE DIVERTER IS NOT PART OF PREFABRICATED CURB, THE DIVERTER/DEFLECTOR PLATE MUST BE METAL FRAMED WITH PLYWOOD SHEATHING. FINISHED WITH METAL ROOFING FRAME PANELS, STEP FLASHED ALONG THE SIDES OF CRICKET. MANUFACTURER APPROVED SEALANT MUST BE APPLIED TO ALL FLASHING EDGES AND FASTENER HEADS TO PREVENT MOISTURE INFILTRATION.

C3 **PREFABRICATED EXHAUST FAN CURB DETAIL**
SCALE: 1 1/2" = 1'-0"



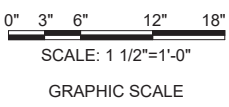
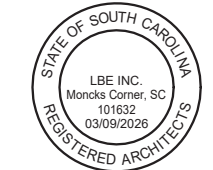
- NOTES:**
1. PROVIDE A REINFORCED MEMBRANE WHEN VERTICAL CHANGE OCCURS. REINFORCED MEMBRANE TO LAP BELOW R-4 AND R-1 WHERE VERTICAL CHANGE OCCURS.
 2. RUN TPO MEMBRANE ALONG R-1 EDGE AND EXTEND UNDER STANDING SEAM METAL PANEL MINIMUM 12" OR PER MANUFACTURER'S RECOMMENDATION. PROVIDE EDGE METAL FLASHING FROM STANDING SEAM METAL ROOFING OVER TPO TRANSITION.
 3. FULLY ADHERE TPO MEMBRANE TO COVER BOARD. USE PRIMER AND/OR ADHESIVE AS RECOMMENDED BY MANUFACTURER. PROVIDE FASTENERS AND FASTENER PLATES FOR WIND ZONE REGIONS AT INTERVALS REQUIRED BY TPO MANUFACTURER TO MAINTAIN WARRANTY.
 4. PROVIDE EXPANSION JOINTS AS REQUIRED PER MANUFACTURER. SHOP DRAWINGS MUST BE PROVIDED WHERE LENGTHS ARE GREATER THAN 160 FEET.
 5. SEE B1/A-508 FOR ROOF SPECIFIC DETAILS.
 6. APPLY SPRAY FOAM INSULATION AROUND STRUCTURE AS REQUIRED. PROVIDE GWB AS A THERMAL BARRIER AROUND STRUCTURE WHERE ENCASED IN SPRAY FOAM INSULATION.

A3 **SLOPED TO FLAT ROOF TRANSITION DETAIL**
SCALE: 1 1/2" = 1'-0"

B1/A-301

GENERAL NOTES

1. SEE STRUCTURAL DWGS FOR STRUCTURAL MEMBERS SIZING AND SPACING.
 2. CLOSED CELL FOAM SPRAY INSULATION INSTALLED AT THE INTERIOR OF THE BUILDING AND MUST BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
 3. PROVIDE A THERMAL OR IGNITION BARRIER AS REQUIRED FOR SPRAY FOAM INSULATION. FOR A THERMAL BARRIER USE 1/2" GWB OR A MATERIAL THAT MEETS NFPA 275 TEMPERATURE TRANSMISSION FIRE TEST AND INTEGRITY FIRE TEST. INTUMESCENT PAINTS MEETING THESE REQUIREMENTS ARE ACCEPTED. WHERE GWB IS USED, MECHANICAL FASTENERS MUST ATTACH TO STRUCTURE.
- WHERE UNOCCUPIED ATTIC SPACES ARE NOT FIRE RATED AND ENTRY IS MADE ONLY FOR SERVICE OF UTILITIES AN IGNITION BARRIER MAY BE USED IN LIEU OF A THERMAL BARRIER. USE 3/8" GWB FOR THERMAL BARRIER PER IBC 2603.4.1.6.



DATE	MAR 2026
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SCALE: AS NOTED
EPROJECT NO.:
CONSTR. CONTR. NO.:
NAVFAC DRAWING NO.:
SHEET 56 OF 172
A-509

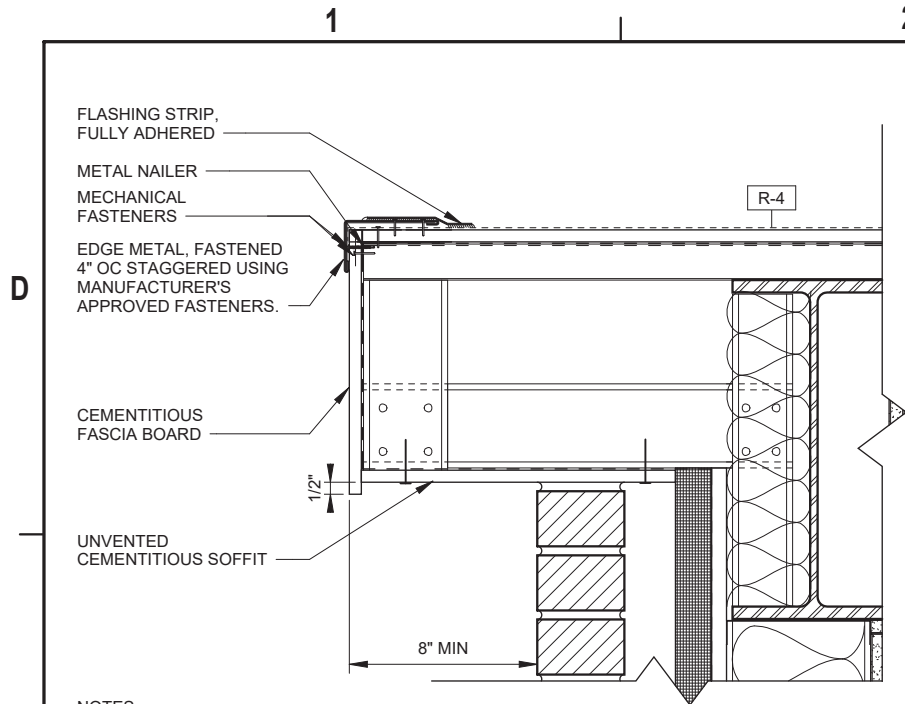
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N485 TRADITIONS ALL HANDS CLUB
ROOF DETAILS

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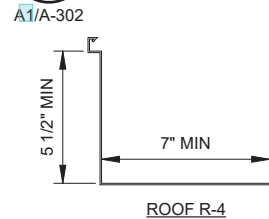
NOTES:

1. USE METAL NAILERS IN LIEU OF WOOD NAILERS. ENSURE ATTACHMENT TO TOP OF FLUTES. METAL NAILERS MUST BE ATTACHED ACCORDING TO THE LOCAL CODE OR INSURANCE REQUIREMENTS, WHICHEVER IS MORE STRINGENT. NAILER HEIGHT MUST MATCH TOP SURFACE TO WHICH MEMBRANE IS TO BE APPLIED.
2. SEE STRUCTURAL DWGS FOR ROOF OVERHANG EXTENSION DETAILS.

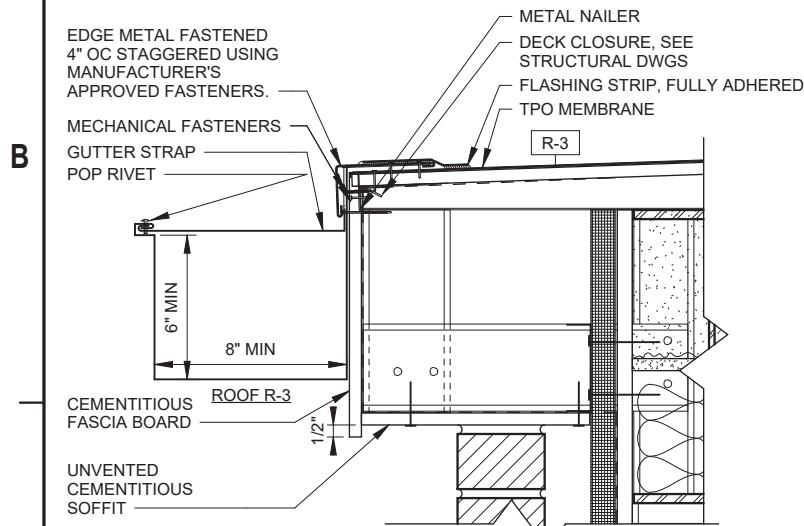
C1 EAVE DETAIL

SCALE: 3" = 1'-0"

A1/A-302



ROOF R-4



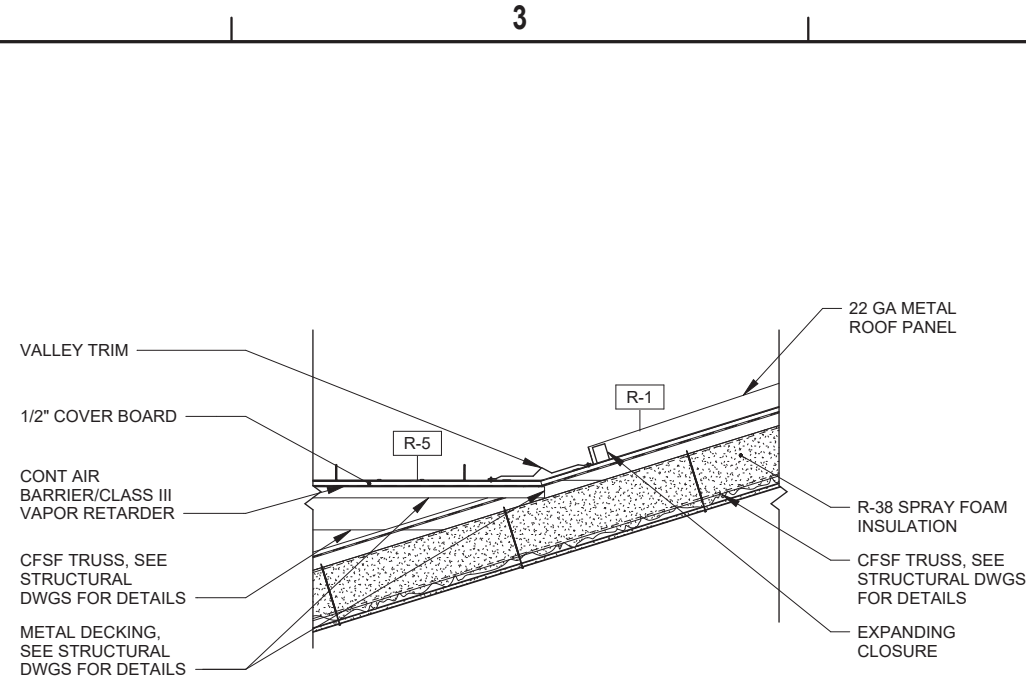
NOTES:

1. USE METAL NAILERS IN LIEU OF WOOD NAILERS. ENSURE ATTACHMENT TO TOP OF FLUTES. METAL NAILERS MUST BE ATTACHED ACCORDING TO THE LOCAL CODE OR INSURANCE REQUIREMENTS, WHICHEVER IS MORE STRINGENT. NAILER HEIGHT MUST MATCH TOP SURFACE TO WHICH MEMBRANE IS TO BE APPLIED.
2. WELD ANGLES AS REQUIRED TO ROOF DECK WITHIN FLUTES FOR EDGE METAL OR GUTTER ATTACHMENT.
3. PRIME COVER BOARD AS REQUIRED BY TPO MANUFACTURER.
4. BRING TPO MEMBRANE TO ROOF EDGE ONLY.
5. APPLY ADHESIVE TO BOTH THE ADHERED MEMBRANE AND EDGE FLASHING.
6. GUTTER COLOR TO BE COORDINATED WITH TPO ROOFING.
7. PROVIDE MINIMUM 6" x 8" GUTTER ON ROOF R-3.
8. PROVIDE MINIMUM 5 1/2" x 7" GUTTER ON ROOF R-4.

A1 METAL EDGE AND GUTTER DETAIL

SCALE: 3" = 1'-0"

A1/A-504



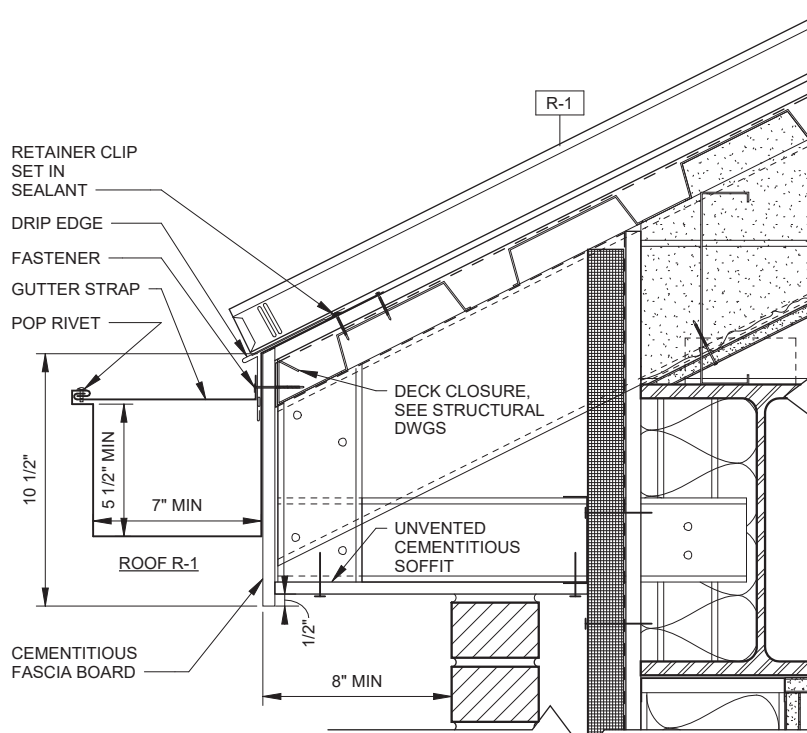
NOTES:

1. SEE STRUCTURAL DWGS FOR FALSE DORMER TRUSS AND STRUCTURAL FRAMING DETAILS.
2. METAL PANELS, VALLEY TRIM, AND FLASHING MUST BE FROM THE SAME MANUFACTURER.
3. STANDING SEAM METAL ROOF MEETS SHINGLE ROOF AT DORMER AND MUST BE VALLEY FLASHED AS REQUIRED.
4. SEE D1/A-508 FOR R-1 ROOF DETAIL. SEE C3/A-512 FOR R-5 ROOF DETAIL.

C2 ROOF VALLEY FLASHING CHANGE IN SLOPE

SCALE: 1" = 1'-0"

A1/A-512



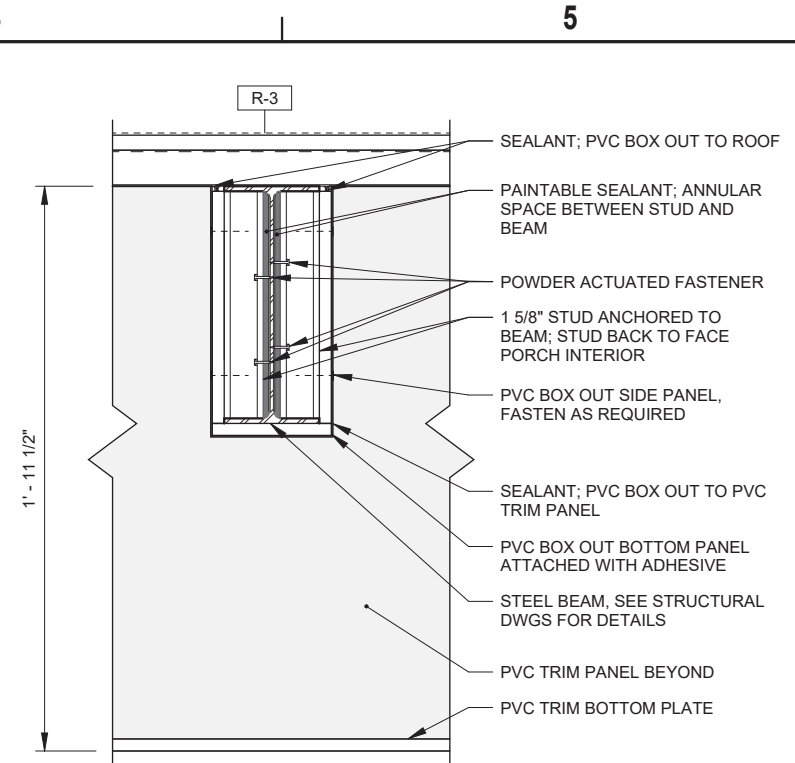
NOTES:

1. GUTTERS MUST BE SUPPORTED ON ADJUSTABLE HANGERS SPACED 30" OC.
2. PROVIDE MINIMUM 5 1/2" x 7" GUTTER ON ROOF R-1.
3. PROVIDE MINIMUM 5" x 6 1/2" GUTTER ON ROOF R-6.
4. DOWNSPOUTS EXCLUDED FOR CLARITY.
5. USE METAL NAILERS. ENSURE ATTACHMENT TO TOP OF FLUTES. METAL NAILERS MUST BE ATTACHED ACCORDING TO THE LOCAL CODE OR INSURANCE REQUIREMENTS, WHICHEVER IS MORE STRINGENT. NAILER HEIGHT MUST MATCH TOP SURFACE TO WHICH MEMBRANE IS TO BE APPLIED.
6. SEE STRUCTURAL DWGS FOR ROOF EAVE AND CANOPY EXTENSION DETAILS.
7. PRE MANUFACTURED EXPANSION JOINTS MUST BE INSTALLED IN GUTTERS TO ACCOMMODATE MOVEMENT CAUSED BY WEATHERING, AND SEALED WITH REQUIRED SEALANT FOR A WATERTIGHT APPLICATION. PLACE EXPANSION JOINTS A MAXIMUM OF 50 FEET APART ON STRAIGHT RUNS.

A2 GUTTER DETAIL

SCALE: 3" = 1'-0"

A1/A-504



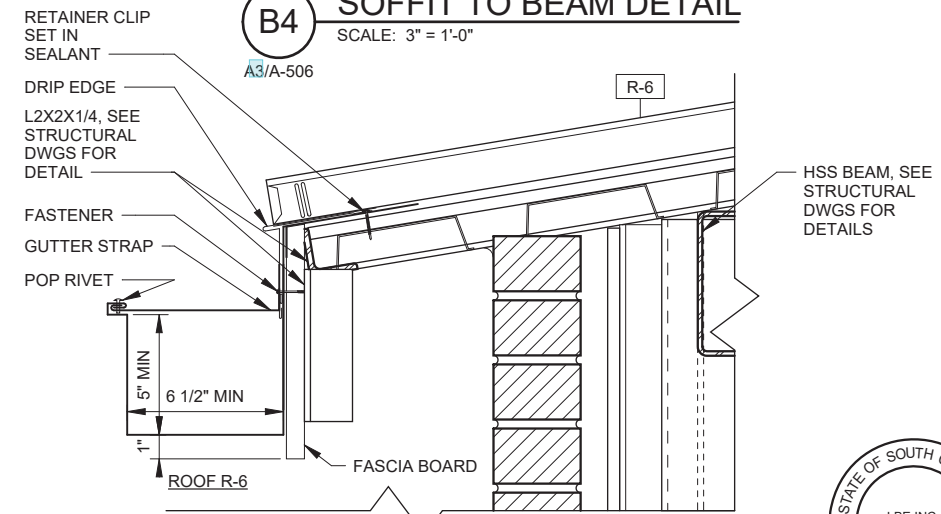
NOTES:

1. SEE STRUCTURAL DWGS FOR STRUCTURAL MEMBERS SIZING, SPACING AND ATTACHMENT DETAILS.
2. WHERE STUDS ARE ANCHORED TO BEAMS, ENSURE THE STUD BACKS FACE THE PORCH. PAINT THE STUDS TO MATCH THE BEAMS AND UNDERSIDE OF DECK FOR A CONTINUOUS APPEARANCE.
3. COAT THE UNDERSIDE OF EXPOSED PORCH STEEL DECK AND ALL EXPOSED STEEL ROOF FRAMING INCLUDING EXPOSED PVC TRIM PANEL BOX OUT SUPPORTS WITH CORROSION RESISTANT SEALER OR PAINT. WHERE COLOR OPTIONS ARE AVAILABLE, PROVIDE OPTIONS TO THE GOVERNMENT FOR APPROVAL. SEE A-605 FOR EXTERIOR FINISH LEGEND.
4. FILL THE GAP BETWEEN THE STUDS AND BEAM WITH A PAINTABLE SEALANT.
5. PVC BOX OUT MUST BE FROM SOLID PANELS.
6. CONTRACTOR MUST ENSURE ALL PVC PANEL EDGES ARE SANDED AND GROUND TO A SMOOTH FINISH.
7. PVC TRIM PANEL AND 1 5/8" STUDS ARE SHOWN IN FRONT OF THE 2 1/2" STUDS AND FASTENERS OF WALL TYPE W-16. SEE A-503 FOR WALL TYPE DETAILS. 2 1/2" STUDS NOT SHOWN FOR CLARITY.

B4 SOFFIT TO BEAM DETAIL

SCALE: 3" = 1'-0"

A3/A-506



ROOF R-6

FASCIA BOARD

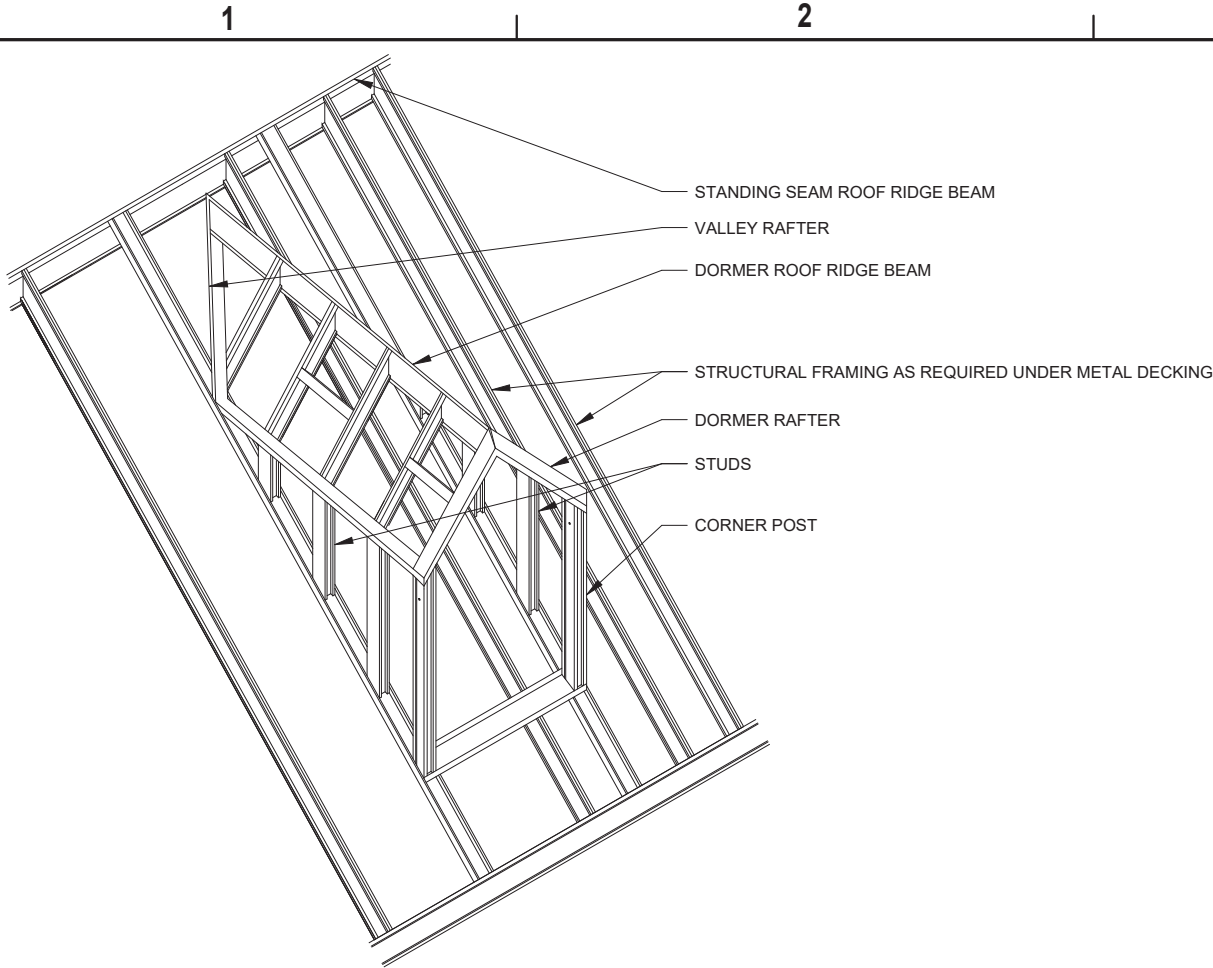


0' 1 1/2" 3" 6" 9"
SCALE: 3"=1'-0"

0' 0.5' 1' 2'
SCALE: 1"=1'-0"

GRAPHIC SCALES

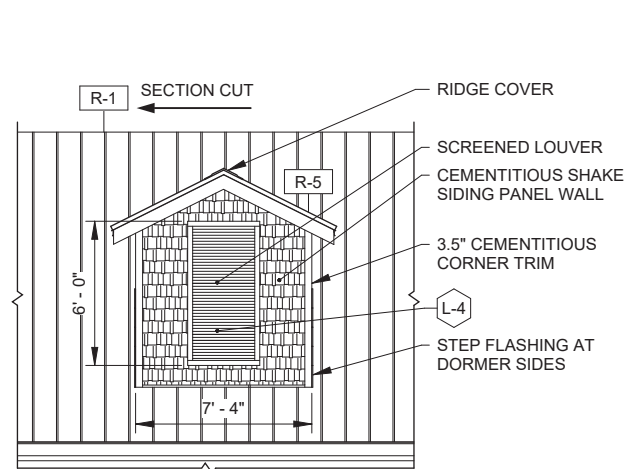
APPR	DATE	MAR 2026
SYM	DESCRIPTION	DP 2 - IFC DESIGN SUBMITTAL
LBE Engineers ■ Architects LBE, Inc. 105 N. Highway 52, Moncks Corner, SC 29461 AR REG		
APPROVED		
FOR COMMANDER NAVFAC		
ACTIVITY		
SATISFACTORY TO DATE		
DES	ZB	DRW
ZB	ZB	CHK
DSH		
PMOM		
BRANCH MANAGER		
CHIEF ENGINEER		
FIRE PROTECTION		
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND NAVAL STATION - NORFOLK, VA NAVAL FAC MID-ATLANTIC PARRIS ISLAND, SC MCRD PI		
N485 TRADITIONS ALL HANDS CLUB		
ROOF DETAILS		
SCALE: AS NOTED		
EPROJCT NO.:		
CONSTR. CONTR. NO.:		
NAVFAC DRAWING NO.:		
SHEET	58	OF 172
A-511		
DRAWING REVISION: 25 AUGUST 2020		



- NOTES:
1. CONSTRUCT FALSE DORMER ON TOP OF COMPLETED ROOF COVER BOARD. ENSURE VAPOR BARRIER EDGES REMAIN EXPOSED BETWEEN COVER BOARDS TO LAP UP THE EDGE OF DORMER.
 2. INSTALL STEP FLASHING UP THE SIDES OF THE DORMER, OVERLAPPING EACH PIECE TO DIRECT WATER AWAY.

B1 FALSE DORMER FRAMING DETAIL

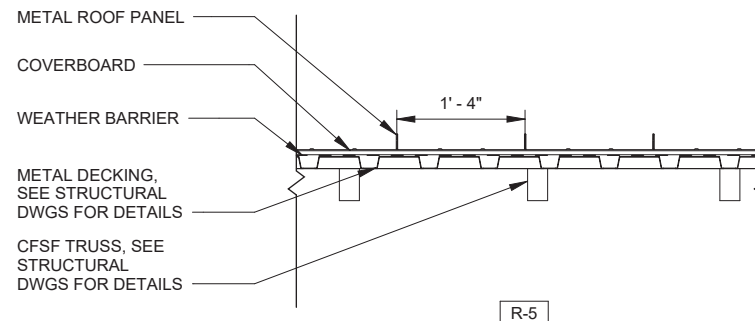
SCALE: NOT TO SCALE



- NOTES:
1. INSTALL DECORATIVE LOUVER WITH SCREEN MESH ON THE INTERIOR SIDE OF CONSTRUCTION. SEE A1/A-606 FOR LOUVER SILL, HEAD, AND JAMB DETAILS.
 2. PROPERLY BEND AND NOTCH METAL FLASHING TO FIT TIGHTLY AROUND DORMER CORNERS AND INTERSECTIONS WITH THE ROOF. THOROUGHLY SEAL ALL JUNCTIONS AND CORNERS WITH ROOFING SEALANT. INSTALL STEP FLASHING UP THE SIDES OF THE DORMER, OVERLAPPING EACH PIECE TO DIRECT WATER AWAY.
 3. CONSTRUCT FALSE DORMER ON TOP OF COMPLETED ROOF COVER BOARD. ENSURE VAPOR BARRIER EDGES REMAIN EXPOSED BETWEEN COVER BOARDS TO LAP UP THE EDGE OF DORMER PRIOR TO THE APPLICATION OF SIDING.
 4. PROVIDE ROOF SOFFIT, FASCIA/TRIM BOARD, AND CORNER TRIM FROM THE SIDING MANUFACTURER FOR A COHESIVE APPEARANCE. SEE A-801 FOR SIDING SPECIFICATION.
 5. THE CONTINUOUS AIR/VAPOR BARRIER THAT RUNS BELOW THE STANDING SEAM R-1 ROOF MUST BE OVERLAPPED PER MANUFACTURES INSTRUCTIONS AND TURN UP AT THE EDGES OF THE DORMER BETWEEN THE SHEATHING AND THE CEMENTITIOUS SHAKE SIDING, AND OVER THE ROOF TO MAINTAIN THE WEATHER BARRIER. THE NON- DUCTED LOUVER MUST HAVE THE WEATHER BARRIER RETURN TO THE ROOF DECK OF THE DORMER OR R-1 PRIOR TO THE INSTALLATION OF R-1 METAL DECKING AND THE LOUVER TO ENSURE THE WEATHER BARRIER PROTECTS THE OPENING.

A1 FALSE DORMER DETAILS

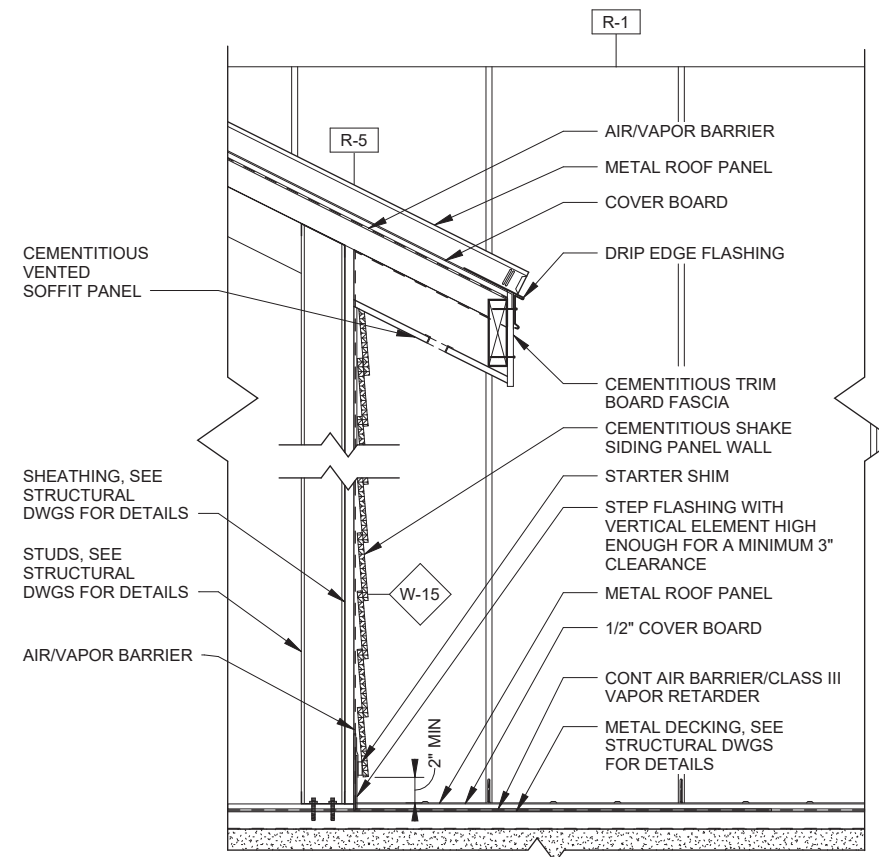
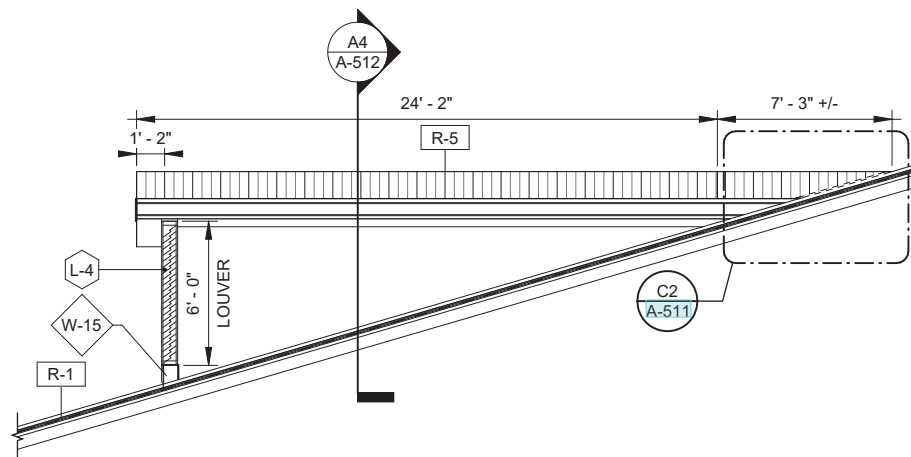
SCALE: 1/4" = 1'-0"



- NOTES:
1. STANDING SEAM METAL ROOFING WITH TWO STRIATIONS PER PANEL.
 2. DORMERS WILL BE FALSE AND UNINSULATED. DORMERS ARE THERMALLY SEPARATED FROM THE BUILDING.
 3. DORMER MUST BE FRAMED AND SHEATHED INDEPENDENTLY FROM MAIN ROOF. THE AIR/VAPOR BARRIER BELOW THE STANDING SEAM METAL DECK WILL CONTINUE BELOW THE DORMER TO CREATE A SEALED AIR ENCLOSURE.
 4. ALL DORMER ROOFS MUST BE PROPERLY FLASHED AND SEALED TO PREVENT WATER INFILTRATION.
 5. SEE STRUCTURAL DWGS FOR BLOCKING, TRUSS AND FRAMING DIMENSIONS, AND SPACING.

C3 DORMER ROOF DETAIL

SCALE: 1" = 1'-0"



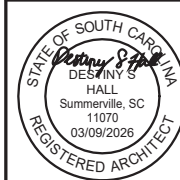
- NOTE:
1. PROVIDE A MINIMUM 1 SQUARE FOOT OF SOFFIT VENT PER 150 SQUARE FOOT OF SOFFIT AREA.

A4 ROOF TO WALL FLASHING DETAIL

SCALE: 1 1/2\"/>

GENERAL NOTES

1. SEE STRUCTURAL DWGS FOR STRUCTURAL FRAMING SIZES, SPACING, AND DIMENSIONS OF DORMER AND SUPPORT BELOW. DORMER WILL BE A DECORATIVE FALSE DORMER BUILT AS A SEPARATE STRUCTURE ON TOP OF THE MAIN ROOF DECK. THE VAPOR BARRIER FROM DORMER TO MAIN ROOF MUST BE MAINTAINED.
2. THE AIR/VAPOR BARRIER CONTINUES FROM THE MAIN ROOF. BELOW THE STANDING SEAM METAL ROOF DECK, BELOW THE DORMER TO MAINTAIN THE SEALED AIR ENCLOSURE. THE BARRIER EXTENDS UP THE SIDES OF THE DORMER AND UNDER THE ROOF TO MAINTAIN A WEATHER RESISTANT BARRIER. THE BARRIER WITHIN THE DORMER IS NOT AN AIR BARRIER DUE TO NON-DUCTED LOUVER.
3. SEE A-605 FOR EXTERIOR FINISH LEGEND.



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NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND

NAVAL STATION - NORFOLK, VA

NAVFAC MID-ATLANTIC

PARRIS ISLAND, SC

N485 TRADITIONS ALL HANDS CLUB

FALSE DORMER DETAILS

MCRD PI

SCALE: AS NOTED

EPROJCT NO.:

CONSTR. CONTR. NO.:

NAVFAC DRAWING NO.:

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A-512

DRAWING REVISION: 25 AUGUST 2020