NOTICE TO CONTRACTOR struction must comply with current NC Building Codes and is subject to field inspection and verification

APPROVED

Limited building only review





ENGAGE H&H HOMES

PLAN REVISIONS

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

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

09-12-18 STANDARD 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, ADD PLUMBING DROP UNDER CABINET, 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 OWNERS SUITE AND GATHERING ROOM ONLY, REMOVE COVERED PORCH OPTION, REVISE KITCHEN LIGHTING TO BE 4-BULB

> PLAN SPECIFIC CHANGES INCLUDE BUT NOT LIMITED TO THE FOLLOWING: CENTERED WINDOW AT GATHERING ROOM IN KITCHEN HALLWAY, REMOVE OPT. DOOR AT LAINDRY, REMOVE OPT. WINDOW AT POUDER BATH AND BEDROOM 3, MADE OPT, WINDOW AT LOFT STANDARD AND MADE 2ND FLOOR HALL CLOSET 2-6 DOOR

02-15-19 COMPLETED CLIENT COMMENTS.

02-II-20 UPDATED DIMENSIONS FOR PAD AND PATIO. REVISED ROOM DIMENSIONS FOR THE FOLLOWING ROOM: GATHERING ROOM WAS 15'-0" X 16'-5". NOW IT 15 15'-0" X 12'-3". CHANGED WASHER, DRYER, AND REFRIGERATOR TO OPTIONAL COMPONENTS. CREATED CUTSHEETS. CHANGE LOCATIONS OF HOSE BIBBS TO BE ON HEATED WALLS. YERIFY HOR HGTS ARE AT LEAST 1'-0'. VERIFIED MASTER'S WAS CHANGED TO OWNER'S. CHANGED 2X4 WALL AT REAR GARAGE WALL TO 2X6. REMOVED FLOOD LIGHTS AND SWITCHESAWRING AT REAR ADDED ROOF VENT CALCULATIONS ADDED THERMOSTAT TO FIRST FLOOR ELECTRICAL PLAN. DIMENSIONS CEILING FAN IN GATHERING ROOM ON ELECTRICAL PLAN. UPDATED FOR NC RC 2018 AND 5C IRC 2018. VERIFIED VENTILATION REQIMES AT OWNER'S BEDROOM ADDED INSULATION INFORMATION ON PLANS ELEV-A 19T FLOOR WAS 111 SP, NOW 116 SF ELEV-A 2ND FLOOR WAS 918 SF, NOW 916 SF ELEV-A TOTAL SP WAS 1755 SF, NOW 1752 SF ELEV-C IST FLOOR WAS 111 SP, NOW 116 SF ELEV-C 2ND FLOOR WAS 918 SF, NOW 912 SF

ELEV-A TOTAL SP WAS 1155 SF, NOW 1148 SF

CAFE WAS CHANGED TO CASUAL DINING. REVISED ROOM DIMENSIONS FOR THE FOLLOWING ROOM: FAMILY ROOM WAS 15'-0" X 16'-5", NOW IT 15 14'-10" X 16'-3". 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 TY'S FROM ELECTRICAL PLANS. ADDED CARBON MONOXIDE DETECTOR AT BEDROOMS UPDATED THE SF AS FOLLOWS: ELEY-A 2ND FLOOR WAS 916 SF, NOW 912 SF ELEY-A TOTAL SP WAS 1752 SF, NOW 1748 SF ELEY-C 2ND FLOOR WAS 912 SF, NOW 968 SF ELEY-C TOTAL SP WAS 1748 SF, NOW 1744 SF CREATED ELEVATION FARMHOUSE 'B'. CREATED ELEVATION ARTS AND CRAFTS 'D'. REMOVED HATCH AT SIDES AND REAR ELEVATIONS. CHANGED CORNER BOARDS ON ELEVATIONS TO BE IX4 TRIM BOARD. SHOURD COACH LIGHTS ON ELEVATIONS ADDED DIAGONAL DIMENSIONS ON SLAB INTERFACE PLAN. CREATED LEFT HAND GARAGE VERSION. REMOVED ELEVATION C. REMOVED FIRST STEP AT FIRST FLOOR AND ADDED IT TO SECOND FLOOR UPDATED SQ. FT.

LOG, FIRST FLOOR WAS 912 SF, NOW 968 SF, GARAGE WAS 260 SF, NOW 259 SF.

CHANGED SHITTERS TO BE 14" WIDE.

Ø4-Ø1-2Ø GATHERING WAS CHANGED TO FAMILY.

AREA	ELEV 'A'	
FIRST FLOOR	776 SQ. FT.	
SECOND FLOOR	968 SQ. FT.	
TOTAL (HEATING)	1744 SQ. FT.	
ARAGE (UNHEATED)	259 SQ. FT.	
PORCH	36 SQ. FT.	
PAD	16 SQ. FT.	
OPTIONAL GARAGE	240 SQ. FT.	
OPTIONAL PATIO	80 SQ. FT.	

AREA	ELEV '8
FIRST FLOOR	776 8Q. FT.
SECOND PLOOR	968 SQ. FT.
TOTAL (HEATING)	1744 SQ. FT.
GARAGE (UNHEATED)	260 SQ. FT.
PORCH	36 SQ. FT.
PAD	16 SQ FT.
OPTIONAL GARAGE	240 SQ. FT.
OPTIONAL PATIO	80 SQ. FT.

AREA	ELEV 'D'	
FIRST FLOOR	776 8Q. FT.	
SECOND ROOR	968 SQ. FT.	
TOTAL (HEATING)	1744 SQ, FT,	
GARAGE (UNHEATED)	260 SQ. FT.	
PORCH	61 SQ. FT.	
pΛο	16 SQ. FT.	
OPTIONAL GARAGE	240 SQ. FT.	
OPTIONAL PATIO	80 SQ. FT.	

Homes H&H by Built

| DESCRIMENT | B-1815878 | CAD FILE HAME | 1755-L | ISSUED | 11-08-17 | REVISED | 11-18-19 | CAD FILE HAME | C

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

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Gar MO ENGAGE 工 H&H

1755

REVISION LOG



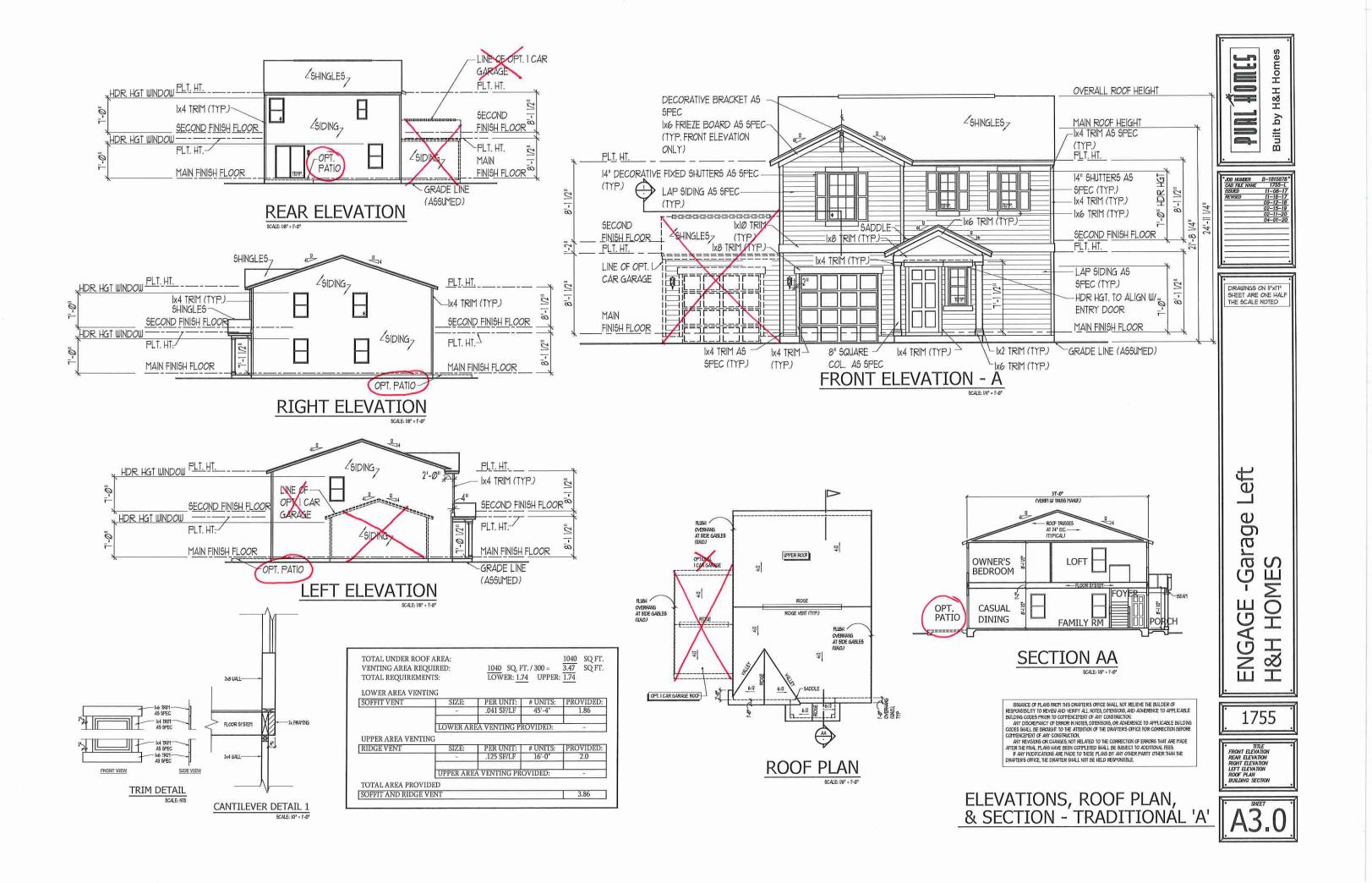
ISSUNCE OF PLANS FROM THIS DRAFTER'S OFFICE SHALL NOT RELEVE THE BILDER OF RESPONSIBILITY TO REVIEW AND VERRY ALL HOTES, DIPENSIONS, AND ADHERBICE TO APPLICABLE BILDING CODES FROM TO COTTENCEPORT OF ANY CONSTRUCTION.

ANY DISCREPANCY OF ERROR IN NOTES, DIPENSIONS, OR ADHERBYCE TO APPLICABLE BILDING CODES SHALL BE BROUSHIT TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORRECTION BEFORE COTTENCEFOR OF ANY CONSTRUCTION.

ANY REVISION OR CHANGES, NOT RELIED TO THE CORRECTION OF ERRORS THAT ARE MADE.

AFTER THE FINAL PLAYS HAVE BEEN COMPLETED SHALL BE SUBJECT TO ADDITIONAL FEES.

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



4'-9' PROVIDE UATER OPT. GC, VERFY WASHER TO ALWAYS BE INSTALLED ON THE LEFT OF THE DRYER AIC PAD (G.C. YERFY SIZE AND LOCATION) (W) P. H. 3'-2" 8'-10" ELEVATION AT 0'-0' (ASSUMED) ELEVATION GC, VERFY 6" CURB AT GARAGE W OPT, 7x6 EXTERIOR WALLS I CAR GARAGE ELEVATION 2'-2 1/2" FRONT PORCH GC VERFY INSTALLATION OF OVERFEAD GAS DROPS AT APPLICABLE APPLIANCE LOCATIONS



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

eft. -Garage H&H HOMES ENGAGE

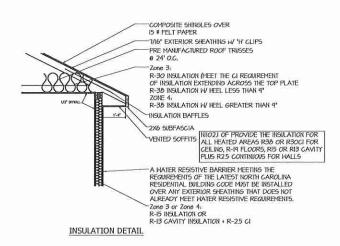
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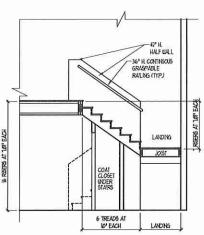
TITLE SLAB INTERFACE PLAN

SLAB INTERFACE PLAN
FI EVATION A SHOULD SCALE: ILL' 1-1-0' ELEVATION A SHOUN SMLAR AT ALL ELEVATIONS (NO PLUTENG CHANCES)

ISSUACE OF PLAYS FROM THIS DRAFTERS OFFICE SHALL NOT RELEVE THE BUILDER OF RESPONSIBILITY TO REVEU AD VEREY ALL MOTES, DYENSIONS, AD ACHERENZE TO APPLICABLE BUILDING COOPES PRIOR TO COTTENZE THE OFFICE AND RESPONSION OF ACHERINE TO APPLICABLE BUILDING COOPES SHALL BE PROVIDED TO THE ATTENTION OF THE DRAFTERS OFFICE FOR CORRECTION BEFORE COTTENZETOR OF ANY COSTSTICTION.

ANY ENSIONS OR CHANGES, NOT RELIGION TO THE CORRECTION OF ERRORS THAT ARE THADE AFTER THE RIAM, PLAYS HAVE PERH CONFLICTED SHALL BE SUBJECT TO ACONTINUE THAT THE THE THAT THAT THE PLAY THAT THE PROPERTIONS ARE NOTED THESE PLAYS BY ANY THORPER THAT OTHER THAT THE PRAYET OFFICE RIAMS BY ANY THORPER THAT OTHER THAT THE DRAFTERS OFFICE, THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.





STAIR NOTES: RALING

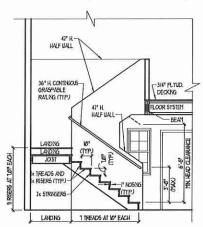
BALISTERS SHALL BE SPACED SO THAT A 4" SPIERE CANNOT PASS THROUGH

THE TRANSULAR OPENINGS FOR ED BY THE RISER, TREAD AND BOTTOM RAIL OF A GUARD AT THE OPENISDE OF A STARBLAY ARE FERRITITED TO BE A SUCH A SUE THAT A SPIERE OF 6 INCHES CANNOT PASS THROUGH

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

HAYDRALS HAYDRALS FOR STAIRLIAYS SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE REAL TO A POINT DIRECTLY ABOVE THE LOLEST RESE, HADDRAL DIDS SHALL BE RETURNED OR SHALL TERMINATE IN NEUEL POSTS OR SHETTY TERMINASE, MADRIALS POLICIEST TO A URLL SHALL HAVE A SPACE OF NOT LESS THAN 1-10. NOH DETUEN THE WILL AND HANDRALS.

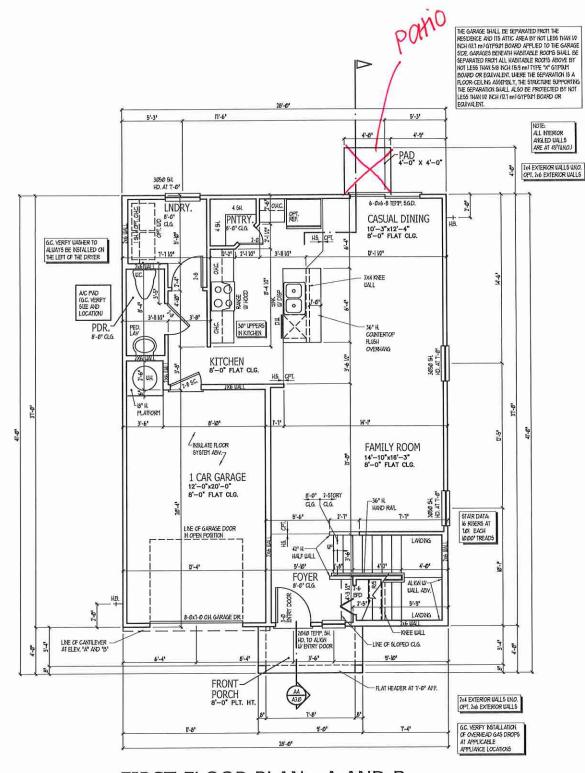
CONTINUOUS GRASPABLE HANDRAIL HUST HEET TYPE ONE OR TYPE TWO CRITERIA



STAIR SECTION

SQUARE F	OOTAGE
AREA	ELEV 'A'
FIRST FLOOR	776 SQ. FT.
SECOND FLOOR	968 SQ. FT.
TOTAL (HEATING)	1744 SQ. FT.
ARAGE (UNHEATED)	259 SQ. FT.
PORCH	36 SQ. FT,
PAD	16 SQ. FT.
OPTIONAL GARAGE	240 SQ. FT.
ORTIONAL PATIO	80 SQ. FT.

SQUARE F	OOTAGE /	
AREA	ELEV B'	
FIRST FLOOR	776 SQ. FT.	
SECOND FLOOR	968 SQ. FT.	
TOTAL (HEATING)	1744 SQ. FT.	
GARAGE (UNHEATED)	260 SQ. FT.	
PORCH	36 SQ. FT.	
PAD	is sq. ft.	
OPTIONAL GARAGE	240 SQ FT.	
OPTIONAL PATIO	80 SQ. FT.	



FIRST FLOOR PLAN - A AND B

1755

H&H Homes

Built by

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

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-Garage

ENGAGE

HOME

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MAIN FLOOR PLAN STAIR SECTION INSULATION DETAIL

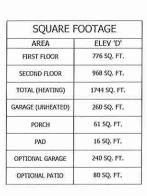
FIRST FLOOR PLAN

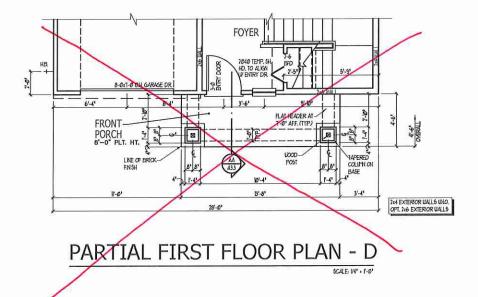
ISSUAVE OF PLA'S FROM THIS DRAFTERS OFFICE SHALL NOT RELEVE THE BUILDER OF RESPONSIBILITY TO REVISUAND VERFIT ALL NOTES, DYENSIONS, AND JOHERBUCE TO APPLICABLE BUILDING CODES FROM TO COTTENDED TO FAIT OLSSTRATION.

ANT DISCREPANCY OF ENROW, INDIES, DIPENSIONS, OR ADDRESSIVE TO APPLICABLE BUILDING CODES SHALL BE BROUGHT TO THE ATTENTION OF THE DRAFTERS OFFICE FOR CORRECTION BEFORE COTTENDED OF ANY COSSINGUITO.

ANY REVISIONS OR CHAVES, NOT RELATED TO THE CORRECTION OF ERRORS THAT ARE MICORATION THE FINAL PLAY BANKE DEBY COTTENED SHALL BE SUBJECT TO ADDITIONAL PLESS.

IF ANY TROOPICATIONS ARE MICOTED TO THESE IT AND SEY ANY OTHER PARTY OTHER THAN THE DRAFTERS OFFICE, THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.





REFER TO STANDARD FLAN FOR INFORMATION NOT SHOUN

THE GARACE SHALL BE SEPARATED FROM THE RESOURCE AND TIS ATTIC AREA BY KNY LESS THAN IN NOR (IC) THE OFFICIAL REPORT AND THE GARACE SIVE GARACES EPERATH HEARING ROOMS SHALL BE SEPARATED FROM ALL HEBITABLE ROOMS ABOVE BY KNY LESS THAN 50 NOR 160 and 11 THE "OF FRAM BOARD OR ROUMAD IN. LESS THAN 50 NOR 160 and 11 THE "OF FRAM THAN 15 A FLOOR, CEILING ASSENCE", THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN IN NOR (ICI) and GYPSUM BOARD OR EDIVIZED.

Built by H&H Homes 6-016-8 TETP, 5GD. DRAWINGS ON II"xI" SHEET ARE ONE HALF THE SCALE NOTED OPT. PATIO RELOCATED -LV TH'S OPT. Left 2x4 EXTERIOR WALLS WILD. OPT. 2x6 EXTERIOR WALLS -Garage 1 CAR GARAGE 11'-8"x10'-4" 8'-0" FLAT CLG. H&H HOMES Line of Garage Door In Opto Position __ ENGAGE 1755 TITLE MAIN FLOOR PLAN OPT. OPT. 1 CAR GARAGE FIRST FLOOR PLAN OPTIONS

ISSUANCE OF PLANS FROM THIS DRAFTER'S OFFICE SHALL NOT RELIEVE THE BUILDER OF RESPONSIBILITY TO REVIEW AND VERRY ALL NOTES, DYENNOUSS, AND ADMERSIVE TO APPLICABLE BUILD'NE CODES FROM TO CONTRACTION.

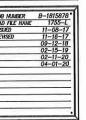
ANY DISCREPANCY OF ERRORS IN NOTES, DYENNOUS, OR ADMERSIVE TO APPLICABLE BUILDING CODES SHALL BE REPOSATE TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORRECTION EFFORE CONTEXCENT OF ANY CONSTRUCTION.

ANY DESCRIPTION OF CHARGE AUTHOR THE SELECTION TO THE PROPERTY OF THE TOP TO T

COTTENED AT CONTINUE AT CONTINUE AND ATTEMPT OF THE CORRECTION OF ERRORS THAT ARE HADE ATTEMPT FINAL IT, ANS HAVE BEEN COTTENED SHALL BE SUBJECT TO ADDITIONAL RES. F ANY TOO PRACTIONS ARE NOTE TO THESE THAN BY ANY TOO PROFIT HOW AT THE PRACTICE OFFICE AND ADDITIONAL PROFIT OF THE PRACTICE OFFICE OFFICE OFFICE AND ADDITIONAL PROFIT OF THE PRACTICE OFFICE OFFICE

2'-6" 3050 SH HD, AT 1'-0' # EGRESS 1040 SH HD, AT 1'-0' OWNER'S BEDROOM LINEN 12'-0"x16'-8" 8'-0" FLAT CLG. BEDROOM 2 11'-0"x10'-0" 8'-0" FLAT CLG. LOFT 12'-0"x11'-7" 8'-0" FLAT CLG. BATH 2 8-0'CL 30'x 30'H VARITY LAV 42' H. HALF WALL LANDING 4'-0' BEDROOM 3 11'-4"×10'-0" 8'-0" FLAT CLG. ALIGN W-1040 TETP. 54 3050 5H. HD, AT 1'-0' ★ EG/€55 GC, VERFY INSTALLATION OF OVER-EAD GAS DROPS AT AFFLICABLE APPLIANCE LOCATIONS (39) AA A39





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

Left -Garage H&H HOMES ENGAGE

1755

* TITLE UPPER FLOOR PLAN DETAIL

SECOND FLOOR PLAN SCALE WY - 1-6'

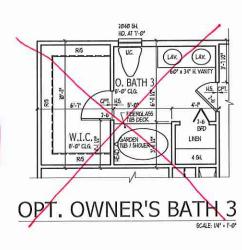
ISSUNCE OF PLANS FROM THIS DRAFTER'S OFFICE SAULL NOT RELEVE THE BULDER OF RESPONSIBILITY TO REMINUAD VERBY ALL NOTES, DYDISIONS, AND ADVERBICE TO APPLICABLE BULDING CODES FROM TO COMPRICED HIS OF ANY CONSTRUCTION.

ANY DISCORPANCY OF ERROR NOTES, DYDISSIONS, OR ADVERBICE TO APPLICABLE BULDING CODES SAUL BE BROUGHT TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORRECTION BEFORE CONTRIBUTION OF ANY CONSTRUCTION.

ANY REVISIONS OF CHANGES AND TRAINED TO THE CORRECTION OF ERRORS THAT ARE MADE AFTER THE FAUL PLANS HAVE BEEN CONTRIBUTED SHALL BE SUBJECT TO ADDITIONAL FIES.

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

7040 SH. HD. AT 1'-0" LAV. LAV. OPT. OWNER'S BATH 2



SECOND FLOOR PLAN OPTIONS

Built by H&H Homes



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

Left -Garage H&H HOMES ENGAGE

1755



ISSUANCE OF FLAS FROM THIS DRAFTER'S OFFICE SHALL NOT RELEVE THE BULDER OF RESPONSIBILITY TO REVEN AND VERRY ALL NOTES, DYENSIONS, AND ADMERBACE TO APPLICABLE BULDING CODES FROM TO COTENCE FOR MOTES, DIFFERSION, OR ADMERBACE TO APPLICABLE BULDING CODES SHALL BE PROMISH TO THE ATTENTION OF THE DRAFTER'S OFFICE FOR CORNECTION BEFORE COTENCE FOR OWN OF ANY COSTINUTION.

ANY TEMPORAL OF ANY COSTINUTION.

ANY TEMPORAL OF ANY COSTINUTION.

AFTER THE FINAL FLASS HAVE BEEN COPPLETED SHALL BE SUBJECT TO ADDITIONAL FIES.

FAIT MODIFICATIONS ARE MODE TO THESE FLASS BY ANY OTHER PARTY OTHER THAN THE DRAFTER'S OFFICE, THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.

P DIPLEX COMPIBICE CUTLET

DUPLEX CUILET ABOVE CONTER

HEATHERPROOF DUPLEX CUTLET

GROUND FALLT INTERRUPTER DUPLEX CUTLET

HALF-GETTORED DUPLEX CUTLET

HO BEECUL PURPOSE CUTLET

DIFLEX CUILET NILOGR

200 VOLT OUTLET

MALL BUTTCH THREE-BLAY SUTTCH

FOUR-BAY SETTON

DIMER SHITCH
CELING HYDRIGHT

CELLING HOLNTED INCANDEDCENT LIGHT FIXTURE

WALL HOUNTED INCANDERCENT LIGHT FOTURE

RECEMBED INCANDESCENT LIGHT FIXTURE LIGHT FIXTURE WITH FILL CHAIN

TRACK LIGHT TRACK LIGHT

HUGRESCENT LIGHT HXTURE

Ó EMANT FAN

EXHAUST FANALISHT COMBINATION

ELECTRIC DOOR OPERATOR (OPTIONAL)

OF CHIEN (OPTIONAL)

PUBLISHTON SISTON (OPTIONAL)

CARBON HONOXIDE DETECTOR

⊕⊕ BHOKE / CARBON HONO, CONBO DETECTOR

H TELEPHONE (OPTIONAL)

TELEVISION (OPTIONAL)

THERMOSTAT

ELECTRIC METER

- BECTRIC PAREL

___ DISCONECT SUTCH EPEAKER (OPTIONAL)

(1) ROUGH-IN FOR OPT. CELLING FAIN

CELING HOUNTED INCANDERCENT LIGHT FIXTURE IV

I. PROVIDE AND INSTALL GROUND FALLT CROUT-NTERRUPTERS (GFL) AS INDICATED ON FLANS OR AS ITEM NO. 4 AND 5 BELOW INDICATES.

2 UNLESS OTHERWISE NOKATED, NISTALL SWITCHES AND RECEPTACLES AT THE ROLLOWN'S HEISTIS ABOVE THRIPED FLOOR BUTCHES.....4" CUILETS......H"

TELEPHONE . M' (INLESS ABY COUNTERTOP)
TELEPHONE . M'

3. ALL MYCKE DETECTORS WILL BE HARDWINED NTO AN ELECTRICAL POWER BOLINCE AND WILL BE BOUTFED LITTLA MONTORED BATTERY BACKLE. PROVIDE AND NOTALL LOCALLY CERTIFIED <u>MYCKE DETECTORS</u>.

4. ALL BA AND MA RECEPTACLES IN CLEEPING FROMS, FAVILY ROOMS, DANING ROOMS, LIMMS ROOMS, PARLORS, LERAVESS, DESS, BUNCOMS, RECREATION ROOMS, CLOSERS, HALLIMYS, AND ORTHUR AREAS ILLE REQUIRE A COMPANION TITLE AFCI. DEVICE AND THY THE PROOF RECEPTACLES FER NEC. 2014/661 AND 40613

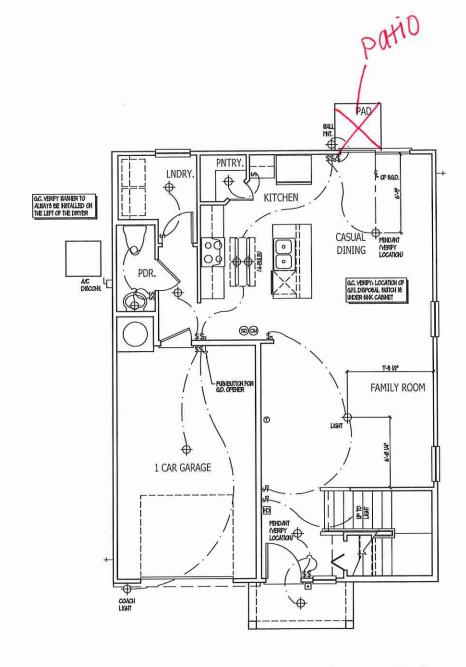
B. ALL BA AND 28A BOY RECEPTACIES LOCATED IN THE GARAGE AND UTILITY ROCH'S SHALL BE GECL PROTECTED (GF1)

6. IT IN THE REPRONDULTY OF THE LICENSED ELECTRICIAN TO ENSURE THAT ALL ELECTRICAL BOOK IN NILL CONFLUNCE WITH MFPA TO, NEC. 2011, AND ALL APPLICABLE LOCAL STANDARDO, CODES, AND ORDINANCES.

1. EVERY BULDING HAVING A FOOML-REL-BURNING HEATER OR AFFLLANCE, RREPLACE, OR AN ATTACKED GARACE GULL HAVE AN OPERATIONAL CARBON HONORODE DETECTOR INSTALLED BITINN OF HEIT OF EACH ROOM USED FOR BLEEPING

A. JUAN'S WALL PECENE THEIR PRIMARY FOURT FIRST THE EULDING WEN'S LIEN DUCK WEN'S IS BERNED FIRST THE LOCAL POLIER WILLTY, DUCK JUANN'S SHALL HAVE BATTERY ENCINE, COMBINION STOKECURED HENCODE ALARYS SHALL BE LISTED OR LIEBLED BY A MAINDALLY RECOGNIZED TESTING LIACONSTORY.

MAJACE OF FLANS FROM THIS DRAFFERS OFFICE SHALL NOT RELEVE THE BUILDER OF REPORTABLITY TO REVEIL AND VERSY ALL NOTES, DYENKINES, AND ACHERSINE TO AFFLICABLE BUILDING CODES FROM TO CONTRECTE NOTES, DYENKINES, DYENGING, OR ACHERSINE TO AFFLICABLE BUILDING CODES AND IN CORPORATION OF THE NOTES, DYENGINGS, OR ACHERSINE TO AFFLICABLE BUILDING CODES AND IN CORPORATION TO THE ATTENTION OF THE DRAFFERS OFFICE FOR CORRECTION EFFORE CONTRECTED ANY REVISIONS OR CHARLES NOT RELATED TO THE DRAFFERS OFFICE TO ADDITIONAL THEM. AFTER THALL FLANS HAVE THE DRAFFERS OFFICE TO ADDITIONAL THEM. FAIR HOUSE CONTRETED SHALL BY SUBJECT TO ADDITIONAL THEM. FAIR THOSPICATIONS ARE NOTED TO THESE THAN BY ANY OTHER PARTY OTHER THAN THE DRAFFERS OFFICE TO ADDITIONAL THEM.



FIRST FLOOR ELEC. PLAN - A AND B

H&H Homes Built by



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

eft O -Garage HOM ENGAGE N T S Ĭ

1755

FIRST FLOOR ELECTRICAL PLAN

DUPLEX COMBIBICE OUTLET

HE DIFLEX CUILET ABOVE COUNTER

ICA LEATHERPROOF DUPLEX CUTLET

HALF-SUTICED DUPLEX CUTLET

HO SPECIAL PURPOSE CUILLET DIFLEX CUTLET NILCOR

220 YOLT OUTLET

ENTT SELLCH

THREE-MAY BUTTON

\$4 FOUR-MAY SUFFICH

\$D PHYER SETTICH

CELLING HOLNTED INCANDESCENT LIGHT FORLIFE

WILL HOUSED INCANDESCERT LIGHT FIXTURE

RECEMBED INCANDERCENT LIGHT FOXIVE - PEC TRAIL HXINE RUH LITT CHAN

TRACK LIGHT

FLUORESCOBIT LIGHT FIXTURE

EXHAUST FAN EXHAUST FAULKSHT COMBINATION

CHIES (CPTICALL)

FUNDAMINAL SURFAL (OPTIONAL)

CARBON HONOXIDE DETECTOR

(9) 6HOKE DETECTOR SHOKE / CARBON HONO, CONBO DETECTOR

H TELEPHONE (OPTIONAL)

THE EMBION (OPTIONAL) THERMOSTAT

ELECTRIC HETER

...... ELECTRIC PAVEL _ DISCONNECT SUITCH

⊗ BPEAKER (OPTIONAL)

THE ROUGH-IN FOR OPT, CELLING FAIN

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

I. PROVIDE AND INSTALL <u>GROUND FAILT CROUT-NTERRUPTERS</u> (GFL) AS INDICATED ON FLANS OR AS ITEM NO. 4 AND 6 BELOWINDICATED.

2. IN 1995 OTHERWISE NOICATED, INSTALL BUTGLES AND RECEPTACLES AT THE FOLLOWIN HEXAMTS ABOVE FINANCE FLOORS
GUITCHES IN'
COULETSIN'

TELEPHONE . H' (INLESS ABY CONTERTOP) 3. ALL BYCKE DETECTORS SHALL BE HARDWIRED INTO AN ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A HONTORED BATTERY BACKUP, FROVIDE AND INSTALL LOCALLY CERTIFED BYCKE DETECTORS.

4. ALL BA AND 20A RECEPTACLES IN CLEEPING FOOTB, FAVILY FOOTB, DANIG ROOTB, LAMB ROOTB, PARLORA, LERVINER, DEPA, BLROOTB, RECREATION ROOTB, CLOSETB, HALLBATH, AND SHLAR AREAS HILL REQUIRE A CHEMNARICH THE AFCL DEVICE AND TAPETER PROOF RECEPTACLES FERVICE. 2011 46610 AND 46610

B. ALL BA AND 26A DBY PECEPTACLES LOCATED IN THE GARAGE AND UTILITY ROCH'S SHALL BE GECL PROTECTED (GELL

6. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICIAN TO BYGIRE THAT ALL ELECTRICAL LYDRIC IS MIRLL CONFLICICE WITH HEP A 10, NEC. 2011, AND ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDNANCES.

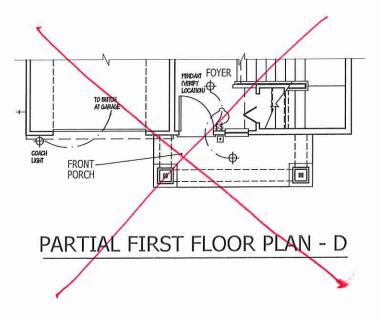
1. EMERT BULDING HAVING A FOOGL-FIEL-DURNING HEATER OR AFFLUNCE, FREFLACE, OR AN ATTACHED GARAGE GHALL HAVE AN OFFERATIONAL CAPECH HOMORDE PETECTOR NOTALLED WITHIN 10 HEFT OF EACH ROOM WED FOR GLEEPING REPORTED.

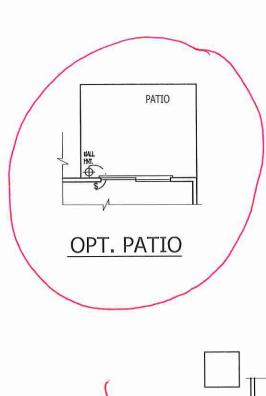
A JUAN'S GIVIL RECENT TIER PROVINT POIER FROM THE BUILDN'S URSN'S UESS SUCH IRRN'S IS BERNED FROM THE LOCAL POIER WILLIN, GUETA JUAN'S SIVIL HAVE BUTTERY ENCORE, ON SINITION STATE CAPENON HONOXOE JUAN'S SIVIL HE LISTED OR LUBELED BY A MINISTALL'IN RECORDED TESTINS LUBERATION.

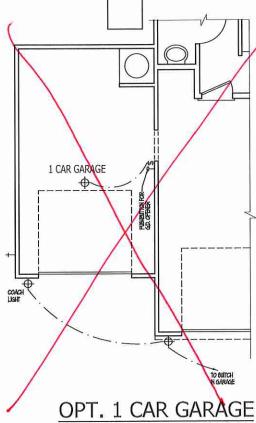
MAJACE OF FLANS FROM THIS DRAFFERS OFFICE SAULL NOT RELEVE THE BUILDER OF RESPONSIBILITY TO REVEU AND VERSEY ALL NOTES, DYENVIOLIS, AND ADALSTRICE TO AFFILABLE BUILDING CODES FROM TO COMPRIGHE OF ANY CONSTRUCTION.

ANY DISCREPANCY OF FROM NIVERED PRESENDENCY, OR ADALSTRICE OF AFFILABLE BUILDING CODES SAULL BE REQUISIT TO THE ATTENTION OF THE DRAFFERS OFFICE FOR CORRECTION BEFORE COMPRIGHED OF ANY CONSTRUCTION.

ANY REVISIONS OR CHANGES, NOT RELATED TO THE CORRECTION OF ERRORS THAT ARE HADE AFTER THE PRAY FLANS LIVE BEEN COMPLETED SAULL BE QUEST TO ADDITIONAL THEM. FAIN THOPPICATIONS ARE HADE TO THESE FLANS OFFICE THE DRAFFERS OFFICE THE D













DRAWINGS ON II'x17" SHEET ARE ONE HALF THE SCALE NOTED

> eft B -Garage HOME ENGAGE H&H

1755 MAIN FLOOR ELEC. PLAN

HE: DUPLEX COMPNENCE CUTLET

HE DIFLEX CATLET ABOVE CONTER

HEATHERFROOF DIFLEX CUTLET

HOLL GROUND FALLT MTERRUPTER DUPLEX CATLET

HO BECAUL PURPOSE CUILLET DUPLEX CUTLET N FLOOR

228 YOLT OUTLET

THREE-MAY BUTTOH

\$4 FOUR-MAY BUTCH

CEILING HOUNTED INCANDESCENT LIGHT FIXTURE

DIMES OUTCH MALL HOLNTED INCANDESCENT LIGHT FIXTURE

RECEMED INCANDESCENT LIGHT FIXTURE - LIGHT FIXTURE WITH PULL CHAIN

HYDREACHL TRHIL HOUNE

Ó EXHAUST FAN

DAVABLE FAMILIANT COMBINATION

ELECTRIC DOOR OFERATOR (OFTICAVAL)

OH CHIMEN (OPTIONAL)

PUSHBUTTON BUTTON (OPTIONAL)

CARBON HONOXOPE DETECTOR

(9) BHOKE DETECTOR ®® BHOKE / CARBON HOND, CONBO DETECTOR

ITELETHORE (OPTIONAL)

THE PARK (OPTIONAL)

TATEO TRANSPORT

ELECTRIC HETER

ELECTRIC PANEL

___ DISCONNECT GUTCH GPEAKER (OPTIONAL)

THE ROUGH-IN FOR OPT, CHILING FAN

CELING HOLNIED INCANDERCENT LIGHT FIXTURE IV

NOTES:

I. PROVICE AND INSTALL <u>GROUND FALLT CROUT-NIERRAPHERS (GFL)</u> AS INDICATED ON PLANS OR AS ITEM NO. 4 AND IS BELOW INDICATED.

2. UNLESS ORIENTING ROCATED, NOTALL STRICES AND RECEPTACLES AT THE ROLLOING HEIGHTS ABOVE PROFIED FLOOR BUTCHS. 40° CHILETS. 41°

TELEPHONE. M' (INLESS ABY COUNTERTOP)
TELEVISION. M'

3. ALL OYCKE DETECTORS SHALL BE HARDWINED INTO AN ELECTRICAL POWER SCARCE AND SHALL BE EXIPTED WITH A HANTONED BATTERY BACKUP, PROVIDE AND INSTALL LOCALLY CERTIFED <u>MYCKE DETECTORS</u>

A. ALL BA. AND 18A RECEPTACIES IN SLEEPING FROMS, FAVILY FOOMS, DINNE ROCKS, LIMAS ROCKS, PARLORS, LERVIERS, DESS, SERCOMS, RECREATION ROCKS, CLOSETS, HALLIMAYS, AND INTURA REAS INLL REQUIRE A COMENNATION TITE AFCL DEVICE NO THYPER-PROCE RECEPTACIES PER NEC. 2014 46611 NO 14665

B. ALL BA AND 26A DDV RECEPTACLES LOCATED IN THE GARAGE AND UTILITY ROCKS SHALL BE GELL PROTECTED (GEL).

6. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICIAN TO ENSURE THAT ALL ELECTRICAL WORK IS NITULL CONFILMICE WITH MEPIA TO, NECL 201, AND ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDINANCES.

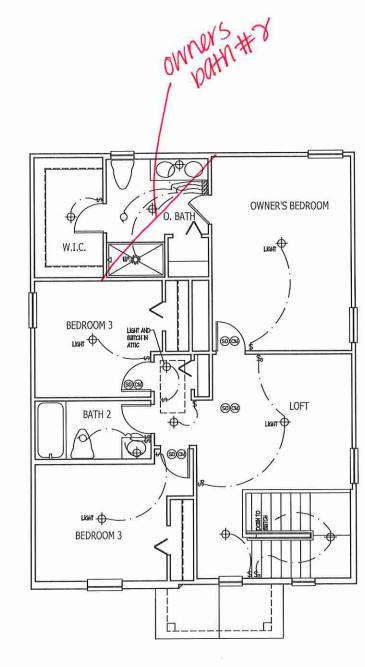
1. EVERY BULDING HAVING A FORML-FILE-BURNING HEATER OR AFFLLANCE, IRREPLACE, OR AN ATTACLED GARAGE BUILL HAVE AN OFERATIONAL CARBON HONDOODE DETECTOR INSTALLED WITHIN UP HEET OF EACH ROOM WED FOR BLEEPING

A JUAPIS GULL RECENT HER PROVINT POWER FROM THE BUILDING WINS LIEN BUCH WINS IS BERNED FROM THE LOCAL POWER WILLTH, BUCH JUAPIS SHULL HAVE BATTERY BUCHES COMBAINTA BUCKECARBON HONOGOE JUAPIS SHULL BE LISTED OR LABELED BY A HATIONALLY RECOGNIZED TESTING LABORATORY.

INJUNICE OF FLANS FIRST THIS DRAFTER'S CITICE SHALL NOT RELEVE THE BUILDER OF RESPONSIBILITY TO REVEAL AND VERSTY ALL NOTES, IN BESIDONS, AND ACKERENCE TO APPLICABLE BUILDING COORS FIRST TO COMPRICE THE NOTES, DEPOSITION, AND PROFESSION OF ROPE NOTES, DEPOSITION OF THE DRAFTER'S CITICE OF APPLICABLE BUILDING COORS AND THE PROVISION TO THE ATTENTION OF THE DRAFTER'S CITICE FOR CORRECTION EFFORE CONTRIBUTION OF ANY CONSTRUCTION.

ANY REPAYMONS OR CHARLES, NOT RELATED TO THE CORRECTION OF EMPIRES THAT ARE MADE AFTER THAT IN THE PARK THAT WITH EACH TO THE THAT THAT THE NAME AND THE TOTAL THE DRAFTER SHALL BE SUBJECT TO ADDITIONAL THEM.

FAIR THOSPICATIONS ARE THESE TO THE EMPLOYED THAT PARTY OTHER THAT THE DRAFTER SHALL NOT BE HELD RESPONSIBLE.





JOB MUNDER B-1815878
CAO FILE HAVIE 1785-1.
ISSUED 11-08-17
REVISED 11-16-17
09-12-18
02-15-19
02-11-20
04-01-20

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

eft O 0 -Garac HOM ENGAGE S T Ĭ

1755

TITLE UPPER FLOOR ELEC. PLAN

SECOND FLOOR ELECTRICAL PLAN A

- DUPLEX COMMINIBICE CUTLET
- HE DUFLEX CUILET ABOVE COUNTER
- HON GROUND HALLT MIERRUPTER DUPLEX CUITLET HATE-OUTGED DAFTEX CALIFE
- HO SPECIAL PURPOSE CUILET
- THE DUPLEX CUITLET NITLOOR
- 220 VOLT OUTLET
- WALL GUTTCH
- THREE-MAY BUTCH
- FOUR-MAY SUTTON
- DM ER SUTTCH CELING HOLNTED INCANDESCENT LIGHT FOTURE
- WALL HOWITED INCANDESCENT LIGHT FORTURE
- RECESSED INCANDESCENT LIGHT FIXTURE
- DESIGNATION TRAIL BY THE CONTROL TRAIL BY THE CONTR

- ENGLISHT COMBINATION
- ELECTRIC DOOR OPERATOR (OPTIONAL)
- CHIMEN (OPTIONAL)
- FUSHBUTTON SUITCH (OPTIONAL)
- SHOKE DETECTOR
- (SIGN) SHOKE / CARBON HOND, COMBO DETECTOR
- H TELEPHONE (OPTIONAL) THEY BON (OPTIONAL)
- THERMOSTAT
- THE ELECTRIC HETER
- ELECTRIC PANEL
- SFEAKER (OPTIONAL)
- THE ROUGH-IN FOR OPT, CELLING FAIN

CELING HOLNTED INCANDERCENT LIGHT FIXTURE IN ROUGH-IN FOR OPT. CELING FAN

2. UNLESS OTHERWISE NOKATED, NOTALL GUITCHES AND RECEPTACLES AT THE FOLLOWING HEAVITS AROUSE PROMED BLOOR OF THE PROMED BLOOR

3. ALL OYARE DETECTORS GHALL BE HARDWIRED NITO AN ELECTRICAL POLER BOURCE AND GHALL BE EQUIPTED WITH A HONTORED BATTERY BACKUP, FROYIDE AND NOTALL LOCALLY CERTIFIED <u>OYARE DETECTORS</u>.

4. ALL BA AD 28A RECEPTACLES IN BLEFFNS ROCKS, FAILY ROCKS, DANS ROCKS, LAYER ROCKS, PAGLORA, LEWARES, DENS, BUROCKS, RECREATION ROCKS, CLOSETS, MULLIWA, RAD HELLAR AREAS ILLI, RECEIVE A COFENNION THE AFFAI DEVICE AND TAFFER FROOF RECEPTACLES FER NEC. 201 466 J. AND 466 II.

B. ALL BA AND 26A DBY RECEPTACLES LOCATED IN THE GARAGE AND UTILITY ROCHS SHALL BE GFCL PROTECTED (GFL).

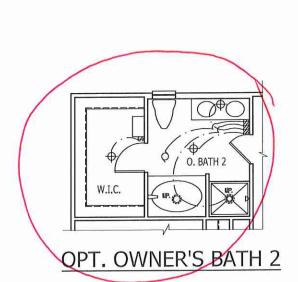
6. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICAN TO ENGINE THAT ALL ELECTRICAL BOOK IS IN TALL COPPLIANCE WITH MFPA 15, NEC. 2011, AND ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDINANCES.

LEVERT BULDN'S HAVY'S A FOOOL-RUEL-BURN'S HEATER OR AFFLANCE, RREFLACE, OR AN ATTACHED GARAGE SHALL HAVE AN OFERATIONAL CARBON HANDADE DETECTOR NOTALLED WITHIN 10 HEFT OF EACH ROOM WED FOR ALEEPING FIREFOREA.

A. JLAM'S GWLL RECEME THEIR FROMMY POWER FRICH THE BUILDING WRING WHEN BUCH WINNS IS BERNED FROM THE LOCAL POWER WILLIT, BUCH JLAM'S BUYLL HAVE BUTHETY BUCHE OF CHERNATION BUKECHARREN KINGODE MLAMES BUYLL BE LISTED OR LAMELED BY A MITICAVILLY RECORNIZED THEITING LAPORATORY.

MAJACE OF FLANS FROM THIS DRAFFERS OFFICE SHALL NOT RELEASE THE BILL DER OF REPROMBELINT TO REVISE AND VEREY ALL NOTES, DYENSIONS, AND ACKERENCE TO APPLICABLE BILLDING CODES FROM TO CONTRECTURE IN THE ANY DISCREPANCY OF FROM NOTES, DEPENDING, OR ADVERSAGE OF APPLICABLE BILLDING CODES SHALL BE REQUEST TO THE ATTENDION OF THE DRAFFERS' OFFICE FOR CORRECTION DEFORE CONTRECTION OF ANY CONSTRUCTION.

ANY REVISIONS OR CHAVES, NOT RELATED TO THE CORRECTION OF ERRORS THAT ARE INDEED FROM THE FRANCE THAN HAVE BEST CONFIDENCE AND THE WORLD AND THE STANKE THAN THE DRAFFERS OFFICE TO THE THAN THAN THE PROPERTY OFFICE THAN THE PROPERTY OFFICE THAN THE DRAFFERS SHALL NOT BE HELD REPORTABLE.





H&H Homes by Built



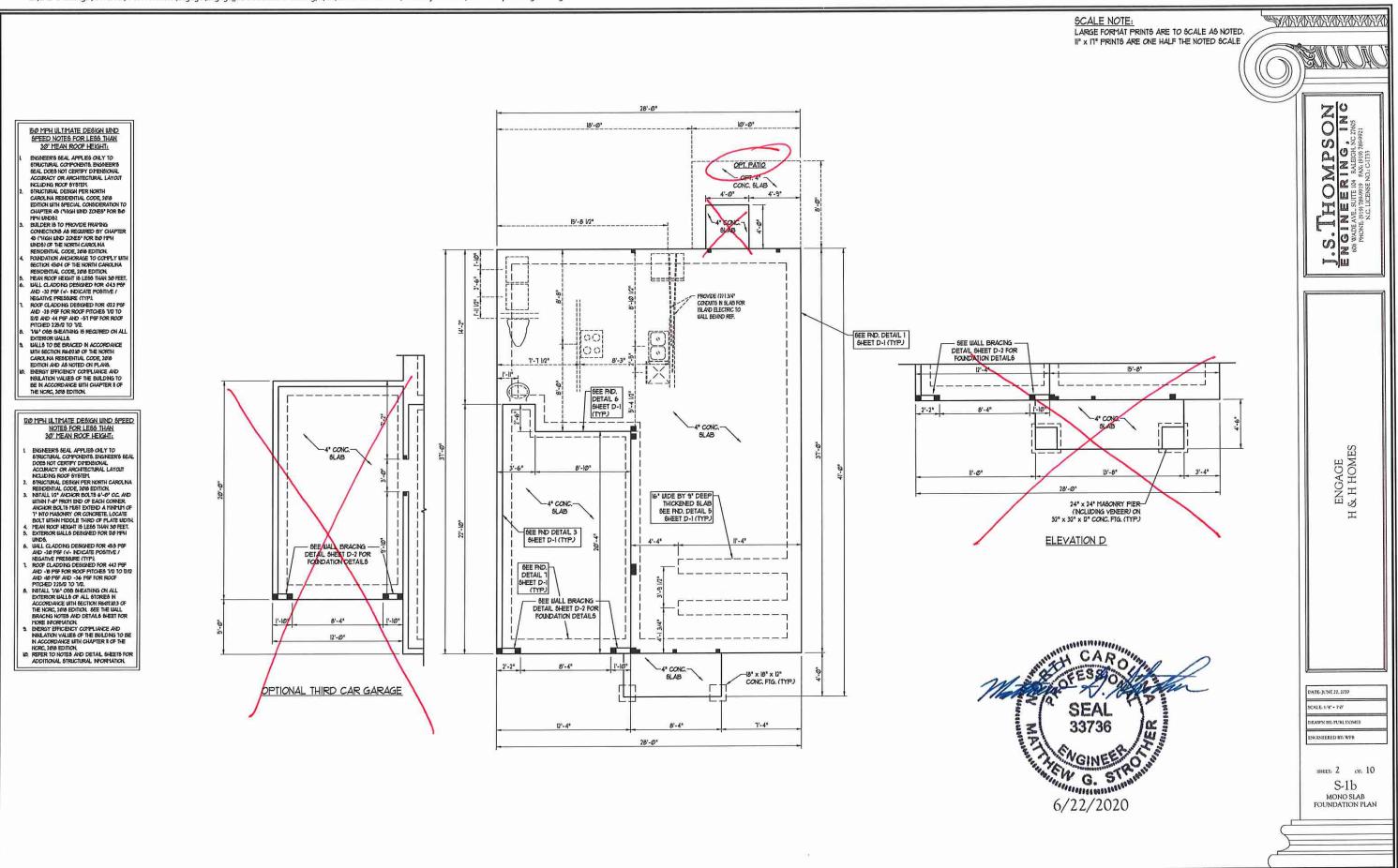
DRAWINGS ON II"x17" SHEET ARE ONE HALF THE SCALE NOTED

> eft O -Garage HOME ENGAGE H&H

1755

• TITLE
UPPER FLOOR ELEC, PLAN
OPT.

SECOND FLOOR ELECTRICAL PLAN OPTIONS



BRACED WALL DESIGN NOTES:

BRACED WALL DESIGN PER SECTION R602.10 OF THE

NCRC 2018 EDITION.
C5-W5P REFERS TO "CONTINUOUS SHEATHING - WOOD STRUCTURAL PANELS" CONTRACTOR IS TO INSTALL 1/16" OSB ON ALL EXTERIOR WALLS ATTACHED W/ 8d NAILS SPACED 61

OC. ALONG PANEL EDGES AND 12" OC. IN THE FIELD.

GB REFERS TO "GYPSUM BOARD" CONTRACTOR IS TO INSTALL I/I" (MIN.) GYPSUM WALL BOARD WHERE NOTED ON THE PLANS FASTEN GB WITH I I/4" SCREWS OR I 5/8" NAILS SPACED 1" O.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 NORC 2018 EDITION. SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED

BRACED WALL DESIGN

SIDE 2A

SIDE 4A

RECTANGLE A

TOTAL REQUIRED LENGTH: 1411

TOTAL PROVIDED LENGTH: 191

TOTAL REQUIRED LENGTH: 113' TOTAL PROVIDED LENGTH: 31'

TOTAL PROVIDED LENGTH: 16.5"

SIDE IA METHOD: CS-WSP/FF

METHOD: CS-USP TOTAL REQUIRED LENGTH: 14.7

SIDE 3A METHOD: CS-WSP

RECTANGLE B SIDE IB METHOD: CS-WSP/FF TOTAL REQUIRED LENGTH: 38

TOTAL PROVIDED LENGTH: 38'
TOTAL PROVIDED LENGTH: 6.0'
SIDE 2B
METHOD: CS-WSP
TOTAL REQUIRED LENGTH: 3.8' TOTAL PROVIDED LENGTH: 12.00 SIDE 3B 4 4A COMBINED TOTAL REQUIRED LENGTH: 836' TOTAL PROVIDED LENGTH: 305'

SIDE 4B METHOD: C5-W5P

TOTAL REQUIRED LENGTH: 266'

TOTAL PROVIDED LENGTH: 16-33'

TOTAL PROVIDED LENGTH: 13-313'

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.)

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

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 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. 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 12" BEYOND CONSTRUCTION JOINTS AND SHALL OVERLAP GIRDERS AND DOUBLE SILL PLATES THEIR FULL DEPT ALL 4 x 4 POSTS SHALL BE ANCHORED TO SLABS W/

SIMPSON APILLA POST BASES (OR FOLIAL) 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 (INO.) FOR FIBERGLASS, ALUMINIM, OR COLUMN ENG. BY

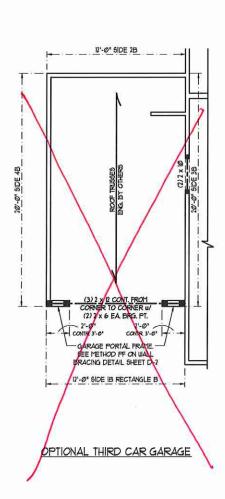
2" CONC. SCREWS, FASTEN ANGLES TO COLUMNS w/ 1/4 THROUGH BOLTS W/ NUTS AND WASHERS. LOCATE ANGLES ON OPPOSITE SIDES OF COLUMN. THROUGH 10. REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION

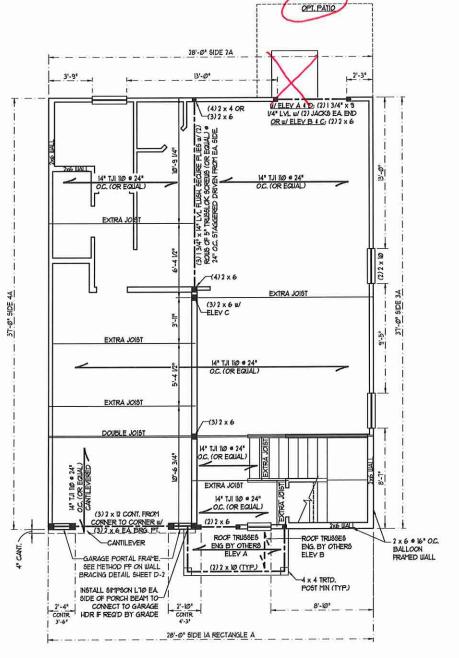
OTHERS, SECURE TO SLAB w/ (2) METAL ANGLES USING

NOTE: ALL FIRST FLOOR EXTERIOR WALLS ARE TO BE 2 x 4 @ 16" O.C. (UNO), 2 x 6 9 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).

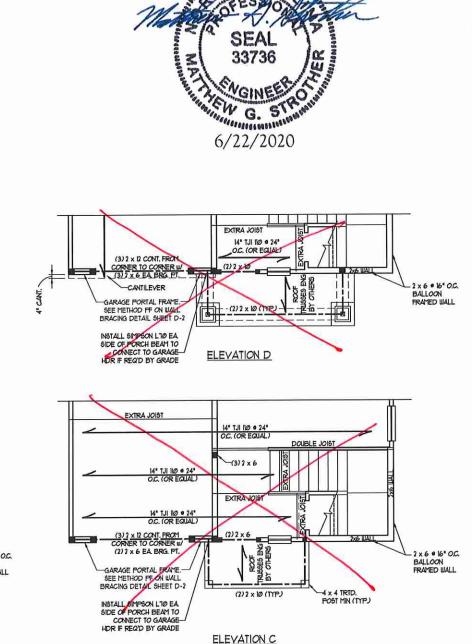
> TABLE R600.15 MINIMUM NUMBER OF FULL HEIGHT STUDS

AT EACH END	F HEADERS IN E	XTERIOR WALLS	
MAXIMM STUD SPACING (NCHES) (PER TABLE R6023(5)		HEADER SPAN	
24	16	(LEE1)	
1	1	UP 10 3'	
1	2	4	
2	3	8'	
3	5	n,	
4	6	16'	





ELEVATIONS A & B



SCALE NOTE:

LARGE FORMAT PRINTS ARE TO SCALE AS NOTED.

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

OZ

(7)

CAND DITE 104 RALEIGH, N

ENGAGE & H HOME

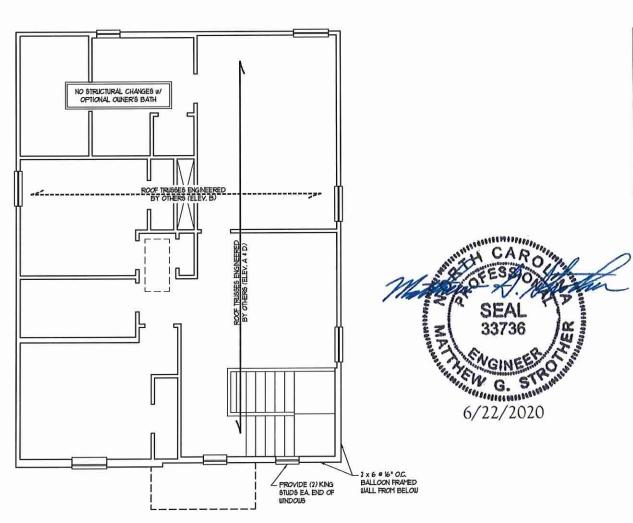
DATE: JUNE 22, 2020

SCALE 1/4" - 1'0"

ENGINEERED BY: WFB

SHEET: 4 OF: 10 S-2

SECOND FLOOR FRAMING PLAN



ELEVATIONS A, B, & D

SCALE NOTE:

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



NOTE: ALL SECOND FLOOR EXTERIOR WALLS AND ATTIC WALLS ARE TO BE 2 x 4 SPF 12 @ 24" O.C. (UNO). 2 x 6 SFF 2 0 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 6FF 2 @ 24" O.C. (UNO).

BRACED WALL DESIGN NOTES:

- BRACED WALL DESIGN PER SECTION R60230 OF THE
- NCRC 70/0 EDITION
 C5-USP REFERS TO "CONTINUOUS SHEATHING WOOD
 STRUCTURAL PANELS" CONTRACTOR IS TO INSTALL TAIS" OSB
 ON ALL EXTERIOR WALLS ATTACHED W/8d NAILS SPACED 6"
- O.C. ALONS PANEL EDGES AND 12" O.C. IN THE FIELD.

 GB REFERS TO "STYPSUM BOARD" CONTRACTOR IS TO INSTALL

 12" MINU GYPSUM WALL BOARD WHERE NOTEO ON THE PLANS.

 FASTEN GB WITH I 1/4" SCREWS OR I 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 NORC 2018 EDITION. SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED

- L FER SECTION R6/01/032 OF THE 20/0 NCRC, THE AMOUNT OF BRACING ON THE SECOND FLOOR EXCEEDS THE AMOUNT REQUIRED FOR THE FIRST FLOOR AND NO BRACED WALL
- ANALY919 19 REQUIRED.
 SHEATH ALL EXTERIOR WALLS WITH 17/6" C5B SHEATHING
 ATTACHED WITH 8d NAILS AT 6" O.C. ALONG PANEL EDGES AND
 12" O.C. IN THE FIELD.

STRUCTURAL NOTES:

- ALL FRAMING LUMBER TO BE 6FF 9 (UNO). ALL TREATED LUMBER TO BE 6YF 9 (UNO).
 ALL LOAD BEARNS HEADERS TO BE (2) 2 x 6 (UNO).
 WINDOW AND DOOR HEADERS TO BE SUPPORTED W/
 (I) JACK 6TIID AND (I) KING 6TIUD EA END (UNO). SEE
- (1) JACK STUD AND 10 KING STUD EAL END (MAC) SEE TABLE REQUISE FOR ADDITIONAL KING STUD REGUIREMENTS. SOLUBELOCKING TO GINCER OR FOUNDATION. ALL SOLUBELOCKING TO GINCER OR FOUNDATION. ALL SOLUBELOCKING TO GINCER OR FOUNDATION. ALL
- SQUARES TO BE (?) STUDS (MX)
 FOR HIGH HIMD ZONES, ALL EXTERIOR WALLS TO BE
 SHEATHED WITH 17/6* OSB SHEATHING WITH JOINTS
 BLOCKED AND SECURED WITH 8d NALIS AT 3* O.C.
 ALONG EDGES AND 6* O.C. N 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.
 REFER TO NOTES AND DETAIL SHEETS FOR
 ADDITIONAL STRUCTURAL INFORMATION.

TABLE R602.15 MINIMUM NUMBER OF FILL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

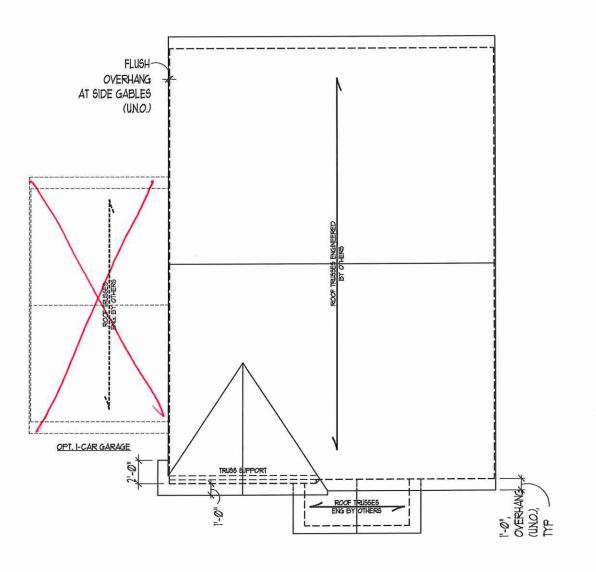
HEADER SPAN (FEET)	MAXIMUM STUD SPACING (INC (PER TABLE R6023(5)		
(PEEL)	16	24	
UP TO 31	1	1	
4'	2	1.	
8'	3	2	
D,	5	3	
16'	6	4	

DATE: JUNE 22, 2020 SCALE: 1/4" - 1'0" RAWN BY: PURLISOMES ENGINEERED BY: WFB

SHEET: 5 OF: 10 S-3a CEILING FRAMING PLAN ELEV. A

S I.S. THOMPS
ENGINEERING.
608 WADE AVE. SUITE OF ALKLICH, NO
PHONE, (919) 789,9919 FAX. GUE TEG.

> ENGAGE Ξ



ELEVATION A

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

STRUCTURAL NOTES:

ALL FRAMING LUMBER TO BE 12

L ALL FRAMING LIMBER TO BE 12
9FF (INO).
CIRCLES DENOTE (3) 2 x 4 POSTS
FOR ROOF SUPPORT.
3. FRAME DORMER WALLS ON TOP
OF DOUBLE OR TRIPLE RAFTERS.
4. HIP SPILCES ARE TO BE SPACED
A MIN, OF 8'-8''. FASTEN
MEMBERS WITH THREE ROUS OF
12d NAILS ** 16' O.C. (TYP)
5. STICK FRAME OVER-FRAMED
ROOF SECTIONS W 2' x 8 RIDGES,
2 x 6 RAFTERS ** 16' O.C. AND
FLAT 2 x 10' VALLEYS OR USE
VALLEY TRUSSES.
6. FASTEN FLAT VALLEYS OR
RAFTERS OR TRUSSES WITH
SIMPSON H25A HURRICANE TIES **
32' O.C. MAX. PASS HURRICANE
TIES THROUGH NOTO THE LAT
VALLEY WITH A MIN, OF (6) 17d
TOE NAILS.
TESTER TO SECTION REPOIL OF THE
20'S NORC FOR REQUIRED UPLIFT
RESISTANCE AT RAFTERS AND
TRUSSES AND
TRUSSES
5. REFER TO SECTION RAPOIL OF THE
20'S NORC FOR REQUIRED UPLIFT
RESISTANCE AT RAFTERS AND
TRUSSESS.
5. REFER TO NOTES AND DETAIL
SHEETS FOR ADDITIONAL
STRUCTURAL INFORMATION.



I.S. THOMPSON
ENGINEERING, INC
60 WADE ATE, SUTE 10. RALEGH, NO. 77605
PHONE, (919) 786-9921

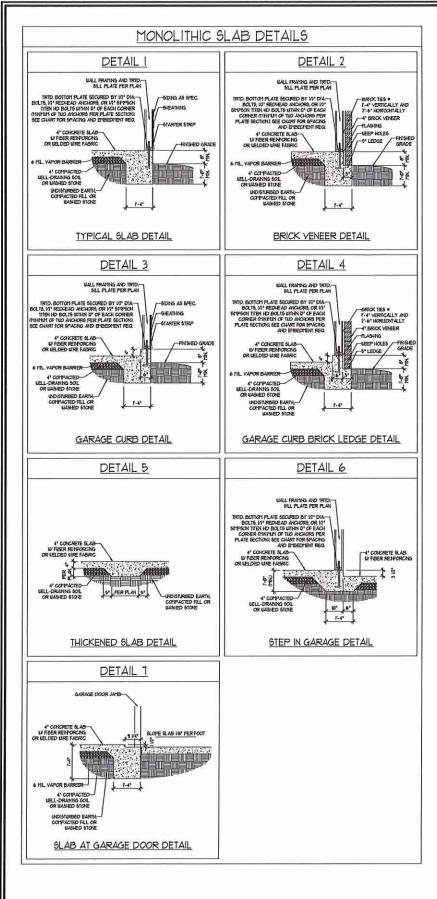
ENGAGE H & H HOMES

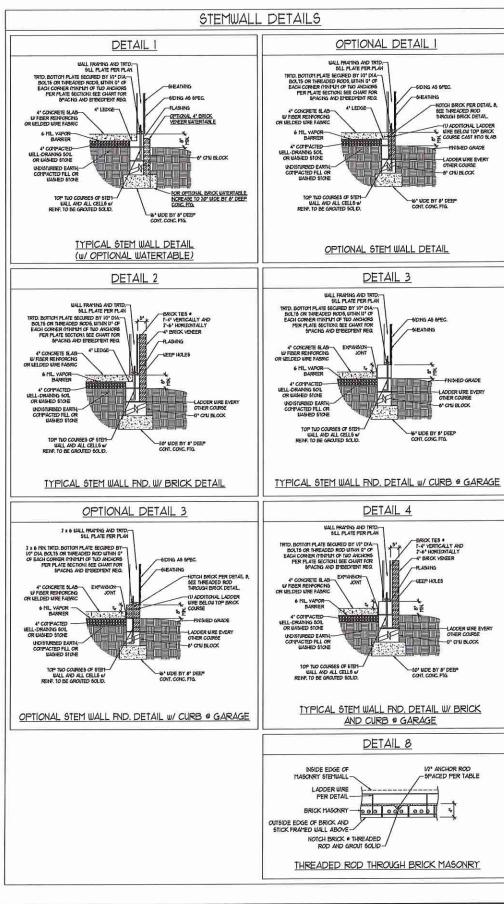
6/22/2020

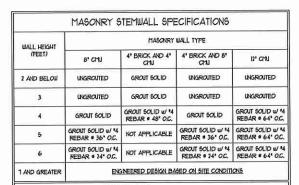
DATE: JUNE 22, 2020 SCALE: 1/4" - 1'0"

DRAWN BY: PURL HOMES ENGINEERED BY: WFB

SHEET: 7 OF. 10 S4a ROOF FRAMING PLAN







STRUCTURAL NOTES:

WALL HEAST PEASURED FRONT TOP OF PROTING TO TOP OF THE WALL.

THE MULTIPLE WITHES TOGETHER WITH LADDER WIRE AT 16" O.G. VERTICALLY.

THE MULTIPLE WITHES TOGETHER WITH LADDER WIRE AT 16" O.G. VERTICALLY.

CHART APPLICABLE FOR HOUSE FORMOATION ONLY CONSULT ENGINEER FOR DESIGN OF GARAGE FORMOATION FOR CONTINUE TO HOUSE.

BACKPILL OF CLEAN 51 IN 16 WASHED STONE IS ALLOWABLE.

BACKPILL OF URELL DRAINED OR SAND - GRAVEL MIXTURE SOLIS (4.85FICATION SYSTEM IN ACCORDANCE WITH TABLE RADS) OF THE 2006 INTERNATIONAL RESIDENTIAL CODE ARE ALLOWABLE.

FREP SLAD FER REGIONAL AND RESIDENTIAL CODE ARE ALLOWABLE.

FREP SLAD FER REGIONAL AND RESIDENTIAL CODE ARE ALLOWABLE.

LOCATE REBAR IN CENTER OF FONDATION WALL.

LOCATE REBAR IN CENTER OF FONDATION WALL.

BURGER REGUIRED, FILL BLOCK SOLID WITH TITE "S" MORTAR OR 30000 PSI GROUT, USE OF "LOW GREATER.

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



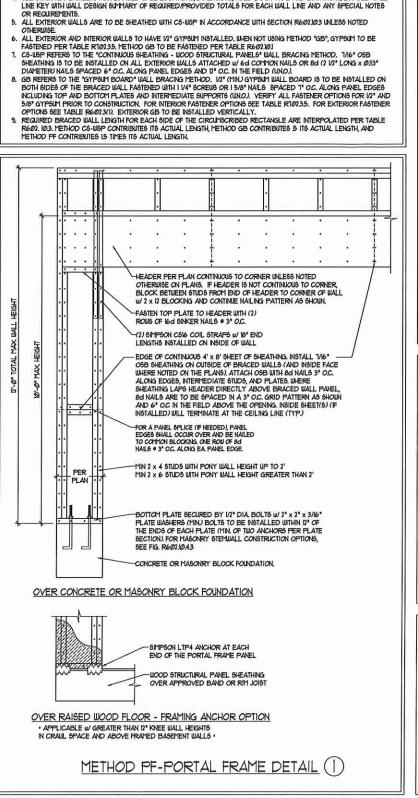


OZ (A) -28 D 0 5 S. THE

> WIND MPH ULTIMATE DESIGN FOUNDATION DETAILS 130 MPH.

DATE: NOVEMBER 14, 2018 DRAWN BY JST GINEERED RY, JES

D-1 FOUNDATION DETAILS



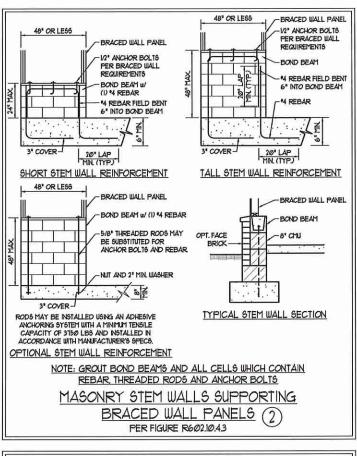
GENERAL WALL BRACING NOTES:

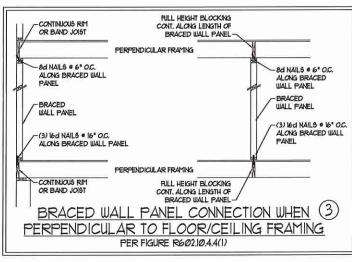
TABLES AND FIGURES REFERENCED ARE FROM THE 2019 NORC.
SEE THIS SHEET FOR GENERAL DETAILS. REFER TO THE 2019 NORC FOR ADDITIONAL INFORMATION AS NEEDED.
BRACED EXTERIOR WALLS SUPPORTING ROOF TRUSSES AND RAFTERS, INCLUDING STORIES BELOW THE TOP FLOOR HAVE

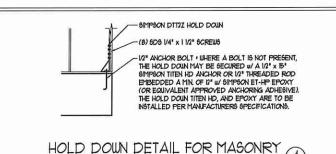
BEEN DESIGNED FER R60735 (3) WALL SHEATHING AND FASTENERS HAVE DEEN DESIGNED TO RESIST COMBINED UPLIFT AND SHEAR FORCES IN ACCORDANCE WITH ACCEPTED ENGINEERED PRACTICE.

SEE STRUCTURAL SHEETS FOR BRACED WALL LOCATIONS, DIMENSIONS, HOLD DOWN TYPE AND LOCATIONS, BRACED WALL

WALL BRACING DESIGNED IN ACCORDANCE WITH CHAPTER 6 OF THE 2018 NO RESIDENTIAL BUILDING CODE (NORC).

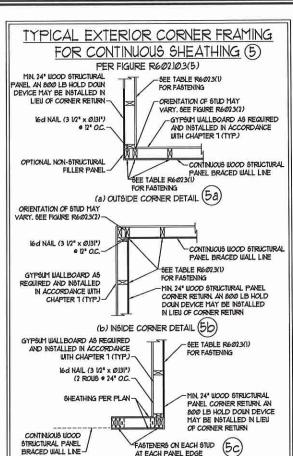






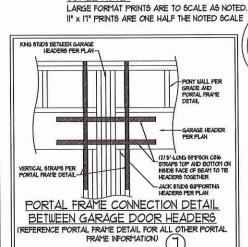
FOUNDATION OR MONOLITHIC SLAB

APPLICABLE ONLY WHERE SPECIFIED ON PLAN .

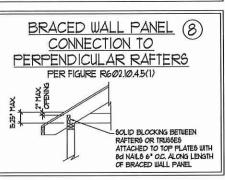


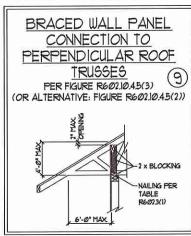
(c) GARAGE DOOR CORNER DETAIL (SEE PLAN FOR ADDITIONAL

STRUCTURAL INFORMATION OR ALTERNATE CONFIGURATIONS)



SCALE NOTE:





DESIGN WIND S S AND DETAILS MPH ULTIMATE I BRACING NOTES 130 ALL MPH.

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ATE OCTOBER 30, 2018 SCALE: 1/4" - 1'0" RAWN BY IST CINEERED BY IST

D-2 BRACED WALL NOTES AND DETAILS AND PF DETAILS

VGINEER EW G. ************ 6/22/2020

BRACED WALL PANEL CONNECTION WHEN 6 PARALLEL TO FLOOR/CEILING FRAMING PER FIG. R602.10.4.4(2) - ADDITIONAL FRAMING MEMBER DIRECTLY ABOVE 16" O.C. ALONG LENGTH OF BRACED WALL PANEL - CONTINUOUS RIM OR BAND JOIST BRACED WALL PANEL TOE NAIL (3) Bd NAILS AT 8d NAILS & 6" OC ALONG -Bd NAILS . 6" O.C. ALONG BRACED WALL PANEL EA BLOCKING MEMBER BRACED WALL PANEL -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 MEMBER DIRECTLY BELOW 16" O.C. ALONG LENGTH OF BRACED WALL PANEL JOISTS OR DBI. BAND JOIST BRACED WALL PANEL

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BRACED WALL LINE-

SCALE NOTE:

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

FRAMING 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.

GENERAL NOTES

- 2. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE (NORC), 2018 EDITION, PLUS ALL LOCAL CODES AND REGILATIONS. 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 CONTRACT DOCUMENTS.
- 3. STRUCTURAL DESIGN BASED ON THE PROVISIONS OF THE NCRC, 2018 EDITION (R30L4 R30L7)

DESIGN CRITERIA:	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION (IN)
ATTIC WITH LIMITED STORAGE	20	Ю	L/240 (L/360 w/ BRITTLE FNISHES)
ATTIC WITHOUT STORAGE	10	10	L/360
DECKS	40	10	L/36Ø
EXTERIOR BALCONIES	40	Ø	L/36Ø
FIRE ESCAPES	40	Ø	L/36Ø
HANDRAILS/GUARDRAILS	200 LB OR 50 (PLF)	10	L/36Ø
PASSENGER VEHICLE GARAGE	50	10	L/36Ø
ROOMS OTHER THAN SLEEPING ROOM	40	Ø	L/36Ø
SLEEPING ROOMS	3Ø	10	L/36Ø
STAIRS	40	10	L/36Ø
WIND LOAD	(BASED ON TABLE R3Ø12(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/4860
- FLOOR TRUSS SYSTEMS DESIGNED WITH IS PSF DEAD LOAD
- 4. FOR IB AND 120 MPH WIND 70NES FOUNDATION ANCHORAGE IS TO COMPLY WITH SECTION R40316 OF THE NORC 2018 EDITION, FOR ISO MPH, I40 MPH, AND 150 MPH WIND ZONES, FOUNDATION ANCHORAGE 15 TO COMPLY WITH SECTION 4504 OF THE NORC, 2018 EDITION.
- 5. ENERGY EFFICIENCY COMPLIANCE AND INSULATION VALUES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER II OF THE NORC, 2018 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 FOREIGN MATERIAL REMOVED. FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL. THE FILL SHALL BE SOIL AND PORTION TRAINFAIL REPOVED. FILL TRAINFAIL SHALL DE FRÈE DY YEQUIATION AND PORTION TRAINFAIL. THE FILL SHALL DE COMPACTED TO ASSURE UNIFORM SUPPORT OF THE SLAB, AND EXCEPT UNIFIER APPROVED THE FILL DEFTHS SHALL NOT EXCEED 24" FOR CLEAN SAND OR GRAVEL A 4" THICK BASED COURSE CONSISTING OF CLEAN GRADED SAND OR GRAVEL BALL BE PLACED. A BASE COURSE IS NOT REQUIRED UNIFIER A CONCRETE SLAB IS NOTALLED ON WELL-DRAINED OR SAND-GRAVEL MIDTURE SOILS CLASSIFIED AS GROUP I, ACCORDING TO THE UNITED SOIL CLASSIFICATION SYSTEM IN ACCORDANCE WITH TABLE R405J OF THE NORC, 2018 EDITION.
- PROPERLY DEMATER EXCAVATION PRIOR TO POURING CONCRETE WIEN BOTTOM OF CONCRETE \$LAB IS AT OR BELOW WATER TABLE. IF
 APPLICABLE, 3/4" I" DEEP CONTROL JOINTS ARE TO BE SAWED WITHIN 4 TO 12 HOURS OF CONCRETE FINISHING AND WALL LOCATIONS HAVE
- 4. CONCRETE SHALL CONFORM TO SECTION R4022 OF THE NORG. 2018 EDITION. CONCRETE REINFORCING STEEL TO BE ASTM A615 GRADE 60. UELDED WIRE FABRIC TO BE ASTM AIRS. MAINTAIN A MINIMAL CONCERTE COVER ARCIND REPORCING STEEL OF 3" IN FACTINGS AND 1 12" N 9LABS, 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/TMS 400. MORTAR SHALL COMFORM TO ASTM C270.
- 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 ELLED SOLID WITH CONCRETE
- 1. THE CENTER OF EACH OF THE PIERS SHALL BEAR IN THE MIDDLE THIRD OF ITS RESPECTIVE
- 8. ALL CONCRETE AND MASONRY FOUNDATION WALLS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF SECTION REPAIR 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 FER TABLE REPOILED, REPAILX2), REPAILX2), OR REPAILX4) OF THE NCRC, 2018 EDITION, CONCRETE FOUNDATION WALLS ARE TO BE REINFORCED PER TABLE R4041/5) OF THE NORC, 2018 EDITION. STEP CONCRETE FOUNDATION WALLS TO 2 x 6 FRAMED WALLS AT 16" O.C. WHERE GRADE PERMITS (INO.).

L ALL FRAMING LUMBER SHALL BE 12 SPF MINIMUM (Fb = 815 P8), Fv = 315 P8), E = 16000000 P9) UNLESS NOTED OTHERUISE (UNO). ALL TREATED LUMBER SHALL BE 2 SYP MINIMUM (Fb = 915 PS), Fv = 115 PS), E = 16000000 PSI) UNLESS NOTED OTHERWISE (UNO).

2. LAMINATED VENEER LUMBER (LVL) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: H5 =26000 PSI, Fv = 285 PSI, E = 1900000 PSI. LAMINATED STRAND LUMBER (LSL) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Po = 2325 PSI, Fv = 310 PSI, E = 15500000 PSI. PARALLEL STRAND LUMBER (PSL) UP TO 1" DEPTH SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fc = 2500 PSI, E =1800000 PSI. PARALLEL STRAND LUMBER (PSL) MORE THAN 1" DEPTH SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: FG = 2900 PSI, E = 20000000 91. INSTALL ALL CONNECTIONS PER MANUFACTURER'S SPECIFICATIONS.

3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS

W AND WT SHAPES: CHANNELS AND ANGLES: ASTM A992 ASTM A36 ASTM ASA PLATES AND BARS HOLLOW STRUCTURAL SECTIONS: ASTM A500 GRADE B ASTM A53, GRADE B. TYPE E OR 5

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 FOLLOUS (INO)

A WOOD FRAMING (2) I/2" DIA x 4" LONG LAG SCREUB (2) 1/2" DIA x 4" WEDGE ANCHORS B. CONCRETE C. MASONRY (RULLY GROUTED) (2) 1/2" DIA x 4" LONG 61MP6ON TITEN HD ANCHORS

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 #/ (2) ROUS OF SELF TAPPING SCREUS . IS OC. OR (2) ROUS OF IZ DIAMETER BOLTS . IS OC. IF 1/2" BOLTS ARE USED TO FASTEN THE NAILER, THE STEEL BEAM SHALL BE FABRICATED W/ (2) ROUS OF 9/16" DIAMETER

- 5. 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 BEARN'S 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 (INO), WHICHEYER 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 MINMUM OR THE NUMBER OF JACKS OR STUDS NOTED. ALL BEAMS OR GIRDER TRUSSES PERPENDICULAR TO WALL AND SUPPORTED BY (3) STUDS OR LESS ARE TO HAVE I I/2" MINIMM 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 A3/21) 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).
- 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.
- 10. 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 R602.10.
- PROVIDE DOUBLE JOIST UNDER ALL WALLS PARALLEL TO FLOOR JOISTS. PROVIDE SUPPORT UNDER ALL WALLS PARALLEL TO FLOOR TRUSSES OR 1-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 5/16" STEEL ANGLE WITH 6" MINIMUM 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 O HEADER WITH 1/2" LAG SCREWS AT 12" O.C. STAGGERED FOR BRICK SUPPORT. FOR ALL BRICK SUPPORT AT ROOF LINES, BOLT A 6" x 4" x 5/61 STEEL AND F TO (2) 2 X ID BY OCKING INSTALLED IN (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 RT03.821 OF THE NORC, 2018 EDITION.
- B. 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 ROUS OF 12d NAILS AT 16" O.C. FRAME DORMER WALLS ON TOP OF DOUBLE OR TRIPLE RAFTERS AS
- 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-PRAMED 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 LITSIZ UPLIFT CONNECTOR FASTENED TO THE BAND AT THE BOTTOM AND THE BEAM AT THE TOP OF EACH POST, ONE 16" SECTION OF SIMPSON CS16 COIL STRAFPING 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 SIMPSON POST BASE.

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