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- a3.2 Detached Garage Wall Sections
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SITE WILL COMPLY WITH IRRIGATION REQUIREMENTS OF

ST. AUGUSTINE TURF 40% (MAX. OF 50%) OF THE PERMEABLE

AREA OF THE LOT

BAHIA TURF IS 60% THE PERMEABLE

AREA OF THE LOT

ALL REQUIRED YARDS NOT ABUTTING STREETS SHALL BE MAINTAINED AS PERMEABLE LANDSCAPED VEGETATIVE GREEN SPACE WITH THE EXCEPTION OF DRIVEWAYS, WALKS, PATIOS AND SIMILAR PAVED AREAS AND NON-ORGANIC MULCH AREAS

NOTE:
PERMEABLE PORTIONS WITHIN THE ADJOINING
RIGHTS-OF-WAY SHALL BE MAINTAINED IN ACCORDANCE
WITH AN APPROVED STREETSCAPE PLAN OR, WHERE AN
APPROVED STREETSCAPE PLAN DOES NOT EXIST, WITH
AN HERBACEOUS LAYER OF SOD OR GROUND COVER
PLANT MATERIAL. WHERE LANDSCAPING MATERIAL IS
USED IN THE RIGHT-OF-WAY WITHIN FOUR FEET OF THE
CURB OR ROAD EDGE AND THERE IS NO APPROVED
LANDSCAPE PLAN, THE LANDSCAPING MATERIALS,
EXCLUDING SOD, SHALL NOT EXCEED 24 INCHES IN
HEIGHT ABOVE THE TOP OF THE ADJACENT CURB, OR IF
THERE IS NO CURB, THE ROAD BED, PROVIDED THAT THE
LANDSCAPING MATERIAL DOES NOT RESULT IN A HAZARD OR
IMPAIRMENT TO PUBLIC VEHICULAR OR PEDESTRIAN TRAFFIC
OR VIOLATE THE VISIBILITY AT INTERSECTION SECTION.

PERMEABLE PORTIONS OF PRIVATE PROPERTY INCLUDING REQUIRED YARDS SHALL BE MAINTAINED WITH AN HERBACEOUS LAYER OF SOD OR GROUND COVER PLANT MATERIAL. INSTALLATION OF ST. AUGUSTINE SOD TURF AT A PROPERTY WITH A NEW STRUCTURE WHICH RECEIVES CONSTRUCTION PERMITS IS LIMITED TO A MAXIMUM OF 50 PERCENT OF THE PERMEABLE AREA OF THE LOT.

ARCHITECT CERTIFIES, TO THE BEST OF HIS KNOWLEDGE, THAT ALL PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

DO NOT SCALE DRAWINGS. USE DIMENSIONS SHOWN ON THE DOCUMENTS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE. NOTIFY THE ARCHITECT REGARDING ANY DISCREPANCIES.

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Lic. # AR 0017335 2600 Dr. MLK Jr. Street N (p) 727-323-5676

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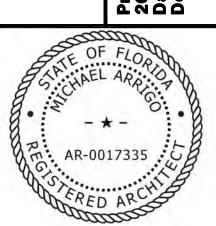
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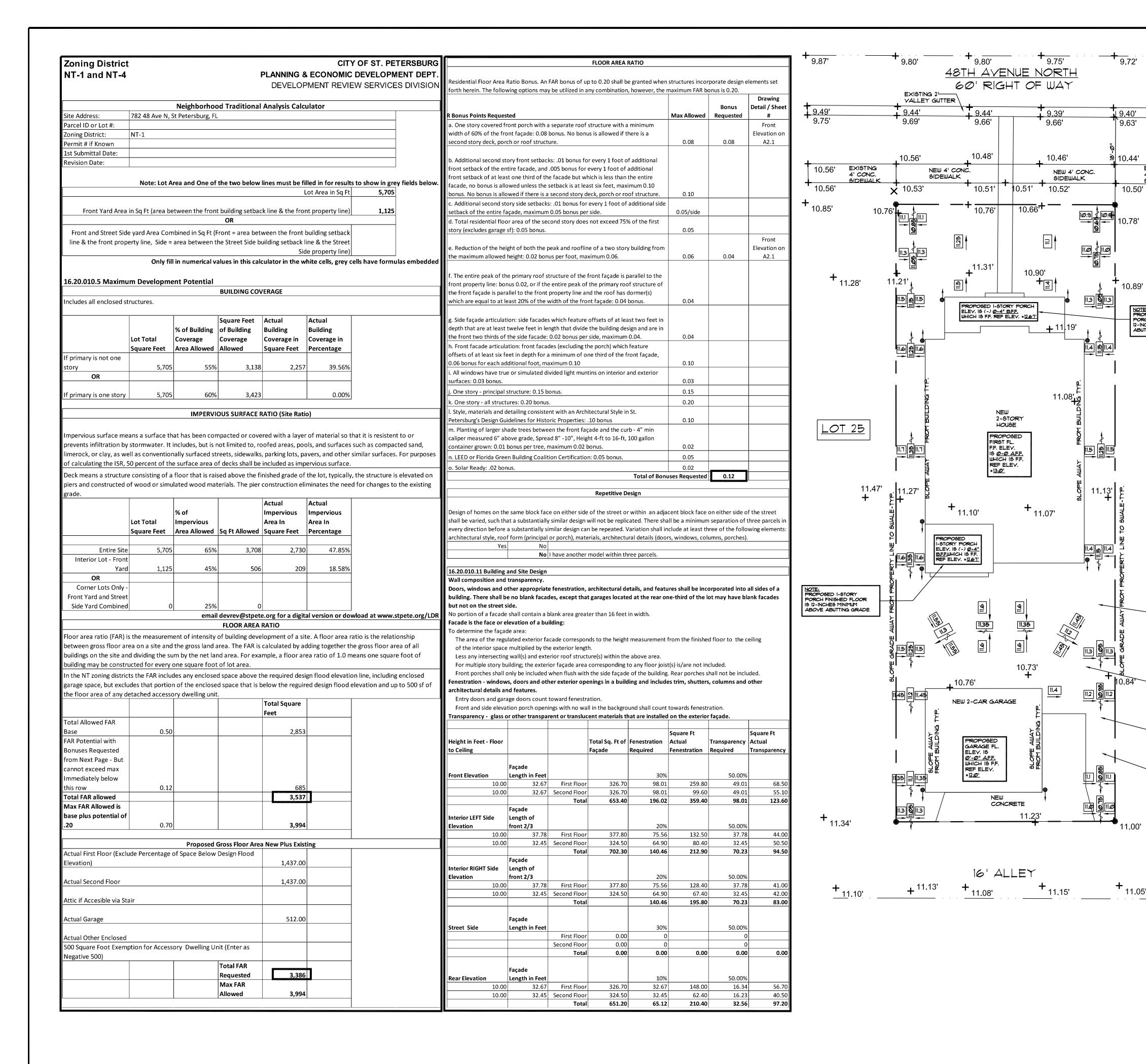
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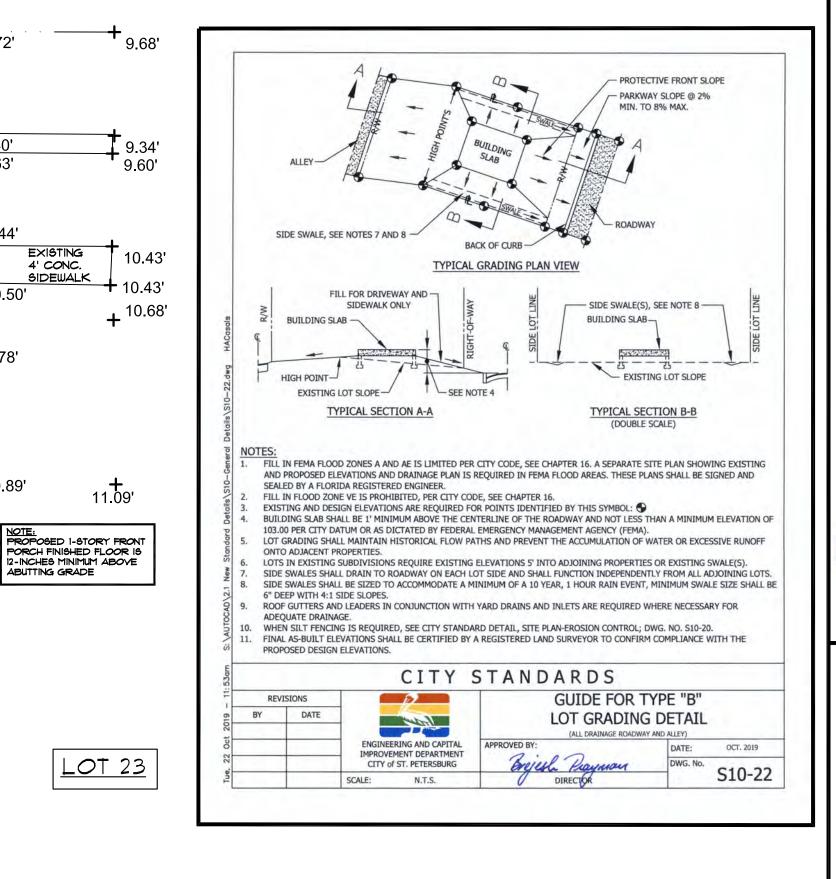
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MICHAEL ARRIGO LIC. NO. AROO17335

sp1.1





4' CONC.

SIDEWALK

<u>CITY STANDARDS FOR DRAINAGE:</u>

SLEEVE AND CRASHES ROCK, ETC.)

<u>NOTE:</u> DRAINAGE PLAN IS "B"

PER ST. PETE GRADING

DETAIL SIØ-22 (SEE THIS

DOWNSPOUTS LOCATIONS.

SHEET FOR DETAIL)

+ 11.09'

DRAINAGE SWALES ARE REQUIRED TO BE 6" (INCHES) DEEP,

3" (INCHES) DEEP WITH THE ADDITION OF AN ADS SYSTEMS

WITH SIDE RATION OF 4:1. SIZE OF SWALE MAY BE REDUCED TO

(GUTTERS, DOWNSPOUTS, OR UNDERGROUND PERFORATED BY

WHEN MIDDLE OF SWALE IS NOT 6" DEEP BUT MORE THAN 3"

DEEP THROUGHOUT THE SWALE, GUTTERS AND DOWNSPOUTS ARE REQUIRED. THEY NEED TO DISCHARGE TO THE ROW AND NOT SWALES (MUNICODE 16.40.030)

PROVIDE GUTTERS AND DOWNSPOUTS ON ALL SIDES OF EACH ROOF, DOWNSPOUTS MUST POINTING TO RIGHT OF WAY (NOTE * 9 DETAIL SIO-22 (SEE THIS SHEET), SEE SITE DRAINAGE PLAN FOR

NOTE:
PROPOSED DRAINAGE PLAN WILL ACCOMMODATE A 10 YEAR,
1 HOUR, 4.5" RAIN EVENT PER ST.PETE ORDINANCE, CH.8, SEC.

ELEVATION KEY

3.15

OWER/

DO NOT SCALE DRAWINGS. USE DIMENSIONS SHOWN ON THE DOCUMENTS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE. NOTIFY THE ARCHITECT REGARDING ANY

BOTTOM OF SWALE

DOWNSPOUT (ARROW REPRESENT

DIRECTION OF DRAINAGE): EXISTING ELEVATIONS:

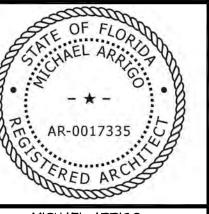
PROPOSED ELEVATIONS:

DISCREPANCIES.

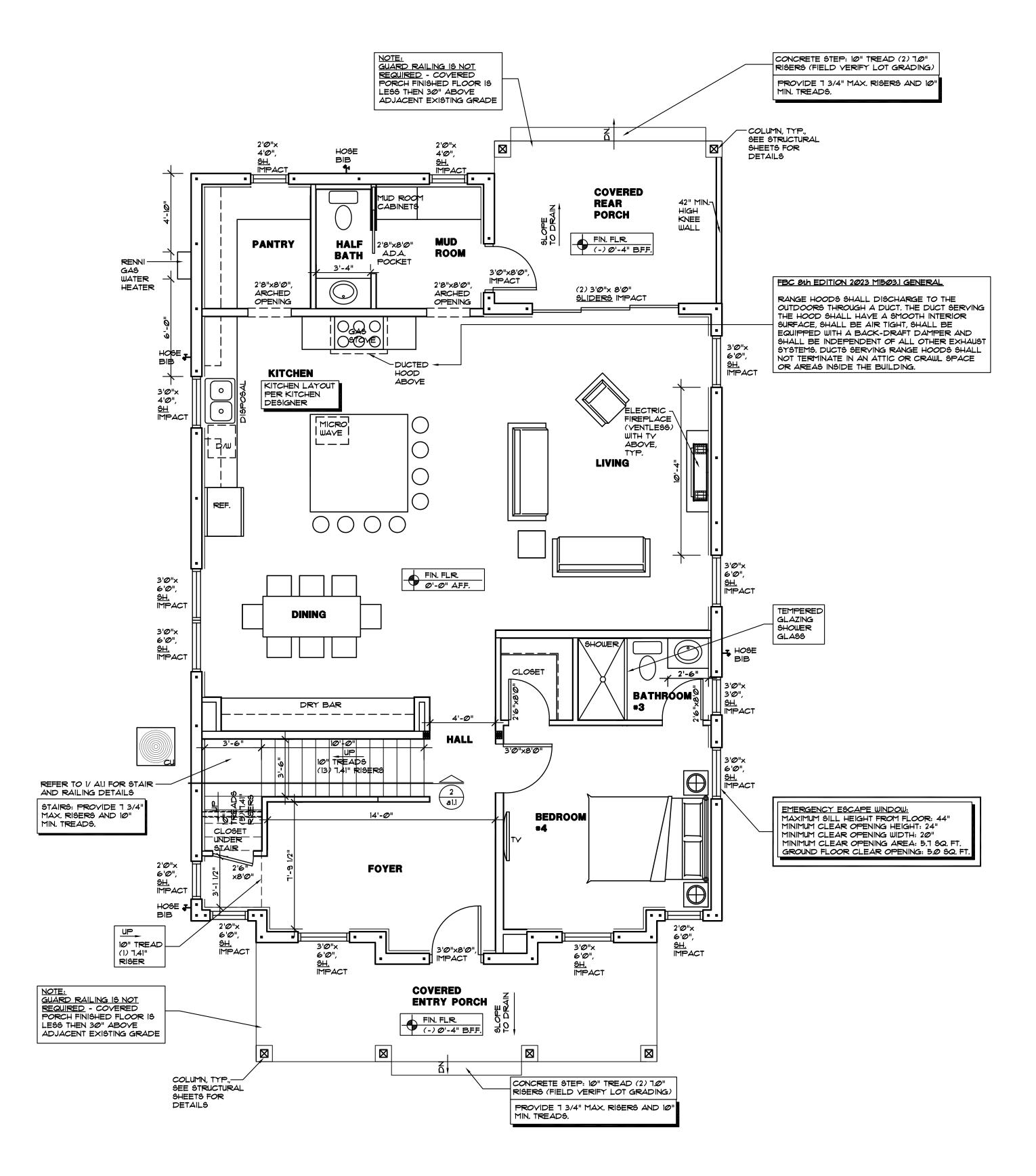
SWALE DIAGRAM, TYP: TOP OF

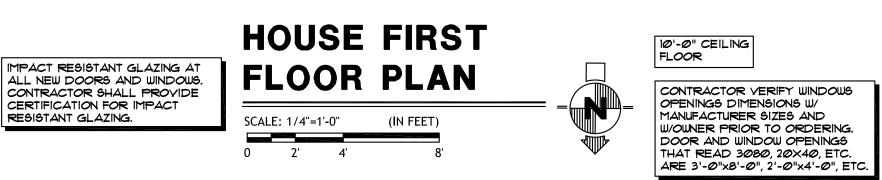
8-169(b)(5) AND GRADING DETAIL SIØ-22 (SEE THIS SHEET)

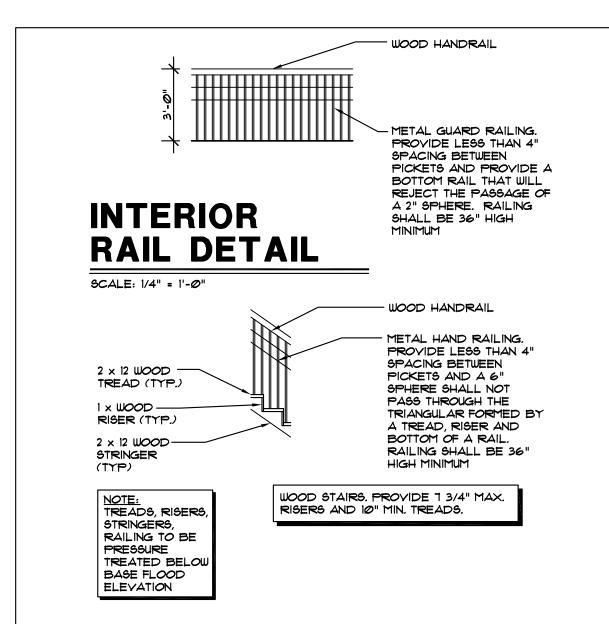
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MICHAEL ARRIGO LIC. NO. AROO17335







INTERIOR STAIR SECTION 9CALE: 3/4" = 1'-0"

FBC 8TH EDITION (2023) R311.7.5 STAIR TREADS AND RISERS

STAIR TREADS AND RISERS SHALL MEET THE REQUIREMENTS OF THIS SECTION, FOR THE PURPOSES OF THIS SECTION, DIMENSIONS AND DIMENSIONED SURFACES SHALL BE EXCLUSIVE OF CARPETS, RUGS OR RUNNERS.

R311.7.5.1 RISERS

THE RISER HEIGHT SHALL BE NOT MORE THAN 13/4 INCHES (196 MM). THE RISER SHALL BE MEASURED VERTICALLY BETWEEN LEADING EDGES OF THE ADJACENT TREADS. THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH (9.5 MM). RISERS SHALL BE VERTICAL OR SLOPED FROM THE UNDERSIDE OF THE NOSING OF THE TREAD ABOVE AT AN ANGLE NOT MORE THAN 3/0 DEGREES (0.5) RAD) FROM THE VERTICAL. OPEN RISERS ARE PERMITTED PROVIDED THAT THE OPENINGS LOCATED MORE THAN 3/0 INCHES (162 MM), AS MEASURED VERTICALLY, TO THE FLOOR OR GRADE BELOW DO NOT PERMIT THE PASSAGE OF A 4-INCH-DIAMETER (102 MM) SPHERE.

1. THE OPENING BETWEEN ADJACENT TREADS IS NOT LIMITED ON SPIRAL STAIRWAYS.
2. THE RISER HEIGHT OF SPIRAL STAIRWAYS SHALL BE IN ACCORDANCE WITH SECTION R311.7.10.1.

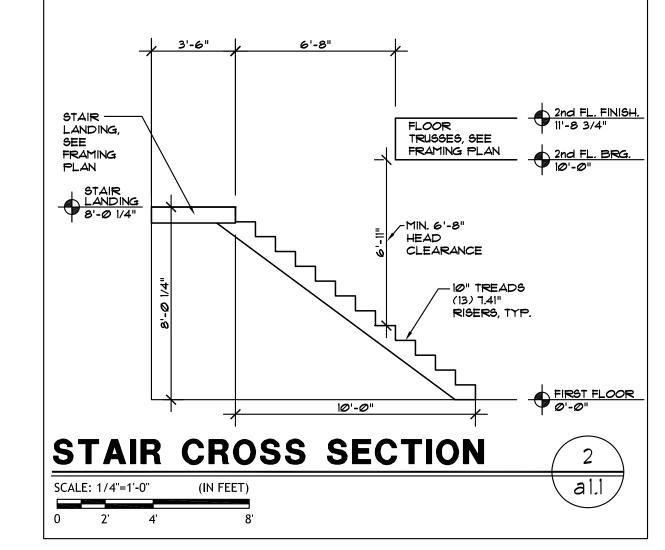
R311.7.5.2 TREADS

THE TREAD DEPTH SHALL BE NOT LESS THAN 10 INCHES (254 MM). THE TREAD DEPTH SHALL BE MEASURED HORIZONTALLY BETWEEN THE VERTICAL PLANES OF THE FOREMOST PROJECTION OF ADJACENT TREADS AND AT A RIGHT ANGLE TO THE TREAD'S LEADING EDGE. THE GREATEST TREAD DEPTH WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH (9.5 MM).

R311.7.5.3 NOSINGS

NOSINGS AT TREADS, LANDINGS AND FLOORS OF STAIRWAYS SHALL HAVE A RADIUS OF CURVATURE AT THE NOSING NOT GREATER THAN 9/16 INCH (14 MM) OR A BEVEL NOT EXCEEDING 1/2 INCH (27.7 MM). A NOSING PROJECTION NOT LESS THAN 3/4 INCH (19 MM) AND NOT MORE THAN 1-1/4 INCHES (32 MM) SHALL BE PROVIDED ON STAIRWAYS. THE GREATEST NOSING PROJECTION SHALL NOT EXCEED THE SMALLEST NOSING PROJECTION BY MORE THAN 3/8 INCH (9.5 MM) WITHIN A STAIRWAY.

EXCEPTION: A NOSING PROJECTION IS NOT REQUIRED WHERE THE TREAD DEPTH IS NOT LESS THAN II INCHES (279 MM).



THE FOLLOWING CONDITIONS
REQUIRE TEMPERED GLAZING:

1. GLAZING IN ALL FIXED AND OPERABLE PANELS OF SWINGING, SLIDING AND BIFOLD DOORS.

2. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24-INCH ARC OF THE DOOR IN A CLOSED POSTION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR OR WALKING SURFACE.

3. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANELS THAT MEETS ALL OF THE FOLLOWING CONDITIONS:

3.1 THE EXPOSED AREA OF AN INDIVIDUAL PANE IS LARGER THAN 9 SQ. FT. AND
3.2 THE BOTTOM EDGE OF THE GLAZING IS LESS THAN IS INCHES ABOVE THE FLOOR AND
3.3 THE TOP EDGE OF THE GLAZING IS MORE THAN 36 INCHED ABOVE THE FLOOR AND
3.4 ONE OR MORE WALKING SURFACES ARE WITHIN 36 INCHES, MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE GLAZING.

4. ALL GLAZING IN RAILINGS REGARDLESS OF AREA OR HEIGHT ABOVE A WALKING SURFACE. INCLUDED ARE STUCTURAL BALUSTER PANELS AND NONSTRUCTURAL INFILL PANELS.

5. GLAZING IN ENCLOSURES FOR OR WALLS FACING HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS AND SHOWERS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE.

6. GLAZING IN WALLS AND FENCES ADJACENT TO INDOOR AND OUTDOOR SWIMMING POOLS, HOT TUBS AND SPAS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE A WALKING SURFACE AND WITHIN 60 INCHES, MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE WATER'S EDGE. THIS SHALL APPLY TO SINGLE GLAZING AND ALL PANES IN MULTIPLE GLAZING.

T. GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS WITHIN 36 INCHES HORIZONTALLY OF A WALKING SURFACE WHEN THE EXPOSED SURFACE WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE.

8. GLAZING ADJACENT TO STAIRWAYS WITHIN 60 INCHES HORIZONTALLY OF THE BOTTOM TREAD OF A STAIRWAY IN ANY DIRECTION WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE NOSE OF THE TREAD.

LEGEND:







GENERAL NOTES

1. CONCRETE TILE BACKER ON ALL SHOWER AND TUB WALLS.

2. YERIFY WINDOW OPENING DIMENSIONS W/ MANUFACTURER SIZES.

ARE 3'-0"x8'-0", 2'-0"x4'-0", ETC.

3. DOOR AND WINDOW OPENINGS THAT READ 3080, 20×40, ETC.

4. COORDINATE ALL APPLIANCE AND PLUMBING FIXTURE OPENINGS WITH CABINETRY.

5. DIMENSIONS SHOWN ON PLANS ARE FROM FACE OF STUDS AND FACE OF MASONRY UNLESS SHOWN OTHERWISE. EXTERIOR WALL DIMENSIONS ARE FROM FACE OF STUD.

6. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH APPLICABLE CODES AND ORDINANCES.

1. FOR ENERGY CODE COMPLIANCE ALL OPERATION MANUALS

I. FOR ENERGY CODE COMPLIANCE ALL OPERATION MANUA SHALL BE FURNISHED TO OWNER

8. ANY "WORK" STARTED OR COMPLETED WITHOUT THE PROPER PERMITS OR INSPECTIONS IS SUBJECT TO REMOVAL. ALL "WORK" IS TO BE EXPOSED AND AVAILABLE FOR VISUAL

BUILDING DATA

THE NEW BUILDING SHALL CONFORM TO THE FOLLOWING APPLICABLE CODES:

FLORIDA BUILDING CODE 8TH EDITION (2023)
FLORIDA BUILDING CODE RESIDENTIAL 8TH EDITION (2023)
FLORIDA MECHANICAL CODE 8TH EDITION (2023)
FLORIDA PLUMBING CODE 8TH EDITION (2023)
FLORIDA FUEL GAS 8TH EDITION (2023)

FLORIDA FUEL GAS STH EDITION (2023)
FLORIDA BUILDING CODE-ENERGY CONSERVATION STH EDITION (2023)
FLORIDA BUILDING CODE-TEST PROTOCOLS FOR HIGH
VELOCITY HURRICANE ZONES STH EDITION (2023)

FLORIDA FIRE PREVENTION CODE 8TH EDITION FLORIDA ACCESSIBILITY CODE 8TH EDITION (2023)

2020 NATIONAL ELECTRIC CODE (NFPA 10)
FLOOD RESISTANT DESIGN & CONSTRUCTION ASCE 24-98
(FBC 101, 102, FBC RES R322)

DESIGN LOADS PER STRUCTURAL DRAWINGS

BUILDING OCCUPANCY: R-3

CONSTRUCTION TYPE: TYPEY-B STUD EXTERIOR BUILDING

UNSPRINKLERED

AREA BREAKDOWN:

AILA BILLAID	7 44 141
HOUSE FIRST FLOOR LIVING A/C AREA:	1,437 SQ. F
HOUSE SECOND FLOOR LIVING A/C AREA:	1,437 SQ. F
TOTAL HOUSE LIVING A/C AREA:	2,874 SQ. F
HOUSE FIRST FLOOR FRONT PORCH:	168 SQ. F
HOUSE FIRST FLOOR REAR PORCH:	140 SQ. F
TOTAL HOUSE PORCHES:	308 SQ. F
TOTAL HOUSE:	3,182 SQ. F
DETACHED GARAGE:	512 SQ. F
OVERALL TOTAL:	3,694 SQ. F

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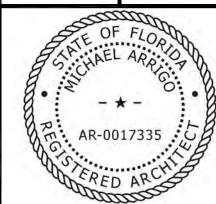
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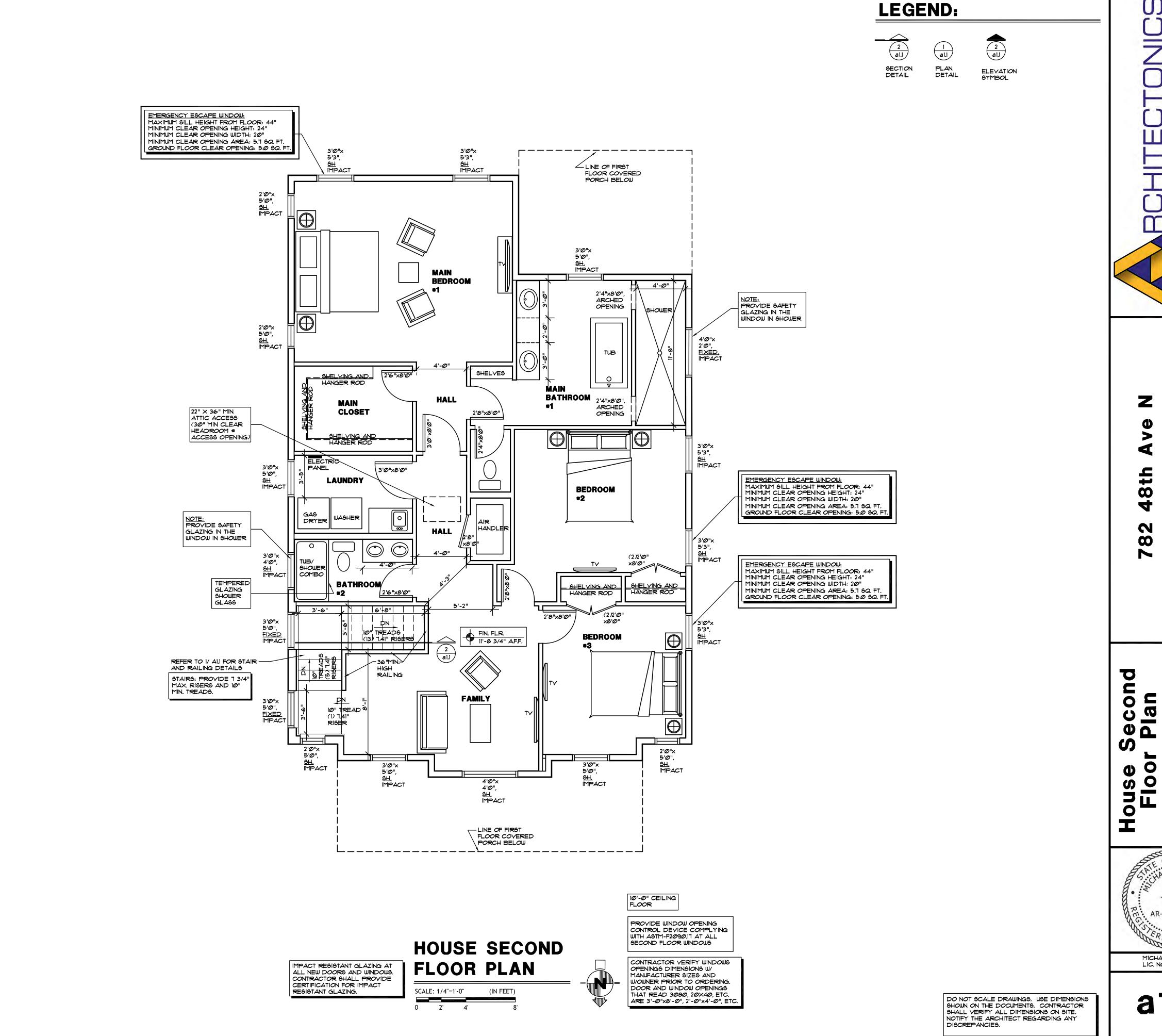
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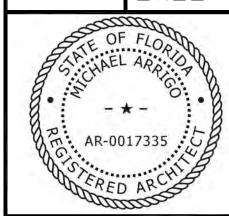
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8th

St.



MICHAEL ARRIGO LIC. NO. AROO11335

a1.2

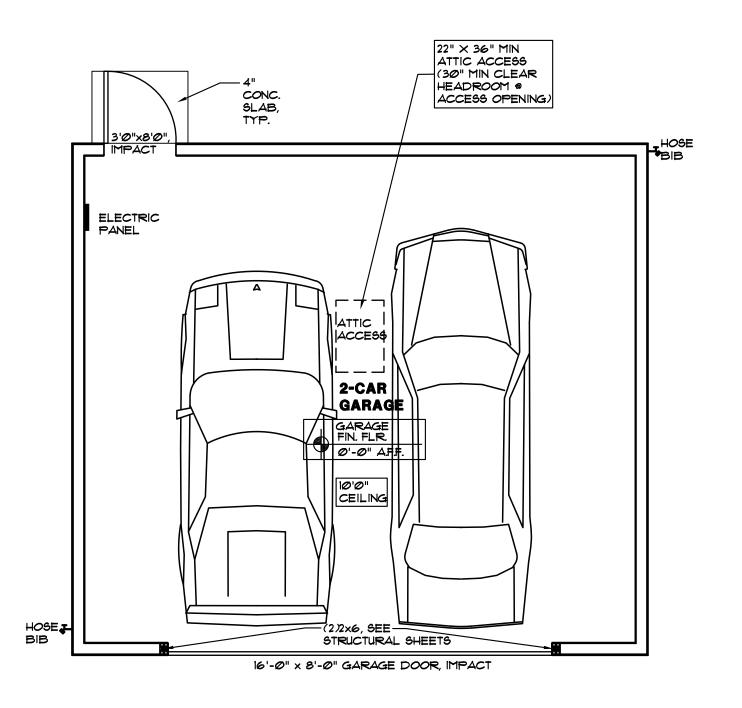
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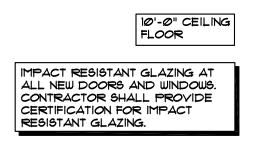






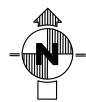
PLAN DETAIL ELEVATION SYMBOL

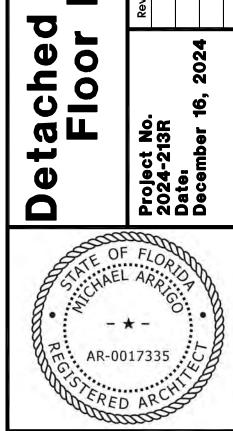






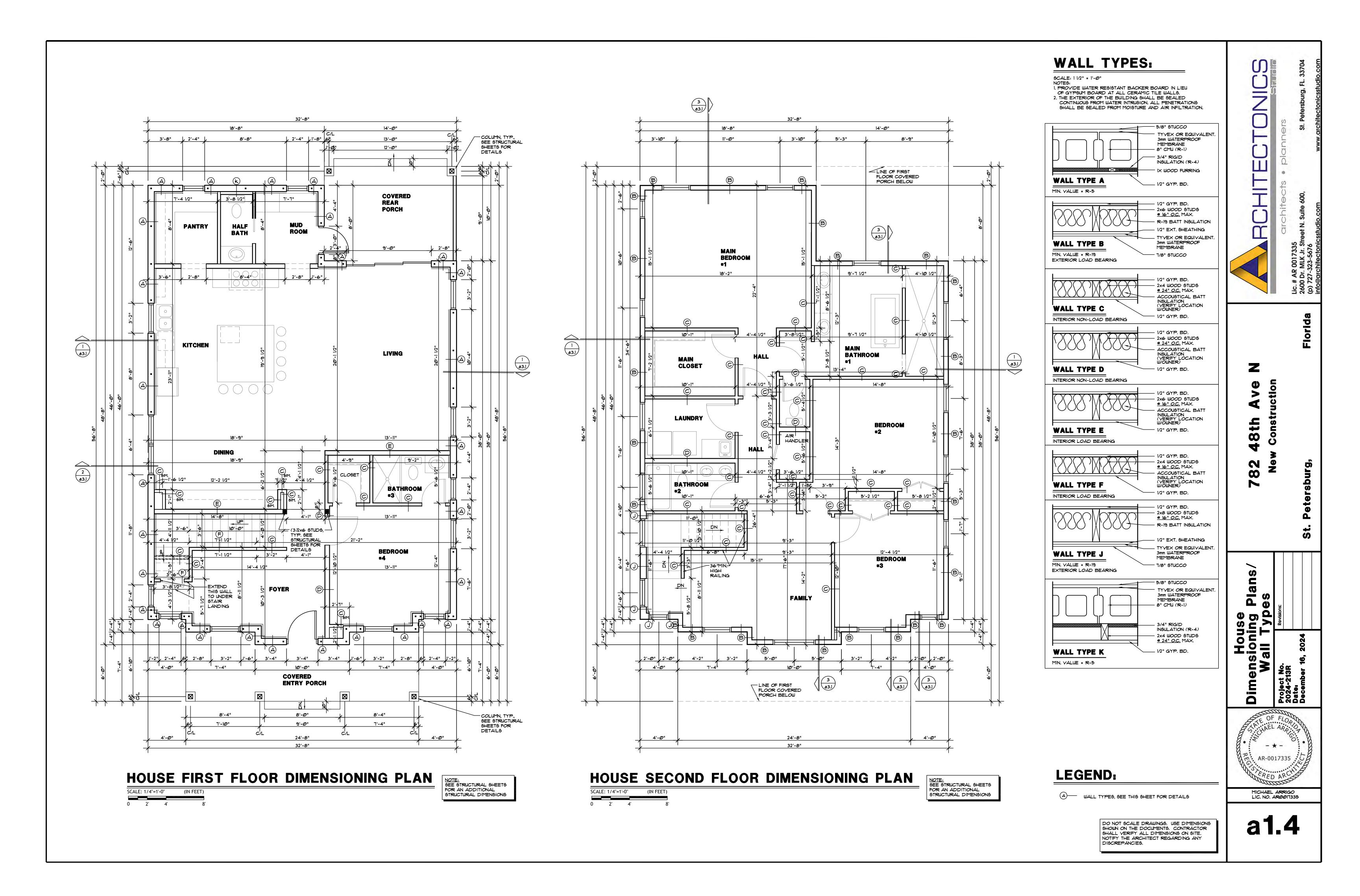
SCALE: 1/4"=1'-0" (IN FEET)
0 2' 4' 8'





MICHAEL ARRIGO LIC. NO. AROOIT335

a1.3



2-CAR GARAGE — (2)2x6 STUDS FOR BEAM— SUPPORT, TYP.

DETACHED GARAGE **DIMENSIONING PLAN**

SCALE: 1/4"=1'-0" (IN FEET)
0 2' 4' 8'

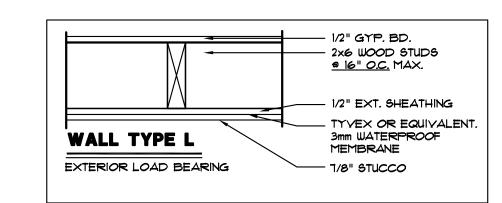
NOTE: SEE STRUCTURAL SHEETS FOR AN ADDITIONAL STRUCTURAL DIMENSIONS

WALL TYPES:

9CALE: 1 1/2" = 1'-0"
NOTES:

1. PROVIDE WATER RESISTANT BACKER BOARD IN LIEU
OF GYPSUM BOARD AT ALL CERAMIC TILE WALLS.

2. THE EXTERIOR OF THE BUILDING SHALL BE SEALED
CONTINUOUS FROM WATER INTRUSION. ALL PENETRATIONS
SHALL BE SEALED FROM MOISTURE AND AIR INFILTRATION.





Detached Garage Dimensioning Plan/ Wall Types

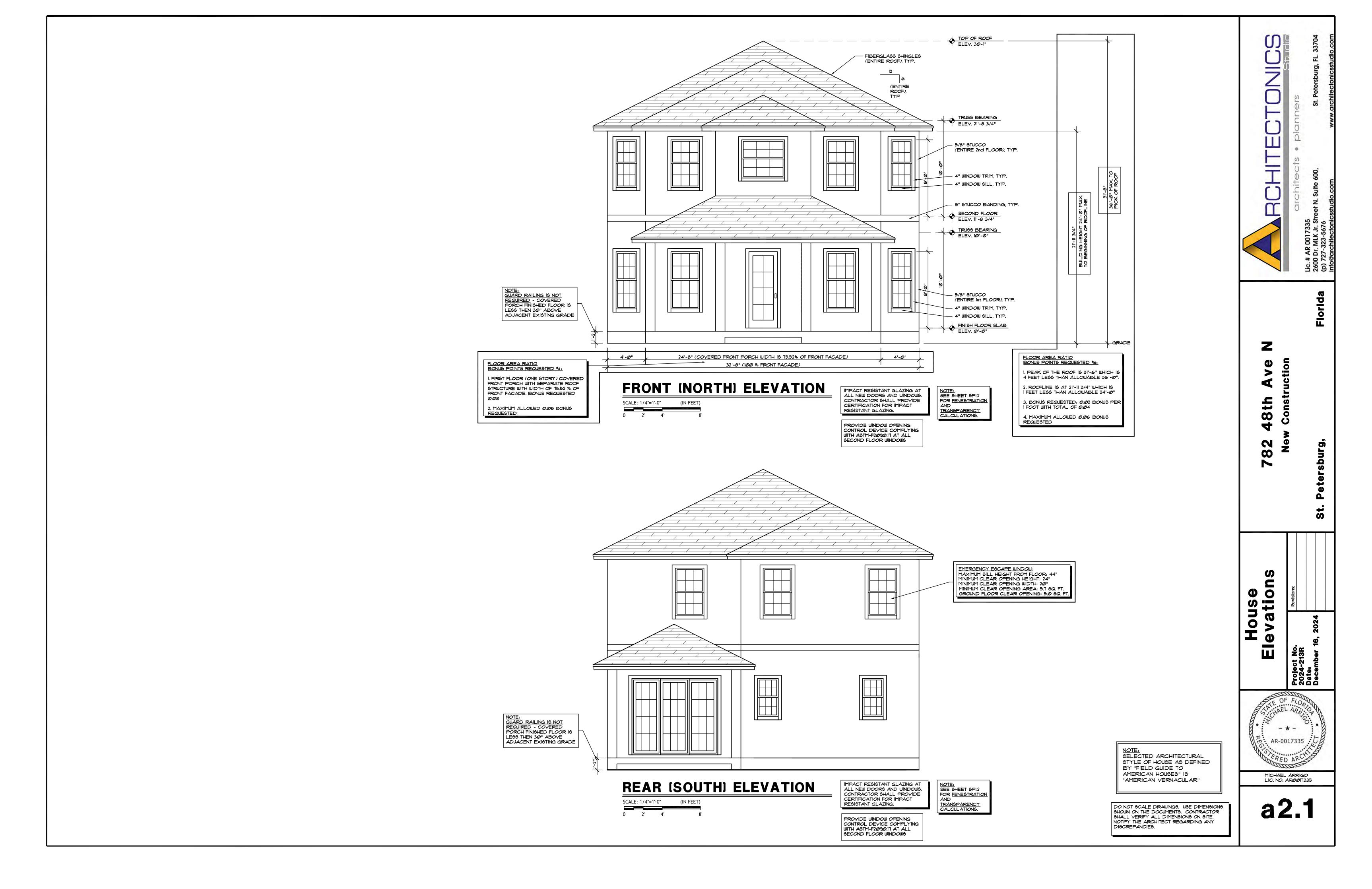


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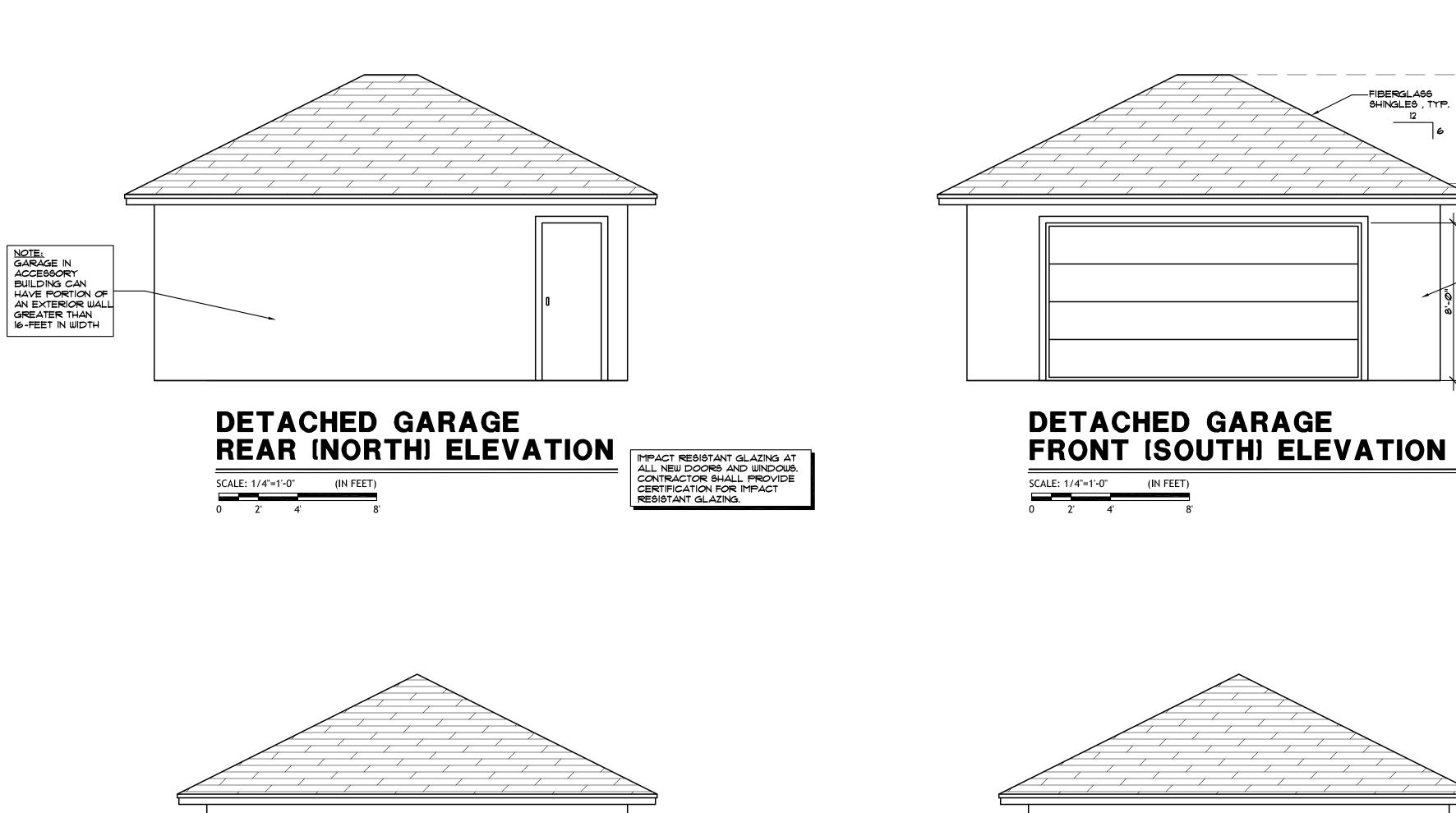
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LEGEND:

WALL TYPES, SEE THIS SHEET FOR DETAILS







NOTE:
GARAGE IN
ACCESSORY
BUILDING CAN
HAVE PORTION OF
AN EXTERIOR WALL
GREATER THAN
16-FEET IN WIDTH

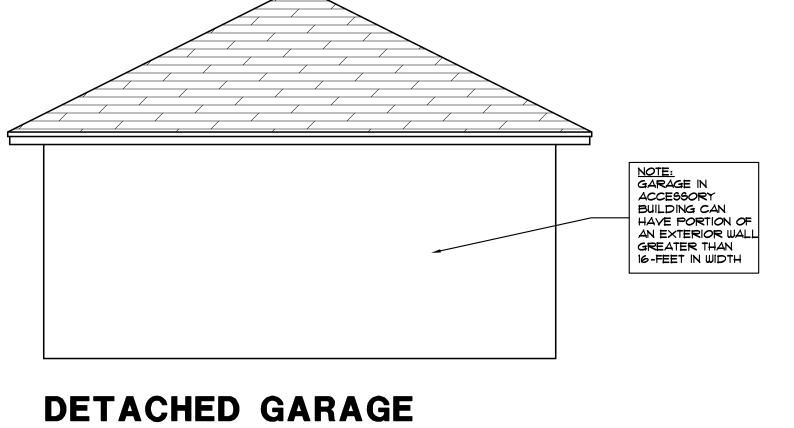
IMPACT RESISTANT GLAZING AT ALL NEW DOORS AND WINDOWS. CONTRACTOR SHALL PROVIDE

CERTIFICATION FOR IMPACT RESISTANT GLAZING.

DETACHED GARAGE

SCALE: 1/4"=1'-0" (IN FEET)

LEFT (WEST) ELEVATION



DETACHED GARAGE RIGHT (EAST) ELEVATION

SCALE: 1/4"=1'-0" (IN FEET)
0 2' 4' 8'

IMPACT RESISTANT GLAZING AT ALL NEW DOORS AND WINDOWS. CONTRACTOR SHALL PROVIDE CERTIFICATION FOR IMPACT RESISTANT GLAZING.

TRUSS BEARING
ELEV. 10'-0"

- 7/8" STUCCO (ENTIRE GARAGE)

GARAGE FIN. FL. SLAB ELEV. 0'-0"

IMPACT RESISTANT GLAZING AT ALL NEW DOORS AND WINDOWS. CONTRACTOR SHALL PROVIDE CERTIFICATION FOR IMPACT RESISTANT GLAZING.

NOTE:
SELECTED ARCHITECTURAL
STYLE OF HOUSE AS DEFINED
BY "FIELD GUIDE TO
AMERICAN HOUSES" IS
"AMERICAN VERNACULAR"

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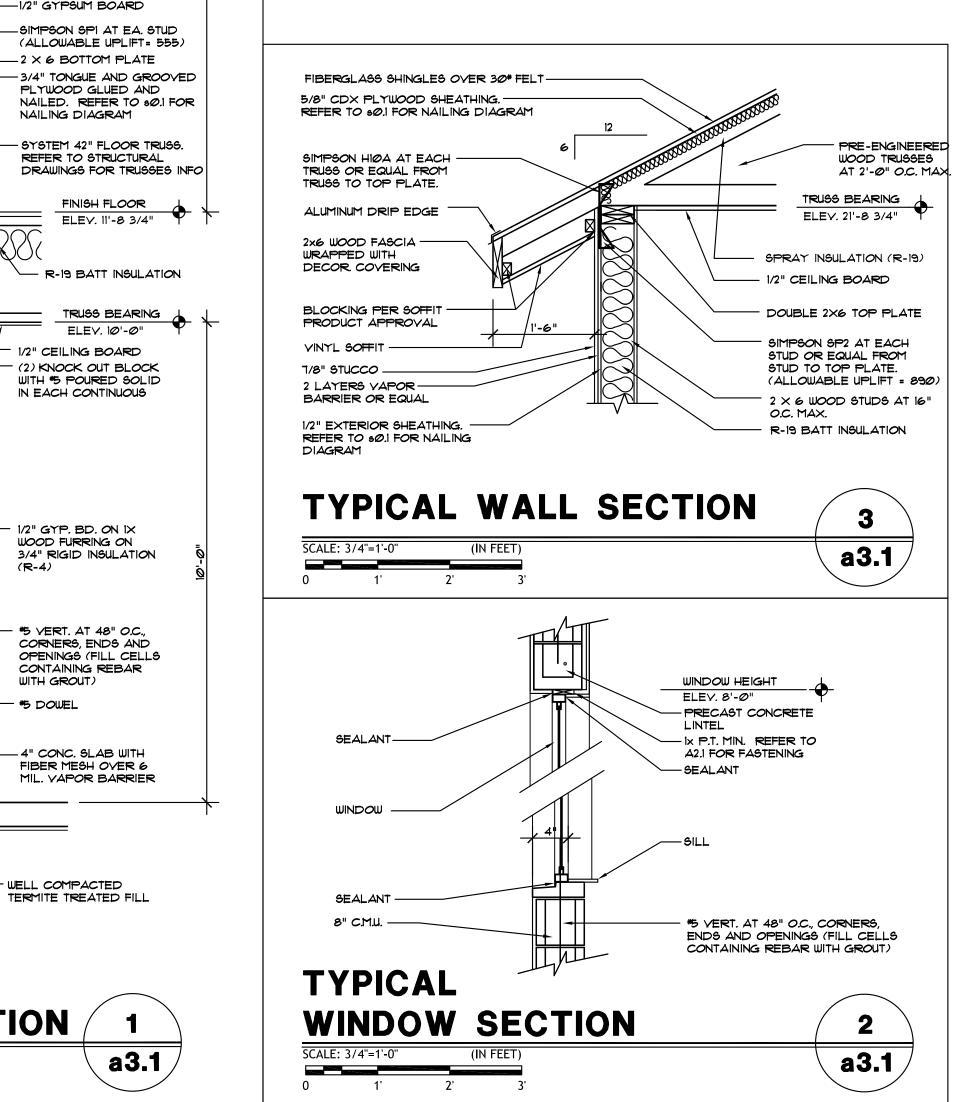
MICHAEL ARRIGO
LIC. NO. AROOIT335

EIC. NO. ARDD 1339

a2.3

PRODUCT CATEGORY	SUB CATEGORY	MANUFACTURER	FL. APRROY. N
ROOFING	ROOF SHINGLES	GAF	FL 10124.1
ROOFING	UNDERLAYMENT *30 FELT	G.A.P. ROOFING	FL 2894.3
WALL PANELS	SOFFIT VINYL	KAYCAN LTD	FL 16503.1
DOOR	EXT. SWING DOOR, FIBERGLASS,IMPACT	PELLA CORPORATION	FL 1429@.3
DOOR	EXT. SLIDING DOOR, FIBERGLASS,IMPACT	PELLA CORPORATION	FL 33614.1
DOOR	EXT. SWING DOOR,IMPACT (GARAGE)	PLAST-PRO INC.	FL 15180.10
DOOR	SECTIONAL EXT. DOOR, IMPACT (GARAGE)	WAYNE-DALTON	FL 8248.11
WINDOWS	SINGLE HUNG, IMPACT	PGT INDUSTRIES	FL 239.2
WINDOWS	FIXED, IMPACT	PGT INDUSTRIES	FL 2432
STRUCTURAL COMPONENTS	CONCRETE LINTELS	CAST-CRETE CORPORATION	FL 158.1

PRODUCT CATEGORY	SUB CATEGORY	MANUFACTURER	DESCRIPTION	FL. APRROY. N
STRUCTURAL CONNECTORS	WOOD CONNECTORS	SIMPSON	ABU66	FL 108602
STRUCTURAL CONNECTORS	WOOD CONNECTORS	SIMPSON	CS22	FL 10456.3
STRUCTURAL CONNECTORS	WOOD CONNECTORS	SIMPSON	ECC	FL 10860.9
STRUCTURAL CONNECTORS	WOOD CONNECTORS	SIMPSON	H5	FL 10456.7
STRUCTURAL CONNECTORS	WOOD CONNECTORS	SIMPSON	H6	FL 10456.7
STRUCTURAL CONNECTORS	WOOD CONNECTORS	SIMPSON	HIØA	FL 10456.7
STRUCTURAL CONNECTORS	WOOD CONNECTORS	SIMPSON	HUC212-2	FL 10531.10
STRUCTURAL CONNECTORS	WOOD CONNECTORS	SIMPSON	HUC212-3	FL 10531.10
STRUCTURAL CONNECTORS	WOOD CONNECTORS	SIMPSON	LGT2	FL 11473.8
STRUCTURAL CONNECTORS	WOOD CONNECTORS	SIMPSON	LUS26	FL 10531.17
STRUCTURAL CONNECTORS	WOOD CONNECTORS	SIMPSON	SPI	FL 10456.32
STRUCTURAL CONNECTORS	WOOD CONNECTORS	SIMPSON	SP2	FL 10456.32



THE BEARING WALLS, COLUMNS, BEAMS, HEADERS, JOISTS AND RAFTERS ARE DESIGNED USING SOUTHERN YELLOW PINE *2 FOR BOTH GRAVITY AND UPLIFT LOADS. THERE SHALL BE NO SUBSTITUTES.

DO NOT SCALE DRAWINGS. USE DIMENSIONS SHOWN ON THE DOCUMENTS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE. NOTIFY THE ARCHITECT REGARDING ANY DISCREPANCIES.

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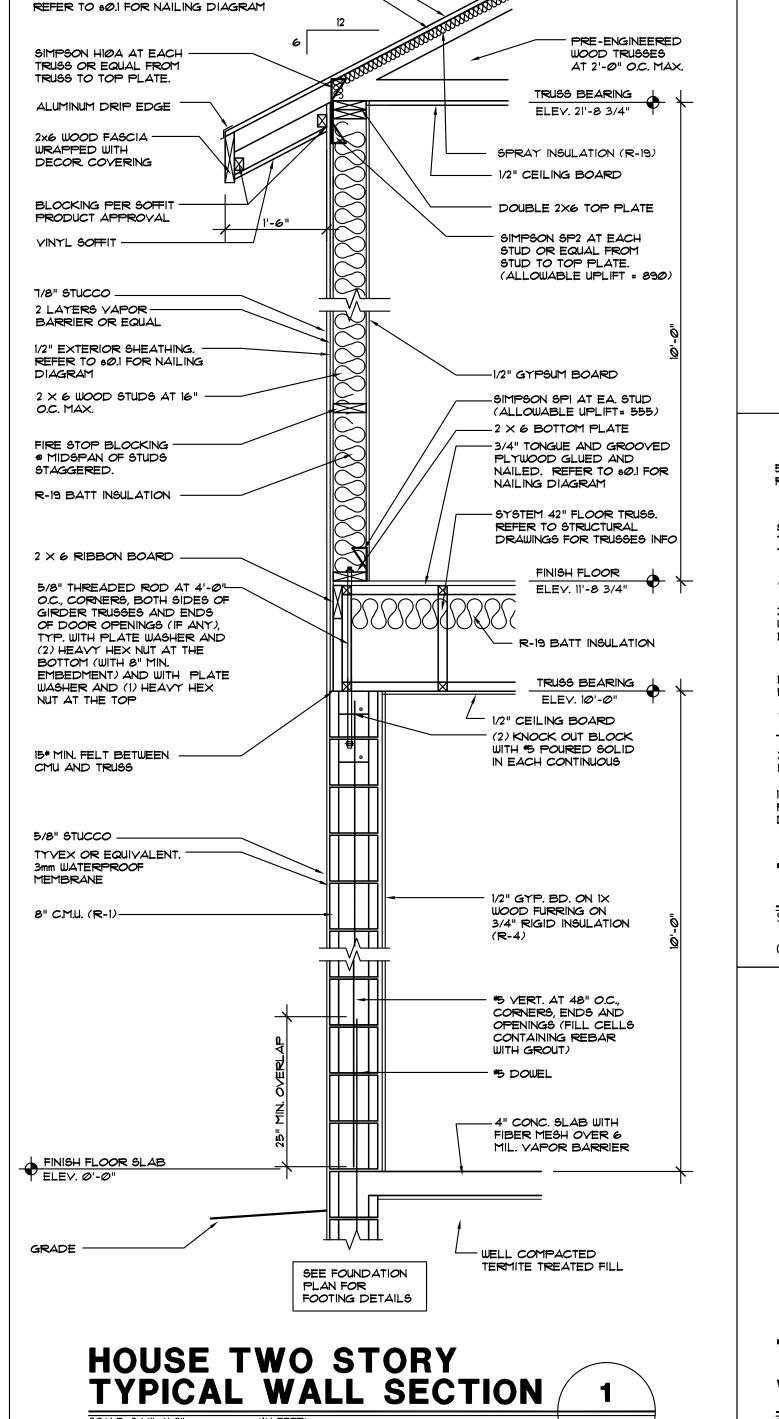
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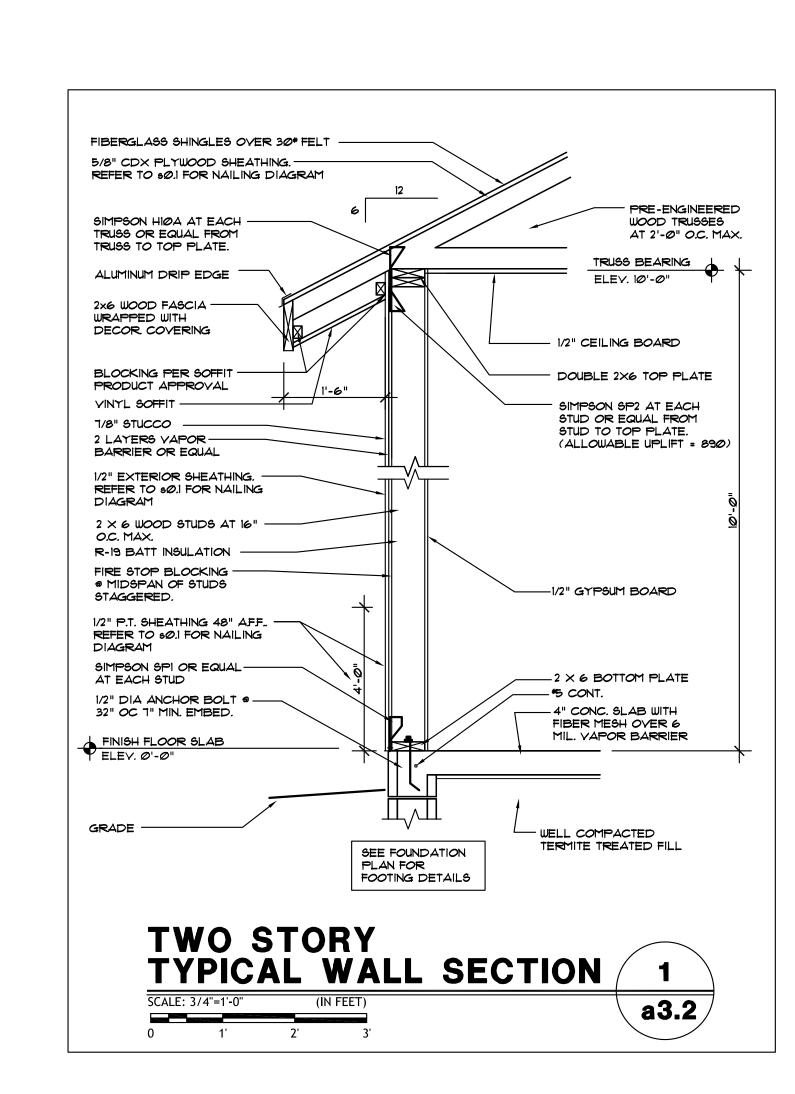
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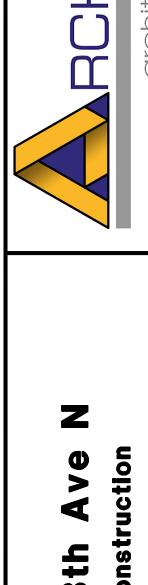
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FIBERGLASS SHINGLES OVER 30* FELT-

5/8" CDX PLYWOOD SHEATHING. -





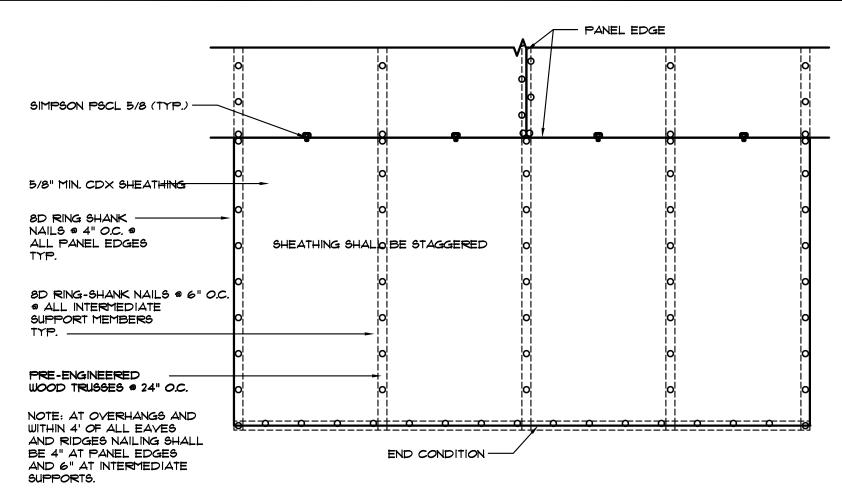
Detached Garage Wall Sections

OF FLORIDATION AR-0017335

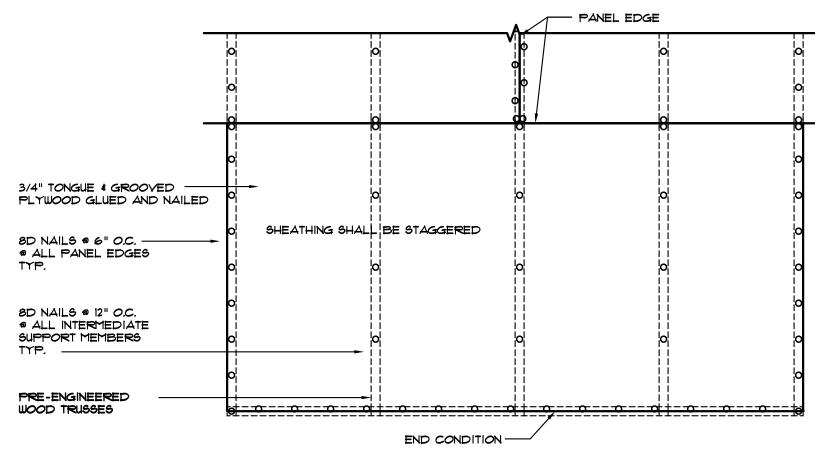
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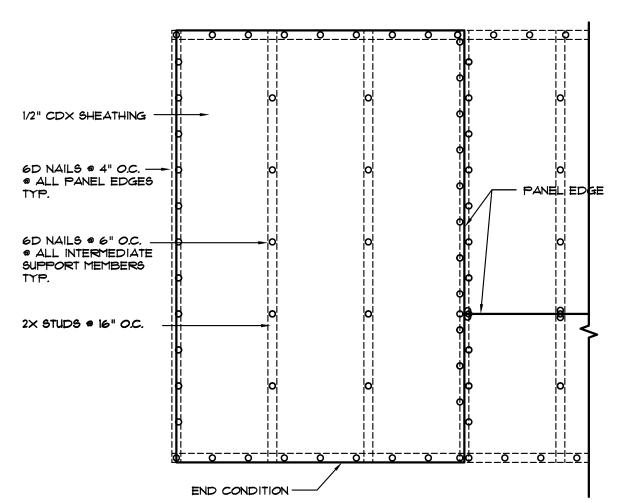
THE BEARING WALLS,
COLUMNS, BEAMS,
HEADERS, JOISTS AND
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USING SOUTHERN YELLOW
PINE *2 FOR BOTH GRAVITY
AND UPLIFT LOADS. THERE
SHALL BE NO SUBSTITUTES.



ROOF SHEATHING NAILING DETAIL



FLOOR SHEATHING NAILING DETAIL



WALL SHEATHING NAILING DETAIL

TABLE BOOKE OF THE ELOPIDA BUILDING CODE EIGHTH EDITION (2002)

ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS	
STRUCTURAL MEMBER	ALLOWABLE DEFLECTION
RAFTERS HAVING SLOPES GREATER THAN 3/12 WITH NO FINISHED CEILING ATTACHED TO RAFTERS	L/18Ø
INTERIOR WALLS AND PARTITIONS	H/18Ø
FLOORS AND PLASTERED CEILINGS	L/360
CEILINGS WITH FLEXIBLE FINISHES (INCLUDING GYPSUM BOARD)	L/24Ø
ALL OTHER STRUCTURAL MEMBERS	L/24Ø
EXTERIOR WALLS WITH PLASTER OR STUCCO FINISH	H/36Ø
EXTERIOR WALLSWIND LOADS WITH BRITTLE FINISHES	H/24Ø
EXTERIOR WALLSWIND LOADS WITH FLEXIBLE FINISHES	H/12Ø
LINTELS SUPPOERTING MASONRY VEENEER WALLS	L/600

REINFORCING SCHEDULE AND LOAD CAPACITIES

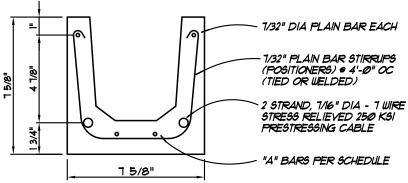
LINTEL LENGTH	BAR LENGTH	CLEAR SPAN	BOTTOM REINFORCING B "A" BARS	BARS B" BARS	MAX SAFE LOAD LINTEL ONLY	SAFE LOAD ON COMPOSITE
2'-10" 3'-6" 4'-0" 4'-6"	2'-8" 3'-4" 3'-10" 4'-4"	!'-6" 2'-2" 2'-8" 3'-2"	(2) 1/32" DIA PLAIN BARS ENDS HOOKED UP 90° FOR 2 1/2"	NONE	1,000+ */FT	3,000+ */FT
5'-4" 5'-10" 6'-4" 6'-8"	5'-2" 5'-8" 6'-2" 6'-4"	4'-0" 4'-6" 5'-0" 5'-4"	(2) 3	NONE	1,000+ */FT	2,100+ */FT
7'-6" 8'-4"	7'-0" 7'-10"	6'-2" T'-0"	(2) *4	NONE	800+ •/FT	2,25@+ */FT
9'-4" 10'-6"	8'-10" 10'-0"	8'-0" 9'-2"	(2) 5	NONE	800+ */FT	2,000+ */FT
11'-4" 12'-6" 13'-4" 14'-0"	10'-10" 12'-0" 12'-10" 13'-6"	10'-0" 11'-2" 12'-0" 12'-8"	(2) 5	(2) *3	800 */FT 100 */FT 650 */FT 600 */FT	2,000 */FT 1,800 */FT 1,600 */FT 1,700 */FT

LINTEL LENGTH	CLEAR SPAN	"A" BAR SCHEDULE	MAX SAFE LOAD LINTEL ONLY	SAFE LOAD ON COMPOSITE
14'-8"	13'-4"	NONE	650 %FT	1,900 */FT
15'-4"	14'-0"	NONE	650 */FT	1,810 */FT
17'-4"	16'-0"	*4 BAR\$	57Ø % FT	1,580 */FT
19'-4"	18'-0"	(2) *5 BARS	500 */FT	1,400 */FT
20'-0"	18'-8"	(2) *5 BARS	425 */FT	1,400 */FT

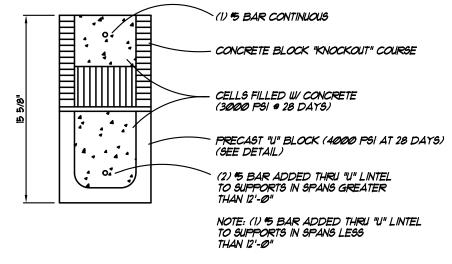
I. BAR STEEL SHALL BE MIN. GRADE 60, DEFORMED EXCEPT WHERE PLAIN BARS (HOOKED FOR BOND ANCHORAGE) ARE SPECIFICALLY PERMITTED. 2. PRECAST "U" BLOCK (4000 PSI AT 28 DAYS), CELLS FILLED WITH CONCRETE (3000 PSI AT 28 DAYS).

PRECAST CONCRETE TOP LEG BARS: 1/32" DIA PLAIN BAR EACH LEG UP TO 14'-8" LENGTHS 3/8" DIA REBAR EACH LEG 7/32" STIRRUPS @ 4'-Ø" OC LENGTHS OVER 14'-8" (TIED OR WELDED) - "A" BARS (MAIN REINF.) SEE SCHEDULE "B" BARS - SEE SCHEDULE

PRESTRESSED CONCRETE



COMPOSITE LINTEL SECTION



TYPICAL LINTEL SECTIONS

	SAFE LOAD - POUN	NDS PER LINEAL FOOT
LENGTH	UNFILLED	FILLED
4'-0" (48") PRECAST	1875	6048
4'-6" (54") PRECAST	1860	4815
5'-4" (64") PRECAST	1575	3744
5'-10" (70") PRECAST	1743	4615
6'-6" (78") PRECAST	1565	3260
7'-6" (90") PRECAST	1550	2887
9'-4" (112") PRECAST	1025	1747
10'-6" (126") PRECAST	922	1333
11'-4" (136") PRECAST	800	1483
12'-0" (144") PRECAST	750	1304
13'-4" (160") PRECAST	651	1018
14'-0" (168") PRECAST	585	9@9
14'-8" (116") PRESTRESSED	563	1341
15'-4" (184") PRESTRESSED	510	1210
11'-4" (208") PRESTRESSED	387	9//
19'-4" (232") PRESTRESSED	289	823

⁻⁻ ABOVE INFORMATION IS BASED ON CAST-CRETE (FECP CORP.) BRAND LINTELS.

-- BASED ON TESTS CONDUCTED BY WERNER F. ROSCH, P.E. -- PRECAST LINTELS MAY BE SUPPLIED BY CAST-CRETE OR OTHER BUILDING CODE

APPROVED PRECAST MANUFACTURERS. CAST-CRETE PRECAST LINTEL SAFE LOADS

HOUSE

WIND PRESSURE FOR ROOF **COMPONENTS AND** CLADDING (ASD)

145 MPH ULTIMATE WIND LOAD

OPENING		ROOF ANGLE 20-27 DEGREES		
AREA		1	2e, 2r, 3	
10 55 60	POSITIVE	+17.0 PSF	+17.0 PSF	
10 FT. SQ.	NEGATIVE	-30.4 PSF	-42.0 PSF	
20 FT. SQ.	POSITIVE	+14.6 PSF	+14.6 PSF	
	NEGATIVE	-27.0 PSF	-37.5 PSF	
50 FT. SQ.	POSITIVE	+11.6 PSF	+11.6 PSF	
96 F1. 9Q.	NEGATIVE	-22.4 PSF	-31.6 PSF	
100 FT, SQ.	POSITIVE	+10.0 PSF	+10.0 PSF	
100 F1. 5Q.		-18.9 PSF	-27.2 PSF	

TABLE VALUES HAVE E CONVERT COMPONENT AND CLADDING PRESSURES TO ASD. (ALLOWABLE STRESS DESIGN)

WIND PRESSURE FOR WALL COMPONENTS AND CLADDING (ASD)

PRESSURES TO ASD. (ALLOWABLE STRESS

WIND PRESSURE FOR

WALL COMPONENTS

AND CLADDING (ASD)

WALL AREA

POSITIVE | +18.7 PSF | +18.7 PSF

NEGATIVE | -20.2 PSF | -24.9 PSF

POSITIVE | +17.8 PSF | +17.8 PSF

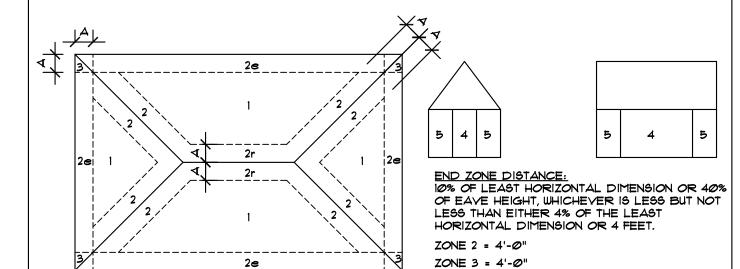
NEGATIVE | -19.4 PSF | -23.3 PSF

145 MPH ULTIMATE WIND LOAD

145 MPH ULTIMATE WIND LOAD

	ROOF ANGLE 2	20-27 DEGREES		OPENING		WALL AREA	
	1	2e, 2r, 3		AREA		4	5
	+17.0 PSF	+17.0 PSF		10 FT. SQ.	POSITIVE	+22.8 PSF	+22.8 PSF
:	-30.4 PSF	-42.Ø PSF			NEGATIVE	-24.6 PSF	-30.4 PSF
	+14.6 PSF	+14.6 PSF	20 FT. SQ.	POSITIVE	+21.7 PSF	+21.7 PSF	
:	-27.0 PSF	-37.5 PSF		NEGATIVE	-23.6 PSF	-28.4 PSF	
	+11.6 PSF	+11.6 PSF	F 4 F 5 6	POSITIVE	+20.4 PSF	+20.4 PSF	
:	-22.4 PSF	-31.6 PSF		50 FT. SQ.	NEGATIVE	-22.3 PSF	-25.7 PSF
	+10.0 PSF	+10.0 PSF		100 FT. SQ.	POSITIVE	+19.3 PSF	+19.3 PSF
:	-18.9 PSF	-27.2 PSF			NEGATIVE	-21.3 PSF	-23.6 PSF
				TABLE VAL			LIED BY CLADDING

ZONE 5 = 4'-0"



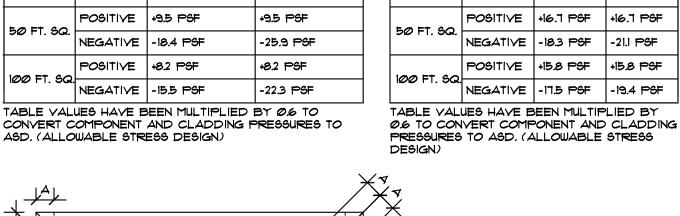
DETACHED GARAGE

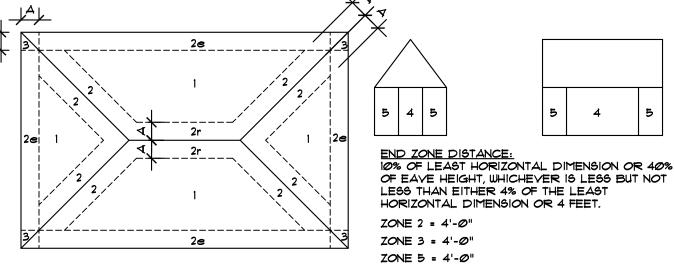
WIND PRESSURE FOR ROOF **COMPONENTS AND** CLADDING (ASD)

145 MPH ULTIMATE WIND LOAD

OPENING		ROOF ANGLE 2	0-21 DEGREES
AREA		1	2e, 2r, 3
10 FT. SQ.	POSITIVE	+13.9 PSF	+13.9 PSF
16 F1. 9Q.	NEGATIVE	-24.9 PSF	-34.4 PSF
20 FT. SQ.	POSITIVE	+12.0 PSF	+12.Ø PSF
26 F1. 5Q.	NEGATIVE	-22.1 PSF	-30.8 PSF
EQ ET 60	POSITIVE	+9.5 PSF	+9.5 PSF
50 FT. SQ.	NEGATIVE	-18.4 PSF	-25.9 PSF
100 FT, SQ.	POSITIVE	+8.2 PSF	+8.2 PSF
	NEGATIVE	-15.5 PSF	-22.3 PSF
TABLE VAL	IES LAVE E	REN MIII TIPI IED :	BY 06 TO

TABLE VALUES HAVE BEEN MULTIPLIED BY 06 TO CONVERT COMPONENT AND CLADDING PRESSURES TO





STRUCTURAL SPECIFICATIONS:

WARNING:

THE STRUCTURAL INTEGRITY OF THE BUILDING SHOWN ON THESE PLANS IS DEPENDANT UPON THE COMPLETION ACCORDING TO PLANS AND SPECIFICATIONS. STRUCTURAL MEMBERS ARE NOT SELF-SUPPORTING DURING CONSTRUCTION AND REQUIRE TEMPORARY BRACING UNTIL PERMANANTLY AFFIXED TO THE STRUCTURE AS DIRECTED. THE DESIGNER ASSUMES NO RESPONSIBILITY FOR THE STRUCTURE DURING CONSTRUCTION, UNLESS THE CONSTRUCTION IS

SUPERVISED BY THE STRUCTURAL ENGINEER DURING CONSTRUCTION.

CAST IN PLACE CONCRETE:

1. ALL REINFORCED CONCRETE SHALL BE NORMAL WEIGHT. THE MINIMUM 28 DAY COMPRESSIVE STRENGTH SHALL BE AS FOLLOWS: A.) SLAB ON GRADE = 3000 PSI MIN. B.) FOOTINGS, COLUMNS, TIE BEAMS = 3000 PSI C.) PRECAST "U" BLOCK = 4000 PSI D.) FILLED CELLS = 3000 PSI

2. CONCRETE REINFORCING STEEL SHALL BE GRADE 60 3. WELDED WIRE FABRIC SHALL BE 6" \times 6" - WI.4/WI.4

WOOD TRUSS NOTES:

I. ALL DESIGNS SHALL BE PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA. ALL SHOP DRAWINGS AND CALCULATIONS SHALL BEAR THE SIGNATURE AND SEAL OF OF THE

2. ALL TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE FLORIDA BUILDING CODE EIGHTH EDITION (2023)

FLOOR TOTAL LOAD = 60 PSF TOP CHORD LL = 40 PSF WLL TOP CHORD = 20 PSF BOTTOM CHORD LL = 0 PSF BOTTOM CHORD = Ø PSF TOP CHORD DL = 15 PSF BOTTOM CHORD DL = 5 PSF WDL TOP CHORD = 20 PSF BOTTOM CHORD = 10 PSF

3. ALL TRUSSES TO HAVE A 2X6 MIN. TOP CHORD. (FOR TILE ROOF) ALL TRUSSES TO HAVE A 2X4 MIN. TOP CHORD. (FOR SHINGLE ROOF)

WOOD FRAMING:

1. ALL STRUCTURAL LUMBER AND EXTERIOR FRAMING SHALL BE *2 SOUTHERN YELLOW PINE OR BETTER UNLESS OTHERWISE NOTED ON THE DRAWINGS.

2. ALL WOOD FRAMING SHALL CONFORM TO THE APPLICABLE REQUIREMENTS SET FORTH IN THE FLORIDA BUILDING CODE EIGHTH ADDITION (2023) AND SHALL INCLUDE BUT NOT BE LIMITED TO CONNECTIONS, BRACING, BRIDGING AND NAILING.

FOUNDATION REINFORCING:

. THE REQUIRED MINIMUM LAP SPLICE FOR REBARS SHALL BE (40 BAR DIAMETERS). 2. EMBED FOOTING DOWELLS 6" MINIMUM INTO FOOTINGS, EXTEND INTO

CARPENTRY:

1. DIMENSIONED LUMBER SHALL BE DRESSED 545, AND SHALL BEAR THE GRADE STAMP OF THE MANUFACTURER'S ASSOCIATION. 2. ALL LUMBER SHALL BE SOUND, SEASONED, AND FREE FROM WARP.

TIE BEAMS AND BEND HOOKS OVER TOP BAR 25" MINIMUM.

3. ALL LUMBER SHALL BE SOUTHERN PINE NO. 2 GRADE OR BETTER WITH 19% MAXIMUM MOISTURE CONTENT.

4. ALL LUMBER IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED.

5. PRESSURE TREATED LUMBER SHALL BE IMPREGNATED WITH A CCA SALT

TREATMENT IN ACCORDANCE WITH F.S. TT-W-571 AND BEAR THE AMERICAN WOOD PRESERVERS INSTITUTE QUALITY MARK LP-2

6. PLYWOOD SHEATHING SHALL BE CDX WITH EXTERIOR GLUE. ALL ROOF SHEATHING TO BE INSTALLED WITH PLYCLIPS

7. INSTALL BRIDGING IN ALL FLOOR OR ROOF JOISTS AT 8'-0" O.C. MAXIMUM. INSTALL BLOCKING IN ALL WALL STUDS @ MID-HIEGHT

8. ALL NAILING AND BOLTING SHALL COMPLY WITH AMERICAN INSTITUTE OF TIMBER CONSTRUCTION REQUIREMENTS.

9. ALL CONNECTION HARDWARE SHALL BE GALVANIZED AND SUPPLIED BY SIMPSON STRONGTIE CO.

10. PROVIDE A SINGLE PLATE AT THE BOTTOM AND DOUBLE PLATE AT THE TOP OF ALL LOAD BEARING STUD WALLS. SILL PLATES SHALL BE BOLTED TO FOUNDATION AT A MAXIMUM OF 4'-0" O.C.

II. STUDS SHALL BE DOUBLED AT ALL ANGLES AND AROUND ALL OPENINGS. STUDS SHALL BE TRIPLED AT ALL CORNERS.

ALL OUTSIDE CORNERS SHALL BE BRACED WITH A DIAGONAL 1 \times 4 LET INTO OUTSIDE EDGE OF 2 \times 4 STUDS, UNLESS PLYWOOD SHEATHING IS SHOWN ON DRAWINGS.

DESIGN CRITERIA

FLORIDA BUILDING CODE EIGHTH EDITION (2023)

ULTIMATE WIND LOAD EXPOSURE

PROTECTION OF OPENINGS ENCLOSED INTERNAL PRESSURE COEF. +0.18 , - 0.18

RISK CATEGORY 2,000 PSF SOIL DESIGN BEARING CAPACITY

REFER TO INDIVIDUALS COMPONENTS & CLADDING ITEMS ON FLOOR PLANS

REFER TO WOOD TRUSS NOTES THIS SHEET FOR TRUSS LOADS

ATTIC WITHOUT STORAGE = 10 PSF BALCONIES (EXTERIOR) AND DECKS = 40 PSF

ROOF LIVE LOAD = 20 PSF ROOF DEAD LOAD = 20 PSF TOTAL ROOF LOAD = 40 PSF

FLOOR LIVE LOAD = 40 PSF FLOOR DEAD LOAD = 20 PSF TOTAL FLOOR LOAD = 60 PSF NOTE: DESIGN LOAD MUST BE POSTED IF FLOORS ARE DESIGNED FOR MORE THAN 50 PSF

FLOOR LIVE LOAD @ STAIRS AND LANDINGS = 100 PSF CONCENTRATED LOAD @ STAIR TREADS = 300 LBS

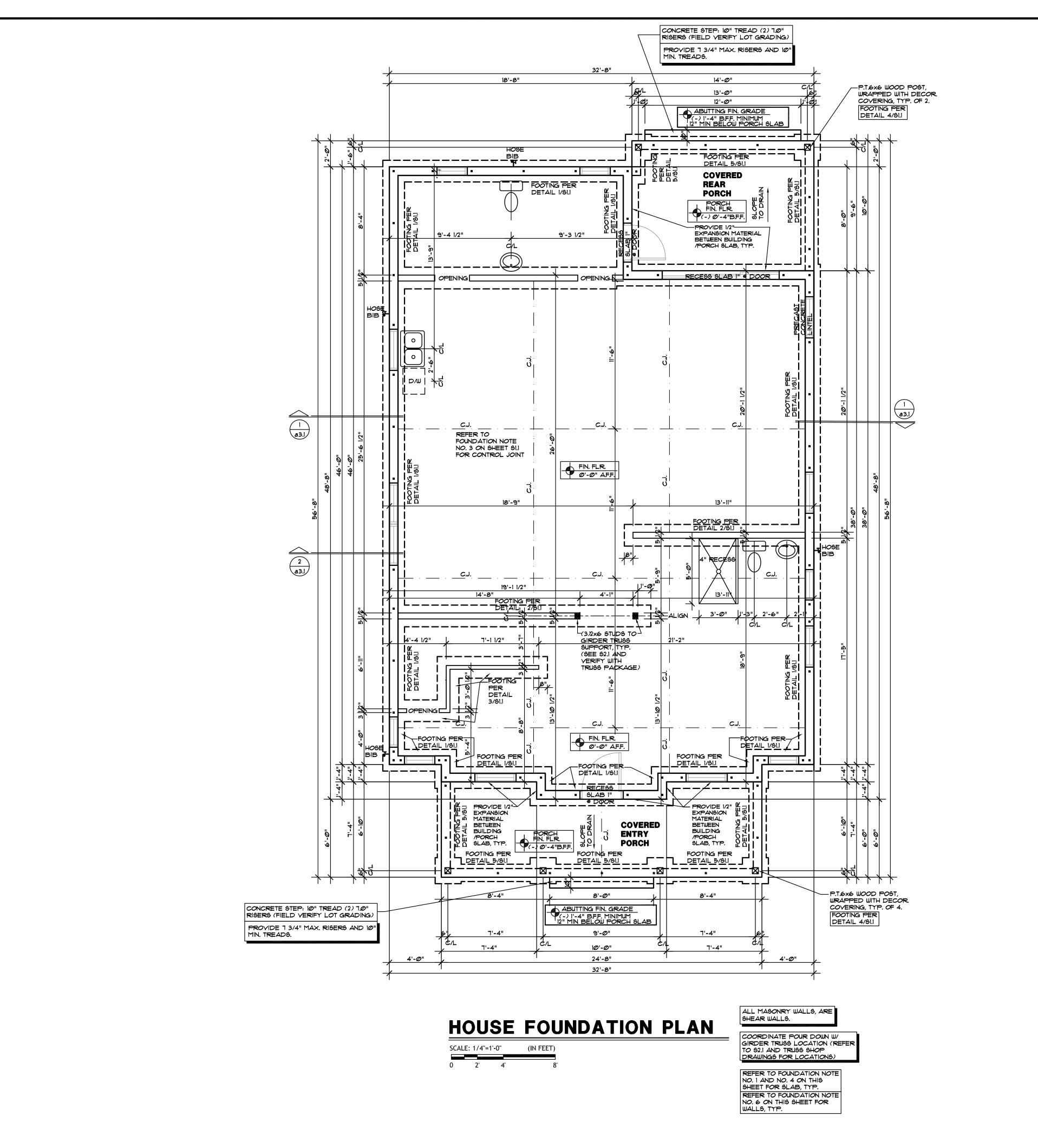
GUARDRAIL CONCENTRATED LOADS = 200 LBS AND 50 LBS/FT

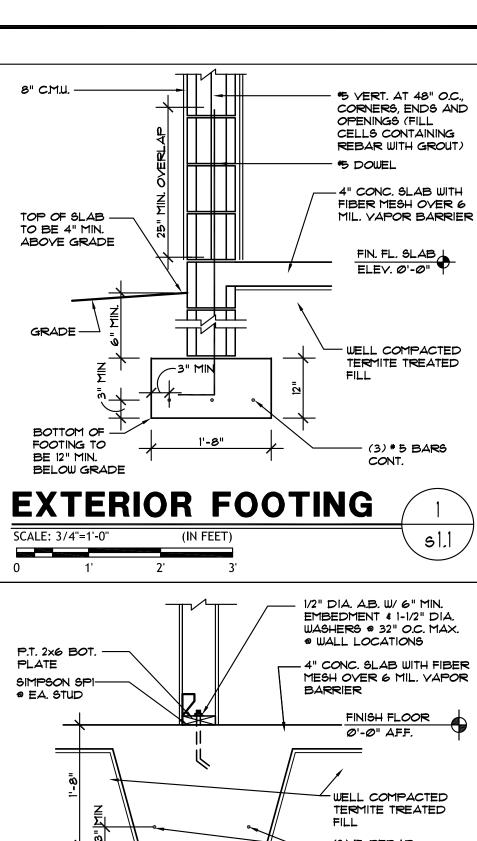
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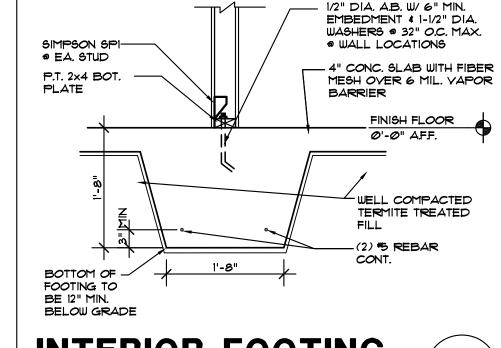
MICHAEL ARRIGO LIC. NO. AROO17335



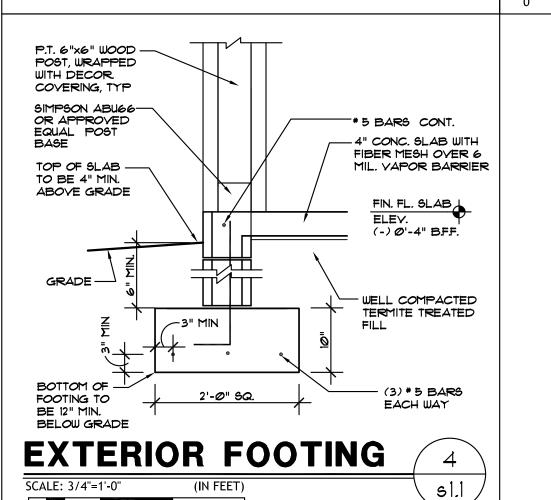


FINISH FLOOR EACH WAY BOTTOM OF -FOOTING TO BE 12" MIN. BELOW GRADE

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







TERMITE **PROTECTION NOTES:**

1. APPROVED TERMITE PROTECTIVE TREATMENT SHALL BE USED AND PROVIDED.

2. PERMANENT SIGNAGE FOR TREATMENT SHALL BE POSTED

NEAR WATER HEATER OR ELECTRICAL PANEL.

3. A 6" MINIMUM CLEARANCE SHALL BE PROVIDED BETWEEN EXTERIOR WALLS AND GRADE FOR TERMITE INSPECTION (4" MINIMUM FOR GARAGE/PATIO SLABS).

4. A 1'-0" MINIMUM CLEARANCE SHALL BE PROVIDED BETWEEN THE STRUCTURE'S SIDEWALLS AND CONDENSATE LINES, ROOF DOWNSPOUTS, SPRINKLER SYSTEMS AND RISERS FOR SPRAY

5. APPROVED TERMITE PROTECTION SHOULD BE PLACED/PROTECTED W/ 6MIL YAPOR BARRIER. IT SHALL BE DONE AFTER EXCAVATION, BACKFILLING AND COMPACTION. ANY SOIL DISTURBANCE AFTER TREATMENT SHALL BE PROTECTED BY PERMANENT PLASTIC OR METAL FORMS IN CONCRETE FLOORS BOXED OUT OR CONSTRUCTED FOR THE INSTALLATION OF PLUMBING LINES AND THE LIKE. IF SOIL IF DISTURBED AFTER TREATMENT, SOIL SHOULD BE RETREATED.

6. ELIMINATE OVERPOUR OR MORTAR ACCUMULATION ALONG THE EXTERIOR FOUNDATION PERIMETER BEFORE TREATMENT TO ENHANCE VERTICAL PENETRATION OF CHEMICALS.

1. TREATMENT SHALL BE APPLIED TO ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF SIDEWALLS (W/ 6MIL. YAPOR BARRIER AFTER CONSTRUCTION)

8. NON-CELLULOSE MATERIAL W/ TERMITICIDE SHALL BE USED FOR PROTECTIVE SLEEVES AROUND METAL PIPINGS PENETRATING ON SLAB-ON-GRADE FLOORS.

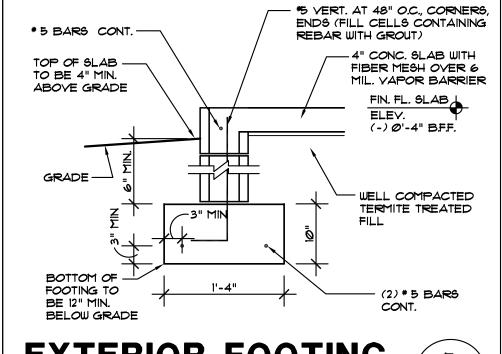
9. POST CONSTRUCTION, ALL LOOSE WOOD AND DEBRIS SHALL BE COMPLETELY REMOVED FROM UNDER THE BUILDING WITHIN 1'-0" EXCEPT FOR NATURALLY DURABLE OR P.T. WOOD FOR GROUND CONTACT AND INSTALLED 6" MIN. FROM THE STRUCTURE FOR TERMITE INSPECTION.

FOUNDATION NOTES:

- 1. SLAB-ON-GRADE TO BE 4" THICK W/ FIBER MESH ON 6 MIL
- VAPOR BARRIER (LAPPED AND TAPED) 2. TOP OF SLAB ELEY. + Ø'-Ø"
- EXCEPT WHERE NOTED.
- 3. CJ = 3/16" W. x 1" DP SAW CUT CONTROL
- 4. PROVIDE TERMITE TREATED CLEAN,
- 5. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE

WELL COMPACTED FILL UNDER FLOOR SLAB.

- WITH APPLICABLE CODES AND ORDINANCES
- 6. REINFORCE MASONRY HOUSE EXTERIOR WALLS AND PORCH STEM WALLS W/ #5 VERT. AT 48" O.C., CORNERS, ENDS AND OPENINGS (FILL CELLS CONTAINING REBAR WITH GROUT)



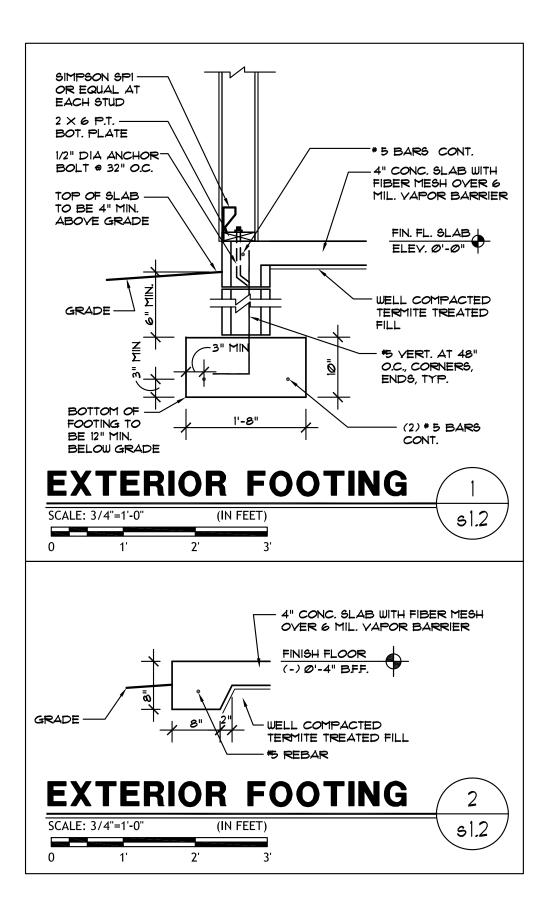
EXTERIOR FOOTING SCALE: 3/4"=1'-0"

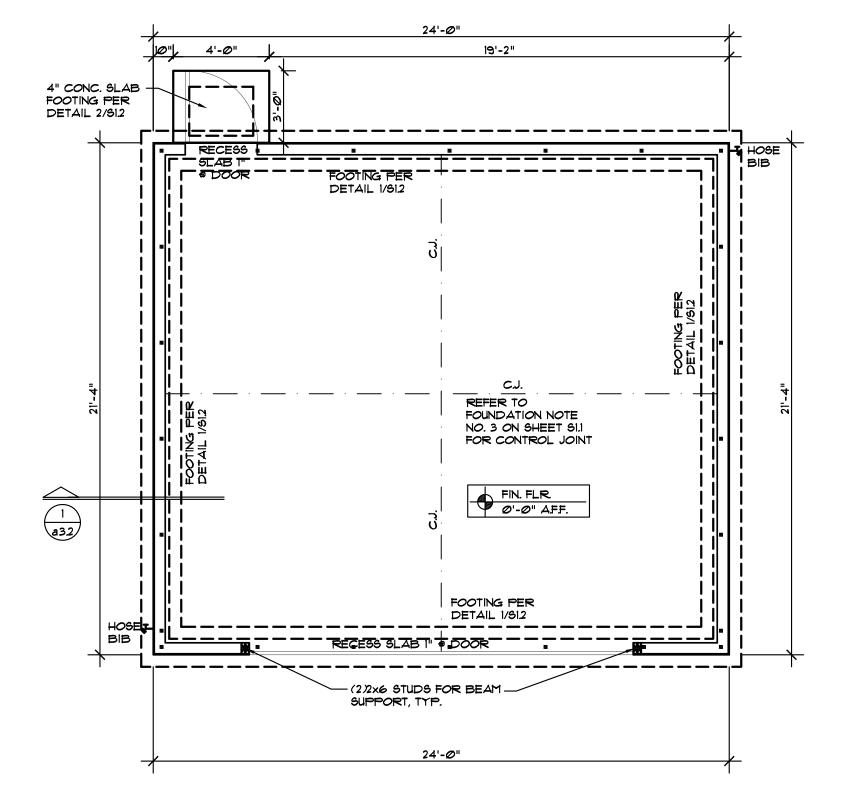
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MICHAEL ARRIGO LIC. NO. AR0017335

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DETACHED GARAGE **FOUNDATION PLAN**

0 2' 4'

8'-0" MINIMUM SHEAR WALL WIDTH. REFER TO SHEAR WALL NOTES THIS SHEET

COORDINATE POUR DOWN W/ GIRDER TRUSS LOCATION ABOVE (REFER TO \$2.1 AND TRUSS SHOP DRAWINGS FOR LOCATIONS)

REFER TO FOUNDATION NOTE NO. I AND NO. 4 ON THIS SHEET FOR SLAB, TYP. REFER TO FOUNDATION NOTE NO. 6 ON THIS SHEET FOR WALLS, TYP.

TERMITE PROTECTION NOTES:

1. APPROVED TERMITE PROTECTIVE TREATMENT SHALL BE USED AND PROVIDED.

2. PERMANENT SIGNAGE FOR TREATMENT SHALL BE POSTED

NEAR WATER HEATER OR ELECTRICAL PANEL.

3. A 6" MINIMUM CLEARANCE SHALL BE PROVIDED BETWEEN EXTERIOR WALLS AND GRADE FOR TERMITE INSPECTION (4"

5. APPROVED TERMITE PROTECTION SHOULD BE PLACED/PROTECTED W/ 6MIL YAPOR BARRIER. IT SHALL BE DONE AFTER EXCAVATION, BACKFILLING AND COMPACTION. ANY SOIL DISTURBANCE AFTER TREATMENT SHALL BE PROTECTED BY PERMANENT PLASTIC OR METAL FORMS IN CONCRETE FLOORS BOXED OUT OR CONSTRUCTED FOR THE INSTALLATION OF PLUMBING LINES AND THE LIKE. IF SOIL IF DISTURBED AFTER TREATMENT, SOIL SHOULD BE RETREATED.

1. TREATMENT SHALL BE APPLIED TO ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-O" OF SIDEWALLS (W/ 6MIL. YAPOR BARRIER AFTER CONSTRUCTION)

8. NON-CELLULOSE MATERIAL W/ TERMITICIDE SHALL BE USED FOR PROTECTIVE SLEEVES AROUND METAL PIPINGS PENETRATING ON SLAB-ON-GRADE FLOORS.

9. POST CONSTRUCTION, ALL LOOSE WOOD AND DEBRIS SHALL BE COMPLETELY REMOVED FROM UNDER THE BUILDING WITHIN 1'-0" EXCEPT FOR NATURALLY DURABLE OR P.T. WOOD FOR FOR TERMITE INSPECTION.

FOUNDATION NOTES:

- 1. SLAB-ON-GRADE TO BE 4" THICK W/ FIBER MESH ON 6 MIL VAPOR BARRIER (LAPPED AND TAPED)
- 2. TOP OF SLAB ELEV. + 0'-0"
- EXCEPT WHERE NOTED.
- WELL COMPACTED FILL UNDER FLOOR SLAB.
- 5. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE
- 6. REINFORCE MASONRY HOUSE EXTERIOR WALLS AND PORCH STEM WALLS W/ #5 VERT. AT 48" O.C.,

- 1. 1/2" CDX SHEATHING ON EXTERIOR SIDE OF WALL.
- 3. 6D NAILS @ 6" O.C. AT ALL PANEL INTERMEDIATE MEMBERS.
- 4. 1/2" GYPSUM BOARD AT INTERIOR SIDE OF WALL.

MINIMUM FOR GARAGE/PATIO SLABS).

4. A 1'-0" MINIMUM CLEARANCE SHALL BE PROVIDED BETWEEN THE STRUCTURE'S SIDEWALLS AND CONDENSATE LINES, ROOF DOWNSPOUTS, SPRINKLER SYSTEMS AND RISERS FOR SPRAY

6. ELIMINATE OVERPOUR OR MORTAR ACCUMULATION ALONG THE EXTERIOR FOUNDATION PERIMETER BEFORE TREATMENT TO ENHANCE VERTICAL PENETRATION OF CHEMICALS.

GROUND CONTACT AND INSTALLED 6" MIN. FROM THE STRUCTURE

- 3. CJ = 3/16" W. x 1" DP SAW CUT CONTROL
- 4. PROVIDE TERMITE TREATED CLEAN,
- WITH APPLICABLE CODES AND ORDINANCES
- CORNERS, ENDS AND OPENINGS (FILL CELLS CONTAINING REBAR WITH GROUT)

SHEAR WALL NOTES:

- 2. 6D NAILS @ 4" O.C. AT ALL PANEL EDGES.

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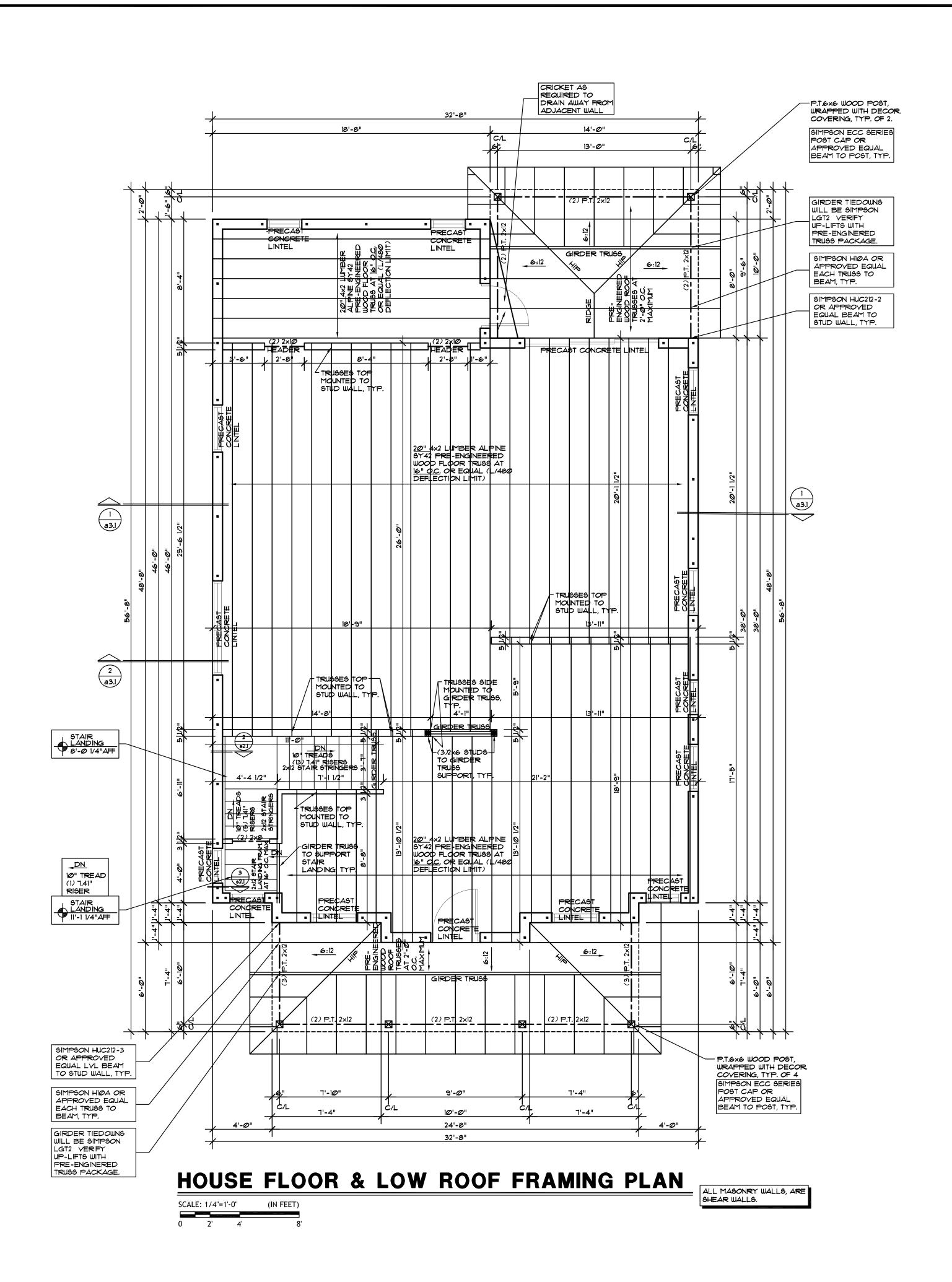
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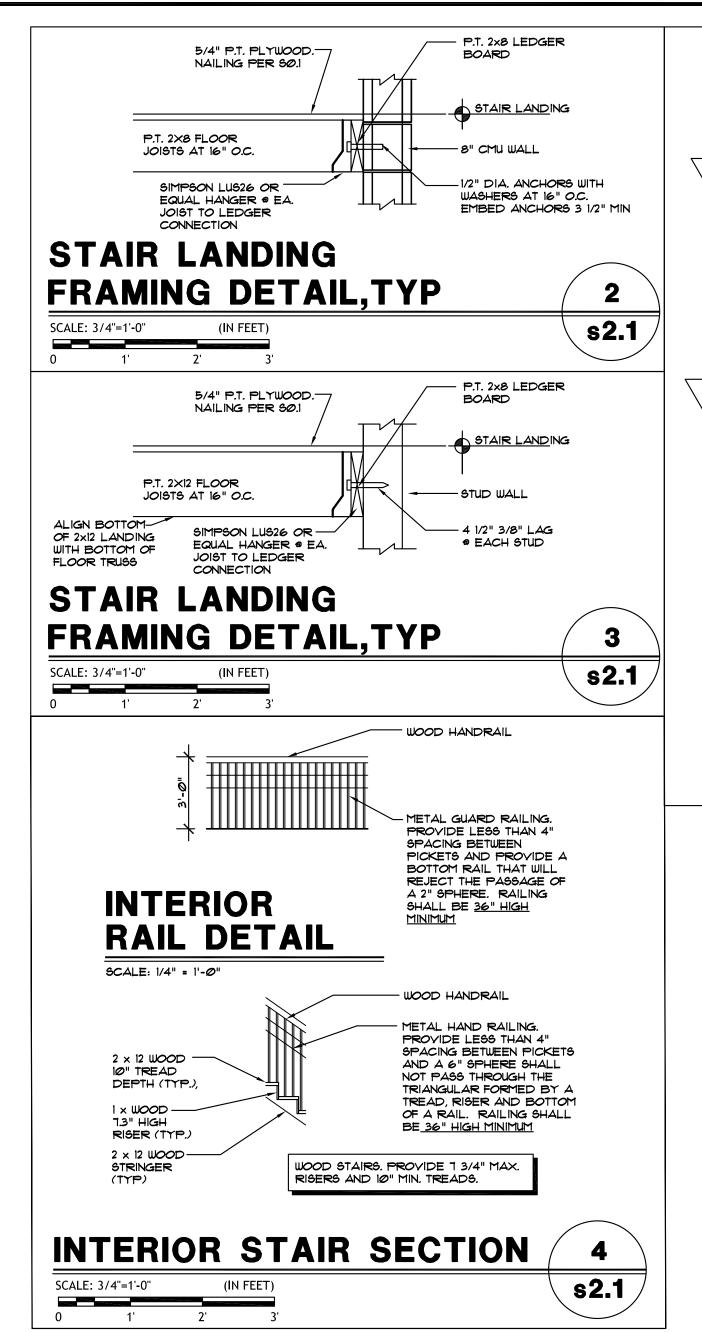
DO NOT SCALE DRAWINGS. USE DIMENSIONS SHOWN ON THE DOCUMENTS. CONTRACTOR

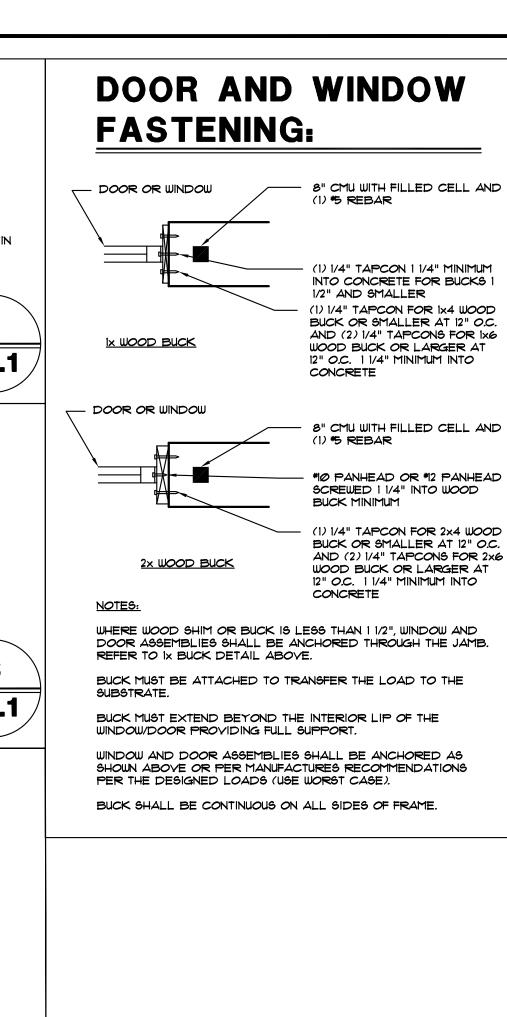
SHALL VERIFY ALL DIMENSIONS ON SITE. NOTIFY THE ARCHITECT REGARDING ANY

DISCREPANCIES.

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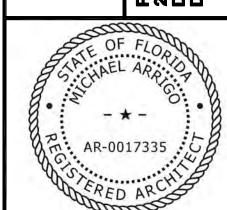






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USING SOUTHERN YELLOW MICHAEL ARRIGO PINE *2 FOR BOTH GRAVITY LIC. NO. AR0017335 AND UPLIFT LOADS. THERE SHALL BE NO SUBSTITUTES.

FRAMING PLANS ARE

DIAGRAMMATIC ONLY

ENGINEERING DRAWINGS

FOR EXACT PLACEMENT

TRUSS CONNECTION INFO.

THE BEARING WALLS,

HEADERS, JOISTS AND

RAFTERS ARE DESIGNED

COLUMNS, BEAMS,

DO NOT SCALE DRAWINGS. USE DIMENSIONS SHOWN ON THE DOCUMENTS. CONTRACTOR

SHALL VERIFY ALL DIMENSIONS ON SITE.

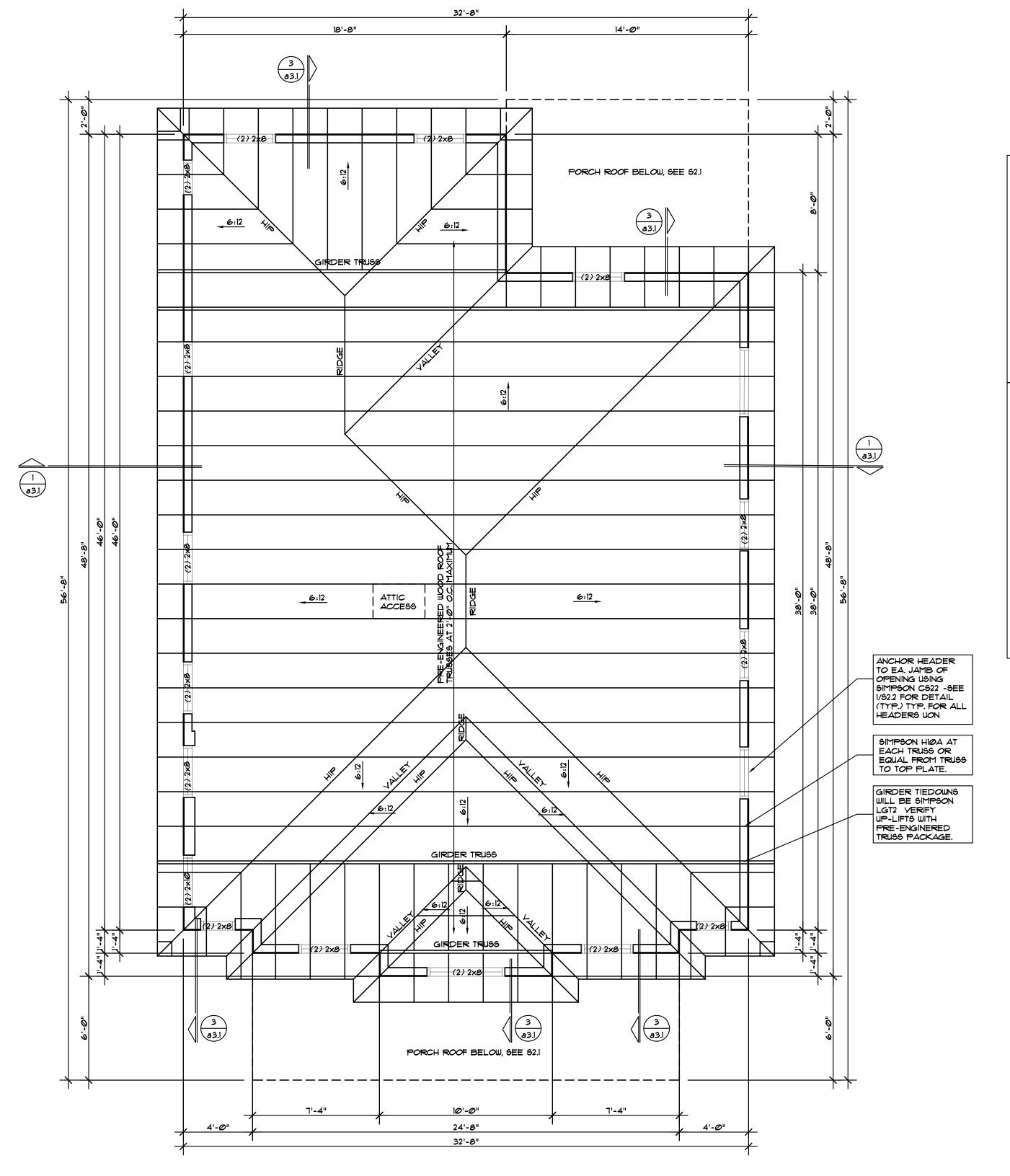
NOTIFY THE ARCHITECT REGARDING ANY

LOADS AND TRUSS TO

REFER TO TRUSS

FRAMING NOTES:

- 1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH APPLICABLE CODES AND ORDINANCES.
- 2. ROOF FRAMING TO BE PRE-ENGINEERED WOOD TRUSSES AT
- 2'-0" O.C. EXCEPT WHERE NOTED. 3. ALL EXPOSED WOOD SHALL BE PRESSURE TREATED WITH
- GALVANIZED NAILS, BOLTS, AND CONNECTORS.
- 4. USE GALVANIZED METAL CONNECTORS FOR WOOD TRUSSES AND BEAMS.
- 5. ALL FRAMING SHALL BE SOUTHERN YELLOW PINE *2.



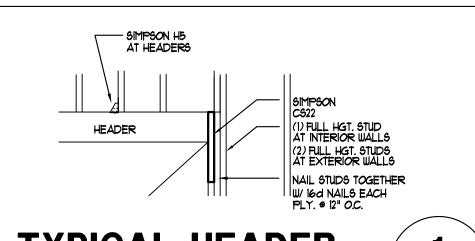
FRAMING NOTES:

- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH APPLICABLE CODES AND ORDINANCES.
- 2. ROOF FRAMING TO BE PRE-ENGINEERED WOOD TRUSSES AT 2'-O" O.C. EXCEPT WHERE NOTED.
- 3. ALL EXPOSED WOOD SHALL BE PRESSURE TREATED WITH GALVANIZED NAILS, BOLTS, AND CONNECTORS.
- 4. USE GALYANIZED METAL CONNECTORS FOR WOOD TRUSSES AND BEAMS.
- 5. ALL FRAMING SHALL BE SOUTHERN YELLOW PINE *2.

SHEAR WALL NOTES:

1. 1/2" CDX SHEATHING ON EXTERIOR SIDE OF WALL.

- 2. 6D NAILS @ 4" O.C. AT ALL PANEL EDGES.
- 3. 6D NAILS @ 6" O.C. AT ALL PANEL INTERMEDIATE MEMBERS. 4. 1/2" GYPSUM BOARD AT INTERIOR SIDE OF WALL.



TYPICAL HEADER

SCALE: NTS

s2.2

s2.2

FRAMING PLANS ARE DIAGRAMMATIC ONLY. REFER TO TRUSS

ENGINEERING DRAWINGS

FOR EXACT PLACEMENT

TRUSS CONNECTION INFO.

THE BEARING WALLS, COLUMNS, BEAMS, HEADERS, JOISTS AND

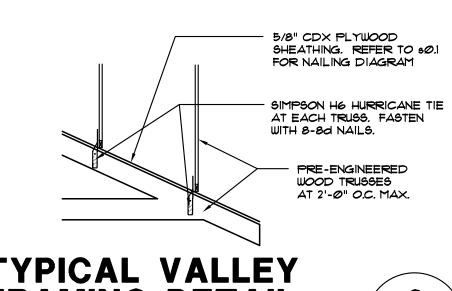
RAFTERS ARE DESIGNED

USING SOUTHERN YELLOW

PINE *2 FOR BOTH GRAVITY AND UPLIFT LOADS. THERE SHALL BE NO SUBSTITUTES.

LOADS AND TRUSS TO

DO NOT SCALE DRAWINGS. USE DIMENSIONS SHOWN ON THE DOCUMENTS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE. NOTIFY THE ARCHITECT REGARDING ANY DISCREPANCIES.



TYPICAL VALLEY FRAMING DETAIL SCALE: 3/4"=1'-0" (IN FEET)

0 1' 2' 3'

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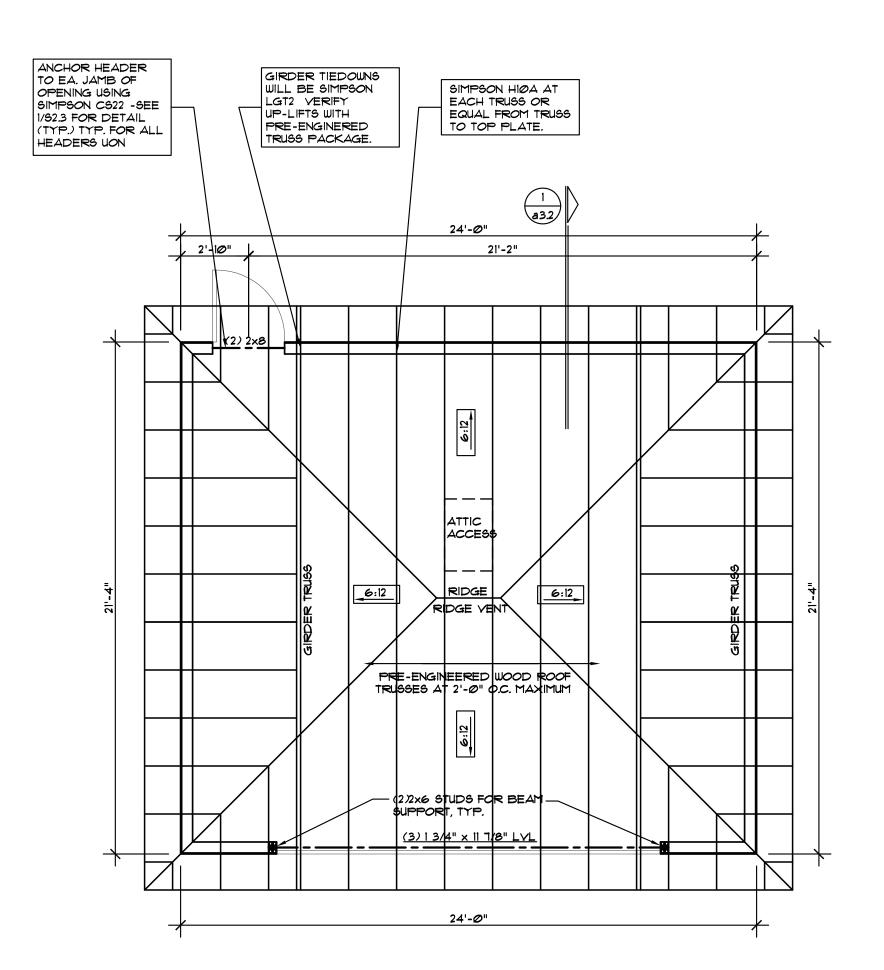
MICHAEL ARRIGO LIC. NO. AROO11335

s2.2

8'-0" MINIMUM SHEAR WALL WIDTH. REFER TO SHEAR WALL NOTES THIS SHEET

HOUSE ROOF FRAMING PLAN SCALE: 1/4"=1'-0" (IN FEET)

0 2' 4'



DETACHED GARAGE ROOF FRAMING PLAN

SCALE: 1/4"=1'-0" (IN FEET)

8'-0" MINIMUM SHEAR WALL WIDTH. REFER TO SHEAR WALL NOTES THIS SHEET

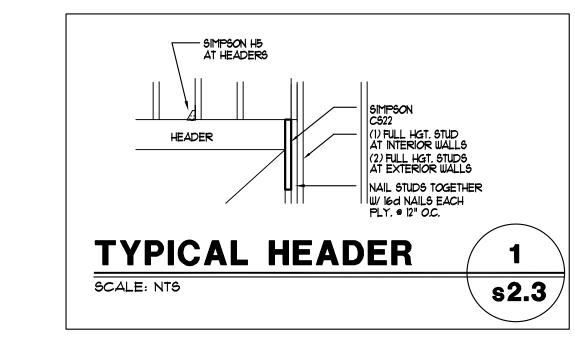
FRAMING NOTES:

- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH APPLICABLE CODES AND ORDINANCES.
- 2. ROOF FRAMING TO BE PRE-ENGINEERED WOOD TRUSSES AT 2'-O" O.C. EXCEPT WHERE NOTED.
- 3. ALL EXPOSED WOOD SHALL BE PRESSURE TREATED WITH GALVANIZED NAILS, BOLTS, AND CONNECTORS.
- 4. USE GALYANIZED METAL CONNECTORS FOR WOOD TRUSSES AND BEAMS.
- 5. ALL FRAMING SHALL BE SOUTHERN YELLOW PINE *2.

SHEAR WALL NOTES:

1. 1/2" CDX SHEATHING ON EXTERIOR SIDE OF WALL.

- 2. 6D NAILS @ 4" O.C. AT ALL PANEL EDGES.
- 3. 6D NAILS @ 6" O.C. AT ALL PANEL INTERMEDIATE MEMBERS.
- 4. 1/2" GYPSUM BOARD AT INTERIOR SIDE OF WALL.



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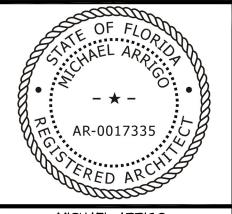
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Project No. 2024-213R Date: December 16, 2

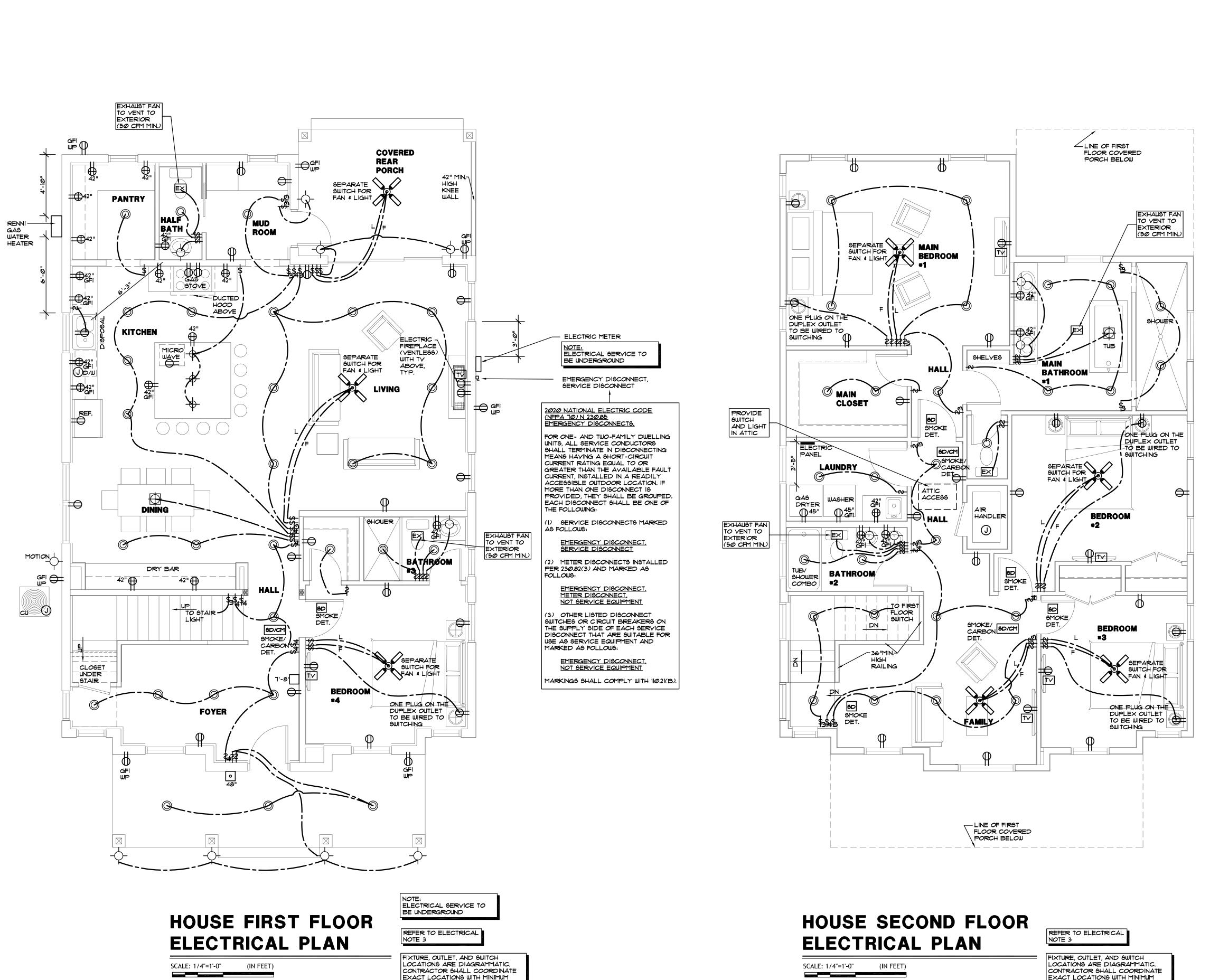


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s2.3

FRAMING PLANS ARE DIAGRAMMATIC ONLY.
REFER TO TRUSS
ENGINEERING DRAWINGS
FOR EXACT PLACEMENT,
LOADS AND TRUSS TO
TRUSS CONNECTION INFO.

THE BEARING WALLS,
COLUMNS, BEAMS,
HEADERS, JOISTS AND
RAFTERS ARE DESIGNED
USING SOUTHERN YELLOW
PINE *2 FOR BOTH GRAVITY
AND UPLIFT LOADS. THERE
SHALL BE NO SUBSTITUTES.



CODE REQUIREMENTS AND OTHER

TRADES WHEN NOT SHOWN IN DETAIL

EXACT LOCATIONS WITH MINIMUM CODE REQUIREMENTS AND OTHER TRADES WHEN NOT SHOWN IN DETAIL

SMOKE ALARM NOTES:

FBC SECTION R314. SMOKE ALARMS

R314.1 GENERAL. SMOKE ALARMS SHALL COMPLY WITH NFPA 12 AND SECTION R314.

FBC R314.1.1 LISTINGS.
SMOKE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217. COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217 AND UL 2034.

R314.2.1 NEW CONSTRUCTION. SMOKE ALARMS SHALL BE PROVIDED IN DWELLING UNITS.

R314.3 LOCATION. SMOKE ALARMS SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS:

- 1. IN EACH SLEEPING ROOM.
- 2. OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE
- 3. ON EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING BASEMENTS AND HABITABLE ATTICS AND NOT INCLUDING CRAWL SPACES AND UNINHABITABLE ATTICS. IN DWELLINGS OR DWELLING UNITS WITH SPLIT LEVELS AND WITHOUT AN INTERVENING DOOR BETWEEN THE ADJACENT LEVELS, A SMOKE ALARM INSTALLED ON THE UPPER LEVEL SHALL SUFFICE FOR THE ADJACENT LOWER LEVEL PROVIDED THAT THE LOWER LEVEL IS LESS THAN ONE FULL STORY BELOW THE UPPER LEVEL.
- 4. SMOKE ALARMS SHALL BE INSTALLED NOT LESS THAN 3 FEET (914 MM) HORIZONTALLY FROM THE DOOR OR OPENING OF A BATHROOM THAT CONTAINS A BATHTUB OR SHOWER UNLESS THIS WOULD PREVENT PLACEMENT OF A SMOKE ALARM REQUIRED BY <u>SECTION R314.3.</u>

R314.4 INTERCONNECTION.
WHERE MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING UNIT IN ACCORDANCE WITH SECTION R314.3, THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL DWELLING UNIT. PHYSICAL INTERCONNECTION OF SMOKE ALARMS SHALL NOT BE REQUIRED WHERE LISTED WIRELESS ALARMS ARE INSTALLED AND ALL ALARMS SOUND UPON ACTIVATION OF ONE ALARM.

EXCEPTION: INTERCONNECTION OF SMOKE ALARMS IN EXISTING AREAS SHALL NOT BE REQUIRED WHERE ALTERATIONS OR REPAIRS DO NOT RESULT IN REMOVAL OF INTERIOR WALL OR CEILING FINISHES EXPOSING THE STRUCTURE, UNLESS THERE IS AN ATTIC, CRAWL SPACE OR BASEMENT AVAILABLE THAT COULD PROVIDE ACCESS FOR INTERCONNECTION WITHOUT THE REMOVAL OF INTERIOR FINISHES.

R314.5 COMBINATION ALARMS.
COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE PERMITTED TO BE USED IN LIEU OF SMOKE ALARMS.

R314.6 POWER SOURCE. SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND, WHERE PRIMARY POWER IS INTERRUPTED, SHALL RECEIVE POWER FROM A BATTERY. WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THAN THOSE REQUIRED FOR OVERCURRENT PROTECTION.

EXCEPTIONS:

- 1. SMOKE ALARMS SHALL BE PERMITTED TO BE BATTERY OPERATED WHERE INSTALLED IN BUILDINGS WITHOUT COMMERCIAL POWER.
- 2. ONE-FAMILY AND TWO-FAMILY DWELLINGS AND TOWNHOMES UNDERGOING A REPAIR, OR A LEVEL I ALTERATION AS DEFINED IN THE FLORIDA BUILDING CODE, MAY USE SMOKE ALARMS POWERED BY 10-YEAR NON-REMOVABLE, NON-REPLACEABLE BATTERIES IN LIEU OF RETROFITTING SUCH DWELLING WITH SMOKE ALARMS POWERED BY THE DWELLING'S ELECTRICAL SYSTEM. A BATTERY-POWERED SMOKE ALARM THAT IS NEWLY INSTALLED OR REPLACES AN EXISTING BATTERY-POWERED SMOKE ALARM AS A RESULT OF A LEVEL 1 ALTERATION MUST BE POWERED BY A NON-REMOVABLE, NON-REPLACEABLE BATTERY THAT POWERS THE ALARM FOR AT LEAST 10 YEARS. THE BATTERY REQUIREMENTS OF THIS SECTION DO NOT APPLY TO A FIRE ALARM, SMOKE DETECTOR, SMOKE ALARM, OR ANCILLARY COMPONENT THAT IS ELECTRONICALLY CONNECTED AS A PART OF A CENTRALLY MONITORED OR SUPERVISED ALARM SYSTEM, THAT USES A LOW-POWER, RADIO FREQUENCY WIRELESS COMMUNICATION SIGNAL± OR THAT CONTAINS MULTIPLE SENSORS, SUCH AS A SMOKE ALARM COMBINED WITH A CARBON MONOXIDE ALARM OR OTHER MULTI SENSOR DEVICES, AND IS APPROVED AND LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.

CARBON MONOXIDE ALARM:

FL. STATUTE 553.885 CARBON MONOXIDE ALARM REQUIRED IN EVERY BUILDING FOR WHICH A BUILDING PERMIT IS ISSUED FOR NEW CONSTRUCTION. HAVING A FOSSIL-FUEL-BURNING HEATER OR APPLIANCE, A FIREPLACE, OR A ATTACHED GARAGE SHALL HAVE AN APPROVED CARBON MONOXIDE ALARM INSTALLED WITHIN 10 FEET OF EACH ROOM USED

ELECTRICAL NOTES:

- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH APPLICABLE CODES AND ORDINANCES. CODES AND ORDINANCES SHALL TAKE PRECEDENCE OVER THE CONSTRUCTION DOCUMENTS ONLY IN THE CASE OF CONFLICT.
- 2. FIXTURE, OUTLET, AND SWITCH LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS WITH MINIMUM CODE REQUIREMENTS AND OTHER TRADES WHEN NOT SHOWN IN DETAIL.
- 3. ALL RECEPTACLES SHALL BE WIRED TO AN ARC FAULT CIRCUIT INTERRUPTER.

ELEC1	TRICAL KEY
SYMBOL	DESCRIPTION
Ħ	DUPLEX CONVENIENCE OUTLET
Ħ	DUPLEX OUTLET ABOVE COUNTER
⊨GFI	GROUND FAULT INTERRUPTER DUPLEX OUTLET
Hup	WATER PROOF DUPLEX OUTLET
⊨	220 VOLT OUTLET
	DUPLEX FLOOR MOUNTED OUTLET
<u>\$</u>	WALL SWITCH (D=DIMMER)
	ELECTRIC PANEL
SD	SMOKE DETECTOR
Ţ✓	TELEVISION CABLE OUTLET
	TELEPHONE
EX	EXHAUST FAN
	FLUORESCENT
l þ	WALL MOUNTED INCANDESCENT LIGHT FIXTURE
	INCANDESCENT LIGHT FIXTURE CEILING RECESSED
	INCANDESCENT LIGHT FIXTURE CEILING MOUNTED
	DOOR CHIME
0	DOOR BELL
4	SOFFIT MOUNTED SPOT LIGHT WITH MOTION SENSOR
9	AIMABLE RECESSED FIXTURE
	HANGING CEILING FIXTURE (OWNER SELECT CHANDELIER)

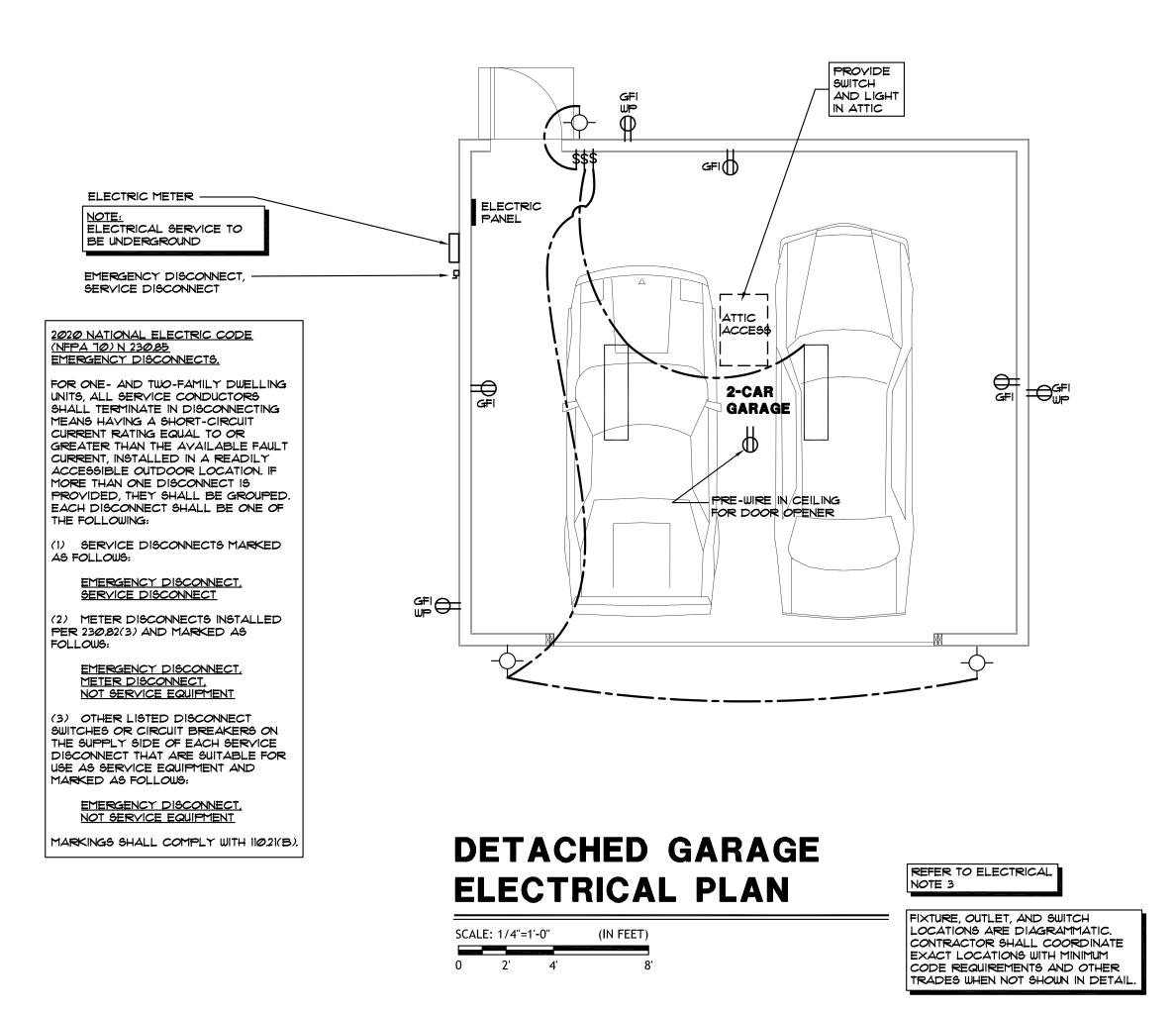
DO NOT SCALE DRAWINGS. USE DIMENSIONS SHOWN ON THE DOCUMENTS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE. NOTIFY THE ARCHITECT REGARDING ANY DISCREPANCIES.

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RCHITECTON architects • planners

Florida

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New Constructi

Petersburg

Garage
Plan

Detached Garage Electrical Foliate No. Revisions:

Project No. 2024-213R Date:



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