



FIRE DEPARTMENT ADMINISTRATION BUILDING and POST OFFICE ROOF REPLACEMENTS

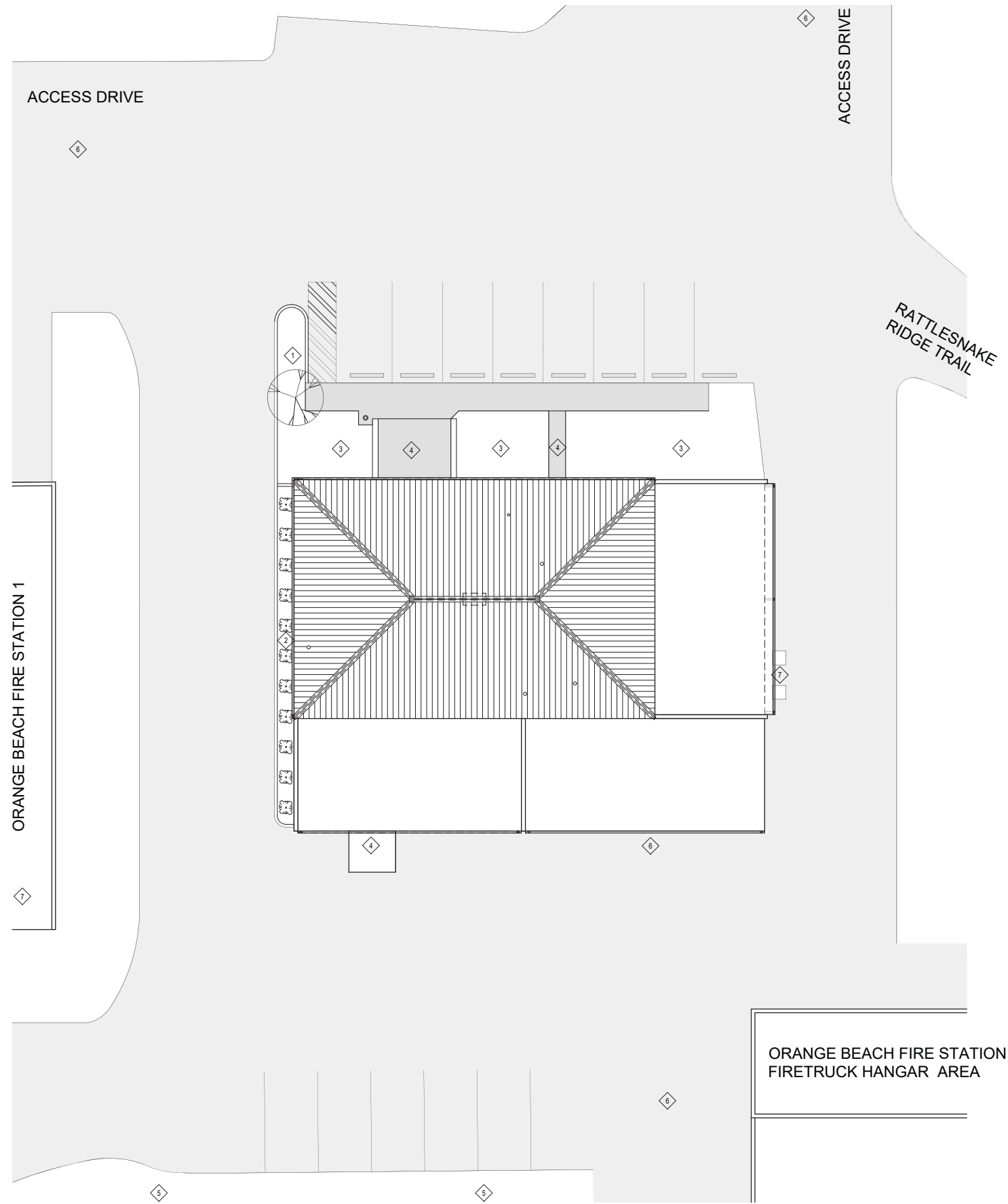
25778 JOHN M. SNOOK DR , ORANGE BEACH, AL 36561



CITY OF ORANGE BEACH CITY-WIDE ROOF REPAIRS
 FIRE DEPARTMENT ADMINISTRATION BUILDING &
 POST OFFICE ROOF REPLACEMENTS
 25863 JOHN M SNOOK DR, ORANGE BEACH, AL 36561

- P:\2022\Projects\1101122-1101-0011 COB TO #3 Citywide Roof Repairs\Working\Architectural\04 Contract Document Phase\Drawings\01_FIRE STATION\G000 Cover.dwg

VICINITY MAP	LOCATION MAP	DRAWING INDEX																																		
		<table border="1"> <tr> <th colspan="2">GENERAL</th> </tr> <tr> <td>G100</td> <td>COVER SHEET & DRAWING INDEX</td> </tr> <tr> <th colspan="2">ARCHITECTURAL: FIRE ADMIN</th> </tr> <tr> <td>FS-AD101</td> <td>DEMOLITION ROOF PLAN</td> </tr> <tr> <td>FS-A100</td> <td>OVERVIEW ROOF PLAN</td> </tr> <tr> <td>FS-A101</td> <td>RE-ROOF PLAN</td> </tr> <tr> <td>FS-A500.1</td> <td>ROOF DETAILS</td> </tr> <tr> <th colspan="2">ARCHITECTURAL: POST OFFICE</th> </tr> <tr> <td>PO-AD101</td> <td>DEMOLITION ROOF PLAN</td> </tr> <tr> <td>PO-A100</td> <td>OVERVIEW ROOF PLAN</td> </tr> <tr> <td>PO-A101</td> <td>RE-ROOF PLAN</td> </tr> <tr> <td>PO-A500</td> <td>ROOF DETAILS</td> </tr> <tr> <th colspan="2">DESIGN TEAM</th> </tr> <tr> <td colspan="2"> WATERMARK DESIGN GROUP, LLC 2970 Cottage Hill Road, Suite 200 Mobile, Alabama 36606 ARCHITECT: John A. McArthur, III, "Sandy", AIA (251) 378-6175 smcarthur@watermarkarch.com THOMPSON ENGINEERING, INC. 2970 Cottage Hill Road, Suite 190 Mobile, Alabama 36606 BUILDING ENVELOPE: Bryce Moore (251) 665-5425 bmoore@thompsonengineering.com Connor Harkey, RRO (251) 285-8252 charkey@thompsonengineering.com </td> </tr> <tr> <td colspan="2"> <small>THIS DRAWING REPRESENTS DESIGNS PREPARED BY WATERMARK DESIGN GROUP, LLC FOR SPECIFIC USE ON THIS PROJECT AND IS NOT TO BE COPIED, REPRODUCED, OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF THE WATERMARK DESIGN GROUP REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. UNAUTHORIZED USE IS SUBJECT TO LEGAL ACTION UNDER STATE AND FEDERAL LAW.</small> </td> </tr> <tr> <td colspan="2"> <small>PROJECT NO: 22-1101-0011</small> <small>REVISIONS:</small> <small>ISSUE DATE:</small> </td> </tr> <tr> <td colspan="2"> <small>SHEET TITLE:</small> COVER & INDEX SHEET <small>SHEET NUMBER:</small> G100 </td> </tr> </table>	GENERAL		G100	COVER SHEET & DRAWING INDEX	ARCHITECTURAL: FIRE ADMIN		FS-AD101	DEMOLITION ROOF PLAN	FS-A100	OVERVIEW ROOF PLAN	FS-A101	RE-ROOF PLAN	FS-A500.1	ROOF DETAILS	ARCHITECTURAL: POST OFFICE		PO-AD101	DEMOLITION ROOF PLAN	PO-A100	OVERVIEW ROOF PLAN	PO-A101	RE-ROOF PLAN	PO-A500	ROOF DETAILS	DESIGN TEAM		WATERMARK DESIGN GROUP, LLC 2970 Cottage Hill Road, Suite 200 Mobile, Alabama 36606 ARCHITECT: John A. McArthur, III, "Sandy", AIA (251) 378-6175 smcarthur@watermarkarch.com THOMPSON ENGINEERING, INC. 2970 Cottage Hill Road, Suite 190 Mobile, Alabama 36606 BUILDING ENVELOPE: Bryce Moore (251) 665-5425 bmoore@thompsonengineering.com Connor Harkey, RRO (251) 285-8252 charkey@thompsonengineering.com		<small>THIS DRAWING REPRESENTS DESIGNS PREPARED BY WATERMARK DESIGN GROUP, LLC FOR SPECIFIC USE ON THIS PROJECT AND IS NOT TO BE COPIED, REPRODUCED, OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF THE WATERMARK DESIGN GROUP REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. UNAUTHORIZED USE IS SUBJECT TO LEGAL ACTION UNDER STATE AND FEDERAL LAW.</small>		<small>PROJECT NO: 22-1101-0011</small> <small>REVISIONS:</small> <small>ISSUE DATE:</small> 		<small>SHEET TITLE:</small> COVER & INDEX SHEET <small>SHEET NUMBER:</small> G100	
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GENERAL NOTES

1. SEE SHEET AD101 FOR DEMOLITION ROOF PLAN
2. SEE SHEET A101 FOR RE-ROOF PLAN
3. SEE SHEET A500.1 FOR RE-ROOF DETAILS
4. SEE PROJECT MANUAL FOR GENERAL REQUIREMENTS AND TECHNICAL SPECIFICATIONS.

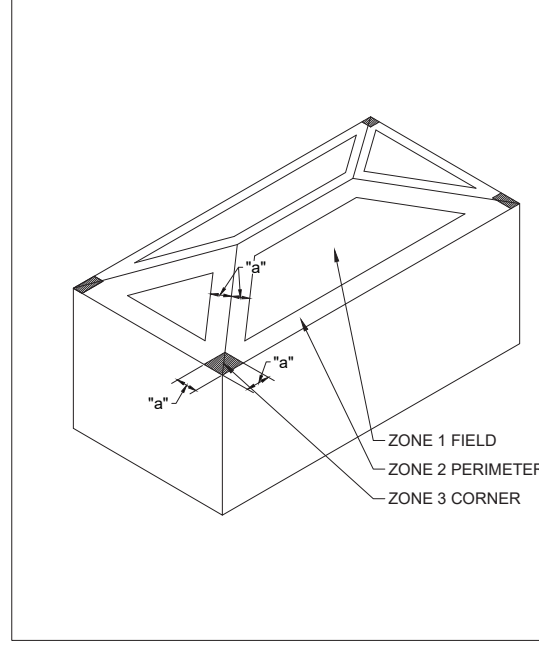
KEYNOTE LEGEND

- 1 EXISTING TREE TO BE PROTECTED FOR THE DURATION OF THE WORK
- 2 EXISTING PLANTING BED AND SHRUBBERIES TO BE PROTECTED FOR THE DURATION OF THE WORK.
- 3 EXISTING GRASSED LAWN TO BE REPAIRED AS REQUIRED DUE TO DAMAGE FROM CONSTRUCTION ACTIVITIES.
- 4 EGRESS PATH TO REMAIN FREE AND CLEAR AT ALL TIMES THAT THE BUILDING IS OCCUPIED.
- 5 CONTRACTOR STAGING AND PARKING AREA.
- 6 DRIVE TO REMAIN CLEAR AT ALL TIMES FOR EMERGENCY VEHICLE ACCESS.
- 7 MECHANICAL EQUIPMENT TO BE PROTECTED FOR THE DURATION OF THE WORK.

WIND LOADS

CATEGORY	IV
EXPOSURE	B
BASIC WIND SPEED	170
BUILDING CONFIGURATION	ENCLOSED
PERIMETER WIDTH "a"	7.5 FEET
HEIGHT	20
SLOPE	6° PER FOOT
ZONE 1 FIELD	64 PSF
ZONE 2 PERIMETER	111.5 PSF
ZONE 3 CORNER	164.8 PSF
ZONE 4 EDGE PERIMETER HORIZONTAL	60 PSF
ZONE 5 EDGE CORNER HORIZONTAL	74 PSF

WIND LOAD DIAGRAM



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

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**CITY OF ORANGE BEACH CITY-WIDE ROOF REPAIRS
FIRE ADMINISTRATION BUILDING &
POST OFFICE ROOF REPLACEMENTS**
25853 JOHN M SNOOK DR, ORANGE BEACH, AL 36561

PROJECT NO: 22-1101-0011
REVISIONS:

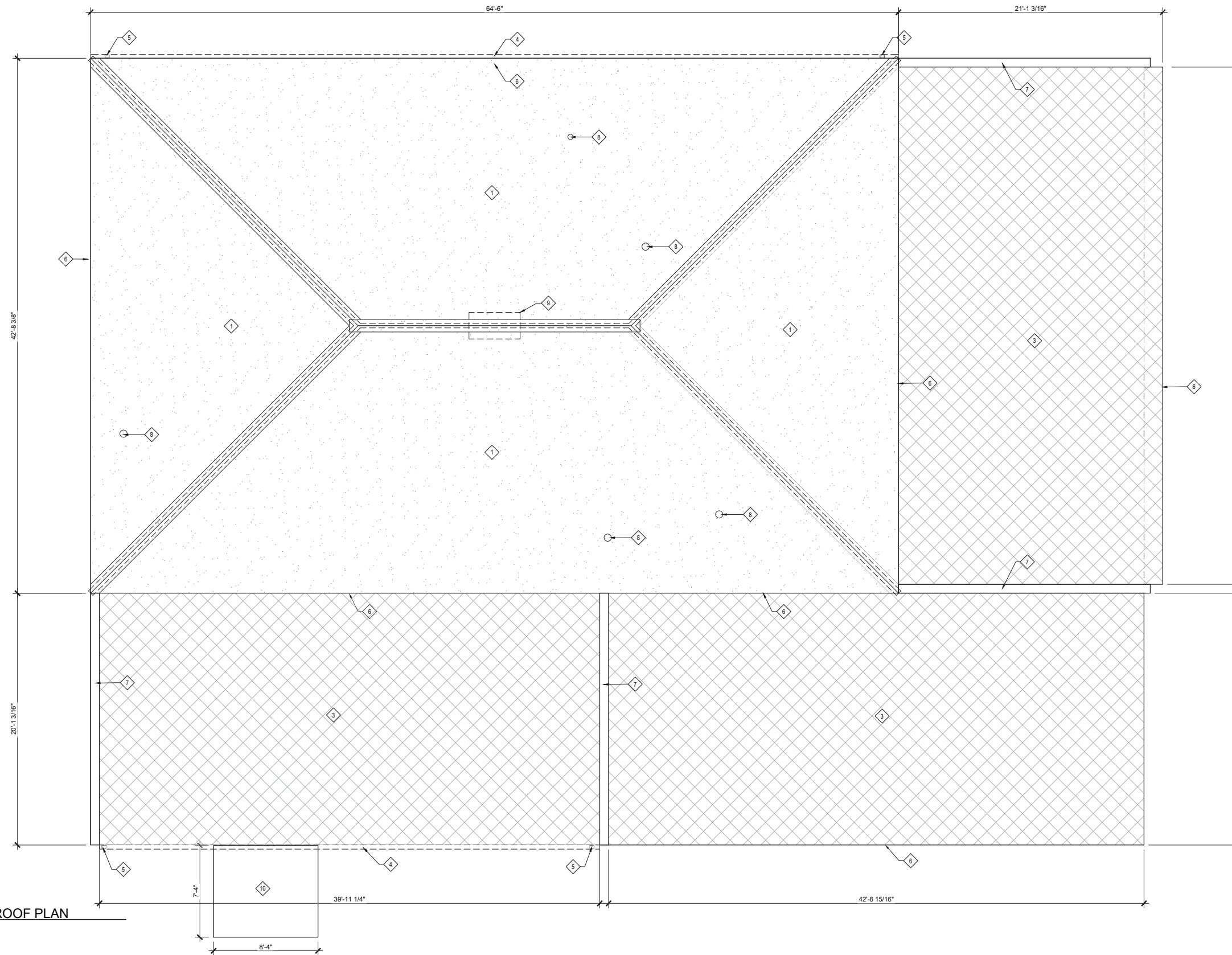
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SHEET TITLE:
OVERVIEW
ROOF PLAN

SHEET NUMBER:
FS-A100

2/22/2022 5:32:06 PM - P:\2022\Projects\1101122-1101-0011 COB TO #3 Citywide Roof Repairs\Working\Architectural\04 Contract Document Phase\Drawings\01_FIRE STATION\FS-AD100 Demo Roof Plan.dwg



DEMOLITION ROOF PLAN
SCALE: 1/4" = 1'-0"

LEGEND:

- SHEET KEYNOTE TAG - SEE KEYNOTE LEGEND FOR DESCRIPTION
- EXISTING CONCRETE TILE ROOFING SYSTEM ON WOOD BATTENS ON FELT UNDERLAYMENT ON PLYWOOD DECK ON WOOD TRUSSES
- EXISTING EXPOSED FASTENER METAL ROOFING PANELS ON EXISTING MEMBRANE ROOFING SYSTEM ON EXISTING PLYWOOD DECK

GENERAL NOTES

1. ALL EXISTING CONDITIONS AND DIMENSIONS TO BE FIELD VERIFIED BY ALL BIDDERS.
2. ALL EXISTING BATTENS, FELT NAILS AND OTHER NON-ESSENTIAL ELEMENTS THAT ARE ATTACHED TO THE EXISTING SHEATHING ARE TO BE REMOVED PRIOR TO INSTALLATION OF ANY COMPONENTS OF THE ROOFING SYSTEM.
3. GENERAL CONTRACTOR IS TO REPORT ANY UNFORESEEN DAMAGE THAT IS ENCOUNTERED AT THE PLYWOOD SUBSTRATE OR STRUCTURE TO THE ARCHITECTS REPRESENTATIVE.

KEYNOTES

- EXISTING CONCRETE TILE ROOFING SYSTEM, INCLUDING WOOD BATTENS AND FELT UNDERLAYMENT TO BE REMOVED IN ITS ENTIRETY. EXISTING PLYWOOD DECK TO REMAIN.
- NOT USED
- EXISTING EXPOSED FASTENER METAL ROOFING SYSTEM TO BE REMOVED TO SURFACE OF EXISTING MEMBRANE ROOFING SYSTEM. EXISTING PLYWOOD DECK AND MEMBRANE ROOF TO REMAIN.
- EXISTING METAL GUTTER TO BE REMOVED IN ITS ENTIRETY, INCLUDING STRAPS AND LEAF-GUARD SCREEN WHERE INSTALLED.
- EXISTING METAL DOWNSPOUTS TO BE REMOVED IN THEIR ENTIRETY, INCLUDING STRAPS.
- EXISTING METAL DRIP EDGE TO BE REMOVED.
- EXISTING METAL CAP FLASHING TO BE REMOVED.
- EXISTING LEAD PLUMBING VENT FLASHING TO BE REMOVED. VENT PIPE TO REMAIN.
- EXISTING CUPOLA ROOF VENT TO BE REMOVED IN ITS ENTIRETY.
- EXISTING AWNING TO BE REMOVED AND REINSTALLED AS REQUIRED FOR INSTALLATION OF NEW ROOF SYSTEM.

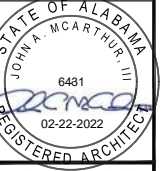
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CITY OF ORANGE BEACH CITY-WIDE ROOF REPAIRS
FIRE ADMINISTRATION BUILDING & POST OFFICE ROOF REPLACEMENTS
25863 JOHN M SNOOK DR, ORANGE BEACH, AL 36561

PROJECT NO: 22-1101-0011

REVISIONS:

ISSUE DATE:



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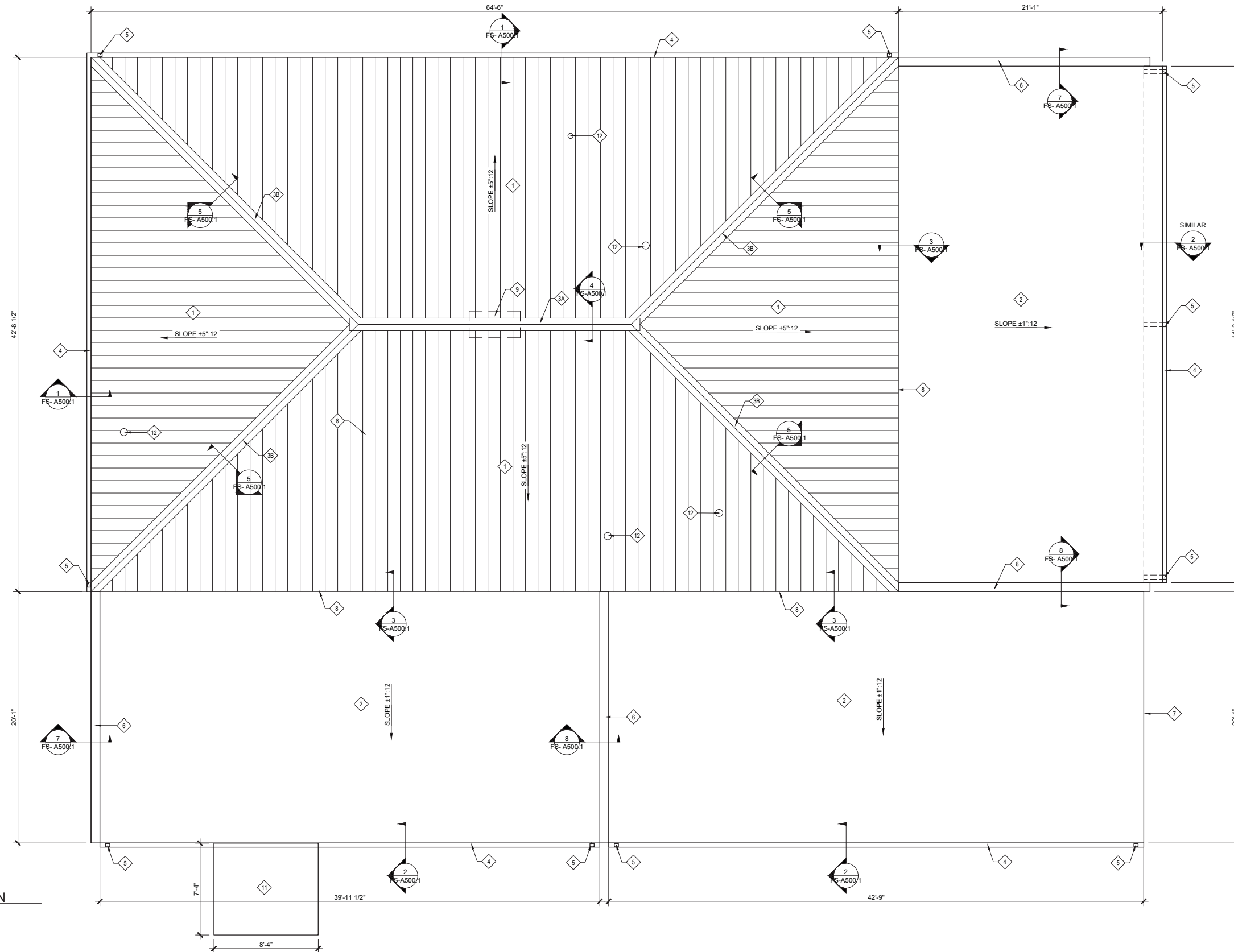
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DEMOLITION ROOF PLAN

SHEET NUMBER:

FS-AD101

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RE-ROOF PLAN
SCALE: 1/4" = 1'-0"

SYMBOLS LEGEND:

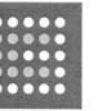
- SHEET KEYNOTE TAG
SEE KEYNOTE LEGEND FOR DESCRIPTION
- SECTION NUMBER
SECTION CUT TAG
SECTION LOCATION
- NEW STANDING SEAM METAL ROOFING SYSTEM, ON SELF-ADHERING MEMBRANE UNDERLAYMENT ON EXISTING PLYWOOD DECK. (SEE GENERAL NOTE 2)

GENERAL NOTES

1. EXISTING CONDITIONS AND DIMENSIONS TO BE FIELD VERIFIED BY ALL BIDDERS.
2. EXISTING PLYWOOD DECK TO RECEIVE ADDITIONAL FASTENERS AS REQUIRED TO PROVIDE FASTENERS AT 6" O/C AT SUPPORTED PANEL EDGES AND 12" O/C AT INTERMEDIATE SUPPORTS.
3. GENERAL CONTRACTOR IS TO REPORT ANY UNFORESEEN DAMAGE THAT IS ENCOUNTERED AT THE PLYWOOD SUBSTRATE OR STRUCTURE TO THE ARCHITECTS REPRESENTATIVE.

KEYNOTE LEGEND

- NEW STANDING SEAM METAL ROOFING SYSTEM, ON SELF-ADHERING MEMBRANE UNDERLAYMENT ON EXISTING PLYWOOD DECK. (SEE GENERAL NOTE 2)
- NEW FULLY ADHERED MEMBRANE ROOFING SYSTEM ON 1/2" COVERBOARD ON EXISTING PLYWOOD ROOF DECK.
- NEW VENTED METAL CAP FLASHING AT RIDGE. CUT EXISTING DECK AT RIDGE TO PROVIDE REQUIRED AREA FOR VENTILATION - SEE DETAIL 4/FS-A500.1.
- NEW NON-VENTED METAL CAP FLASHING AT HIP - SEE DETAIL 5/FS-A500.1.
- NEW 4" X 4" METAL GUTTER - SEE DETAIL 1/FS-A500.1.
- NEW 3" X 3" METAL DOWNSPOUT, PROVIDE 3 STRAPS AT EACH LOCATION.
- NEW METAL CAP FLASHING.
- NEW METAL RAKE EDGE FLASHING
- NEW METAL DRIP EDGE FLASHING
- EXISTING ROOF OPENING RESULTING FROM REMOVAL OF CUPOLA ROOF VENT TO BE INFILLED WITH PLYWOOD SHEATHING TO MATCH ADJACENT CONSTRUCTION. REPLACE WHOLE OR HALF SHEETS TO PROVIDE PROPER BEARING AND FASTENING.
- NOT USED
- EXISTING AWNING TO BE REMOVED AND REINSTALLED AS REQUIRED FOR INSTALLATION OF NEW ROOF SYSTEM.
- NEW PLUMBING VENT FLASHING AT EXISTING 3" AND 4" PVC VENT STACK THROUGH ROOF.



PROJECT NO: 22-1101-0011

REVISIONS:

NO.	DATE	DESCRIPTION

ISSUE DATE:



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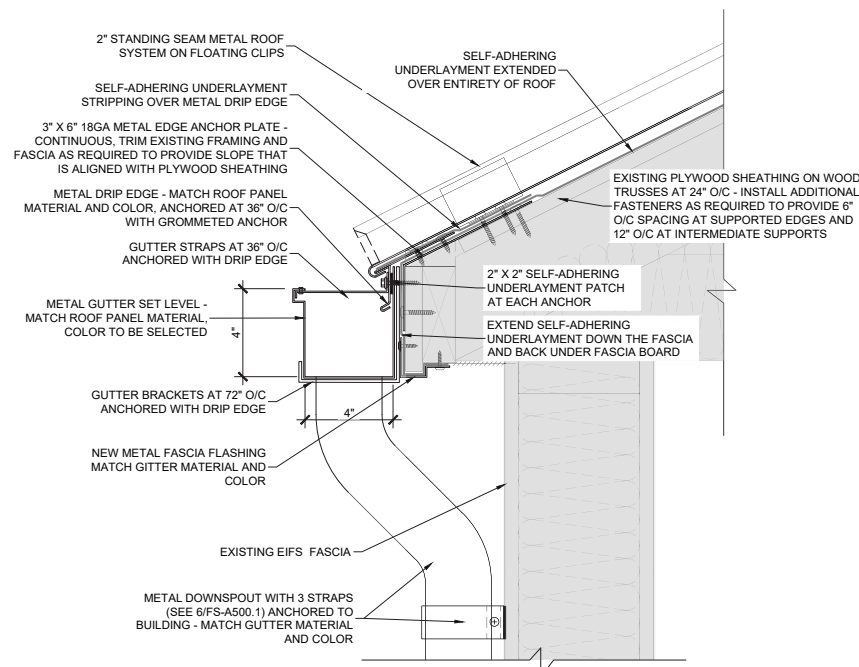
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RE-ROOF PLAN

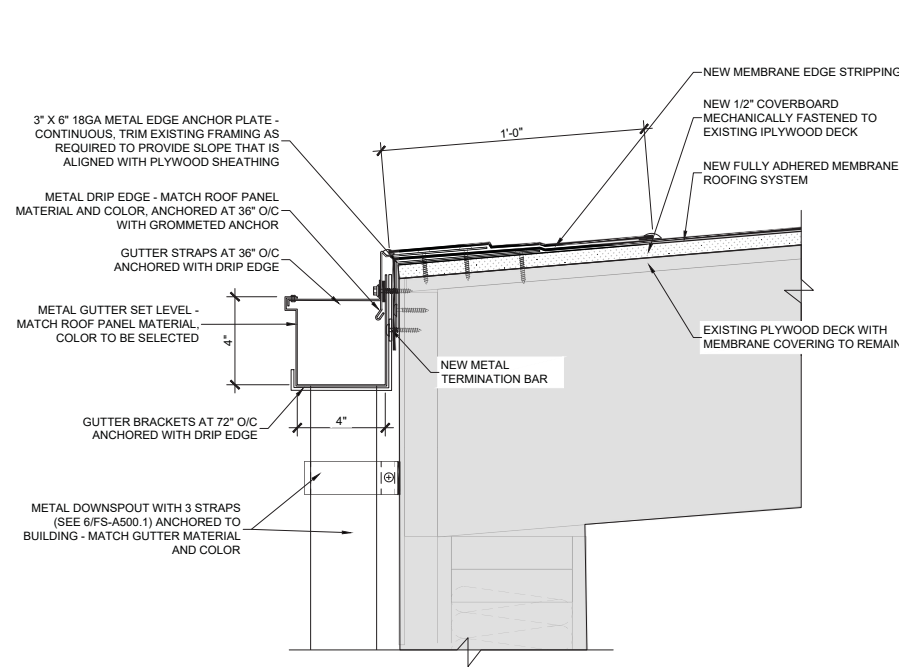
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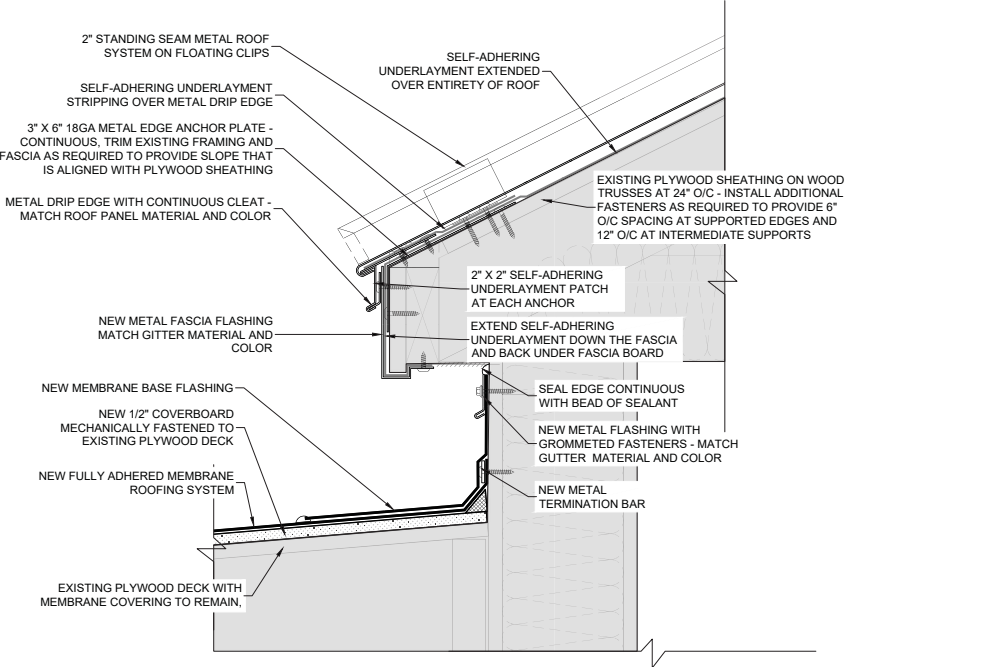
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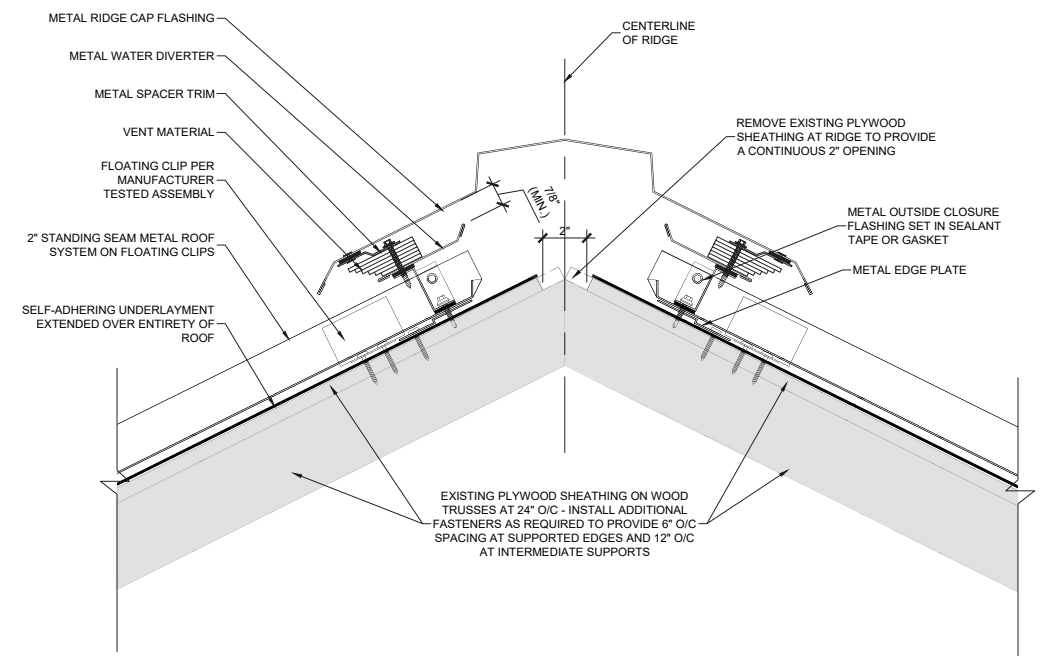
1 ROOF EDGE DETAIL
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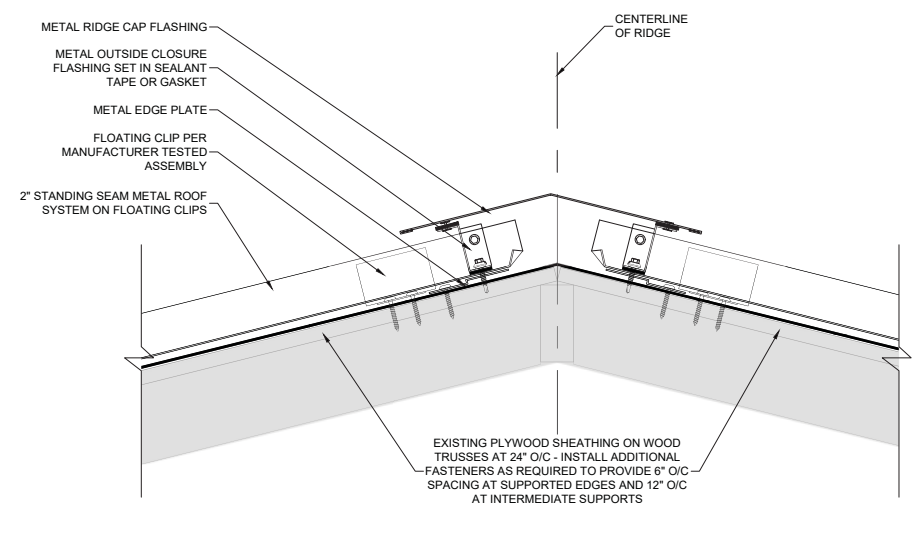
2 ROOF EDGE DETAIL
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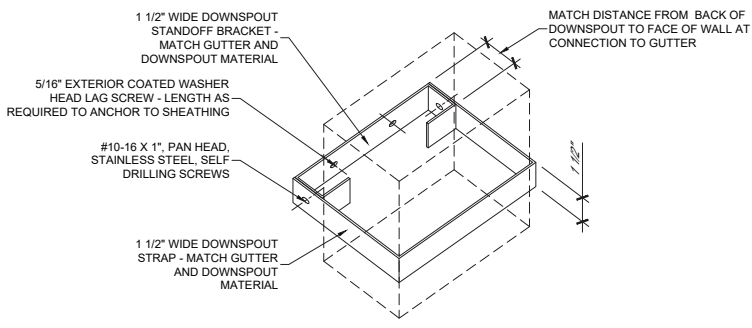
3 ROOF TRANSITION DETAIL
SCALE: 3"=1'-0"



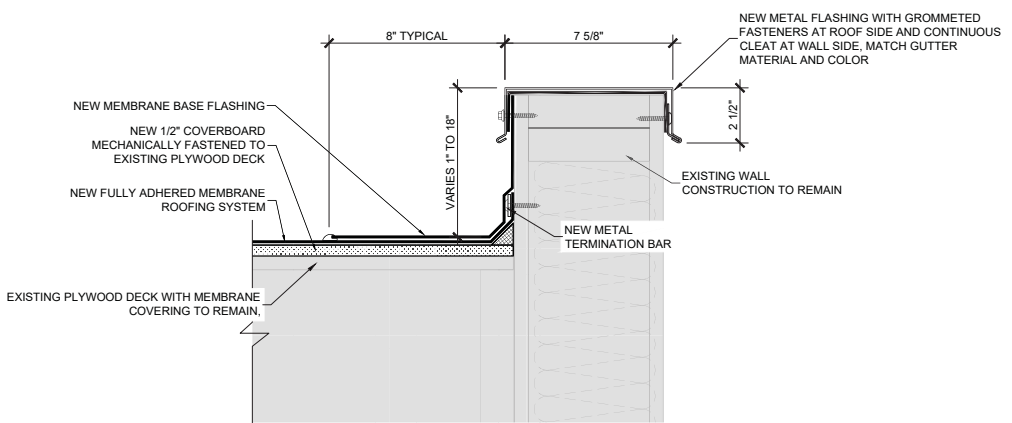
4 VENTED RIDGE CAP FLASHING DETAIL
SCALE: 3"=1'-0"



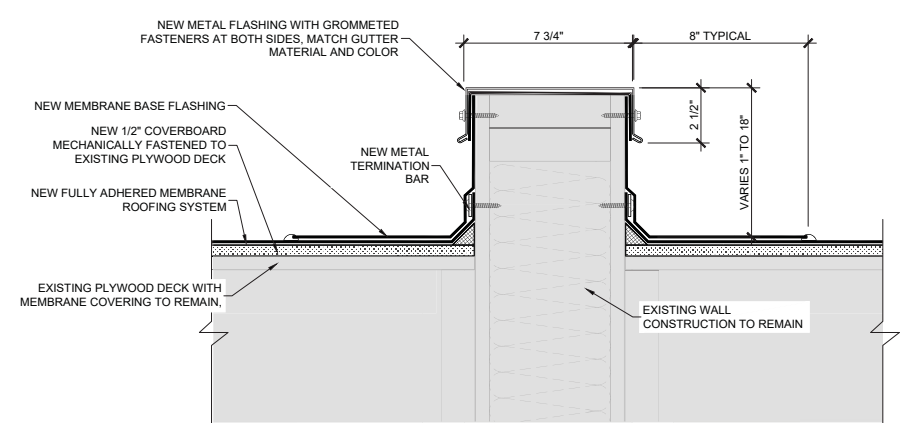
5 HIP CAP FLASHING DETAIL
SCALE: 3"=1'-0"



6 GUTTER STRAP
SCALE: NOT TO SCALE



7 PARAPET WALL DETAIL
SCALE: 3"=1'-0"



8 ROOF TRANSITION DETAIL
SCALE: 3"=1'-0"

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25863 JOHN M SNOOK DR, ORANGE BEACH, AL 36561

PROJECT NO: 22-1101-0011

REVISIONS:

ISSUE DATE:
STATE OF ALABAMA
JOHN A. MCARTHUR, III
6431
02-22-2022
REGISTERED ARCHITECT

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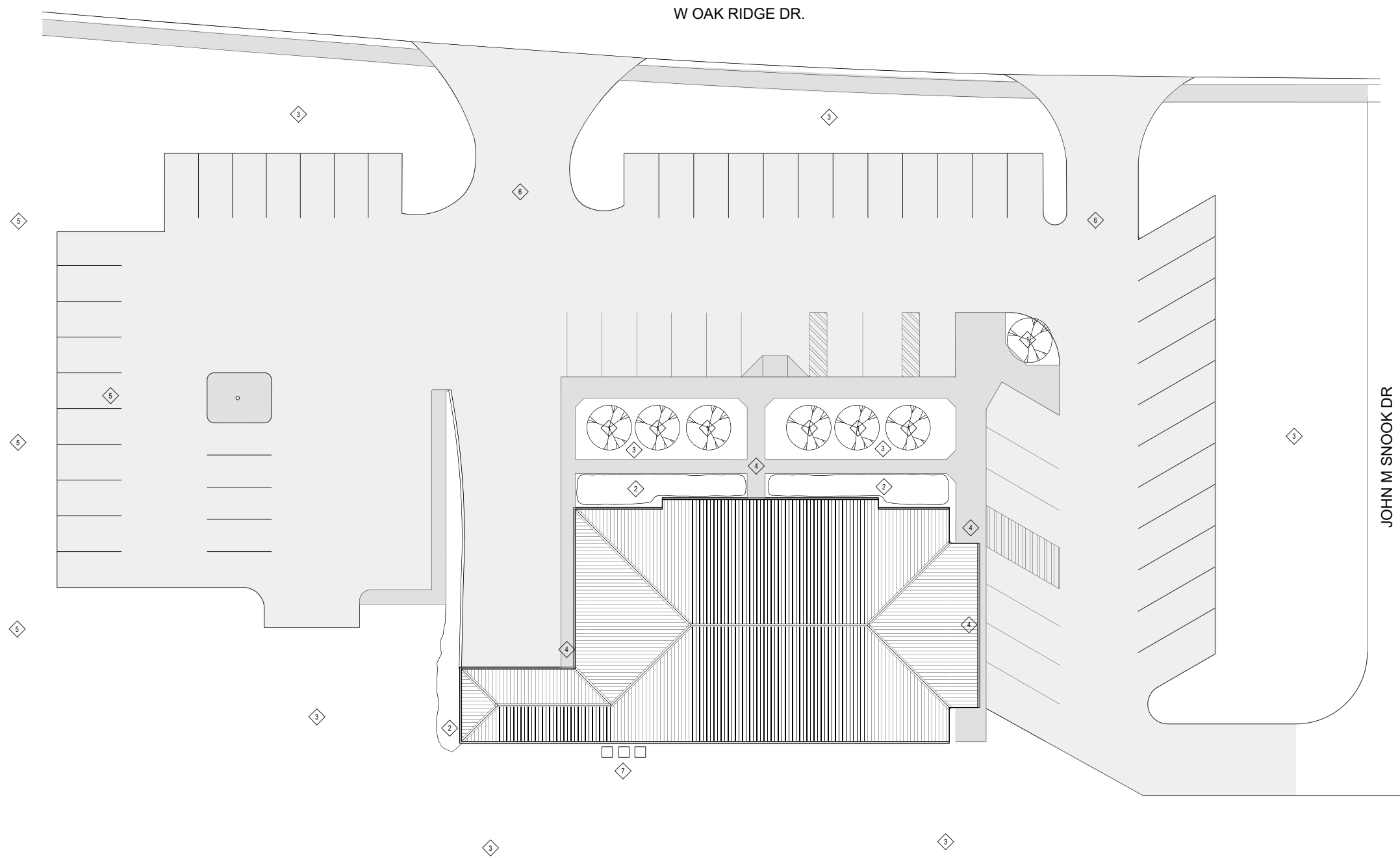
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A500 DETAILS - A500.1

SHEET NUMBER:

FS-A500.1

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

GENERAL NOTES

1. SEE SHEET PO-AD101 FOR DEMOLITION ROOF PLAN
2. SEE SHEET PO-A101 FOR RE-ROOF PLAN
3. SEE SHEET PO-A500.1 FOR RE-ROOF DETAILS
4. SEE PROJECT MANUAL FOR GENERAL REQUIREMENTS AND TECHNICAL SPECIFICATIONS.

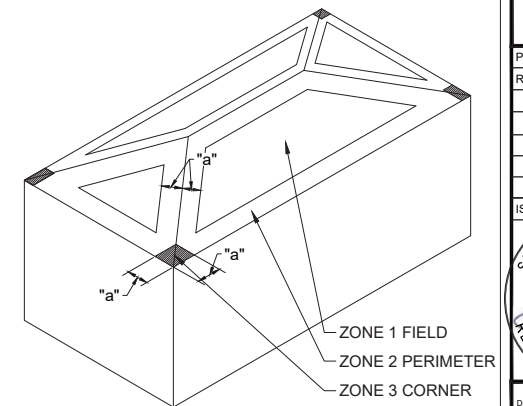
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WIND LOADS

CATEGORY	IV
EXPOSURE	B
BASIC WIND SPEED	170
BUILDING CONFIGURATION	ENCLOSED
PERIMETER WIDTH "a"	7.5 FEET
HEIGHT	20
SLOPE	6° PER FOOT
ZONE 1 FIELD	64 PSF
ZONE 2 PERIMETER	111.5 PSF
ZONE 3 CORNER	164.8 PSF
ZONE 4 EDGE PERIMETER HORIZONTAL	60 PSF
ZONE 5 EDGE CORNER HORIZONTAL	74 PSF

WIND LOAD DIAGRAM



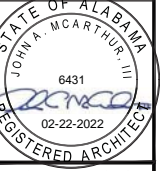
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25853 JOHN M SNOOK DR, ORANGE BEACH, AL 36561

PROJECT NO: 22-1101-0011

REVISIONS:

ISSUE DATE: 02-22-22



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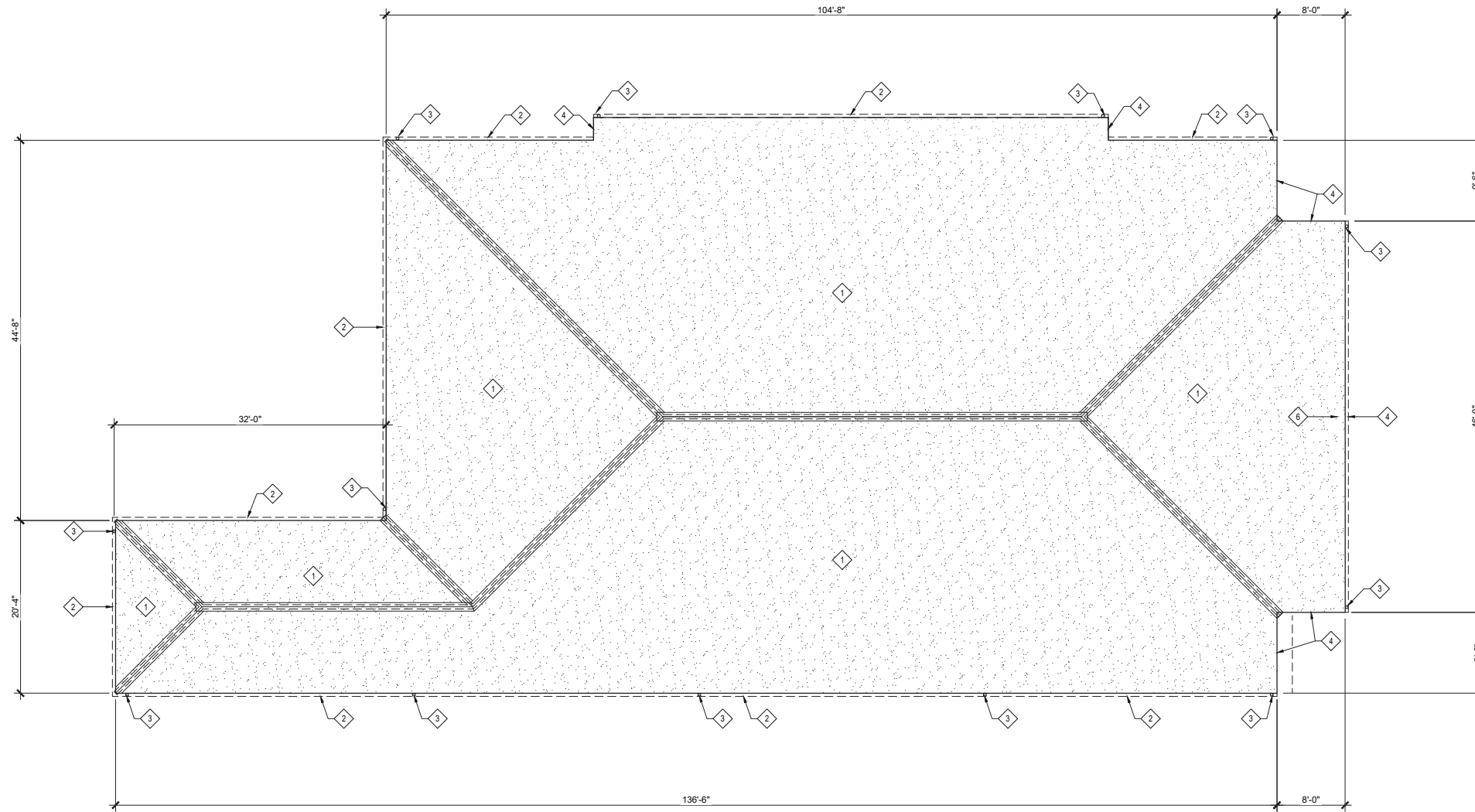
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OVERVIEW ROOF PLAN

SHEET NUMBER:

PO-A100

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DEMOLITION ROOF PLAN
SCALE: 1/8" = 1'-0"

LEGEND:

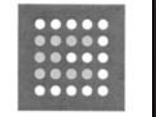
- SHEET KEYNOTE TAG
SEE KEYNOTE LEGEND FOR
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UNDERLAYMENT ON PLYWOOD DECK ON
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- EXISTING METAL DOWNSPOUTS TO BE REMOVED IN THEIR ENTIRETY, INCLUDING STRAPS.
- EXISTING METAL RAKE FLASHING TO BE REMOVED.
- EXISTING METAL VALLEY FLASHING TO BE REMOVED.
- EXISTING LEAD PLUMBING VENT FLASHING TO BE REMOVED. VENT PIPE TO REMAIN.



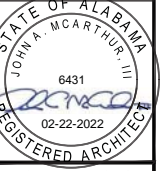
**CITY OF ORANGE BEACH CITY-WIDE ROOF REPAIRS
FIRE ADMINISTRATION BUILDING &
POST OFFICE ROOF REPLACEMENTS**
25853 JOHN M SNOOK DR, ORANGE BEACH, AL 36561

PROJECT NO: 22-1101-0011

REVISIONS:

NO.	DESCRIPTION

ISSUE DATE: 02-22-22

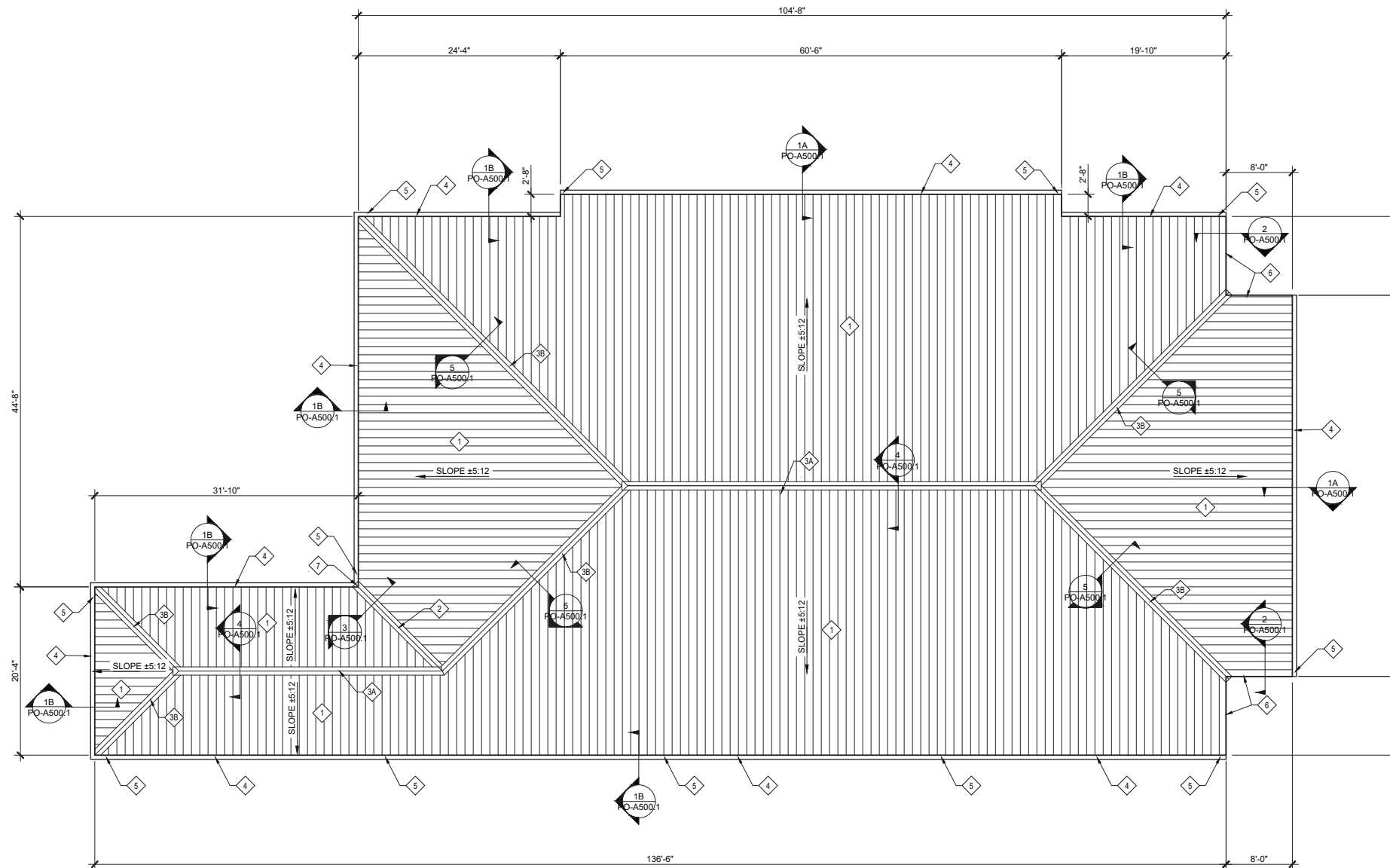


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











SHEET TITLE:
DEMOLITION
ROOF PLAN

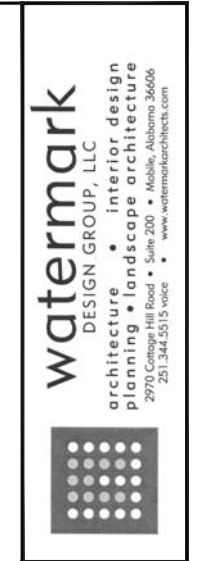
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2/22/2022 12:19:03 PM - C:\Users\mcarthur\OneDrive - Thompson Engineering\Documents\01 PROJECTS\22-1101-0011 COB TO #3 Citywide Roof Repairs\Drawings\02_POST OFFICE\PO-A101 Re-Roof Plan.dwg



RE-ROOF PLAN
SCALE: 1/4" = 1'-0"

SYMBOLS LEGEND:	GENERAL NOTES	KEYNOTE LEGEND
<p>  SHEET KEYNOTE TAG SEE KEYNOTE LEGEND FOR DESCRIPTION  SECTION NUMBER SECTION CUT TAG SECTION LOCATION  NEW STANDING SEAM METAL ROOFING SYSTEM, ON SELF-ADHERING MEMBRANE UNDERLAYMENT ON EXISTING PLYWOOD DECK. (SEE GENERAL NOTE 2) </p>	<ol style="list-style-type: none"> EXISTING CONDITIONS AND DIMENSIONS TO BE FIELD VERIFIED BY ALL BIDDERS. EXISTING PLYWOOD DECK TO RECEIVE ADDITIONAL FASTENERS AS REQUIRED TO PROVIDE FASTENERS AT 8" O/C AT SUPPORTED PANEL EDGES AND 12" O/C AT INTERMEDIATE SUPPORTS. GENERAL CONTRACTOR IS TO REPORT ANY UNFORESEEN DAMAGE THAT IS ENCOUNTERED AT THE PLYWOOD SUBSTRATE OR STRUCTURE TO THE ARCHITECTS REPRESENTATIVE. 	<p>  NEW STANDING SEAM METAL ROOFING SYSTEM, ON SELF-ADHERING MEMBRANE UNDERLAYMENT ON EXISTING PLYWOOD DECK. (SEE GENERAL NOTE 2)  NEW METAL VALLEY FLASHING - SEE DETAIL 4/PO-A500.1.  NEW VENTED METAL CAP FLASHING AT RIDGE. CUT EXISTING DECK AT RIDGE TO PROVIDE REQUIRED AREA FOR VENTILATION - SEE DETAIL 4/PO-A500.1.  NEW NON-VENTED METAL CAP FLASHING AT HIP - SEE DETAIL 5/PO-A500.1.  NEW 4" X 4" METAL GUTTER - SEE DETAIL 1/PO-A500.1.  NEW 3" X 3" METAL DOWNSPOUT, PROVIDE 3 STRAPS AT EACH LOCATION.  NEW METAL RAKE EDGE FLASHING  PROVIDE SPLASH GUARD/DIVERTER AT OUTSIDE EDGE OF NEW GUTTER WHERE VALLEY TERMINATES AT INSIDE CORNER CONDITION.  NEW PLUMBING VENT FLASHING AT EXISTING 3" AND 4" PVC VENT STACK THROUGH ROOF. </p>



CITY OF ORANGE BEACH CITY-WIDE ROOF REPAIRS
 FIRE ADMINISTRATION BUILDING &
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 25863 JOHN M SNOOK DR, ORANGE BEACH, AL 36561

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REVISIONS:

ISSUE DATE: 02-22-22

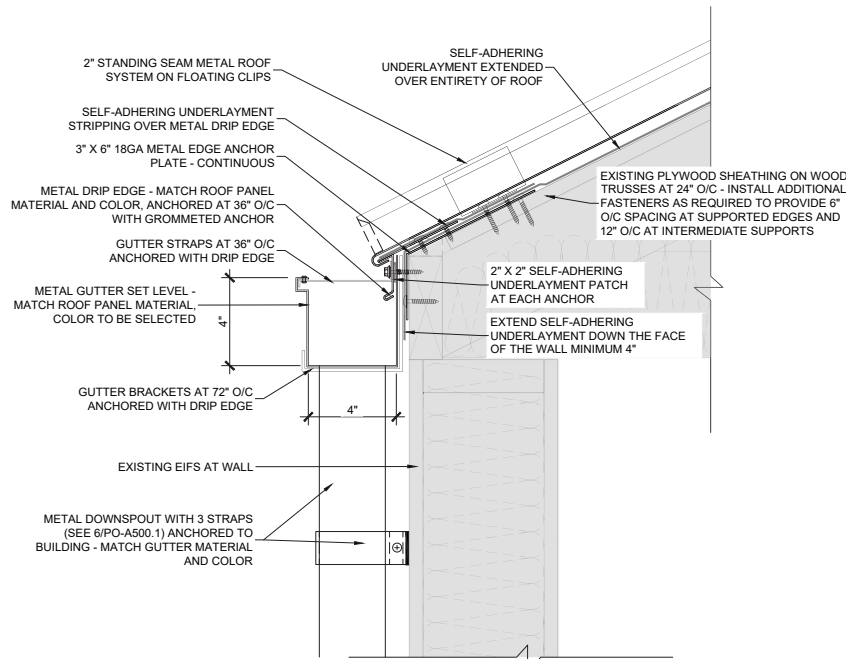
STATE OF ALABAMA
 JOHN M. MCARTHUR, III
 6431
 02-22-2022
 REGISTERED ARCHITECT

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RE-ROOF PLAN

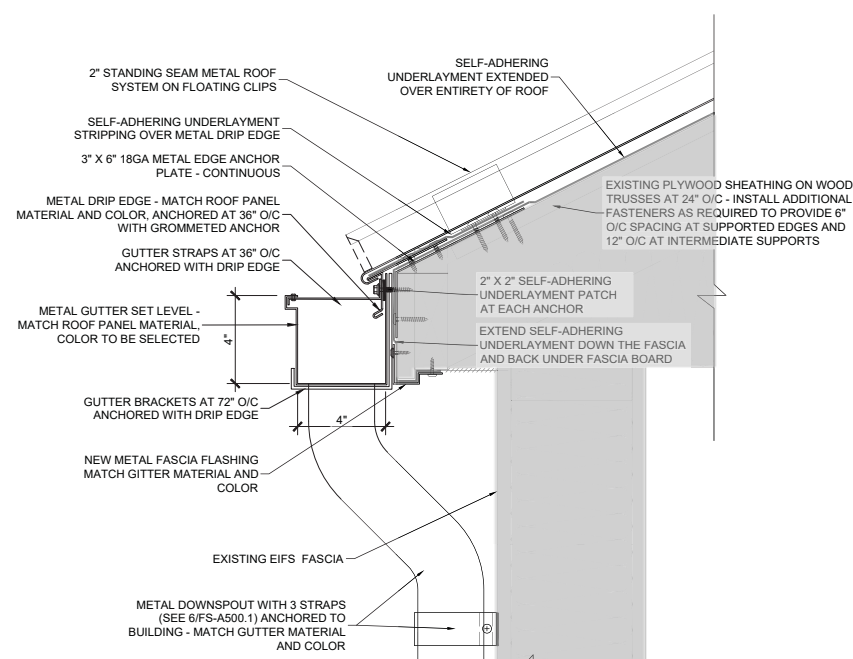
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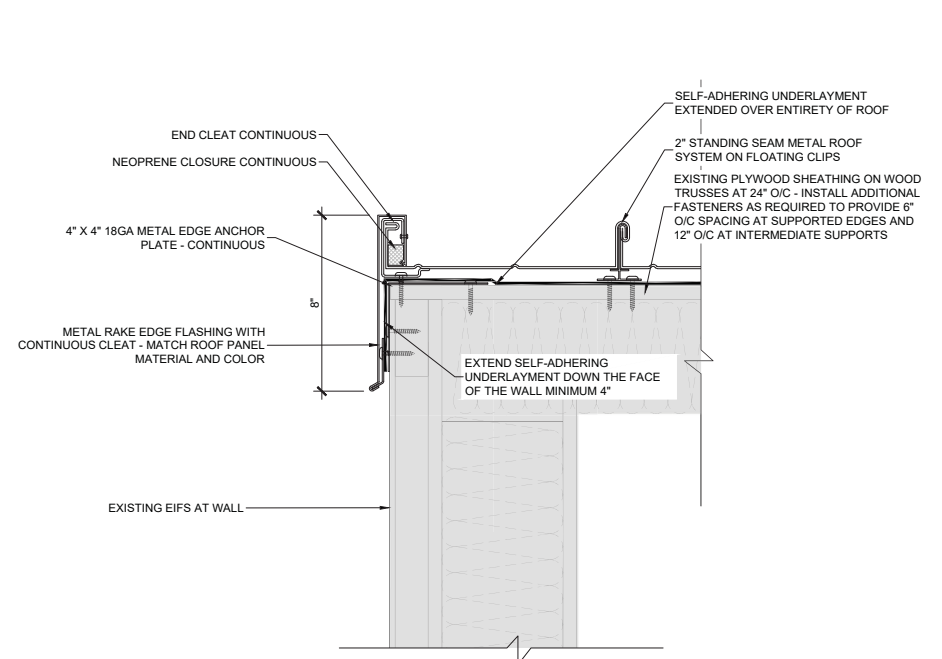
1A ROOF EDGE DETAIL
SCALE: 3"=1'-0"

EXISTING CONSTRUCTION TO REMAIN



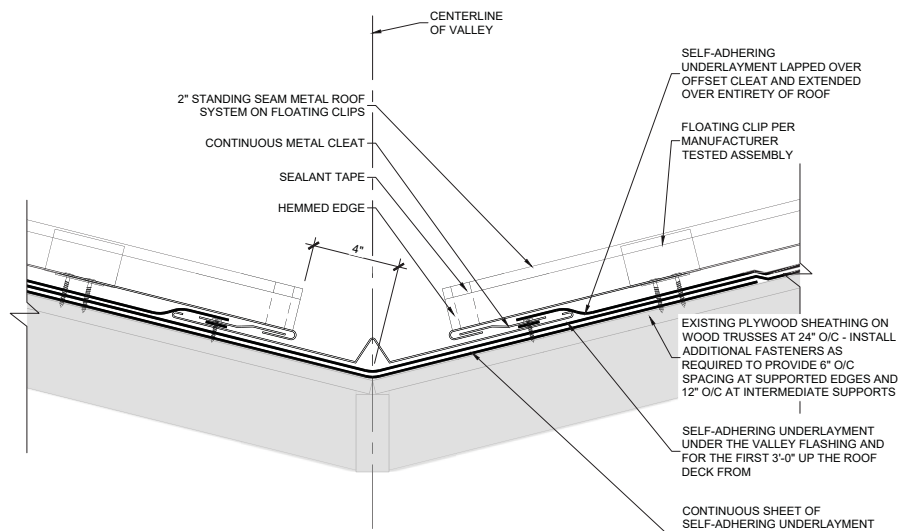
1B ROOF EDGE DETAIL
SCALE: 3"=1'-0"

EXISTING CONSTRUCTION TO REMAIN



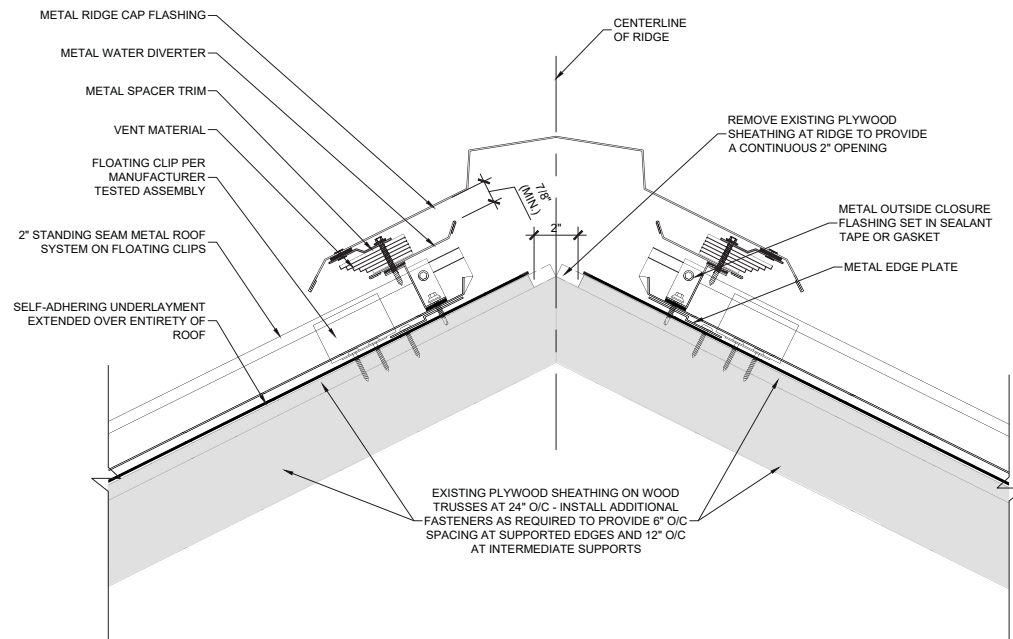
2 RAKE EDGE DETAIL
SCALE: 3"=1'-0"

EXISTING CONSTRUCTION TO REMAIN



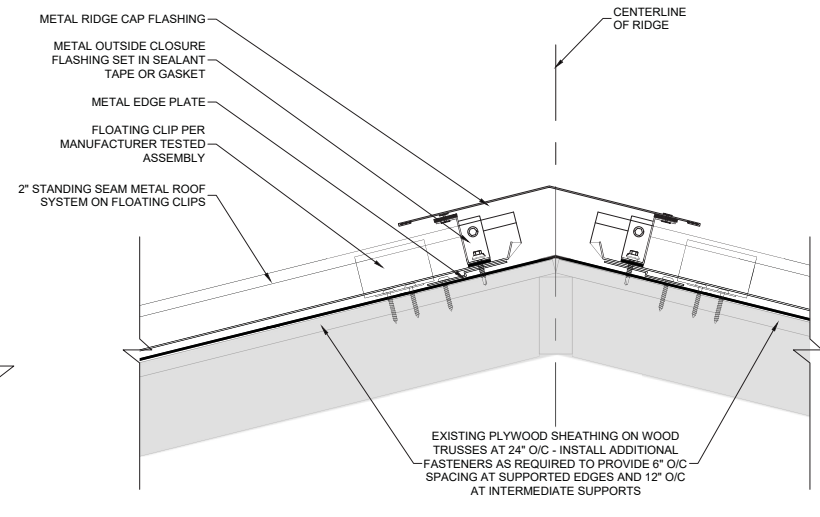
3 VALLEY FLASHING DETAIL
SCALE: 3"=1'-0"

EXISTING CONSTRUCTION TO REMAIN



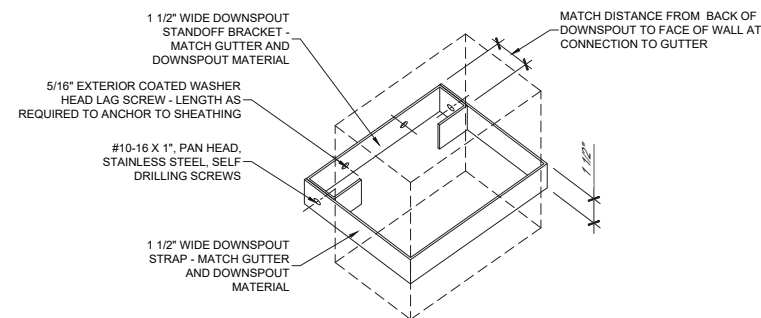
4 VENTED RIDGE CAP FLASHING DETAIL
SCALE: 3"=1'-0"

EXISTING CONSTRUCTION TO REMAIN



5 HIP CAP FLASHING DETAIL
SCALE: 3"=1'-0"

EXISTING CONSTRUCTION TO REMAIN



6 GUTTER STRAP
SCALE: NOT TO SCALE

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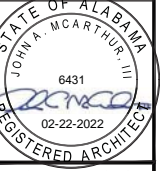
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SHEET TITLE:

ROOF DETAILS

SHEET NUMBER:

PO-A500.1