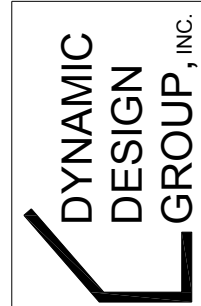


Cotton Farms Lot 10
 218 Hook Dr
 Fuquay Varina, NC



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KEN HARVEY
 PROJECT FOR: HOMES
 LOCATION: T.B.D.
 LOT: T.B.D.
 SUBD: T.B.D.
 COUNTY: T.B.D.

ABIGAIL
 PLAN NAME
 B-2926-50GL
 PLAN I.D.
 7.28.23
 DATE

A-1A
 SHEET



FRONT ELEVATION "A"
 SCALE: 3/16" = 1'-0"

- Screen Porch
- Conditioned Crawl Space
- 3 sides parged with stone on the front
- 6' windows first floor
- 10'ceilings 1st floor
- 9' ceilings 2nd floor
- Open Railing
- Zero Entry Shower



LEFT SIDE ELEVATION "A"
 SCALE: 3/16" = 1'-0"



REAR ELEVATION "A"
SCALE: 3/16" = 1'-0"



RIGHT SIDE ELEVATION "A"
SCALE: 3/16" = 1'-0"

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KEN HARVEY
HOMES
PROJECT FOR: T.B.D.
LOCATION: T.B.D.
LOT: T.B.D.
SUBD: T.B.D.
COUNTY: T.B.D.

ABIGAIL
PLAN NAME
B-2926-50GL 7.28.23
PLAN I.D. DATE

A-1A
SHEET

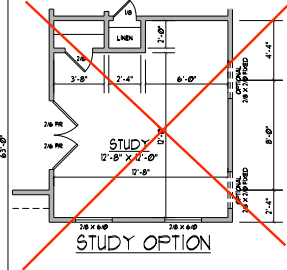
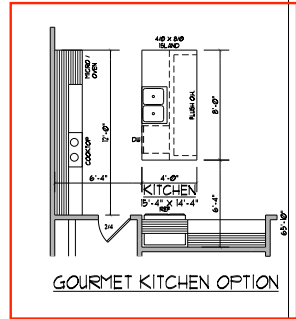
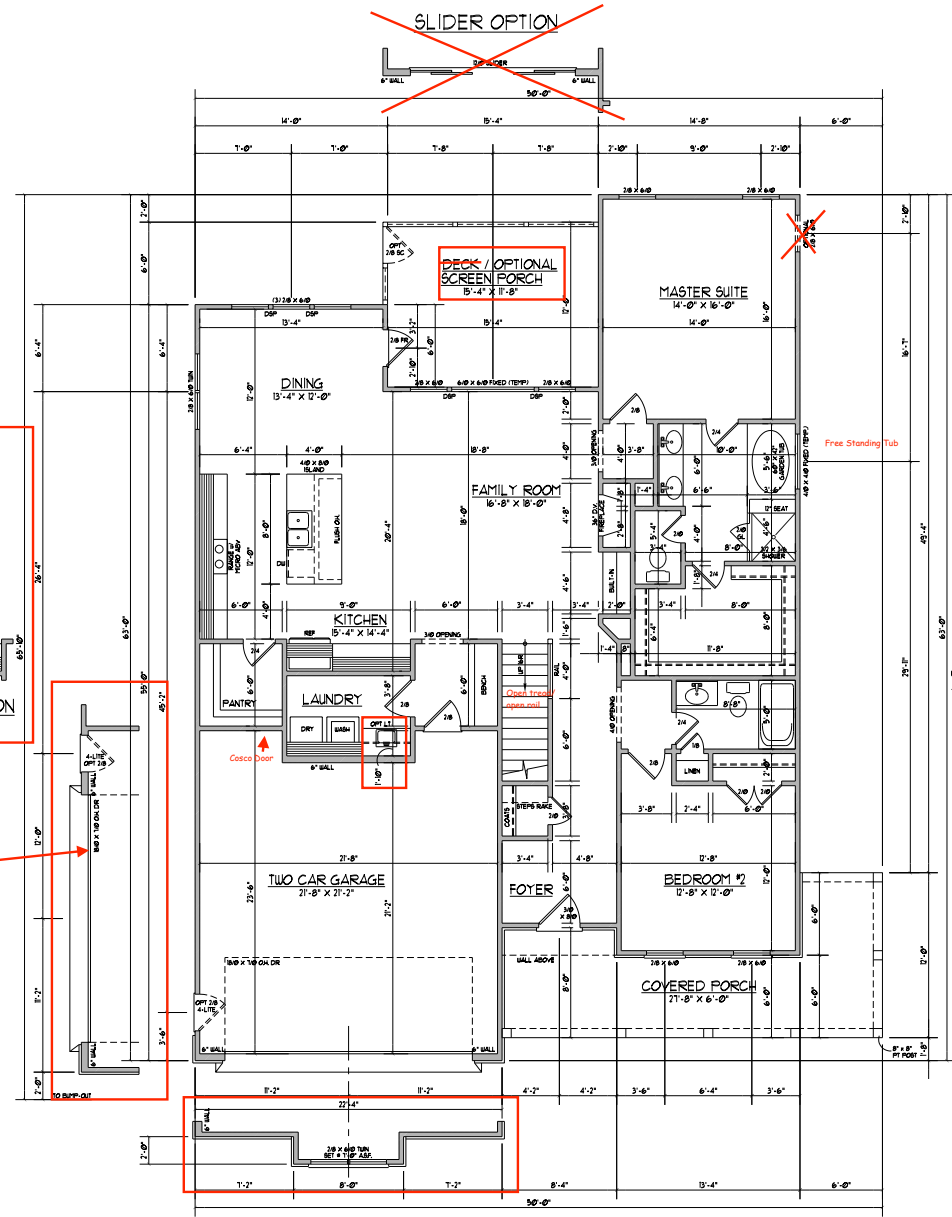
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PROJECT FOR: **KEN HARVEY HOMES**
LOCATION: **T.B.D.**
LOT: **T.B.D.**
SUBD: **T.B.D.**
COUNTY: **T.B.D.**

ABIGAIL
PLAN NAME
B-2926-50GL **7.28.23**
PLAN I.D. DATE

A-2A
SHEET

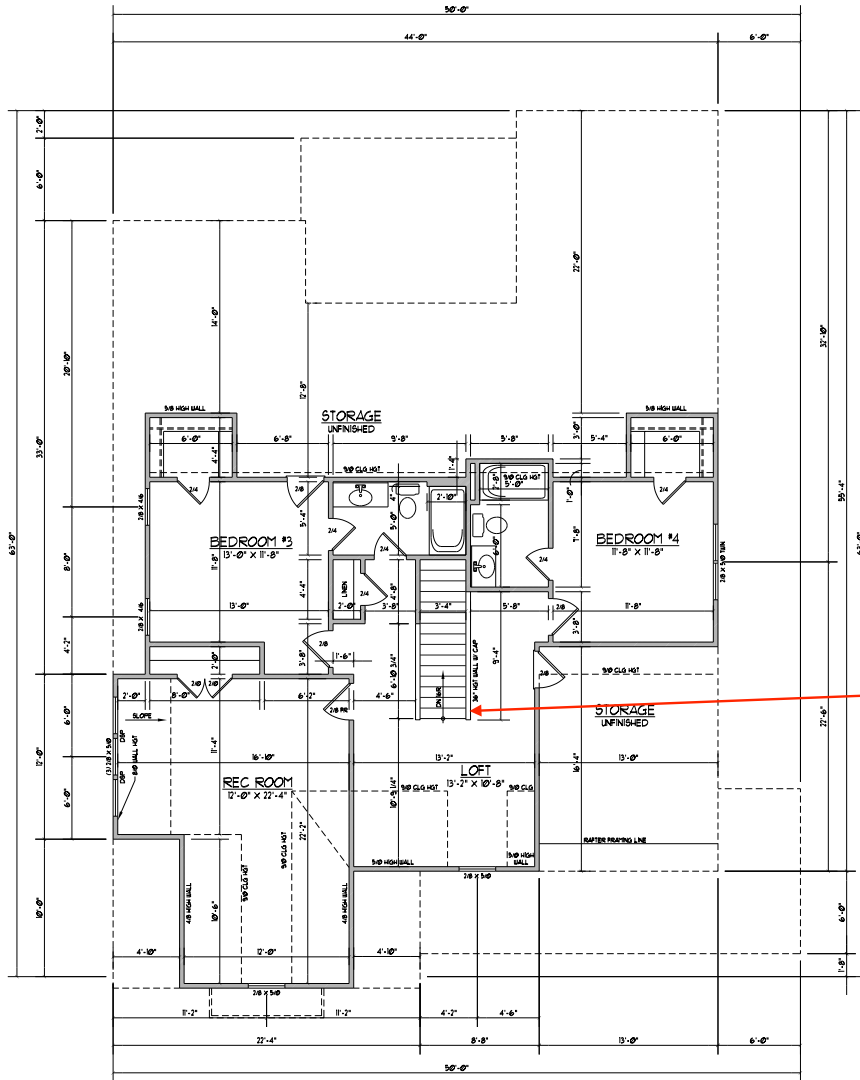


**ELEVATION "A"
FIRST FLOOR PLAN**
SCALE: 3/16" = 1'-0"

1294 HEATED SQ. FT.
2695 SQ. FT. GARAGE
276 SQ. FT. COVERED PORCH
886 SQ. FT. DECK / OPT. SCREEN PORCH

- NOTES:
- 1) 9'-0" CLG. HGT. (9' - 110" FLY. HGT.) UNLESS OTHERWISE NOTED.
 - 2) ALL WALLS DRAIN AT 4" WIDTHS
 - 3) SET WINDOWS AT 8'-0" A.S.F. UNLESS OTHERWISE NOTED.
 - 4) DIMENSIONS ARE TO FRAMING UNLESS OTHERWISE NOTED.
 - 5) CONSULT WINDOW MANUFACTURER'S SPECS. FOR ENERGY REQUIREMENTS, PRESSURE RATINGS, & ROUGH OPENING.
 - 6) ELECTRICAL LAYOUT BY BUILDER

5/0 windows



ELEVATION "A"
SECOND FLOOR PLAN
SCALE 3/16"=1'-0"

183 HEATED SQ. FT.

- NOTES:
- 1) 9'-0" CLG. HGT. (9' - 1 1/2" FLT. HGT.) UNLESS OTHERWISE NOTED.
 - 2) ALL WALLS DRAIN AT 4" WIDTHS UNLESS OTHERWISE NOTED.
 - 3) SET WINDOWS AT 1'-4" ASB. UNLESS OTHERWISE NOTED.
 - 4) DIMENSIONS ARE TO FINISH UNLESS OTHERWISE NOTED.
 - 5) CONSULT WINDOW MANUFACTURER'S SPECS FOR EGRESS REQUIREMENTS, PRESSURE RATINGS & ROUGH OPENINGS.
 - 6) ELECTRICAL LAYOUT BY BUILDER



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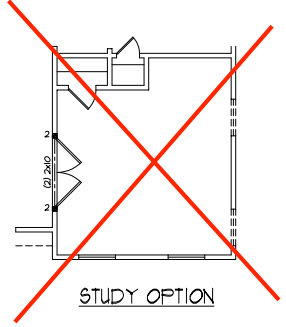
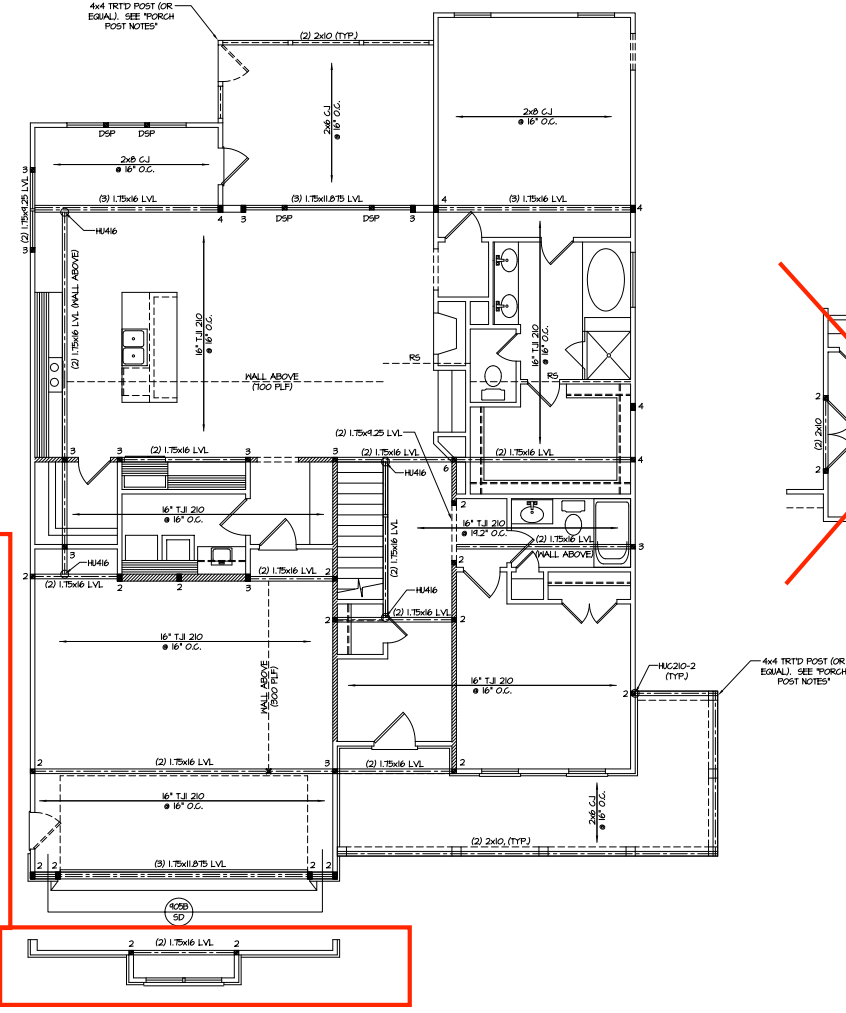
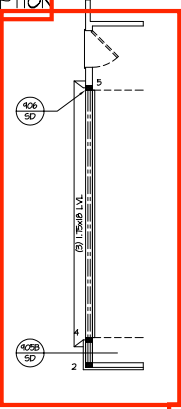
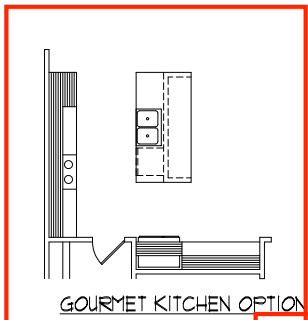
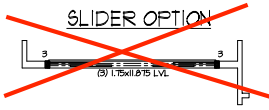
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PROJECT FOR: KEN HARVEY HOMES
LOCATION: T.B.D.
LOT: T.B.D.
SUBD: T.B.D.
COUNTY: T.B.D.

ABIGAIL
PLAN NAME
B-2926-50GL
PLAN I.D.
7.28.23
DATE

A-3A
SHEET



ELEVATION "A"
FIRST FLOOR CEILING /
STRUCTURAL PLAN
SCALE: 3/16" = 1'-0"

PROJECT #
23-1726-GL

Engineers seal applies only to structural component on this document.
Seal does not include construction means, methods, techniques, or materials.
Any deviations or discrepancies on plans are to be brought to the attention of Southern Engineers. Failure to do so will void Southern Engineer's liability.
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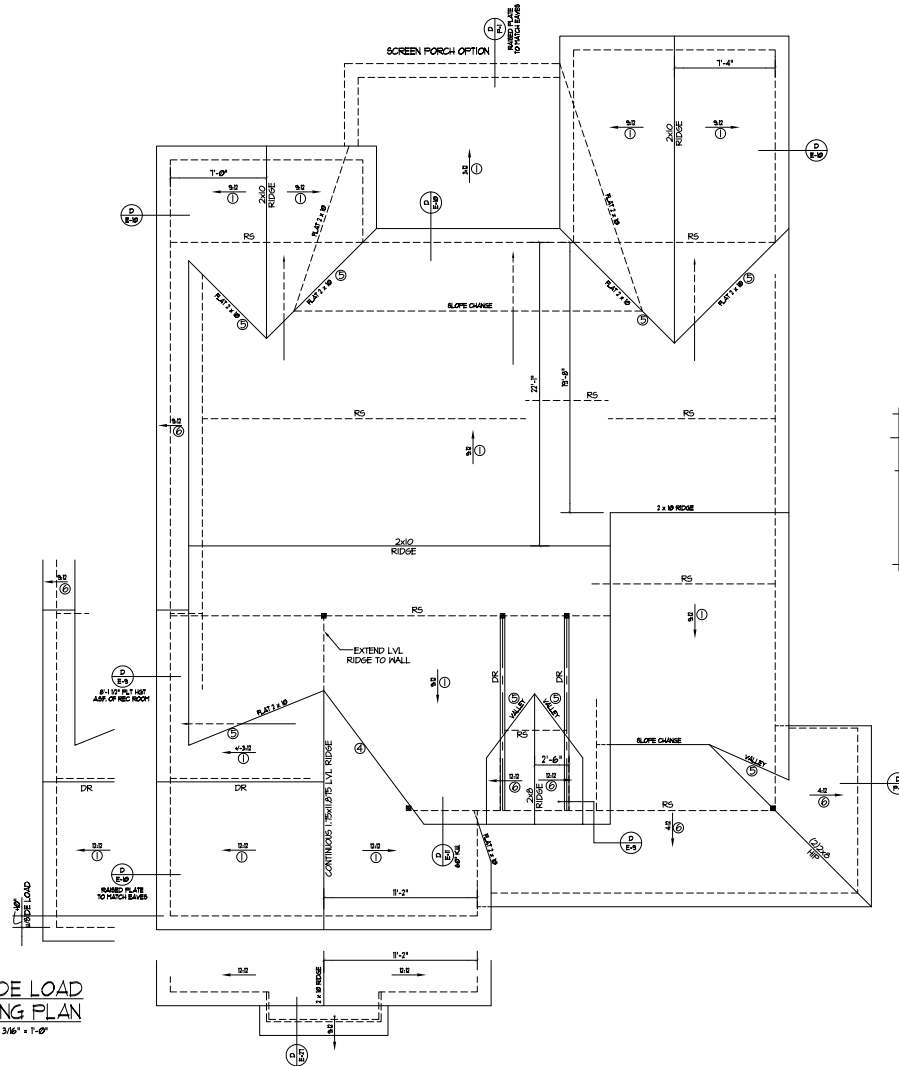
Southern Engineers, P.A.
3716 Benson Drive, Raleigh, NC 27609
Phone: (919) 878-1617
License: C-4772
www.southernengineers.com

DYNAMIC
DESIGN
GROUP

Abigail
Garage Loft
KEN HARVEY HOMES

S-2a

ELEV. "A" SIDE LOAD
ROOF FRAMING PLAN
SCALE: 3/16" = 1'-0"



ATTIC VENTILATION	
REQUIRED	36.21 SQ FT OF ATTIC / 300' = .121 SQ FT OF INLET & OUTLET
PROVIDED	
(INLET)	.47 SQ FT PER X .153 LINEAR FT. = 10.11 SQ FT. (TOTAL OF
(OUTLET)	.47 SQ FT PER X .153 LINEAR FT. = 10.11 SQ FT. (TOTAL OF
INLET	110 LINEAR FT. = 12.10 SQ FT. (TOTAL OF
OUTLET	110 LINEAR FT. = 12.10 SQ FT. (TOTAL OF
TOTAL	22.21 TOTAL SQ FT. OF VENT.

ROOF FRAMING NOTES:

NC (2018 NRCG); Wind: 115-120 mph

- ① 2x8 RAFTERS @ 16" O.C. WITH 2x10 RIDGE, UNO.
- ② (2) 2x10 OR 1.75x12.5 LVL HIP, (2) 2x10 HPS MAY BE SPLICED WITH A MIN 8'-0" OVERLAP AT CENTER.
- ③ (2) 2x10 OR 1.75x12.5 LVL VALLEY. DO NOT SLICE VALLEYS.
- ④ 1.75x12.5 LVL OR (2)1.75x12.5 LVL VALLEY
- ⑤ FALSE FRAME VALLEY ON 2x10 FLAT PLATE
- ⑥ 2x8 RAFTERS @ 16" O.C. W/ 2x8 RIDGE, UNO.
- ⑦ 2x10 RAFTERS @ 16" O.C. W/ 2x10 RIDGE, UNO.
- ⑧ EXTEND RIDGE 12" BEYOND INTERSECTION.
- "S1" = SINGLE RAFTER
- "DR" = DOUBLE RAFTER
- "TR" = TRIPLE RAFTER
- "RS" = ROOF SUPPORT
- "R" = (8) 5/8" DIA OR 3/4" POST FOR ROOF SUPPORT (USE 2x6 STUDS OR 6x6 POST FOR SUPPORT OVER 10'-0" IN HEIGHT)
- ATTACH VALLED RAFTERS WITH HURRICANE CLIPS, SIMPSON 1H-2.5A' OR EQUIVALENT. TIES TO BE INSTALLED ON THE OUTSIDE FACE OF FRAMING.
- INSTALL RAFTER TIES AND COLLAR TIES PER SECTION RB02.51 OF THE 2018 NC RESIDENTIAL CODE.

ELEVATION "A"
ROOF FRAMING PLAN
SCALE: 3/16" = 1'-0"

PROJECT #
23-1726-GL

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Garage Loft
KEN HARVEY HOMES

S-4a

STRUCTURAL NOTES
NC (2018 NCRCA), Minn: 115-120 mph

- ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS INCLUDING ROOF RAFTERS, HPS, VALLEYS, RIDGES, WALLS, CEILING, GABLES, CANTILEVERS, OFFSET LOAD BEARING WALLS, PER 4 GIRDER SYSTEM FOOTING, AND PILING SYSTEM. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT INCLUDING ROOF SYSTEM. ALL REQUIREMENTS FOR PROFESSIONAL CERTIFICATION SHALL BE PROVIDED BY THE APPROPRIATE PROFESSIONAL, SOUTHERN ENGINEERS, P.A. CERTIFIES ONLY THE STRUCTURAL COMPONENTS AS SPECIFICALLY STATED.
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE 2018 NC RESIDENTIAL CODE PLUS ALL LOCAL CODES AND REGULATIONS. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR, AND WILL NOT HAVE CONTROL OF, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK. NOR WILL THE ENGINEER BE RESPONSIBLE FOR THE CONTRACTORS FAILURE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. CONSTRUCTION MEANS, METHODS AND NOT PART OF OUR CONTRACT. ALL MEMBERS SHALL BE FRAMED, ANCHORED, TIED AND BRACED IN ACCORDANCE WITH GOOD CONSTRUCTION PRACTICE AND THE BUILDING CODE.
- DESIGN LOADS LISTED AS: LIVE LOAD, DEAD LOAD, DEFLECTION
 - ROOMS OTHER THAN SLEEPING ROOMS. (40 PSF, 10 PSF, L/240)
 - SLEEPING ROOMS. (30 PSF, 10 PSF, L/240)
 - ATTIC WITH PERMANENT STAIR. (40 PSF, 10 PSF, L/240)
 - ATTIC WITHOUT PERMANENT STAIR. (20 PSF, 10 PSF, L/240)
 - ATTIC WITHOUT STORAGE. (10 PSF, 10 PSF, L/240)
 - STAIRS. (40 PSF, 10 PSF, L/240)
 - DECKS AND EXTERIOR BALCONIES. (40 PSF, 10 PSF, L/240)
 - PASSENGER VEHICLE GARAGES. (30 PSF, 10 PSF, L/240)
 - SNOW. (20 PSF)
- WALLS SHALL BE BRACED BY EXTERIOR WALLS ON ALL STORIES WITH WOOD STRUCTURAL PANELS. SEE FRAMING AND BRACING REQUIREMENTS.
- SEE APPENDIX H (DC46) FOR EXTERIOR DECK REQUIREMENTS INCLUDING ATTACHMENTS FOR LATERAL LOADS.
- CONCRETE SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 3000 PSI AND A MAXIMUM SLUMP OF 3 INCHES UNLESS NOTED OTHERWISE (NO). AIR ENTRAINMENT PER TABLE 402.2. ALL CONCRETE SHALL BE PROPORTIONED, MIXED, PLACED, FINISHED AND CURED IN ACCORDANCE WITH ACI STANDARDS. ALL SAMPLES FOR PUMPING SHALL BE TAKEN FROM THE EXIT END OF THE PUMP. CONTROL JOINTS IN SLABS SHALL BE SPACED ON A GRID OR +30 TIMES THE DEPTH (0). CONTROL JOINTS SHALL BE SAWN TO A DEPTH OF 1/2 (1/2). 4" CONCRETE SLABS SHALL HAVE 1/2" DEEP CONTROL JOINTS SAWN IN SLAB ON A +10'-0" x +10'-0" GRID.
- ALLOWABLE SOIL BEARING PRESSURE ASSUMED TO BE 2000 PSF. THE CONTRACTOR MUST CONTACT A GEOTECHNICAL ENGINEER AND THE STRUCTURAL ENGINEER IF UNSATISFACTORY SUBSURFACE CONDITIONS ARE ENCOUNTERED. THE SURFACE AREA ADJACENT TO THE FOUNDATION WALL SHALL BE PROVIDED WITH ADEQUATE DRAINAGE, AND SHALL BE GRADED SO AS TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS.
- ALL FRAMING LUMBER SHALL BE SPF #2 (Fb = 875 PSF) UNLESS NOTED OTHERWISE (NO). ALL TREATED LUMBER SHALL BE SYP #2. PLATE MATERIAL MAY BE SPF #3 OR SYP #3 (Fb(perm) = 425 PSF - MIN).
- LVL SHALL BE LAMINATED VENEER LUMBER. Fb=2600 PSI, Fv=295 PSI, E=1.8x10⁶ PSI, Fc.L SHALL BE PARALLEL STRAND LUMBER. Fb=2900 PSI, Fv=290 PSI, E=2.0x10⁶ PSI. L.S.L. SHALL BE LAMINATED STRAND LUMBER. Fb=2200 PSI, Fv=400 PSI, E=1.95x10⁶ PSI. INSTALL ALL CONNECTIONS PER MANUFACTURER'S INSTRUCTIONS.
- ALL ROOF TRUSS AND I-JOIST LAYOUTS SHALL BE PREPARED IN ACCORDANCE WITH THE SEALED STRUCTURAL DRAWINGS. TRUSSES AND I-JOISTS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS. ANY CHANGE IN TRUSS OR I-JOIST LAYOUT SHALL BE COORDINATED WITH SOUTHERN ENGINEERS.
- ALL STRUCTURAL STEEL SHALL BE ASTM A-36. STEEL BEAMS SHALL BE SUPPORTED AT EACH END WITH A MINIMUM BEARING LENGTH OF 3 1/2" INCHES AND FULL FLANGE WIDTH. PROVIDE SOLID BEARING FROM BEAM SUPPORT TO FOUNDATION. BEAMS SHALL BE ATTACHED TO EACH SUPPORT WITH TWO LAG SCREWS (1/2" DIAMETER x 4" LONG). LATERAL SUPPORT IS CONSIDERED ADEQUATE PROVIDING THE JOIST ARE TIE WALLED TO THE SOLE PLATE, AND SOLE PLATE IS WALLED OR BOLTED TO THE BEAM FLANGE @ 48" O.C. ALL STEEL TIES SHALL BE ASTM A500.
- REBAR SHALL BE DEFORMED STEEL, ASTM63, GRADE 60. LAP ALL REBAR SPLICES 30 BAR DIAMETERS.
- FLITCH BEAMS SHALL BE BOLTED TOGETHER USING (2) ROWS OF 1/2" DIAMETER BOLTS (ASTM A325) WITH WASHERS PLACED UNDER THE THREADED END OF BOLT. BOLTS SHALL BE SPACED AT 24" O.C. (MAX), AND STAGGERED AT THE TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE), WITH 2 BOLTS LOCATED AT 6" FROM EACH END.
- BRICK LINTELS (WHEN REQUIRED) SHALL BE 3 1/2"x8 1/2"x16" STEEL ANGLE FOR SPANS UP TO 4'-0" SPAN AND 6"x4"x16" STEEL ANGLE WITH 6" LEGS VERTICAL FOR SPANS UP TO 4'-0". SEE PLANS FOR SPANS OVER 4'-0". SEE ALSO SECTION R103.8.3 LINTELS.
- METAL CONNECTORS REFERENCED ON PLANS CORRESPOND TO SIMPSON STRONG-TIE BRAND. CONNECTORS OF EQUAL OR BETTER CAPACITY ARE ACCEPTABLE. CORROSION RESISTANCE PER CODE AND AS RECOMMENDED BY MANUFACTURER.

PORCH POST NOTES:

- 4x4 (MAX) TRTD POST (OR EQUAL).
 - ATTACH TRUSSES (RAFTERS) AT PORCH WITH HURRICANE CONNECTORS.
1. E021.GAD: SIMPSON ACA-MAX (ACA-MAX) SCREWS @ 16" O.C. FOR BEAMS UP TO 18" HIGHER LOCATED AT CORNER. HIGH WIND; ADD (1) SIMPSON HQ.
 2. E021.BASE: SIMPSON ABU44 (ABU44).
 3. 1.2x2. 3/8" ANCHOR (EMBED T) @ 6'-0" O.C. (MAX) EXTEND TO FOOTING - HIGH WIND ONLY.
 4. E021.BASE: WOOD FOUNDATION. (2) SIMPSON CSB STRIPS AT POSTS. EXTEND 12" OUTSIDE EACH POST (UPPER AND LOWER) OR TO GIRDER.

- NOTE: THE ABOVE CONNECTORS ARE SUGGESTIONS. EQUIVALENT CONNECTORS THAT MEET THE REQUIREMENTS OF THE NC RESIDENTIAL BUILDING CODE, LOCAL CODES, AND/OR ARE APPROVED BY THE BUILDING INSPECTOR MAY BE SUBSTITUTED.

LVL CONNECTION LEGEND

- (2) FLY 1.75" LVL BEAMS.
- (3) ROWS OF 10d NAILS @ 12" O.C. OR (2) ROWS OF SIMPSON SDW22338 (OR EQUAL) SCREWS @ 16" O.C. FOR BEAMS UP TO 18"
- (3) ROWS OF SIMPSON SDW22338 (OR EQUAL) SCREWS @ 16" O.C. FOR BEAMS GREATER THAN 18".
- (3) FLY 1.75" LVL BEAMS.
- (2) ROWS OF 10d NAILS @ 8" O.C. ON EACH SIDE OR (2) ROWS OF SIMPSON SDW22338 (OR EQUAL) SCREWS @ 16" O.C. FOR BEAMS UP TO 18"
- (3) ROWS OF SIMPSON SDW22338 (OR EQUAL) SCREWS @ 16" O.C. FOR BEAMS GREATER THAN 18".
- (3) FLY 1.75" LVL BEAMS.
- (2) ROWS OF SIMPSON SDW22634 (OR EQUAL) SCREWS @ 16" O.C. FOR BEAMS UP TO 18"
- (3) ROWS OF SIMPSON SDW22634 (OR EQUAL) SCREWS @ 16" O.C. FOR BEAMS GREATER THAN 18".

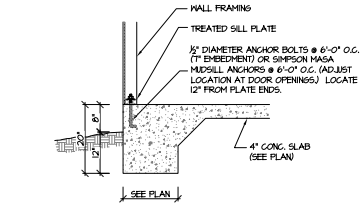
- WOOD I-JOISTS**
(SHALL BE ONE OF THE FOLLOWING)
- LPI 20 PLUS BY LP
 - BOLI 5000 LB BY BCI
 - BLI 40 BY WCI/ENTER
- ALL I-JOISTS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
 - INSTALL SQUASH BLOCKS, WEB STIFFENERS, ETC. AS REQUIRED BY AND ACCORDING TO THE I-JOIST MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS.
 - HANGERS FOR I-JOISTS ARE THE RESPONSIBILITY OF THE I-JOIST SUPPLIER.
- NOTE: I-JOISTS MAY BE SUBSTITUTED WITH FLOOR TRUSSES DESIGNED BY SUPPLIER (SAME DEPTH AND LAYOUT).

HEADER/BEAM & COLUMN NOTES

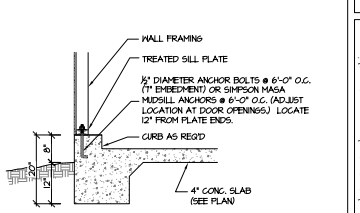
- ALL EXTERIOR AND LOAD BEARING HEADERS SHALL BE MIN (2)2x10 (4" WALL) OR (3)2x10 (6" WALL) WITH (1) SUPPORT STUD, UNLESS NOTED OTHERWISE.
- THE NUMBER SHOWN AT BEAM AND HEADER SUPPORTS INDICATES THE NUMBER OF SUPPORT STUDS REQUIRED IN STUD POCKET OR COLUMN. THE NUMBER OF KING STUDS AT EACH END OF HEADERS (3) EXTERIOR WALLS SHALL BE ACCORDING TO ITEM "1" IN TABLE R602.3.5 OR AS BELIEVED PER (NC201) COMMENTARY "KING STUDS AT WALL OPENINGS" REVISED 1-4-2020.
 - UP TO 3' SPAN: (1) KING STUD
 - OVER 3' UP TO 6' SPAN: (2) KING STUDS
 - OVER 6' UP TO 9' SPAN: (3) KING STUDS
 - OVER 9' UP TO 12' SPAN: (4) KING STUDS
 - OVER 12' UP TO 15' SPAN: (5) KING STUDS.

FRAMING NOTES
NC (2018 NCRCA), Minn: 115-120 mph

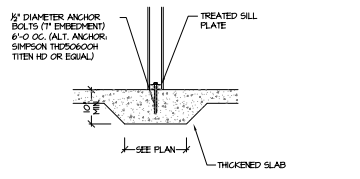
- DETAIL METHOD AND TYPE: CONTINUOUSLY SHEATHED HEP, C5-HEP. NOTE THAT THE WALL BRACING ANCHOR BOLTS ON THE PLANS (DETAILS AND SPECIFICATIONS) IS GREATER THAN THE AMOUNT OF WALL BRACING REQUIRED BY SECTION R602.0.4 OF THE CODE. SEE NOTES BELOW FOR DETAILS AND SPECIFICATIONS FOR WALL BRACING AND HEP FRAMING.
- EXTERIOR WALL SHEATHING: WALLS SHALL BE BRACED BY SHEATHING WALLS ON ALL STORIES WITH WOOD STRUCTURAL PANEL SHEATHING (M2) EXPOSURE 3, 1/4" EXPOSURE C, (R20). SHEATHING SHALL BE ATTACHED WITH 8d NAILS AT A 6"X12" NAILING PATTERN (6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS). INSTALL BLOCKING AT ALL PANEL EDGES.
- HSP SHEATHING SHALL EXTEND TO THE UPPERMOST DOUBLE BEARING PLATE. BLOCK AT ROOF PER SECTION R602.0.4.5 AND ATTACH BRACED WALLS PER CODE. HSP SHEATHING BETWEEN FLOORS SHALL BE SPLICED ALONG CONTINUOUS BAND OR THE HSP SHEATHING MAY BE SPLICED ACROSS STUDS (CONTINUOUS ACROSS FLOOR SYSTEM) WITH BLOCKING AT PANEL EDGES. MINIMUM 12" BEYOND FLOOR BREAK OR OTHER APPROVED METHOD.
- "10" x HOLD-DOWN: HOLD-DOWN DEVICE (NOTED AS "HD" ON PLANS) SHALL BE AN 80 ROUND CAPACITY ASSEMBLY AS NOTED ON PLANS. SEE DETAILS FOR HD ASSEMBLY.
 - **GROUND/NEST FLOORS: USE "HD HOLD-DOWN DETAIL" ON SO SHEET (OR EQUIV)
 - **UPPER FLOORS: ATTACH BASE OF KING STUD WITH A SIMPSON C230 OR C54P2 STRAP DOWN ACROSS THE BAND AND DOWN TO A STUD BELOW OR HEADER BELOW. EXTEND STRAP 1" MIN ALONG EACH STUD OR HEADER AND ATTACH EACH END W/ (1) 8d NAIL.
- INTERIOR BRACED WALL: (NOTED AS "IBW" ON PLANS) ATTACH 1/2" GYPSUM BOARD (GB) ON EACH SIDE OF WALL WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS @ 7" O.C. ALONG THE EDGES AND AT INTERMEDIATE SUPPORTS. SEE SECTION R602.0.4.4 OF THE CODE.
- INTERIOR BRACED WALL-WOOD STRUCTURAL PANEL: (NOTED AS "IBW-HEP" ON PLANS) ATTACH ONE SIDE WITH 3/4" HSP SHEATHING WITH 8d NAILS AT A 6"X12" NAILING PATTERN (6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS). INSTALL BLOCKING AT ALL PANEL EDGES. ATTACH GB OVER HEP AS REQUIRED. ATTACH OPPOSITE SIDE WITH 1/2" GB WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS @ 7" O.C. ALONG THE EDGES AND AT INTERMEDIATE SUPPORTS. SEE SECTION R602.0.4.4 OF THE CODE.



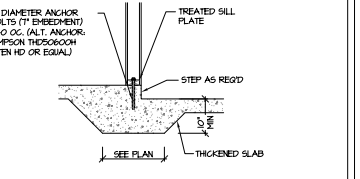
115-120 MPH (10A) SD MONOLITHIC SLAB FOOTING (SIDING OR EQUAL)



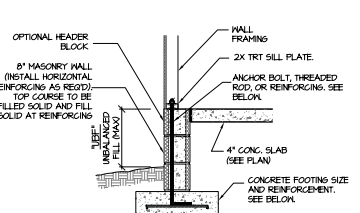
115-120 MPH (10A) SD MONOLITHIC SLAB @ GARAGE (SIDING OR EQUAL)



115-120 MPH (10A) SD THICKENED SLAB (INTERIOR BEARING WALL)

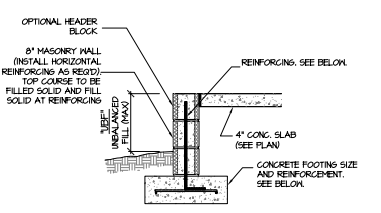


115-120 MPH (10A) SD THICKENED SLAB @ GARAGE (INTERIOR GARAGE WALL)



- 1/2" DIA ANCHOR BOLT (EMBED T) @ 6'-0" O.C. 16" NIDE BY 8" DEEP (MIN) CONC. FTG.
- 1/2" DIA ANCHOR BOLT (EMBED T) @ 6'-0" O.C. REINFORCE WALL W/ #5 BAR @ 48" O.C. W/ 75" LEG INTO FTG. OR INSTALL 3" THREADED ROD W/ 125" LEG @ 48" O.C. WITH WASHERS 24" NIDE BY 10" DEEP CONC FTG REINFORCED W/ (4) #4 BAR OR (2) #5 BAR CONTINUOUS WITH #4 TIES @ 48" O.C.
- 1/2" DIA ANCHOR BOLT (EMBED T) @ 6'-0" O.C. REINFORCE WALL W/ #5 BAR @ 24" O.C. W/ 15" LEG INTO FTG. 32" NIDE BY 12" DEEP CONC FTG REINFORCED W/ (4) #4 BAR OR (3) #5 BAR CONTINUOUS WITH #4 TIES @ 24" O.C.

115-120 MPH (10C) SD STEM WALL SLAB FOOTING (SIDING OR EQUAL)



- 8" MASONRY (8-IN-REINFORCED) ON 16" NIDE BY 8" DEEP (MIN) CONC. FTG.
- REINFORCE WALL W/ #5 BAR @ 48" O.C. W/ 75" LEG INTO FTG. 32" NIDE BY 12" DEEP CONC FTG REINFORCED W/ (4) #4 BAR OR (3) #5 BAR CONTINUOUS WITH #4 TIES @ 48" O.C.
- REINFORCE WALL W/ #5 BAR @ 24" O.C. W/ 15" LEG INTO FTG. 32" NIDE BY 12" DEEP CONC FTG REINFORCED W/ (4) #4 BAR OR (3) #5 BAR CONTINUOUS WITH #4 TIES @ 24" O.C.

115-120 MPH (10D) SD FILLED PORCH WALL

PROJECT #
23-1726-GL

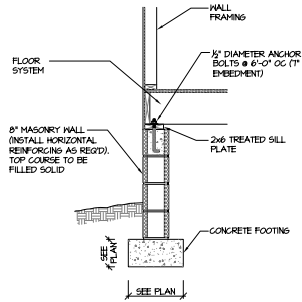
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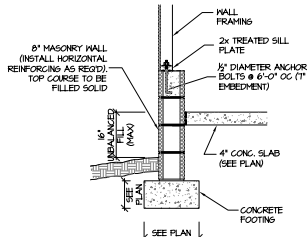
DYNAMIC DESIGN GROUP

Abigail Garage Ltd
KEN HARVEY HOMES

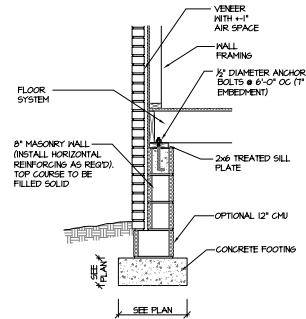
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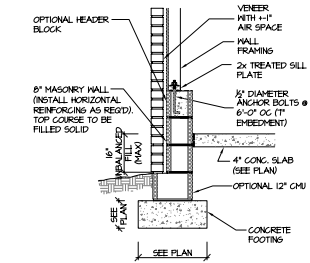
115-120 (110A) CRAWL SPACE FOOTING
MEH (SIDING OR EQUAL) SD



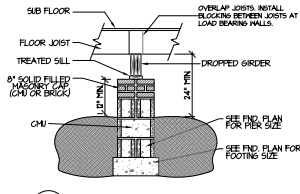
115-120 (111A) GARAGE WALL FOOTING
MEH (SIDING OR EQUAL) SD



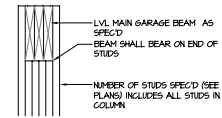
115-120 (112A) CRAWL SPACE FOOTING
MEH (VENEUR) SD



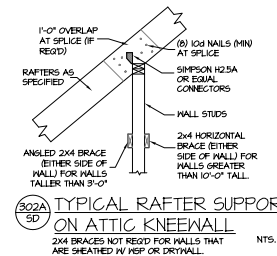
115-120 (113A) GARAGE WALL FOOTING
MEH (VENEUR) SD



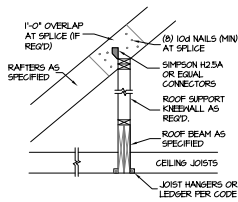
122A DROPPED GIRDER
SD NTS



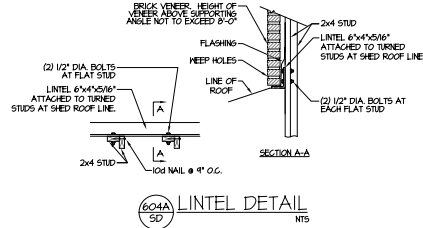
204B TYP. GARAGE BEAM BEARING
SD NTS



302A TYPICAL RAFTER SUPPORT
ON ATTIC KNEEWALL
SD NTS
2x4 BRACES NOT REQ'D FOR WALLS THAT ARE SHEATHED W/ WSP OR DRYWALL.



303A ROOF BEAM
SD NTS



604A LINTEL DETAIL
SD NTS

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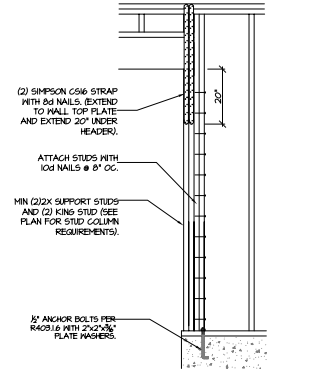
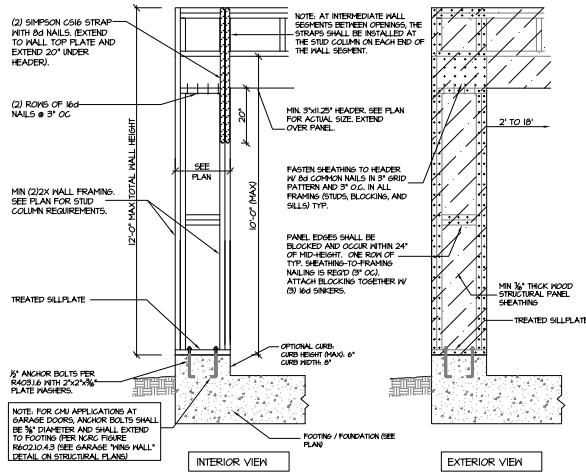
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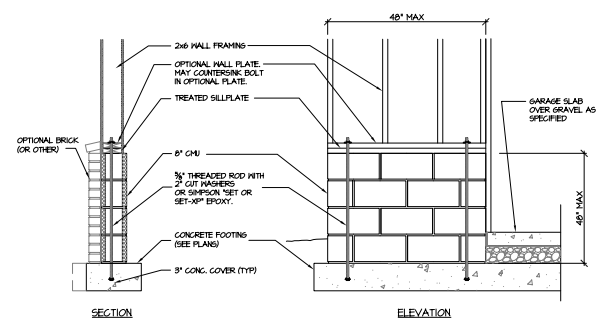
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Garage Lift
KEN HARVEY HOMES

SD



406 **CS-PF: END CONDITION DETAIL**
 (FOR USE WITH SINGLE CS-PF CONDITION)
 DETAIL AND APPLICATION BASED ON NRC FIGURE
 R602.10.1 - PORTAL FRAME CONSTRUCTION

405B **CS-PF: CONTINUOUS PORTAL FRAME CONSTRUCTION**
 DETAIL AND APPLICATION BASED ON NRC FIGURE
 R602.10.1 - PORTAL FRAME CONSTRUCTION



407 **GARAGE 'WING WALL' REINFORCING**
 PER IRC FIGURE R602.10.4.3

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