



# Eric Aden, Okaloosa County Sheriff

Headquarters: 50 2nd Street, Shalimar Florida 32579-1234 Phone: (850) 651-7410, Email: Sheriff@sheriff-okaloosa.org

To: Qualified Contractors From: Captain Ron Kimble

Date: 12/29/2023

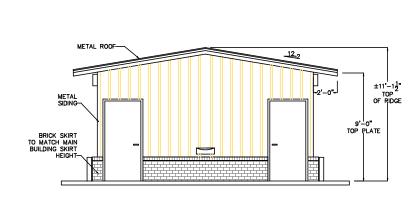
Re: Construction Quote

The Okaloosa County Sheriff's Office is seeking quotes from licensed contractors for the construction of a bathroom facility at the Public Safety Training Center, 650 Chappie James Street SW, Crestview, FL 32536. Quotes will be accepted until 4:00PM on January 19, 2024.

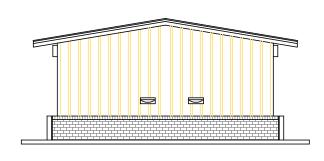
All materials, labor, permitting, and equipment necessary for construction should be accounted for in the quote. The project should commence as soon as possible. The contractor must be able to complete the project without unnecessary delay. Water, power, and sewer are present at the chosen build site. Please see the attached plans for more details.

Quotes should be submitted to <u>facilities@sheriff-okaloosa.org</u>. Questions may be directed to <u>facilities@sheriff-okaloosa.org</u> or 850-613-2341.

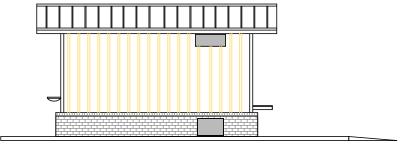




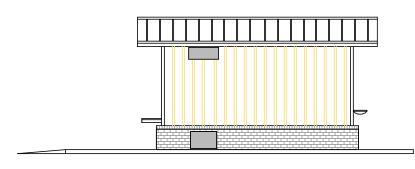
FRONT ELEVATION: I/8"=1'-0"



REAR ELEVATION: 1/8"=1'-0"



LEFT ELEVATION: 1/8"=1'-0"



RIGHT ELEVATION: I/8"=1'-0"

## SHEET INDEX:

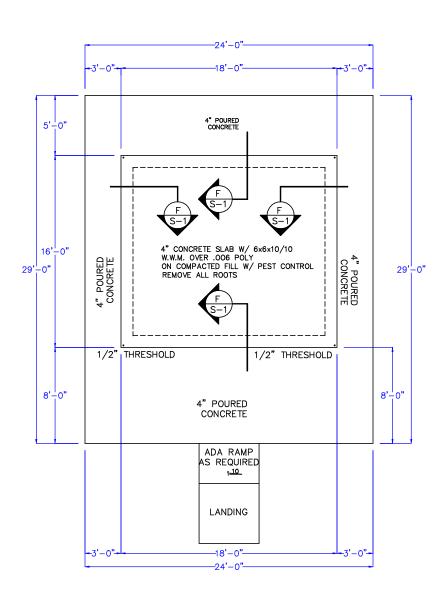
**ELEVATIONS/FOUNDATION PLAN** FLOOR PLAN.TRUSS PLAN STRUCTURAL DETAILS

A-l **A-2** SI-3

TOTAL AREA:

288 SQ. FT.

PROJECT: RESTROOMS

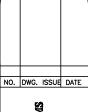


# FOUNDATION PLAN: I/8"=1'-0"

• 5/8" ALL THREAD @ 25' MINIMUM







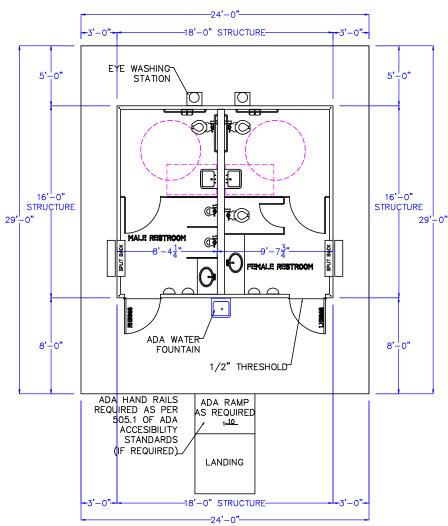
DRAWING DESCRIPTION

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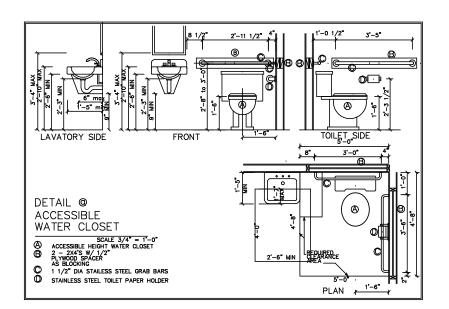
DATE: 10/12/2022 SCALE: 1/8"=1'-0"

DRAWING NUMBER

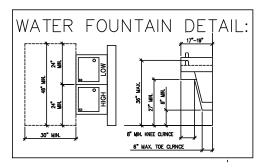


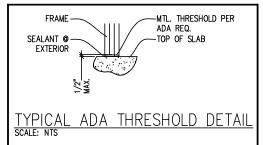


FLOOR PLAN: 1/8"=1'-0"



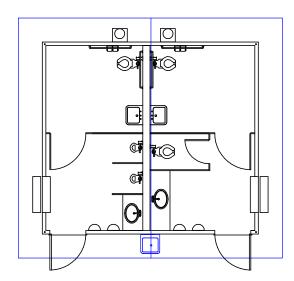
GENERAL NOTES: ALL MAN DOORS SHALL HAVE SINGLE LOCK LEVER HANDLES





VERIFY LOAD BEARING WALLS

PRE-ENGINEERED ROOF TRUSSES @ 16" O.C., DESIGN BY OTHERS



TRUSS PLAN: 1/8"=1'-0"

TRUSS DRAWINGS TO BE INCLUDED WITH PERMIT DRAWINGS

TRUSSES TO BE DESIGNED FOR ATTIC ACCESS AND STORAGE OVER GARAGE. AREAS OF ATTIC STORAGE TO BE DESIGNED FOR 30 PSF. DEFL.//A/AX = L/360 (BUILDER TO VERIFY WITH OWNER AND TRUSS DESIGNER).

COMMERCIAL AND RESIDENTIAL

COMMERCIAL AND RESIDENTIAL

P.O. Box 4915
Fig. Walton Search Florida 32549
850-240-3250 850-850-0443 cell
FI. PE 42137 F. CA7066
eallen 18©cox.net manewell@cox.net FRECHION DESIGN AND BUILDING SERV ENGINEER'S SEAL NO. DWG. ISSUE DATE

OCSO TRAINING CENTER RESTROOMS 700 CHAPPIE JAMES STREET, NW CRESTVIEW, FL 32536

CONTRACTOR

DRAWING DESCRIPTION

JOB #
DRAWN BY:

CHECKED BY:

DATE: 10/12/2022

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

DRAWING NUMBER



#### ELECTRICAL GENERAL NOTES

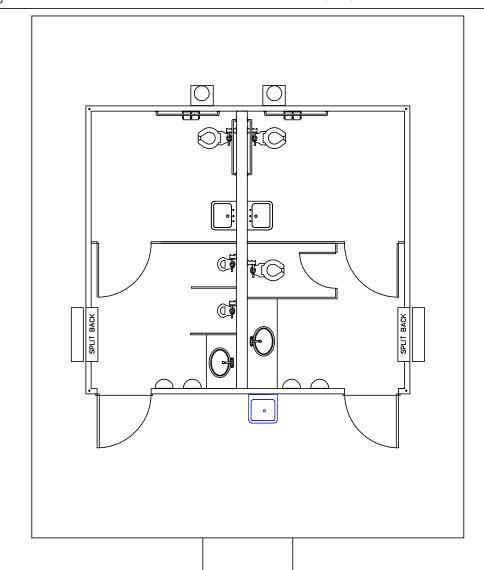
- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO MECHANICAL , PLUMBING DRAWN FOR EXACT SIZE AND LOCATION OF EQUIPMENT WHICH IS FURNISHED BY OTHERS AND CONNECTED BY ELECTRICAL
- RECEPTACLES, SWITCHES AND COVERPLATES COLOR SHALL BE SELECTED BY THE OWNER FROM STANDARD COLORS. DATA JACKS AND COVERPLATES SHALL COLOR SHALL MATCH WRING DEVICES & COVER PLATES COLORS.
- VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGHING-IN WALL FOR SWITCHES.
- LOCATION OF DISCONNECT SWITCHES, ETC. FOR MECHANICAL EQUIPMENT SHALL BE COORDINATED WITH FINAL MECHANICAL EQUIPMENT LOCATION TO PROVIDE NATIONAL ELECTRIC CODE REQUIRED ACCESS SPACE.
- E. FINAL CONNECTION TO ALL MOTORS SHALL BE WITH FLEXIBLE CONDUIT CONNECTION.
- ALL EXIT AND EMERGENCY FIXTURES SHALL BE CONNECTED TO LIGHT CIRCUIT AHEAD OF LOCAL SWITCH.
- G. ALL PANELBOARDS, BACKBOARDS, TERMINAL CABINETS, ETC SHALL HAVE CUSTOM ENGRAVED MICARTA NAMEPLATE MECHANICALLY AFFIXED IDENTIFYING SYSTEM.
- PROVIDE GREEN GROUND CONDUCTOR IN ALL CIRCUITS SIZE PER N.E.C. IF REUSING EXISTING CIRCUITS, CONFIRM PRESENCE OF GROUND CONDUCTOR, IF
- ALL ELECTRICAL WORK SHALL BE PERMITTED AND WARRANTED FOR 12 MONTHS AFTER OCCUPANCY
- THE ELECTRICAL CONTRACTOR SHALL OBTAIN AND REVIEW THE MECHANICAL AND SPECIAL EQUIPMENT SUBMITTALS PRIOR TO SUBMITTING THE ELECTRICAL SUBMITTALS. ANY ELECTRICAL EQUIPMENT, CONDUIT, AND WIRE SIZE CHANGES RESULTING FROM THIS REVIEW SHALL ALSO BE SUBMITTED FOR APPROVAL. ALL WORK SHALL COMPLY WITH 2020 FLORIDA BUILDING CODE

- JUNCTION BOXES SHALL BE SIZED PER NEC 314.16
- SWITCH BANKS IN ROOMS ARE INTENEDED TO HAVE ONE SWITCH CONTROL. THE LIGHTS, AND ANOTHER SWITCH TO CONTROL THE FAN. FIXTURES CONTROLLED BY SWITCHBANKS FED FROM SAME CIRCUIT

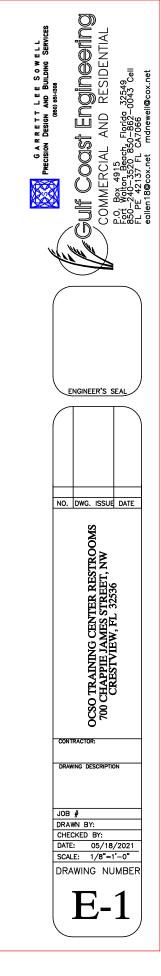
## ELECTRICAL LEGEND

- TWIN HEAD EMERGENCY BATTERY UNIT, WALL MOUNTED
- CH EXIT SIGN; BACK MOUNTED
- JUNCTION BOX; MOUNTED ABOVE CEILING
- **QH** JUNCTION BOX; MOUNTED FLUSH IN WALL WITH BLANK COVER
- DUPLEX RECEPTACLE; 125V; 20a; NEMA 5-20 IS NOMENCLATURE FOR A 3-PRONGED 120V OUTLET, MT 18" AFF TO C/L UNLESS NOTED OTHERWISE; NEMA 5-20R; HUBBELL SERIES HBL5352 & COVERPLATE
- ₱ DUPLEX RECEPTACLE: 125V: 20a: NEMA 5-20 IS NOMENCLATURE FOR A 3-PRONGED 120V OUTLET: MT 50" AFF TO C/L UNLESS NOTED OTHERWISE: NEMA 5-20R: HUBBELL SERIES HBL5352 & COVERPLATE
- DUPLEX RECEPTACLE; 125V; 20A; NEMA 5-20 IS NOMENCLATURE FOR A 3-PRONGED 120V OUTLET; MT 72" AFF TO C/L UNLESS NOTED OTHERWISE; NEMA 5-20R; HUBBELL SERIES HBL5352 & COVERPLATE
- 125V; 20A; MT 18" AFF TO C/L UNLESS NOTED OTHERWISE; NEMA 5-20R; TWO HUBBELL SERIES HBL5352 & COVERPLATE
- DRYER OUTLET
- EXHAUST FAN
- WALL SWITCH; 120/277V; 20A; 1 POLE; HUBBELL SERIES HBL 1221 OR LOW VOLTAGE SWITCH(ES) AS NOTED.
- PANEL: 120/240V: MT 72" AFF TO TOP
- FUSED DISCONNECT SWITCH; AMP SIZE AS NOTED; FUSE SIZE PER EQUIPMENT NAMEPLATE DATA
- FLEXIBLE CONDUIT CONNECTION
- WEATHRPROOF
- WP WEATHRPROOF
  SWITCH LEG INDICATES FIXTURES TO BE CONTROLLED BY CORRESPONDING SWITCH WITHIN SPACE

NEW	EL "A"	-						Wire: Mounting: <u>SURFAC</u> AIC Rating: <u>10,000 MINIMUM</u>			
r Anl	_L A	Mains: NEMA Rating: _1 Options: <u>BOLT-ON</u>									
CKT NO.	SERVING	CONN	CKT TRIP	BKR POLE	CKT POLE		CONN	SERVING	CK.		
1 <del>*</del> 3		LOAD	HMF	FOLL	FOLL	IIMF	LOAD		*2		
5									6		
9									10		
11 13									12		
15 17									16		
19 21									20		
23 25									24 26		
27 29									28 30		
CONNECTED LO					-	* INDIC VERI	CATES H FY HVA	IACR TYPE BREAKER. C LOADS AND BREAKER SIZES PRIOR TO INS	STALL		



**ELECTRICAL PLAN: NTS** 



## GENERAL NOTES & SPECIFICATIONS

#### 1. DESIGN CRITERIA

A. CODES

FLORIDA BUILDING CODE, 2020 COMMERCIAL

AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (TIMBER CONSTRUCTION MANUAL, LATEST EDITION) BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (A.C.I. 318).

BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES (A.C.I.531) AMERICAN INSTITUTE OF STEEL CONSTRUCTION, LATEST EDITION.

B. DESIGN LIVE LOADS:

LATERAL WIND FORCES 150 MPH ASCE 7-16 EXPOSURE B" 1st STORY DESIGN WIND PRESSURE: 41 PSF, -41 PSF

DESIGNED FOR: ENCLOSED STRUCTURE STRUCTURAL CATEGORY: II IMPORTANCE FACTOR: 1.0 INTERNAL PRESSURE COEFFICIENT +1.0 ,-1.0 COMPONENTS & CLADDING SHALL BE DESIGNED AND INSTALLED (BY OTHERS) TO COMPLY WITH THE FLORIDA BLDG CODE, 2020 COMMERCIAL SHUTTERS OR IMPACT RESISTANT GLAZING ARE REQUIRED. SHUTTERS OR IMPACT RESISTANT GLAZING MUST HAVE FLORIDA PRODUCT APPROVAL NUMBERS

Wind Pressure on Co All pressures shown Description	are base		TH Desi	gn, with a	Load Facto Min P psf	r of 1
Roof Infill	42.00	13.68 100.0	1	17.64	-35.93	
Roof Edges	42.00	35.00 100.0	2	17.64	-50.58	
Roof Corners	3.50	3.50 12.3	3	24.43	-100.53	
Wall Infill	40.00	32.67 500.0	4	32.29	-35.93	
Wall Corners	3.50	32.67 355.8	5	33.91	-39.20	

#### 2. CONCRETE SPECIFICATIONS

- A. ALL DETAILS SHOWN ARE TYPICAL. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS.
- B. CONCRETE OPERATIONS SHALL COMPLY WITH A.C.I. STANDARDS
- C. CONCRETE COMPRESSIVE STRENGTH: 2500 PSI MINIMUM AT 28 DAYS.
- D. REINFORCING BARS: ASTM A615 GRADE 60
- F. REINFORCING BARS PLACING ACCESSORIES: IN ACCORDANCE WITH CRSI SPECIFICATIONS.
- G. MINIMUM CONCRETE COVERAGE OF REINFORCEMENT:: FOOTINGS: 3" BOTTOM AND 2" SIDES.
- EARTH SUPPORTED SLAB: 4 INCHES THICK REINFORCED WITH 6 x 6 x W1.4 x W1.4 W.W.F.
  THE SLAB SHALL BE PLACED OVER POLYETHYLENE VAPOR BARRIER OF NOT LESS THAT
  .006 INCH NOMINAL THICKNESS. IN LIEU OF WELDED WIRE FABRIC, CONCRETE SLAB CAN BE
  TREATED WITH SYNTHETIC REINFORCING FIBERS AS MANUFACTURED BY FIBERMESH COMPANY
  AND IN ACCORDANCE WITH ASTIM STANDARD SPECIFICATION FOR FIBER REINFORCED CONCRETE
  AND SHOTCRETE C1116. THE DOSAGE SHALL BE ONE AND ONE HALF (11/2) POUNDS
  FIBERS PER CUBIC YARD OF CONCRETE.
- ANCHOR BOLTS IN CMU BLOCKS SHALL CONFORM TO ASTM A36 AND SHALL BE 1/2" DIAMETER WITH 7" MIN. DEPTH IN CONCRETE.
- J. DETAIL REINFORCING IN ACCORDANCE WITH A.C.I. 315. REINFORCING SHALL NOT BE WELDED, EXCEPT AS SHOWN WHERE ASTM A708 BARS ARE USED.

#### 3. MASONRY SPECIFICATIONS

- A. HOLLOW CONCRETE BLOCK (MASONRY) UNITS SHALL CONFORM TO ASTM C90, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI ON THE NET AREA AND 1,000 PSI ON THE GROSS AREA (f'm = 1,500 PSI)
- B. ALL MORTAR FOR MASONRY SHALL CONFORM TO ASTM C270, TYPE "M" OR "S".
  ALL GROUT FOR USE IN MASONRY SHALL CONFORM TO ASTM C476, MINIMUM 2,500 PSI
  AT 28 DAYS.
  C. CONTINUOUS BARS SHALL HAVE BASIC CLASS "C" TENSION LAPS WITH CORNER BARS
  AT ALL CORNERS AND END WALL INTERSECTIONS.
- D. ALL VERTICAL REINFORCEMENT IN MASONRY SHALL HAVE CLASS "C" TENSION LAPS.
- E. REINFORCING IN MASONRY WALL FOOTINGS SHALL BE CONTINUOUS.

### 4. TIMBER SPECIFICATIONS

A. STRUCTURAL TIMBER SHALL BE #2 SOUTHERN YELLOW PINE (M.C.-19%), OR LODGE POLE OR EQUAL UNLESS OTHERWISE NOTED ON DRAWINGS, WITH ALLOWABLE STRESSES AS FOLLOWS:

1,050 PSI 70 PSI 700 PSI LODGE POLE 1,200,000 PSI BENDING STRESS SHEAR STRESS COMPRESSION STRESS PARALLEL TO GRAIN MODULUS OF ELASTICITY

B. STRUCTURAL GLUE LAMINATED TIMBER SHALL BE VISUALLY GRADED SOUTHERN PINE WITH THE FOLLOWING MINIMUM ALLOWABLE STRESSES:

2,400 PSI 200 PSI 1,800,000 PSI

C. STRUCTURAL PARALLAM BEAMS ALL SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE STRESSES:

BENDING STRESS SHEAR STRESS MODULUS OF ELASTICITY 2,900 PSI 290 PSI 2,000,000 PSI

- D PLYWOOD SHEATHING:
- EACH CONSTRUCTION AND INDUSTRIAL PANEL SHALL BE IDENTIFIED WITH THE APPOPRIATE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION, AND SHALL MEET THE REQUIREMENTS OF THE LARGEST EDITION OF U.S. PRODUCT STANDARDS PS 1 OR PRP—180 PERFORMANCE STANDARDS. ALL PANELS WHICH HAVE ANY EDGE OR SURFACE PERMANENTLY EXPOSED TO WEATHER SHALL BE CLASSIFIED EXTERIOR.

  11. PANEL ROOF, WALL AND FLOOR SHEATHING SHALL BE 1/2" THICK APA STRUCTURAL 1 RATED SHEATHING EXP 2 (UNLESS OTHERWISE NOTED ON PLANS). SHEATHING PERMANENTLY EXPOSED TO WEATHER SHALL BE CLASSIFIED EXTERIOR.
- 111. NAIL PANELS WITH 8D COMMON NAILS AT 3" O.C. ALONG SUPPORTED PANEL EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS, OR AS INDICATED ON PLANS.
- E. ALL BEARING STUD WALLS SHALL HAVE SOLID BLOCKING AT MID-HEIGHT OR AS OTHERWISE NOTED ON BUILDING SECTIONS.
- F. PREFABRICATED WOOD STRUCTURAL MEMBERS, INCLUDING TRUSSES SHALL BE DESIGNED AND SEALLY BY THIS PROFILE FOR THE TRUSPESS HALL BE DESIGNED AND SEALLY BY THIS PROFILE FOR THE WIND LOAD IAW ASCE 7–16 LATERAL LOAD, REVIEW ALL DRAWINGS INCLUDING MECHANICAL ELECTRICAL PLUMBING ETC. TO ASCERTAIN LOADS FOR DUE OUIPMENT OPENINGS FOR DUCTS ETC. AND PROVIDE MODIFICATION TO TRUSSES IF REQUIRED TO SUPPORT SAME

- H. TRUSS LAYOUT AS SHOWN ON PLANS IS SCHEMATIC AND MAY BE MODIFIED WITH APPROVAL OF THE ENGINEER
- ALTHOUGH WEB LAYOUT MAY BE SHOWN ON PLANS, IT IS THE RESPONSIBILITY OF THE TRUSS DESIGNER TO ACCEPT. APPROVE, OR MODIFY, AS REQUIRED FOR THE DESIGN PURPOSE.
- J. WOOD-TO-WOOD FRAMED CONNECTIONS ARE TO BE MADE WITH BOLTS AND/OR JOIST HANGERS AS SHOWN. TOE-NAILING IS NOT PERMITTED.
- K. MAXIMUM SPANS OF DIMENSIONAL LUMBER USED FOR JACK RAFTERS AT HIPPED ROOF SECTIONS SHALL BE IN ACCORDANCE WITH "SPAN TABLES FOR JOISTS AND RAFTERS" AS PUBLISHED BY THE NATIONAL WOOD PRODUCTS ASSOCIATION.
- L. HIP RAFTERS SHALL BE 2 INCHES DEEPER THAN JACK RAFTERS.
- M. ALL TRUSSES AND RAFTERS SHALL BE STRAPPED OR HURRICANE CLIPPED TO SUPPORTING MEMBERS AT ALL BEARING POINTS.
- 4. TIMBER SPECIFICATIONS (CONTINUED)
  - TRUSS/RAFTER TO TOP PLATE WITH SIMPSON HURRICANE CLIPS (OR EQUAL) AS CONTRACTOR TO SUBMIT SHOP DRAWINGS OF TRUSSES TO ENGINEER TO VERIFY/MODIFY
  - O. ALL EXTERIOR WALL FRAMING SHALL BE 2"x4" OR 2"x6" at 16" O.C., UNLESS NOTED OTHERWISE. 7/16" OSB SHEATHING OR 1/2" CDX PLYWOOD PANELS SHOULD EXTEND TO THE TOP PLATE AND BOTTOM OF EXTERIOR GIRDERS OR SILL PLATE. NAIL PLYWOOD AT AT 4" O.C. AT ALL EDGES and 6" O.C. AT INTERMEDIATE SUPPORTS OR AS INDICATED PER PLAN.
  - P. USE SIMPSON ST18 (OR EQUAL) RIDGE/RAFTER CONNECTORS OR SIMPSON RR STRAPS AT ALL RAFTERS/RIDGE BEAMS OR AS INDICATED PER PLAN.
  - Q. USE SIMPSON SP1 & SP2 (OR EQUAL) TO SECURE STUDS TO BOTTOM AND TOP PLATES, OR AS INDICATED ON PLAN.
  - R. USE TWO (2) SIMPSON LSTA21 (OR EQUAL) TO SECURE EACH BEAM HEADER BEARING END TO EACH SUPPORT, OR AS INDICATED PER PLAN.
  - S. USE SIMPSON LSTA21 STRAP TIES (OR EQUAL) OR SIMPSON SP4 (OR EQUAL) AT TOP OF EACH EXTERIOR WINDOW AND DOOR FRAME OPENING, OR AS INDICATED PER PLANS.
  - T. CUTTING, NOTCHING BORED HOLES IN STUD WALLS, RAFTERS, ETC., SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2020 COMMERCIAL
  - U. RIDGE BOARDS WHERE INDICIATED ON FRAMING PLANS SHALL NOT BE LESS THAN 1" IN THICKNESS, AND NOT LESS IN DEPTH THAN CUT END RAFTERS. RAFTERS SHALL BE PLACED DIRECTLY OPPOSITE EACH OTHER AND NAILED TO RIDGE BOARD.
- V. ALL WOOD BUILT-UP GIRDERS, BEAMS, STUDS TO SOLE PLATES, ETC. TO BE CONNECTED AS PER FLORIDA BUILDING CODE 2020 COMMERCIAL.
  - OF THE HEADER SUPPORTED AS FOLLOWS (UNLESS OTHERWISE NOTED):

STUD OR MAY BE SUPPORTED BY FRAMING ANCHORS ATTACHED TO WALL STUD.

FOR OPENINGS MORE THAN 6'-0" AND LESS THAN 12' IN WIDTH, EACH END SHALL BEAR ON A

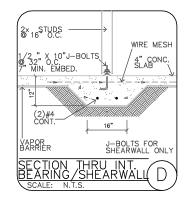
HEADER STUDS.

WIDTH AND LOADS, UNDER FOUNDATION

ACCEPTABLE ENGINEERING DESIGNS.

#### FRAMING NOTES: THESE NOTES SHALL SUPERSEDE ALL OTHERS

- 1. ROOF SHEATHING: 5/8" CDX NAIL 8d RING SHANK FULL HEAD- 3" PERIM./4" FIELD.
- 3. WALL FRAMING: 2x6 or 2x4 @ 16" O.C. LODGE POLE MAY BE USED FOR STUD FRAMING. SYP SHALL BE USED FOR TOP AND BOTTOM PLATES.
- SECURE ROOF RAFTERS TO TOP PLATE WITH SIMPSON H14 MST12/16 CLIPS OF EQUAL OR GREATER UPLIFT CAPACITY MAY BE SUBSTITUTED. SECURE RIDGE BEAM TO EACH RAFTER WITH SIMPSON ST22 - 16 GA.
- 5. STRAP TIES: SIMPSON SP1 AND SP2 OR SIMPSON LSTA21 20 GA. (16) 10d COMMON. TIE SPACING: 32" O.C.
- CONNECTORS MAY BE USED IN LIEU OF SIMPSON
- IF USED, RUN 5/8" ALL THREAD RODS ON 64" CENTERS. PLACE ALL THREAD RODS ON EACH SIDE OF BEARING OPENINGS GREATER THAN 4'-0". IF USED DELETE #6 ABOVE.
- 8. ALL COLUMN TO BEAM CONNECTIONS SHALL BE SIMPSON AC OR CC/ECC STRAPPED CONNECTIONS ARE NOT ALLOWED.
- WINDSTORM PANELS MY BE USED FOR WALL SHEATHING. IF USED THE PANEL MUST GO FROM PLATE TO PLATE AND COVER THE ENTIRE PLATEM. IF USED DELETE #6 ABOVE.

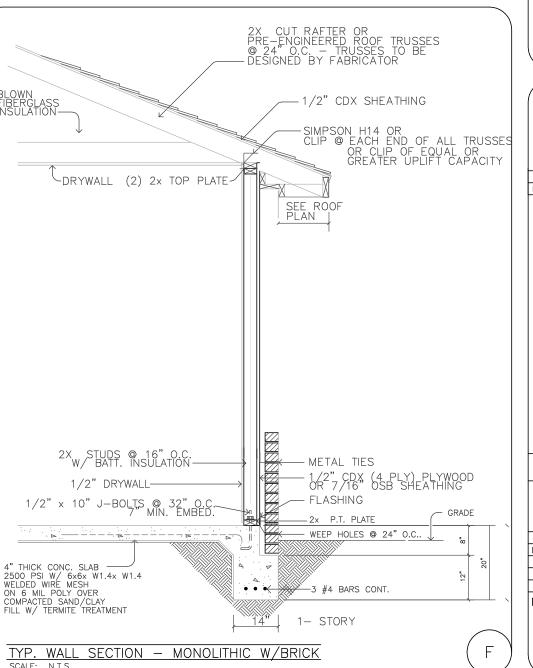


WHERE THE BUILDING OFFICIAL REQUIRES FINAL CERTIFICATION OF COMPLETION FROM THE ENGINEER, THE FOLLOWING APPLIES:

- 3 INSPECTIONS ARE REQUIRED, FOUNDATION/FLOOR FRAMING, NAIL-OFF, AND DRY-IN FRAMING. DRY-IN INSPECTION SHALL OCCUR BEFORE INSULATING & SHEET ROCK INSTALLATION.
- 48 HOURS NOTICE, IN WRITING/VIA FAX OR E-MAIL, SHALL BE GIVEN TO THE ENGINEER.
- THESE INSPECTIONS SHALL BE BILLED AT \$275.00 EACH.

ELLIOTT W. ALLEN, P.E. Florida Registration Number 42137 Florida CA Number 7066

MICHAEL D. NEWELL, P.E. Florida Registration Number 41126 Florida CA Number 7066 Engineering and commercial Julf Coast



COMMEF P.O. Box 4 Fort Walton 850–240–3 FL PE 421

ENGINEER'S SEA

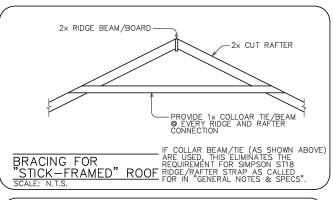
NO. DWG. ISSUE DATE

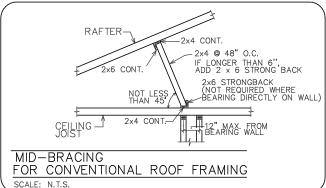
OCSO TRAINING CENTER RESTROOMS 700 CHAPPIE JAMES STREET, NW CRESTVIEW, FL 32536

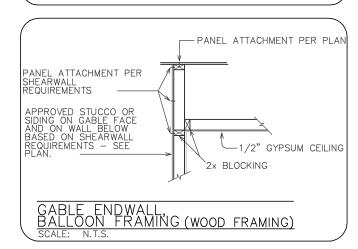
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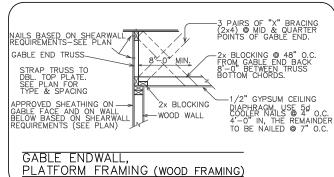
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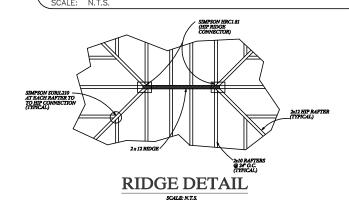
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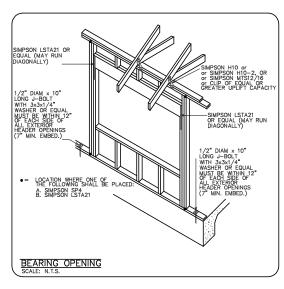


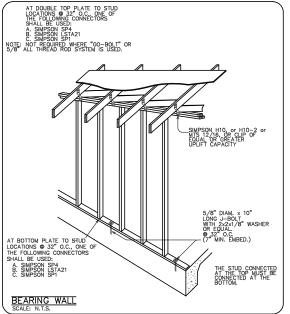


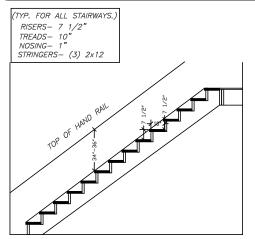


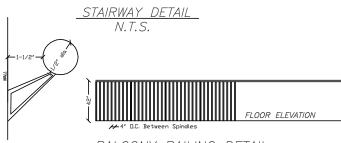






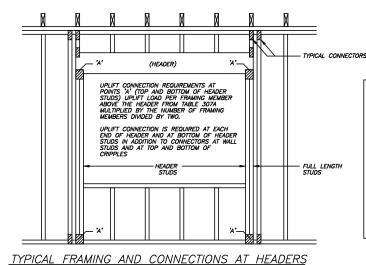






SIMPSON HD2A HOLDOWN AS SHOWN OR 5/8" ALL—THREAD. ONLY ONE REQUIRED. GO-BOLTS MAY BE SUBSTITUTED
THE HORIZONTAL SPACING FOR GO-BOLTS IS
64\* O.C. TYPICAL
1-AT EITHER END OF HEADERS 6"-0"
OR GREATER IN LEWIGHL LISE STRAPPING AND
CONNECTORS AT HEADERS GREATER THAN 6"-0".

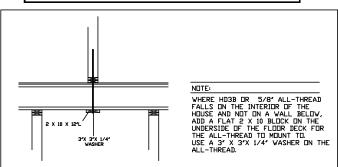
SIMPSON HOLDOWNS (OR EQUAL)



		MAXIMUM HEADER SPAN (FEET)							
		3'	6'	9'	12'	15'	18'		
		NUMBER OF HEADER STUDS SUPPORTING END OF HEADER							
		1	1	2	2	2	2		
UNSUPPORTED WALL HG'T	STUD SPACING	NUMBER OF FULL—LENGTH STUDS AT END OF HEADER							
10'	12"	1	2	2	2	2	2		
OR LESS	16"	2	2	3	3	3	3		
	24"	2	2	3	3	3	3		
GREATER	12"	1	2	2	2	3	3		
THAN 10'	16"	2	2	3	3	4	4		
	24"	2	2	3	4	5	5		
		WALL FRANKS COUFFINE							

WALL FRAMING SCHEDULE						
VERTICAL WALL HEIGHT	SIZE	PLATE MAT'L	TOP PLATE NAILING			
8' TO 9'	2X4 @ 16" O.C.	S.Y.P.	16" O.C.			
10' TO 11'	2X6 @ 16" O.C.	S.Y.P.	12" O.C.			
12' TO 14'	2X6 <b>©</b> 12" O.C.	S.Y.P.	9" O.C.			

MINIMUM WALL AND HEADER STUD REQUIREMENTS



WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THIS PLAN TO AVOID MISTAKES, THE AUTHOR CANNOT DETAILS FOR ACCURACY BEFORE AND DURING CONSTRUCTION AND BE

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GAURANTEE AGAINST HUMAN ERROR. THE CONTRACTOR ON THE JOB SITE MUST CHECK ALL DIMENSIONS AND OTHER RESPONSIBLE FOR SAME.

DRAWING NO.

DRAWING DESCRIPTION

JOB #

DRAWN BY: CHECKED BY: EWA/MDN DATE: 10/12/2022 SCALE: NONE

Julf Coast Engineering Commercial and commercial

NO. Dwg. Issue Date

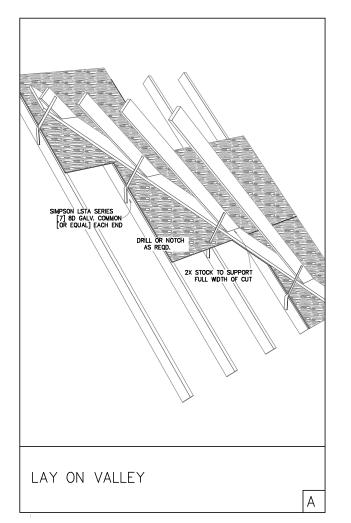
OCSO TRAINING CENTER RESTROOMS 700 CHAPPIE JAMES STREET, NW CRESTVIEW, FL 32536

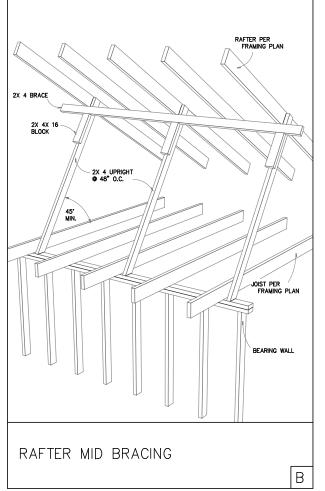
COMMERCIAL AND COMME P.O. Box 4915 Fort Watton Beach, Florida 32549 850-240-3520 850-862-0043 Cell FL PE 42137 FL CA7066 collen18©cox.net mdnewell©cox.net

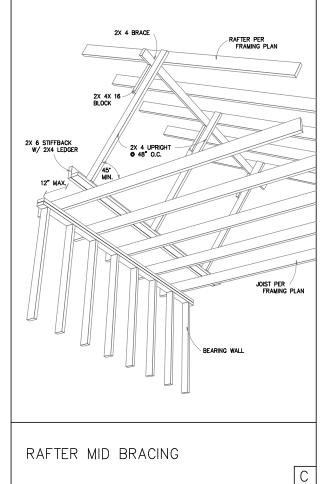
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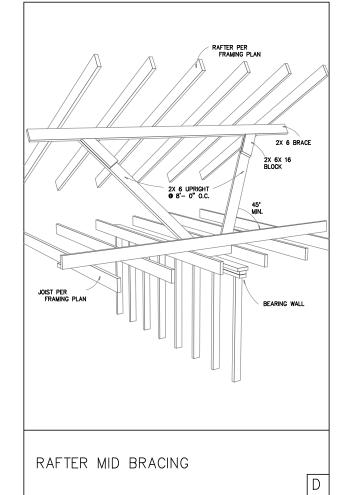
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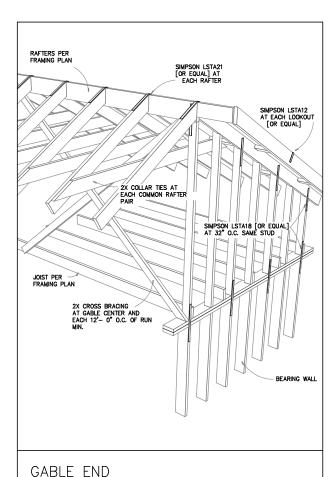
BALCONY RAILING DETAIL



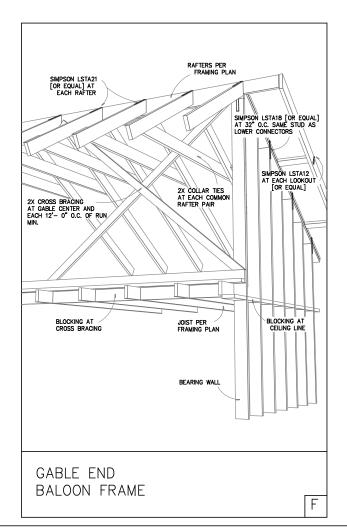








PLATFORM FRAME

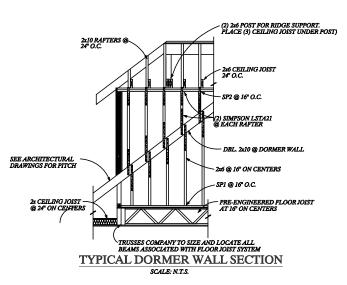




12-16d Nails Each Side & Glued 1/2" CDX Each Side. CDX Shall Be Width of Rafter

## RAFTER SPLICE DETAIL

- 1. Where a rafter tail splice occurs the splice shall be twice the length of the rafter tail. The nailing pattern shall be 12-12d nails spaced
- 2. This will allow the hurrican clip to be applied to the rafter tail.



Floor System Girder Attachments Shall Be Simpson

## SHEARWALL NOTES ON JOISTS

- Place 1/2" CDX each side of wall. Nail at 3/6 with 8d common nails.
- Place double joist under each shear wall.
- Tie each stud to joists below with
- Simpson LSTA36. Place a Simpson Drag Strut Connector at all header to shear wall connections.

## SHEARWALL NOTES ON CONCRETE

- Place 1/2" CDX each side of wall.
  Nail at 3/6 with 8d common nails.
  Place 1/2" Anchor bolts in shear wall @ 48" O.C.
  Place a HD3B OR 5/8"all thread rod at each end of each wall
- Place a Simpson Drag Strut Connectorat all header to shear wall connections.

### FLOOR TRUSS NOTES:

- Live Load = 50 psf Defl/max = Length/480 Interior Wall Load = 750 plf

All truss drawings, including floor and roof truss systems, are part of these drawings and must be submitted with these drawings for permit. Truss drawings must be submitted to the engineer of record for review to verify loads on foundation. Do not place concrete until loads are verified.

1000# PER SQ. FT. TILE ROOF 5/8" SHEATHING ,TRUSSES @ 16" O.C.

## TRUSS ENGINEER:

ALLOW FOR A 2000# POINT LOAD ON FRONT BALCONY COLUMNS

ENGINEER'S SEAL NO. DWG. ISSUE DATE

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JOB #:

DRAWN BY: CHECKED BY: EA & MN DATE: 10/12/2022

SCALE: NONE