### BRADLEY





PLAN ID 120121.0901

QUALITY | INTEGRITY | VALUE

### 110 VILLAGE TRAIL SUITE 215 WOODSTOCK, GA. 30188

### **DRAWING INDEX** A0.0 **COVER SHEET** A1.1 FRONT ELEVATIONS A2.1 SIDE & REAR ELEVATIONS A3.1 SLAB FOUNDATIONS FIRST FLOOR PLANS AND OPTIONS A5.1 A6.1 **ROOF PLANS** A7.2 ELECTRICAL PLANS TRIM LOCATION LAYOUT A8.1

AREA TABULATIO	N
FIRST FLOOR	1679
TOTAL	1679
GARAGE	396
FRONT PORCH (COVERED)	20
REAR PATIO (COVERED)	91

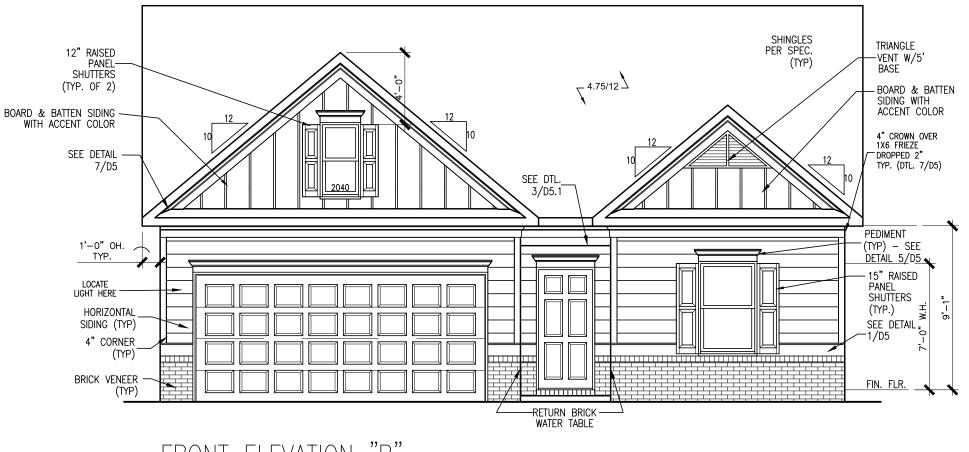
### **GOVERNMENTAL CODES & STANDARDS**

HOME TO BE BUILT TO CONFORM TO ALL APPLICABLE LOCAL CODES, PRACTICES AND STANDARDS

### BUILDING CODE ANALYSIS / DESIGN CRITERIA

HOME TO BE BUILT TO MEET OR EXCEED ALL LOCAL CODES AND DESIGN CRITERIA

		PLAN REVISIONS	
DATE	BY	REVISION	PAGE #
11/12/2021	AW	Prototype walk revisions - see revision sheet	ALL
1/6/2022	AW	PCR Increased size of HVAC platform when 2nd flr selected and removed 1 switch in Obath to tie LED light to vanity light	A5.2, A7.3-A7.4
4/21/2022	AW	PCR added 4-way switch to Family Rm light and added outlet in Fam Rm next to cooktop wall cabs	A7.3-A7.4
9/1/2022	AW	Changed field framing and misc. items - see revision sheet	A3.1.1, A5.1.1, A5.2. A5.3
6/7/2023	AW	Relocated PDS and HVAC platform to garage for ranch versions (to match new truss layouts)	A5.1-A8.1
9/21/2023	BB	Removed tub and shower sizes on all affected pages	A3.1, A5.1, A7.3

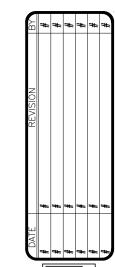


FRONT ELEVATION "B"

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

ALL NON-MASONRY RETURNS TO BE HORIZONTAL SIDING

SEE SHEET D3 OF SDH TYPICAL
DETAILS FOR SOFFIT DETAILS PER
SOFFIT MATERIAL

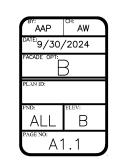


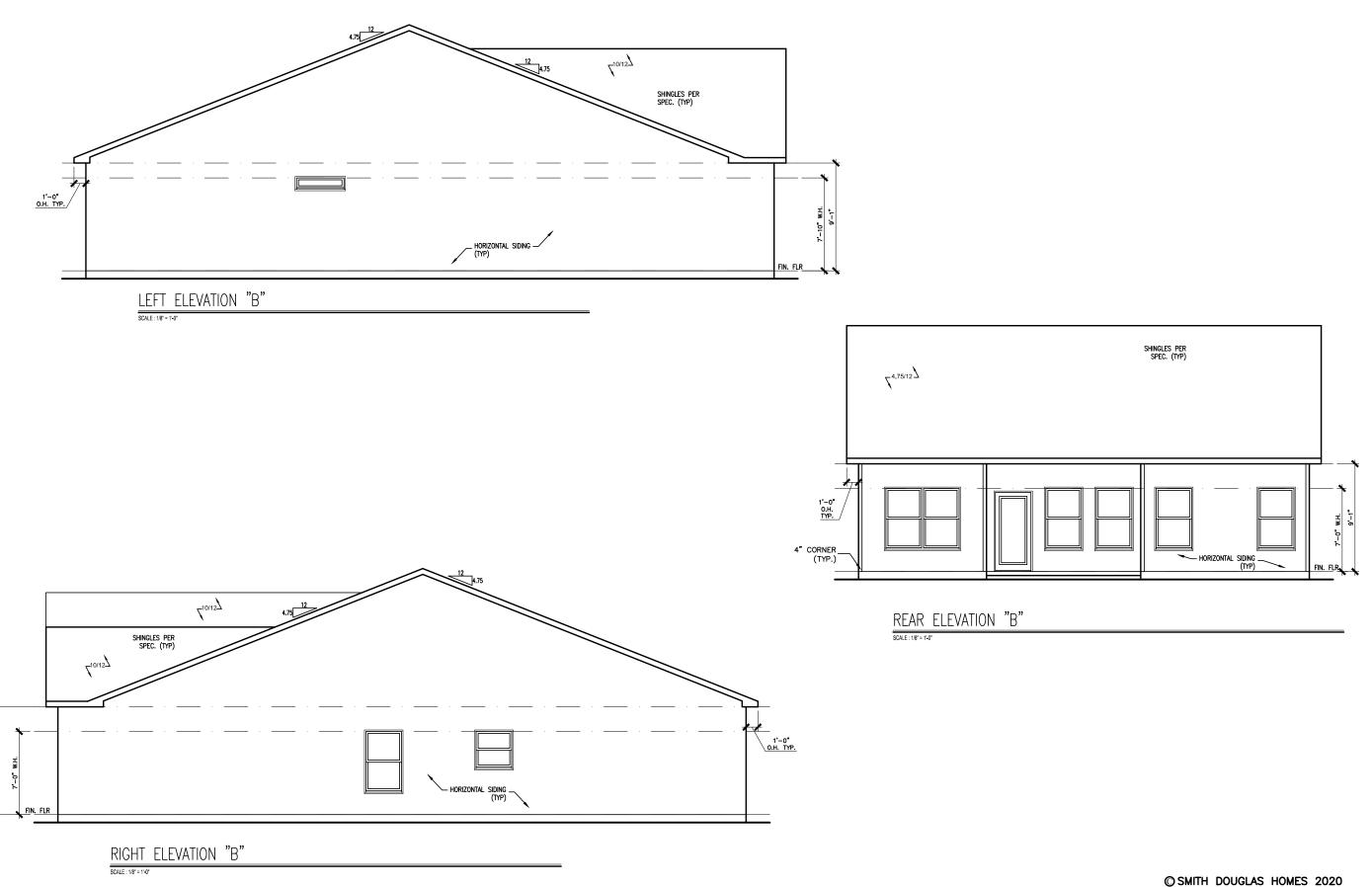
SMITH DOUGLAS HOMES QUALITY I INTEGRITY I VALUE

ELEVATIONS FRONT ELEVATION BRADLEY

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ELEVATIONS SIDES AND REAR BRADLEY

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AAP CH: AW <sup>E:</sup>9/30/2024 ~A2.1

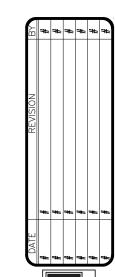
### 38'-0" 14'-21/2" 10'-9½" 13'-0" DROP 4" BELOW HOUSE SLAB 9'-8½" 1'-6½" 4 WH) |1 DROP 4" BELOW HOUSE SLAB DROP 4" BELOW & HOUSE & SLAB START AT THIS CORNER TO LAY OUT PLATES 16' X 7' OHGD (R.O. 16'-3" X 7'-1 1/2") 1'-10½" 16'-3" 20'-0" 5'-0" 13'-0" SLAB PLAN

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

### HARRINGTON PLACE LOT 46

\*RADON VENT PROVIDED PER LOCAL CODE

REFER TO DETAIL 3/D1 FOR BRICK LEDGE DETAIL WHEN BRICK VENEER IS CHOSEN







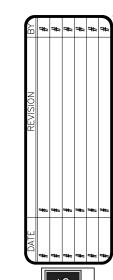
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### 10'-9½" 14'-21/2" 2'-9½" 8'-7½" 2'-9½" 5'-4½" (2) 2X12 #2 SYP FOR ALL A&B ROOF MASSING ELEVATIONS (2) 2X10 HEADER 3050 3050 3050 TWIN COVERED PATIO DINING 9' clg. hgt. 3068 F.L. 3050 OWNER'S SUITE 9' clg. hgt. **FAMILY** ROOM 9' CLG. HGT. OWNER'S BATH 9' clg. hgt. KITCHEN 9' CLG. HGT. 3'-11½" 4'-0"W. HDR. @ EXT. FOYER 9' CLG. HGT. 2'-6" 4'-3½" W.I.C BEDROOM 3 9' CLG. HGT. (2) 2X4-WH) NO LIVING SPACE ABOVE GARAGE BATH GARAGE **FOYER** 9'-0" CLG. HGT. 3068 BEDROOM 2 COVERED PORCH 2'-6" 2'-6" 16'-0" 38'-0" FIRST FLOOR PLAN

### HARRINGTON PLACE LOT 46

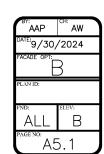


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FLOOR PLAN FIRST FLOOR BRADLEY

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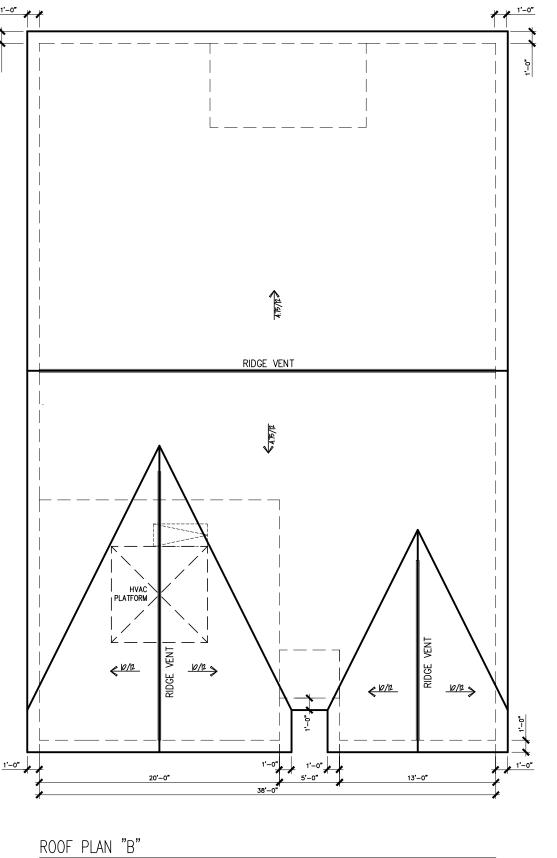


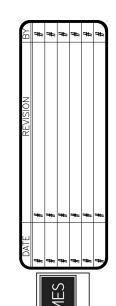
\*RADON VENT PROVIDED PER LOCAL CODE

REFER TO MANUFACTURER'S

SPECS. FOR DRAIN LOCATIONS
ON DETAIL SHEETS

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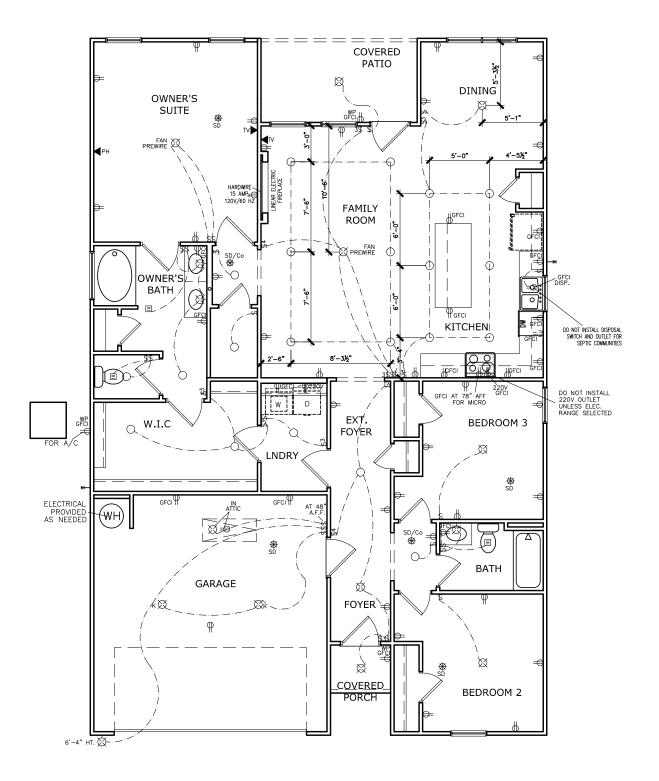




PLAN BRADLEY ROOF

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SUITE 115
WOODSTOCK, GA 30188
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ELECTRICAL LEGEND			
\$	SWITCH	TV.	TV
\$3	3 WAY SWITCH	ф	120V RECEPTACLE
\$4	4 WAY SWITCH	<b>P</b>	120V SWITCHED RECEPTACLE
Ø	CEILING FIXTURE	•	220V RECEPTACLE
-\$\( \cdot \)	KEYLESS	P <sub>GFCI</sub>	GFCI OUTLET
+XX	WALL MOUNT FIXTURE	PAFCI	ARCH FAULT CIRCUIT
0	CEILING FIXTURE	T <sub>GL</sub>	GAS LINE
•	FLEX CONDUIT	† <sub>wL</sub>	WATER LINE
СН	CHIMES	¥	HOSE BIBB
₽H	TELEPHONE	8	FLOOD LIGHT
SD/Co ₩	SMOKE DETECTOR & CARBON MONOXIDE		1x4 LUMINOUS FIXTURE
SO	SECURITY OUTLET		OFILING FAN
	GARAGE DOOR OPENER		CEILING FAN
	EXHAUST FAN		ELECTRICAL WIRING
OIII	FAN/LIGHT		CEILING FIXTURE
ELECTRICAL PLANS TO FOLLOW ALL LOCAL CODES			
APPROX. FIXTURE HGTS (MEASURED FROM BOTTOM OF FIXTURE)			
BREAKFAST/DINING ROOM		63" ABO	VE FINISHED FLOOR
KITCHEN PENDANT LIGHTS		33" ABO	VE COUNTER TOP
TWO STORY FOYER FIXTURE		96" ABOVE FINISHED FLOOR	
CEILING FAN		96" ABOVE FINISHED FLOOR	

NOTE: FINAL PLACEMENT OF PHONE/CABLE T.B.D. ON SITE BY THE BUILDER

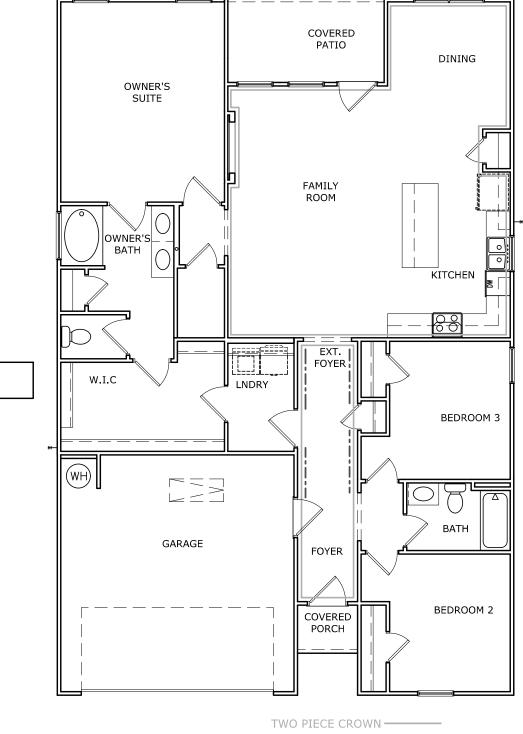
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ELECTRICAL PLAN FIRST FLOOR BRADLEY

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FOYER TRIM - CHAIR/SHADOW —---

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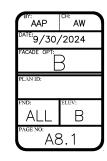
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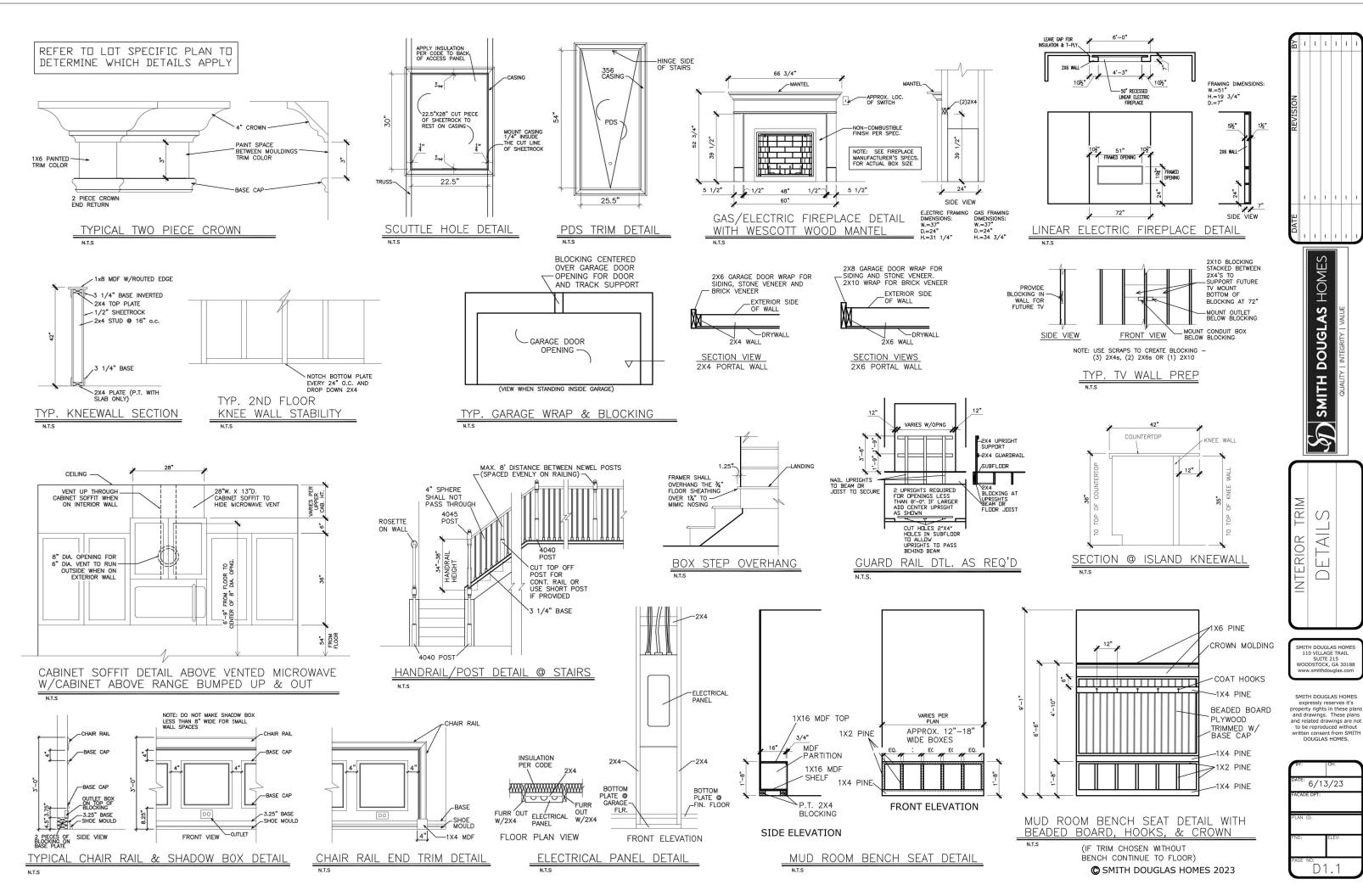
LAYOUT

TRIM

BRADLEY

FLOOR PLAN





### CONNECTION SPECIFICATIONS (TYP. U.N.O.)

DESCRIPTION OF BLDG, ELEMENT	3"x0.131" NAILS	3"x0.120" NAIL5
JOIST TO SOLE PLATE	(3) TOENAILS	(3) TOENAILS*
SOLE PL. TO JOIST/RIM OR BLK'G	NAILS ● 4" o.c.	NAIL5 @ 4" o.c.
STUD TO PLATE	(4) TOENAILS/ (3)END NAILS	(4) TOENAILS/ (4)END NAILS*
RIM TO TOP PLATE	TOENAILS @ 6" o.c.	TOENAILS @ 4" o.c.*
BLK'G. BTWN. JOISTS TO TOP PL.	(3) TOENAILS EA. END	(3) TOENAILS EA. END*
DOUBLE STUD	NAILS @ 16" o.c.	NAILS @ 16" o.c.
DOUBLE TOP PLATE	NAILS @ 12" o.c.	NAILS @ 8" o.c.
DOUBLE TOP PLATE LAP SPLICE	(12) NAILS IN LAPPED AREA (24" MIN.)	(15) NAILS IN LAPPED AREA (24" MIN.)
TOP PLATE LAP @ CORNERS & INTERSECTING WALLS	(3) NAILS	(3) NAILS
RAFTER/TRUSS TO TOP PLATE	(4) TOENAILS + (I) SIMPSON H2.5T	(4) TOENAILS + (I) SIMPSON H2.5T
GAB. END TRUSS TO DBL. TOP PL.	TOENAILS @ 8" o.c.	TOENAILS @ 6" o.c.
R.T. w/ HEEL HT. 91/4" TO 12"	2xIO BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ TOENAILS @ 6" O.C.	2xIO BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ TOENAILS @ 4" O.C.
R.T. w/ HEEL HT. 12" TO 16"	2XI2 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ TOENAILS @ 6" O.C.	2xI2 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ TOENAILS @ 4" O.C.
R.T. w/ HEEL HT. UP TO 24"	LAP WALL SHTG. W DBL. TOP PL. \$ INSTALL ON TRUSS VERT FASTEN W NAILS @ 6" O.C.	LAP WALL SHTG, W/DBL, TOP PL. § INSTALL ON TRUSS VERT FASTEN W/NAILS @ 6" O.C.*
R.T. w/ HEEL HT. 24" TO 48"	LAP WALL SHTG. W/ DBL. TOP PL. & INSTALL ON TRUSS VERT FASTEN W/ NAILS @ 6" O.C. PROVIDE 2x BLK @ EA. BAY AT TOP OF HEEL	LAP WALL SHTG, W DBL. TOP PL. & INSTALL ON TRUSS VERT FASTEN W NAILS • 6" O.C. PROVIDE 2x BLK • EA. BAY AT TOP OF HEEL*
WALL TO FOUNDATION	WALL SHTG. LAP W/ SILL PL. & FASTENED PER SHEAR WALL FASTENING SPEC.	

2½"x0.113 IS AN ACCEPTABLE ALTERNATIVE TO A 3"X0.120", SAME SPACING OR NUMBER OF NAILS. ONLY ACCEPTABLE WHERE \* ARE SHOWN)

### ADDITIONAL NOTES FOR TRUSS & I-JOIST MANUFACTURER

ROOF TRUSS AND ENGINEERED JOISTS SHALL BE DESIGNED TO MEET THE DEFLECTION CRITERIA BELOW UNLESS NOTED OTHERWISE ON PLAN. MULHERN & KULP CANNOT BE HELD RESPONSIBLE FOR ANY STRUCTURAL ISSUES RELATED TO ANY BUILDING COMPONENT IF COMPONENT SHOP DRAWINGS ARE NOT SUBMITTED TO M&K FOR REVIEW PRIOR TO FABRICATION, DELIVERY, OR INSTALLATION.

TRUSSES/JOISTS SHALL BE DESIGNED SO THAT DIFFERENTIAL DEFLECTION BETWEEN ADJACENT PARALLEL TRUSSES/JOISTS OR GIRDER TRUSSES/FLUSH BEAMS DO NOT EXCEED THE FOLLOWING:

- ROOF TRUSSES: 1/4" DEAD LOAD
- ATTIC TRUSSES, & I-JOISTS:
- 1/8" DEAD LOAD

ABSOLUTE DEAD LOAD DEFECTION OF ATTIC TRUSSES WHEN AD JACENT TO ELOOR FRAMING BY OTHERS SHALL BE LIMITED TO 3/16". (NOT DIFFERENTIAL DEFLECTION)

### VENEER LINTEL SCHEDULE

SPAN (MAX)	HEIGHT OF VENEER ABOVE LINTEL	STEEL ANGLE SIZE
3'-0"	20 FT. MAX	L3"x3"x¼"
	3 FT. MAX	L3"x3"x¼"
6'-0"	I2 FT. MAX	L4"x3"x/4"
	20 FT, MAX	L5"x3½"x5%"
8'-0"	3 FT. MAX	L4"x4"x¼" *
	I2 FT. MAX	L5"x3½"x5%"
	l6 FT. MAX	L6"x3½"x¾"
9'-6"	I2 FT. MAX	L6"x31/2"x5/6"

. LINTELS: HALL SUPPORT 2 ½" - 3 ½" VENEER W 40 psf MAXIMM WEIGHT 6' SHALL HAVE 4" ININ BEARING 6' SHALL HAVE 5" ININ, BEARING 6' SHALL HAV EN ININ ERSTRIE 6' SHALL NOT BE FASTENED BACK TO HEADER.

- 4.6 SHALL BY TEE FASTERED BACK TO READER IN WALL 6400-X m<sup>3</sup>/<sub>2</sub> DIA x 3 ½ BSALL BE TABLED BACK TO ROOD READER IN WALL 6400-X m<sup>3</sup>/<sub>2</sub> DIA x 3 ½ MAX. VERER INT, APPLIES TO ANY PORTION OF BRICK OVER THE OPENING. ALL LINITIES SHALL BE LOAD LEE OVERTICAL. HERE SUPPORTING VERER X 9 MIDE THE EXTERIOR TOE OF THE HORIZONTAL LEE MAY BE COIL THE PERILD TO BE 3/2 MIDE OVER THE EDERRING EIGHT ON X. THIS SEE STRUCTURAL PLANS FOR ANY LINITIEL CONDITION NOT BICOMPAGED BY THE ABOVE PARAMETERS.
- R QUEEN VENEER USE L4x3x/4".

### GENERAL STRUCTURAL NOTES

### FOUNDATION

DESIGN IS BASED ON 2018 NCSBC-RESIDENTIAL CODE

FOOTING DESIGN - 2,000 PSF NET ALLOWABLE SOIL BEARING

- PRESSURE IS ASSUMED. BUILDER/CONTRACTOR MUST VERIFY. FASTEN 2x4/6 SILL PLATES TO CONC FND WITH A MINIMUM OF 2
- ANCHORS PER PLATE, I2" MAX. FROM PLATE ENDS UTILIZING I/2" DIA. ANCHOR BOLTS @ 6'-0" O.C.7" MIN. EMBEDMENT • FA4 ANCHOR STRAPS • 6'-0" O.C.
- FASTEN 2x10 SILL PLATES TO PRECAST BSMT WALLS WITH A MINIMUM OF 2 ANCHORS PER PLATE, 12" MAX. FROM PLATE ENDS - UTILIZING: I/2" DIA, BOLTS @ 2'-0" O.C
- ALL LUMBER EXPOSED TO WEATHER OR IN CONTACT W/ PERIMETER FOUNDATION SHALL BE PRESERVATIVE TREATED SOUTHERN PINE #2
- BUILDER TO VERIFY CORROSION-RESISTANCE COMPATIBILITY OF HARDWARE & FASTENERS IN CONTACT W/ PRESERVATIVE-TREATED WOOD, CONTACT LUMBER & HARDWARE SUPPLIERS TO COORD.
- FOUNDATION WALLS & FOOTINGS SHALL BE PLAIN CONCRETE, U.N.O.
- CONCRETE DESIGN BASED ON ACL 318, CONCRETE SHALL, ATTAIN THE FOLLOWING MIN. COMPRESSIVE STRENGTHS IN 28 DAYS, U.N.O.:
- f'c = 4,000 psi: ...... FOUNDATION WALLS 3,000 psi: ...... FOOTINGS & INTERIOR SLABS ON GRADE 3500 psi: ...... GARAGE & EXTERIOR SLABS ON GRADE eq 000,000 psi
- BASEMENT FOUNDATION WALL DESIGN BASED ON:
  - 8' OR 9' HEIGHT (AS NOTED ON PLANS) TALLER WALLS MUST BE ENGINEERED
- · BASEMENT WALL DESIGN IS BASED ON 30 OR 45 PCF BACKFILL SOIL TYPE CLASSIFICATIONS:
  - 30 PCF TYPE (GW GP GW SP) 45 PCF TYPE (GM, GC, SM, SM-SC, ML)
  - IMPORTANT IF 60 PCF SOIL TYPE (SC, ML-CL, OR CL) IS UTILIZED FOR BACKFILL. CONTACT MULHERN & KULP FOR FURTHER EVALUATION OF FOUNDATION DESIGN.
- BASEMENT WALLS SHALL BE BRACED, PRIOR TO BACKELLING, BY ADEQUATE TEMPORARY BRACING OR INSTALL 1st FLOOR DECK.
- ALL CONCRETE EXPOSED TO THE WEATHER SHALL NOT HAVE LESS THAN 5% OR MORE THAN 7% AIR ENTRAINMENT.
- ALL FOOTINGS SHALL BEAR BELOW FROST LINE (TYP.) OR 12" MIN IN REGIONS WHERE CODE FROST DEPTH IS NOT APPLICABLE. CONSULT SOILS REPORT OR BUILDING DEPT. FOR MINIMUM DEPTH BELOW
- FOOTINGS AND SLABS ON GRADE SHALL BEAR ON VIRGIN SOIL OR 95% COMPACTED FILL.
- PROVIDE CONTROL JOINTS AT ALL INSIDE CORNERS OF SLAB EDGES, AND OTHER LOCATIONS WHERE SLAB CRACKS ARE LIKELY TO DEVELOP.
- JOINTS SHALL BE LOCATED @ 10'-0" O.C. (RECOMMENDED) OR 15'-0" OC (MAXIMUM)
- JOINT GRID PATTERN SHALL BE AS CLOSE TO SQUARES AS POSSIBLE (I:I RATIO), WITH A MAXIMUM OF I:1.5 RATIO · CONTROL JOINTS SHALL NOT BE INSTALLED IN STRUCTURAL
- TYPICAL REINFORCEMENT DETAILS: PROVIDE 3" MIN. CLEAR COVER WHERE CAST AGAINST FARTH, LI/2" MIN, CLEAR COVER AGAINST FORMS. LAP ALL REBAR 48 BAR DIAMETERS MIN. (24" FOR #4 BARS) & BEND BARS AND LAP AT CORNERS. PROVIDE 6

HOOK INTO SUPPORTING FOOTINGS WHEN FOOTINGS INTERSECT

DIMENSIONS BY OTHERS, BUILDER TO VERIFY.

### LEGEND

R.T. NDICATES ROOF TRUSSES @ 24" O.C. PER ROOF. MANUE (TYP IINO)

OF. INDICATES TRUSS OVERFRAMING @ 24" O.C. (TYP. U.N.O.)

SI ABS

GRADE

F.J. NDICATES 14" DEEP FLOOR 1-JOISTS (24" O.C. MAX SPACING), JOIST SERIES AND SPACING SHALL BE THE RESPONSIBILITY OF THE JOIST MANUFACTURER D.J. ► INDICATES 2x8 P.T. DECK JOISTS @ 16" O.C. (MAX.)

- INDICATES LOCATIONS OF POTENTIAL TILE FLOOR. JOIST MANUFACTURER SHALL DESIGN FLOOR
  SYSTEM FOR ADD'L 10 PSF DEAD LOAD AT THESE LOCATIONS
- INTERIOR BEARING WALL
- □□□□□ BEARING WALL ABOVE (B.W.A.)
- JL METAL HANGER
  - INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE

### LATERAL/WALL BRACING & WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM: )MPH WIND IN 2018 NCSBC:R(

\$ 120MPH WIND IN 2018 IRC (120 MPH WIND SPEED IN ASCE 7 WIND MAP, PER IRC R301,2,1,1) EXP. B, RISK CAT. 2 & SEISMIC CAT. A/B.

HE DESIGN WAS COMPLETED PER 2015 & 2018 IBC ECTION 1609) & ASCE 7, AS PERMITTED BY R30113 OF THE 2018 NCSBC:RC & 2018 IRC. IF THE PARAMETERS OF SECTION R602.12 COMPLY CCORDINGLY, THIS MODEL, AS DOCUMENTED AND DETAILED HEREWITHIN IS ADEQUATE TO RESIST THE CODE REQUIRED LATERAL FORCES.

DESIGN WIND UPLIET LOADS HAVE BEEN CALCULATED UTILIZING ASCE 7 (ACCEPTED ENGINEERING PRACTICE) AS ALLOWED PER 2018 NCSBC:RC & 2018 IRC SECTION R802.II.I. THIS MODEL HAS BEEN DETAILED WHERE REQUIRED & ENGINEERED TO RESIST THE WIND UPLIFT LOAD PATH PER SECTIONS R602.3.5¢ R802.II.

### EXT. WALL SHEATHING SPECIFICATION

- 7/16" OSB OR 15/32" PLYWOOD: FASTEN SHEATHING W/ 2 3 "XO.II3 NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD. (TYP, U.N.O.)
- ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY (LONG DIRECTION PARALLEL TO STUDS, AND INSTALLED FULL HEIGHT OF SHEAR WALL - OR 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT ALL UNSUPPORTED PANEL EDGES & EDGE
- ALL EXT. WALLS SHALL BE CONTINUOUSLY SHEATHED AND ARE CONSIDERED SHEAR WALLS.
- ALT, STAPLE CONNECTION SPEC: 1 3/4" 16 GA STAPLES (1/6" CROWN) @ 3" O.C. AT EDGES \$ @ 6" O.C IN FIELD.

### 3" O.C. EDGE NAILING

AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING W 2 3 × 0.113 NAILS @ 3" O.C. AND 12" O.C. IN THE PANEL FIELD NO STAPLE ALTERNATIVE AVAILABLE AT THIS SPEC. ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY (LONG DIRECTION PARALLEI TO STUD) AND INSTALLED FULL HEIGHT OF SHEAR WALL - OR - 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT UNSUPPORTED PANEL EDGES AND 3" O.C. EDGE FASTENING

### **NOTES**

- SEE CONNECTION SPECIFICATIONS CHART FOR STANDARD SHEAR TRANSFER DETAILING. IF ADDITIONAL CAPACITY IS REQUIRED BY DESIGN. T WILL BE SPECIFICALLY NOTED ON PLAN.
- DESIGN ASSUMES 16" O.C MAX. STUD SPACING, U.N.O.
- ALL STRUCTURAL PANELS ARE TO BE DIRECTLY APPLIED TO STUD FRAMING.
- PRE-MANUFACTURED PANELIZED WALLS: FASTEN TOGETHER END STUDS OF WALL PANELS SHEATHED W/ OSB OR PLYWOOD W/ 3" x 0.120 NAILS @ 4" O.C. (THRU ONE SIDE ONLY)

INDICATES EXTENT OF INT. OSB SHEARWALL, AND/OR 3" O.C. EDGE NAILING

INDICATES HOLDOWN

### FLOOR FRAMING

- I-JOISTS SHALL BE DESIGNED BY MANUE TO MEET OR EXCEED L/480 LIVE LOAD DEFLECTION CRITERIA, (EXCLUDES STONE/MARBLE OR WET BED CONSTRUCTED FLOORS - CONTACT M&K FOR EXCLUDED FLOOR DESIGNS)
- PER THE GUIDELINES OF THE TILE COUNCIL OF NORTH AMERICA (TCNA HANDBOOK), IT SHALL BE THE FLOOR FINISH INSTALLER'S RESPONSIBILITY TO VERIFY THAT THE FINISHES TO BE INSTALLED MATCH THE DESIGN CRITERIA NOTED ABOVE (UNDER "DESIGN LOADS")
- FLOOR SYSTEMS & SHEATHING HAVE BEEN DESIGNED TO SUPPORT ADDITIONAL DEAD LOAD FROM CERAMIC TILE (EXCLUDING MARBLE OR STONE) HOWEVER IT SHALL BE THE FLOOR FINISH INSTALLER'S RESPONSIBILITY TO PROVIDE PROPER UNDERLAYMENT, UNCOUPLING MEMBRANE AND MORTAR/GROUT PER THE ASSEMBLY DESIGNATIONS IN THE TONA HANDBOOK (TILE COUNCIL OF NORTH AMERICA).
- AT I-JOIST FLOORS, PROVIDE I" MIN. OSB RIM BOARD.
- METAL HANGERS SHALL BE SPECIFIED BY MANUFACTURER, U.N.O. I-JOIST SHOP DWGS, SHALL BE SUBMITTED TO ARCH, & ENG. FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY.
- FLOOR SHEATHING SHALL BE 23/32" A.P.A. RATED 'STURD-I-FLOOR' 24" O.C., EXPOSURE I (OR APPROVED EQUAL) WITH TONGUE AND GROOVE EDGES. FASTEN TO FRAMING MEMBERS W/ GLUE AND
- $2\frac{1}{2}$ "  $\times$  0.131" NAILS @ 6"o.c. @ PANEL EDGES & @ 12"o.c. FIELD.
- x 0.120" NAILS @ 4" O.C. @ PANEL EDGES & @ 8" O.C. FIELD - 2 🖁 × 0.113" NAILS @ 3" O.C. @ PANEL EDGES & @ 6" O.C. IN FIELD.

### ROOF FRAMING

- ROOF SHEATHING SHALL BE 7/16" A.P.A. RATED SHEATHING 24/16 EXPOSURE I (OR APPROVED EQUAL). FASTEN TO FRAMING MEMBERS w/ 2 ½" x 0.131" NAILS @ 6"o.c. @ PANEL EDGES € @ 12" O.C. FIELD.
- w/ 2 3 × 0.120 NAILS @ 4 O.C. @ PANEL EDGES & @ 8 O.C. FIELD. - w/ 2 3 × 0.113" NAILS @ 3"o.c. @ PANEL EDGES \$ @ 6" O.C. FIELD.
- WITHIN 48" OF ALL ROOF EDGES, RIDGES, & HIPS FASTEN ROOF SHEATHING FIELDS PER EDGE NAILING SPEC.
- FASTEN EACH ROOF TRUSS TO TOP PLATE W USP RTTA CLIP (OR APPROVED EQUAL) @ ALL BEARING POINTS. PROVIDE (2) RTTA CLIPS AT 2-PLY GIRDER TRUSSES, (3) RTTA CLIPS AT 3-PLY GIRDER TRUSSES & ROOF BEAMS - AT ALL BEARING POINTS.
- METAL HANGERS SHALL BE SPECIFIED BY THE MANUFACTURER, U.N.C
- ROOF TRUSS SHOP DWGS. SHALL BE SUBMITTED TO ARCH & ENG. FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY ERECT AND INSTALL ROOF TRUSSES PER WTCA & TPI'S BCSI I "GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES."
- SUPPORT SHORT SPAN ROOF TRUSSES W/2x4 LEDGER FASTENED TO FRAMING w/(2) 3" x 0.120" NAILS @ 16" O.C. (UP TO T' SPAN).

### MEANS & METHODS NOTES

AFTER THE BUILDING IS FINISHED AND ALL PLAN, DETAIL, AND NOTE SPECIFICATIONS HAVE BEEN COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURES AND SEQUENCE TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO THE ADDITION OF NECESSARY SHORING SHEETING TEMPORARY BRACING, GUYS, AND TIE-DOWNS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING AND BRACING REQUIRED TO TABILIZE AND PROTECT EXISTING AND ADJACENT STRUCTURES AND SYSTEMS DURING COURSE OF DEMOLITION AND CONSTRUCTION OF

TRUCTURAL DESIGN AND SPECIFICATIONS ASSUME THAT ALL SUPPORTING AND NON-SUPPORTING ELEMENTS IN CONTACT WITH LOOR FRAMING ARE LEVEL, INCLUDING, BUT NOT LIMITED FOUNDATIONS, SLABS ON GRADE, BEAMS, WALLS, AND NON-BEARING ELEMENTS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIF LEVELNESS AND MAKE ADJUSTMENTS AS NECESSARY, INCLUDING CONSIDERATION OF THOSE AREAS THAT MAY BE WITHIN CONTRACTUAL, INDUSTRY, OR WARRANTY TOLERANCES.

### GENERAL STRUCTURAL NOTES

- DESIGN IS BASED ON 2018 NGSBC-RESIDENTIAL CODE
- WOOD FRAME ENGINEERING IS BASED ON NDS, "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" - LATEST EDITION.
- DESIGN LOADS ROOF

LIVE = 20 PSF DEAD = 7 PSF T.C., 10 PSF B.C. LOAD DURATION FACTOR = 1.25

FLOOR LIVE = 40 PSF (30 PSF @ SLEEPING AREAS) DEAD = 10 PSF (1-JOISTS)

ADD'L IO PSF @ CERAMIC TILE IN BATHS & LAUND.

2,000 PSF ASSUMED ALLOWABLE BEARING PRESSURE (TO BE VERIFIED BY BUILDER)

### GENERAL FRAMING

- CONNECTIONS TABLE (IRC TABLE R602.3(1)) OR ON PLANS. ALL NAILS SPECIFIED ARE MIN DIAMETER AND LENGTH REQUIRED FOR CONNECTION, ALL HANGER NAILS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS FOR MAX CHARTED CAPACITY. NOTE: HANGERS USE COMMON NAIL DIAMETERS NOT TYPICAL
- EXT. & INT. BEARING WALLS SHALL BE 2x4 OR 2x6 (AS SHOWN ON PLANS) @ 16" O.C. SPF/SP "STUD" GRADE LUMBER, OR BETTER, U.N.O WALLS OVER 12' TALL SHALL BE PER PLAN.
- ALL INTERIOR BEARING WALLS ARE ASSUMED TO BE SHEATHED W/ GYP WALL BOARD (ONE SIDE MIN.) OR PROVIDE MID HT. BLOCKING.
- ALL HEADERS, BEAMS & OTHER STRUCTURAL MEMBERS SHALL BE SPRUCE-PINE-FIR #2 (SPF) OR SOUTHERN PINE #2 (SP) LUMBER, OR BETTER, SUPPORT ALL HEADERS/ BEAMS W/ (1)2x JACK STUD & (1)2x
- THE NUMBER OF STUDS SPECIFIED AT A SUPPORT INDICATES THE NUMBER OF JACK STUDS REQUIRED, U.N.O..

(I)2x4/6 FLAT @ OPENINGS UP TO 4', (2)2x4/6 FLAT UP TO 8'.

- ALL NON-BEARING INTERIOR STUD WALLS SHALL BE CONSTRUCTED WITH 2x 'STUD' GRADE MEMBERS SPACED @ 24" O.C. (MAX., U.N.O.) . HEADERS IN NON-LOAD BEARING WALLS SHALL BE
- ALL FRAMING LUMBER SHALL BE DRIED TO 15% MC (KD-15)
- ENGINEERED LUMBER BEAMS TO MEET OR EXCEED THE FOLLOWING: • 'LVL' - Fb=2600 psi; Fv=285 psi; E=2.0x10^6 psi
- ENGINEERED LUMBER POSTS TO MEET OR EXCEED THE FOLLOWING:
   'LVL' Fb=2400 psi; FcII=2500 psi; E=I.8xI0^6 psi
- FOR 2 & 3 PLY BEAMS OF EQUAL 13/4" MAX, WIDTH, FASTEN PLIES TOGETHER WITH 3 ROWS OF 3"XO.120" NAILS @ 8" O/C OR 2 ROWS USP WS35 SCREWS (OR 31/3" TRUSSLOK SCREWS) @ 16" O/C, USE A MINIMUM OF 4 ROWS FOR BEAM DEPTHS OF 14" OR GREATER.

  APPLY FASTENING AT BOTH FACES FOR 3-PLY CONDITION. LOCATE TOP & BOTTOM NAILS/SCREWS 2" FROM EDGE. SOLID 3  $\frac{1}{2}$ " OR 5  $\frac{1}{4}$ 4 BEAMS ARE ACCEPTABLE. USE 2 ROWS OF NAILS FOR 2x6 & 2x8
- FOR 4 PLY BEAMS OF EQUAL 13/4" MAX, WIDTH, FASTEN PLIES TOGETHER WITH 3 ROMS OF USP WS6 SCREWS (OR 6 3/4" TRUSSLOK SCREWS) @ 16" O/C. USE A MINIMUM OF 4 ROWS FOR BEAM DEPTHS OF 14" OR GREATER. APPLY FASTENING AT BOTH FACES (ONE SIDE ONLY FOR TRUSSLOK SCREWS). LOCATE TOP AND BOTTOM SCREWS 2" FROM EDGE, A SOLID T" BEAM IS ACCEPTABLE.
- PROVIDE SOLID BLOCKING IN FLOOR SYSTEM UNDER ALL POSTS CONTINUOUS TO FND./BEARING. BLOCKING TO MATCH POST ABOVE.
- ALL EXTERIOR 4x4 WOOD POSTS SHALL HAVE USP BCS22-4 CAP & PA44E BASE, U.N.O.

HOLD-DOWN SCHEDULE		
SYMBOL	SPECIFICATION	
HD-I	USP HTT45 HOLD-DOWN W/ STBI6 ANCHOR BOLT *	
HD-2	USP STADI4 HOLD-DOWN STRAP	
HD-3	USP MSTC40 HOLD-DOWN STRAP	

### ALTERNATIVE TO STBIG ANCHOR BOLT SPECIFICATION:

ANCHOR HOLD-DOWN UTILIZING THREADED ROD (REFER TO USP SPECIFICATION FOR ANCHOR DIAMETER), FROXY-SET INTO CONCRETE FOUNDATION W/ USP CIA-GEL TOOO EPOXY SYSTEM PER MANUF. RECOMMENDATIONS. CONC. FOUND. - PROVIDE 9" MIN. EMBEDMENT INTO CONCRETE.

DO NOT LOCATE EPOXY-SET ANCHORS WITHIN I <sup>3</sup>4" OF FACE OF CONCRETE FOUNDATION. CMU FOUND. - PROVIDE I2" MIN. EMBEDMENT INTO SOLID GROUTED CELLS. DO NOT LOCATE EPOXY-SET ANCHORS WITHIN 3"

OF EDGE OF CMU FOUNDATION. HARRINGTON

₋ot 46

MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERINS

C-3825



Mulhern+Kulp project numbe 256-2101

SMK ILM issue date: 02-21-2022

REVISIONS

initial: KΜ\ SMM

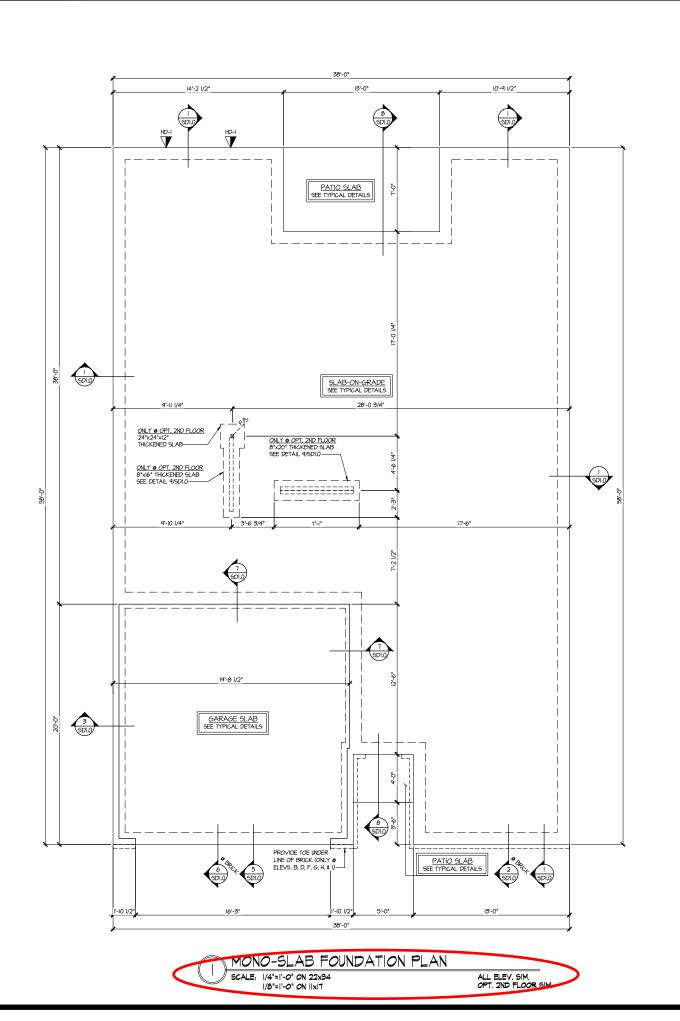
> $\overline{\mathbb{Q}}$ SMITH DOUC HOMES

STRUCTURAL NOTES

MODE ZONI WIND  $\Gamma E Y$ 

120 N

GENERAL BR





MULHERN + KULP

RESIDENTIAL STRUCTURAL ENGINEERING

RESIDENTIAL STRUCTURAL ENGINEERING

FIGHT SELVE ST



Mulhern+Kulp project number:

256-2101

SMK MJF issue date: 02-21-2022

REVISIONS:

KMV SMM

SMITH DOUGLAS HOMES

REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

**HARRINGTON** 

### HOLD-DOWN SCHEDULE

SYMBOL	SPECIFICATION
HD-I	USP HTT45 HOLD-DOWN W/ STBI6 ANCHOR BOLT *
HD-2	USP STADI4 HOLD-DOWN STRAP
HD-3	USP MSTC40 HOLD-DOWN STRAP

### ALTERNATIVE TO STBI6 ANCHOR BOLT SPECIFICATION:

\* ANCHOR HOLD-DOWN UTILIZING THREADED ROOT (REFER TO USP SPECIFICATION FOR ANCHOR DIAMETER). EPOXY-SET INTO CONCRETE FOUNDATION W USP CIA-GEL TOOO EPOXY SYSTEM PER MANJE. RECOMMENDATIONS.

CONC. FOUND. - PROVIDE 4" MIN. EMBEDMENT INTO CONCRETE.

DO NOT LOCATE EPOXY-SET ANCHORS WITHIN 1 34" OF FACE OF CONCRETE FOUNDATION.

CM FOUND. - PROVIDE 12" MIN. EMBEDMENT INTO SOLID GROUTED CELLS. DO NOT LOCATE EPOXY-SET ANCHORS WITHIN 3" OF EDGE OF CMU FOUNDATION.

R.T. NDICATES ROOF TRUSSES @ 24" O.C. PER ROOF. MANUF. (TYP. U.N.O.)

OF. INDICATES TRUSS OVERFRAMING @ 24" O.C. (TYP. U.N.O.)

D.J. NDICATES 2x8 P.T. DECK JOISTS @ 16" O.C. (MAX.)

INDICATES LOCATIONS OF POTENTIAL TILE FLOOR.

JOIST MANUFACTURER SHALL DESIGN FLOOR

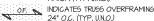
SYSTEM FOR ADD'L 10 PSF DEAD LOAD AT THESE LOCATIONS.

• CTTT BEARING WALL ABOVE (B.W.A.)

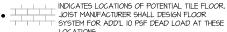
• --- BEAM/HEADER

### LEGEND

\_ot 46







INTERIOR BEARING WALL

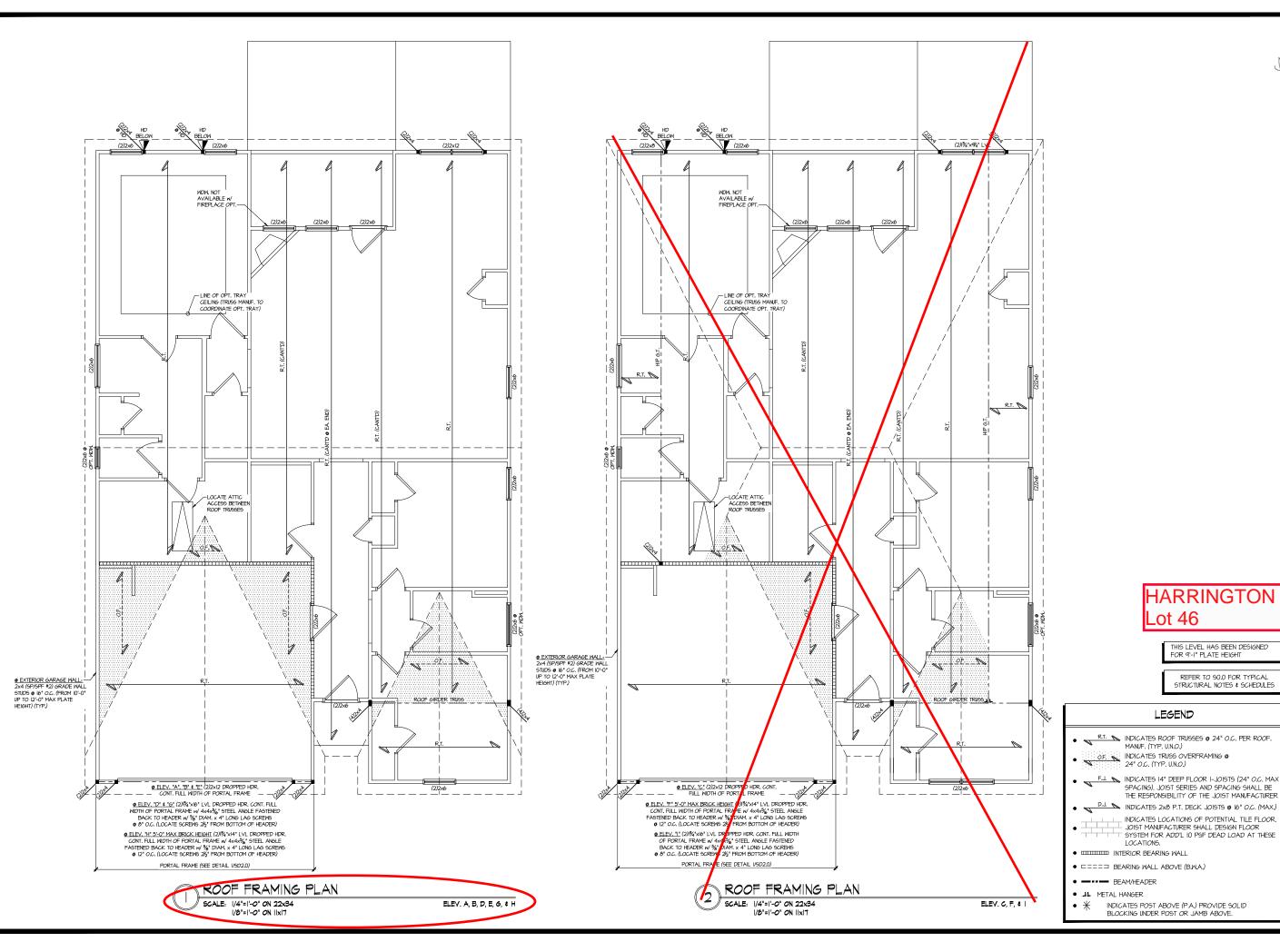
INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

BRADLEY MONO-SLAB

120 MPH WIND ZONE NORTH CAROLINA

MODEL

FOUNDATION



5/1/23

MULHERN+KULP RESIDENTIAL STRUCTURAL ENGINEERING 2855 Brackside Perkway, Suhr 1965 - Agina 29778-777-8974 - mathemicalpour NC License # C-3825

Mulhern+Kulp project number:

256-2101

SMK MJF issue date: 02-21-2022

REVISIONS:

initial: KMV SMM

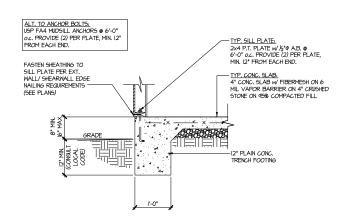
SMITH DOUGLAS HOMES

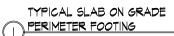
MODE PLAN ADLEY

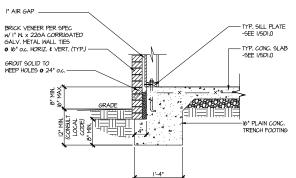
120 MPH WIND ZONE NORTH CAROLINA

FRAMING ROOF BR

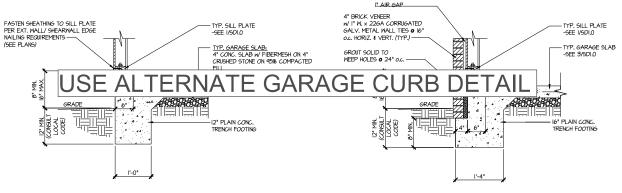
**S3.0M** 





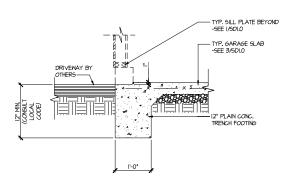




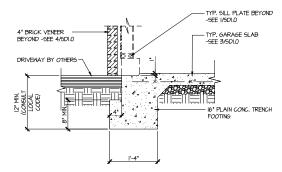


TYPICAL SLAB ON GRADE GARAGE 3 PERIMETER FOOTING

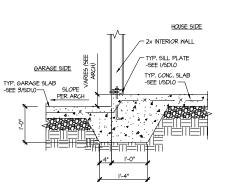




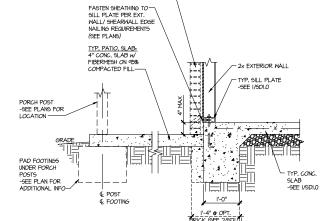
TYPICAL SLAB ON GRADE GARAGE (5) ENTRY @ PERIMETER FOOTING



TYPICAL SLAB ON GRADE GARAGE (6) ENTRY @ PERIMETER FOOTING

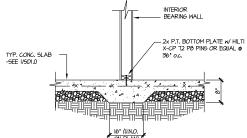


TYPICAL MONOLITHIC INTERIOR GARAGE FOOTING

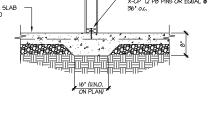


OPT. BRICK (SEE ARCH FOR LOCATIONS)

TYPICAL SLAB ON GRADE PERIMETER FOOTING @ PORCH/PATIO



TYPICAL THICKENED SLAB @ 9 INTERIOR BEARING WALL



**HARRINGTON** Lot 46

5/1/23

MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERINS 265 Strackaide Parkvey, Suite 265 • Agina 2-78-77-4804 • menhanicapasen NC License # C-3825

Mulhern+Kulp project number: 256-2101

SMK drawn by: MJF issue date: 02-21-2022

REVISIONS:

initial: KMV SMM

SMITH DOUGLAS HOMES

MODE FOUNDATION DETAILS

ZONE WIND CAROLI ADLEY 120 MPH V BR

**SD1.0** 



## MULHERN+KULP RESIDENTIAL STRUCTURAL ENGINEERING

3625 Brookside Parkway, Suite 165, Alpharetta, GA 30022 🔻 p 770-777-0074 🔻 mulhernkulp.com

August 18, 2023

lody Hunt

Director of Product Development

### **SMITH DOUGLAS HOMES**

110 Village Trail, Suite 215 Woodstock, GA 30188

## **ALTERNATE GARAGE CURB DETAIL**

### Smith Douglas Homes

### Reference

Current Structural Plans prepared by Mulhern & Kulp

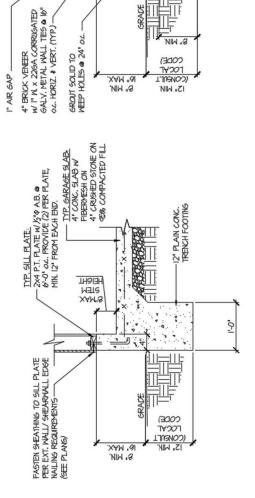
Jody:

Pursuant to your request, we have prepared this letter to address the "Alternate Garage Curb Details", prepared by Mulhern & Kulp for these are an acceptable alternative to the 6" wide curb at the garage per M&K foundation details 3 & 4 on sheet SD-1.0 at 2x4 garage Smith Douglas Homes shown below. The foundation details shown below call for a 4" wide curb with a maximum of 8" stem wall height; wall locations.

TYP. SILL PLATE.

2x4 P.T. PLATE W/K'O A.B. (B)
6'-O'. OZ. PRZVIDE (2) PER PLATE,
MIN. 12" FROM EACH BND.

8"MAX. STEM HEIGHT



.XAM "&I

NIM .8

CODE) 1007 (CON€0LT 12" MIN.

m TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING

Please feel free to call if you have any questions.

1

A/ BRICK VENER TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING

MANDER

Respectfully,

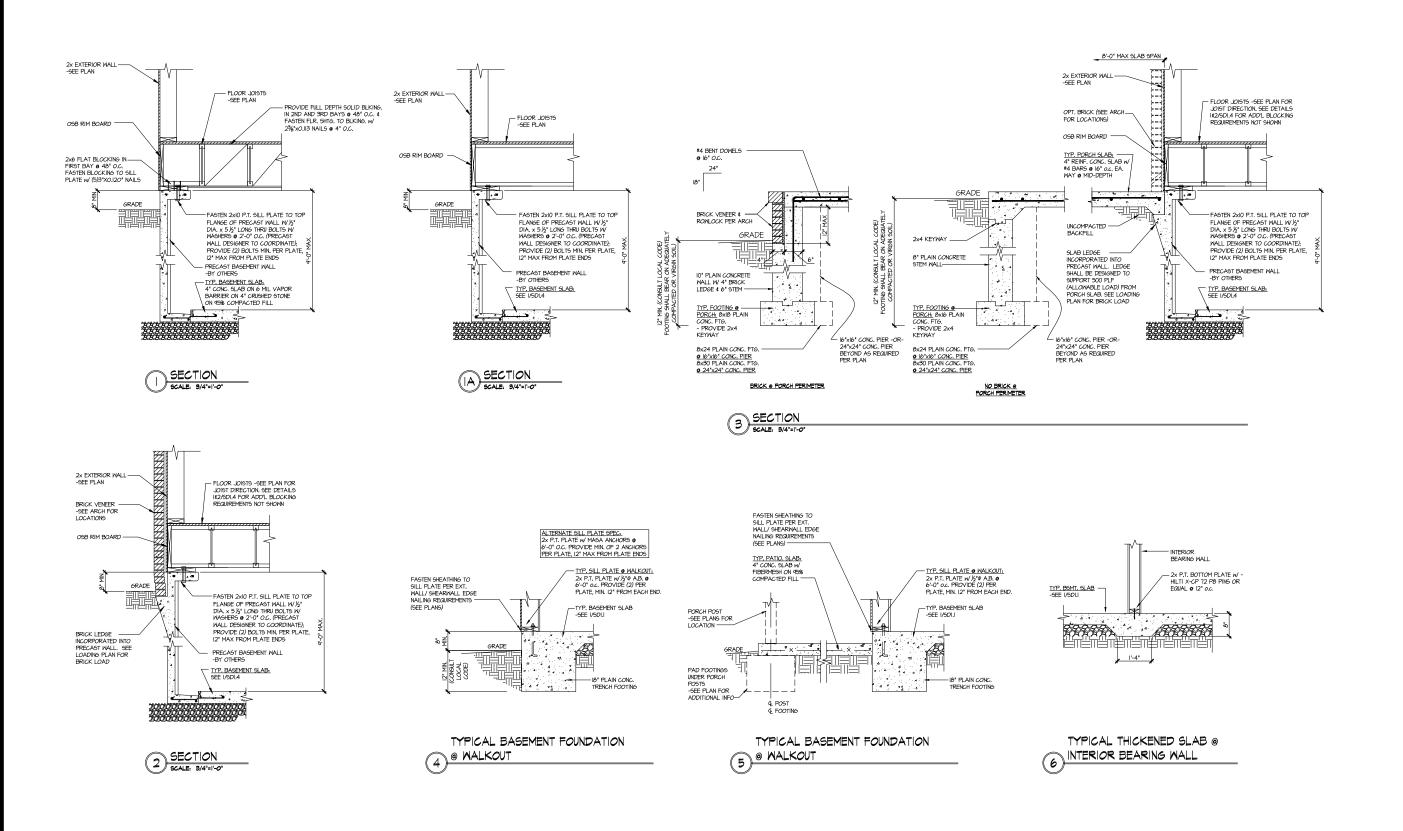
# **MULHERN & KULP STRUCTURAL ENGINEERING, INC.**

NC License # C-3825

Project Manager + Atlanta Office Director Shaun M. Kreidel, P.E.



P:|Client Files|256 - Smith Douglas Homes|2023|23000 - 2023 Client Admin|2023-08-17 - 4in Garage Curb Letter|Alternate Garage Curb Detail - Letter - NC.docx



SEAL SEAL CAPTER & MULP Coopyright: MULHERN & MULP Structural Engineering, Inc.

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RESIDENTIAL STRUCTURAL
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PARTICULAR STRUCTURAL STRUCTURAL

Mulhern+Kulp project number: 256-2101

project mgr: SMK drawn by: MJF issue date: 02-21-2022

REVISIONS:

date: initial:
03/09/2022 KMV
MROORD PLAN ADDED
08/11/1/2022 SMM
UPDATE PER ARCH COMPENTS

SMITH DOUGLAS HOMES

SMITH DC

FOUNDATION DETAILS
BRADLEY MODEL

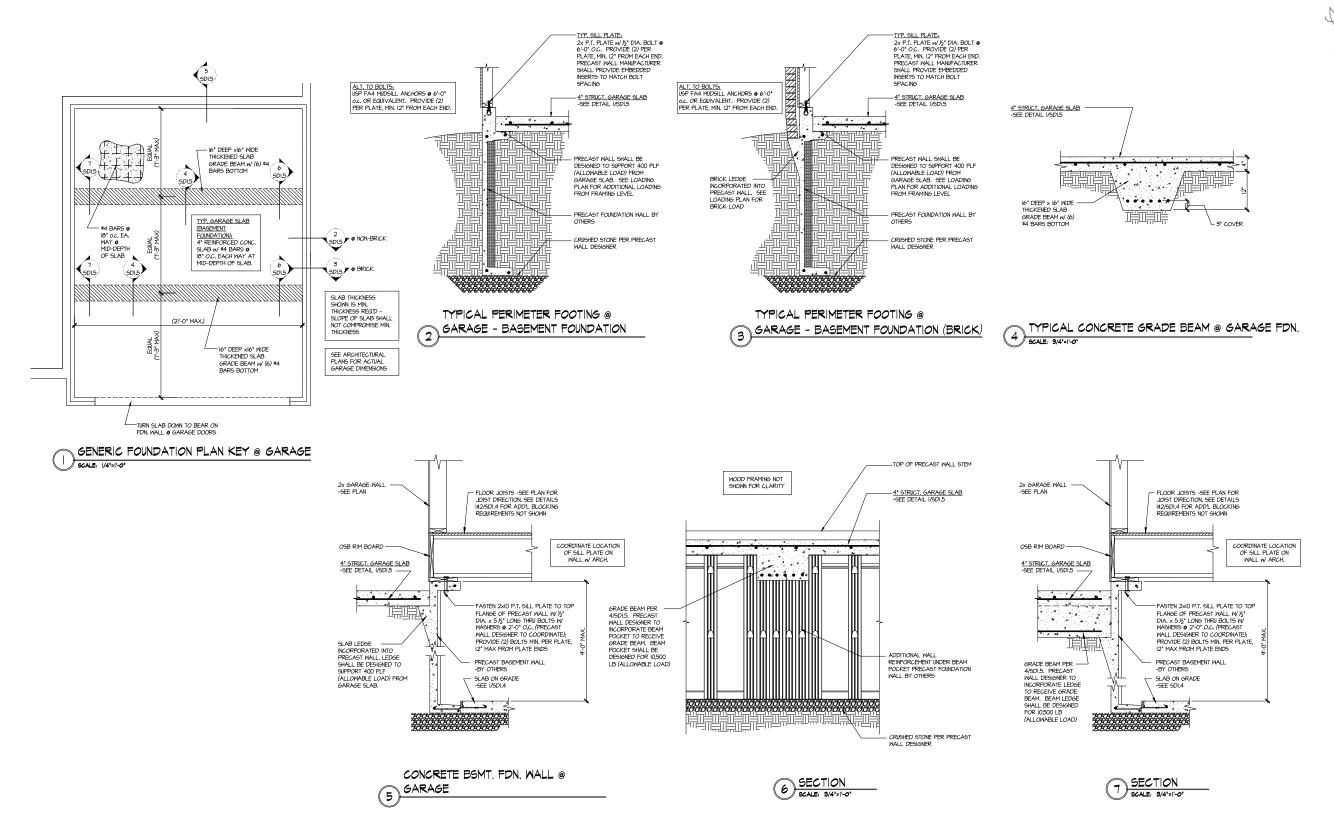
120 MPH WIND ZONE NORTH CAROLINA

sheet:

HARRINGTON

\_ot 46

SD1.4



HARRINGTON Lot 46 SEAL METERS & KULP

(C) copyright: MULHERN & KULP

Snoctural Engineering, Inc.

5/1/23

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RESIDENTIAL STRUCTURAL ENGINEERINS
RESEMBLICKWAY, SOR IN-VARIAL, SA 2007
P. TATHERIA V. M. C. AND C. S. AND C. S.

Mulhern+Kulp project number: 256-2101

project mgr: SMK drawn by: MJF issue date: 02-21-2022

REVISIONS:

date: initial:

03/09/2022 KMV
MIRRORED PLANS ADDED
08/11/2022 SMM
UPDATE HER ARCH COMMENTS

SMITH DOUGLAS HOMES

TIMS

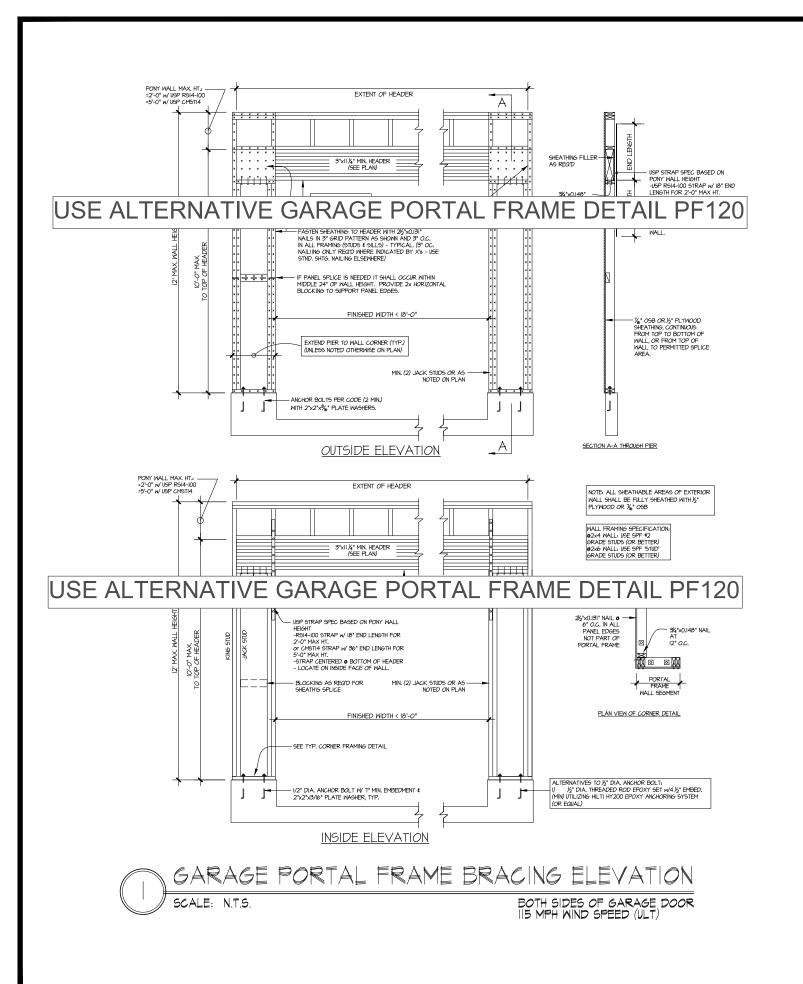
FOUNDATION DETAILS

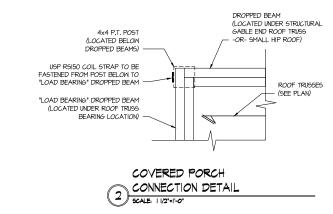
BRADLEY MODEI

120 MPH WIND ZONE
NORTH CAROLINA

sheet:

SD1.5





5/1/23

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Mulhern+Kulp project number: 256-2101

SMK MJF issue date: 02-21-2022

REVISIONS:

KMV SMM

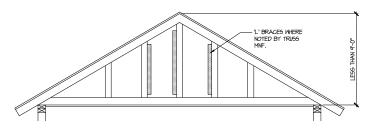
SMITH DOUGLAS HOMES

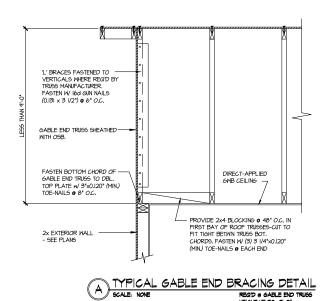
MODE

120 MPH WIND ZONE NORTH CAROLINA FRAMING DETAILS BRADLEY

**SD2.0** 

HARRINGTON Lot 46





BRACE GABLE END TRUGGES PER ABOVE DETAIL WHEN GABLE HEIGHT IS LESS THAN 9'-0'. 'L' BRACES REQUIRED WHERE NOTED BY TRUGS MANUFACTURER. GABLE END TRUSS

2x4 HORIZ, FASTEN W (4)

3\*X0120\* MINU TO EACH
GABLE TRUSS VERTICAL

2x6 DIAS. BRACE (W 2x4

T-BRACE IF LENSTH EXCEEDS 6),
SPACED 8 4-0\* O.C. MAX, FASTEN
2x4 TO 2x6 W 3\*X0120\* MINU NAILS

2x6 DIAS. BRACE (W 12x4

T-BRACE IF LENSTH EXCEEDS 6),
SPACED 9 4-0\* O.C. MAX, FASTEN
2x4 TO 2x6 W 3\*X0120\* MINU NAILS

3\*X0120\* MINU TOE-NAILS

6ABLE END TRUSS SHEATHED
WITH OSB.

FASTEN BOTTOM CHORD OF
GABLE END TRUSS SHEATHED
WITH OSB.

FASTEN W (4)

3\*X0120\* MINU TOE-NAILS

6ABLE END TRUSS SHEATHED
WITH OSB.

FASTEN W (4) 3\*X0120\* MINU
TOE-NAILS

6ABLE END TRUSS SHEATHED
WITH OSB.

FASTEN W (4) 3\*X0120\* MINU
TOE-NAILS

6ABLE END TRUSS SHEATHED
WITH OSB.

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TOE-NAILS

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TOE-NAILS

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WITH OSB.

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TOE-NAILS

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WITH OSB.

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FASTEN W (4) 3\*X0120\* MINU
TOE-NAILS

6ABLE END TRUSS SHEATHED
WITH OSB.

FASTEN W (4) 3\*X0120\* MINU
TOE-NAILS

6ABLE EN

BRACE GABLE END TRUSSES PER ABOVE DETAIL WHEN GABLE HEIGHT EXCEEDS 9'-0'. "L' BRACES NOT REQUIRED.

B TYPICAL GABLE END BRACING DETAIL SCALE. NONE REGID & GABLE END TRUGG

- STRONG-BACK • MID-HEIGHT FOR DIAG. BRACES

LETTERED DETAILS ARE TYPICAL FOR THIS HOME & SHALL BE IMPLEMENTED IN ALL APPLICABLE AREAS. THESE DETAILS ARE NOT "CUT" ON THE PLANS.

NUMBERED DETAILS ARE PLAN SPECIFIC AND ARE ONLY REQUIRED WHERE SPECIFICALLY INDICATED ("CUT") ON THE PLANS.

> HARRINGTON Lot 46

MULHERN+KULP

RESIDENTIAL STRUCTURAL ENSINEERINS

SERVICE PRIVATIVAL SERVICES EN ADDRESS EN ADDRESS

Mulhern+Kulp project number: 256-2101

project mgr: SMK drawn by: MJF

issue date: 02-21-2022

REVISIONS:

date: initial:

03/09/2022 KMV
MRRORED PLANS ADDED

08/17/2022 SMM
UPDATE PER ARCH COMPENTS

SMITH DOUGLAS HOMES

FRAMING DETAILS
BRADLEY MODEL

sheet:

SD2.1

120 MPH WIND ZONE NORTH CAROLINA





3625 Brookside Parkway, Suite 165, Alpharetta, GA 30022 🔻 p 770-777-0074 🔻 mulhernkulp.com

July 28, 2023

lody Hunt

Director of Product Development

### **SMITH DOUGLAS HOMES**

110 Village Trail, Suite 215 Woodstock, GA 30188

## **ALTERNATE GARAGE PORTAL FRAME DETAIL**

Smith Douglas Homes

**Reference** "Alternate Garage Portal Frame Detail" on sheet PF-120 & PF-130, prepared by Mulhern & Kulp dated 07/28/2023 - attached

Jody:

Pursuant to your request, we have prepared this letter to address the "Alternate Garage Portal Frame Detail", prepared by Mulhern & Kulp for Smith Douglas Homes.

Detail" on sheet "PF-130" is an acceptable alternative portal frame design for anywhere in North Carolina with a wind speed less than The "Atternate Garage Portal Frame Detail" on sheet "PF-120" is an acceptable alternative portal frame design for anywhere in North The "Alternate Garage Portal Frame or equal to 130mph ultimate wind speed per ASCE 7-16. These details only apply to structural plans that have been designed by Mulhern& Kulp. It is the responsibility of "SDH" to provide the correct "Alternate Garage Portal Frame Detail", to the building Carolina with a wind speed less than or equal to 120mph ultimate wind speed per ASCE 7-16. department that matches the jurisdiction's wind speed requirements.

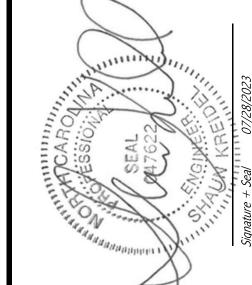
Please feel free to call if you have any questions.

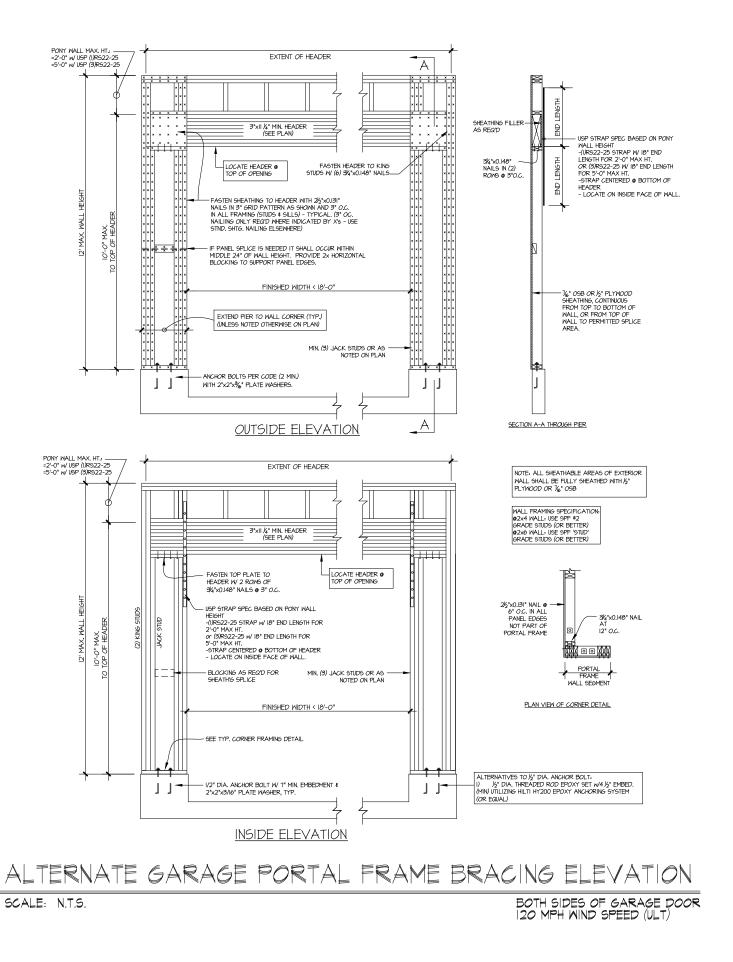
Respectfully,

# **MULHERN & KULP STRUCTURAL ENGINEERING, INC.**

NC License # C-3825

Project Manager + Atlanta Office Director Shaun M. Kreidel, P.E.



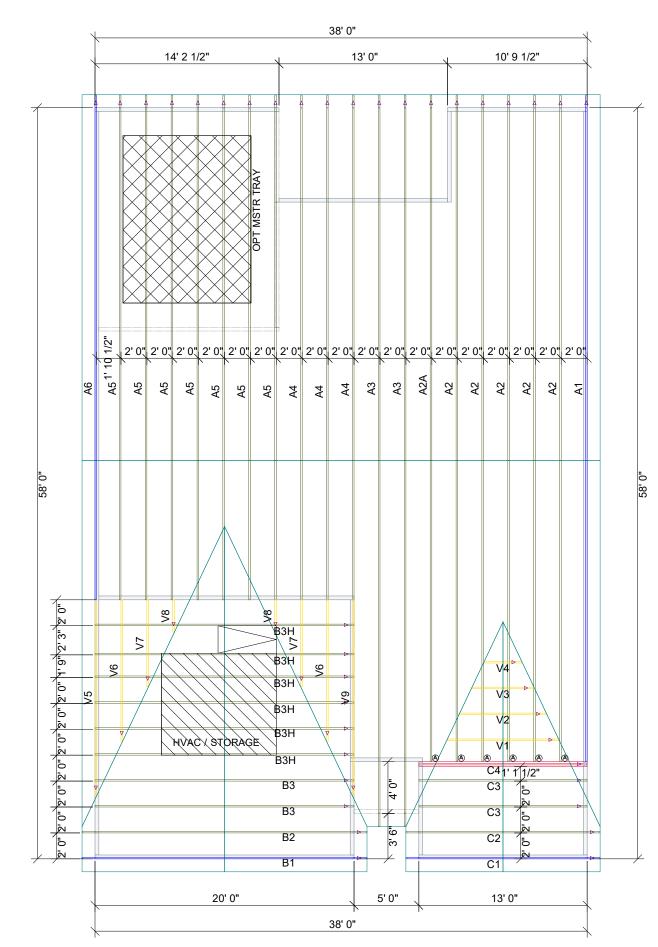


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PASSESSERIT: MAINTINGS. P. ANDERS N. SERVER. P. ANDERS N. SERVER Mulhern+Kulp project number: 256-23000 SMK RAP issue date: 07.28.2023 REVISIONS: initial: SMITH DOUGLAS HOMES FRAME PORTAL FRAME ALTERNATE PORTAL HARRINGTON PF-120

\_ot 46

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### 72430434 46 HARRINGTON PLACE



Roof Hanger List

QTY DESCRIPTION TYPE MARK

6 FACE MOUNT HANGER HUS26

BRADLEY RANCH ADGBEH NO TRAY

PLACEMENT PLAN

SCALE: N.T.S

UFP SITE BUILT COMMUNITIES -S RCH NO -BRADLEY ADGBEH R TRAY (LH) DESIGNER -THATHCOCK LAYOUT DATE -05.31.2023

ARCH DATE

JOB #: -MASTER