Inventory Marked Lot 7 Schabert Crossing

PRELUDE H&H HOMES

PLAN REVISIONS

11-08-17 COMPLETED CONSTRUCTION DOCUMENTS INCLUDING CLIENT REVIEW COMMENTS.

II-16-17 MIRRORED PLANS TO CREATE LEFT HAND GARAGE VERSION.

03-21-18

5TANDARD CLIENT CHANGES PER CLIENT WALK-THRU NOTES DATED 08-30-18. CHANGES INCLUDE BUT NOT LIMITED TO THE FOLLOWING: REMOVE OPT. LAUNDRY TUB, REMOVE KITCHEN ISLAND KNEEWALLS, CHANGE KITCHEN ISLAND COUNTER TOP TO HAVE 12" OVERHANGS, REMOVE OH.C. ABOVE FRIDGE, ADD PLIMBING DROP UNDER CABINET, REMOVE GARAGE SERVICE DOORS, REMOVE OPT. RAILING AT STAIRS, REVISE ALL SECONDARY CLOSETS AND LINENS TO HAVE BI-FOLD DOORS, REVISE OPT. E-CENTER TO HAVE 18" DRAWER BANK EACH SIDE WITH 32" KNEE SPACE WITH 2 USB OUTLETS, REMOVE WINDOW GRIDS AT SIDES AND REAR ELEVATIONS, CHANGE ALL GARAGE DOORS TO 16 PANEL DOORS, REVISE DATA DROPS TO BE I PHONE IN KITCHEN AND I T.V. IN OWNERS SUITE AND GATHERING ROOM ONLY, REMOVE COVERED PORCH OPTION, REVISE KITCHEN LIGHTING TO BE 4-BULB FLUORESCENT LIGHT.

PLAN SPECIFIC CHANGES INCLUDE BUT NOT LIMITED TO THE FOLLOWING: REMOVE OPT, WINDOW AT BACK WALL OF GATHERING ROOM, REMOVE OPT. WINDOW AT STAIRS IN GATHERING ROOM, SHIFT (2) WINDOWS AT BACK WALL OF GATHERING ROOM TO 2'-0" FROM EACH END OF ROOM, MAKE CLOSET IN PUIDR BATH WIDTH OF ROOM, PUT DOOR FACING TOILET, ADD DROPPED SOFFIT AT END OF HALL AT FOYER SHIFT STAIRS FORWARD TO CORNER OPT, TREAD FOR 9'-0" CLG WILL RELOCATE TO BOTTOM OF STAIR, MAKE WALL AT REF. A 2x6 WALL TO ALLOW FOR PLUMBING DROP, SHIFT 5GD. AND PATIO TO ALLOW FOR FLOORING BREAK TO ALIGN FROM CORNER, MAKE OPT. WINDOW AT KITCHEN STANDARD, FLIP BEDROOM 2 CLOSET AND OWNER'S BATH TOILET, MOVE OWNERS'S BATH VANITY TO REAR WALL AND REMOVE WINDOW, SHIFT DEAD SPACE AT TOP OF STAIR INTO W.I.C., MOVE OWNERS'S SUITE ENTRY DOOR DOWN TO W.I.C. WALL ALLOWING 6" ON EACH SIDE, MOVE FLOOR ACCORDINGLY TO REFLECT THIS CHANGE - THIS WILL ALLOW MORE HEAD ROOM BELOW WITH ADDING ADDITIONAL STEPS BELOW REMOVE OPT, WINDOW AT OWNERS SUITE, REMOVE OPT. WINDOW AT LOFT, REMOVE OPT. WINDOW AT BEDROOM 3, REMOVE OPT. WINDOW AT BEDROOM 2, REMOVE OPT. WINDOW AT BATH 3, REMOVE OPT. CABINETS AT LAUNDRY, MAKE HALL CLOSET DEEPER, MAKE (1) 30" ONE BOWL VANITY STANDARD AT BATH 3 AND MOVE TO EXTERIOR CORNER, MAKE 60" DOUBLE BOWL VANITY STANDARD WITH BEDROOM 4 OPT.

ELEVATION "A" - CHANGE GABLE AT MAIN ROOF TO HAVE FLUSH OVERHANGS ON EACH SIDE, CHANGE OPT. GARAGE TO GABLE WITH A FLUSH OVERHANG. ELEVATION "C" - CHANGE HIP AT REAR OF HOUSE TO GABLE WITH 8" OVERHANG, CHANGE OPT. GARAGE TO GABLE WITH A FLUSH OVERHANG.

02-11-20 VERIFIED AND UPDATED DIMENSIONS FOR PAD AND PATIO. REVISED ROOM DIMENSIONS FOR THE FOLLOWING ROOMS: GATHERING ROOM WAS 16'-10" X 17'-0", NOW IT 15 18'-0" X 17'-0". CHANGE WASHER, DRYER, AND REFRIGERATOR TO OPTIONAL COMPONENTS. CHANGE LOCATIONS OF HOSE BIBBS TO BE ON HEATED WALLS. VERIFIED HOR HGTS, ARE AT LEAST 1'-0". VERIFIED MASTER'S WAS CHANGED TO OWNER'S CHANGED 2X4 WALL AT REAR GARAGE WALL TO 2X6. ADDED ROOF VENT CALCULATIONS ADDED THERMOSTAT TO FIRST FLOOR ELECTRICAL PLAN. DIMENSION CEILING FAN IN GATHERING ROOM ON ELECTRICAL PLAN. UPDATED FOR NC RC 2018 AND SC IRC 2018. UPDATED SLAB INTERFACE PLAN AND OPTIONS. ADDED OPTIONAL FULL BATH 3 (ILO PDR-1) ADDED INSULATION DETAIL TO PLANS VERIFIED AND ADDED 3-0 5-0 WINDOW FOR VENTILATION REQIMTS IN OWNER'S BEDROOM. ADDED OPTIONAL DBL OVEN AT KITCHEN. CHANGE ALL CEILING FANS TO OPTIONAL.

CREATED AND REVISED CUTSHEETS.

ISQUANCE OF PLANS FROM THIS DRAFFER'S OFFICE SHALL NOT RELIEVE THE BUILDER OF RESPONSIBILITY TO REVIEW AND VERFY ALL NOTES, DYENSIONS, AND ADVERENCE TO APPLICABLE BUILDING CODES FROM TO CONTROLLED FOR ANY CONSTRUCTION.

ANY DISCREPANCY OF ERROR IN YORES, DYENSIONS, OR ADVERSENCE TO APPLICABLE BUILDING CODES SHALL BE BROUGHT TO THE ATTENTION OF THE DRAFFER'S OFFICE FOR CORRECTION BEFORE CONTROLPHON OF ANY CONSTRUCTION.

ANY REVISIONS OR CHAVES, NOT RELATED TO THE CORRECTION OF ERRORS THAT ARE MADE

ANT REVISIONS ON CHANGES, NOT NELLABLD TO THE CONSECTION OF ENGRASH HAT ARE TRADE. AFTER THE FINAL FLANS HAVE BEEN COMPLETED SHALL BE SUBJECT TO ADDITIONAL FEES. IF ANY MODIFICATIONS ARE MADE TO THESE FLANS BY ANY OTHER PARTY OTHER THAN THE DRAFTER'S OFFICE, THE DRAFTER SHALL NOT BE HELD RESPONSIBLE. 04-01-20 GATHERING WAS CHANGED TO FAMILY. CAFE WAS CHANGED TO CASUAL DINING. REMOVED HANSEN BOX AND DRYER VENT. CREATED NEW SHEETS FOR FIRST FLOOR PLAN AND SECOND FLOOR PLAN OPTIONS. UPDATED CUTSHEETS. ADDED (2) HOSE BIBBS RIGHT AND LEFT SIDE OF THE HOUSE. CHANGED 2X4 WALL AT LEFT GARAGE WALL TO 2X6. REMOVED OUTLETS, PHONES AND TV'S FROM ELECTRICAL PLANS. ADDED CARBON MONOXIDE DETECTOR AT BEDROOMS CREATED ELEVATION FARMHOUSE 'B'. CREATED ELEVATION ARTS AND CRAFTS 'D' CHANGED CORNER BOARDS ON ELEVATIONS TO BE IX4 TRIM BOARD. SHOWED COACH LIGHTS ON ELEVATIONS. ADDED DIAGONAL DIMENSIONS ON SLAB INTERFACE PLAN. REVISED ROOM DIMENSIONS FOR THE FOLLOWING ROOMS: CASUAL DINING WAS 9'-0"X16'-0", NOW 9'-1"X15'-10" FAMILY ROOM WAS 18'-0"X17'-0", NOW 17'-10"X17'-0' REVISED FRONT PORCH AREA AS FOLLOWS: ELEVATION A, IT WAS 32 SF, NOW 54 SF ELEVATION C, IT WAS 21 SF, NOW 43 SF. CREATED LEFT HAND GARAGE VERSION REMOVED ELEVATION C. UPDATED SQ. FT. LOG TO ELIMINATE ROUNDING. FIRST FLOOR WAS 1040 SF, NOW 1039 SF. SECOND FLOOR WAS 1395 SF, NOW 1394 SF, FRONT PORCH AT ELEV. B WAS 43 SF, NOW 42 SF, CHANGED SHUTTERS TO BE 14" WIDE.

Ø4-Ø8-2Ø ADDED WINDOW SCHEDULE CHANGED GARAGE WALL FROM 2x6 TO 2x4 CHANGED POWDER ROOM DOOR TO 2'6" LAUNDRY DOOR CHANGED TO 2'8" CHANGED IXIO TRIM ON ELEVATION A TO IX8 TRIM ADDED DETAIL FOR DECORATIVE BRACKET ON ELEVATION A CHANGED IXIO TRIM ON ELEVATION B TO IX8 TRIM FIXED PORCH CONCRETE TO KEEP COLUMN FROM OVERHANGING, SQUARE FOOTAGE CHANGED FROM 54 SQ. FT. TO 56 SQ. FT. ELEVATION A ADDED DETAIL FOR DECORATIVE BRACKET ON ELEVATION B ADDED DETAIL FOR DECORATIVE GABLE ON ELEVATION B CHANGED IXID TRIM ON FLEVATION D. TO IX8 TRIM FIXED PORCH CONCRETE TO KEEP COLUMN FROM OVERHANGING, SQUARE FOOTAGE CHANGED FROM 42 SQ. FT. TO 44 SQ. FT. ELEVATION B REMOVED IXIØ TRIM ABOVE GARAGE ON ELEVATION D ADDED DETAIL FOR DECORATIVE BRACKET ON ELEVATION D FIXED PORCH CONCRETE TO KEEP COLUMN FROM OVERHANGING, SQUARE FOOTAGE CHANGED FROM 86 SQ FT TO 19 SQ FT FI EVATION D REMOVED COLUMN BASE FROM ELEVATION D AND MADE COLUMN 8" 5Q FULL COLUMN REMOVED OPTIONAL CEILING FAN FROM FAMILY ROOM. CHANGED ALL TRIM AROUND WINDOWS, DOORS, & GARAGES TO 4" TRIM. RESIZED CHASE IN OWNER'S WIC. RELOCATED CONDUIT TO GO FROM ISLAND TO CLOSEST EXTERIOR WALL CHANGED COAT CLOSET DOOR FROM 2/6 BIFOLD TO 2/6 STD. CHANGED OWNER'S BATH LINEN CLOSEST FROM 2/6 BIFOLD TO 2/6 STD. CHANGED UPSTAIRS LINEN CLOSET FROM 2/6 BIFOLD TO 2/6 STD. CHANGED BED 2 CLOSET DOOR FROM 2/6 BIFOLD TO 2/6 STD. CHANGED BED 3 CLOSET DOOR FROM 2/6 BIFOLD TO 2/6 STD. CHANGED BED 6 CLOSET DOOR FROM 2/6 BIFOLD TO 2/6 STD CHANGED STUDY CLOSEST DOOR FROM 2/6 BIFOLD TO 2/6 STD. CHANGED POWDER ROOM LINEN FROM 2/6 BIFOLD TO 2/0 STD.

01-01-22 CHANGED STUDY DOOR FROM 2/4 STD, TO 2/6 STD, EXTENDED POWDER ROOM 2 1/2" INTO FOYER HALLWAY RECENTERED 4/0 OPENING FROM FOYER TO FAMILY ROOM

SQUARETOOTAGE		
HEATED AREAS	ELEV 'A'	
FIRST FLOOR	1039 SQ. FT.	
SECOND FLOOR	1394 SQ. FT.	
TOTAL HEATED SF	2433 SQ. FT.	
UNHEATED AREAS		
2-CAR GARAGE	394 SQ. FT.	
COVERED AREAS		
FRONT PORCH	56 SQ. FT.	
UNCOVERED AREAS		
PAD	16 SQ. FT.	
OPTIONAL PATIO	80 SQ. FT.	
HEATED OPTIONS		
OPTIONAL BEDRM. 4	0	
OPTIONAL BEDRM, 5	0	
OPTIONAL BEDRM, 6	0	
UNHEATED OPTIONS		
OPTIONAL 1-CAR GARAGE	240 SQ. FT.	

SOUARE FOOTAGE

SQUARE FOOTAGE		
HEATED AREAS	ELEV 'B'	
FIRST FLOOR	1039 SQ. FT.	
SECOND FLOOR	1394 SQ. FT.	
TOTAL HEATED SF	2433 SQ. FT.	
UNHEATED AREAS		
2-CAR GARAGE	394 SQ. FT.	
COVERED AREAS		
FRONT PORCH	44 SQ. FT.	
UNCOVERED AREAS		
PAD	16 SQ. FT.	
OPTIONAL PATIO	80 SQ. FT.	
HEATED OPTIONS		
OPTIONAL BEDRM, 4	0	
OPTIONAL BEDRM, 5	0	
OPTIONAL BEDRM, 6	0	
UNHEATED OPTIONS		
OPTIONAL 1-CAR GARAGE	240 SQ. FT.	

SQUARE FOOTAGE		
HEATED AREAS	ELEV 'D'	
FIRST FLOOR	1039 SQ. FT.	
SECOND FLOOR	1394 SQ. FT.	
TOTAL HEATED SF	2433 SQ. FT.	
UNHEATED AREAS		
2-CAR GARAGE	394 SQ. FT.	
COVERED AREAS		
FRONT PORCH	79 SQ. FT.	
UNCOVERED AREAS		
PAD	16 SQ. FT.	
OPTIONAL PATIO	80 SQ. FT.	
HEATED OPTIONS		
OPTIONAL BEDRM. 4	0	
OPTIONAL BEDRM. 5	0	
OPTIONAL BEDRM. 6	0	
UNHEATED OPTIONS		
OPTIONAL 1-CAR GARAGE	240 SQ. FT.	

PURL MOMES

Built by H&H Homes

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OB NUMBER	B−1815932®
AD FILE NAME	PRELUDE-R
SUED	11-08-17
EVISED	11-16-17
	09-21-18
	02-11-20
	04-01-20
	04-08-20
	07-01-22

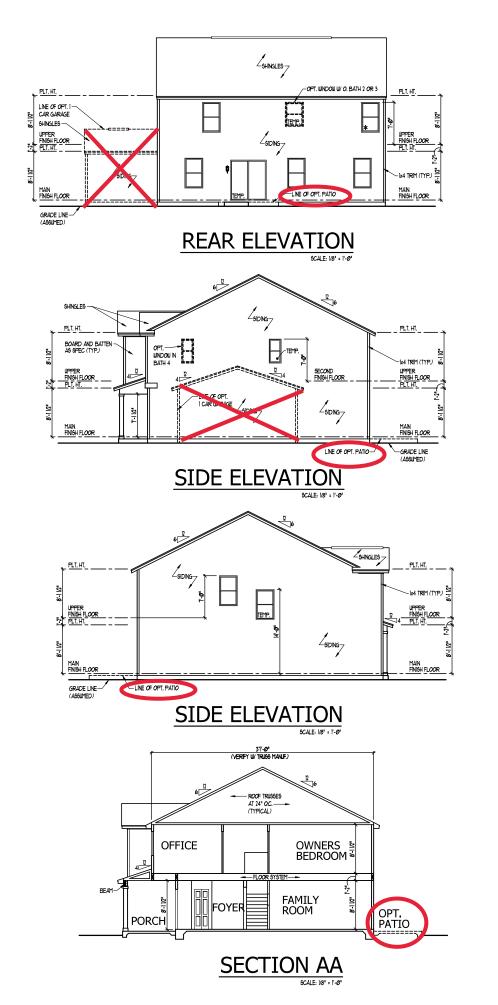
DRAWINGS ON 11"x17" SHEET ARE ONE HALF THE SCALE NOTED

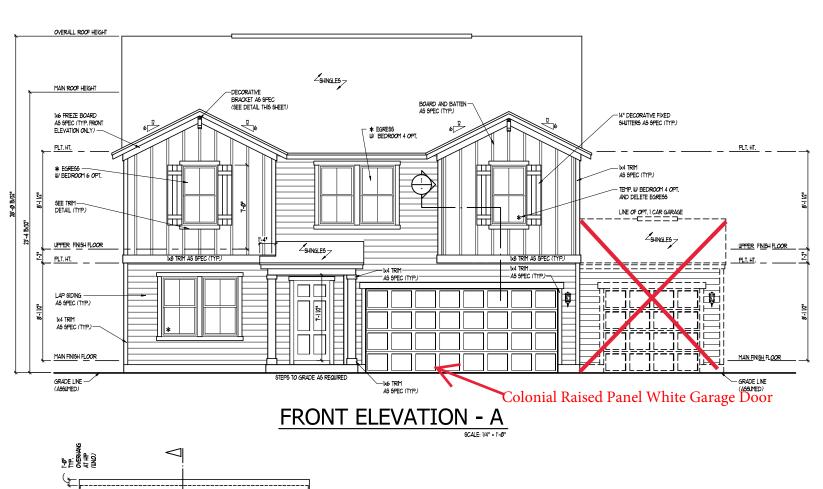
PRELUDE - Garage Right H&H HOMES

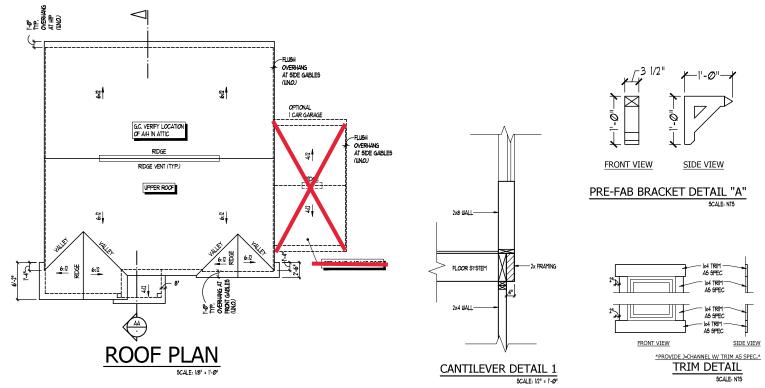
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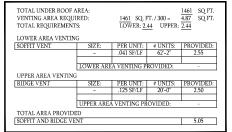
TITLE
REVISION LOG











ISSUANCE OF PLANS FROM THIS DRAFTER'S OFFICE SHALL NOT RELEVE THE BUILDER OF RESPONSIBILITY TO REVIEW AND VERBY ALL NOTES, DYENNIONS, AND ADHERENCE TO APPLICABLE BUILDING CODES FROOR TO CONTRUCTION OF ANY DISCREPANCY OF FROM NOTES, DIPENSIONS, OR ADHERENCE TO APPLICABLE BUILDING CODES SHALL BE DREADED TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORRECTION BEFORE COPPRENCEDTS OF ANY CONSTRUCTION.

ANY REVISIONS OR CHANGES, NOT RELATED TO THE CORRECTION OF ERRORS THAT ARE MADE AFTER THE THALL IT, ANS HAVE DEED COPPLETED SHALL BE SUBJECT TO ADMINIAL ITES.

IF ANY HOOFICATIONS ARE MOLE TO THESE THAN SEY ANY OTHER PARTY OTHER THAN THE DRAFTER'S OFFICE, THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.

ELEVATIONS, ROOF PLAN, & SECTION - TRADITIONAL 'A'

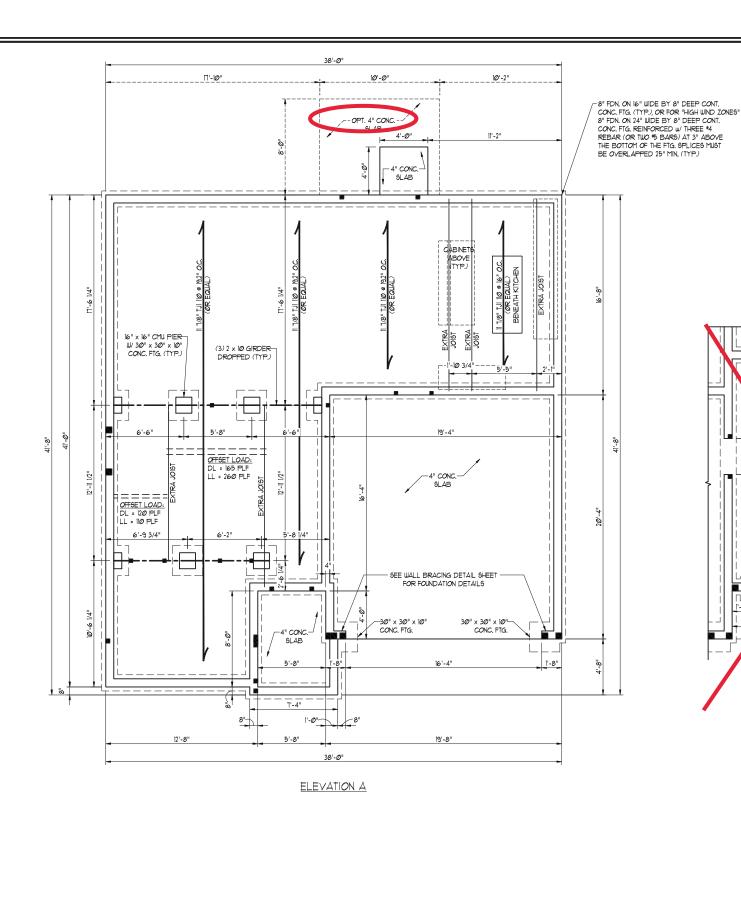


DRAWINGS ON 11"XIT" SHEET ARE ONE HALF THE SCALE NOTED

Right Garage HOME PRELUDE H&H

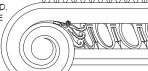
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TITLE
FRONT ELEVATION
REAR ELEVATION
RIGHT AND LEFT ELEVATION
SECTIONAL
ROOF PLAN
MISC DETAILS



SCALE NOTE:

LARGE FORMAT PRINTS ARE TO SCALE AS NOTED. 11" x 17" PRINTS ARE ONE HALF THE NOTED SCALE



HOMPS

wapr wapr

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NOTE: BCI 4500s-1.8 JOISTS MAY BE INSTALLED IN LIEU OF TJI 110 JOISTS AT THE DEPTH AND SPACING INDICATED ON THE

LEGEND

CONT CONTINUOUS

XJ EXTRA JOIST

DJ DOUBLE JOIST

TJ TRIPLE JOIST EA EACH

FDN FOUNDATION

FTG FOOTING
OC ON CENTER

4" CONC .-SLAB

- SEE WALL BRAG

DETAIL SHEET FOR FOUNDATION ETAIL

12'-0"

OPTIONAL I CAR GARAGE

SPF SPRUCE PINE FIR SYP SOUTHERN YELLOW PINE

TRTD PRESSURE TREATED TYP TYPICAL

EW G. 5

7/15/2022

UNO UNLESS NOTED OTHERWISE

150 MPH ULTIMATE DESIGN WIND SPEED NOTES FOR LESS THAN 30' MEAN ROOF HEIGHT:

ENGINEER'S SEAL APPLIES ONLY TO ENGINEER'S GEAL APPLIES CALY TO STRUCTURAL COMPONENTS, ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT NCLUDING ROOF SYSTEM CAROLINA RESIDENTIAL CODE, 2018 EDITION UTIL SPECIAL CANDIDENATION TO CHAPTER 45 ("HIGH WIND ZONES" FOR 150 MBUI INIDIALS").

- MPH WINDS). BUILDER IS TO PROVIDE FRAMING
- BUILDER IS TO PROVIDE FRAMING
 CONNECTIONS AS REQUIRED BY CHAPTER
 45 ("HIGH UND ZONES" FOR BO MPH
 UNDES) OF THE MORTH CAROLINA
 RESIDENTIAL CODE, 2018 EDITION,
 FOUNDATION ASCHORAGE TO COMPLY, WITH
 SECTION 4504 OF THE MORTH CAROLINA
 RESIDENTIAL CODE, 2018 EDITION,
 TEAN ROOF HEIGHT IS LESS THAN 39 FEET.
 IMILIAL CLADIONS DESIGNED FOR 40.43 PET.
- WALL CLADDING DESIGNED FOR +243 PSF AND -32 PSF (+/- INDICATE POSITIVE /

- AND -32 PBF (4* NDICATE POSITIVE / NEGATIVE PRESSURE (TTV). ROOF CLADDING DESIGNED FOR 2022 PBF AND -38 PBF FOR ROOF PITCHES 7/87 TO 12/12 AND 44 PBF AND -51 PBF FOR ROOF PITCHED 225/8/10 7/8.

 AND 44 PBF AND -51 PBF FOR ROOF PITCHED 225/8/10 7/8.

 LEXTERIOR WALLIS. UNLESS THE REQUIRED ON ALL EXTERIOR WALLIS TO BE BRACED IN ACCORDANCE WITH SECTION REGIZIS OF THE NORTH CAROLINA RESIDENTIAL CODE, 26/8 EDITION AND AS NOTED ON PLANS. ENERGY EFFICIENCY COMPLIANCE AND NOLLATION VALUES OF THE BUILDING TO PE IN ACCORDANCE WITH CLAPTER 10. BE IN ACCORDANCE WITH CHAPTER II OF THE NCRC, 2018 EDITION.

120 MPH ULTIMATE DESIGN WIND SPEED NOTES FOR LESS THAN 30' MEAN ROOF HEIGHT:

- ENGINEER'S SEAL APPLIES ONLY TO
 STRUCTURAL COMPONENTS. ENSINEER'S SEAL
 DOES NOT CERTIFY DIMENSIONAL
 ACCURACY OF ACCHITECTURAL LAYOUT
 NCLUDNS ROOF SYSTEM
 STRUCTURAL DESIGN FER NORTH CAROLINA
 RESIDENTIAL CODE, 20% EDITION
 NOTALL 12", WANCHOR BOLTS 6"-0" OC. AND
 WITHIN 1-0" FROM END OF EACH CORNER
 ANCHOR ROLTS HAST EXTEND A MINIMUM
 T" INTO MASONEY OR CONCRETE. LOCATE
 BOLT WITHIN MIDDLE THIRD OF PLATE WITHIN
 1. PEAN ROOF HEIGHT IS LESS THAN 30" FEET.
 5. EXTERIOR WALLS DESIGNED FOR 12" INFHWINDS.

- Developer wells designed for 120 feb.

 Extended wells designed for 120 feb.

 Well culdling designed for 125 feb.

 Well culdling designed for 125 feb.

 Regards feb.

 Regards
- NCRC, 2018 EDITION. 10. REFER TO NOTES AND DETAIL SHEETS FOR
- ADDITIONAL STRUCTURAL INFORMATION

STRUCTURAL NOTES:

ALL FRAMING LUMBER TO BE 12 SPF (UNO), ALL TREATED LUMBER TO BE 12 SYP (UNO.) INSTALL AN EXTRA OR DOUBLE JOIST UNDER

- NOTALL AN EXTRA OR DOUBLE JOIST UNDER WALLS PARALLEL TO FLOOR JOISTS WHERE NOTED ON THE PLANS.

 SOLVARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION.

 SHADED PIERS TO BE FILLED SOLID.
- INSTALL LADDER WIRE @ 16" O.C. TO SECURE MULTIPLE WYTHE FOUNDATION WALLS TOGETHER. REFER TO NOTES AND DETAIL SHEETS FOR

ATE: JULY 14, 2022

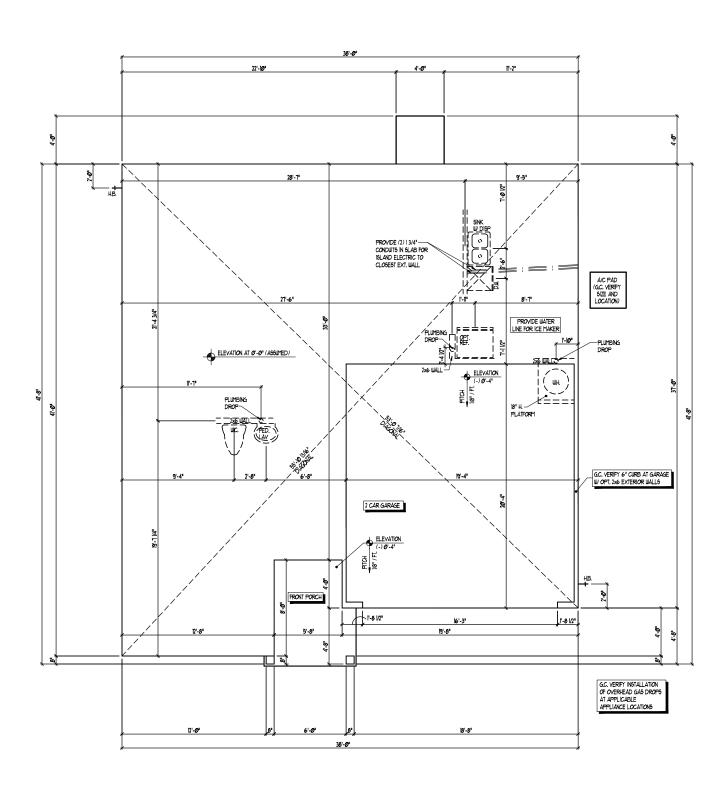
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ADDITIONAL STRUCTURAL INFORMATION.

PRELUDE & H HOMES

RAWN BY: PURL HOMES INEERED BY: JAG

SHEET: 1 OF: 13 CRAWL FOUNDATION PLAN





DRAWINGS ON 11"x17" SHEET ARE ONE HALF THE SCALE NOTED

Right Garage H&H HOMES PRELUDE

2435

• TITLE SLAB INTERFACE PLAN

SLAB INTERFACE PLAN
ELEVATION A SHOWN
SMILAR AT ALL ELEVATIONS (NO PLUMBING CHANGES)

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

ISSUANCE OF PLANS FROM THIS DRAFTER'S OFFICE SHALL NOT RELIEVE THE BUILDER OF RESPONSIBILITY TO REVIEW AND VERRY ALL NOTES, DIPENSIONS, AND ADJETENCE TO APPLICABLE BUILDING CODES PRIOR TO COMPENCE THE OFFICE AND CONSTRUCTION.

ANY DISCREPANCY OF ERROR IN NOTES, DIPENSIONS, OR ADJETENCE TO APPLICABLE BUILDING CODES SHALL BE BROUGHT TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORRECTION BEFORE COMPENCEDTO OF ANY TO ANY CONSTRUCTION.

ANY REVISIONS OR CHANCES, NOT RELATED TO THE CORRECTION OF ERRORS THAT ARE MADE AFTER THE RINAL PLANS HAVE BEEN COPYLETED SHALL BY BUILDED TO DOTIONAL HERS.

IF ANY TOOLOGICATIONS ARE THADE TO THEE PLANS BY ANY OTHER PARTY OTHER THAN THE DRAFTER'S OFFICE, THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.

2'-1 1/2" 2'-8" PLUMBING DROP OPT. FULL BATH 3 ILO PDR. G.C. VERIFY 6" CURB AT GARAGE W/ OPT. 2x6 EXTERIOR WALLS ELEVATION (-) Ø'-4" FLUMBING DROP RELOCATED
W THIS OPT. 50'-0" OVERALL OPT. 1 CAR GARAGE

SLAB INTERFACE PLAN OPTIONS

Built by H&H Homes

 VOB NUMBER
 B-1815932*

 CAD FILE NAME
 PRELUDE-R

 ISSUED
 11-08-17

 REVISED
 11-16-17

 09-21-18

DRAWINGS ON 11"x17" SHEET ARE ONE HALF THE SCALE NOTED

Garage Right PRELUDE - GAHARH HOMES

2435

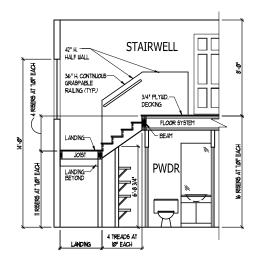
TITLE SLAB INTERFACE PLAN OPTIONS

ISSUANCE OF PLANS FROM THIS DRAFTER'S OFFICE SHALL NOT RELIEVE THE BUILDER OF RESPONSIBILITY TO REVIEW AND VERRY ALL NOTES, DIPENSIONS, AND ADJETENCE TO APPLICABLE BUILDING CODES PRIOR TO COMPENCE THAT OF ANY CONSTRUCTION.

ANY DISCORPANCY OF ERROR IN NOTES, DIPENSIONS, OR ADJETENCE TO APPLICABLE BUILDING CODES SHALL BE BROUGHT TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORRECTION BEFORE COTPENSION OF ANY DEVIANGEMENT OF ANY CONSTRUCTION.

ANY REVISIONS OR CHANCES NOT RELATED TO THE CORRECTION OF ERRORS THAT ARE MADE AFTER THE FINAL PLANS HAVE BEEN COTPLETED SHALL BE SUBJECT TO ADDITIONAL FEES.

IF ANY THOOFICIATIONS ARE MADE TO THESE PLANS BY ANY OTHER PARTY OTHER THAN THE DRAFTER'S OFFICE, THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.



STAIR NOTES:

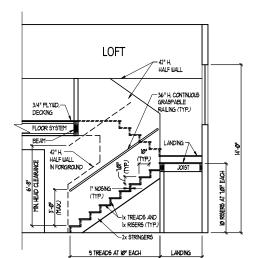
BALUSTERS SHALL BE SPACED SO THAT A 4" SPHERE CANNOT PASS THROUGH

OF A GUARD AT THE OPEN SIDE OF A STAIRWAY ARE PERMITTED TO BE A SUCH A SIZE THAT A SPHERE OF 6 INCHES CANNOT PASS THROUGH

OPENINGS FOR REQUIRED GUARDS ON THE SIDES OF STAIR TREADS SHALL NOT ALLOW A SPHERE 4 3/8 INCHES TO PASS THROUGH

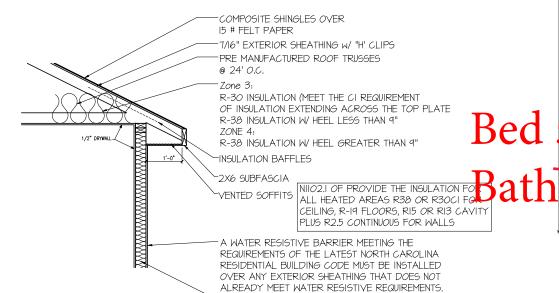
HANDRALE, HANDRALES FOR STAIRILAYS SHALL BE CONTINUOUS FOR THE FULL LENGTHOF THE FLUSH IF, ROYM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLUSH IF A POINT DIRECTLY ABOVE THE LOUEST RISER. WHADRALL HOS SHALL BE RETURNED OR SHALL TERMINATE IN NEUEL POSTS OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN I-I/2 INCH BETWEEN THE WALL AND HANDRAILS.

CONTINUOUS GRASPABLE HANDRAIL MUST MEET TYPE ONE OR TYPE TUO CRITERIA * * * * * * *



	WINDOW SCHEDULE				
	MARK	SIZE		TYPE	HEA
		WIDTH	HEIGHT	ITPE	HEIG
	1	3'0"	5'0"	SINGLE HUNG	7'0
	2	2'0"	4'0"	SINGLE HUNG	7'0
	(3)	3'0"	4'0"	SINGLE HUNG	7'0
	CEE DI AN EOD NOTES ON EODESS TEMP & ETC				

STAIR SECTION

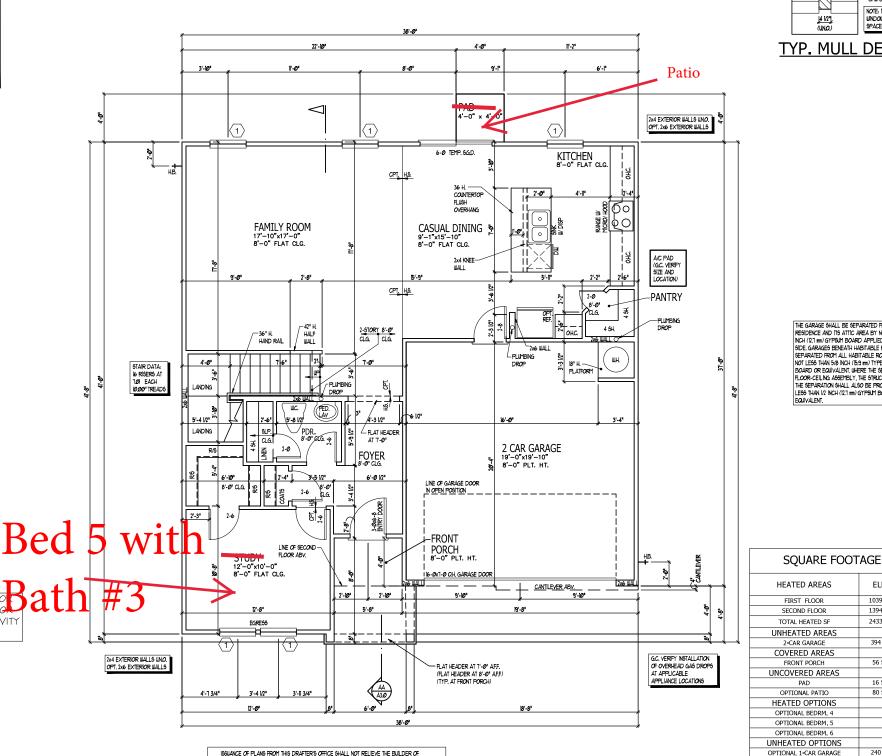


Zone 3 or Zone 4:

R-15 INSULATION OR

R-13 CAVITY INSULATION + R-2.5 CI

INSULATION DETAIL



HATCHING —INDICATES 2x FRAMING AT CMU CONDITION NOTE: MULLED J4 1/2"], TYP. MULL DETAIL

REVISED

ð

Built

DRAIIINGS ON II"xIT" SHEET ARE ONE HALF THE SCALE NOTED

THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND TIS ATTIC AREA BY NOT LESS THAN 1/2 NCH (12.7 mm) GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED FROM ALL HABITABLE ROOMS ABOVE BY NOT LESS THAN 5/8 INCH (IS 9 mm) TYPE "X" GYPSIM ROT LESS HAM SIGNINGH (B.3 mm) THE "X" GH POUT BOARD OR EQUIVALENT, WHERE THE SEPARATION IS A FLOOR-CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2 INCH (1/2.1 mm) GYPSM BOARD OR

ELEV 'A'

1039 SQ. FT.

2433 SQ. FT.

394 SQ. FT.

56 SQ. FT.

16 SQ. FT.

80 SQ. FT.

240 SQ. FT.

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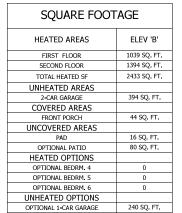
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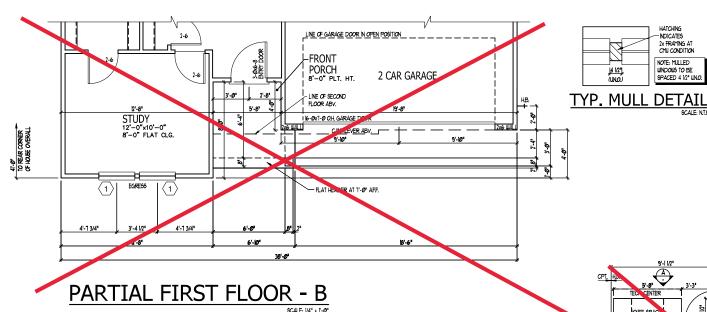
MAIN FLOOR PLAN STAIR SECTION DETAILS

ISSUANCE OF PLANS FROM THIS DRAFTER'S OFFICE SHALL NOT RELIEVE THE BUILDER OF ISSUANCE OF PLANS ROYTHIS DRAFTERS OFFICE SHALL NOT RELEVE THE BUILDER OF SEPONSBULTY TO EXPEUL AND VERIFY ALL NOTES, DIPMENION, AND DAVERSIVE TO APPLICABLE BUILDING CODES PRIOR TO COMPENCEPHOT OF ANY CONSTRUCTION. ANY DISCREPANCY OF ERROR NOTES, DIPMSNOON, OR ADVERSIVE TO APPLICABLE BUILDING CODES SHALL BE BROUGHT TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORRECTION BEFORE COMPENCEPHOT ANY CONSTRUCTION. ANY REVISIONS OR CHANGES NOT RELATED TO THE CORRECTION OF ERRORS THAT ARE MADE SETED THE SHALL PANEL HOUSE BEFORE VIOLED TO THE CORPECTION OF ERRORS THAT ARE MADE.

AFTER THE FINAL PLANS HAVE BEEN COMPLETED SHALL BE SUBJECT TO ADDITIONAL FEES. IF ANY MODIFICATIONS ARE MADE TO THESE PLANS BY ANY OTHER PARTY OTHER THAN THE DRAFTER'S OFFICE, THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.

FIRST FLOOR PLAN - A



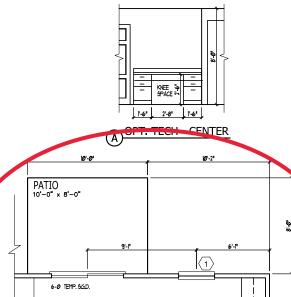


9-11/2*
5'-8' A3'-3'
TECK CENTER TOPT. BY
IQUEE SPACE
2x6 WALL 2x
F :BNG →
DRO. —2x6 WALL
OFT TECH CENTED
OPT. TECH - CENTER
SCALE: 1/4" = 1'-0"

2-STORY 8'-0" CLG. CLG.

HATCHING -- INDICATES 2x FRAMING AT CMU CONDITION

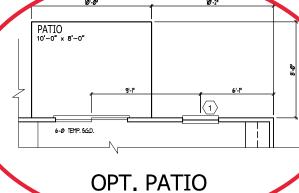
NOTE: MULLED WINDOWS TO BE SPACED 4 1/2" UNO.

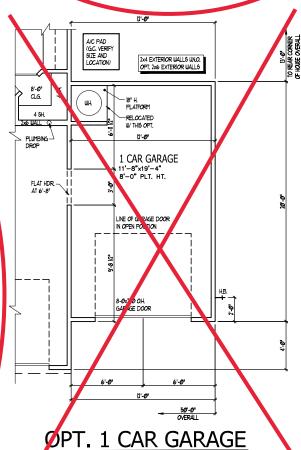


COMMENCEMENT OF ANY CONSTRUCTION.

ISSUANCE OF PLANS FROM THIS DRAFTERS OFFICE SHALL NOT RELIEVE THE BUILDER OF RESPONSIBILITY TO REVIEW AND VERRY ALL NOTES, DIVENSIONS, AND ADVERBNCE TO APPLICABLE BUILDING CODES FROOR TO CONTRECEPION OF ANY CONSTRUCTION,
ANY DISCREPANCY OF ERROR IN NOTES, DIVENSIONS, OR ADVERSIONE OF APPLICABLE BUILDING CODES SHALL BE DROUGHT TO THE ATTENTION OF THE DRAFTERS OFFICE FOR CORRECTION BEFORE

COMPINCEPON OF ANY CONSTRUCTION
ANY REVISION OF CHAVASE, NO RELATED TO THE CORRECTION OF ERRORS THAT ARE MADE
AFTER THE FINAL PLANS HAVE BEEN COMPILETED SHALL BE SIGNECT TO ADDITIONAL FIES
IF ANY MODIFICATIONS ARE MADE TO THESE PLANS BY ANY OTHER RHAY THER THAN THE
DRAFTERS OFFICE, THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.





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• TITLE PLAN OPTIONS REFER TO STANDARD SLAN FOR INFORMATION NOT SHOUN

Illd

 JOB NUMBER
 B-1815932

 CAD FILE NAME
 PRELUDE-I

 ISSUED
 11-08-17

 REVISED
 11-16-17

DRAWINGS ON 11"XIT" SHEET ARE ONE HALF HE SCALE NOTED

Right

Garage

PRELUDE

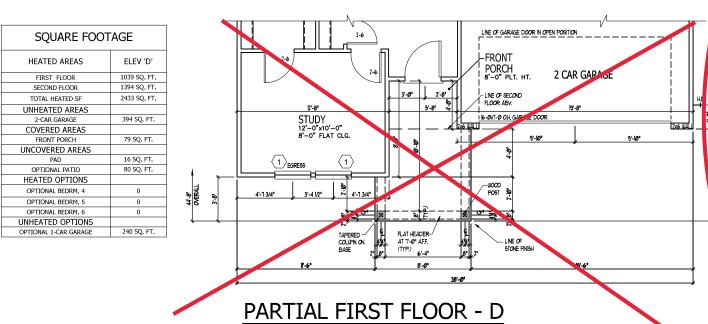
HOME

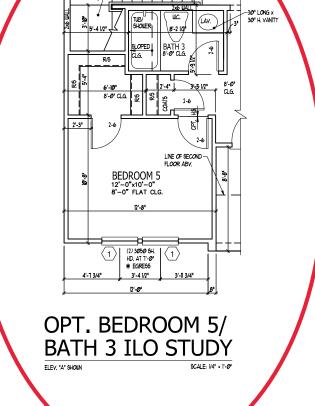
H&H

Built by

02-11-20 04-01-20 04-08-20

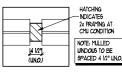
WINDOW SCHEDULE				
MARK		BIZE	TYPE	HEAD
MARK	WIDTH	HEIGHT	ITPE	HEIGHT
1	3'0''	5'0''	SINGLE HUNG	7'0"
2	2'0"	4'0"	SINGLE HUNG	7'0"
(3)	3'0"	4'0"	SINGLE HUNG	7'0"
SEE PLAN FOR NOTES ON EGRESS, TEMP., & ETC.				





FIRST FLOOR PLAN OPTIONS

SQUARE FOOTAGE		
HEATED AREAS	ELEV 'D'	
FIRST FLOOR	1039 SQ. FT.	
SECOND FLOOR	1394 SQ. FT.	
TOTAL HEATED SF	2433 SQ. FT.	
UNHEATED AREAS		
2-CAR GARAGE	394 SQ. FT.	
COVERED AREAS		
FRONT PORCH	79 SQ. FT.	
UNCOVERED AREAS		
PAD	16 SQ. FT.	
OPTIONAL PATIO	80 SQ. FT.	
HEATED OPTIONS		
OPTIONAL BEDRM, 4	0	
OPTIONAL BEDRM. 5	0	
OPTIONAL BEDRM. 6	0	
UNHEATED OPTIONS		



TYP. MULL DETAIL SCALE: NT.9.

JOB NUMBER	B-1815932
CAD FILE NAME	PRELUDE-
ISSUED	11-08-17
REVISED	11-16-17
	09-21-18
	02-11-20
	04-01-20
	04-08-20
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PURL

Built by H&H Homes

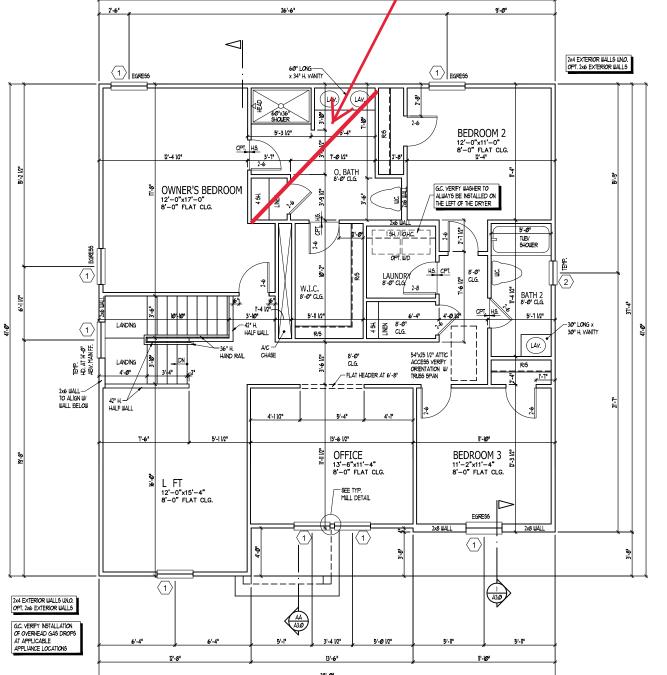
DRAWINGS ON 11"x17" SHEET ARE ONE HALF THE SCALE NOTED

Right Garage HOME PRELUDE H&H

2435

TITLE UPPER FLOOR PLAN

SECOND FLOOR PLAN - A



Owner Bath #2

WINDOW SCHEDULE

1 3'0" 5'0" SINGLE HUNG (2) 2'0" 4'0" SINGLE HUNG

3 3'0" 4'0" SINGLE HUNG SEE PLAN FOR NOTES ON EGRESS, TEMP., & ETC.

HEAD HE**I**GHT

SIZE

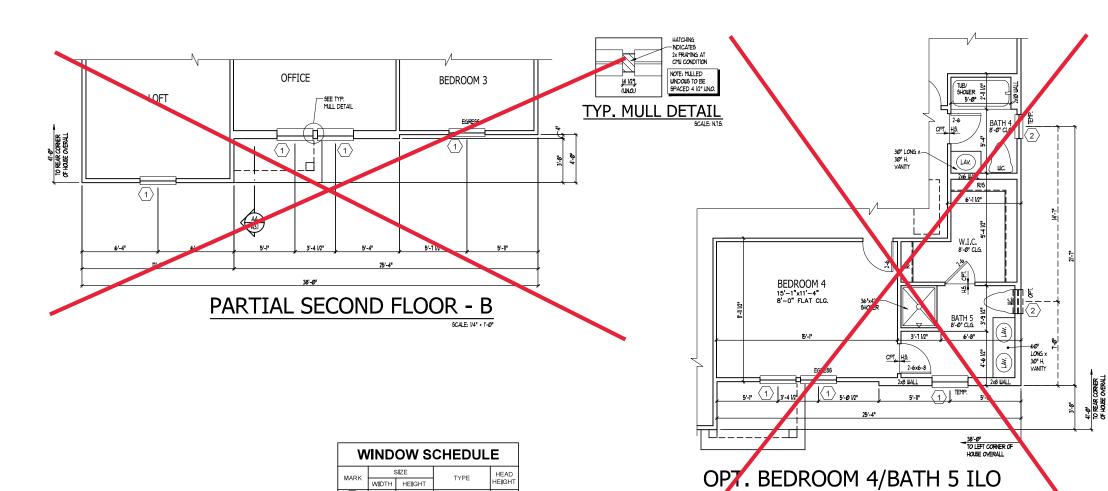
WIDTH HEIGHT

ISSUANCE OF PLANS FROM THIS DRAFTERS OFFICE SHALL NOT RELIEVE THE BUILDER OF REPRONBILITY TO REVIEW AND VERRY ALL NOTES, DIPENSIONS, AND ADHERENCE TO APPLICABLE BUILDING CODES PRIOR TO COMPENCE PRIOR OF ANY CONSTRUCTION.

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OPT BEDROOM 6 ILO LONGELLO SCALE, U4' - 1-0

SECOND FLOOR PLAN OPTIONS





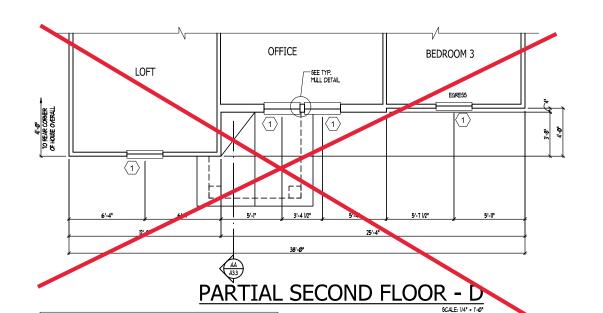
DRAWINGS ON 11"x17" SHEET ARE ONE HALF THE SCALE NOTED

Right

Garage HOME PRELUDE H&H

2435

TITLE PLAN OPTIONS



3'0" 5'0"

2'0"

4'0"

(3) 3'0" 4'0" SINGLE HUNG

SEE PLAN FOR NOTES ON EGRESS, TEMP., & ETC.

SINGLE HUNG

SINGLE HUNG



BEDROOM 3 AND OFFICE



1961/JACE OF PLANS FROM THIS DRAFTER'S OFFICE SHALL NOT RELIEVE THE BUILDER OF RESPONSIBILITY TO REVIEW AND VERRY! ALL NOTES, DYENSIONS, AND ADHERENCE TO APPLICABLE BUILDING CODES PRIOR TO CONTRECEDED TO ANY DISCREPANCY OF ERROR IN NOTES, DIPENSIONS, OR ADHERENCE TO APPLICABLE BUILDING CODES SHALL BE BROUGHT TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORRECTION BEFORE COMPINIONED OR ANY CONSTRUCTION.

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ELECTRICAL KEY

DUPLEX CONVENIENCE OUTLET

DUPLEX OUTLET ABOVE COUNTER

₩, WEATHERPROOF DUPLEX OUTLET

Hara Ground Fault interrupter duplex outlet

HALF-SWITCHED DUPLEX OUTLET

HO SPECIAL PURPOSE OUTLET DUPLEX OUTLET IN FLOOR

220 VOLT OUTLET

WALL SWITCH

THREE-WAY SWITCH

FOUR-WAY SWITCH

\$D DIMMER SWITCH

CEILING MOUNTED INCANDESCENT LIGHT FIXTURE

WALL MOUNTED INCANDESCENT LIGHT FIXTURE

RECESSED INCANDESCENT LIGHT FIXTURE FIG. LIGHT FIXTURE WITH PULL CHAIN

TRACK LIGHT

FLUORESCENT LIGHT FIXTURE

EXHAUST FAN EXHAUST FAN/LIGHT COMBINATION

ELECTRIC DOOR OPERATOR (OPTIONAL)

CH CHIMES (OPTIONAL) PUSHBUTTON SWITCH (OPTIONAL)

(SA) CARBON MONOXIDE DETECTOR

(S) SMOKE DETECTOR SDON SMOKE / CARBON MONO. COMBO DETECTOR

TELEPHONE (OPTIONAL)

TELEVISION (OPTIONAL) THERMOSTAT

ELECTRIC METER

ELECTRIC PANEL

_ DISCONNECT SWITCH ⊗ SPEAKER (OPTIONAL)

ROUGH-IN FOR OPT, CEILING FAN

CEILING MOUNTED INCANDESCENT LIGHT FIXTURE W
ROUGH-IN FOR OPT. CEILING FAN

NOTES:

1. PROVIDE AND INSTALL <u>GROUND FAULT CIRCUIT-INTERRUPTERS</u> (G.F.I.) AS INDICATED ON PLANS OR AS ITEM NO. 4 AND 5 BELOW INDICATES.

2. UNLESS OTHERWISE INDICATED, INSTALL SWITCHES AND RECEPTACLES AT THE FOLLOWING HEIGHTS ABOVE FINISHED FLOOR SWITCHES.... 42*
OUILETS.... 14*

TELEPHONE...14" (UNLESS ABV COUNTERTOP)
TELEVISION...14"

3. ALL SMOKE DETECTORS SHALL BE HARDWIRED NTO AN ELECTRICAL POWER SOURCE AND SHALL BE EQWIPPED WITH A MONITORED BATTERY BACKUP. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS.

4. ALL BA AND 20A RECEPTACLES IN SLEEPING ROOMS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARES, DENS, SURROOMS, RECREATION ROOMS, CLOSETS, HALLIMYS, AND SMILAY RAESA UILL REQUIRE A COMBINION TYPE AFCI. DEVICE AND TAMPER-PROOF RECEPTACLES PER NEC. 2011 406-11 AND 406-15

5. ALL 15A AND 20A 120Y RECEPTACLES LOCATED IN THE GARAGE AND UTILITY ROOMS SHALL BE GFC.I. PROTECTED (GF1).

6. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICIAN TO ENSURE THAT ALL ELECTRICAL WORK IS IN FULL COMPLIANCE WITH NEPA. TO, NEC. 2011, AND ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDINANCES.

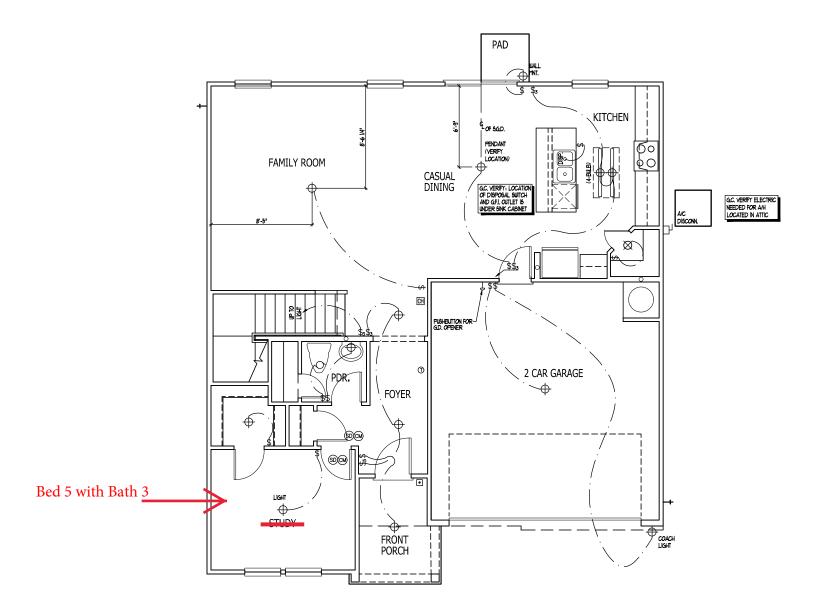
1. EVERY BUILDING HAVING A FOSGIL-RIEL-BURNING HEATER OR APPLIANCE, FIREPLACE, OR AN ATTACHED GARAGE SHALL HAVE AN OFFERATIONAL CARECH MONOXIDE DETECTOR INSTALLED WITHIN 10 FIET OF EACH ROOM USED FOR SLEEPING PURPOCES.

8. ALAPH'S SHALL RECEIVE THEIR PROHARY POWER FROM THE BUILDING WIRING WHEN SUCH WIRING IS SERVED FROM THE LOCAL POWER WITH'T, SUCH ALAPH'S SHALL HAVE BATTERY BACKIP COMENIATION SHOKE/CARBEN HOWONDE ALAPHS SHALL BE LISTED OR LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.

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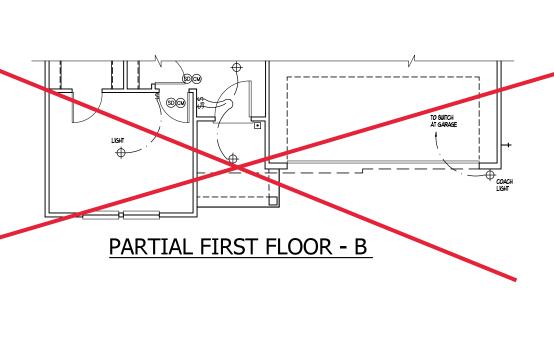


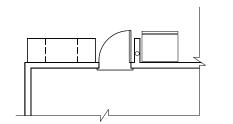
DRAWINGS ON 11"XIT" SHEET ARE ONE HALF THE SCALE NOTED

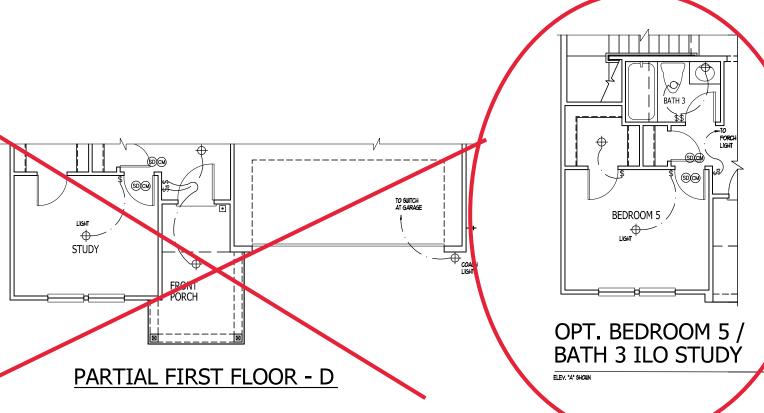
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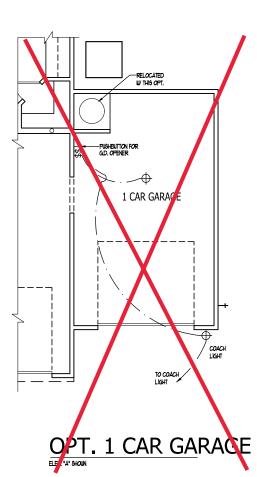
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TITLE
MAIN FLOOR ELEC. PLAN









FIRST FLOOR ELECTRICAL PLAN OPTIONS



REVISED

DRAWINGS ON 11"x17" SHEET ARE ONE HALF THE SCALE NOTED

Right Garage OME 工 H&H 山 PRI

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TITLE ELECTRIC AT PLAN OPTIONS

ELECTRICAL KEY

DUPLEX CONVENIENCE OUTLET DUPLEX OUTLET ABOVE COUNTER

HEATHERPROOF DUPLEX OUTLET

 $\biguplus_{\overline{a}_{F,L}}$ ground fault interrupter duplex outlet

HALF-SWITCHED DUPLEX OUTLET SPECIAL PURPOSE OUTLET

Ю

DUPLEX OUTLET IN FLOOR

₩ 220 YOLT OUTLET WALL SWITCH

THREE-WAY SWITCH FOUR-WAY SWITCH

\$D DIMMER SWITCH CEILING MOUNTED INCANDESCENT LIGHT FIXTURE

WALL MOUNTED INCANDESCENT LIGHT FIXTURE

RECESSED INCANDESCENT LIGHT FIXTURE

TRACK LIGHT

FLUORESCENT LIGHT FIXTURE EXHAUST FAN

EXHAUST FAN/LIGHT COMBINATION

(OPTIONAL) CHIMES (OPTIONAL)

PUSHBUTTON SWITCH (OPTIONAL) CARBON MONOXIDE DETECTOR

® SMOKE DETECTOR SDO SMOKE / CARBON MONO. COMBO DETECTOR

TELEPHONE (OPTIONAL)

TELEVISION (OPTIONAL) THERMOSTAT

ELECTRIC METER

ELECTRIC PANEL ___ DISCONNECT SWITCH

⊗ SPEAKER (OPTIONAL)

`*\^ ROUGH-IN FOR OPT, CEILING FAN

CEILING MOUNTED INCANDESCENT LIGHT FIXTURE W
ROUGH-IN FOR OPT, CEILING FAN

PROVIDE AND INSTALL GROUND FAULT CIRCUIT-INTERRUPTERS (GFL) AS INDICATED ON PLANS OR AS ITEM NO. 4 AND 5 BELOW INDICATES.

2. UNLESS OTHERWISE INDICATED, INSTALL SWITCHES AND RECEPTACLES AT THE

CUIT.LES.... 42"
CUIT.LES.... 14"
TELEPHONE... 14" (INLESS ABY COUNTERTOP)
TELEVISION... 14"

3. ALL 9YOKE DETECTORS SHALL BE HARDWRED NTO AN ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONTORED BATTERY BACKUP, PROVIDE AND NSTALL LOCALLY CERTIFIED SYCKE DETECTORS.

4. ALL BA AND 20A RECEPTACLES IN SLEEPING ROOMS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LERRARIES, DENS, SURROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, AND SHILLAR AREAS WILL REQUIRE A COMBINATION TYPE AFC.I DEVICE AND TAMPER-PROOM RECEPTACLES PER NEC. 201 406/13 AND 406/15

5, ALL ISA AND 2014 120V RECEPTACLES LOCATED IN THE GARAGE AND UTILITY ROOMS SHALL BE GF.C.I. PROTECTED (G.F.I).

6. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICIAN TO ENSURE THAT ALL ELECTRICAL WORK IS IN FILL COMPLIANCE WITH NEPA. 19, NEC. 2011, AND ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDINANCES.

T EVERY PULL DING HAVING A FOSSIL-RUEL-BURNING HEATER OR APPLIANCE I. EYERT DUILDMS HAYING A PLODIL-PUEL-DURNING HEALEN OR APPLIANCE, FIREPLACE, OR AN ATTACHED GARAGE SHALL HAYE AN OPERATIONAL CARBON MONOXIDE DETECTOR INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING PURPOSES.

8. ALARY'S SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHEN SUCH WIRING IS SERVED FROM THE LOCAL POWER WILLTY, SUCH ALARY'S SHALL HAVE BATTERY BACKUP, COMBINATION SYCKEICARBON MONOXIDE ALARY'S SHALL BE LISTED OR LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.

ISSUANCE OF PLANS FROM THIS DRAFTER'S OFFICE SHALL NOT RELIEVE THE BUILDER OF RESPONSIBILITY TO REVIEW AND VERITY ALL NOTES, DIMENSIONS, AND ADHERENCE TO APPLICABLE BUILDING CODES FRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.

ANY DISCREPANCY OF ERROR IN OFFICE, DITENSIONS, OR ADJECTION TO APPLICABLE BUILDING CODES SHALL BE BROUGHT TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORRECTION BEFORE

CODES SHALL BE ENDOMENT TO THE ATTENTION OF THE DRAFFLESS OFFICE FOR CORRECTION BEFORE CONTRIBUTION OF ANY COMMISSION OF ANY COMMISSION OF THE CORRECTION OF ERRORS THAT ARE MADE AFTER THE FINAL PLANS HAVE BEEN COMPLIED SHALL BE SUBJECT TO ADDITIONAL FIELS. IF ANY MODERCATIONS ARE MADE TO THESSE PLANS BY ANY OTHER PARTY OTHER THAN THE DRAFFLER'S OFFICE, THE DRAFFLER SHALL NOT BE HELD RESPONSIBLE.

ELECTRICAL KEY

DUPLEX CONVENIENCE OUTLET

DUPLEX OUTLET ABOVE COUNTER

HEATHERPROOF DUPLEX OUTLET

GROUND FAULT INTERRUPTER DUPLEX OUTLET

HALF-SWITCHED DUPLEX OUTLET HO SPECIAL PURPOSE OUTLET

DUPLEX OUTLET IN FLOOR

220 VOLT OUTLET

WALL SWITCH

THREE-WAY SWITCH \$4 FOUR-WAY SWITCH

\$D DIMMER SWITCH

CEILING MOUNTED INCANDESCENT LIGHT FIXTURE

WALL MOUNTED INCANDESCENT LIGHT FIXTURE

RECESSED INCANDESCENT LIGHT FIXTURE P.C. LIGHT FIXTURE WITH PULL CHAIN

TRACK LIGHT

FLUORESCENT LIGHT FIXTURE

Ó EXHAUST FAN

EXHAUST FAVLIGHT COMBINATION ELECTRIC DOOR OPERATOR (OPTIONAL)

CHIMES (OPTIONAL)

PUSHBUTTON SWITCH (OPTIONAL)

CARBON MONOXIDE DETECTOR SMOKE DETECTOR

(50)(0A) SMOKE / CARBON MONO. COMBO DETECTOR

TELEPHONE (OPTIONAL)

TELEVISION (OPTIONAL)
THERMOSTAT

ELECTRIC METER

ELECTRIC PANEL

DISCONNECT SWITCH ⊗ SPEAKER (OPTIONAL)

`*\^ ROUGH-IN FOR OPT, CEILING FAN

CEILING MOUNTED INCANDESCENT LIGHT FIXTURE W
ROUGH-IN FOR OPT. CEILING FAN

NOTES:

1. PROVIDE AND INSTALL <u>GROUND FAULT CIRCUIT-INTERRUPTERS</u> (G.F.I.) AS INDICATED ON PLANS OR AS ITEM NO. 4 AND 5 BELOW INDICATES.

2. UNLESS OTHERWISE INDICATED, INSTALL SWITCHES AND RECEPTACLES AT THE FOLLOWING HEIGHTS ABOVE FINISHED FLOOR:

SWITCHES....42* OUTLETS....14*

TELEPHONE . . 14" (UNLESS ABY COUNTERTOP)
TELEVISION . . 14"

3. ALL SMOKE DETECTORS SHALL BE HARDWIRED INTO AN ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP. PROVIDE AND INSTALL LOCALLY CERTIFIED <u>SMOKE DETECTORS</u>,

4. ALL BA AND 20A RECEPTACLES IN SLEEPING ROOMS, FAMILY ROOMS, DNING ROOMS, LIMMG ROOMS, PARLORS, LIBRARIES, DENS, SURROOMS, RECREATION ROOMS, CLOSETS, HALLMYS, AND SMILAR AREAS MILL REQUIRE A COMBINATION TYPE AFFAL DEVICE AND TAMPER-PROOF RECEPTACLES PER NEC. 2011 406.12 AND 406.13

5, ALL IBA AND 20A 120V RECEPTACLES LOCATED IN THE GARAGE AND UTILITY ROOMS SHALL BE GFC.I. PROTECTED (GF.I).

6. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICIAN TO ENSURE THAT ALL ELECTRICAL WORK IS IN FILL COMPLIANCE WITH NEPA. 10, NEC. 2011, AND ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDINANCES.

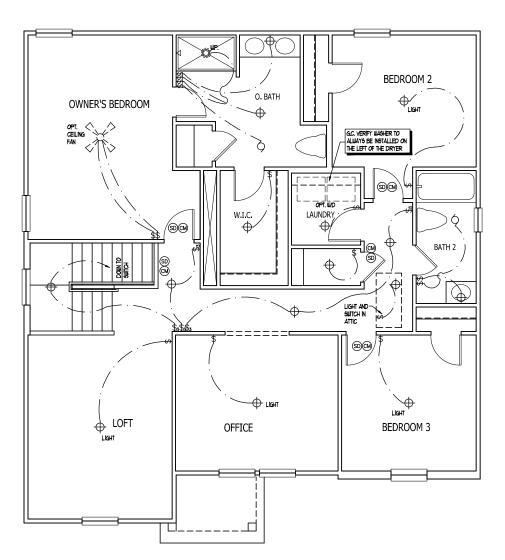
1. EVERY BUILDING HAVING A FORGIL-FUEL-BURNING HEATER OR APPLIANCE FIREPLACE, OR AN ATTACHED GARAGE SHALL HAVE AN OFERATIONAL CARBON MONOVOED DETECTOR INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING FURFOCKS.

8. ALAPHS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHEN SUCH WIRING IS SERRED FROM THE LOCAL POWER WITHTY, SUCH ALAPHS SHALL HAVE BACKIET, COMBINATION SYCKETCARBON PROVIDED ALAPHS SHALL BE LISTED OR LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATIONY.

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DRAWINGS ON 11"XIT" SHEET ARE ONE HALF THE SCALE NOTED

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SECOND FLOOR ELECTRICAL PLAN A

ELECTRICAL KEY

DUPLEX CONVENIENCE OUTLET

DUPLEX OUTLET ABOVE COUNTER

HE WEATHERPROOF DUPLEX OUTLET GROUND FAULT INTERRUPTER DUPLEX OUTLET

HALF-SWITCHED DUPLEX OUTLET

SPECIAL PURPOSE OUTLET

DUPLEX OUTLET IN FLOOR

₩ 220 VOLT OUTLET

WALL SWITCH THREE-WAY SWITCH

FOUR-WAY SWITCH

DIMMER SWITCH

CEILING MOUNTED INCANDESCENT LIGHT FIXTURE

WALL MOUNTED INCANDESCENT LIGHT FIXTURE

RECESSED INCANDESCENT LIGHT FIXTURE Ŷ LIGHT FIXTURE WITH PULL CHAIN

♣Ec. TRACK LIGHT

FLUORESCENT LIGHT FIXTURE

EXHAUST FAN

EXHAUST FAN/LIGHT COMBINATION

ELECTRIC DOOR OPERATOR (OPTIONAL) CHIMES (OPTIONAL)

PUSHBUTTON SWITCH (OPTIONAL.

CARBON MONOXIDE DETECTOR

SMOKE DETECTOR (SIGN) SMOKE / CARBON MONO. COMBO DETECTOR

TELEPHONE (OPTIONAL) TELEVISION (OPTIONAL)

ELECTRIC METER ELECTRIC PANEL

DISCONNECT SWITCH

SPEAKER (OPTIONAL)

ROUGH-IN FOR OPT, CEILING FAN

CEILING MOUNTED INCANDESCENT LIGHT FIXTURE IV
ROUGH-IN FOR OPT. CEILING FAN

I. PROVIDE AND INSTALL GROUND FAULT CIRCUIT-INTERRUPTERS (GFJ) AS INDICATED ON PLANS OR AS ITEM NO. 4 AND 5 BELOW INDICATES.

2. UNLESS OTHERWISE NOICATED, INSTALL SUTICHES AND RECEPTACLES AT THE FOLLOWING HEIGHTS ABOVE FINISHED FLOOR SUTICHES. . . . 42" OUTLETS. 14"

TELEPHONE. . J4" (UNLESS ABY COUNTERTOP)
TELEVISION. . 14"

3. ALL SMOKE DETECTORS SHALL BE HARDWIRED INTO AN ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS.

4. ALL BA AND 20A RECEPTACLES IN SLEEPING ROOMS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, SURGOVES, RECREATION ROOMS, CLOSETS, HALLIAYS, AND SHILLAR AREAS MILL REQUIRE A COMBINION TYPE AFF.I. DEVICE AND TAMPER-PROOF RECEPTACLES PER NEC. 2011 406.12 AND 406.15

5, ALL IBA AND 20A 120V RECEPTACLES LOCATED IN THE GARAGE AND UTILITY ROOMS SHALL BE GFC.I PROTECTED (GFI).

6. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICIAN TO ENSURE THAT ALL ELECTRICAL WORK IS IN FILL COMPLIANCE WITH NEP A '10, NEC. 2011, AND ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDINANCES.

1. EVERY BUILDING HAVING A FOSSIL-RIEL-BURNING HEATER OR APPLIANCE, FIREPLACE, OR AN ATTACHED GARAGE SHALL HAVE AN OPERATIONAL CARBON MONOVIDE DETECTOR INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING BEDIEDLES

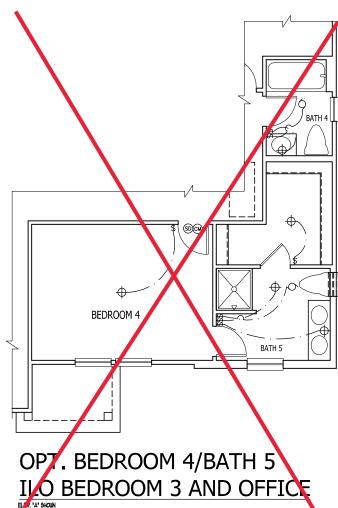
8. ALARYS SHALL RECEIVE THEIR PRIVARY POUER FROM THE BUILDING WIRNS WHEN SUCH WIRNS IS SERVED FROM THE LOCAL POWER WITHTH, SUCH ALARYS SHALL HAVE BATTERY BACKUP. COMBINATION SYCKE/CARBON MONOXIDE ALARYS SHALL BE LISTED OR LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATIONY.

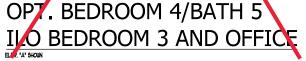
ISSUANCE OF PLANS FROM THIS DRAFTER'S OFFICE SHALL NOT RELIEVE THE BUILDER OF RESPONSIBILITY TO REVIEW AND VERRY ALL NOTES, DYENSIONS, AND ADJURRENCE TO APPLICABLE BUILDING CODES FROM TO COTYBENCHEN OF ANY EXPENSIONS, OR ADJURRENCE TO APPLICABLE BUILDING CODES SHALL BE BROUGHT TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORRECTION BEFORE COTYBENETION OF ANY CONSTRICTION.

ANY REVISION OR CHARGES, BOY RELATED TO THE CORRECTION OF ERRORS THAT ARE MADE AFTER THE FINAL PLANS HAVE DEED COTYBETED SHALL BE SUBJECT TO ADDITIONAL TEES.

EANY PROPRESTATIONAL OF THE TO THE PLAN BY MAY CHARGE ADDRESTATIONAL TEES.

IF ANY MODIFICATIONS ARE MADE TO THESE PLANS BY ANY OTHER PARTY OTHER THAN THE DRAFTER'S OFFICE, THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.

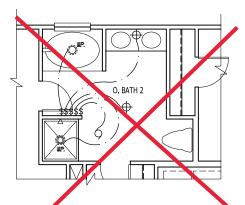






BATH S INCLUDED W/ OPT BEDROOM 6 ONLY ILO BATH 2









OPT. BEDROOM 6 ILC

2435

TITLE LECTRIC AT PLAN OPTIONS

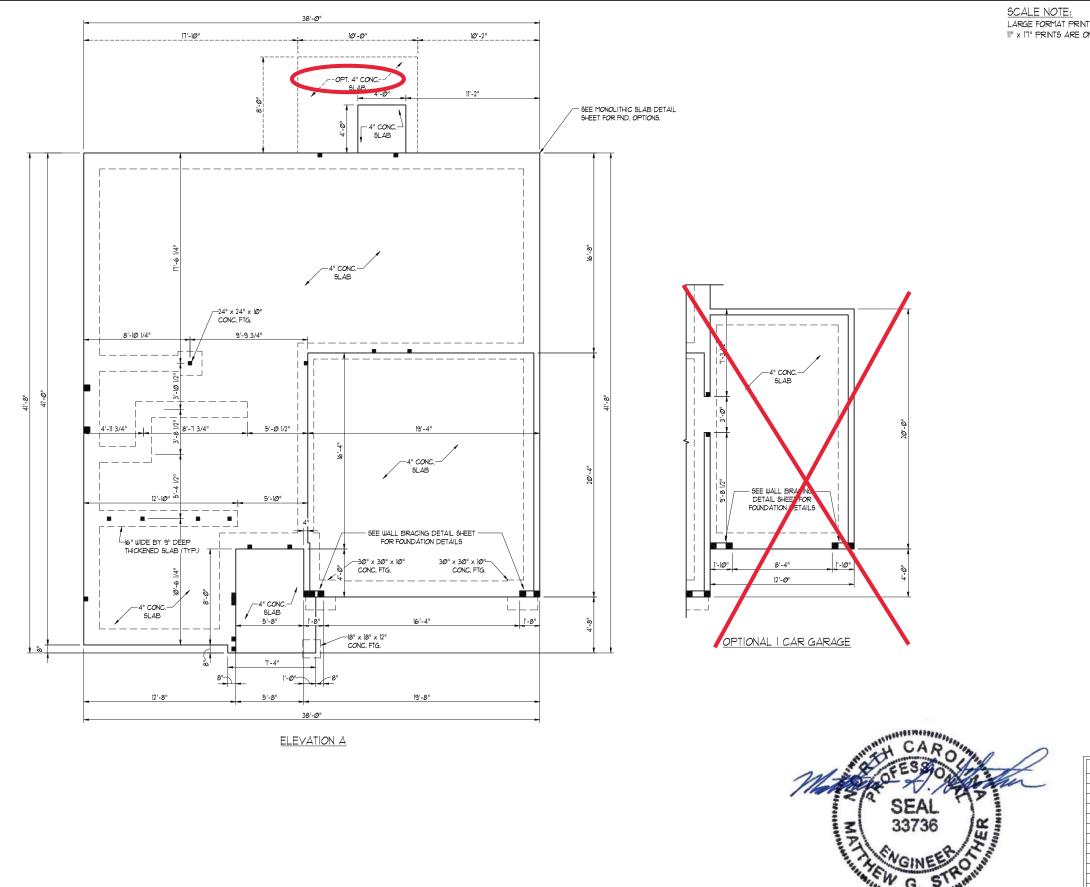
SECOND FLOOR ELECTRICAL PLAN OPTIONS





DRAWINGS ON 11"XIT" SHEET ARE ONE HALF THE SCALE NOTED

Right Garage HOME UDE. PREL H&H



LARGE FORMAT PRINTS ARE TO SCALE AS NOTED. 11" x IT" PRINTS ARE ONE HALF THE NOTED SCALE

THOMPSON SINE RING, INC

150 MPH ULTIMATE DESIGN WIND SPEED NOTES FOR LESS THAN 30' MEAN ROOF HEIGHT:

EVALUETE SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OF ARCHITECTURAL LATOUT NCLUDING ROOF SYSTEM. STRUCTURAL DESIGN FER NORTH CAROLINA RESIDENTIAL CODE. 2019. EDITION UNIT SPECIAL CONSIDERATION TO CHAPTER 45 ("HIGH WIND ZONES" FOR 150 MEDILININAL CONES" FOR 150 MEDILININAL CODE. 2019.

EDITION WITH SPECIAL CONSIDERATION TO CHAPTER 49 ("HIGH WIND DAGE") FOR 50 MPH WINDS, 19 UILDER 19 TO PROVIDE FRAMING CONNECTIONS 45 REQUIRED BY CHAPTER 45 ("HIGH WIND ZONGS") FOR 50 MPH WINDS) OF THE NORTH CARCLINA RESIDENTIAL CODE, 20% EDITION, FOADDATION ANCHORAGE TO COMPLY WITH SECTION 4504 OF THE NORTH CARCLINA RESIDENTIAL CODE, 20% EDITION, TEAM ROOF HEIGHT 16 LESS THAN 30 REST. WILL CLADDING DESIGNED FOR 424 PSF AND -32 PSF ("A" INDICATE POSITIVE") ROOF CLADDING DESIGNED FOR 424 PSF AND -32 PSF ("A" INDICATE POSITIVE") ROOF CLADDING DESIGNED FOR 422 PSF AND -32 PSF ("A" INDICATE POSITIVE") ROOF CLADDING DESIGNED FOR 422 PSF AND -32 PSF FOR ROOF PITCHED 232 TO 11/2.

THE "OBS SHEATHING 16 REQUIRED ON ALL EXTERIOR WILLS.

WALLS TO BE BRACED IN ACCORDANCE WITH SECTION RESIDENTIAL CODE, 20% EDITION AND \$NOTED ON FLANS.

BERRAY EFFICIENCY COMPLIANCE AND INSILATION AND SHOTED ON PLANS.

BERRAY EFFICIENCY COMPLIANCE AND INSILATION AULIES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER II OF THE NORCH, 2000 PARCE AND INSILATION AULIES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER II OF THE NORCH, 2000 PARCE AND INSILATION AULIES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER II OF THE NORCH, 2000 PARCE AND INSILATION AULIES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER II OF THE NORCH, 2000 PARCE AND INSILATION AULIES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER II OF THE NORCH, 2000 PARCE 2000

120 MPH ULTIMATE DESIGN WIND SPEED NOTES FOR LESS THAN 30' MEAN ROOF HEIGHT:

30' MEAN ROOF HEIGHT:

1. ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS ENGINEER'S SEAL DOES NOT CERTIFY DIPHENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT NICLUDIN ROOF SYSTEM.

2. STRUCTURAL DESIGN PER NORTH CAROLINA RESIDENTIAL CODE, 70% EDITION.

3. NISTALL IS! MICHOR BOLTS 6'-0'-OC. AND WITHIN 1'-0' PEROT BEND OF EACH CORNER ANCHOR BOLTS MIST EXTEND A NINIMM OF IN INTO MASONEY OR CONCRETE. LOCATE BOLT WITHIN MIDDLE THIRD OF PLATE WIDTLA. MEAN BOOK PEROF BOT SESS THAN 30 FEBT.

4. PEAN BOOK PERGATE BOT SESS THAN 30 FEBT.

5. EXTERIOR WALLS DESIGNED FOR 155 FEBT.

5. EXTERIOR WALLS DESIGNED FOR 155 FEBT.

AND 1-8 PER FOR ROOF PITCHES THAT 10 TO 1/12
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ACCORDANCE WITH PERFORMANT OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTIER ID OF THE MICH.

		_	
LEGEND			
CONT	CONTINUOUS		
XJ	EXTRA JOIST		
DJ	DOUBLE JOIST		
TJ	TRIPLE JOIST		
EA	EACH		
FDN	FOUNDATION		
FTG	FOOTING		
OC	ON CENTER		
SPF	SPRUCE PINE FIR		
SYP	SOUTHERN YELLOW PINE		
TRTD	PRESSURE TREATED		
TYP	TYPICAL		
UN0	UNLESS NOTED OTHERWISE		

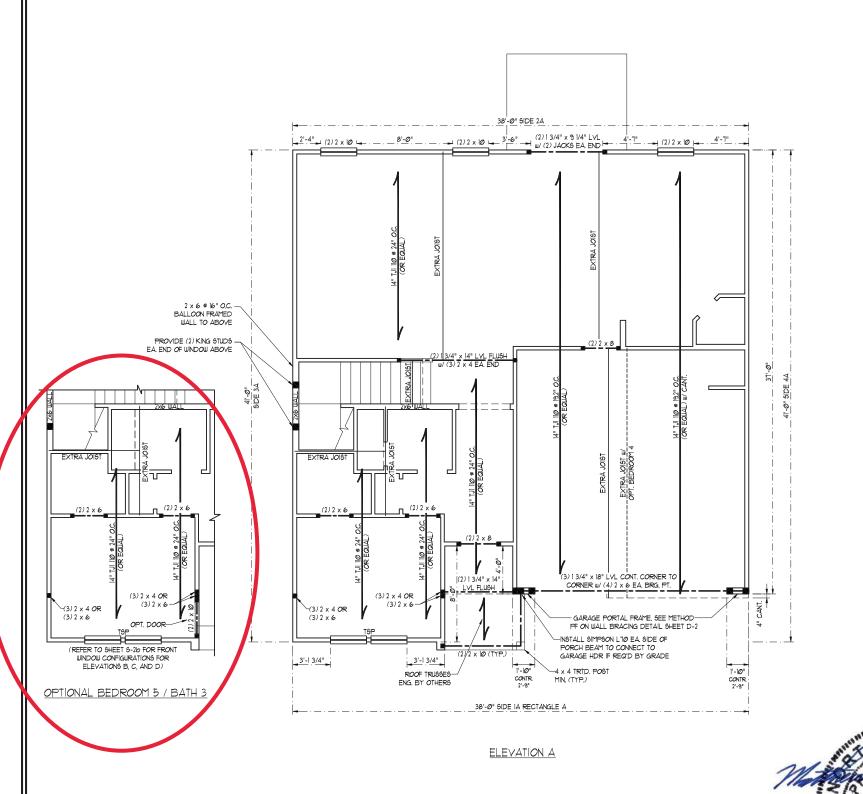
7/15/2022

DATE: JULY 14, 2022 DRAWN BY: PURL HOMES INEERED BY: JAG

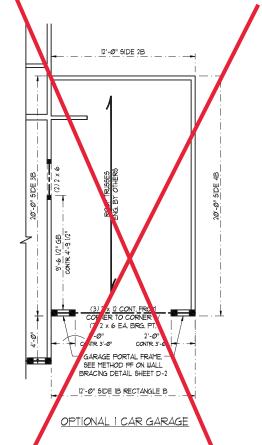
PRELUDE & H HOMES

SHEET: 3 OF: 13 S-1.2a MONO SLAB

FOUNDATION PLAN



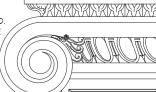
*NOTE: ALL FIRST FLOOR EXTERIOR WALLS ARE TO BE 2 x 4 @ 16" O.C. (UNO). 2 x 6 @ 16" O.C. FIRST FLOOR EXTERIOR WALLS MAY BE CONSTRUCTED IN LIEU OF 2 x 4 WALLS (UNO). ALL INTERIOR LOAD BEARING AND NON-LOAD BEARING WALLS ARE TO BE 2 x 4 SPF #2 @ 24" O.C. (UNO).



7/15/2022

LEGEND CONT CONTINUOUS XJ EXTRA JOIST DJ DOUBLE JOIST TJ TRIPLE JOIST () NUMBER OF STUDS DSP DOUBLE STUD POCKET TSP TRIPLE STUD POCKET OC ON CENTER SPF SPRUCE PINE FIR SYP SOUTHERN YELLOW PINE TRTD PRESSURE TREATED TYP TYPICAL UNO UNLESS NOTED OTHERWISE SCALE NOTE:

LARGE FORMAT PRINTS ARE TO SCALE AS NOTED. 11" x 17" PRINTS ARE ONE HALF THE NOTED SCALE



HOMPS

N D VADY CADY

S

STRUCTURAL NOTES:

- ALL FRAMING LUMBER TO BE SPF $^{\rm 12}$ (UNO). ALL TREATED LUMBER TO BE SYP $^{\rm 12}$ (UNO.)
- DE 51 7 2 (UNO). ALL LOAD BEARING HEADERS TO BE (2) 2 x 6 (UNO). INSTALL AN EXTRA JOIST UNDER WALLS PARALLEL TO FLOOR JOISTS
- WHERE NOTED ON THE PLANS.
- WINDOW AND DOOR HEADERS TO BE SUPPORTED W/ (1) JACK STUD AND (1) KING STUD EA, END (UNO.), SEE TABLE R602.15 FOR ADDITIONAL KING STUD REQUIREMENTS.
 SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO
- GIRDER OR FOUNDATION. ALL SQUARES TO BE (2) STUDS (UNO.) FOR HIGH WIND ZONES, ALL EXTERIOR WALLS TO BE SHEATHED WITH
- T/I6" OSB SHEATHING WITH JOINTS BLOCKED AND SECURED WITH 8d NAILS AT 3" O.C. ALONG EDGES AND 6" O.C. IN THE FIELD.
- FOR HIGH WIND ZONES, SECURE ALL EXTERIOR WALL SHEATHING PANELS TO DOUBLE TOP PLATES, BANDS, JOISTS, AND GIRDERS WITH (2) ROWS OF 8d NAILS STAGGERED AT 3" O.C. PANELS SHALL EXTEND 12" BEYOND CONSTRUCTION JOINTS AND SHALL OVERLAP GIRDERS AND DOUBLE SILL PLATES THEIR FULL DEPTH
- ALL 4 x 4 POSTS SHALL BE ANCHORED TO SLABS W/SIMPSON ABU44 POST BASES (OR EQUAL) AND 6 x 6 POSTS W/ABU66 POST BASES (OR EQUAL) (UNO). ALL 4 \times 4 AND 6 \times 6 PO515 TO BE INSTALLED WITH 100 LB CAPACITY UPLIFT CONNECTORS AT TOP (UNO.)
- FOR FIBERGLASS, ALUMINUM, OR COLUMN ENG. BY OTHERS, SECURE TO SLAB w/ (2) METAL ANGLES USING 2" CONC. SCREWS. FASTEN ANGLES TO COLUMNS W/ 1/4" THROUGH BOLTS W/ NUTS AND WASHERS. LOCATE ANGLES ON OPPOSITE SIDES OF COLUMN. THROUGH BOLTS MUST BE INSTALLED PRIOR TO SETTING COLUMN
- Ø. REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

BRACED WALL DESIGN

RECTANGLE B RECTANGLE A

SIDE IA
METHOD: CS-WSP/PF/ENG DESIGN METHOD: PF/CS-WSP TOTAL REQUIRED LENGTH: 10/64" TOTAL REQUIRED LENGTH: 4.8" TOTAL PROVIDED LENGTH: 11/8" TOTAL PROVIDED LENGTH: 6" SIDE 2A METHOD: CS-WSP

TOTAL REQUIRED LENGTH: 10.64 TOTAL PROVIDED LENGTH: 23' SIDE 3A METHOD: CS-WSP TOTAL REQUIRED LENGTH: 9.88'

TOTAL PROVIDED LENGTH: 53' SIDE 4A METHOD: CS-WSP

TOTAL REQUIRED LENGTH: 9.88'

SIDE 2B METHOD: C6-W6P TOTAL REQUIRED LENGTH: 4.8'

TOTAL PROVIDED LENGTH: 12" SIDE 3B 4 4A COMBINED METHOD: CS-WSP/GB TOTAL REQUIRED LENGTH: 13.24' TOTAL PROVIDED LENGTH: 21.871

SIDE 4B METHOD: C5-W5P TOTAL REQUIRED LENGTH: 3.36' TOTAL PROVIDED LENGTH: 33.33' TOTAL PROVIDED LENGTH: 16.33'

BRACED WALL DESIGN NOTES:

- BRACED WALL DESIGN PER SECTION R602.10 OF THE NCRC 2018 EDITION. C5-WSP REFERS TO "CONTINUOUS SHEATHING - WOOD
- STRUCTURAL PANELS" CONTRACTOR IS TO INSTALL 1/16" OSB ON ALL EXTERIOR WALLS ATTACHED W/8d NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD.
- *GB REFERS TO "GYPSUM BOARD" CONTRACTOR IS TO INSTALL 1/2" (MIN.) GYPSUM WALL BOARD WHERE NOTED ON THE PLANS. FASTEN GB WITH 1 1/4" SCREWS OR 1 5/8" NAILS SPACED TO.C. ALONG PANEL EDGES AND IN THE FIELD INCLUDING TOP AND BOTTOM PLATES. BRACED WALL DESIGN APPLIED IN WIND ZONES UP TO 130 MPH.
- FOR HIGH WIND ZONES, BRACE WALLS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 45 OF THE NCRC 2018 EDITION. SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED

TABLE R602.7.5
MINIMUM NUMBER OF FULL HEIGHT KING STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

HEADER SPAN	MINIMUM NUMBER OF FULL
(FEET)	HEIGHT STUDS (KINGS)
UP TO 3'	1
> 3' TO 6'	2
> 6' TO 9'	3
> 9' TO 12'	4
> 12' TO 15'	5

DATE: JULY 14, 2022

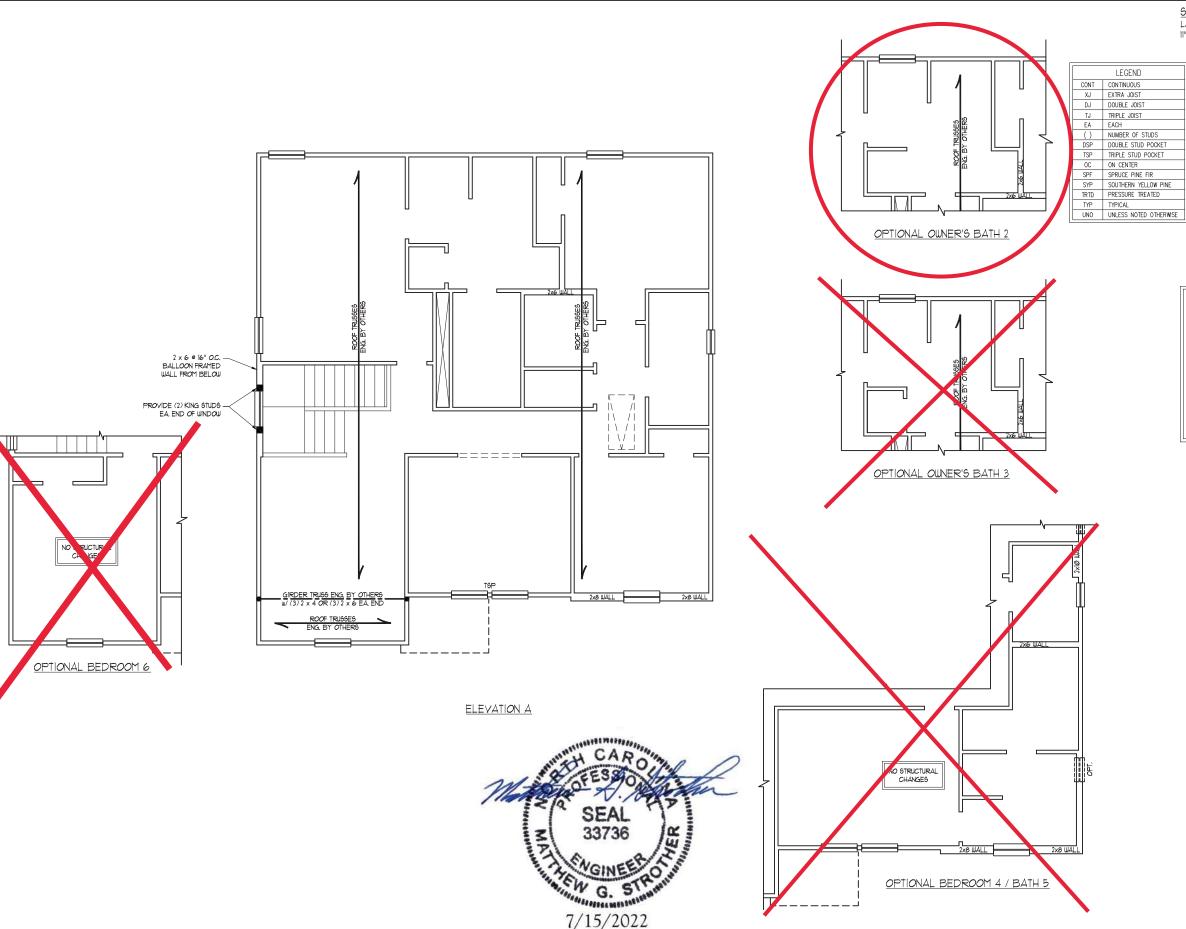
PRELUDE & H HOMES

DRAWN BY: PURL HOMES

INEERED BY: JAG

SHEET: 7 OF: 13

S-2a SECOND FLOOR FRAMING PLAN



SCALE NOTE:

LARGE FORMAT PRINTS ARE TO SCALE AS NOTED.

11" x 17" PRINTS ARE ONE HALF THE NOTED SCALE

ED.

*NOTE: ALL SECOND FLOOR
EXTERIOR WALLS AND ATTIC WALLS
ARE TO BE 2 x 4 SPF *2 @ 24" O.C.
(UNO). 2 x 6 SPF *2 @ 24" O.C. SECOND
FLOOR EXTERIOR WALLS MAY BE
CONSTRUCTED IN LIEU OF 2 x 4 WALLS
(UNO). ALL INTERIOR LOAD BEARING
AND NON-LOAD BEARING WALLS ARE
TO BE 2 x 4 SPF *2 @ 24" O.C. (UNO).

BRACED WALL DESIGN NOTES:

- BRACED WALL DESIGN PER SECTION R602.10 OF THE NCRC 2018 EDITION.
- 2. C5-U5P REFERS TO "CONTINUOUS SHEATHING WOOD STRUCTURAL PANELS" CONTRACTOR IS TO INSTALL TIME" OSB ON ALL EXTERIOR WALLS ATTACHED W/ 80 NAILS 9PACED 6" OC. ALONG PANEL EDGES AND 12" OC. IN THE FIELD.

 3. "GB REFERS TO "GYPSUM BOARD" CONTRACTOR IS TO INSTALL
- GB REFERS TO "GYPSUM BOARD" CONTRACTOR 19 TO INSTALL 12" (MIN) GYPSUM WALL BOARD WHERE NOTED ON THE PLANS. FASTEN GB WITH 1 1/4" SCREWS OR 1 5/8" NAILS SPACED "1" O.C. ALLONG PANEL EDGES AND IN THE FIELD INCLUDING TOP AND BOTTOM PLATES.
 BRACED WALL DESIGN APPLIED IN WIND ZONES UP TO 130 MPH.
- 4. BRACED WALL DESIGN APPLIED IN WIND ZONES UP 10 150 PIPH.
 FOR HIGH WIND ZONES, BRACE WALLS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 45 OF THE NCRC 2016 EDITION.
 5. SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED.
- WALL INFORMATION.

NOTE:

- PER SECTION R602103.2 OF THE 2016 NCRC, THE AMOUNT OF BRACING ON THE SECOND FLOOR EXCEEDS THE AMOUNT REQUIRED FOR THE FIRST FLOOR AND NO BRACED WALL ANALYSIS IS REQUIRED.
 SHEATH ALL EXTERIOR WALLS WITH T/16" OSB SHEATHING
- 2. SHEATH ALL EXTENIOR WALLS WITH 1/16" OSB SHEATHING ATTACHED WITH 8d NAIL6 AT 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD.

STRUCTURAL NOTES:

- 1. ALL FRAMING LUMBER TO BE SPF 12 (UNO), ALL TREATED LUMBER TO BE SYP 12 (UNO.)
- 2. ALL LOAD BEARING HEADERS TO BE (2) 2 x 6 (UNO).
 3. UINDOW AND DOOR HEADERS TO BE SUPPORTED W (1)
 JACK STUD AND (1) KING STUD EA, END (UNO). SEE TABLE
 R602.15 FOR ADDITIONAL KING STUD REQUIREMENTS.
- SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (2) STUDS (UNC).
- TO BE (2) STUDS (INO.)

 5. FOR HIGH WIND ZONES, ALL EXTERIOR WALLS TO BE SHEATHED WITH 1/16" O'BB SHEATHING WITH JOINTS BLOCKED AND SECURED WITH 80 NAILS AT 3" O.C. ALONG EDGES AND 6" O.C. IN THE FIELD.
- 6. FOR HIGH WIND ZONES, SECURE ALL EXTERIOR WALL SHEATHING PANELS 10 DOUBLE TOP PLAITES, BANDS, JOSTS, AND GIRDERS WITH (2) ROUS OF 8d NAILS STAGGERED AT 3" O.C. PANELS SHALL EXTEND 12" BEYOND CONSTRUCTION JOINTS AND SHALL OVERLAP GIRDERS AND DOUBLE SILL PLATES THEIR FULL DEPTH.
- REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

TABLE R602.7.5

MINIMUM NUMBER OF FULL HEIGHT KING STUDS
AT EACH END OF HEADERS IN EXTERIOR WALLS

HEADER SPAN (FEET)	MINIMUM NUMBER OF FU HEIGHT STUDS (KINGS)
UP TO 3'	1
> 3' TO 6'	2
> 6' TO 9'	3
> 9' TO 12'	4
> 12' TO 15'	5

ENGINEERING, INC

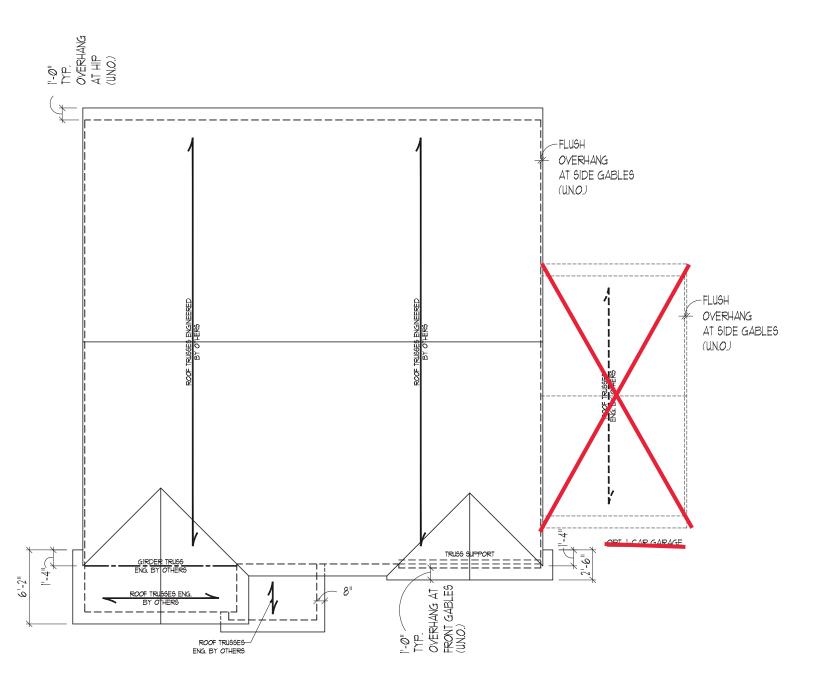
PRELUDE I & H HOMES

DATE: JULY 14, 2022

CALE: 1/4" = 1'-0" DRAWN BY: PURL HOMES

GINEERED BY: JAG

S-3a
CEILING FRAMING PLAN



ELEVATION A

SCALE NOTE:
LARGE FORMAT PRINTS ARE TO SCALE AS NOTED.
II" x IT" PRINTS ARE ONE HALF THE NOTED SCALE

J.S. THOMPSON ENGINEERING, INC

STRUCTURAL NOTES:

STRUCTURAL NOTES:

STRUCTURAL NOTES:

ALL FRAMING LUMBER TO BE \$2 9FF (UNO).

CIRCLES DENOTE (3) 2 x 4 POSTS FOR ROOF SUPPORT.

FRAME DORNER WALLS ON TOP OF DOUBLE OR TRIPLE RAFTERS.

HIP SPLICES ARE 10 BE SPACED A MIN, OF 8'-0". FASTEN MEMBERS WITH THREE ROUS OF 12d NAILS @ 16" O.C. (TYP.)

STICK FRAME OVER-FRAMED, SOME STATES OF ROOF SECTIONS W 2 x 8 RIDGES, 2 x 6 RAFTERS @ 16" O.C. AND FLAT 2 x 10" VALLETS OR USE VALLET TRUSSES.

FASTEN FLAT VALLETS OR RAFTERS OR TRUSSES WITH SIMPSON 125A HURRICANE TIES @ 31" O.C. MAX. PASS HURRICANE TIES THROUGH NOTCH IN ROOF SHEATHING. EACH RAFTER 16 TO BE FASTENED TO THE FLAT VALLET WITH A MIN, OF (6) 12d TOE NAILS.

REFER TO SECTION REW2.11 OF THE 2018 NORC FOR REGUIRED UPLIT RESISTANCE AT RAFTERS AND TRUSSES.

TRUSSES.

REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

	LEGEND			
XT	EXTRA TRUSS			
TS	TRUSS SUPPORT			
CONT	CONTINUOUS			
EA	EACH			
OC	ON CENTER			
SPF	SPRUCE PINE FIR			
SYP	SOUTHERN YELLOW PINE			
TYP	TYPICAL			
UNO	UNLESS NOTED OTHERWISE			

NOTE: REFER TO ARCHITECTURAL DRAWINGS FOR ROOF PITCHES, PLATE HEIGHTS, DIMENSIONS, OVERHANG WIDTHS, AND ATTIC VENT CALCS.

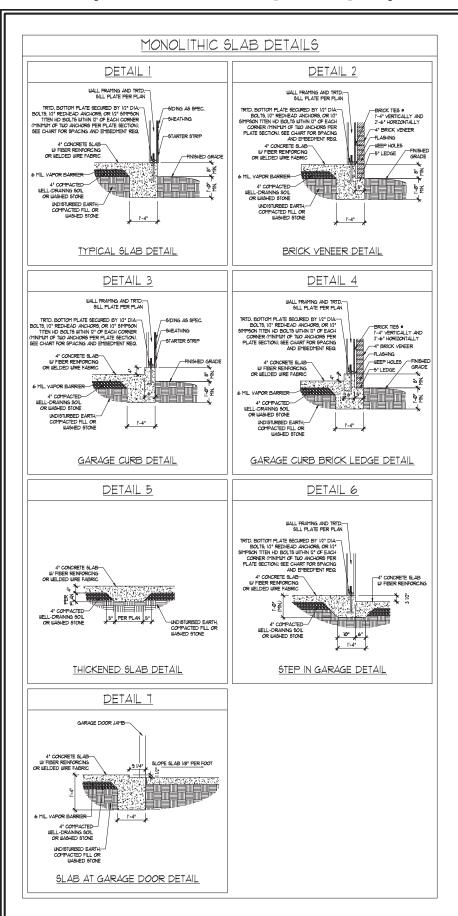
DRAWN BY: PURL HOMES

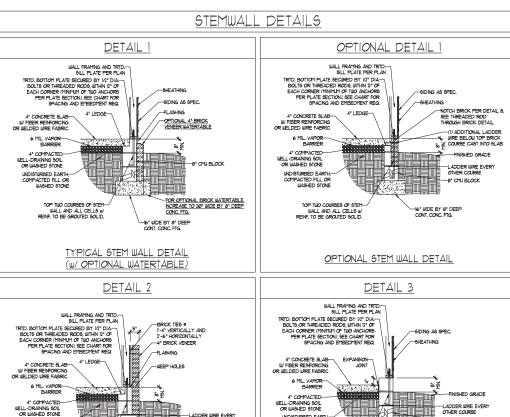
PRELUDE H & H HOMES

GINEERED BY: JAG

SHEET: 11 OF: 13 S-4a roof framing plan

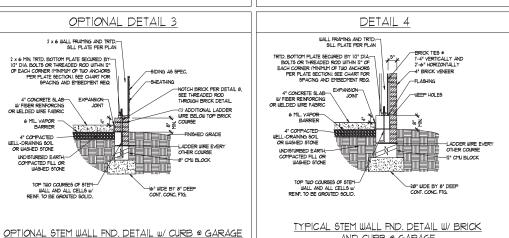
7/15/2022





---LADDER WIRE EVER OTHER COURSE

TYPICAL STEM WALL FND. W/ BRICK DETAIL



OPTIONAL DETAIL 1	
WALL FRAMMS AND IRID. SILE PLATE RECRET PLAN TRID. BOTTOM PLATE EXCEPT BY 12" DIA BOLTS OR INREADED ROOS, WITH 12" OR BACH CORDET BY 12" DIA BOLTS OR INREADED ROOS, WITH 12" OR BACH SECRET BE ANALOSE FER RESECRIVE OF ANALOSE FER RESECRIVE OF ANALOSE FER RESECRIVE OF ANALOSE FER RESPORCING OR WELDED WIRE FARRIC OR WELDED WIRE FARRIC OR WELDED WIRE FARRIC OR WASHED STORE WOODSTREED FARRIC OR WASHED STORE WOODSTREED FLOR WASHED STORE	WALL HEIGH (FEET) 2 AND BELG
TOP TWO COURSES OF STEET WALL AND ALL CELLS W RINK. TO BE GROUPED SOLD. CONT. CONC. FIG.	3 4
REIN- 10 DE GROUIEN SOCIAL	5
OPTIONAL STEM WALL DETAIL	6
	1 AND GREA
WALL FRAMING AND TRID. SIL PLATE FER PLAN TRID. BOTTOM PLATE SECRETE PLAN DOLTS OR THEADED RODS, UTHIN 10" OF EACH CORRECT (INTINIT OF IOU ANCHORS FER PLATE SECTION). EEE CHART FOR FER PLATE SECTION). EEE CHART FOR FER PLATE SECTION. EEE CHART FOR FINISHED GRADE L'ADDER URE EVERY OFFICE TO PLATE FOR WASHED STONE TOP TUD COURSES OF STEH WALL AND ALL CELLS W REN. TO BE GROUTED SOLD. TYPICAL STEM WALL FND. DETAIL W/ CURB @ GARAGE	1. WALL HER 2. TIE MULTI 3. CHART AF PONNATI 4. BACKFILL CLASSIFIE WITH 128 6. PREP SLA MINIMUT 2. 1. LOCATE F 8. WHERE RE LIFT GROUG GREATER WIND ZON 9PACING EMBEDME
<u>DETAIL 4</u>	
INCL PRAYING AND TRID. SELD FLATE FEER PLAY TRID. BOTTOM FLATE SECURED BY 10° DIA. BOLTS OR THREADED ROD MITHIN 10° OF BOLTS OR THREADED ROT MITHIN 10° OF BOLTS OR THREADE	

AND CURB @ GARAGE DETAIL 8

200 000 000

THREADED ROD THROUGH BRICK MASONRY

1/2" ANCHOR ROD

NSIDE EDGE OF

LADDER WIRE BRICK MASONRY

ROD AND GROUT SOLID

OUTSIDE EDGE OF BRICK AND

STICK FRAMED WALL ABOVE -

MASONRY STEMWALL SPECIFICATIONS MASONRY WALL TYPE 4" BRICK AND 4" 4" BRICK AND 8" 12" CMU 8" CMU CMU CMU LOW UNGROUTED GROUT SOLID UNGROUTED UNGROUTED UNGROUTED UNGROUTED GROUT SOLID UNGROUTED GROUT SOLID w/ *4 REBAR # 64" O.C. SPOUT SOLID III/ #4 GROUT SOLID GROUT SOLID GROUT SOLID w/ *4
REBAR * 36" O.C. REBAR * 64" O.C. GROUT SOLID w/ *4 REBAR # 36 * O.C. NOT APPLICABLE GROUT SOLID w/ *4 REBAR @ 24" O.C. GROUT SOLID W/ *4 GROUT SOLID W/ *4 REBAR @ 24" O.C. REBAR @ 64" O.C. NOT APPLICABLE ATER ENGINEERED DESIGN BASED ON SITE CONDITIONS

STRUCTURAL NOTES:

- EIGHT MEASURED FROM TOP OF FOOTING TO TOP OF THE WALL.
- IIPLE UYTHES TOGETHER WITH LADDER WRE AT 16" O.C. VERTICALLY. APPLICABLE FOR HOUSE FOUNDATION <u>ONLY</u>, CONSULT ENGINEER FOR DESIGN *O*F GARAGE
- 'APPLICABLE FOR HOUSE FOUNDATION QNLY, CONSULT ENGINEER FOR DESIGN OF GARAGE ATRON NOT COMPON TO HOUSE.

 "ILL OF CLEAN 571 / 161 WASHED STONE IS ALLOWABLE.

 "ILL OF CLEAN 571 / 161 WASHED STONE IS ALLOWABLE.

 "ILL OF WILL DRAINED OR SAND GREAVEL HIXTURE SOILS (145 PSF/FT BELOW GRADE)

 "ITED AS GROUP! I ACCORDING TO INFIRED SOILS CLASSFICATION SYSTEM IN ACCORDINCE

 ABLE RIVES IO THE 2018 INTERNATIONAL RESIDENTIAL CODE ARE ALLOWABLE.

 SLAS PER PEOSOL IAND ESOLE 12 BASE OF THE 2018 INTERNATIONAL RESIDENTIAL CODE.

 M 24" LAP SPLICE LENGTH

 E REBAR IN CENTER OF FOUNDATION WALL.

 REGUIRED, FILL BLOCK SOLID WITH TYPE "S" MORTAR OR 3000 PSI GROUT, USE OF "LOW SOUTHING" "ETHOD REQUIRED WHEN FILLING WALLS WITH GROUT AT HEIGHTS OF 5" AND ER

ANCHOR SPACING AND EMBEDMENT				
WIND ZONE	12Ø MPH	13Ø MPH		
SPACING	6'-0" O.C.	4'-0" O.C.		
EMBEDMENT	7"	IB" INTO MASONRY 1" INTO CONCRETE		

SPEED WIND MPH ULTIMATE DESIGN FOUNDATION DETAILS 130

TE: NOVEMBER 14, 2018 RAWN BY: IST

D-1 FOUNDATION DETAILS

48981 PROPERTOR EW G. ACTION OF MANAGE 7/15/2022

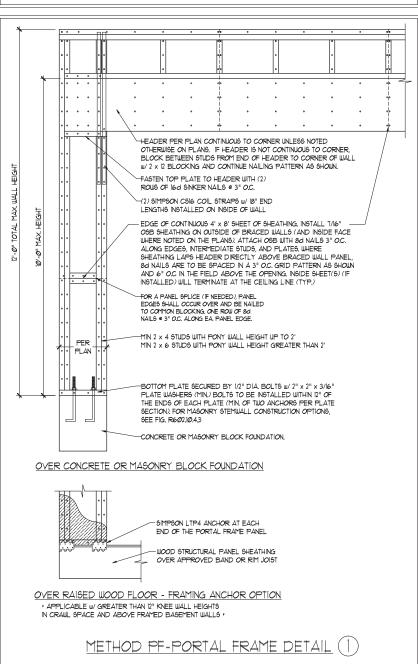
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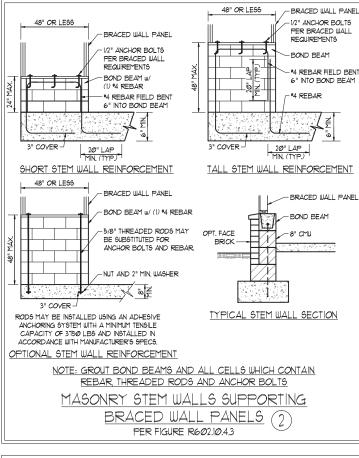
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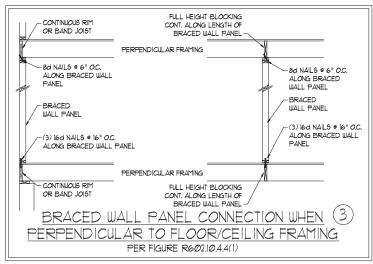
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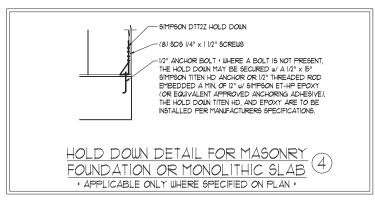
GENERAL WALL BRACING NOTES:

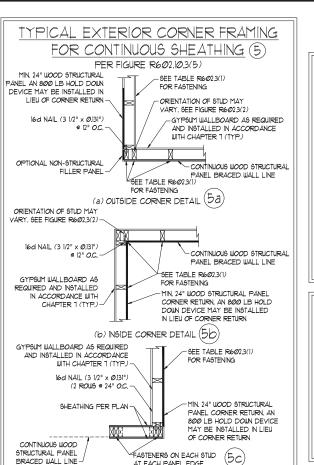
- WALL BRACING DESIGNED IN ACCORDANCE WITH CHAPTER 6 OF THE 2018 NC RESIDENTIAL BUILDING CODE (NCRC.) TABLES AND FIGURES REFERENCED ARE FROM THE 2018 NCRC.
 SEE THIS SHEET FOR GENERAL DETAILS. REFER TO THE 2018 NCRC FOR ADDITIONAL INFORMATION AS NEEDED.
- BRACED EXTERIOR WALLS SUPPORTING ROOF TRUSSES AND RAFTERS, INCLUDING STORIES BELOW THE TOP FLOOR, HAVE
- BEEN DESIGNED PER R602.3.5 (3), WALL SHEATHING AND FASTENERS HAVE BEEN DESIGNED TO RESIST COMBINED UPLIFT AND SHEAR FORCES IN ACCORDANCE WITH ACCEPTED ENGINEERED PRACTICE. 4. SEE STRUCTURAL SHEETS FOR BRACED WALL LOCATIONS DIMENSIONS HOLD DOWN TYPE AND LOCATIONS BRACED WALL
- LINE KEY WITH WALL DESIGN SUMMARY OF REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES OR REQUIREMENTS.
- ALL EXTERIOR WALLS ARE TO BE SHEATHED WITH CS-WSP IN ACCORDANCE WITH SECTION R602.10.3 UNLESS NOTED OTHERWISE.
- 6. ALL EXTERIOR AND INTERIOR WALLS TO HAVE 1/2" GYP9UM INSTALLED, WHEN NOT USING METHOD "GB", GYP9UM TO BE FASTENED PER TABLE RT023.5. METHOD GB TO BE FASTENED PER TABLE R602.10.1
- CS-USP REFERS TO THE "CONTINUOUS SHEATHING WOOD STRUCTURAL PANELS" WALL BRACING METHOD. 1/16" OSB SHEATHING IS TO BE INSTALLED ON ALL EXTERIOR WALLS ATTACHED W/ 6d COMMON NAILS OR 8d (2 1/2" LONG x Ø/13" DIAMETER) NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD (UNO.).
- GB REFERS TO THE "GYPSUM BOARD" WALL BRACING METHOD. 1/2" (MIN.) GYPSUM WALL BOARD IS TO BE INSTALLED ON BOTH \$10E\$ OF THE BRACED WALL FASTENED WITH 11/4" SCREUS OR 15/8" NAILS SPACED TO OC. ALONG PANEL EDGES INCLUDING TOP AND BOTTOM PLATES AND INTERMEDIATE SUPPORTS (UN.O.). YERIFY ALL FASTENER OPTIONS FOR 1/2" AND 5/8" GYPSUM PRIOR TO CONSTRUCTION. FOR INTERIOR FASTENER OPTIONS SEE TABLE RT02.35. FOR EXTERIOR FASTENER OPTIONS SEE TABLE R602.3(I). EXTERIOR GB TO BE INSTALLED VERTICALLY.
- REQUIRED BRACED WALL LENGTH FOR EACH SIDE OF THE CIRCUMSCRIBED RECTANGLE ARE INTERPOLATED PER TABLE R&OZ. 103, METHOD C6-146P CONTRIBUTES 115 ACTUAL LENGTH, METHOD GB CONTRIBUTES 5 115 ACTUAL LENGTH, AND METHOD PF CONTRIBUTES 15 ITMES 115 ACTUAL LENGTH.











AT EACH PANEL EDGE

BRACED WALL PANEL CONNECTION WHEN 6

ADDITIONAL FRAMING

BRACED WALL PANEL

MEMBER DIRECTLY ABOVE

-8d NAILS @ 6" O.C. ALONG

BRACED WALL PANEL

- BRACED WALL PANEL

-(3) 16d NAILS @ 16" O.C.

ADDITIONAL FRAMING

MEMBER DIRECTLY BELOW BRACED WALL PANEL

ALONG BRACED WALL PANEL

PARALLEL TO FLOOR/CEILING FRAMING

PER FIG R602 10 4 4(2)

(c) GARAGE DOOR CORNER DETAIL (SEE PLAN FOR ADDITIONAL

STRUCTURAL INFORMATION OR ALTERNATE CONFIGURATIONS)

- CONTINUOUS RIM OR BAND JOIST

8d NAILS @ 6" O.C. ALONG

BRACED WALL PANEL

BRACED WALL PANEL

(3) 16d NAILS @ 16" O.C.

ALONG BRACED WALL PANEL

TINUOUS RIM W/ FINGER

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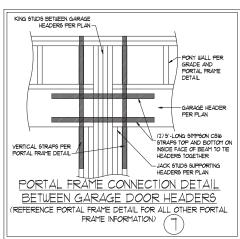
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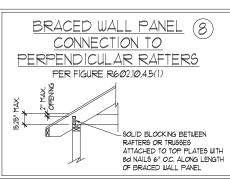
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JOISTS OR DBL. BAND JOIST

SCALE NOTE: LARGE FORMAT PRINTS ARE TO SCALE AS NOTED. II" x IT" PRINTS ARE ONE HALF THE NOTED SCALE





-FULL HEIGHT BLOCKING &

BRACED WALL PANEL

16" O.C. ALONG LENGTH OF

TOE NAIL (3) 8d NAILS AT

EA, BLOCKING MEMBER

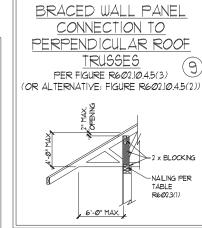
BRACED WALL PANEL

(3) 16d NAILS @ 16" O.C.

>(2) 16d NAILS EA. SIDE

AT EA. BLOCKING

MEMBER



ATE: OCTOBER 30, 2018 RAWN BY: IST INEERED BY: IST

BRACED WALL NOTES AND DETAILS AND PF DETAILS

FULL HEIGHT BLOCKING @ 16" O.C. ALONG LENGTH OF BRACED WALL PANEL 444 M4292808, CARO SEAL VGINEE YEW G. 51

7/15/2022

S **Z** § IGN WIND S ID DETAILS

TIMATE DESIGNATION I

MPH ULTI BRACING 1

MPH - 130 | WALL I

Z

(5)

S

D-2

SCALE NOTE:

LARGE FORMAT PRINTS ARE TO SCALE AS NOTED.

II" x IT" PRINTS ARE ONE HALF THE NOTED SCALE

GENERAL NOTES

- ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS INCLUDING ROOF RAFTERS, HIPS, VALLEYS, RIDGES, FLOORS, WALLS, BEAMS, HEADERS, COLUMNS, CANTILEVERS, OFFSET LOAD BEARING WALLS, PIERS, GIRDER SYSTEM AND FOOTING. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OF ARCHITECTURAL LAYOUT INCLUDING ROOF. ENGINEER'S SEAL DOES NOT APPLY TO 1-JOIST OR FLOOR/ROOF TRUSS LAYOUT DESIGN AND ACCURACY.
- 2. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE (NCRC), 2018 EDITION, 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 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 CONSTRUCTION WORK.
- 3. STRUCTURAL DESIGN BASED ON THE PROVISIONS OF THE NCRC, 2018 EDITION (R301.4 R301.1)

DESIGN CRITERIA:	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION (IN)	
ATTIC WITH LIMITED STORAGE	20	10	L/240 (L/360 w/ BRITTLE FINISHES)	
ATTIC WITHOUT STORAGE	10	10	L/360	
DECK\$	40	10	L/36Ø	
EXTERIOR BALCONIES	40	10	L/36Ø	
FIRE ESCAPES	40	10	L/36Ø	
HANDRAILS/GUARDRAILS	200 LB OR 50 (PLF)	10	L/36Ø	
PASSENGER VEHICLE GARAGE	5Ø	10	L/36Ø	
ROOMS OTHER THAN SLEEPING ROOM	40	10	L/36Ø	
SLEEPING ROOMS	3Ø	10	L/36Ø	
STAIRS	4Ø	10	L/36Ø	
WIND LOAD	(BASED ON TABLE R3012(4) WIND ZONE AND EXPOSURE)			
GROUND SNOW LOAD: Pg	2Ø (PSF)			

- I-JOIST SYSTEMS DESIGNED WITH 12 PSF DEAD LOAD AND DEFLECTION (IN) OF L/480
- FLOOR TRUSS SYSTEMS DESIGNED WITH 15 PSF DEAD LOAD
- 4. FOR 115 AND 120 MPH WIND ZONES, FOUNDATION ANCHORAGE 15 TO COMPLY WITH SECTION R403.16 OF THE NCRC, 2016 EDITION. FOR 130 MPH, 140 MPH, AND 150 MPH WIND ZONES, FOUNDATION ANCHORAGE IS TO COMPLY WITH SECTION 4504 OF THE NCRC, 2016 EDITION.
- 5. ENERGY EFFICIENCY COMPLIANCE AND INSULATION VALUES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER II OF THE NCRC, 2018 EDITION.

FOOTING AND FOUNDATION NOTES

- FOUNDATION DESIGN BASED ON A MINIMUM ALLOWABLE BEARING CAPACITY OF 2000 PSF. CONTACT GEOTECHNICAL ENGINEER IF BEARING CAPACITY IS NOT ACHIEVED.
- 2. FOR ALL CONCRETE SLABS AND FOOTINGS, THE AREA WITHIN THE PERIMETER OF THE BUILDING ENVELOPE SHALL HAVE ALL VEGETATION, TOP SOIL AND FOREIGN MATERIAL, REMOVED, FILL MATERIAL, SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL. THE FILL SHALL BE COMPACTED TO ASSURE UNIFORM SUPPORT OF THE SLAB, AND EXCEPT WHERE APPROVED, THE FILL DETTH'S SHALL NOT EXCEPT 24" FOR CLEAN SAND OR GRAVEL. A 4" THICK BASED COURSE CONSISTING OF CLEAN GRADED SAND OR GRAVEL SHALL BE FLACED, A BASE COURSE IS NOT REQUIRED WHERE A CONCRETE SLAB IS INSTALLED ON WELL-DRAINED OR SAND-GRAVEL MIXTURE SOILS CLASSIFIED AS GROUP I. ACCORDING TO THE INSTER SOIL CLASSIFICATION SYSTEM IN ACCORDING TO THE INSTER. SOILS EDITION.
- 3. PROPERLY DEWATER EXCAVATION PRIOR TO POURING CONCRETE WHEN BOTTOM OF CONCRETE 6LAB 16 AT OR BELOW WATER TABLE. IF APPLICABLE, 34" - I" DEEP CONTROL JOINTS ARE TO BE SAWED WITHIN 4 TO 12 HOURS OF CONCRETE FINISHING AND WALL LOCATIONS HAVE BEEN MARKED. ADJUST WHERE NECESSARY.
- 4. CONCRETE SHALL CONFORM TO SECTION R4022 OF THE NCRC, 2018 EDITION. CONCRETE REINFORCING STEEL TO BE ASTM A615 GRADE 60. WELDED WIRE FABRIC TO BE ASTM A185. MAINTAIN A MINIMUM CONCRETE COVER AROUND REINFORCING STEEL OF 3" IN FOOTINGS AND 11/2" IN SLASS. FOR POWED CONCRETE WALLS, CONCRETE COVER FOR REINFORCING STEEL MEASURED FROM THE INSIDE FACE OF THE WALL SHALL NOT BE LESS THAN 3/4". CONCRETE COVER FOR REINFORCING STEEL MEASURED FROM THE OUTSIDE FACE OF THE WALL SHALL NOT BE LESS THAN 11/2" FOR \$5 BARS OR SYMALLER, AND NOT LESS THAN 11/2" FOR \$6 BARS OR LARGER.
- 5. MASONRY UNITS TO CONFORM TO ACE 530/ASCE 5/TMS 402. MORTAR SHALL COMFORM TO ASTM COLO
- 6. THE UNSUPPORTED HEIGHT OF MASONRY PIERS SHALL NOT EXCEED FOUR TIMES THEIR LEAST DIMENSION FOR UNFILLED HOLLOW CONCRETE MASONRY UNITS AND TEN TIMES THEIR LEAST DIMENSION FOR SOLID OR SOLID FILLED PIERS. PERS MAY BE FILLED SOLID WITH CONCRETE OR TYPE M OR 8 MORTAR PIERS AND WALLS SHALL BE CAPPED WITH 8" OF SOLID MASONRY.
- THE CENTER OF EACH OF THE PIERS SHALL BEAR IN THE MIDDLE THIRD OF ITS RESPECTIVE FOOTING, EACH GIRDER SHALL BEAR IN THE MIDDLE THIRD OF THE PIERS.
- 8. ALL CONCRETE AND MASONRY FOUNDATION WALLS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF SECTION RADA OF THE NCRC, 2019 EDITION OR IN ACCORDANCE WITH ACI 318, ACI 313, NCMA TRE6.4- OR ACE 5303.462E 51719: 402. MASONRY FOUNDATION WALLS ARE TO BE REINFORCED PER TABLE RADALIKI), RADALIKI2), RADALIKI3), OR RADALIKI4) OF THE NCRC, 2019 EDITION. CONCRETE FOUNDATION WALLS ARE TO BE REINFORCED PER TABLE RADALIKI5 OF THE NCRC, 2019 EDITION. STEP CONCRETE FOUNDATION WALLS TO 2 x 6 FRAMED WALLS AT IS "OC. WHERE GRADE PERMITS (UNO).

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FRAMING NOTES

- ALL FRAMING LUMBER SHALL BE 12 9PF MINIMUM (Fb = 815 PS), Fv = 315 PS), E = 16000000 PS)) UNLESS NOTED OTHERWISE (UNO). ALL TREATED LUMBER SHALL BE 12 SYP MINIMUM (Fb = 915 PS), Fv = 115 PS), E = 16000000 PS)) UNLESS NOTED OTHERWISE (UNO).
- LAMINATED VENEER LUMBER (LYL) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fb =2600 PSI, Fv = 285 PSI, E = 1900000 PSI. LAMINATED STRAND LUMBER (LSL) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fb = 2325 PSI, Fv = 310 PSI, E = 18500000 PSI. PARALLEL STRAND LUMBER (PSL) UT 0.7 DEPTH SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fc = 2500 PSI, E =18000000 PSI. PARALLEL STRAND LUMBER (PSL) MORE THAN TO DEPTH SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fc = 2900 PSI, E = 20000000 PSI. NSTALL ALL CONNECTIONS PER MANUFACTURERS SPECIFICATIONS.
- B. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS

A W AND UT SHAPES: ASTM A992

B. CHANNELS AND ANGLES: ASTM A36

C. PLATES AND BARS: ASTM A36

D. HOLLOW STRUCTURAL SECTIONS: ASTM A500 GRADE B

E. STEEL PIPE: ASTM A503, GRADE B, TYPE E OR S

4. STEEL BEAMS SHALL BE SUPPORTED AT EACH END WITH A MINIMUM BEARING LENGTH OF 3 1/2" AND FULL FLANGE WIDTH (UNO). PROVIDE SOLID BEARING FROM BEAM SUPPORT TO FOUNDATION. BEAMS SHALL BE ATTACHED AT THE BOTTOM FLANGE TO EACH SUPPORT AS FOLLOWS (UNO):

A WOOD FRAMING

(2) 1/2" DIA. x 4" LONG LAG SCREUS

B. CONCRETE

(2) 1/2" DIA. x 4" WEDGE ANCHORS

C. MASONRY (FULLY GROUTED)

(2) 1/2" DIA. x 4" LONG SIMPSON TITEN HD. ANCHORS

ATERAL GURRARET IS CONGIDERED ADEQUATE REQUIRING THE MIGHT ARE THE NATION TO THE 22 MAILER ON THE 25

LATERAL SUPPORT IS CONSIDERED ADEQUATE PROVIDING THE JOISTS ARE TOE NAILED TO THE 2x NAILER ON TOP OF THE STEEL BEAM, AND THE 2x NAILER IS SECURED TO THE TOP OF THE STEEL BEAM w/ (2) ROUS OF SELF TAPPING SCREWS @ 16" O.C. OR (2) ROUS OF 1/2" DIAMETER BO 1X @ 16" O.C. IF 1/2" BOLTS ARE USED TO FASTEN THE NAILER, THE STEEL BEAM SHALL BE FABRICATED w/ (2) ROWS OF 9/16" DIAMETER HOLES @ 16" O.C.

- SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION, SHADED SQUARES DENOTE POINT LOADS FROM ABOVE WHICH REQUIRE SOLID BLOCKING TO SUPPORTING MEMBER BELOW.
- 6. ALL LOAD BEARING HEADERS TO CONFORM TO TABLE R602.7(1) AND R602.7(2) OF THE NCRC, 2018 EDITION OR BE (2) 2 x 6 WITH (1) JACK AND (1) KING STUD EACH END (UNO), WHICHEVER IS GREATER ALL HEADERS TO BE SECURED TO EACH JACK STUD WITH (4) 8d NAILS. ALL BEAMS TO BE SUPPORTED WITH (2) STUDS AT EACH BEARING POINT (UNO). INSTALL KING STUDS PER SECTION R602.15 OF THE NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION.
- 1. ALL BEAMS, HEADERS, OR GIRDER TRUSSES PARALLEL TO WALL ARE TO BEAR FULLY ON (1) JACK OR (2) STUDS MINIMUM OR THE NUMBER OF JACKS OR STUDS NOTED. ALL BEAMS OR GIRDER TRUSSES PERPENDICUL AR TO WALL AND SUPPORTED BY (3) STUDS OR LESS ARE TO HAVE I 1/2* MINIMUM BEARING (UNO). ALL BEAMS OR GIRDER TRUSSES PERPENDICULAR TO WALL AND SUPPORTED BY MORE THAN (3) STUDS OR OTHER NOTED COLUMN ARE TO BEAR FULLY ON SUPPORT COLUMN FOR ENTIRE WALL DEPTH (UNO). BEAM ENDS THAT BUTT INTO ONE ANOTHER ARE TO EACH BEAR EQUAL LENGTHS (UNO).
- 8. FLITCH BEAMS SHALL BE BOLTED TOGETHER USING 1/2" DIAMETER BOLTS (ASTM A301) WITH WASHERS PLACED AT THREADED END OF BOLT.
 BOLTS SHALL BE SPACED AT 24" CENTERS (MAXIMUM), AND STAGGERED AT TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE), WITH (2) BOLTS LOCATED AT 6" FROM EACH END (UNO).
- ALL 1-JOIST OR TRUGS LAYOUTS ARE TO BE IN COMPLIANCE WITH THE OVERALL DESIGN SPECIFIED ON THE PLANS. ALL DEVIATIONS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD PRIOR TO INSTALLATION.
- IØ. BRACED WALL PANELS SHALL BE CONSTRUCTED ACCORDING TO THE NORTH CAROLINA RESIDENTIAL CODE 20/8 EDITION WALL BRACING CRITERIA. THE AMOUNT, LENGTH, AND LOCATION OF BRACING SHALL COMPLY WITH ALL APPLICABLE TABLES IN SECTION R602.10.
- II. PROVIDE DOUBLE JOIST UNDER ALL WALLS PARALLEL TO FLOOR JOISTS. PROVIDE SUPPORT UNDER ALL WALLS PARALLEL TO FLOOR TRUSSES OR I-JOISTS PER MANUFACTURER'S SPECIFICATIONS. INSTALL BLOCKING BETWEEN JOISTS OR TRUSSES FOR POINT LOAD SUPPORT FOR ALL POINT LOADS ALONG OFFSET LOAD LINES.
- 2. FOR ALL HEADERS SUPPORTING BRICK VENEER THAT ARE LESS THAN 8"-0" IN LENGTH, REST A 6" x 4" x 5/6" STEEL ANGLE WITH 6" MINIMUM EMBEDMENT AT SIDES FOR BRICK SUPPORT (UNO). FOR ALL HEADERS 8"-0" AND GREATER IN LENGTH, BOLT A 6" x 4" x 5/6" STEEL ANGLE TO HEADER WITH 1/2" LAG SCREWS AT 12" OC. STAGGERED FOR BRICK SUPPORT. FOR ALL BRICK SUPPORT AT ROOF LINES, BOLT A 6" x 4" x 5/6" STEEL ANGLE TO (2) 2 x 10 BLOCKING INSTALLED W (4) 12 NAILS EA, PLY BETWEEN WALL STUDS WITH (2) ROUS OF 1/2" LAG SCREWS AT 12" OC. STAGGERED AND IN ACCORDANCE WITH SECTION R103.82.1 OF THE NCRC, 2016 EDITION.
- . FOR STICK FRAMED ROOFS: CIRCLES DENOTE (3) 2 x 4 POSTS FOR ROOF MEMBER SUPPORT. HIP SPLICES ARE TO BE SPACED A MINIMUM OF 8'-0". FASTEN MEMBERS WITH THREE ROWS OF 12d NAILS AT 16" O.C. FRAME DORMER WALLS ON TOP OF DOUBLE OR TRIPLE RAFTERS AS SHOWN (UNO).
- 14. FOR TRUSSED ROOFS: FRAME DORMER WALLS ON TOP OF 2 x 4 LADDER FRAMING AT 24" O.C. BETWEEN ADJACENT ROOF TRUSSES. STICK FRAME OVER-FRAMED ROOF SECTIONS WITH 2 x 8 RIDGES, 2 x 6 RAFTERS AT 16" O.C. AND FLAT 2 x 10 VALLEYS (UNO).
- ALL 4 x 4 AND 6 x 6 POSTS TO BE INSTALLED WITH TOW LB CAPACITY UPLIFT CONNECTORS TOP AND BOTTOM (UNO.) POSTS MAY BE SECURED USING ONE SHIPSON H6 OR LTSIZ UPLIFT CONNECTOR FASTENED TO THE BAND AT THE BOTTOM AND THE BEAM AT THE TOP OF EACH POST. ONE IS "SECTION OF SHIPSON CSIG COIL STRAPPING WITH (8) 8d HDG NAILS AT EACH END MAY BE USED IN LIEU OF EACH TWIST STRAP IF DESIRED. FOR MASONRY OR CONCRETE FOUNDATION USE SHIPSON POST BASE.

SEAL 33736

WGINEER OTHER TOTAL TOTA

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VGINEERING, IN
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20 MPH - 130 MPH ULTIMATE DESIGN WIND SPEED STANDARD STRUCTURAL NOTES

ATE: NOVEMBER 14, 2018

DRAWN BY: JES

ENGINEERED BY: JST

S-O STRUCTURAL NOTES

O MPH - 130 MPH ULTIMATE DE