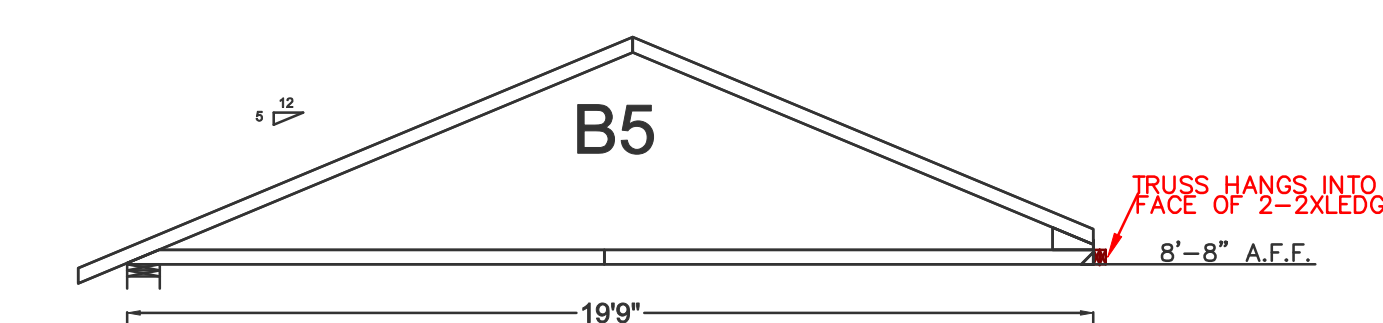
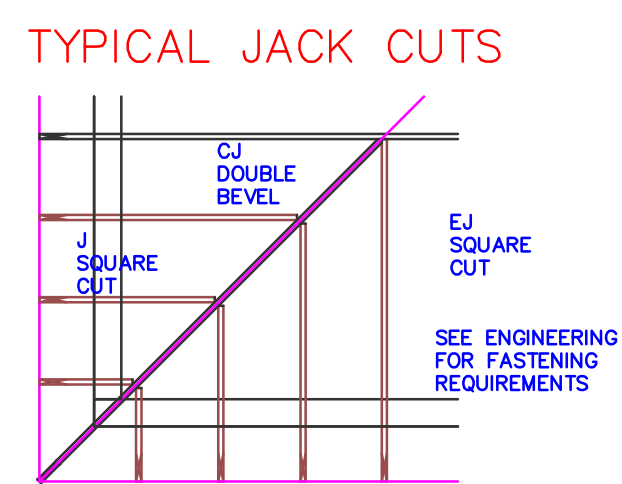
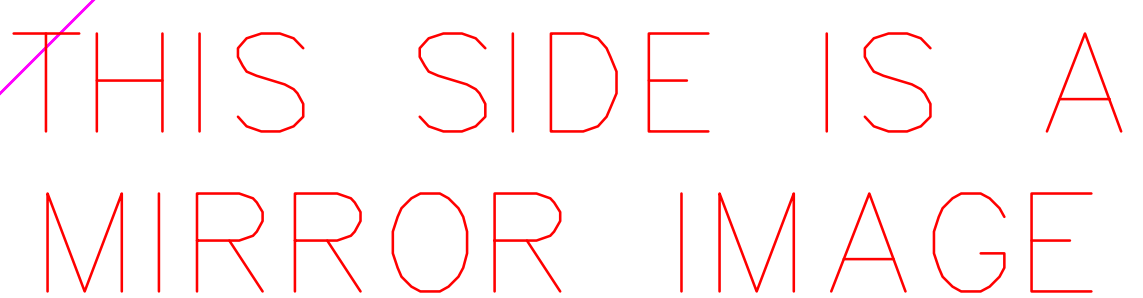




****UNLESS NOTED****

REACTION VALUES ARE UNDER 5000#

UPLIFT VALUES ARE UNDER 1000#

BEARING WALL & BEAM HEIGHTS		
	0'-0"	ELEV.
	FIREWALL	ELEV.
		ELEV.
		ELEV.
		ELEV.
		ELEV.
		ELEV.

*****ATTENTION*****

APPROVAL OF THIS TRUSS LAYOUT IS NECESSARY BEFORE FABRICATION CAN BEGIN. VERIFY DIMENSIONS, PITCHES, OVERHANGS, ELEVATIONS, CEILING & BEARING CONDITIONS. SCOSTA CORPORATION IS RESPONSIBLE FOR ACCURACY IN ACCORDANCE WITH PLANS AND/OR INFORMATION PROVIDED BY CUSTOMER, WITH ANY DEVIATIONS NOTED HEREIN. CUSTOMER IS RESPONSIBLE TO VERIFY ACCURACY OF INFORMATION AND PLANS PROVIDED TO SCOSTA CORPORATION, AND TO VERIFY CONFORMANCE TO FIELD CONDITIONS, AND/OR OWNER CHANGES. TRUSSES WILL BE BUILT IN ACCORDANCE WITH THE APPROVED LAYOUT.

APPROVED BY: _____

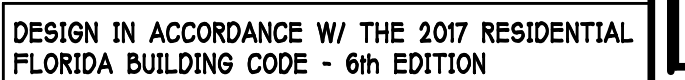
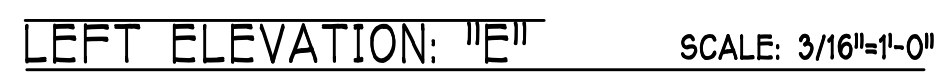
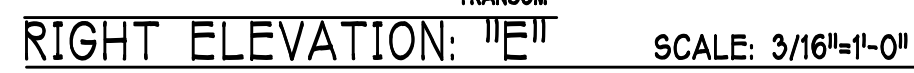
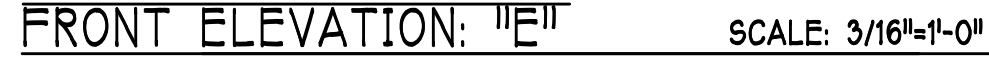
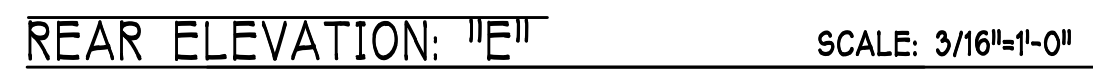
DATE: _____ REQUESTED DELIVERY DATE: _____

JOB SITE CONTACT NAME: _____

PHONE #: _____

E-MAIL: _____

SCOSTA CORP.			
			
WOOD, STEEL OR TIMBER ROOF & FLOOR TRUSSES			
3670 COMMERCE CENTER DRIVE SEBRING, FL. 33870 (863) 385-8242			
SCALE: 1/4"=1'-0"	DATE: 10/15/15	REVISED BY: KD. 06/26/17	DRAWN BY: KRISTY
JOB ADDRESS: 1519 SIGNATURE VILLAS			1 of 1
CUSTOMER: D.R. HORTON			JOB # 44150



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only. No work was performed by the SDR in
mechanical, electrical, plumbing, fire, life
support, civil, or geotechnical.

STRUCTURAL ENGINEERING

**STRUCTURAL
SYSTEMS**
OF NORTH FLORIDA

1634 S.E. 47th ST. SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554

CA# 8829

LOT: 158-159	BLOCK:
SUBDIV: MARBLEBROOK TV's	
ADRS: 19500-19506 GALLEON POINT DR	
G.C.D. #: 10752	D.R.H. #: 579380179-180

MODEL: 1519 - SIGNATURE
RESIDENCE FOR: SPEC

DATE:	01-31-19
DRAWN BY:	JSL
CHECKED BY:	J.W.C.
REVISED:	
PLAN:	ELEVATION
SCALE:	3/16" = 1'-0"
SHEET#	



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

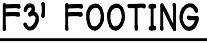
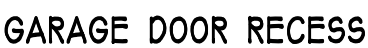
SCALE: 3/16" = 1'-0"

PLAN NOTES:

- 1. TOP OF GROUND FLOOR SLAB DATUM ELEVATION 0'-0".
- 2. FOOTING MAY BE STEPPED DOWN TO ACCOMMODATE SLOPE IN FINISHED GRADE.
- 3. "1" DENOTES CONTIGUOUS WALL FOOTING, TYPE PER SCHEDULE, THIS SHEET.
- 4. "2" DENOTES PAD FOOTING, TYPE PER SCHEDULE, THIS SHEET.
- 5. PROVIDE #5 VERTICAL REINFORCING AT DOT LOCATIONS SHOWN ON PLAN FROM FOOTING TO BOND BEAM.
- 6. ALL DIMENSIONS ARE TO OUTSIDE FACE OF MASONRY WALLS. SOME SLAB EDGES MAY EXTEND BEYOND FACE OF WALL.
- 7. FOR DIMENSIONS OF ROUGH OPENINGS IN MASONRY WALLS, COORDINATE WITH WINDOW/DOOR SUPPLIER.
- 8. PROVIDE PRESSURE TREATED BUCKS AT WINDOWS / DOORS PER DETAIL 7/5-1.

WALL FOOTING SCHEDULE						
UB	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE
	(F1)	CONT.	1'-4"	0'-8"	2-#5	
X	(F2)	CONT.	1'-8"	0'-10"	2-#5	
X	(F3)	CONT.	1'-0"	1'-8"	2-#5	
	(F4)	CONT.	1'-4"	1'-8"	2-#5	
X	(F5)	CONT.	1'-4"	1'-0"	2-#5	
X	(F6)	CONT.	0'-8"	0'-8"	1-#5	
	(F6A)	CONT.	8"	8"	1-#5	
	(TE)	CONT.	8"	0'-8"	1-#5	

NOTE: REINFORCING IN FOOTINGS SHALL BE CONTINUOUS AT CORNERS AND INTERSECTIONS. ADD CORNER BAR 25"x25" AT EACH LONGITUDINAL BAR.



DESIGN IN ACCORDANCE W/ THE 2017 RESIDENTIAL
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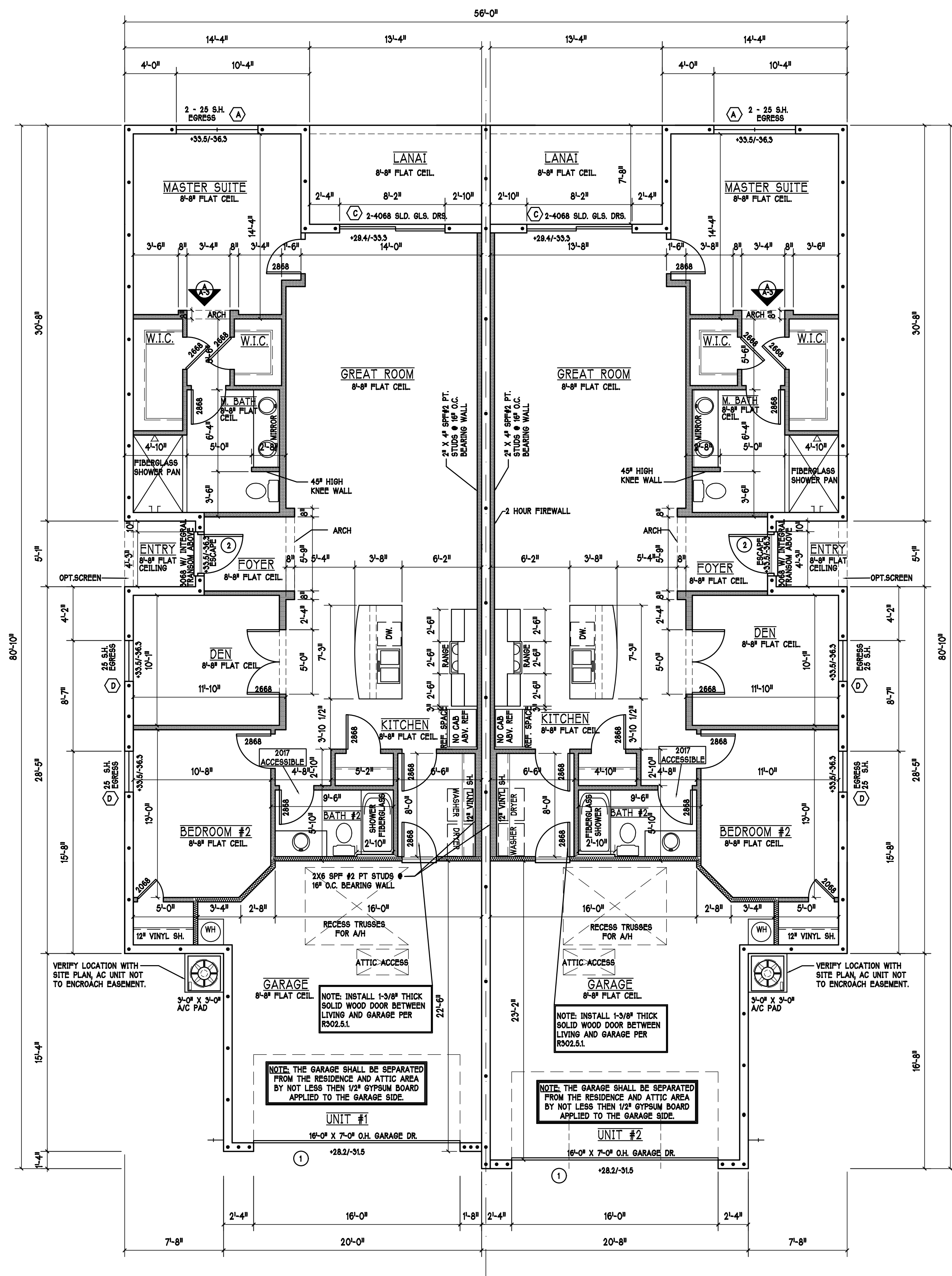
This signature and seal is for work performed by the Structural Engineer of Record (SER) related to Structural Engineering only. No work was performed by the SER in other disciplines such as architectural, mechanical, plumbing, electrical, fire, life safety, accessibility, energy, site work, civil, or geotechnical.	STRUCTURAL ENGINEERING
STRUCTURAL SYSTEMS OF NORTH FLORIDA 1634 S.E. 47th ST SUITE #3 CAPE CORRAL, FL 33904	

LOT: 158-159 BLOCK: SUBDIV: MARLBROOK TV_s ADDRESS: 19500-19506 GALLEON POINT DR

MODEL:	1519 - SIGNATURE
RESIDENCE FOR:	SPEC

DATE:	01-31-19
DRAWN BY:	JSL
CHECKED BY:	J.W.C.
REVISED:	
PLAN:	FOUNDATION
SCALE:	3/16" = 1'-0"
SHEET#	

A2



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

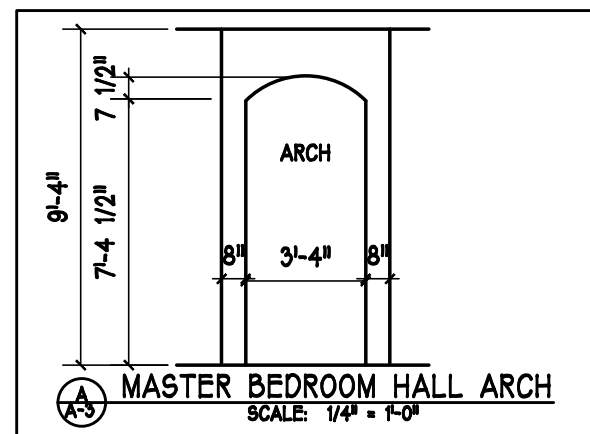
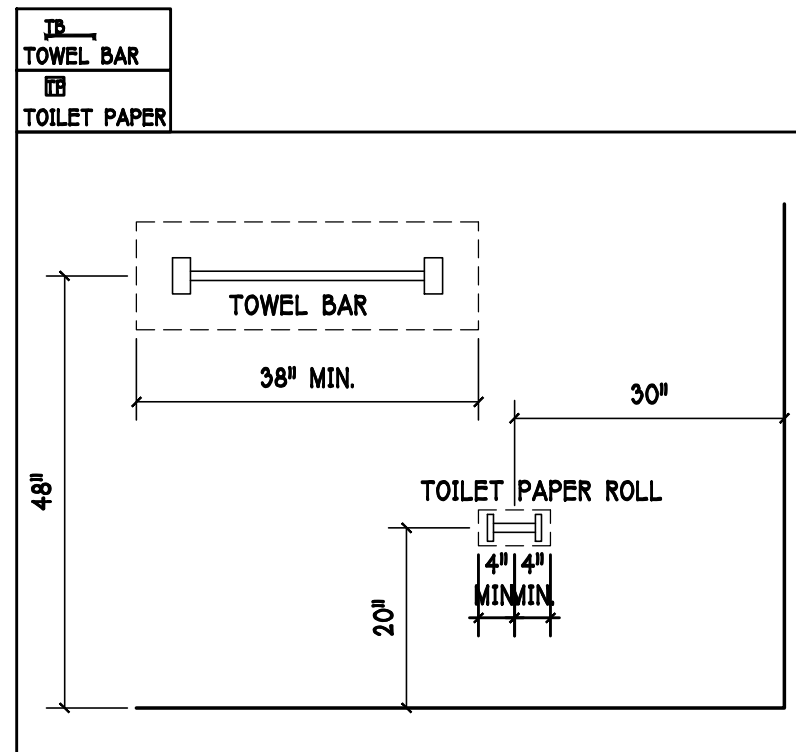
NOTE TO PLUMBER AND CARPENTER, FIREWALL NOT TO BE PENETRATED.

STUCCO CEILING ON LANAI AND ENTRY

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE C, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. Vmax=124 MPH.							
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	ZONE	WIND PRESSURE	QTY
1	OVERHEAD	GARAGE DOOR	182	84	4.5	+28.2/-31.5	2
2	SWING DOOR	DISTINCTION W/ INTEGRAL TRANSOM	56	80	5	+33.5/-36.3	2

GARAGE DOOR ASSUMES 2' IN ZONE 5.

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE C, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. Vmax=124 MPH								
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	ZONE	WIND PRESSURE	WIND-BORNE DEBRIS PROTECTION	QTY
A	2-25	S.H.	80 1/16	65 1/4	4	+33.5/-36.3 +33.5/-44.8	SHUTTERS	2
B	25	S.H.	38 1/2	65 1/4	4	+33.5/-36.3 +33.5/-44.8	SHUTTERS	4
C	2 - 4068	SL. GL. DOOR	89 3/4	80	5	+28.4/-33.3 +33.5/-36.3	SHUTTERS	2
D	34	S.H.	53 1/2	55 1/4	5	+33.5/-36.3 +33.5/-44.8	SHUTTERS	X
								8



FRAMERS NOTES:
NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. SPACING ON STUDS SHALL NOT EXCEED 24" O.C.
NON BEARING WALLS ONLY.

DOOR HEADERS

6'-8" BIFOLD	HEADER HEIGHT	82" A.F.F.
6'-8" SWING	HEADER HEIGHT	82 1/2" A.F.F.
8'-0" SWING	HEADER HEIGHT	88 1/2" A.F.F.

PLAN NOTES

- VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS
- PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT PER FLORIDA BUILDING CODE R 308.4.2.
- PROVIDE SAFETY GLAZING AT BATH / SHOWER PER FLORIDA BUILDING CODE R 308.4.5.
- NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. SPACING SHALL NOT EXCEED 24" O.C. (NON BEARING WALLS ONLY)
- PROVIDE DEAD WOOD IN ATTIC FOR OVERHEAD GARAGE DOOR HARDWARE
- KITCHEN KNEE WALL TO BE FRAMED W/ TOP 41 1/2" A.F.F. W/ RAISED BAR TOP
- INSTALL SMOOTH WALLS IN KITCHEN AND ALL BATHROOM AREAS
- WHERE DRYWALL CEILING IS APPLIED TO TRUSSES AT 24" O.C. USE 5/8" DRYWALL OR 1/2" 5/8" RESISTANT PER SEC. 702.3.5
- THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE & ATTIC BY NOT LESS THAN 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED WITH NOT LESS THAN 5/8" TYPE "X" GYPSUM BOARD OR EQUIVALENT, WHERE THE SEPARATION IS A FLOOR - CEILING ASSEMBLY THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2" GYPSUM BOARD OR EQUIVALENT
- INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.5.1
- ALL WINDOWS INSTALL 72" ABOVE GRADE MUST COMPLY WITH R 312.2.1 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PREVENTION DEVICE
- STUB OUT FOR GAS 6" OUTDOOR KITCHEN, RANGE, WATER HEATER, AND DRYER. VERIFY WITH CONTRACTOR AND SUBDIV. SPECS. A SEPARATE PERMIT IS REQUIRED FOR GAS PIPING.
- ALL CLOSET SHELVES TO BE 12". ALL PANTRY & LINEN TO BE 14"-18" SHELVES 18" O.P.F. WITH 18" INCREMENT.

CABINET BACKING

KITCHEN	UPPER TOP @ 84"	BASE TOP @ 85"
MASTER BATH	UPPER	BASE TOP @ 85"
GUEST BATH	UPPER	BASE TOP @ 85"
LAUNDRY RM.	UPPER TOP @ 84"	BASE

SQUARE FOOTAGE UNIT #1

FLOOR LIVING AREA	1,519
GARAGE AREA	457
COVERED ENTRY AREA	28
COVERED LANAI AREA	105
TOTAL AREA	2,109

SQUARE FOOTAGE UNIT #2

FLOOR LIVING AREA	1,519
GARAGE AREA	457
COVERED ENTRY AREA	28
COVERED LANAI AREA	105
TOTAL AREA	2,109

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STRUCTURAL ENGINEERING

STRUCTURAL SYSTEMS OF NORTH FLORIDA

SAFETY ENGINEER, F.S. 1555.04

CE 399 549-4554

CM 8827

MODEL: 1519 - SIGNATURE

RESIDENCE FOR: SPEC

LOT: 158-159

SUBDIV: MARBLEBROOK TV's

ADRS: 19500-19506 GALLEON POINT DR

G.C.D. #: 10752

D.R.H. #: 579380179-180

DATE: 01-31-19

DRAWN BY: JSL

CHECKED BY: J.W.C.

REVISED:

PLAN: FLOOR

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

SHEET#

A3

Diagram illustrating the Beveled Blocking assembly:

- ROOF SHEATHING
- 8d RING SHANK
● 6" O.C.
- 16d NAILS ●
8" O.C.
- 2" X 11 BLOCKING W/
BEVEL CUT TOP, BLOCKING
CAN BE ON EITHER SIDE
OF TRUSS
- ROOF TRUSS

BEVELED BLOCKING

[illegible]

PAC INTERNATIONAL INC - Type RSIC-1.
*Bearing the UL Classification Mark

*Bearing the UL Classification Mark

			SOFFIT ONLY 11/150 (NO ROOF VENTS)			WITH ROOF VENTS 11/300 (R.V.)		
AREAS (SQ. FT.)			ATTIC VENTILATION REQUIRED			ATTIC VENTILATION REQUIRED		
MARK	ATTIC	SOFFIT	ATTIC AREA/150	REQ'D AIR FLOW OF SOFFIT	QUAD 4 SOFFIT HAS	ATTIC AREA/300	QUANTITY OF ROOF VENTS	MIN AIR FLOW OF SOFFIT
1st STORY	2218.8 SQ. FT.	136.8 SQ. FT.	14.79 SQ. FT.	10.81%	8.15%	7.40 SQ. FT.	4	2.84%
SOFFIT ONLY DOES NOT QUALIFY						ROOF VENTS ARE REQUIRED		
SOFFIT MODEL ACM QUAD 4 FULL VENT, NARROW PATTERN, 8.15% FREE AIR FLOW						ROOF VENT MODEL 		

PLAN NOTES:

- 1) ROOF TRUSS BEARING ELEVATION 8'-8".
- 2) ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-1.
- 3) PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
- 4) FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON S-1.
- 5) 8F8-18 etc., DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.

INSTALL
HTA16-18
AT ALL
TRUSSES
TO 1615 lb
UPLIFT.
FOR HIGHER
UPLIFTS,
SEE NOTES
ON PLAN.

TRUSS STRAPPING TO MASONRY		
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
1615	(1)HTA16-18	10-10dx1 1/2", EMBED 4"
1870	(1)HTA20	10-10dx1 1/2", EMBED 4"
2430 (1 PLY)	(2)HTA16-18	10-10dx1 1/2", EMBED 4"
2800 (2 PLY)	(2)HTA16-18	10-10dx1 1/2", EMBED 4"
3170 (2 PLY)	(2)HTA20	10-10dx1 1/2", EMBED 4"
5005	HTT45	5/8"Ø ATR, EPOXY 12"

NOTES:

- 1) PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE AND SUITABLE FOR THE GEOMETRY. EMBED STRAP ON C/L OF WALL.
- 2) CONNECTORS ARE USP STRUCTURAL CONNECTED. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH USP PRINTED INSTRUCTIONS.
- 3) TRUSS COMPANY MUST APPROVE IN WRITING BY THE ENGINEER OF RECORD.
- 4) WHEN EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER DETAIL 2/S-4.
- 5) "ATR" = ALLTHREAD. DRILL AND EPOXY WITH USP EPOXY PER MFR. INSTRUCTIONS.

R2

Diagram illustrating the construction details of a vertical precast lintel. The diagram shows a cross-section of the lintel with the following annotations:

- HOOK #5 BAR INTO TOP OF BOND BEAM
- WALL ABOVE WITH BOND BEAM AT TOP
- #5 VERTICAL, ABOVE LINTEL ONLY WHERE NOTED ON PLAN
- NOTES #5 BOTTOM HOOK EACH END 24" BEYOND
- NOTES "NO REBAR"
- 8" PRECAST LINTEL
- GRAUTED SOLID
- 8F8-18

AT SWING DOORS, USE 2" RECESS STYLE
LINTEL IF NEEDED FOR ROUGH OPENING.
LINTELS BEAR 4" MIN. EACH END

TRUSS BEARING CONDITIONS AND
STRAPPING IS BASED
ON TRUSS LAYOUT PREPARED BY SCOSTA CORP
JOB # 44150 DATED: 10/15/15 REVISED: 6/26/17

DESIGN IN ACCORDANCE W/ THE 2017 RESIDENTIAL
FLORIDA BUILDING CODE - 6th EDITION

TYPE OF AGGREGATE	FIRE - RESISTANCE RATING (HOURS)			
		2		
PUMICE OR EXPANDED SLAG		3.2		
EXPANDED SHALE, CLAY OR SLATE		3.6		
LIMESTONE, CINDERS, OR EXPANDED SLAG		4.0		

1. STANDARD 8" HOLLOW MASONRY HAS 4.0" EQUIVALENT SOLID THICKNESS. THEREFORE ANY OF THE LISTED AGGREGATES IS ALLOWED.
2. NOTE: CALCAREOUS OR SILICEOUS GRAVEL IS A 4TH TYPE WHICH IS NOT ALLOWED.

**NOTE TO
PLUMBER AND CARPENTER,
FIREWALL NOT TO
BE PENETRATED.**

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

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STRUCTURAL ENGINEERING

STRUCTURAL SYSTEMS

OF NORTH FLORIDA

1634 S.E. 47th ST. SUITE #3
CAPE CORAL, FL 33904

MODEL:	LOT: 158-159	BLOCK :
519 - SIGNATURE	SUBDIV: MARLBROOK TVs	
RESIDENCE FOR:	ADRS: 19500-19506 GALLEON POINT DR	

DATE: 01-31-19

DRAWN BY:

CHECKED BY:

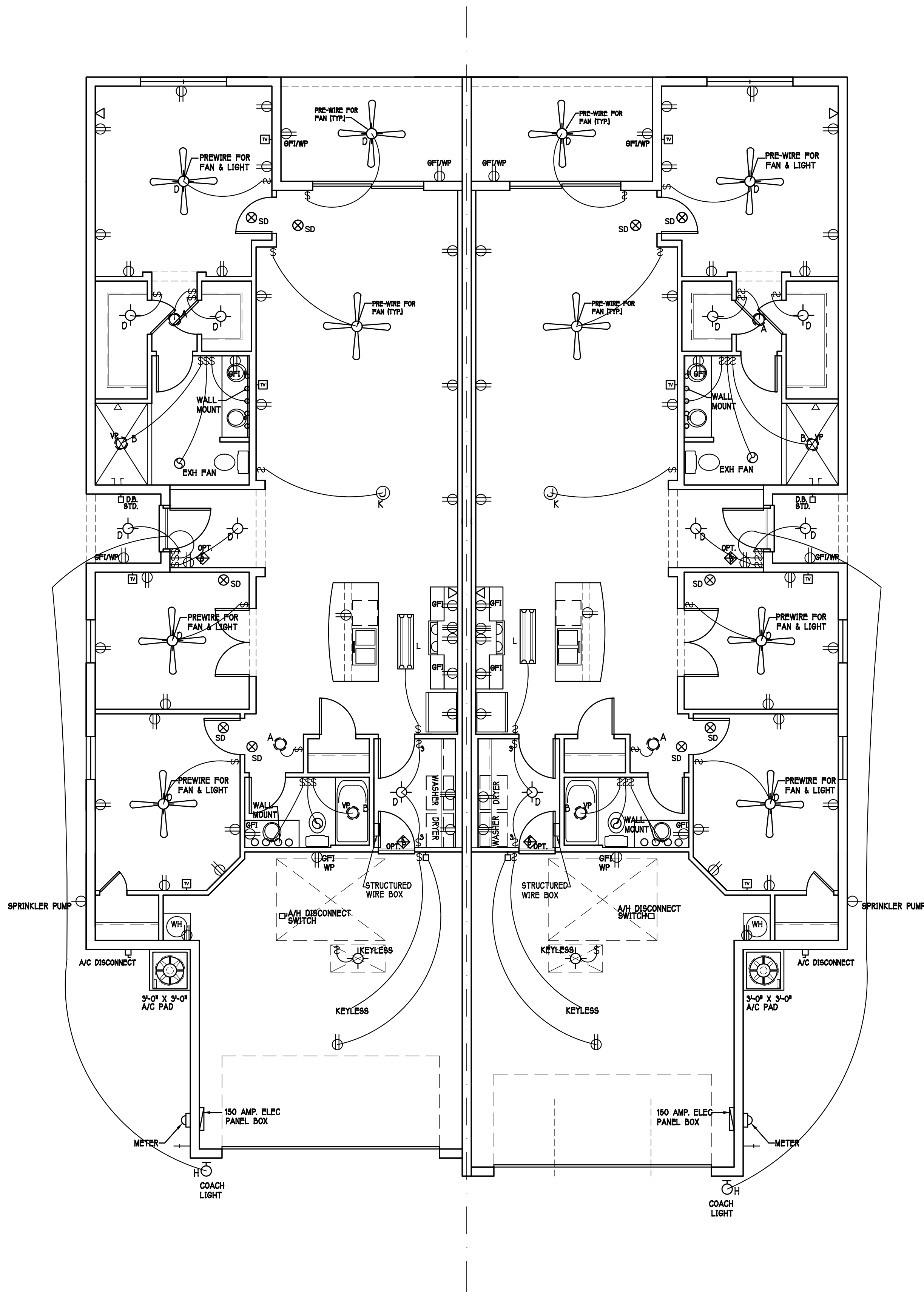
J.W.C.

PLAN: ROOF PLAN

SCALE:

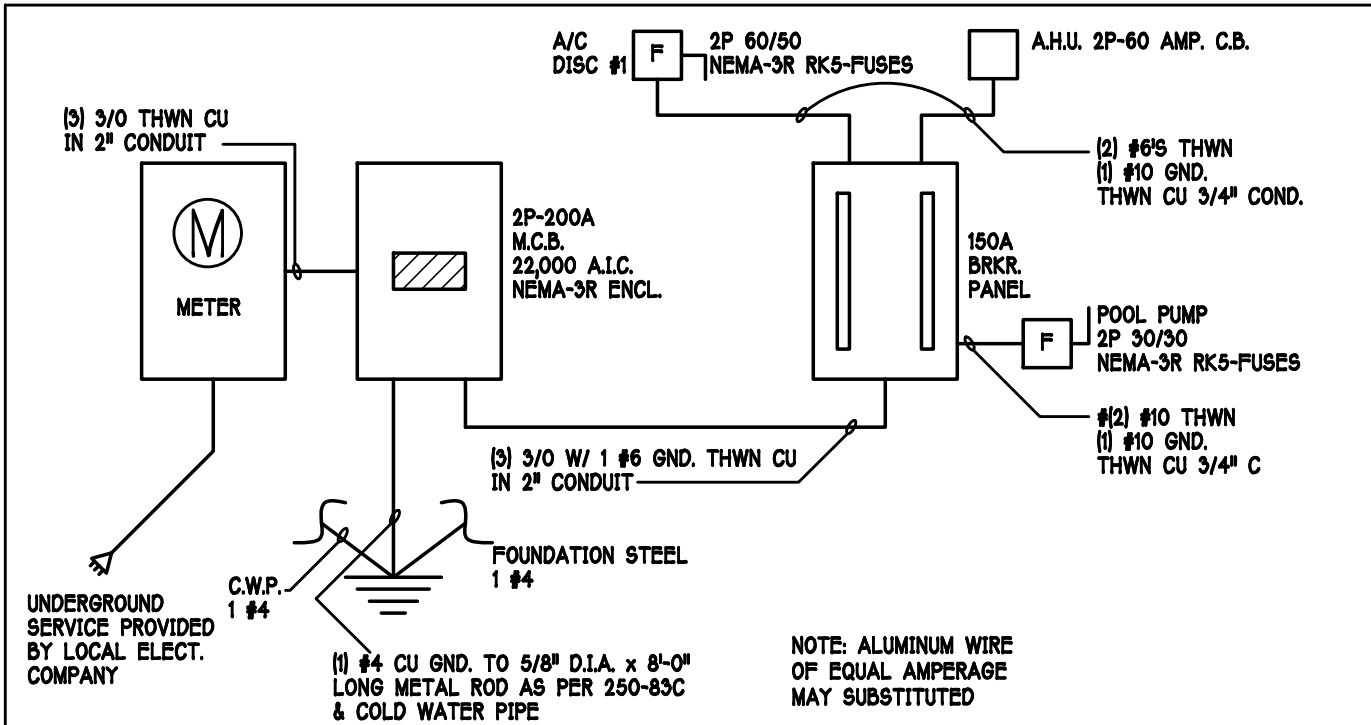
SHEET#

A4



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

AIR CONDITIONING COORDINATION REQUIRED.
PRIOR TO ORDERING ROOF TRUSSES, THE CONTRACTOR SHALL WORK WITH THE AIR CONDITIONING SUB CONTRACTOR TO DESIGN/PLAN AND LAYOUT THE LOCATION OF AIR HANDLING EQUIPMENT, AIR DUCT SIZE AND LOCATION AND COORDINATE THAT DESIGN WITH THE TRUSSES FOR SPACE, CONNECTIVITY, AND POSITION REQUIREMENTS. THE CONTRACTOR MUST ADVISE THE TRUSS COMPANY PRIOR TO ANY CONSTRUCTION OF TRUSSES OF THE AIR CONDITIONING/HANDLING EQUIPMENTS SIZES AND WEIGHT AND DUCT LAYOUT CONCERNS OR REQUIREMENTS THAT MAY HAVE THE POTENTIAL TO CHANGE OR MODIFY THE TRUSSES TO ACCOMMODATE THE SAME.
CONTRACTOR SHALL COORDINATE CONDENSATION DISCHARGE LINE LOCATION, AND ELECTRICAL SERVICE TO AIR EQUIPMENT, AND PROVIDE ANY LOCAL DISCONNECTS, LIGHTS AND SERVICE PLATFORMS THAT MAY BE REQUIRED.



ELECTRICAL RISER DIAGRAM
150 AMP SERVICE RISER

Electrical Notes:
All outlets in wet areas and all exterior outlets to be GFI's
All electrical equipment to be set at or above base flood elevation.

ELECTRICAL NOTES FOR FIRE RATED WALLS
ELECTRICAL OUTLETS PLACED IN FIRE RATED WALLS SHALL BE IN CONFORMANCE WITH THE UNDERWRITERS LABORATORIES, INC., FIRE RESISTANCE DIRECTORY, CURRENT EDITION. THESE REQUIREMENTS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING SPECIFIC ITEMS:
A) INDIVIDUAL OUTLET/SWITCH BOXES SHALL NOT EXCEED (6) SQUARE INCHES IN AREA.
B) AGGREGATE AREA OF OUTLET/SWITCH BOXES SHALL NOT EXCEED (100) SQUARE INCHES WITHIN (100) SQUARE FEET OF WALL AREA.
C) OUTLET/SWITCH BOXES LOCATED ON OPPOSITE SIDE OF THE SAME WALL SHALL BE SEPERATED BY A MINIMUM OF (24) INCHES.
D) ALL OUTLET/SWITCH BOXES SHALL BE SECURELY ATTACHED TO THE STUDS AND THE OPENING IN THE WALLBOARD FACING SHALL BE CUT SO THAT THE CLEARANCE BETWEEN THE BOX AND THE WALLBOARD DOES NOT EXCEED 1/8 INCH.

ELECTRICAL LEGEND

	ELECTRICAL METER
	ELECTRICAL PANEL
	120 V JUNCTION BOX
	SINGLE RECEPTACLE OUTLET
	220 V RECEPTACLE OUTLET
	4-FLEX RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET
	1/2 SWITCHED DUPLEX OUTLET
	DUPLEX RECEPTACLE @ ELEV. A.P.F.
	TIMER SWITCH
	GFI SWITCH
	DIMMER SWITCH
	3 WAY SWITCH
	SINGLE POLE SWITCH
	AC/DC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A FOSSEL-BURNING HEATER OR APPLIANCE, A FIREPLACE, OR AN ATTACHED GARAGE SHALL HAVE AN OPERATIONAL CARBON MONOXIDE ALARM INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING PERIODS. PER RULE 8B-3.04.72 80 SMOKE DETECTOR SD2 CARBON MONOXIDE/SMOKE DETECTOR
	TELEPHONE OUTLET
	TELEVISION RECEPTION OUTLET
	SURFACE MOUNTED CEILING LIGHT
	RECESSED LIGHT
	WALL MTD. BRACKET LIGHT
	DUPLEX FLOOD LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	A/C DISCONNECT
	PUSH BUTTON
	DOOR BELL
	KEYPAD
	FLUORESCENT LIGHT
	2' UNDER COUNTER LIGHT

Electrical Notes:
Install Arc-Fault circuit-Interrupers & Tamper-Resistant Receptacles
shall be installed in dwelling unit. per NEC 210.12 & 406.11
All electrical equipment to be set at or above base flood elevation.
All outlets in wet areas and all exterior outlets to be GFI's
Install Phone & TV per contract .
INSTALL ALL ELECTRICAL PER NEC 2014

DESIGN IN ACCORDANCE W/ THE 2017 RESIDENTIAL
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D.R.HORTON
America's Builder

Gulf Coast Drafting
& Design
Phone (239) 540-1822
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MODEL: 1519 - SIGNATURE
BLOCK: LOT: 158-159
SUBDIV: MARBLEBROOK TV's
RESIDENCE FOR: ADRES: 19500-19506 GALLEON POINT DR
SPEC G.C.D. #: 10752 D.R.H. #: 579380179-180

DATE: 01-31-19
DRAWN BY: JSL
CHECKED BY: J.W.C.
REVISED:
PLAN: ELECTRICAL
SCALE: 3/16" = 1'-0"
SHEET#

A5

1
RESIDENTIAL SPECIFICATIONS
GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR SHALL SUPPLY, LOCATE AND BUILD INTO THE WORK ALL INSERTS, ANCHORS, ANGLES, PLATES, OPENINGS, SLEEVES, HANGERS, SLAB DEPRESSIONS AND FITCHES AS MAY BE REQUIRED TO ATTACH AND ACCOMMODATE OTHER WORK.
3. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUCTED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE IN THE WORK EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
4. SUBSURFACE SOIL CONDITION INFORMATION IS NOT AVAILABLE. FOUNDATIONS ARE DESIGNED FOR A SOIL BEARING CAPACITY OF 2,000 PSF. THE CONTRACTOR SHALL REPORT ANY DIFFERING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
5. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATION AND HOUSE PLANS, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
6. ALL SPECIFIED FASTENERS MAY ONLY BE SUBSTITUTED IF APPROVED BY THE ENGINEER IN WRITING. THE INSTALLATION OF THE FASTENERS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. SIMPSON FASTENERS SPECIFIED MAY BE SUBSTITUTED WITH THE SAME QUANTITY AND EQUIVALENT STRENGTH PRODUCT.
7. TREATED WOOD REQUIREMENTS- ALL WOOD EXPOSED TO WEATHER SHALL BE PROTECTED, PRESSURE TREATED, OR NATURALLY RESISTANT TO DECAY. ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, OR PRESSURE TREATED.
8. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, OR TIE DOWNS.
9. CEILING DRYWALL INSTALLED WITHIN THE HOUSE TO TRUSSES SPACED 24" O.C. SHALL BE 5/8" DRYWALL OR 1/2" S&G RESISTANT PER SEC. 702.3.5
10. LANAI CEILINGS & COVERED ENTRY CEILINGS 1X4 STRIPPING @ 16" O.C. FASTENED WITH 8d NAILS TO EACH TRUSS. 5/8" EXTERIOR GYPSOBOARD CEILING FASTENED WITH 8d NAILS OR 1-5/8" DRYWALL SCREWS @ 6" ON EDGE AND FIELD.

- 2
DOOR AND WINDOW ANCHORAGE
- ANCHORAGE REQUIREMENTS- ALL PASS AND SLIDING GLASS DOORS AND ALL WINDOW ASSEMBLIES SHALL BE ANCHORED TO THE MAIN WIND FORCE RESISTING SYSTEM IN A MANNER SPECIFIED BY THE PUBLISHED MANUFACTURERS LITERATURE. THERE SHALL BE NO SUBSTITUTION OF ALTERNATE FASTENINGS UNLESS PROVIDED BY THE MANUFACTURER AND APPROVED BY THE BUILDING DESIGN ENGINEER.
- MASONRY OPENING- WHERE WINDOW FRAME IS DESIGNED TO FASTEN WITH SCREWS THROUGH THE FRAME AND INTO THE MASONRY, THE BUCK MATERIAL IS SIMPLY A SPACER. THE BUCK MAY BE FASTENED WITH 1 NAIL OR ANY SUITABLE FASTENER TO TACK IT INTO POSITION PRIOR TO WINDOW INSTALLATION. FASTEN WINDOW FRAME PER MFR INSTRUCTIONS. A WINDOW FASTENER SHALL PENETRATE MASONRY BY 2 1/4" MIN.
- WHERE WINDOW FRAME IS DESIGNED TO FASTEN ONLY TO THE WOOD BUCK (E. FLANKED FRAME WITH WOOD SCREWS) THE BUCKS SHALL BE 2X WOOD WITH STRUCTURAL FASTENING TO THE MASONRY WITH 1/4X 3 3/4 MASONRY SCREWS @ 24" O.C. AND 6" FROM EACH END.
- WOOD FRAMED OPENING- ALL DOORS AND WINDOWS SHALL BE INSTALLED ACCORDING TO THE PUBLISHED MANUFACTURERS LITERATURE OF THE ASSEMBLY BEING INSTALLED TO THE ROUGH SUBSTRATE OPENING. SHIMS SHALL BE MADE OF MATERIALS CAPABLE OF RESISTING THE APPLIED LOADS AND SHALL BE LOCATED NEAR EACH FRAME FASTENER TO MINIMIZE DISTORTION OF THE FRAME AS THE FASTENERS ARE TIGHTENED.

- 3
GENERAL ROOF ASSEMBLY
- ROOF SHEATHING SHALL BE APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 OR BETTER. INSTALL PANELS WITH LONG DIMENSION PLACED PERPENDICULAR TO TRUSSES. A 1/8" SPACE BETWEEN ADJACENT SHEETS SHALL BE MAINTAINED. INSTALL 1/4" CLIPS AT UNSUPPORTED PANEL EDGES. THE ROOF SHEATHING SHALL BE Nailed WITH 8d RING SHANK NAILS @ 6" O.C. EDGE AND FIELD. ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSS WITHOUT SPLITTING. RING SHANK NAILS PER R805.2.3.1 - 0.131" NOMINAL SHANK DIAMETER, RING DIA. OF 0.002" OVER SHANK DIAMETER, 16 TO 20 RINGS PER INCH, 0.285" DIAMETER FULL ROUND HEAD, 2" NAIL LENGTH.
- FLASHING FLASHING SHALL BE ALUMINUM ALUMINUM ZINC COATED STEEL .0178 INCHES THICK, 26 GAUGE AZ50 ALUM. ZINC, OR GALVANIZED STEEL .0178 INCHES THICK, 26 GAUGE ZINC COATED S&G. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM ROOF SHEATHING MANUFACTURERS PUBLISHED REQUIREMENTS. ALL FLASHING AND INSTALLATION SHALL CONFORM TO SECTION R805.2.8 (I) TO (J).
- DRIP EDGE DRIP EDGE SHALL BE PROVIDED AT ALL EAVES AND GABLES OF SHINGLE ROOFS. LAPPED A MINIMUM OF 3" @ JOINTS. THE OUTSIDE EDGE SHALL EXTEND A MINIMUM OF 1/2" BELOW SHEATHING AND THE INSIDE EDGE SHALL EXTEND BACK A MINIMUM OF 2". DRIP EDGE SHALL BE FASTENED AT NO MORE THAN 4" CENTERS. THERE SHALL BE A MINIMUM OF 4" WIDTH OF ROOF CEMENT INSTALLED OVER THE DRIP EDGE FLANGE.

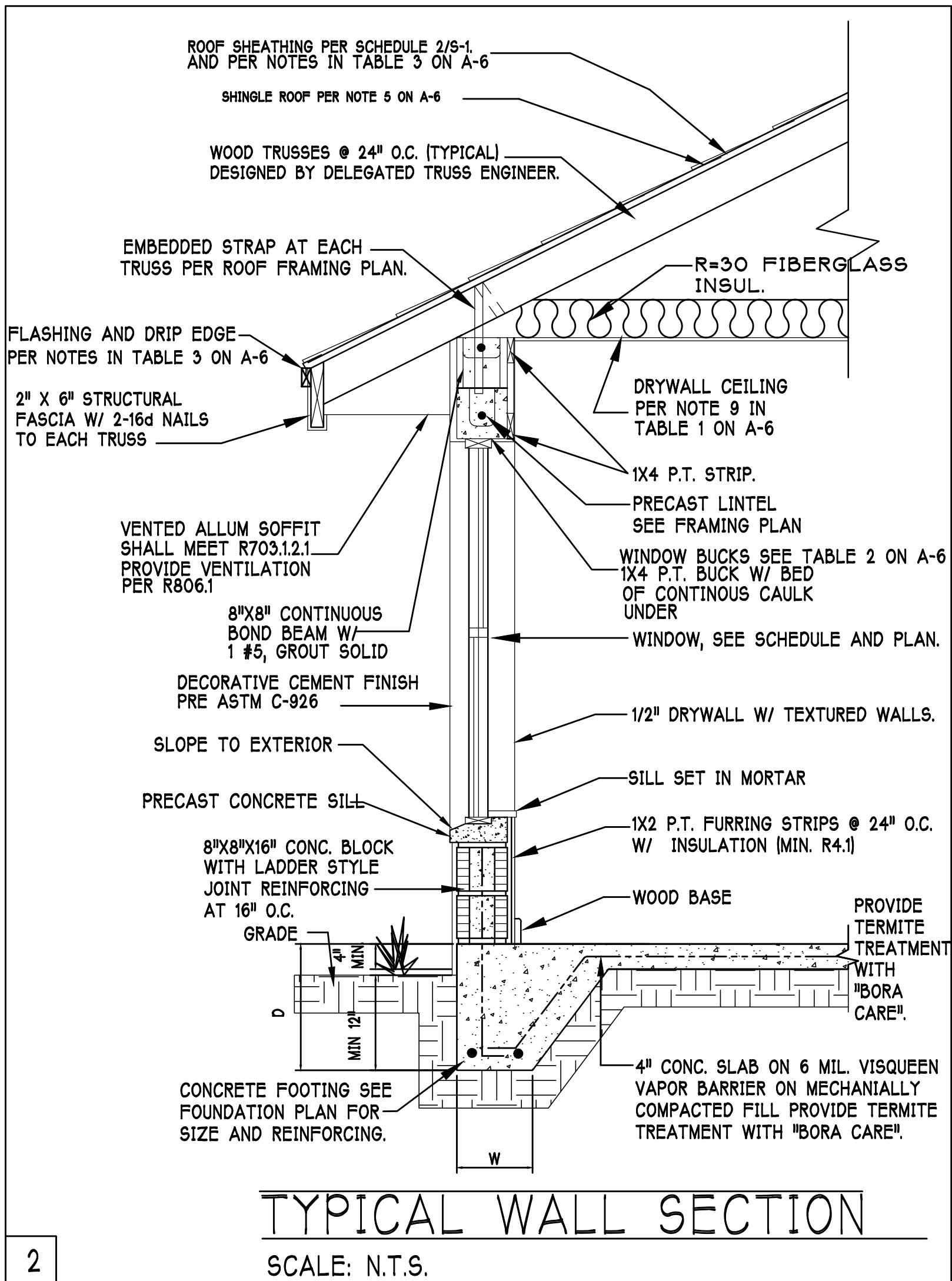
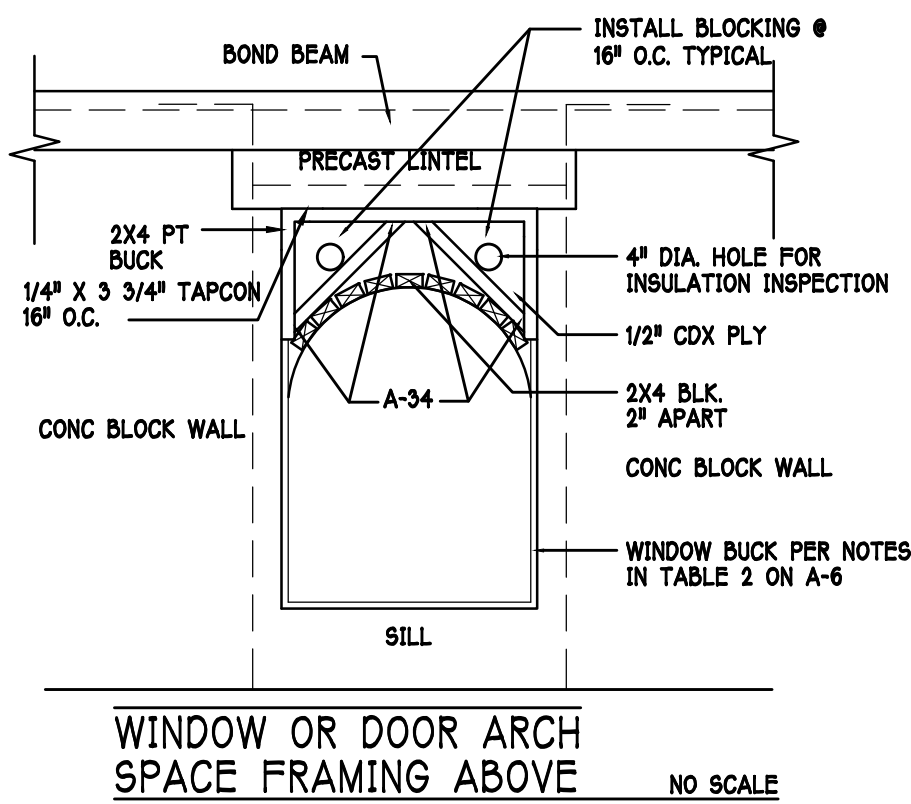
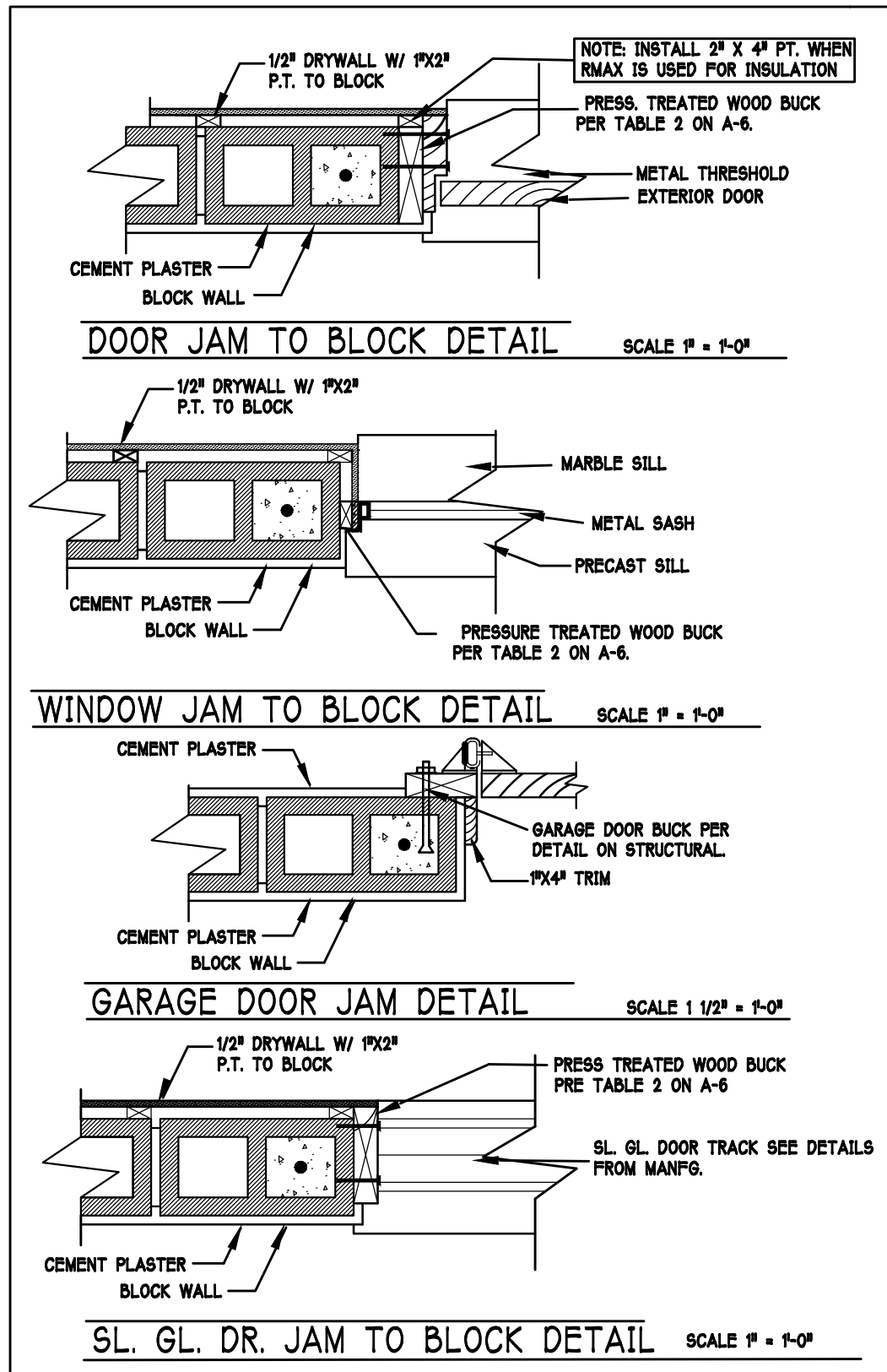
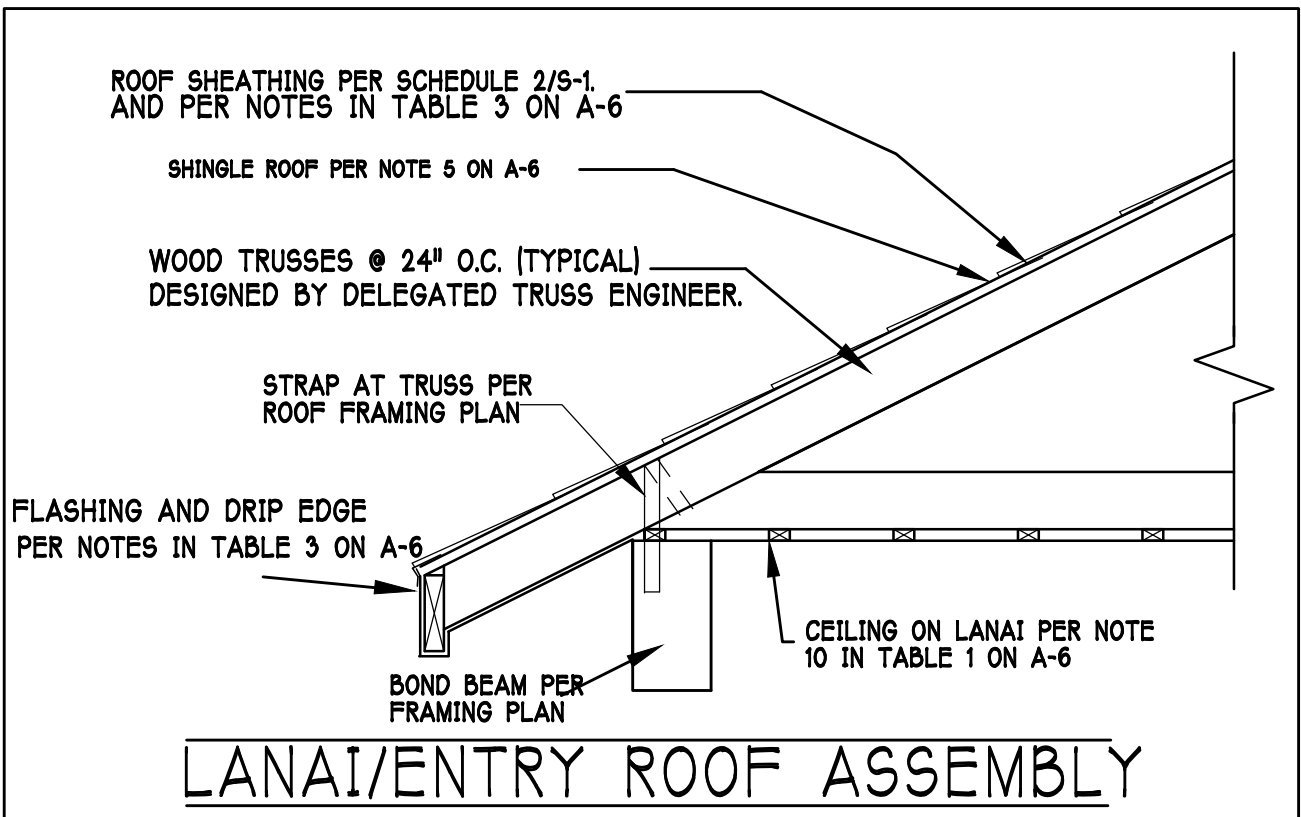
- 4
WOOD FRAMING:
1. ALL WOOD FRAMING SHALL BE FABRICATED AND INSTALLED PER NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.
 2. UNLESS NOTED OTHERWISE THE FOLLOWING MINIMUM GRADES SHALL BE USED:
 - A. INTERIOR BEARING WALLS SPF #2
 - B. RAFTERS, JOISTS, HEADERS AND BEAMS SYP #2, EXTERIOR BEARING WALLS.
 3. TREATED WOOD REQUIREMENTS- ALL WOOD EXPOSED TO WEATHER SHALL BE PROTECTED, PRESSURE TREATED, OR NATURALLY RESISTANT TO DECAY. ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, PRESSURE TREATED.
 4. CONTRACTOR SHALL PROVIDE ALL FASTENING DEVICES AS SHOWN ON THE DRAWINGS AND AS NECESSARY AND SUITED FOR EACH APPLICATION. FASTENING SUBJECT TO MOISTURE SHALL BE HOT DIP GALVANIZED TO ASTM A-153-80, OR STAINLESS STEEL.
 5. ALL METAL CONNECTIONS AND FABRICATIONS SHALL COMPLY WITH AISC SPECIFICATIONS.
 6. SOLID BLOCK ALL JOISTS AND RAFTERS AT POINTS OF SUPPORT.
 7. PREFABRICATED STRUCTURAL TRUSSES SHALL COMPLY WITH NFPA NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION, TPI DESIGN SPECIFICATIONS FOR METAL PLATE WOOD TRUSSES AND ATTIC 100.
 8. ALL TRUSSES SHALL BE DESIGNED AND CERTIFIED BY THE TRUSS MANUFACTURERS STATE OF FLORIDA REGISTERED ENGINEER.
 9. CONTRACTOR SHALL CORRELATE WITH TRUSS MANUFACTURER TO ENSURE THAT ADEQUATE BEARING IS PROVIDED AT END REACTIONS OF ALL GIRDER TRUSSES.
 10. TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS TO THE CONTRACTOR AND DESIGNER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF DIMENSIONS, MATERIALS AND CONDITIONS.
 11. AT VOLUME CEILING CONDITIONS, ALIGN TRUSSES TO PROVIDE A SMOOTH AND UNBROKEN INTERIOR WALL SURFACE FROM FLOOR TO CEILING.
 12. BRACE TRUSSES DURING ERECTION AND AFTER PERMANENT INSTALLATION TO COMPLY WITH TPI BMY-76.
 13. MICRO-LAMS (OR EQUAL PARALAMS, LVL'S, ETC) SHALL BE USED WHERE SPECIFIED ON ENGINEERED PLANS AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ANY EDGES OR ENDS EXPOSED TO THE WEATHER SHALL BE PROTECTED BY THE INSTALLATION OF 26 GA. MIN. GALVANIZED STEEL FLASHING.
 14. SPLICES IN MULTI-BOARD CONTINUOUS BEAMS SHALL BE ALLOWED FOR ONE BOARD ONLY PER SPAN AND ONLY AT THE QUARTER POINT OF THE SPAN, UNLESS SHOWN OTHERWISE.
 15. SPACE FRAMING OF ARCHES UNDER TIE BEAM SHALL BE FILL IN FRAME UNLESS NOTED OR CONSTRUCTED OTHERWISE.

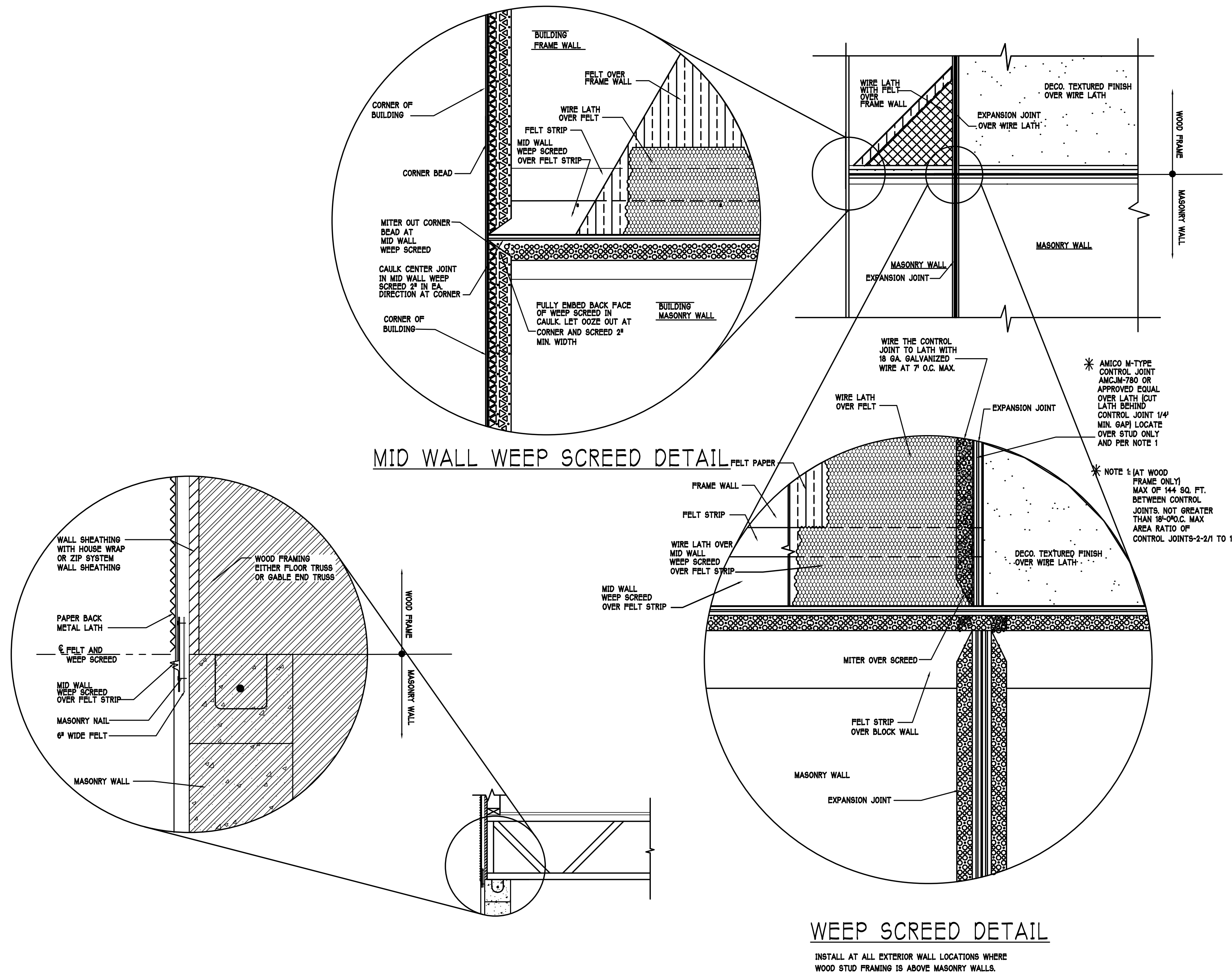
- 5
ASPHALT SHINGLE ROOF SPEC'S
- SHINGLES 15# felt shall be installed under asphalt shingles. All asphalt shingles shall have self sealing strips or be interlocking and comply with ASTM D 225 or D2462, and shall be secured to the roof with no less than 6 fasteners per shingle strip, or a minimum of 2 fasteners per shingle tab. And shall in no case be fastened with less fasteners than that required by the manufacture. Installation shall comply with the manufacture requirements for installation in the given Florida wind zone, as determined by ASTM D 3161.
- FASTENERS Fasteners for asphalt shingles shall comply with ASTM F 1667, and shall be made of galvanized steel, stainless steel or aluminum with a minimum shank size of 12 gauge (0.105 inches) with a minimum 3/8 inch diameter head and shall be of a length to penetrate the sheathing.
- The nail component of plastic cap nails shall meet or exceed the requirements of ASTM A 641, Class 1, or equal, and shall be corrosion resistant by coating electro galvanization, mechanical galvanization, hot dipped galvanization or shall be made of stainless steel, non ferrous metal.

- 6
CLAY AND CONCRETE TILE ROOF SPECS
- INSTALL PEEL AND STICK UNDERLAMENT APPROVED FOR SINGLE LAYER APPLICATION UNDER TILE ROOF. THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF R805.3 F.S.C. MARKING: EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURERS IDENTIFICATION MARK. APPLICATION SPECIFICATIONS: THE TILE MANUFACTURERS WRITTEN APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
 1. TILE PLACEMENT AND SPACING,
 2. ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE,
 - A. AMOUNT AND PLACEMENT OF MORTAR,
 - B. AMOUNT AND PLACEMENT OF ADHESIVE,
 - C. TYPE, NUMBER, SIZE, AND LENGTH OF FASTENERS AND CLIPS,
 3. UNDERLAMENT
 4. SLOPE REQUIREMENT.

- 7
FLOOR SHEATHING AT 2ND FLOOR
- APA RATED STURDI-FLOOR, EXPOSURE 1, TONGUE & GROOVE EDGES SPAN RATING 48/24 OR BETTER, GLUE AND NAIL W/ 10d COMMON @ 6" O.C. EDGE AND FIELD.

- 8
EXTERIOR WALL SHEATHING
- SHALL BE 7/8" THICK ZIP SYSTEM WALL SHEATHING MANUFACTURED BY HUBER ENGINEERED WOODS LLC. INSTALL PANELS WITH A 1/8" GAP BETWEEN EDGES AND FASTEN WITH 8d COMMON NAILS @ 6" O.C. EDGE AND FIELD. IF PANELS ARE INSTALLED HORIZONTALLY, BLOCKING SHALL BE INSTALLED BEHIND PANEL JOINTS. ALL SEAMS IN THE SHEATHING SHALL BE SEALED WITH THE ZIP SYSTEM SELF ADHERING SEAM TAPE USING THE ZIP SYSTEM APPLICATOR GUN. THE USUAL TYVEK HOUSE WRAP IS NOT REQUIRED.





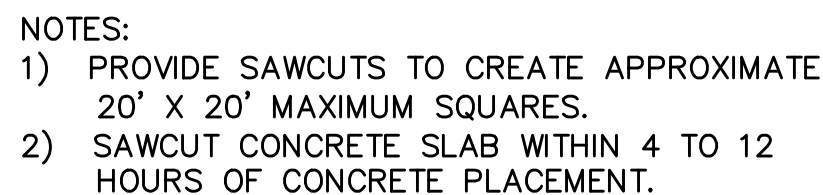


2 NOTE: EXTERIOR CEILINGS AND SOFFITS 1) AND 2) SPECIFIED
HERE MEET THE DESIGN WIND PRESSURES PER R703.1.2.1.

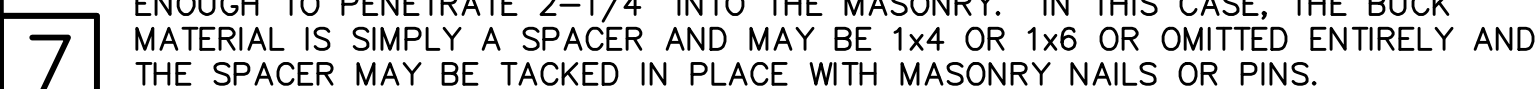
- 1) TABLE MAY BE USED FOR ANY SIZE WINDOW OR DOOR IN EACH TYPE.
- 2) USE "INTERIOR ZONE 4" PRESSURES UNLESS WINDOW OR DOOR IS LOCATED WITHIN THE "END ZONE 5" (SEE DIAGRAM BELOW), THEN USE THE HIGHER PRESSURES UNDER THE "END ZONE 5" COLUMN.
- 3) ALL GLASS / GLAZING SHALL BE IMPACT RATED OR USE IMPACT RATED SHUTTERS.
- 4) SUBMIT PRODUCT APPROVALS TO THE BUILDING DEPARTMENT AS REQUIRED BY THE LOCAL JURISDICTION.
- 5) MANUFACTURED SOFFIT PRODUCTS SHALL BE INSTALLED PER MFR ENGINEERING SPEC SHEETS.



- SPLICES IN REINFORCING, SHALL BE 40 BAR DIAMETERS. NON-CONTACT LAP SPLICES MAY BE USED PROVIDED REINFORCING IS NOT SPACED MORE THAN 5" APART FOR #5 BARS.
- FORMWORK AND SHORING SHALL REMAIN IN PLACE UNTIL CONCRETE HAS REACHED AT LEAST 2/3 OF THE REQUIRED 28 DAY STRENGTH.
4. REINFORCED MASONRY:
DESIGN PER ACI 530-13
REQUIRED COMPRESSIVE STRENGTHS:
MASONRY WALLS $f_m = 1500$ PSI



- ## 5 SLAB SAWCUT DETAIL



4. DELEGATED--ENGINEERED WOOD ROOF & FLOOR TRUSSES: ALL WOOD ROOF AND FLOOR TRUSSES SHALL BE DESIGNED BY A DELEGATED TRUSS ENGINEER PER RULE 61G15-1.000(3) OF THE FLORIDA ADMINISTRATIVE CODE. SHOP DRAWINGS HAVE TEMPORARY BRACING PER "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES, HB-9-01" FOR OTHER BRACING REQUIREMENTS, NOTIFY ENGINEER TO PROVIDE PERMANENT BRACING FOR TRUSS MFR. SHOP DRAWINGS. IF PERMANENT BRACING IS NOT SPECIFIED, CONTACT ENGINEER.
6. FOUNDATION:

CONVENTIONAL, SHALLOW CONCRETE FOOTINGS
SOIL BEARING CAPACITY: 2000 PSF

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL CONDITIONS FOR THE INTENDED STRUCTURE, AND ASSURE SOIL CONDITIONS ARE CAPABLE OF SUPPORTING IT. IT IS RECOMMENDED THAT A GEOTECHNICAL FIRM BE HIRED TO PERFORM A SITE EVALUATION.
7. DIMENSIONS: VERIFY ALL DIMENSIONS WITH HOUSE PLANS. SEE HOUSE PLANS, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC. WHICH ARE NOT SHOWN ON STRUCTURAL DRAWINGS.
8. MEANS AND METHODS: THE STRUCTURAL ENGINEER SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, OR SEQUENCES TEMPORARY BRACING, SHORING, GUYING OR OTHER MEANS TO SUPPORT STRUCTURAL ELEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, OR ANY OTHER PERSONS PERFORMING THE WORK OR FOR THE FAILURE OF ANY OF THEM TO CONSTRUCT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
9. SHOP DRAWINGS: SHOP DRAWINGS SHALL BE PREPARED AND SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. ALL STRUCTURAL ELEMENTS UTILIZING PREFABRICATED COMPONENTS, ONE SET OF SIGNED & SEALED TRUSS ENGINEERING SHALL BE SUBMITTED TO THE ENGINEER FOR RECORD FOR THE STRUCTURE UNDER FLORIDA ADMINISTRATIVE CODE 61G15-1.000(3) AND 61G15-1.000(4).

NOTES:

- 1) WHERE EMBEDDED STRAP IS MISSING OR MIS-LOCATED, PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE.
- 2) CONNECTORS ARE USP. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH USP PRINTED INSTRUCTIONS.
- 3) CONCRETE SCREW SHALL BE WEDGE-BOLT+, TITEN, TAPCON OR EQUIVALENT.



At Exterior Stud Walls and Gable Ends with Wall Sheathing, apply plaster over metal lath over water resistive barrier as follows:

Plaster R703.7.2: 3-coat 7/8" thick portland cement based plaster per ASTM C926.

Metal Lath R703.7.1: Self furring paper backed 2.5lb diamond mesh metal lath per ASTM C847, G60 galvanized, fastened per ASTM C1063 with 1-1/2" long, 11 gage nails with 7/16" head (roofing nails) at 7" oc, or 1-1/2" long, 16 gage staples at 6" oc, into the framing members (ie, the nails or staples must align with and penetrate 3/4" into the framing studs).

Water Resistive Barrier (WRB) R703.7.3: Water-resistive vapor-permeable barrier with a performance at least equivalent to 2 layers of Grade D paper. The individual layers shall be installed independently. An approved house wrap may be used for the 1st layer and metal lath with approved paper backing may be the 2nd layer (Note: ZIP wall sheathing with seam tape qualifies as the first layer).

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STRUCTURAL ENGINEERING:
**STRUCTURAL
SYSTEMS**
OF NORTH FLORIDA

1634 S.E. 47th STREET, SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554
CA# 8829

DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 6th EDITION (2017) RESIDENTIAL

BUILDER:

**STRUCTURAL DETAILS FOR
1519 SIGNATURE VILLA**
19500, 19506 GALLEON POINT DRIVE
LEHIGH ACRES, FLORIDA
LOTS: 158, 159 SUBDIVISION: MARBLEBROOK

19500, 19506 GALLEON POINT DRIVE
LEHIGH ACRES, FLORIDA
LOTS: 158, 159 SUBDIVISION: MARBLEBROOK

DESIGN/DRAWN
DWB/DWB
CHECKED
DWB
DATE
02/01/19
SCALE
AS NOTED
JOB NO.
DR10752
SHEET

S-1

SHEET 1 OF 3

FOR SCOSTA TRUSSES, JOB # 44150, DATED 10/15/15, REVISED: 06/26/17

FOR SCOSTA TRIUBSES IOB # 44150 DATED 10/15/15 REVISED: 06/26/17

REVISIONS	BY

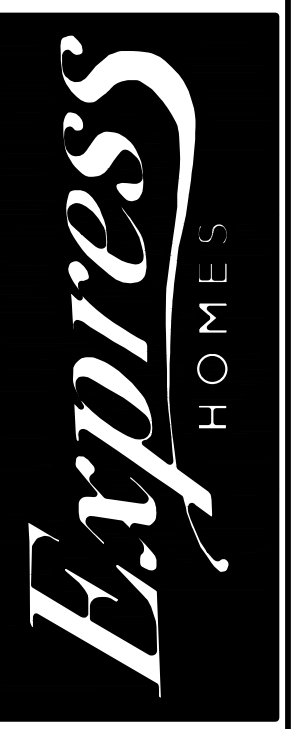
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DWB/DWB

CHECKED
DWB

DATE
02/01/19

SCALE
AS NOTED

JOB NO.
DR10752

SHEET

S-3

SHEET 3 OF 3

2x4 PT BLOCKING, FASTEN w/ 10d CASE HARDENED NAILS @ 8" O.C.

ROOF SHEATHING SHALL BE FIRE RETARDANT TREATED PLYWOOD WITHIN 4'-0" OF EACH SIDE OF DIVIDING WALL PER FBC 706.4.1.1

CONCRETE RAKE BEAM, 8" MINIMUM DEPTH w/ 1#5 CONTINUOUS

TRUSS PROFILES VARY, SEE PLAN

ROOF TRUSSES @ 24" O.C.

#5 IN GROUTED CELL @ 7'-4" O.C. AT INTERIOR (48" O.C. EXTERIOR)

1-MTW16 FROM TRUSS TO LEDGER

8" MASONRY BOND BEAM w/ 1#5

8'-8"

DRYWALL CEILING

8" MASONRY

LADDER STYLE JOINT REINFORCING @ 16" O.C.

NO PENETRATIONS IN FIREWALL

#5 IN GROUTED CELL @ 7'-4" O.C. AT INTERIOR (48" O.C. EXTERIOR)

#5 DOWEL @ 7'-4" O.C., LAP 25"

4" CONCRETE SLAB

FOOTING AS NOTED ON FOUNDATION PLAN

2x8 PT LEDGER FASTENED WITH ONE 5/8"x8" TITEN HD @ 24" O.C. ADD SECOND 5/8"x8" TITEN HD @ 48" O.C. (WASHER NOT REQUIRED)

NAIL ROOF SHEATHING TO BLOCKING w/ 8d RING SHANK @ 6" O.C.

TOP OF WALL VARIES FROM PEAK TOP TO FLAT TOP OR SLANT TOP IN ORDER TO MATCH ROOF TRUSSES, SEE APPROPRIATE DETAIL ON S-2

1

2 HOUR FIREWALL AT GARAGE

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

2x4 PT BLOCKING, FASTEN w/ 10d CASE HARDENED NAILS @ 8" O.C.

ROOF SHEATHING SHALL BE FIRE RETARDANT TREATED PLYWOOD WITHIN 4'-0" OF EACH SIDE OF DIVIDING WALL PER FBC 706.4.1.1

CONCRETE RAKE BEAM, 8" MINIMUM DEPTH w/ 1#5 CONTINUOUS

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NO PENETRATIONS IN FIREWALL

#5 IN GROUTED CELL @ 7'-4" O.C. AT INTERIOR (48" O.C. EXTERIOR)

#5 DOWEL @ 7'-4" O.C., LAP 25"

4" CONCRETE SLAB

FOOTING AS NOTED ON FOUNDATION PLAN

DOUBLE TOP PLATE w/ SPTH4 OR SPTH6 @ 16" OC

2x4 OR 2x6 SPF #2 @ 16" O.C.

2x4 OR 2x6 PT SILL PLATE w/ SPTH4 OR SPTH6 @ 16" OC AND 1/2"x6" EXP BOLTS @ 32" OC w/ 2" WASHER

NAIL ROOF SHEATHING TO BLOCKING w/ 8d RING SHANK @ 6" O.C.

TOP OF WALL VARIES FROM PEAK TOP TO FLAT TOP OR SLANT TOP IN ORDER TO MATCH ROOF TRUSSES, SEE APPROPRIATE DETAIL ON S-2

2

2 HOUR FIREWALL AT LIVING AREA

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

FOR SCOSTA TRUSSES, JOB # 44150, DATED 10/15/15, REVISED: 06/26/17