APPROVED

Limited building only review Permit holder responsible for





03/04/2021

# FREELANCE H&H HOMES

#### PLAN REVISIONS

II-08-IT COMPLETED CONSTRUCTION DOCUMENTS INCLUDING CLIENT REVIEW COMMENTS.

II-16-11 MIRRORED PLANS TO CREATE LEFT HAND GARAGE VERSION.

## 03-12-18

STANDARD CLIENT CHANGES PER CLIENT WALK-THRU NOTES DATED ## 08-30-18, CHANGES INCLUDE BUT NOT LIMITED TO THE FOLLOWING: REMOVE OPT. LAWDRY TUB, REMOVE KITCHEN ISLAND KNEEWALLS, CHANGE KITCHEN ISLAND COUNTER TOP TO HAVE IP! \*\* OVER-LANGS, REMOVE OH.C. ABOVE FRIDGE, ADD PLUMBING DROP UNDER CABINET, REMOVE GARAGE SERVICE DOORS, REMOVE OPT. RAILING AT STAIRS, REVISE ALL SECONDARY CLOSETS AND LINENS TO HAVE BI-FOLD DOORS, REMOVE WINDOW GRIDS AT SIDES AND REAR ELEVATIONS, REVISE DATA DROPS TO BE I PHONE IN KITCHEN AND I T.V. IN OUNERS SUITE AND GATHERING ROOM ONLY, REMOVE COVERED PORCH OPTION, REVISE KITCHEN LIGHTING TO BE 4-BULB FLOURESCENT LIGHT.

PLAN SPECIFIC CHANGES INCLUDE BUT NOT LIMITED TO THE FOLLOWING: REMOVE TRIANGLE CHASE, SHIFT GARAGE ENTRY DOOR TIGHT TO CORNER, EXTEND CLOSET BELOW STAIRS, REMOVE MIDDLE WINDOW IN GATHERING ROOM, REMOVE OPT. WINDOW IN CORNER OF GATHERING ROOM, REMOVE BOTTOM TREAD AT STAIR AND ADD TREAD AT UPPER FLOOR, REMOVE OPT. WINDOW AT LOFT, REMOVE OPT. DOOR AT BATH 2, MAKE STANDARD I BOWL 30° VANITY IN EXTERIOR CORNER OF BATH 2, MAKE 60° 2 BOWL VANITY AT BATH 2 WITH OPT. BEDROOM 4, REMOVE OPT. WINDOW AT BEDROOM 3, REMOVE OPT. WINDOW AT BEDROOM 13, REMOVE OPT. WINDOW AT BEDROOM 13.

ELEVATIONS - REMOVE WINDOW GRIDS FROM SIDES AND REARS. ELEVATION "A" ROOF - FLUSH OVERHANGS ON LEFT AND RIGHT SIDE GABLES ELEVATION "C" ROOF - CHANGE REAR HIP TO BE GABLE WITH 8" OVERHANG.

12-02-19 CHANGED BATHROOM NAMING CONVENTION PER HAH REQUIREMENTS. REVISED ALL MASTERS TO OWNER'S COMMENTS, VERIFIED ALL HOR HIGTS LIERE AT LEAST 11-01".

2-Ø1-2Ø VERIFIED ROOM SIZES AND DIMENSIONS.

CHANGED GATHERING ROOM DIMENSIONS TO I4'-IØ" X I4'-IØ".

UPDATED DIMENSIONS TO PAD AND PATIO IN REAR.

CHANGE WASHER, DRYER, AND REFRIGERATOR TO OPTIONAL COMPONENTS.

ADDED COACH LIGHT AT OPT. I-CAR GARAGE WITH WIRING.

VERIFIED MASTERS WAS CHANGED TO OUNER'S.

CHANGE 2X4 WALL AT REAR GARAGE WALL TO 2X6.

ADDED ROOF VENT CALCULATIONS.

UPDATED FOR NCRC 2018 AND SC 2018 IRC.

UPDATED FOR NCRC 2018 AND SC 2018 IRC.

UPDATED SLAB INTERFACE PLAN AND OPTIONS.

ADDED ADDITIONAL 3-0 5-0 WINDOW FOR VENTILATION REQMITS IN THE OWNER'S BEDROOM.

ADDED INSULATION DETAIL TO PLAN SHEETS.

ADDED OPTIONAL DBL OVEN IN KITCHEN.

CHANGE ALL CEILING FANS TO OPTIONAL.

04-01-20 REMOVED HANSEN BOX AND DRYER VENT. GATHERING WAS CHANGED TO FAMILY. CAFE WAS CHANGED TO CASUAL DINING. 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 TYS FROM ELECTRICAL PLANS. ADDED CARBON MONOXIDE DETECTOR AT BEDROOMS UPDATED THE SF AS FOLLOWS: I CAR GARAGE WAS 251 SF, NOW 252 SF ELEV-A PORCH WAS 31 SF, NOW 33 SF 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. CREATED LEFT HAND GARAGE VERSION UPDATED 5Q, FT. LOG. TO ELIMINATE 5Q, FT. ROUNDING, FIRST FLOOR WAS 864 SF, NOW 863 SF. SECOND FLOOR WAS 1063 SF, NOW 1062 SF. 2 CAR GARAGE WAS 252 SF, NOW 251 SF. PORCH AT ELEY, B WAS 14 SF, NOW 13 SF. FLIPPED GARDEN TUB AT OPT. OWNER'S BATH 2 AND 3. CHANGED SHUTTERS TO BE 14" WIDE.

10-15-20 CHAYGED EXTERIOR WALL AT FOYER AND LOFT TO BE 2x6. CHANGED LOFT DIMENSIONS TO 13'-2'X9'-10".

W 0003 SERVINO A 11 - 12 - 12 - 12 - 12 - 12 - 12 - 12	TAGE \
HEATED AREAS	ELEV 'A'
FIRST FLOOR	863 SQ. FT.
SECOND FLOOR	1062 SQ, FT,
TOTAL HEATED SF	1925 SQ. FT.
UNHEATED AREAS	
1 CAR GARAGE	251 SQ. FT.
COVERED AREAS	
FRONT PORCH	33 SQ. FT.
UNCOVERED AREAS	
OPTIONAL PATIO	80 SQ. FT.
UNHEATED OPTIONS	
OPTIONAL 1-CAR GARAGE	240.8Q. FT.

HEATED AREAS	ELEV 'B'
FIRST FLOOR	863 SQ. FT.
SECOND NOOR	1062 SQ. FT.
TOTAL HEATENSF	1925 SQ. FT.
UNHEATED AREAS	
1 CAR GARAGE	251 SQ. FT.
COVERED AREAS	
FRONT PORCH	73 SQ. FT.
UNCOVERED AREAS	
OPTIONAL PATIO	80 SQ FT.
UNHEATED OPTIONS	1
OPTIONAL 1-CAR GARAGE	240 SQ. FT.

SQUARE FOOT	AGE /
HEATED AREAS	ELEV 'D'
PIRST FLOOR	863 SQ. FT.
SECOND FLOOR	1062 SQ. FT.
TOTAL HEATED SE	1925 SQ. FT.
UNHEATED AREAS	
1 CAR GARAGE	251 SQ. FT.
COVERED AREAS	
FRONT PORCH	88 SQ. FT.
UNCOVERED AREAS	
OPTIONAL PATIO	80 GQ. FT.
NHEATED OPTIONS	
OPTIONAL 1-CAR GARAGE	240 SQ. FT.

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FREELANCE (Garage H&H HOMES

Right)

Built by

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

1927

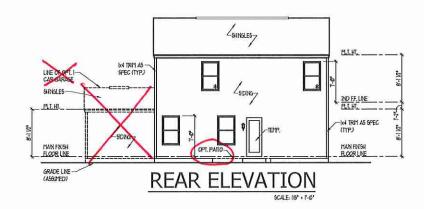
TITI. REVISION LOG

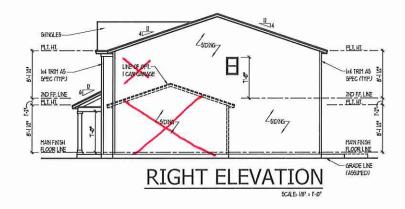
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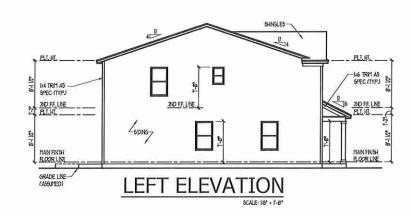
ISSUAYCE OF PLAYS FROM THIS DRAFTER'S OFFICE SHALL NOT RELIEVE THE BUILDER OF RESPONSIBILITY TO REVIEW AND VERRY ALL NOTES, DYENSICAIS, AND ACHERISCE TO APPLICABLE BUILDING CODES PRIOR TO CONTENCEMENT OF ANY CONSTRUCTION. ANY DISCREPANCY OF ERROR IN NOTES, DYENSICAIS, OR ACHERISCE TO APPLICABLE BUILDING.

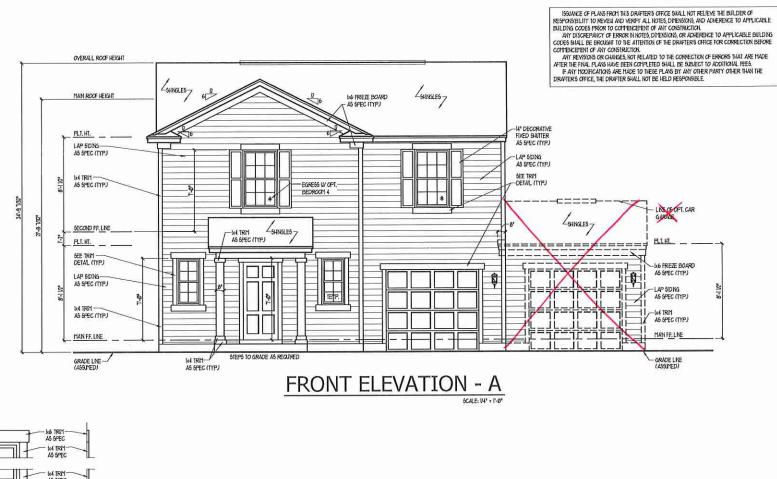
ANY DISCREPANCY OF ERROR IN NOTES, DYDISSIONS, OR ADVERBING TO APPLICABLE BUILDING CODES SHALL BE BROAGHT TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORRECTION BEFORE CONTENIORS OF CHANGES, NOT RELATED TO THE CORRECTION OF ERRORS THAT ARE HADE.

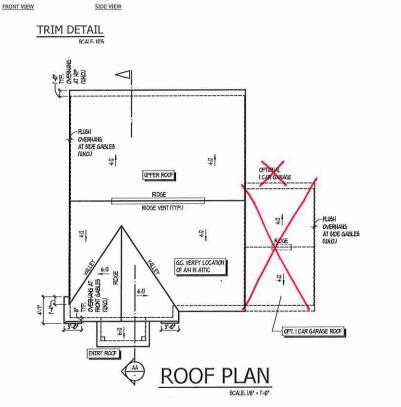
ANY REVISIONS OR CHANGES, NOT RELATED TO THE CORRECTION OF ERRORS THAT ARE MAD AFTER THE HALL PLANS HAVE BEEN CONTRETED SHALL BE SUBJECT TO ADDITIONAL TIES. F ANY MODELCATIONS ARE MADE TO THESE PLANS BY ANY OTHER PARTY OTHER THAY THE DRAFTERS OFFICE THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.

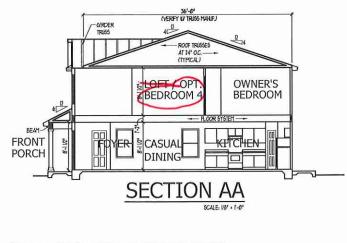












TOTAL UNDER ROC VENTING AREA REC TOTAL REQUIREME LOWER AREA VENT	QUIRED: ENTS:	1115 SQ. F LOWER: 1.		1115 SQ F 3.72 SQ F 1.86
SOFFIT VENT	SIZE	PER UNIT:	# UNITS:	PROVIDE
		.041 SF/LF	51'-11'	2.13
Commence of the Commence of th		EA VENTING P	ROVIDED:	
UPPER AREA VENT	ING I SIZE:	I PER UNIT: 1	* UNITS:	IPROVIDE
RIDGE VENT	SIZE	.125 SF/LF	16'-0'	2.00
	UPPER ARE	A VENTING PR	OVIDED:	
TOTAL AREA PROV	IDED			4.13

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





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

> FREELANCE (Garage Right) H&H HOMES

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TITLE
FRONT ELEVATION
REAR ELEVATION
RIGHT ELEVATION
LETT ELEVATION
ROOF PLAN
BUILDING SECTION

A3.0

2x4 WALL ABY. - PROVIDE (3) | 3)4"
CONDUITS IN ELAB FOR
ELAND ELECTRIC TO
LIALL BEHND REF. A/C PAD (GC, VERIFY SIJE AND LOCATION) -10° H. FLATFORM ELEVATION AT Ø'-Ø' (ASSUMED) II'-1 W' D-0 N I CAR GARAGE GC, VERFY 6" CURB AT GARAGE W OPT, 7x6 EXTERIOR WALLS THE WALL ABY. -8' 50 COUM 11'-8"





DRAWINGS ON II"xi1" SHEET ARE ONE HALF THE SCALE NOTED

Right) FREELANCE (Garage H&H HOMES

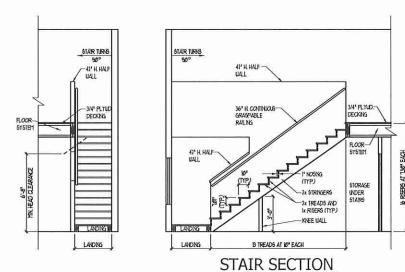
1927

SLAB INTERFACE PLAN
ERVATION A SHORT
STYLAR AT ALL ELEVATIONS (NO PLUPBING CHANGES)

ISSUACE OF PLAS FROM THIS DRAFTERS OFFICE SHALL NOT RELIEVE THE BULDER OF RESPONSIBILITY TO REVIEW AND VERRY ALL NOTES, DYENSIONS, AND ACHERICAE TO APPLICABLE BULDNG CODES PROOR TO COTHERCHEM OF ANY CONSTRUCTION.

ANY DISCREPANCY OF BROWN, INVIES, DAYBESLAND, OR ACHERICE TO APPLICABLE BULDNG CODES SHALL BE BROWNED TO THE ATTENDION OF THE DRAFTER'S OFFICE FOR CORRECTION BEFORE COTHERCHEM OF ANY CONSTRUCTION.

ANY REVISIONS OR CHANGES, NOT RELATED TO THE CORRECTION OF ERRORS THAT ARE HADE AFTER THAN IT AND EXPLORED CONTROL TO THE CONTROL OF THE PARTY OFFICE ANY DEPOSITION OF THE THAN THE DRAFTER'S OFFICE THAN THE DRAFTER'S OFFICE, THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.



5C4E: V4' + 1-0'

\* \* \* \* \* \* \*

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

THE TRIANSILAR OFFENIAS FORTED BY THE RISER TREAD AND BOTTOM RAIL OF A GUARD AT THE OFFEN SDE OF A STAIRLAY ARE FERRITTED TO BE A SUCH A SUZE THAT A SPHERE OF 6 NOHES CANNOT PASS THROUGH

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

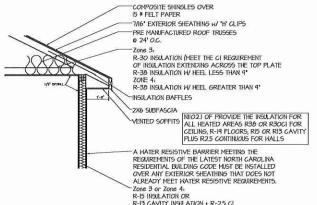
LENGTH OF THE HUISTIT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE HUST TO A POINT DIRECTLY ABOVE THE LOLEST RISER HANDRALL BIDS SHALL BE RETURNED OR SHALL TERMINATE IN NEUEL POSTS OR SAFETY

TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT

LESS THAN I-VY NON BETWEEN THE WALL AND HANDRAILS.

STAIR NOTES:

RALING



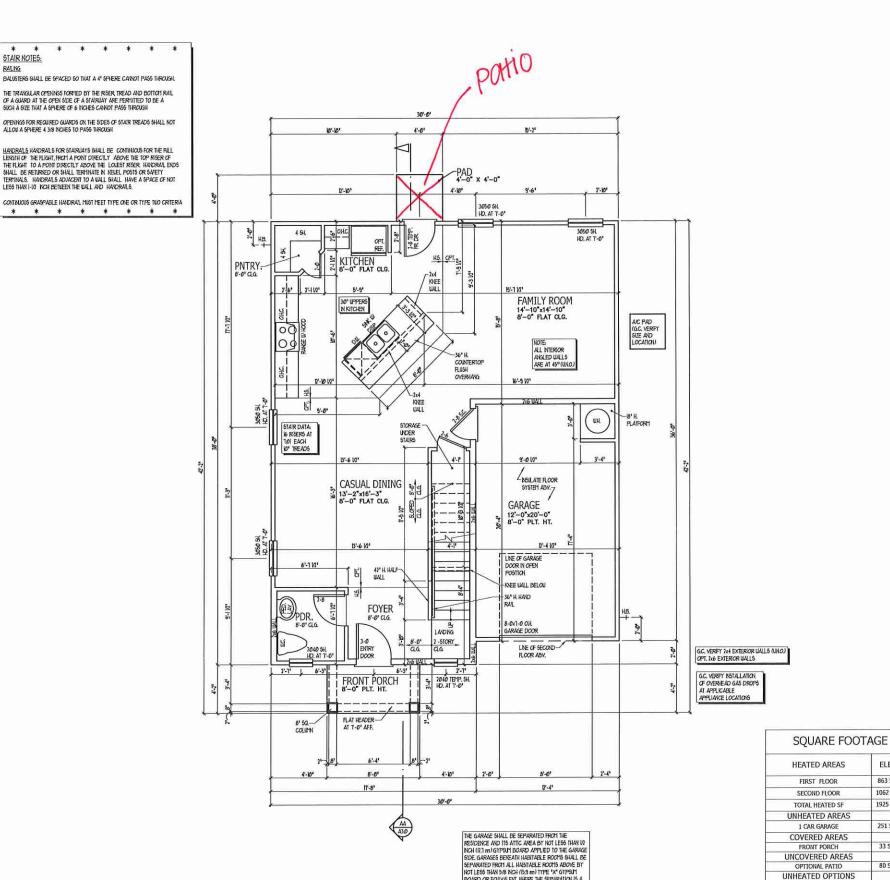
COMPOSITE SHINGLES OVER 15 # FELT PAPER OVER AM EXTERIOR STEATHING THAT DOES NOT ALREADY MEET WATER RESISTIVE REQUIREMENTS, Zone 3 or Zone 4: R-15 INSULATION OR R-13 CAVITY INSULATION + R-25 CI INSULATION DETAIL

ISSUAYE OF PLAS FROM THIS DRAFTER'S OFFICE SHALL NOT RELEVE THE BUILDER OF RESPONSIBILITY TO REVIEW AND VERRY ALL NOTES, DYENSIONS, AND ADHERENCE TO APPLICABLE BUILDING CODES FROOR TO COTTENCERNIC OF ANY COSSTRUCTION.

ANY DISCREPANCY OF ERROR IN NOTES, DYENSIONS, OR ADDRESSIVE TO APPLICABLE BUILDING CODES SHALL BE BROWNED TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORRECTION BEFORE COTTENCERNO OF ANY COSTRUCTION.

ANY REMISSION OR CHARLES NOT RELAKED TO THE CORRECTION OF ERRORS THAT ARE THADE AFTER THE RIVAL PLASS HAVE BEEN COPTLETED SHALL BE SUBJECT TO ADDITIONAL FLESS.

IN ANY TOOLOGISTIONS ARE MADE TO THESE HAND BY ANY OTHER PRANT OTHER THAN THE DRAFTER'S OFFICE, THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.



BOARD OR EQUIVALENT, WHERE THE SEPARATION IS A PLOOR-CELLING ASSEMBLY, THE STRUCTURE SUFFORTING

THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN IN NICH (IZ.1 mm) GYPSUM BOARD OR EQUIVALENT.

Homes H&H by Built



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

Right) Φ Garage FREELANCE HOMES H&H

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ELEV 'A' 863 SQ. FT.

1062 SQ. FT

1925 SQ. FT.

251 SQ. FT.

33 SQ, FT,

80 SQ. FT.

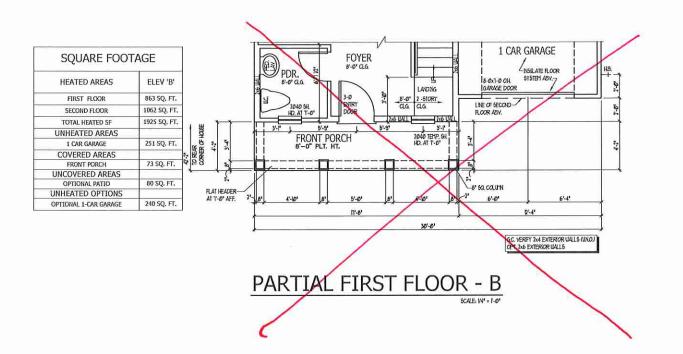
240 SQ. FT.

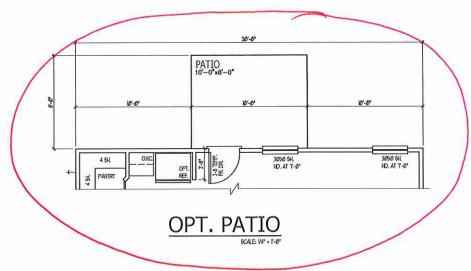
FIRST FLOOR PLAN A

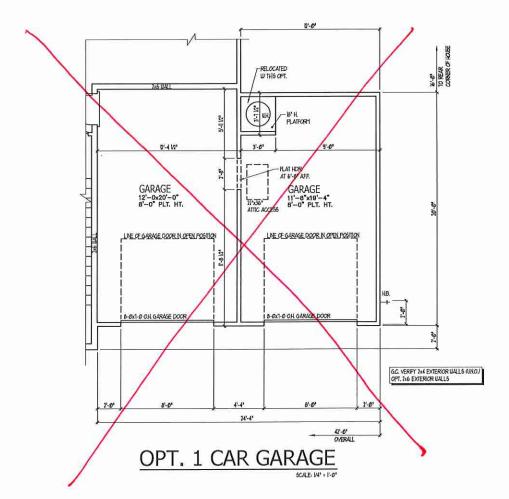
UNCOVERED AREAS

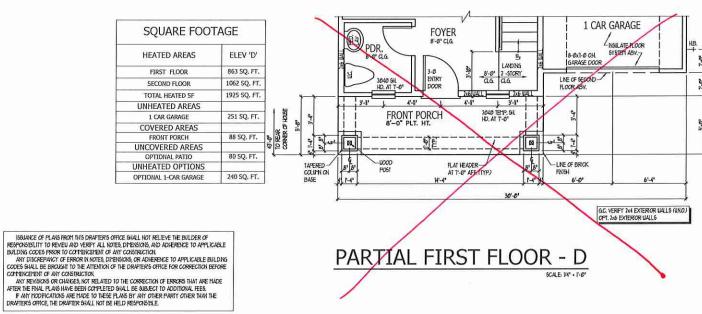
OPTIONAL PATIO UNHEATED OPTIONS

OPTIONAL 1-CAR GARAGE









FIRST FLOOR PLAN OPTIONS

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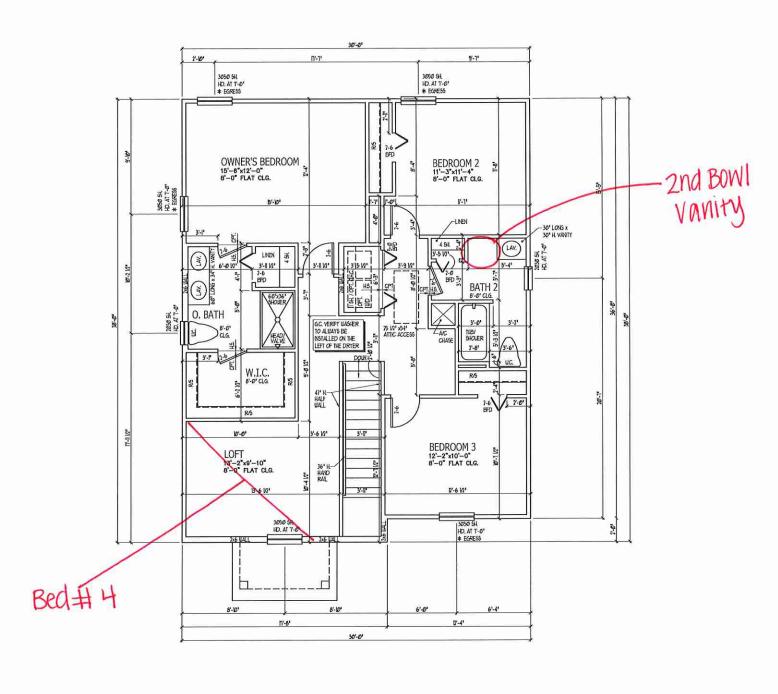


DRAWINGS ON II"xIT" SHEET ARE ONE HALF THE SCALE NOTED

Right) (Garage H&H HOMES FREELANCE

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• TITLE NAN FLOOR PLAN OPTIONS







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

Right)

FREELANCE (Garage H&H HOMES

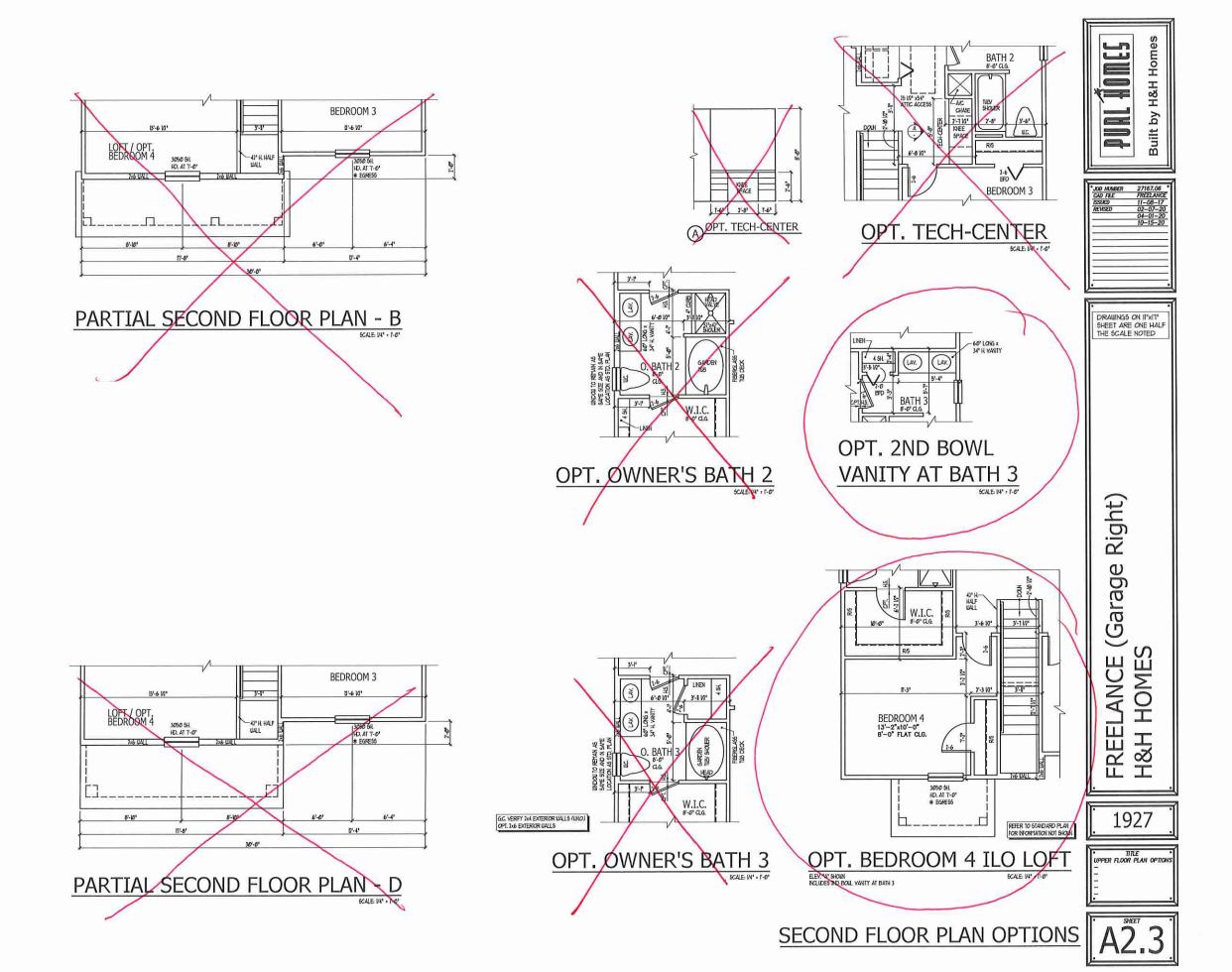
1927

TITLE UPPER FLOOR PLAN

ISSUACE OF PLAS FROM THIS DRAFTERS OFFICE SHALL NOT FELIEVE THE BUILDER OF RESPONSIBILITY TO REVEU NO VERRY ALL NOTES, DYENSIONS, AND ADJECTIVE TO APPLICABLE BUILDING CODES FROM TO COTTENCE THE NOTES, DYENSIONS, OR ADJECTIVE OF APPLICABLE BUILDING CODES SHALL BE BROUGHT TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORRECTION BEFORE COTTENCETOR OF ANY COSSINGUTION.

ANY REVISIONS OR CHAYLES, NOT TRELATED TO THE CORRECTION OF ERRORS THAT ARE MADE AFTER THE RIVAL PLASS HAVE BEEN COPPLIEDE SHALL BE SELECT TO ADDITIONAL FIES.

FAIT MODIFICATIONS ARE MADE TO THESE PLASS BY ANY OTHER PRANT OTHER THAN THE DRAFTERS CHICK, THE DRAFTERS CHICK, THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.



ISSUACE OF PLANS FROM THIS DRAFFERS OFFICE SHALL NOT RELEVE THE BULDER OF RESPONSIBILITY TO REVIEW AND VERFY ALL NOTES, DIPOSIONS, AND ACHERDRICE TO APPLICABLE BUILDING CODES FROM TO CONTROLLING TO ANY CONSTRUCTION. ANY DISCREPANCY OF ENRORS IN NOTES, DIPOSIONS, OR ACHERDRICE TO APPLICABLE BUILDING CODES SHALL BE BROUGHT TO THE ATTENTION OF THE DRAFFERS OFFICE FOR CORRECTION BEFORE CONTROLLED OR ANY CONSTRUCTION.

ANY REVISIONS OR CHAVES, NOT RELIEDED TO THE CORRECTION OF ENRORS THAT ARE MADE AFTER THE FINAL PLANS HAVE BEEN COFFLIED SHALL BE SUBJECT TO ADDITIONAL FIES.

FAIT MODIFICATIONS ARE MADE TO THESE PLANS BY ANY OTHER PARTY OTHER THAN THE DRAFFERS OFFICE THAN BY ANY OTHER THAN THE DRAFFERS OFFICE THE DRAFFERS OFFICE THAN THE DRAFFERS OFFICE THE DRAFFERS OFFICE THAN THE DRAFFERS OFFICE THAN THE DRAFFERS OFFICE THE DRAFFERS OFFICE THAN THE DRAFFERS OFFICE THAN THE DRAFFERS OFFICE THAN THE DRAFFERS OFFICE THE DRAFFERS OFFIC

### ELECTRICAL KEY

I⊕ DIFLEX CONTRIBUTE CUITLET

DUPLEX CUTLET ABOVE COUNTER HEATHERFROOF DUFLEX CUTLET

GROUND FAULT MIERRUPIER DUPLEX CUILET

HALF-GRITCHED DUPLEX CUILET

DIFLEX OUTLET N DUPLEX CUTLET IN FLOOR

MATT SPLICH

THREE-BAY GRITCH

FOUR-MAY BUTTOH

DIMER SETCH

CELLING HOUNTED INCANDESCENT LIGHT FORTURE MIT HONLED INCANDERCENL FRUIL EXLINE

RECEMED INCANDESCENT LIGHT FIXTURE

TRHI EXURE RUH LITT CHAN

TRACK LIGHT FEXTURE

DEMANDS FAN

TRACK LIGHT FEXTURE

EXHAUST FAVILIGHT COMBINATION

ELECTRIC DOOR OFERATOR (OPTIONAL)

CHIPES (OPTIONAL)

CARBON HONOXIDE DETECTOR

© BHOKE DETECTOR

© CHACKE / CARECON HOND, COMESO DETECTOR

ITELETHORE (OPTIONAL)

TELEVISION (OPTIONAL) (1) THEFFHOSTAT

ELECTRIC PETER

ELECTRIC PANEL

\_\_\_ DISCONECT BUTCH SFEAKER (OPTIONAL)

ROUGH-N FOR OPT, CEILING FAN

CELING HOUNTED INCANDERCENT LIGHT FIXTURE IN ROUGH IN FOR OPT, CELING FAN

1. PROVIDE AND INSTALL GROUND FALL CROUT-NTERRIPTERS (GFL) AS INDICATED ON PLANS OR AS ITEN NO. 4 AND 5 BELOW INDICATES.

3. ALL BYOKE DETECTORS GHALL BE HARDWIRED INTO AN ELECTRICAL POWER SCURCE AND BUYLL BE EGUPTED WITH A HONTORED BATTERY BACKUP, PROVIDE AND INSTALL LOCALLY CERTIFED <u>BYOKE DETECTORS</u>.

4. ALL BA AND MA RECEPTACLES IN OLIEPPIN ROCKS, FAVILY ROCKS, DANNING ROCKS, LIMAS ROCKS, PARLORS, LERVARES, DEN, BURCOCKS, RECREATION ROCKS, CLORETS, HALLBAYS, AND SHLAR AREAS ILL. RECURE A COMMINION TYPE AFCL DEVICE AND LIMPER-PROCE RECEPTACIES FER NELL 2014 4660 AND 4660 INC.

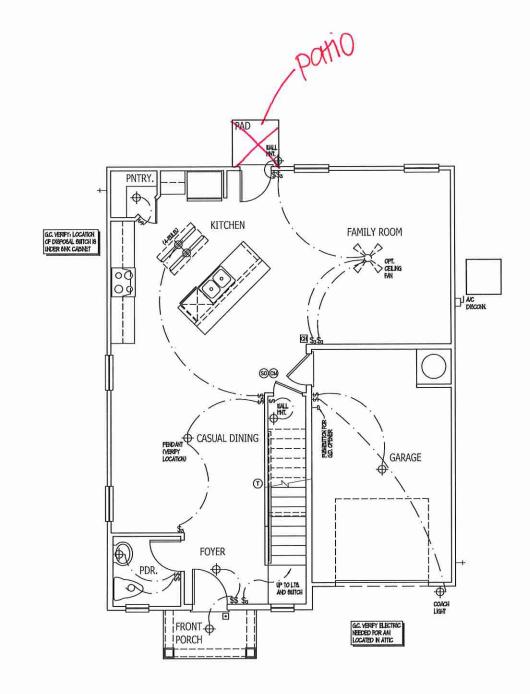
5, ALL BA AND 26A DDY RECEPTACLES LOCATED IN THE GARAGE AND UTILITY ROOMS SHALL BE GECL PROTECTED (GEL)

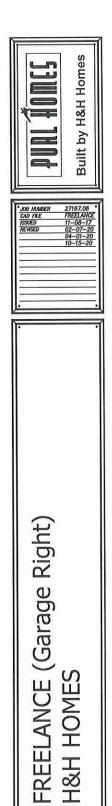
6. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICIAN TO ENGINE THAT ALL ELECTRICAL WORK IS IN THILL COMPLIANCE WITH HEPPA TIS, NEICL SON, AND ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDINANCES.

1. EVERY BULDING HAVING A ROBAL-REL-BURNING HEATER OR APPLIANCE, FREFLACE, OR AH ATTACHED GARACE GIALL HAVE AN OPERATIONAL CARBON KORKONE DETECTOR INSTALLED WITHIN 10 HEFT OF EACH ROCH USED FOR GLEEPING INSTANCES.

A ALAPIS WALL RECEME THEIR PROVINCY POWER FROM THE DULLDING WIRNS WHEN QUAN WAS IS SERVED FROM THE LOCAL POWER WILLTY, QUAN ALAPIS WALL MAY BATTERY BACKEP, COTEMNIAND KOKECARDEN TOKADOR ALAPIS WALL DE LISTED OR LABELED BY A NATIONALLY RECORDED TESTING LABORATORY.

MAUNCE OF FLANS FROM THIS DRAFFER'S OFFICE SHALL NOT RELEVE THE BULLDER OF RESPONSIBILITY TO REVEU AND VERSY ALL NOTES, DYENKINE, AND ADMERSIVE TO AFFILCABLE BULDING CODES FROM TO CONTRECE THE CHAIT CONSTRUCTION. AND DISCORPANCY OF BROKEN HIVES, DYENDAND, OR ADMERSIVE TO AFFILCABLE BULDING CODES SHALL BE BROUGHT TO THE ATTENTION OF THE DRAFFER'S OFFICE FOR CORRECTION EFFORE CONTRECEDED OF ANY CONSTRUCTION. ANY TREVISION OF CHAIKES, NOT RELATED TO THE CORRECTION OF BROKEN THAT ARE THOSE ATTEN THE THAIL THAIS HAVE BEEN COMPLETED SHALL BE SUBJECT TO ADDITIONAL HEAD. FAIT HOPPICATIONS ARE HAVE TO THESE FLANS BY ANY OTHER THAIN THE DRAFFER'S OTHICE, THE DRAFFER SHALL NOT BE HELD RESPONSIBLE.





1927

TITLE MAIN FLOOR ELEC. PLAN

FIRST FLOOR ELECTRICAL PLAN A

## ELECTRICAL KEY

DIFLEX COMPILER CUTLET

DIFLEX CUILET ABOVE COUNTER HOIL MEATHERFROOF DUFLEX CUTLET

HOLD GROUND FALLT MITERRAPIER CUFLEX CUTLET
HOS GRECOLL FURFOCK CUTLET

GRECOLL FURFOCK CUTLET

DUPLEX CUTLET N FLOOR

100 VOLT OUTLET

MATT BILLICH

\$3 THREE-BAY GUTCH

\$4 FOUR-MAY SUTTOH

\$D DITTER BUTCH CELING HOLNTED INCANDESCENT LIGHT FIXTURE

WILL HOUNTED INCANDESCENT LIGHT FIXTURE

O RECEIVED INCANDENCENT LIGHT RECEISED INCANDESCENT LIGHT FIXTURE

TRACK LUSHT

HUORENCENT LUSHT RATURE

Ó EXHAUST FAN

S EXHAUST FANLIGHT COMBINATION

ELECTRIC DOOR OFERATOR (OPTIONAL) EN CHINES (OPTIONAL)

PUBLICATION SIRTCH (OPTIONAL)

SHOKE PETECTOR

SHOKE / CARBON HOND, CONBO DETECTOR

TELEPHONE (OPTIONAL)

TELEPHONE (OPTIONAL)

① THERMOSTAT

DELECTRIC METER

ELECTRIC PAREL

\_\_\_ DISCONECT BUTCH

OPEAKER (OPTIONAL)

ROUGH-IN FOR OPT, CEILING FAN

CELLING HOUNTED INCANDERCENT LIGHT FIXTURE IN ROUGH-IN FOR OPT. CELLING FAN NOTES:

I. FROVIDE AND INSTALL GROUND FALLT CROUT-NITERRIPTERS (GFL) AS INDICATED ON PLANS OR AS ITEM NO. 4 AND 5 BELOW INDICATES.

2. UNLESS OTHERWISE NOKATED, INSTALL BUTCHES AND RECEPTACLES AT THE FOLLOWIS HEISTIS ABOVE PHONED FLOOR BUTCHES......4" JUNETS......4"

TELEPHONE . AT (INLESS ABY COUNTERTOP)

3. ALL BYCKE DETECTORS BHALL BE HAPDINED INTO AN ELECTRICAL POWER COURCE AND SHALL BE EQUIPTED WITH A HONTONED BATTERY BACKUP, PROVIDE AND INSTALL LOCALLY CERTIFED BYCKE DETECTORS.

4. ALL BA AND MAR RECEPTACLES IN GLEFFIG ROCKS, FAVILY ROCKS, DANG ROCKS, LIMAS ROCKS, PARLORS, LERAMERS, DENS, BURCOKS, RECREATION ROCKS CLOSETS, INLIBAYS, AND OSTLAR AREAS ILL. RECURSE A COMENSION THE AFCL DEVICE AND THAT SEATON, SECEPTACLES TERMEC, 2014 4663 AND 4661

5. ALL BA AND 26A 2017 RECEPTACLES LOCATED IN THE GARAGE AND UTILITY ROOMS SHALL BE GFCL PROTECTED (GF1).

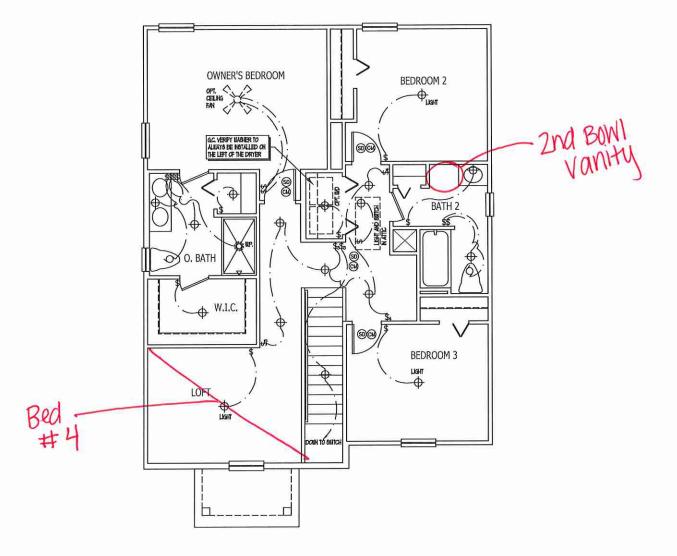
6. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICAN TO ENGRE THAT ALL ELECTRICAL WORK IS IN TALL CONFLIANCE WITH HEP A 16, NEC. 201, AND ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDNANCES.

'L EVERY BULDNO HAVN'S A ROBOL-REL-BURNN'S HEATER OR AFFLIANCE, REEPLACE, OR AN ATTACHED GARACE BULL HAVE AN OFFENIOANL CARBON KONDONE DETECTOR NISTALLED WITHIN WI HEIT OF EACH ROCH WED FOR CLEEPING

A JUAN'S WALL RECEME THER PRIVATY POWER FROM THE BUILDING WIRN'S WHEN AUCH WIRN'S IS SERVED FROM THE LOCAL POWER WILLTY, BUCK JUAN'S WALL HAVE BACKET, COMBINION OF WORKER, ARRON HOW ARRON A JUAN'S WALL BE LIMITED OR LIVERED BY A MAINGALLY RECORATED HERN'S LIBOURATION.

MAJACE OF FLANS FROM THIS DRAFFERS OFFICE SWALL NOT RELEVE THE BUILDER OF RESPONSIBILITY TO REVEU AND VERSEY ALL NOTES, DYENKINS, AND ADJERRACE TO APPLICABLE BUILDING CODES FROM TO CONTRECITE OF ANY CONSTRUCTION. ANY DISCREPANCY OF PROPER HAVINGE, DYENGAND, OR ADJERRACE TO APPLICABLE BUILDING CODES SMALL BE ERROLATE TO THE ATTENTION OF THE DRAFFERS OFFICE FOR CORRECTION EFFORE COPTENEEDED OF ANY CONSTRUCTION.

ANY REVISIONS OF CHANGES, NOT RELATED TO THE CORRECTION OF ERRORS THAT ARE INVOE AFTER THE FRAIL FLANS BUT AND CONTRELED SMALL BE SUBJECT TO ADDITIONAL HEIGHT FAIL TO THE CONTRELED SMALL BE SUBJECT TO ADDITIONAL HEIGHT FAIL TO THE CONTRELED SMALL BE SUBJECT TO ADDITIONAL HEIGHT FAIL TO THE CONTRELED SMALL BE SUBJECT TO ADDITIONAL THE DRAFFERS OFFICE, THE DRAFFER FAIL OFFICE HAVE BY ANY OTHER THAN THE DRAFFERS OFFICE, THE DRAFFERS OFFICE.







Right) Φ (Garage FREELANCE HOME H&H

1927

TITLE UPPER FLOOR PLAN ELEC.

SECOND FLOOR ELECTRICAL PLAN A ELEVATION B AND D SHEAR

#### ELECTRICAL KEY

DIFLEX COMPRIBICE COUNTER

DIFLEX CONTRIBUTE ABOVE COUNTER

HEATHERFROOF DUPLEX CUTLET

HOW GROUND FAILT MIERRUPIER DUPLEX CATLET

HALF-SHITCHED DUPLEX CATLET

OFFICIAL PURPOUE CATLET

DIFLEX CUILET NIFLOOR

220 YOLT OUTLET

MALL BUTCH

FOUR-HAY BUTTON

D DIMER BUTCH
CELING HOUSED N CELLING HOLNTED INCANDESCENT LIGHT FIXTURE

MALL HOLNTED INCANDEDCENT LIGHT FIXTURE RECEMED INCANDESCENT LIGHT FIXTURE

LIGHT FORUME WITH PULL CHAIN

TRACK LIGHT

TRACK LIGHT

HUDRESCENT LIGHT RATURE

DEMANDS FAN

S EXPLISE FAVOLSHIT COMBINATION

ELECTRIC DOOR OPERATOR (OPTIONAL) EN CHIMEN (OPTIONUL)

CARBON HONOXIDE DETECTOR BHOKE DETECTOR

(SO) EHOKE / CARBON HOND, COMBO DETECTOR

H TELEPHONE (OPTIONAL) TELEVISION (OPTIONAL)

THERMOSTAT

DE ELECTRIC PEREL

\_ DISCONECT SUTICE

O SPEAKER (OPTIONAL) TO ROUGH IN FOR OPT. CELLING FAN

CELING HOUNTED INCANDENCENT LIGHT FOTURE BY ROUGH IN FOR OPT. CELING FAN

I., PROVIDE AND INSTALL <u>GROUND FAULT CROUT-INTERRUPTERS</u> (GFL) AS INDICATED ON PLANS OR AS ITEM NO. 4 AND 8 BELOW INDICATES.

3. ALL OYCKE DETECTORS GAALL BE HARDWIRED NITO AN ELECTRICAL POWER GOURCE AND SHALL BE EQUIPTED WITH A HONTORED BATTERY BACKUP, PROVIDE AND NISTALL LOCALLY CERTIFIED OFFICE DETECTORS.

4. ALL BA AND 26A RECEPTACES IN METETA'S ROCHS, FAMILY ROCHS, DANSA ROCHS, LIMAS ROCHS, PARLORS, LERVARES, DEB, BLROCHS, ECREATION ROCHS, CLOSETS, MULINAY, AND MAILA REAS MULI REGULE A CONDINIONANT THE AFCL DEVICE AND TAPER-PROOF RECEPTACES FER NEC. 201, 406 D. AND 406 D

5, ALL BA AND 16A 1984 RECEPTACLES LOCATED IN THE GARAGE AND UTILITY ROCH'S SHALL BE GECL PROTECTED (GELL

6. IT IS THE RESPONDIBILITY OF THE LICENSED ELECTRICAN TO ENGINE THAT ALL ELECTRICAL BOOK IS IN FILL COPYLINGE WITH KEPA 16, NEC. 261, AND ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDINANCES.

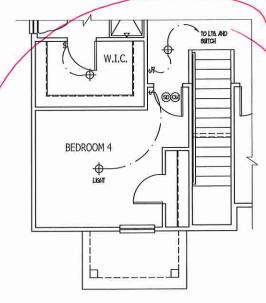
1. EVERY BUILDA'S HAVA'S A FOOGL-FUEL-BURNE'S HEATER OR AFFLUAVE, FREEFLACE, OR AM ATMONED GARACE SHALL HAVE AN OFFENTAMI, CARBON HONOUGE DETECTOR NITALLED WITHIN 19 HET OF EACH ROOM USED FOR ELEEPING FREYOUED.

A JUAN'S SHALL RECENT THER PROTARY POWER FROM THE BUILDING WIRNS WHEN BUCH WIRN'S IN SERVED FROM THE LOCAL POWER WILLTY, SUCH JUAN'S SHALL HAVE BUTTERY BUCKLY COMBANION STREET, SECONDED THE INSTALL HE LISTED OR LASELED BY A HATIONALLY RECONTED THE INS LABORATORY.

MOUNCE OF PLANS FROM THIS DRAFFERS OFFICE SMALL NOT RELEVE THE BULDER OF FEBROASDILITY TO REVEW AND VEREY ALL NOTES, DYENSIONE, AND ADJESSIVE TO AFFILIABLE BULDING CODES FROM TO CONTRECT HOTE AND THOSE OFFICE TO AFFILIABLE BULDING CODES SMALL BE PROJUST TO THE ATTENDION OF THE DRAFFERS OFFICE FOR CORRECTION EBFORE COTENSETED OF ANY CONSTRUCTION. ANY TENNAND OF THE DRAFFERS OFFICE FOR CORRECTION EBFORE COTENSETED OF ANY CONSTRUCTION. ANY TENNAND OF ANY CONSTRUCTION AND THE THAT HAVE HAVE AFTER THE FRAME HAVE FEETH CONFILED SMALL BE SUBJECT TO ADDITIONAL TIESS. FAIRT THOSPICATIONS ARE HAVE TO THESE PLANS BY ANY CONSERVANT OTHER THAN THE DRAFFERS OFFICE, THE DRAFFER SMALL NOT BE HELD RESPONSELE.





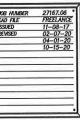


OPT. OWNER'S BATH 3

OPT. BEDROOM 4 ILO LOFT H.BY, "A" SHOUN HICLIDED 2ND BOIL, YANTY AT BATH 3

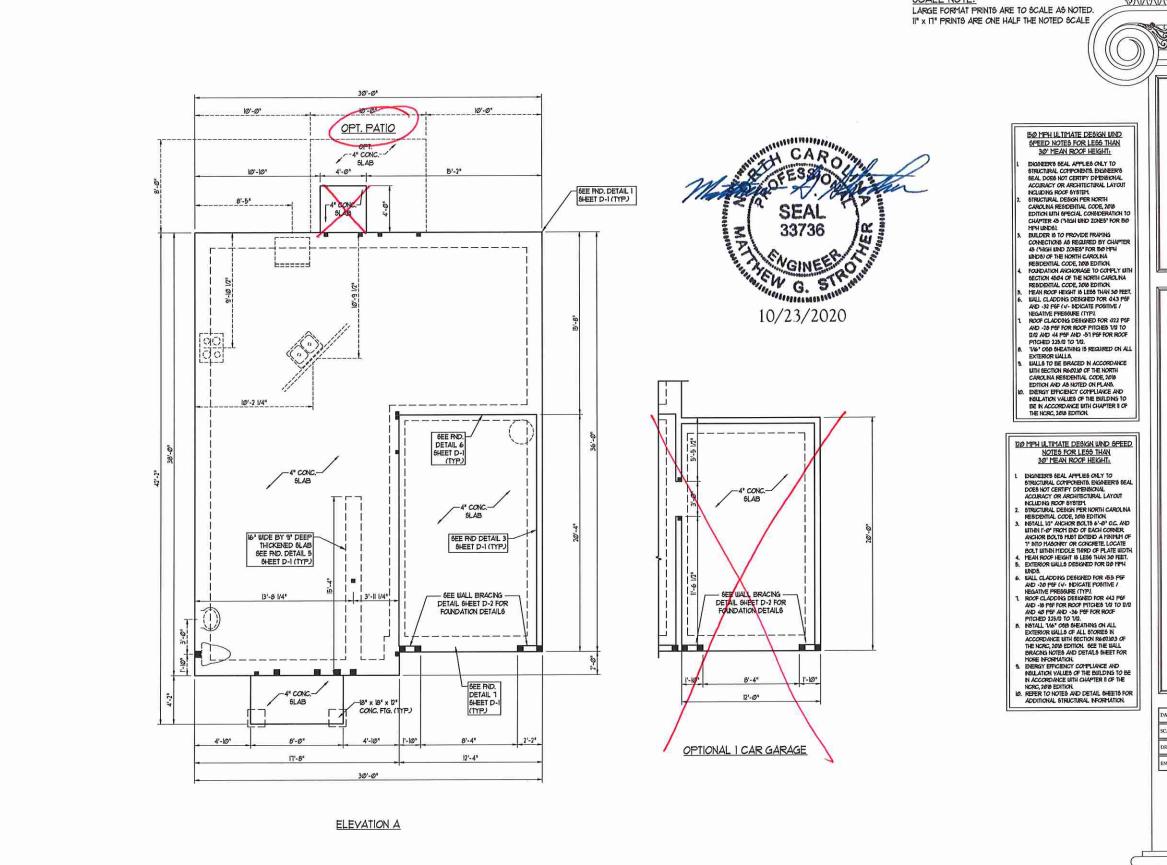
SECOND FLOOR ELECTRICAL PLAN OPTIONS





Right)  $\mathbf{\Phi}$ (Garage HOMES FREELANCE H&H

**1**927



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SCALE NOTE:

ENGINEERING. I ENGINE (SON WARENEWS IN SON I

FREELANCE 1 & H HOMES

DATE-OCTOBER 23, 2020

SCALE: 1/4" - 1'0" DRAWN BY, PURLISOMES

ENGINEERED BY: WFB

sheet, 3 об. 13 S-1.2a MONO SLAB FOUNDATION PLAN

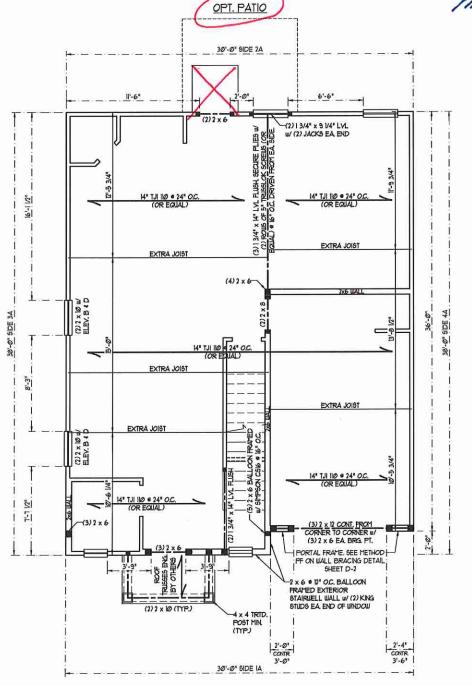
#### BRACED WALL DESIGN NOTES:

- STRUCTURAL PANELS" CONTRACTOR IS TO INSTALL 1/16" OSB
- 'GB REFERS TO "GYPSUM BOARD" CONTRACTOR IS TO INSTALL 12" (TIN) GYPSUM WALL BOARD WHERE NOTED ON THE FLANS.
  FASTEN GB WITH I 1/4" SCREWS OR I 5/8" NAILS SPACED TO OC.
  ALONG PANEL EDGES AND IN THE FIELD INCLUDING TOP AND
- IN ACCORDANCE WITH CHAPTER 45 OF THE NCRC 2019 EDITION. SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED

#### BRACED WALL DESIGN RECTANGLE B RECTANGLE A SIDE IB METHOD: C5-WSP/FF SIDE IA METHOD: C5-USP/FF TOTAL REQUIRED LENGTH: 988' TOTAL PROVIDED LENGTH: 14' TOTAL REQUIRED LENGTH: 238' TOTAL PROVIDED LENGTH: 6' SIDE 2A METHOD: C5-USP TOTAL REQUIRED LENGTH: 988' SIDE 2B METHOD: CS-WSP TOTAL REQUIRED LENGTH: 238' TOTAL PROVIDED LENGTH: 17.0° SIDE 3B 4 4A COMBINED TOTAL PROVIDED LENGTH: 20" METHOD: CS-WSP METHOD: CS-WSP/GB TOTAL REQUIRED LENGTH: 8Ø1' TOTAL PROVIDED LENGTH: 32' TOTAL REQUIRED LENGTH: 1001' TOTAL PROVIDED LENGTH: 236'

TOTAL REQUIRED LENGTH: 2'

TOTAL PROVIDED LENGTH: 20'



ELEVATION A

EW G. 5

10/23/2020

NOTE: BCI 4500s-18 JOISTS MAY BE INSTALLED IN LIEU OF TJI IID JOISTS AT THE DEPTH AND SPACING INDICATED ON THE PLAN

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



OZ

FREELANCE I & H HOMES

S

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 12 @ 24" O.C. (UNO).

#### STRUCTURAL NOTES:

- ALL FRAMING LUMBER TO BE SFF 12 (UNO). ALL TREATED LUMBER TO BE SYP 12 (UNO.)
- ALL LOAD BEARING HEADERS TO BE (2) 2
- x 6 (UNO). NSTALL 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 R602.7.5 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/16\* 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) ROUS OF 8d NAILS STAGGERED AT 3" O.C. PANELS SHALL EXTEND IZ" BEYOND CONSTRUCTION JOINTS AND SHALL OVERLAP GIRDERS AND DOUBLE SILL PLATES THEIR RILL 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 x 4 AND 6 x 6 POSTS 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. SCREUS. FASTEN ANGLES TO COLUMNS W/ V4"
  THROUGH BOLTS W/ NUTS AND WASHERS. LOCATE ANGLES ON OPPOSITE SIDES OF COLUMN. THROUGH BOLTS MUST BE INSTALLED PRIOR TO SETTING COLUMN. REFER TO NOTES AND DETAIL SHEETS FOR

MINIMUM NUMBER OF FULL

ADDITIONAL STRUCTURAL INFORMATION.

HEADER SPAN	MAXIMUM STUD SPACING (INCHES (PER TABLE R6023(5)		
(FEE1)	16	24	
UP TO 3'	1	1	
4'	2	1	
8'	3	2	
12'	Б	3	
161	6	4	

2.1.5 L HEIGHT STUDS IN EXTERIOR WALLS	DATE: OCTOBER 23, 2020
ID SPACING (INCHES)	SCALE 1/4" - 1'4"
ABLE R6013(5)	DRAWN BY: PURL HOMES
24	
	ENGINEERED BY: WFB
1	AR CONTRACTOR OF STANCE
2	1

SHEET: 7 OF: 13 S-2a SECOND FLOOR FRAMING PLAN

12'-Ø" SIDE 2B (3) 2 x 12 CONT, FROM CORNER TO CORNER W (2) 2 x 6 EA BRG, PT. 2'-0" CONTR 3'-0' PORTAL FRAME, SEE METHOD FF ON WALL BRACING DETAIL SHEET D-2 12'-0" SIDE IB RECTANGLE B OPTIONAL I CAR GARAGE

HEADER SPAN (FEET)	MAXIMUM STUD SPACING (INCI- (PER TABLE R6013(5)	
(FEE 17	16	24
UP TO 3"	1	1
4'	2	1
8'	3	2
D,	Б	3
161	6	4

BRACED WALL DESIGN PER SECTION R6/02/0 OF THE NCRC 2018 EDITION. C5-USP REFERS TO "CONTINUOUS SHEATHING - WOOD

ON ALL EXTERIOR WALLS ATTACHED W/ 8d NAILS SPACED 6"
O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD.

BRACED WALL DESIGN APPLIED IN WIND ZONES UP TO 130 MPH. FOR HIGH WIND ZONES, BRACE WALLS ARE TO BE CONSTRUCTED

WALL INFORMATION

TOTAL REQUIRED LENGTH: 801

TOTAL PROVIDED LENGTH: 38'

NO STRUCTURAL CHANGES FOR OPTIONAL OWNER'S BATHS NO STRUCTURAL CHANGES w/ (3) 2 x 4 OR (3) 2 x 6 EA/ END ROOF TRUSSES ENG. BY OTHERS -2 x 6 . 12" O.C. BALLOON OPTIONAL BEDROOM 4 **ELEVATION A** 

SCALE NOTE:

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



(V) -2 8

NOTE: ALL SECOND FLOOR EXTERIOR WALLS AND ATTIC WALLS ARE TO BE 2 x 4 SPF 12 @ 24" O.C. 2 x 6 SPF 12 @ 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 12 a 24" O.C. (UNO).

#### BRACED WALL DESIGN NOTES:

- BRACED WALL DESIGN PER SECTION R607J0 OF THE
- NCRC 2018 EDITION.
  C5-UBP REFERS TO "CONTINUOUS SHEATHING WOOD STRUCTURAL PANELS" CONTRACTOR IS TO INSTALL 1/16" OSB ON ALL EXTERIOR WALLS ATTACHED W 8d NAILS SPACED 6\*
  OC. ALONG PANEL EDGES AND 12\* OC. IN THE FIELD.
  IGB REFERS TO "GYPSUM BOARD" CONTRACTOR 15 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 1" OC. ALONG PANEL EDGES AND IN THE FIELD INCLUDING TOP AND BOTTOM PLATES
- DOTION 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 WALL INFORMATION.

#### NOTE:

- I. PER SECTION R6021/032 OF THE 2010 NCRC, THE AMOUNT OF BRACING ON THE SECOND FLOOR EXCEEDS THE AMOUNT REQUIRED FOR THE FIRST FLOOR AND NO BRACED WALL
- ANALYSIS IS RECOINED.

  2. SHEATH ALL EXTERIOR WALLS WITH THE OSB SHEATHING ATTACHED WITH 8d NAILS AT 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD.

#### STRUCTURAL NOTES:

- ALL FRAMMS LUMBER TO BE SFF 12 (UNO).
  ALL TREATED LUMBER TO BE 6YP 12 (UNO).
  ALL LOAD BEARMS HEADERS TO BE (2) 2 x
- 6 (INO) 6 (UNO).

  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 REGULERSTENTS

  SQUARES DENOTE POINT LOADS WHICH
- REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (2) STUDS (INO)
- FOR HIGH WIND ZONES, ALL EXTERIOR WALLS TO BE SHEATHED WITH 1/16" OSB SHEATHING WITH JOINTS BLOCKED AND SECURED WITH 8d NAILS AT 3" O.C. ALONG EDGES AND 6" O.C. IN THE FIELD.
- 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) ROUS OF BAI NALL
  STAGGERED AT 3" O.C. PANELS SHALL EXTEND IZ' 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 R602.15 MINIMUM NUMBER OF FULL HEIGHT STUDS

HEADER SPAN (FEET)	MAXIMIM STUD SPACING (INCHES) (PER TABLE RGØ13/5)		
(PEE)	16	24	
UP 10 3'	1	1	
4'	2	. 1	
8'	3	2	
D'	5	3	
161	6	4	

DATE: OCTOBER 23, 2020 SCALE: 1/4" + 1'4" DRAWN BY, PURLHOMES

SHEET: 9 OF: 13

NGINEERED BY WEB

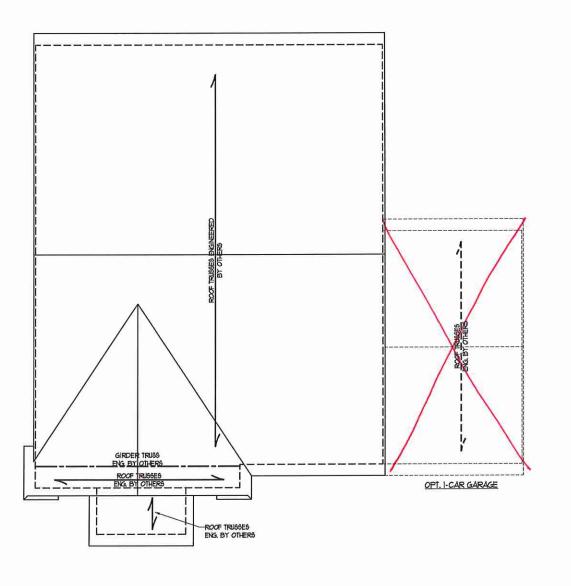
S-3a CEILING FRAMING PLAN

ENGINEERING,
606 WADE AVE SUTTE UP RALEGIS, WADE AVE, SUTTE UP RALEGIS, WADER NO, COTTAN CO. (1733)

FREELANCE 1 & H HOMES

EW G. 51

10/23/2020



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



ENGINEERING, INC
608 WADE AVE. SUITE 104 RALECH, NC 27605
PHONE (919) 780-9919 78X-9911
N.C. LICENSE NO. C. (733)

STRUCTURAL NOTES:

STRUCTURAL NOTES:

ALL FRAMING LUMBER TO BE \$2

SPF (INO).

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

FRAME DORFER WALLS ON TOP
OF DOUBLE OR TRIPLE RAFTERS.

HIP SPLICES ARE TO BE SPACED
A MIN. OF 8 -0" FASTEN
MEMBERS WITH THREE ROUS OF
2d MAILS 0 16" OC. (TYP)

STICK FRAME OVER-FRAMED
ROOF SECTIONS W 2 x 8 RIDGES,
2 x 6 RAFTERS 0 16" OC. AND
FLAT 2 x 20 VALLEYS OR USE
VALLEY TRUSSES.

FASTEN FLAT VALLEYS OR USE
VALLEY TRUSSES.

FASTEN FLAT VALLEYS TO
RAFTERS OR TRUSSES WITH
SYMPSON 125A HURRICANE
TIES THROUGH NOTCH IN ROOF
SHEATHING. EACH RAFTER 15 TO
BE FASTENED TO THE FLAT
VALLEY WITH A MIN. OF (6) 12d
TOE NAILS.

REFER TO SECTION RADUIL OF THE
2019 NORC FOR REGUIRED UPLIFT
RESISTANCE AT RAFTERS AND
TRUSSES.

REFER TO NOTES AND DETAIL
SHEETS FOR ADDITIONAL
STRICTURAL NFORMATION.

FREELANCE H & H HOMES



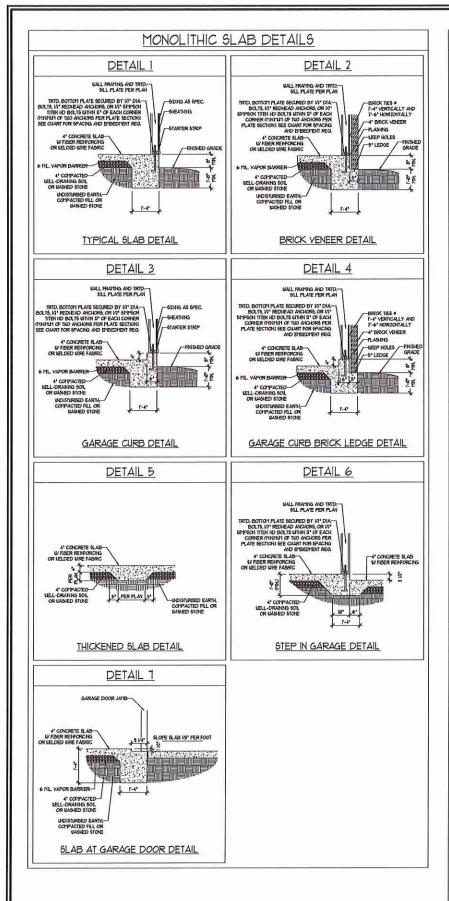
DATE: OCTOBER 23, 2020 SCALE 1/4" - 1/4"

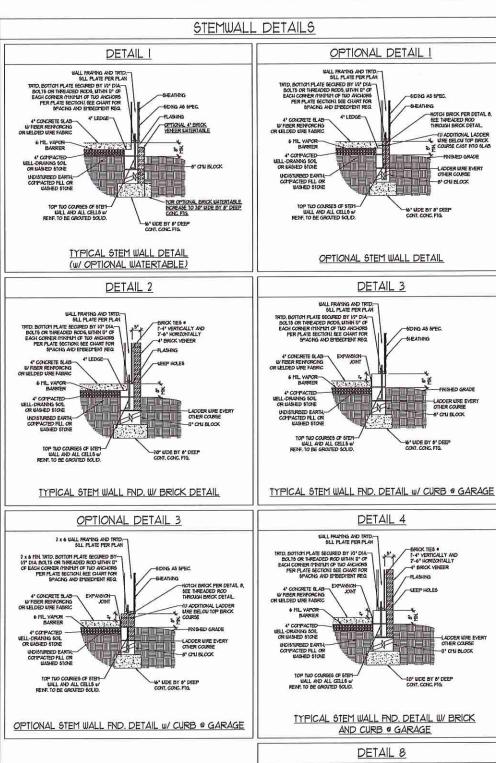
DRAWN BY: PURL HOMES

ENGINEERED BY: WFB

sheet, 11 ог. 13 S-4a ROOF FRAMING PLAN

ELEVATION A





NSIDE EDGE OF

BRICK MASONRY

NOTCH BRICK . THREADED

MASONRY STEMUALL

OUTSIDE EDGE OF BRICK AND STICK FRAMED WALL ABOVE -

I/A" ANCHOR ROD

000 000 000

THREADED ROD THROUGH BRICK MASONRY

SPACED PER TABLE

WALL HEIGHT (FEET)	MASONRY WALL TYPE			
	e, cun	4" BRICK AND 4" CMJ	4" BRICK AND 8" CMI	12° CMU
2 AND BELOW	UNGROUTED	GROUT SOLID	UNGROUTED	UNGROUTED
3	UNGROUTED	GROUT SOLID	UNGROUTED	UNGROUTED
4	GROUT SOLID	GROUT SOLID #/ *4 REBAR # 48" O.C.	GROUT SOLID	GROUT SOLID w/ "4 REBAR # 64" O.C.
5	GROUT SOLID w/ *4 REBAR # 36* O.C.	NOT APPLICABLE	GROUT SOLID w/ *4 REBAR # 36* O.C.	GROUT SOLID W 4 REBAR # 64" O.C.
6	GROUT SOLID u/ 4 REBAR # 24* O.C.	NOT APPLICABLE	GROUT SOLID W 14 REBAR # 24" O.C.	GROUT BOLID W 44 REBAR # 64" O.C.

#### STRUCTURAL NOTES:

WALL HEIGHT MEASURED FROM TOP OF FOOTING TO TOP OF THE WALL.
THE MILTIPLE WITHES TOGETHER WITH LADDER WIFE AT 16" O.C. VERTICALLY,
CHART APPLICABLE FOR HOUSE FOUNDATION ONLY, CONSULT ENGINEER FOR DESIGN OF GARAGE

3. CHART AFFI, CABLE FOR HOUSE FORNDATION (SLT.), CONSULT DISINEER FOR DESIGN OF GARAGE RONDATION NOT COTYCN OF HOUSE.

4. BACKFILL OF CIEAN '51 I' 61 WASHED STONE IS ALLOWABLE.

5. BACKFILL OF WIELL DRAINED OR SAND - GRAVEL HINTIME SOILS (LASSFICATION SYSTEM IN ACCORDANCE WITH 1ABLE REGIS) OF THE 1080 INTERNATIONAL RESIDENTIAL CODE ARE ALLOWABLE.

5. FREEP SLAD FER REGIS 1 THE 1080 INTERNATIONAL RESIDENTIAL CODE ARE ALLOWABLE.

10. LOCATE REBAR IN CENTER OF FOUNDATION WALL.

11. LOCATE REBAR IN CENTER OF FOUNDATION WALL.

12. WHERE REQUIRED, FILL BLOCK SOILD WITH TITFE '5' HORTAR OR 3000 PSI GROUT, USE OF 'LOU LET GROUTING' HETHOOD REQUIRED WENT FILLING WALLS WITH GROUT AT HEIGHTS OF 5' AND

AN	ICHOR SPACING AND	D EMBEDMENT
WIND ZONE	120 MPH	13/0 MPH
6PACING	6'-0" O.C.	4'-0' O.C.
EMBEDMENT	1	B* INTO MASONRY T* INTO CONCRETE



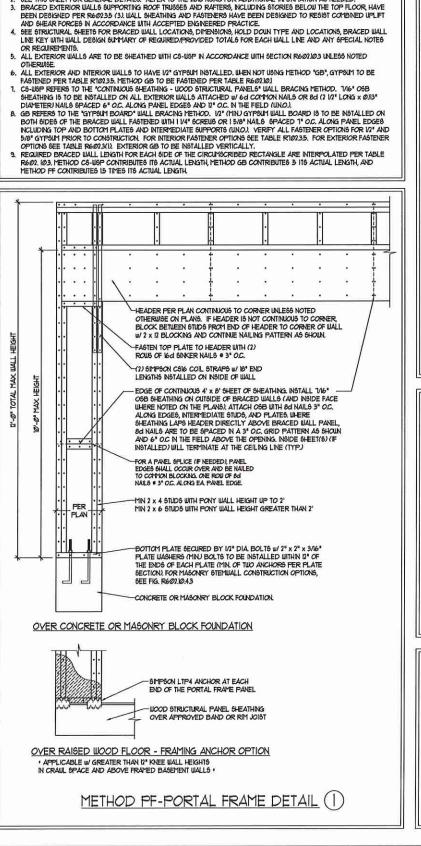
OZ (V) -2 8

ENGINEERING,
666 WADE AVE. SUITE 109 FALE 1091 PROHOUSE 1091 PRESENDE TAX

SPEED WIND MPH ULTIMATE DESIGN FOUNDATION DETAILS 130

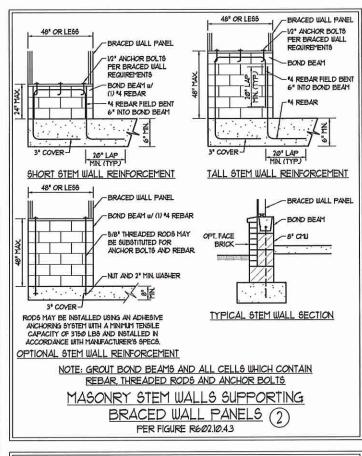
DATE: NOVEMBER 14, 2018 SCALE: NTS DRAWN BY IST NGINEERED BY, JES

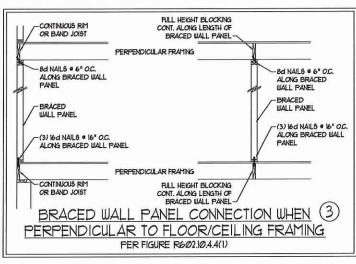
D-1 FOUNDATION DETAILS

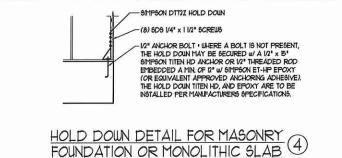


GENERAL WALL BRACING NOTES:

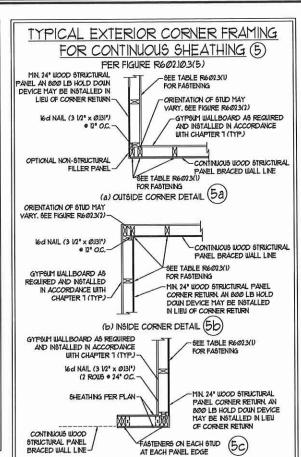
WALL BRACN'S DEBIGNED IN ACCORDANCE WITH CHAPTER 6 OF THE 2018 NC REBIDENTIAL BUILDING CODE (NCRC).
TABLES AND FIGURES REFERENCED ARE FROM THE 2018 NCRC.
6EE THIS SHEET FOR GENERAL DETAILS. REFER TO THE 2018 NCRC FOR ADDITIONAL INFORMATION AS NEEDED.







APPLICABLE ONLY WHERE SPECIFIED ON PLAN :



(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 CONNECTION WHEN

ADDITIONAL FRAMING

BRACED WALL PANEL

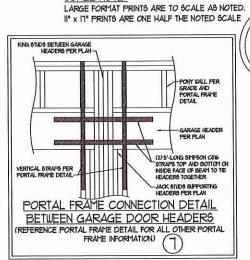
MEMBER DIRECTLY ABOVE

Bol NAILS . 6" O.C. ALONG

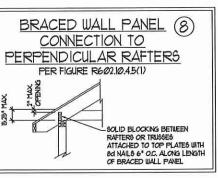
BRACED WALL PANEL

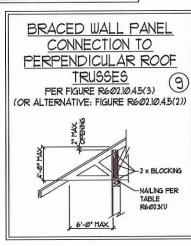
PARALLEL TO FLOOR/CEILING FRAMING

PER FIG. R602.10.4.4(2)



SCALE NOTE:





DATE: OCTOBER 30, 2018 CALE: 1/4" - 1'0" RAWN BY, IST ENGINEERED BY IST D-2

BRACED WALL NOTES AND DETAILS AND PF DETAILS

-BRACED WALL PANEL BRACED WALL PANEL BRACED WALL PANEL (3) 16d NAILS . 16" O.C. (3) 16d NAILS . 16" O.C. -(3) 16d NAILS # 16" OC. AT EA BLOCKING ALONG BRACED WALL PANEL ALONG BRACED WALL PANEL (2) 16d NAILS EA. SIDE -FULL HEIGHT BLOCKING . ADDITIONAL FRAMING \*\*\*\*\*\*\*\*\*\*\*\*\* CONTINUOUS RIM W FINGER 16" O.C. ALONG LENGTH OF BRACED WALL PANEL CARO JOISTS OR DBL. BAND JOIST BRACED WALL PANEL SEAL 33736 VGINEER

PULL HEIGHT BLOCKING .

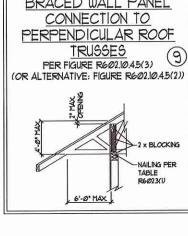
16" O.C. ALONG LENGTH OF

BRACED WALL PANEL

TOE NAIL (3) BE NAILS AT

EA BLOCKING MEMBER

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STRO EW G. 40111011188841818 10/23/2020

S. TH NGINE 606 WADE AVE., SUI PHONE. (919) 785 P)III

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DESIGN WIND S S AND DETAILS ) MPH ULTIMATE D. BRACING NOTES A

130 ALL

MPH.

SCALE NOTE: LARGE FORMAT PRINTS ARE TO SCALE AS NOTED. II" x 11" PRINTS ARE ONE HALF THE NOTED SCALE

# 

3

So WADE AVE

130 MPH ULTIMATE DESIGN WIND STANDARD STRUCTURAL NOTES MPH

## ATE NOVEMBER 14, 2018

AWN BY: JES

GINEERED BY IST

STRUCTURAL NOTES

#### 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
- 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
- 3. STRUCTURAL DESIGN BASED ON THE PROVISIONS OF THE NCRC, 2018 EDITION (R30L4 R30LT)

DESIGN CRITERIA:	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION (IN)
ATTIC WITH LIMITED STORAGE	20	10	L/240 (L/360 w/ BRITTLE FNISHES)
ATTIC WITHOUT STORAGE	10	10	L/360
DECKS	40	10	L/36Ø
EXTERIOR BALCONIES	40	10	L/360
FIRE ESCAPES	40	10	L/360
HANDRAILS/GUARDRAILS	200 LB OR 50 (PLF)	10	L/36Ø
PASSENGER VEHICLE GARAGE	50	10	L/36Ø
ROOMS OTHER THAN SLEEPING ROOM	40	1Ø	L/36Ø
SLEEPING ROOMS	30	10	L/36Ø
STAIRS	40	10	L/36Ø
WIND LOAD	(BASED ON TABLE R3012)	4) WIND ZONE AND EXPOSURE	
GROUND SNOW LOAD: Pg	20 (PSF)		

- I-JOIST SYSTEMS DESIGNED WITH 12 PSF DEAD LOAD AND DEFLECTION (IN) OF L/4800
- FLOOR TRUSS SYSTEMS DESIGNED WITH IS PSF DEAD LOAD
- FOR 15 AND 120 MPH WIND ZONES, FOUNDATION ANCHORAGE IS TO COMPLY WITH SECTION R40316 OF THE NCRC, 2018 EDITION. FOR 130 MPH, 140 MPH, AND 150 MPH WIND ZONES, FOUNDATION ANCHORAGE IS TO COMPLY WITH SECTION 4504 OF THE NORC, 2018 EDITION.
- 5. EXERGY EFFICIENCY COMPLIANCE AND INSULATION VALUES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER II OF THE NORG. 2016 EDITION.

#### FOOTING AND FOUNDATION NOTES

- I. FOUNDATION DESIGN BASED ON A MINIMUM ALLOWABLE BEARING CAPACITY OF 2000 PSF. CONTACT GEOTECHNICAL ENGINEER IF BEARING
- 2. FOR ALL CONCRETE SLABS AND FOOTINGS, THE AREA WITHIN THE PERIMETER OF THE BUILDING ENVELOPE SHALL HAVE ALL VEGETATION, TOP SOIL AND POREIGN MATERIAL REMOVED. FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL. THE FILL SHALL BE COMPACTED TO ASSURE UNFORM SUPPORT OF THE SLAB, AND EXCEPT WHERE APPROVED, THE FILL DEFITHS SHALL NOT EXCEED 24" FOR CLEAN SAND OR GRAVEL. A 4" THICK DASED COURSE CONSISTING OF CLEAN SHADD SAND OR GRAVEL SHALL BE PLACED. A BASE COURSE IS NOT REQUIRED WHERE A CONCRETE SLAB IS NOTALED ON WELL-DRANED OR SAND-GRAVEL MILL BE PLACED. AS GROUP I, ACCORDING TO THE UNITED BOIL CLASSIFICATION SYSTEM IN ACCORDANCE WITH TABLE R405.1 OF THE NORC, 2018 EDITION.
- 3. PROPERLY DEWATER EXCAVATION PRIOR TO POURING CONCRETE WHEN BOTTOM OF CONCRETE 6LAB IS AT OR BELOW WATER TABLE. IF APPLICABLE, 3/4" - I" DEEP CONTROL JOINTS ARE TO BE SAUED WITHIN 4 TO 12 HOURS OF CONCRETE FINISHING AND WALL LOCATIONS HAVE
- 4 CONCRETE SHALL CONFORM TO SECTION R4002 OF THE NORC 2018 EDITION. CONCRETE REINFORCING STEEL TO BE ASTM A615 GRADE 60. UNITEDED WIRE FABRIC TO BE ASTM ABO MAINTAIN A MINIMAL CONCRETE COVER AROUND REPROVENCES STEEL OF 3° IN POSTINGS AND I IZ 'N SLABS, FOR POURED 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 I 1/2" FOR "5 BARS OR SMALLER, AND NOT LESS THAN 2" FOR "6 BARS OR LARGER.
- 5. MASONRY UNITS TO CONFORM TO ACE 530/ASCE 5/IMS 400. MORTAR SHALL CONFORM TO ASTM COTO.
- 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 6 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 RAPA OF THE NORC, 2018 EDITION OR IN ACCORDANCE WITH ACI 318, ACI 332, NOMA TREB-A OR ACE 530/ASCE 5/TMS 402. MASONRY FOUNDATION WALLS ARE TO BE REINFORCED PER TABLE R4041X1) R4041X2), R4041X3), OR R4041X4) OF THE NCRC, 2018 EDITION. CONCRETE FOUNDATION WALLS ARE TO BE REINFORCED PER TABLE R4041X5) OF THE NCRC, 2018 EDITION. STEP CONCRETE FOUNDATION WALLS TO 2 x 6 FRAMED WALLS AT 16" O.C. WHERE GRADE PERMITS (UNO).

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#### FRAMING NOTES

- L ALL FRAMING LUMBER SHALL BE \*2 SPF MINIMUM (Fb = 815 P8), Fv = 315 P8), E = 16000000 P8)) UNLESS NOTED OTHERWISE (UNO). ALL REATED LUMBER SHALL BE 12 SYP MINIMUM (Fb = 915 PBI, Fv = 115 PBI, E = 16000000 PBI) UNLESS NOTED OTHERWISE (UNO).
- 2. LAMINATED VENEER LUMBER (LVL) 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: Ho = 2375 PSI, FV = 310 PSI, E = 15500000 PSI. PARALLEL STRAND LUMBER (PSL) UP TO 1" DEPTH SHALL HAVE THE FOLLOUING MINIMUM PROPERTIES: Fc = 2500 PSI, E =1800000 PSI. PARALLEL STRAND LUMBER (PSL.) MORE THAN 1" DEPTH SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: FC = 2900 PSI, E = 20000000 PSI. NSTALL ALL CONNECTIONS FER MANUFACTURER'S SPECIFICATIONS
- 3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS

A5TM A992 W AND WT SHAPES: CHANNELS AND ANGLES: ASTM A36 PLATES AND BARS HOLLOW STRUCTURAL SECTIONS: ASTM A500 GRADE B ASTM A53, GRADE B, TYPE E OR S STEEL PIPE:

4. STEEL BEAMS SHALL BE SUPPORTED AT EACH END WITH A MINIFUM 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 FOLLOUS (LNO)

A WOOD FRAMING (2) 1/2" DIA x 4" LONG LAG SCREUS B. CONCRETE (2) I/2" DIA x 4" LIEDGE ANCHORS C. MASONRY (PULLY GROUTED) (2) 1/2" DIA x 4" LONG SIMPSON TITEN HD ANCHORS

LATERAL SUPPORT IS CONSIDERED ADEQUATE PROVIDING THE JOISTS ARE TOO 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 SCREUS ● 16" O.C. OR (2) ROUS OF 1/2" DIAMETER BOLTS . IS 'OC. IF IV' BOLTS ARE USED TO FASTEN THE NAILER, THE STEEL BEAM SHALL BE FABRICATED W/ (2) ROUS OF 9/6" DIAPETER

- SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION, SHADED SQUARES DENOTE POINT LOADS ROM 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 (I) 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 (INO). 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 STILLS NOTED ALL PEAMS OR GIRDER TRIASES PERPENDICILIAR TO IIIALL AND SUPPORTED BY (3) STUDS OR LESS ARE TO HAVE I I/2" MINIMUM BEARING (INO). ALL BEAMS OR GIRDER TRUSSES PERFENDICULAR 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 I/I! DIAMETER BOLTS (ASTM A3/91) WITH WASHERS PLACED AT THREADED END OF BOLT. BOLTS SHALL BE SPACED AT 24" CENTERS (MAXIMIM), AND STAGGERED AT TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE), WITH (2) BOLTS LOCATED AT 6" FROM EACH END (UNO).
- 9. ALL I-JOIST OR TRUSS 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.
- BRACED WALL PANELS SHALL BE CONSTRUCTED ACCORDING TO THE NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION WALL BRACING CRITERIA. THE AMOUNT, LENGTH, AND LOCATION OF BRACING SHALL COMPLY WITH ALL APPLICABLE TABLES IN SECTION R600.10.
- 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.
- 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" MINIMM EMBEDMENT AT SIDES FOR BRICK SUPPORT (UND). 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 SCREUS AT 12" O.C. STAGGERED FOR BRICK SUPPORT. FOR ALL BRICK SUPPORT AT ROOF LINES, BOLT A 6" x 4" x 5/16" STEEL ANGLE TO (2) 2 x 10 BLOCKING INSTALLED W/ (4) 12d NAILS EA PLY BETWEEN WALL STUDS WITH (2) ROUS OF 1/2" LAG SCREWS AT 12" O.C. STAGGERED AND IN ACCORDANCE WITH SECTION RT03.82.1 OF THE NCRC, 2018 EDITION.
- 13. FOR STICK FRAMED ROOFS: CIRCLES DENOTE (3) 2 x 4 POSTS FOR ROOF MEMBER SUPPORT. HIP SPLICES ARE TO BE SPACED A MINIMUM CF 8'-0". FASTEN MEMBERS WITH THREE ROWS OF I'D NAILS AT 16" O.C. FRAME DORMER WALLS ON TOP OF DOUBLE OR TRIPLE RAFTERS AS
- 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 100 LB CAPACITY UPLIFT CONNECTORS TOP AND BOTTOM (UNO.) POSTS MAY BE SECURED USING ONE SIMPSON HE OR LIBIZ UPLIFT CONNECTOR FASTENED TO THE BAND AT THE BOTTOM AND THE BEAM AT THE TOP OF EACH POST. ONE IS" SECTION OF SIMPSON CSIG COIL STRAPPING WITH (8) BIG HOG NAILS AT EACH END MAY BE USED IN LIEU OF EACH TWIST STRAP IF DESIRED. FOR MASONRY OR CONCRETE FOUNDATION USE SIMPSON POST BASE.

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10/23/2020