COLLEX405INVENTORYMARKEDPLAN

CARDINAL

CARDINAL REVISION LIST - STRUCTURAL:

1.) CODE UPDATE TO 2018 NCRC (1-19)

2.) CALLED OUT I-JOIST SERIES/SPACING SECOND FLOOR FRAMING AND CRAWL. ADDED EXTRA JOISTS (1-19)

3.) CHANGED FLOOR JOIST LAYOUT OVER TO GARAGE TO 14" JOISTS IN LIEU OF 16" JOISTS (1-19)

4.) (2) 2 x 6 HEADERS WHERE APPLICABLE (1-19)

5.) 2 x 6 GARAGE WING WALLS AND (3) PLY HEADERS (1-19)

6.) DSP's to TSP's (1-19)

CARDINAL REVISION LIST - ARCHITECTURAL:

- I. CHANGED FRONT LOAD GARAGE DOOR EXTERIOR WALL AND NOTE TO REFLECT 2X6 WALL IN LIEU OF 2X4 WALL (11-18)
- 2. ADDED CLOSET SHELVING NOTES. (11-18)
- 3. ADDED LIGHT TO STAIRS SHEETS E-1 AND E-2 (11-18)
- 4. CHANGED ALL DOUBLE STUD POCKETS BETWEEN WINDOWS TO TRIPLE STUD POCKETS (11-18)
- 5. REMOVED ALL BRICK FRONT ELEVATIONS FROM ELEVATION OPTION SHEETS (11-18)
- 5. ADDED ONE CAR GARAGE OPTION AND WRAP PORCH OPTION TO ELEVATION OPTION SHEETS (11-18)
- 7. CHANGED GARAGE DOOR INSERTS FROM STOCKTON 2 TO STOCKTON 3 ON ALL "B" ELEVATIONS. (11-18)
- 8. CHANGED SIDING NOTES TO SPECIFY FIBER CEMENT SIDING ON A-4, B-4 AND C-4 ELEVATIONS. (11-18)
- 9. UPDATED FLOOR PLAN "WALL NOTES" (11-18)
- 10. MADE FIREPLACE AN OPTION AND MADE SINGLE WINDOW IN SAME LOCATION STANDARD (11-18)
- 11. UPDATED CUTSHEETS TO NEW FORMAT (11-18)

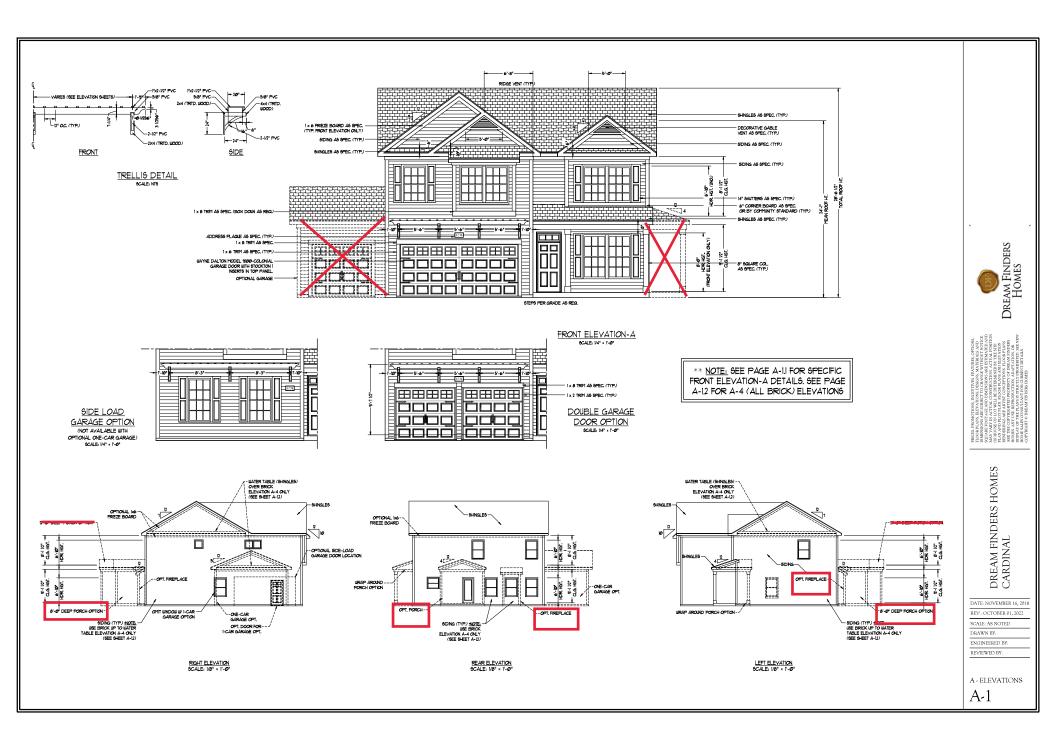
CHANGES ON 10-01-22

- 12. ADDED OPTIONAL 3/0 5/0 WINDOW TO SIDE OF HOUSE IN DINING ROOM
- 13. ADDED OPTIONAL DOUBLE OVEN TO KITCHEN FOR "GOURMET KITCHEN"

CHANGES ON 10-26-22

- 14. REMOVE CLOSET FROM FOYER
- 15. ROTATE POWDER AND PANTRY
- 16. MOVE DOOR IN KITCHEN, REMOVE ADJACENT 3/0 x 3/0 WINDOW
- 17. EXTEND THE KITCHEN COUNTERTOP AND LARGER ISLAND OPTION

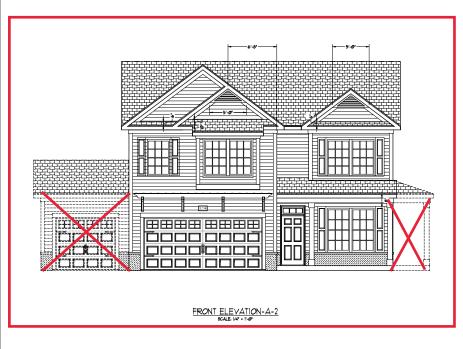
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REVIEWED BY:

A - ELEVATION OPTIONS

A-1.1

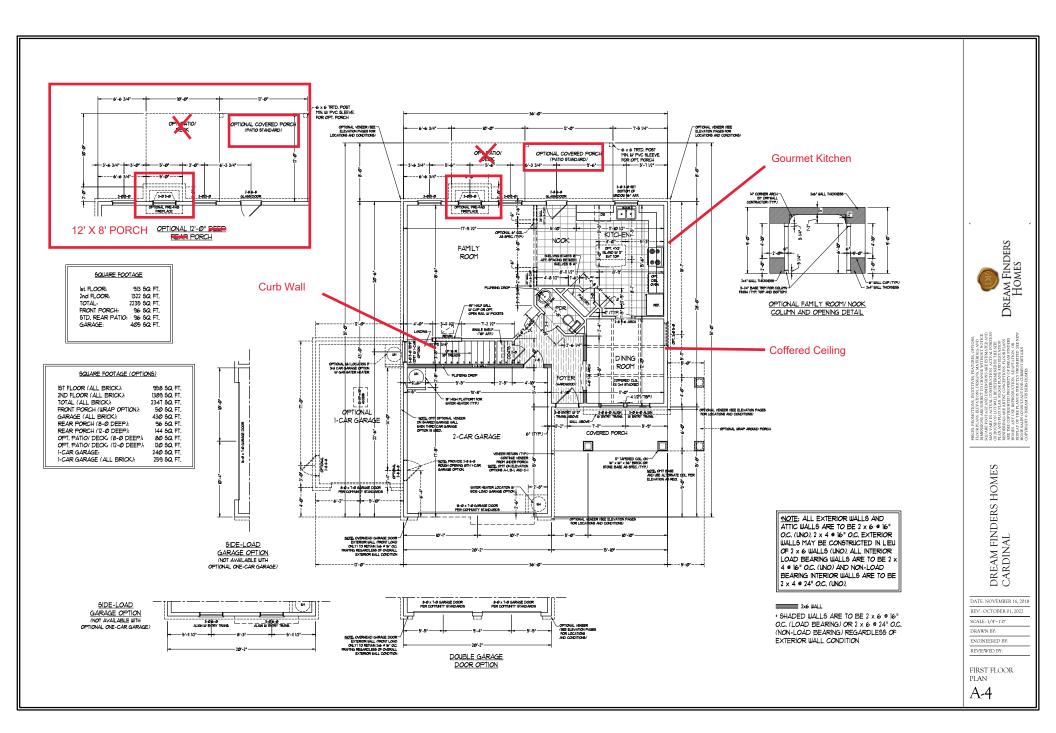




FRONT ELEVATION-A-1



FRONT ELEVATION-A-3



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DREAM FINDERS HOMES CARDINAL

DATE: NOVEMBER 16, 2018 REV:: OCTOBER 01, 2022

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

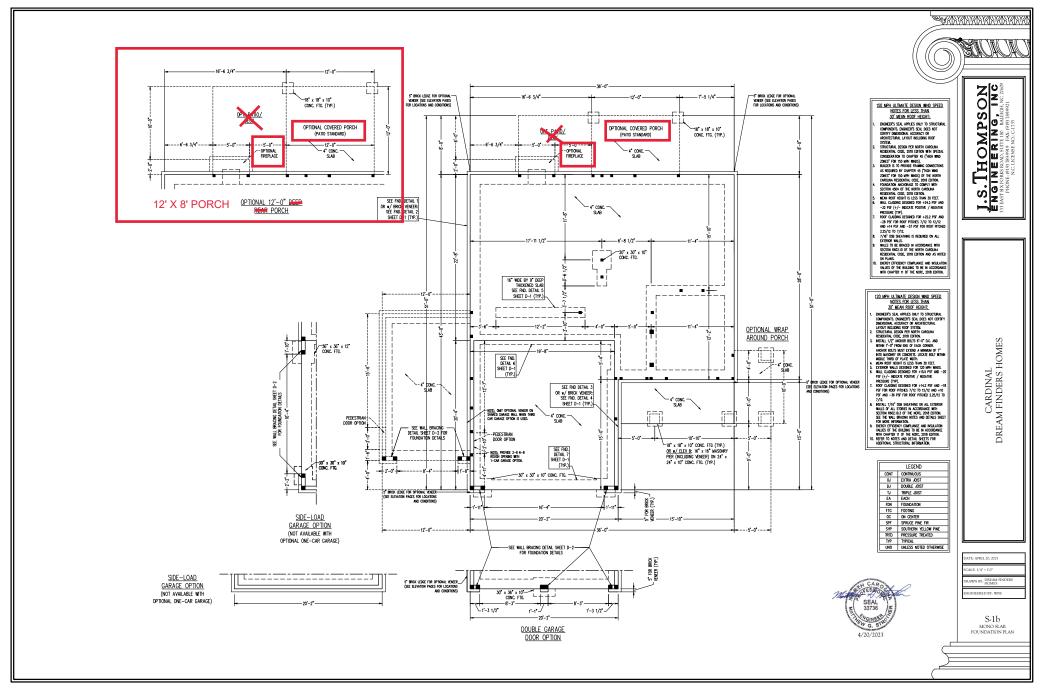
ENGINEERED BY:

SECOND FLOOR

PLAN
A-5

(NON-LOAD BEARING) REGARDLESS OF

EXTERIOR WALL CONDITION



GARAGE OPTION

(NOT AVAILABLE WITH OPTIONAL ONE-CAR GARAGE)

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

SEAL 33736

FILL BETWEEN HEADERS SOLID w/ KING STUDS.

DOUBLE GARAGE

DOOR OPTION

STRAP HDRS. TOGETHER W/ (2) 5' LONG SIMPSON CS16 COIL STRAPS INSTALLED TOP AND BOTTOM ON INSIDE FACE OF HDRS.

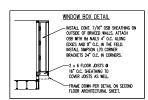
S-2

SINEERED BY: WFB

SECOND FLOOR FRAMING PLAN

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

TO BE 2 x 4 @ 24" O.C. (UNO).



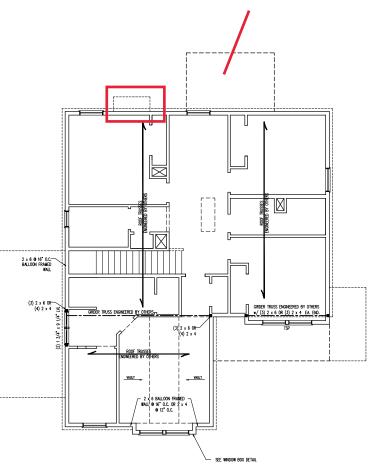
LINTEL SCHEDULE FOR BRICK/NATURAL STONE SUPPORT		
LENGTH (FT.)	SIZE OF LINTEL	
UP TO 4 FT.	L 3 1/2 x 3 1/2 x 1/4	
4-8	L 5 x 3 1/2 x 5/16 LLV	
8 AND GREATER	L 6 x 4 x 5/16 LLV	

BRICK SUPPORT NOTES:

- SERICA SEPECIA MAINES.

 INITIEL SCREENE FAPRES TO ALL OFFENDIS IN SERIO VINETA (MINO). SEE ARCH DIVES, FOR SEE ARCH LOCATION OF SERIO MINOS, FOR SEE ARCH LOCATION OF GENERAL AS LOCATION OF SEE ARCH LOCATION OF GENERAL AS LOCATION OF SERIO MINOS EN TO SEE ARCH LOCATION OF SERIO MAINES AND SERIO PROVIDE ELEMBRIA. THE MINOS AND SERIO PROVIDED AND SERIO SE

12' X 8' PORCH



BRACED WALL DESIGN NOTES:

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STRUCTURAL NOTES:

- ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED LUMBER TO BE SYP #2 (UNO.) ALL LOAD BEARING HEADERS TO BE (2) 2 x 6

HEADER SPAN (FEET)	MINIMUM NUMBER OF FULL HEIGHT STUDS (KINGS)
UP TO 3"	1
> 3' 10 6'	2
> 6' TO 9'	3
> 9° TO 12°	4
> 12' TO 15'	5

	LEGEND		
CONT	CONTINUOUS		
XT	EXTRA TRUSS		
TS	TRUSS SUPPORT		
EA	EACH		
()	NUMBER OF STUDS		
DSP	DOUBLE STUD POCKET		
TSP	TRIPLE STUD POCKET		
OC.	ON CENTER		
SPF	SPRUCE PINE FIR		
SYP	SOUTHERN YELLOW PINE		
TRTD	PRESSURE TREATED		
TYP	TYPICAL		
UNO	UNLESS NOTED OTHERWISE		

TE: APRIL 20, 2023

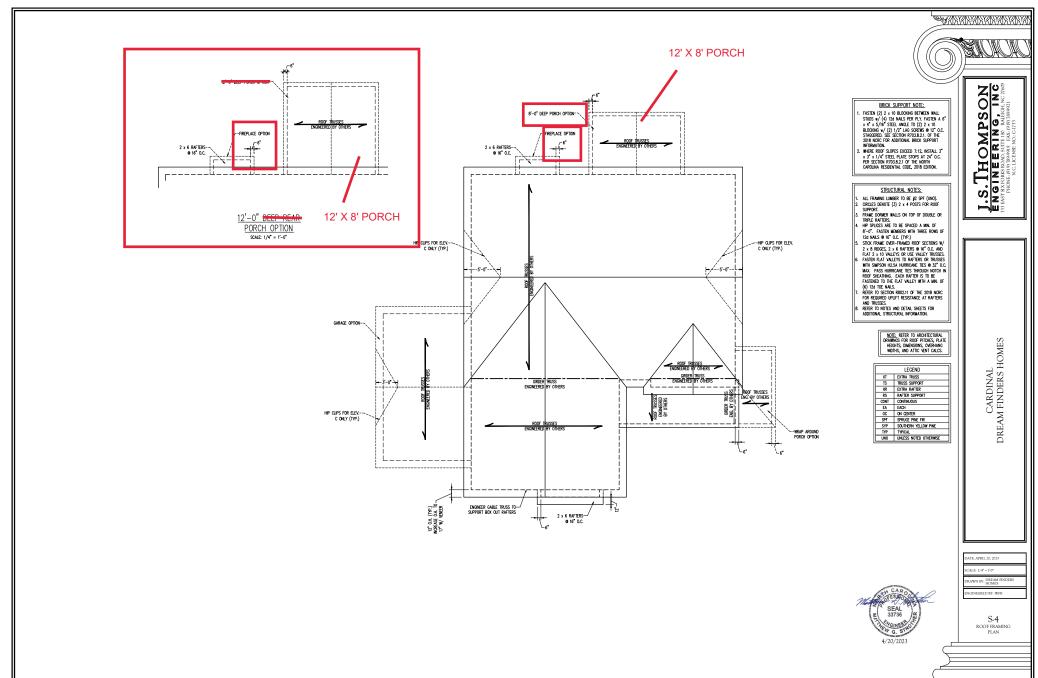
RAWN BY: DREAM HNDERS GINEERED BY: WFB

S-3

ATTIC FLOOR FRAMING PLAN

SON INC I.S. THOMPSC ENGINEERING, 1 111 INTERNATIONS OF EXCEPTING TAXAGE IN THE PROPERTY OF EXCEPTING TO THE PROPERTY OF THE PROPERTY

CARDINAL DREAM FINDERS HOMES

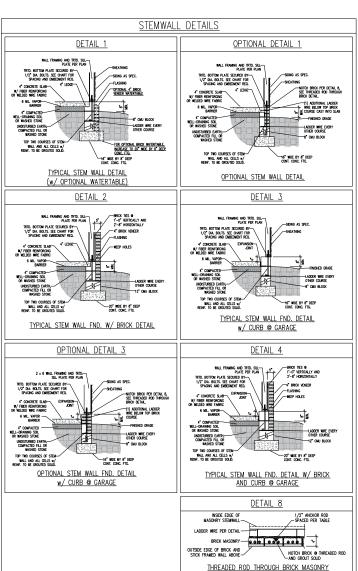




ENGINEERED BY: JST







MONOLITHIC SLAB DETAILS

DETAIL 2

1-4

1'-4"

GARAGE CURB BRICK LEDGE DETAIL

DETAIL 6

6 1-0 6 6

STEP IN GARAGE DETAIL

2-8 HOMEONIALT 4 BROCK VENEER

FLASHING

VEEP HOLES

FS LEDGE

TO S

BRICK VENEER DETAIL

DETAIL 4

TRTD. BOTTOM PLATE SECURED BY— 1/2" DIA. BOLTS. SEE CHART FOR SPACING AND EMBEDMENT REQ.

4" CONCRETE SLAB-

UNDISTURBED EARTH, COMPACTED— FILL OR WASHED STONE

COMPACTED WELL-DRAWING-

ANDISTURBED EARTH, COMPACTED—

TRTD. BOTTOM PLATE SECURED BY-1/2" DIA. BOLTS. SEE CHART FOR SPACING AND EMBEDMENT REQ.

4" CONCRETE SLAB W/ FIBER REINFORCING OR WELDED WIRE FABRIC

DETAIL 1

TYPICAL SLAB DETAIL

DETAIL 3

-SIDING AS SPEC

WALL FRAMING AND TRID. SILL— PLATE PER PLAN

GARAGE CURB DETAIL

DETAIL 5

5" PER PLAN 5"

THICKENED SLAB DETAIL

DETAIL 7

1-4

SLAB AT GARAGE DOOR DETAIL

SLOPE SLAB 1/8" PER FOOT \$

" CONCRETE SLAR-

6 ML VAPOR BARRIER

UNDISTURBED EARTH, COMPACTED—

4" CONCRETE SLAR-

6 ML VAPOR BARRIER

4" COMPACTED WELL-DRAINING

SOIL OR WASHED STONE

COMPACTED WELL-DRAINING-SOIL OR WASHED STONE

WALL FRAMING AND TRTD. SILL— PLATE PER PLAN

4" CONCRETE SLAB-

MASONRY STEMWALL SPECIFICATIONS				
WALL HEIGHT (FEET)	MASONRY WALL TYPE			
	8" CMU	4" BRICK AND 4" CMU	4" BRICK AND 8" CMU	12" CMU
2 AND BELOW	UNGROUTED	GROUT SOLID	UNGROUTED	UNGROUTED
3	UNGROUTED	GROUT SOLID	UNGROUTED	UNGROUTED
4	GROUT SOLID	GROUT SOLID w/ #4 REBAR @ 48" O.C.	GROUT SOLID	GROUT SOLID w/ #4 REBAR @ 64" O.C.
5	GROUT SOLID w/ #4 REBAR @ 36" O.C.	NOT APPLICABLE	GROUT SOLID w/ #4 REBAR @ 36* O.C.	GROUT SOLID #/ #4 REBAR @ 64" O.C.
6	GROUT SOLID w/ #4 REBAR @ 24" O.C.	NOT APPLICABLE	GROUT SOLID w/ #4 REBAR @ 24* O.C.	GROUT SOLID #/ #4 REBAR @ 64" O.C.

ENGINEERED DESIGN BASED ON SITE CONDITIONS

- WALL HEIGHT MEASURED FROM TOP OF FOOTING TO TOP OF THE WALL.
 TIE MULTPLE WYTHES TOGSTHER WITH LADGER WIRE AT 16" O.C. VERTICALLY.
 CHART APPLICABLE FOR HOUSE FOUNDATION ONLY, CONSULT ENGINEER FOR DESIGN OF GARAGE
 FOUNDATION NOT COMMON TO HOUSE.
- FOUNDATION HOT COMMON TO HOUSE.

 BOCKFILL OF CAMEN TO HOUSE SAME IS TONE IS ALLOWABLE.

 BOCKFILL OF WILL BRANDED OR SAME GRAVE, MOTHER SOLS (45 PS*/FT BELOW GRADE) CLASSIFIED AS GROUP I ACCORDANCE WITH <u>IRBIE RMSS.1</u> OF THE 2018 INTERNATIONAL RESIDENTIAL CODE ARE ALLOWABLE.

 FOR SAME PARE RESIDENTIAL CODE ARE ALLOWABLE.

 FOR SAME PARE RESIDENTIAL CODE ARE ALLOWABLE.

 FOR SAME PARE RESIDENTIAL CODE.

- MINIONIO 24 TO DESCRETA IN DISSISSION AND THE MEMORIAN WALL.
 LOCATE REBAR IN CENTER OF FOUNDATION WALL.
 LOCATE REBAR IN CENTER OF FOUNDATION WALL
 GROUTING METHOD REQUIRED WHEN FILLING WALLS WITH GROUT AT HEIGHTS OF 5' AND GREATER.

	ANCHOR SPACING AND EMBEDMENT			
	WIND ZONE	120 MPH	130 MPH	
	SPACING	6'-0" O.C. Install Min. (2) Anchors per Plate Section and (1) Anchor Within 12" of Corners	4'-0" O.C. Install Min. (2) Anchors per Plate Section and (1) Anchor Within 12" of Corners	
	EMBEDMENT	ァ	15" INTO MASONRY 7" INTO CONCRETE	

NOTE:

7 AND GREATER

Threaded roo with epoxy, smpson titen Hd, or approved anchors spaced as required to provide equivalent anchorage to $1/2^{\circ}$ diameter anchor bolts may be used in Lieu of $1/2^{\circ}$ anchor bolts.



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ATE: NOVEMBER 28, 2022

OKNEERED BY: IST

D-2 BRACED WALL NOTES AND DETAILS AND PF DETAIL

GENERAL WALL BRACING NOTES:

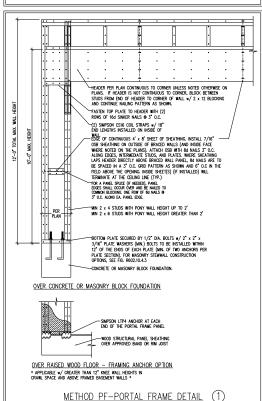
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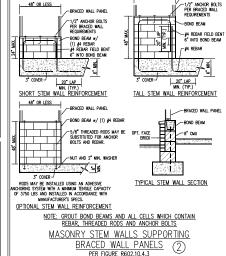
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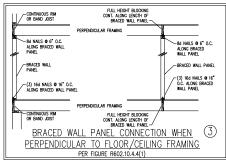
SECHARDING SI DIE CONTINUOUS SELENTING— WOUR STRUCTURE, THE SIZE WAS BUILDING ON THE CRESCHILD BUILDING CODE (ICNSC). THE COSTAND BONG WALL DETERM MUST ON THE CRESCHILD BUILDING CODE (ICNSC).

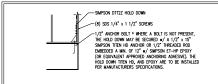
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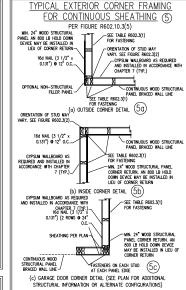
48* OR LESS ___ BRACED WALL PANEL

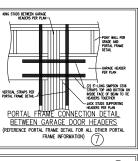


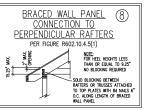


HOLD DOWN DETAIL FOR MASONRY FOUNDATION OR MONOLITHIC SLAB

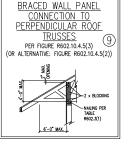
* APPLICABLE ONLY WHERE SPECIFIED ON PLAN *







BRACED WALL PANEL CONNECTION WHEN PARALLEL (6) TO FLOOR/CEILING FRAMING PER FIG. R602.10.4.4(2) FULL HEIGHT BLOCKING @ 16" O.C. ALONG LENGTH OF BRACED WALL PANEL 8d nails @ 6" O.C. Along -8d NAILS @ 6" O.C. ALONG BRACED WALL PANEL BRACED WALL PANEL -RRACED WALL PANEL -BRACED WALL PANEL (3) 16d NAILS @ 16* O.C. AT EA. BLOCKING WEMBER (3) 16d NAILS @ 16" O.C. -(3) 16d NAILS @ 16" O.C. ALONG BRACED WALL PANEL ALONG BRACED WALL PANEL (2) 16d NAILS EA. SIDE ADDITIONAL FRAMING MEMBER DIRECTLY BELOW BRACED WALL PANEL FULL HEIGHT BLOCKING & 16 O.C. ALONG LENGTH OF HOUS PIN w/ FINCES JOISTS OR DBL. BAND JOIST BRACED WALL PANEL



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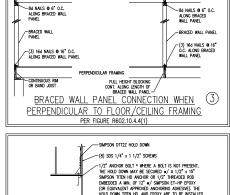
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1. ALL FRAMING LUMBER SHALL BE #2 SPF MINIMUM (Fb = 875 PSI, Fv = 375 PSI, E = 1600000 PSI) UNLESS NOTED OTHERWISE (UNO). ALL TREATED LUMBER SHALL BE #2 SYP MINIMUM (Fb = 975 PSI, Fv =175 PSI, E = 1600000 PSI) UNLESS NOTED OTHERWISE (UNO), LAMMATED VENEZE LUMBER (LVL) SHALL HAVE THE FOLLOWING MINAUM PROPERTIES: Fo =2000 PSI, Fv = 285 PSI, E = 1900000 PSI. LAMMATED STRAND LUMBER (LSL) SHALL HAVE THE FOLLOWING MINAUM PROPERTIES: Fo = 2025 PSI, F = 310 PSI, E = 150000 PSI. PARALLE STRAND LUMBER (PSI.) PTO 7 FORTH SHALL HAVE THE FOLLOWING MINAUM PROPERTIES: F = 2020 PSI, F = 1000000 PSI. PARALLEL STRAND LUMBER.

3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS

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

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

FRAMING NOTES

(PSL) MORE THAN 7" DEPTH SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fo = 2900 PSL E = 2000000 PSL. INSTALL ALL CONNECTIONS

B. CONCRETE (2) 1/2" DIA. x 4" WEDGE ANCHORS (2) 1/2" DIA. x 4" LONG SIMPSON TITEN HD ANCHORS C. MASONRY (FULLY GROUTED) (4) 3/4" DIA. A325 BOLTS OR 3/16" FILLET WELD D. STEEL PIPE COLUMN

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 $\mathbf{w}/(2)$ rows of self tapping screws \mathbf{o} 16" o.c. or (2) rows of 1/2" diameter bolts \mathbf{o} 16" o.c. if 1/2" bolts are used to fasten the nailer, the steel beam shall be fabricated $\mathbf{w}/(2)$ rows of 9/16" diameter holes \mathbf{o}

- 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 BEARING HEADERS TO CONFORM TO TABLE R602.7(1) AND R602.7(2) OF THE NORC, 2018 EDITION OR BE (2) 2 x 6 WITH (1) JACK AND (1) KING STUD EACH END (UNO), WHICHEVER IS GREATER ALL HEADERS TO BE SECURED TO EACH JACK STUD WITH (4) 8d NAILS. ALL BEAMS TO E SUPPORTED WITH (2) STUDS AT EACH BEARING POINT (UNO). INSTALL KING STUDS PER SECTION R602.7.5 OF THE NORTH CAROLINA
- 7. 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 GROER TRUSSES PERPENDICULAR TO WALL AND SUPPORTED BY (3) STUDS OR LESS ARE TO HAVE 1 1/2" MINMUM BEARING (UNO). ALL BEAMS OR GROER 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
- 8. FLITCH BEAMS SHALL BE BOLTED TOGETHER USING 1/2" DIAMETER BOLTS (ASTM A307) 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
- ALL 1-JOIST OR TRIUSS LAYOUTS ARE TO BE IN COMPLIANCE WITH THE OVERALL DESIGN SPECIFIED ON THE PLANS. ALL DEMATIONS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD PRIOR TO INSTALLATION.
- BRACED WALL PANELS SHALL BE CONSTRUCTED ACCORDING TO THE NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION WALL BRACING CRITERIA. THE
 AMOUNT, LENGTH, AND LOCATION OF BRACING SHALL COMPLY WITH ALL APPLICABLE TABLES IN SECTION R602.10.
- 11. PROVIDE DOUBLE JOIST UNDER ALL WALLS PARALLEL TO FLOOR JOISTS. PROVIDE SUPPORT UNDER ALL WALLS PARALLEL TO FLOOR TRUSSES OR I-JOISTS PER MANUFACTURER'S SPECIFICATIONS. INSTALL BLOCKING BETWEEN JOISTS OR TRUSSES FOR POINT LOAD SUPPORT FOR ALL POINT LOADS ALONG OFFSET LOAD LINES.
- 12. FOR ALL HEADERS SUPPORTING BRICK VENEER THAT ARE LESS THAN 8'-0" IN LENGTH REST A 6" v 4" v 5/16" STEEL ANGE WITH 6" MINIMUM TWA MLL PROJECTS SOFT WHITE DEBUT STATES THAT A MELLESS HAND SHE WE WERE AND STATES AND STEEL ANGLE TO (2) 2 x 10 BLOCKING INSTALLED \(\frac{1}{2}\) (4) 12d HALLS EA. PLY BETWEEN WALL STUDS WITH (2) ROWS OF 1/2" LAG SOREWS AT 12"

 O.C. STAGGERED AND IN ACCORDANCE WITH SECTION R703.8.2.1 OF THE NORC, 2018 EDITION.
- 13. FOR STICK FRANED ROOFS: CIRCLES DENOTE (3) 2 x 4 POSTS FOR ROOF MEMBER SUPPORT. HIP SPLICES ARE TO BE SPACED A MINIMUM OF 8'-0". FASTEN WEMBERS WITH THREE ROWS OF 12d NAILS AT 16" O.C. FRAME DORMER WALLS ON TOP OF DOUBLE OR TRIPLE RAFTERS AS SHOWN
- 14. FOR TRUSSED ROOFS: FRAME DORMER WALLS ON TOP OF 2 x 4 LADDER FRAMING AT 24" O.C. BETWEEN ADJACENT ROOF TRUSSES. STICK FRAME OVER-FRAMED ROOF SECTIONS WITH 2 x 8 RIDGES, 2 x 6 RAFTERS AT 16" O.C. AND FLAT 2 x 10 VALLEYS (UNO).
- ALL 4 × 4 AND 6 × 6 POSTS TO BE INSTALLED WITH 700 LB CAPACITY UPUFF CONNECTORS TOP AND BOTTOM (UND.) POSTS MAY BE SECURED USING ONE SUPPOSH OF BUTSE UPUFF CONNECTOR PISTENDED TO THE BAND AT THE BOTTOM AND THE BEAM AT THE TOP OF EACH POST. ONE TS SECTION OF SIMPSON COSTS COS. STAMPPING WITH (6) BUT ON BANDS AT LOOP BUT OF EACH POST. TO SECTION OF SIMPSON COSTS COS. STAMPPING WITH (6) BUT ON BANDS AT LOOP BUT OF EACH POST. FOR MASONRY OR CONCRETE FOUNDATION USE SIMPSON POST BASE.

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, GROER SYSTEM AND FOOTING. ENGINEER'S SEAL DOES NOT CRITIFY DIMENSIONAL ACCURACY OF ARCHITECTURAL LAYOUT INCLUDING ROOF. ENGINEER'S SEAL DOES NOT APPLY TO I-JOIST OR FLOOR/ROOF TRUSS LAYOUT DESIGN AND
- 2. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE NORTH CARGUMA RESIDENTIAL CODE (NORC), 2018 EDITION, PULS ALL LOCAL CODES AND REQUIATIONS. THE STRUCTUREM BIOREER IS NOT RESPONSIBLE FOR, AND MILL NOT HAVE CONTROL OF, CONSTRUCTION MERS, METHODS, TECHNOLISS, SEQUENCES OR PROPOZDURES, OR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK. NOR MILL THE DAMBERS BE RESPONSIBLE FOR THE CONTRICTION STATUSET OF CONSTRUCTION WORK. AND MILL THE CONSTRUCTION CONSTRUCTION OF THE CONTRICTION CONDENS.
- 3. STRUCTURAL DESIGN BASED ON THE PROVISIONS OF THE NCRC, 2018 EDITION (R301.4 R301.7)

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/360
EXTERIOR BALCONIES	40	10	L/360
FIRE ESCAPES	40	10	L/360
HANDRAILS/GUARDRAILS	200	10	L/360
PASSENGER VEHICLE GARAGE	50	10	L/360
ROOMS OTHER THAN SLEEPING ROOM	40	10	L/360
SLEEPING ROOMS	30	10	L/360
STAIRS	40	10	L/360
WIND LOAD	(BASED ON TABLE R301,2(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/480
 floor truss systems designed with 15 PSF Dead Load
- 4. FOR 115 AND 120 MPH WIND ZONES, FOUNDATION ANCHORAGE IS TO COMPLY WITH SECTION R403.1.6 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 NCRC, 2018 EDITION.
- 5. ENERGY EFFICIENCY COMPLIANCE AND INSULATION VALUES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER 11 OF THE NCRC, 2018 EDITION,

FOOTING AND FOUNDATION NOTES

- 1. FOUNDATION DESIGN BASED ON A MINIMUM ALLOWABLE BEARING CAPACITY OF 2000 PSF. CONTACT GEOTECHNICAL ENGINEER IF BEARING CAPACITY IS NOT ACMINISTRA
- 2. FOR ALL CONSIDETE SLABS AND FORDING, THE AREA, WHINE THE PRESENCE OF THE BULDING DIRECTOR SHALL HAVE ALL MECHANIC TO SOIL AND FORSION MARKEN. THE BULDING HE OWNERFOR THE STATE OF THE LINGHIE OF COMPONENT TO ASSISTE UNKNOW SEPPORT OF THE STAN, AND EXCEPT WARREN SEPPORT OF THE STAN, AND EXCEPT WARREN APPROVED THE FILL KEPING SHALL NOT EXCEPT OF THE OWNERFOR THE AREA. AND THE STAN SHALL SHALL
- 3. PROPERLY DEWATER EXCAVATION PRIOR TO POURING CONCRETE WHEN BOTTOM OF CONCRETE SLAB IS AT OR BELOW WATER TABLE. IF APPLICABLE, 3/4" 1" DEEP CONTROL JOINTS ARE TO BE SAMED WITHIN 4 TO 12 HOURS OF CONCRETE FINISHING AND WALL LOCATIONS HAVE BEEN MARKED. ADJUST INVERSE NECESSARY.
- 4. CONCRETE SHALL CONFORM TO SECTION RROZZ OF THE NORK, 2018 EDITION. CONCRETE REINFORCING STEEL TO BE ASTM ARIS GRADE 60. NELDED WIRE FRANCIS OR SEATH AND ASSESSMENT OF RESIDENCE OF A RECORD RESIDENCE OF A RESIDENC
- 5. MASONRY UNITS TO CONFORM TO ACE 530/ASCE 5/TMS 402. MORTAR SHALL CONFORM TO ASTM C270.
- 6. THE UNSUPPORTED HEIGHT OF MASONRY PIERS SHALL NOT EXCEED FOUR TIMES THEIR LEAST DIMENSION FOR UNFILLED HOLLOW CONCRETE MASONRY UNITS AND TON TIMES THEIR LEAST DIMENSION FOR SULD OR SOLID PIERD FIESD. FORS MAY BE FLIED SULD WITH CONCRETE OR TYPE M OR S 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 GROER SHALL BEAR IN THE MIDDLE THIRD OF THE PIERS.
- R404.1.1(5) OF THE NORC, 2018 EDITION. STEP CONCRETE FOUNDATION WALLS TO 2 x 6 FRAMED WALLS AT 16" O.C. WHERE GRADE PERMITS (UNO).

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