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1688 N PELHAM ROAD
 A NEW SINGLE FAMILY HOUSE PROJECT
 ATLANTA, GEORGIA



1688 N PELHAM ROAD
 A NEW CUSTOM HOUSE PROJECT
 ATLANTA, GEORGIA

PROJECT DIRECTORY

INDEX OF DRAWINGS

VICINITY MAP

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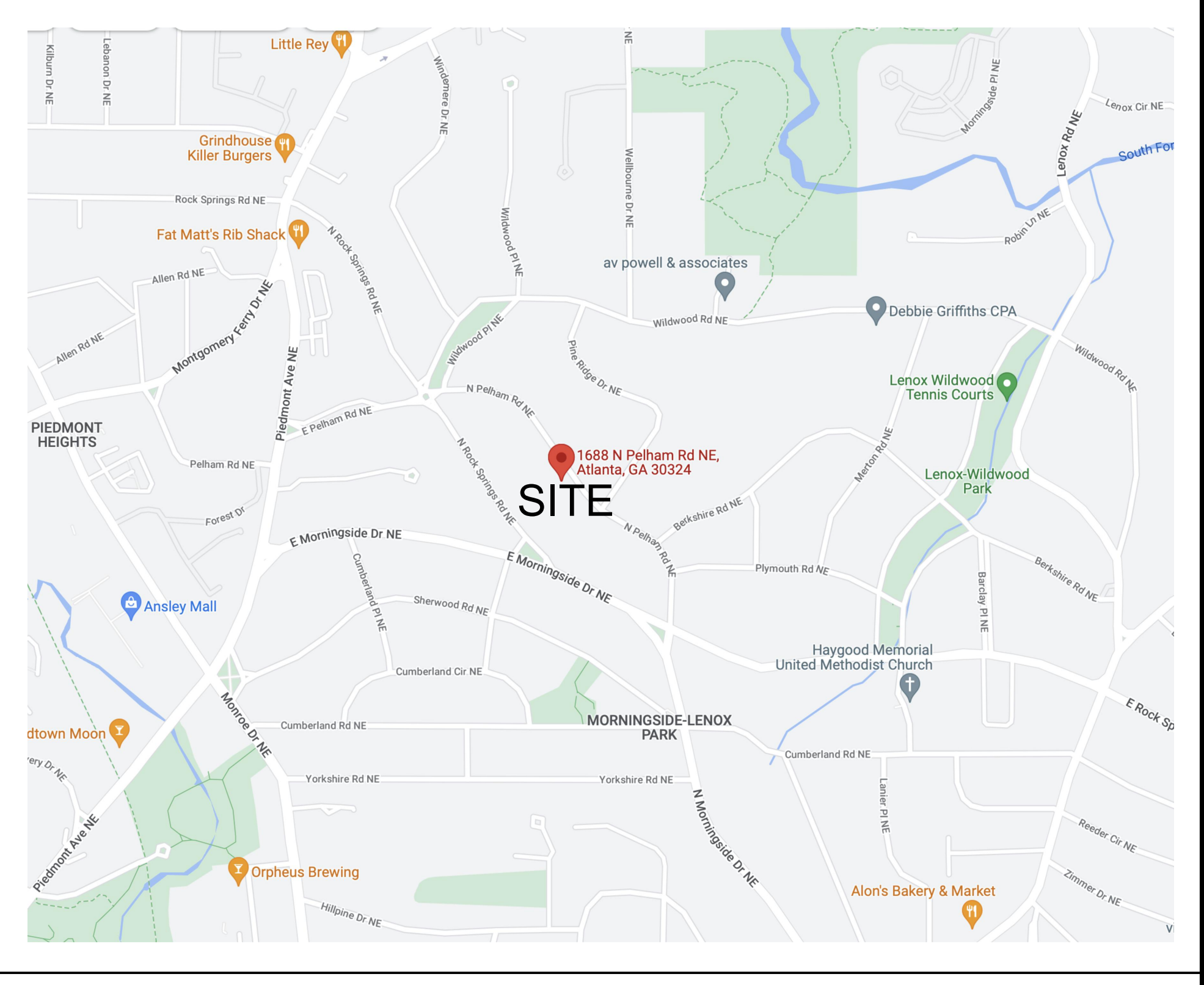
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BUILDING CODE REVIEW

BUILDING CODE:

THIS PROJECT SHALL COMPLY WITH THE FOLLOWING CODES:

- International Building Code, 2018 Edition, with Georgia Amendments (2020), (2022)
- International Residential Code, 2018 Edition, with Georgia Amendments (2020)
- International Fire Code, 2018 Edition (Contact State Fire Marshal Below)
- International Plumbing Code, 2018 Edition, with Georgia Amendments (2020), (2022)
- International Mechanical Code, 2018 Edition, with Georgia Amendments (2020)
- International Fuel Gas Code, 2018 Edition, with Georgia Amendments (2020), (2022)
- National Electrical Code, 2020 Edition, with Georgia Amendments (2021)
- International Energy Conservation Code, 2015 Edition, with Georgia Supplements and Amendments (2020), (2022)
- International Swimming Pool and Spa Code, 2018 Edition, with Georgia Amendments (2020)
- NFPA 101 Life Safety Code 2018 Edition, with Georgia Amendments (2020)



SCOPE OF WORK

ZONING:	R-4
USE GROUP:	SINGLE FAMILY
CONSTRUCTION CLASS:	UNPROTECTED
HEIGHT & AREA LIMITATION:	3 STORY MAXIMUM HEIGHT, 35 FEET. AVERAGE HEIGHT PROVIDED IS 35 FEET- SEE ELEVATIONS.
EMERGENCY ESCAPE:	EGRESS OR RESCUE WINDOWS FROM SLEEPING ROOMS SHALL HAVE A MINIMUM OF 5.7 SQ. FT.

AREA SUMMARY

BASEMENT:	1,198 HEATED SF	GARAGE:	463 SF
MAIN LEVEL:	1,897 HEATED SF	FRONT PORCH:	196 SF
UPPER LEVEL:	2,302 HEATED SF	COVERED DECK:	405 SF
TOTAL:	5,397 HEATED SF	OPEN DECK:	150 SF

NOTE: NO AREA IN ATTIC HAS 7' HEADROOM AND IS NOT CONSIDERED FOR THE F.A.R. TOTAL.

A NEW CUSTOM HOME PROJECT.

ELECTRICAL LOAD CALCULATIONS AND PANEL SCHEDULE FOR EV CHARGING STATION WILL BE PROVIDED BY HOMEOWNER'S ELECTRICAL CONTRACTOR AND SUBMITTED TO THE CITY OF ATLANTA PRIOR TO ELECTRICAL PERMIT ISSUANCE.

Not shown is an indication of specific lot area, or other information that may be required for a specific project. The information shown on this map is for general reference only and should not be used as a basis for any legal action.

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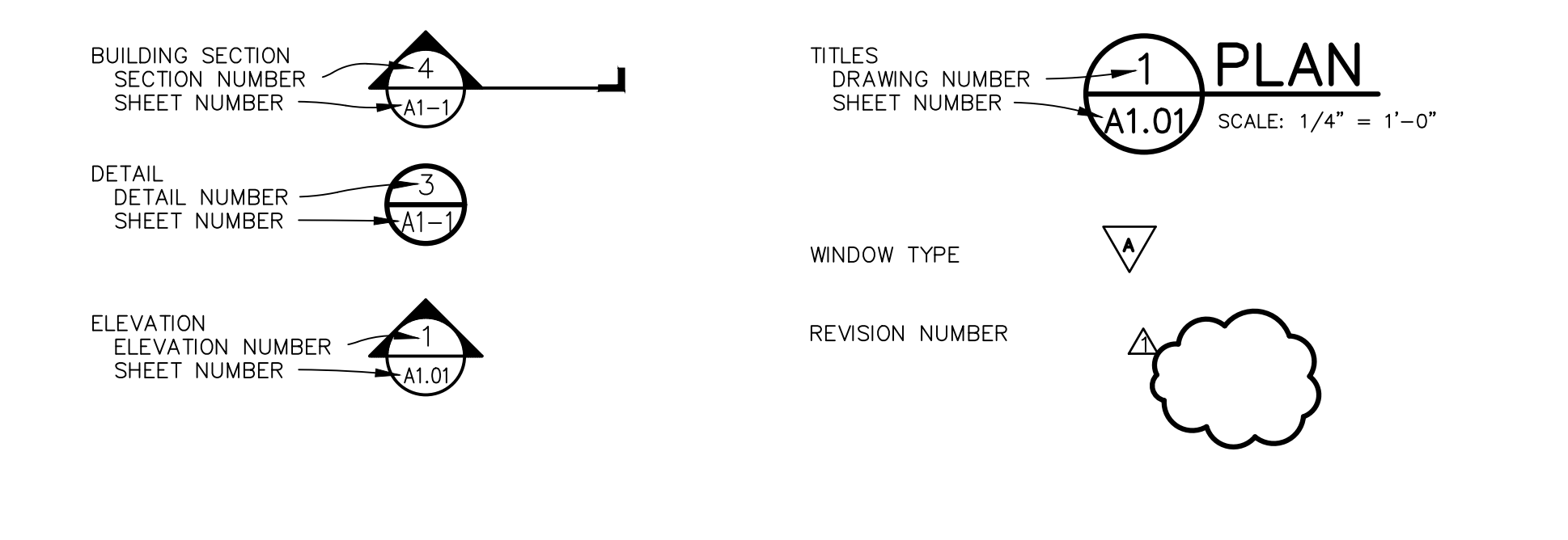
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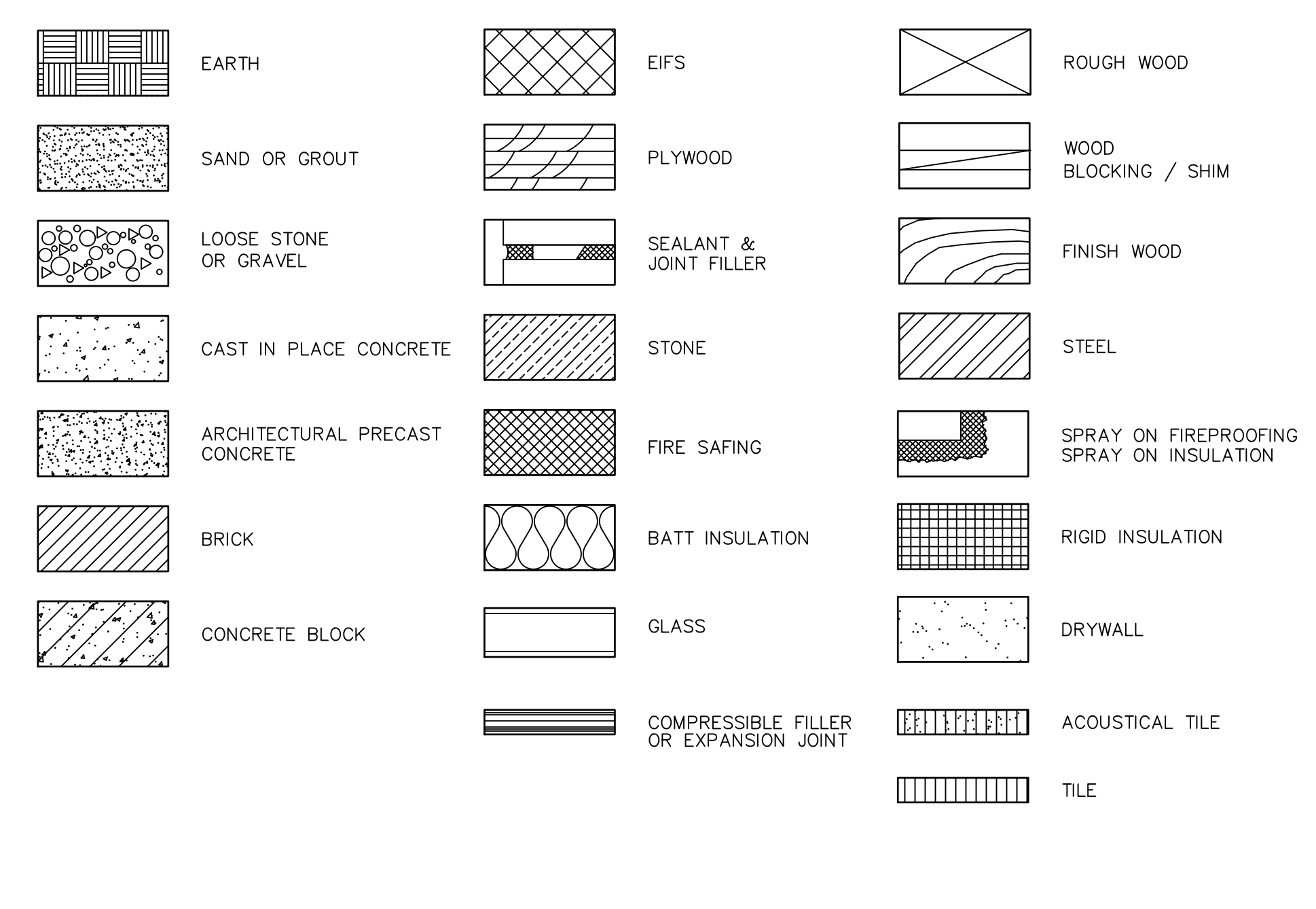
ABBREVIATIONS

&	AND	FA	FIRE ALARM	PART	PARTIAL
9	AT	FAC	FIRE APPARATUS CABINET	PC	PRECAST CONCRETE
AB	ANCHOR BOLT	FAB	FABRICATE (OR)	PD	PLAZA DRAIN
AC	ACRE	FCRC	FLUOROCARBON RESINOUS COATING	PERF	PERFORATE (ED)
ACCUS	ACOUSTIC	FD	FLOOR DRAIN	PRM	PERMETER
ACT	ACUSTICAL CEILING TILE	FDTN	FOUNDATION	PKG	PARKING
ADDL	ADDITIONAL	FE	FIRE EXTINGUISHER	PL	PLATE
ADH	ADHESIVE	FEC	FIRE EXTINGUISHER CABINET	P/L	PROPERTY LINE
ADJ	ADJACENT	FF	FINISH FLOOR	P LAM	PLASTIC LAMINATE
ADMIN	ADMINISTRATION	FFE	FINISH FLOOR ELEVATION	PLAS	PLASTER
AFF	ABOVE FINISH FLOOR	FHC	FIRE HOSE CABINET	PLUMB	PLUMBING
AGG	AGGREGATE	FIB	FIBER (OUS)	PLYWD	PLYWOOD
ALT	ALTERNATE, ALTERNATIVE	FIN	FINISH	PMR	PROTECTED MEMBRANE ROOFING
ALUM	ALUMINUM	FIN	FINISH	PW	PROTECTED MEMBRANE WATERPROOFING
AMSL	ABOVE MEAN SEA LEVEL	FIXT	FIXTURE	PNL	PANEL
ANDD	AND/D	FLEX	FLEXIBLE	POL	POLISH (ED)
APPROX	APPROXIMATE	FLR	FLOOR (ING)	PR	PAIR
ARCH	ARCHITECT (URAL)	FLUOR	FLUORESCENT	PREFAB	PREFABRICATE (ED)
ASPH	ASPHALT	FM	FACTORY MUTUAL	PRELIM	PRELIMINARY
ASSY	ASSEMBLY	FOUNT	FOUNTAIN	PRESS	PRESSURE
AU	ACOUSTICAL UNITS	FOF	FACE OF FINISH	PROJ	PROJECTION, PROJECT
AUTO	AUTOMATIC	FR	FIRE RESISTIVE	PROT	PROTECT (ED)
AUX	AUXILIARY	FRP	FIBER REINFORCED PLASTER	PSF	POUNDS PER SQUARE FOOT
		FS/C	FIRE SAFING ON CLIPS	PSI	POUNDS PER SQUARE INCH
B/	BOTTOM OF	FASTEN (ER)	FASTEN (ER)	PT	PRESSURE TREATED
BAL	BALANCE (ED)	FTN	FOOT (FEET)	PTD	PAINTED
BALC	BALCONY	FTG	FOOTING	PRN	PARTITION
BA RM	BATHROOM	FURN	FURNISH	PVF2	POLYVINYLIDENE FLUORIDE FINISH
DEV	BEVEL (ED)	FURR	FURRING	PVG	PAVING
BD	BOARD	FVC	FIRE VALVE CABINET	PVMT	PAVEMENT
BG	BUMPER GUARD	FCWP	FABRIC COVERED WALL PANEL	QRK	QUIRK
BITUM	BITUMEN (OUS)			QT	QUARRY TILE
BLDG	BUILDING	GA	GALUCE	QTY	QUANTITY
BLKG	BLOCKING	GAL	GALLON		
BLRM	BALLROOM	GALV	GALVANIZE (ED)	R	RISER
BLST	BALLAST	GB	GRAB BAR	RAD	RADIUS
BM	BEAM	GC	GENERAL CONTRACTOR	RB	RESILIENT BASE
BOL	BOLLARD	GEN	GENERAL	RBR	RUBBER
BOT	BOTTOM	GFRCC	GLASS FIBER REINFORCED CONCRETE	RCP	REFLECTED CEILING PLANG
BRG	BEARING	GFRG	GLASS FIBER REINFORCED GYPSUM	RD	ROOF DRAIN
BRK	BRICK	GL	GLASS	RDG	RIDGE
BRKT	BRACKET	GRDRL	GUARDRAIL	RE	REGARDING
BRZ	BRONZE	GRD	GRADE	REF	REFER TO (REFERENCE)
B/S	BOTH SIDES	GRND	GROUND	REG	REGISTER
BMT	BASMENT	GSB	GYPSUM SOFFIT BOARD	REFL	REFLECT (ED, IVE)
BT	BATHUB	GSF	GROSS SQUARE FEET	REIN	REINFORCE (ED, ING, MENT)
BTWN	BETWEEN	GSTRM	GUTTER	REMO	REMOVE (ABLE)
BUR	BUILT-UP ROOFING	GWB	GYPSUM WALL BOARD	REQD	REQUIRED
		GYP	GYPSUM	RES	RESILIENT
C	CHANNEL SHAPE	HB	HOSE BIBB	REST	RESTAURANT
CAB	CABINET	HC	HANDICAPPED	RET	RETAIN (ED, ING)
CAP	CAPACITY	HD	HEAD	RH	RIGHT HAND
CB	CATCH BASIN	HDW	HARDWARE	RM	ROOM
CBL	CABLE	HDEPS	HIGH DENSITY EXTRUDED POLYSTYRENE	RND	ROUND
CC	CENTER TO CENTER	HGR	HANGER	RO	ROUGH OPENING
CEG	CONSULTING ENGINEER'S GROUP	HNDRL	HOLLOW METAL HANDRAIL	ROW	RIGHT-OF-WAY
CEM	CEMENT (TIIOUS)	HOR OR	HORIZONTAL	RT	RUBBER TILE
CER	CERAMIC	HORIZ	HORIZONTAL	RTD	RECESSED TOWEL DISPENSER
CERT	CERTIFY (ICATION, ICATE)	HIF	HIGH POINT	S	SOUTH
CB	CORNER GUARD	HR	HOUR	SAB	SOUND ATTENUATION BLANKET
CIP	CAST-IN-PLACE	HRSKPG	HOUSEKEEPING	SAN	SANITARY
CJ	CONTROL JOINT	HSTWY	HOSTWAY	SCHED	SCHEDULE
C/L	CENTERLINE	HT	HEIGHT	SD	SMOKE DETECTOR
CLG	CEILING	HVAC	HEATING, VENTILATING & AIR CONDITIONING	SDP	SOAP DISPENSER
CLOS	CLOSURE	HYD	HYDRANT	SEC	SECTION
CLR	CLEAR (ANCE)	ID	INSIDE DIAMETER (DIMENSION)	SEP	SEPARATE (ION)
CMU	CONCRETE MASONRY UNIT	INCH	INCH (ES)	SERV	SERVICE
CNCL	CONCRETE (ED)	INCAN	INCANDESCENT	SFE	SQUARE FEET (FOOT)
CNTR	COUNTER	INCL	INCLUDE (ED, ING)	SGT	STRUCTURAL GLAZED TILE
COL	COLUMN	INFO	INFORMATION	SH	SHEET
COMB	COMBINE (ATION)	INSUL	INSULATE (ED, ING, ION)	SH-SHT	SHEATHING
COMP	COMPOSITE	INT	INTERIOR	SHTH	SHEATHING
CONC	CONCRETE	IRMA	INVERTED ROOF MEMBRANE ASSEMBLY	SIM	SIMILAR
CONF	CONFERENCE	IRR	IRRIGATION	SN	SANITARY NAPKIN DISPENSER
CONN	CONNECT (ED, ING, ION)			SNV	SANITARY NAPKIN VENDOR
CONST	CONSTRUCT (ION)			SPEC	SPECIFICATION
CONT	CONTINUE (OUS)			SQ	SQUARE
COORD	COORDINATE (ED)			SPKR	SPEAKER
CDR	CORRIDOR			SPR	SPRINKLER (ED)
CPT	CARPET			SRMFI	SEMI RIGID MINERAL FIBER INSULATION
CSWK	CASEWORK	JAN	JANITOR	SS	STAINLESS STEEL
CTSK	COUNTERSINK	JB	JAMB	ST	STONE
CT	CENTER TILE	JR	JUNIOR	STC	SOUND TRANSMISSION COEFFICIENT
CTR	CENTER	JST	JOIST	STD	STANDARD
CU	CUBIC	JT	JOINT	STE	SUITE
		K	KING	STL	STEEL
DBL	DOUBLE	KIT	KITCHEN	STOR	STORAGE
DEMO	DEMOLISH, DEMOLITION	KD	KNOCKDOWN	STRUC	STRUCTURE
DEPT	DEPARTMENT			ST STL	STAINLESS STEEL
DTL	DETAIL			STRUC	STRUCTURE (AL)
DF	DRINKING FOUNTAIN	L	ANGLE SHAPE	SUP	SUPPLY
DIA	DIAMETER	LAB	LABORATORY	SUSP	SUSPEND (ED)
DIAG	DIAGONAL	LAM	LAMINATE (ED)	T	TREAD
DIFF	DIFUSER	LAIN	LAUNDRY	T/	TOP OF
DIM	DIMENSION	LAV	LAVATORY	T/S	TOP OF STEEL/SLAB
DISP	DISPENSER	LB	POUND	T/W	TOP OF WALL
DIV	DIVISION	LDSC	LANDSCAPE (ED, ING)	TAE	THERMAL ACRYLIC ENAMEL COATING
DL	DEAD LOAD	LF	LEFT HAND	TB	TOWEL BAR
DN	DOWN	LKR	LOCKER	T&G	TONGUE & GROOVE
DN RM	DINING ROOM	LL	LIVE LOAD	TD	TRENCH DRAIN
DN DISP	DUAL NAPKIN DISPOSAL	LONG	LONGITUDINAL	TEL	TELEPHONE
DPFG	DAMP ROOFING	LP	LOW POINT	TEMP	TEMPER (ED)
DR	DOOR	LTV	LOUVER	TERR	TERRACE
DR RM	DRESSING ROOM			THK	THICK (NESS)
DRNBD	DRAINBOARD			THRU	THROUGH
DRN	DRAIN	MACH	MACHINE	TOIL	TOILET
DS	DOWNSPOUT	MAINT	MAINTAIN (ANCE)	TOPO	TOPOGRAPHIC MAP
DW	DRYWALL	MAS	MASONRY	TOC	TOP OF CURB
DWG	DRAWING	MATL	MATERIAL	TOS	TOP OF SLAB (STEEL)
DWR	DRAWER	MBH	MOP & BROOM HOLDER	TPD	TOILET PAPER DISPENSER
DWTR	DUMBWAITER	MECH	MECHANICAL	TRANS	TRANSVERSE (FER)
		MEMB	MEMBRANE	TYP	TYPICAL
E	EAST	MEZZ	MEZZANINE	US	UNCURCUT
EA	EACH	MFR	MANUFACTURE(ER)	UL	UNDERWRITERS LABORATORY
EDF	ELECTRICAL DRINK FOUNTAIN	MFT	MINERAL FISSURE TILE	UNO	UNLESS NOTED OTHERWISE
EIFS	EXTERIOR INSULATION FINISH SYSTEM	MH	MANHOLE	UR	URINAL
EJ	EXPANSION JOINT	MIN	MINIMUM (MINUTE)	USG	UNITED STATES GYPSUM
EL	ELEVATION	MIR	MIRROR	USU	UTILITY SHELF UNIT
ELEC	ELECTRIC (AL)	M/S	MIRROR WITH SHELF	UTIL	UTILITY (IES)
ELEV	ELEVATOR	MISC	MISCELLANEOUS	VAL	VALLEY
EMER	EMERGENCY	MO	MASONRY OPENING	VAR	VARY (IES)
EMP	EMPLOY (EE)	MD	MODIFY (ED)	VAP BAR	VAPOR BARRIER
ENCL	ENCLOSURE	MP	MIDPOINT	VCT	VINYL COMPOSITION TILE
ENG	ENGINEER (ING)	MR	MOISTURE RESISTANT	VERT	VERTICAL
ENTR	ENTRANCE (ENTRY)	MTD	MEETING	VEST	VESTIBULE
EOS	EDGE OF SLAB	MTG	METAL	VIF	VERIFY IN FIELD
EPX	EPOXY	MUL	MULLION	V PLAS	VENEER PLASTER
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	N	NORTH	VOC	VERTICAL ON CENTER
EPS	EXTRUDED POLYSTYRENE	NA	NOT APPLICABLE	VOL	VOLUME
EQ	EQUAL	NAT	NATURAL	VS	VINYL SHEET
EQUIP	EQUIPMENT	NEOP	NEOPRENE	VT	VINYL TILE
ESCF	ESCAPE	NF	NO FINISH	VW	VIEW WINDOW
ESCL	ESCALATOR	NIC	NOT IN CONTRACT	VWC	VINYL WALL COVERING
ETC	ETCETERA	NO / NOM	NUMBER NOMINAL		
EW	ELECTRIC WATER COOLER	NRC	NOISE REDUCTION COEFFICIENT		
EXC	EXCAVATION	NTS	NOT TO SCALE		
EXCL	EXCLUDE (ED, ING)	OA	OVERALL (DIMENSION)		
EXH	EXHAUST	OC	ON CENTER		
EXIST	EXISTING	OD ODRN	OVERFLOW DRAIN		
EXP	EXPOSED	OH	OVER HEAD		
XPN	EXPAND (ED, ING, SION)	OPP HD	OPPOSITE HAND		
EXT	EXTERIOR	OPNG	OPENING		
EXTR	EXTRUDE (ED)	OPPS	OPPOSITE		
		OTS	OPEN TO STRUCTURE		
		OZ	OUNCE		
				W	WEST
				W/	WITH
				WC	WATER CLOSET
				WD	WOOD
				WINDW	WINDOW
				WF	WIDE FLANGE SHAPE
				WG	WIRE GLASS
				W/O	WITHOUT
				WP	WORKPOINT
				WPFPG	WATERPROOFING
				WR	WASTE RECEPTACLE
				WT	WEIGHT
				WVF	WELDED WIRE FABRIC
				YD	YARD (S)

SYMBOLS LEGEND



MATERIALS LEGEND



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Not shown is an illustration of typical construction details. See the project manual for more information. The information in this manual is for informational purposes only and does not constitute a contract. The information in this manual is subject to change without notice.

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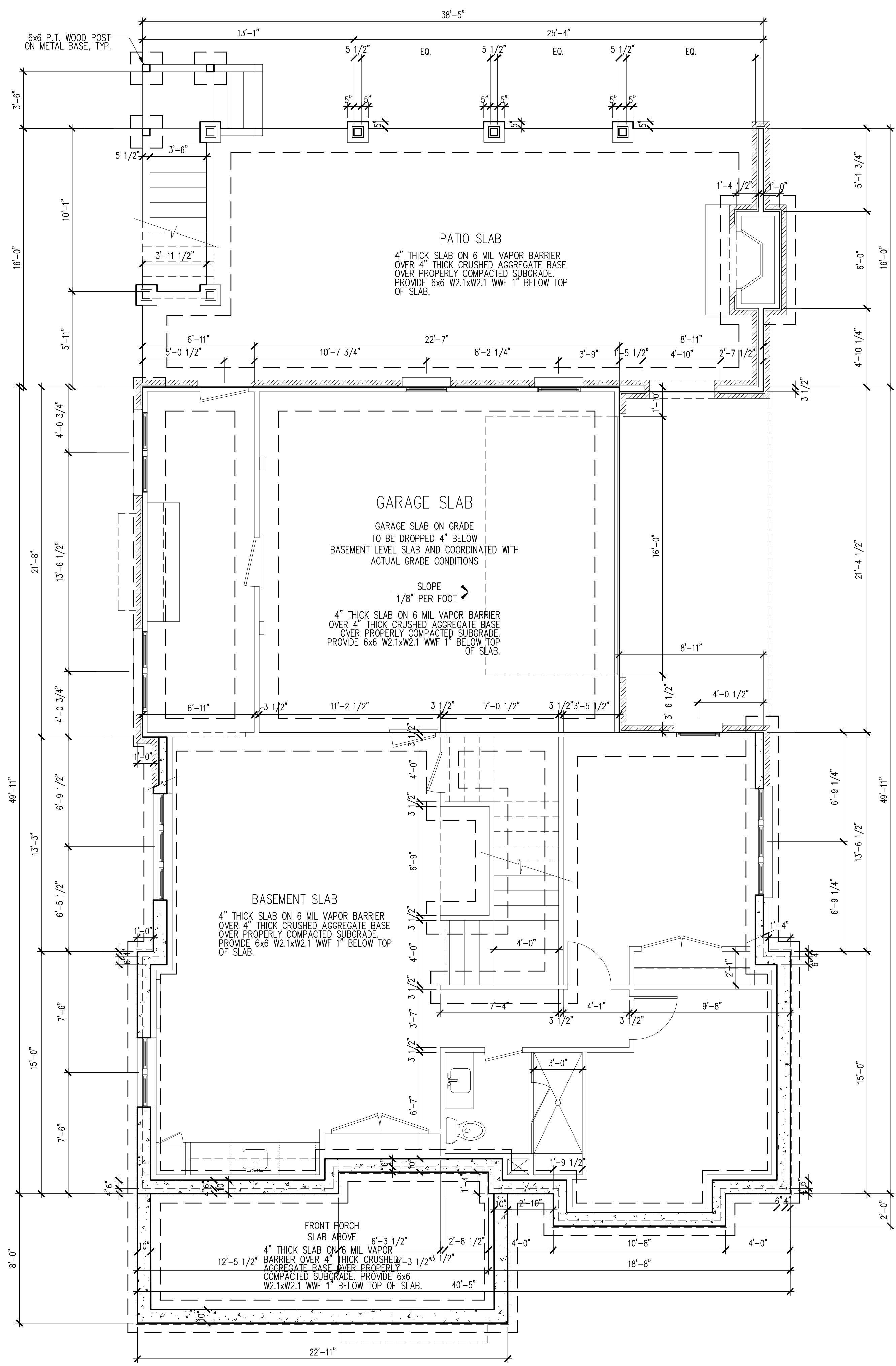
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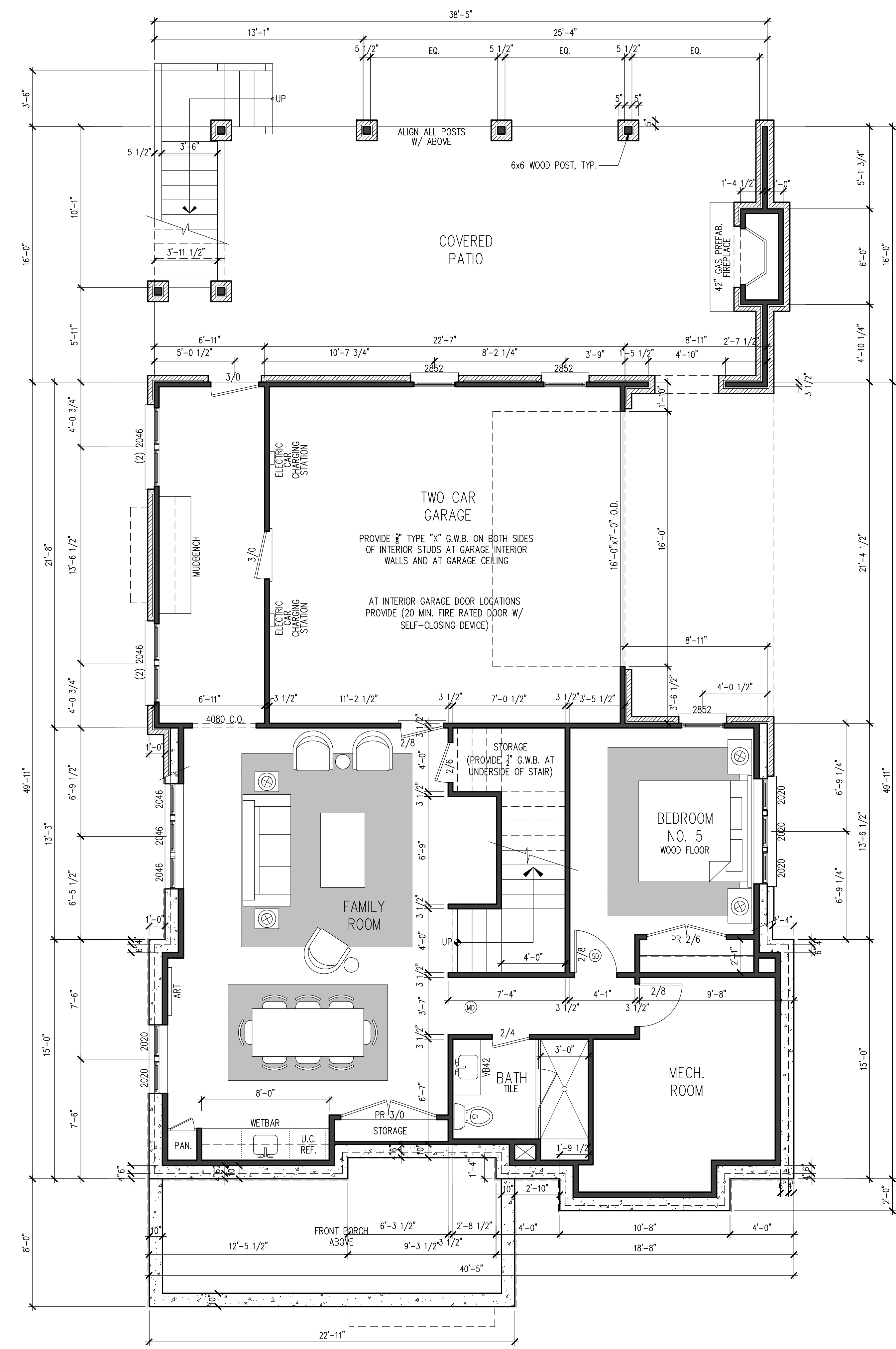
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1 FOUNDATION PLAN
A100 1/4"=1'-0"



2 BASEMENT FLOOR PLAN
A100 1/4"=1'-0"

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See drawings for materials of record
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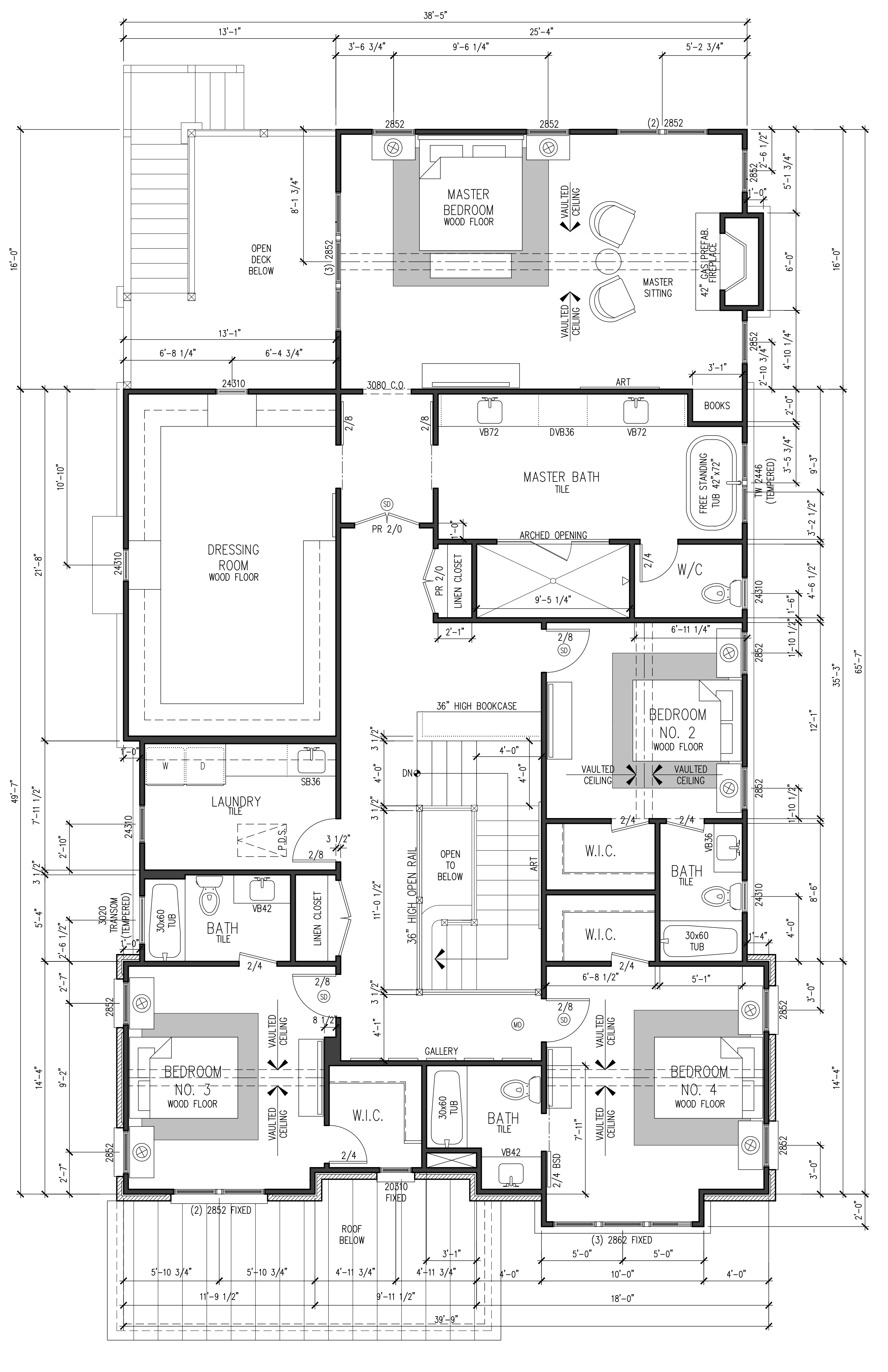
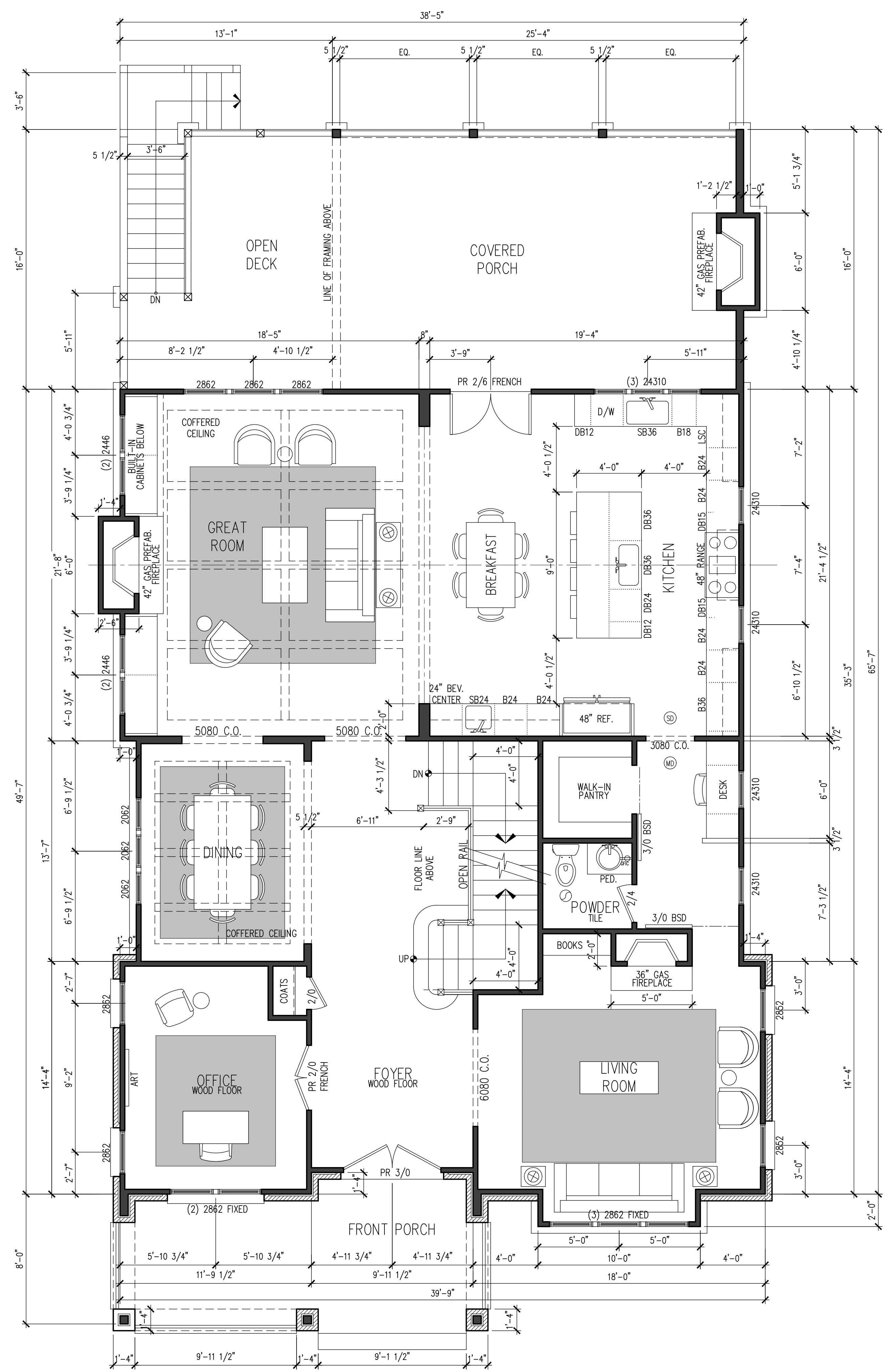
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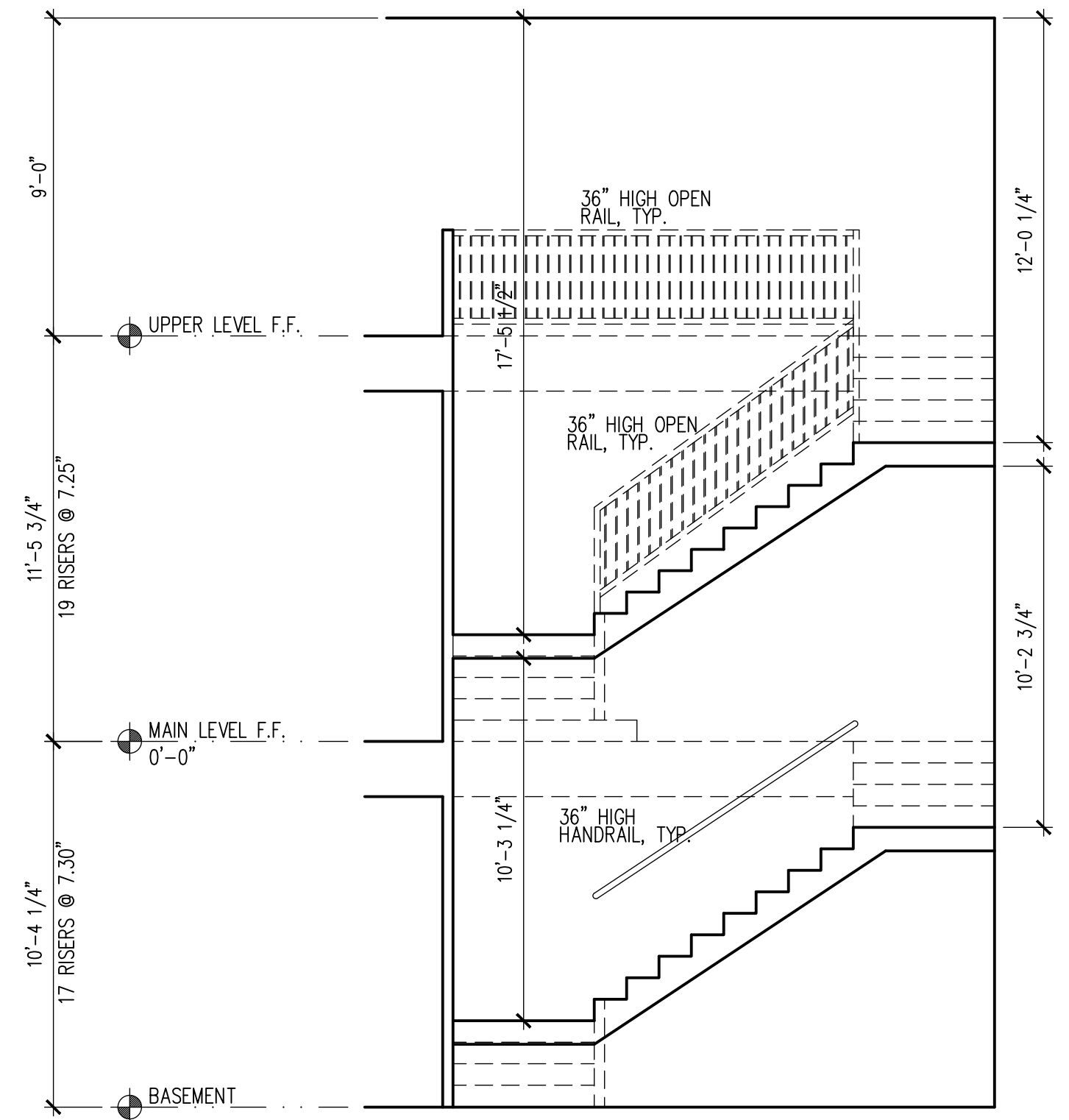
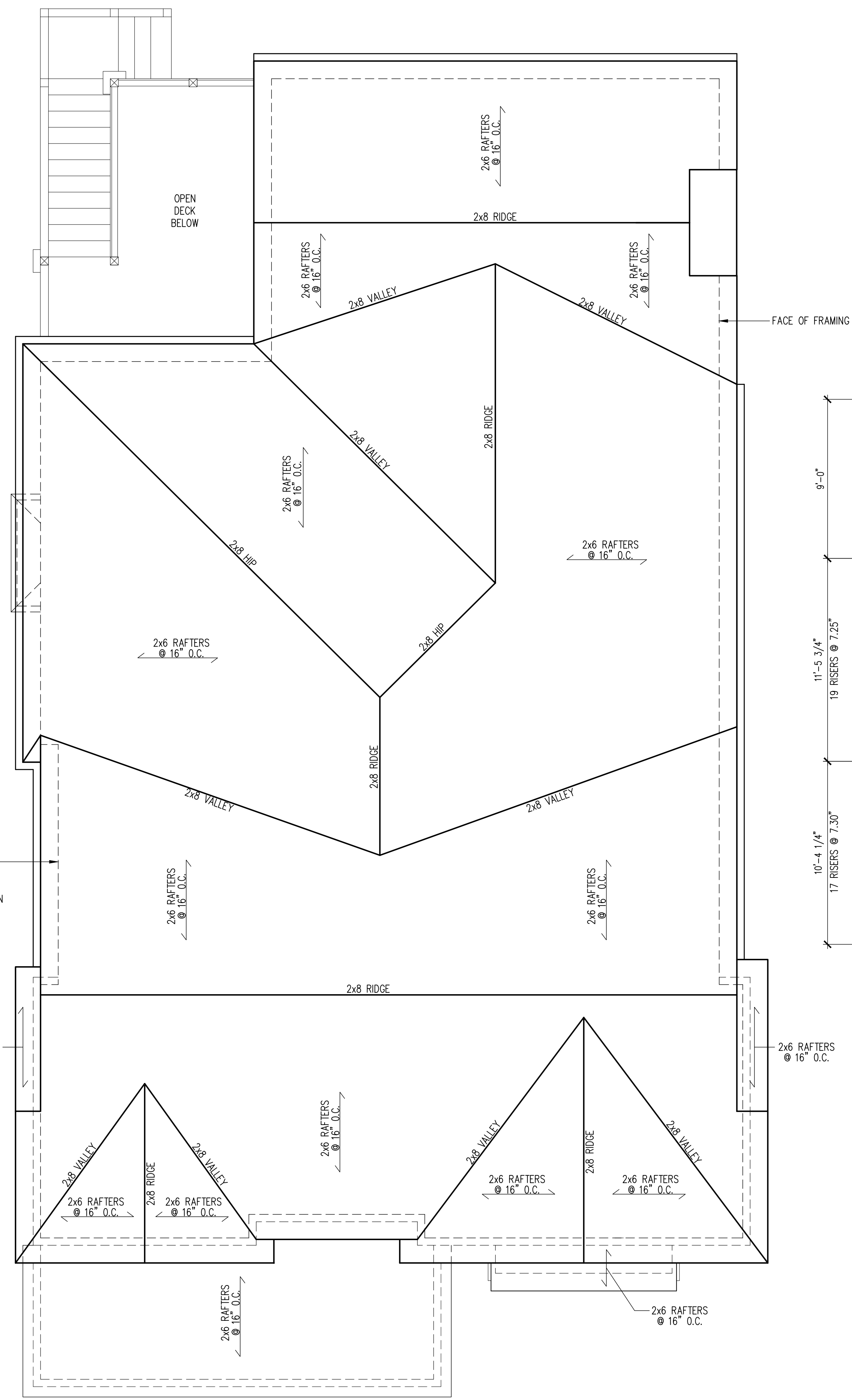
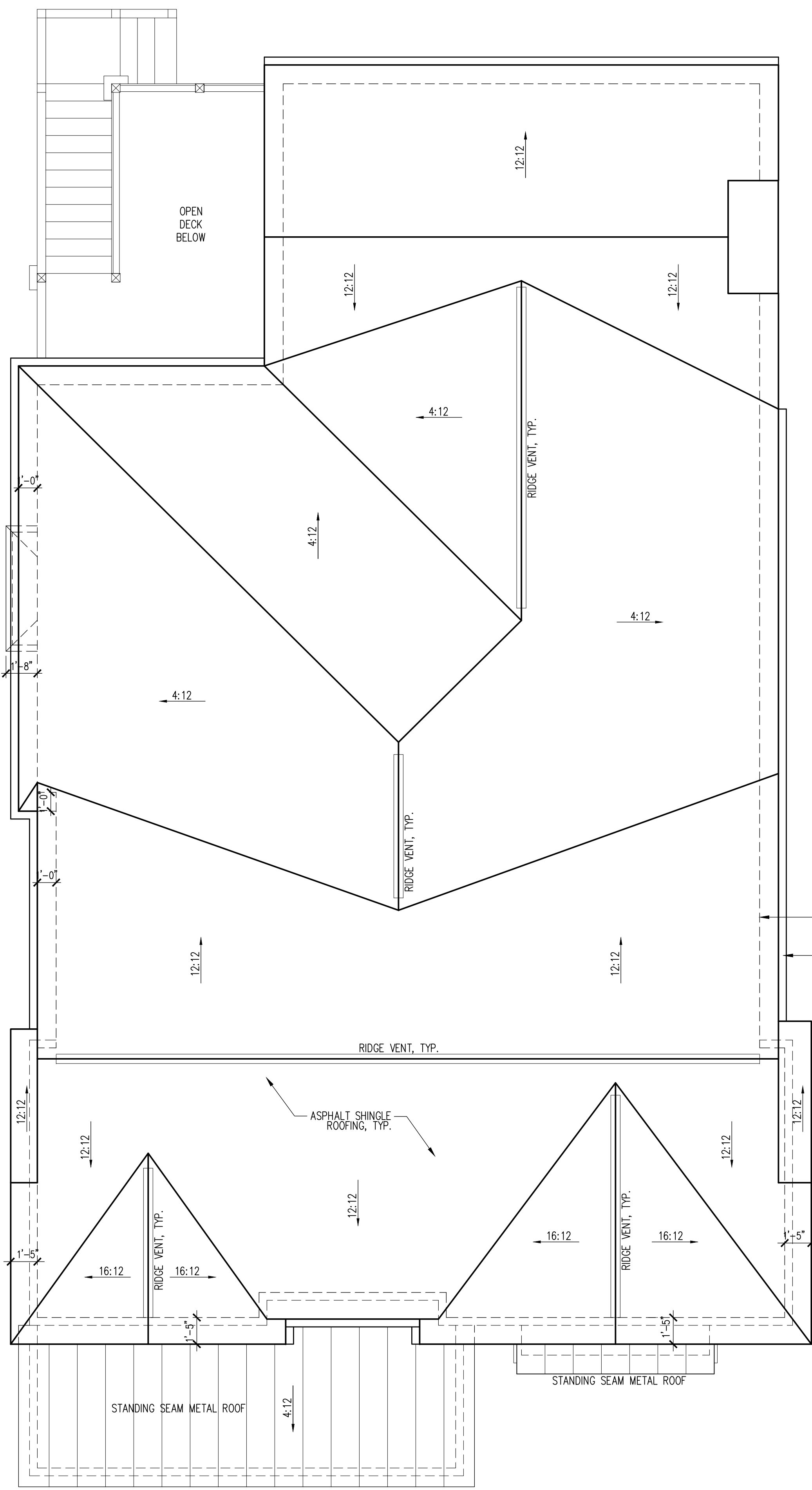
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Title:
ROOF PLAN & VERT. CIRCULATION
Scale:
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1 FRONT ELEVATION
A201 1/4"=1'-0"



2 RIGHT SIDE ELEVATION
A201 1/4"=1'-0"

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Title:
EXTERIOR ELEVATIONS
 Scale:
 1/4" = 1'-0"

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A202
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1 REAR ELEVATION
 A202 1/4"=1'-0"



2 LEFT SIDE ELEVATION
 A202 1/4"=1'-0"

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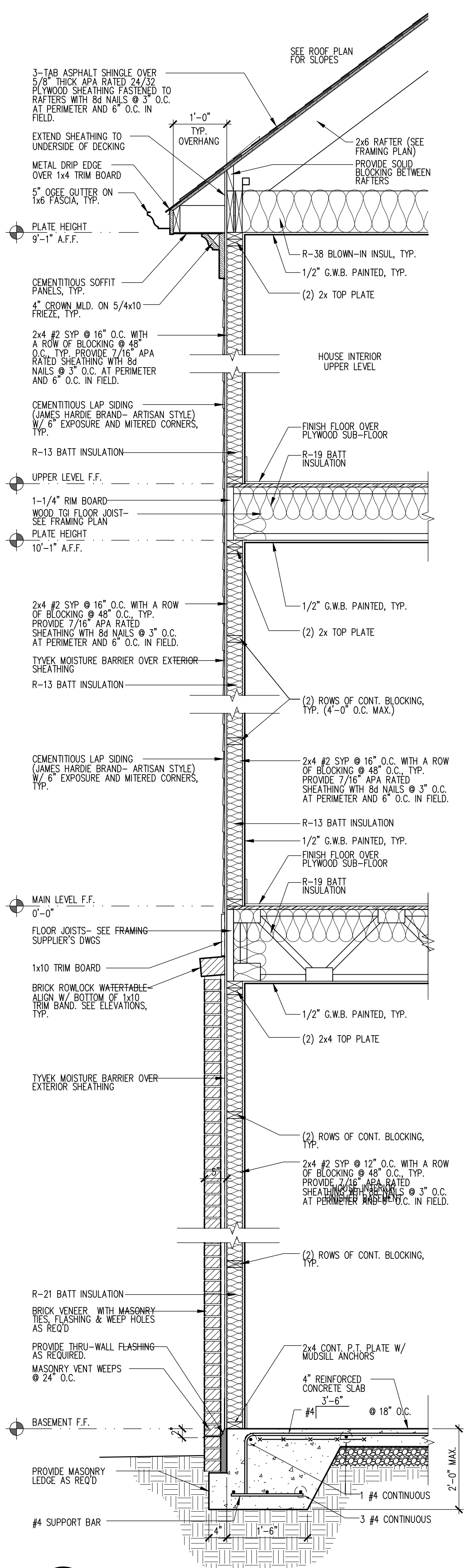
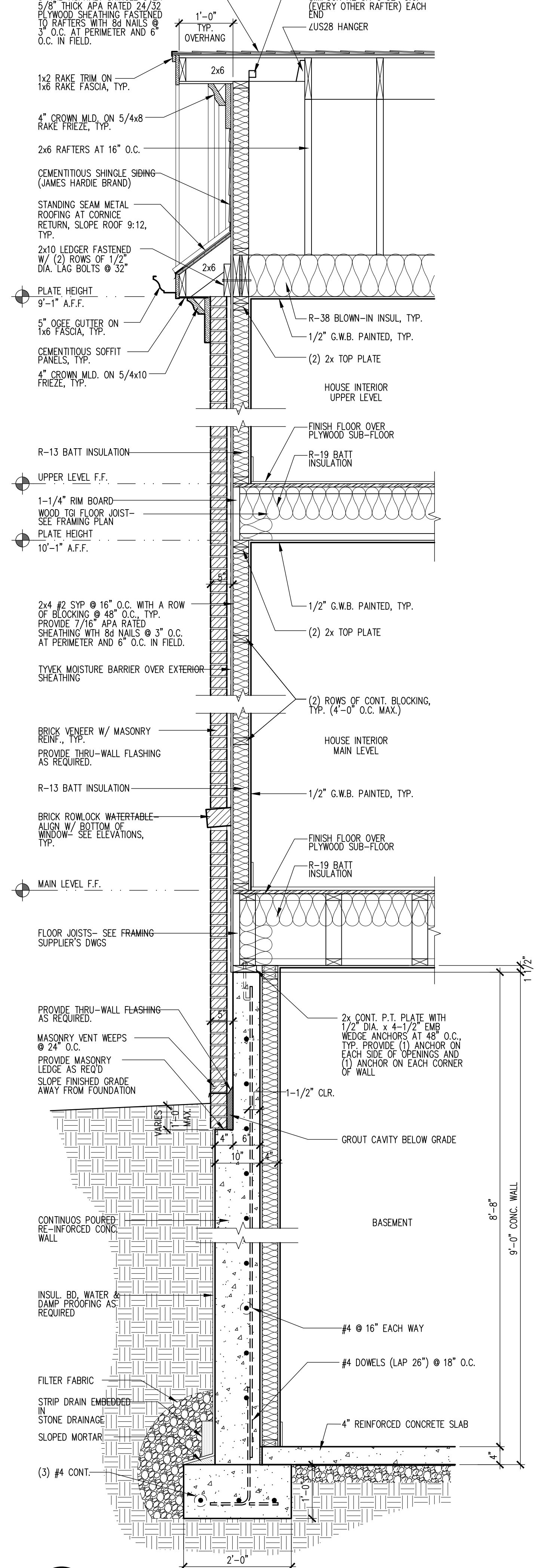
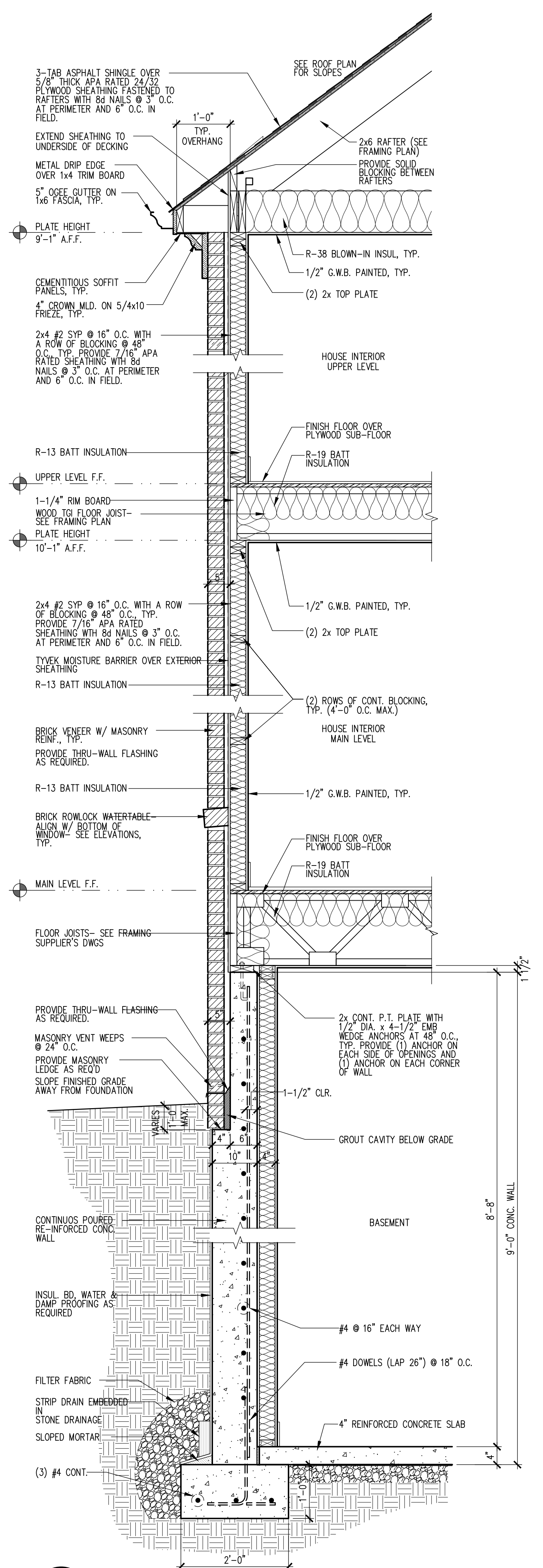
SEE DRAWING FOR MATERIALS OF SPECIFIC PRODUCTS. ALL MATERIALS TO BE USED SHALL BE APPROVED BY THE ARCHITECT. ALL MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

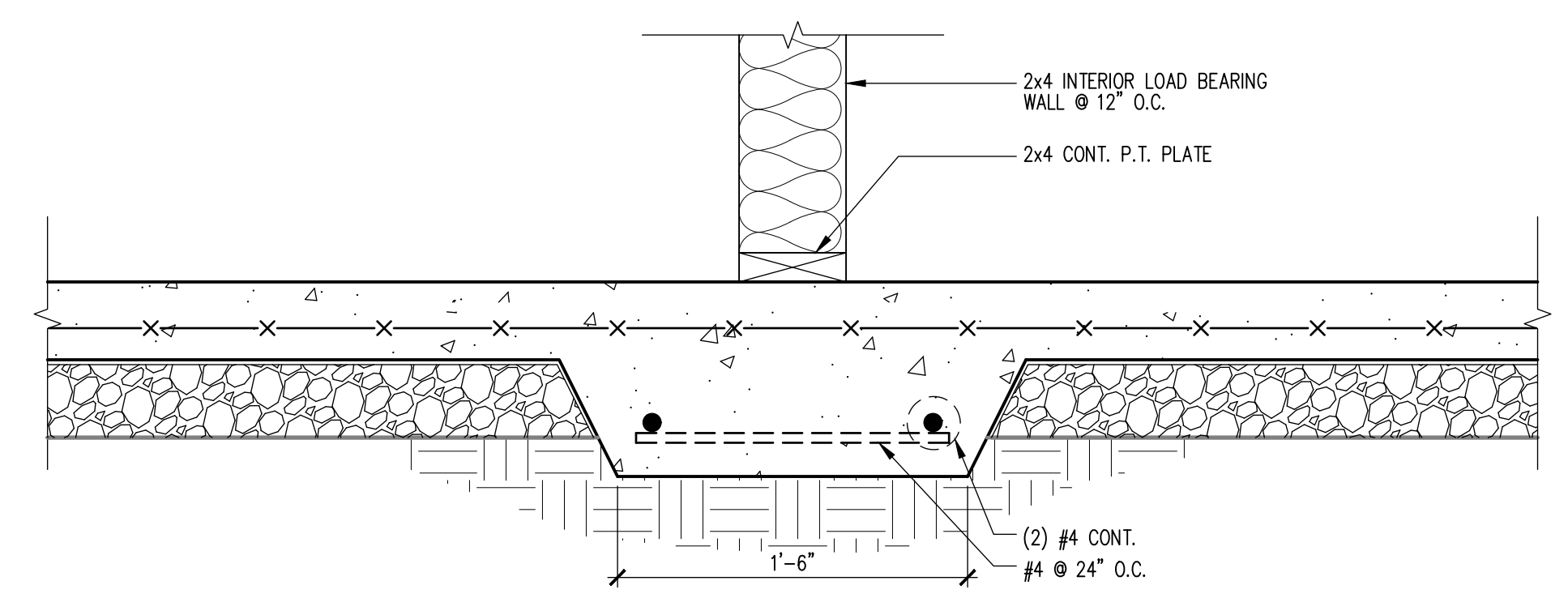
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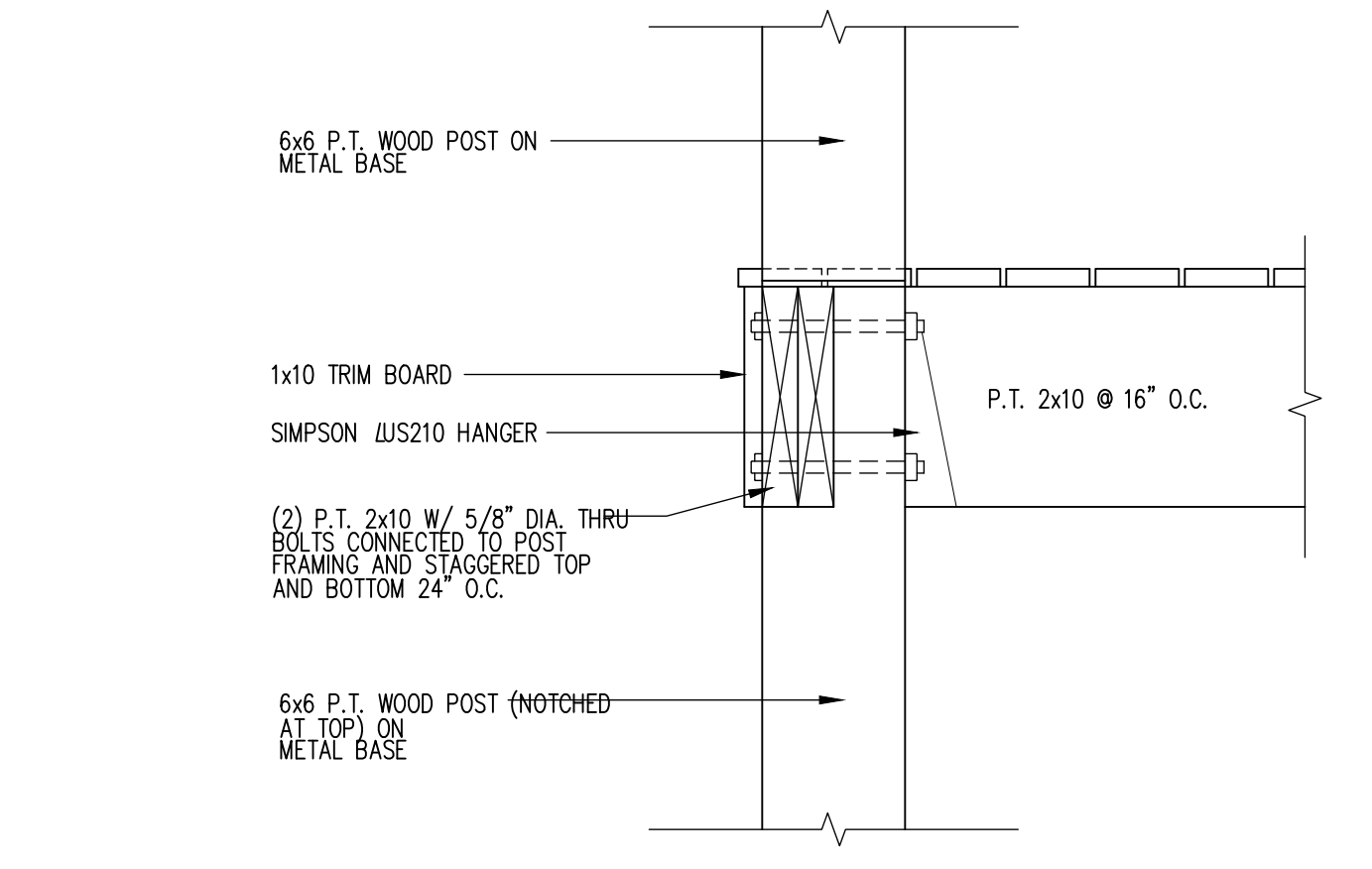
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SECTIONS & DETAILS
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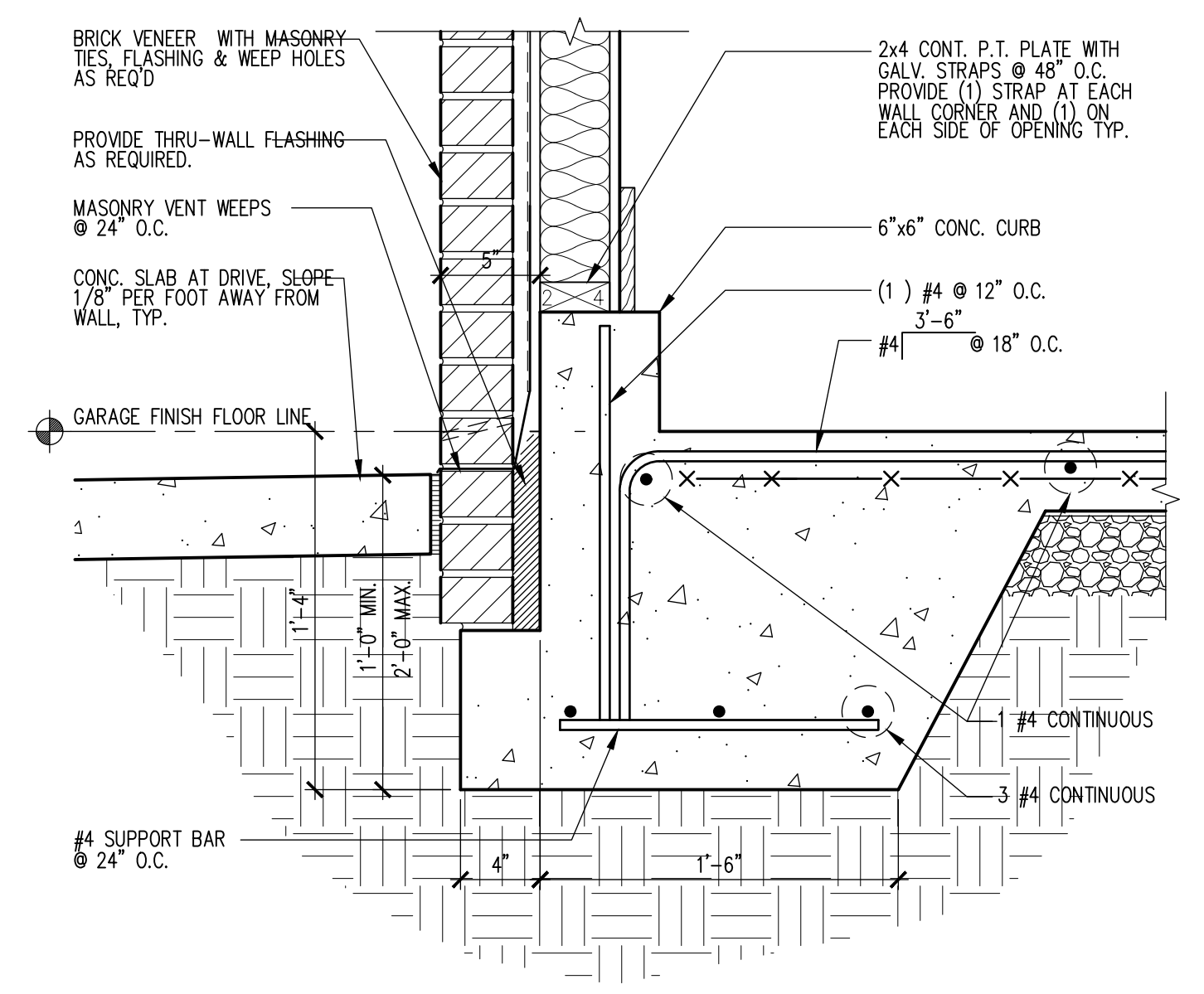




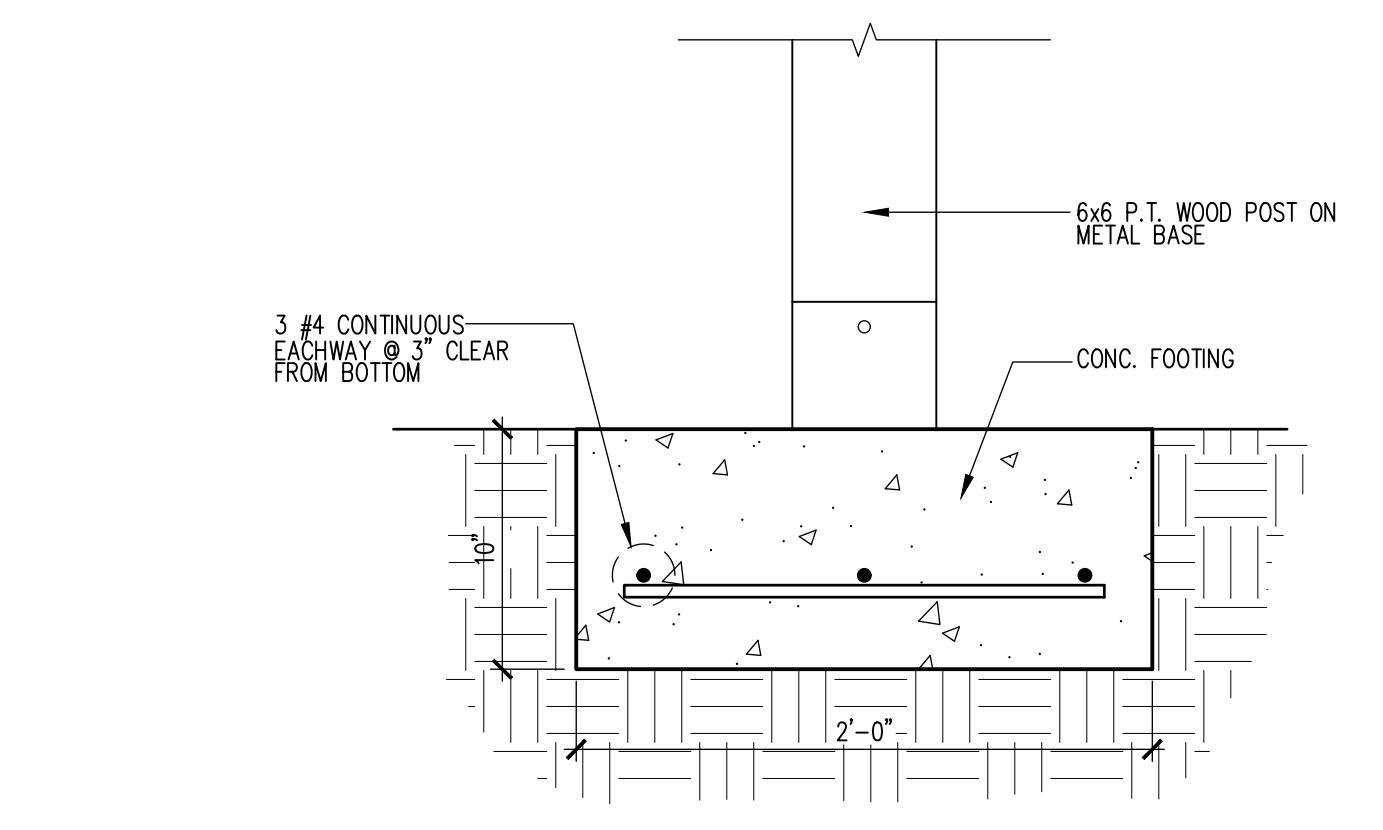
1 SECTION DETAIL @ LOAD BEARING WALL SLAB
A302 1-1/2"=1'-0"



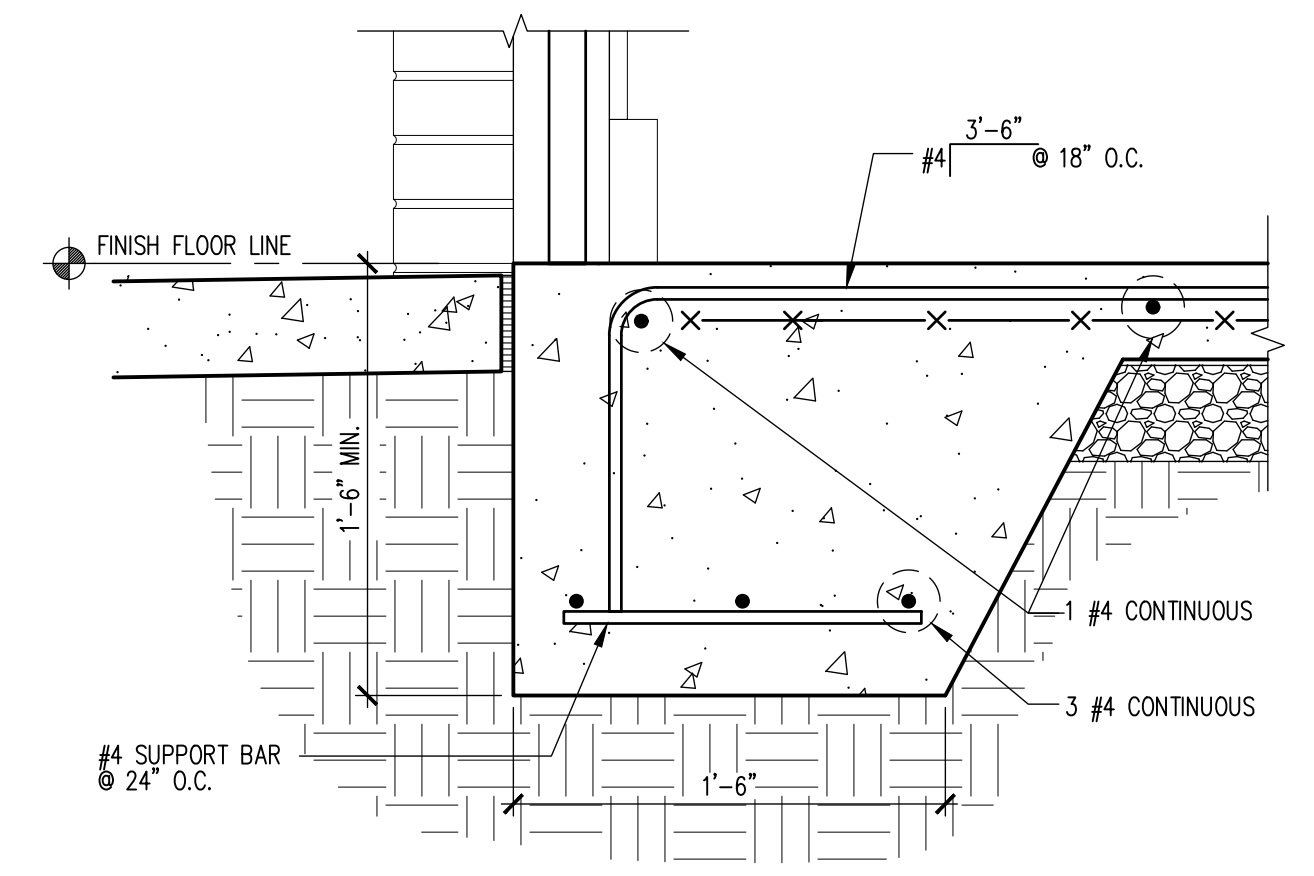
4 SECTION DETAIL @ DECK POST
A302 1-1/2"=1'-0"



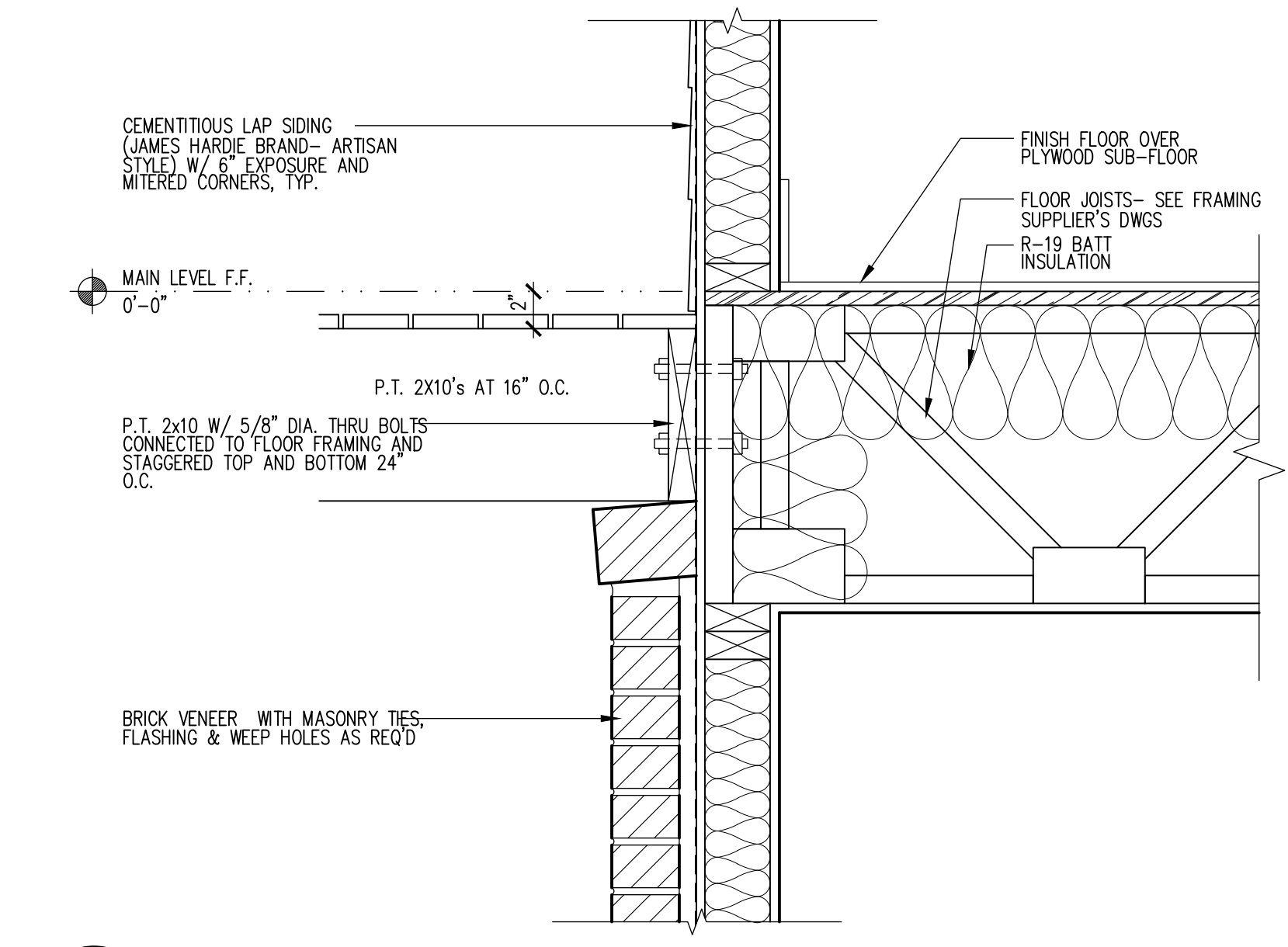
2 SECTION DETAIL @ GARAGE SLAB / CURB
A302 1-1/2"=1'-0"



5 SECTION DETAIL @ DECK POST FOUNDATION
A302 1-1/2"=1'-0"



3 SECTION DETAIL @ GARAGE SLAB / DOOR SILL
A302 1-1/2"=1'-0"



6 SECTION DETAIL @ DECK CONNECTION
A302 1-1/2"=1'-0"

Drawn:
Checked:
Date:
Job No.:

Revisions:

No.	Date

1688 N PELHAM ROAD
A NEW SINGLE FAMILY HOUSE PROJECT
ATLANTA, GEORGIA

GOODMAN DESIGN
P.O. BOX 250364
ATLANTA, GEORGIA 30325
ph. (678) 427-8466
e. brant@goodmandesign.us
creating architecture for sustainable environments

Create: _____ Process: _____ Design with Purpose: _____

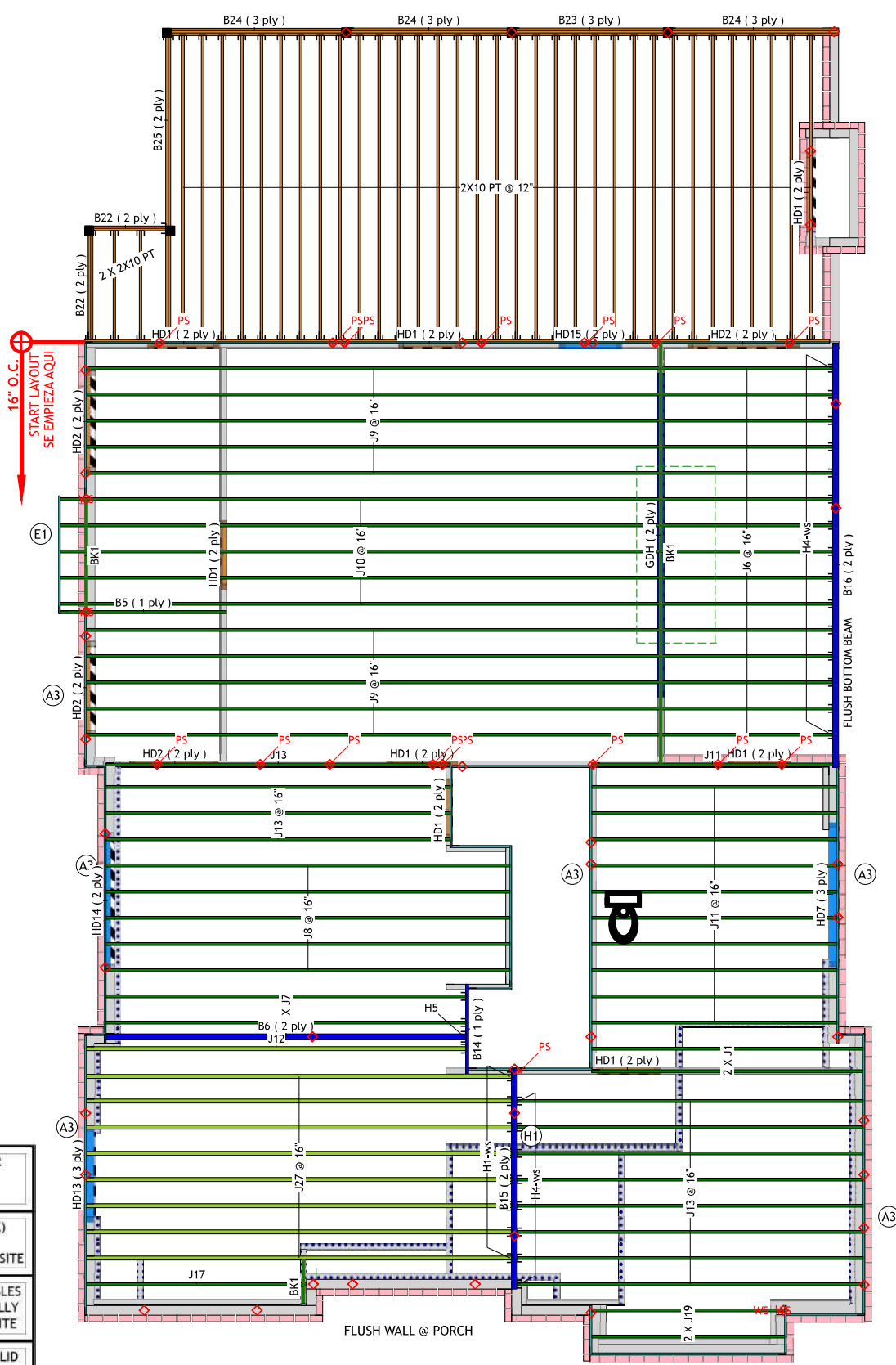
Title:
SECTIONS & DETAILS
Scale:
AS NOTED

Sheet:
A302
of:



DA ASSEMBLED DOUBLE I-JOIST
 ONLY APPLIES TO SIDE-LOADED DOUBLES U.N.O.
 NAIL WEB TO FILLER-MATERIAL @ 12" O.C.
 FILLER LUMBER *CUT TO MAXIMUM DEPTH POSSIBLE*
 CLENCH (BEND) NAILS ON OPPOSITE END

HVAC ACCESS HOLES
 PLACE LABELED END OF JOISTS AS SHOWN TO ENSURE THAT PRECUT HOLES WILL ALIGN.
 CIRCLE INDICATES LABELED END OF JOIST



BEAM PLY CONNECTION:
 3 ROWS 10d @ 12" O.C. - 9 1/2" AND 11 7/8"
 4 ROWS 10d @ 12" O.C. - 14" AND DEEPER
 IF USING 16d NAILS, REDUCE ROWS BY ONE

CONEXION DE LAS VIGAS:
 3 LINEAS DE 10d A 12" O.C. - PARA 9 1/2" Y 11 7/8"
 4 LINEAS DE 10d A 12" O.C. - PARA 14" Y MAS GRANDE
 SI UTILIZA CLAVOS 16d REDUZCA LAS LINEAS A UNA SOLA

REFER TO YOUR LOCAL BUILDING CODE FOR GARAGE PORTAL FRAMING REQUIREMENTS

DIMENSIONAL LUMBER NOT SHIPPED WITH FLOOR SYSTEM

I-JOIST BLOCKING (BK) SHIPPED IN RANDOM LENGTHS TO BE CUT ON SITE

JOISTS SHOWN AS DOUBLES ARE SHIPPED INDIVIDUALLY TO BE ASSEMBLED ON SITE

FRAMER TO INSTALL SOLID BLOCKING UNDER ALL LVL AND LSL BEAMS

1ST FLOOR

I Joist

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
B5	BCI 4500s	1.75	16			1	9-0-0
J1	BCI 4500s	1.75	16			2	14-0-0
J6	BCI 4500s	1.75	16			15	9-0-0
J7	BCI 4500s	1.75	16			2	19-0-0
J8	BCI 4500s	1.75	16			5	21-0-0
J9	BCI 4500s	1.75	16			10	30-0-0
J10	BCI 4500s	1.75	16			5	31-0-0
J17	BCI 4500s	1.75	16			1	12-0-0
J19	BCI 4500s	1.75	16			2	10-0-0
J11	BCI 4500s	1.75	16			11	13-0-0
J13	BCI 4500s	1.75	16			12	18-0-0
J12	BCI 60s	2.313	16			1	20-0-0
J27	BCI 60s	2.313	16			8	22-0-0

LVL/LSL

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
HD7	Versa-Lam LVL 1.8E 2650 SP	1.75	9.5	1	3	3	8-0-0
HD13	Versa-Lam LVL 1.8E 2650 SP	1.75	9.5	1	3	3	5-0-0
HD14	Versa-Lam LVL 1.8E 2650 SP	1.75	9.5	1	2	2	8-0-0
HD15	Versa-Lam LVL 1.8E 2650 SP	1.75	9.5	1	2	2	4-0-0
B6	Versa-Lam LVL 2.1E 3100 SP	1.75	16	1	2	2	19-0-0
B14	Versa-Lam LVL 2.1E 3100 SP	1.75	16			1	5-0-0
B15	Versa-Lam LVL 2.1E 3100 SP	1.75	16	1	2	2	12-0-0
GDH	Versa-Lam LVL 2.1E 3100 SP	1.75	20	1	2	2	22-0-0
B16	Versa-Lam LVL 2.1E 3100 SP	1.75	24	1	2	2	22-0-0

Rim Board

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
R1	BC Rim Board OSB 1 X 16	1	16			16	12-0-0

Lumber

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
HD1	S-P-F #2	1.5	9.25	8	2	16	4-0-0
HD2	S-P-F #2	1.5	9.25	4	2	8	6-0-0
B22	SP #2	1.5	9.25	2	2	4	6-0-0
B23	SP #2	1.5	9.25	1	3	3	8-0-0
B24	SP #2	1.5	9.25	3	3	9	10-0-0
B25	SP #2	1.5	9.25	1	2	2	16-0-0
2X10 PT	SP #2	1.5	9.25			33	16-0-0
2X10 PT	SP #2	1.5	9.25			2	6-0-0
Lg2	SP #2	1.5	9.25			1	38-0-0

Hanger

Label	Pcs	Description	Skew	Slope	Beam/Girder fasteners	Supported Member fasteners
H1	9	IUS2.37/16 (Max)			16 10d	2 10dx1 1/2
H4	25	IUS1.81/16 (Max)			16 10d	2 10dx1 1/2
H5	1	HGUS410			46 10dx1 1/2	16 16d

Blocking

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
BK1	BCI 4500s	1.75	16	LinFt		Varies	27-0-0



Contract Lumber
 4650 Thurmon Tanner Parkway
 Flowery Branch, GA
 30542
 678.866.8600

Description
 1688 N. PELHAM

Builder
 Spencer Love Homes

Plan Name
 SPENCER-1688

Layout Name
 SPENCER-1688

Sales Rep
 MAK

Revised
 August 23, 2022

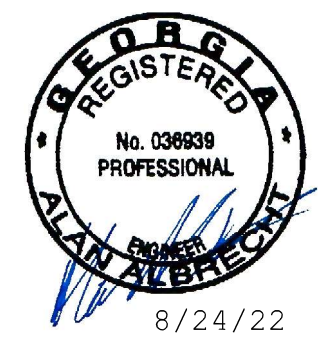
Plotted
 August 23, 2022

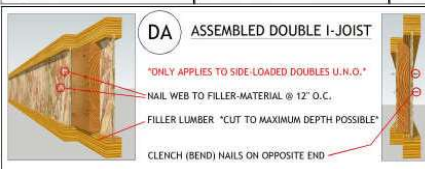
Bids Option
 Spencer Love Homes\1688 N Pelham\SPENCER-1688.isl

SCALE U.N.O.
 11" X 17" PAPER = 1/8" = 1FT
 24" X 36" PAPER = 1/4" = 1FT

1ST FLOOR

Design Method	ASD (USA)
Building Code	IRC 2018
Floor	
Loads	
Live	40
Dead	10
Deflection Joist	
LL Span L/	480
TL Span L/	360
Deflection Flush Girder	
LL Span L/	480
TL Span L/	240
LL Cant 2L/	180
TL Cant 2L/	180
Deflection Dropped Girder	
LL Span L/	480
TL Span L/	240
LL Cant 2L/	180
TL Cant 2L/	180
Deflection Header	
LL Span L/	480
TL Span L/	600
TL Cant 2L/	600
Decking	
Decking	SPF Plywood
	23/32 APA
	Rated Sturd-I-Floor
Fastener	Nailed & Glued





DA ASSEMBLED DOUBLE I-JOIST
 ONLY APPLIES TO SIDE-LOADED DOUBLES U.N.O.
 NAIL WEB TO FILLER-MATERIAL @ 12" O.C.
 FILLER LUMBER *CUT TO MAXIMUM DEPTH POSSIBLE*
 CLENSH (BEND) NAILS ON OPPOSITE END

HVAC ACCESS HOLES
 PLACE LABELED END OF JOISTS AS SHOWN TO ENSURE THAT PRECUT HOLES WILL ALIGN.
 CIRCLE INDICATES LABELED END OF JOIST



1. BOISE INSTALLATION



BEAM PLY CONNECTION:
 3 ROWS 10d @ 12" O.C. - 9 1/2" AND 11 7/8"
 4 ROWS 10d @ 12" O.C. - 14" AND DEEPER
 IF USING 16d NAILS, REDUCE ROWS BY ONE

CONEXION DE LAS VIGAS:
 3 LINEAS DE 10d A 12" O.C. - PARA 9 1/2" Y 11 7/8"
 4 LINEAS DE 10d A 12" O.C. - PARA 14" Y MAS GRANDE
 SI UTILIZA CLAVOS 16d REDUZCA LAS LINEAS A UNA SOLA

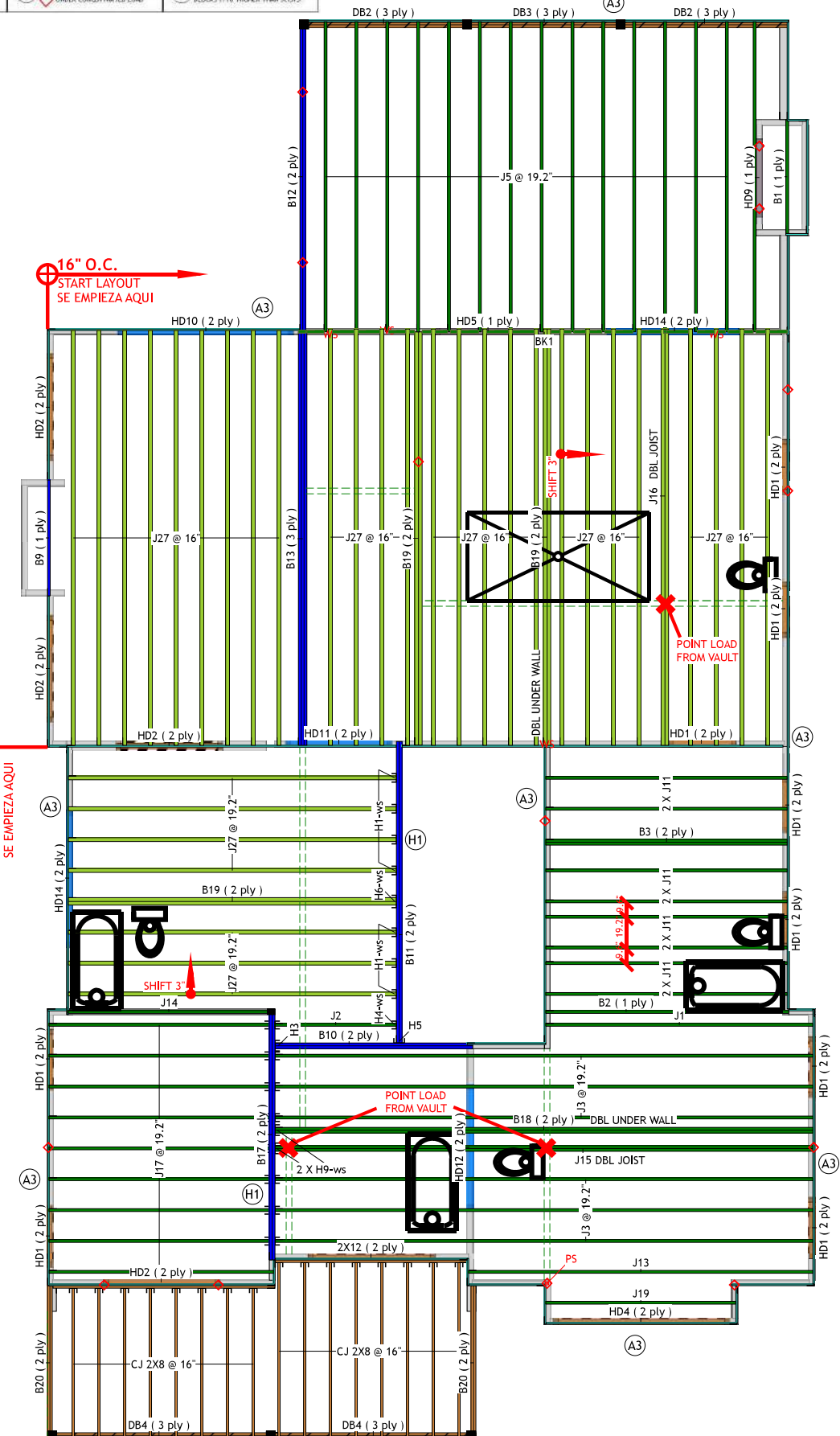
REFER TO YOUR LOCAL BUILDING CODE FOR GARAGE PORTAL FRAMING REQUIREMENTS

DIMENSIONAL LUMBER NOT SHIPPED WITH FLOOR SYSTEM

I-JOIST BLOCKING (BK) SHIPPED IN RANDOM LENGTHS TO BE CUT ON SITE

JOISTS SHOWN AS DOUBLES ARE SHIPPED INDIVIDUALLY TO BE ASSEMBLED ON SITE

FRAMER TO INSTALL SOLID BLOCKING UNDER ALL LVL AND LSL BEAMS



SECOND FLOOR

I Joist

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
B1	BCI 4500s	1.75	14			1	6-0-0
J1	BCI 4500s	1.75	16			1	14-0-0
J2	BCI 4500s	1.75	16			1	7-0-0
J3	BCI 4500s	1.75	16			6	28-0-0
J5	BCI 4500s	1.75	16			15	17-0-0
J11	BCI 4500s	1.75	16			8	13-0-0
J13	BCI 4500s	1.75	16			1	18-0-0
J15	BCI 4500s	1.75	16	1	2	2	28-0-0
J17	BCI 4500s	1.75	16			9	12-0-0
J19	BCI 4500s	1.75	16			1	10-0-0
J14	BCI 4500s	1.75	16			1	11-0-0
B2	BCI 4500s	1.75	16			1	13-0-0
B3	BCI 4500s	1.75	16	1	2	2	13-0-0
B18	BCI 4500s	1.75	16	1	2	2	28-0-0
J16	BCI 60s	2.313	16	1	2	2	22-0-0
J27	BCI 60s	2.313	16			33	22-0-0
B19	BCI 60s	2.313	16	3	2	6	22-0-0

LVL/LSL

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
HD11	Versa-Lam LVL 1.8E 2650 SP	1.75	9.5	1	2	2	6-0-0
HD12	Versa-Lam LVL 1.8E 2650 SP	1.75	9.5	1	2	2	7-0-0
HD14	Versa-Lam LVL 1.8E 2650 SP	1.75	9.5	2	2	4	8-0-0
HD10	Versa-Lam LVL 1.8E 2650 SP	1.75	11.875	1	2	2	10-0-0
HD5	Versa-Lam LVL 1.8E 2650 SP	3.5	7			1	6-0-0
HD9	Versa-Lam LVL 1.8E 2650 SP	3.5	7			1	4-0-0
B9	Versa-Lam LVL 2.1E 3100 SP	1.75	16			1	6-0-0
B10	Versa-Lam LVL 2.1E 3100 SP	1.75	16	1	2	2	11-0-0
B11	Versa-Lam LVL 2.1E 3100 SP	1.75	16	1	2	2	16-0-0
B12	Versa-Lam LVL 2.1E 3100 SP	1.75	16	1	2	2	17-0-0
B13	Versa-Lam LVL 2.1E 3100 SP	1.75	16	1	3	3	22-0-0
B17	Versa-Lam LVL 2.1E 3100 SP	1.75	16	1	2	2	13-0-0

Rim Board

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
R1	BC Rim Board OSB 1 X 16	1	16			22	12-0-0

Lumber

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
B20	S-P-F #2	1.5	7.25	2	2	4	8-0-0
Lg1	S-P-F #2	1.5	7.25			1	12-0-0
Lg1	S-P-F #2	1.5	7.25			1	10-0-0
DB2	S-P-F #2	1.5	9.25	2	3	6	10-0-0
DB3	S-P-F #2	1.5	9.25	1	3	3	8-0-0
DB4	S-P-F #2	1.5	9.25	2	3	6	12-0-0
HD1	S-P-F #2	1.5	9.25	9	2	18	4-0-0
HD2	S-P-F #2	1.5	9.25	4	2	8	6-0-0
HD4	S-P-F #2	1.5	9.25	1	2	2	10-0-0
2X12	S-P-F #2	1.5	11.25	1	2	2	8-0-0
CJ 2X8	SP #2	1.5	7.25			8	10-0-0
CJ 2X8	SP #2	1.5	7.25			8	8-0-0

Hanger

Label	Pcs	Description	Skew	Slope	Beam/Girder fasteners	Supported Member fasteners
H1	7	IUS2.37/16 (Max)			16 10d	2 10dx1 1/2
H3	1	HGUS414			66 16d	22 16d
H4	16	IUS1.81/16 (Max)			16 10d	2 10dx1 1/2
H5	1	HGUS410			46 16d	16 16d
H6	1	MIU4.75/16 (Max)			24 16d	6 10dx1 1/2
H9	2	MIU3.56/16 (Max)			24 16d	6 10dx1 1/2

Blocking

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
BK1	BCI 4500s	1.75	16	LinFt		Varies	19-0-0



Contract Lumber
 4650 Thurmon Tanner Parkway
 Flowery Branch, GA
 30542
 678.866.8600

Description
 1688 N. PELHAM

Builder
 Spencer Love Homes

Plan Name
 SPENCER-1688

Layout Name
 SPENCER-1688

Sales Rep
 MAK

Designer
 MAK

Revised
 August 23, 2022

Plotted
 August 23, 2022

Blde Path
 Spencer Love Homes\1688 N Pelham\SPENCER-1688.isl

SCALE U.N.O.
 11" X 17" PAPER = 1/8" = 1FT
 24" X 36" PAPER = 1/4" = 1FT

SECOND FLOOR

Design Method ASD (USA)
 Building Code IRC 2018

Floor

Loads
 Live 40
 Dead 10

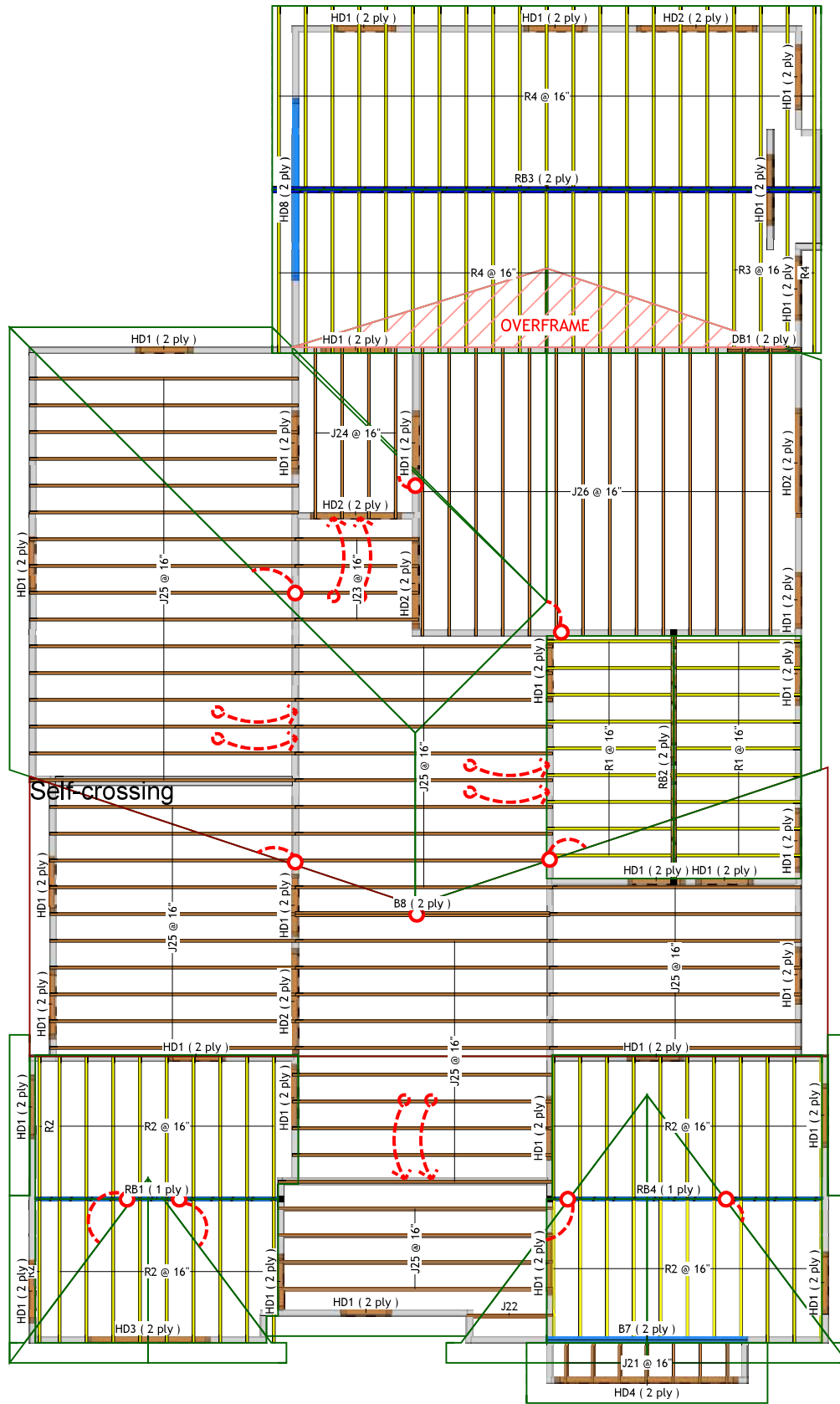
Deflection Joist
 LL Span L/ 480
 TL Span L/ 360

Deflection Flush Girder
 LL Span L/ 480
 TL Span L/ 240
 LL Cant 2L/ 180
 TL Cant 2L/ 180

Deflection Dropped Girder
 LL Span L/ 480
 TL Span L/ 240
 LL Cant 2L/ 180
 TL Cant 2L/ 180

Deflection Header
 LL Span L/ 480
 TL Span L/ 600
 TL Cant 2L/ 600

Decking
 Decking SPF Plywood
 23/32 APA
 Rated Sturd-I-Floor
 Fastener Nailed & Glued



CEILING							
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
HD8	Versa-Lam LVL 1.8E 2650 SP	1.75	9.5	1	2	2	10-0-0
B7	Versa-Lam LVL 1.8E 2650 SP	1.75	11.875	1	2	2	10-0-0
RB1	Versa-Lam LVL 1.8E 2650 SP	1.75	11.875			1	13-0-0
RB4	Versa-Lam LVL 1.8E 2650 SP	1.75	11.875			1	14-0-0
RB3	Versa-Lam LVL 2.1E 3100 SP	1.75	16	1	2	2	28-0-0

Lumber							
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
DB1	S-P-F #2	1.5	9.25	1	2	2	4-0-0
HD1	S-P-F #2	1.5	9.25	31	2	62	4-0-0
HD2	S-P-F #2	1.5	9.25	5	2	10	6-0-0
HD3	S-P-F #2	1.5	9.25	1	2	2	8-0-0
HD4	S-P-F #2	1.5	9.25	1	2	2	10-0-0
RB2	S-P-F #2	1.5	11.25	1	2	2	14-0-0
J21	SP #2	1.5	7.25			7	2-0-0
J22	SP #2	1.5	7.25			1	6-0-0
J23	SP #2	1.5	7.25			4	8-0-0
J24	SP #2	1.5	7.25			4	10-0-0
J25	SP #2	1.5	7.25			57	14-0-0
J26	SP #2	1.5	7.25			14	16-0-0
R1	SP #2	1.5	7.25			18	8-0-0
R2	SP #2	1.5	7.25			42	10-0-0
R3	SP #2	1.5	7.25			3	12-0-0
R4	SP #2	1.5	7.25			39	14-0-0
B8	SP #2	1.5	7.25	1	2	2	14-0-0

BEAM PLY CONNECTION:
 3 ROWS 10d @ 12" O.C. - 9 1/2" AND 11 7/8"
 4 ROWS 10d @ 12" O.C. - 14" AND DEEPER
 IF USING 16d NAILS, REDUCE ROWS BY ONE

CONEXION DE LAS VIGAS:
 3 LINEAS DE 10d A 12" O.C. - PARA 9 1/2" Y 11 7/8"
 4 LINEAS DE 10d A 12" O.C. - PARA 14" Y MAS GRANDE
 SI UTILIZA CLAVOS 16d REDUZCA LAS LINEAS A UNA SOLA

REFER TO YOUR LOCAL BUILDING CODE FOR GARAGE PORTAL FRAMING REQUIREMENTS

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Blde Option

Job Path
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SCALE U.N.O.
 11" X 17" PAPER = 1/8" = 1FT
 24" X 36" PAPER = 1/4" = 1FT

CEILING
 Design Method ASD (USA)
 Building Code IRC 2018

Floor
 Loads
 Live 20
 Dead 10
 Deflection Joist
 LL Span L/ 360
 TL Span L/ 240
 Deflection Flush Girder
 LL Span L/ 360
 TL Span L/ 240
 LL Cant 2L/ 180
 TL Cant 2L/ 180
 Deflection Dropped Girder
 LL Span L/ 360
 TL Span L/ 240
 LL Cant 2L/ 180
 TL Cant 2L/ 180
 Deflection Header
 LL Span L/ 480
 TL Span L/ 600
 TL Cant 2L/ 600

Roof
 Loads
 Live 10
 Dead 10
 Deflection Joist

