

* Must be owner/occupier or licensed contractor. Address, company name & phone must match information on license.

Application # _____

Harnett County Central Permitting 420 McKinney Pkwy Lillington, NC 27546 PO Box 65 Lillington, NC 27546

PO Box 65 Lillington, NC 27546 910-893-7525 ext. 1 Fax 910-893-2793 www.harnett.org/permits

Application for Residential Building and Trades Permit

Owner's Name: Joshua Jones / STS Construction	Date 08/01/22
Owner's Name: <u>Joshua Jones</u> / STS Construction Site Address: 2075 Huy 55 W Coats, NC 2	7521 Phone (919) 605-8003
Subdivision:	Lot
Description of Proposed Work: SPEC House	_ Total Job Cost \$150,000 + K
General Contractor Information	
STS Construction, LC	(919) 605-9003
STS Construction, LLC Building Contractor's Company Name	Telephone
2601 Nr 55 W Coats, Nr 27521	Joshests construct.com
Address	Email Address
83965 HEATED SQ FT 1331 GARAGE SC	ET 271
License #	
Electrical Contractor Information	<u>n</u>
and the second s	Amps T-Pole: YesNo
SBS Electrical Corp.	<u>(9a) 422-8687</u> Telephone
Electrical Contractor's Company Name	
121 Southeast Railroad St Benson, NC 27504 Address	Jevans@ Scattbettsandson . com Email Address
	Email Address
<u>U-32601</u> License #	
Mechanical/HVAC Contractor Inform	ation
Description of Work HVAC Ducts + System	*
Beasley's Heating + Air Inc.	(GIG) DOU_U248
Mechanical Contractor's Company Name	<u>(919) 894–4248</u> Telephone
57 W.C. Beusley's Ln Coats, NC 27521	beasleyshuc@aol.com
Address Address	Email Address
9497	211141171441000
License #	
Plumbing Contractor Information	<u>n</u>
Description of Work New Construction Plunking	#Baths 2.5
Rushin Plumbing LLC	(919) 410 - 5967
Plumbing Contractor's Company Name	Telephone
7581 NL 210 Smith Field, NL 27577	rushinplumbing egmail.com
Address	Email Address
33242	
License #	
Insulation Contractor Informatio	
Palomo Insulation Inc. 1079 Lake Wendell Rd Wendell	,NZ 27591 (919) 369-3770
Insulation Contractor's Company Name & Address	Telephone



I hereby certify that I have the authority to make necessary application, that the application is correct and that the construction will conform to the regulations in the Building, Electrical, Plumbing and Mechanical codes, and the Harnett County Zoning Ordinance. I state the information on the above contractors is correct as known to me and that by signing below I have obtained all subcontractors permission to obtain these permits and if any changes occur including listed contractors, site plan, number of bedrooms, building and trade plans, Environmental Health permit changes or proposed use changes, I certify it is my responsibility to notify the Harnett County Central Permitting Department of any and all changes.

EXPIRED PERMIT FEES - 6 Months to 2 years permit re-issue fee is \$150.00. After 2 years re-issue fee is as per current fee schedule.

pature of Owner/Contractor/Officer(s) of Corporation

Affidavit for Worker's Compensation N.C.G.S. 87-14 The undersigned applicant being the:
General Contractor Owner Officer/Agent of the Contractor or Owner
Do hereby confirm under penalties of perjury that the person(s), firm(s) or corporation(s) performing the work set forth in the permit:
Has three (3) or more employees and has obtained workers' compensation insurance to cover them.
Has one (1) or more subcontractors(s) and has obtained workers' compensation insurance to cover them.
Has one (1) or more subcontractors(s) who has their own policy of workers' compensation insurance covering themselves.
Has no more than two (2) employees and no subcontractors.
While working on the project for which this permit is sought it is understood that the Central Permitting Department issuing the permit may require certificates of coverage of worker's compensation insurance prior to issuance of the permit and at any time during the permitted work from any person, firm or corporation carrying out the work.
Sign w/Title: Jeshu & Janes Dunes / combractor Date: 08/01/22

GENERAL NOTES:

- ALL WALLS SHOWN ON THE FLOOR PLANS ARE DRAWN AT 4" UNLESS NOTED DESIGNS, INC. IS NOT RESPONSIBLE FOR ANY DIMENSIONING, ROOF PITCH, OR SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THAT ALL DIMENSIONS, ROOF PITCHES, AND SQUARE FOOTAGE ARE CORRECT PRIOR TO CONSTRUCTION. K&A HOME
- 3. ALL ANGLED WALL SHOWN ON THE PLANS ARE 45, DEGREES UNLESS NOTED OTHERWISE
- 5. DO NOT SCALE PLANS, DRAWING SCALE MAY BE DISTORTED DUE TO COPIER STUD WALL DESIGN SHALL CONFORM TO ALL NORTH CAROLINA STATE BUILDING CODE
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NORTH CAROLINA RESIDENTIAL STATE BUILDING CODE, 2018 EDITION.

SQUARE FOOTAGE

HEATED SQUARE FOOTAGE	OOTAGE	UNHEATED SQ UARE FOOTA GE	OOTAGE
FIRST FLOOR=	661	CARAGE=	271
SECOND FLOOR=	676	FRONT PORCH=	93
THIRD FLOOR=	N/A	COVERED PORCH=	57
BASEMENT=	N/A	DECK=	N/A
		STORAGE=	N/A
TOTAL HEATED=	1337	TOTAL UNHEATED= 421	= 421
CRAWL SPACE	VENTIL AT	CRAWL SPACE VENTILATION CALCULATIONS	

-VENT LOCATIONS MAY VARY FROM THOSE SHOWN ON THE PLAN BUT SHOULD BEPLACED TO PROVIDE ADEQUATE VENTILATION AT ALL POINTS

100% VAPOR BARRIER MUST BE PROVIDED WITH 12" MIN. LAP JOINTS.

"THE TOTAL AREA OF UNTILATION OPENIOS MAY DEREDUCED TO 1/1580
AS LONG AS REQUIRED DEEDINGS ARE PLACED SO AS TO PROVIDE CROSS.
VENTILATION OF THE SPACE. THE INSTALLATION OF OPERABLE LOUVERS
STALL NOT BE PROHIBITED. (COMPLY WITH NC CODEMIN. WITH REGARD
TO VENT PLACEMENT FROM CONCRES

661

SQ. FT. OF CRAWL SPACE/1500

SQ. FT. OF REQUIRED VENTILATION

VENTILATION EACH= PROVIDED BY: 1.35 5Q. FT. OF VENTILATION VENTS AT 0.45 SQ. FT. NET FREE

**FOUNDATION DRAINAGE- WATERPROOFING PER SECTIONS 405 & 406.

SIDING

HORIZONTAL

1/4" = 1'-0"

REAR ELEVATION

HORIZONTA

1/8" = 1'-0"

ATTIC VENTILATION CALCULATIONS

-CALCULATIONS SHOWN BELOW ARE BASED ON VENTILATORS USED AT LEAST 3 FT. ABOVE THE CORNICE VENTS WITH THE BALANCE OF VENTS, VENTIALTION PROVIDED BE EAVE VENTS.

- CATHEDRAL CEILINGS SHALL HAVE A MIN. 1" CLEARANCE BETWEEN THE BOTTOM OF THE KOOP DECK AND THE INSULATION.

EACH OF INLET AND OUTLET REQUIRED SQ. FT. OF ATTIC/ 300-2.25

- WALL CLADDING IS DESIGNED FOR A 24.1 SO, FT, OR GREATER POSITIVE AND NEGATIVE PRESSURE.

34.8 LBS. PER SQ. FT. FOR ROOF PITCHES OF 2.25/12 TO 7/12 45.5 LBS. PER SQ. PT. FOR ROOF PITCHES OF 0/12 TO 2:25/12 ROOF VALUES BOTH POSITVE AND NEGATIVE SHALL BE AS FOLLOWS:

** MEAN ROOFHEIGHT 30' OR LESS

1/8" = 1'-0"

1/8" = 1'-0"

RIGHT ELEVATION

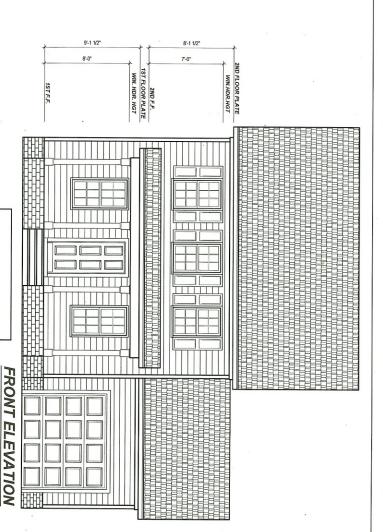
ELEVATIONS

EFT ELEVATION

SIDING

21 LBS. PER SQ. FT. FOR ROOF PITCHES OF 7/12 TO 12/12

WALL AND ROOF CLADDING DESIGN VALUES



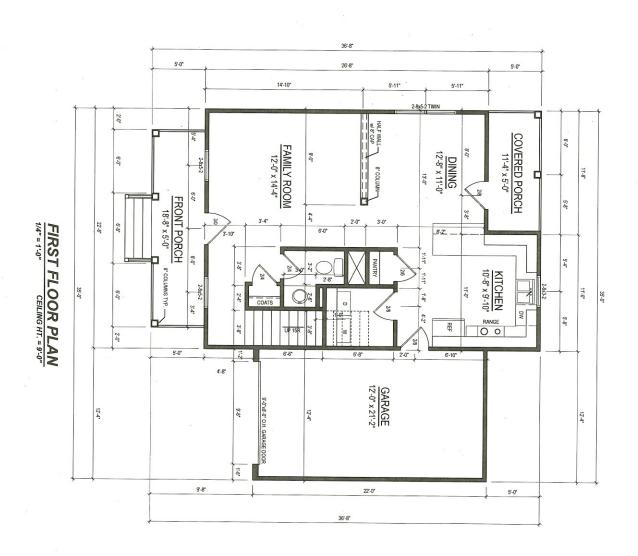
STS Construction P.O. Box 1792 Angier, NC 27501

Plan 1337



9101 Ten-Ten Rd. Raleigh, NC 27603 Office: (919) 302-0693 Fax: (919) 661-2632





Sheet Number

FIRST FLOOR

STS Construction P.O. Box 1792 Angier, NC 27501

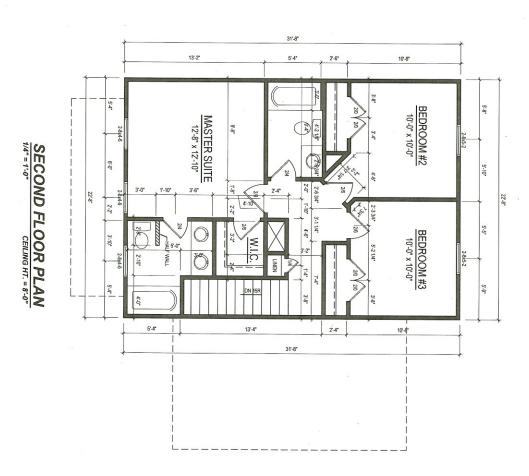
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Sheet Number

SECOND FLOOR

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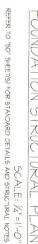
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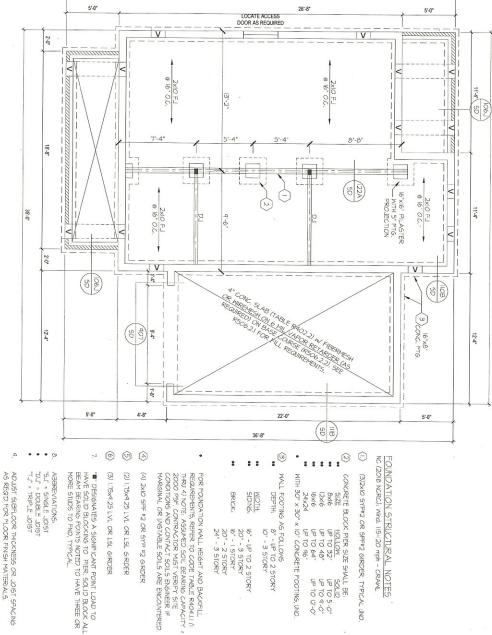








S-1





2075 Hwy. 55 W. Coats, NC 27521 "Plan 1337"

STS CONSTRUCTION

K&A HOME DESIGN, INC.

Southern Engineers, P.A. 3716 Benson Drive, Raleigh, NC 27609 Phone: (919) 878-1617 License: C-4772 www.southernengineers.com

Engineers seal applies only to structural components on this document. Seal does not include construction means, methods, technique sequences, procedures or safety precautions. Any deviations or discrepancies on plans are to be brought to immediate attention of Southern Engineers. Failure to do so void Southern Engineer's liability. Seal is valid for projects permitted one year from date of seal. Use of these plans constitutes approval of terms & conditions defined in the customer agreement.

(2018 NCRC): Wind: 115-120 mph

EXTEROR WALL SHATLING, WALLS SHALL BE BRACED BY SHEATING WALLS ON ALL STORMES WITH WOOD STRUCTURAL PANEL SHEATING (NSP) (EXPOSURE B. 1716; EXPOSURE C. 15927). SHEATING SHALL BE ATTACHED WITH DO NALLS AT A 6/12", VALILING PATTERN (6' OC AT PANEL EDGES AND 12" OC AT INTERVEDIATE SUPPORTS). INSTALL BLOCKING AT ANEL EDGES.

WEP SHATHING SHALL EXTEND TO THE UPPERMOST DOUBLE BEARING PLATE. BLOCK AT ROOF PER SECTION REOZIO AS AND ATTACH BRACED WALLS PER CODE: WES SHEATHING BETWEEN FLOORES SHALL BE SPLICED ALONG CONTINUOUS BAND OR THE MEP SHEATHING MAY BE SPLICED ALONG CONTINUOUS ACROSS FLOOR SYSTEM) WITH BLOCKING AT PAMEL EDEEDS, MINIMAM 12" BEYOND FLOOR BREAK! OR OTHER APPROVED METHOD.

HEADER) AND ATTACH EACH END W/ (1) 8d NAILS. **\LPPER FI_OORS; ATTACH BASE OF KING STUD WITH A SIMPSON C522 STRAP DOWN ACROSS THE BAND AND DOWN TO A STUD BELOW OR HEADER BELOW. EXTEND STRAP T' MIN ALONG EACH STUD (OR "IED" = HOLDOWN, HOLD-DOWN DEVICE MOTED AS "HO" ON PLANS)
SHALL BE AN BOO POUND CAPACITY ASSEMBLY AS NOTED ON PLANS,
SEE DETAILS FOR HID ASSEMBLY.
"SEGUNDIFIEST FLOOR, USE "HD HOLD-DOWN DETAIL" ON SD SHEET
"SEGUNDIFIEST FLOOR, USE "HD HOLD-DOWN DETAIL" ON SD SHEET

NITERIOR BRACED WALL: NOTED AS "IBA" ON PLANS) ATTACH 1/2" 67FSUN BOARD (6B) ON EACH SIDE OF WALL WITH A MIN. OF 5d COOLER NAILS OR 16 SCREWS @ T" O.C. ALONG THE EDGES AND AT INTERMEDIATE SUPPORTS.

"BALNGE" ON PLANS). ATTACH ONE SIDE WITH 16" WSP SHEATHING WITE BOD MILES AT A 6")2" NALING PATTERN (6" OC AT PANEL EDGES AND 12" OC AT INTERWEDIATE SUPPORTS). INSTALL BLOCKING AT ALL PANEL EDGES. ATTACH 68 OVER WSP AS REQUIRED. ATTACH OPPOSITE SIDE WITH A MIN. OF BU COOLER NAILS OR #6 INTERIOR BRACED WALL-WOOD STRUCTURAL PANEL: (NOTED AS PPOSITE SIDE WITH 1/2" 6B WITH A MIN. OF 5d COOLER NAI SRENS @ "I" OC ALONG THE EDGES AND AT INTERMEDIATE JPPORTS.

FRAMING NOTES NC (2018 NCRC); Minds

BRACING METHOD AND TYPE. CONTINUOUSLY SHEATHED MEP C5-MET NOTE THAT THE MALL BRACING ANOMIT PROVIDED ON THE PLANS (DETAILS AND SPECIFICATIONS) IS GREATISE THAN THE AVOINT OF MALL BRACING BEQUIRED BY SECTION REQUIRED BY SECTION REQUIRED BY SECTION FOR MALL BRACING AND DETAILS AND SPECIFICATIONS FOR MALL BRACING AND MALL FRAMING.

6x6 TRTD POST (OR EQUIV.) (TYP.) ATTACH RAFTERS AT PORCH WITH HARRICAME CONNECTORS (S)MPSON H25A OR EQUIV.) ATTACH HEADER TO POST AN POST TO BASE WITH A POST CAP OR METAL STRAP(S) OR BRACKET(S), AND/OR A POST BASE. 9 16" O.C. 0.0 "91 ® -(3) 2x10 HU210-3 (3) 2xIO 0.0 "91 & 9 16° O.C. 0 LU5210-2

(3) 2xIO-@ 16" O.C 4x4 TRTD POST (OR EQUIV.) (TYP.) ATTACH RAFTERS AT PORCH WITH HURCICAME CONNECTORS, (SIMPSON — H25A OR EQUIV.) ATTACH HEADER TO POST AND POST TO BASE WITH A POST CAP OR NET(AL STRAP(S) OR BRACKET(S), AND/OR A POST BASE. S 908 25 PF 905B

COLUMN NOTES

ALL EXTERIOR AND LOAD BEARING HEADERS SHALL BE MIN. (2)2x/O (4" WALL) OR (3)2x/O (0 WALL) MITH (1) SUPPORT STUD, UNLESS NOTED OTHERWISE.

2. THE NUMBER SHOWN AT BEAM AND HEADER
PROPORTS INDICATES THE NUMBER OF SUPPORT
STUDS REQUIRED IN STUD POCKET OR COLUMN
THE NUMBER OF KING STUDS AT EACH BID OF
HEADERS IN SETTENCIA WALLS SHALL BE
ACCORDING TO ITEM "I" IN TABLE REQUIRED
OR AS BELLOW PER NLODI COMPRINARY "NING
STUDS AT WALL OPENINGS" REVISED 1-4-2020.
IN PTO 3" SPANK (1) KING STUDS
OVER 8" UP TO 4" SPANK (2) KING STUDS
OVER 6" UP TO 4" SPANK (4) KING STUDS
OVER 12" UP TO 5" SPANK (5) KING STUDS
OVER 12" UP TO 5" SPANK (5) KING STUDS
OVER 14" TO 15" SPANK (5) KING STUDS
OVER 15" UP TO 5" SPANK (6) KING STUDS

TRUSS SYSTEM REQUIREMENTS (2018 NCRC): Wind: 115-120 mph

ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON SPF #2 OR #3 PLATES OR LEDGERS (LNO). TRUSS SCHEMATICS (PROFILES) SHALL BE PREPARED AND SEALED BY TRUSS MANUFACTURER

UPLIFT OR BEARING SHALL MEET THE REQUIREMENTS AS SPECIFIED ON THE TRUSS ALL REQUIRED ANCHORS FOR TRUSSES DUE TO

TRUSS SYSTEM LAYOUTS (FLACEMENT PLANS)
SHALL BE DESIGNED IN ACCORDANCE WITH SEALED
STRUCTURAL PLANS, ANY NEED TO CHANGE
TRUSSES SHALL BE COORDINATED WITH SOUTHERN

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PROJECT

22-1761

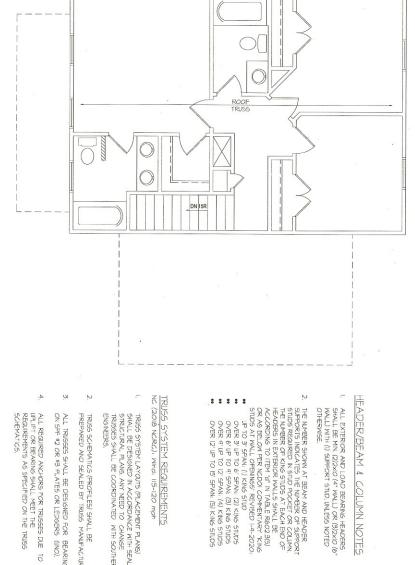
U

П OOR STRUCTURAL SCALE: 1/"=1'-0"

REFER TO "SD" SHEET(S) FOR STANDARD DETAILS AND STRUCTURAL NOTES S-2

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HEADER/BEAM & COLUMN NOTES

ALL EXTERIOR AND LOAD BEARING HEADERS SHALL BE MIX (2)2xi0 (4" MALL) OR (3)2xi0 (6" MALL) MIT (1) SUPPORT STUD, UNLESS NOTED OTHERWISE.

ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON SPF #2 OR #3 PLATES OR LEDGERS (UNO).

ALL REQUIRED ANCHORS FOR TRUSSES DUE TO UP, IFT OR BEARING SHALL MEET THE REQUIREMENTS AS SPECIFIED ON THE TRUSS SCHEMATICS.

TRUSS SCHEMATICS (PROFILES) SHALL BE PREPARED AND SEALED BY TRUSS MANUFACTURER

TRUSS SYSTEM LAYOUTS (PLACEMENT PLANS)
SHALL BE DESIGNED IN ACCORDANCE WITH SEALED
STRUCTURAL PLANS, ANY NEED TO CHANGE
TRUSSES SHALL BE COORDINATED WITH SOUTHERN

USS SYSTEM REQUIREMENTS (2016 NORC): Wind: 115-120 mph

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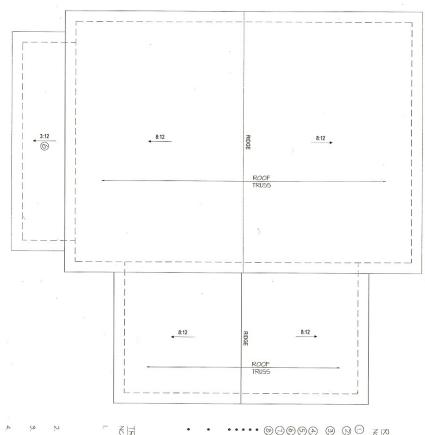
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2075 Hwy. 55 W.

Coats, NC 27521
"Plan 1337"

STS CONSTRUCTION





TRUSS SYSTEM LAYOUTS (PLACEMENT PLANS)
SYALL BE RESIGNED IN ACCORDACE WITH SEALED
STRUCTURAL PLANS, ANY NEED TO CHANGE
TRUSSES SHALL BE COORDINATED WITH SOUTHERN

DESIGN, INC.

ALL REQUIRED ANCHORS FOR TRUSSES DUE TO UPLIET OR BEARING SHALL MEET THE REQUIREMENTS AS SPECIFIED ON THE TRUSS SCHEMATICS.

2075 Hwy. 55 W. Coats, NC 27521 "Plan 1337"

STS CONSTRUCTION

ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON 5PF #2 OR #3 PLATES OR LEDGERS (JNO). TRUSS SCHEMATICS (PROFILES) SHALL BE PREPARED AND SEALED BY TRUSS MANUFACTURER TRUSS SYSTEM REQUIREMENTS NC (2018 NCRC): Wind: 115-120 mph

"SR" = SUBLE RAFTER
"DR" = COLDEL EXAFTER
"R" = ROPE BAFTER
"KS = ROPE BAFTER
"KS = ROPE SUPPORT
"MS = 130 STUD OR 444 POST FOR ROOF SUPPORT (ISE
"M" = 130 STUD OR 676 POST FOR SUPPORT OFER IO -O' IN ATTACH VAULTED RAFTERS WITH HERICANE CLIPS, SMESSAN 11-224", VAE EGIVALENT TIES TO BE INSTALLED ON THE OUTSIDE FACE OF FRANKING. ON THE OUTSIDE FACE OF FRANKING. SECTION NETWALL NAFTER TIES MUE COLLAR TIES PER SECTION RESOLZS) OF THE 2016 NO RESIDENTIAL CODE:

ROOF FRAMING NOTES: NC (2018 NCRC): Wind: 115-120 mph

(2) 2x10 OR 1.75x9.25 LVL VALLEY, DO NOT SPLICE VALLEYS 2x8 RAFTERS @ 16" O.C. WITH 2x10 RIDGE, UNO. (2) 2xIO OR 1.75xII.875 LVL HIP. (2) 2XIO HIPS MAY BE SPLICED WITH A MIN. 6-O" OVERLAP AT CENTER

FALSE FRAME VALLEY ON 2x10 FLAT PLATE 2x6 RAFTERS @ 16" O.C. W 2x8 RIDGE, UNO. 2x10 RAFTERS @ 16" O.C. W 2x12 RIDGE, UNO.

1.75x11.875 LVL OR (2)1.75x4.25 LVL VALLEY

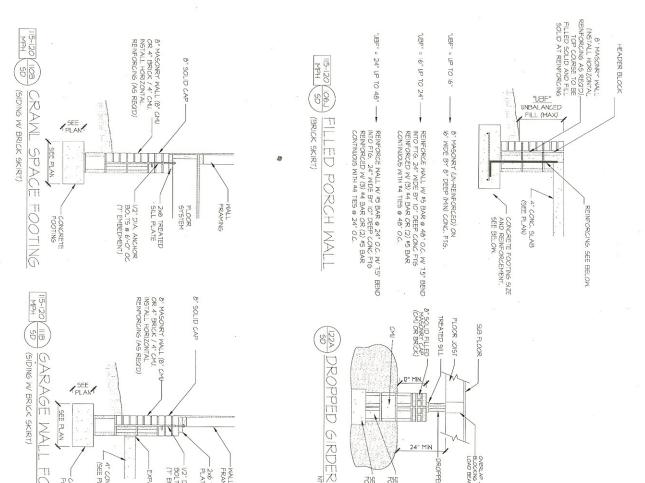
EXTEND RIDGE 12" BEYOND INTERSECTION

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STRUCTURAL NOTES NC (2018 NCRC): Wind: 115-120 mph

ENSMERS SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS INCLUDING ROOF RAFTERS HIPS,
VALLEYS RIDGES FLOORS, WALLS BEWGS AND HADRES COULINGS, CANTILLYRES, OFFERST,
LOAD BEWANIS HALLS PIERR I GIRDER SYSTEM, FOOTING, AND FILING SYSTEM, ENGMERS SEAL DOES NOT CRETIFY DIMENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT INCLUDING
ROOF SYSTEM, ALL REQUIREMENTS FOR PROFESSIONAL CRETIFICATION SHALL BE PROVIDED BY
THE APPROPRIATE PROFESSIONAL. SOUTHERN BIGINEERS, P.A. CERTIFIES ONLY THE STRUCTURAL
COMPONENTS AS SPECIFICALLY STATED.

ALL COMPRIACTION SHALL COMPORM TO THE LATEST REQUIREMENTS OF THE 20.6 NC RESPONSIBLE FOR, AND MALL LOCAL, CODES AND REGULATIONS. THE STRUCTURAL DISINERS IS NOT RESPONSIBLE FOR, AND MILL NOT HAVE CONTROL OF, CONSTRUCTION MEANS, METHODS. TECHNOLISS, SIGNEYES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROCESANS IN CONSECTION HIT HE CONSTRUCTION WORK, NOW MILL THE BOSINERS OR REGENORISE FOR THE CONTRACTION FOR THE CONSTRUCTION WORK IN ACCORDANCE MITH THE CONTRACT CONTRACT OF THE CONSTRUCTION WORK IN ACCORDANCE MITH THE CONTRACT CONTRACT CONTRACT.

ALL MEMBERS SHALL BE FRANCED ANCHORDS THE DAYD BRACED IN ACCORDANCE MITH GOOD CONSTRUCTION PRACTICE AND THE BUILDING CODE.

OVERLAP JOISTS, INSTALL BLOCKING BETWEEN JOISTS AT LOAD BEARING MALLS.

DROPPED GIRDER

- DESIGN LOADS (1/STED AS, LIVE LOAD, DEAD LOAD, DEFILECTION)
 ROOMS OTHER THAN SLEEPING ROOMS, (40 PSF, 10 PSF, 1/360)
 SLEEPING ROOMS, (20 PSF, 10 PSF, 1/360)
 ATTIC WITH PERMANENT STAIR. (40 PSF, 10 PSF, 1/360)
 ATTIC WITHOUT STORAGE, (10 PSF, 10 PSF, 1/360)
 ATTIC WITHOUT STORAGE, (10 PSF, 10 PSF, 1/340)
 ATTIC WITHOUT STORAGE, (10 PSF, 10 PSF, 1/340)
 ATTIC WITHOUT STORAGE, (10 PSF, 10 PSF, 1/340)
 ATTIC WITHOUT STORAGE, (10 PSF, 10 PSF, 1/240)

FOR PIER SIZE

SEE FND. PLAN FOR FOOTING SIZE

- 5TAIR5; (40 PSF, IO PSF, L/360) EXTERIOR BALCONIES; (60 PSF, IO PSF, L/360) DECKS; (40 PSF, IO PSF, L/360)

- GUARDRAILS AND HANDKAILS. (200 LBS)
 PASSENKER VEHICLE GARAGES. (50 PSF, 10 PSF, L/360)
 FIRE ESCAPES. (40 PSF, 10 PSF, L/360)
 SNOW. (20 PSF)
- WALLS SHALL BE BRACED BY SHEATHING WALLS ON ALL STORIES WITH WOOD STRUCTURAL PANELS, SEE FRAMING NOTES FOR THICKNESS AND NAILING REQUIREMENTS.
- SEE APPENDIX M (DCA6) FOR EXTERIOR DECK REQUIREMENTS INCLUDING ATTACHMENTS FOR LATERAL LOADS.
- CONCRETE SHALL HAVE A MININAM 3B DAY STREMSTH OF 3000 PSI AND A MAXIMIM SLIMP OF SINCHES INLEES NOTED OTHERWISE MOD, AR ENTRAINED TESTED, AND PLACED IN ACCORDANCE HICHES INLEES NOTED AND MIXED HANDLED, SAMPLED TESTED, AND PLACED IN ACCORDANCE WITH ACI STANDARDS, ALL SAMPLES FOR SIMPLING SHALL BE TAKEN FROM THE EXIT BUY OF THE PAPE, CONTROL, LOINTS IN SLADS SHALL BE SPACED ON A GRUD OF +30 THES THE DEPH (D). CONTROL, LOINTS SHALL BE SAMCLIT TO A DEPTH OF 1/D, (1E, 4" CONCRETE SLABS SHALL
- ALLOWABLE SOLL BEARNING PRESSARE ASSIMED TO BE 2000 PSF. THE CONTRACTOR MIST CONTRACT A GEOTECHNICAL BEGINEER AND THE STRUCTURAL BIOINEER HE INJOHNEER AND THE STRUCTURAL BIOINEER HE INJOHNEER AND THE SHE STRUCTURAL BIOINEER HE INJOHNEER AND THE SHE SHE AND ACENT TO THE SHESHEF ACE CONDITIONS ARE ENCOUNTERED. THE SHEFFACE AREA AND ACENT TO THE FOUNDATION WALL SHALL BE PROVIDED WITH ADEQUATE DRAINAGE, AND SHALL BE GRADED AS TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS. CONTACT A GEOTECHNICAL ENGINEER AND TH SUBSURFACE CONDITIONS ARE ENCOUNTERED. FOUNDATION WALL SHALL BE PROVIDED WITH

HAVE ¼" DEEP CONTROL JOINTS SAWCJT IN SLAB ON A +-10'-0" x +-10'-0" 6RID)

ALL FRAMING LIMBER SHALL BE SOF \$2 (Fb = 8/15 PS) UNLESS NOTED OTHERWISE (UNC). ALL TREATED LIMBER SHALL BE SYP \$2, PLATE MATERIAL MAY BE SOF \$3 OR SYP \$3 (Fc(parp) 4/25 PS) - M.N.

- I/2" DIA. ANCHOR BOLTS @ 6'-O" OC (7" EMBEDMENT)

EXPANSION JOINT

FRAMING 2x6 TREATED SILL PLATE

- LYL. SHALL BE LAMINATED VENEER LIMBER; Fb=2600 PS; Fv=285 PS; E=14x10 PS;
 II. PS.L. SHALL BE PARALLEL STRAND LIMBER; Fb=2600 PS; Fv=200 PS; Fb=20x10 PS;
 I.2. LS.L. SHALL BE LAMINATED STRAND LIMBER; Fb=27500 PS; Fv=400 PS; E=155x10 PS;
 INSTALL ALL GENECTIONS PER MANUFACTIREES INSTRUCTIONS.
- ALL ROOF TRUSS AND 1-JOIST LAYOUTS SHALL BE PREPARED IN ACCORDANCE WITH THE SEALED STRUCTURAL DRAWNISS, TRUSSES AND 1-JOISTS SHALL BE INSTALLED ACCORDING THE MANUFACTURES SPECHFOLIONS, ANY CANISE IN TRUSS OR 1-JOIST LAYOUT SHALL BE COORDINATED WITH SOUTHERN ENGINEERS.
- ALL SPECTRAL SHALL BHALL BE ASTA A-36, STEEL BEAMS SHALL BE SUPPORTED AT EACH BUD WITH A MINIMAM BEARING LENGTH OF 3 1/2 INCHES AND FILL FLANCE BUTH. PROVIDE SOLED BEARING FROM BEAM SUPPORT TO FOUNDATION. BEAMS SHALL BE ATTACHED TO EACH SUPPORT TO FOUNDATION BEAMS SHALL BE ATTACHED TO EACH SUPPORT WITH TWO LAG SCREIPS (1/2 DIAMETER X 4" LONG). LATERAL SUPPORT IS CONSIDERED ADEQUATE PROVIDING THE LOST ARE TO BEAMS SUPPORT WITH TWO LAG SCREIPS (1/2 DIAMETER X 4" LONG). LATERAL SUPPORT IS CONSIDERED ADEQUATE PROVIDING THE BEAM FLANCE & 48" O.C. ALL STEEL TIBING SHALL BE ASTA ASSO. REBAR SHALL BE DEFORMED STEEL, ASTM615, GRADE 60. LAP ALL REBAR SPLICES 30 BAR DIAMETERS.

SEE PLAN

FOOTING

FOOTING

4" CONC. SLAB (SEE PLAN)

0

AT 24" O.C. (MAX), AND STAGGERED AT THE TOP WITH 2 BOLTS LOCATED AT 6" FROM EACH END. FLITCH BEAMS SHALL BE BOLTED TOSETHER USING (2) ROMS OF 1/2" DIAMETER E A325) WITH WASHERS PLACED UNDER THE THREADED END OF BOLT. BOLTS SHALL TOP AND BOTTOM OF BEAM "DIAMETER BOLTS (ASTM BOLTS SHALL BE SPACED EAM (2" EDGE DISTANCE),

BRICK LINTELS (WHEN REQUIRED) SHALL BE 3 1/2/39 1/2"X1/4" STEEL ANGLE FOR UP TO 6"-O". SPAN AND 6"X4"X5/16" STEEL ANGLE MITH 6" LEG VERTICAL FOR SPANS UP TO 9"-O". SEE PLANS FOR SPANS OVER 9"-O". SEE ALSO SECTIM RIOSAS I INTELS.

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2075 Hwy. 55 W. Coats, NC 27521 "Plan 1337"

STS CONSTRUCTION

K&A HOME DESIGN, INC.

Southern Engineers, P.A. 3716 Benson Drive, Raleigh, NC 27609 Phone: (919) 878-1617 License: C-4772

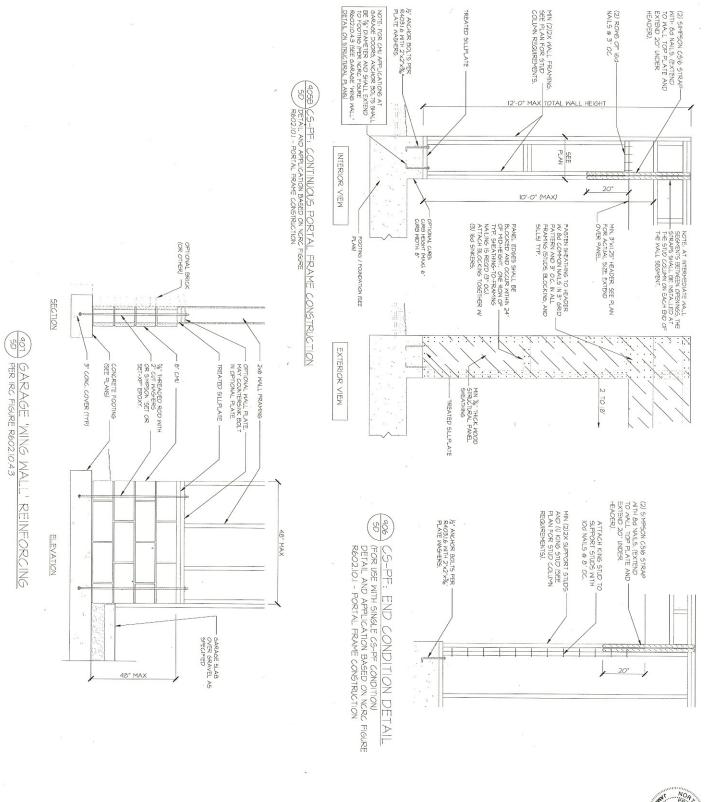
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PROJECT # 22-1761