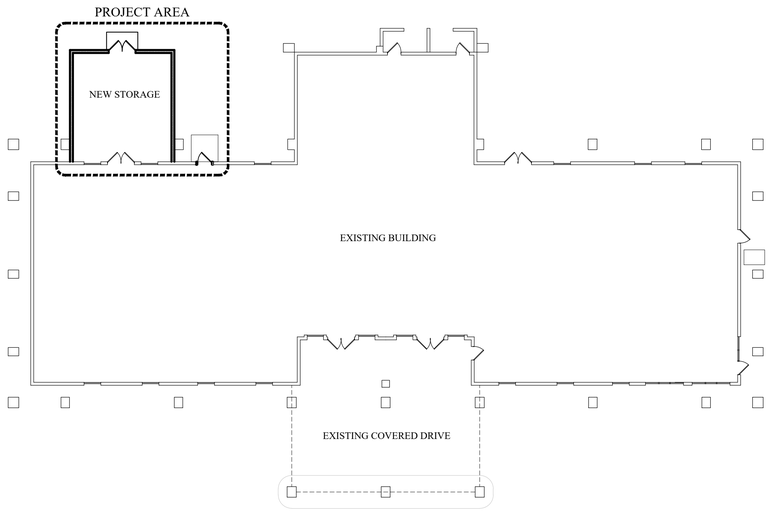
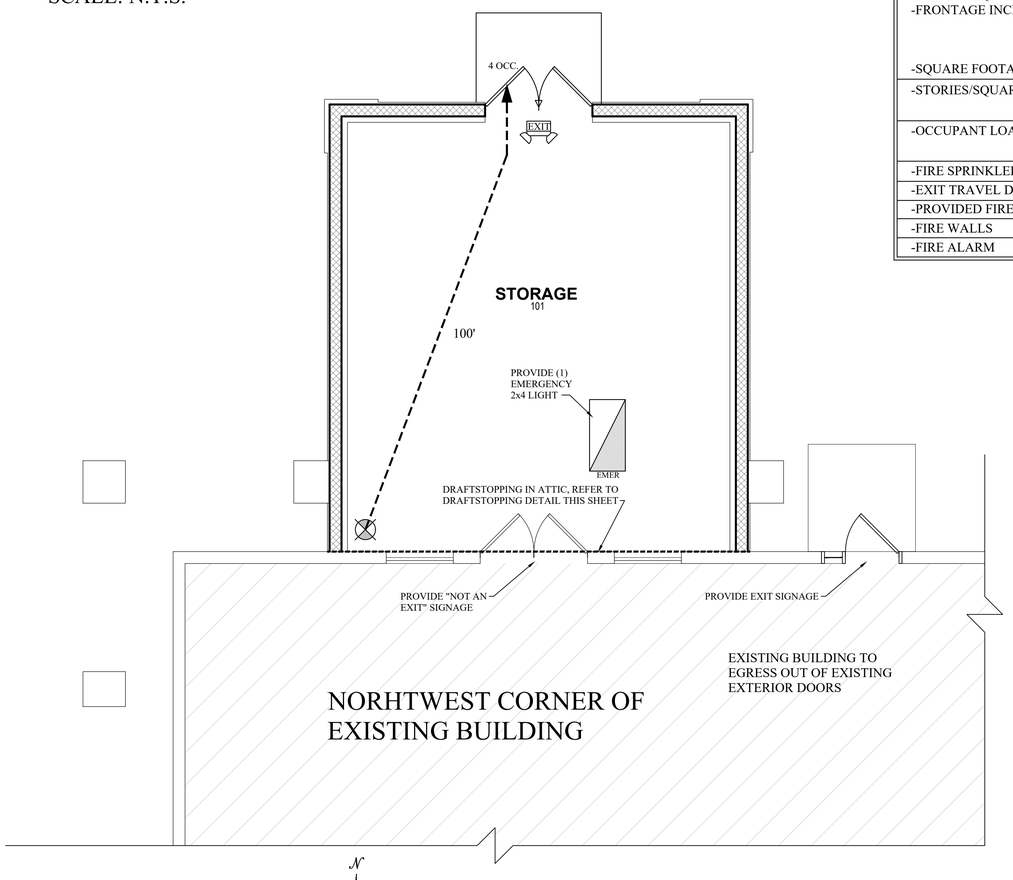


KEY PLAN
SCALE: N.T.S.

A NEW ADDITION FOR ORANGE BEACH COMMUNITY CENTER
ORANGE BEACH ALABAMA

BUILDING CODE SUMMARY	
-2018 INTERNATIONAL BUILDING CODE -2018 INTERNATIONAL PLUMBING CODE -2018 INTERNATIONAL FIRE CODE -2018 INTERNATIONAL MECHANICAL CODE -2017 NATIONAL ELECTRIC CODE	
PROJECT DATA	
-CONSTRUCTION TYPE:	VB, UNSPRINKLERED
-OCCUPANCY	A3
-STORIES/SQUARE FOOTAGE ALLOWED	1/6,000 S.F.
-FRONTAGE INCREASE (IBC 2018 506.3.3)	ENTIRE BUILDING PERIMETER HAS OPEN SPACE GREATER THAN 30' INCREASE = (1-.25) 30/30 = 4,500 S.F.
-SQUARE FOOTAGE ALLOWED PLUS FRONTAGE INCREASE	10,500 SQ.FT.
-STORIES/SQUARE FOOTAGE ACTUAL	NEW ADDITION =1/536 S.F. EXISTING = 1/8,211 S.F. TOTAL = 1/8,747 S.F.
-OCCUPANT LOAD	NEW ADDITION = 2 OCC. EXISTING = 299 OCC. (EXISTING BUILDING DOESN'T EXIT THRU THIS NEW ADDITION)
-FIRE SPRINKLER	NONE
-EXIT TRAVEL DISTANCE	<200'
-PROVIDED FIRE EXTINGUISHER	IN EXISTING SPACE
-FIRE WALLS	NONE REQUIRED
-FIRE ALARM	TIE INTO EXISTING FIRE ALARM

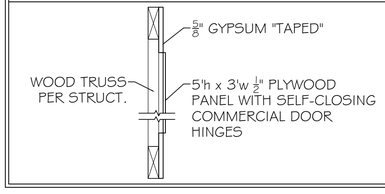


LIFE SAFETY PLAN
SCALE: 1/4" = 1'-0"

LEGEND

- 47' — DISTANCE IN FEET, EXIT TRAVEL DISTANCE
- EXIT — EXIT SIGN WITH EMERGENCY LIGHTING
- EXIT — ARROW INDICATES DIRECTION EXIT SIGN
- EMER — EMERGENCY LIGHTS
- FEC — FIRE EXTINGUISHER

DRAFT STOP DETAIL



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GENERAL NOTES ON A1.O

SHEET INDEX

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State of Alabama
Stedman B. McCollough
4305
Registered Architect

A NEW ADDITION FOR ORANGE BEACH COMMUNITY CENTER
ORANGE BEACH, ALABAMA

JOB NO.:
DRAWN: CLT
CHECKED: SBM
DATE: 2023.08.24
REVISION:

SCALE:

SHEET NO.:
T1.0
COVER SHEET & LIFE SAFETY PLAN

ACCESSIBLE NOTES:

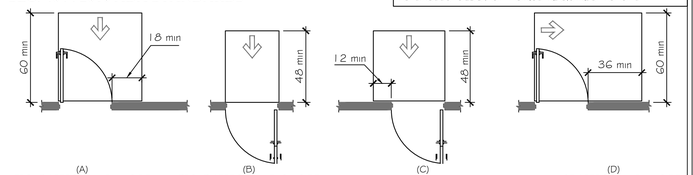
1/A1.0 ADA COMPLIANCE DOOR SWINGS AND CLEARANCES

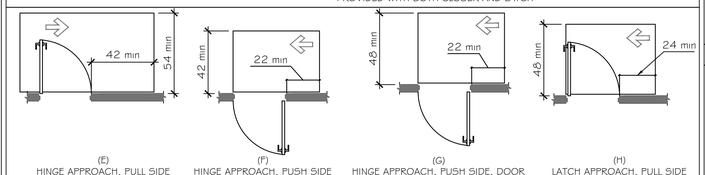
309.4 OPERATION. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5# MAXIMUM.

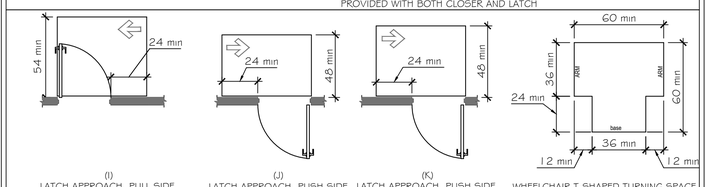
404.2.7 DOOR & GATE HARDWARE. DOOR HARDWARE THAT CAN BE OPERATED WITH A CLOSED FIST OR A LOOSE GRIP ACCOMMODATES THE GREATEST RANGE OF USERS. HARDWARE THAT REQUIRES SIMULTANEOUS HAND AND FINGER MOVEMENTS REQUIRE GREATER DEXTERITY AND COORDINATION, AND IS NOT RECOMMENDED.

DOOR PULLS TO HAVE ACCESSIBLE LEVERS AND NOT TO EXCEED 5LBS. OF FORCE REQUIRED TO OPEN

SEC. 404 : 2010 ADA STANDARDS



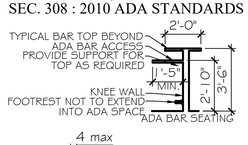




2/A1.0 REACH /PROTRUDING OBJECTS

THE FOLLOWING DIAGRAMS SHALL BE TYPICAL FOR ALL ADA COMPLIANT CONDITIONS FOR MOUNTED OBJECTS: (INCLUDING BUT NOT LIMITED TO HAND DRYERS; SOAP DISPENSERS; AND PAPER TOWEL DISPENSERS

SEC. 308 : 2010 ADA STANDARDS



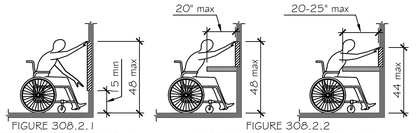
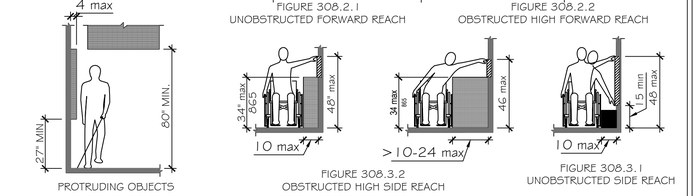


FIGURE 308.2.1 UNOBSTRUCTED FORWARD REACH

FIGURE 308.2.2 OBSTRUCTED HIGH FORWARD REACH



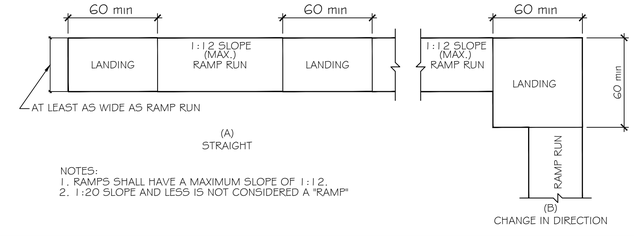
PROTRUDING OBJECTS

FIGURE 308.3.2 OBSTRUCTED HIGH SIDE REACH

FIGURE 308.3.1 UNOBSTRUCTED SIDE REACH

3/A1.0 ADA COMPLIANT RAMPS

SEC. 405.7 : 2010 ADA STANDARDS

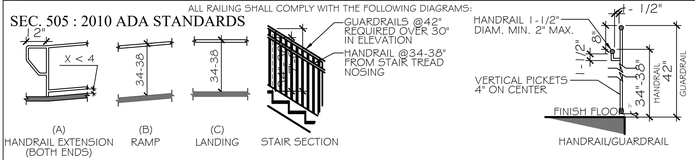


NOTES:
1. RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1:12.
2. 1:20 SLOPE AND LESS IS NOT CONSIDERED A "RAMP"

4/A1.0 RAILINGS

ALL RAILING SHALL COMPLY WITH THE FOLLOWING DIAGRAMS:

SEC. 505 : 2010 ADA STANDARDS



(A) HANDRAIL EXTENSION (BOTH ENDS)
(B) RAMP
(C) LANDING
STAIR SECTION
HANDRAIL/GUARDRAIL

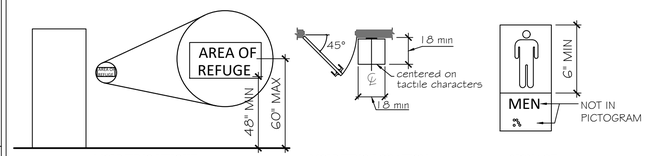
FIGURE 405.9.2

5/A1.0 COMMUNICATION ELEMENTS AND FEATURES

SEC. 703 : 2010 ADA STANDARDS

703.4.2 LOCATION. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE ACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES (455 MM) MINIMUM BY 18 INCHES (455 MM) MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.

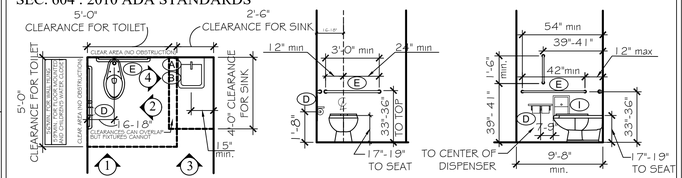
703.7 SYMBOLS OF ACCESSIBILITY. SYMBOLS OF ACCESSIBILITY SHALL COMPLY WITH 703.7



MOUNTING HEIGHT | MOUNTING LOCATION | SIGNAGE

6/A1.0 ADA ACCESSIBLE BATHROOM FIXTURES/ACCESSORIES

SEC. 604 : 2010 ADA STANDARDS

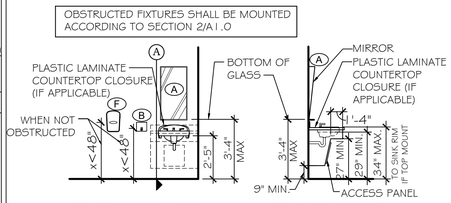


ACCESSIBLE TOILET/SINK CLEARANCE PLAN
SCALE: 1/4"=1'-0"

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

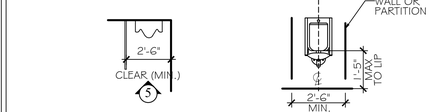
2 ACCESSIBLE TOILET
SCALE: 1/4"=1'-0"

OBSTRUCTED FIXTURES SHALL BE MOUNTED ACCORDING TO SECTION 2/A1.0



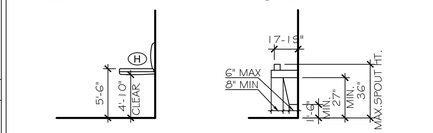
3 ACCESSIBLE VANITY
SCALE: 1/4"=1'-0"

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



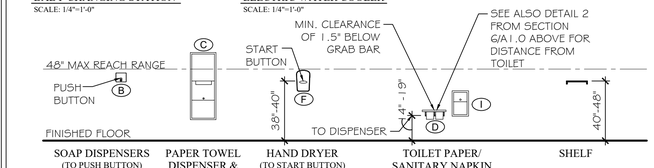
ACCESSIBLE URINAL CLEARANCE PLAN
SCALE: 1/4"=1'-0"

5 ACCESSIBLE URINAL
SCALE: 1/4"=1'-0"



BABY CHANGING STATION
SCALE: 1/4"=1'-0"

ELECTRIC WATER COOLER
SCALE: 1/4"=1'-0"



OBSTRUCTED FIXTURES SHALL BE MOUNTED ACCORDING TO SECTION 2/A1.0

SHELVES TO BE 40" min. - 48" max A.F.F.

ACCESSORIES LEGEND

SYMBOL	DESCRIPTION
A	ACCESSIBLE MIRROR UNIT
B	SOAP DISPENSER
C	PAPER TOWEL DISPENSER
D	TOILET PAPER DISPENSER
E	36" REAR & 42" SIDE GRAB BAR
F	ELECTRIC HAND DRYER
G	WASTE RECEPTACLE
H	BABY CHANGING STATION
I	SANITARY NAPKIN DISPOSAL
J	ADA COMPLIANT ADJUSTABLE SHOWER HEAD
K	SHOWER CORNER GRAB BAR
L	ADA COMPLIANT SHOWER SEAT

DIMENSIONS SHOWN MAY VARY DEPENDING ON OBSTRUCTIONS. REFERENCE 2/A1.0

ADA TOILET COMPARTMENTS

DOORS SHALL NOT SWING INTO THE MINIMUM REQUIRED COMPARTMENT AREA

TOILET COMPARTMENT DOORS SHALL HAVE ADA DOOR PULLS ON EACH SIDE

DOORS SHALL BE SELF CLOSING

7/A1.0 THRESHOLD CONDITIONS

SEC. 303 : 2010 ADA STANDARDS

*ALLOWED IF TRANSITION IS BEVELED

1/2" MAX. LEVEL CHANGE
N.T.S.

*BEVEL NOT REQUIRED IF 1/4" OR LESS

1/4" CHANGE IN LEVEL
N.T.S.

A CHANGE IN LEVEL OF ½ INCH IS PERMITTED TO BE ¼" VERTICAL, PLUS ¼" BEVELED. HOWEVER, IN NO CASE MAY THE COMBINED CHANGE IN LEVEL EXCEED ½".

ABBREVIATION LEGEND

ABBREV.	TERM
ACC.	ACCESSIBLE
ACT	ACOUSTICAL CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
A.F.F.	ABOVE FINISHED FLOOR
ALUM.	ALUMINUM
ASSEM.	ASSEMBLY
B.B.	BEAD BOARD
CONC.	CONCRETE
CONT.	CONTINUOUS
CPT.	CARPET
DIM	DIMENSION(S)
D/W	DISHWASHER
ELEC.	ELECTRIC / ELECTRICAL
ELEV.	ELEVATOR
EQUIP.	EQUIPMENT
E.P.	EPOXY PAINT
EXT.	EXTERIOR
EWC	ELECTRIC WATER COOLER
FEC	FIRE EXTINGUISHER CABINET
FG.	FIBERGLASS
FIN.	FINISH / FINISHED
FLR.	FLOOR
FRP	FIBER-REINFORCED PLASTIC
FT.	FOOT / FEET
GFI	GROUND FAULT INTERRUPTER
GYP.BD.	GYPSUM BOARD
H.C.	HOLLOW CORE
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
HR	HOUR
INT.	INTERIOR
JAN.	JANITOR
MAX	MAXIMUM
MECH.	MECHANICAL
MT.	METAL
MICRO.	MICROWAVE
MIN.	MINIMUM
M.R.	MOISTURE RESISTANT
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
PRE-FAB	PRE FABRICATED
PT.	PAINT / PAINTED
P.T.	PRESSURE TREATED
Q.T.	QUARRY TILE
REF.	REFRIGERATOR
REINF.	REINFORCED
REQ.	REQUIRED
SC.	SOLID CORE
S.F.	SQUARE FOOT / FEET
SHWR.	SHOWER
S.S.	SCORED & STAINED
S/S	STAINLESS STEEL
ST.	STAINED
STOR.	STORAGE
TYP.	TYPICAL
U/C	UNDER COUNTER
VEND.	VENDING MACHINE
V.W.P.	VINYL WOOD PLANK
WD	WOOD
W/	WITH
W/D	WASHER DRYER
W/O	WITH OUT

PLAN MARKER/TAG LEGEND

A	WINDOW NUMBER
A3	DOOR NUMBER
A STOREFRONT TYPE	STOREFRONT TYPE
1 / A6.1 — DETAIL NUMBER, SHEET NUMBER	INTERIOR ELEVATION
BB / A4.2 — SECTION IDENTIFICATION, SECTION LOCATION, SHEET NUMBER	SECTION CUT LOCATION MARKER
A / A2.5 — DRAWING DESIGNATION, DETAIL LOCATION, SHEET NUMBER	DETAIL MARKER
A1 — WALL TYPE NUMBER, INTERSECTS WALL REFERENCED	WALL TYPE MARKER
HEIGHT OF CEILING A.F.F. 9'-0"	ELEVATION MARKER
2 — REVISION NUMBER	REVISION MARKER

GENERAL NOTES

1. ALL PRODUCTS, MATERIALS, AND CONSTRUCTION SHALL BE PROVIDED AND/OR INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS, GUIDELINES, AND/OR INDUSTRY STANDARDS.
2. THE INTENT OF THESE DRAWINGS IS TO PROVIDE THE BUILDER WITH GENERAL GUIDELINES FOR THE SOUND CONSTRUCTION OF THE STRUCTURE INDICATED WITHIN. DEVIATIONS FROM THESE DRAWINGS ARE THE BUILDERS RISK UNLESS APPROVED IN WRITING OR WITH SUPPLEMENTAL DRAWINGS FROM THE ARCHITECT.
3. IT IS RECOMMENDED THAT THE SERVICES OF A REGISTERED LAND SURVEYOR BE EMPLOYED FOR THE PROPER PLACEMENT OF THE STRUCTURE IN RELATION TO PROPERTY LINES, SETBACK LINES, EASEMENTS, ETC.
4. CONTRACTOR TO SECURE AND PAY FOR ALL NECESSARY FEES AND PERMITS FOR CONSTRUCTION, ELECTRICAL, AND PLUMBING INSPECTORS, FINISH FLOOR ELEVATIONS, ETC.
5. DO NOT SCALE DRAWINGS!!! DIMENSIONS OR LINEAR MEASUREMENTS TAKE PRECEDENCE OVER NOTED DIMENSIONS.
6. DIMENSIONS INDICATED ON DRAWINGS ARE TO FACE OF STUDS.
7. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS INDICATED WITHIN THESE DOCUMENTS AND SHALL NOTIFY THE ARCHITECT OF ANY VARIATION PRIOR TO THE PURCHASING OF ANY MATERIALS, STARTING FABRICATION, OR BEGINNING CONSTRUCTION
8. PROVIDE TEMPORARY SETTLING BASINS, HAY BALES, AND OTHER METHODS AS APPROPRIATE TO FILTER WATER AT ALL AREAS WHERE STORM WATER LEAVES THE PROJECT. CLEAN UP ALL SOIL WHICH FLOWS OFF SITE AT THE END OF THE DAY.
9. ALL EXISTING SITE CONDITIONS ARE TO BE VERIFIED BY CONTRACTOR BEFORE START OF CONSTRUCTION.
10. PROVIDE CHEMICAL BARRIER TO BUILDING FROM SUBTERRANEAN TERMITE ATTACK.
11. NO QUALIFYING STATEMENTS OR EXCEPTIONS TO PLANS OR NOTES TO BE ALLOWED.
12. ALL WORK RELATED DEBRIS SHALL BE REMOVED FROM THE SITE REGULARLY AND PROPERLY.
13. THE CONTRACTOR SHALL LEAVE ALL AREAS AND FINISHED SPACES IN A CLEAN AND ACCEPTABLE CONDITION AT THE PROJECT COMPLETION.
14. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY w/ OSHA REQUIREMENTS.
15. ALL NEW CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES AND RESTRICTIVE ORDINANCES FOR CONSTRUCTION, ELECTRICAL, PLUMBING, AND MECHANICAL.
16. ALL PRODUCTS, MATERIALS AND CONSTRUCTION SHALL BE PROVIDED AND/OR INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, GUIDELINES, AND/OR INDUSTRY STANDARDS.

McCOLLOUGH ARCHITECTURE, INC.
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4305
Registered Architect

A NEW ADDITION
FOR ORANGE BEACH
COMMUNITY CENTER
ORANGE BEACH, ALABAMA

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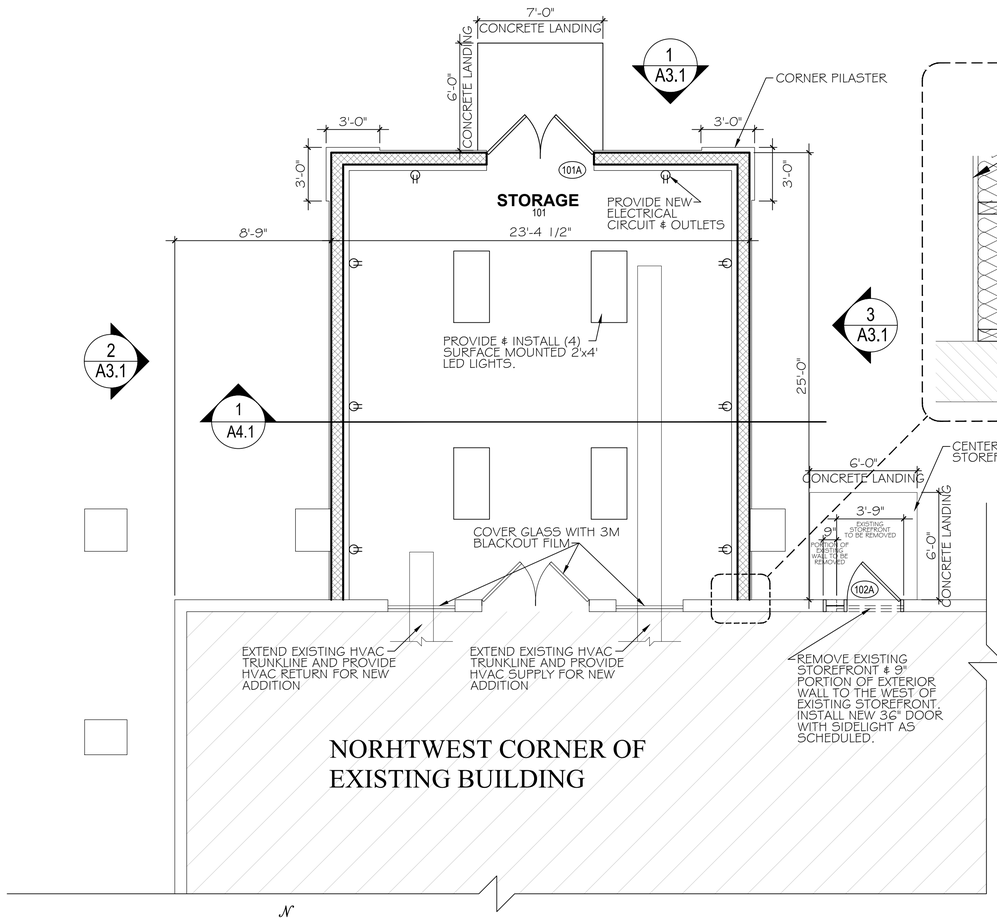
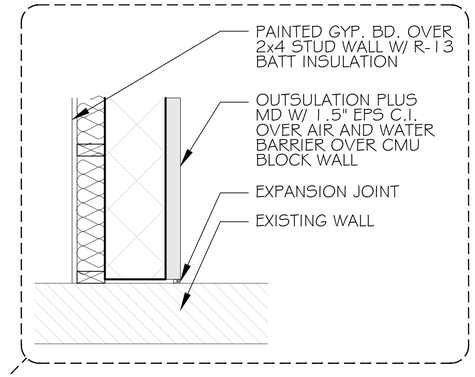
A1.0

NOTES & LEGENDS
ADA STANDARDS

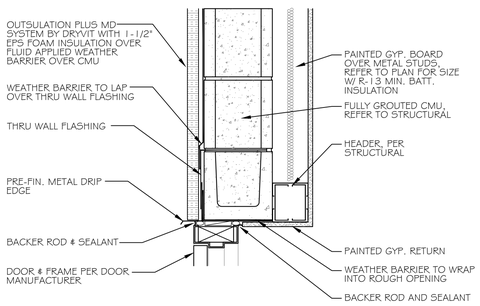


FLOOR PLAN
SCALE: 1/4" = 1'-0"

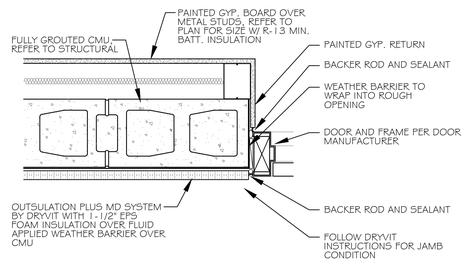


ROOF PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTE: ALL 4" WALLS TO RECEIVE R-13 INSULATION, ALL 6" WALLS TO RECEIVE R-19 INSULATION



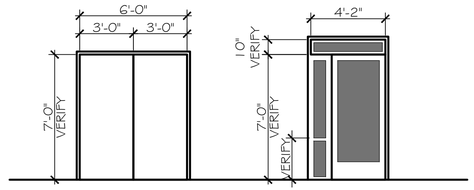
1 DOOR HEAD @ DRYVIT ON CMU W/ METAL STUD
SCALE: 1-1/2"= 1'-0"



2 DOOR JAMB @ DRYVIT ON CMU W/ METAL STUD
SCALE: 1-1/2"= 1'-0"

ALL EXTERIOR DOORS AND WINDOWS TO BE RATED FOR LARGE MISSILE IMPACT

VERIFY ALL STOREFRONT DIMENSIONS IN FIELD. 101A AND 102A ARE TO MATCH THE EXISTING STOREFRONT DOORS DIMENSIONALLY.



1 EXTERIOR METAL DOOR WITH HOLLOW METAL FRAME

2 EXTERIOR STOREFRONT

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

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOORS		WALLS		CEILING			NOTES
		MATERIAL	BASE	MATERIAL	FINISH	TYPE	FINISH	HEIGHT	
101	STORAGE	L.V.T.	WOOD BASE	GYP. BOARD	PAINTED CREAMY	GYP. BD.	PTD. WHITE	≈11'-5"	

ABBREVIATIONS

M.R.GYP.BD. = MOISTURE RESISTANT GYPSUM BOARD
GYP. BD. = GYPSUM BOARD
A.C.T. = 2'x2' ACOUSTICAL CEILING TILE WITH 15/16" PRELUDE GRID
L.V.T. = PRESTIGE BY BPI - COLLECTION: DURHAM PLANK | COLOR: CARRIAGE HOUSE | ITEM NUMBER: PRES147-32

WOOD BASE = 5-1/4" DELUXE COLONIAL PRE-PRIMED AND PAINTED BASE
V-GROOVE = 1x6 V-GROOVE TREATED PINE WOOD
E. PAINT = EPOXY PAINT
F.R.P. = FIBER-REINFORCED PLASTIC
S.S. = SCORED/STAINED
CREAMY = SW7012

FINISH SCHEDULE NOTES

1. FINAL SELECTION OF ALL FINISHES AND COLORS PER OWNER.
2. ALL PAINTED SURFACES SHALL HAVE PRIMER AND TWO FINISH COATS.
3. ALL CORRIDOR FINISHES SHALL BE "CLASS A". ALL OTHER FINISHES CAN BE "CLASS C" MINIMUM.
4. BASE AND DOOR FRAMES TO MATCH WALL COLOR.

DOOR SCHEDULE

DOOR NO.	DOOR SIZE	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME FINISH	RATING	PANIC HDWE	DOOR CLOSURE	REMARKS
101A	(2)3'0" x 8'0"	1	METAL	PAINT	METAL	PAINT	-	-	YES	
102A	3'0" x 8'0"	2	STOREFRONT				-	-	YES	

McCOLLOUGH ARCHITECTURE, INC.
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PHONE: 251-968-7222

State of Alabama
Stedman B. McCollough
4305
Registered Architect

A NEW ADDITION / ADDITION FOR ORANGE BEACH COMMUNITY CENTER

ORANGE BEACH, ALABAMA

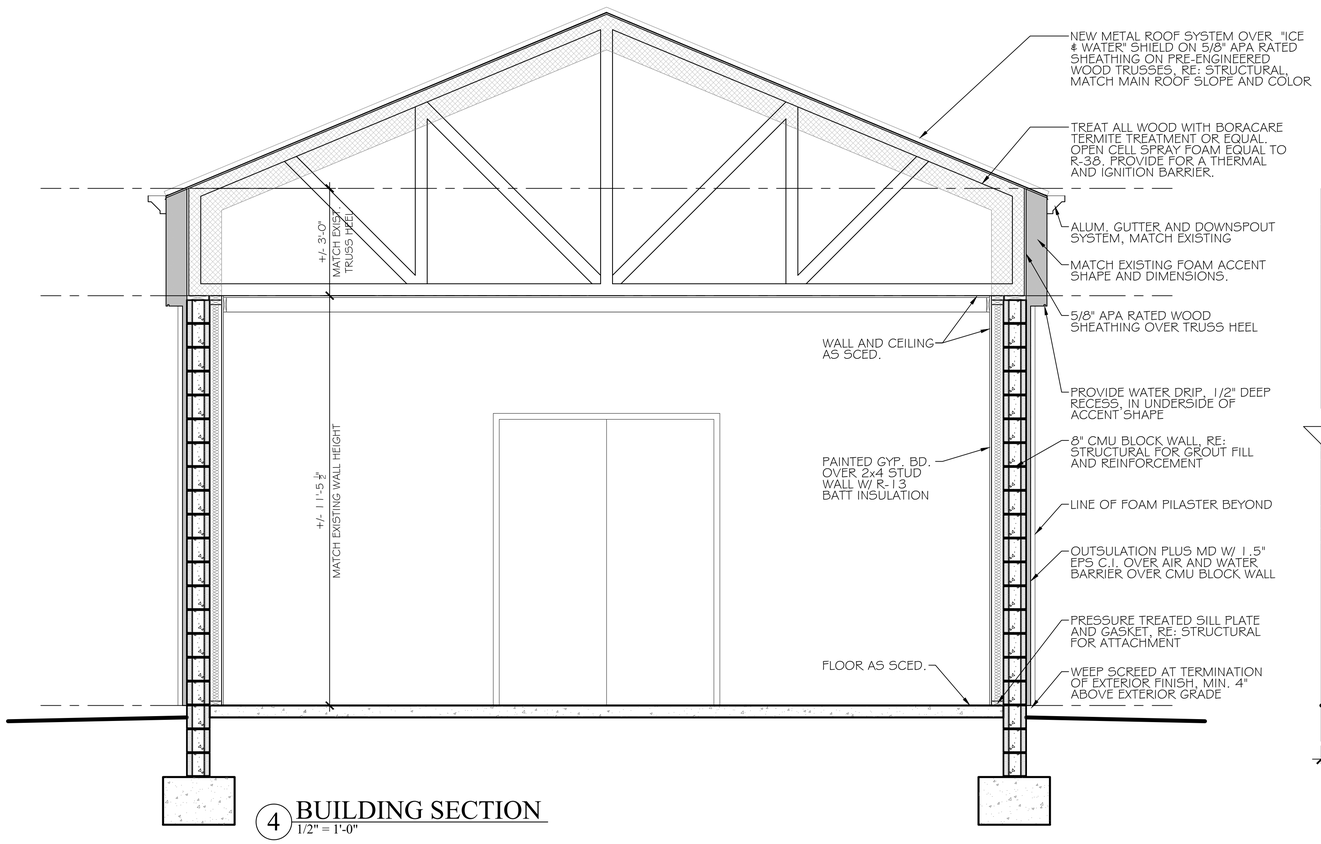
JOB NO.:
DRAWN: CLT
CHECKED: SBM
DATE: 2023.08.24
REVISION:

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

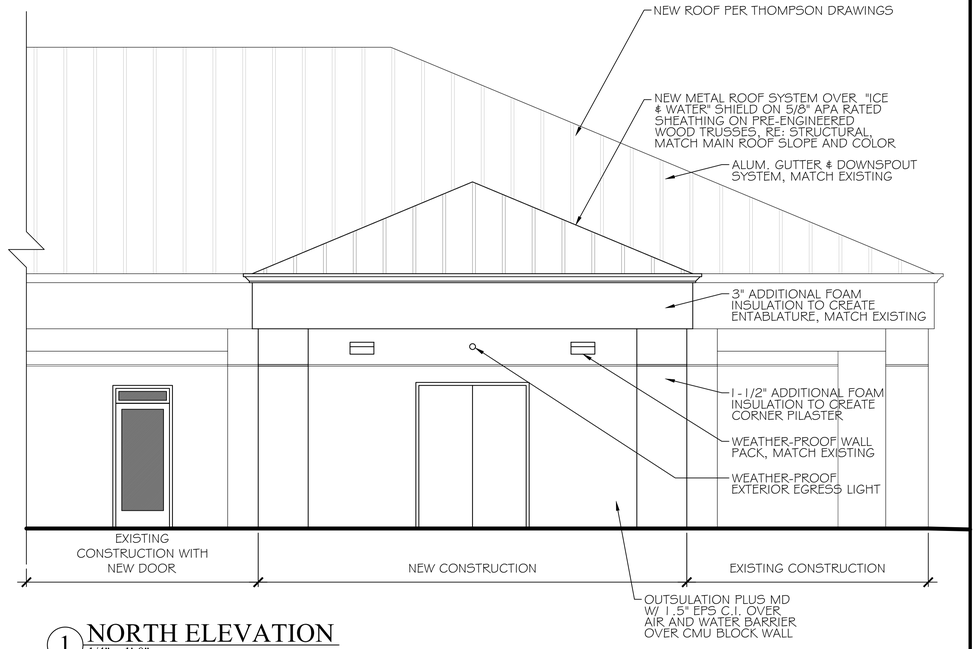
SHEET NO.:

A1.1

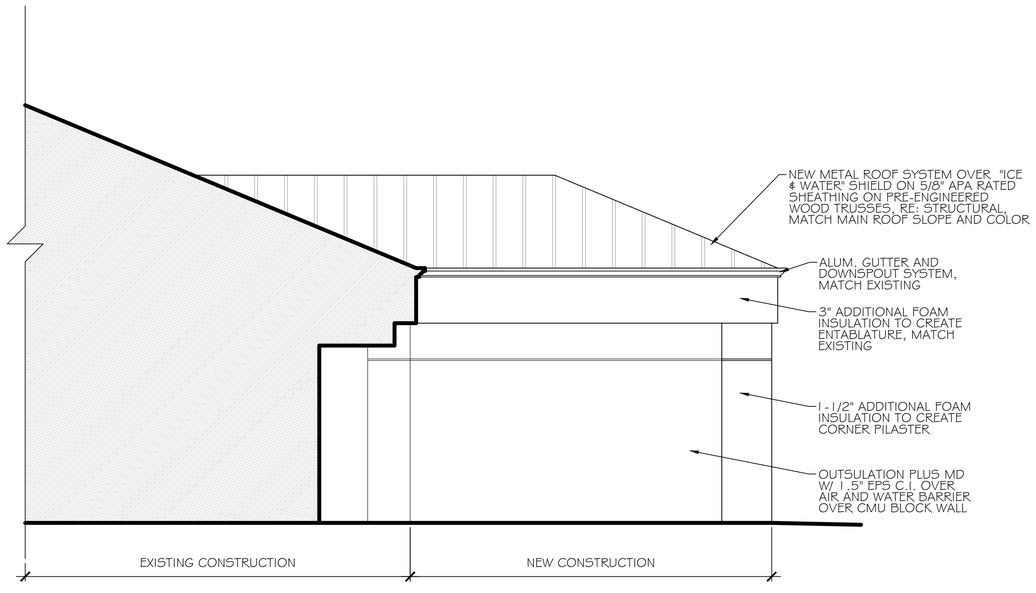
FLOOR & ROOF PLAN
DOOR & FINISH SCHEDULE



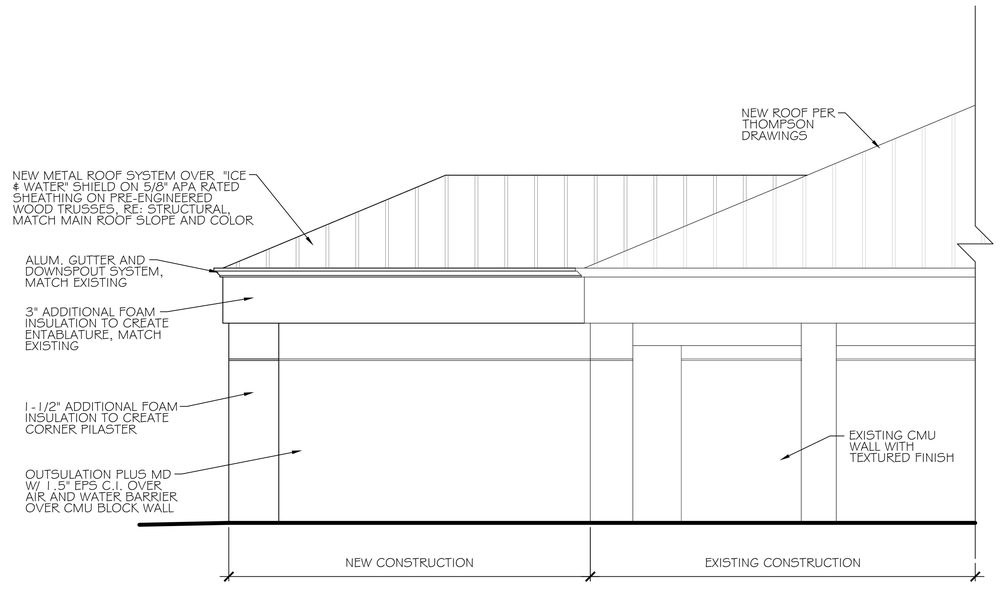
4 BUILDING SECTION
1/2" = 1'-0"



1 NORTH ELEVATION
1/4" = 1'-0"



3 EAST ELEVATION
1/4" = 1'-0"



2 WEST ELEVATION
1/4" = 1'-0"

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A NEW ADDITION
FOR ORANGE BEACH
COMMUNITY CENTER
ORANGE BEACH, ALABAMA

JOB NO.:	
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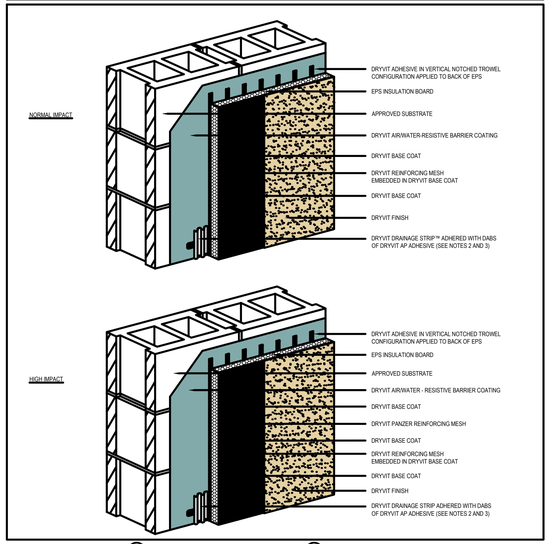
DATE:	2023.08.24
REVISION:	
SCALE:	1/4" = 1'-0"

SHEET NO.:
A3.1

EXTERIOR ELEVATIONS & BUILDING SECTION

OPMD 0.0.01M



Outsulation®Plus MD System®

Outsulation Plus MD System

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.

2. AS AN OPTION DRYVIT DRAINAGE TRACK™ CAN BE USED AT SYSTEM TERMINATION AT GRADE, REFER TO OPMD 0.0.09M FOR CONFIGURATION.

3. DRYVIT DRAINAGE TRACK SHALL ONLY BE USED AT GRADE LEVEL TERMINATIONS.

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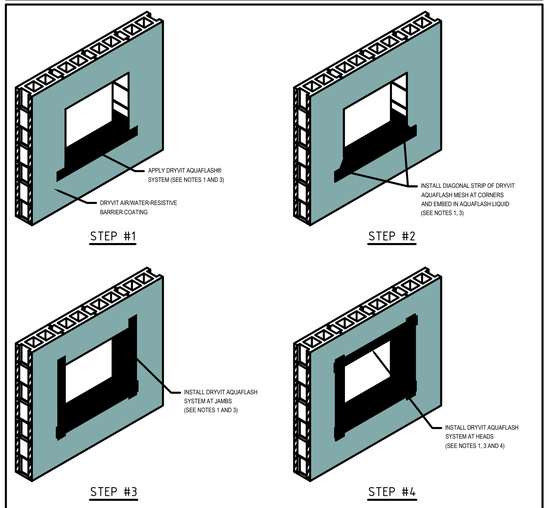
Issued: 10/2016

OPMD 0.0.03M



Outsulation®Plus MD System®

Opening Preparation - AquaFlash® System Option

NOTE:
1. DRYVIT AQUAFLASH SHALL EXTEND TO INTERIOR FACE OF OPENING.

2. REFER TO HEAD, SILL AND JAMB DETAILS FOR FLASHING INTEGRATION.

3. DRYVIT FLASHING TAPE SURFACE CONDITIONER™ AND DRYVIT FLASHING TAPE™ MAY BE USED IN LIEU OF DRYVIT AQUAFLASH SYSTEM.

4. INSTALL WINDOW UNIT AND ASSOCIATED FLASHING PER MANUFACTURER'S RECOMMENDATIONS, CODE REQUIREMENTS AND PROJECT DOCUMENTS.

5. AQUAFLASH SYSTEM CONSISTS OF AQUAFLASH MESH AND AQUAFLASH LIQUID.

6. FOR ADDITIONAL AIR/WATER-RESISTIVE BARRIER DETAILS, REFER TO DRYVIT PUBLICATION DS840.

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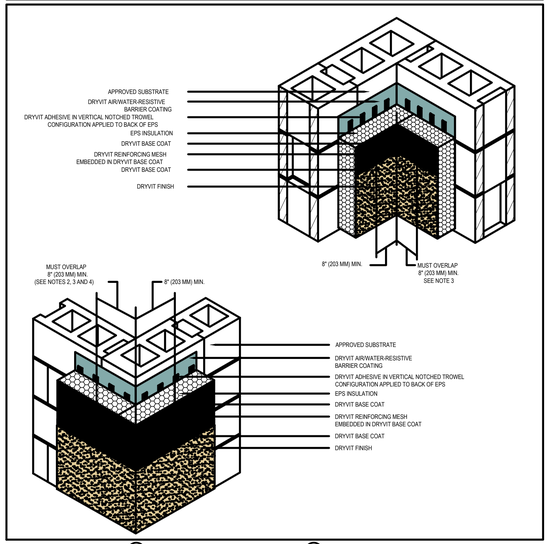
Issued: 10/2016

OPMD 0.0.05M



Outsulation®Plus MD System®

Inside/Outside Corners

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.

2. DOUBLE WRAP OUTSIDE CORNERS WITH REINFORCING MESH OR USE CORNER MESH.

3. DO NOT LAP REINFORCING MESH WITHIN 8" (203 MM) OF A CORNER.

4. OUTSIDE INSULATION BOARD EDGES SHALL BE OFFSET.

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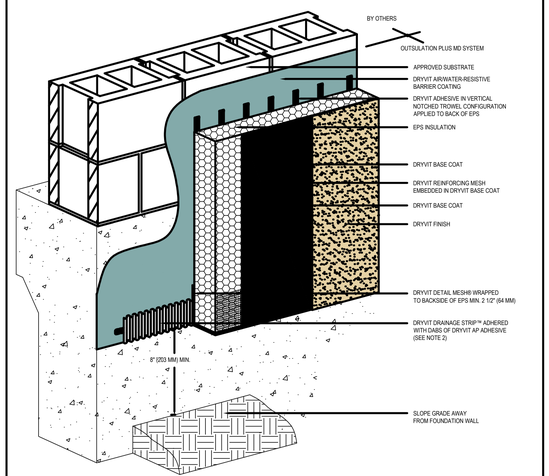
Issued: 10/2016

OPMD 0.0.07M



Outsulation®Plus MD System®

Grade Termination with Drainage Strip

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.

2. ENSURE BOTTOM EDGE OF DRAINAGE STRIP IS LEFT FREE TO DRAIN.

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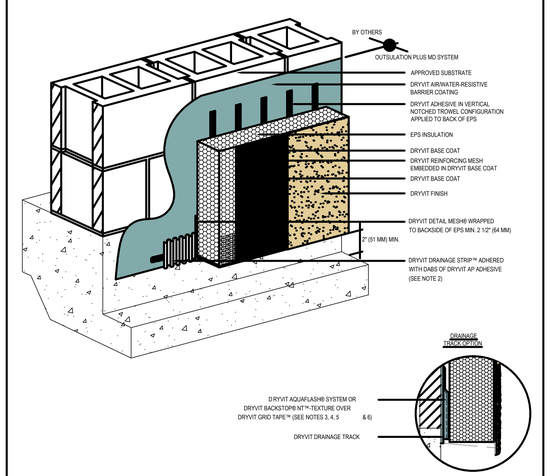
Issued: 9/2020

OPMD 0.0.09M



Outsulation®Plus MD System®

Termination At Concrete Curb

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.

2. ENSURE BOTTOM EDGE OF DRAINAGE STRIP IS LEFT FREE TO DRAIN.

3. AS AN OPTION DRYVIT DRAINAGE TRACK CAN BE USED AT SYSTEM TERMINATION AT GRADE, REFER TO OPMD 0.0.09M FOR CONFIGURATION

4. LIGHTLY SAND SURFACE OF DRAINAGE TRACK TO MAXIMIZE ADHESION.

5. DRYVIT FLASHING TAPE SURFACE CONDITIONER™ AND DRYVIT FLASHING TAPE™ MAY BE USED IN LIEU OF DRYVIT AQUAFLASH SYSTEM.

6. DRYVIT DRAINAGE TRACK SHALL ONLY BE USED AT GRADE LEVEL TERMINATIONS.

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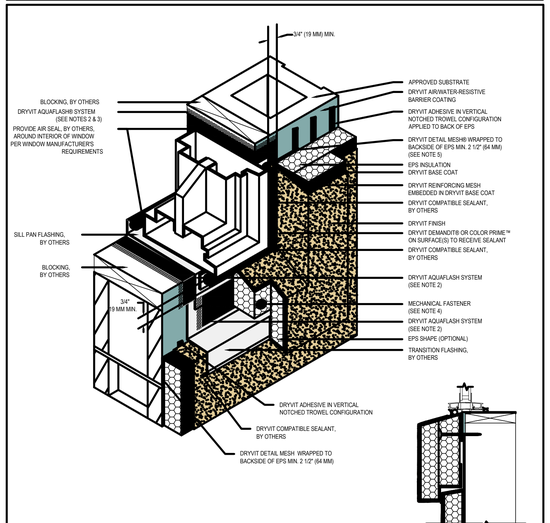
Issued: 9/2020

OPMD 0.0.12M



Outsulation®Plus MD System®

Self Flashing Window Sill - Jamb

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.

2. DRYVIT FLASHING TAPE SURFACE CONDITIONER™ AND DRYVIT FLASHING TAPE™ MAY BE USED IN LIEU OF DRYVIT AQUAFLASH SYSTEM.

3. DRYVIT BACKSTOP® NT IS AN ALTERNATIVE OPTION AT JAMB AND HEAD CONDITION PER DETAIL OPMD 0.0.02M.

4. ADHESIVE ONLY APPLICATION IS ACCEPTABLE WHEN USING DRYVIT AQUAFLASH SYSTEM.

5. EDGE WRAPPING METHOD IS ACCEPTABLE AT SILL AND JAMB IN LIEU OF BACK WRAPPING. REINFORCING MESH MUST BE FULLY EMBEDDED IN BASE COAT AT EPS EDGE AND MUST EXTEND ONTO SUBSTRATE 2 1/2" (64 MM) MIN.

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Issued: 9/2020

GENERAL NOTE: THESE DETAILS ARE SHOWN AS AN AID TO THE CONTRACTOR AND ARE NOT MEANT AS AN EXHAUSTIVE LIST OF DETAILS, REFER TO DRYVIT FOR ANY ADDITIONAL REQUIRED DETAILS.

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State of Alabama
Stedman B. McCollough
4305
Registered Architect

A NEW ADDITION
FOR ORANGE BEACH
COMMUNITY CENTER
ORANGE BEACH, ALABAMA

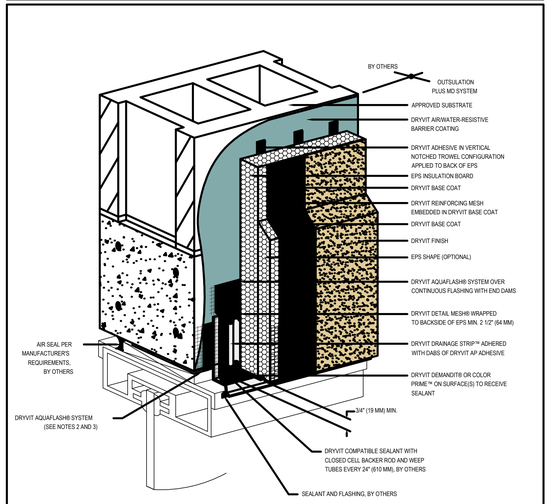
JOB NO.:
DRAWN: CLT
CHECKED: SBM
DATE: 2023.08.24
REVISION:

SCALE:

SHEET NO.:
A3.2
DRYVIT DETAILS

GENERAL NOTE: THESE DETAILS ARE SHOWN AS AN AID TO THE CONTRACTOR AND ARE NOT MEANT AS AN EXHAUSTIVE LIST OF DETAILS, REFER TO DRYVIT FOR ANY ADDITIONAL REQUIRED DETAILS.

OPMD 0.0.13M



Outsulation® Plus MD System®

Storefront Window Head

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.

2. DRYVIT FLASHING TAPE SURFACE CONDITIONER™ AND DRYVIT FLASHING TAPE™ MAY BE USED IN LIEU OF DRYVIT AQUAFLASH SYSTEM.

3. DRYVIT AIR/WATER-RESISTIVE BARRIER COATING IS AN ALTERNATE OPTION AT JAMB AND HEAD CONDITION PER DETAIL OPMD 0.0.02M.

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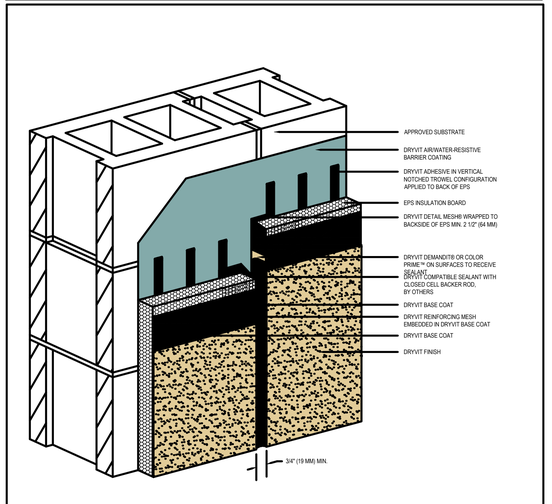
OPMD 0.0.28M



Outsulation® Plus MD System®

Vertical Expansion Joint - EIFS[2]

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.

2. EIFS EXPANSION JOINTS ARE REQUIRED IN CONTINUOUS ELEVATIONS AT INTERVALS NOT EXCEEDING 75 FT (23 M).

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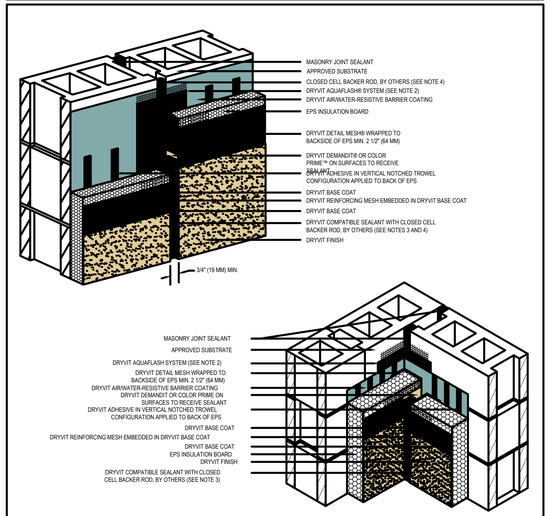
OPMD 0.0.29M



Outsulation® Plus MD System®

Masonry Control Joints

NOTE:
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2. DRYVIT FLASHING TAPE SURFACE CONDITIONER™ AND DRYVIT FLASHING TAPE™ MAY BE USED IN LIEU OF DRYVIT AQUAFLASH SYSTEM.

3. SEALANT SHALL NOT BE IN DIRECT CONTACT WITH ASPHALTIC ADHESIVE ON DRYVIT FLASHING TAPE. COVER DRYVIT FLASHING TAPE LAPS WITH POLYETHYLENE TAPE OR BACKER ROD.

4. LOCATE EXTERNAL SEALANT JOINT WITHIN 2 1/2" (64 MM) OF SUBSTRATE JOINT.

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State of Alabama
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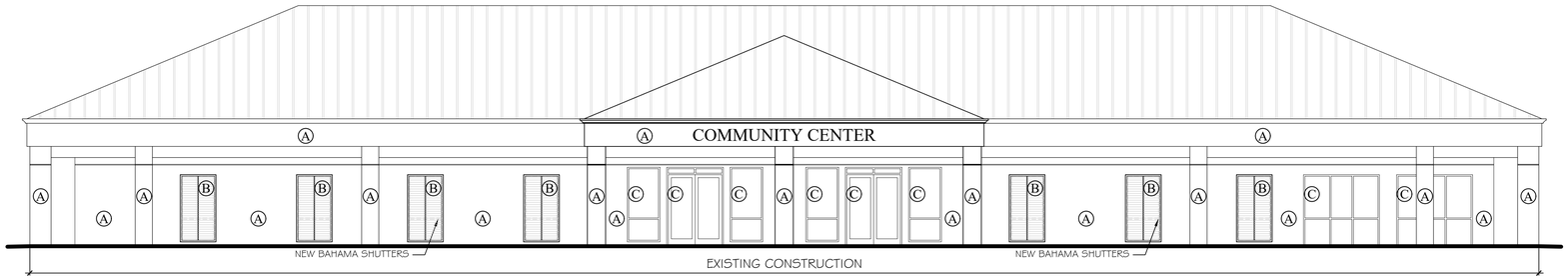
4305
Registered Architect

A NEW ADDITION
FOR ORANGE BEACH
COMMUNITY CENTER
ORANGE BEACH, ALABAMA

JOB NO.:
DRAWN: CLT
CHECKED: SBM
DATE: 2023.08.24
REVISION:
SCALE:

SHEET NO.:
A3.3
DRYVIT DETAILS

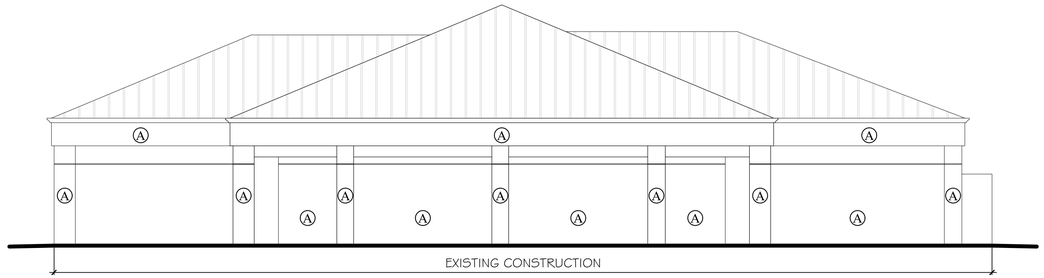


1 SOUTH ELEVATION
1/8" = 1'-0"

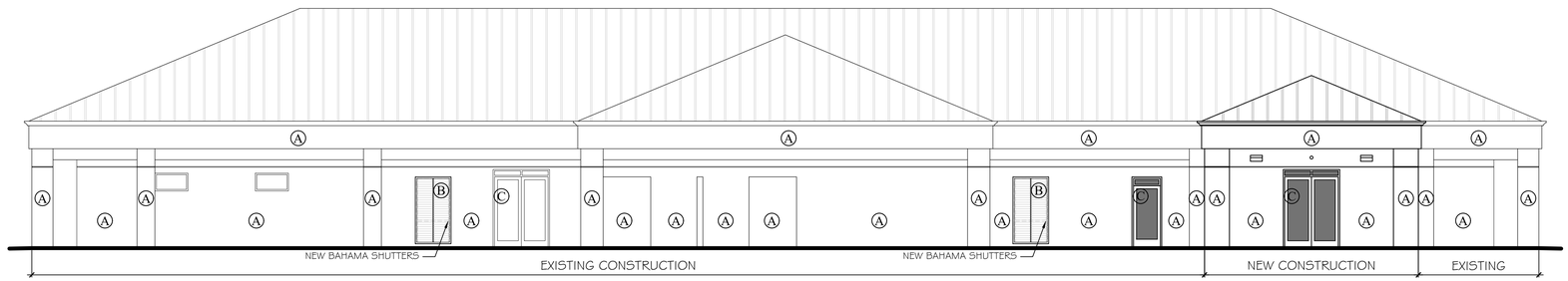
ADD ALTERNATE 1

GENERAL NOTE: REFER TO A1.1 AND A3.1 FOR NEW ADDITION CONSTRUCTION DESIGN AND DETAILS

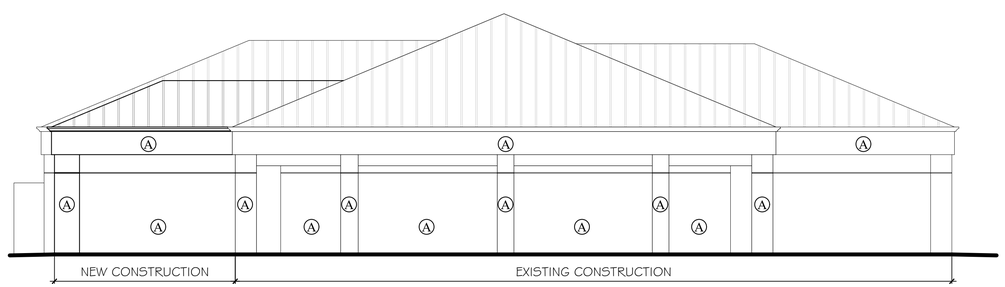
PAINT TAG	PAINT COLOR	LOCATION
A	SW-6525 RARIFIED AIR	(BUILDING)
B	SW-9140 BLUSTERY SKY	(SHUTTERS)
C	SW-6525 RARIFIED AIR	(STOREFRONT)



2 EAST ELEVATION
1/8" = 1'-0"



3 NORTH ELEVATION
1/8" = 1'-0"



4 WEST ELEVATION
1/8" = 1'-0"

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A NEW ADDITION
FOR ORANGE BEACH
COMMUNITY CENTER
ORANGE BEACH, ALABAMA

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REVISION:

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

SHEET NO.:
A3.4

ADD ALTERNATE 1
FULL ELEVATIONS

GENERAL:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE PRIOR TO STARTING CONSTRUCTION AND SHALL NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER OF ANY DISCREPANCIES OR INCONSISTENCIES WITH ANY WORK INVOLVED.
2. ALL PHASES OF THE WORK SHALL CONFORM TO THE MINIMUM STANDARDS AND REQUIREMENTS OF THE REFERENCED INTERNATIONAL BUILDING CODE AND ITS RELATED REFERENCES.
3. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. UNLESS NOTED OTHERWISE, THEY DO NOT INDICATE THE MEANS AND METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE, WORKERS AND OTHER PERSONNEL DURING CONSTRUCTION.
4. ALL ASTM SPECIFICATIONS NOTED ON THESE DRAWINGS SHALL BE OF THE LATEST EDITIONS OR REVISIONS.
5. IN THE EVENT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE CONTRACT DRAWINGS OR CALLED FOR IN THE NOTES OR SPECIFICATIONS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN. IF SIMILAR CONDITIONS ARE NOT SHOWN, THEN CONTACT THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO START OF WORK FOR CLARIFICATIONS.
6. EXISTING CONDITIONS DEPICTED ON THESE DRAWINGS ARE TO BE FIELD VERIFIED BY THE CONTRACTOR, AS THEY ARE UNCOVERED DURING THE CONSTRUCTION. IN THE EVENT EXISTING CONDITIONS ARE DIFFERENT THAN SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY AND AWAIT FURTHER INSTRUCTION BEFORE PROCEEDING WITH CONSTRUCTION.
7. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT ALL DIMENSIONS AND ELEVATIONS ON THE STRUCTURAL DRAWINGS ARE THE SAME OR EQUIVALENT TO THOSE ON THE ARCHITECTURAL DRAWINGS. NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING CONSTRUCTION.
8. VERIFY ALL OPENINGS IN FOUNDATIONS, FLOORS, WALLS, AND ROOF WITH MECHANICAL AND ELECTRICAL REQUIREMENTS BEFORE PROCEEDING WITH CONSTRUCTION.
9. SITE WORK AND DRAINAGE DESIGN SHALL BE BY OTHERS.

FOUNDATIONS:

1. NO SOILS REPORT HAS BEEN PREPARED FOR THIS PROJECT, UNLESS NOTED OTHERWISE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ADEQUATE SOIL SUPPORT FOR THE FOUNDATION DESIGN, AND SHALL REPORT UNEXPECTED CONDITIONS TO THE ENGINEER, SUCH AS EXPANSIVE, COMPRESSIBLE, OR SHIFTING SOILS, OR SOILS WITH QUESTIONABLE CHARACTERISTICS.
2. ALLOWABLE SOIL BEARING = 1500 PSF. THIS PRESUMPTIVE CAPACITY IS BASED ON THE ASSUMPTION THAT THE EXISTING SOILS ARE AS DESCRIBED IN SECTION 1806 AND TABLE 1806.2 OF THE INTERNATIONAL BUILDING CODE. THE ENGINEER OF RECORD MAKES NO WARRANTY OR GUARANTEE OF FUTURE SETTLEMENT OF THE EXISTING SOILS. THE TOP 12 INCHES OF EXISTING SOIL SHALL BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY AT OPTIMUM MOISTURE CONTENT
3. ALL FOOTINGS, OR PORTIONS THEREOF, BELOW GRADE MAY BE EARTH FORMED BY NEAT EXCAVATIONS.
4. FOOTINGS TO BE CENTERED ON WALLS OR COLUMNS UNLESS NOTED OTHERWISE.
5. SURFACE DRAINAGE SHALL BE DIVERTED TO A STORM SEWER CONVEYANCE OR OTHER APPROVED POINTS OF COLLECTION THAT DOES NOT CREATE A HAZARD. LOTS SHALL BE GRADED TO DRAIN SURFACE WATER AWAY FROM FOUNDATIONS OR FOUNDATION WALLS. THE GRADE SHALL FALL A MINIMUM OF 6 INCHES WITHIN THE FIRST 10 FEET.
6. STRUCTURES REQUIRED BY THE PERMITTING AUTHORITY TO BE FLOOD RESISTANT SHALL COMPLY WITH THE INTERNATIONAL BUILDING CODE. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER REGARDING THE DESIRED TOP OF FOUNDATION ELEVATION.

CONCRETE WORK:

1. CONCRETE (NORMAL WEIGHT) COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 3000 PSI, UNLESS NOTED OTHERWISE.
2. PORTLAND CEMENT SHALL CONFORM TO ASTM C150, TYPE I OR II.
3. ALL AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL MEET ASTM C33.
4. ALL REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60. ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185.
5. MINIMUM WWF LAP SHALL BE THE GREATER OF ONE CROSS WIRE SPACING PLUS 2 INCHES OR MINIMUM OF 6 INCHES.
6. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST ADOPTION EDITION OF THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318) AND ITS REVISIONS AND THE "ACI MANUAL OF CONCRETE PLACEMENT."
7. ALL REINFORCING SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI STANDARDS. NO WELDING OF REINFORCEMENT SHALL BE ALLOWED UNLESS NOTED OTHERWISE OR APPROVED BY ENGINEER.
8. NO SPLICING OF REINFORCEMENT SHALL BE MADE EXCEPT AS NOTED, DETAILED, OR AUTHORIZED BY THE STRUCTURAL ENGINEER. LAP SPLICES WHERE PERMITTED SHALL BE CLASS B TENSION LAP SPLICES, UNLESS NOTED OTHERWISE. MAKE ALL BARS CONTINUOUS AROUND CORNERS.
9. STAGGER SPLICES A MINIMUM 0F 4'-0" FOR CONTINUOUS BARS IN ALL CONCRETE WORK, UNLESS NOTED OTHERWISE.
10. PROVIDE TWO (2) #5 BARS (1 EACH FACE) WITH MINIMUM 2'-0" PROJECTION AROUND ALL OPENINGS IN CONCRETE UNLESS NOTED OTHERWISE.
11. SLABS, WALLS, AND PILE CAPS SHALL NOT HAVE JOINTS IN A HORIZONTAL PLANE.
12. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCED CAST-IN-PLACE CONCRETE:
   - 12.1. CONCRETE PLACED AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3 INCHES
   - 12.2. FORMED CONCRETE EXPOSED TO EARTH OR WEATHER:
     - #6 - #18 BARS 2 INCHES
     - #5 BARS AND SMALLER 1.5 INCHES
   - 12.3. CONCRETE NOT EXPOSED TO WEATHER NOR IN CONTACT WITH EARTH:
     - 12.3.1. SLABS, WALL, AND JOISTS:
       - #14 AND #18 BARS 1.5 INCHES
       - #11 BARS AND SMALLER 1 INCH
     - 12.3.2. BEAMS, COLUMNS, AND WALL JAMBS:
       PRIMARY REINFORCEMENT, TIES, STIRRUPS, AND SPIRALS:
       - #14 AND #18 BARS 2.5 INCHES
       - #11 BARS AND SMALLER 1.5 INCHES
13. PROVIDE REINFORCING BAR PLACING ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT IN ACCORDANCE WITH ACI MANUAL OF STANDARD PRACTICE.
14. IT IS RECOMMENDED TO PROVIDE SAWN JOINTS IN THE CONCRETE SLAB TO MINIMIZE TEMPERATURE & SHRINKAGE CRACKING. ALL SAWN JOINTS SHALL BE ± 1/8" WIDE, AND 1/4 THE DEPTH OF THE SLAB. THE JOINT SPACING SHALL HAVE A MAXIMUM SPACING OF 12 FEET EACH WAY, WITH A MAXIMUM ASPECT RATIO OF 1.5:1, HOWEVER A RATIO OF 1:1 IS PREFERRED. THE SAWCUT SHOULD BE COMPLETED WITHIN 12 HOURS OF THE INITIAL CONCRETE POUR. THE JOINTS SHALL BE CAULKED WITH URETHANE CAULKING OR A BACKER ROD AND JOINT SEALANT.
15. ALL FIELD BENDING OF REINFORCING BARS SHALL BE MADE COLD FOR #8 BARS AND SMALLER. #9, #10 AND #11 BARS UPON APPROVAL MAY BE PREHEATED UNIFORMLY AND CAREFULLY BENT OR STRAIGHTENED PER CRSI RECOMMENDATIONS.
16. ALL REINFORCING BAR. ANCHOR BOLTS, AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.
17. PROJECTING CORNERS OF BEAMS, COLUMNS, ETC. SHALL BE FORMED WITH 3/4" CHAMFER UNLESS NOTED OTHERWISE.
18. TERMITE PROTECTION SHALL BE INSTALLED TO COMPLY WITH THE INTERNATIONAL BUILDING CODE.
19. THE CONTRACTOR SHALL PASS ALL REQUIRED LOCAL INSPECTIONS PRIOR TO PLACING CONCRETE.

MASONRY:

1. HOLLOW CONCRETE BLOCK (MASONRY) UNITS SHALL CONFORM TO ASTM C90 SPECIFICATIONS, NORMAL WEIGHT, TYPE I, GRADE N.
2. COMPOSITION, QUALITY, STORAGE, HANDLING, PREPARATION AND PLACEMENT OF MATERIALS, QUALITY ASSURANCE FOR MATERIALS AND MASONRY, AND CONSTRUCTION OF MASONRY SHALL COMPLY WITH TMS 402/ACI 530/ASCE 5. A QUALITY ASSURANCE PROGRAM SHALL BE USED TO ENSURE THAT THE CONSTRUCTED MASONRY IS IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.
3. SPECIFIED COMPRESSIVE STRENGTH OF MASONRY SHALL BE A MINIMUM OF f'm = 1500 PSI.
4. MINIMUM NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS SHALL BE 1900 PSI.
5. ALL MORTAR USED IN MASONRY SHALL CONFORM TO ASTM C270 TYPE M OR S. TYPE N MASONRY CEMENT MORTAR IS NOT ACCEPTABLE. MASONRY FOR FOUNDATION WALLS SHALL BE LAID IN MORTAR IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTIONS 1807 AND 2104.
6. ALL REINFORCING IN MASONRY WALLS SHALL BE FULLY ENCLOSED WITH GROUT. GROUT MIX SHALL CONFORM TO ASTM C476 WITH MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2500 PSI. USE GROUT TYPE (FINE OR COARSE) THAT WILL COMPLY WITH TABLE 7 (GROUT SPACE REQUIREMENTS) OF ACI 530 SPECIFICATION OF MASONRY STRUCTURES FOR DIMENSIONS OF GROUT SPACES AND POUR HEIGHTS. PROVIDE A MINIMUM OF 1" GROUT BETWEEN MAIN REINFORCING AND MASONRY UNITS.
7. ALL REINFORCEMENT FOR USE IN MASONRY CONSTRUCTION SHALL CONFORM TO ASTM A615, GRADE 60.
8. ALL DEFORMED WIRE HORIZONTAL REINFORCEMENT IN CMU WALLS SHALL CONFORM TO ASTM A497. PROVIDE #9 TRUSS TYPE JOINT REINFORCEMENT @ 16" O.C. FOR TYPICAL HORIZONTAL REINFORCING AND @ 8" O.C. FOR TYPICAL HORIZONTAL REINFORCING AT PARAPET WALLS.
9. ALL PLAIN WIRE HORIZONTAL REINFORCEMENT IN CMU WALLS SHALL CONFORM TO ASTM A82 OR ASTM A185.
10. MAKE ALL REINFORCING CONTINUOUS BY LAPPING AND PROVIDING CORNER BARS FOR ALL REINFORCEMENT. VERTICAL AND HORIZONTAL REINFORCEMENT IS TO BE CONTINUOUS AND LAPPED A MINIMUM OF 48 BAR DIAMETERS.
11. VERTICAL REINFORCEMENT FOR CMU WALLS TO BE PLACED IN CENTER OF WALL, UNLESS INDICATED OTHERWISE ON THE DRAWINGS. PROVIDE ALL ACCESSORIES AS REQUIRED TO SUPPORT BARS AT LOCATIONS INDICATED.
12. MASONRY IS TO BE LAID IN ACCORDANCE WITH LATEST ADOPTED EDITION OF THE INTERNATIONAL BUILDING CODE OR APPLICABLE LOCAL GOVERNING CODES. ALL CONCRETE MASONRY UNITS SHALL BE LAID IN RUNNING BOND IN ACCORDANCE WITH ACI 530.
13. MASONRY WALLS SHALL BE ADEQUATELY BRACED DURING CONSTRUCTION TO WITHSTAND WIND LOADS. BRACING SHALL REMAIN IN PLACE UNTIL ROOF FRAMING IS COMPLETELY INSTALLED AND CAPABLE OF PROVIDING LATERAL SUPPORT.

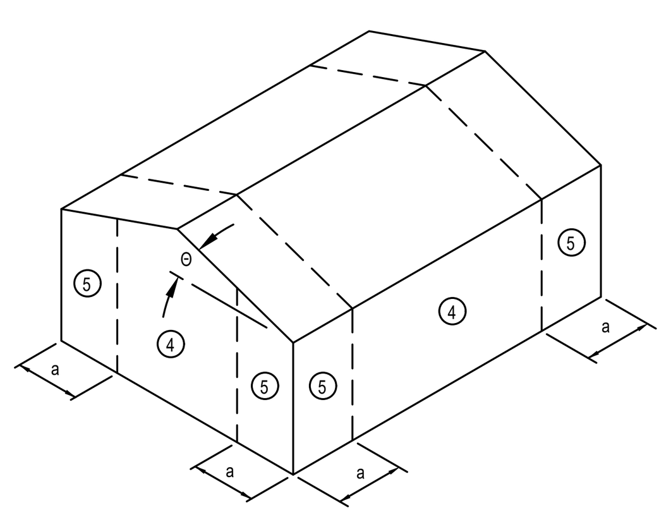
STRUCTURAL LUMBER:

1. WOOD FRAMING AND COLUMNS 5" x 5" AND LARGER SHALL BE NO. 1 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
   Fb = 1350 PSI Fc = 375 PSI Fcll = 825 PSI Fv = 165 PSI E = 1,500,000 PSI
2. WOOD FRAMING AND COLUMNS 2-4" THICK AND 2-4" WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
   Fb = 1100 PSI Fc = 565 PSI Fcll = 1450 PSI Fv = 175 PSI E = 1,400,000 PSI
3. WOOD FRAMING AND COLUMNS 2-4" THICK AND 5-6" WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
   Fb = 1000 PSI Fc = 565 PSI Fcll = 1400 PSI Fv = 175 PSI E = 1,400,000 PSI
4. WOOD FRAMING AND COLUMNS 2-4" THICK AND 8" WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
   Fb = 925 PSI Fc = 565 PSI Fcll = 1350 PSI Fv = 175 PSI E = 1,400,000 PSI
5. WOOD FRAMING AND COLUMNS 2-4" THICK AND 10" WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
   Fb = 800 PSI Fc = 565 PSI Fcll = 1300 PSI Fv = 175 PSI E = 1,400,000 PSI
6. WOOD FRAMING AND COLUMNS 2-4" THICK AND 12" WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
   Fb = 750 PSI Fc = 565 PSI Fcll = 1250 PSI Fv = 175 PSI E = 1,400,000 PSI
7. 2x4 WALL STUDS AND PLATES SHALL BE SPRUCE-PINE-FIR IN STUD GRADE WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
   Fb = 675 PSI E = 1,200,000 PSI
8. 2x6 WALL STUDS AND PLATES SHALL BE SPRUCE-PINE-FIR IN STUD GRADE WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
   Fb = 675 PSI E = 1,200,000 PSI
9. ALL LVL BEAMS SHALL BE VERSA-LAM AS MANUFACTURED BY BOISE CASCADE, OR AN APPROVED EQUAL WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
   Fb = 3100 PSI Fc = 750 PSI Fcll = 3000 PSI Fv = 285 PSI E = 2,100,000 PSI
10. ALL GLULAM BEAMS SHALL BE POWER PRESERVED GLULAM BEAMS BY ANTHONY FOREST PRODUCTS, OR AN APPROVED EQUAL WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
   Fb = 2400 PSI Fc = 740 PSI Fcll = 1650 PSI Fv = 300 PSI E = 1,800,000 PSI
11. ALL WOOD I-JOISTS SHALL BE AS MANUFACTURED BY BOISE CASCADE, OR AN APPROVED EQUAL.
12. PLYWOOD DECKING AS FOLLOWS:
   - 12.A. ALL WALL SHEATHING AND ROOF DECKING SHALL BE APA RATED SHEATHING, STRUCTURAL I OR II, EXTERIOR PLYWOOD.
   - 12.B. ROOF SHEATHING THICKNESS SHALL BE AS SHOWN ON THE ROOF FRAMING PLAN. LONG DIMENSION OF PANEL PERPENDICULAR TO SUPPORTS.
   - 12.C. WALL SHEATHING THICKNESS SHALL BE AS SHOWN ON THE SHEAR WALL PLAN.
   - 12.D. STAGGER ENDS OF SHEETS IF LAYING HORIZONTALLY.
   - 12.E. PROVIDE BLOCKING AT EDGES OF ALL SHEAR WALL PANELS.
   - 12.F. ROOF SHEATHING NAILING: (U.N.O. ON PLANS)
     - 4" O.C. MAXIMUM SPACING PANEL EDGES
     - 4" O.C. MAXIMUM SPACING INTERMEDIATE SUPPORTS.
   - 12.G. USE MINIMUM 0.113" x 2-3/8" RING SHANK NAILS (8d RING SHANK) U.N.O.
   - 12.H. ROOF DECK EDGE SUPPORT SHALL COMPLY WITH TABLE 2304.8(3).
   - 12.I. PANELS SHALL BE SPACED 1/8" END TO END PER MANUFACTURER'S RECOMMENDATION.
13. TRUSSES SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST SPECIFICATIONS & RECOMMENDATIONS OF TPI 1-2014 & BCSI-2013 BY THE TRUSS PLATE INSTITUTE (TPI).
14. TRUSS MANUFACTURER SHALL SUBMIT FOR APPROVAL CALCULATIONS & SHOP DRAWINGS FOR DETAILS, FABRICATION & ERECTION OF WOOD TRUSSES. DRAWINGS SHALL INCLUDE LAYOUT, SPACING, MATERIAL, MEMBER PROPERTIES, & DETAILS OF CONNECTIONS FOR ALL TIMBER FRAMING INDICATED ON THE DRAWINGS. TRUSSES SHALL BE DESIGNED TO RESIST THE FORCES AS INDICATED, BY THE FABRICATOR, UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED.
15. TRUSS MANUFACTURER SHALL DESIGN FOR THE FOLLOWING SUPERIMPOSED LOADS:
   - ROOF TOP CHORD DEAD LOAD 10 PSF
   - ROOF TOP CHORD LIVE LOAD 20 PSF
   - BOTTOM CHORD DEAD LOAD 10 PSF
   - BOTTOM CHORD LIVE LOAD 20 PSF

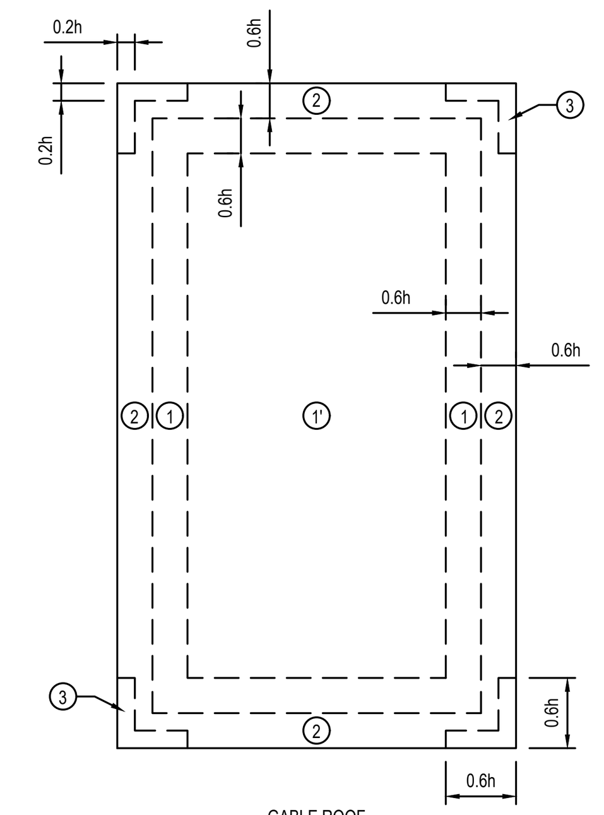
   DESIGN ROOF TRUSSES TO RESIST A NET UPLIFT PRESSURE AND DOWNWARD PRESSURE APPLIED NORMAL TO THE ROOF PLANE AS REQUIRED IN THE INTERNATIONAL BUILDING CODE.
16. IN ADDITION, WOOD TRUSSES SHALL BE DESIGNED FOR ALL CONCENTRATED LOADS HUNG FROM OR SUPPORTED ON TRUSSES. REFER TO MECHANICAL, ELECTRICAL AND ARCHITECTURAL DRAWINGS & SPECIFICATIONS FOR LOADING INFORMATION & LOCATIONS. LOADING AS REQUIRED BY OTHER SUB-CONTRACTORS, SUCH AS FIRE PROTECTION SHALL BE COORDINATED BY THE GENERAL CONTRACTOR.
17. TEMPORARY BRACING SHALL NOT IMPOSE ANY FORCES ON THE SUPPORTING STRUCTURE. PERMANENT BRACING FORCES SHALL BE TRANSFERRED TO THE ROOF DIAPHRAGM BY THE BRACING DESIGN PROVIDED BY THE TRUSS MANUFACTURER.
18. ALL SAWN LUMBER IN CONTACT WITH STEEL, MASONRY, OR CONCRETE OR EXPOSED TO EXTERIOR ENVIRONMENT SHALL BE TREATED IN ACCORDANCE WITH AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) STANDARD U1-22.
19. ALL MULTIPLE PIECE WOOD BEAMS SHALL BE CONNECTED TOGETHER WITH MINIMUM TWO ROWS OF 16d NAILS @ 8" O.C. (U.N.O.).
20. NAILING U.N.O., SHALL BE IN ACCORDANCE WITH TABLE 2304.10.1 OF THE LATEST ADOPTED EDITION OF THE INTERNATIONAL BUILDING CODE.
21. ALL CONNECTORS AND HARDWARE SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SIZE, QUANTITY, AND LOCATION OF NAILS AND FASTENERS SHALL CONFORM TO THE MANUFACTURER'S PUBLISHED LITERATURE.
22. ALL BOLTS, NAILS, JOIST HANGERS, CLIPS, STRAPS, ETC. THAT ARE IN CONTACT WITH PRESSURE TREATED MATERIAL SHALL BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL.
23. ALL LUMBER AND WOOD STRUCTURAL PANEL MEMBERS, INCLUDING PRESSURE TREATED 2" THICK AND LESS SHALL CONTAIN NO MORE THAN 19% MOISTURE AT THE TIME OF PERMANENT INCORPORATION INTO STRUCTURE.
24. FLOOR JOISTS SHALL BE DOUBLED UNDER PARALLEL WALLS U.N.O. ON PLANS.

STRUCTURAL LUMBER (CONT'D):

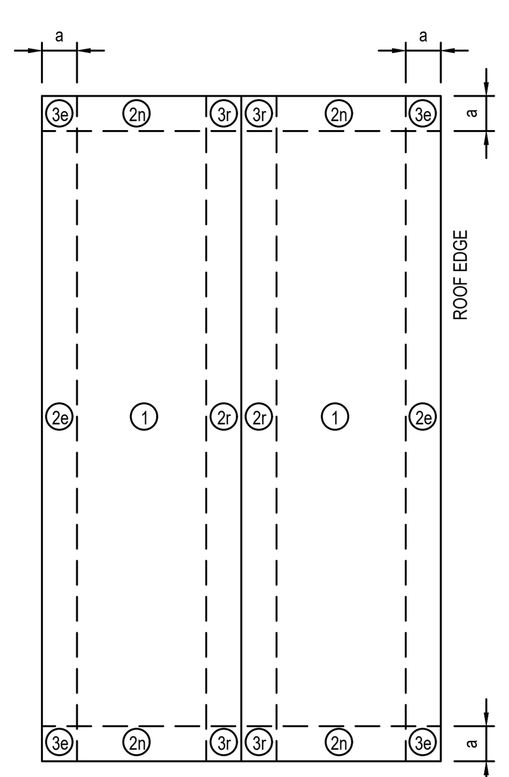
25. SOLID 2x BLOCKING OR DIAGONAL 1x BLOCKING SHALL BE PLACED BETWEEN FLOOR JOISTS AT INTERVALS NOT EXCEEDING 8 FT. UNDER LOAD BEARING WALLS.
26. STRUCTURAL MEMBERS SHALL NOT BE CUT, BORED, OR NOTCHED IN EXCESS OF THE LIMITATIONS OF THE MANUFACTURER'S PUBLISHED LITERATURE OR THE INTERNATIONAL BUILDING CODE.
27. WHERE A LOAD-BEARING WALL THAT BEARS ON WOOD I-JOISTS, IS STACKED OVER A LOAD-BEARING WALL BELOW, 2x SQUASH BLOCKS OR I-JOIST BLOCKING IS REQUIRED BETWEEN THE JOISTS, SEE FLOOR FRAMING PLAN.



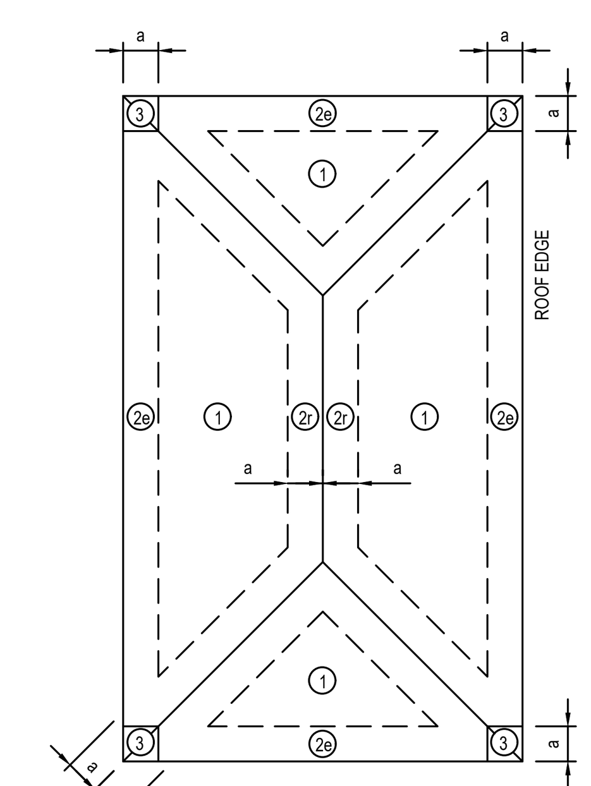
WALLS



GABLE ROOF
θ ≤ 7°



GABLE ROOF
7° < θ ≤ 45°



HIP ROOF
7° < θ ≤ 45°

COMPONENTS & CLADDING WIND PRESSURES (psf) (ALLOWABLE STRESS DESIGN) (CONT'D.)
EXPOSURE B (20 ft MRH)

	ZONE	EFF. WIND AREA (SF)	130 MPH POS	130 MPH NEG	140 MPH POS	140 MPH NEG	150 MPH POS	150 MPH NEG	160 MPH POS	160 MPH NEG	170 MPH POS	170 MPH NEG
WALLS	4	10	16.2	-17.6	18.8	-20.4	21.6	-23.5	24.6	-26.7	27.8	-30.1
	4	20	15.5	-16.9	18.0	-19.6	20.7	-22.5	23.5	-25.6	26.5	-28.9
	4	50	14.5	-15.9	16.9	-18.5	19.4	-21.2	22.0	-24.1	24.9	-27.2
	4	100	13.8	-15.2	16.0	-17.6	18.4	-20.2	20.9	-23.0	23.6	-26.0
	4	200	13.1	-14.5	15.2	-16.8	17.4	-19.3	19.8	-21.9	22.4	-24.7
	5	10	16.2	-21.8	18.8	-25.2	21.6	-29.0	24.6	-33.0	27.8	-37.2
	5	20	15.5	-20.3	18.0	-23.5	20.7	-27.0	23.5	-30.7	26.5	-34.7
	5	50	14.5	-18.4	16.9	-21.3	19.4	-24.4	22.0	-27.8	24.9	-31.4
	5	100	13.8	-16.9	16.0	-19.6	18.4	-22.5	20.9	-25.6	23.6	-28.9
	5	200	13.1	-15.4	15.2	-17.9	17.4	-20.5	19.8	-23.4	22.4	-26.4

	OPENING SIZE	EFF. WIND AREA (SF)	130 MPH POS	130 MPH NEG	140 MPH POS	140 MPH NEG	150 MPH POS	150 MPH NEG	160 MPH POS	160 MPH NEG	170 MPH POS	170 MPH NEG
WALLS (ZONE 5)	3050 WINDOW	15	15.8	-20.9	18.3	-24.2	21.1	-27.8	24.0	-31.7	27.0	-35.7
	4040 WINDOW	16	15.7	-20.8	18.3	-24.1	21.0	-27.6	23.9	-31.4	26.9	-35.5
	2868 DOOR	17.8	15.6	-20.5	18.1	-23.8	20.8	-27.3	23.7	-31.1	26.7	-35.1
	3060 WINDOW	18	15.6	-20.5	18.1	-23.8	20.8	-27.3	23.7	-31.1	26.7	-35.1
	3068 DOOR	20	15.5	-20.3	18.0	-23.5	20.7	-27.0	23.5	-30.7	26.5	-34.7
	5068 WINDOW	33.3	15.0	-19.2	17.4	-22.3	19.9	-25.6	22.7	-29.1	25.6	-32.8
	6068 DOOR	40	14.8	-18.8	17.1	-21.8	19.7	-25.1	22.4	-28.5	25.3	-32.2
	8070 WINDOW	56	14.4	-18.1	16.7	-21.0	19.2	-24.1	21.9	-27.4	24.7	-31.0
	16070 GARAGE DOOR	112	13.7	-16.7	15.9	-19.3	18.2	-22.2	20.7	-25.2	23.4	-28.5

SHEET INDEX

CODES:

LOCAL CODES, ORDINANCES, AND AMENDMENTS

GENERAL BUILDING CODE:
- 2018 INTERNATIONAL BUILDING CODE
- ASCE 7-16

CONCRETE CODES:
- BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-14)
- GUIDE TO DESIGN OF SLABS-ON-GROUND (ACI 360R-10)

MASONRY CODE:
- BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES (TMS 402-13/ACI 530-13/ASCE 5-13)

WOOD CODES:
- AWC MANUAL FOR ENGINEERED WOOD CONSTRUCTION (2018)
- AWC NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION (2018)
- AWC SPECIAL DESIGN PROVISIONS FOR WIND & SEISMIC (SDPWS) (2015)
- AWC NATIONAL DESIGN SPECIFICATION (NDS) SUPPLEMENT (2018)
- AWC WOOD FRAME CONSTRUCTION MANUAL (WFCM) (2018)

DESIGN LOADS:

FLOOR LOADS:
- DEAD LOAD 10 PSF
- LIVE LOAD 100 PSF

CEILING LOADS:
- DEAD LOAD 10 PSF
- LIVE LOAD 10 PSF (UNINHABITABLE ATTIC w/o STORAGE)
  20 PSF (UNINHABITABLE ATTIC w/ LIMITED STORAGE)
  30 PSF (HABITABLE ATTICS AND ATTICS w/ FIXED STAIRS)

ROOF LOADS:
- DEAD LOAD 10 PSF
- LIVE LOAD 20 PSF

WIND LOADS:
- WIND SPEED = 160 MPH
- EXPOSURE = B
- MEAN ROOF HEIGHT = 20 FEET

- RISK CATEGORY II
- WIND DIRECTIONALITY FACTOR, Kd = 0.85
- TOPOGRAPHIC FACTOR, Kzt = 1.0
- GROUND ELEVATION FACTOR, Ke = 1.0
- GUST-EFFECT FACTOR, G = 0.85
- ENCLOSURE CLASSIFICATION = ENCLOSED BUILDING
- INTERNAL PRESSURE COEFFICIENT = ±0.18
- a = 4 FEET

COMPONENTS & CLADDING WIND PRESSURES (psf) (ALLOWABLE STRESS DESIGN)
EXPOSURE B (20 ft MRH)

	ZONE	EFF. WIND AREA (SF)	130 MPH POS	130 MPH NEG	140 MPH POS	140 MPH NEG	150 MPH POS	150 MPH NEG	160 MPH POS	160 MPH NEG	170 MPH POS	170 MPH NEG
GABLE ROOF 0 TO 7° (0 TO 1.5:12) (w/o OVERHANG)	1	10	6.6	-25.9	7.7	-30.0	8.8	-34.5	10.0	-39.2	11.3	-44.3
	1'	10	6.6	-21.8	7.7	-25.2	8.8	-29.0	10.0	-33.0	11.3	-37.2
	2	10	6.6	-34.1	7.7	-39.6	8.8	-45.5	10.0	-51.7	11.3	-58.4
	3	10	6.6	-46.5	7.7	-54.0	8.8	-62.0	10.0	-70.5	11.3	-79.6
GABLE ROOF 0 TO 7° (0 TO 1.5:12) (w OVERHANG)	1	10	6.6	-25.9	7.7	-30.0	8.8	-34.5	10.0	-39.2	11.3	-44.3
	1'	10	6.6	-25.9	7.7	-30.0	8.8	-34.5	10.0	-39.2	11.3	-44.3
	2	10	6.6	-34.1	7.7	-39.6	8.8	-45.5	10.0	-51.7	11.3	-58.4
	3	10	6.6	-46.5	7.7	-54.0	8.8	-62.0	10.0	-70.5	11.3	-79.6
GABLE ROOF >7° TO 20° (>1.5:12 TO 4.4:12)	1	10	9.9	-30.0	11.4	-34.8	13.1	-40.0	14.9	-45.5	16.8	-51.3
	2e	10	9.9	-30.0	11.4	-34.8	13.1	-40.0	14.9	-45.5	16.8	-51.3
	2n	10	9.9	-43.8	11.4	-50.8	13.1	-58.3	14.9	-66.3	16.8	-74.9
	2r	10	9.9	-43.8	11.4	-50.8	13.1	-58.3	14.9	-66.3	16.8	-74.9
	3e	10	9.9	-43.8	11.4	-50.8	13.1	-58.3	14.9	-66.3	16.8	-74.9
	3r	10	9.9	-52.0	11.4	-60.4	13.1	-69.3	14.9	-78.8	16.8	-89.0
GABLE ROOF >20° TO 27° (>4.4:12 TO 6.1:12)	1	10	9.9	-23.1	11.4	-26.8	13.1	-30.8	14.9	-35.0	16.8	-39.6
	2e	10	9.9	-23.1	11.4	-26.8	13.1	-30.8	14.9	-35.0	16.8	-39.6
	2n	10	9.9	-36.9	11.4	-42.8	13.1	-49.1	14.9	-55.9	16.8	-63.1
	2r	10	9.9	-36.9	11.4	-42.8	13.1	-49.1	14.9	-55.9	16.8	-63.1
	3e	10	9.9	-55.2	11.4	-64.0	13.1	-73.5	14.9	-83.6	16.8	-94.4
	3r	10	9.9	-52.0	11.4	-60.4	13.1	-69.3	14.9	-78.8	16.8	-89.0
GABLE ROOF >27° TO 45° (>6.1:12 TO 12:12)	1	10	14.9	-27.3	17.2	-31.6	19.8	-36.3	22.5	-41.3	25.4	-46.6
	2e	10	14.9	-27.3	17.2	-31.6	19.8	-36.3	22.5	-41.3	25.4	-46.6
	2n	10	14.9	-30.0	17.2	-34.8	19.8	-40.0	22.5	-45.5	25.4	-51.3
	2r	10	14.9	-27.3	17.2	-31.6	19.8	-36.3	22.5	-41.3	25.4	-46.6
	3e	10	14.9	-36.8	17.2	-42.7	19.8	-49.0	22.5	-55.8	25.4	-62.9
	3r	10	14.9	-30.0	17.2	-34.8	19.8	-40.0	22.5	-45.5	25.4	-51.3
HIP ROOF >7° TO 20° (>1.5:12 TO 4.4:12) h/B ≤ 0.5	1	10	12.1	-20.4	14.1	-23.6	16.1	-27.1	18.4	-30.9	20.7	-34.8
	2e	10	12.1	-27.3	14.1	-31.6	16.1	-36.3	18.4	-41.3	20.7	-46.6
	2r	10	12.1	-35.5	14.1	-41.2	16.1	-47.3	18.4	-53.8	20.7	-60.7
	3	10	12.1	-27.3	14.1	-31.6	16.1	-36.3	18.4	-41.3	20.7	-46.6
HIP ROOF >7° TO 20° (>1.5:12 TO 4.4:12) h/B ≥ 0.8	1	10	12.1	-27.3	14.1	-31.6	16.1	-36.3	18.4	-41.3	20.7	-46.6
	2e	10	12.1	-38.3	14.1	-44.4	16.1	-51.0	18.4	-58.0	20.7	-65.4
	2r	10	12.1	-35.5	14.1	-41.2	16.1	-47.3	18.4	-53.8	20.7	-60.7
	3	10	12.1	-38.3	14.1	-44.4	16.1	-51.0	18.4	-58.0	20.7	-65.4
HIP ROOF >20° TO 27° (>4.4:12 TO 6.1:12)	1	10	12.1	-21.8	14.1	-25.2	16.1	-29.0	18.4	-33.0	20.7	-37.2
	2e	10	12.1	-30.0	14.1	-34.8	16.1	-40.0	18.4	-45.5	20.7	-51.3
	2r	10	12.1	-30.0	14.1	-34.8	16.1	-40.0	18.4	-45.5	20.7	-51.3
	3	10	12.1	-30.0	14.1	-34.8	16.1	-40.0	18.4	-45.5	20.7	-51.3
HIP ROOF >27° TO 45° (>6.1:12 TO 12:12)	1	10	11.5	-23.1	13.3	-26.8	15.3	-30.8	17.4	-35.1	19.6	-39.6
	2e	10	11.5	-27.7	13.3	-32.1	15.3	-36.8	17.4	-41.9	19.6	-47.3
	2r	10	11.5	-37.6	13.3	-43.6	15.3	-50.0	17.4	-56.9	19.6	-64.2
	3	10	11.5	-36.7	13.3	-42.6	15.3	-48.9	17.4	-55.6	19.6	-62.8

SHADED CELLS INDICATE PRESSURES APPLICABLE TO THIS PROJECT

B/E ENGINEERING CB, LLC
3233 Executive Park Cir.
Mobile, AL 36606
251-661-4747
thebethelgroup.com
bethel GROUP

PROPOSED NEW CONSTRUCTION FOR
27235 CANAL ROAD
ORANGE BEACH, AL 36561

REVISION LOG

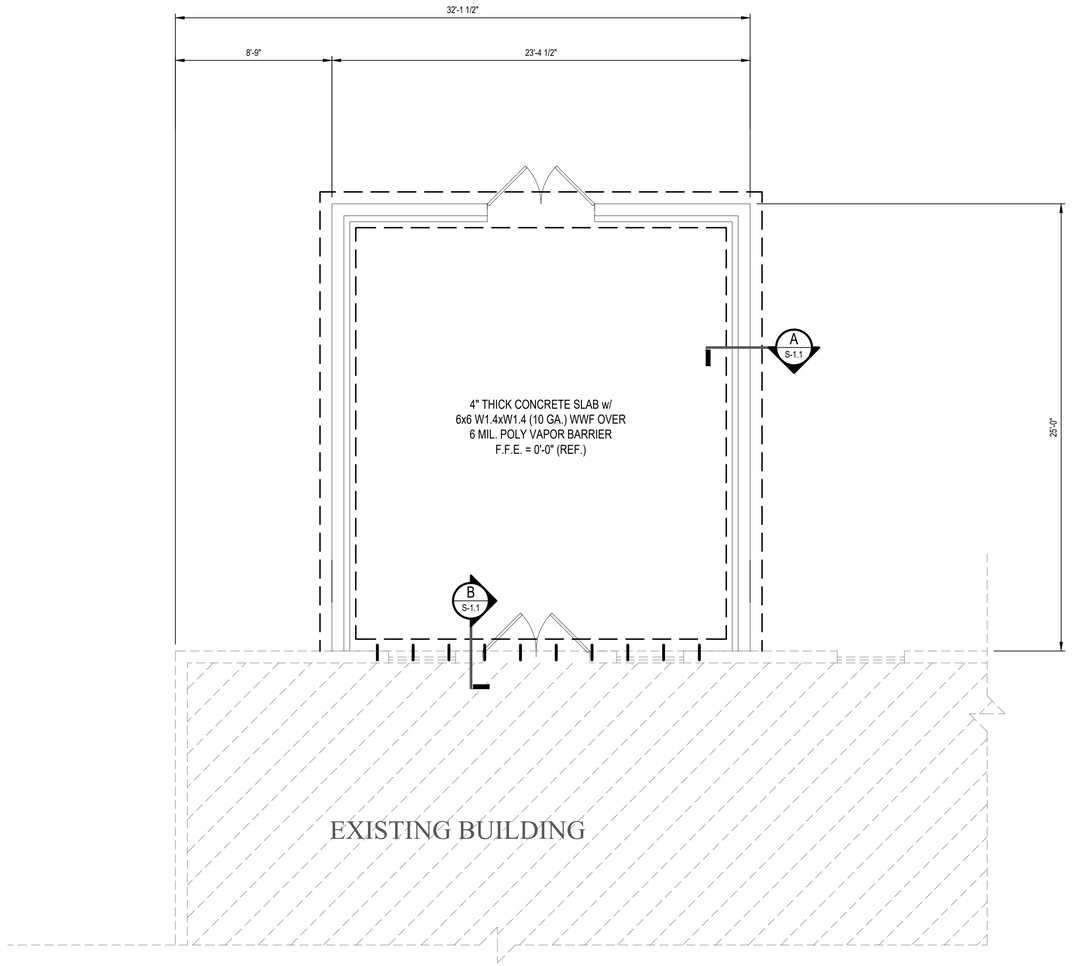
REV	DATE	BY	DESCRIPTION

PROJECT NUMBER:	CB2306-003
DRAWN BY:	JPW
CHECKED BY:	VDL
ISSUE DATE:	9/1/23

ALABAMA LICENSED No. 24712 PROFESSIONAL ENGINEER VINCENT D. LACOSTE II 9/1/23

SHEET TITLE & NUMBER:
GENERAL NOTES
S-0.0

LAST SAVED: J.WILLIAMS PRINTED BY: JOE WILLIAMS 9/14/2023 7:54:35 AM I:\fs1\Bethel\Bethel Engineering Main\Structural Engineering\B.E Engineering CB, LLC\2023\CB2306\CB2306-003 09 Community Center\CB2306-003 09 Community Center.rvt



NOTES:

1. ALL DIMENSIONS ARE TAKEN TO FACE OF STUD. DISTANCE FROM FACE OF STUD TO FACE OF BRICK VENEER SHALL BE 5" U.N.O.
2. ALL EXTERIOR PORCH POSTS SHALL BE PT 6x6 POSTS U.N.O.

FOUNDATION PLAN

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

B/E ENGINEERING CB, LLC
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PROPOSED NEW CONSTRUCTION FOR
27235 CANAL ROAD
ORANGE BEACH, AL 36561

REV	DATE	BY	DESCRIPTION

REVISION LOG

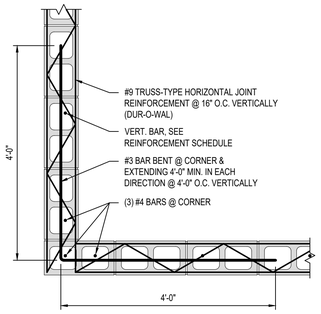
PROJECT NUMBER:	CB2306-003
DRAWN BY:	JPW
CHECKED BY:	VDL
ISSUE DATE:	9/1/23

ALABAMA
No. 24712
PROFESSIONAL
9/1/23
ENGINEER
VINCENT D. LACOSTE

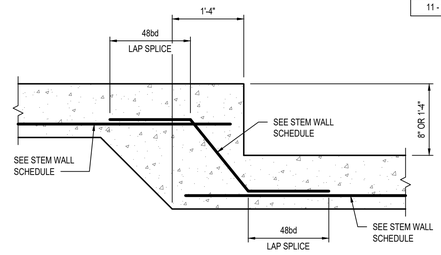
SHEET TITLE & NUMBER:
FOUNDATION PLAN

S-1.0

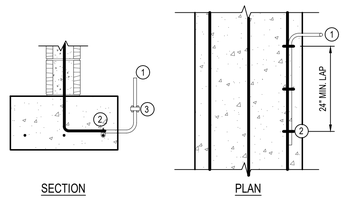
STEMWALL SCHEDULE						
WALL HEIGHT	WALL THICKNESS	A	B	C	WALL REINFORCEMENT	LONGITUDINAL FOOTING REINFORCEMENT
5 BLOCKS OR LESS	8"	8"	1'-4"	2'-0"	#4 BARS @ 32" O.C.	(3) #4 BARS CONT.
6 - 8 BLOCKS	8"	1'-0"	1'-8"	2'-8"	#4 BARS @ 24" O.C.	(4) #4 BARS CONT.
9 - 10 BLOCKS	8"	1'-2"	1'-10"	3'-0"	#5 BARS @ 16" O.C.	(4) #4 BARS CONT.
11 - 12 BLOCKS	12"	1'-6"	2'-6"	4'-0"	#5 BARS @ 8" O.C.	(5) #4 BARS CONT.



TYP. CMU CORNER REINFORCEMENT DETAIL
SCALE: 3/4" = 1'-0"

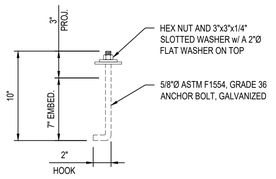


TYP. FOOTING STEP DETAIL
SCALE: 3/4" = 1'-0"

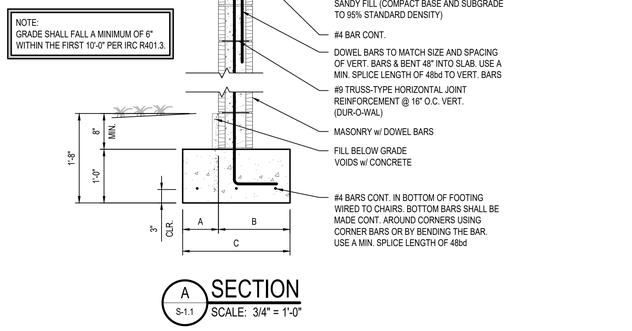


1. STANDARD GROUNDING ELECTRODE LOCATED CLOSE TO SERVICE ENTRANCE, ABOVE GRADE.
2. ELECTRODE TIED (MIN. 3 TIES) TO OUTER TENSION ROD IN FOOTING - MIN. 24" LAP.
3. ELECTRICIAN TO INSTALL GROUND CLAMP BELOW GRADE, CUT ELECTRODE BELOW GRADE AND INSTALL GROUND SERVICE ENTRANCE.

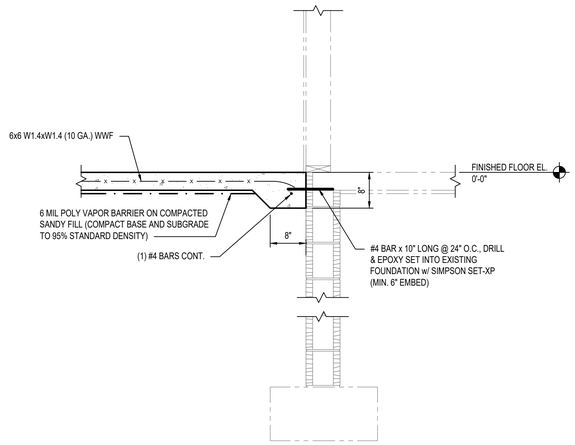
TYPICAL GROUNDING DETAIL
SCALE: 3/4" = 1'-0"



TYPICAL ANCHOR BOLT DETAIL
SCALE: 1 1/2" = 1'-0"



A S-1.1 SECTION
SCALE: 3/4" = 1'-0"



B S-1.1 SECTION
SCALE: 3/4" = 1'-0"

B/E ENGINEERING CB, LLC
3233 Executive Park Cir.
Mobile, AL 36606
251-661-4747
thebethelgroup.com

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PROPOSED NEW CONSTRUCTION FOR
27235 CANAL ROAD
ORANGE BEACH, AL 36561

REV	DATE	BY	DESCRIPTION

REVISION LOG

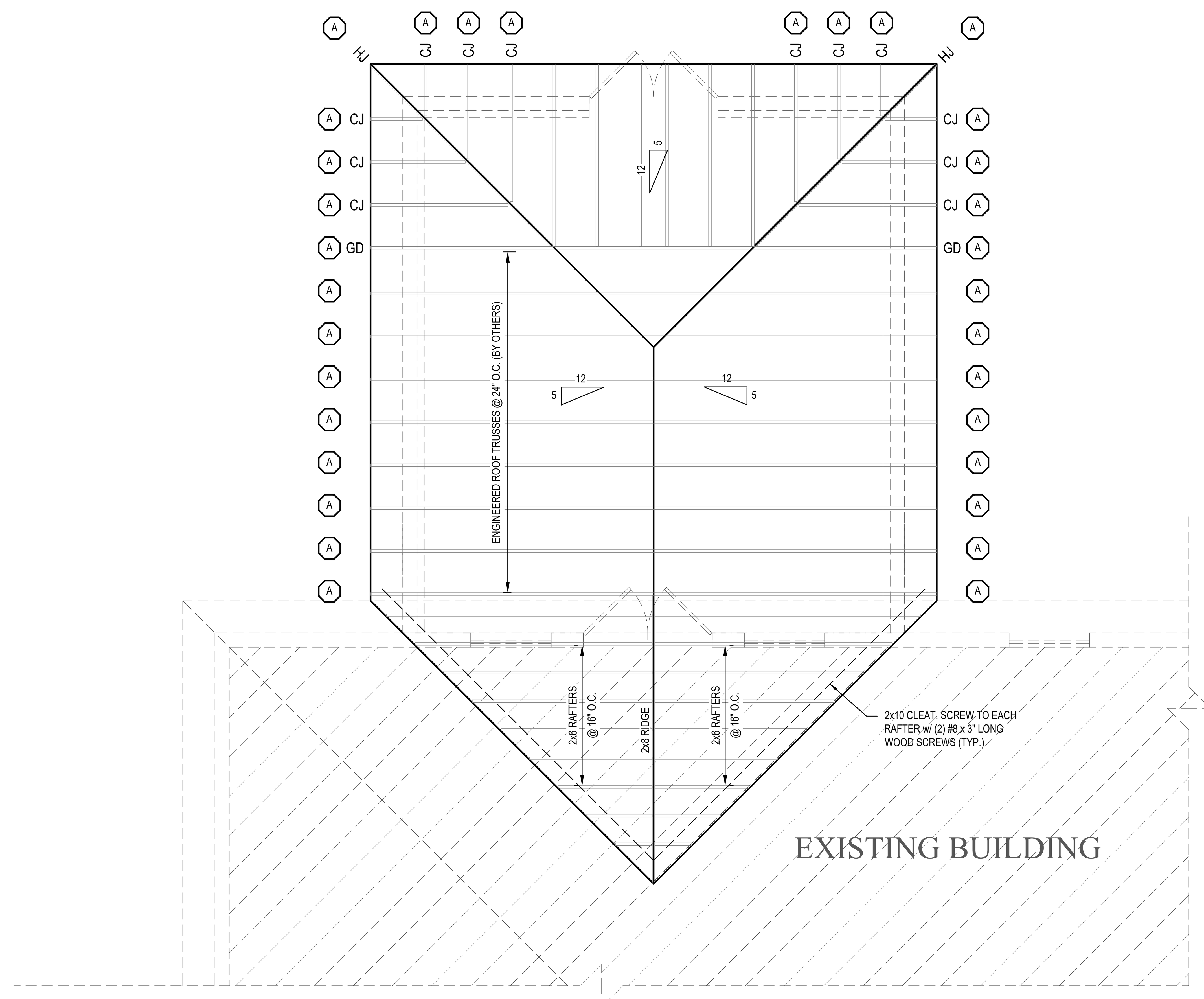
PROJECT NUMBER:	CB2306-003
DRAWN BY:	JPW
CHECKED BY:	VDL
ISSUE DATE:	9/1/23

ALABAMA — No. 24712 — PROFESSIONAL ENGINEER — 9/1/23 — VINCENT D. LACOSTE

SHEET TITLE & NUMBER:
FOUNDATION SECTIONS & DETAILS

S-1.1

LAST SAVED:J.WILLIAMS PRINTED BY: JOE WILLIAMS 9/14/2023 7:54:37 AM \\fs1\Bethel\Bethel Engineering Main\Structural Engineering\B/E Engineering CB, LLC\2023\CB2306\CB2306-003 OB Community Center\CB2306-003 OB Commu[illegible]



ROOF FRAMING PLAN

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

METAL ROOF NOTES:

THE DESIGN PRESSURE RATINGS FOR THE SELECTED METAL ROOF SHALL MEET OR EXCEED THE REQUIRED DESIGN UPLIFT PRESSURES SHOWN ON SHEET S-0.0.

DP RATINGS FROM THE SELECTED METAL ROOF SHALL HAVE A CERTIFIED REPORT FROM ONE OF THE FOLLOWING ORGANIZATIONS, OR INCORPORATE A 2.0 SAFETY FACTOR:

- FLORIDA BUILDING CODE PRODUCT APPROVAL
- INTERNATIONAL CODE COUNCIL EVALUATION SERVICE (ICC-ES) REPORT
- MIAMI-DADE NOTICE OF ACCEPTANCE (NOA)
- TEXAS DEPARTMENT OF INSURANCE (TDI) PRODUCT EVALUATION

THE SUBSTRATE THAT IS INSTALLED SHALL BE PER THE CERTIFIED REPORT FROM THE METAL ROOF MANUFACTURER.

TRUSS STRAPPING REQUIREMENTS

KEY	QUANTITY	SIMPSON TIE TO TOP PLATE	NOTES	SIMPSON TIE TO BOTTOM PLATE
A	32	MTSM16		

NOTE:
TRUSS LAYOUT SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY. TRUSS DESIGN AND LAYOUT SHALL BE BY OTHERS.

CONTRACTOR SHALL PROVIDE ENGINEER A TRUSS LAYOUT & TRUSS REACTIONS PRIOR TO CONSTRUCTION SO THAT TRUSS CONNECTIONS AND LOAD PATHS MAY BE VERIFIED.

NOTES:

1. ALL TRUSSES SHALL BE BY OTHERS. TRUSS TO TRUSS CONNECTIONS SHALL BE THE RESPONSIBILITY OF THE TRUSS DESIGNER.
2. ALL METAL ROOFS SHALL HAVE 19/32" NOMINAL APA RATED PLYWOOD SHEATHING WITH 10d RING SHANK NAILS AT 4" O.C. EDGE AND 4" O.C. FIELD SPACING. THE SELECTED SUBSTRATE SHALL MEET THE REQUIREMENTS OF THE CERTIFIED REPORT FROM THE METAL ROOF MANUFACTURER. SEE METAL ROOF NOTES THIS SHEET.

LEGEND:

(X)	TRUSS HOLDOWN
CJ	CORNER JACK TRUSS
EJ	END JACK TRUSS
GD	GIRDER TRUSS
HJ	HIP JACK TRUSS

B/E ENGINEERING CB, LLC
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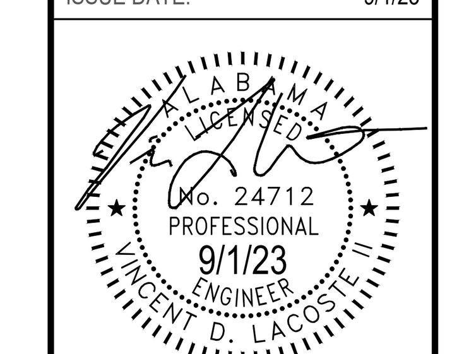


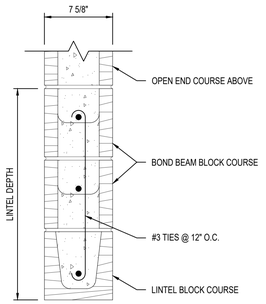
SHEET TITLE & NUMBER:
ROOF FRAMING PLAN

S-2.0

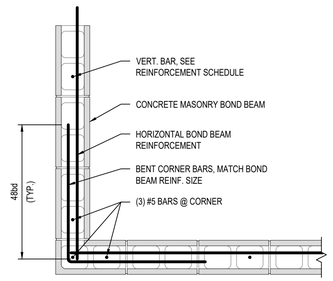
CMU LINTEL SCHEDULE		
OPENING SPAN	LINTEL DEPTH	NO. OF #5 BARS IN EACH BLOCK
UP TO 4'-0"	8"	1
OVER 4'-0" TO 6'-4"	16"	1
OVER 6'-4" TO 12'-0"	32"	1

NOTES:

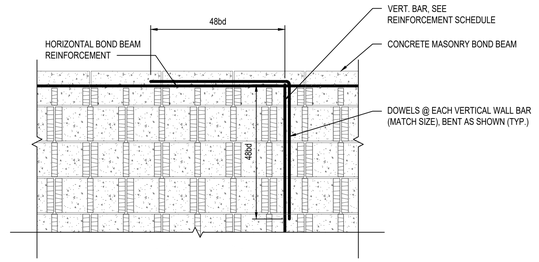
1. FOR OPENINGS 6'-0" AND LESS, PROVIDE MIN. 8" BEARING w/ (2) #6 VERTICAL EACH SIDE OF OPENING.
2. FOR OPENINGS LARGER THAN 6'-0" PROVIDE MIN. 16" BEARING w/ (2) #6 VERTICAL EACH SIDE OF OPENING.
3. EXTEND HORIZONTAL REINFORCEMENT MIN. 16" PAST EACH SIDE OF OPENING.
4. EXTEND VERTICAL REINFORCEMENT FULL HEIGHT OF WALL EACH SIDE OF OPENING.
5. GROUT ALL REINFORCEMENT SOLID w/ 2500 PSI GROUT.
6. FOR CMU WALLS w/ MASONRY VENEER, OPENING SIZE REFERS TO OPENING WIDTH FOR VENEER IF DIFFERENT THAN CMU OPENING WIDTH.
7. GROUT LINTEL SOLID TO DEPTH INDICATED ON SCHEDULE U.N.O. ON DRAWING.
8. SHORE ALL CMU LINTELS DURING CONSTRUCTION UNTIL MASONRY & GROUT HAVE SET.



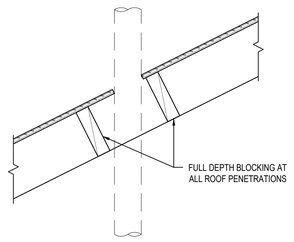
LINTEL SECTION
SCALE: 1 1/2" = 1'-0"



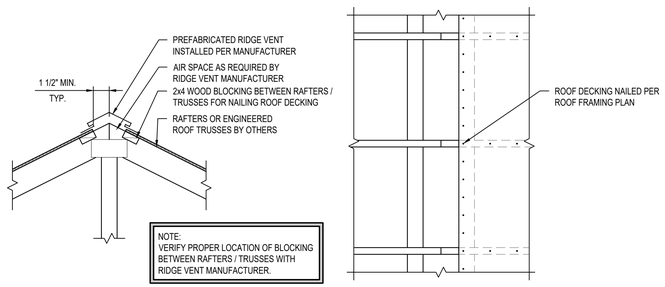
TYP. CMU BOND BEAM CORNER REINFORCEMENT DETAIL
SCALE: 3/4" = 1'-0"



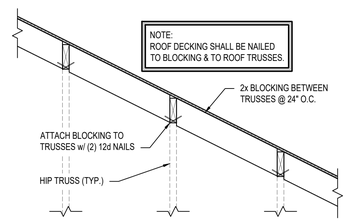
TYP. CMU FILLED CELL TO BOND BEAM REINFORCEMENT DETAIL
SCALE: 3/4" = 1'-0"



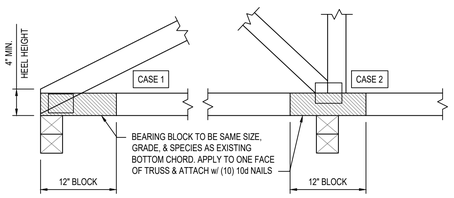
BLOCKING AT ROOF PENETRATIONS
SCALE: 1 1/2" = 1'-0"



RIDGE VENT BLOCKING DETAIL
SCALE: 3/4" = 1'-0"



TYPICAL HIP TRUSS TOP CHORD BLOCKING DETAIL
SCALE: 3/4" = 1'-0"



BEARING BLOCK DETAIL
SCALE: 3/4" = 1'-0"

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PROPOSED NEW CONSTRUCTION FOR
27235 CANAL ROAD
ORANGE BEACH, AL 36561

REV	DATE	BY	DESCRIPTION

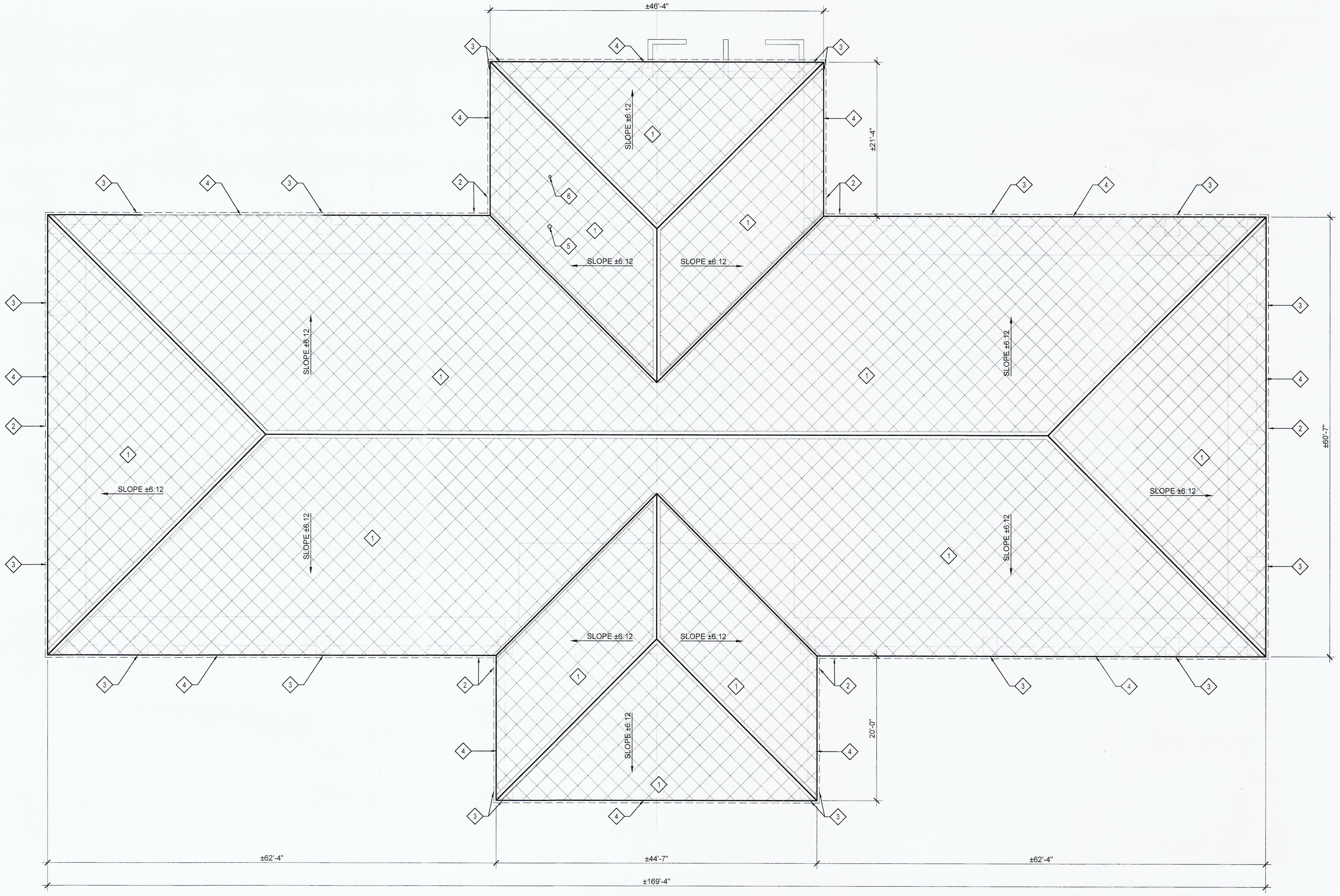
REVISION LOG

PROJECT NUMBER:	CB2306-003
DRAWN BY:	JPW
CHECKED BY:	VDL
ISSUE DATE:	9/1/23

ALABAMA LICENSED PROFESSIONAL ENGINEER
No. 24712
9/1/23
VINCENT D. LACOSTE

SHEET TITLE & NUMBER:
FRAMING SECTIONS & DETAILS

S-3.0



DEMOLITION ROOF PLAN

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

LEGEND:

- ◇0 SHEET KEYNOTE TAG SEE KEYNOTE LEGEND FOR DESCRIPTION
- 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 ◇0

1. EXISTING EXPOSED FASTENER METAL ROOFING SYSTEM TO BE REMOVED TO SURFACE OF EXISTING MEMBRANE ROOFING SYSTEM. EXISTING PLYWOOD DECK AND MEMBRANE ROOF TO REMAIN.
2. EXISTING METAL GUTTER TO BE REMOVED IN IT'S ENTIRETY, INCLUDING STRAPS AND LEAF-GUARD SCREEN WHERE INSTALLED.
3. EXISTING METAL DOWNSPOUTS TO BE REMOVED IN THEIR ENTIRETY, INCLUDING STRAPS.
4. EXISTING METAL FLASHING TO BE REMOVED.
5. EXISTING FLUE STACK FLASHING TO BE REMOVED. FLUE STACK TO REMAIN.
6. EXISTING PLUMBING VENT FLASHING TO BE REMOVED. VENT PIPE TO REMAIN.

STATE OF ALABAMA
JOHN A. McARTHUR, III
#6431
7/20/23
REGISTERED ARCHITECT

watermark
DESIGN GROUP, LLC
architecture • interior design
planning • landscape architecture

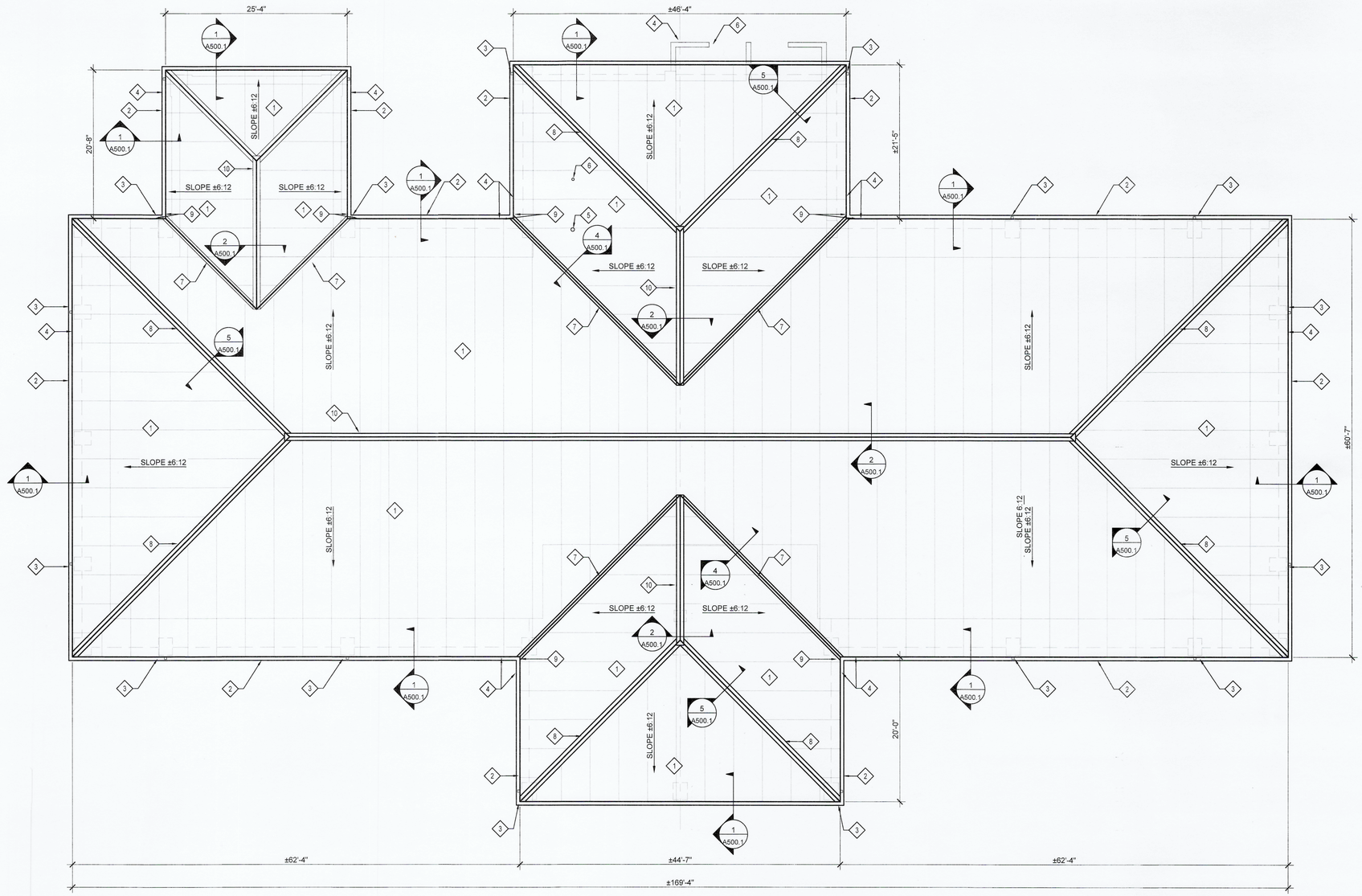
McCOLLOUGH ARCHITECTURE, INC.
P.O. BOX 6310
GULF SHORES, ALABAMA
36547-6310
PHONE: 251-968-7222

A NEW ADDITION FOR ORANGE BEACH COMMUNITY CENTER

ORANGE BEACH, AL

JOB NO.:	-
DRAWN:	N.G/D.G
CHECKED:	S.M
DATE:	2023.06.20
REVISION:	
SCALE:	
SHEET NO.:	AD100

ROOF DEMOLITION PLAN



RE-ROOF PLAN
SCALE: 1/8" = 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 .

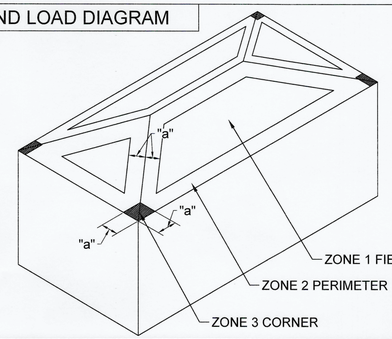
KEYNOTE LEGEND

1. NEW STANDING SEAM METAL ROOFING SYSTEM, ON SELF-ADHERING MEMBRANE UNDERLAYMENT ON EXISTING PLYWOOD DECK. (SEE GENERAL NOTE 2)
2. NEW METAL GUTTER WITH STRAPS AND BRACKETS - SEE DETAIL 1/A500.1
3. NEW METAL DOWNSPOUTS INCLUDING STRAPS.
4. NEW METAL DRIP EDGE FLASHING.
5. NEW PLUMBING VENT FLASHING AT EXISTING 6" FLUE STACK THROUGH ROOF. SEE DETAIL 8/ A500.1
6. NEW PLUMBING VENT FLASHING AT EXISTING 4" PVC VENT STACK THROUGH ROOF. SEE DETAIL 7/A500.1
7. NEW METAL VALLEY FLASHING - SEE DETAIL 4/A500.1
8. NEW METAL CAP FLASHING AT HIP - SEE DETAIL 5/A500.1
9. PROVIDE SPLASH GUARD/DIVERTER AT OUTSIDE EDGE OF NEW GUTTER WHERE VALLEY TERMINATES AT INSIDE CORNER CONDITION.
10. NEW VENTED METAL CAP FLASHING AT RIDGE. CUT EXISTING DECK AT RIDGE TO PROVIDE REQUIRED AREA FOR VENTILATION - SEE DETAIL 2/A500.1

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



STATE OF ALABAMA
JOHN A. McARTHUR, III
#6431
7/20/23
REGISTERED ARCHITECT

watermark DESIGN GROUP, LLC
architecture • interior design
planning • landscape architecture

McCOLLOUGH ARCHITECTURE, INC.
P.O. BOX 6310
GULF SHORES, ALABAMA
36547-6310
PHONE: 251-968-7222

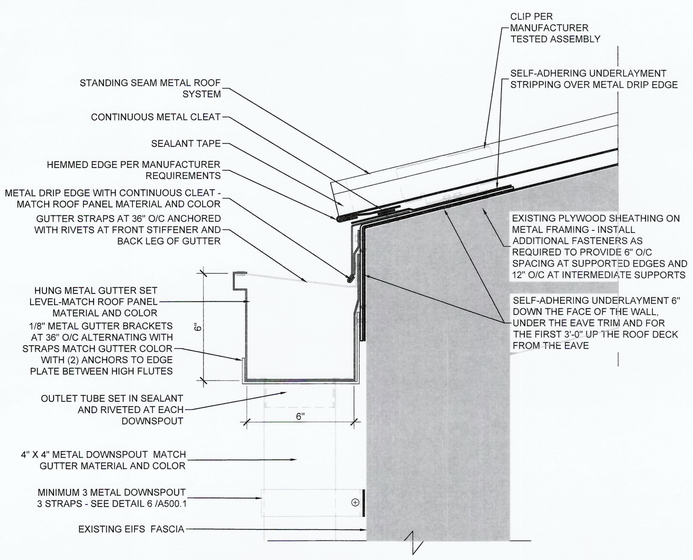
A NEW ADDITION FOR ORANGE BEACH COMMUNITY CENTER

ORANGE BEACH, AL

JOB NO.:	-
DRAWN:	N.G/D.G
CHECKED:	S.M
DATE:	2023.06.20
REVISION:	
SCALE:	

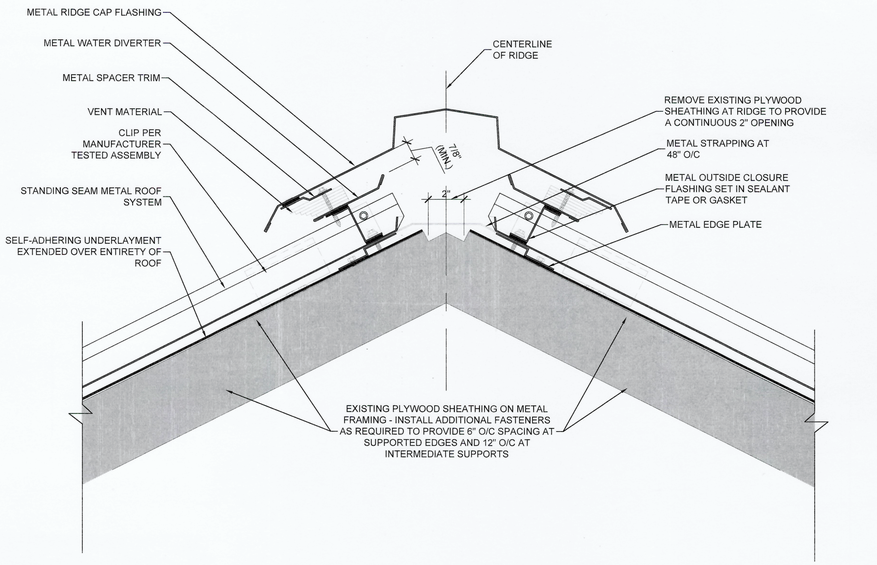
SHEET NO.:
A100.1

RE-ROOF PLAN



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

EXISTING CONSTRUCTION TO REMAIN



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

EXISTING CONSTRUCTION TO REMAIN

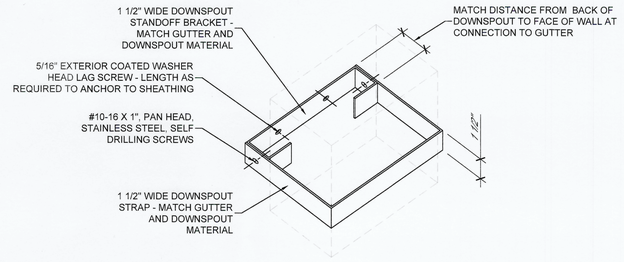
3 NOT IN USE
SCALE: 3"=1'-0"

4 VALLEY 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

7 PLUMBING VENT DETAIL
SCALE: 3"=1'-0"

EXISTING CONSTRUCTION TO REMAIN

8 FLUE STACK DETAIL
SCALE: 3"=1'-0"

EXISTING CONSTRUCTION TO REMAIN

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A NEW ADDITION FOR ORANGE BEACH COMMUNITY CENTER

ORANGE BEACH, AL

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SCALE:	

SHEET NO.:
A500.1

ROOF DETAILS

STATE OF ALABAMA
JOHN A. McARTHUR, III
#6431
1/20/23
REGISTERED ARCHITECT