



HOUSE PLAN GALLERY, INC.

6659 HWY. 98 WEST, HATTIESBURG, MS 39402
EMAIL: HOUSEPLANGALLERY@COMCAST.NET || FAX: (601) 264-4483

DIMENSIONS AND CONDITIONS TO BE VERIFIED BY CONTRACTOR - © COPYRIGHTED - ANY AND ALL UNAUTHORIZED REPRODUCTION PROHIBITED

DATE:
10/07/10

DRAWN BY:
A.L.B.

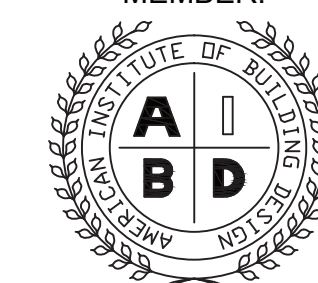
CHECKED BY:
G.S.M.

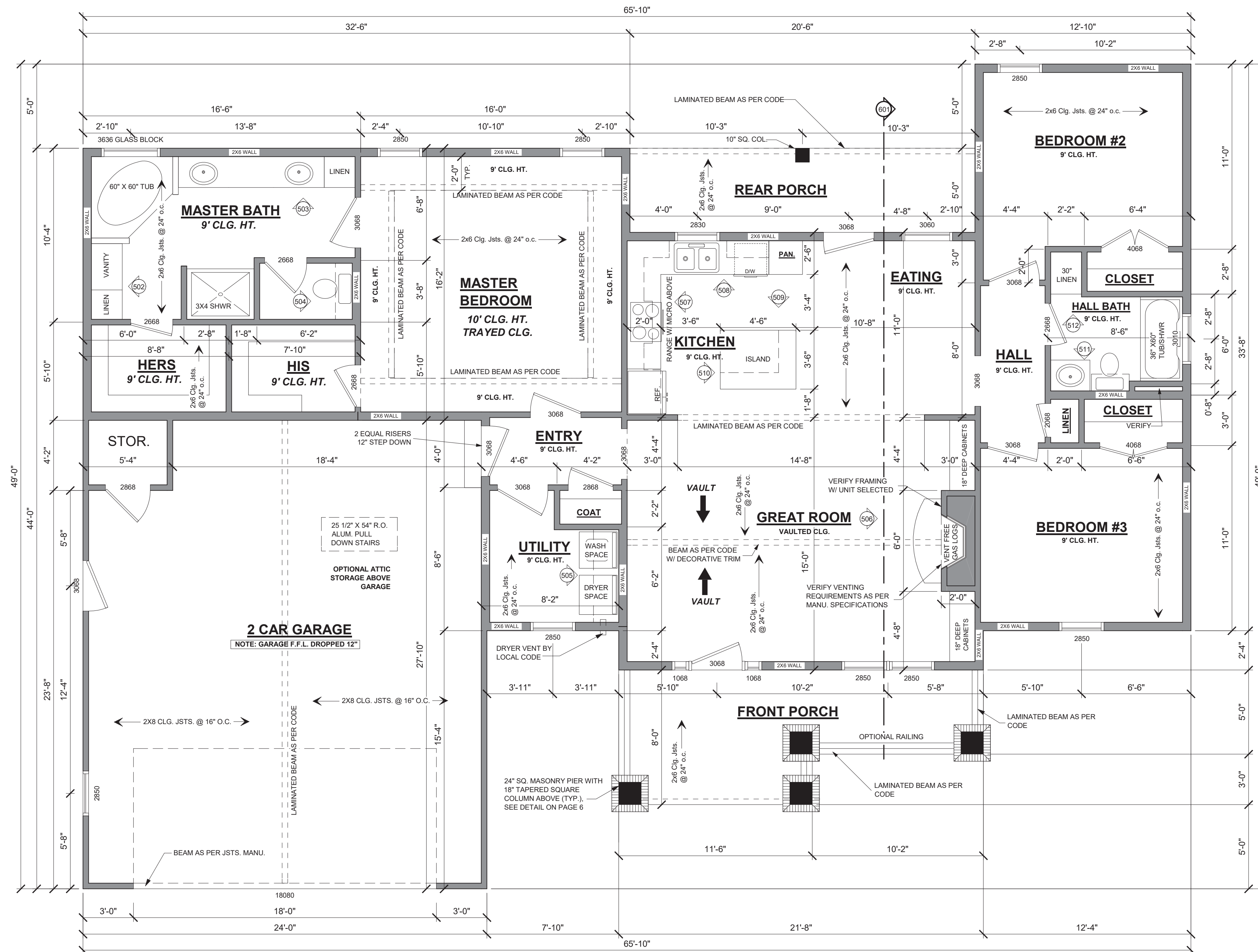
PLAN NUMBER
HPG-
1604C

SHEET NUMBER

1

PROFESSIONAL
MEMBER:





FLOOR PLAN

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

FLOOR PLAN NOTES

DOOR AND WINDOW SIZES ARE GIVEN IN FEET AND INCHES IN WIDTH AND HEIGHT RESPECTIVELY. EXAMPLE SIZE - 2860 IS 2'-8" WIDE BY 6'-0"

CONTRACTOR SHALL VERIFY CLEARANCE OF ALL TRIM SIZES SELECTED BY OWNER, AND ADJUST AS NECESSARY.

ADJUST FINISH FLOOR HEIGHT AS NEEDED FOR PROPER DRAINAGE ONSITE.

ALL WINDOW AND DOOR SIZES GIVEN ARE NOMINAL. REFER TO MANUF. SPECS FOR ROUGH OPENING DIMENSIONS.

HPG-1604C

AREAS:	1604	S.F. HEATED
	910	S.F. UNHEATED (MAIN FLOOR)
	2514	S.F. TOTAL UNDER ROOF
		MASONRY NOT INCLUDED



JEROME RUFARO REDMOND, PE
 BUILDING ENGINEERING & DESIGN
 8209A MARKET ST. STE 222
 WILMINGTON, NC 28411
 P: 910.915.6529
 JREDNC5@YAHOO.COM

DATE:
10/07/10

DRAWN BY:
A.L.B.

CHECKED BY:
G.S.M.

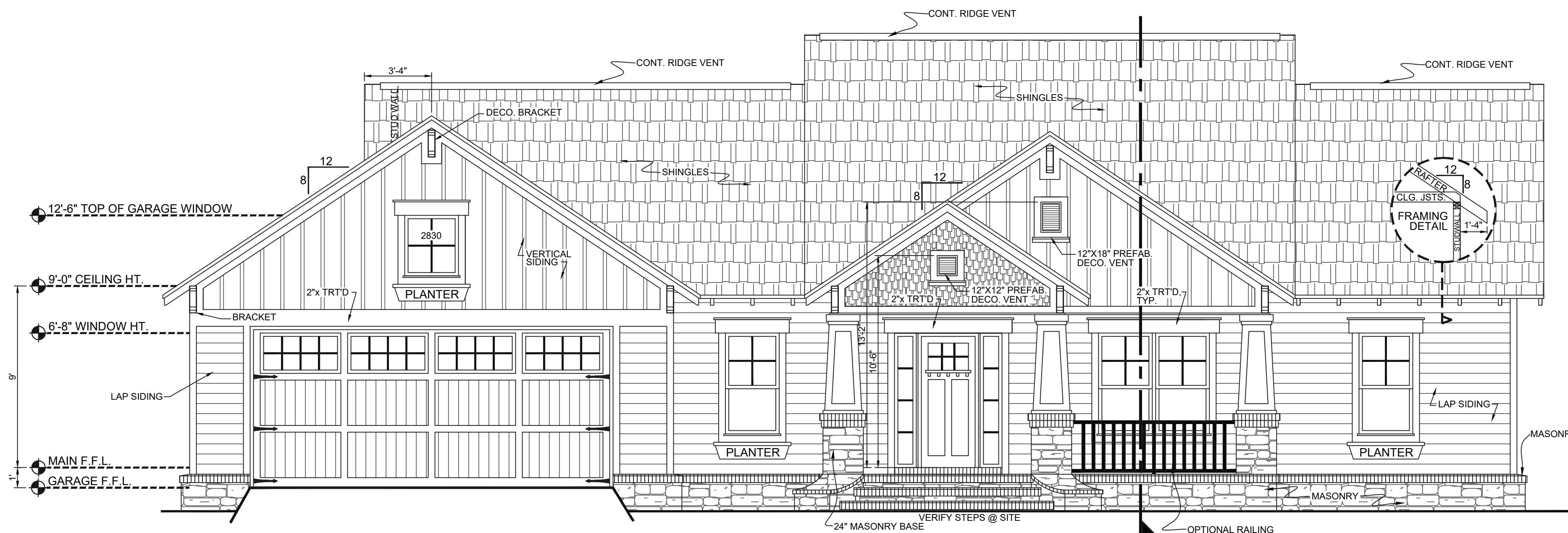
PLAN NUMBER
HPG-
1604C

FLOOR PLAN

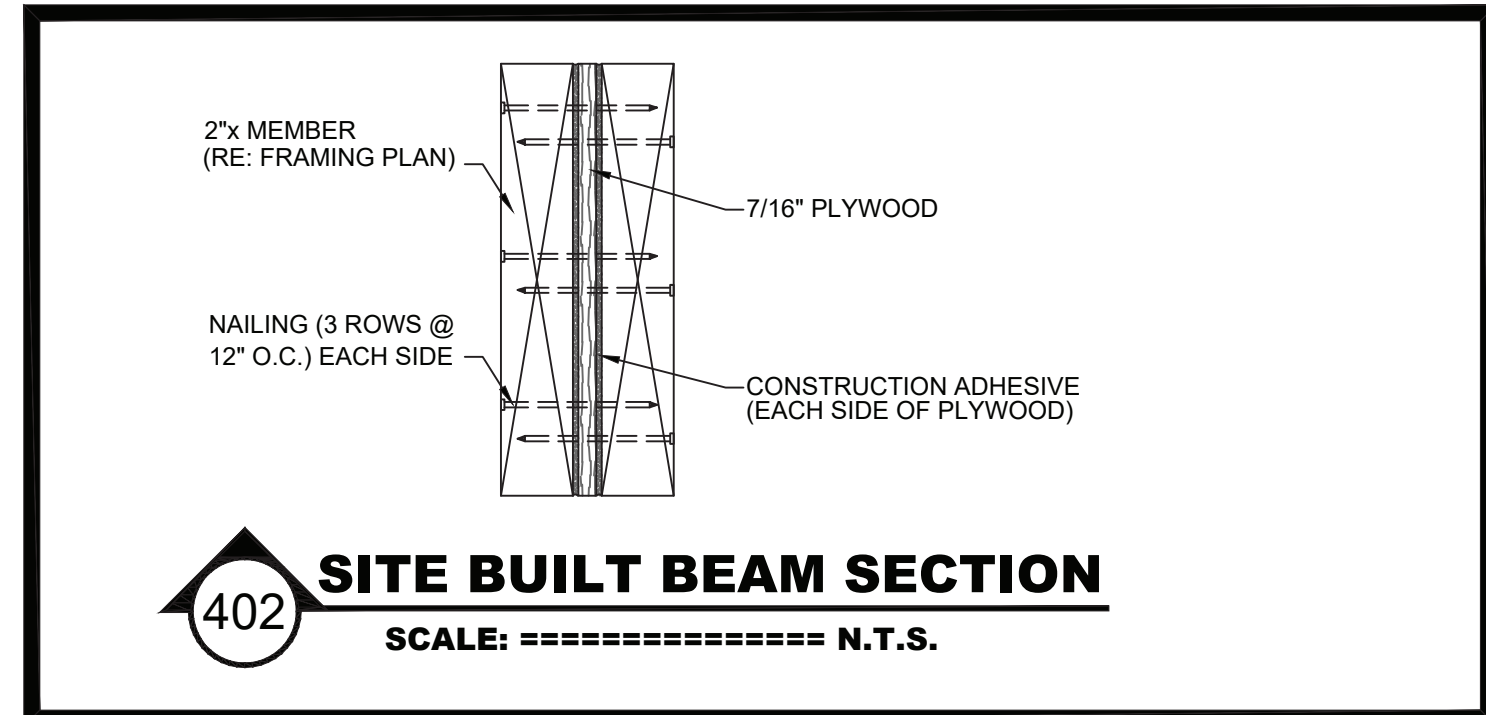
SHEET NUMBER

3

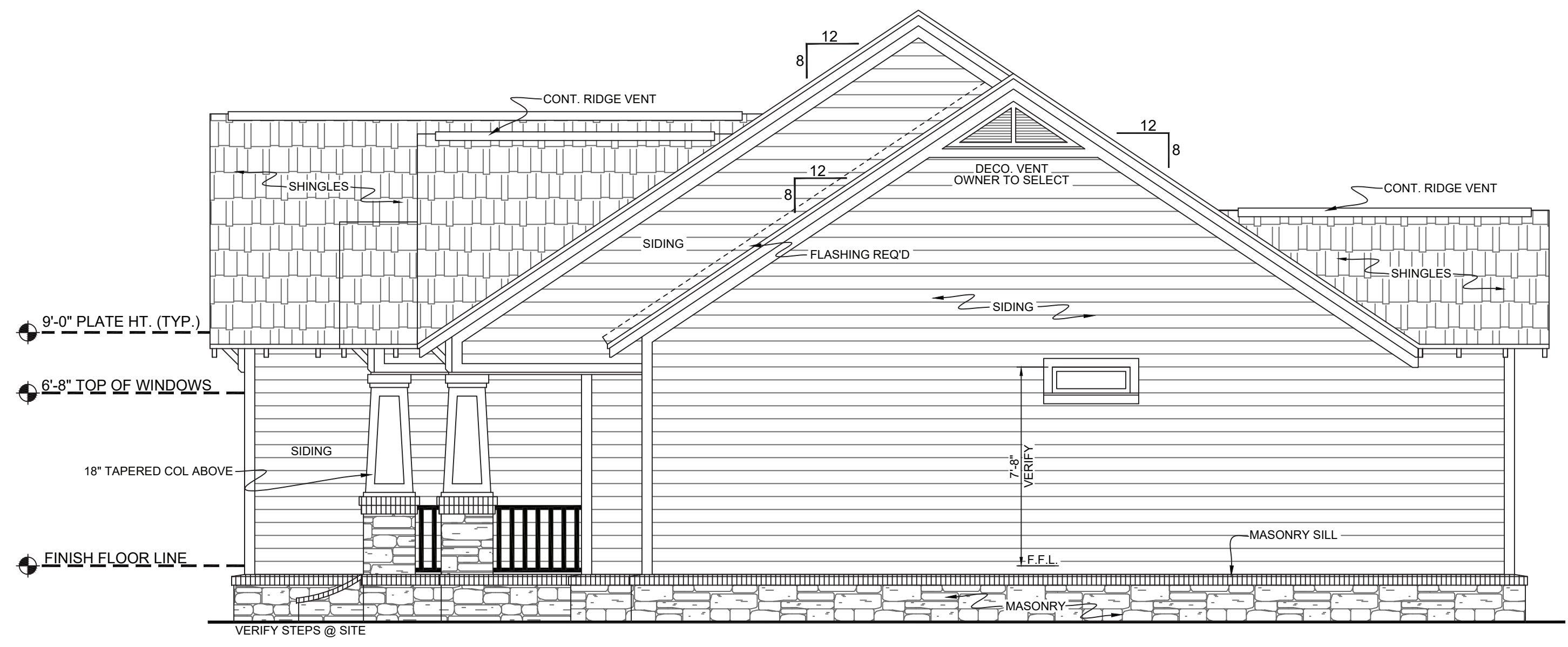




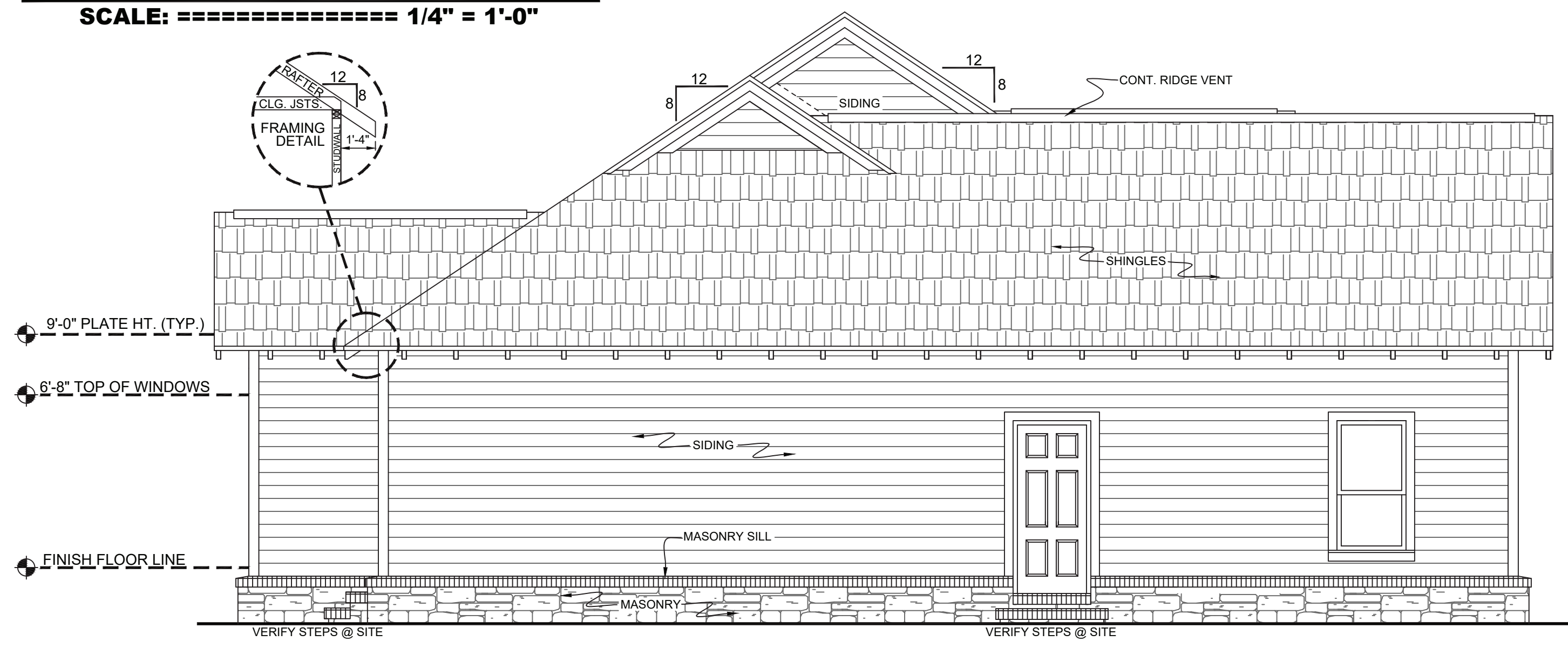
601 FRONT ELEVATION
SCALE: ===== 1/4" = 1'-0"



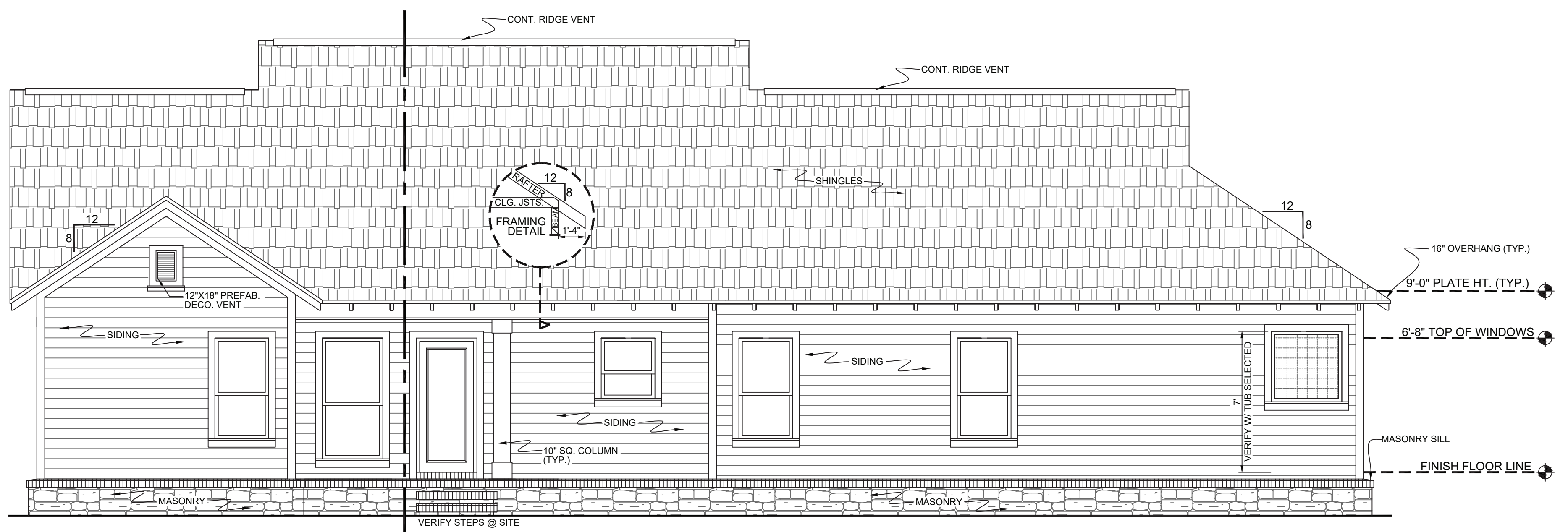
- 402 SITE BUILT BEAM SECTION**
SCALE: ===== N.T.S.
- NOTES**
1. OWNER TO SELECT ALL DOOR & WINDOW STYLES.
 2. VERIFY ALL STEPS REQUIRED @ SITE.
 3. ALL GROUND LINES ARE APPROX.
 4. VERIFY ALL EXTERIOR MATERIALS W/ OWNER PRIOR TO CONST.
 5. REFER TO TYPICAL WALL SECTION FOR FRAMING STYLE.



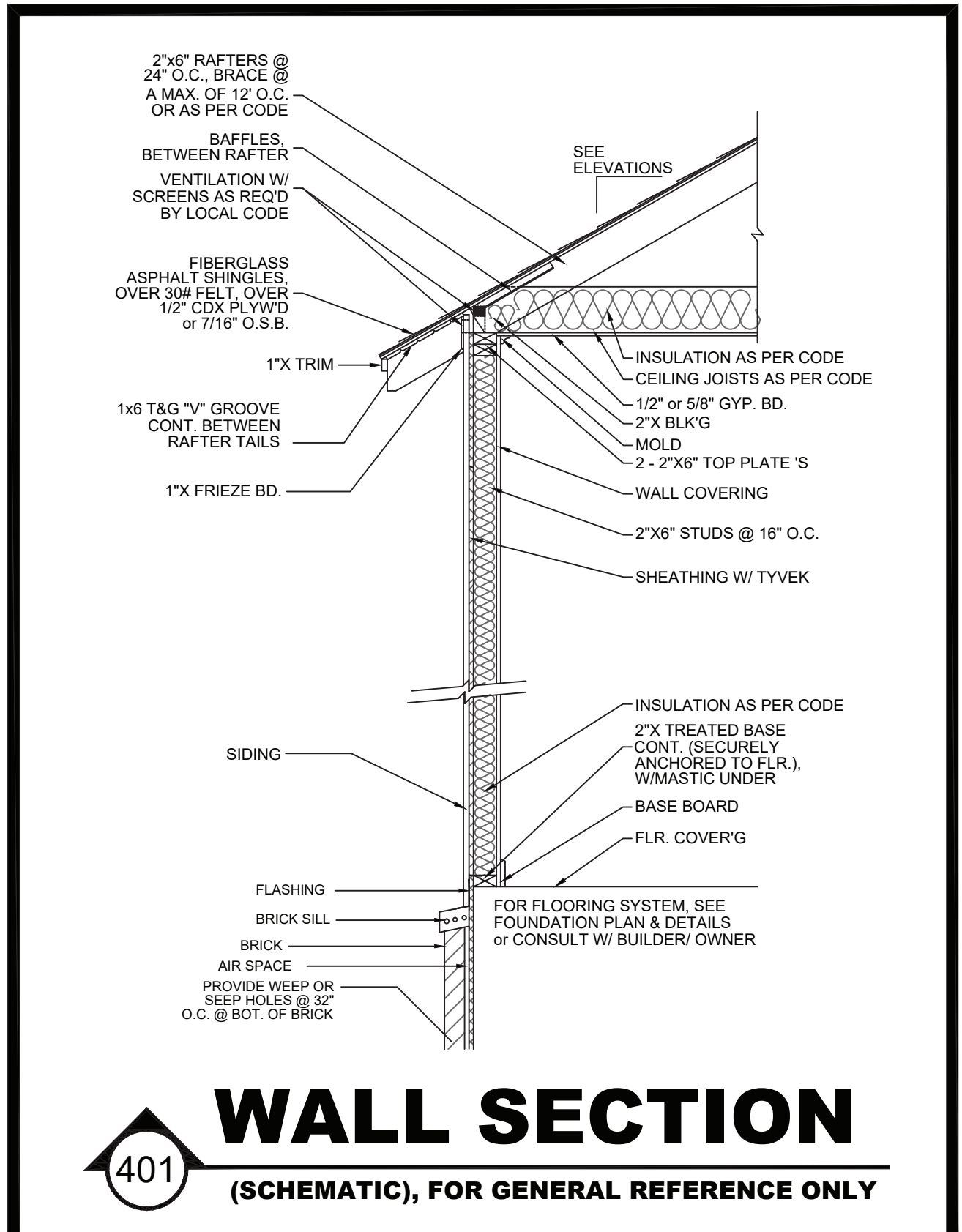
RIGHT ELEVATION
SCALE: ===== 1/4" = 1'-0"



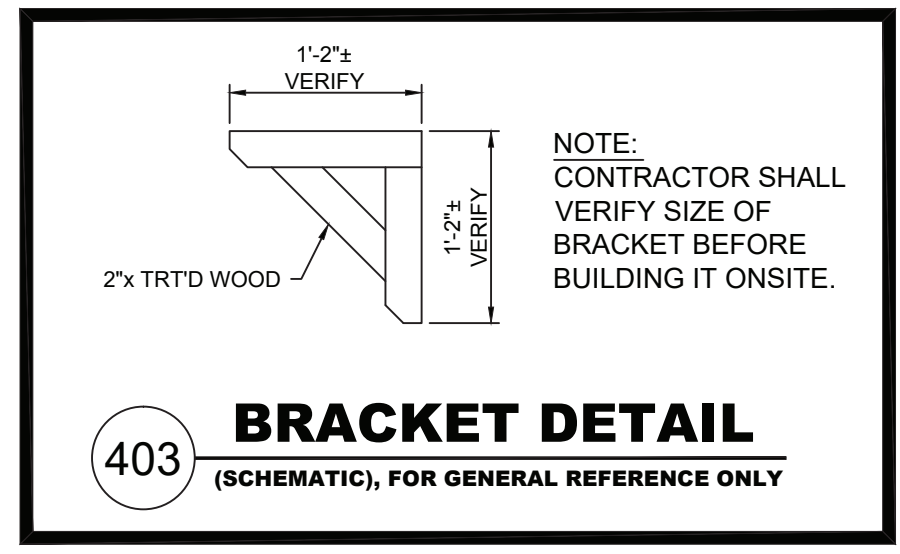
LEFT ELEVATION
SCALE: ===== 1/4" = 1'-0"



701 REAR ELEVATION
SCALE: ===== 1/4" = 1'-0"



401 WALL SECTION
(SCHEMATIC), FOR GENERAL REFERENCE ONLY



403 BRACKET DETAIL
(SCHEMATIC), FOR GENERAL REFERENCE ONLY

05.26.20
 JEROME RUFARD REMOND, PE
 BUILDING ENGINEERING & DESIGN
 8209A MARKET ST. STE 222
 WILMINGTON, NC 28411
 P: 910.915.6529
 JREDNC5@YAHOO.COM

HOUSE PLAN GALLERY, INC.

6659 HWY. 98 WEST, HATTIESBURG, MS 39402
 EMAIL: HOUSEPLANGALLERY@COMCAST.NET \ FAX: (601) 264-4483
DIMENSIONS AND CONDITIONS TO BE VERIFIED BY CONTRACTOR - © COPYRIGHTED - ANY AND ALL UNAUTHORIZED REPRODUCTION PROHIBITED

DATE:
10/07/10

DRAWN BY:
A.L.B.

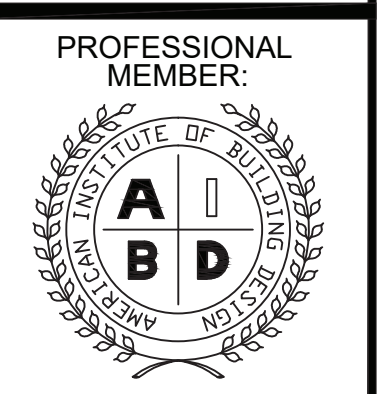
CHECKED BY:
G.S.M.

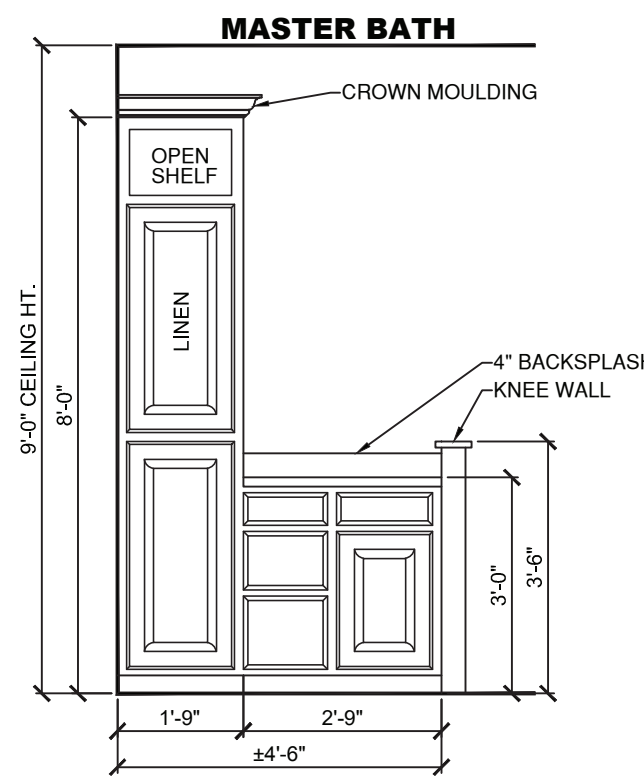
PLAN NUMBER
HPG-
1604C

ELEVATIONS

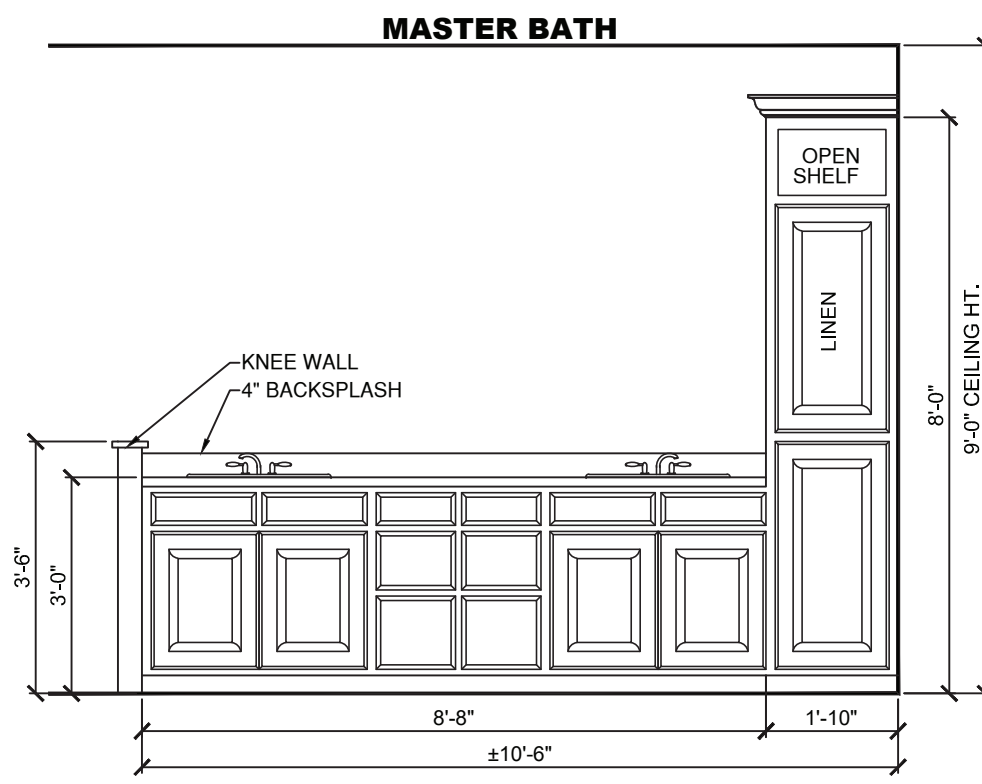
SHEET NUMBER

4

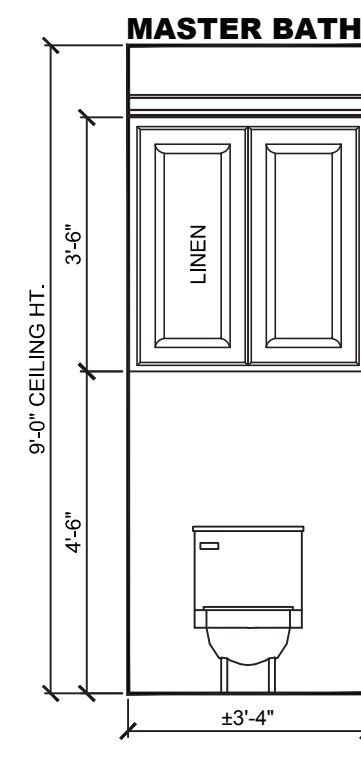




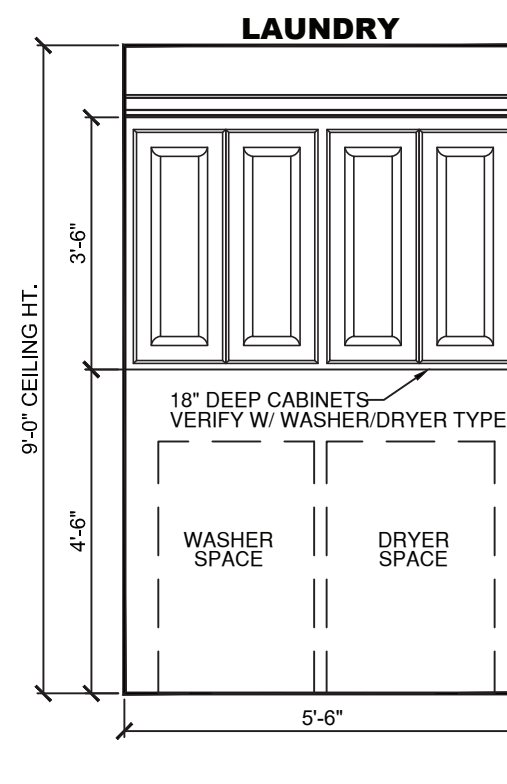
502 CAB. ELEV.
SCALE: == 3/8" = 1'-0"



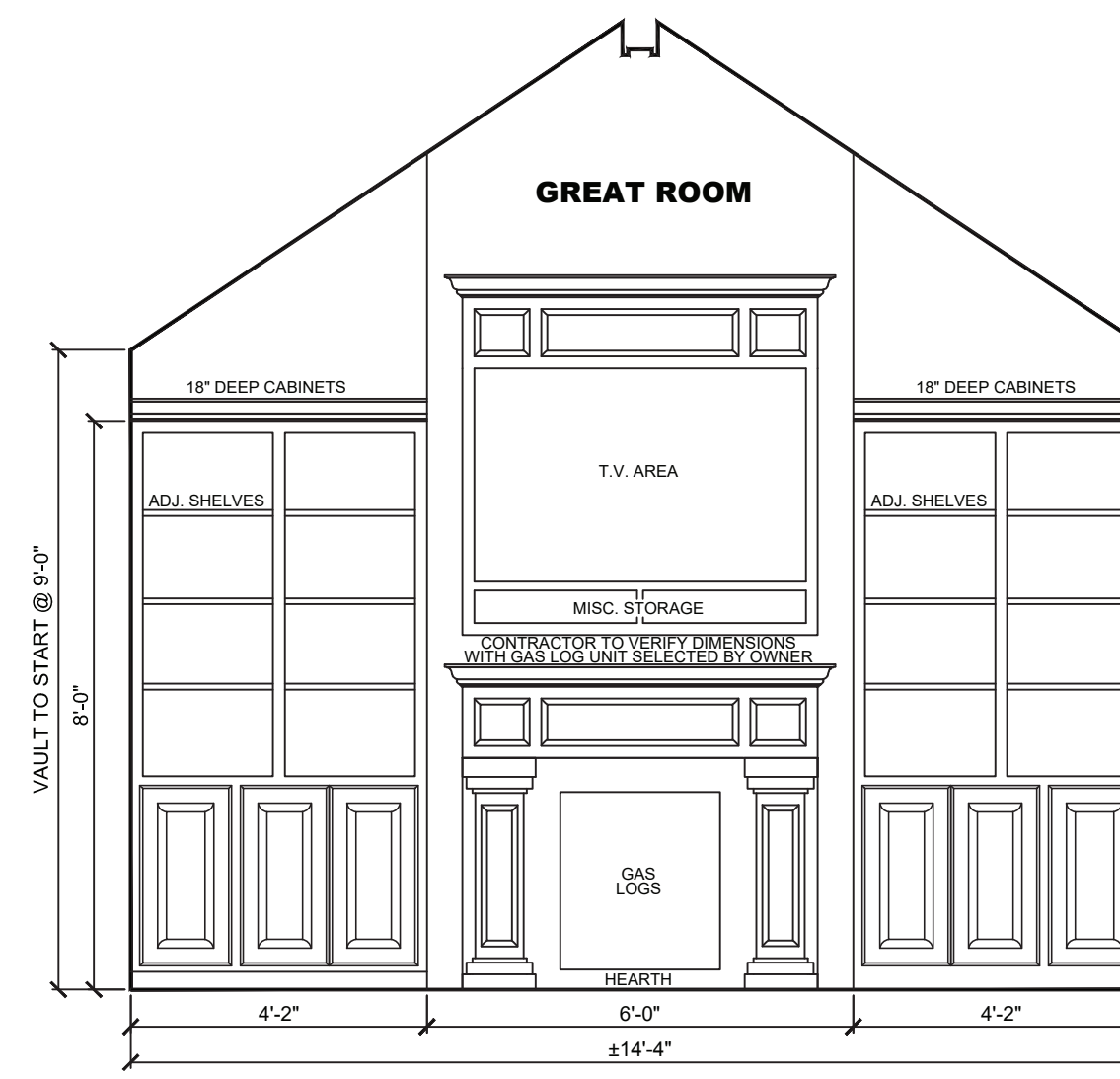
503 CAB. ELEV.
SCALE: == 3/8" = 1'-0"



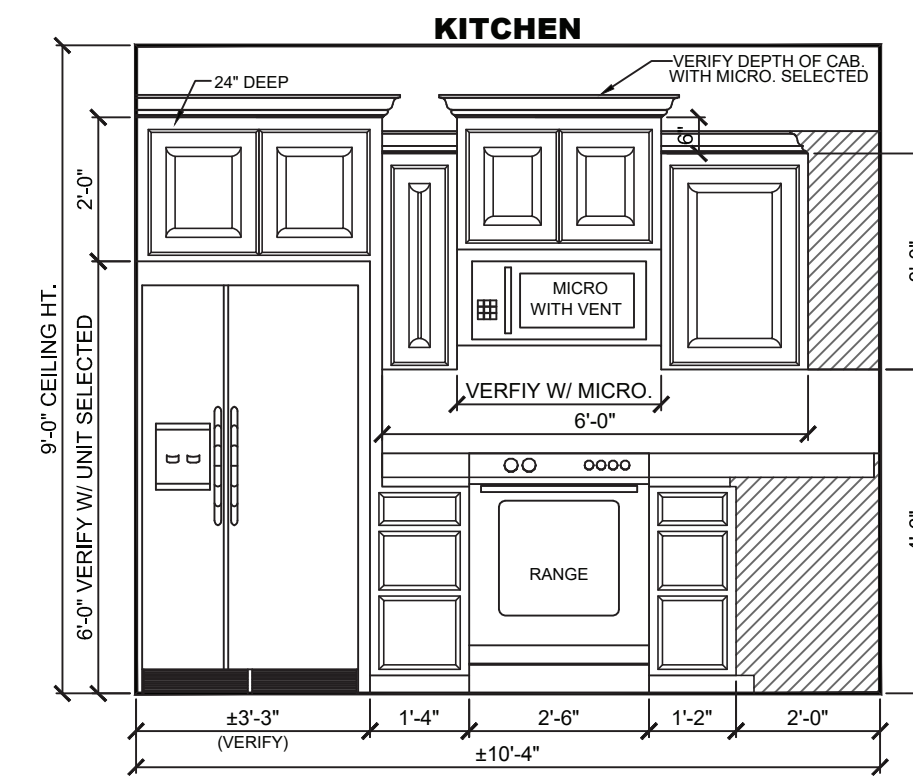
504 CAB. ELEV.
SCALE: == 3/8" = 1'-0"



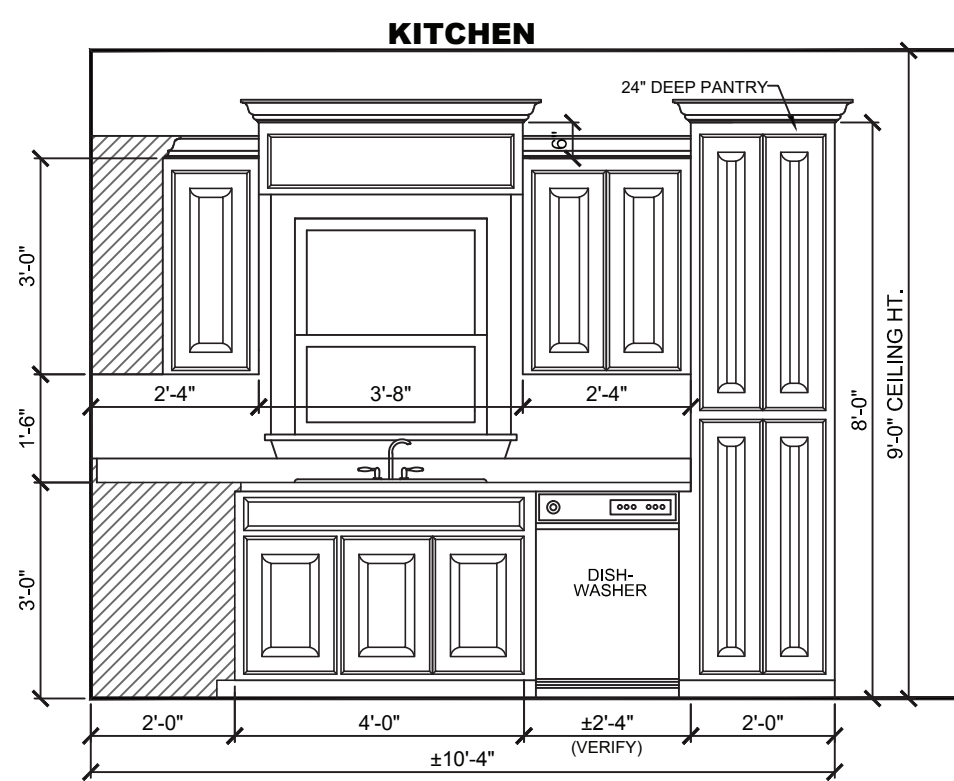
505 CAB. ELEV.
SCALE: == 3/8" = 1'-0"



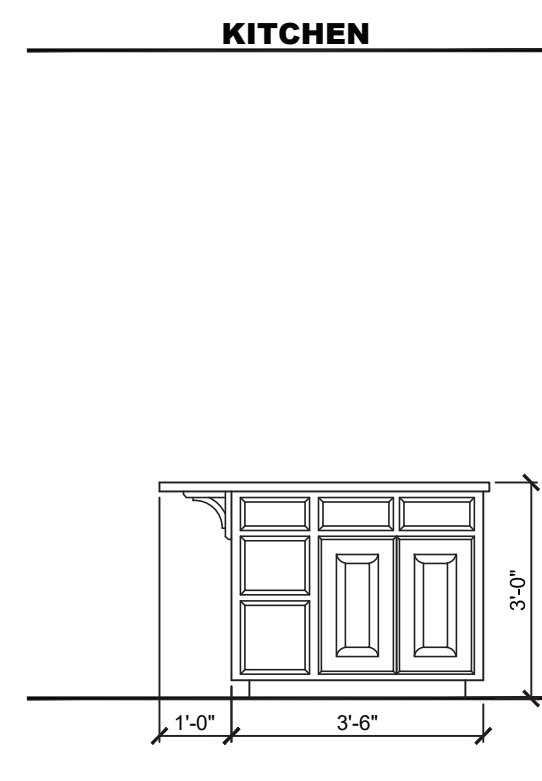
506 CAB. ELEV.
SCALE: == 3/8" = 1'-0"



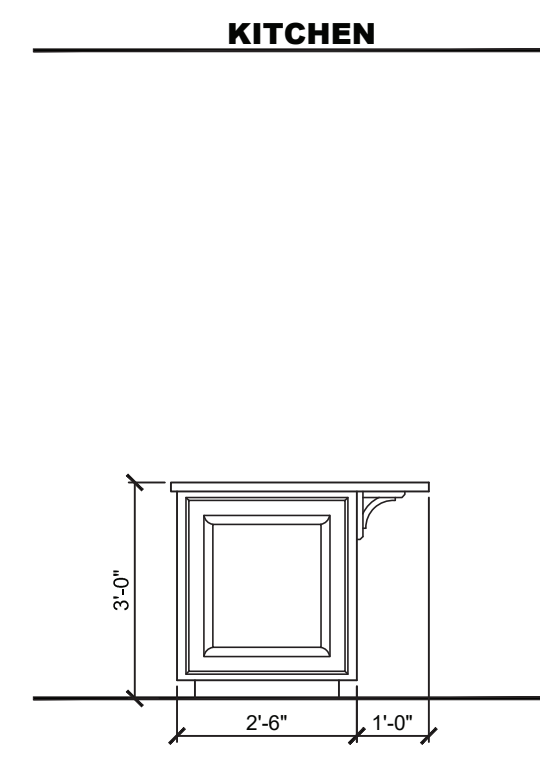
507 CAB. ELEV.
SCALE: == 3/8" = 1'-0"



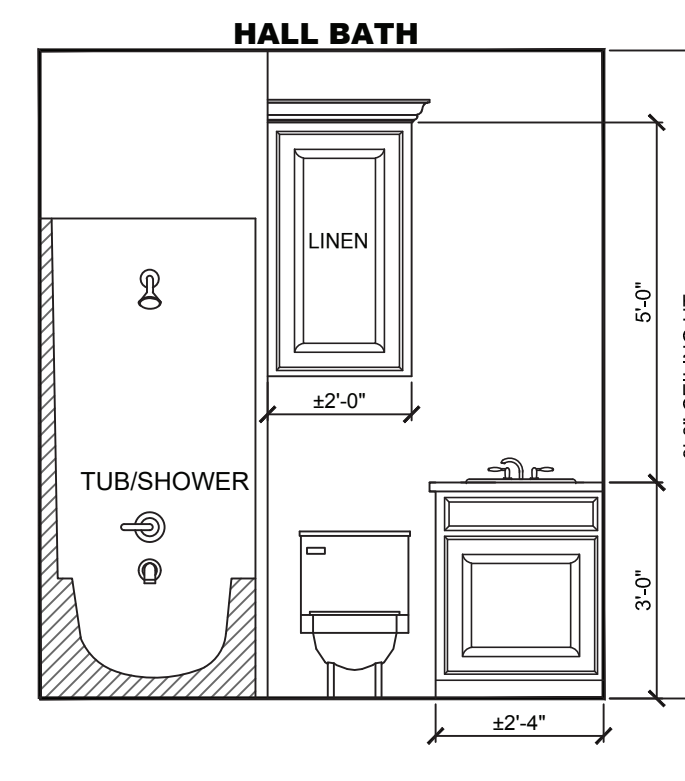
508 CAB. ELEV.
SCALE: == 3/8" = 1'-0"



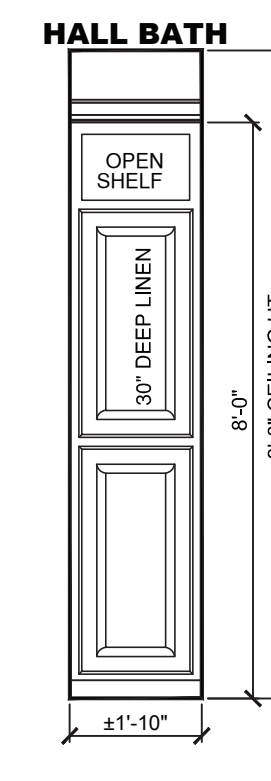
509 CAB. ELEV.
SCALE: == 3/8" = 1'-0"



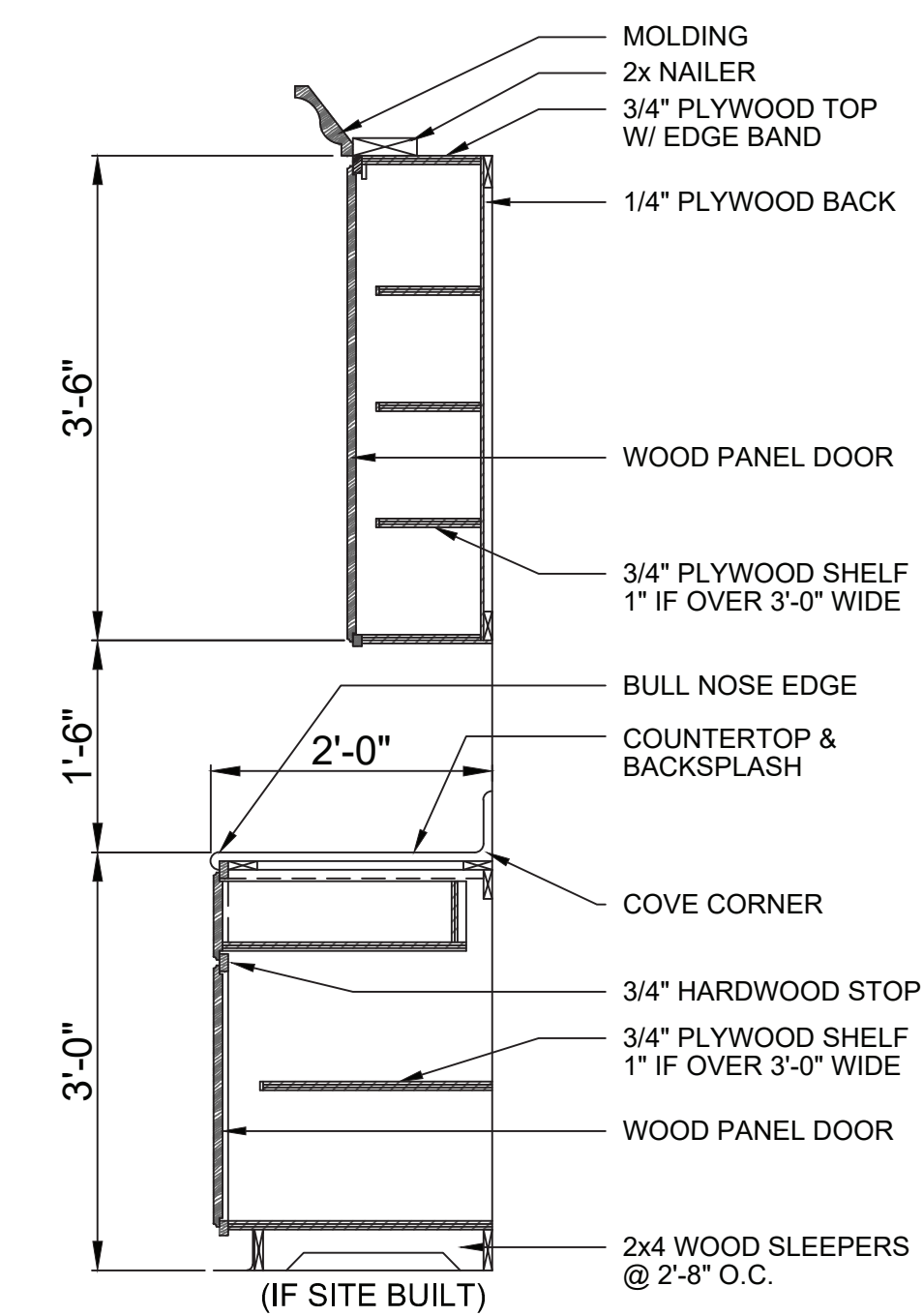
510 CAB. ELEV.
SCALE: == 3/8" = 1'-0"



511 CAB. ELEV.
SCALE: == 3/8" = 1'-0"

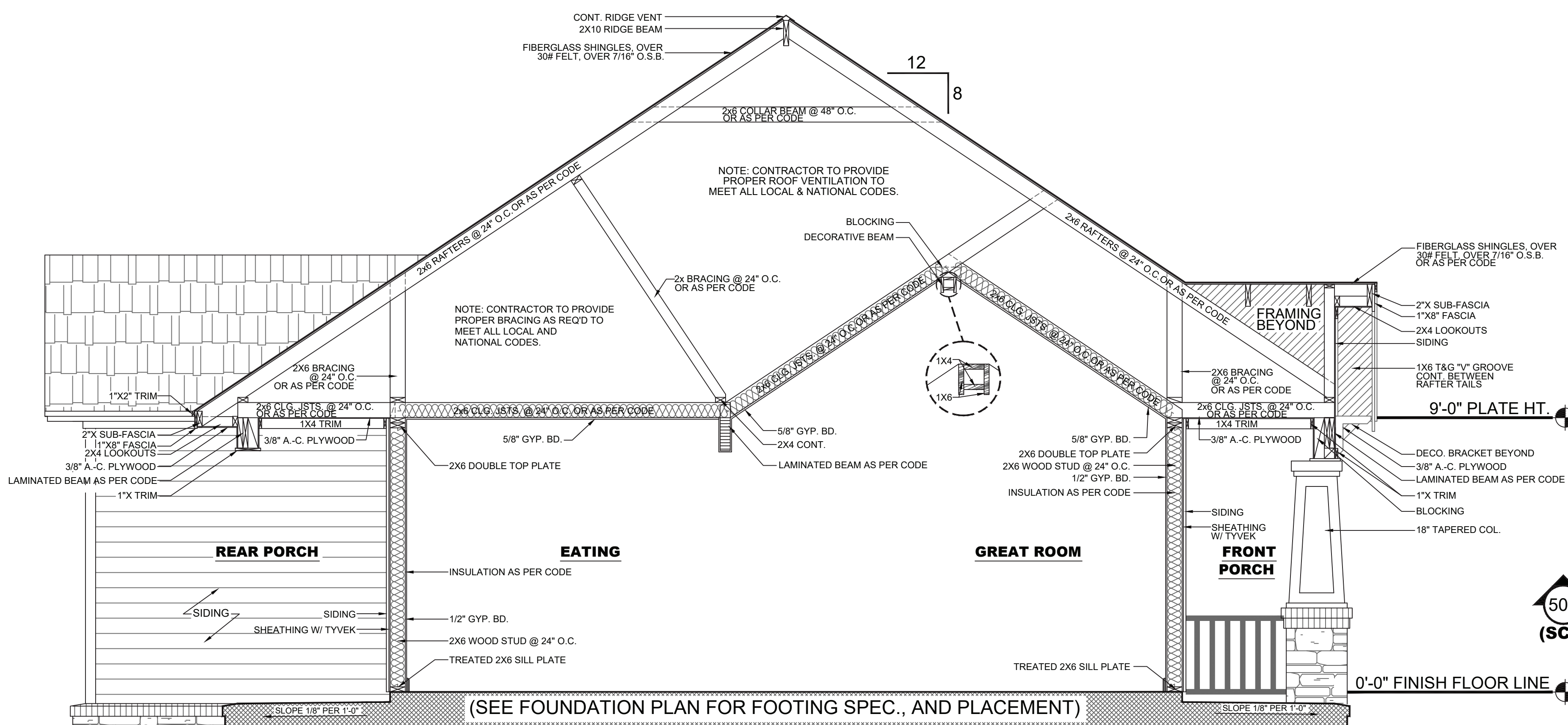


512 CAB. ELEV.
SCALE: == 3/8" = 1'-0"



TYP. KITCHEN CABINET
SCALE: ===== N.T.S.
(SCHEMATIC), FOR GENERAL REFERENCE ONLY

GENERAL CABINET NOTES:
1. ALL CABINET DIMENSIONS TO BE VERIFIED ON SITE BY GENERAL CONTRACTOR PRIOR TO ORDERING OR BUILDING OF CABINETS.
2. ALL CABINET FINISHES AND HARDWARE TO BE SELECTED BY OWNER.

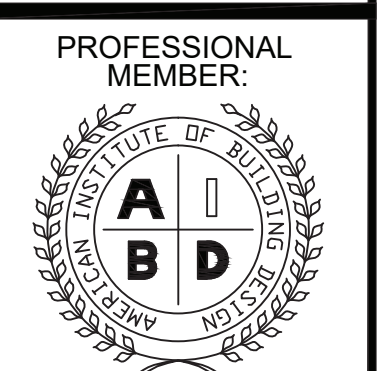


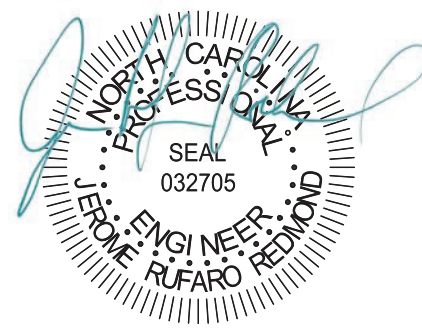
501 CROSS SECTION
SCALE: ===== 3/8" = 1'-0"
(SCHEMATIC), FOR GENERAL REFERENCE ONLY



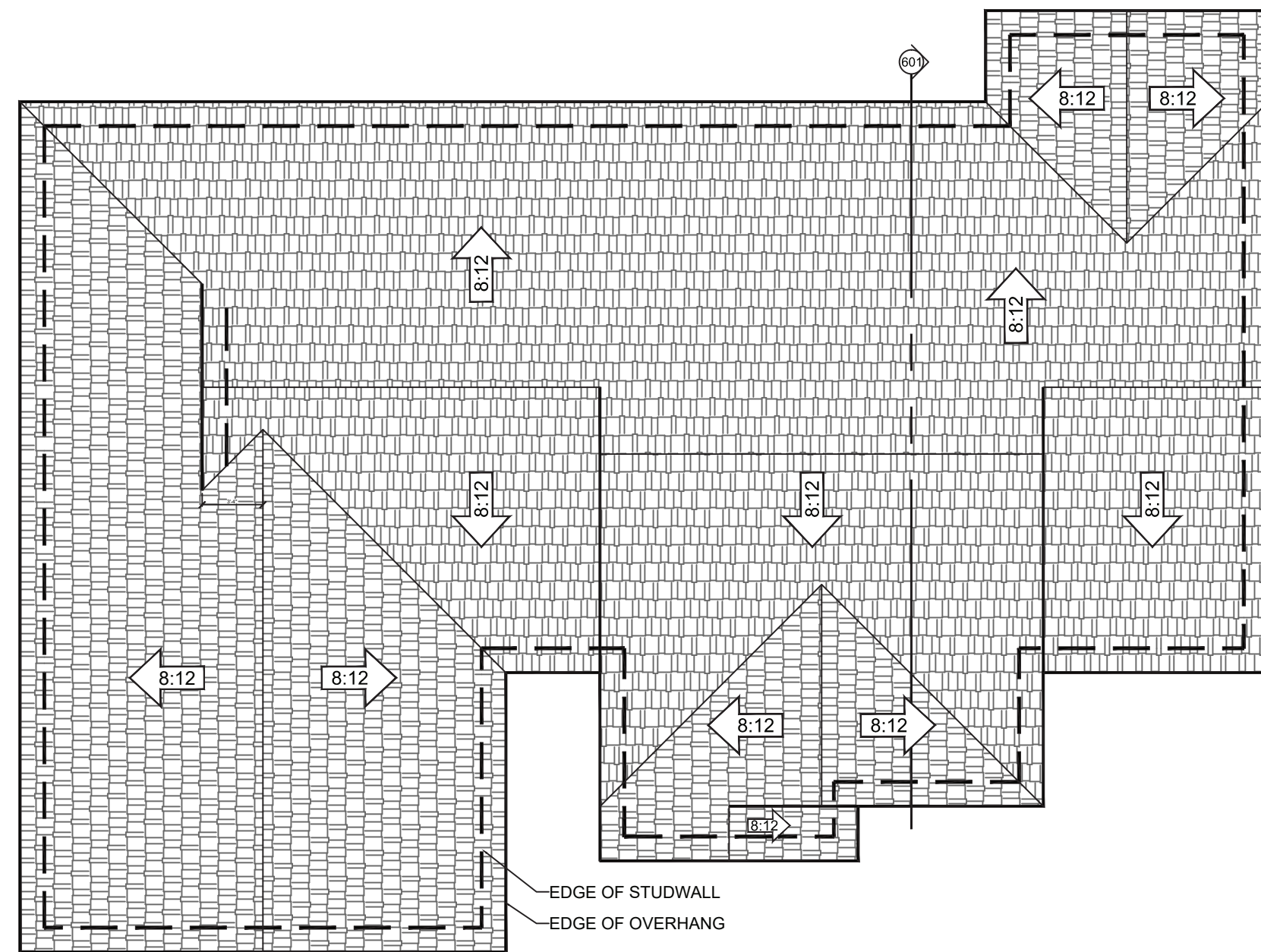
05.26.20
JEROME RUFARD REDMOND, PE
BUILDING ENGINEERING & DESIGN
8209A MARKET ST. STE 222
WILMINGTON, NC 28411
P: 910.915.6529
JREDNCS@YAHOO.COM

DATE: 10/07/10
DRAWN BY: A.L.B.
CHECKED BY: G.S.M.
PLAN NUMBER HPG- 1604C
ELEVATIONS
SHEET NUMBER





05.26.20
 JEROME RUFARD REDMOND, PE
 BUILDING ENGINEERING & DESIGN
 8209A MARKET ST., STE 222
 WILMINGTON, NC 28411
 P: 910.915.6529
 JREDNC5@YAHOO.COM

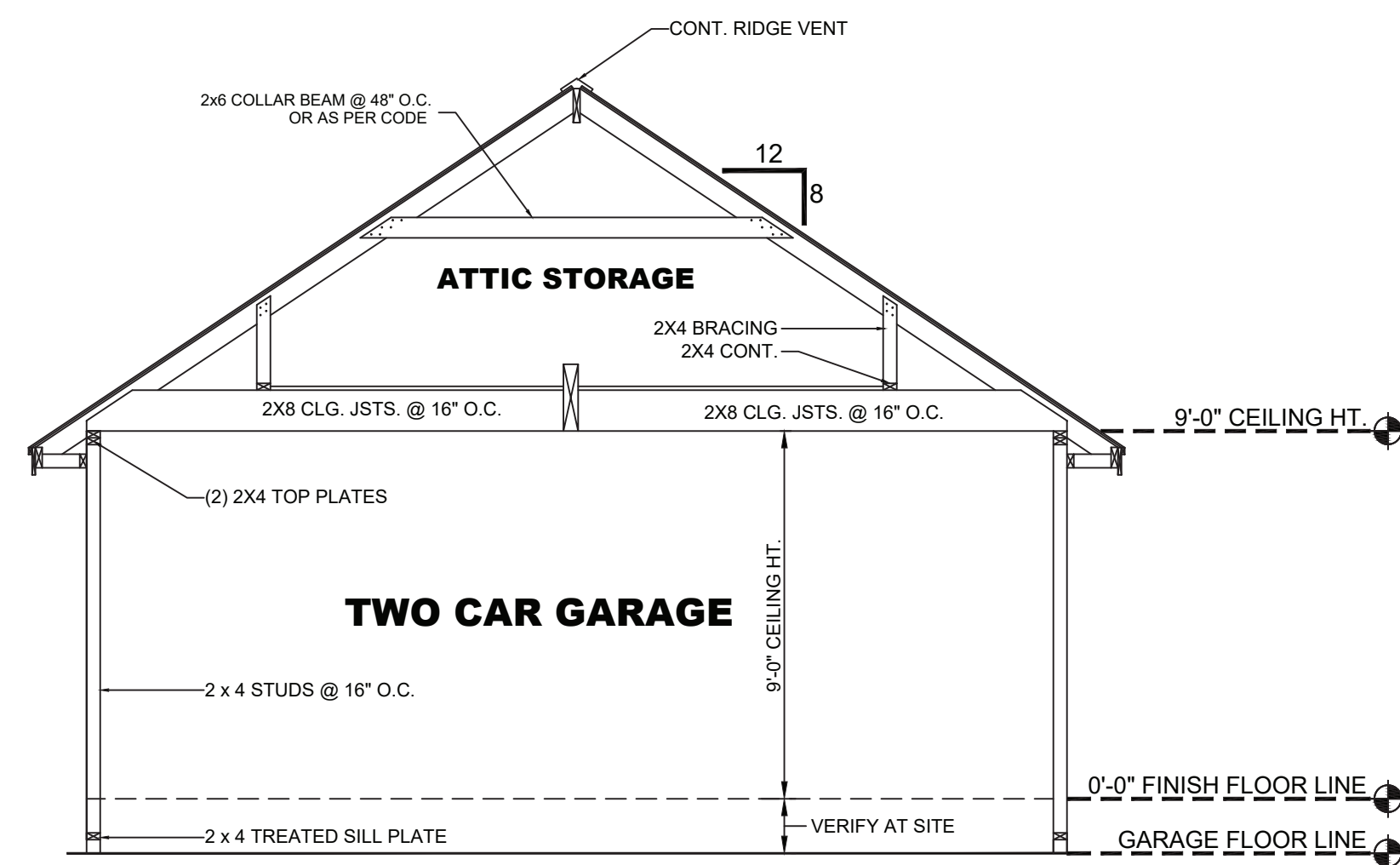


ROOF DRAINAGE PLAN

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

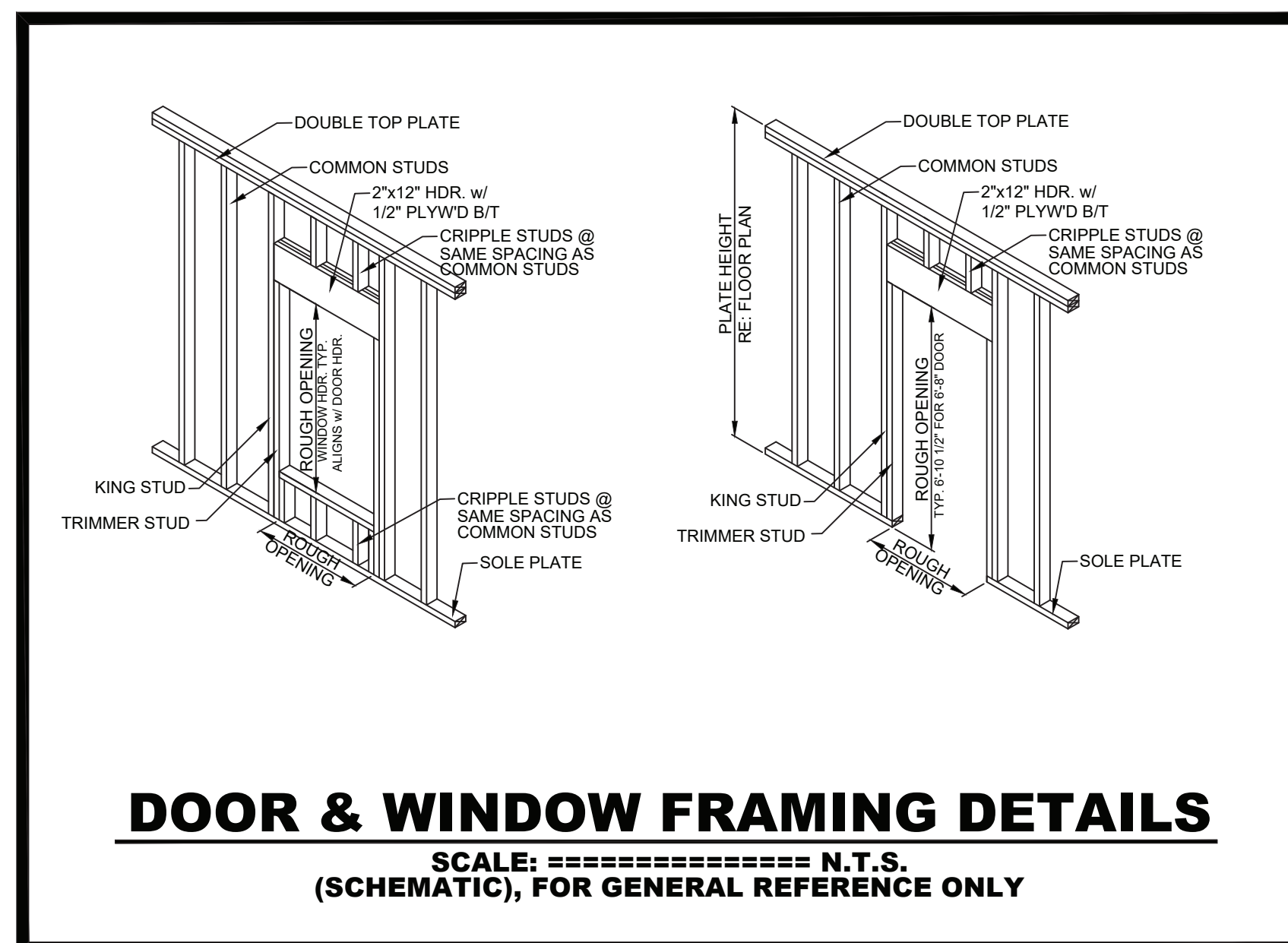
SEE S3 FOR ROOF FRAMING PLAN

ATTIC VENTILATION ANALYSIS 1203.2	
ATTIC AREA, A (FT ²)	2300
NET FREE VENT AREA, A _{net} = A/300 (FT ²)	7.67
50% OF VENTILATION, A _v = A _{net} / 2 (FT ²)	3.83
RIDGE LENGTH, L _r (FT)	65
RIDGE VENTILATION, A _{rv} = L _r * 1.25 FT ² /FT (FT ²)	8.125
REMAINING SOLAR POWERED VENTILATION A _u = A _v - A _{rv} (FT ²)	NR
REQUIRED LENGTH 3" SOFFIT, L _s = A _u / .25 (FT)	15.33
REQUIRED LENGTH 6" SOFFIT, L _s = A _u / .5 (FT)	7.67



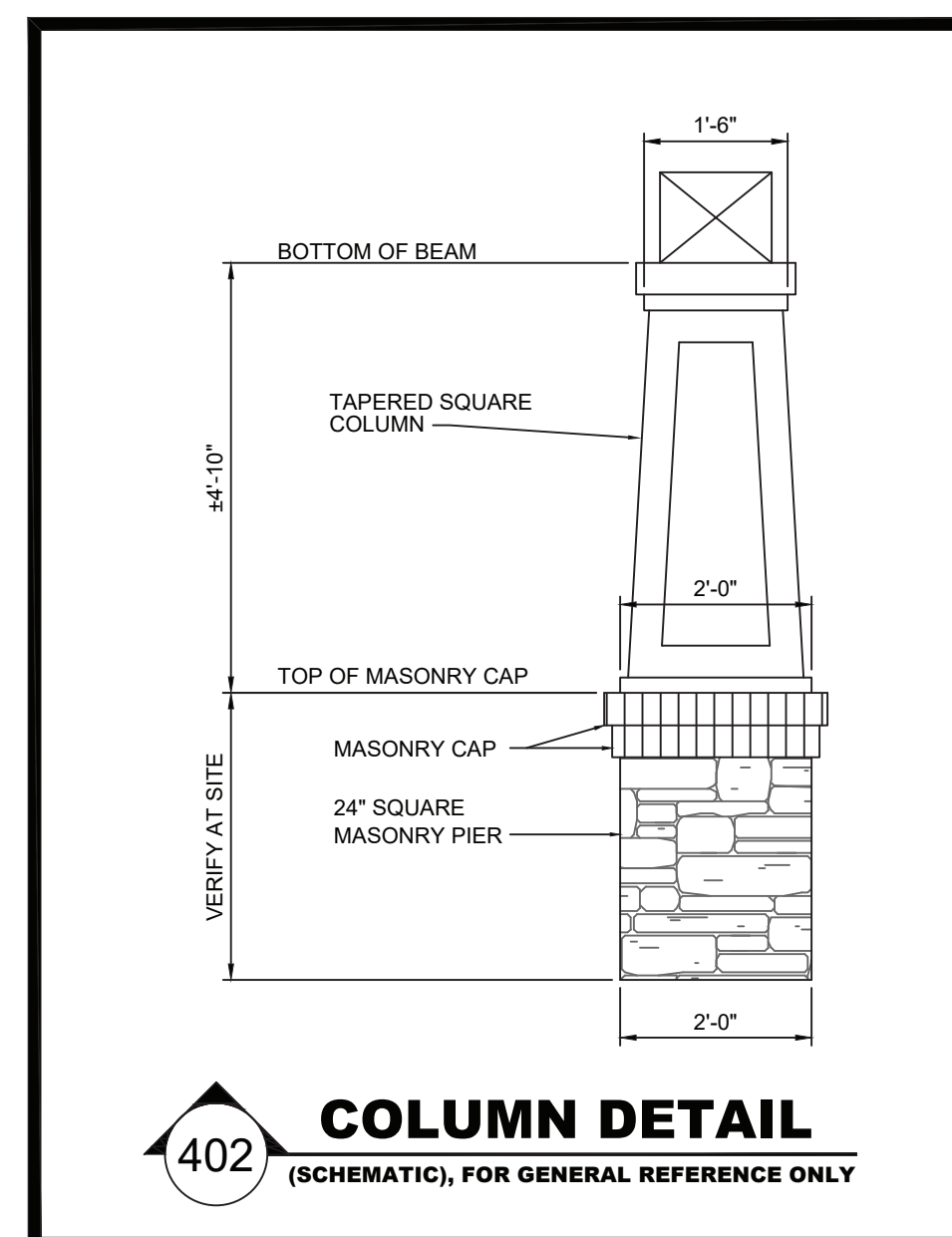
GARAGE SECTION

SCALE: ===== 1/4" = 1'-0"
 (SCHEMATIC), FOR GENERAL REFERENCE ONLY



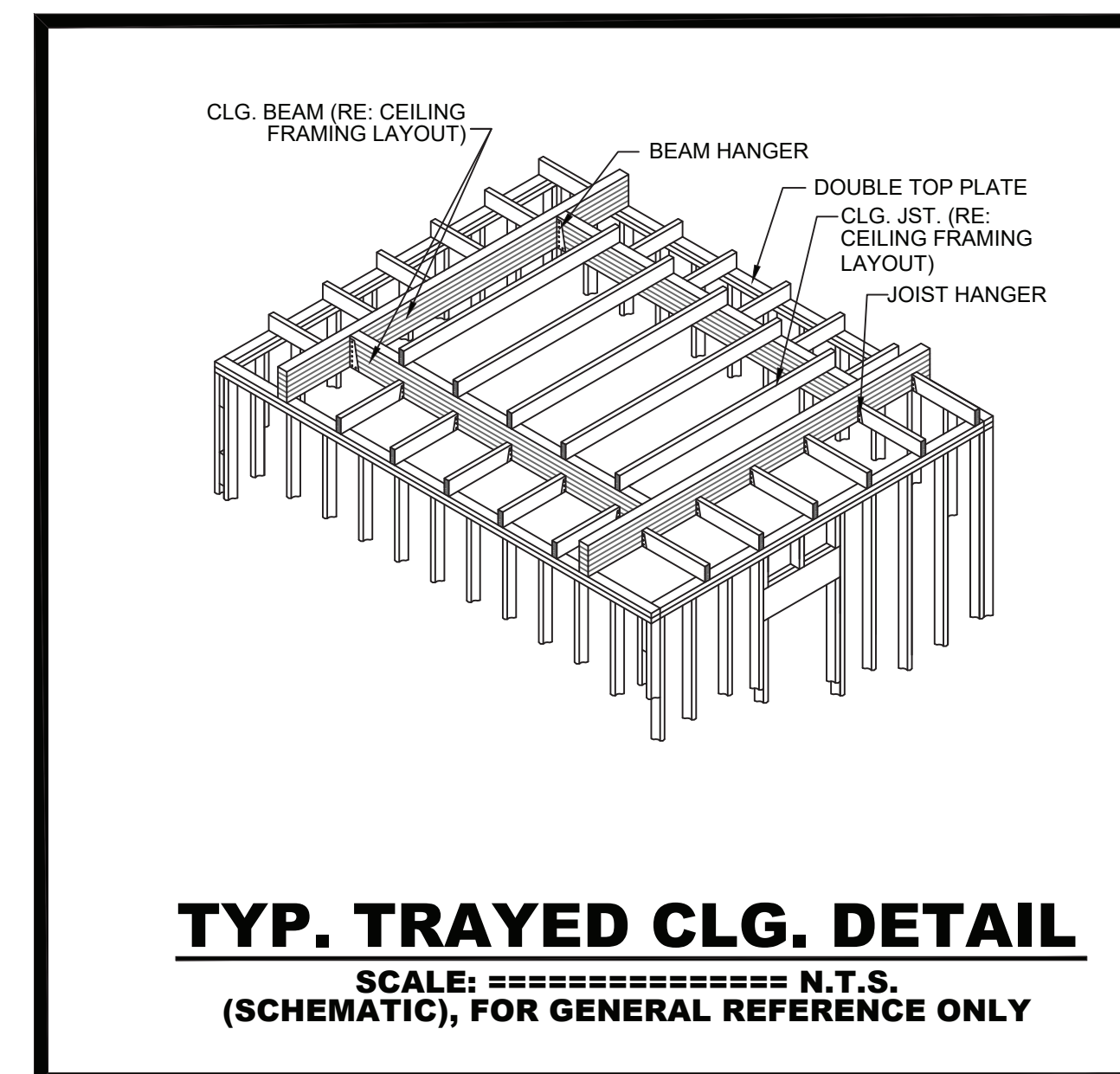
DOOR & WINDOW FRAMING DETAILS

SCALE: ===== N.T.S.
 (SCHEMATIC), FOR GENERAL REFERENCE ONLY



COLUMN DETAIL

SCALE: ===== N.T.S.
 (SCHEMATIC), FOR GENERAL REFERENCE ONLY



TYP. TRAYED CLG. DETAIL

SCALE: ===== N.T.S.
 (SCHEMATIC), FOR GENERAL REFERENCE ONLY

HOUSE PLAN GALLERY, INC.

6659 HWY. 98 WEST, HATTIESBURG, MS 39402
 EMAIL: HOUSEPLANGALLERY@COMCAST.NET \ FAX: (601) 264-4483

DIMENSIONS AND CONDITIONS TO BE VERIFIED BY CONTRACTOR - © COPYRIGHTED - ANY AND ALL UNAUTHORIZED REPRODUCTION PROHIBITED

DATE:
10/07/10

DRAWN BY:
A.L.B.

CHECKED BY:
G.S.M.

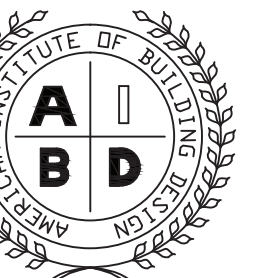
PLAN NUMBER
HPG-
1604C

FRAMING

SHEET NUMBER

6

PROFESSIONAL MEMBER:



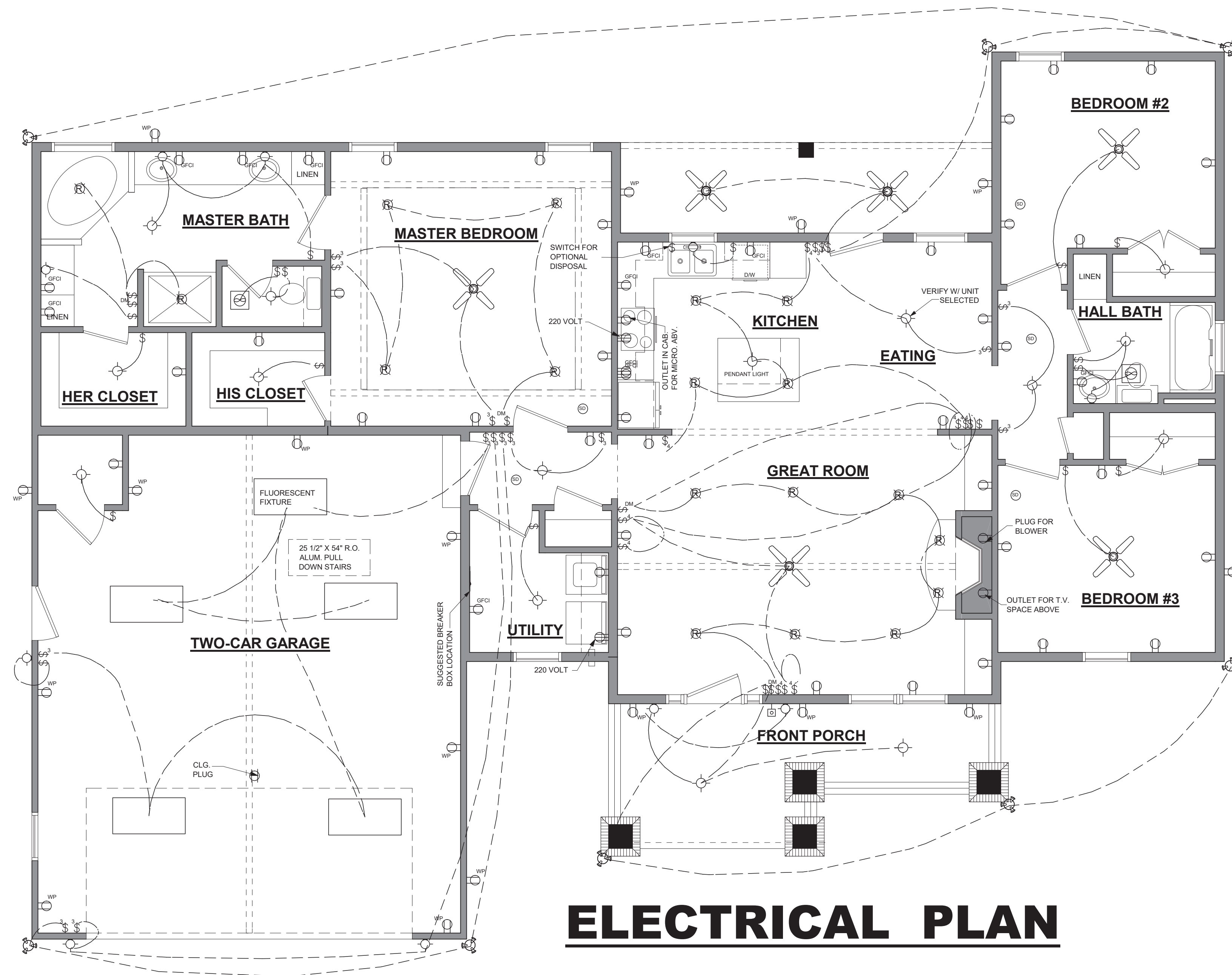
ELECTRICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	110 VOLT OUTLET
	GROUND FAULT PROTECTED OUTLET
	WEATHERPROOF OUTLET
	220 VOLT RECEPTACLE
	FLOOR OUTLET
	CEILING HUNG FIXTURE
	OVERHANG MOUNTED FLOODLIGHTS
	RECESSED CEILING FIXTURE
	FLUORESCENT LIGHT
	SMOKE DETECTOR/CARBON MONOXIDE
	SWITCH
	THREE WAY SWITCH
	FOUR WAY SWITCH
	DIMMER SWITCH
	DOOR ACTIVATED SWITCH
	CATS NETWORKING JACK
	TELEPHONE OUTLET
	TELEVISION OUTLET
	DOORBELL BUTTON
	THERMOSTAT
	CEILING EXHAUST FAN
	CEILING FAN W/ LIGHT
	FLUORESCENT LIGHT (UNDER CABINET MOUNT)
	WALL SCNCE
	CHANDELIER

ELECTRICAL CONTRACTOR TO VERIFY ALL EXISTING SITE CONDITIONS & MAKE ANY NECESSARY ADJUSTMENTS.

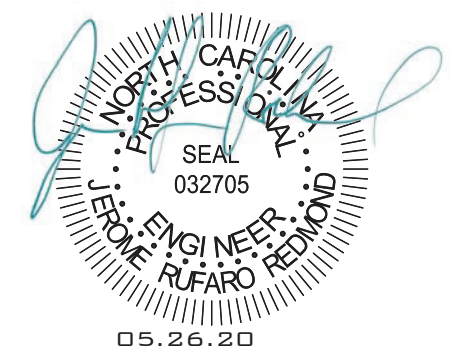
ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE & ANY OTHER APPLICABLE REGULATIONS OR CODES.

ALL SMOKE DETECTORS TO BE HARD WIRED TOGETHER WITH BATTERY BACKUP.

CONTRACTOR TO PREWIRE FOR LANDSCAPE LIGHTING AROUND PERIMETER OF RESIDENCE. VERIFY W/ OWNER.



ELECTRICAL PLAN



JEROME RUFARD REDMOND, PE
 BUILDING ENGINEERING & DESIGN
 8209A MARKET ST. STE 222
 WILMINGTON, NC 28411
 P: 910.915.6529
 JRREDNC5@YAHOO.COM

DATE: 10/07/10
DRAWN BY: A.L.B.
CHECKED BY: G.S.M.
PLAN NUMBER HPG- 1604C
ELECTRICAL
SHEET NUMBER 7



GENERAL NOTES:

GENERAL: ALL NOTES ARE FOR SUPPLEMENTING THE PLANS AND SPECIFICATIONS AND ARE IN NO WAY TO BE CONSIDERED AS EXCLUDING ANY ITEM IN THEM.

CONTRACTOR TO OBTAIN ALL MISC. UTILITIES AND UTILITY CLEARANCES AND EXCAVATION PERMITS.

CODE: DESIGN AND CONSTRUCTION TO BE IN ACCORD WITH THE 2018 NC RESIDENTIAL CODE (NCRS) AND THE PARTICULAR CODES AS REFERENCED IN NCRS.

DESIGN CRITERIA:	
FLOOR LIVE:	40 PSF
ROOF LIVE:	20 PSF
ATTIC LOAD:	20 PSF
WIND SPEED:	110 MPH
WALL COMPONENT:	24 PSF
NET UPLIFT:	20 PSF

FOUNDATION: EXCAVATION FOR AND BEARING MATERIAL FOR FOUNDATIONS SHOULD BE SUPERVISED AND APPROVED BY PWD PRIOR TO FOOTING INSTALLATION.

MATERIAL SATISFACTORY FOR CONTROLLED FILL AND BACKFILL MATERIAL AROUND AND ABOVE FOOTINGS SHALL INCLUDE CLEAN SOIL OR BANKRUN SAND AND GRAVEL (GW, GC, SC, SM, ML & CL), BUT EXCLUDE HIGHLY PLASTIC CLAYS (MH & CH) OR HIGH SHRINK SWELL SOILS. THE FILL MATERIALS SHALL BE FREE FROM TOPSOIL, ORGANIC CONTAMINATED SOIL AND ROCK FRAGMENTS HAVING A MAJOR DIMENSION GREATER THAN FOUR (4) INCHES, AND SHALL CONTAIN NO ICE OR SNOW.

FOOTINGS ARE DESIGNED FOR AN ASSUMED SOIL BEARING PRESSURE OF 2000 PSF.

CARE SHOULD BE TAKEN TO ASSURE THAT DURING PLACING OF CONCRETE FOOTINGS ON GRADE NO ORGANIC MATTER, SALTS, OR CLAYS ARE MIXED WITH THE CONCRETE.

CONCRETE: REINFORCED CONCRETE TO HAVE THE FOLLOWING COMPRESSIVE STRENGTH (F_c)

SLAB ON GRADE:	3000 PSI
FOOTINGS:	3000 PSI

EXPOSED CONCRETE SHALL BE AIR-ENTRAINED.

GROUT FOR BASE PLATES SHALL BE NON-SHRINKABLE GROUT AND SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH AT 28 DAYS OF 5,000 P.S.I.

REINFORCING STEEL: ASTM A615 GRADE 60.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.

REINFORCING STEEL MARKED CONTINUOUS (CONT.) SHALL BE LAPPED 48 X BAR DIAMETER AT SPLICES. ALL REINFORCING STEEL SHALL BE HELD SECURELY IN PLACE TO PREVENT DISLOCATION DURING THE POURING OPERATION.

SLAB REINFORCING BARS SHALL BE SUPPORTED ON HIGH CHAIRS AND BAR SPACERS OF SUITABLE DESIGN. "HOOKING" OF WELDED WIRE FABRIC SHALL NOT BE PERMITTED.

DETAILING OF ALL CONCRETE STEEL REINFORCEMENT SHALL BE IN ACCORDANCE WITH THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (A.C.I. 315-89).

NO CONCRETE SHALL BE PLACED UNTIL ALL EMBEDDED WORK HAS BEEN INSTALLED, TESTED AND INSPECTED.

EXCEPT AS OTHERWISE SHOWN, MINIMUM PROTECTION (CONCRETE COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

CONCRETE SURFACES EXPOSED TO SOIL:	
1 1/2" FOR SLABS	
3" FOR FOOTINGS	

INTERIOR CONCRETE SURFACES:	
3/4" FOR SLABS	

CONCRETE SURFACES EXPOSED TO WEATHER:	
1 1/2" FOR SLABS	

WOOD: ALL WOOD TO BE SOUTHERN YELLOW PINE (SYP) NO. 2 OR HIGHER. ALL FASTENERS AND HANGERS TO BE HOT DIPPED GALVANIZED (AT A MINIMUM). PRESERVATIVE PRESSURE TREATMENT TO BE IN ACCORDANCE WITH AWPA STANDARD M4-06 & U1-07. MINIMUM PRESERVATION TREATMENTS:

POSTS:	UC4A
ALL OTHER WOOD MEMBERS:	UC3B

ROOF SHEATHING C-D GRADE "APA" EXTERIOR STRUCTURAL PANELS OR APPROVED EQUAL. PLACE WITH LONG DIMENSION PERPENDICULAR TO FRAMING. STAGGER END JOINTS. FASTEN WITH 8d HOT-DIPPED GALVANIZED BOX NAILS AT 6" O.C. AT ALL SUPPORTED EDGES, EXCEPT WITHIN THE FIRST 4' FROM ROOF EDGE. FASTENERS WITHIN THE FIRST 4' SHALL BE AT 4" O.C.

ALL MULTI-PLY LAMINATED VENEER LUMBER (LVL) HEADERS LINTELS & STUD COLUMNS SHALL BE CONNECTED SUCH THAT THEY ACT AS A SINGLE MEMBER.

LVL SPECS: F_b=2900 PSI F_v=285 PSI E=1,900,000 PSI

TIMBER TRUSS

- TRUSS FABRICATOR TO VERIFY FIELD DIMENSIONS WITH GENERAL CONTRACTOR.
- ALL TIMBER TRUSSES SHALL BE DESIGNED FOR:
 - 110 MPH WIND SPEED
 - TOP CHORD LL = 30 PSF
 - TOP CHORD DL = 10 PSF
 - BOT CHORD LL = 20 PSF (GENERAL ATTIC)
 - BOT CHORD DL = 15 PSF
 - NET UPLIFT = 25 PSF
 IN ACCORDANCE WITH GOVERNING LOAD COMBINATIONS PER IBC 1605.
- TRUSS SUPPLIER SHALL SUBMIT SHOP DRAWINGS WITH NORTH CAROLINA REGISTERED ENGINEER SEAL BEFORE FABRICATION.
- ALL MEMBERS TO BE SYP NO. 2 OR HIGHER

MASONRY: LOAD BEARING CONCRETE MASONRY CONSTRUCTION TO BE IN ACCORDANCE WITH ASCE 5/ACI 530/TMS 402-08, "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES", AND ASCE 6/ACI 530.1/TMS/602-08, SPECIFICATIONS FOR MASONRY STRUCTURES." BEARING WALLS AND PIERS TO CONSIST ENTIRELY OF LOAD BEARING UNITS.

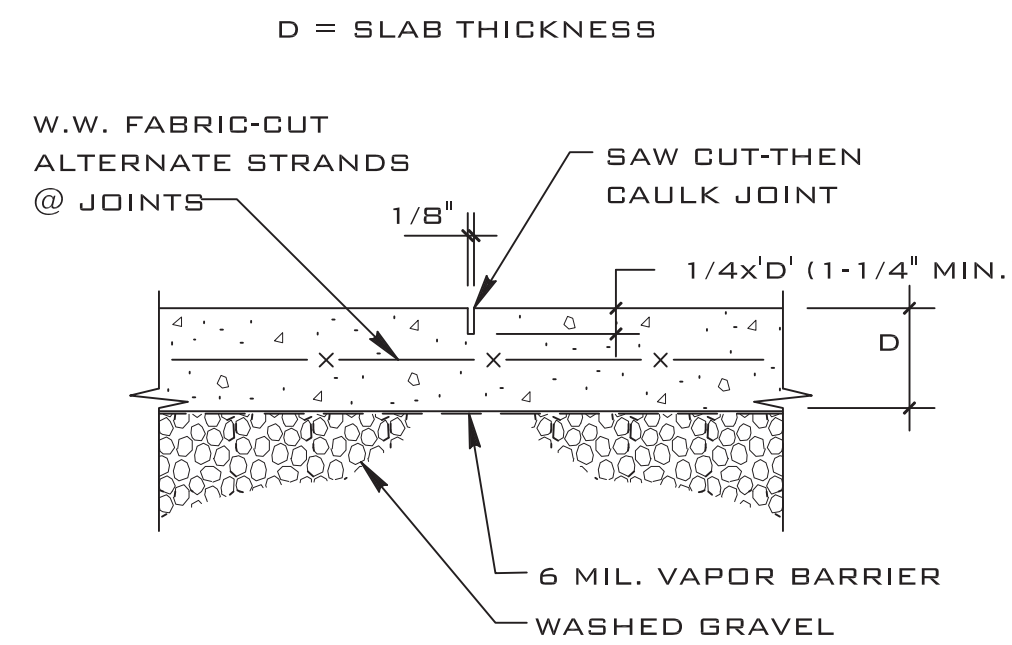
ALL MASONRY CONSTRUCTION TO BE IN ACCORDANCE WITH ACCEPTABLE INDUSTRY STANDARDS AND METHODS OF CONSTRUCTION.

PROVIDE DUR O WAL OR EQUAL EVERY BLOCK COURSE BELOW FINISHED FLOOR AND EVERY OTHER COURSE ABOVE FINISHED FLOOR UNLESS OTHERWISE SHOWN ON THE ARCHITECTURAL SECTION. ALL HORIZONTAL WALL REINFORCING TO BE TRUSSED AND GALVANIZED. AT CORNERS AND INTERSECTIONS HORIZONTAL WALL REINFORCING TO BE FULLY LAPPED WITH TRUSSED GALVANIZED CORNERS AND TEES.

HOLLOW LOAD BEARING MASONRY UNITS SHALL CONFORM TO ASTM C90 REGULAR WEIGHT (UNLESS NOTED OTHERWISE). SOLID LOAD BEARING CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C145. THE UNIT MASONRY SHALL HAVE A NET UNIT COMPRESSIVE STRENGTH OF 2,000 PSI. THE COMPRESSIVE STRENGTH OF THE UNITS SHALL BE DETERMINED IN ACCORDANCE WITH ASTM C140 70, STANDARD METHODS OF SAMPLING AND TESTING CONCRETE MASONRY UNITS. A 28 DAY PRISM STRENGTH VALUE OF 1500 PSI HAS BEEN USED IN THE DESIGN.

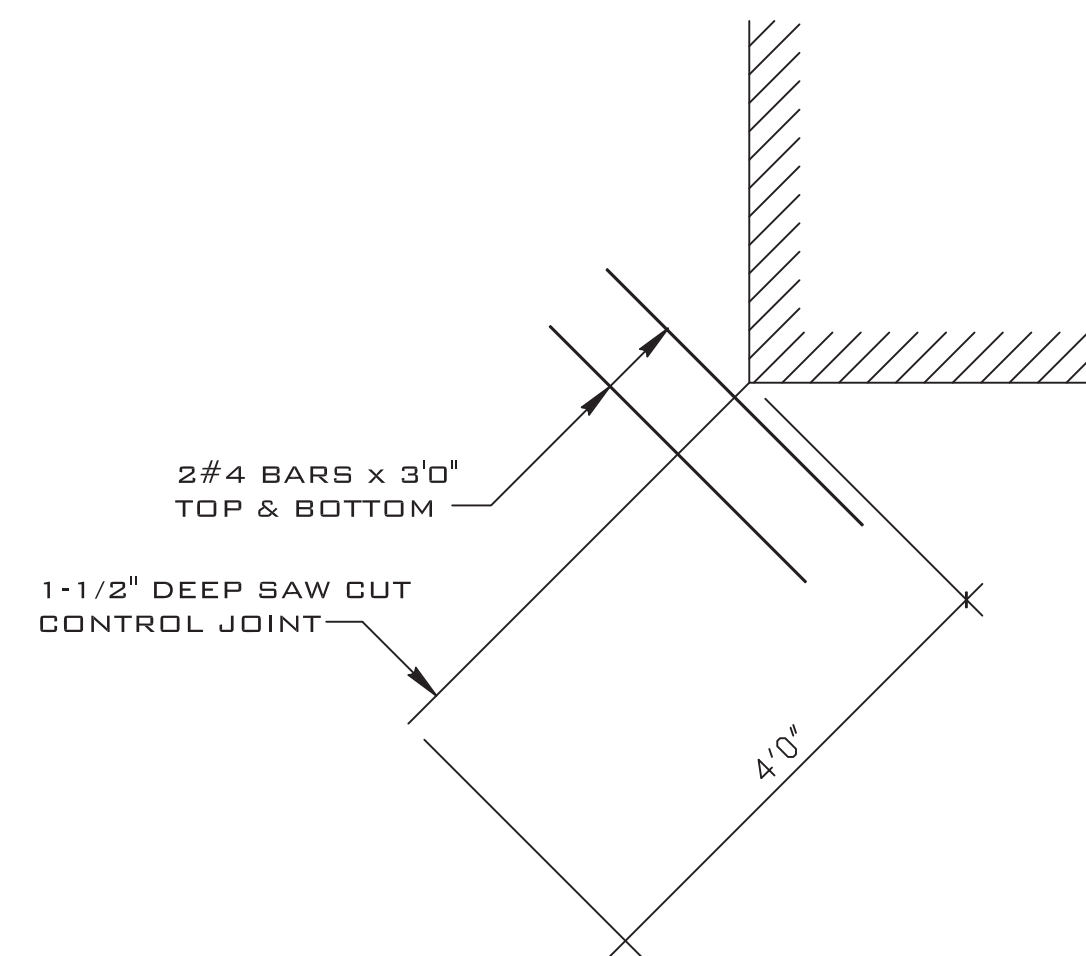
MORTAR FOR CONCRETE MASONRY SHALL CONFORM TO THE REQUIREMENTS OF THE ASTM SPECIFICATION FOR MORTAR UNIT MASONRY ASTM C270, TYPE M OR S. GROUT SHALL CONFORM TO ASTM C476. CONCRETE GROUT USED TO FILL CORES IN MASONRY UNITS SHALL HAVE A 28 DAY STRENGTH OF 3,000 PSI MIN.

ALL MASONRY TO BE LAID IN TYPE M OR S MORTAR WITH FULL HEAD AND BED JOINT.

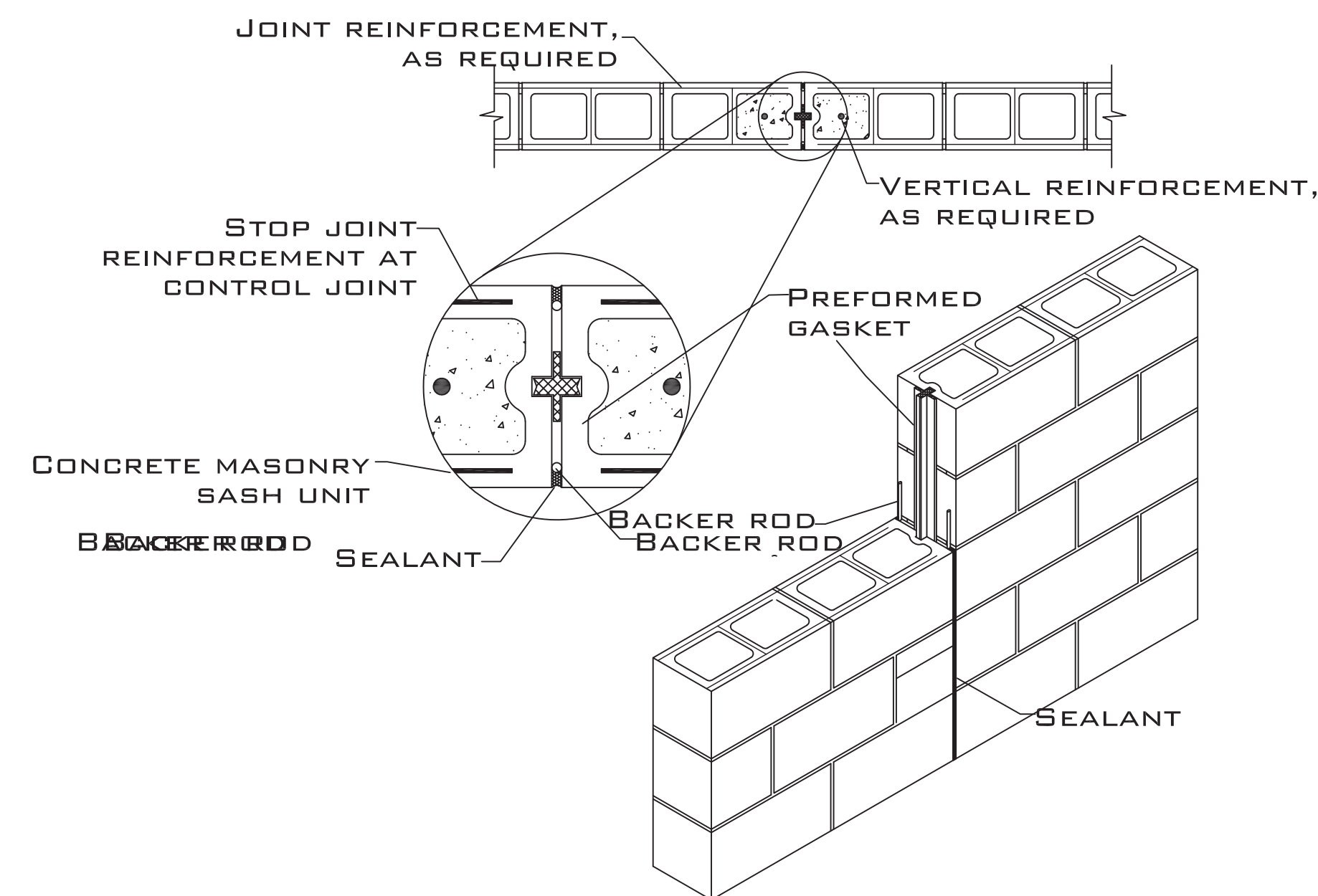


PROVIDE CONTROL JOINTS BETWEEN CONSTRUCTION JOINTS WITH SPACING NOT TO EXCEED IN FEET 3 TIMES THE SLAB THICKNESS IN INCHES IN EACH DIRECTION. CONTROL JOINTS TO BE FORMED WHILE CONCRETE IS STILL PLASTIC OR SAW CUT WITHIN 8 HOURS OF PLACING CONCRETE.

D1A SAWED CONTROL JOINT (S.J.)
DET



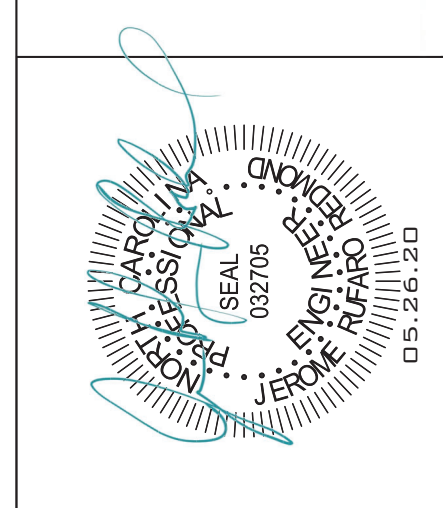
D1B TYPICAL DIAGONAL SAW CUT SLAB CONTROL JOINT DETAIL
DET



D40 MASONRY CONTROL JOINT
DET PROVIDE AT 16' INTERVAL MAX

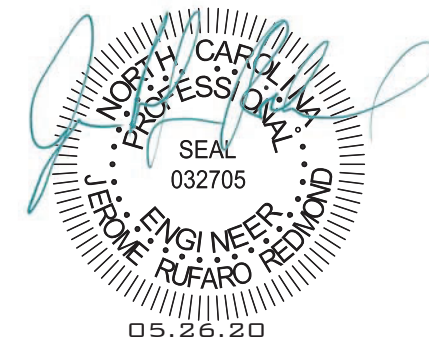
MARK	DATE	REVISION

JEROME RUFARO REDMOND, PE
 BUILDING ENGINEERING & DESIGN
 8209A MARKET STREET STE. 222
 WILMINGTON, NC 28411
 910.915.6529
 JREDONC5@YAHOO.COM

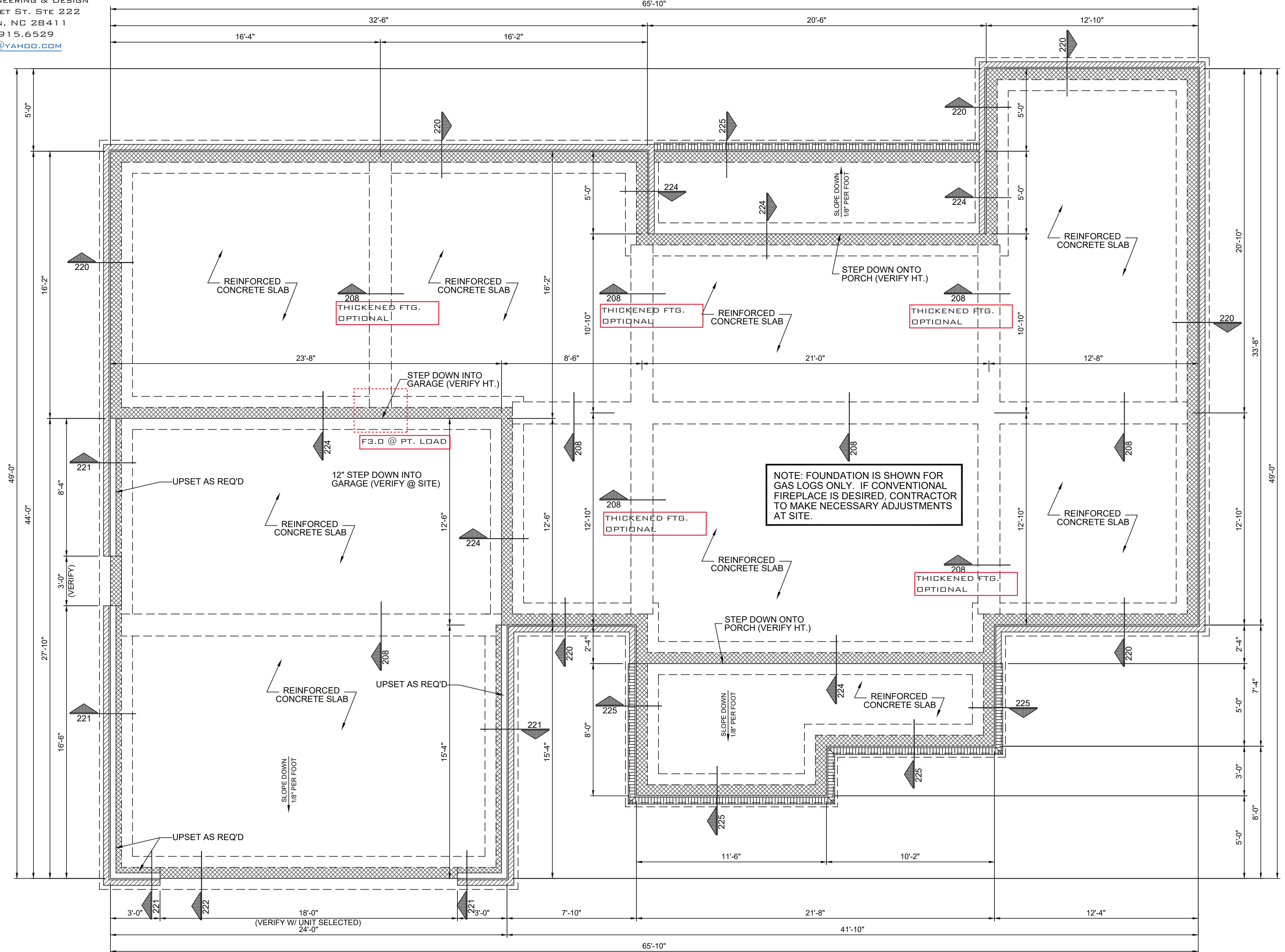


HPG 1604C PLAN
HARNETT COUNTY, NC

DRAWING TITLE GENERAL NOTES	
DRAWN BY:	JRR
CHECKED BY:	JRR
SCALE:	AS SHOWN
DATE:	06.02.19
PROJECT	SHEET
02019173A	S1



JEROME RUFARO REDMOND, PE
 BUILDING ENGINEERING & DESIGN
 8209A MARKET ST. STE 222
 WILMINGTON, NC 28411
 P: 910.915.6529
 JREDNCS@YAHOO.COM

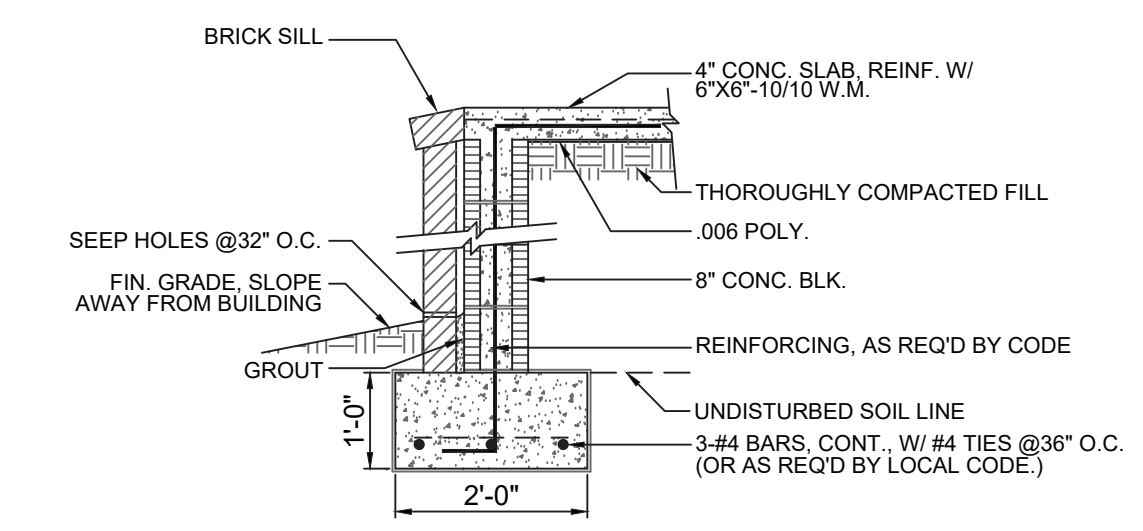


NOTE: FOUNDATION IS SHOWN FOR GAS LOGS ONLY. IF CONVENTIONAL FIREPLACE IS DESIRED, CONTRACTOR TO MAKE NECESSARY ADJUSTMENTS AT SITE.

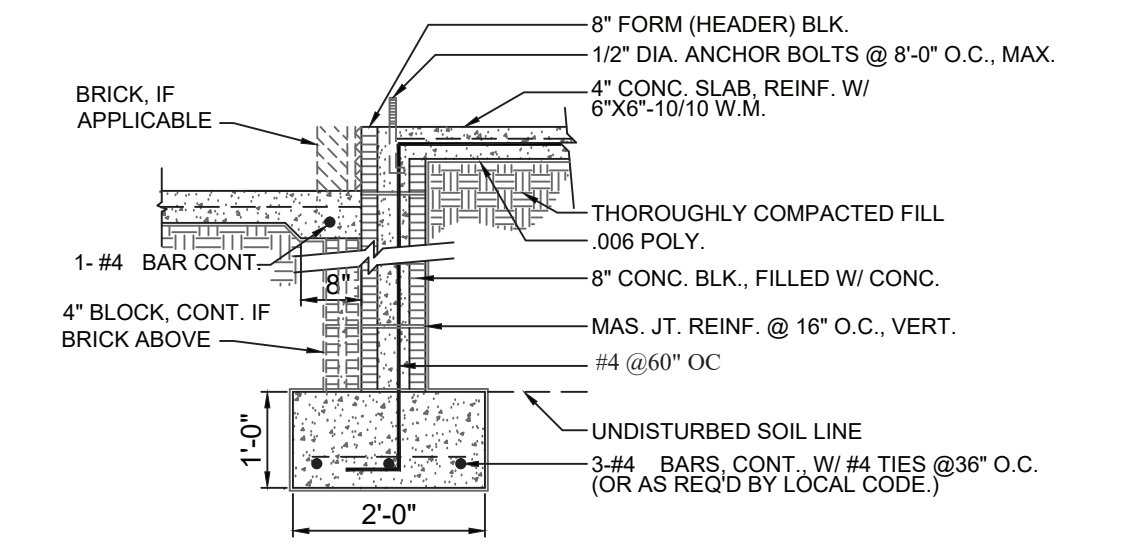
- FOUNDATION NOTES:**
1. FLOOR LIVE LOAD 40 PSF
 2. ROOF LIVE 20 PSF
 3. WF2.0 - 2'-0" WX 16" D CONT. WALL FOOTING W/3 #4 OR 2 #5 CONT.
 WF1.8 - 1'-8" WX 16" D CONT. WALL FOOTING W/3 #4 OR 2 #5 CONT.
 F3.0 - 36" X 36" X 12" D W/ 4 #4 EW
 4. WALL: 2X4@16" OC
 5. WOOD: SPF NO. 2 OR HIGHER
 6. CONCRETE: F_c = 3000 PSI
 7. MASONRY: F_m = 1500 PSI
 8. ASSUMED SOIL BEARING: 2000 PSF
 9. 4" CONCRETE SLAB ON GRADE CONCRETE W/6X6-W1.4XW1 4 REINFORCING OVER 6 MIL VAPOR BARRIER ON COMPACTED FILL
 10. SLAB PERIMETER INSULATION: R-15 FOR 24"

RAISED SLAB FOUNDATION
 SCALE: ===== 1/4" = 1'-0"

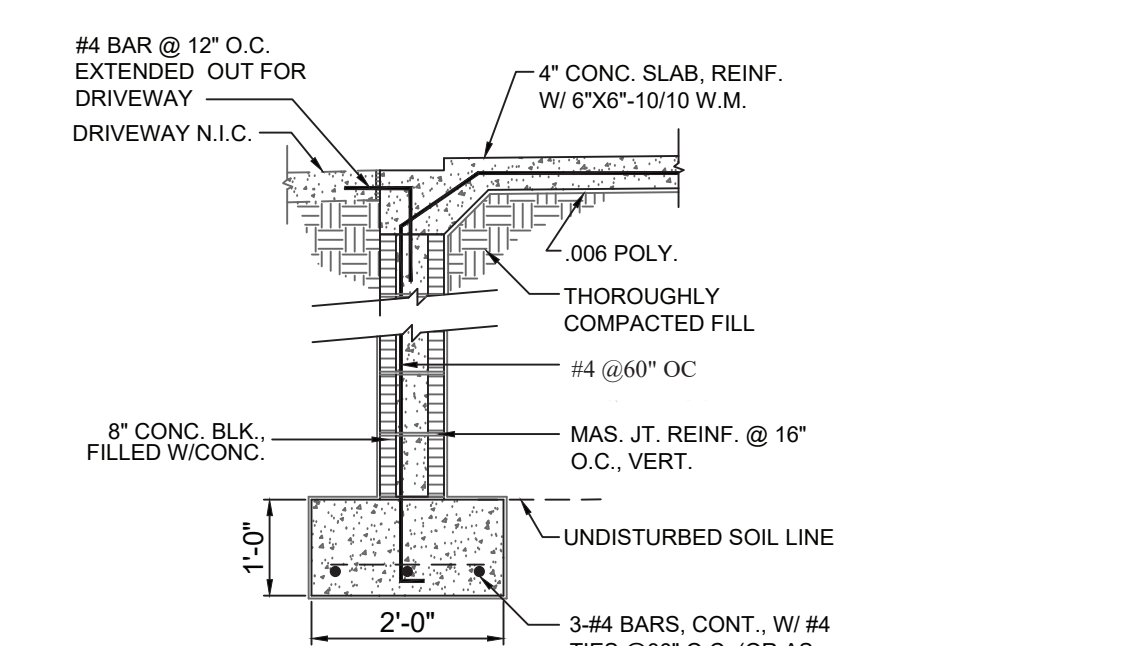
PLANS ARE IN COMPLIANCE WITH 2018 NC RESIDENTIAL CODE



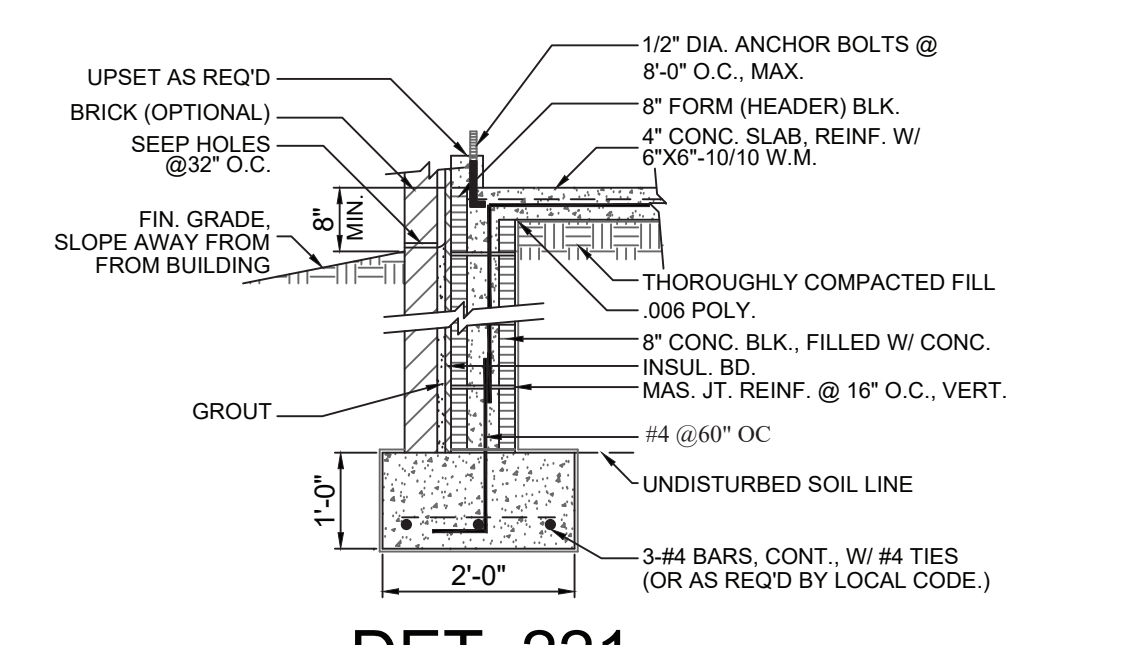
DET. 225



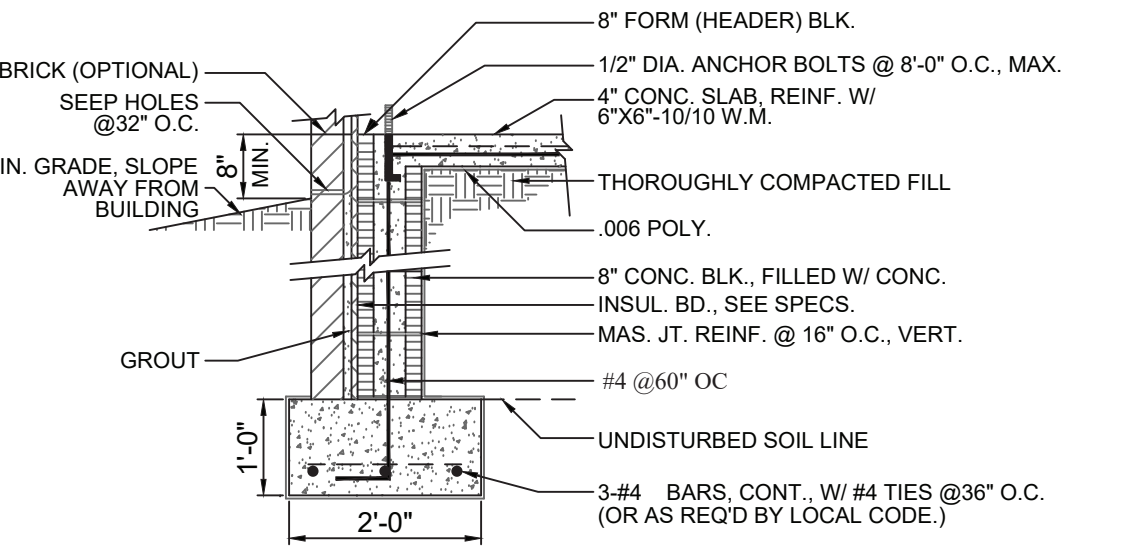
DET. 224



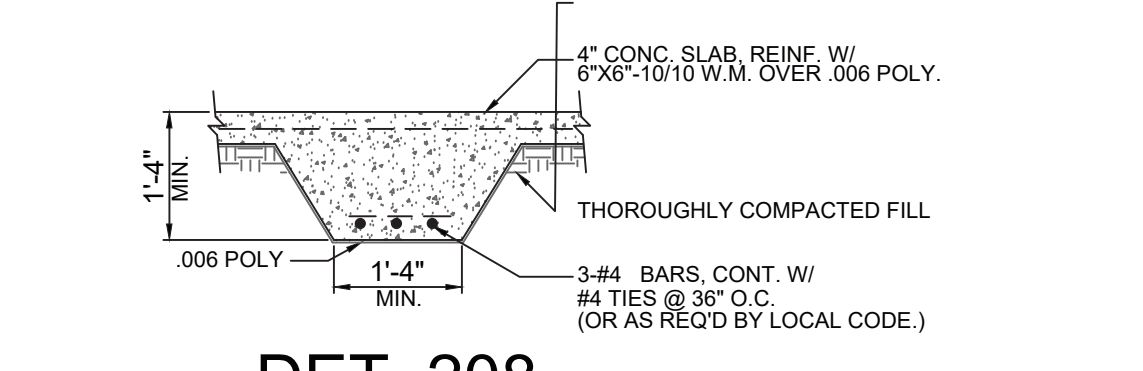
DET. 222



DET. 221



DET. 220



DET. 208

HOUSE PLAN GALLERY, INC.

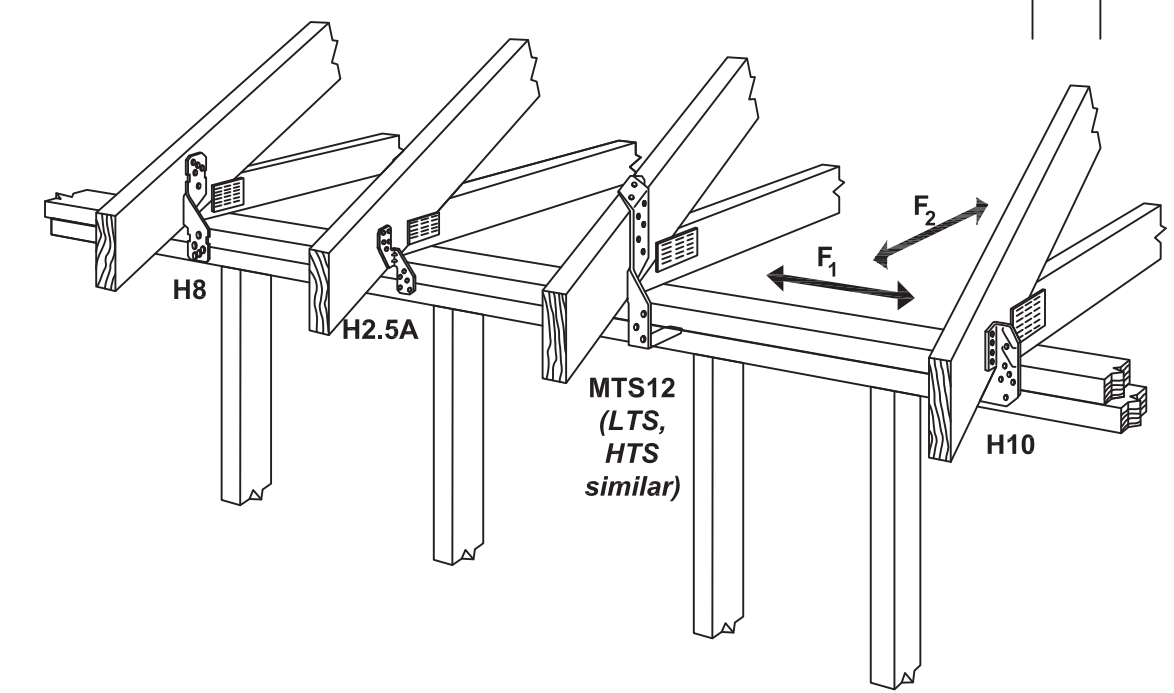
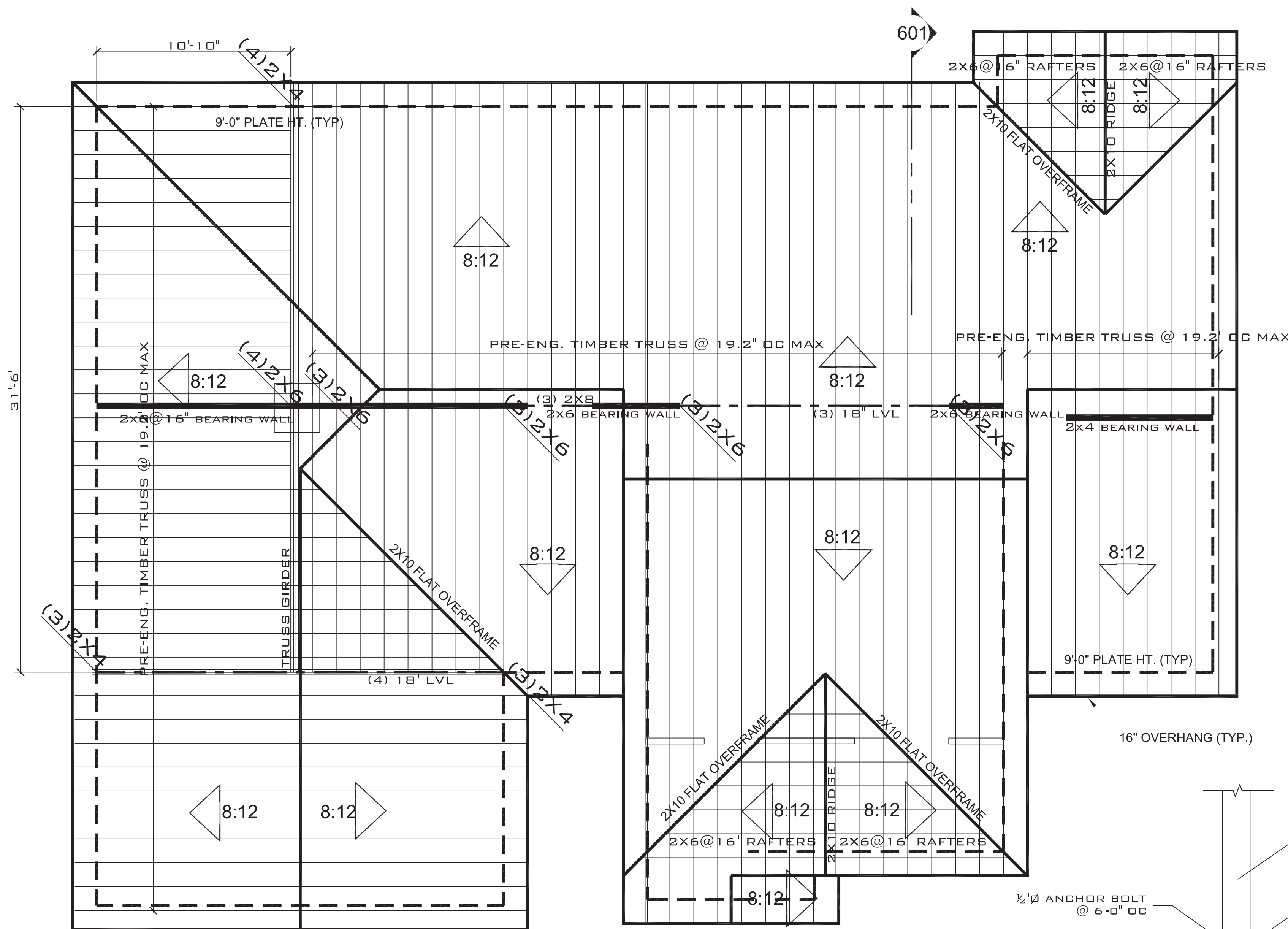
6659 HWY. 98 WEST, HATTIESBURG, MS 39402
 EMAIL: HOUSEPLANGALLERY@COMCAST.NET \ FAX: (601) 264-4483

DATE:	10/07/10
DRAWN BY:	A.L.B.
CHECKED BY:	G.S.M.
PLAN NUMBER	HPG-
	1604C
CHAINBLOCK FOUNDATION	
SHEET NUMBER	

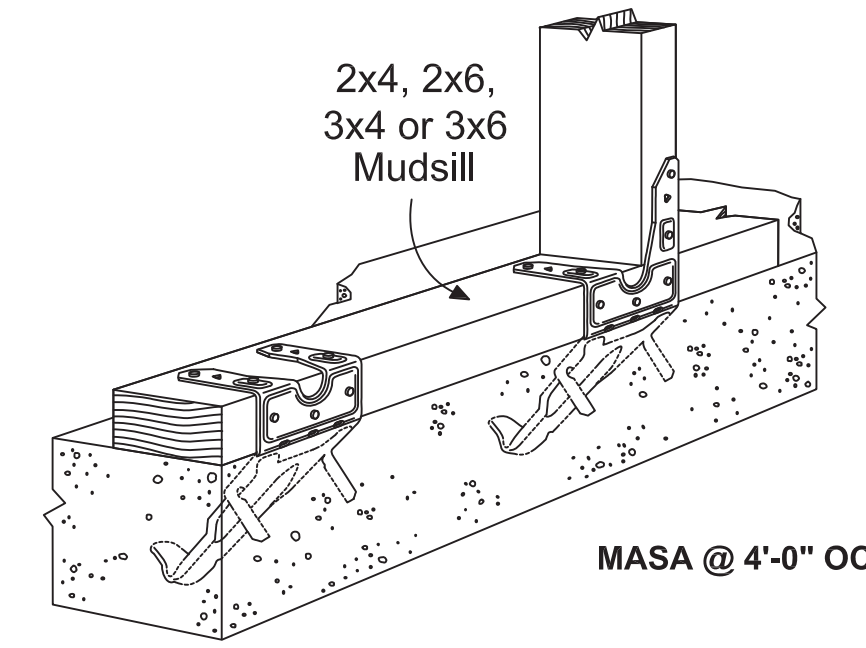
2

PROFESSIONAL MEMBER:

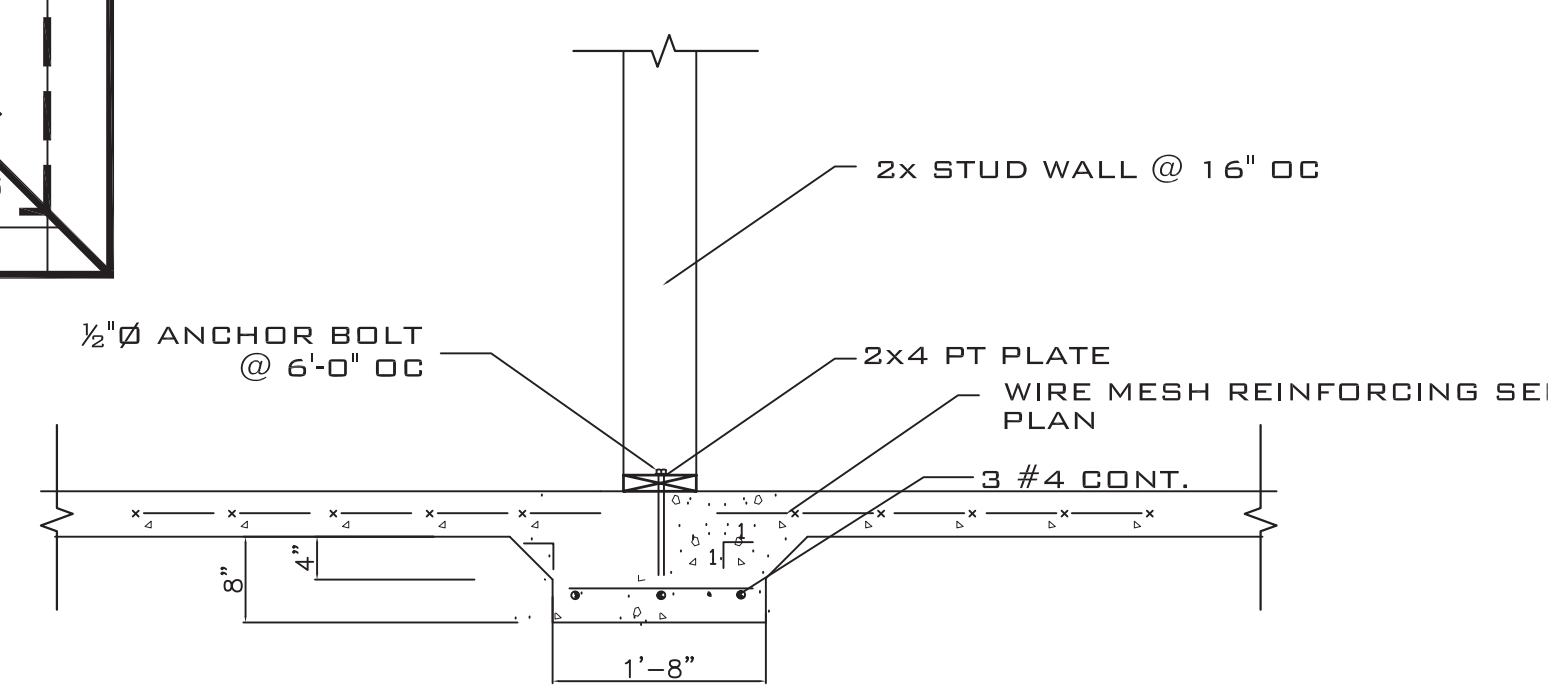
MARK	DATE	REVISION



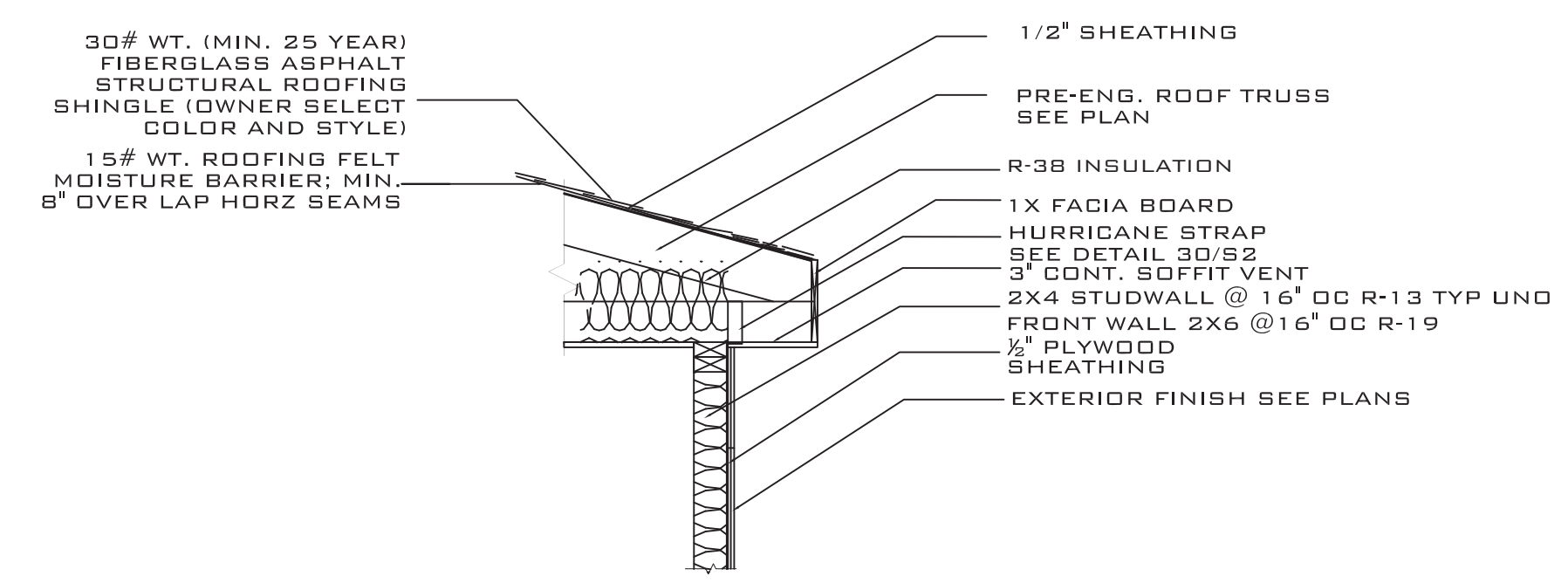
D30 DET HURRICANE TIE OPTIONS
NOTE: FASTENING SCHEDULE PER MANUFACTURER'S RECOMMENDATIONS



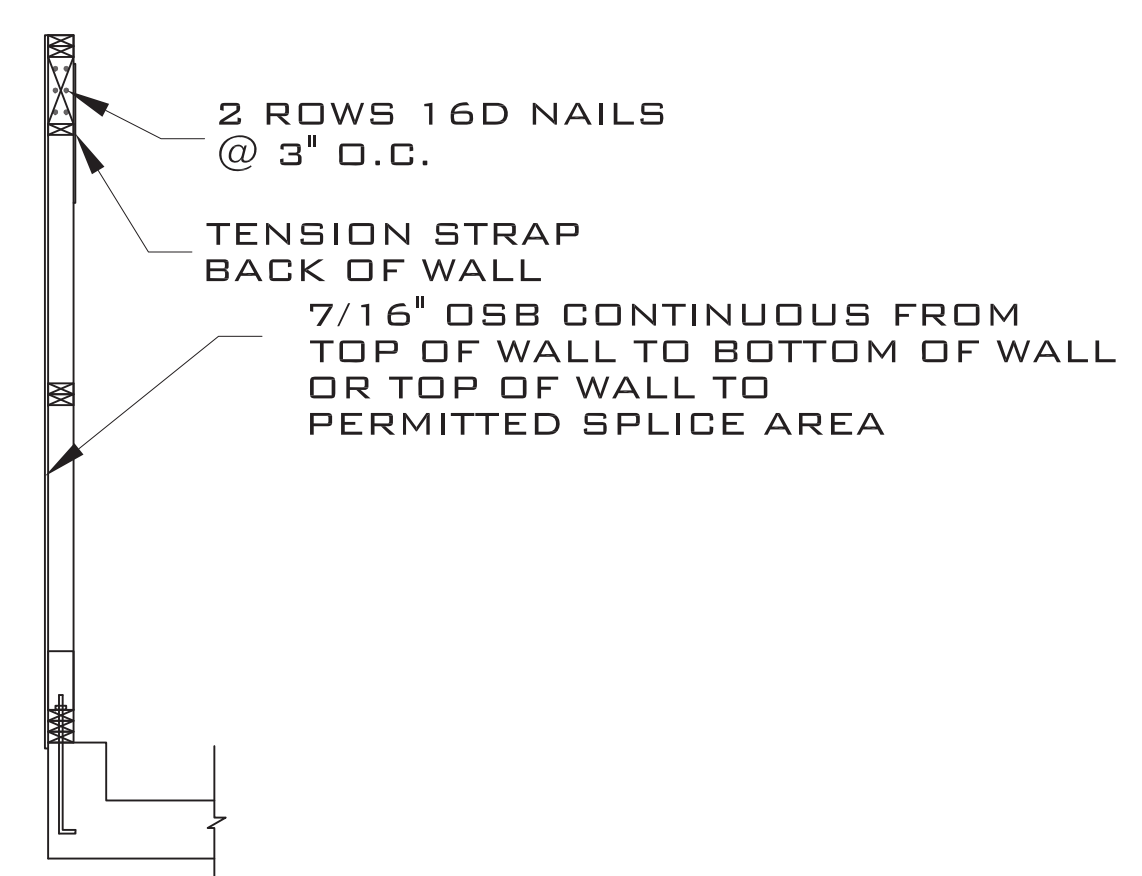
D32 DET ANCHORAGE - ALTERNATIVE
NOTE: FASTENING SCHEDULE PER MANUFACTURER'S RECOMMENDATIONS



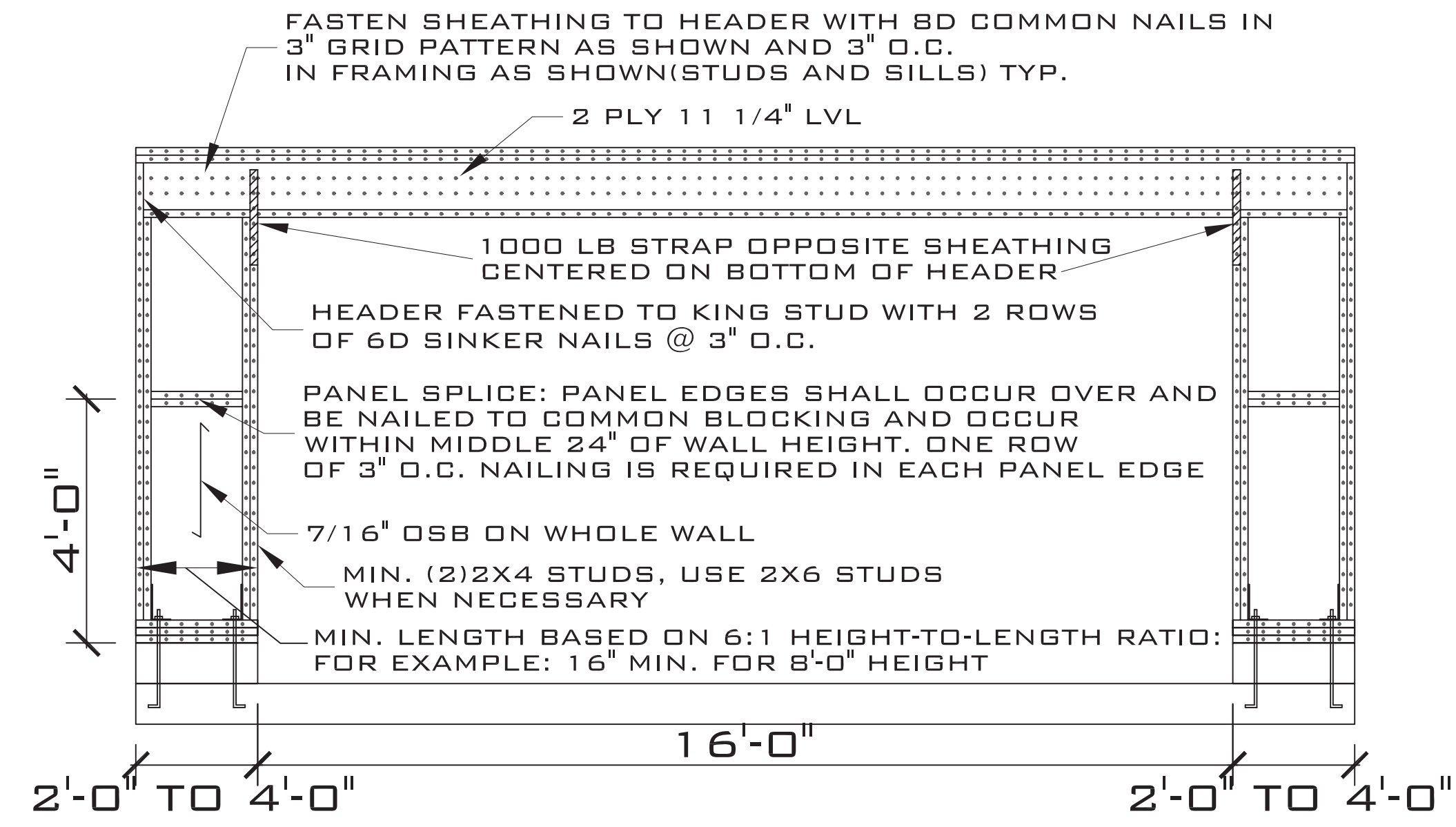
203 S1 THICKENED SLAB
SCALE: NTS



3 S2 ROOF @ BEARING WALL DETAIL
SCALE: NTS



SIDE ELEVATION



GARAGE PORTAL FRAME DETAIL

ROOF FRAMING PLAN

- SCALE: 1/4" = 1'-0"
NOTE:
1. ROOF LIVE LOAD 20 PSF
 2. CEILING LIVE: 10 PSF ATTIC STORAGE: 20 PSF
 3. WINDOW HEADER: (2)2X8 W/ 1 JACK AND 1 KING STUD SUPPORT
 4. HEADERS TO BE (2) 2X8 HEADER UND
 5. ATTIC INSULATION: R-38
- TIMBER TRUSS**
1. TRUSS FABRICATOR TO VERIFY FIELD DIMENSIONS WITH GENERAL CONTRACTOR.
 2. ALL TIMBER TRUSSES SHALL BE DESIGNED FOR:
 - 110 MPH WIND SPEED
 - TOP CHORD LL = 30 PSF
 - TOP CHORD DL = 10 PSF
 - BOT CHORD LL = 20 PSF (GENERAL ATTIC)
 - BOT CHORD DL = 15 PSF
 - NET UPLIFT = 25 PSF
 IN ACCORDANCE WITH GOVERNING LOAD COMBINATIONS PER IBC 1605.
 3. TRUSS SUPPLIER SHALL SUBMIT SHOP DRAWINGS WITH NORTH CAROLINA REGISTERED ENGINEER SEAL BEFORE FABRICATION.
 4. ALL MEMBERS TO BE SYP NO. 2 OR HIGHER
 5. PROVIDE ANCHORAGE AT ALL BEARING LOCATIONS
 6. SEE SHEET 5 FOR CATHEDRAL CEILING PROFILE IN GREAT ROOM

JEROME RUFARO REDMOND, PE
 BUILDING ENGINEERING & DESIGN
 8209A MARKET STREET STE. 222
 WILMINGTON, NC 28411
 910.915.6529
 JREDOND5@YAHOO.COM

HPG 1604C PLAN
HARNETT COUNTY, NC

DRAWING TITLE
 ROOF FRAMING PLAN
 AND STRUCTURAL
 DETAILS
 DRAWN BY: JRR
 CHECKED BY: JRR
 SCALE: AS SHOWN
 DATE: 06.02.19
 PROJECT SHEET
 02019173A **S3**