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

APPROVED





09/16/2020

WAYFARE H&H HOMES

PLAN REVISIONS

REVISIONS CONTINUED.

12-23-19 REMOVED GLASS INSERTS AND REMOVED ACCENTS FROM GARAGE DOOR FOR HIH STANDARDS. CHANGE FIREPLACE FROM STD TO OPTIONAL.
VERIFIY GOURMENT KITCHEN LAYOUT WITH DBL OVEN OPTION. REMOVE KITCHEN, BATHROOM, AND LAUNDRY FLOOR HATCHING FROM PLANS.

02-18-20 UPDATED DIMENSIONS FOR PAD AND PATIO. CHANGED WASHER, DRYER, AND REPRIGERATOR TO OPTIONAL COMPONENTS, CREATED CUTSHEETS. CHANGE LOCATIONS OF HOSE BIBBS TO BE ON HEATED WALLS. VERIFY 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 SWITCHESWIRING AT REAR VERIFIED ALL LOCATION FOR COACH LIGHTS WERE MARKED W SWITCHES. 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 REQIMTS AT OWNER'S BEDROOM ADDED INSULATION INFORMATION ON PLANS

	ELEV 'A'
HEATED AREAS	ASSESSED NO.
MAIN FLOOR	959 SQ. FT.
UPPER FLOOR	1318 SQ. FT
TOTAL HEATED SF	2277 SQ. FT
UNHEATED AREAS	
2-CAR GARAGE	413 SQ. FT
COVERED AREAS	
FRONT PORCH	60 SQ. FT.
UNCOVERED AREAS	
PAD	16 SQ. FT.
PAD W/ OPT BEDR. 4 W/ BATH 3	9 SQ. FT.
HEATED OPTIONS	
OPT BEDRM, 4 W/ BATH 3	0 SQ. FT.
OPTIONAL BEDRM, 5 I.L.O. LOFT	0 SQ. FT.
UNHEATED OPTIONS	
OPTIONAL 1-CAR GARAGE	240 SQ. FT.

	HEATED AREAS	959 SQ, FT, 1314 SQ, FT.	
1	MAIN FLOOR		
1	UPPER FLOOR		
1	TOTAL HEATED SF	2274 SQ. FT.	
1	UNHEATED AREAS		
1	2-CAR GARAGE	413 SQ. FT.	
	COVERED AREAS		
	FRONT PORCH	60 SQ. FT.	
	UNCOVERED AREAS		
	PAD	16 SQ. FT.	
PA	W/ OPT BEDR. 4 W/ BATH 3	9 SQ. FT.	
	HEATED OPTIONS		
	OPT BEDRM. 4 W/ BATH 3	0 SQ. FT.	
OPTIONAL BEDRM, 5 I.L.O. LOFT		0 SQ. FT.	
1	UNHEATED OPTIONS		
	OPTIONAL 1-CAR GARAGE	240 SQ. FT.	

)	TAGE	\	SQUARE FOO	TAGE	
	ELEV 'A'	\	HEATED AREAS	ELEV 'C'	
	959 SQ. FT.	١	MAIN FLOOR	959 SQ, FT,	
	1318 SQ. FT.		UPPER FLOOR	1314 SQ. FT.	
	2277 SQ. FT.		TOTAL HEATED SF	2274 SQ. FT.	
			UNHEATED AREAS		
	413 SQ. FT.		2-CAR GARAGE	413 SQ. FT.	
			COVERED AREAS		
	60 SQ. FT.		FRONT PORCH	60 SQ. FT.	
			UNCOVERED AREAS		
	16 SO, FT.		PAD	16 SQ. FT.	

(Garage HOMES WAYFARE H&H

DAVIS BEWS DESIGN GROVE

SO STATE STREET EAST CLDMAN, FLORIDA SASTY 823 - 925 - 1300 TEL 823 - 925 - 1300 FAX WWW.DAVIBLEWILCOM TAMPA • DENVIEL BST. 1994

DRAWINGS ON II"x17"

SHEET ARE ONE HALF THE SCALE NOTED

Left)

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* TITLE REVISION LOG

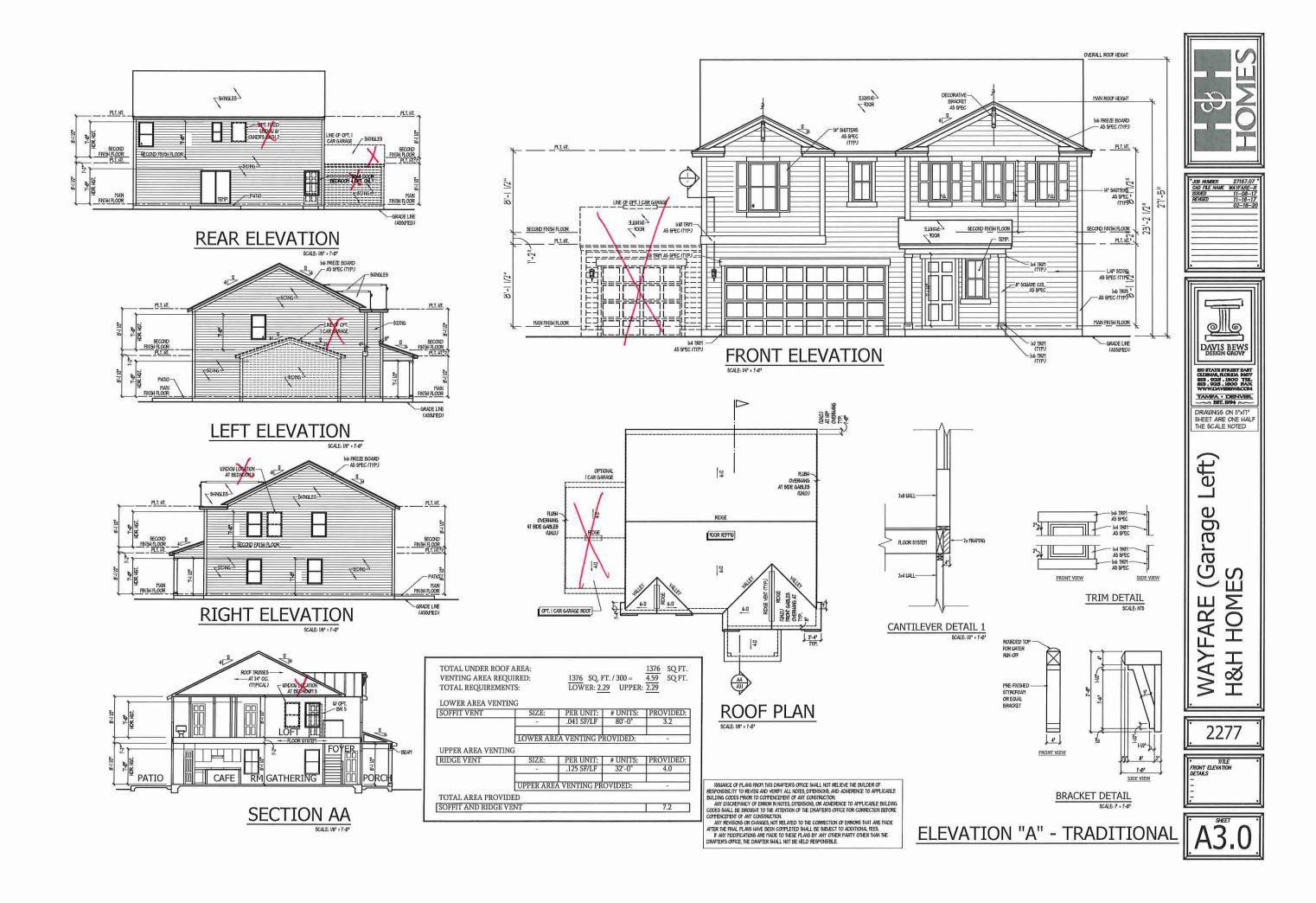


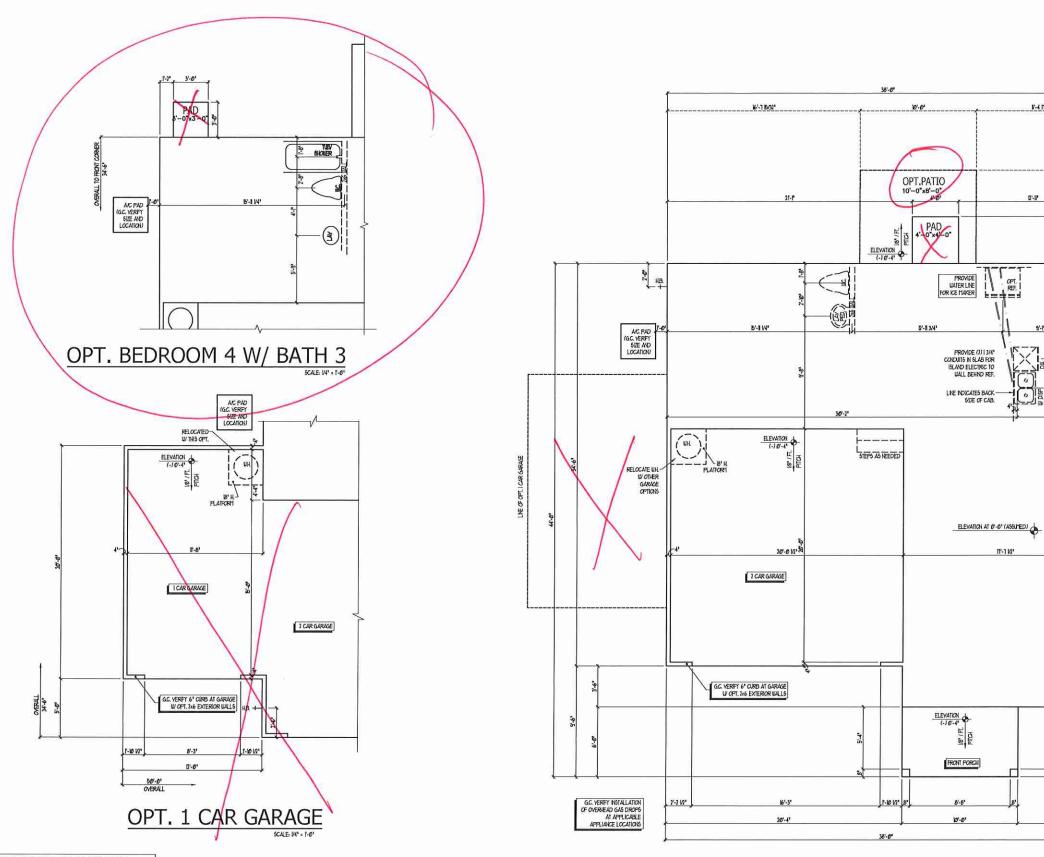
ISSUACE OF FLAS FROM THIS DRAFFER'S OFFICE SHALL NOT FELEVE THE BUILDER OF RESPONSIBILITY TO REVEN AND VERRY ALL NOTES, DYENSIONS, AND ADJERRINGE TO APPLICABLE BUILDING CODES FROM TO COTENCEMENT OF ANY CONSTRUCTION.

ANY DISCREPANCY OF PROSE INVINES, DIFFESSIONS, OR ADJERRINGE TO APPLICABLE BUILDING CODES SHALL BE PROUNTED TO THE ATTENTION OF THE DRAFFERS OFFICE FOR CORRECTION BEFORE COTENCEMENT OF ANY CONSTRUCTION.

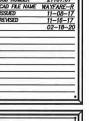
ANY REVISIONS OR CHAYES, NOT RELIANDED TO THE CORRECTION OF ERRORS THAT ARE MADE AFTER THE FINAL PLASS HAVE BEEN COFFLIETED SHALL BE SUBJECT TO ADDITIONAL THES.

FAIN TOOTICATIONS ARE MADE TO THESE FLASS BY ANY OTHER PRAYTY OTHER THAN THE PRAFFERS OFFICE, THE DRAFFERS OFFICE THAN THE DRAFFERS OFFICE, THE DRAFFER SHALL NOT BE HELD RESPONSIBLE.











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SLAB INTERFACE PLAN

HB.

ISSUANCE OF PLANS FROM THIS DRAFTERS OFFICE SHALL NOT RELEVE THE BULDER OF REFORMBLITT TO REVIEW AND VERSET ALL NOTES DIPENSIONS, AND ADDRESSAYE TO APPLICABLE BULDING CODES PRIOR TO COTTENZE BUT OF ANY CONSTRUCTION.

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ANY REMANDIS OR CHANGES HOT RELATED TO THE CORRECTION OF EXPROSS THAT ARE MADE AFTER THE FINAL PLANS HAVE FEED COMPLETED SHALL BE SUBJECT TO ADDITIONAL FIES.

FAIN TOOFICIATIONS ARE MADE TO THESE FLANS BY ANY OTHER PARTY OTHER THAN THE DRAFTERS OFFICE, THE ORAFTER SHALL NOT BE HELD RESPONSIBLE.

* * * * * * * STAIR NOTES:

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

THE TRANSPLAR OFFENINGS FORFED BY THE RISER TREAD AND BOTTOM RAIL OF A GUARD AT THE OFFEN SIDE OF A STARRIAY ARE PERMITTED TO BE A SUCH A SIZE THAT A SPHERE OF 6 INCHES CANNOT PASS THROUGH

OPENINGS FOR REQUIRED GUARDS ON THE SIDES OF STAIR TREADS SHALL NOT ALLOU A SPIERE 4 3/8 INCRES TO PASS TIRROUGH

HAVDRALS HAVDRALS FOR STAIRLAYS SHALL BE CONTINUOUS FOR THE FILL LENGTH OF THE FLIGHT, RIGHT A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LORST RISER HAVDRALD BOS SHALL BE RETURNED OR SHALL TERMINED IN SELECTION OR SAFETY TERMINES. HAVDRALS ADJUGATE TO A WILL SHALL HAVE A SPACE OF NOT LESS THAN 1-1/2 NICH BETWEEN THE WALL AND HAVDRALS.

CONTINUOUS GRASPABLE HANDRA'L HUST HEET TYPE ONE OR TYPE TWO CRITERIA

* * * * * * * * * * *

\$ TREADS AT 10" EACH BEAM - 3/4" FLYUD. DECKING ATLOOR SYSTEM BEYOND -36" H CONTINUOS GRASPABLE RALING IN THE

> LANDING STAIR SECTION 8'-0" CLG.

> > HEATED AREAS

UPPER FLOOR

TOTAL HEATED SE

UNHEATED AREAS

COVERED AREAS

FRONT PORCH

UNCOVERED AREAS PAD W/ OPT BEDR. 4 W/ BATH 3

HEATED OPTIONS

OPTIONAL BEDRM, 5 I.L.O. LOFT

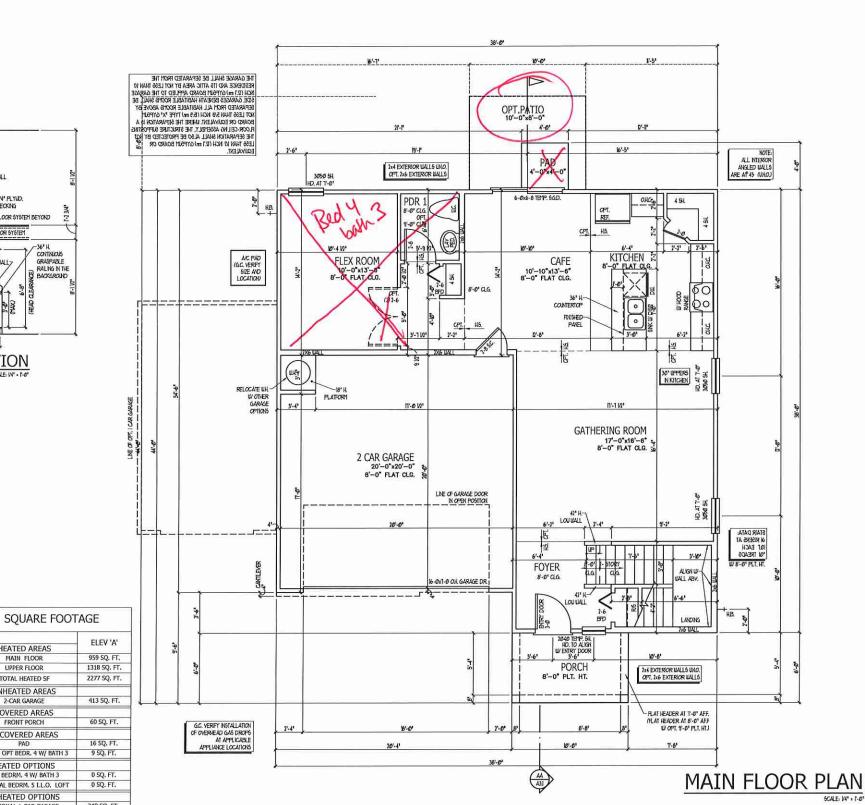
UNHEATED OPTIONS OPTIONAL 1-CAR GARAGE

9 TREADS AT 10" EACH

ISSUANCE OF PLANS FROM THIS DRAFTER'S OFFICE SHALL NOT RELIEVE THE BUILDER OF

ISSUINCE OF PLANS FROM THIS DEVALUES CHICLE SHALL NOT RELEVE THE BUILDER OF REPORDSBUILT TO REVEW AND VERRY FLAL NOTES, DEPENDING, MO DUPLENNER TO APPLICABLE BUILDING CODES FROM TO CONTENCED THE PRINT CONSTRUCTION. ANY DISCREPANCY OF BROWN IN NOTES, DIFEISIONS, OR ADJECTIVE TO APPLICABLE BUILDING CODES SHALL BE BROWNERT ON THE ATTENTION OF THE DRAFFLESS OFFICE FOR CORRECTION REPORTS COPYRIGHTS OF ANY CONSTRUCTION. ANY REVISIONS OR CHARGES FOR RELATED TO THE CORRECTION OF ERRORS THAT ARE HADE AFTER THE FINAL PLANS HAVE BEEN COPYRIETED SHALL BE SUBJECT TO ADDITIONAL FIES. F ANY TOPOCRATIONS ARE WINCE TO THESE PLANS BY ANY OTHER PARTY OTHER THAN THE DRAFFLESS OFFICE, THE DRAFFLE SHALL NOT BE HELD RESPONSIBLE.





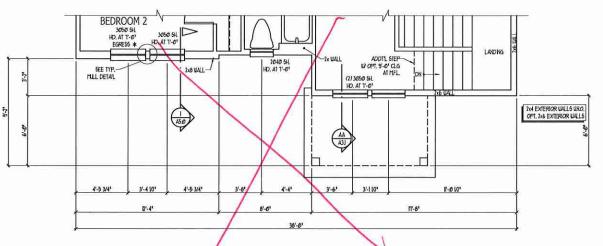




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TITLE MAIN FLOOR PLAN STAIR SECTION



NOICATES TYP. MULL DETAIL 1-6' 7-8' 1-6' A OPT. E - CENTER

PARTIAL UPPER FLOOR PLAN - C

	ELEV 'C'
HEATED AREAS	
MAIN FLOOR	959 5Q. FT.
UPPER FLOOR	1314 SQ, FT,
TOTAL HEATED SF	2274 SQ. FT.
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COVERED AREAS	
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PAD W/ OPT BEDR. 4 W/ BATH 3	9 SQ. FT.
HEATED OPTIONS	
OPT BEDRM, 4 W/ BATH 3	0 SQ. FT.
OPTIONAL BEDRM, 5 I.L.O. LOFT	0 SQ. FT.
UNHEATED OPTIONS	
OPTIONAL 1-CAR GARAGE	240 SQ. FT.

COMPOSITE SHINGLES OVER 15 # FELT PAPER 7/16" EXTERIOR SHEATHING W/ "H' CLIPS PRE MANUFACTURED ROOF TRUSSES @ 24' O.C. Zone 3:

R-30 INSULATION (MEET THE CI REQUIREMENT OF INSULATION EXTENDING ACROSS THE TOP PLATE R-38 INSULATION W/ HEEL LESS THAN 9"

R-38 INSULATION W/ HEEL GREATER THAN 9"

INSULATION BAFFLES

VENTED SOFFITS | NIIO2.1 OF PROVIDE THE INSULATION FOR ALL HEATED AREAS R38 OR R30CI FOR CEILING, R-19 FLOORS, RIS OR RIS CAVITY PLUS R2.5 CONTINUOUS FOR WALLS

A WATER RESISTIVE BARRIER MEETING THE REQUIREMENTS OF THE LATEST NORTH CAROLINA RESIDENTIAL BUILDING CODE MUST BE INSTALLED OVER ANY EXTERIOR SHEATHING THAT DOES NOT ALREADY MEET WATER RESISTIVE REQUIREMENTS. Zone 3 or Zone 4: R-15 INSULATION OR

R-13 GAVITY INSULATION + R-2.5 CI

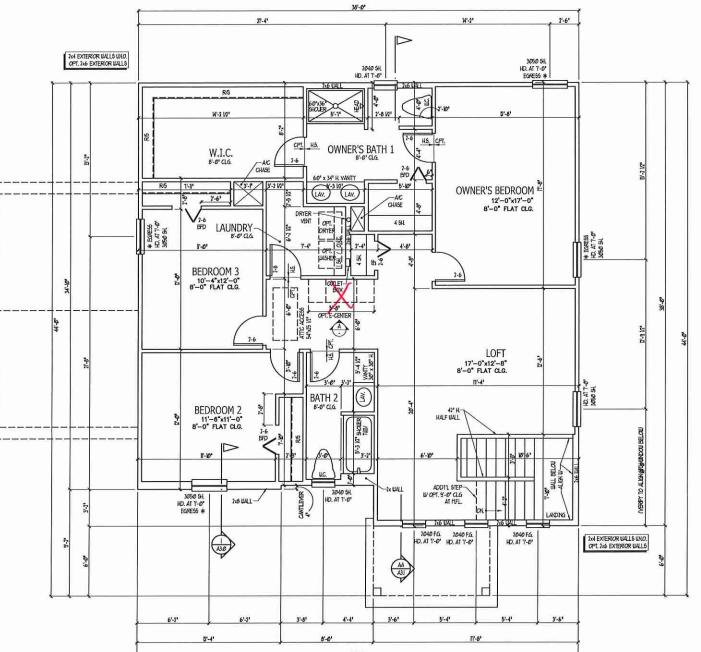
INSULATION DETAIL

SAVANA SAVANA

ESUACE OF PLANS FROM THIS DRAFFERS OFFICE SHALL NOT RELEVE THE BULDER OF RESPONSIBILITY TO REVIEU AND VERFIT ALL NOTES, DYTHNIONS, AND ACHERENCE TO APPLICABLE BULDING COCCES FROM TO COTTENCE POINT OF ANY CONSTRUCTION. AND DOSCREPACY OF FROME IN NOTES, DYTHNIONS, OR ACADERSIVE TO APPLICABLE BULDING COCCES SHALL BE BROUGHT TO THE ATTENTION OF THE DRAFFERS OFFICE FOR CORRECTION EFFORE COTTENCED TO ANY CONSTRUCTION.

ANY REMISIONS OR CHANGES, NOT RELIABED TO THE CORRECTION OF ERRORS THAT AND THAT FIRST HAND HANS HAVE FEBRIC CONFILED SHALL BE SUBJECT TO ADDITIONAL FIES.

FAINT MODERCHIONS ARE PLOYED TO THESE FLANS BY ANY OTHER PLAYTY OTHER THAN THE DRAFFERS OFFICE, THE DRAFFERS OFFICE, THE DRAFFERS OFFICE, THE DRAFFERS SHALL NOT BE HELD RESPONSIBLE.







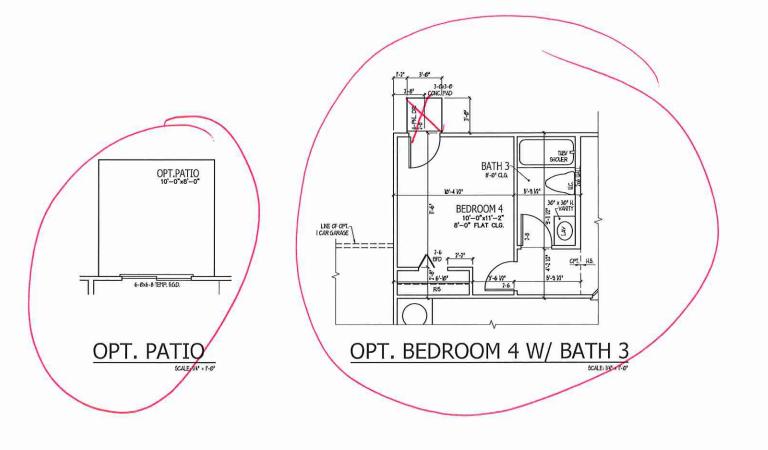


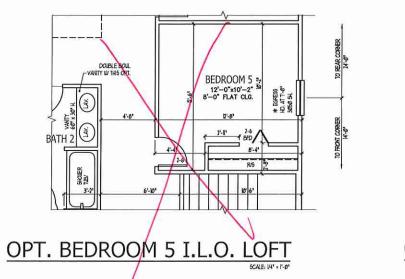
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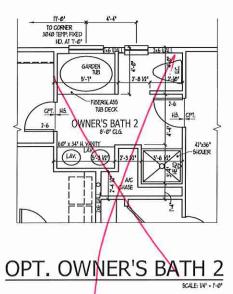
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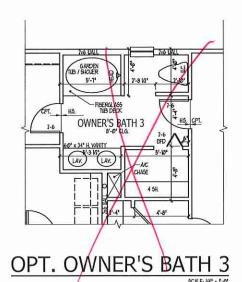
TITLE UPPER FLOOR PLAN

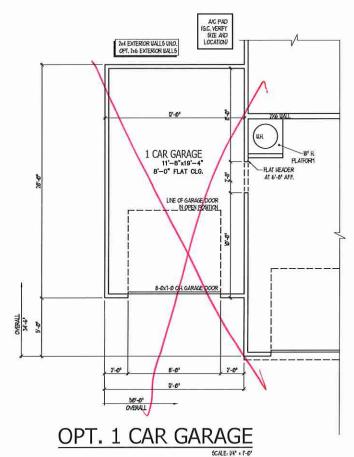
UPPER FLOOR PLAN

















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REFER TO STANDARD FLAN FOR INFORMATION NOT SHOUN

PLAN OPTIONS

ISSUMCE OF PLANS FROM THIS DRAFFERS OFFICE SHALL NOT RELIEVE THE BULDER OF RESPONSIBILITY TO REVIEW AND VERRY ALL NOTES, DYENSIONS, AND ADJERRINE TO APPLICABLE BULDING CODES PROOF TO COTTENCETHEN OF ANY COSTRICUTION.

ANY DISCREPANCY OF FROM NIVERS, DIPENSIONS, OR ADJERRINE TO APPLICABLE BULDING CODES SHALL BE BROWNED TO THE ATTENTION OF THE DRAFFERS OFFICE FOR CORRECTION BEFORE COTTENCETHEN OF ANY COSTRICTION.

ANY REMISSION OR CHANGES, NOT RELIABED TO THE CORRECTION OF ERRORS THAT ARE MADE AFTER THE FINAL IT, ANS HAVE PERSY COMPLETED SHALL BE SUBJECT TO ADJOINTON, THES.

If ANY HODIFICATIONS ARE HAVE TO THESE PLANS BY ANY OTHER PLANT OTHER THAN THE DRAFFERS OFFICE, THE DRAFFER SHALL NOT BE HELD RESPONSIBLE.

ELECTRICAL KEY

CUPLEX COMBINENCE CUTLET

HE DUPLEX CUTLET ABOVE COUNTER HE LEATHERPROOF DUPLEX GUILET

HE GROUND FAILT MIERRIPIER DUPLEX CUILET

O SECON ENLIST ONLE

A DIFLEX CUTLET NIFLOOR

S WO YOUT OUTLET

INTL BRITCH

THREE-MAY SUITCH \$4 FOUR-MAY BUTTON

DITTER BUTTON

CELING HOWITED INCANDERCENT LIGHT FIXTURE

WILL HOWITED INCANDERCENT LIGHT FIXTURE

O RECEIVED INCANDERCENT LIGHT FIXTURE

DESTRUCTION

BY DESTRUCTION

B LIGHT FIXTURE WITH FULL CHAIN

EXHAUST FAVILISHT COMBINATION III ELECTRIC DOOR OPERATOR (OPTIONAL)

OH CHIMEN (OPTIONAL)

PUBLICATION BUTTON (OPTIONAL)

CARBON HONOXIDE DETECTOR

BYCKE DETECTOR

⑤⑤ BHOKE / CARBON HOND, COMBO DETECTOR IN TELEPHONE (OPTIONAL)

TELEVISION (OPTIONAL)

THENHOSTAT

DE ELECTRIC HETER ELECTRIC PANEL

_= DISCONECT SUTCH

⊗ treaker (optional) POLISH N FOR OPT. CELING FAN

CELING HOLNTED INCANDERCENT LIGHT FOTUPE IN ROUGHN FOR OPT. CELING FAN

NOTES:

1. PROVIDE AND INSTALL <u>GROUND FAULT CROUT-MIERRUPIERS</u> (GFL) AS NOICATED ON FLANS OR AS TIEN NO. 4 AND 8 BELOW NOICATES.

2. UNLESS OTHERWISE NOVATED, NOTALL BUTCHES AND RECEPTIACLES AT THE FOLLOWING HEIGHTS AROUGH THE HOOPE HOUSE TO CONTINUE THE HOUSE. J.Y. (INLESS ARY CONTERTOR) THE PROPERLY ON THE PROPERTY OF THE PROPERTY O

1. ALL BYCKE DETECTORS SHALL BE HARDWIRED NTO AN ELECTRICAL POWER SCIRCE AND SHALL BE EXAMPLED WITH A MONTONED BATTERY BACKLP. PROVIDE AND NOTALL LOCALLY CHRITIPED BYCKE DETECTORS.

4. ALL BA, AND 26A RECEPTACLES IN GLEPPIG ROOTS, FAPILLY ROOTS, DANS ROOTS, LIMPS ROOTS, PARLORS, LERARES, DES, GUNCOCTS, ESCRETAION ROOTS, CLOSETS, MULLINY, AND PHILA, REAS ILLI, RESULTE A COTEMNION THE AFAIL DEVICE AND TAPER-PROOF RECEPTACLES FER NEC. 2014/06/12 AND 40/618

B. ALL BA AND 20A DIBY RECEPTACLES LOCATED IN THE GARAGE AND UTILITY ROOMS SHALL BE GECL PROTECTED (GEL).

6. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICAN TO ENGINE THAT ALL ELECTRICAL BOOK IS IN RUL CONFLIANCE WITH NEPA. 10, NEC. 2011, AND ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDINANCES.

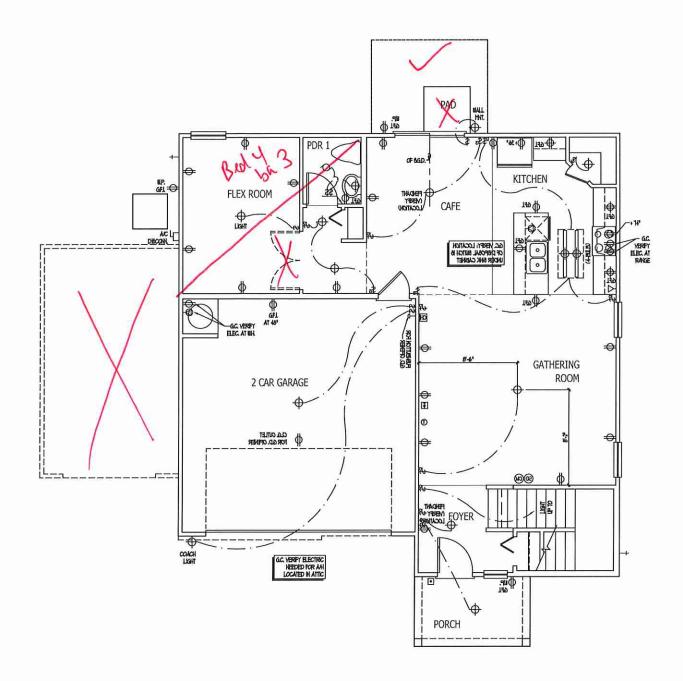
LEVERY BULDNIS HAVYS A FOOL-REL-BURNIS HEATER OR AFFLIANCE, RNEFLACE, OR AN ATTACKED GARAGE BIALL HAVE AN OFERATIONAL CARBON HARMODE DETECTOR INSTALLED WITHIN ID HEFT OF EACH ROCH WED FOR BLEEPING FURFOCES.

ISSUACE OF FLANS FIRCH TIMS DEVITIENS CIFICE SHALL NOT RELEVE THE BUILDER OF REPORTED TO CONTRICT ALL NOTES, DYDENSONS, AND ADDRESSES TO APPLICABLE BUILDING CODES FROM TO CONTRICT OF ANY CONSTRUCTOR.

ANY DEVERTABLY OF PRISON HAVING DYDENSONS, OR ADDRESSES OF APPLICABLE BUILDING CODES SHALL BE REQUISIT TO THE ATTENTION OF THE DEVITIENS CIFICE FOR CORRECTION EFFORE CONTRICTION OF ANY CONSTRUCTION.

ANY REMAINS OR CHARKES, MY RELATED TO THE CORRECTION OF BROKEN THAT ARE MADE AFTER THE TRAIL FLANS HAVE BEEN COPYLETED SHALL BE SUBJECT TO ADDITIONAL FIELD.

FAIR HODELGATIONS ARE HAVE TO THESE FLANS BY ANY OTHER THAN THE THAN THE PRAIT OTHER THAN THE PRAIT OTHER THAN THE DEVELOPMENT OF THE FLANS BY ANY OTHER THAN THE DEVELOPMENT OF THE PRAIT OTHER THAN THE DEVELOPMENT OF THE PRAIT OTHER THAN THE PRAIT









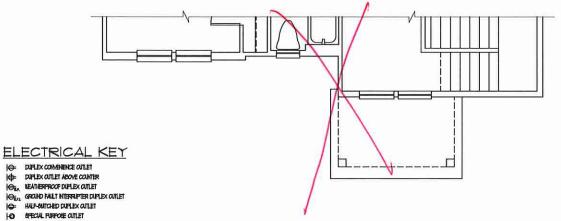
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TITLE WAIN FLOOR ELEC, PLAN

MAIN FLOOR ELECTRICAL PLAN



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TITLE IPPER FLOOR ELEC, PLAN

UPPER FLOOR ELECTRICAL PLAN

OWNER'S BATH 1

LAUNDRY

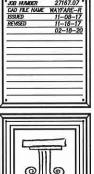
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BEDROOM 3

BEDROOM 2

OWNER'S BEDROOM

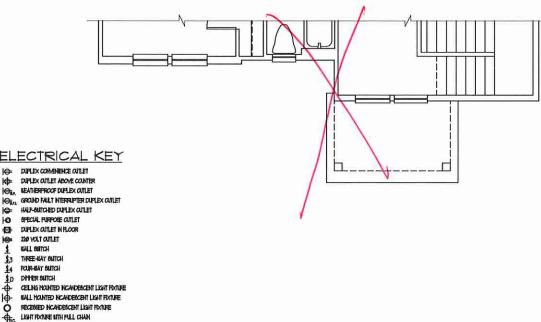
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E2



RECEIVED INCANDESCENT LIGHT FIXTURE HTICKERCENI TRAIL LAVINGE

LISTIL LAVINGE TILH LATT CAN LIGHT FORME WITH FULL CHAIN EXHAUST FAN

220 YOUT OUTLET WALL SETTCH THREE-MAY BUTTON FOUR-MAY SUITCH TO DIMERSUICH

DAHABT FAVLISHT COMMUTION ELECTRIC DOOR OPERATOR (OPTIONAL)

E CHES (OPTIONU) FUSHBUTTON SUTTON (OPTIONAL) CARBON HONOXIDE DETECTOR

SHOKE DETECTOR (SO) SHOKE / CARBON HOND, COMBO DETECTOR

TELEPHONE (OPTIONAL) TELEVISION (OPTIONAL) THERMOSTAT IN ELECTRIC HETER

ELECTRIC PANEL _ DISCONNECT BUTCH STEAKER (OPTIONAL) ROUGH N FOR OPT, CELLING FAN

CELING HOLNIED INCANDERCENT LIGHT FIXTURE IV

NOTES:

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

3. ALL OYCKE DETECTORS SHALL BE HARDWIRED INTO AN ELECTRICAL POWER SCURCE AND SHALL BE EQUIPTED WITH A HONTORED BATTERY BACKUP, PROVIDE AND INSTALL LOCALLY CERTIFED <u>OYCKE DETECTORS</u>.

4. ALL BA AND 20A RECEPTACLES IN BLEEPING ROCKS, FAVILY ROCKS, DINING ROCKS, LIMAS ROCKS, PARLORS, LERVARES, DESS, BAROCKS, RECREJIOCH ROCKS, CLOERIS, MULLINS, AND MALLAR, PERS INLE, RESIDE, A CORDANICAT, THE AFCL DEVICE AND TAPTER-PROCE RECEPTACLES FER NEC. 201 466 (2) AND 466 (3)

5. ALL BA AND 26A DEV RECEPTACIES LOCATED IN THE GARAGE AND UTILITY ROOMS SHALL BE GECL PROTECTED (GF1).

A. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICAN TO BRAVE THAT ALL ELECTRICAL LORK IS IN RLL. COMPLIANCE WITH HEP A. 10, NEC. 2011, AND ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDNANCES.

1. EVERY BULDING HAVING A ROBOL-RIEL-BURNING HEATER OR AFFLIANCE, FREFLACE, OR AN ATTACHED GARACE BUILL HAVE AN OFERATIONAL CARBON HONOODE DETECTOR INSTALLED LITIEN WE HEET OF EACH ROCH LIBED FOR BLEEPING

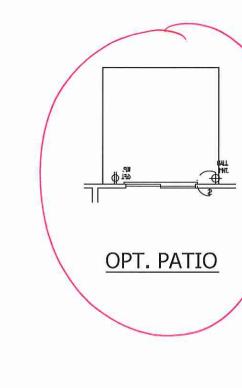
8. ALAPT'S SHALL RECEIVE THEIR PROMATY FORER FROM THE BULDING WRING MEN BUCH WING IS BERYDD FROM THE LOCAL POWER VITLIN'S DOLLA MAYES SHALL HAVE BUTTER'S PACKED, COMPANION BUGGEL/ARROW MENODE ALAPTIS SHALL BE LISTED OR LAPREED BY A MATICANALLY RECOGNIZED TESTING LABORATORY.

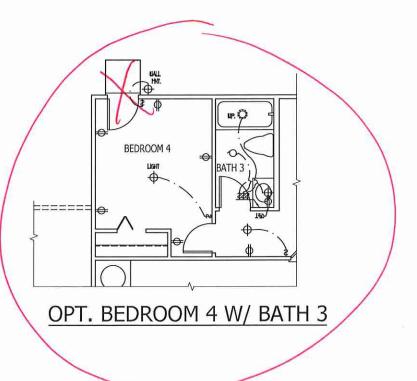
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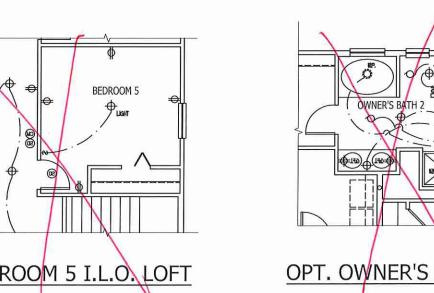
AND PROCESSANCE OF SHORM IN HOTES, DYENSONS, OR ACHERORICE TO AFFILCABLE BILLDING CODES MAIL BE PROJECT TO THE ATTRIBUTE OF THE DRAFFERS OFFICE FOR CORRECTION BEFORE CONTRECIDED OF ANY CONSTRUCTION.

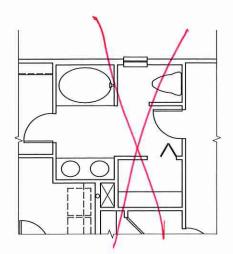
ANY REVINENDE OF CHARGES AND TREATED TO THE CORRECTION OF SERVING THAT ARE THOSE FROM THAT HAS HAVE BEEN CONFIDENCE SHALL BE SUBJECT TO ACCOUNTANT HERS.

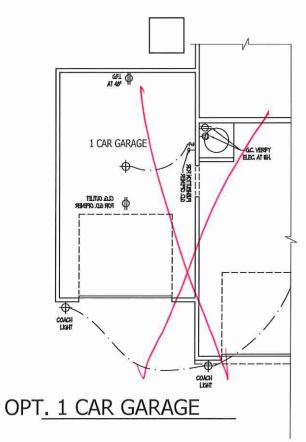
FAIR THOSE FRAIL FLANS HAVE BEEN CONFIDENCE FLANS BY ANY CHARGE PRAFTY OTHER THAN THE DRAFFERS OFFICE, THE DRAFFERS MALL MOT BE HELD RESPONSIBLE.















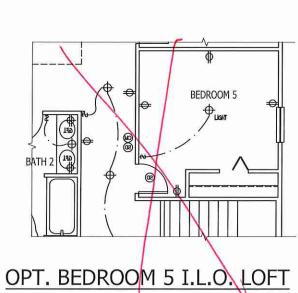


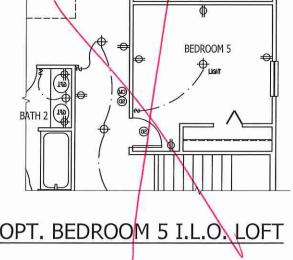
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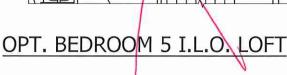
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TITLE ELECTRIC AT PLAN OPTION

ELECTRIC AT PLAN OPTIONS







OPT. OWNER'S BATH 2

ELECTRICAL KEY

CELLING HOLNTED INCANDESCENT LIGHT FOXURE WALL HONTED INCANDESCENT LIGHT FOTURE O RECEMBED INCANDENCENT LIGHT FIXTURE TRACK TRAIL

THE TRACK TRACK TRAIL

THE TRACK TRACK TRAIL

THE TRACK TRACK

E DUPLEX COMPNENCE CUTLET HE DUPLEX OUTLET ABOVE COUNTER HEATHERPROOF DUPLEX CUTLET HOLE GROUND FALLT MIERRAPTER DUPLEX CUTLET HAT-WITCHED DUFLEX CUTLET HO SPECIAL PURPOSE CUILET DUPLEX CUTLET IN FLOOR 20 VOLT OUTLET BALL SUTTCH THREE-UAY SUITCH FOUR-MAY BUTCH

HUOREXCENT LIGHT FIXTURE Ó EXHABITEAN

DI CHIMES (OPTIONAL) PUSHBUTTON BUTCH (OPTIONAL) CARBON HONOXIDE DETECTOR

SHOKE DETECTOR 1 thake / CARBON HOND, combo DETECTOR HI TELEPHONE (OPTIONAL)

TELEVISION (OPTIONAL) THERMOSTAT

DE ELECTRIC HETER

- BECTRIC PAREL

___ DISCONECT BUTCH ⊗ SPEAKER (OPTIONAL) THE ROUGH-IN FOR OPT, CELLING FAIN

CELING HOWTED INCANDESCENT LIGHT FOXINGE IN ROUGH N FOR OPT. CELING FAN

I. PROVIDE AND INSTALL GROUND FAULT CROUT-NITERRUPTERS (GFL) AS INDICATED ON FLANS OR AS ITEM NO. 4 AND 5 BELOWINDICATES.

3. ALL BYOKE DETECTORS BYALL BE HARDWIRED NTO AN ELECTRICAL POWER BOURCE AND BYALL BE EQUIPPED LITH A HONTORED BATTERY BACKUP, PROVIDE AND NOTALL LOCALLY CERTIFED BYOKE DETECTORS.

A, ALL BA, AD 26A RECEPTACLES IN GLEFFING ROCHS, FAHLY ROCHS, DANIG ROCHS, LIANG ROCHS, PARLORA, LERANSES, DEB, GURROCHS, RECREATION ROCHS, CLOSETS, MALLIANTS, APD GHLAR AREAS WILL REQUIRE A COTSPANION TYPE AFCL DANCE AND TAMPER-PROCE RECEPTACIES FERNICE, 201 4663 APD 4665

B. ALL BA AND 20A DOV RECEITACLES LOCATED IN THE GAPAGE AND UTILITY ROOMS GIVIL SE GECL PROTECTED (GEL)

6. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICAN TO BRUNE THAT ALL ELECTRICAL WORK IS IN TRUL COMPLIANCE WITH NUP A 10, NEC. 2011, AND ALL APPLICABLE LOCAL STANDARDA, CODES, AND ORDINANCES.

1. Expert Bulding Hayng a food. Fiel-Burning Heater or Affliage, Freeflage, or an attached garage gull have an offertondul carbon Homodo entector notalled which in heat of each root used for albeing furposed.

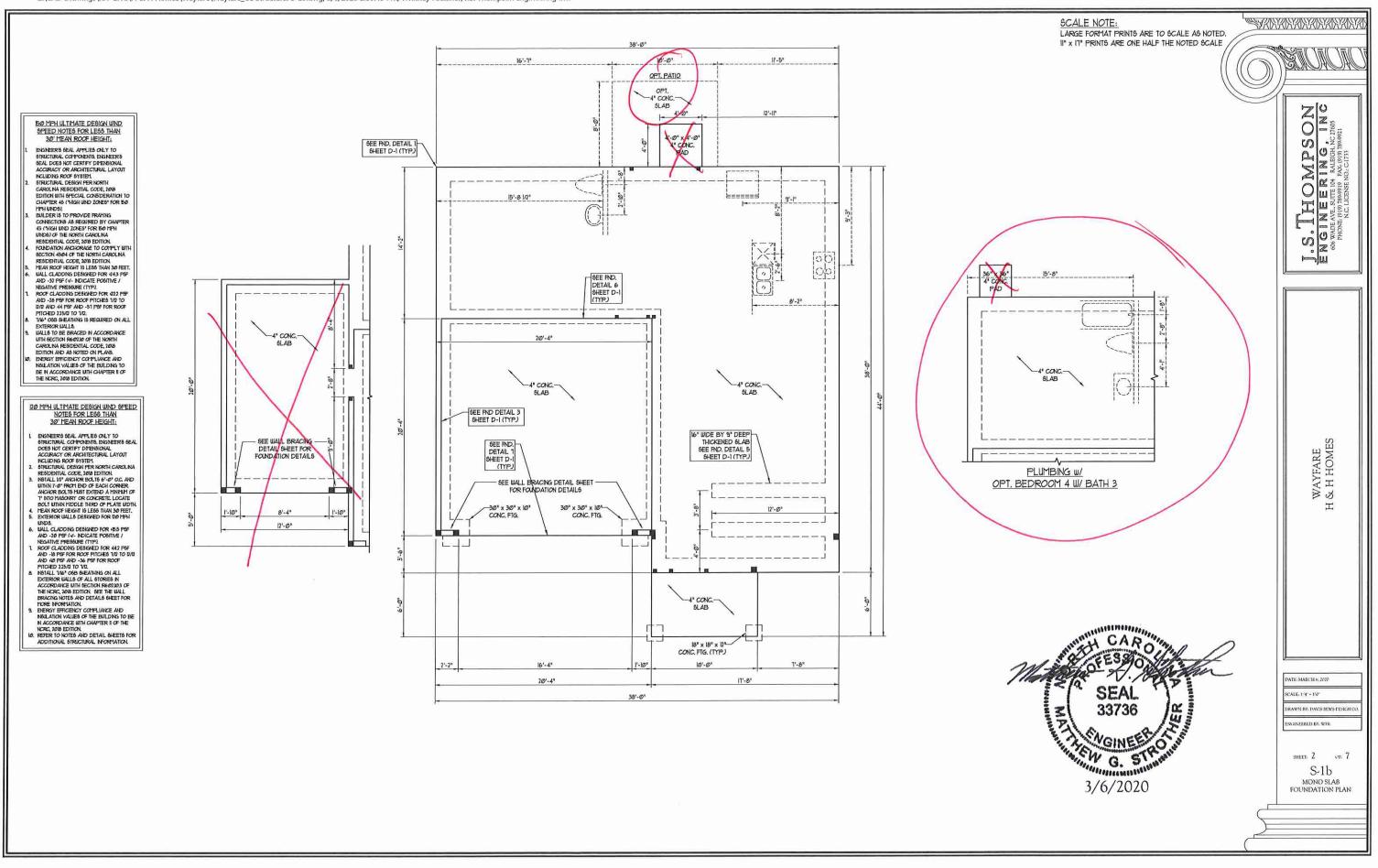
A JUAN'S GULL RECEYE THER PRIVARY POUR RICH THE BULDN'S WINNS LIFEN BUCH WINN'S IS GERYED RICH THE LOCAL POUR TILLTY, BUCH JUANES WILL HAVE BATTERY BACKEP, COTENHATION BY KIECKEPON HONOXODE JUAN'S SHULL BE LISTED OR LIFELED BY A MINICIPALLY RECOGNED TESTING LOCKNICHY.

EXPLIBIT FAVILLEHT COMBINATION ELECTRIC DOOR OPERATOR (OPTIONAL)

MAJANCE OF FLANS FIRM TIMS DRAFTER'S CHICE SHALL NOT RELEVE THE BULLDER OF REPORTBULLING TO REVEN AND VERSET ALL NOTES, DIEDWICHS, AND JACKERSKE TO APPLICABLE BULDNIS CODES FRORT TO COTESTECHT OF ANY CONSTRUCTION.

ANY DISCREPANCY OF BROKE HOTES, DEPARTMENT, OR PARESHE TO APPLICABLE BULDNIS CODES SHALL BE BROKEN TO THE ATTENDION OF THE DRAFTER'S CHICE FOR CORRECTION BEFORE COTESTED OF ANY CONSTRUCTION.

ANY REVISIONS OR CHARKES, MOT RELATED TO THE CORRECTION OF BROKES THAT ARE MADE AFTER THE FRAU FLANS HAVE BEEN COMPLETED SHALL BE BLOKET TO ADDITIONAL FIELD. FAIT HOSPICATIONS ARE MADE THAN BY ANY OTHER PRAFTY OTHER THAN THE DRAFTER'S CHICE, THE DRAFTER SHALL NOT BE HELD REPORTSHEE.



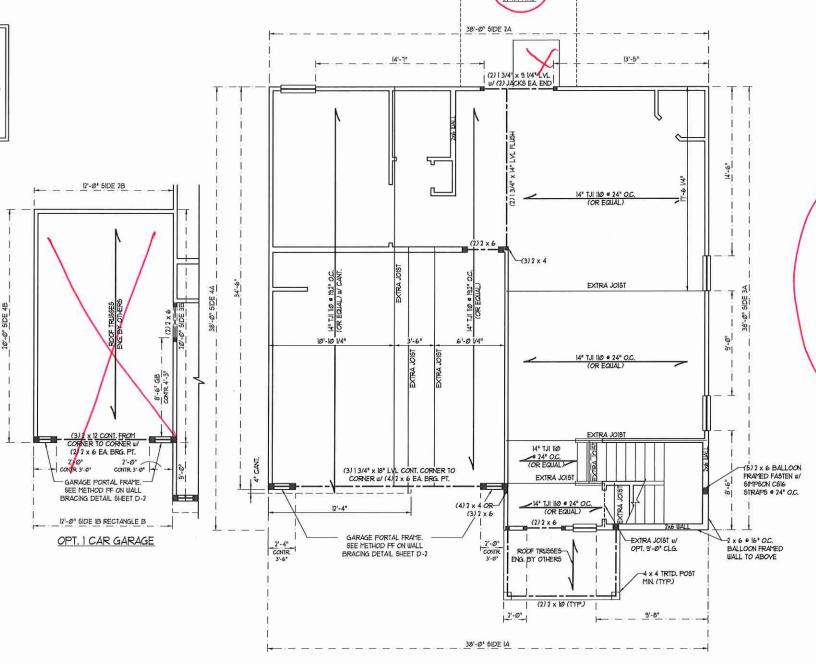
NOTE: ALL FIRST FLOOR EXTERIOR WALLS ARE TO BE 2 x 4 @ 16" O.C. (UNO). 2 x 6 @ 16" O.C. FIRST FLOOR EXTERIOR WALLS MAY BE CONSTRUCTED IN LIEU OF 2 x 4 WALLS (UNO). ALL INTERIOR LOAD BEARING AND NON-LOAD BEARING WALLS ARE TO BE 2 x 4 SPF 2 a 24" O.C. (UNO).

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 3. INSTALL AN EXTRA JOIST UNDER WALLS
- PARALLEL TO FLOOR JOISTS WHERE NOTED ON THE PLANS.
- WINDOW AND DOOR HEADERS TO BE SUPPORTED W/ (I) JACK STUD AND (I) KING STUD EA END (UNO.), SEE TABLE R6/02.15 FOR ADDITIONAL KING STUD REQUIREMENTS. SQUARES DENOTE POINT LOADS WHICH
- REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (2) STUDS
- FOR HIGH WIND ZONES, ALL EXTERIOR WALLS TO BE SHEATHED WITH TAG" OSB SHEATHING WITH JOINTS BLOCKED AND SECURED WITH 8d NAILS AT 3" O.C. ALONG EDGES AND 6" O.C. IN THE FIELD.
- THE PIELD.
 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 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, ALUMNUM, OR COLUMN ENG.
- BY OTHERS, SECURE TO SLAB w/ (2) METAL ANGLES USING 2" CONC. SCREWS. FASTEN ANGLES TO COLUMNS W/ 1/4" THROUGH BOLTS III/ NUTS AND IIIASHERS I OCATE ANGLES ON OPPOSITE SIDES OF COLUMN. THROUGH BOLTS MUST BE INSTALLED PRIOR TO SETTING
- Ø. REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

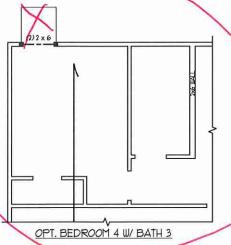
TABLE R6@2.15 MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

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



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

************ 4 CAR SEAL 33736 EW G. S ACOUNTER MENERS 3/6/2020



BRACED WALL DESIGN NOTES:

- BRACED WALL DESIGN PER SECTION R602.00 OF THE NCRC 2018 EDITION.
- CS-WEP REFERS TO "CONTINUOUS SHEATHING WOOD STRUCTURAL PAYELS" CONTRACTOR IS TO INSTALL 1/16' OSB ON ALL EXTERIOR WALLS ATTACHED W/ 8d NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD.
- "GB REFERS TO "STPSUM BOARD" CONTRACTOR IS TO INSTALL IZ" (MIN.) GYPSUM WALL BOARD WHERE NOTED ON THE PLANS. EASTEN GB IIITH I I/4" SCREIIS OR 15/8" NAII 5 SPACED 1" OC. ALONG PANEL EDGES AND IN THE FIELD INCLUDING TOP AND BOTTOM PLATES.
- BRACED WALL DESIGN APPLIED IN WIND ZONES UP TO 130 MPH. FOR HIGH WIND ZONES, BRACE WALLS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 45 OF THE NCRC 2018 EDITION, SEE NOTES AND DETAIL, SHEETS FOR ADDITIONAL BRACED

RECTANGLE A RECTANGLE B SIDE IA METHOD: C5-WSP/PF TOTAL REGUIRED LENGTH: 16/11 SIDE IB METHOD: PF TOTAL REQUIRED LENGTH: 48' TOTAL PROVIDED LENGTH: 18.17 TOTAL PROVIDED LENGTH: 6'

SIDE 2A METHOD: C5-WSP TOTAL REQUIRED LENGTH: 13.61' TOTAL PROVIDED LENGTH: 28' SIDE 3A METHOD: C5-WSP TOTAL REQUIRED LENGTH: 13.61' TOTAL PROVIDED LENGTH: 35'

SIDE 4A METHOD: C5-WSP

METHOD: C5-WSP TOTAL REQUIRED LENGTH: 4.8'
TOTAL PROVIDED LENGTH: 12' SIDE 3B 4 4A COMBINED TOTAL REQUIRED LENGTH: 11.03" TOTAL PROVIDED LENGTH: 18.15

SIDE 4B METHOD: CS-WSP TOTAL REQUIRED LENGTH: 13.61' TOTAL REQUIRED LENGTH: 3.36' TOTAL PROVIDED LENGTH: 345' TOTAL PROVIDED LENGTH: 20'

O Z 509/2 ERING, UITE 104 RALEICH, NCZ 189,9919 FAX; (919) 789,993 SO WAY

WAYFARE & H HOMES

DATE MARCH 6, 2020

RAWN BY: DAVIS DEWS DESIGN O NORNEERED BY: WFB

OF. 7 SHEET, 4 S-2

SECOND FLOOR FRAMING PLAN

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

Z 50927 ERING,

M COS WAL

WAYFARE & H HOMES

DATE MARCH 6, 2020

DRAWN BY: DAVIS BEWS DESIGN:

WINEERED BY: WFB

SHEET: 5 or 7 S-3

CEILING FRAMING PLAN

NOTE: ALL SECOND FLOOR EXTERIOR WALLS AND ATTIC WALLS ARE TO BE 2 x 4 SPF 1/2 @ 24" O.C. 2 x 6 SPF 12 8 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 1/2 @ 24" O.C. (UNO).

BRACED WALL DESIGN NOTES:

- BRACED WALL DESIGN FER SECTION R602.10 OF THE NCRC 2018 EDITION
- CS-USP REFERS TO "CONTINUOUS SHEATHING WOOD STRUCTURAL PANELS" CONTRACTOR IS TO INSTALL 1/16" OSB ON ALL EXTERIOR WALLS ATTACHED W/ Bd NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD.
- GB REFERS TO "GYPSUM BOARD" CONTRACTOR IS TO INSTALL IN" (MIN) GYPSUM WALL BOARD WHERE NOTED ON THE PLANS. FASTEN GB WITH I V4" SCREWS OR I 5/8" NAILS SPACED 1" O.C. ALONG PANEL EDGES AND IN THE FIELD INCLUDING TOP AND
- 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:

- PER SECTION R602.0032 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 REQUIRED.

 2. SHEATH ALL EXTERIOR WALLS WITH 1/16" OSB SHEATHING ATTACHED WITH 8d NAILS AT 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD.

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

HEADER SPAN	MAXMIM STUD SPACING (INCHES) (PER TABLE R6013/5)		
(FEE1)	16	24	
UP TO 3'	1	1	
4'	2	1	
8'	3	2	
n'	Б	3	
16'	6	4	

STRUCTURAL NOTES:

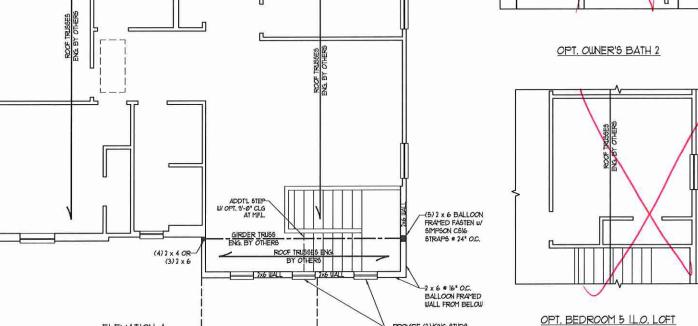
- ALL FRAMING LUMBER TO BE SFF 12 (UNO). ALL TREATED LUMBER TO BE SYP 12 (UNO) ALL LOAD BEARING HEADERS TO BE (2) 2 x
- 6 (LNO) WINDOW AND DOOR HEADERS TO BE SUPPORTED W/ (1) JACK STUD AND (1) KING
- STUD FA FND (INO) SEE TABLE R60075 FOR ADDITIONAL KING STUD REQUIREMENTS. SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (2)
- STUDS (LNO.) FOR HIGH WIND ZONES, ALL EXTERIOR WALLS TO BE SHEATHED WITH 17/6" OSB SHEATHING WITH JOINTS BLOCKED AND SECURED WITH 8d NAILS AT 3" O.C. ALONG EDGES AND 6" OC. IN THE FIELD.
- FOR HIGH WIND ZONES, SECURE ALL EXTERIOR WALL SHEATHING PANELS TO DOUBLE TOP PLATES, BANDS, JOISTS, AND STAGGERED AT 3" O.C. PANELS SHALL EXTEND 12" BEYOND CONSTRUCTION JOINTS AND SHALL OVERLAP GIRDERS AND DOUBLE ALL PLATES THEIR BULL DEPTH REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION

BETWEEN WINDOW UNITS.

2x8 WALL-(4) 2 x 4 OR 7x6 WALL PROVIDE (2) KING STUDS ELEVATION A EA END OF WINDOWS -(5) 2 x 6 BALLOON FRAMED FASTEN W/ SIMPSON CSIG ROOF TRUSSES ENG BY OTHERS 2 x 6 4 16" OC. BALLOON FRAMED WALL FROM BELOW

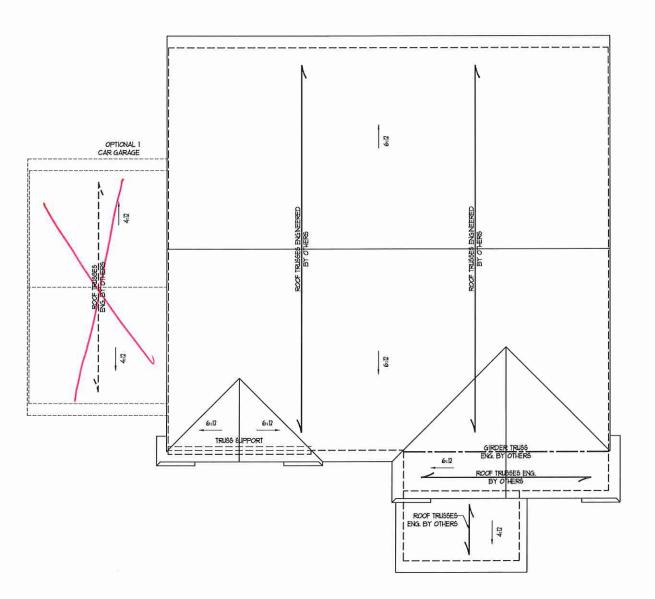
ELEVATION C

NO STRUCTURAL CHANGES w/ OPT. OWNER'S BATH I



SEAL W G. S 3/6/2020

"TSP" INDICATES DOUBLE STUD POCKET



ELEVATION A

SCALE NOTE:

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

STRUCTURAL NOTES:

- STRICTURAL NOTES:

 ALL FRAMING LUMBER TO BE 9
 SFF (UNO).
 C CIRCLES DENOTE (3) 2 x 4 POSTS
 FOR ROOF SUPPORT.
 FRAME DORNER WALLS ON TOP
 OF DOUBLE OR TIMPLE RAFTERS.
 HIPSPLICES ARE TO BE SPACED
 A MIN. OF 8-0°, FASTEN
 MEMBERS WITH THREE ROUS OF
 12d NAILS 9 16" O.C. (TYP)
 STICK FRAME OVER-FRAMED
 ROOF SECTIONS W/2 x 8 RIDGES,
 2 x 6 RAFTERS 9 (16" O.C. (AVD
 H.AT 2 x 10" VALLEYS OR USE
 VALLEY TRUSSES.
 FASTEN H.AT VALLEYS TO
 RAFTERS OR TRUSSES WITH
 SIMPSON HZSA HURRICANE
 TIES THROUGH NOTCH IN ROOF
 SHEATHING. EACH RAFTER 15 TO
 DE FASTENED TO THE FLAT
 VALLEY WITH A MIN. OF (6) 12d
 TOE NAILS.
 REFER TO SECTION REW2] OF THE
 2018 NORCE FOR REGUIRED UPLIFT
 RESISTANCE AT RAFTERS AND
 TRUSSES.
 REFER TO SECTION REW2] OF THE
 2018 NORCE FOR REGUIRED UPLIFT
 RESISTANCE AT RAFTERS AND
 TRUSSES.
 REFER TO NOTES AND DETAIL
 STRUCTURAL INFORMATION.



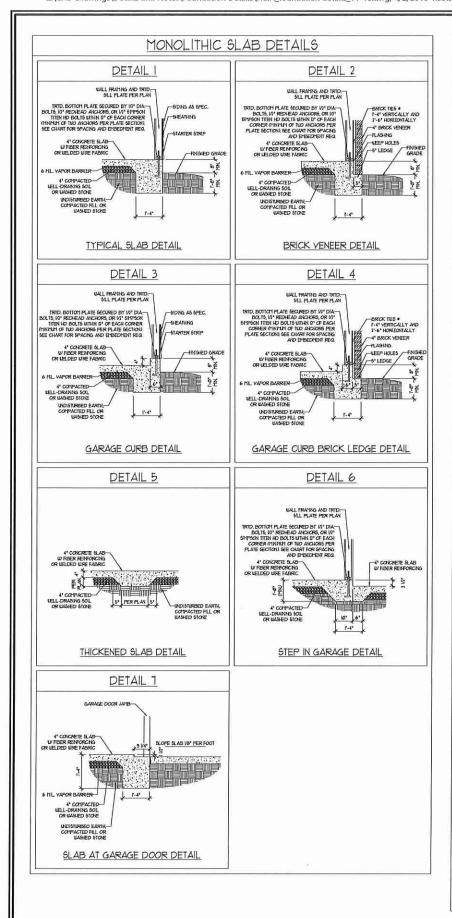
WAYFARE & H HOMES



DATE: MARCH 6, 2020 SCALE: 1/4" - 1'0"

> DRAWN BY, DAVIS DEWS DESIGNA ENGINEERED BY: WFB

SHEET: 6 OF 7 S-4a ROOF FRAMING PLAN



STEMWALL	_ DETAILS				
DETAIL I	OPTIONAL DETAIL I				
WILL FAPEN AND FRID. SOLE OF THE PERFECT PLAN BOLLS ON INSARED ROOM UNITED OF BOLLS ON INSARED ROOM UNITED NEAR AND FROM THE RECEIVED RECEIVED ROOM OF BOLLS ON INSARED ROOM	WILL FRYING AND TRID. BUILT FRYING AND TRID. BUILT BUTTON I ALT SCORED BY 19" DIA- BOLTS ON TREADED ROOS LINING 10" OF BOLT ON THE PLANT SCORED BY 19" DIA- B				
TYPICAL STEM WALL DETAIL (w/ OPTIONAL WATERTABLE)	OPTIONAL STEM WALL DETAIL				
DETAIL 2	DETAIL 3				
WILL FRANCE AND TRID. SILE PLATE FEER PLATE SILE DOTTON PLATE FEER PLATE SILE OF THE SILE PLATE PEER PLATE BOLTO OR DISEASED RODA UNIN PLOT BOLTO OR DISEASED RODA UNIN PLOT BOLTO OR DISEASED RODA UNIN PLOT BOLTO OR PREMIORATION FER PLATE SECTION SEE CHART FOR FER PLATE SECTION SEE A "COPPACIED BLOW BUSINESSED BANNES COPPACIED BLOW USUS RESPONDED BANNES COPPACIED BLOW USE SEED STORE TOP THE CORNES OF SEPTIMENT WILL AND ALL CELLS W RENT. TO BE GROWED SOLD. CONT. CONC. FIG. TOP THE CORNES OF SEPTIMENT FOR THE CORNES OF SEPTIMEN	WILL RAYING AD TRID WILL PRAYING AD TRID BOLLS OR NEWLOW ROOD, WINN BY OF EACH CORNER WINNESS OF SHEP WILL PRAYING AD THE CARRY OR ON VEILE ALAB DYPASSON DYPASSON WILL PRAYING AD WILL PRAYING WILL PRAYI				
TYPICAL STEM WALL FND. W/ BRICK DETAIL	TYPICAL STEM WALL FND, DETAIL W/ CURB # GARAGE				
OPTIONAL DETAIL 3	DETAIL 4				
3 x 6 BALL RAPPIS AND TRID. 51. F SALL FRAPS AND TRID. 61. SALL FRAPS AND TRID. 61. SALL FRANCIS AND TRID. 62. SALL FRANCIS AND TRID. 63. SEE THE ACCOUNT FRANCIS AND TRID. 64. CONCRETE SLAD. 65. SALL FRANCIS AND TRID. 65. SEE THE ACCOUNT FRANCIS AND TRID. 65. SALL FRANCIS AND TRID. 66. SALL FRANCIS	WELL REACHS AND INTO- SELP FAIR FEAT HAN SELP FAIR FEAT HAN INTO, BOTTOM FLATE SCORED BY 19" DIA- BOOK TES 4 1-4" MENTICALLY AND 2-6" HOSTOMALY FEAT FLATE SCHOOL SELECTION FOR FLATE SCHOOL SELECTION FOR FLATE SCHOOL SELECTION FOR HOSTOMALY 4" CONCRETE HAS EXPANSION ON HELDED HIS FLANK ON HIS FLANK ON HELDED HIS FLANK ON HIS FLAN				
OPTIONAL STEM WALL FND. DETAIL W/ CURB @ GARAGE	TYPICAL STEM WALL FND. DETAIL W/ BRICK AND CURB © GARAGE				
	DETAIL 8				
	NSIDE EDGE OF IN ANCHOR ROD SPACED FER TABLE LADDER WRE FER DETAIL BRICK MASONRY GUISIDE EDGE OF BRICK AND STICK FRATED WALL ABOVE NOTCH BRICK OF THEADED ROD AND GROUT GOLD THEE ADED BOOD THEOLOGICAL BRICK MASONRY				

THREADED ROD THROUGH BRICK MASONRY

	100.000.000.100.000.000	Market Carlo State Section	1590.00000000000000000000000000000000000		
WALL HEIGHT (FEET)	MASONRY WALL TYPE				
	8° CHU	4" BRICK AND 4" CMJ	4" BRICK AND 8" CMJ	13, CUM	
2 AND BELOW	UNGROUTED	GROUT SOLID	UNGROUTED	UNGROUTED	
3	UNGROUTED	GROUT SOLID	UNGROUTED	UNGROUTED	
4	GROUT SOLID	GROUT SOLID u/ *4 REBAR # 48" O.C.	GROUT SOLID	GROUT SOLID W 14 REBAR # 64" O.C.	
5	GROUT SOLID w/ *4 REBAR # 36* O.C.	NOT APPLICABLE	GROUT SOLID e/ 14 REBAR # 36* O.C.	GROUT SOLID # 44 REBAR # 64" O.C.	
6	GROUT SOLID w/ *4 REBAR # 24" O.C.	NOT APPLICABLE	GROUT SOLID w/ 14 REBAR # 241 O.C.	GROUT SOLID W/ 14 REBAR # 641 O.C.	
1 AND GREATER	ENGINEERED DESIGN BASED ON SITE CONDITIONS				

STRUCTURAL NOTES:

L. WALL HEIGHT MEASURED FROM TOP OF POOTING TO TOP OF THE WALL.

2. THE MALTIPLE WITHER TOGETHER WITH LADDER WHER AT 16" OC. VERTICALLY.

3. CHART APPLICABLE FOR HOUSE FORMOLITH ONLY, CONSULT ENGINEER FOR DESIGN OF GARAGE FOUNDATION NOT COMPON TO HOUSE.

4. BACKPILL OF CLEAN PST / PST WASHED STONE IS ALLOWABLE.

5. BACKPILL OF WILL IDPARISOD OR SAMD - CRAVEL THIKINGE SOLIS, (145 PSF.FT BELOW GRADE).

CLASSIFICH AS GROWP I ACCORDING TO WHIED SOLIS CLASSIFICATION STSTEM IN ACCORDANCE WITH LABILE RAGIO OF THE 10'80 INTERVALIDAD, RESIDENTIAL CODE ARE ALLOWABLE.

6. PREP 9.1.49 FEW 2006-21 AND 18:266-22 BASE OF THE 20'80 INTERVALIDADA, RESIDENTIAL CODE.

TINIMITA 2"-LAP SPLICE LEWITH.

1. LOCATE REBAR IN CENTER OF FOUNDATION WALL.

WHERE REGUIREO, HELD BLOOK SOLID WITH TYPE 15" MORTAR OR 3:000 PSI GROUT, USE OF "LOW LET GROUTING" NETHOD REQUIRED WHEN FILLING WALLS WITH GROUT AT HEIGHTS OF 5" AND GREATER

AN	ICHOR SPACING AN	D EMBEDMENT
WIND ZONE	120 MPH	130 МРН
SPACING	6'-Ø" OC.	4-0° oc.
EMBEDMENT	7.	15" INTO MASONRY 1" INTO CONCRETE





YANYANYANYANYANY

WIND MPH ULTIMATE DESIGN FOUNDATION DETAILS MPH - 130

DATE: NOVEMBER 14, 2018 DRAWN BY IST

NGINEERED BY: JES

D-1

FOUNDATION DETAILS

ALL EXTERIOR WALLS ARE TO BE SHEATHED WITH CS-USP IN ACCORDANCE WITH SECTION R602103 UNLESS NOTED 6. ALL EXTERIOR AND INTERIOR WALLS TO HAVE 1/2" GYPSUM INSTALLED, WHEN NOT USING METHOD "GB", GYPSUM TO BE FASTENED PER TABLE R102.35, METHOD GB TO BE FASTENED PER TABLE R602.10.1 CS-USP REFERS TO THE "CONTINUOUS SHEATHING - WOOD STRUCTURAL PANELS" WALL BRACING METHOD. THIS "OSB SHEATHING 19 TO BE INSTALLED ON ALL EXTERIOR WALLS ATTACHED W/ 6d COMMON NAILS OR 8d (2 1/2" LONG X Ø)13" DIAMETER) NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD (UND.). GB REFERS TO THE "GYPSUM BOARD" WALL BRACING METHOD. 1/2" (MINU GYPSUM WALL BOARD IS TO BE INSTALLED ON BOTH SIDES OF THE BRACED WALL FASTENED WITH I 1/4" SCREWS OR I 5/8" NAILS & PRACED TO OC. ALONG PANEL EDGES INCLUDING TOP AND BOTTOM PLATES AND INTERMEDIATE SUPPORTS (UN.O.), VERIFY ALL FASTENER OPTIONS FOR IZ! AND 5/6" GYPSUM PRIOR TO CONSTRUCTION. FOR INTERIOR FASTENER OPTIONS SEE TABLE R102.35, FOR EXTERIOR FASTENER IONS SEE TABLE R6@13(1). EXTERIOR GB TO BE INSTALLED VERTICALLY REQUIRED BRACED WALL LENGTH FOR EACH SIDE OF THE CIRCUMSCRIBED RECTANGLE ARE INTERPOLATED PER TABLE R6/02, 103, METHOD CS-WSP CONTRIBUTES ITS ACTUAL LENGTH, METHOD GB CONTRIBUTES 5 ITS ACTUAL LENGTH, AND -HEADER PER PLAN CONTINUOUS TO CORNER UNLESS NOTED OTHERWISE ON PLANS. IF HEADER IS NOT CONTINUOUS TO CORNER, BLOCK BETWEEN STUDS FROM END OF HEADER TO CORNER OF WALL w/ 2 x 12 BLOCKING AND CONTINUE NAILING PATTERN AS SHOUN FASTEN TOP PLATE TO HEADER WITH (2) ROUS OF 16d SINKER NAILS # 3" OC. -(2) SIMPSON CSIG COIL STRAPS W/ 18" END LENGTHS INSTALLED ON INSIDE OF WALL - FDGE OF CONTINUOUS 4" x 8" SHEET OF SHEATHING INSTALL 1/16" OBS SHEATHING ON OUTSIDE OF BRACED WALLS (AND INSIDE FACE WHERE NOTED ON THE PLANS). ATTACH OSB WITH 8d NAILS 3" O.C. ALONG EDGES. INTERMEDIATE STUDS, AND PLATES, WHERE SHEATHING LAPS HEADER DIRECTLY ABOVE BRACED WALL PANEL, 8d NAILS ARE TO BE SPACED IN A 3" O.C. GRID PATTERN AS SHOWN AND 6" O.C. IN THE FIELD ABOVE THE OPENING, INSIDE SHEET(6) (IF INSTALLED) WILL TERMINATE AT THE CEILING LINE (TYP. FOR A PANEL SPLICE (IF NEEDED), PANEL EDGES SHALL OCCUR OVER AND BE NAILED TO CONTION BLOCKING ONE ROW OF BO NAILS • 3" OC. ALONG EA PAVEL EDGE. -Min 2 x 4 studs with pony wall height up to 2' Min 2 x 6 studs with pony wall height greater than 2' PER BOTTOM PLATE SECURED BY 1/2" DIA BOLTS w/ 2" x 2" x 3/16" PLATE WASHERS (MIN) BOLTS TO BE INSTALLED WITHIN 12" OF THE ENDS OF EACH PLATE (MIN, OF TWO ANCHORS PER PLATE SECTION), FOR MASONRY STEMUALL CONSTRUCTION OPTIONS. SEE EIG PARINAS -CONCRETE OR MASONRY BLOCK FOUNDATION. OVER CONCRETE OR MASONRY BLOCK FOUNDATION SIMPSON LTP4 ANCHOR AT EACH END OF THE PORTAL FRAME PANEL - WOOD STRUCTURAL PANEL SHEATHING OVER APPROVED BAND OR RIM JOIST OVER RAISED WOOD FLOOR - FRAMING ANCHOR OPTION · APPLICABLE W GREATER THAN 12" KNEE WALL HEIGHTS IN CRAWL SPACE AND ABOVE FRAMED BASEMENT WALLS • METHOD PF-PORTAL FRAME DETAIL (1)

GENERAL WALL BRACING NOTES:

BRACED EXTERIOR WALLS SUPPORTING ROOF TRUSSES AND RAFTERS, INCLUDING STORIES BELOW THE TOP FLOOR HAVE

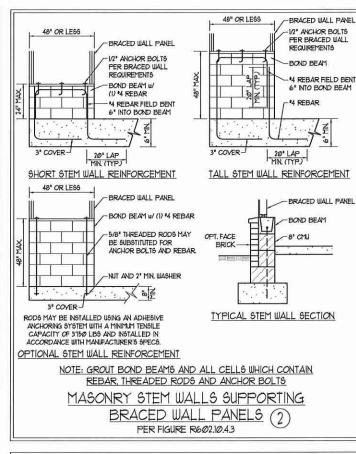
BEEN DESIGNED PER R60/35 (3), WALL SHEATHING AND FASTENERS HAVE BEEN DESIGNED TO RESIST COMBINED UPLIFT AND SHEAR FORCES IN ACCORDANCE WITH ACCEPTED ENGINEERED PRACTICE.

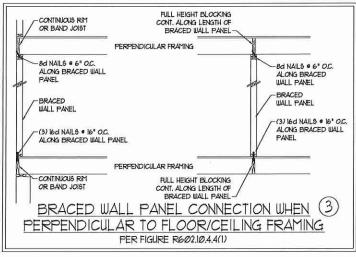
SEE STRUCTURAL SHEETS FOR BRACED WALL LOCATIONS DIMENSIONS HOLD DOWN TYPE AND LOCATIONS BRACED WALL

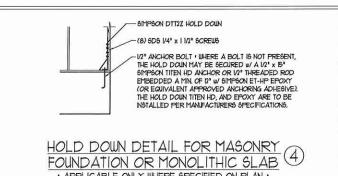
LINE KEY WITH WALL DESIGN SUMMARY OF REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES

WALL BRACING DESIGNED IN ACCORDANCE WITH CHAPTER 6 OF THE 2018 NC RESIDENTIAL BUILDING CODE (NCRC).

TABLES AND FIGURES REFERENCED ARE FROM THE 2018 NORC.
SEE THIS SHEET FOR GENERAL DETAILS. REFER TO THE 2018 NORC FOR ADDITIONAL INFORMATION AS NEEDED.







· APPLICABLE ONLY WHERE SPECIFIED ON PLAN

TYPICAL EXTERIOR CORNER FRAMING FOR CONTINUOUS SHEATHING (5) PER FIGURE R602.103(5) MIN 24" WOOD STRUCTURAL SEE TABLE R6/02:3(1) PANEL AN BOO LB HOLD DOWN DEVICE MAY BE INSTALLED IN ORIENTATION OF STUD MAY VARY, SEE FIGURE R6023(2) 16d NAIL (3 1/2" x Ø.131") GYPSUM WALLBOARD AS REQUIRED AND INSTALLED IN ACCORDANCE WITH CHAPTER 1 (TYP) OPTIONAL NON-STRUCTURAL - CONTINUOUS WOOD STRUCTURAL PANEL BRACED WALL LINE BOD EAST TO THE TOTAL LINE FILLER PANEL (a) OUTSIDE CORNER DETAIL (5a) ORIENTATION OF STUD MAY ARY. SEE FIGURE R6023/2 16d NAIL (3 1/2" x Ø.131") -CONTINUOUS WOOD STRUCTURAL PANEL BRACED WALL LINE SEE TABLE R6023(1) GYPSIM IIIAH I BOARD AS FOR FASTENING N ACCORDANCE WITH MIN 24" WOOD STRUCTURAL PANEL CORNER PETITION AN AMAIL BLUOID CHAPTER 1 (TYP.) IN LIEU OF CORNER RETURN (b) INSIDE CORNER DETAIL (5b) GYPSUM WALLBOARD AS REQUIRED - SEE TABLE R6@23(1) AND INSTALLED IN ACCORDANCE FOR FASTENING 16d NAII (3 10" x @131") (2 ROUS # 24" O.C. MIN. 24" WOOD STRUCTURAL SHEATHING PER PLAN PANEL CORNER RETURN AN 800 LB HOLD DOWN DEVICE MAY BE NSTALLED IN LIEU OF CORNER RETURN CONTINUOUS WOOD FASTENERS ON EACH STUD 50 STRUCTURAL PANEL BRACED WALL LINE AT EACH PANEL EDGE

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

- CONTINUOUS RIM OR BAND JOIST

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

BRACED WALL PANEL

BRACED WALL PANEL

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

ALONG BRACED WALL PANEL

CONTINUOUS RIM W/ FINGER

STRUCTURAL INFORMATION OR ALTERNATE CONFIGURATIONS)

BRACED WALL PANEL CONNECTION WHEN

ADDITIONAL FRAMING

MEMBER DIRECTLY ABOVE BRACED WALL PANEL

8d NAILS # 6" OC ALONG

-BRACED WALL PANEL

(3) 16d NAILS . 16" OC.

DADDITIONAL FRAMING

BRACED WALL PANEL

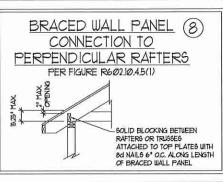
MEMBER DIRECTLY BELOW

ALONG BRACED WALL PANEL

PARALLEL TO FLOOR/CEILING FRAMING

PER FIG. R602.10.4.4(2)

SCALE NOTE: LARGE FORMAT PRINTS ARE TO SCALE AS NOTED. II" x IT" PRINTS ARE ONE HALF THE NOTED SCALE KING STILDS BETWEEN GARAGE HEADERS PER PLAN PORTAL FRAME ARAGE HEADER PER PLAN JACK STUDS SUPPORTING PORTAL FRAME CONNECTION DETAIL BETWEEN GARAGE DOOR HEADERS REFERENCE PORTAL FRAME DETAIL FOR ALL OTHER PORTAL FRAME INFORMATION)



BRACED WALL PANEL CONNECTION TO PERPENDICULAR ROOF TRUSSES (9)PER FIGURE R602.10.45(3) OR ALTERNATIVE: FIGURE R6@2.1@.4.5(2)) 2 x BLOCKING WILING PER TABLE 6'-0" MAX

FULL HEIGHT BLOCKING . 16" O.C. ALONG LENGTH OF CARO SEAL EW G. *********** 3/6/2020

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WIND STAILS

DESIGN W S AND DET

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D-2 BRACED WALL NOTES AND DETAILS AND PF DETAILS

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BILL DEIGHT BY OCKING &

BRACED WALL PANEL

TOE NAIL (3) 8d NAILS AT

BRACED WALL PANEL

(3) IEC NAILS # 16" OC.

BRACED WALL PANEL

(2) led NAILS EA SIDE

AT EA BLOCKING

MEMBER

6" O.C. ALONG LENGTH OF

SCALE NOTE:

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

O Siries

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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 WITH THE CONTRACT DOCUMENTS.
- 3. STRUCTURAL DESIGN BASED ON THE PROVISIONS OF THE NCRC, 2018 EDITION (R301.4 R301.1)

DESIGN CRITERIA:	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION (IN)
ATTIC WITH LIMITED STORAGE	20	10	L/240 (L/360 w/ BRITTLE FINISHES)
ATTIC WITHOUT STORAGE	10	10	L/360
DECKS	40	10	L/36Ø
EXTERIOR BALCONIES	40	10	L/36Ø
FIRE ESCAPES	40	10	L/36Ø
HANDRAILS/GUARDRAILS	200 LB OR 50 (PLF)	10	L/36Ø
PASSENGER VEHICLE GARAGE	5Ø	10	L/360
ROOMS OTHER THAN SLEEPING ROOM	40	10	L/36Ø
SLEEPING ROOMS	30	10	L/360
STAIRS	40	10	L/360
WIND LOAD	(BASED ON TABLE R3Ø12)	4) WIND ZONE AND EXPOSURE)	
GROUND BNOW LOAD: Pg	2Ø (P8F)		

- I-JOIST SYSTEMS DESIGNED WITH 12 PSF DEAD LOAD AND DEFLECTION (IN) OF L/480
- FLOOR TRUSS SYSTEMS DESIGNED WITH IS PSF DEAD LOAD
- 4. FOR 115 AND 120 MPH WIND ZONES, FOUNDATION ANCHORAGE 15 TO COMPLY WITH SECTION R40316 OF THE NORC, 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. 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 BLABS AND FOOTINGS, THE AREA WITHIN THE PERIMETER OF THE BUILDING ENVELOPE SHALL HAVE ALL VEGETATION, TOP SOIL AND FOREIGN MATERIAL REMOVED. FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL. THE FILL SHALL BE COMPACTED TO ASSURE UNIFORM SUPPORT OF THE SLAB, AND EXCEPT WHERE APPROVED, THE FILL DEPTHS SHALL NOT EXCEED 24" FOR CLEAN SAND OR GRAVEL. A 4" THICK BASED COURSE CONSISTING OF CLEAN GRADED SAND OR GRAVEL SHALL BE PLACED. A BASE COURSE IS NOT REQUIRED WHERE A CONCRETE SLAB IS INSTALLED ON WELL-DRAINED OR SAND-GRAVEL MIXTURE SOILS OF ASSISTED 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 \$1.4B (\$ AT OR BELOW WATER TABLE. IF PPLICABLE, 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 R4022 OF THE NCRC, 2018 EDITION CONCRETE REINFORCING STEEL TO BE ASTM A615 GRADE 60 WELDED WIRE FARRIC TO BE ASTM AUS. MAINTAIN A MINIMAN CONCRETE COVER AROUND REINFORCING STEEL OF 3" IN FOOTINGS AND 1/2" IN SLABS. FOR POURED CONCRETE WALLS, CONCRETE COVER FOR REINFORCING STEEL MEASURED FROM THE INSIDE FACE OF THE WALL SHALL NOT BE LEGS THAN 3/4", CONCRETE COVER FOR REINFORCING STEEL MEASURED FROM THE OUTSIDE FACE OF THE WALL SHALL NOT BE LEGS 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 402, MORTAR SHALL CONFORM
- 6. THE UNSUPPORTED HEIGHT OF MASONRY PIERS SHALL NOT EXCEED FOUR TIMES THEIR LEAST DIMENSION FOR WFILLED 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 5 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 R404 OF THE NCRC, 2018 EDITION OR IN ACCORDANCE WITH ACI 318, ACI 332, NCMA TR68-A OR ACE 530/ASCE 5/TMS 401. MASONRY FOUNDATION WALLS ARE TO BE REINFORCED PER TABLE R4041XI), R4041X2), R4041X3), OR R4041X4) OF THE NCRC, 2019 EDITION. CONCRETE FOUNDATION WALLS ARE TO BE REINFORCED FER TABLE R4041/(5) OF THE NCRC, 2019 EDITION. STEP CONCRETE FOUNDATION WALLS TO 2 x 6 FRAMED WALLS AT 16" OC WHERE GRADE PERMITS (INO).

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FRAMING NOTES

- L ALL FRAMING LUMBER SHALL BE 12 SFF MINIMUM (Fb = 815 PSI, Fv = 315 PSI, E = 16000000 PSI) UNLESS NOTED OTHERWISE (UNO). ALL TREATED LUMBER SHALL BE 12 SYP MINIMUM (Fb = 915 PS), Fy = 115 PS), E = 16000000 PS)) 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: Po = 2375 PSI, Fv = 310 PSI, E = 15500000 PSI. PARALLEL STRAND LUMBER (PSL) UP TO 1" DEPTH SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fc = 25000 PSI, E =18000000 PSI PARALLEL STRAND LUMBER (PSL) MORE THAN 1" DEPTH SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: FC = 29000 PSI, E = 200000000 PSI. INSTALL ALL CONNECTIONS FER MANUFACTURER'S SPECIFICATIONS.
- 3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS

W AND WT SHAPES: CHANNELS AND ANGLES: ASTM A36 PLATES AND BARS: ASTM A36 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 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 (UNO)

(2) 1/2" DIA x 4" LONG LAG SCREUS A WOOD FRAMING B CONCRETE (2) I/2" DIA x 4" ILEDGE ANCHORS

(2) 1/2" DIA x 4" LONG 6MPSON TITEN HD ANCHORS C. MASONRY (FULLY GROUTED)

LATERAL SUPPORT IS CONSIDERED ADEQUATE PROVIDING THE JOISTS ARE FOR NAILED TO THE 2x NAILER ON TOP OF THE STEEL BEAM, AND THE 2x NAILER IS SECURED TO THE TOP OF THE STEEL BEAM of (2) ROUS OF SELF TAPPING SCREUS 4 16" O.C. OR (2) ROUS OF 1/2" DIAMETER BOLTS . IG OC. IF 1/2" BOLTS ARE USED TO FASTEN THE NAILER, THE STEEL BEAM SHALL BE FABRICATED w/ (2) ROWS OF 9/16" DIAMETER

- 5. SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION SHADED SQUARES DENOTE POINT LOADS
- 6. ALL LOAD BEARING HEADERS TO CONFORM TO TABLE R602.7(1) AND R602.7(2) OF THE NCRC, 2018 EDITION OR BE (2) 2 x 6 WITH (1) JACK AND (1) KING STUD EACH END (UNO), UHICHEYER 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 R6/27.15 OF THE NORTH
- 1. ALL BEAMS, HEADERS, OR GIRDER TRUSSES PARALLEL TO WALL ARE TO BEAR FULLY ON (1) JACK OR (2) STUDS MINIMUM OR THE NUMBER OF JACKS OR STUDS NOTED. ALL BEAMS OR GIRDER TRUSSES PERFENDICULAR TO WALL AND SUPPORTED BY (3) STUDS OR LESS ARE TO HAVE I V/2* MINIMUM BEARING (UNO). 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).
- 6. FLITCH BEAMS SHALL BE BOLTED TOGETHER USING 1/2" DIAMETER BOLTS (ASTM A3/01) 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
- 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.
- IØ, BRACED WALL PANELS SHALL BE CONSTRUCTED ACCORDING TO THE NORTH CAROLINA RESIDENTIAL CODE 2019 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 I-JOISTS PER MANUFACTURER'S SPECIFICATIONS. INSTALL BLOCKING BETWEEN JOISTS OR TRUSSES FOR POINT LOAD SUPPORT
- 12. 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" MINIMM EMBEDMENT AT SIDES FOR BRICK SUPPORT (UN.O.). FOR ALL HEADERS 8'-0" AND GREATER IN LENGTH, BOLT A 6" x 4" x 5/16" STEEL ANGLE TO HEADER WITH I/2" LAG SCREWS AT 12" O.C. STAGGERED FOR BRICK SUPPORT. FOR ALL BRICK SUPPORT AT ROOF LINES, BOLT A 6" x 4" x 5/16" STEEL ANGLE TO (2) 2 x 10 BLOCKING INSTALLED W (4) 12d NAILS EA PLY BETHEEN WALL STUDS WITH (2) ROUS OF 1/2" LAG SCREUS AT 7º OC STAGGERED AND IN ACCORDANCE WITH SECTION RT03821 OF THE NORG 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 OF 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
- 14. FOR TRUSSED ROOFS: FRAME DORMER WALLS ON TOP OF 2 x 4 LADDER FRAMING AT 24" O.C. DETWEEN 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 CONVECTORS TOP AND BOTTOM (UNO.) POSTS MAY BE SECURED USING ONE SIMPSON HIS OR LITSIZUPLIFT CONNECTOR FASTENED TO THE BAND AT THE BOTTOM AND THE BEAM AT THE TOP OF EACH POST, ONE 16" SECTION OF SIMPSON CS16 COIL STRAPPING WITH (8) 8d HDG NAILS AT EACH END MAY BE USED IN LIEU OF EACH TURST STRAP IF DESIRED. FOR MASONRY OR CONCRETE FOUNDATION USE SIMPSON POST BASE.

ERING.

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