

THESE PLANS ARE CERTIFIED AND DESIGNED FOR THIS STRUCTURE LOCATED AT THIS ADDRESS/LOT LOCATION ONLY. TO USE THESE PLANS TO BUILD IN OTHER LOCATIONS AND AVOID ANY COPYRIGHT OR LICENSE INFRINGEMENT, IT IS NECESSARY TO CONTACT MARTIN ENGINEERING, LLC. TO RECEIVE A SITE SPECIFIC DESIGN AND RELEASE FOR ANY EXTENDED USAGE.



CONSTRUCTION PLANS
FOR
NEW SINGLE FAMILY
AT
PARCEL ID: 2848-001-004
OCALA, FL 34471

GENERAL NOTES:

- IT IS THE INTENT THAT THIS WORK BE IN CONFORMANCE WITH THE **2020 FLORIDA BUILDING CODE, 7TH ED. RESIDENTIAL** AND ALL AUTHORITIES HAVING JURISDICTION OVER THIS TYPE OF CONSTRUCTION AND OCCUPANCY. CONTRACTOR SHALL DO THEIR WORK IN CONFORMANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOBSITE PRIOR TO COMMENCING WORK. CONTRACTOR SHALL REPORT ALL DISCREPANCIES THE DRAWINGS AND EXISTING CONDITION TO THE ENGINEER PRIOR TO COMMENCING WORK.
- THESE DOCUMENTS, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY OF THE ENGINEER AND MAY NOT BE USED OR REPRODUCED WITHOUT EXPRESSED WRITTEN CONSENT OF THE ENGINEER.
- ALL DETAILS AND SECTIONS SHOWN ON THESE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE IN THE WORK, EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
- CONTRACTOR WILL INCORPORATE ALL NECESSARY LOCAL/STATE/FEDERAL BUILDING, FIRE, AND HANDICAP CODES INTO THE DESIGN AND BASE PROPOSAL FOR A COMPLETE TURN-KEY PROJECT.
- PROJECT SHALL BE TURNED OVER TO OWNER IN A CLEAN CONDITION WITH ALL TRASH AND DEBRIS REMOVED FROM SITE. ALL WINDOWS AND GLASS CLEAN, ALL FLOORS CLEAN, ALL HORIZONTAL SURFACES DUSTED AND CLEANED, AND ALL PLUMBING AND TOILET FIXTURES CLEAN AND IN GOOD WORKING ORDER. CONTRACTOR SHALL HAUL ALL RUBBISH FROM SITE ON A REGULAR BASIS. DO NOT ALLOW TO ACCUMULATE.
- CONTRACTOR TO OBTAIN ALL PERMITS, PAY ALL FEES AND TAXES. CONTRACTOR SHALL GUARANTEE ALL MATERIALS & WORKMANSHIP FREE FROM DEFECTS. FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM THE DATE OF ACCEPTANCE. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE ION AND SHALL INCLUDE INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THEREBY.
- DIMENSIONS INDICATED ON THE DRAWINGS IN REFERENCE TO EXISTING CONDITIONS ARE THE BEST AVAILABLE DATE OBTAINABLE, BUT ARE NOT GUARANTEED. BEFORE PROCEEDING WITH ANY WORK DEPENDENT ON THE DATA INVOLVED, THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL DIMENSIONS, GRADES, LINES, LEVELS, OR OTHER CONDITIONS OF LIMITATIONS AT THE SITE TO AVOID CONSTRUCTION ERRORS. IF ANY WORK IS PERFORMED BY THE CONTRACTOR OR ANY OF HIS SUBCONTRACTORS PRIOR TO ADEQUATE VERIFICATION OF APPLICABLE DATA, AT RESULTANT EXTRA COST FOR ADJUSTMENT OR WORK AS REQUIRED TO CONFORM TO EXISTING LIMITATIONS, SHALL BE ASSUMED BY THE CONTRACTOR WITHOUT REIMBURSEMENT OR COMPENSATION BY THE OWNER.
- A DESIGNATED LOCATION FOR STORAGE OF CONSTRUCTION MATERIAL AND EQUIPMENT SHALL BE DETERMINED BY THE OWNER AND IDENTIFIED AT THE PRE-CONSTRUCTION MEETING.
- CONTRACTOR PERSONNEL ARE CONFINED TO AREAS OF BUILDING NECESSARY FOR COMPLETION OF WORK. FREE ACCESS TO ALL PARTS OF THE BUILDING IS NOT ALLOWED.
- CONTRACTOR IS RESPONSIBLE FOR SCHEDULING DELIVERY, RECEIVING, UNLOADING, UNGRATING, SORTING, SETTING IN PLACE, AND PROTECTING FROM DAMAGE ALL NEW EQUIPMENT FURNISHED BY THE CONTRACTOR. THIS SHALL ALSO APPLY TO ITEMS FURNISHED BY THE OWNER TO THE CONTRACTOR.
- TERMITE PROTECTION SHALL BE PROVIDED BY REGISTERED TERMITICIDES, INCLUDING SOIL APPLIED PESTICIDES, BAITING SYSTEMS, AND PESTICIDES APPLIED TO WOOD, OR OTHER APPROVED METHODS OF TERMITE PROTECTION LABELED FOR USE AS A PREVENTATIVE TREATMENT TO NEW CONSTRUCTION. UPON COMPLETION OF THE APPLICATION OF THE TERMITE PROTECTIVE TREATMENT, A CERTIFICATE OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY THE LICENSED PEST CONTROL COMPANY THAT CONTAINS THE FOLLOWING STATEMENT: THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS ESTABLISHED BY FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.
- TERMITE PROTECTION TO BE DONE AFTER ALL EXCAVATION, BACKFILLING AND COMPACTION IS COMPLETE. ANY DISTURBED SOIL TREATMENT MUST BE RETREATED.
- TREATMENT SHALL BE PROTECTED FROM RAINFALL BY 6 MIL VAPOR BARRIER. IF RAINFALL OCCURS BEFORE BARRIER PLACEMENT, SOIL MUST BE RETREATED.
- PROTECTIVE SLEEVES AROUND METALLIC PIPING PENETRATING CONCRETE SLAB-ON-GRADE FLOORS SHALL BE NON-CELLULOSE CONTAINING MATERIALS AND RECEIVE AN APPLICATION OF TERMITICIDE IN ANNULAR SPACE BETWEEN SLEEVE AND PIPE.

ELECTRICAL NOTES:

- ALL ELECTRICAL WIRING TO BE IN ACCORDANCE WITH 2020 FLORIDA BUILDING CODE, 7TH EDITION, RESIDENTIAL AND 2018 NATIONAL ELECTRIC CODE (NEC).
- ALL SMOKE DETECTORS AND CARBON MONOXIDE DETECTORS SHALL BE IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE, 7TH EDITION.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ARC-FAULT CIRCUIT INTERRUPTERS IN LIVING, DINING, HALLWAYS, AND BEDROOMS PER 2020 FBC R3902.12
- ALL OUTDOOR RECEPTACLES SHALL BE PROTECTED FROM MOISTURE PER 2017 FBC R3905.11
- ALL PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL COMPLY WITH THE MINIMUM REQUIREMENTS PER FBC-ENERGY CONSERVATION R404.
- ELEVATORS SHALL BE IN ACCORDANCE WITH FBC 2020, 7TH ED, SECTION R321.1

MECHANICAL NOTES:

- ALL DUCT SIZING SHALL BE IN ACCORDANCE W/ ACCA MANUAL "D". PROVIDE DUCT TESTING IN ACCORDANCE W/ ASHRAE STANDARD 152.
- DUCT LAYOUT AND ALL OTHER MECHANICAL COMPONENTS ARE SHOWN ON THE APPROVED DUCT LAYOUT PLAN INCLUDED IN THE ENERGY CALCULATION PACKAGE PERFORMED BY OTHERS.
- ALL DUCTS & AIR HANDLERS NOT LOCATED IN CONDITIONED SPACE SHALL BE TESTED TO BE "SUBSTANTIALLY" LEAK FREE.
- DUCTS IN GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE INSTALLED ACCORDING TO FBC R302.5.2
- ALL INSULATION SPECIFICATIONS ARE INCLUDED IN THE ENERGY CALCULATION PACKAGE PERFORMED BY OTHERS. IF ANY INSTALLED INSULATION MATERIALS DO NOT MATCH THE ENERGY FORMS, NEW CALCULATIONS SHALL BE PERFORMED OR THE ORIGINAL APPROVED INSULATIONS SHALL BE INSTALLED.
- ELEVATORS SHALL BE IN ACCORDANCE WITH THE FBC 2020, 7TH ED., SECTION R321.1

PLUMBING NOTES:

- ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST-CLASS WORKMANLIKE MANNER. THE COMPLETE SYSTEM SHALL BE FULLY OPERATIVE.
- ALL EXCAVATION & BACK FILL AS REQUIRED FOR THIS PHASE OF CONSTRUCTION SHALL BE A PART OF THIS CONTRACT,
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO A VOID INTERFERENCE WITH THE PROCESS OF CONSTRUCTION.
- VERIFY LOCATION, SIZE, TRAPS, INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES. ANY COST RES UL TING FROM DISCREPANCIES NOT REPORTED AT THIS TIME SHALL BE PAID BY THE CONTRACTOR.
- WATER PIPING TO BE TYPE "M" OR TYPE "L" COPPER ABOVE OR BELOW GRADE.
- SOIL, WASTE & VENT PIPING TO BE PVC. #40 DVW.
- ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS
- WHERE DISSIMILAR METALS ARE TO BE JOINED, APPROVED INSULATING UNIONS SHALL BE USED.
- INSULATE HOT WATER LINES WITH 1" THICK SNAP ON INSULATION FIRST 8 FEET FROM WATER HEATER.
- CONDENSATE LINES TO BE COPPER/PVC DEPENDING ON PROJECT REQUIREMENTS.
- INSULATE WITH 1/2" THICK ARMAFLEX INSULATION.

BUILDING STRUCTURE INFORMATION:

CONDITIONED SPACE:
1ST FLOOR.....1,951 S.F.

CONDITIONED VOLUME.....17,559 CU.FT.

TYPE OF CONSTRUCTION.....5B
OCCUPANCY:.....R-3
FIRE SPRINKLERS:.....NO
MAX HEIGHT OF STRUCTURE.....<35'

PLAN SHEETS	
Label	Title
A-000	GENERAL NOTES
SITE	SITE PLAN
A-001	ELEVATIONS
A-002	ELEVATIONS
A-003	FLOOR PLAN
A-004	SECTIONS
A-005	SECTIONS
A-006	ROOF PLAN
E-001	ELECTRICAL LAYOUT
A-007	FLASHING DETAILS
A-008	FLASHING DETAILS

SITE MAP

N.T.S.

REVISION TABLE		
NO.	DESCRIPTION	DATE

MARTIN ENGINEERING, LLC.
22-890-6445 Sandhill Road.3
JACKSONVILLE, FL 32259
904-472-1459
FL CA#32027

GENERAL NOTES
NEW SINGLE FAMILY
PARCEL ID: 2848-001-004
OCALA, FL 34471

PROJ.#: 22-857	CODE: FBCR-2020	SHEET NUMBER
DESIGNED: KCM	SCALE: NOTED	A-000
DRAWN: KCM	DATE: 1/20/2023	

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CONTRACTOR:
HOLECHEK CONTRACTING, LLC.

ZONING INFORMATION:
RLD-90
FRONT B.R.L. - 20'
SIDES B.R.L. - 5'
REAR B.R.L. - 10'
MAX LOT COVERAGE - 45%

PROJECT STATISTICS:
LOT SIZE: 22,618 SQ. FT.
EXIST. SFR AREA: 3,005 SQ. FT.
DRIVEWAY/ WALKWAYS: 1,375 SQ. FT. (+/-)
PAVERS/POOL: 1,300 SQ. FT. (+/-)
NEW DETACHED GARAGE: 288 SQ.F.T.
TOTAL LOT COVERAGE: 5,968 SQ. FT (26.4%)

SCOPE OF WORK:
NEW DETACHED GARAGE STRUCTURE

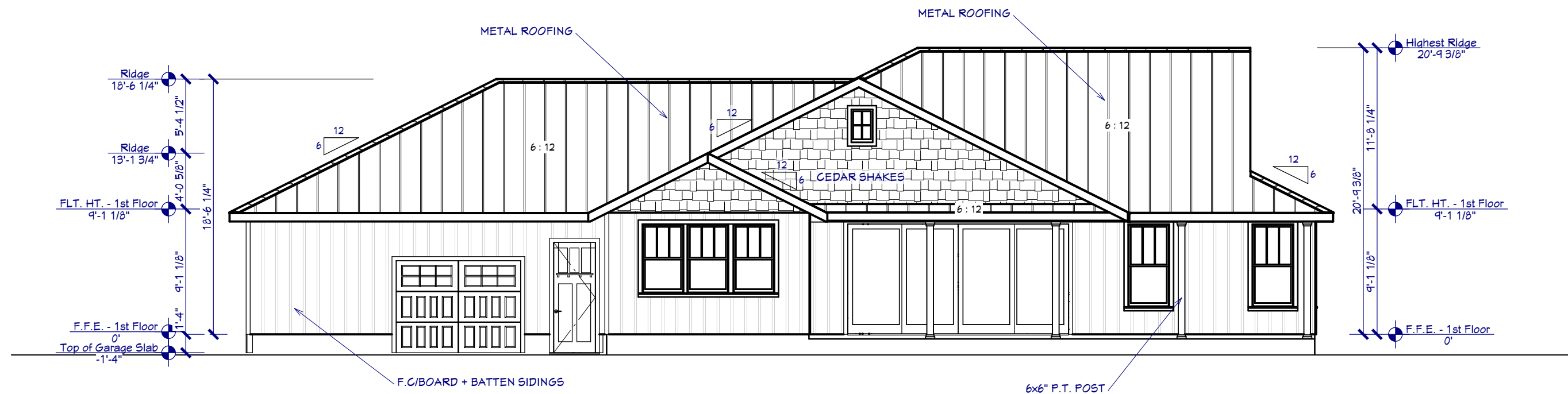
- SITE PLAN NOTES:**
- 1. SITE SURVEY TO BE COMPLETED TO VERIFY PIN LOCATIONS AND HOME LOCATION PRIOR TO PLACEMENT OF ANY CONCRETE FOR FOUNDATIONS..
 - 2. ALL SITE PLAN INFORMATION IS BASED ON SURVEY PROVIDED BY ASSOCIATED SURVEYORS, INC. DATED 9-5-1998
 - 3. CALL BEFORE YOU DIG: DIAL 811 (SUNSHINE LOCATES)

REVISION TABLE		
NO.	DESCRIPTION	DATE

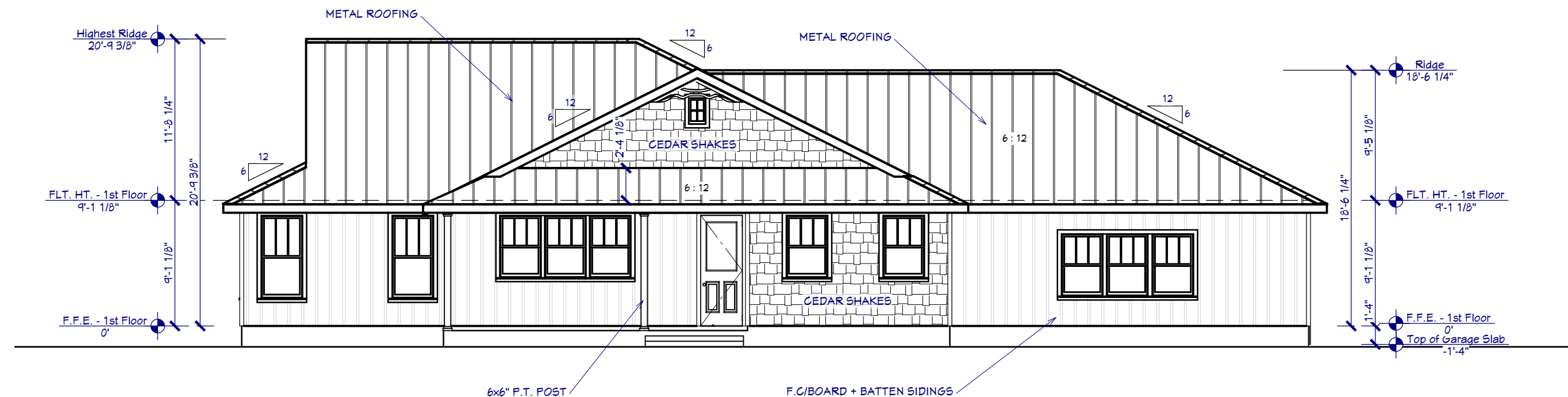
MARTIN ENGINEERING, LLC.
22-890-6445 Sandhill Road.3
JACKSONVILLE, FL 32259
904-472-1459
FL CA#32027

SITE PLAN
NEW SINGLE FAMILY
PARCEL ID: 2848-001-004
OCALA, FL 34471

PROJ.#: 22-857	CODE: FBCR-2020	SHEET NUMBER <div>SITE</div>
DESIGNED: KCM	SCALE: NOTED	
DRAWN: KCM	DATE: 1/20/2023	



1 FRONT ELEVATION
A-001 SCALE: 1/8" = 1'-0"



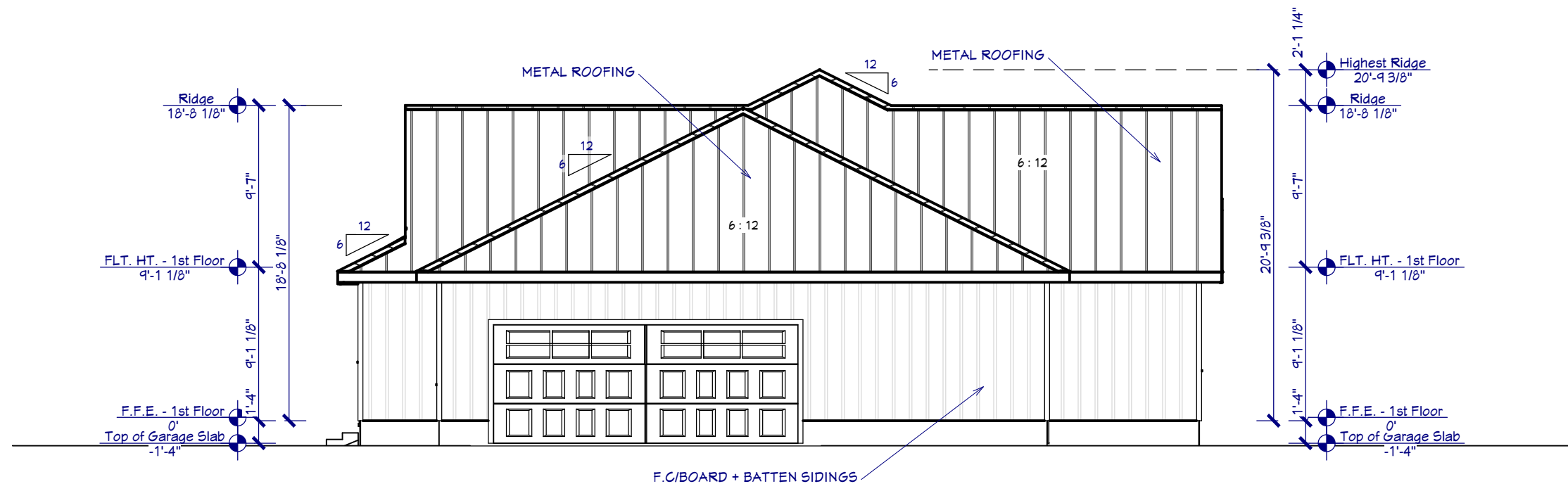
2 REAR ELEVATION
A-001 SCALE: 1/8" = 1'-0"

REVISION TABLE		
NO.	DESCRIPTION	DATE

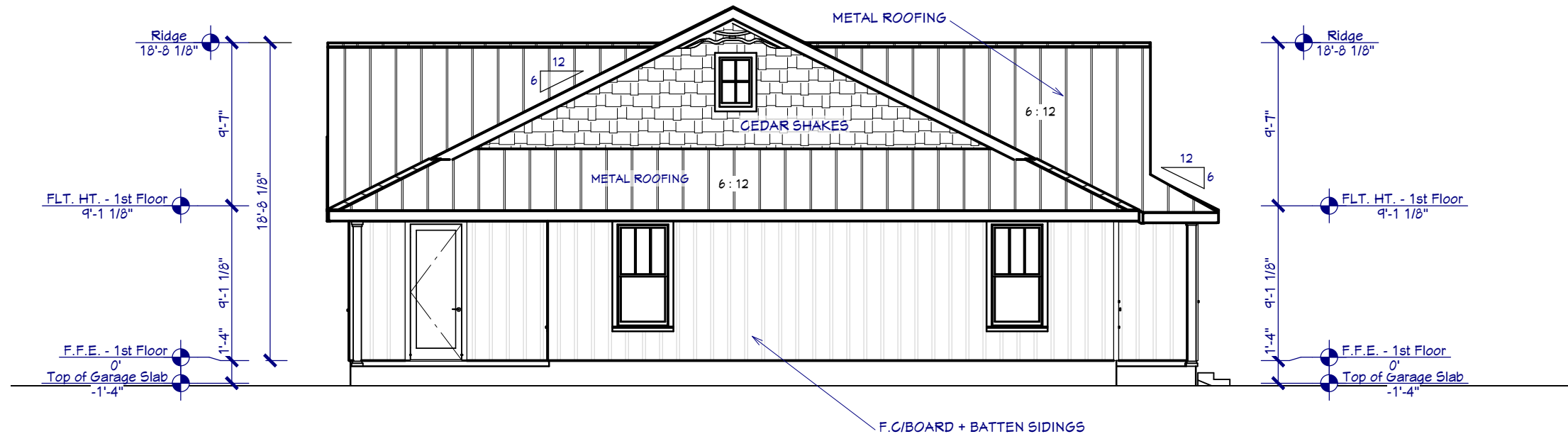
MARTIN ENGINEERING, LLC.
22-890-6445 Sandhill Road.3
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ELEVATIONS
NEW SINGLE FAMILY
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OCALA, FL 34471

PROJ.#: 22-857	CODE: FBCR-2020	SHEET NUMBER
DESIGNED: KCM	SCALE: NOTED	A-001
DRAWN: KCM	DATE: 1/20/2023	



1
A-002
LEFT ELEVATION
SCALE: 1/8" = 1'-0"



2
A-002
RIGHT ELEVATION
SCALE: 1/8" = 1'-0"

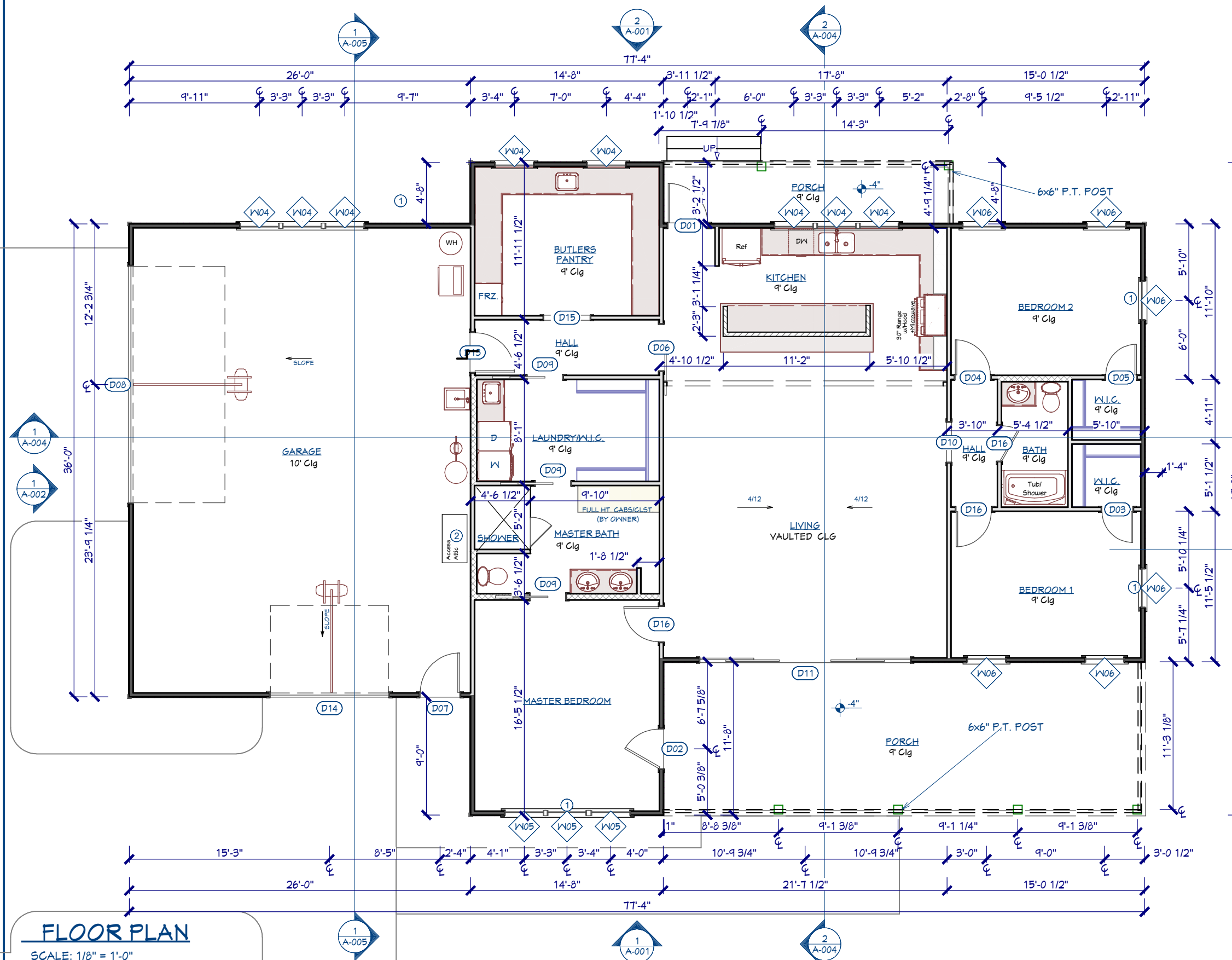
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MARTIN ENGINEERING, LLC.
22-890-6445 Sandhill Road.3
JACKSONVILLE, FL 32259
904-472-1459
FL CA#32027

ELEVATIONS
NEW SINGLE FAMILY
PARCEL ID: 2848-001-004
OCALA, FL 34471

PROJ.#: 22-857	CODE: FBGR-2020
DESIGNED: KCM	SCALE: NOTED
DRAWN: KCM	DATE: 1/20/2023

SHEET NUMBER
A-002



WALL SCHEDULE						
2D SYMBOL	WALL TYPE					
[Symbol]	2X4-SIDING					
[Symbol]	2X4-INTERIOR					
[Symbol]	GLASS SHOWER					
[Symbol]	2X6-INTERIOR					
[Symbol]	2X4-HALF WALL					

NOTE SCHEDULE	
①	R31 0.2.1 -EMERGENCY ESCAPE AND RESCUE OPENINGS (EGRESS)
②	FBC-R807.1 -ATTIC ACCESS TO BE A MIN. 22"X30" IN SIZE IN A HALLWAY OR OTHER READILY ACCESSIBLE LOCATION

DOOR SCHEDULE						
NUMBER	LABEL	QTY	SIZE	WIDTH	HEIGHT	COMMENTS
D01	3080	1	3080 L IN	36"	96"	
D02	3080	1	3080 L EX	36"	96"	
D03	2480	1	2480 L IN	28"	96"	
D04	2880	1	2880 L IN	32"	96"	
D05	2480	1	2480 R IN	28"	96"	
D06	3680	1	3680 L	42"	96"	
D07	3080	1	3080 R EX	36"	96"	
D08	18070	1	18070	216"	84"	
D09	2880	3	2880 L	32"	96"	
D10	3080	1	3080	36"	96"	
D11	16080	1	16080 L/R IN	192"	96"	
D13	3080	1	3080 R IN	36"	96"	
D14	9068	1	9068	108"	80"	
D15	3680	1	3680	42"	96"	
D16	2880	3	2880 R IN	32"	96"	

WINDOW SCHEDULE								
NUMBER	LABEL	QTY	SIZE	WIDTH	HEIGHT	BOTTOM	COMMENTS	AREA, ACTUAL (SQ FT)
W01	1420FX	1	1420FX	16"	24"	35"		2.67
W02	1826FX	1	1826FX	20"	30"	57 7/16"		4.17
W03	2030FX	1	2030FX	24"	36"	29"		6.0
W04	3046DH	8	3046DH	36"	54"	42"		13.5
W05	3050DH	3	3050DH	36"	60"	36"		15.0
W06	3060DH	6	3060DH	36"	72"	24"		18.0
TOTALS:								273.84

SEE FL. PRODUCT APPROVALS AND STRUCTURAL PLANS FOR ALLOWABLE WIND PRESSURE REQ

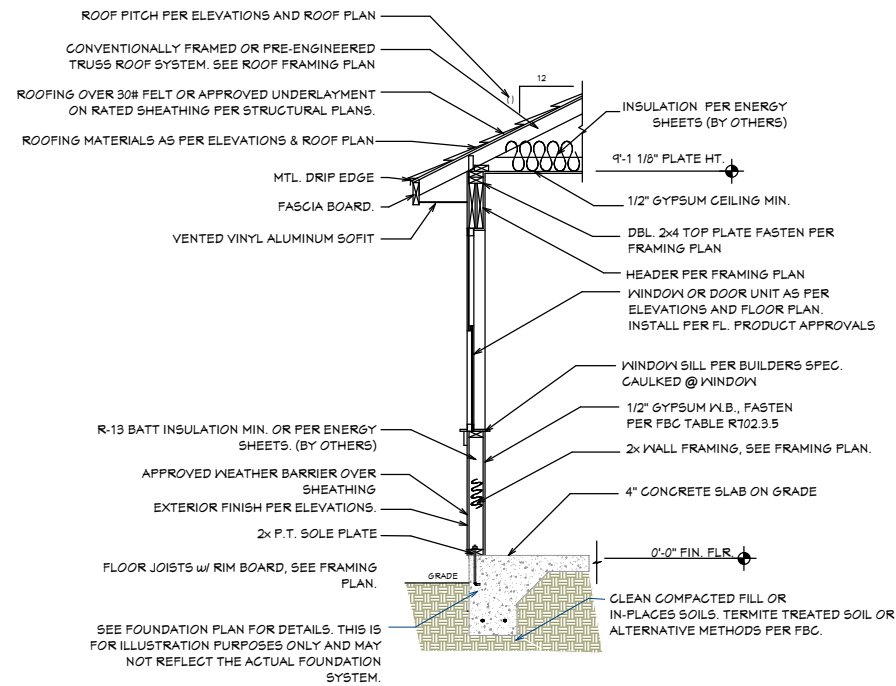
FLOOR PLAN
SCALE: 1/8" = 1'-0"

REVISION TABLE			MARTIN ENGINEERING, LLC. 22-890-6445 Sandhill Road.3 JACKSONVILLE, FL 32259 904-472-1459 FL CA#32027	FLOOR PLAN NEW SINGLE FAMILY PARCEL ID: 2848-001-004 OCALA, FL 34471	PROJ.#: 22-857	CODE: FBCR-2020	SHEET NUMBER	
NO.	DESCRIPTION	DATE			DESIGNED: KCM	SCALE: NOTED	A-003	
					DRAWN: KCM	DATE: 1/20/2023		

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1
A-004 CROSS SECTIONS-1
SCALE: 1/8" = 1'-0"



3
A-004 TYP. WALL SECTION
SCALE: N.T.S



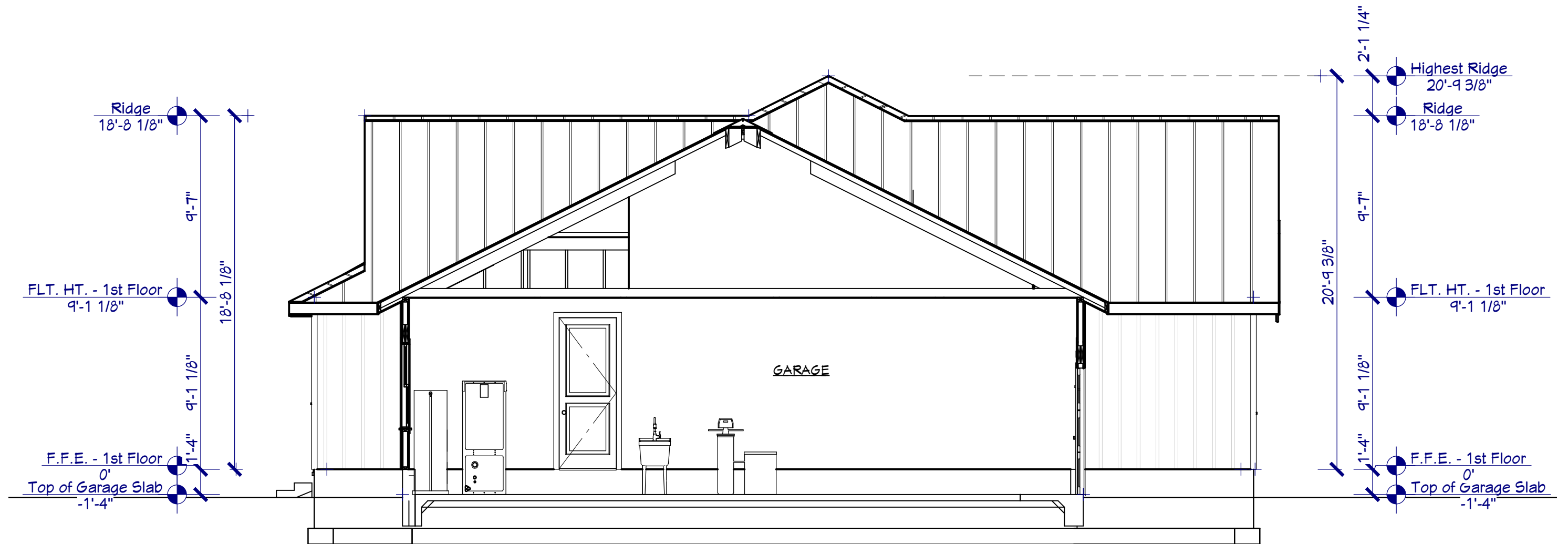
2
A-004 CROSS SECTIONS-2
SCALE: 1/8" = 1'-0"

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22-890-6445 Sandhill Road.3
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904-472-1459
FL CA#32027

SECTIONS
NEW SINGLE FAMILY
PARCEL ID: 2848-001-004
OCALA, FL 34471

PROJ.#: 22-857	CODE: FBCR-2020	SHEET NUMBER
DESIGNED: KCM	SCALE: NOTED	A-004
DRAWN: KCM	DATE: 1/20/2023	



1
A-005

CROSS SECTIONS-3

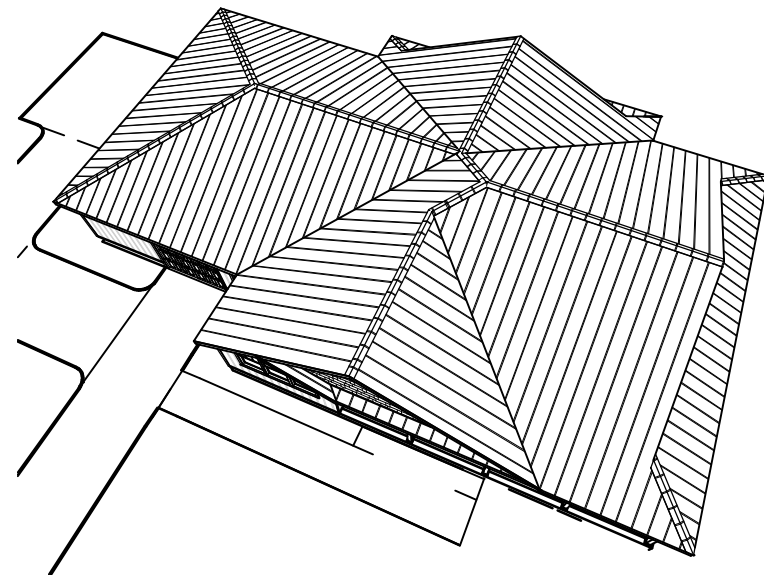
SCALE: 3/16" = 1'-0"

REVISION TABLE		
NO.	DESCRIPTION	DATE

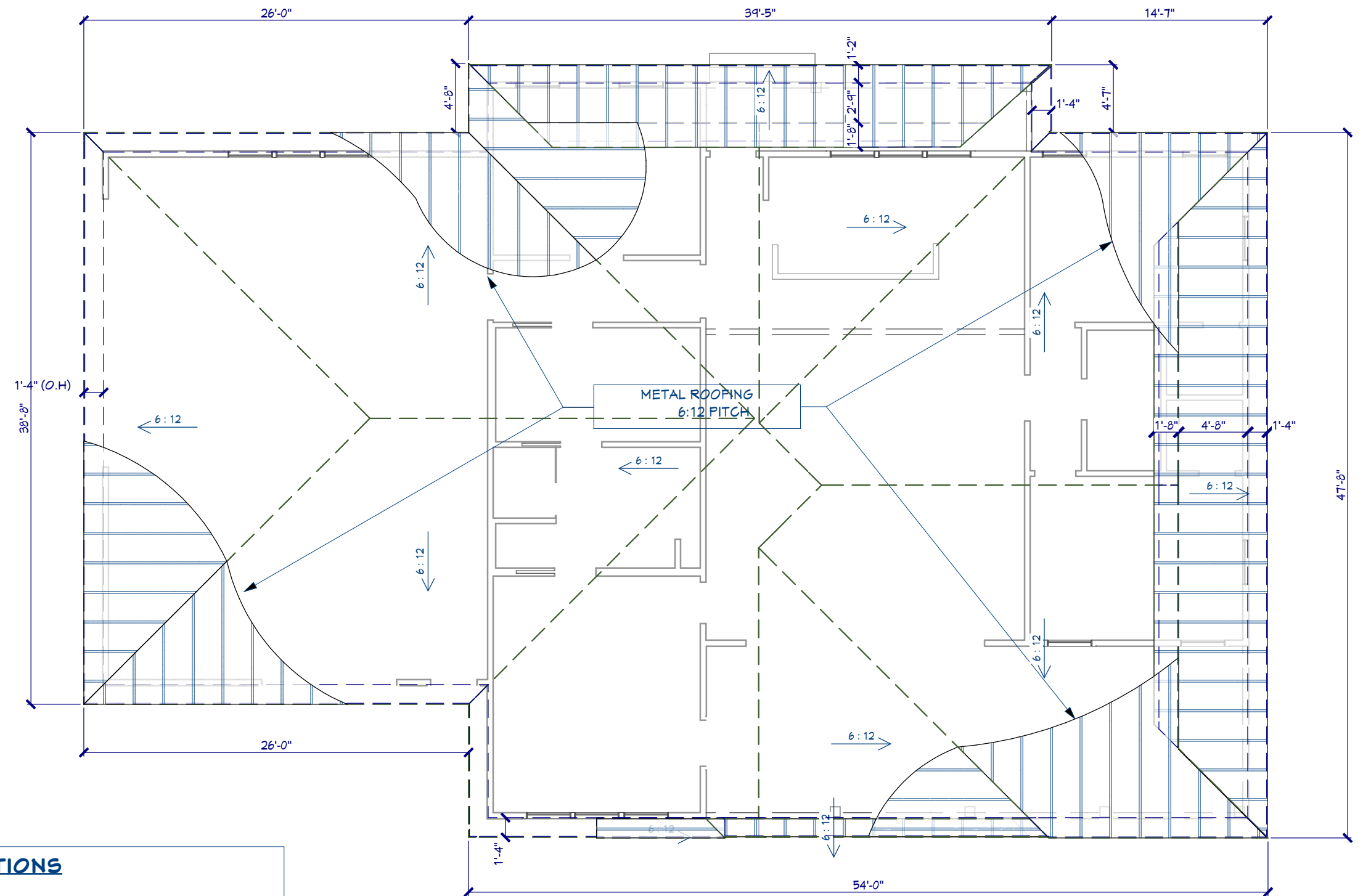
MARTIN ENGINEERING, LLC.
22-890-6445 Sandhill Road.3
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SECTIONS
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DRAWN: KCM	DATE: 1/20/2023	



ISOMETRIC ROOF
N.T.S.



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

VENTILATION REQUIRED:
ATTIC SPACE = 3,436 SQFT
510 / 150 = 22.9 SQFT
3.40 X 144 = 3,298.6 SQIN
3,298.6 SQIN NET FREE ROOF VENT REQ'D

SOFFIT VENTS REQUIREMENTS:
LIN. FT OF SOFFIT AVAILABLE = 46' (FRONT & BACK) 26' (SIDES)
AIR FLOW PER LIN. FT. = 5.89 SQIN
TOTAL = 271 NET FREE SOFFIT AREA PROVIDED >190 SQIN REQUIRED

VENTILATION REQUIREMENTS SHALL BE IN ACCORDANCE
W/ SECTION R806.1 OF THE 2020 RESIDENTIAL FLORIDA BUILDING CODE.

FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) AND
LESS THAN FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12), DOUBLE
UNDERLAYMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.





















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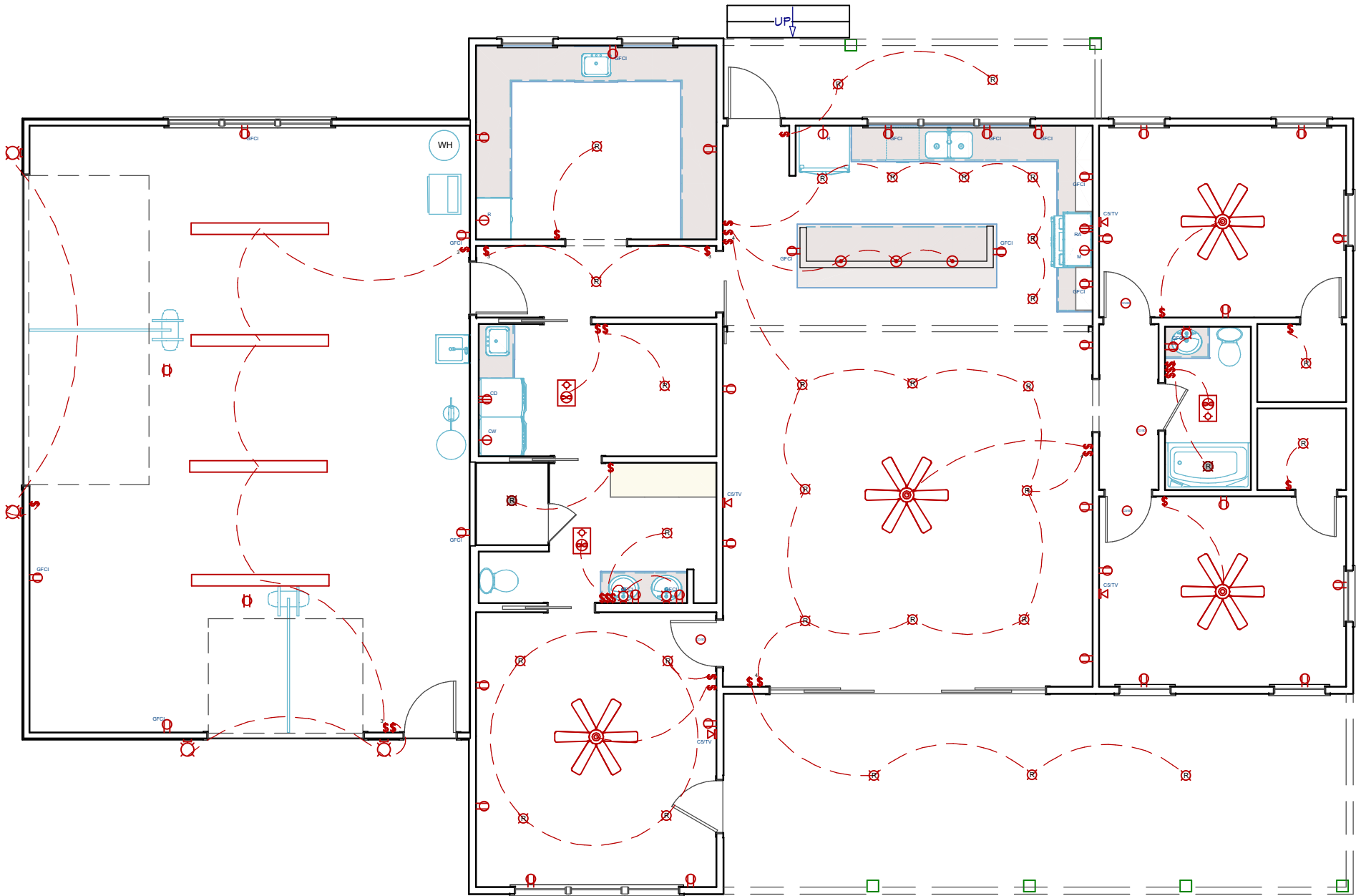
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ROOF PLAN
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SHEET NUMBER
A-006

ELECTRICAL SCHEDULE			
2D SYMBOL	QTY	DESCRIPTION	COMMENTS
	31	RECESSED DOWN LIGHT 6	
	4	PORCH LANTERN	
	3	GRAN ANDROS 21 1/2"	
	3	EXHAUST (LIGHT)	
	3	CONTEMPORARY GLASS SCONCE	
	4	LONG SURFACE MOUNTED FLUORESCENT LIGHT (96x49D)	
	4	CONTEMPORARY (3 LIGHTS)	
	1	CLOTHES DRYER	
	1	CLOTHES WASHER	
	22	DUPLEX	
	2	DUPLEX, CEILING MOUNTED	FOR GARAGE DOOR OPENER
	1	ELECTRIC RANGE	
	16	GFCI	
	1	MICROWAVE	
	2	REFRIGERATOR	
	23	SINGLE POLE	
	4	THREE WAY	
	3	FOUR WAY	
	4	CATS W/ TV	
	4	CO/SMOKE DETECTOR	



- ELECTRICAL NOTES:**
- 1. ELECTRICAL CONTRACTOR SHALL PROVIDE ARC-FAULT CIRCUIT INTERRUPTERS IN ALL BRANCH CIRCUITS THAT SUPPLY 120-VOLT, SINGLE PHASE, 15 & 20 AMP OUTLETS IN LIVING ROOMS, DINING ROOMS, HALLWAYS, BEDROOMS, DENS, SUNROOMS, RECREATION ROOMS, CLOSETS, OR SIMILAR AREAS PER 2017 FBC R3902.16
 - 2. ALL PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL COMPLY WITH THE MINIMUM REQUIREMENTS FOR HIGH-EFFICACY LAMPS PER FBC-ENERGY CONSERVATION R404

ELECTRICAL LAYOUT
SCALE: 3/16" = 1'-0"

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FL CA#32027

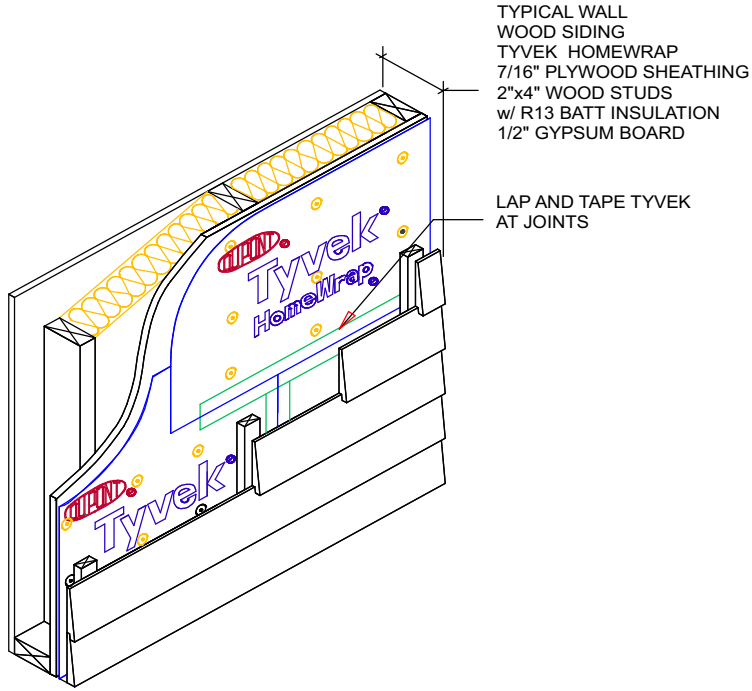
ELECTRICAL LAYOUT
NEW SINGLE FAMILY
PARCEL ID: 2848-001-004
OCALA, FL 34471

PROJ.#: 22-857
DESIGNED: KCM
DRAWN: KCM

CODE: FBCR-2020
SCALE: NOTED
DATE: 1/20/2023

SHEET NUMBER
E-001

WEATHER BARRIER

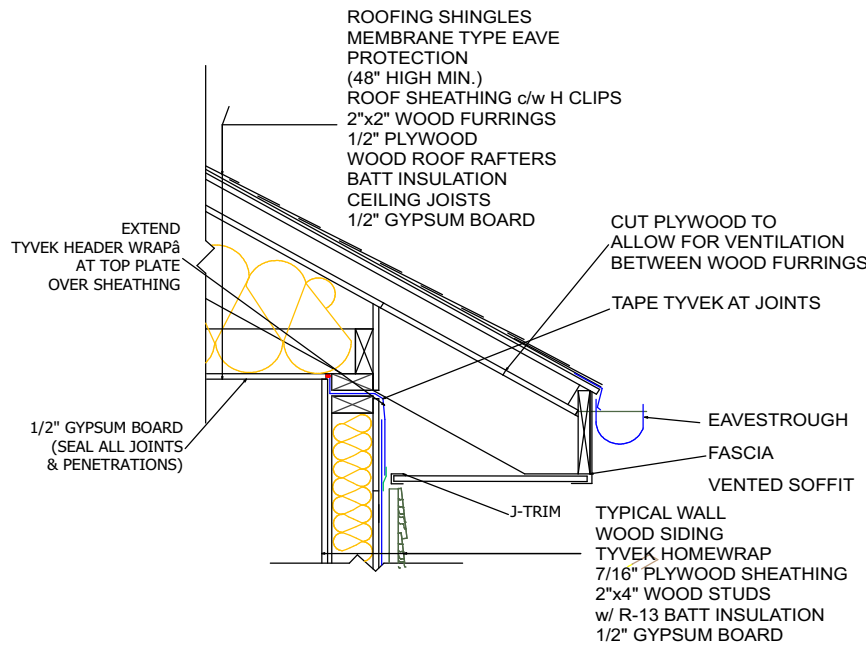


TYPICAL WALL ISOMETRIC

RESIDENTIAL WOOD FRAME STRUCTURE w/ WOOD SIDING (COOLING CLIMATE)

TYPICAL WALL
WOOD SIDING
TYVEK HOMEWRAP
7/16" PLYWOOD SHEATHING
2"x4" WOOD STUDS
w/ R13 BATT INSULATION
1/2" GYPSUM BOARD

LAP AND TAPE TYVEK
AT JOINTS



ROOF/ WALL INTERFACE DETAIL

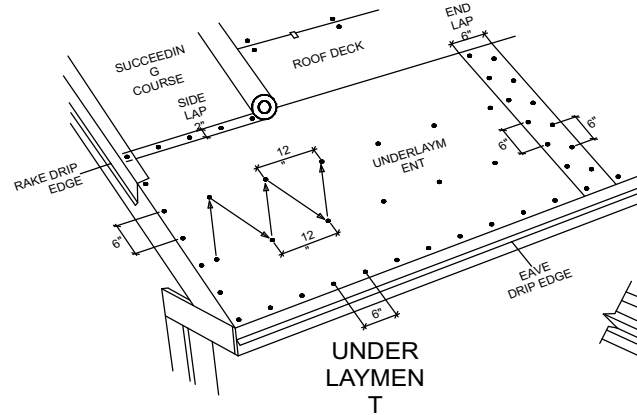
RESIDENTIAL WOOD FRAME STRUCTURE w/ WOOD SIDING (COOLING CLIMATE)

ROOFING SHINGLES
MEMBRANE TYPE EAVE
PROTECTION
(48" HIGH MIN.)
ROOF SHEATHING c/w H CLIPS
2"x2" WOOD FURRINGS
1/2" PLYWOOD
WOOD ROOF RAFTERS
BATT INSULATION
CEILING JOISTS
1/2" GYPSUM BOARD

CUT PLYWOOD TO
ALLOW FOR VENTILATION
BETWEEN WOOD FURRINGS
TAPE TYVEK AT JOINTS

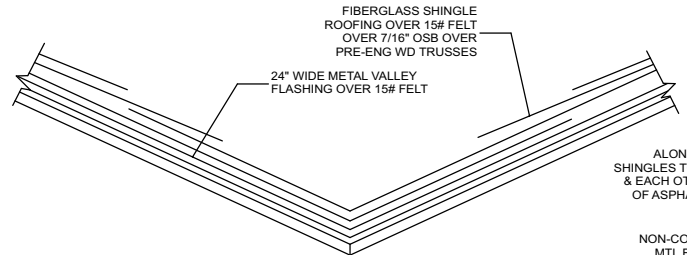
TYPICAL WALL
WOOD SIDING
TYVEK HOMEWRAP
7/16" PLYWOOD SHEATHING
2"x4" WOOD STUDS
w/ R-13 BATT INSULATION
1/2" GYPSUM BOARD

ROOFING

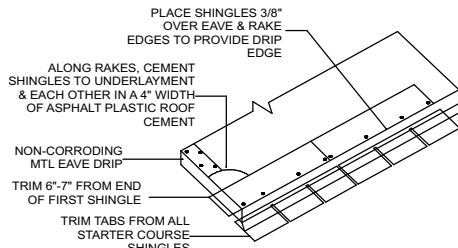


UNDER
LAYMEN
T

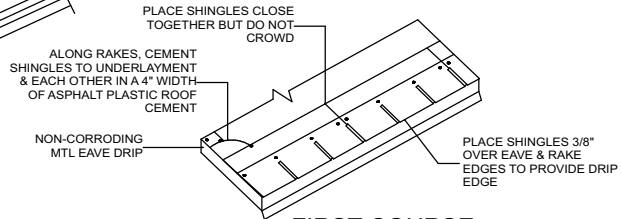
VALLEY SHINGLE INSTALLATION:
INSTALL SHINGLES USING WEAVE METHOD
1. EXTEND (1) FULL END SHINGLE MIN. 12" PAST
CENTER LINE OF VALLEY. SEE MANUF WRITTEN
INSTRUCTION FOR ADDITIONAL INSTALLATION
INFORMATION
2. DO NOT NAIL 6" MIN. FROM VALLEY CENTER LINE



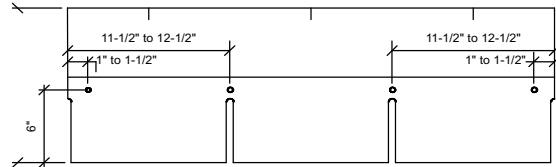
VALLEY FLASHING DETAIL
N.T.S.



STARTER COURSE

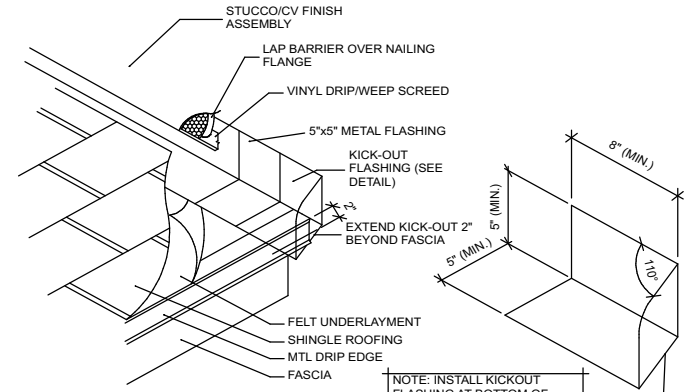


FIRST COURSE



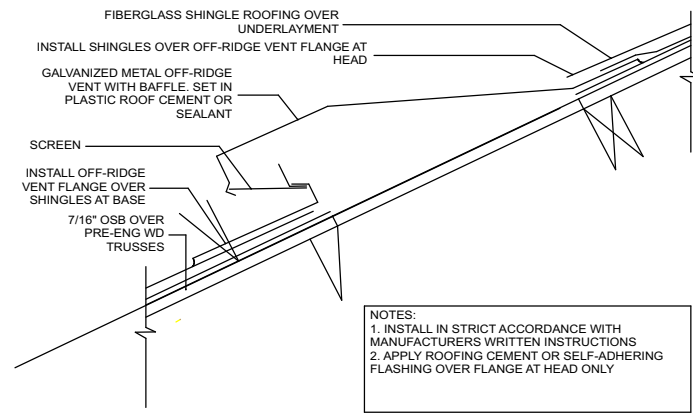
SHINGLE NAILING

NOTE: DETAILS ARE FOR SLOPES OF 3:12 OR GREATER.
FOR SLOPES BELOW 3:12, ALL ROOFING UNDERLAYMENT
SHALL BE SELF ADHERING SHEET MEMBRANE APPROVED
BY THE SHINGLE MANUFACTURER FOR USE ON LOW
SLOPE ROOFING PROJECTS



WALL/KICKOUT FLASHING DETAIL

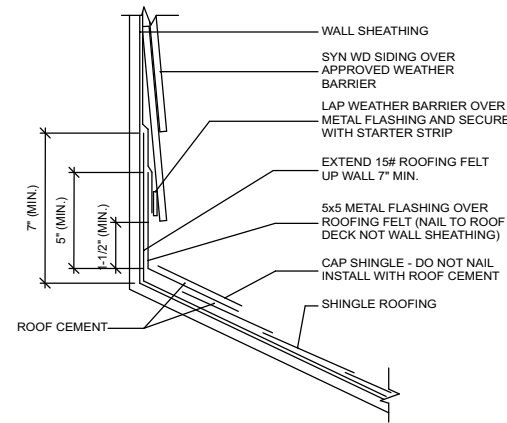
N.T.S.



OFF-RIDGE VENT FLASHING DETAIL

N.T.S.

NOTES:
1. INSTALL IN STRICT ACCORDANCE WITH
MANUFACTURERS WRITTEN INSTRUCTIONS
2. APPLY ROOFING CEMENT OR SELF-ADHERING
FLASHING OVER FLANGE AT HEAD ONLY



WALL FLASHING DETAIL - LAP SIDING

N.T.S.

REVISION TABLE		
NO.	DESCRIPTION	DATE

MARTIN ENGINEERING, LLC.
22-890-6445 Sandhill Road.3
JACKSONVILLE, FL 32259
904-472-1459
FL CA#32027

FLASHING DETAILS
NEW SINGLE FAMILY
PARCEL ID: 2848-001-004
OCALA, FL 34471

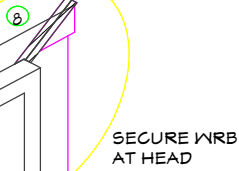
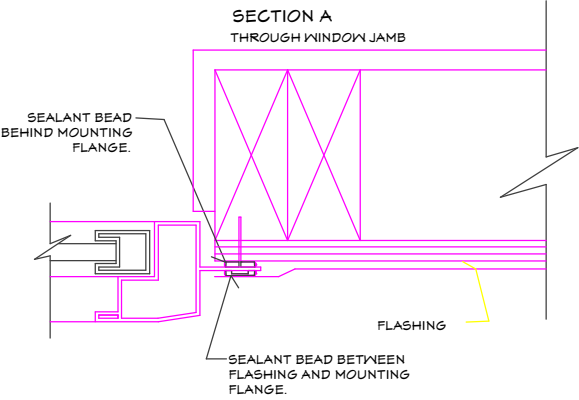
PROJ.#: 22-857	CODE: FBCR-2020	SHEET NUMBER
DESIGNED: KCM	SCALE: NOTED	A-007
DRAWN: KCM	DATE: 1/20/2023	

FLASHINGS FOR EXT. OPENINGS

- STEPS**
- 1 IN WATER SHEDDING FASHION, STARTING AT THE BASE OF THE WALL & WORKING TOWARDS THE TOP, INSTALL THE WRB TO THE FACE OF THE SHEATHING.
 - 2 APPLY SILL FLASHING
 - 3 APPLY BEAD OF SEALANT AT BACK OF WINDOW FLANGE & SET WINDOW USING PAN HEAD SCREWS TO FACILITATE INSPECTION. APPLY BEAD OF SEALANT AT SIDE JAMBS. EXTEND 8 1/2" ABOVE HEAD FLASHING.
 - 4 APPLY JAMB FLASHING
 - 5 APPLY BEAD OF SEALANT AT HEAD
 - 6 APPLY HEAD FLASHING
 - 7 REMOVE PREVIOUSLY APPLIED TAPE, ALLOWING WRB TO LAY FLAT OVER HEAD FLASHING.
 - 8 APPLY NEW SHEATHING TAPE OVER DIAGONAL CUT - SEE DIAGRAM.

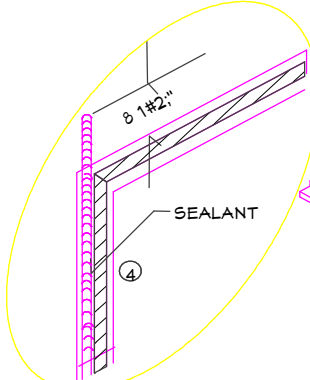
SEAL THE WINDOW FRAME TO OPENING. APPLY A 3/8" NOM. DIA. TO THE BACKSIDE (INTERIOR) OF THE WINDOW FLANGE, IN LINE WITH ANY PRE-PUNCHED HOLES OR SLOTS.

- 5 JAMB FLASHING**
- APPLY CONT. SEAL TO THE MOUNTING FLANGES AT THE TOP (HEAD) AND SIDES (JAMBS) OF WINDOW. EXTEND SEALANT AT JAMBS 8 1/2" ABOVE THE R.O. AT HEAD. EMBED JAMB FLASHING INTO SEALANT AND FASTEN IN PLACE. (FLASHING GOES OVER SEALANT).



FLASHING AT HEAD EXTENDS 1" BEYOND JAMB FLASHING.

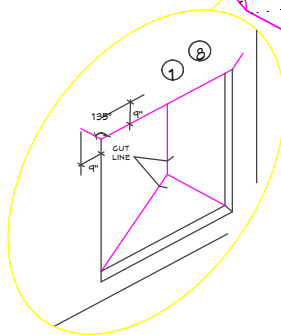
- 7 HEAD FLASHING**
- EMBED BOTTOM OF THE HEAD FLASHING AGAINST THE PREVIOUSLY APPLIED SEALANT (FLASHING GOES OVER SEALANT). EXTEND HEAD FLASHING BEYOND EACH JAMB FLASHING. FASTEN IN PLACE.



- 5 JAMB FLASHING**
- EXTEND JAMB FLASHING TO OVERLAP SILL FLASHING. EXTEND JAMB FLASHING 8 1/2" ABOVE ROUGH OPENING AT HEAD. TUCK TOP OF JAMB FLASHING UNDER THE FLAP OF WRB AT THE HEAD. SEE DIAGRAM.

SHIM AND ADJUST WINDOW TO ACHIEVE SQUARE, PLUMB, AND LEVEL CONDITION. USE CORROSION RESISTANT FASTENERS. FASTEN WINDOWS PER WINDOW MANUFACTURER SPECIFICATIONS.

- 1 WEATHER RESISTANT BARRIER (WRB)**
- AT A 45 DEGREE ANGLE, CAREFULLY CUT THE BARRIER ON A DIAGONAL. GENTLY RAISE THE TOP EDGE OF THE BARRIER UP AND TAPE THE TOP CORNERS AND CENTER TO THE EXTERIOR WRB SURFACE ABOVE.

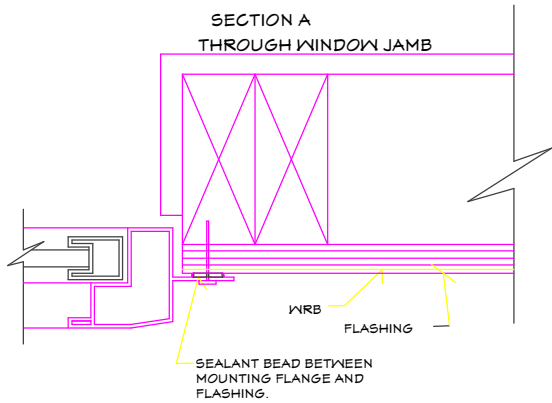


INTERIOR VIEW
TOP LEFT CORNER OF WINDOW

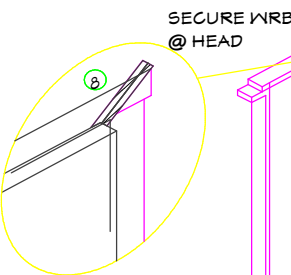
WINDOW INSTALLATION (METHOD A-1)

WEATHER RESISTIVE BARRIER (WRB) APPLIED PRIOR TO THE WINDOW INSTALLATION. FLASHING APPLIED OVER THE FACE OF THE MOUNTING FLANGE.

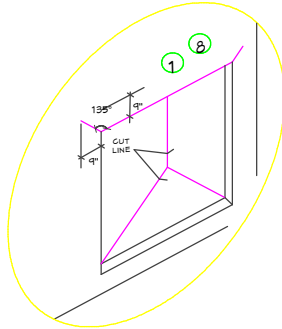
- STEPS**
- 1 IN WATER SHEDDING FASHION, STARTING AT THE BASE OF THE WALL & WORKING TOWARDS THE TOP, INSTALL THE WRB TO THE FACE OF THE SHEATHING.
 - 2 APPLY SILL FLASHING
 - 3 APPLY JAMB FLASHING
 - 4 APPLY BEAD OF SEALANT AROUND THE PERIMETER OF THE BACK SIDE (INTERIOR SURFACE) OF WINDOW MOUNTING FLANGE. IMMEDIATELY INSTALL WINDOW USING PAN HEAD SCREWS TO FACILITATE INSPECTION. APPLY BEAD OF SEALANT
 - 5 ACROSS THE FACE OF MOUNTING FLANGE AT HEAD
 - 6 APPLY HEAD FLASHING
 - 7 REMOVE PREVIOUSLY APPLIED TAPE, ALLOWING WRB TO LAY FLAT OVER HEAD FLASHING.
 - 8 APPLY NEW SHEATHING TAPE OVER DIAGONAL CUT - SEE DIAGRAM.



- 4** APPLY A 3/8" NOM. DIA. BEAD OF SEALANT TO THE BACKSIDE (INTERIOR) OF THE MOUNTING FLANGE AROUND THE ENTIRE PERIMETER. FLANGE BEAD IN LINE WITH ANY PRE-PUNCHED HOLES OR SLOTS.



- 3 JAMB FLASHING**
- EXTEND JAMB FLASHING TO OVERLAP SILL FLASHING. EXTEND JAMB FLASHING 8 1/2" (220MM) ABOVE ROUGH OPENING AT HEAD. APPLY TAPE AT CORNERS TO TEMPORARILY HOLD FLASHING IN PLACE UNTIL WRB IS APPLIED.



SHIM AND ADJUST WINDOW TO ACHIEVE SQUARE, PLUMB, AND LEVEL CONDITION. USE CORROSION RESISTANT FASTENERS. FASTEN WINDOWS PER WINDOW MANUFACTURER FASTENER SPECIFICATIONS.

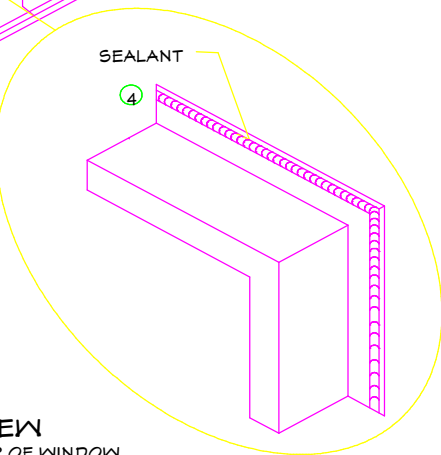
- 1 WEATHER RESISTANT BARRIER (WRB)**
- 1AT A 45 DEGREE ANGLE, CAREFULLY CUT THE BARRIER ON A DIAGONAL. GENTLY RAISE THE TOP EDGE OF THE BARRIER UP AND TAPE THE TOP CORNERS AND CENTER TO THE EXTERIOR WRB SURFACE ABOVE.

AFTER INSTALLATION

SEAL ALL CORNERS OF MECHANICALLY JOINED FRAMES TO SEAL FRAME SEAM JUNCTURE.

FLASHING AT HEAD EXTENDS 1" BEYOND JAMB FLASHING.

- 7 HEAD FLASHING**
- APPLY A CONT. SEAL ALONG MOUNTING FLANGE AT THE HEAD. FLASHING GOES OVER MOUNTING FLANGE. EMBED BOTTOM OF HEAD FLASHING AGAINST SEALANT (FLASHING GOES OVER SEALANT). EXTEND HEAD FLASHING BEYOND EACH JAMB FLASHING. FASTEN IN PLACE.



INTERIOR VIEW
TOP LEFT CORNER OF WINDOW

WINDOW INSTALLATION (METHOD B-1)

WEATHER RESISTIVE BARRIER (WRB) APPLIED PRIOR TO THE WINDOW INSTALLATION. FLASHING APPLIED BEHIND THE MOUNTING FLANGE.

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DRAWN: KCM	DATE: 1/20/2023	