AB	ANCHOR BOLT	E	EAST	L	LEADER	REFR	REFRIDGERATOR
ABV AC	ABOVE AIR CONDITION	EA EB	EACH EXPANSION BOLT	LAB LAD	LABORATORY LADDER	reg Reinf	REGISTER REINFORCE(D)(ING)
ACC	ACCESS	EBP	EXSPOSED BLOCK PAINTED	LAM	LAMINATED	REM	REMOVE
ACD ACFL	ACCESS DOOR ACCESS FLOOR	EG EJ	EXSTABLISHED GRADE EXSPANSION JOINT	LAV LBL	LAVATORY LABEL	RET REV	RETURN REVISION
ACP ACR	ACCESS PANEL ACRYLIC PLASTIC	EL ELEC	ELEVATION ELECTRICAL	LCL LEN	LINEN CLOSET LENGTH	RH	RIGHT HAND
ACT	ACOUSTICAL TILE	ELEV	ELEVATOR	LH	LEFT HAND	RL RM	RAIL(ING) ROOM
ACT MAS ADD	ACOUSTICAL MASONRY UNIT ADDENDUM	EMER EMG	EMERGENCY EXSPANDED METAL GUARD	LIN LL	LINOLEUM LIVE LOAD	RO ROW	ROUGH OPENING RIGHT OF WAY
ADJ	ADJUSTABLE	ENCL	ENCLOSURE	LMS	LIMESTONE	S	SOUTH
ADJC AFF	ADJACENT ABOVE FINISH FLOOR	ENT EP	ENTRANCE ELECTRIC PANEL	LP LT	LOW POINT LIGHT	SAC	SUSPENDED ACOUS CEILING
AFG	ABOVE FINISH GRADE	EQ	EQUAL	LTL	LINTEL	SAD SAE	SADDLE SAME AS EXISTING
AGG ALT	AGGREGATE ALTERNATE	EQUIP EST	EQUIPMENT ESTIMATE	LW LWC	LIGHTWEIGHT LIGHTWEIGHT CONC	SAN	SANITATION
ALUM	ALUMINUM	EX	EXAMPLE	LWCB	LIGHTWEIGHT CONC BLOCK	SC SCH	SOLID CORE SCHEDULE
ANOD APPD	ANODIZED APPROVED	EXC EXH	EXCAVATE EXHAUST	LVR	LOUVER	SCN SCW	SCREEN SOLID CORE WOOD
APX	APPROXIMATE	EXIST	EXISTING	MAD MAR	METAL ACCESS DOOR MARBLE	SD	STORM DRAIN
ARCH ASC	ARCHITECT(URAL) ABOVE SUSP CLG	EXP EXPS	EXPANSION EXPOSED	MAS MAT	MASONRY MATERIAL	SEC SFGL	SECTION SAFETY GLASS
ASPH	ASPHALT	EXT	EXTERIOR	MAX	MAXIMIUM	SFT	STRUCTURAL FACING TILE
ASSEM AT	ASSEMBLY ASPHALT TILE	F FA	FIXED FIRE ALARM	MB MBDRM	MASTER BATH MASTER BEDROOM	SHL SHT	SHELF(VING) SHEET
AUD	AUDITORIUM	FAS	FASTEN(ER)	MBR	MEMBER	SIM	SIMILAR
AUTO AUX	AUTOMATIC AUXILLIARY	FBD FBO	FIBERBOARD FURNISHED BY OTHERS	MC MCR	MEDICINE CABINET MEDICINE CABINET, RECESSED	SL SP	SLEEVE SPACE
&	AND	FC FC	FIRE CODE (CORE)	MECH	MECHANIC(AL)	SPEC	SPECIFICATION(S)
@	ANGLE AT	FBRK FCC	FIRE BRICK FLUSHED CONCRETE CURB	MED MEM	MEDIUM MEMBRANE	SPF SPK	SOUNDPROOF SPEAKER
ВС	BRICK COURSE	FD	FLOOR DRAIN	MET	METAL	SQ. FT.	SQUARE FEET(FOOT)
BD	BOARD	FEC	FIRE EXTINGUISHER CABINET	MF MFD	METAL FURRING METAL FLOOR DECKING	SQ. YD. SS	SQUARE YARD(S) STAINLESS STEEL
BEL BFE	BELOW BASE FLOOD ELEVATION	FER FF	FIRE EXTINGUISHER RECESS FACTORY FINISH	MFG	MANUFACTURE(ER)(ING)	STD	STANDARD
BFF	BELOW FINISH FLOOR	FH FIN	FIRE HYDRANT	MHC MIN	MANHOLE COVER MINIMUM	STL STLPLT	STEEL STEEL PLATE
BFG BES	BELOW FINISH GRADE BRONZE EXPANSION SADDLE	FIIN	FINISH(ED) FLUSH JOINT	MIR	MIRROR	STOR	STORAGE
BET	BETWEEN	FLASH	FLASHING	MISC	METAL INSECT SCREEN	STR SUBFL	STRUCTURAL SUBFLOOR(ING)
BIT BL	BITUMINOUS BUILDING LINE	FLD FLOUR	FLOOD FLOURESCENT	MISC MLD	MISCELLANEOUS MOULDING	SUSP	SUSPENDED
BLDG	BUILDING	FLR	FLOOR	MNT MO	MOUNT(ED)(ING) MASONRY OPENING	SYM SYN	SYMMETRY(ICAL) SYNTHETIC
BLK BLKG	BLOCK BLOCKING	FLT FMS	FLUSH THREAD FLUSH MARBLE SADDLE	MOV	MOVABLE	SYS	SYSTEM
BM	BEAM	FND	FOUNDATION FACE OF PRICK	MP MPD	METAL PARTITION	T	TOILET
BOC BOT	BOTTOM OF CURB BOTTOM	FOB FOC	FACE OF BRICK FACE OF CONCRETE	MRD MS	METAL ROOF DECKING METAL STRIP	TB TC	TOWEL BAR TERRA COTTA
BOW	BOTTOM OF WALL	FOF	FACE OF FINISH	MTHR MULL	METAL THRESHOLD MULLION	TEL	TELEPHONE
BPL BRG	BEARING PLATE BEARING	FOM FOS	FACE OF MASONRY FACE OF STUD	N	NORTH	TERR THK	TERRAZZO THICK(NESS)
BRK	BRICK	FP	FIRE PROOF(ING)	NAT	NATURAL	THR	THRESHOLD
BRZ BS	BRONZE BOTH SIDES	FPL FPLT	FIREPLACE FLOOR PLATE	ND NIC	NOMINAL DIAMETER NOT IN CONTRACT	TKBD TO	TACKBOARD TRIMMED OPENING
BSM	BASEMENT	FR	FRAME(D)(ING)	NO	NUMBER	TOF	TOP OF FOOTING
BVL	BEVELED	FR GYP BD FS	FIRE RATED GYPSUM BOARD FLOOR SINK	NOM NR	NOMINAL NOISE REDUCTION	TOSL TOS	TOP OF SLAB TOP OF STEEL
CAB CAFE	CABINET CAFETERIA	FT	FOOT/FEET	NRC	NOISE REDUCTION COEFFICIENT	TOW	TOP OF WALL
CARP	CARPET	FTG FUT	FOOTING FUTURE	NTS	NOT TO SCALE	TPTN TR	TOILET PARTITION TRANSOM
CB CEM	CATCH BASIN CEMENT	FVS	FLUSH VINYL SADDLE	OA OAI	OVERALL OUTSIDE AIR INTAKE	TRD	TREAD
CER	CERAMIC	GA	GUAGE	OC	ON CENTER	TV TYP	TELEVISION TYPICAL
CG CI	CORNER GUARD CAST IRON	GALV GB	GALVANIZED GLAZED BLOCK	OD OFE	OUTSIDE DIAMETER OWNER FURNISHED EQUIPMENT	T&G	TONGUE AND GROOVE
CIR	CIRCLE	GC	GENERAL CONTRACTOR	OFF	OFFICE	UNF	UNFINISHED
CIRC CJ	CIRCUMFERENCE CONTROL JOINT	GCMU GD	GLAZED CMU GRADE(ING)	OFS OH	OVER FLOW SCUPPER OVERHEAD	UV UR	UNIT VENTILATOR URINAL
CL	CENTER LINE	GDBM	GRADE BEAM	OPG	OPENING	VAT	VINYL ASBESTOS TILE
CLG CLL	CEILING CONTRACT LIMIT LINE	GDEL GDEL	GRADE ELEVATION GRADE ELEVATION	OPH OPP	OPPOSITE HAND OPPOSITE	VAR	VARNISH
CLOS	CLOSET	Gl	GALVINIZED IRON	OSB	ORIENTED STRAND BOARD	VB VCT	VINYL BASE VINYL COMPOSITION TILE
CLR CLS	CLEAR(ANCE) CLOSURE	GL GLF	GLASS GLASS FIBER	PAR	PARALLEL	VERT	VERTICAL
CMT	CERAMIC MOSAIC TILE	GR	GRILLE	PART PB	PARTITION PANIC BAR	VG VIN	VERTICAL GRAIN VINYL
CMU COL	CONC MASONRY UNIT COLUMN	GRN GRND	GRANITE GROUND	PBD	PARTICLE BOARD	VINF	VINYL FABRIC
COMP	COMPOSITION	GT	GROUT	PCF PE	POUNDS PER CUBIC FOOT PORCELIN ENAMEL	VPB VJ	VAPOR BARRIER "V" JOINT(ED)
CONC	CONNECTION CONCRETE	GV GVP	GAS VALVE GYP VERMICULITE PLASTER	PER	PERIMETER PERIODATE (D)	VNR	VENEER
CONST	CONSTRUCTION	GWT	GLAZED WALL TILE	PERF PFB	PERFORATE(D) PREFABRICATE(D)	VT VWC	VINYL TILE VINYL WALL COVERING
CONT CONTR	CONTINUOUS CONTRACT(OR)	GYP BD	GYPSUM BOARD	PG	PLATE GLASS PLATE	W	WEST
CORR	CORRIDOR CORRUGATED	H HB	HIGH HOSE BIB	PL PLAM	PLASTIC LAMINATE	W/	WITH
CORR CPR	COPPER	HBD	HARDBOARD	PLAS PLATF	PLASTER PLATFORM	WB WC	WOOD BASE WATER CLOSET
CRS CSMT	COURSE(S) CASEMENT	HC HD	HOLLOW CORE HEAVY DUTY	PLF	POUNDS PER LINEAR FOOT	WDWT	WOOD WAINSCOT
CST	CAST STONE	HDCP	HANDICAPPED	PLN PLYWD	PLATE PLYWOOD	WDWT WG	WOOD WAINSCOT WIRED GLASS
CMT CU. FT	CERAMIC TILE CUBIC FEET	HDWR HDR	HARDWARE HEADER	PLUM	PLUMBING	WH	WALL HUNG
CU. YD	CUBIC YARD	HGT	HEIGHT	PNL PNT	PANEL PAINT(ED)	WID WIN	WIDE(WIDTH) WINDOW
D	DRAIN	HM HNDR	HOLLOW METAL HAND RAIL	PRT	PRESSURE TREATED	WM	WIRE MESH
DA DB	DOUBLE ACTING DISPLAY BOARD	HOR	HORIZONTAL	PSF PSI	POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH	WO WP	WITHOUT WATERPROOFING
DBL	DOUBLE	HP HR	HIGH POINT HOUR(LY)	PT	POINT	WSCT WWF	WAINSCOT
DC DEP	DUST CHUTE DEPRESSED	HTG	HEATING	PTT PVC	PRECAST TERRAZZO TILE POLYVINYL CHLORIDE	VVVVF	WELDED WIRE FABRIC
DEPT	DEPARTMENT	HVAC HWH	HEATING VENT & AIR COND HOT WATER HEATER	PVMT	PAVEMENT		
DET DF	DETAIL DRINKING FOUNTAIN	ID	INSIDE DIAMETER	QT	QUARRY TILE		
DH	DOUBLE HUNG	INCL INSUL	INCLUDE (D)(ING) INSULATION (D)(ION)	R	RISER		
DIA DIAG	DIAMETER DIAGONAL	INSUL INT	INTERIOR	RAD RAG	RADIUS RETURN AIR GRILLE		
DIM	DIMENSION	INTM	INTERMEDIATE	RB	RUBBER BASE		
DISP DISP CAB	DISPENSER DISPLAY CABINET	JT JF	JOINT JOINT FILLER	RBL RBT	RUBBLE STONE RABBET		
DL	DEAD LOAD	KP	KICKPLATE	RBTL	RUBBER TILE		
DN DO	DOWN DITTO	KIT	KITCHEN	RCP RD	REINFORCED CONC PIPE ROOF DRAIN		
DP	DAMPROOFING	КО	KNOCKOUT	REC	RECESS(ED)		
DPR DR	DAMPER DOOR			REF	REFLECT(ED)(IVE)(OR)		
DS	DOWNSPOUT						
DT DTL	DRAIN TILE DETAIL						
DWG	DRAWING						

FIRE-RESISTANCE RATING	-	-	****	Name of the Park o	•	-	- maker con a consequence of the second		
BUILDING ELEMENT	TYI	PE I	TYF	E#	TYP	EM	TYPE IV	TYF	E V
Primary structural frame' (see Section 202)	3,	2*		0	î	0	IIT	1	0
Bearing walls Exterior Interior	3,	2 2*	1	0	2	2 0	2 1/HT	l l	0
Nonbearing walls and partitions Exterior		kanalan inagan tepa annagan gagan m	Berkhafter (1991 descriptions on the colors)	Se	e Table 6	02	ng again naga ir na a tao ri Silippina na Pingti ang mga na	***************************************	Province Telephone (Ann
Nonbearing walls and partitions Interior ^a	0	0	O	0	0	0	See Section 602.4.6	0	0
Floor construction and associated secondary members (see Section 202)	2	2	ey'i son hin we ya sonialiyadiga nagasi	0	Singularia con in principio, con in infe	0	нт	idorati y cayo e nimbilido n	0
Roof construction and associated secondary members (see Section 202)	17/2	15%	1%	O ^r	16.0	0	нт	117/	0

a. Roof supports: Fire-resistance ratings of primary structural frame and bearing walls are permitted to be reduced by 1 hour where supporting a roof only. b. Except in Group F-1, H. M and S-1 occupancies, fire protection of structural members shall not be required, including protection of roof framing and decking where every part of the roof construction is 20 feet or more above any floor immediately below. Fire-retardant-treated wood members shall be allowed to be used for such unprotected members. c. In all occupancies, heavy timber shall be allowed where a 1-hour or less fire-resistance rating is required.

		ince rating based on tire separati ince rating as referenced in Sect			
	FIRE-RESISTANCE R	ATING REQUIREMENTS FO	TABLE 602 OR EXTERIOR WALLS BA	SED ON FIRE SEPAI	RATION DISTANCE ^{s, d, g}
-	FIRE SEPARATION DISTANCE = X (feet)	TYPE OF CONSTRUCTION	OCCUPANCY GROUP HT	OCCUPANCY GROUP F-1, M, S-1'	OCCUPANCY GROUP A, B, E, F-2, I, R, S-2, U'
-	X < 5°	All	3	2	

 $5 \le X < 10$ $10 \le X < 30$ IIB, VB X ≥ 30

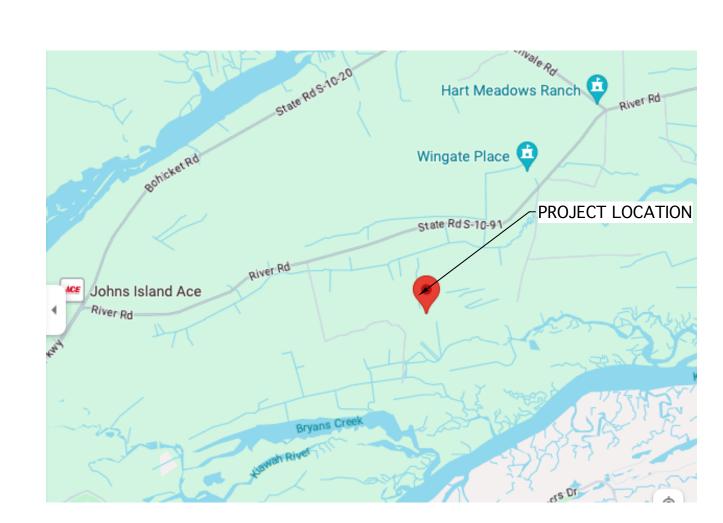
For SI: 1 foot = 304.8 mm. a. Load-bearing exterior walls shall also comply with the fire-resistance rating requirements of Table 601.

d. Not less than the fire-resistance rating required by other sections of this code.

c. Open parking garages complying with Section 406 shall not be required to have a fire-resistance rating. d. The fire-resistance rating of an exterior wall is determined based upon the fire separation distance of the exterior wall and the story in which the wall is e. For special requirements for Group H occupancies, see Section 415.6. f. For special requirements for Group S aircraft hangars, see Section 412.4.1.

g. Where Table 705.8 permits nonbearing exterior walls with unlimited area of unprotected openings, the required fire-resistance rating for the exterior walls is h. For a building containing only a Group U occupancy private garage or carport, the exterior wall shall not be required to have a fire-resistance rating where the fire separation distance is 5 feet (1523 mm) or greater.

7 IBC TABLE 601 / 602



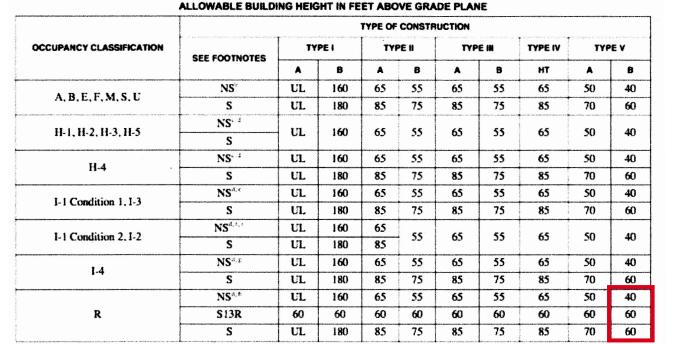


TABLE 504.3*

For SI: 1 foot = 304.8 mm. Note: UL = Unlimited; NS = Buildings not equipped throughout with an automatic sprinkler system; S = Buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1; S13R = Buildings equipped throughout with an automatic sprinkler system installed in

a. See Chapters 4 and 5 for specific exceptions to the allowable height in this chapter. b. See Section 903.2 for the minimum thresholds for protection by an automatic sprinkler system for specific occupancies.

 New Group H occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.5. d. The NS value is only for use in evaluation of existing building height in accordance with the South Carolina Existing Building Code. e. New Group I-1 and I-3 occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.6. For new Group I-1 occupancies Condition 1, see Exception 1 of Section 903.2.6. f. New and existing Group I-2 occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.6 and Section 1103.5

of the South Carolina Fire Code. g. For new Group I-4 occupancies, see Exceptions 2 and 3 of Section 903.2.6. h. New Group R occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.8.

	TYPE OF CONSTRUCTION										
OCCUPANCY CLASSIFICATION	trophysical metra for directly information for this up in a remarkation of the second	TYPEI		TYPE II		TYPE III		TYPE IV	TYPE V		
	SEE FOOTNOTES	A	В	A	В	A	В	HT.	3 4 4 3 4 4 3 4 4 3 4 4 3 4 4 3 4 3 4 3	8	
	NS ^{d, b}	UL 11	4					3	2		
R-1	S13R	4	4	***	4	4	4	4	4	3	
	S	UL	12	5	5	5	5	B HT A 3 4 3 4 3 4 5 5 4 4 3 4 5 5 4 4 3 4 5 5 4 4 3 4 5 5 4 2 4 3 3 5 4 4 5 5 2 4 2	3		
	NS ^{a, h}	UL	11	4	4	4	4	4	3	2	
R-2	S13R	4	4	4					4	3	
	S	UL	12	5	5	5	5	5	3 4 4 3 4 4 3 4 4 3 4 4 5	3	
	NS ^{d, b}	UL	11	4	4		4	4	3	3	
R-3	S13R	4	4			4			4	4	
	S	UL	12	5	5	5	5	5	A 3 4 4 3 4 4 3 4 4 3 4 4 5 2	4	
ryski i jekin i megany, mini (godin garinggan) dikadiyada ndar nda sinakan dan dan dan keni dah namida namida n	NS ^d , b	UL	11	Anna Carana Anna Anna Anna Anna Anna Anna Anna	4	4	4	4	3	2	
R-4	S13R	4	4	4		4			4	3	
	S	UL	12	5	5	5	5	5	4	3	
	NS	UL	11	4	2	3	2	4	3	1	
S-1	S	UL	12	5	3	4	3	5	4	2	
objective, respectively, and the english of the enterprise of the enterprise designation of the enterprise	NS	UL	11	5	3	4	3	4	4	2	
S-2	S	UL	12	6	4	5	4	5	5	3	
an was no singer to what the season and an extension of the season of the season of the season of the season of	NS	UL	5	4	2	3	2	4	2	1	
· U	S	UL	6	5	3	4	3	5	3	2	

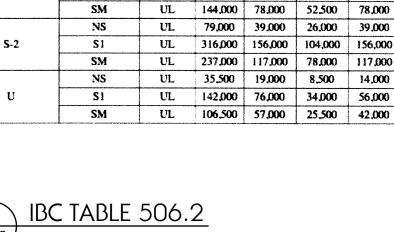
with an automatic sprinkler system installed in accordance with Section 903.3.1.1; S13R = Buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.2. a. See Chapters 4 and 5 for specific exceptions to the allowable height in this chapter. See Section 903.2 for the minimum thresholds for protection by an automatic sprinkler system for specific occupancies.

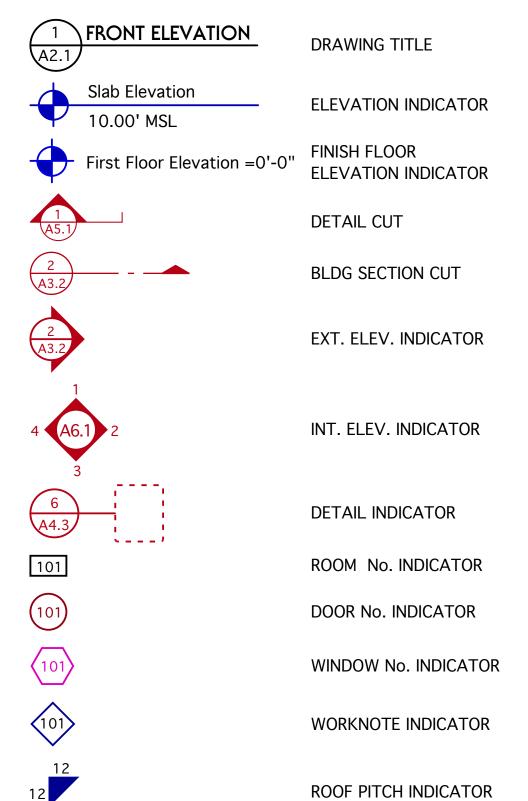
 New Group H occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.5. d. The NS value is only for use in evaluation of existing building height in accordance with the South Carolina Existing Building Code. e. New Group I-1 and I-3 occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.6. For new Group I-1 occupancies, Condition 1, see Exception 1 of Section 903.2.6. f. New and existing Group I-2 occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.6 and Section 1103.5 of the South Carolina Fire Code.

TABLE 506.2 $^{\rm h}$ —continued ALLOWABLE AREA FACTOR (A, = NS, S1, S13R, or SM, as applicable) IN SQUARE FEET

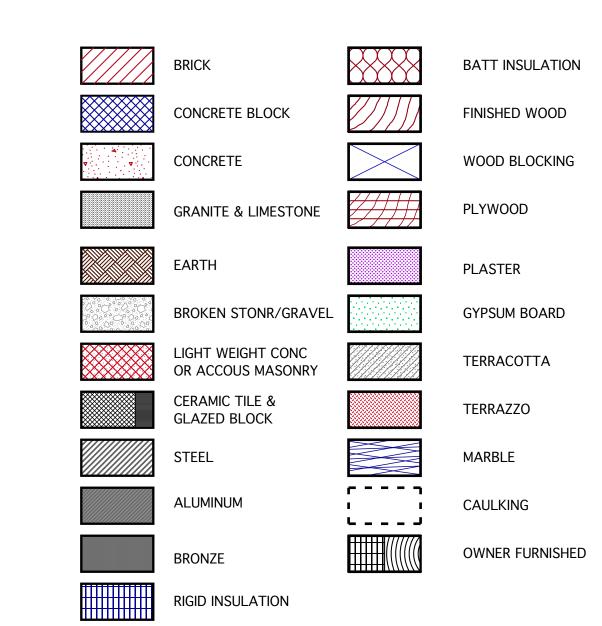
g. For new Group 1-4 occupancies, see Exceptions 2 and 3 of Section 903.2.6. h. New Group R occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.8.

OCCUPANCY LASSIFICATION	SEE FOOTNOTES	TYPEI		TYPE N		TYP	E M	TYPE IV	TYPE V	
LASSIFICATION		A	8	A	8	A	В	HT	A	8
	NS	UL	55,000	19,000	10,000	16,500	10,000	18,000	10,500	4,500
1-1	S1	UL	220,000	76,000	40,000	66,000	40,000	72,000	42,000	18,000
	SM	UL	165,000	57,000	30,000	49,500	30,000	54,000	31,500	13,500
an ethyte, gara, f f Margard ad, a f margar en dagen i gar a a a a feilige f	NS ^{2.1}	UL	UL	15,000	11,000	12,000	NP	12,000	9,500	NP
1-2	SI	UL	UL	60,000	44,000	48,000	NP	48,000	38,000	NP
	SM	UL	UL	45,000	33,000	36,000	NP	36,000	28,500	NP
a kingi, michang ayanti ni mayadga 7 milanga sikhanang ini mini nasa hili	NS ^{4 c}	UL	UL	15,000	10,000	10,500	7.500	12,000	7,500	5,000
1-3	SI	UL	UL	45,000	40,000	42,000	30,000	48,000	30,000	20,000
	SM	UL	UL	45,000	30,000	31,500	22,500	36,000	22,500	15,000
	NS ^{d. g}	UL	60.500	26,500	13,000	23,500	13,000	25,500	18,500	9,000
T-2	SI	UL	121,000	106,000	52,000	94,000	52,000	102,000	74,000	36,000
	SM	UL	181,500	79,500	39,000	70,500	39,000	76,500	55,500	27,000
	NS	UL	UL	21,500	12,500	18,500	12,500	20,500	14,000	9,000
М	SI	UL	UL	86,000	50,000	74,000	50,000	82,000	56,000	36,000
	SM	UL	UL	64,500	37,500	55,500	37,500	61,500	42,000	27,000
R-1	NS ^{d, 6} S13R	UL	UL.	24,000	16,000	24,000	000,61	20,500	12,000	7,000
	S1	UL	UL	96,000	64,000	96,000	64,000	82,000	48,000	28,000
	SM	UL	UL	72,000	48,000	72,000	48,000	61,500	36,000	21,000
	NS ^{d,h}	UL		24.000		34.000		20.500		
R-2	S13R		UL	24,000	16,000	24,000	16,000	20.500	12,000	7,000
	Sì	UL	UL	96,000	64,000	96,000	64,000	82,000	48,000	28,000
	SM	UL	UL.	72,000	48,000	72,000	48,000	61,500	36,000	21,000
erang ining dengang manaka di Parangan mpanahan nan ban da ininan in	NS ^{d, h}	ir neganişti verçenirinin ve ranyanı geli.	Angua da Ang	UL	UL	UL	UL	UL	UL	UL
D 3	S13R	1 17								
K-3 :	S1	UL	UL							
	SM								el de como de Ciria.	
I-3 I-4 M R-1 R-2 R-3	NS ^{d, b}	* ************************************		24 000	12.000	24.000		•		7.000
D 4	S13R	UL	UL	24,000	16,000	24,000	16,000	20,500	12,000	7,000
K-4	SI	UL	UL	96,000	64,000	96,000	64,000	82,000	48,000	28,000
•	SM	UL	UL	72,000	48,000	72,000	48,000	61,500	A 10,500 42,000 31,500 9,500 38,000 28,500 7,500 30,000 22,500 18,500 14,000 55,500 14,000 42,000 12,000 48,000 36,000 41,000 36,000 42,000 42,000 42,000 42,000 42,000 42,000 42,000 42,000 44,000 36,000 42,000 42,000 36,000 42,000 42,000 36,000 42,000 36,000 42,000 36,000 42,000 36,000 42,000 36,000 42,000 36,000 42,000 36,000 42,000 36,000 42,000 36,000 42,000 36,000	21,000
and the second s	NS	UL	48,000	26,000	17,500	26,000	17,500	25,500	14,000	9,000
S-1	SI	UL	192,000	104,000	70,000	104,000	70,000	102,000	56,000	36,000
	SM	UL	144,000	78,000	52,500	78,000	52,500	76,500	42,000	27,000
	NS	UL	79,000	39,000	26,000	39,000	26,000	38,500	21,000	13,500
S-2	SI	UL	316,000	156,000	104,000	156,000	104,000	154,000	84,000	54,000
	SM	UL	237,000	117,000	78,000	117,000	78,000	115,500	63,000	40,500
	NS	UL	35,500	19,000	8,500	14,000	8,500	18,000	9,000	5,500
U	SI	UL	142,000	76,000	34,000	56,000	34,000	72,000	36,000	22,000
	SM	UL	106,500	57,000	25,500	42,000	25,500	54,000		16,500











GENERAL NOTES:

ALL INFORMATION BASEC ON 2021 INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS & SC STATE **AMENDMENTS**

1. OCCUPANCY CLASSIFICATION:

R3 SINGLE FAMILY RESIDENTIAL WHERE THE OCCUPANTS ARE PRIMARILY PERMANENT IN NATURE AND NOT CLASSIFIED AS R1, R2,OR I.

2. AREA OF BUILDING:

AREA OF GARAGE: 1,030 SQ FT AREA OF MAIN FLOOR: 2,537 SQ FT AREA OF COVERED PORCHES: 270 SQ FT AREA OF SCREENED PORCH: 316 SQ FT AREA OF OPEN DECKS (INCL POOL): 850 SQ FT 1,327 SQ FT AREA OF UPPER FLOOR: AREA OF RETREAT: 734 SQ FT TOTAL HEATED AREA: 4,598 SQ FT

HEIGHT OF BUILDING:

HEIGHT OF BUILDING ABOVE AVERAGE GRADE: 23'-11" HEIGHT OF BUILDING ABOVE DESIGN FLOOD ELEVATION: 20'-11" NO. OF STORIES - 1-1/2

4. <u>CONSTRUCTION CLASSIFICATION:</u>

BULDING SHALL BE TYPE V CONSTRUCTION. TYPE V IS CONSTRUCTION IN WHICH THE STRUCTURAL ELEMENTS, EXTERIOR WALLS AND INTERIOR WALLS ARE OF ANY MATERIAL PERMITTED BY THIS CODE.

5. **BUILDING INSULATION:**

MAIN FLOOR - CLOSED CELL SPRAY FOAM INSULATION MIN. R-19 EXTERIOR WALLS - 6" FIBERGLASS BATT INSULATION MIN. R-19 CEILING / ROOF - OPEN CELL SPRAY FOAM INSULATION MIN. R-30

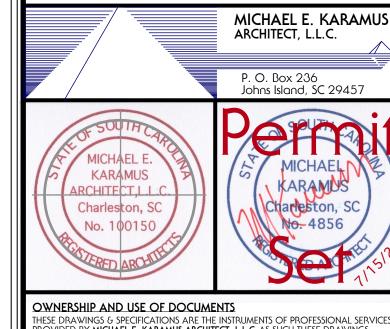


New Residence

Port City Homes 2486 Bald Eagle Johns Island, SC 29455

Revisions:

GENERAL PROJECT INFORMATION



ese drawings & specifications are the instruments of professional service ovided by **michael e. Karamus architect**, **l.l.c.** as such,these drawings ARE NOT TO BE USED OR REPRODUCED, EITHER IN PART OR WHOLLY BY ANY PATIES FOR ANY USE OTHER THAN THE PROJECT DESCRIBED HEREIN, ALL INFORMATION CONTAINED IN THESE DOCUMENTS, BOTH WRITTEN AND VISUAL, IS AND SHALL REMAIN THE PROPERT OF MICHAEL E. KARAMUS ARCHITECT, L.L.C.. PLANS SHALL BE STAMPED, DATED, & SIGNED IN COLOR. CONTACT ARCHITECT FOR PROPER COLOR APPLICATION PER PROJECT. Checked: Drawn:

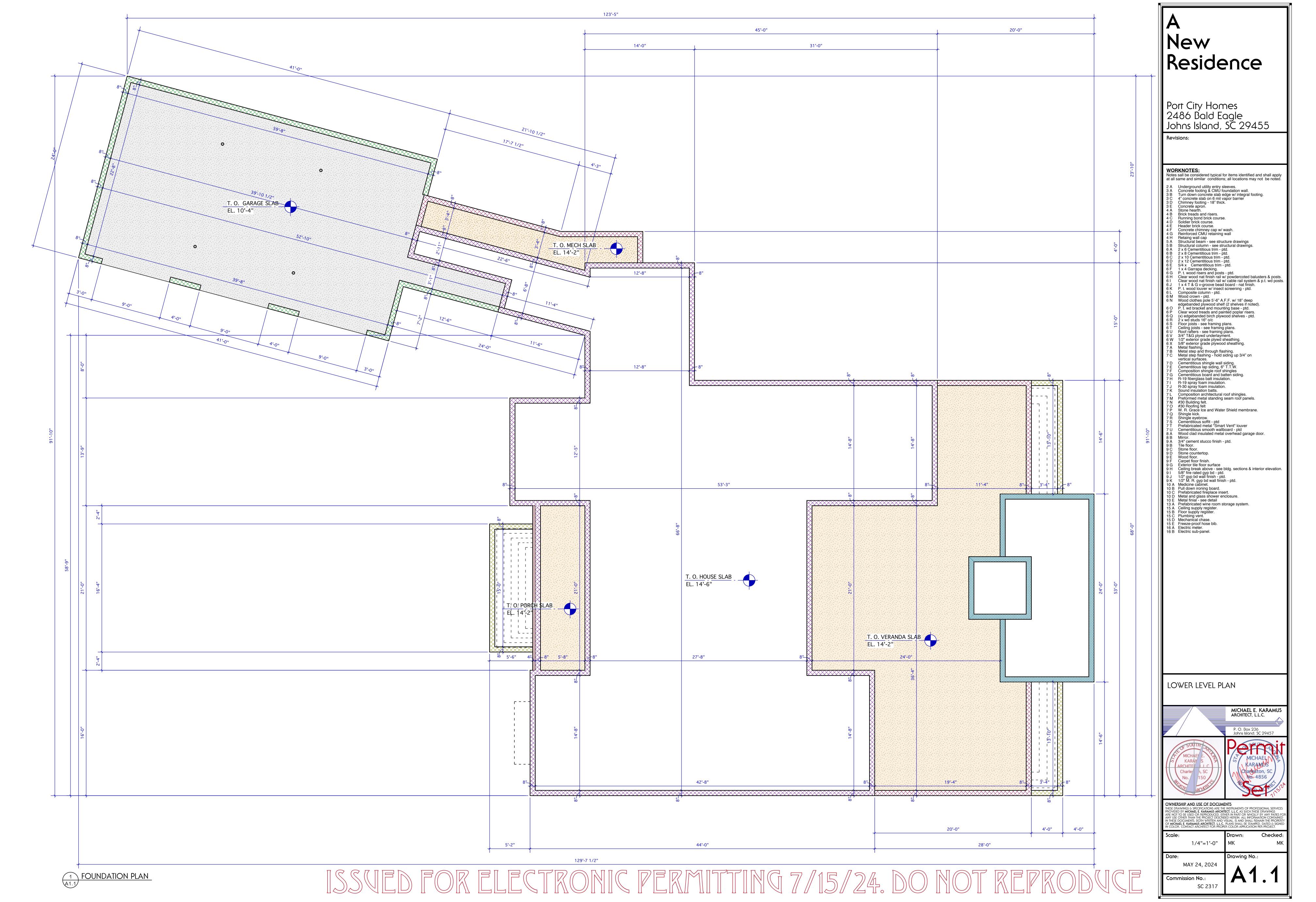
JULY 15, 2024 Commission No.:

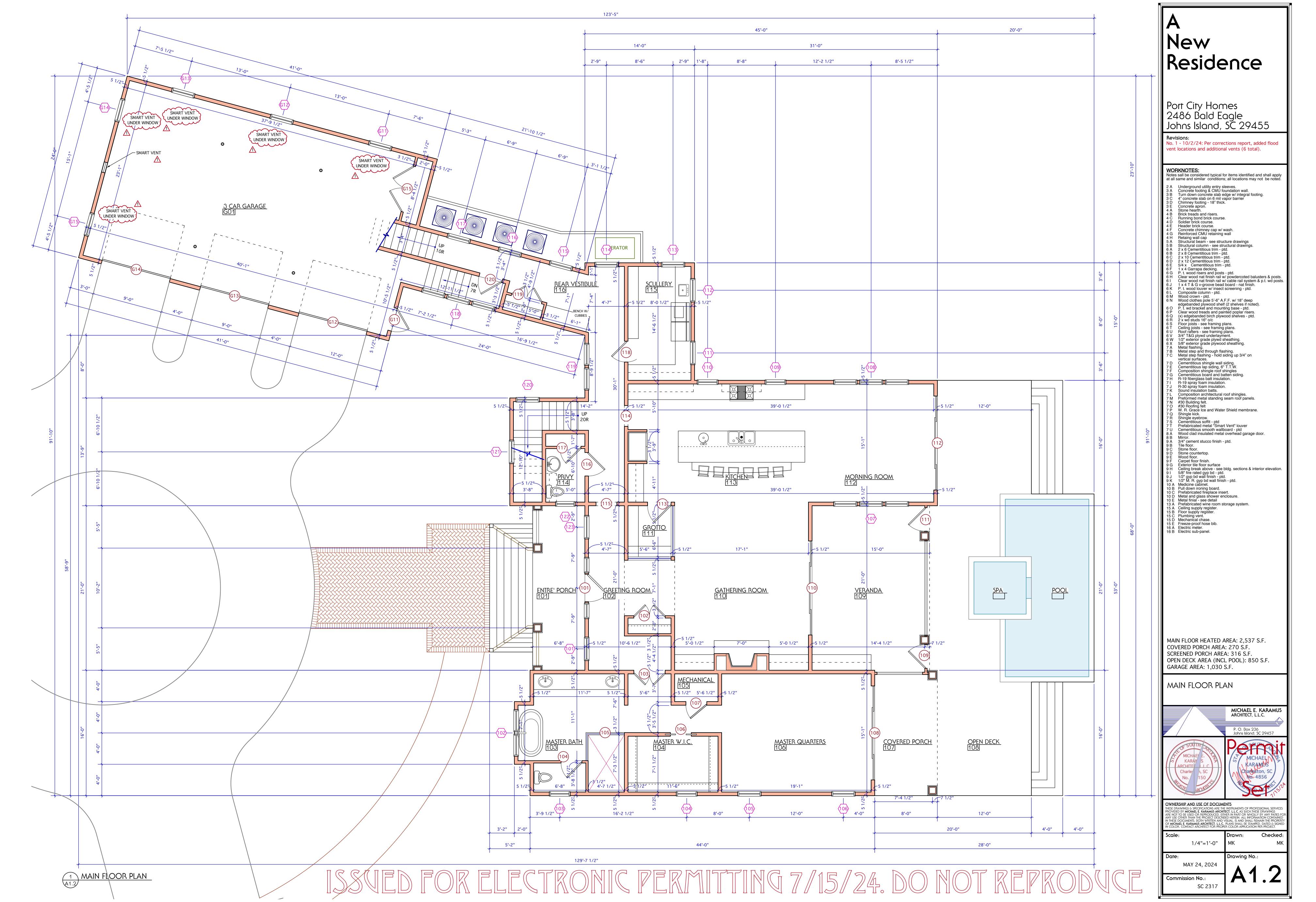
SC 2317

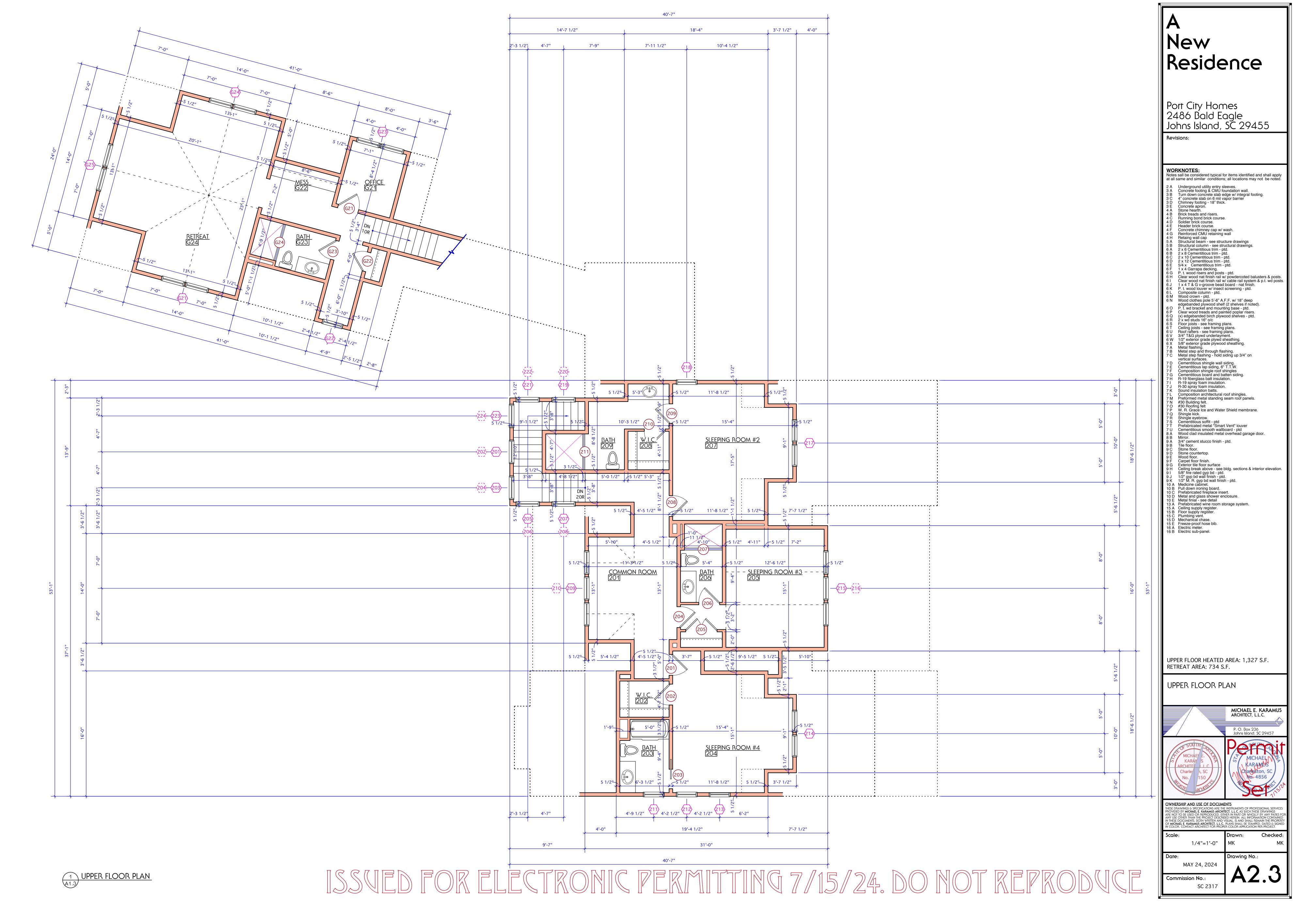
4 ABBREVIATIONS

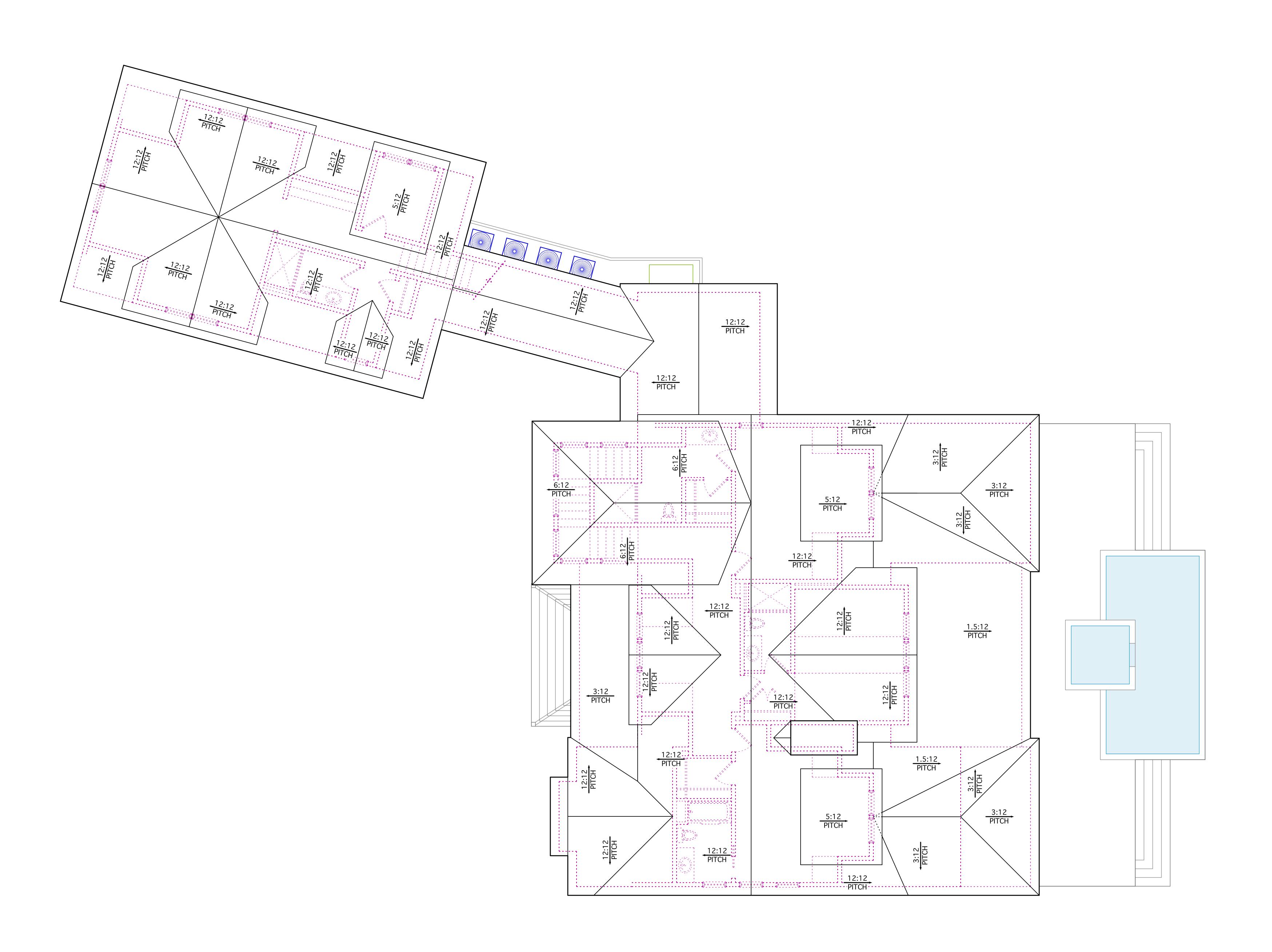
2 LOCATER MAP

2 IBC TABLE 506.2











Port City Homes 2486 Bald Eagle Johns Island, SC 29455

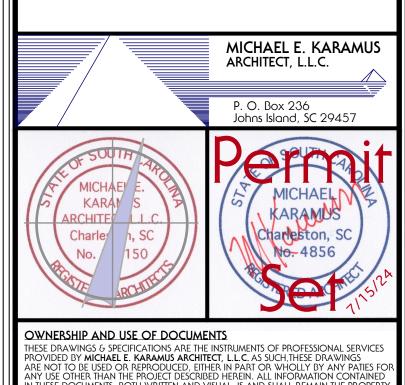
Revisions:

WORKNOTES: Notes sall be considered typical for items identified and shall apply at all same and similar conditions; all locations may not be noted. Underground utility entry sleeves.
Concrete footing & CMU foundation wall. Turn down concrete slab edge w/ integral footing. 4" concrete slab on 6 mil vapor barrier Chimney footing - 18" thick. Concrete apron. Stone hearth. Brick treads and risers. Running bond brick course. Soldier brick course. Header brick course. Concrete chimney cap w/ wash. Reinforced CMU retaining wall 4 H Retaing wall cap Structural beam - see structure drawings 5 B Structural column - see structural drawings 2 x 6 Cementitious trim - ptd. 6 B 2 x 8 Cementitious trim - ptd. 2 x 10 Cementitious trim - ptd. 2 x 12 Cementitious trim - ptd. 5/4 x Cementitious trim - ptd 1 x 4 Garrapa decking. 6 G P. t. wood risers and posts - ptd. 6 H Clear wood nat finish rail w/ powdercoted balusters & posts. Clear wood nat finish rail w/ cable rail system & p.t. wd posts 6 J 1 x 4 T & G v-groove bead board - nat finish. 6 K P. t. wood louver w/ insect screening - ptd. Composite column - ptd. 6 M Wood crown - ptd. 6 N Wood clothes pole 5'-6" A.F.F. w/ 18" deep edgebanded plywood shelf (2 shelves if noted). P. t. wd bracket and mounting base - ptd. Clear wood treads and painted poplar risers. 6 Q (x) edgebanded birch plywood shelves - ptd. 6 R 2 x wd studs 16" o/c Floor joists - see framing plans. 6 T Ceiling joists - see framing plans. 6 U Roof rafters - see framing plans. 6 V 3/4" T&G plywd underlayment. 6 W 1/2" exterior grade plywd sheathing.
6 X 5/8" exterior grade plywood sheathing. Metal flashing.

Metal step and through flashing.

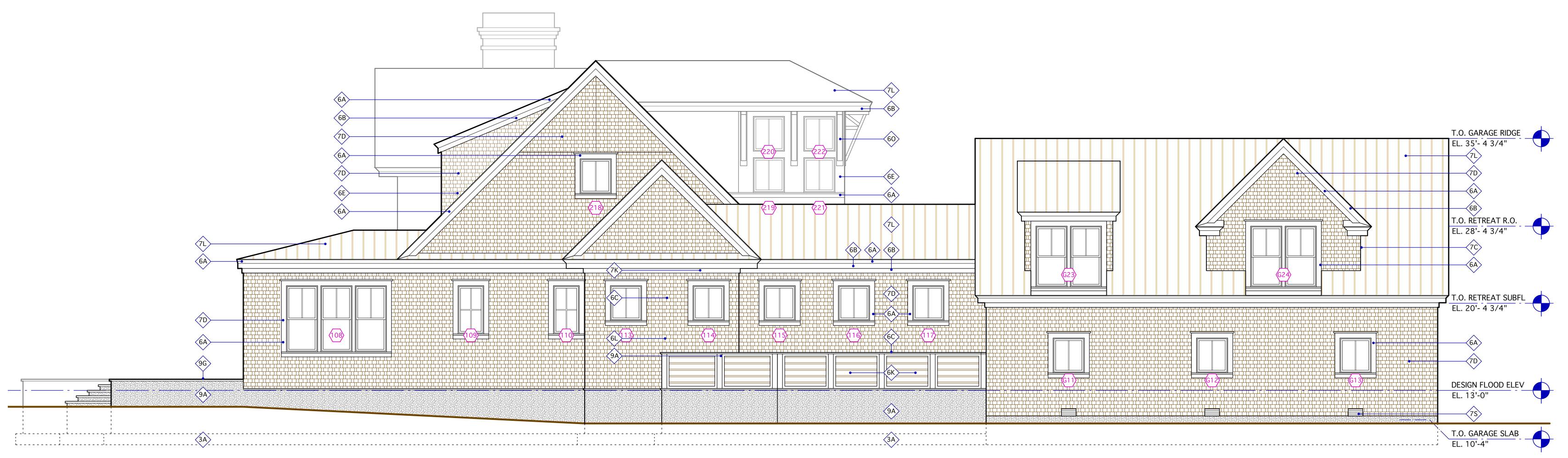
Metal step flashing - hold siding up 3/4" on vertical surfaces. Cementitious shingle wall siding. Cementitious lap siding, 6" T.T.W. Composition shingle roof shingles Cementitious board and batten siding. R-19 fiberglass batt insulation. R-19 spray foam insulation. R-30 spray foam insulation. Composition architectural roof shingles. 7 M Preformed metal standing seam roof panels. 7 N #30 Building felt. 7 O #30 Roofing felt 7 P W. R. Grace Ice and Water Shield membrane. Shingle kick.
Shingle eyebrow.
Cementitious soffit - ptd Prefabricated metal "Smart Vent" louver Cementitious smooth wallboard - ptd Wood clad insulated metal overhead garage door. 3/4" cement stucco finish - ptd. Stone floor. Stone countertop Wood floor.
Carpet floor finish.
Exterior tile floor surface Ceiling break above - see bldg. sections & interior elevation. 5/8" fire rated gyp bd - ptd. 9 J 1/2" gyp bd wall finish - ptd. 9 K 1/2" M. R. gyp bd wall finish - ptd. 10 A Medicine cabinet. 10 B Pull down ironing board. Prefabricated fireplace insert. D Metal and glass shower enclosure. E Metal finial - see detail 13 A Prefabricated wine room storage system. 15 A Ceiling supply register.15 B Floor supply register. C Plumbing vent.
D Mechanical chase. 15 E Freeze-proof hose bib. 16 A Electric meter.
16 B Electric sub-panel.

ROOF PLAN



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1/4"=1'-0" MAY 24, 2024 Commission No.: SC 2317

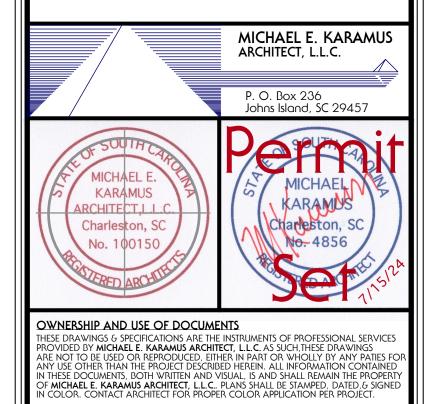


2 LEFT SIDE ELEVATION



New Residence Port City Homes 2486 Bald Eagle Johns Island, SC 29455 Revisions: **WORKNOTES:** Notes sall be considered typical for items identified and shall apply at all same and similar conditions; all locations may not be noted. Concrete footing & CMU foundation wall. Turn down concrete slab edge w/ integral footing. 4" concrete slab on 10 mil vapor barrier Chimney footing - 18" thick. Concrete apron. Stone hearth. Brick treads and risers. Running bond brick course. Soldier brick course. Header brick course. Concrete chimney cap w/ wash. Reinforced CMU retaining wall Retaing wall cap Structural beam - see structure drawings Structural column - see structural drawings 2 x 6 Cementitious trim - ptd. 2 x 8 Cementitious trim - ptd. 2 x 10 Cementitious trim - ptd. 2 x 12 Cementitious trim - ptd. 5/4 x Cementitious trim - ptd. 1 x 4 Garrapa decking. P. t. wood risers and posts - ptd. Clear wood nat finish rail w/ powdercoted balusters & posts. Clear wood nat finish rail w/ cable rail system & p.t. wd posts. 1 x 4 T & G v-groove bead board - nat finish. Cementitious louver - ptd. Composite column - ptd. 6 M Wood crown - ptd. 6 N Wood clothes pole 5'-6" A.F.F. w/ 18" deep edgebanded plywood shelf (2 shelves if noted). P. t. wd bracket and mounting base - ptd. Clear wood treads and painted poplar risers. (x) edgebanded birch plywood shelves - ptd. 2 x wd studs 16" o/c Floor joists - see framing plans. Ceiling joists - see framing plans. Roof rafters - see framing plans. 3/4" T&G plywd underlayment. 6 W 1/2" exterior grade plywd sheathing. 6 X 5/8" exterior grade plywod sheathing. Metal flashing. Metal step and through flashing. Metal step flashing - hold siding up 3/4" on vertical surfaces. Cementitious shingle wall siding. Cementitious lap siding, 6" T.T.W. Cementitious board and batten siding. R-19 fiberglass batt insulation. R-19 spray foam insulation. R-30 spray foam insulation. Sound insulation batts. 7 L Preformed metal standing seam roof panels. 7 M #30 Building felt. 7 N #30 Roofing felt 7 O W. R. Grace Ice and Water Shield membrane. Shingle kick. Shingle eyebrow. Cementitious soffit - ptd Prefabricated metal "Smart Vent" louver Cementitious smooth wallboard - ptd Wood clad insulated metal overhead garage door. Insect screening. 3/4" cement stucco finish - ptd. Tile floor. 9 C Stone floor. 9 D Stone countertop. 9 E Wood floor. 9 F Carpet floor finish. 9 G Exterior tile floor surface Ceiling break above - see bldg. sections & interior elevation. 5/8" fire rated gyp bd - ptd. 1/2" gyp bd wall finish - ptd. 1/2" M. R. gyp bd wall finish - ptd. 10 A Medicine cabinet. 10 B Pull down ironing board. Prefabricated fireplace insert. Metal and glass shower enclosure. Metal finial - see detail 3 A Prefabricated wine room storage system. 13 B Swimming pool construction.15 A Ceiling supply register.15 B Floor supply register. C Plumbing vent. D Mechanical chase. 15 E Freeze-proof hose bib. 16 A Electric meter. 16 B Electric sub-panel.

EXTERIOR ELEVATIONS



Checked:

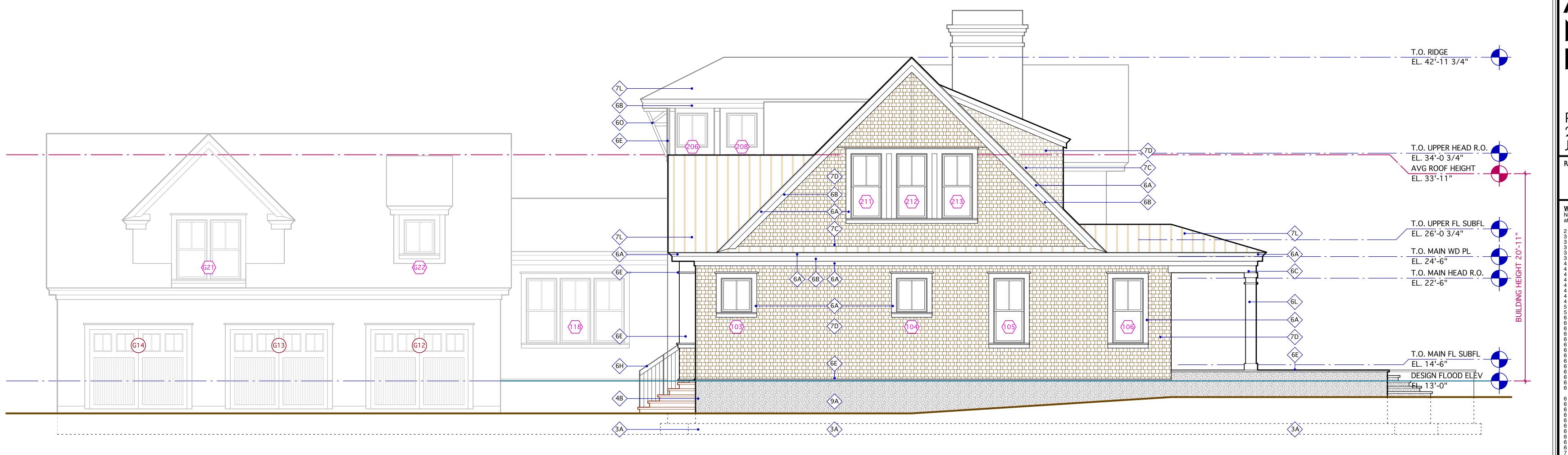
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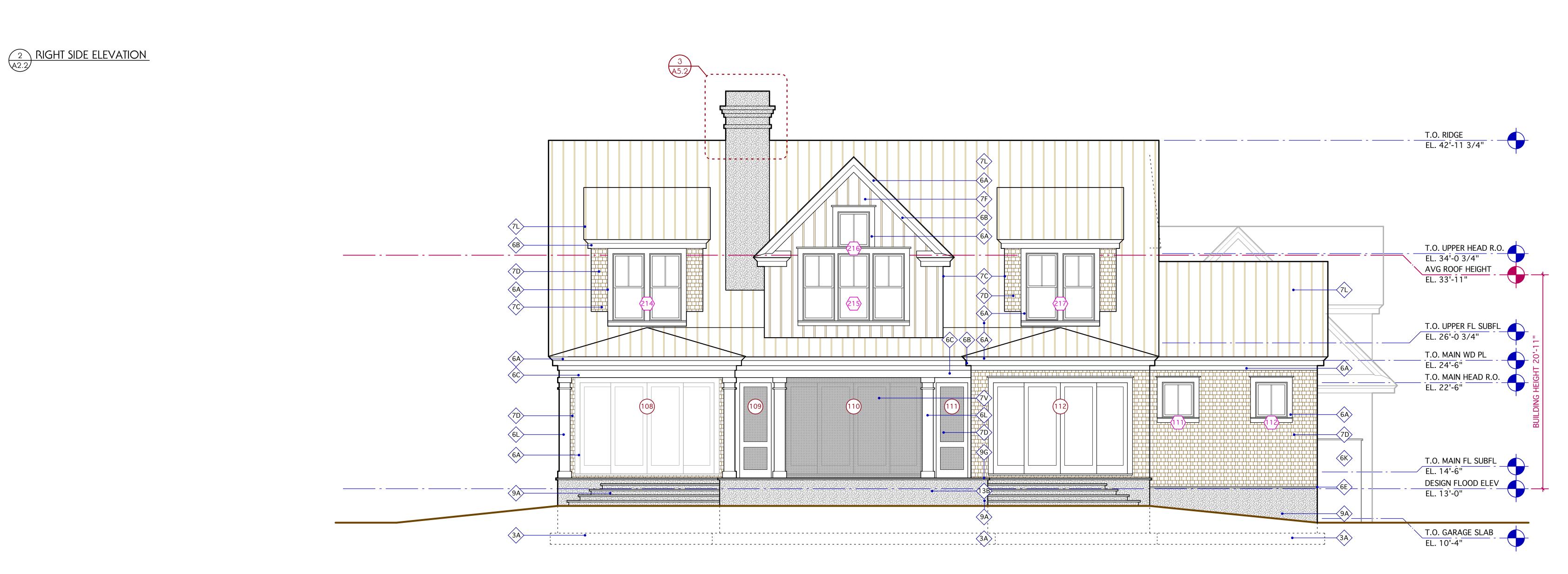
Date:

JULY 15, 2024

Commission No.:

SC 2317





Port City Homes 2486 Bald Eagle Johns Island, SC 29455

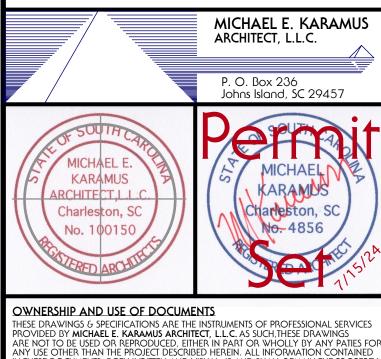
Revisions:

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6 X 5/8" exterior grade plywood sheathing. Metal flashing.

Metal step and through flashing.

Metal step flashing - hold siding up 3/4" on vertical surfaces. Cementitious shingle wall siding. Cementitious lap siding, 6" T.T.W. Cementitious board and batten siding. R-19 fiberglass batt insulation. R-19 spray foam insulation. R-30 spray foam insulation. Sound insulation batts. 7 L Preformed metal standing seam roof panels.
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EXTERIOR ELEVATIONS



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Scale:

Drawn: Checked:

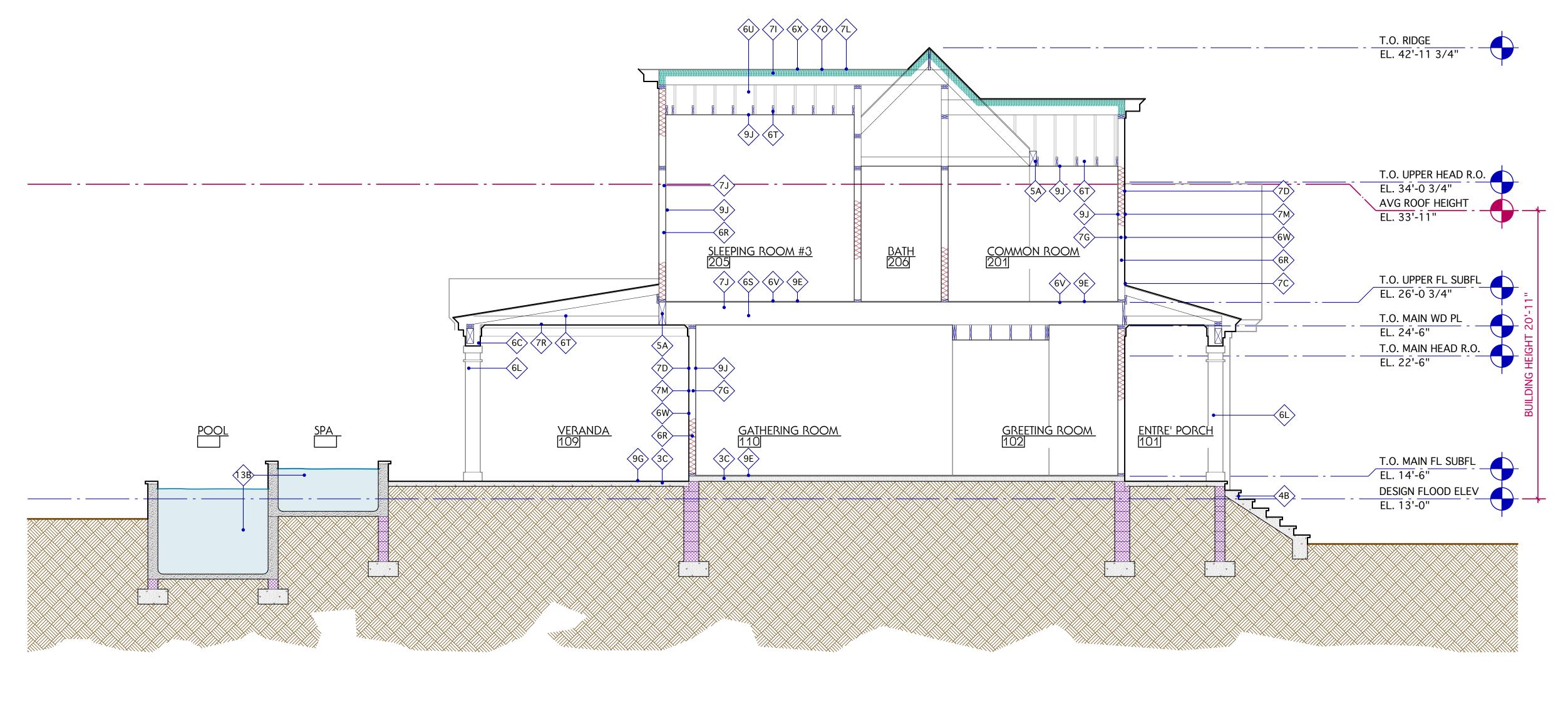
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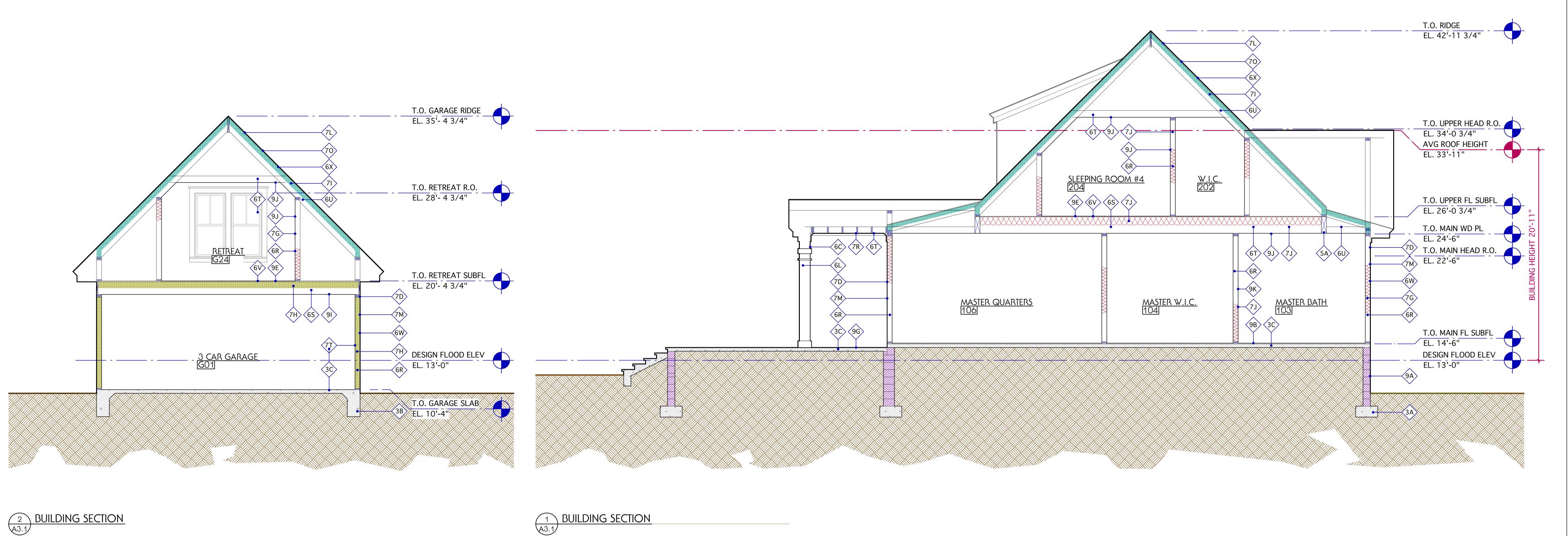
1/4"=1'-0" MK Mk

Date:
 JULY 15, 2024

Commission No.:
 SC 2317

PREAR ELEVATION DE LE CTRONIC PERMITTING 7/15/24. DO NOT REPRODUCE





BUILDING SECTION

A3.1

BUILDING SECTION

A3.1 ISSUED FOR ELECTRONIC PERMITTING 7/15/24. DO NOT REPRODUCE

New Residence

Port City Homes 2486 Bald Eagle Johns Island, SC 29455

Revisions:

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7 L Preformed metal standing seam roof panels.
7 M #30 Building felt.
7 N #30 Roofing felt.
7 O W. R. Grace Ice and Water Shield membrane.

Shingle kick.
Shingle eyebrow.
Cementitious soffit - ptd
Prefabricated metal "Smart Vent" louver

Cementitious smooth wallboard - ptd

3/4" cement stucco finish - ptd.
Tile floor.
Stone floor.
Stone countertop.

Insect screening.

9 E Wood floor.
9 F Carpet floor finish.
9 G Exterior tile floor surface

10 B Pull down ironing board.10 C Prefabricated fireplace insert.

13 B Swimming pool construction.15 A Ceiling supply register.15 B Floor supply register.

15 C Plumbing vent.
15 D Mechanical chase.
15 E Freeze-proof hose bib.
16 A Electric meter.

16 B Electric sub-panel.

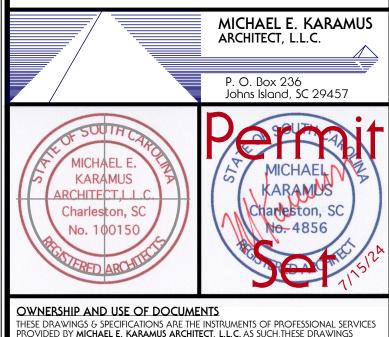
10 D Metal and glass shower enclosure. 10 E Metal finial - see detail

3 A Prefabricated wine room storage system.

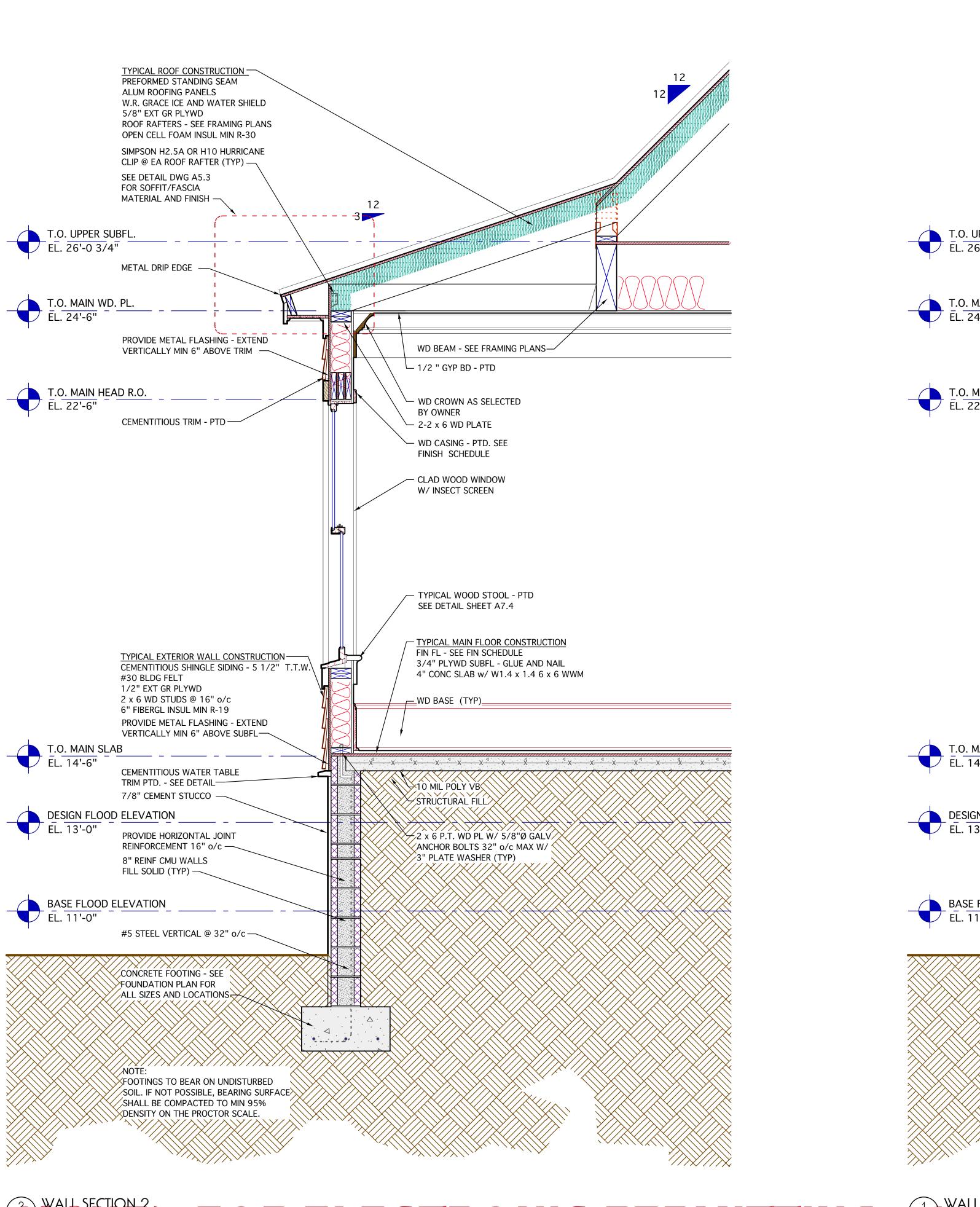
Wood clad insulated metal overhead garage door.

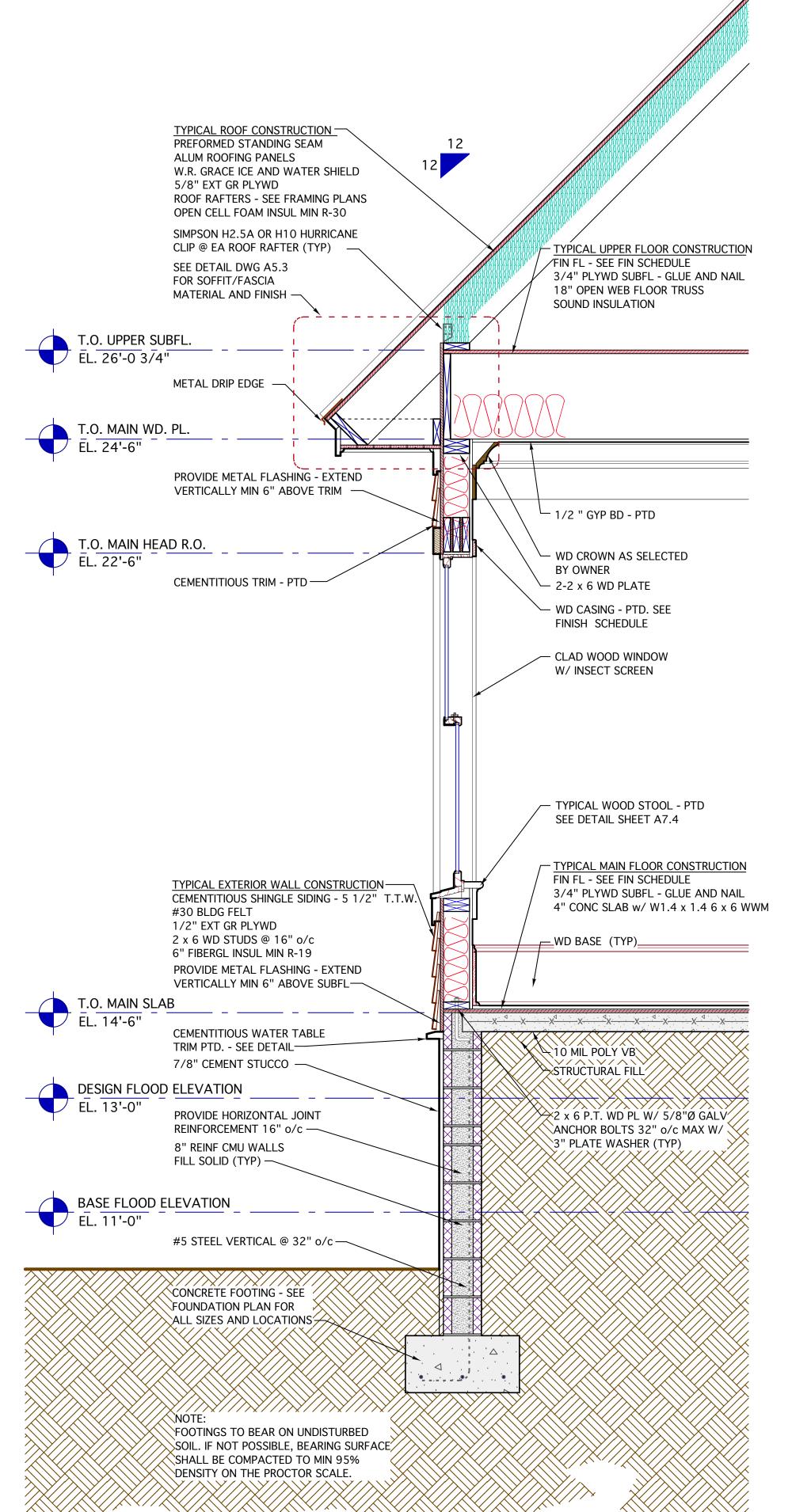
9 H Ceiling break above - see bldg. sections & interior elevation.
9 I 5/8" fire rated gyp bd - ptd.
9 J 1/2" gyp bd wall finish - ptd.
9 K 1/2" M. R. gyp bd wall finish - ptd.
10 A Medicine cabinet.

BUILDING SECTIONS



Checked: 1/4"=1'-0" JULY 15, 2024 Commission No.:





Port City Homes 2486 Bald Eagle Johns Island, SC 29455

Revisions:

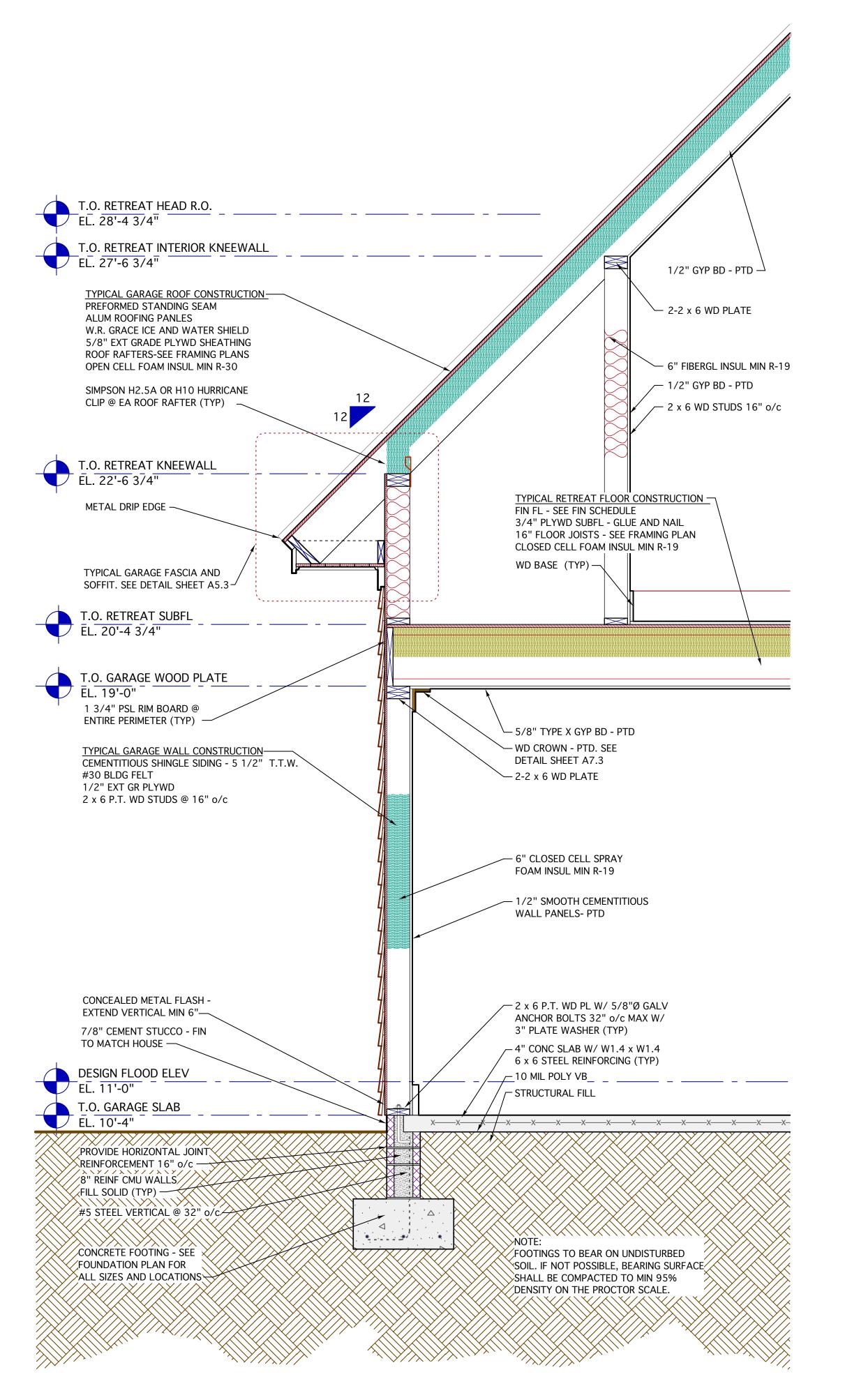
NOTE:
COORDINATE ALL STRUCTURAL
REQUIREMENTS WITH ENGINEERING
DRAWINGS. THE ENGINEERING DRAWING
REQUIREMENTS SHALL TAKE PRECEDENCE

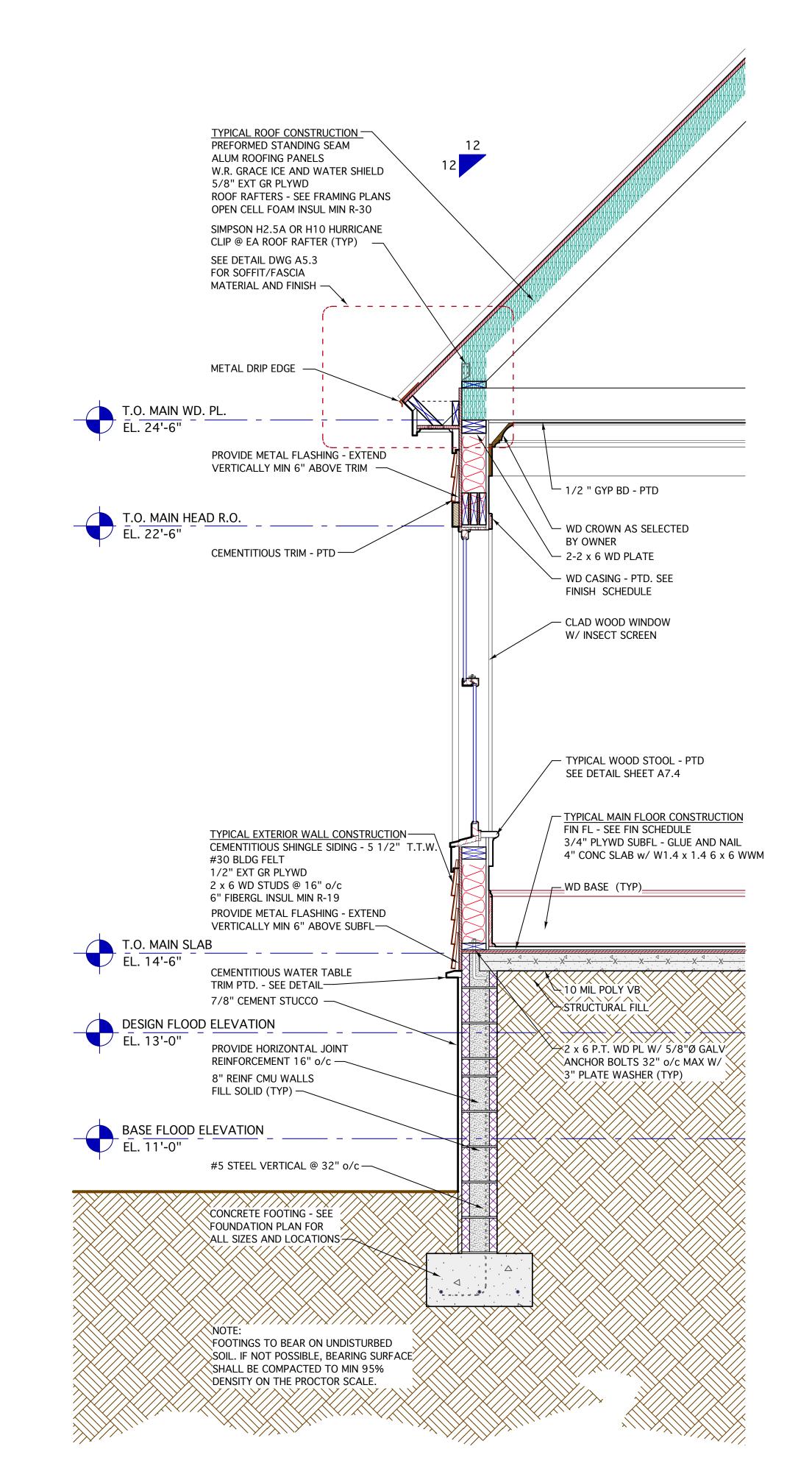
WALL SECTIONS



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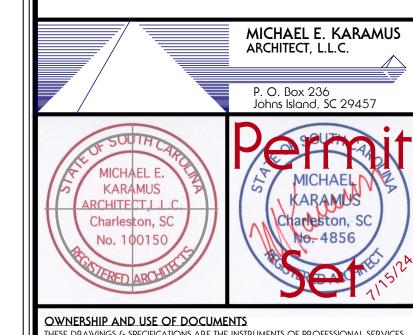


Port City Homes 2486 Bald Eagle Johns Island, SC 29455

Revisions:

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WALL SECTIONS



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 Scale:
 Drawn:
 Checked:

 3/4"=1'-0"
 MK
 MK

 Date:
 JULY 15, 2024
 Drawing No.:

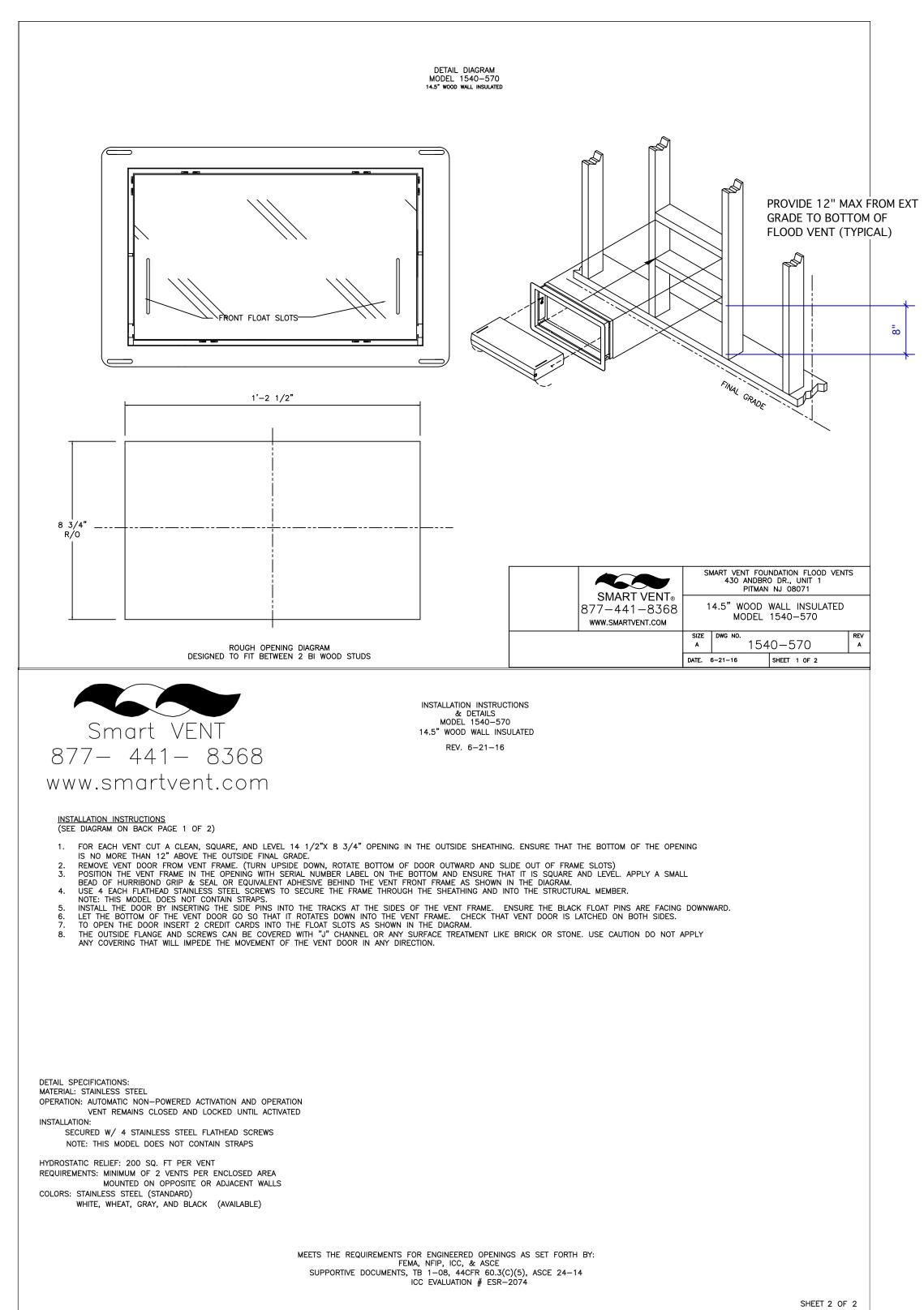
 Commission No.:
 A4
 2

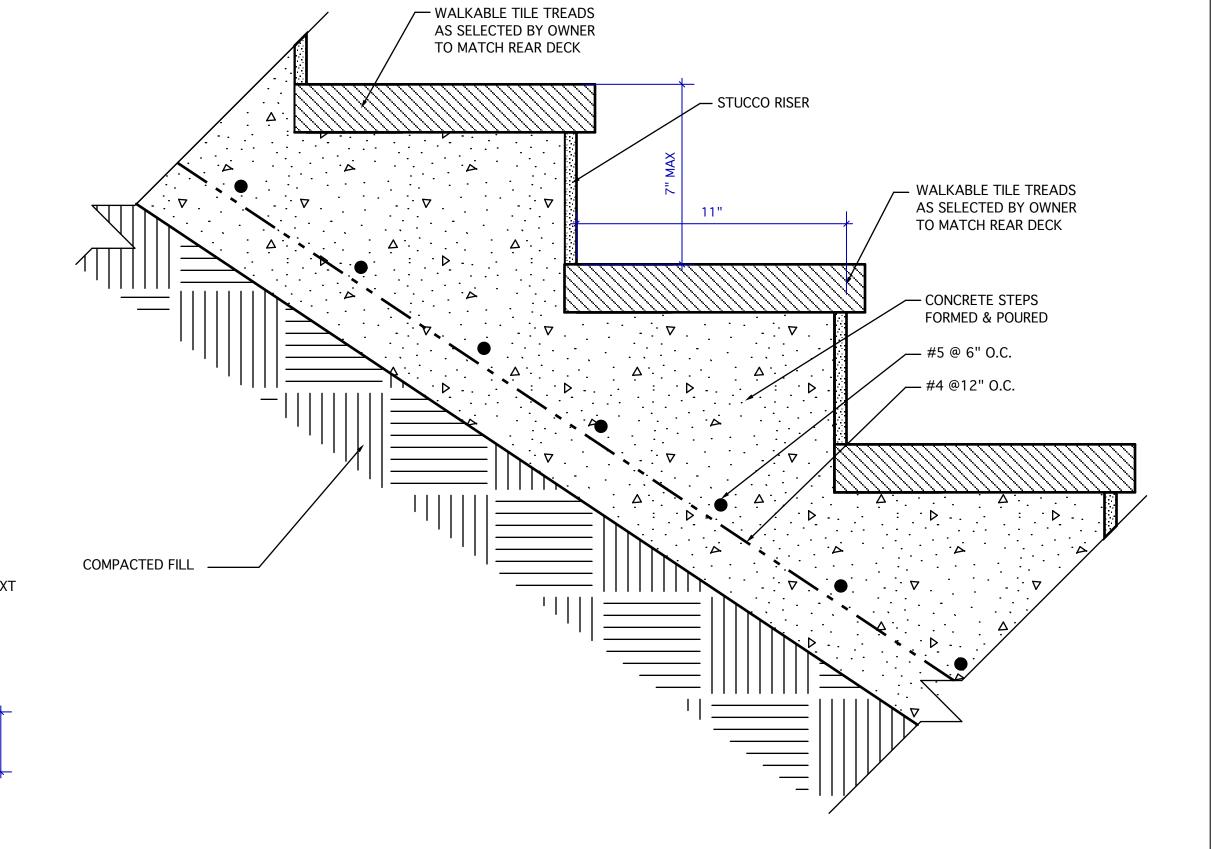
SC 2317

WALL SECTION FOR ELECTRONIC PERMITTING 1991/15/24, DO NOT REPRODUCE

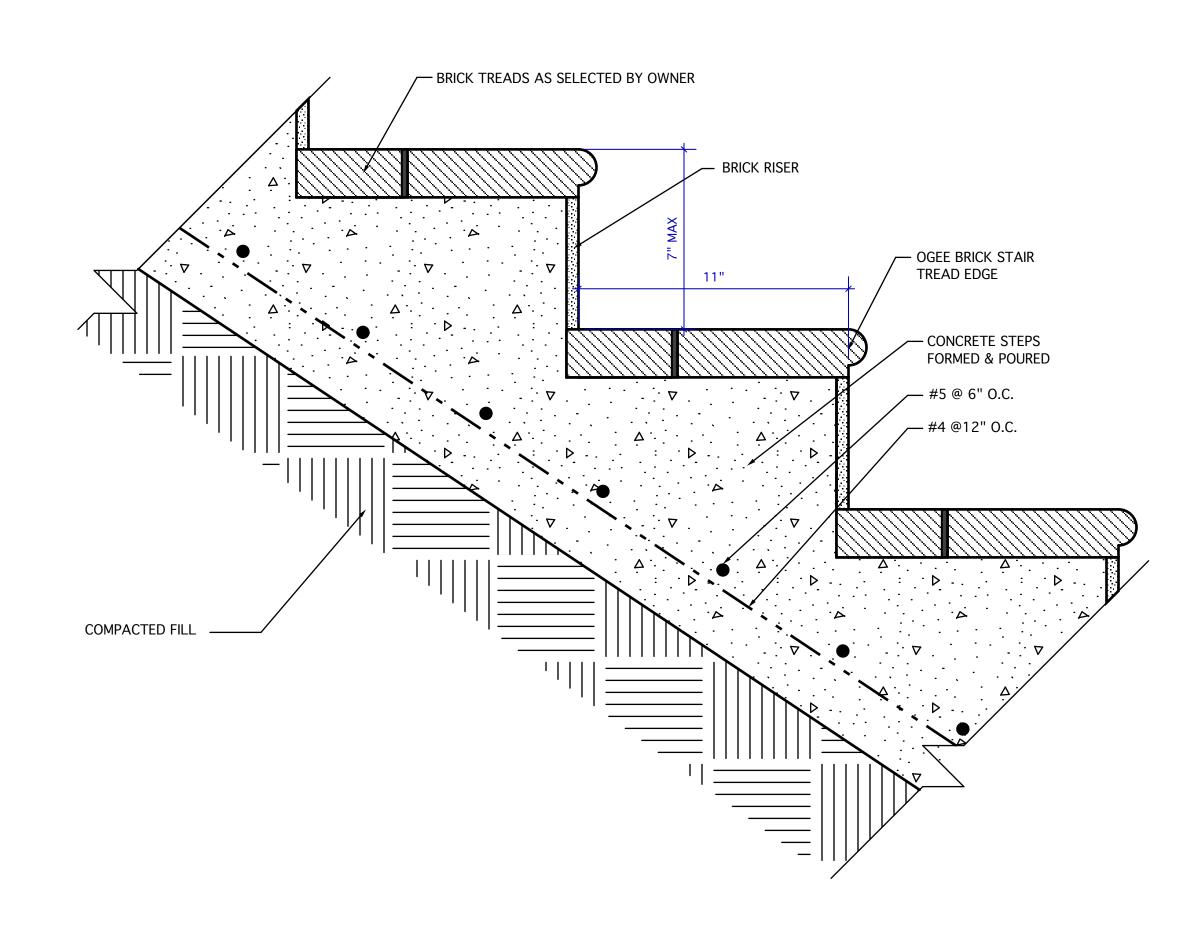
CEMENTITIOUS SIDING METAL FLASHING - EXTEND VERTCAL MIN 6" DRIP CAP - CUT TO PROFILE FROM 2 x 4 P. T. STOCK - PTD 3/4" CEMENT STUCCO FINISH SEE SPECS FOR DETAILS

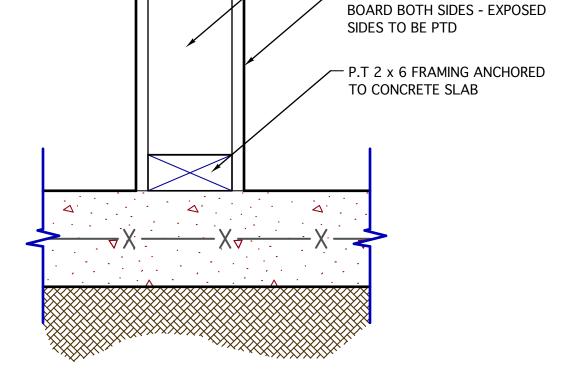
6 WATERTABLE DETAIL A5.1 SCALE: 1 1/2"=1'-0"





4 REAR DECK STAIR SECTION





FRAME WALL BELOW BFE NO SCALE

2 x 8 WD CAP - PTD. CUT TO PROFILE AS SHOWN —

5/4 x 6 WD TRIM - PTD. RABBET TRIM TO RECIEVE SIDING

— 1 x 6 CEMENTITIOUS SLATS

- BROOM FINISH CONC

– 2 x 6 P.T. FRAMING @ 16" O.C.

TYPICAL SMOOTH HARDIPLANK

SLAB MECH PLATFORM

— TOP OF SLAB ELEV 14'-2"

W/ 1 1/2" AIRSPACE - PTD

1 x 6 CEMENTITIOUS SLATS

TREATED 2x 4 WD STUD WALL CONSTRUCTION—

TREATED 2x 4 WD STUD

1 x 6 CEMENTITIOUS SLATS W/ 1 1/2" AIRSPACE - PTD —

WALL CONSTRUCTION—

8" REINF CMU WALL

CONSTRUCTION W/ 7/8" CEM STUCCO FINISH - PTD —

W/ 1 1/2" AIRSPACE - PTD —

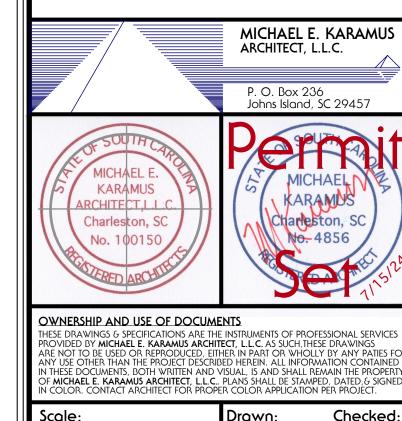
2 FRAME WALL FLOOD VENT DETAIL
(A5.1) NO SCALE
(A5.1) NO SCALE
(A5.1) NO SCALE
(A5.1) NO SCALE
(A5.1) SCALE: 3"=1'-0"
(A5.1) NO SCALE
(A5.1) N

A New Residence

Port City Homes 2486 Bald Eagle Johns Island, SC 29455

Revisions:

EXTERIOR DETAILS



Scale:

AS NOTED

Drawn:

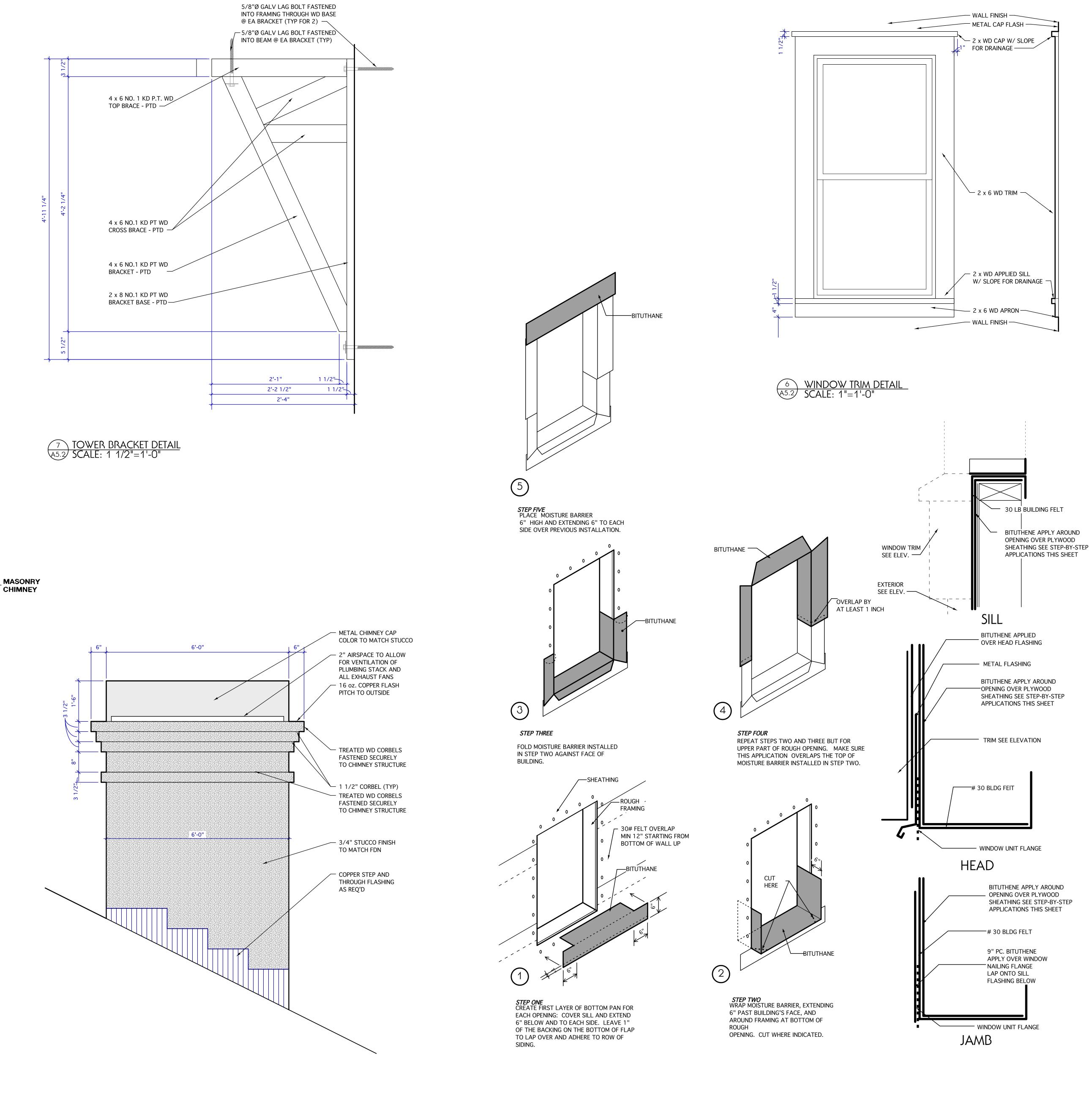
MK

MK

Date:

JULY 15, 2024

Commission No.:



New

Revisions:

EXTERIOR DETAISL

KARAMUS

Charleston, SC

OWNERSHIP AND USE OF DOCUMENTS

AS NOTED

SC 2317

JULY 15, 2024

Commission No.:

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MICHAEL E. KARAMUS ARCHITECT, L.L.C.

Checked:

P. O. Box 236 Johns Island, SC 29457

Residence

Port City Homes 2486 Bald Eagle Johns Island, SC 29455

4 CHIMNEY FLASHING DETAIL A5.2 NO SCALE

CONTINOUS COUNTERFLASHING

SHINGLES -

UNDERLAYMENT NOT

6" (152mm) MIN. -

SHOWN FOR CLARITY OF

FLASHING COMPONENTS

5 CHIMNEY FLASHING DETAIL A5.2 NO SCALE

EMBEDDED IN MORTAR JOINT

STEP FLASHING-

SHOP FABRICATED

CRICKET FLASHING

3 CHIMNEY DETAIL

452 SCALE: 1 1/2"=1"-0"

452 SCALE: 1 1/2"=1"-0"

453 NO SCALE: 1 1/2"=1"-0"

454 NO SCALE: 1 1/2"=1"-0"

455 NO SCALE: 1 1/2"=1"-0"

455 NO SCALE: 1 1/2"=1"-0"

457 NO SCALE: 1 1/2"=1"-0"

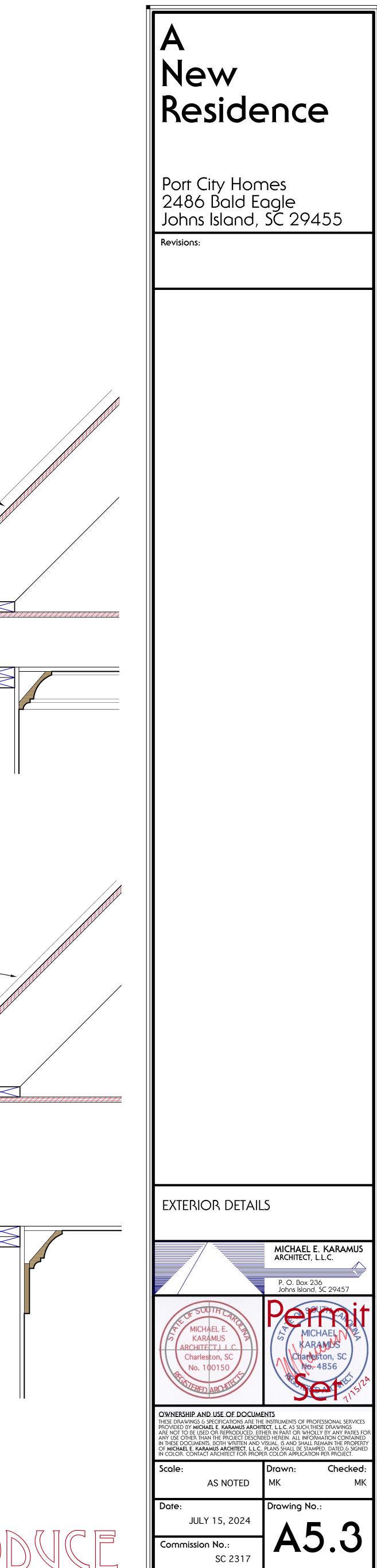
458 NO SCALE: 1 1/2"=1"-0"

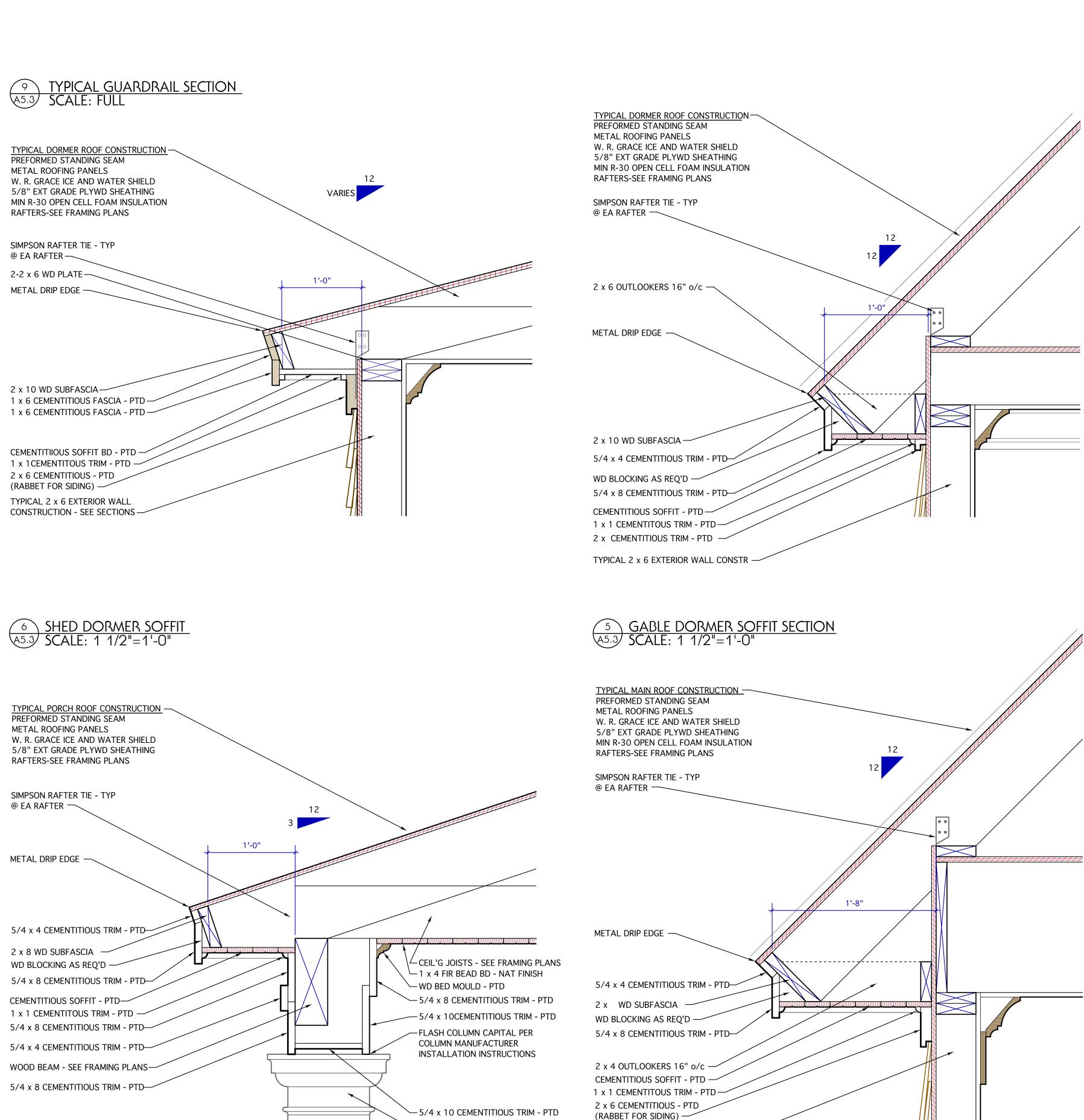
458 NO SCALE: 1 1/2"=1"-0"

459 NO SCALE: 1 1/2"=1"-0"

459 NO SCALE: 1 1/2"=1"-0"

450 NO SCALE: 1 1/





TYPICAL 2 x 6 EXTERIOR WALL CONSTR -

COMPOSITE COLUMN BEYOND

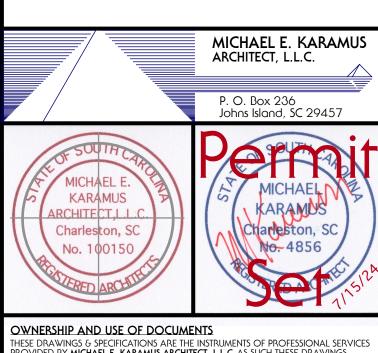
NOTE: ALL TUB SURROUNDS / SHOWERS SHALL HAVE A NON ABSORBANT FINISH WITH A CEMENTITIOUS BACKER SUBSTRATE INSTALLED TO A MINIMUM HEIGHT OF 6' A.F.F. AS REQUIRED BY IRC R307.2 AND R702.4.2 SLOPED TILE CEILING - TYP_ TILE WALL - TYP PIANO HINGE FULL LENGTH OF SEAT & MOUNTED FLUSH AS REQUIRED 3/4" PLYWD W/-FLUSH HANDLE - 1" SOLID WD TREAD AS SELECTED BY REMOVABLE OWNER W/ BULLNOSE EDGE DETAIL-SEAT CUSHION (SELECTED BY OWNER) 3/4" POPLAR SCOTIA - PTD 3/4" X 4 1/8" SHOWER DOOR - SEE 2X4 FRAMING — — 3/4" POPLAR RISERS - PTD TYPICAL STOOL SEE DETAIL SHEET NO. W/ 1/4" BEVEL SLOPED TILE_ FLOOR - TYP 2X4 FRAMING TYPICAL BASE DETAIL, SEE_ DETAIL SHEET NO. FINISH FLOORING SEE ----BOARD FINISH SCHEDULE 3/4" T&G PLYWOOD 2 x 12 STRINGER \ PLYWOOD SUBFLOORING TUB ENCLOSURE SIMILAR 5 RETREAT TREAD / RISER DETAIL SCALE 3"=1'-0" - WOOD RAIL AS SELECTED BY OWNER - NAT FINISH - WOOD RAIL AS SELECTED BY OWNER - NAT FINISH - 1" SOLID WD TREAD AS SELECTED BY 1" P.T. WD TREADS W/ 1 9/16" R OWNER W/ BULLNOSE EDGE DETAIL-BULLNOSE EDGE DETAIL -- 3/4" POPLAR SCOTIA - PTD — 3/4" POPLAR RISERS - PTD — 3/4" P.T. WD RISERS - PTD 2 x 2 POPLAR - PTD 2 x 12 STRINGER -2 x 12 P.T.STRINGER — —POPLAR SCOTIA - PTD. -2 x WD TRIM - PTD The steel reinforcement — 2 x 2 POPLAR BALUSTER CAP - PTD. — 2 x 2 POPLAR BALUUUSTERS - PTD 3 SECTION THRU GUARDRAIL A5.4 SCALE: FULL 2 MAIN STAIR TREAD / RISER DETAIL A5.4 SCALE 3"=1'-0" 4 SECTION THRU WALL RAIL SCALE: FULL

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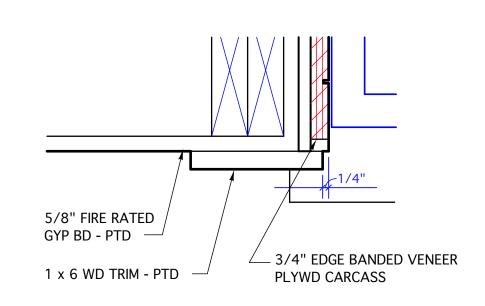
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INTERIOR DETAILS

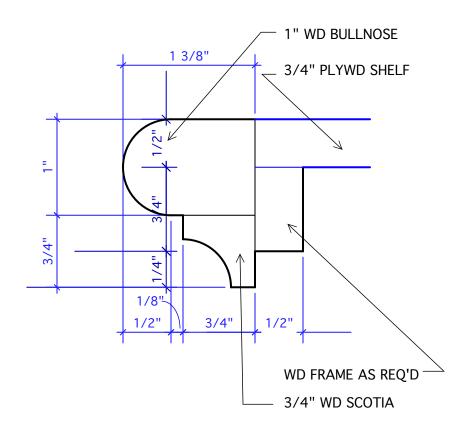


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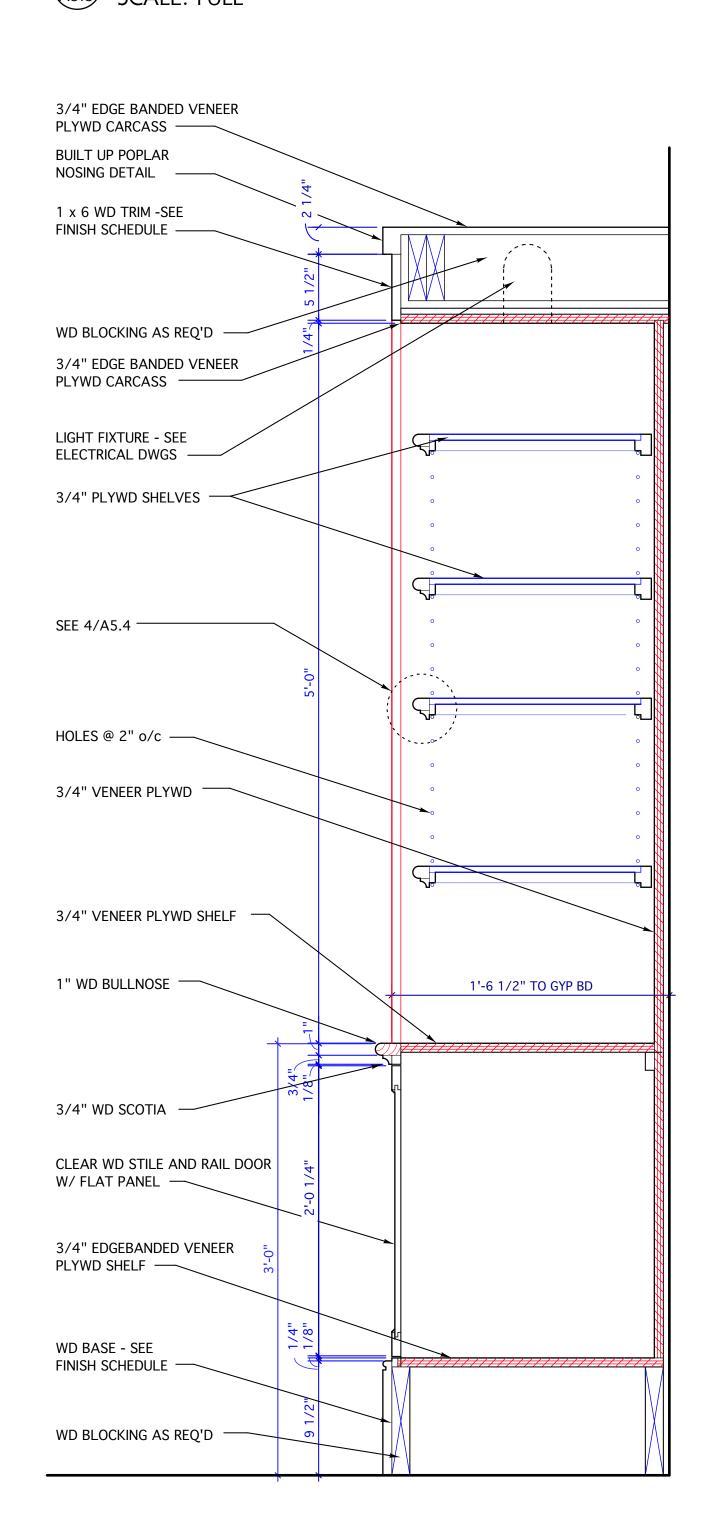
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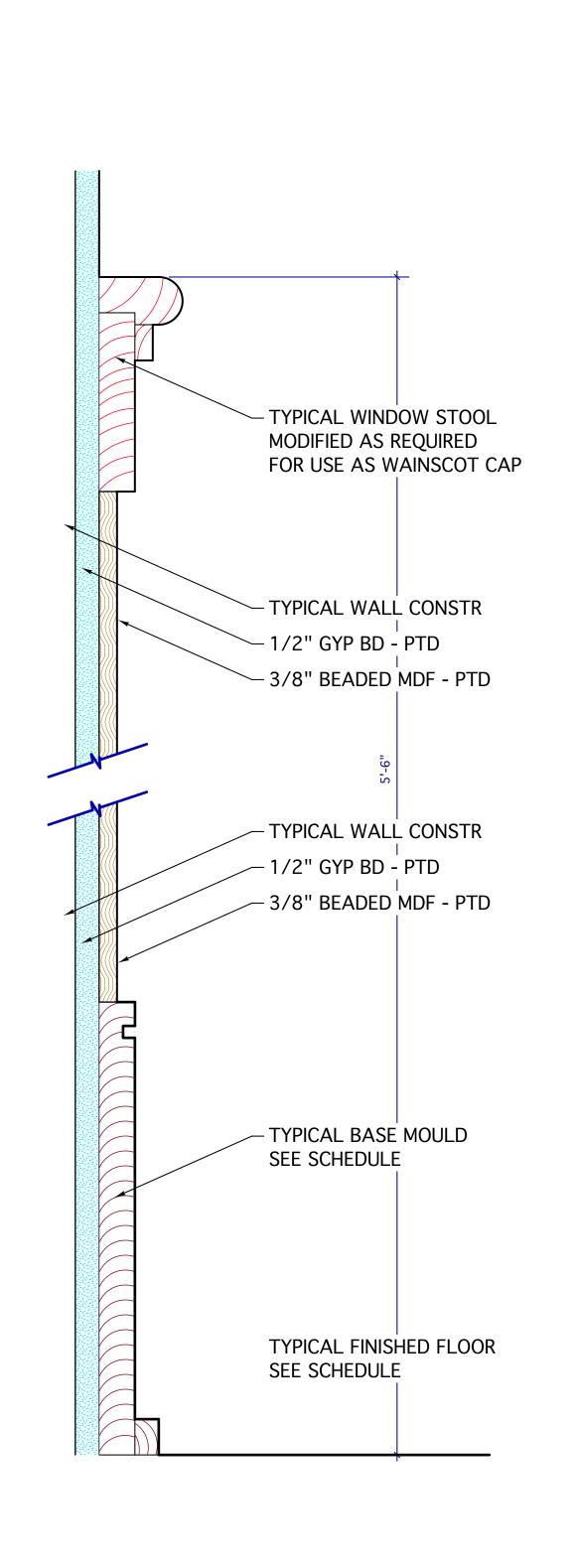


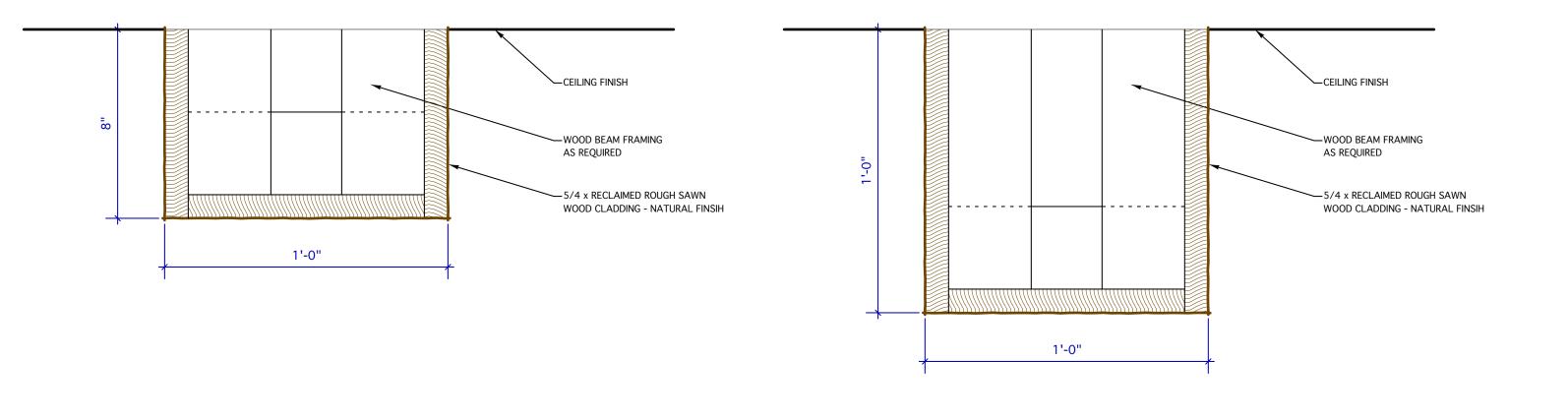
7 CORNER DETAIL A5.5 SCALE: 3"=1'-0"



6 SHELF EDGE DETAIL A5.5 SCALE: FULL



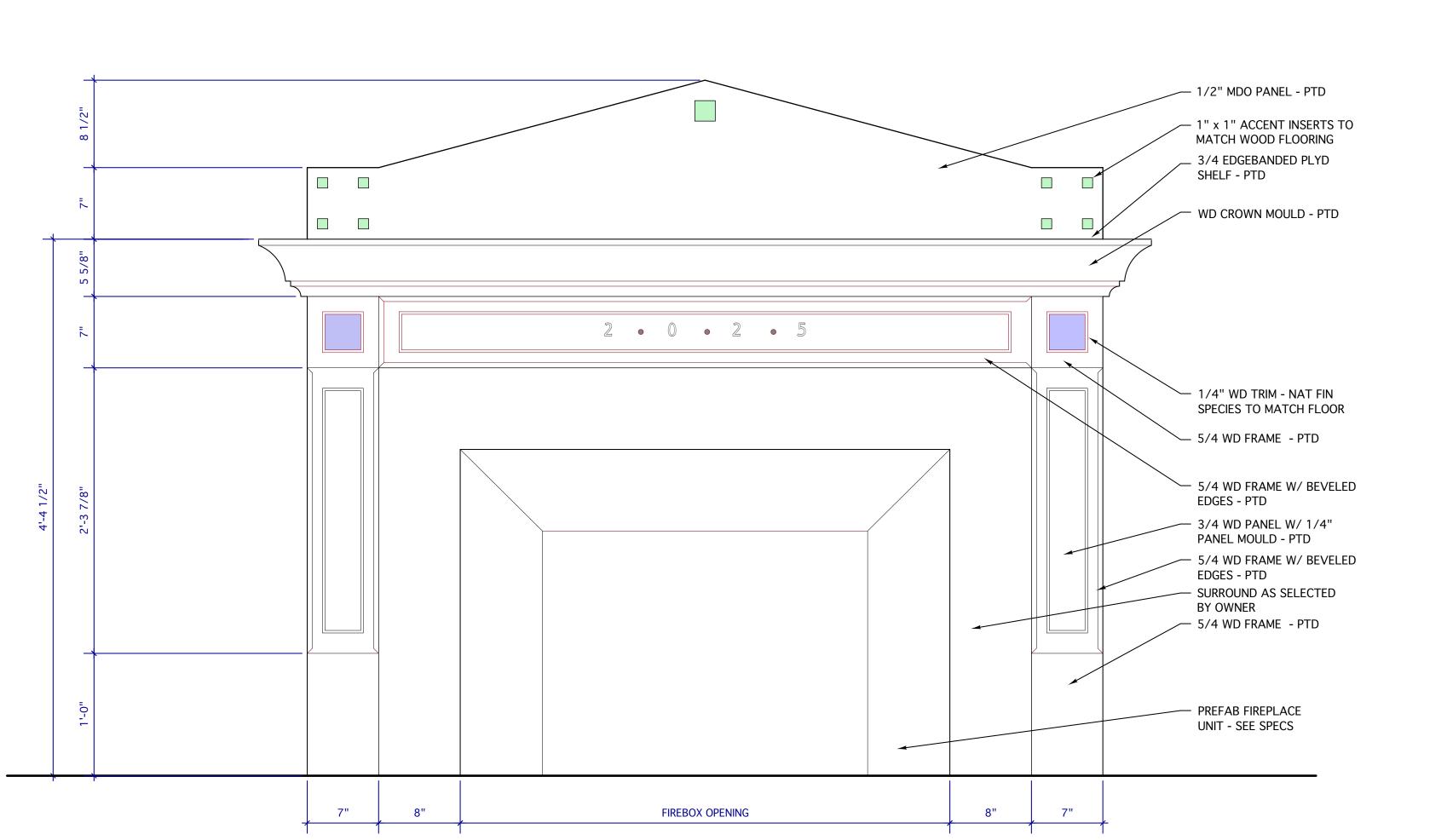




5 GATHERING ROOM ACCESS CORRIDOR BEAM DETAIL SCALE 3"=1'-0"

SALOON OPENING BEAM DETAIL

A5.5 SCALE 3"=1'-0"



3 BUILT IN CABINETRY DETAIL
A5.5 SCALE: 3/4"=1'-0"

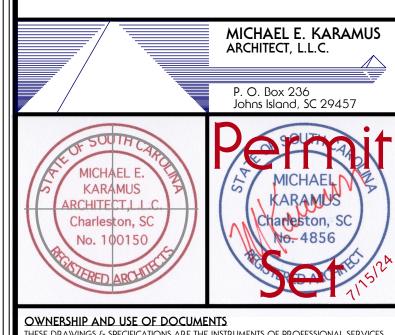
2 WAINSCOT DETAIL
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Date:

JULY 15, 2024

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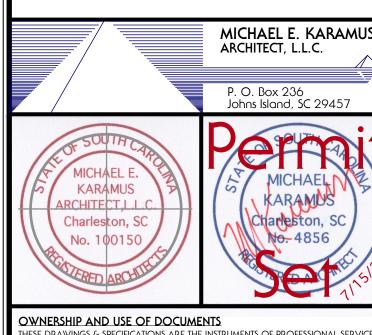
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DOOR SCHEDULE



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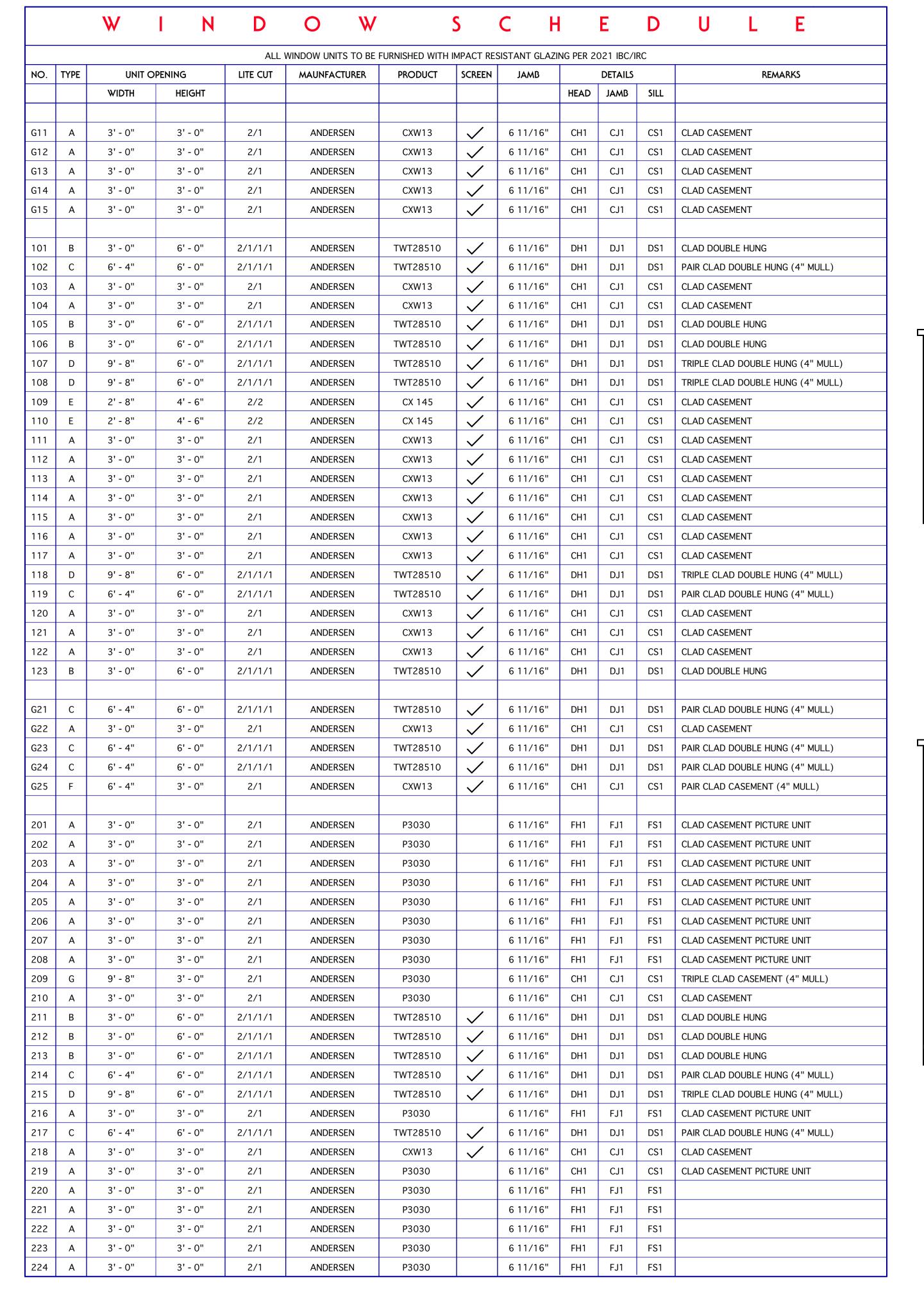
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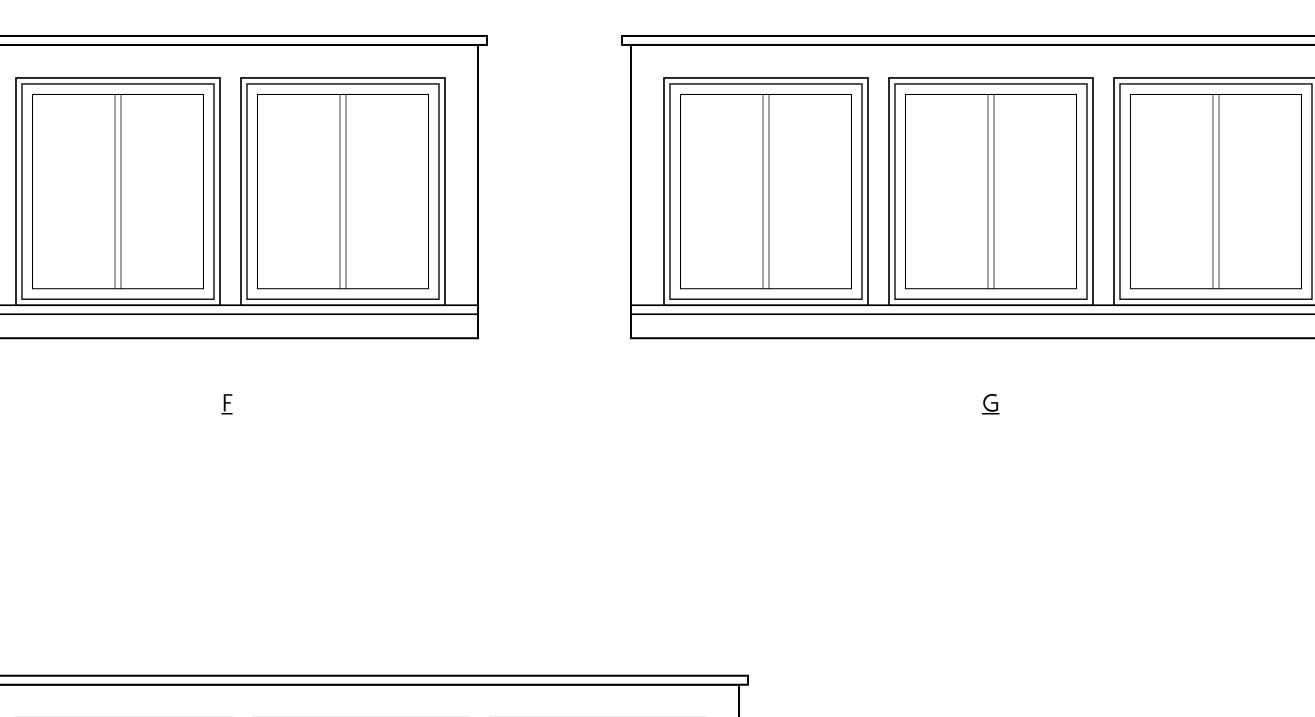
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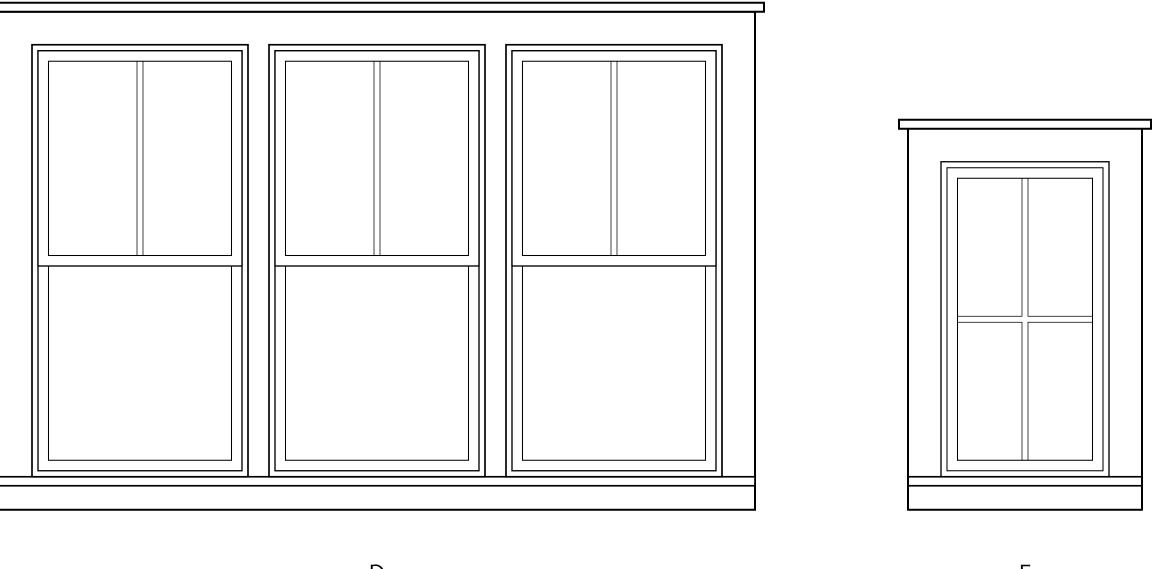
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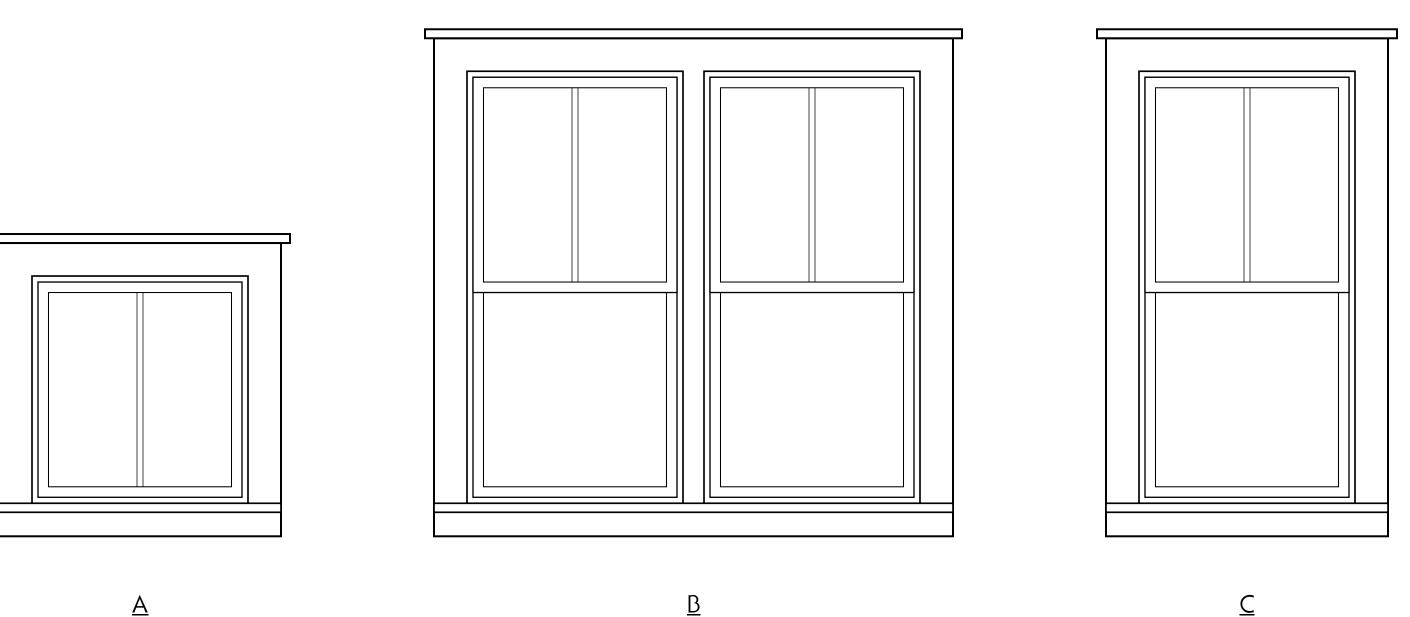
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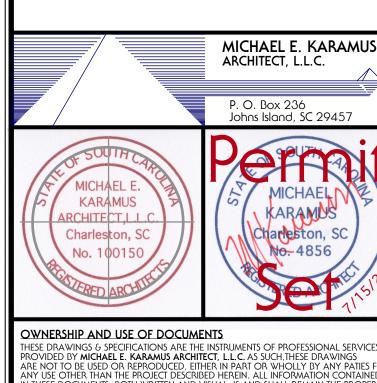




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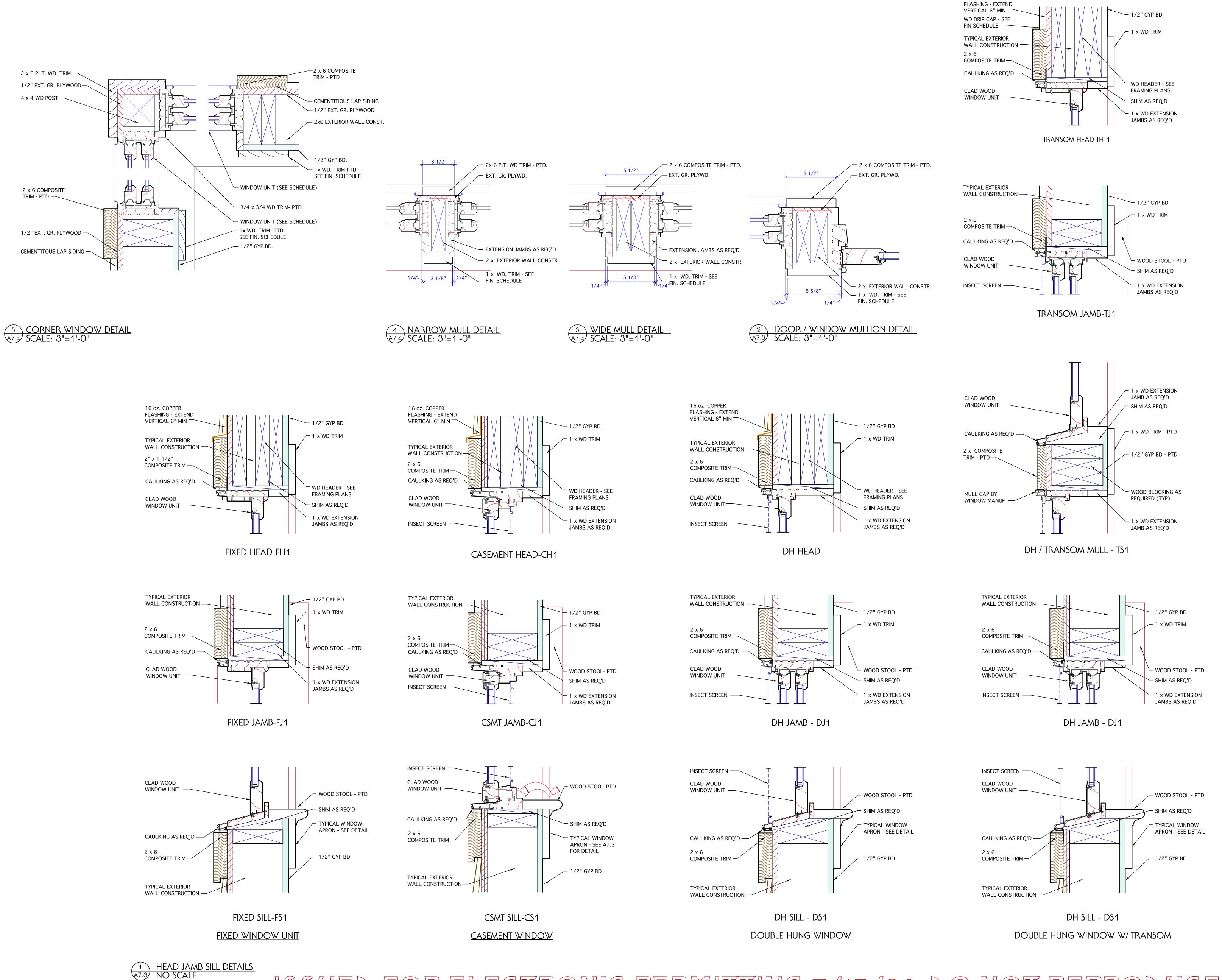
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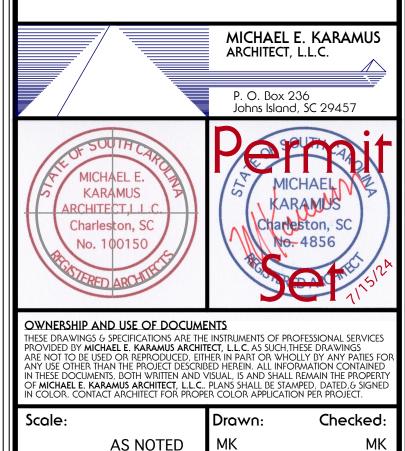


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