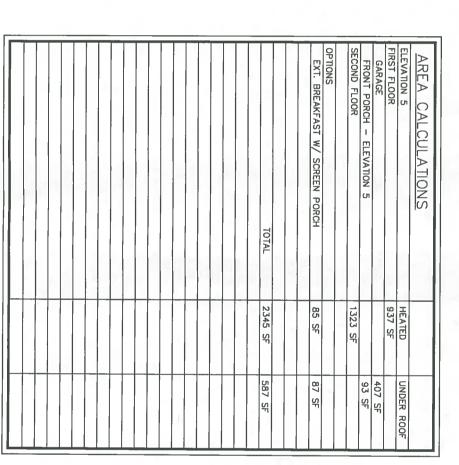
RALEIGH - LOT 00.0002 OLDE MILL VILLAGE (MODEL# 2223) ELEVATION 5 - GL

INDEX

64 THOMAS JOHNSON DR, STE 110 | FREDERICK, MARYLAND 21702 | (301) 696-0200



NOTICE TO CONTRACTOR All construction must comply with current NO Building Codes and is subject to field inspection and verification.

APPROVED

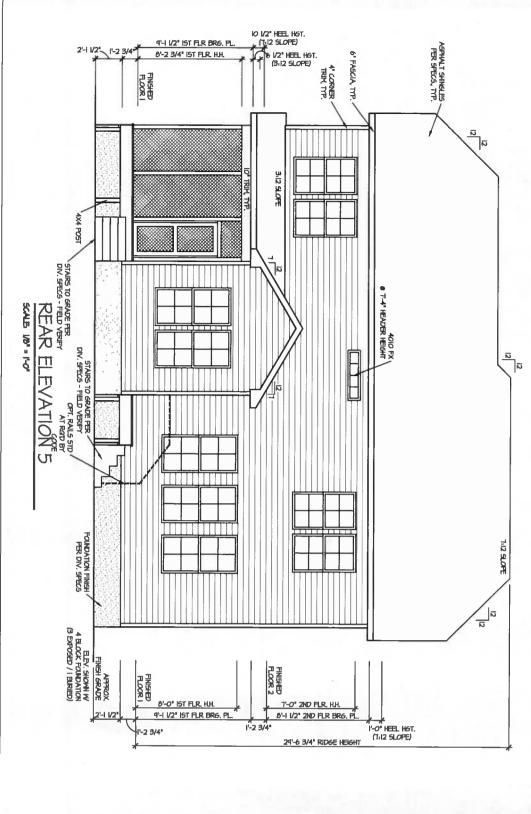
Limited building only review Permit holder responsible for full compliance with the code

				+												2 ADDRESS TRO	רטן סטיסטק טרט
					8										MINDERCON COOK FORCE PAIRING, NC 2/320	TRD WINDERCOK COLIFIC FLIGHTAY VALENTA NO. 27	MILE MELAGE

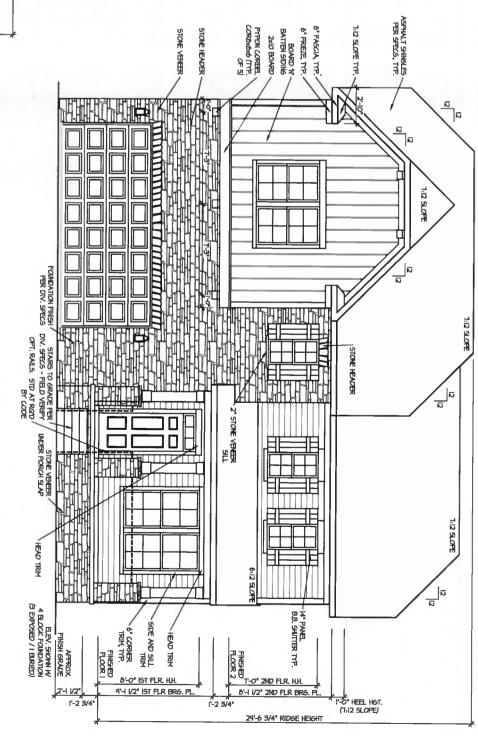
DATE PLANS RECEIVED _ APPLICATION # HARNETT COUNTY CENTRAL PERMITTING JOB NAME -

APPROVED BY

SITE PLANS APPROVED_



FRONT ELEVATION 5



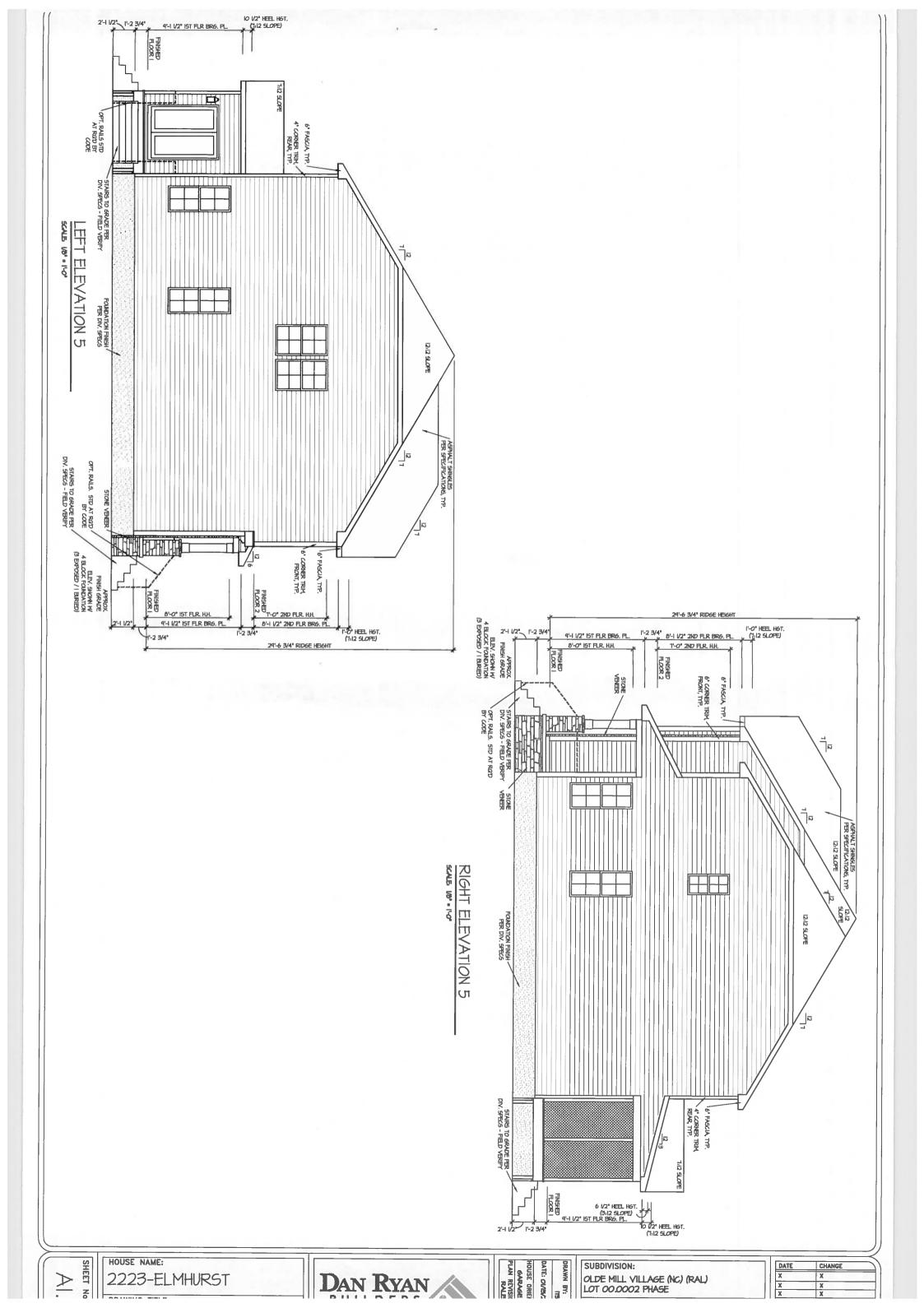
SHEET No

HOUSE NAME: 2223-ELMHURST

DAN RYAN

DATE: OVEY,
HOUSE ORIEN
GARAGE
PLAN REVISIC
RALE

SUBDIVISION: OLDE MILL VILLAGE (NC) (RAL) LOT 00.0002 PHASE



LOMER VEHTING. IBOTTOM 2.8 RDS.
65 LINEAR PEET OF SOFTET X 5.7 SQ. IN. = 2.5 SQ. FT.
65 LINEAR PEET OF SOFTET X 5.7 SQ. IN. = 2.5 SQ. FT.
21 LINEAR PEET OF RIDGE X ID SQ. IN. = 2.4 SQ. FT.
22 LINEAR PEET OF RIDGE X ID SQ. IN. = 2.4 SQ. FT.
2.4 SQ. FT. BETWEEN 5.0% - 8.0%
(1 TO 300 ALLONED)
1007AL ROOF VEHTILATION: 5.1 SQ. FT. > 4.45 SQ. FT. (RQD) ROOF VENTILATION CALCULATIONS: OPT. THIRD FLOOR ROOF AREA = 1256 SQ FT.

ROOF AREA = 1256 SQ FT.

OVERALL REQUIRED VENTILATION:
1 TO 500 = 404 SQ FT.
1 TO 300 = 425 SQ FT.
1 TO 300 = 425 SQ FT.
50-60% IN TOP THIRD = 226-361 FT. () TO 300)

NET FREE AREA OF VENTED SOFFIT = 5.7 SQ IN / LINEAR FT.

NET FREE AREA OF RIDGE VENT = 10 SQ IN / LINEAR FT.

SLOPE 1-0 SLOPE 7:12 SLOPE 6:12 SLOPE 7:12 SLOPE 3:12 >

ROOF PLAN ELEV. 5

HOUSE NAME:

2223-EL

DRAWING TITLE 2223-ELMHURST

DAN RYAN

SUBDIVISION: OLDE MILL VILLAGE (NC) (RAL) LOT 00.0002 PHASE

VENT CALCULATIONS

CRAM AREA = 87 50 FT.

OVERALL REGARED VENTILATION:

170 GB = 63 50 FT.

NET FREE AREA OF VENT = 62 50. IN FER VENT
MITTEN AUTOMATIC VENT B-EBLACK (MB) OR EQUAL

VENTING REGAIREMENT.

63 50 FT / 62 50. IN = 14.63 VENTS = 5 VENTS

APONEST PLOOR

SOR BEAR AGE

FEATER LOCATION

FEATER LOCA

ELEVATION 5 CRAML SPACE PLAN

HOUSE NAME:
2223-ELMHURST

BELOW PORCH SLAB

WHE OF PORCH SLAB

LINE OF PORCH SLAB

LINE OF PORCH SLAB

LINE OF 2' STONE VIBERS

BELOW PORCH SLAB

DAN RYAN

DRAWN BY:

ITS

DATE: OVIS/2

HOUSE ORIEN

GARAGE

PLAN REVISIO

RALE-

SUBDIVISION:

OLDE MILL VILLAGE (NC) (RAL)

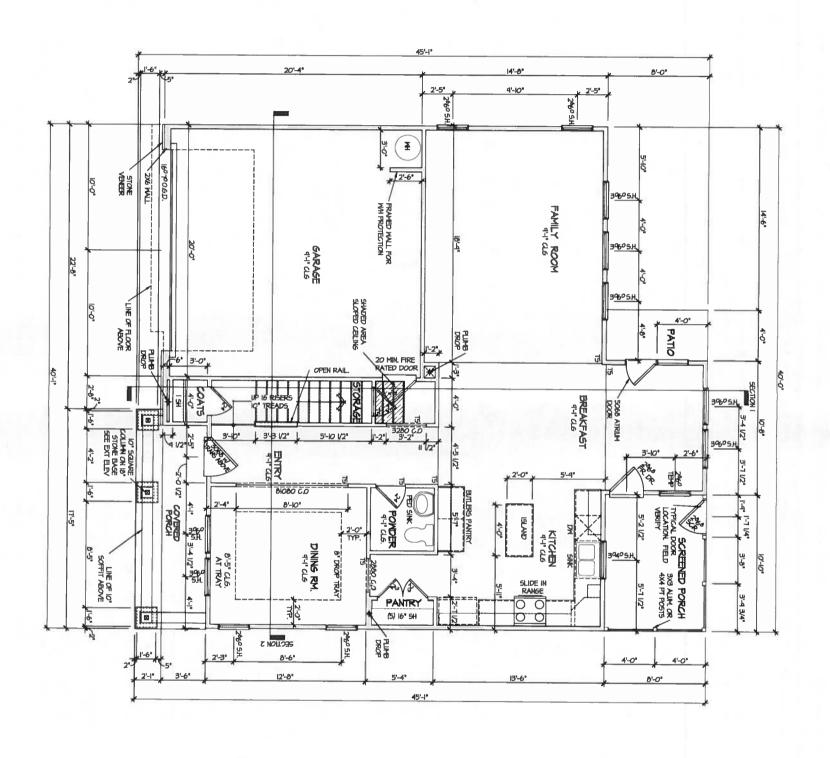
LOT 00.0002 PHASE

DECK

SCREEN PORCH ABOVE DECK

10°-10°

FIRST FLOOR PLAN



HOUSE NAME:
2223-ELMHURST

DAN RYAN

DRAWN BY:

ITS

DATE: OVIS/
HOUSE ORIE!

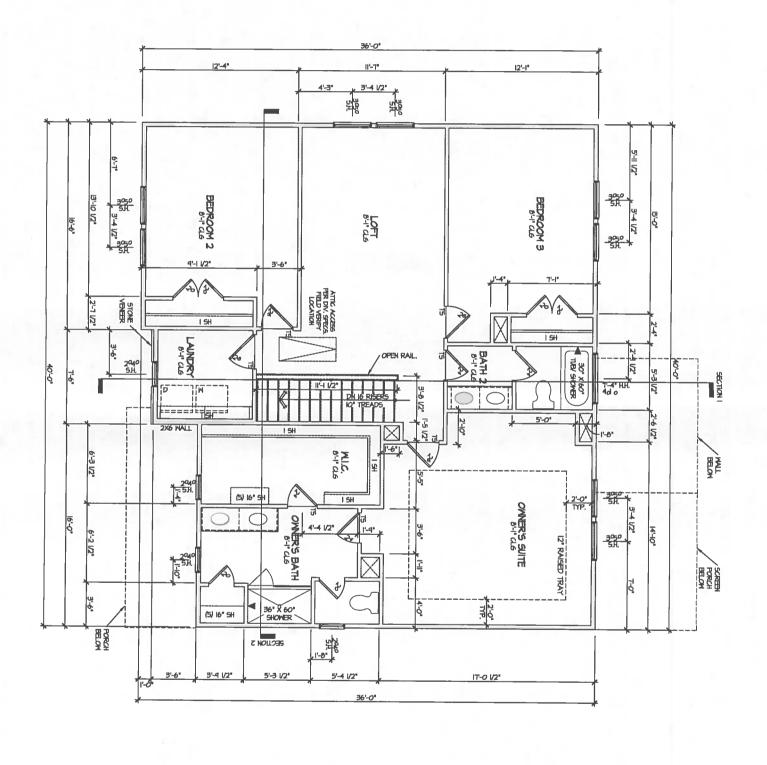
GARAGE
PLAN REVISION
RALE

SUBDIVISION:

OLDE MILL VILLAGE (NC) (RAL)

LOT 00.0002 PHASE

ELEVATION 5 SECOND FLOOR PLAN



HOUSE NAME:
2223-ELMHURST

DAN RYAN

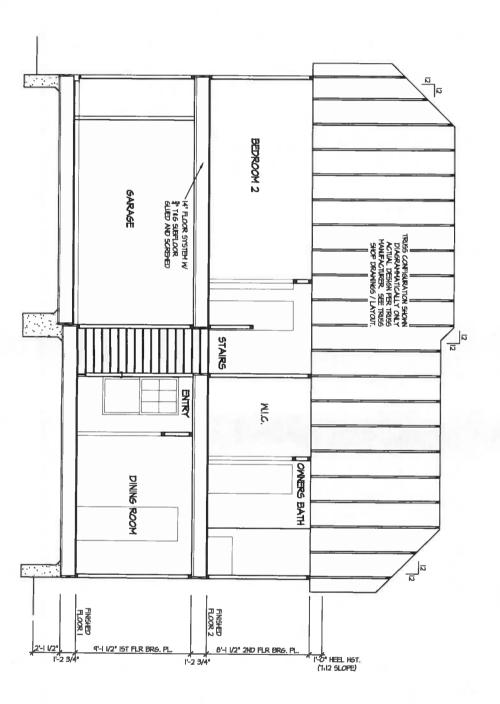
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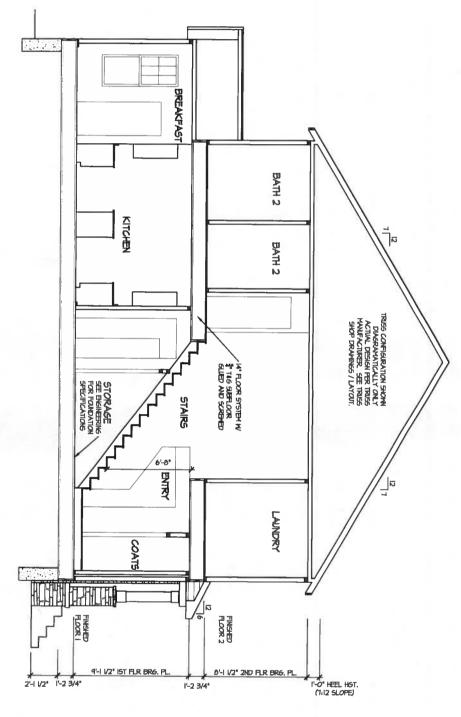
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DATE: O/IS/
HOUSE ORIE!

GARAGE
PLAN REVISI
RALE

SUBDIVISION: OLDE MILL VILLAGE (NC) (RAL) LOT 00.0002 PHASE





SECTION 2

SECTION I

HOUSE NAME:

2223-ELMHURST

DAN RYAN

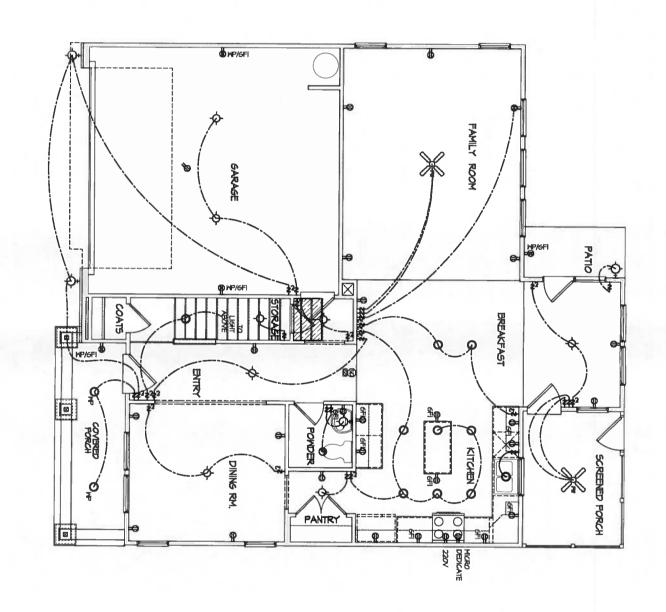
DATE: OVIS/2
HOUSE ORIEN
GARAGE
PLAN REVISIC
RALE

SUBDIVISION:

OLDE MILL VILLAGE (NC) (RAL)

LOT 00.0002 PHASE

ELECTRICAL LEGEND DUPLEX AFGI RECEPTAGLE DUPLEX AFCI RECEPTAGLE - WATERPROOF 6FI DUPLEX AFCI RECEPTACLE - 6FI RECEPTACLE - 220V DUPLEX AFCI RECEPTACLE - BOTTOM HALF SHITCHED DUPLEX AFCI RECEPTACLE - FLOOR MOUNTED FOUR WAY SMITCH THREE WAY SMITCH SINGLE POLE SMITCH KEYLESS LAMPHOLDER PULLCHAIN LAMPHOLDER LIGHT FIXTURE - WALL MOUNTED CO DETECTOR LIGHT FIXTURE - CEILING MOUNTED LIGHT FIXTURE - RECESSED CAN EGHAUST FAN MOTOR SMOKE DETECTOR - WIRED IN SERIES DOOR CHIME



HOUSE NAME:

2223-EL

ORAWING TITLE $\overline{\Box}$

2223-ELMHURST

DAN RYAN

SUBDIVISION: OLDE MILL VILLAGE (NC) (RAL) LOT 00.0002 PHASE CHANGE

TRICAL LEGEND DOOR CHIME DUPLEX AFCI RECEPTACLE - BOTTOM HALF SHITCHED DUPLEX AFCI RECEPTACLE - FLOOR MOUNTED FOUR WAY SMITCH DUPLEX AFCI RECEPTACLE - 6FI DUPLEX AFCI RECEPTACLE KEYLESS LAMPHOLDER EXHAUST FAN MOTOR SMOKE DETECTOR - WIRED IN SERIES DUPLEX AFCI RECEPTAGLE - WATERPROOF 6FI RECEPTACLE - 220V THREE WAY SMITCH PULLCHAIN LAMPHOLDER LIGHT FIXTURE - WALL MOUNTED JIGHT FIXTURE - RECESSED CAN

BEDROOM 2 8 LAUNDRY _ B (2) BATH 2 **1** 0 **(5)**

Ф

Ф

ELECTRICAL PLAN
SECOND FLOOR - ELEV. 5

HOUSE NAME:
2223-EL
DRAWING TITLE HOUSE NAME: 2223-ELMHURST

DAN RYAN

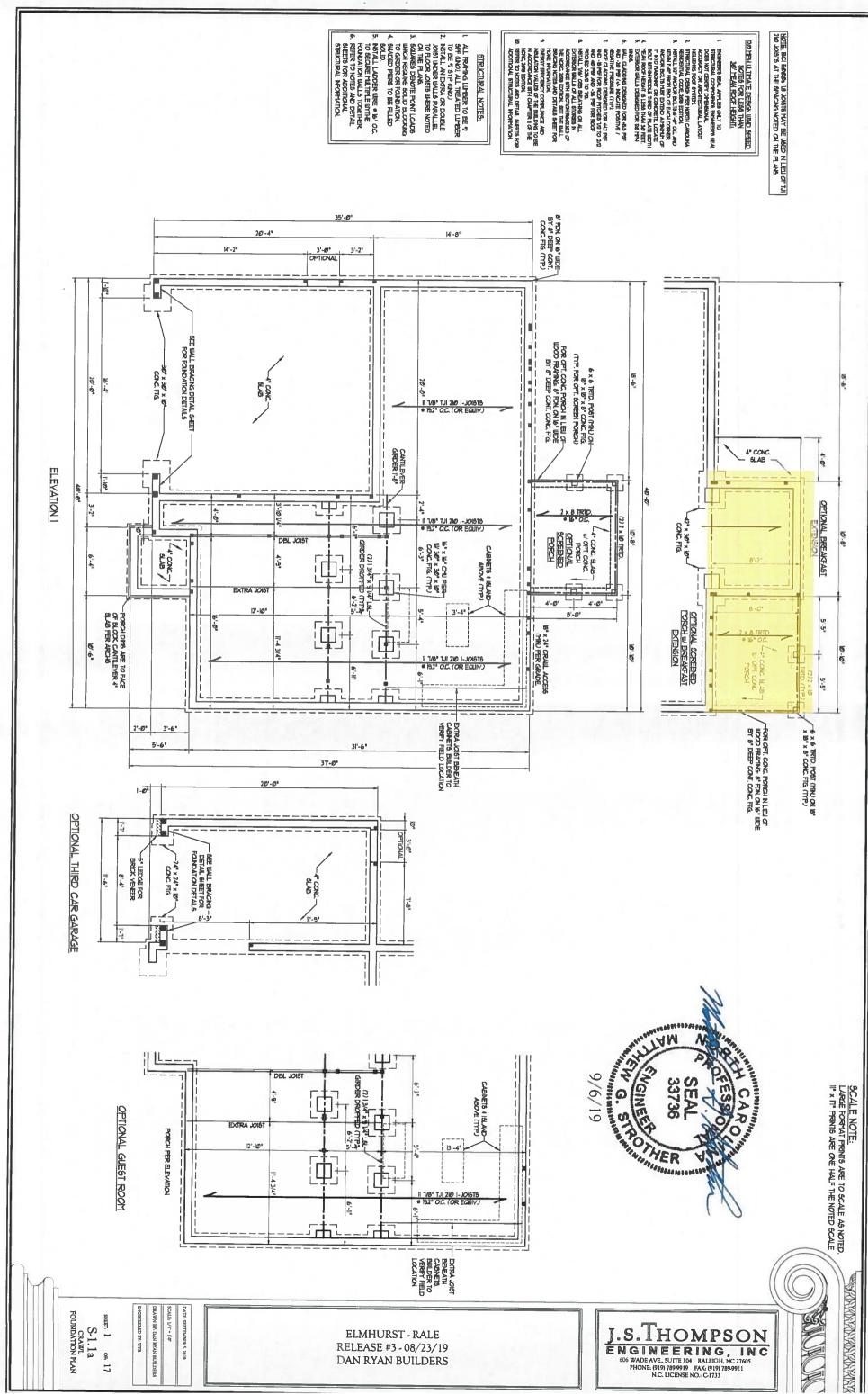
SUBDIVISION: OLDE MILL VILLAGE (NC) (RAL) LOT 00.0002 PHASE

BEDROOM 3

OWNER'S SUITE

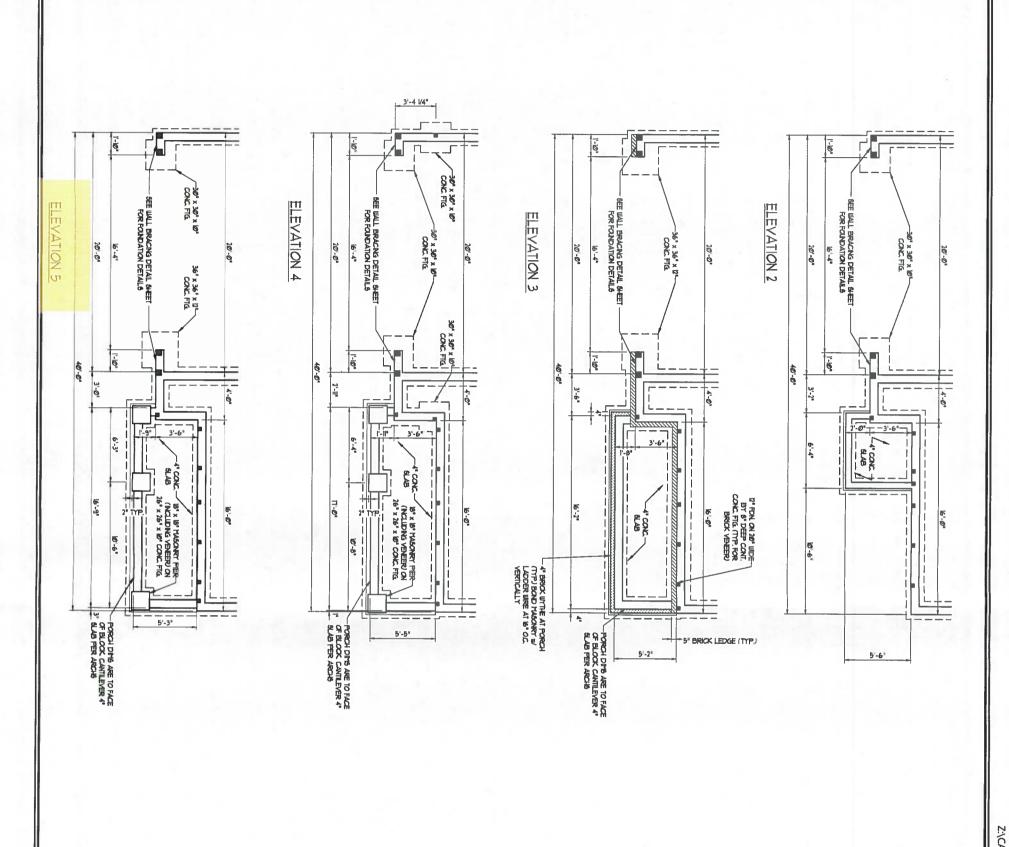
30

CHANGE



DAN RYAN BUILDERS

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DATE SEPTEMBER 5, 2019

SCALE, 1/4° - 1/2'

DILAWA BY, DAN BYAN BUILDES

ENGINEERED BY, W78

ENGINEERED BY, W78

SHEET: 2 OF 17

S-1.1b CRAWL FOUNDATION PLAN

ELMHURST - RALE RELEASE #3 - 08/23/19 DAN RYAN BUILDERS J.S. THOMPSON ENGINEERING, INC 606 WADE AVE., SUITE 104 RALEIOH, NC 27605 PHONE: (919) 789-9919 FAX: (919) 789-9921 N.C. LICENSE NO.: C1733



14" TJI 210 1-JOISTS . LINE OF FRANK A SLAB LEDGE DECK / SCREENED PORCH 193" OC (OR EQUIV) (3) 2 x 10 IRID (I) PJ (2) 13/4" x 任" 15/1 开设H 四/ (3) 2 x 6 EA END EXT. BRKFST W/ SCREENED PORCH JACKS EA BAD OFFRET LOAD: DEAD-US PLF LIVE: 450 PLF LINE OF OPTIONAL SCREENED PORCH EXTRA JOIST BENEATH CABINETS. BUILDER TO VERIFY FIELD LOCATION POST MIN (TYP) 9/6 STROTHERMINIONS NOTE BCI 500001-19 JOISTS MAY BE USED IN LIEU OF T.II 219 JOISTS AT THE SPACING NOTED ON THE PLANE.

Z:\CAD Drawings\JST-ENG\Dan Ryan Builders\Elmhurst\Elmhurst_GL RAL Structural 9-19.dwg, 9/6/2019 8:47:45 AM, Zach

SCALE NOTE: LARGE PORMAT PRINTS ARE TO SCALE AS NOTED. IT'x IT' PRINTS ARE ONE HALF THE NOTED SCALE /

KAKKKKKKKKKKKKK

1 BRACED MAIL DESIGN PER SECTION R80718 OF THE NCRC 2018 EDITION

2 CS-MEP REFFERS TO "CONTINUOUS SHEATHINS" - MOOD STRUCTURAL FAMELS" CONTRACTOR IS TO NSTALL TINS" OSB ON ALL EXTERDOR MAILS ATTACHED ME AN MAILS SPACED 6" OC. ALONG PAMEL EDOES SHO D" OC. AN THE FIELD STRUCTURAL FORMEL STORES AND TO THE TRACTOR IS TO NSTALL IN" (TINN) GIFTSHM MAIL EDOASO" MERRE NOTED ON THE FLANS, FASTEN AS MITH 114" SCREME OR 150", NAULS SPACED TO C. ALONG PAMEL EDOES AND IN THE FIELD NICLIDING TOP AND BOTTIOM PLAITES.

FASTEN AS MITH 114" SCREME OR 150" NAULS SPACED TO 120" FFH, FROM THATES.

FASTEN AS MITH 114" SCREME OR 150" NEW TO ESO NEW THE FIELD NICLIDING TOP AND BOTTIOM PLAITES.

A BRACED MILL DESIGN AFFLED NI MOD ZONES UP TO 120" FFH, FOR HIGH MIND ZONES MAILS SEET TO THE NICCORDINACE MITH CHAPTER 45 OF THE NICRO 2008 EDITION SEE NOTES AND DEFIAL SHEETS FOR ADDITIONAL BRACED MULL NORTAINION. J.S. THOMPSON
ENGINEERING, INC
606 WADE AVE., SUITE 104. RALEICH, NC 27605
PHONE. (919) 789-9919 FAX. (919) 789-9921
N.C. LICENSE NO., C1733

BRACED WALL DESKN NOTES.

NO

FER SECTION R6013046 OF THE 2008 KCRC, THE AMOUNT OF BRACKING REQUIRED ON THE WALK OUT BASETISM WALLS EXCEEDS THE AMOUNT OF BRACKING ON THE WALL ABOVE THA ITINED BY A FACTOR OF US.

SHEATH ALL EXTEROR WALLS WITH 1/6° C68 SHEATHING ATTACHED WITH AB VAILE WITH 1/6° C68 FAREL EDGES AND D° OC. N THE FIELD.

STRUCTURAL NOTES:

ELMHURST-RALE RELEASE #3 - 08/23/19

DAN RYAN BUILDERS

1 ALL FRANKS LIMBER TO BE 72 STE (NAO). ALL TREATED LIMBER TO BE 72 STE (NAO).
2 NOTALL AN EXTRA JOST UNDER INJL. SPEALLES. TO FLOOR JOSTS UNDER WILLS. PAPALLES. TO FLOOR JOSTS UNDER KOTED ON THE PLANE.
3. UNDOW AND DOOR LEADERS TO BE SUPPORTED W/ (1) JACK STILD AND (1) NACK STILD EA BOY (NAO). SEET JABLE BARD'LLS PAR ADDITIONAL KNAS STILD FEALINESTEINE.
4. SOLMES DENOTE POINT LOADS WHICH FEALINES SILD BLOCKING TO GREDER OR FOANDATION SUPPORT UNDECREED BT. LOADS ALONG TRAMED WALLS W (2) STILDS (NAO).

S-2.1 FIRST FLOOR FRAMING PLAN sнеет, 9 о_б 17

ELEVATION 1

SCALE I/4" - I'd" ENGINEERED BY, WFB drawn by dan byan builders

DATE SEPTEMBER 5, 2019

TABLE R602.15

HINN'LH NUTER OF ALL HEIGHT STUDS

AT EACH BIO OF HEADERS ON EXTERIOR MALLS

HEADER 8PAN

HOWTH STUD SPACING (NOLES)

OTHER TABLE R602.951

14

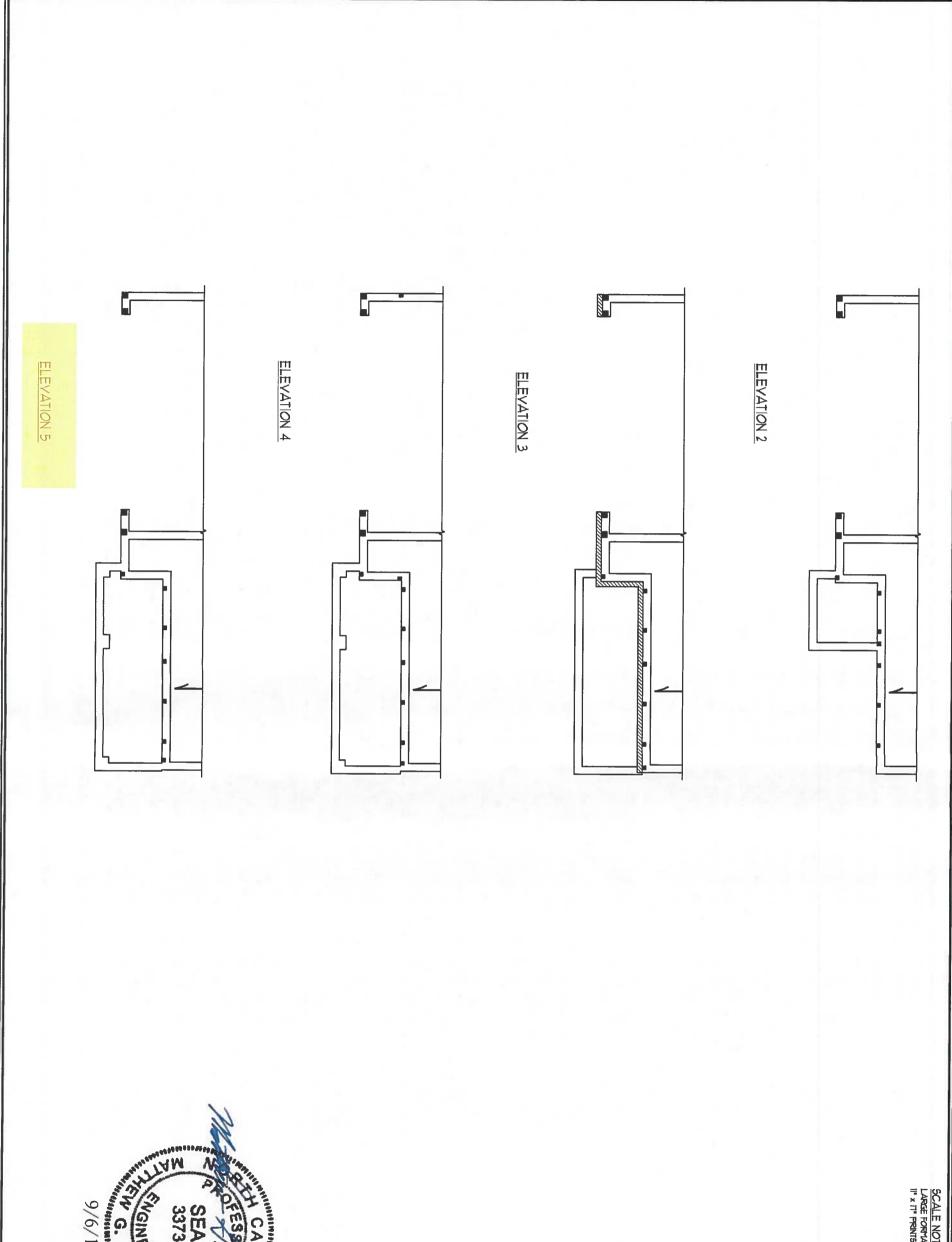
6. SUPPORT STEEL BEAYS WITH 4" BEAY POCKET OR (4)2 x 6. ALL OTHER PEAYS TO DE SUPPORTED WITH (2) JACK STUDS EA. BOD (NAU).

1. SITEP BASSIFISH TON DOWN TO 2 x 6 e le "OC. WILL WHERE GRADE FRENTING.

2. ALL LOAD BEARS NITEROR WALLS TO DE 2 x 4 e 0" OC. OR 2 x 6 e le "OC. ONO).

RETER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION

L LOAD BEARNG HEADERS TO BE (3)





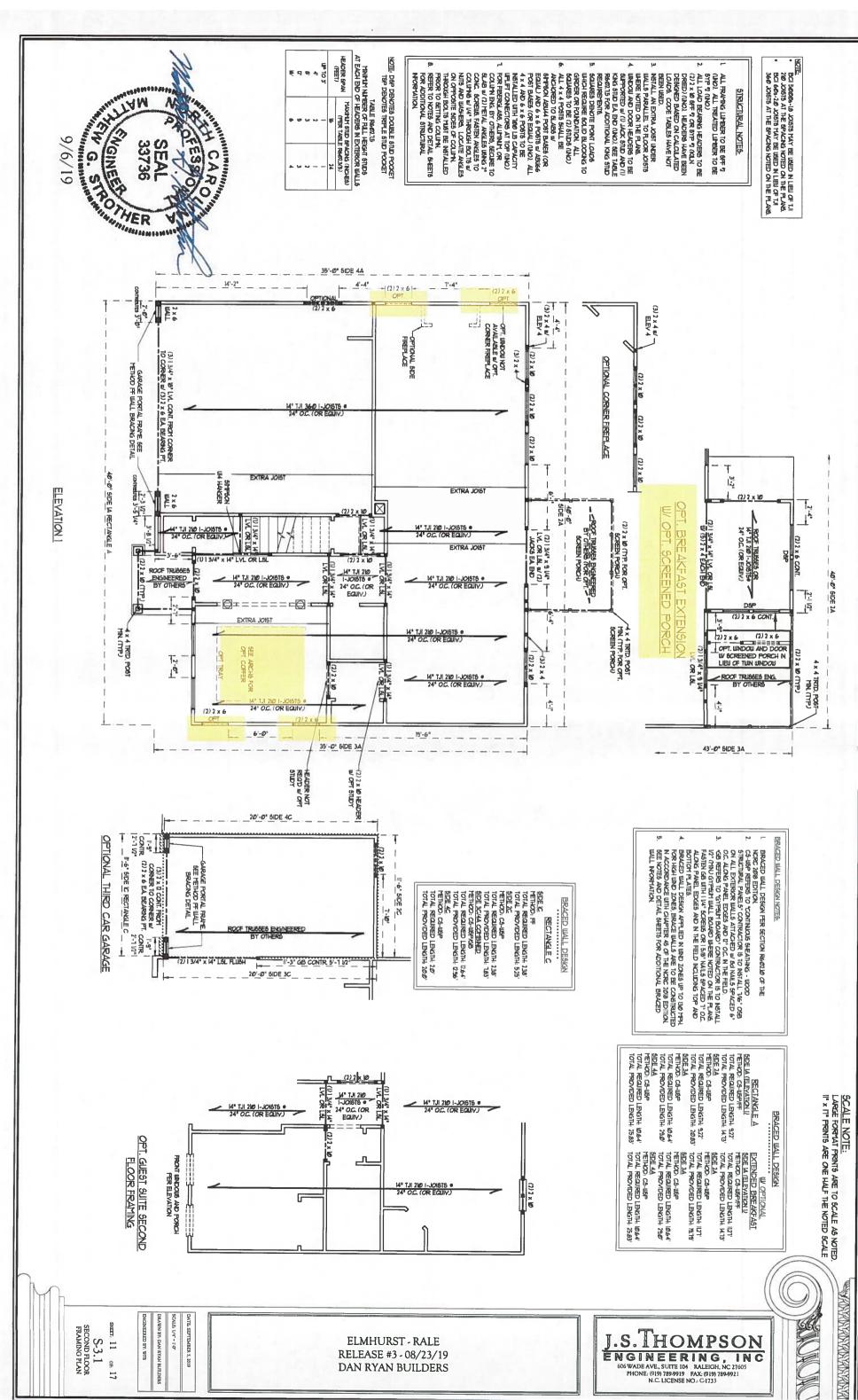
SCALE: 1/4" - 1:0" DATE: SEPTEMBER 5, 2019

NEERED BY, WTB EN BY, DAN RYAN BUILDERS

SHEET, 10 OF 17 S-2.2 FIRST FLOOR FRAMING PLAN

ELMHURST - RALE RELEASE #3 - 08/23/19 DAN RYAN BUILDERS J.S. THOMPSON ENGINEERING, INC 606 WADE AVE., SUITE 104 RALEIOH, NC 27605 PHONE: (919) 789-9919 FAX: (919) 789-9921 N.C. LICENSE NO.: C1733

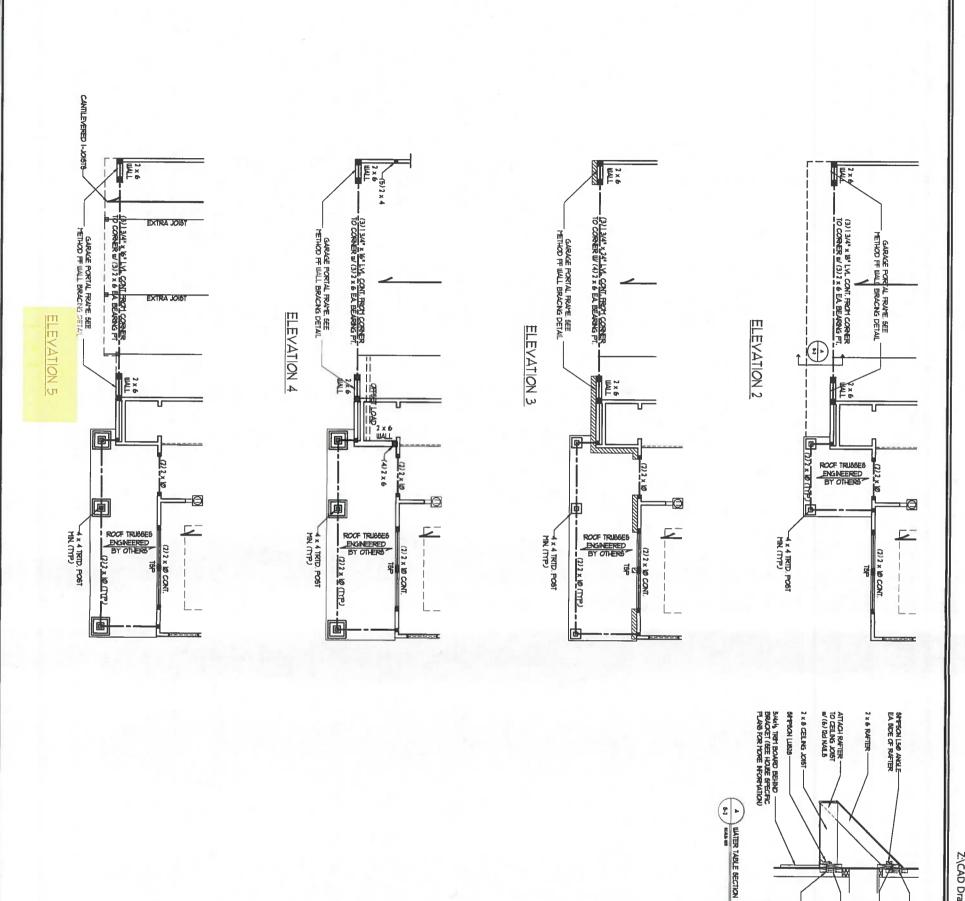
Z:\CAD Drawings\JST-ENG\Dan Ryan Builders\Elmhurst\Elmhurst_GL RAL Structural 9-19.dwg, 9/6/2019 8:47:50 AM, Zach SCALE NOTE: LARGE FORMAT PRINTS ARE TO SCALE AS NOTED. II" x 11" PRINTS ARE ONE HALF THE NOTED SCALE KKKKKKKKKKKKKKK

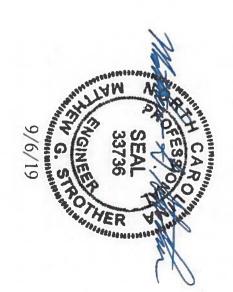


DAN RYAN BUILDERS

оь 17

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S-3.2 SECOND FLOOR FRAMING PLAN

нет. 12 он 17

DA BY, DAN RYAN BUILDERS

RED BY, WEB

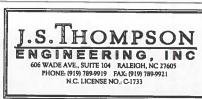
SEPTEMBER 5, 2019

LINTEL SCHEDULE FOR
BRICK/NATURAL STOKE SUPPORT

LEMINHET

LEMINHE

ELMHURST - RALE RELEASE #3 - 08/23/19 DAN RYAN BUILDERS



HATTACH 2 x 80 BAND TO BLOCKINS WITH IX* DIA LAG BORELIS * D* OC.

NOTE: CANOPY IS NOT DESIGNED FOR MAN

ASTALL 2000 BLOCKING AS RECUIRED. FASTEN BV (4) DID NAILS EA BND (TYP) - NETALL ZWD BLOCKING AS REQUIRED, FASTEN w' (4) Zd NALS EA BID (TYP)

- ATTACH 2 x 10 BAND TO BLOCKING WITH 1/3" DIA LAG SCREWS = D" OC.

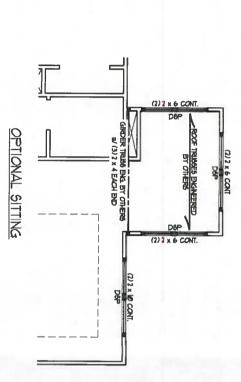
SCALE NOTE:
LARGE FORTUT FRUITS ARE TO SCALE AS NOTED.

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

Z\CAD Drawings\JST-ENG\Dan Ryan Builders\Elmhurst\Elmhurst_GL RAL Structural 9-19.dwg, 9/6/2019 8:48:00 AM, Zach

(2) 2 × 6

WINDOW W MASTER BATH OPTIONS



ELEVATION 1



S.4.1
CEILING FRAMING
PLAN

SHEET, 13 OF 17

DRAWN BY, DAN RYAN BUILDERS SCALE: 1/4" - 1:0" DATE SEPTEMBER 5, 2019

_		,										
LE 01 em	HEADER SPAN	AT EACH END C	DSP - DO	NFORTATION	5. NOTE (2		REQUIREMENTS.	SUPPOR	3. WINDOW AND D	2. ALL LOA	L ALL FRA	=
	PAY HER LARY	TABLE R602.15 MIN'NH NUMBER OF PULL HEIGHT STUDS EACH END OF HEADERS IN EXTERIOR WALLS	DOUBLE STUD POCKET	FOR ADDITIONAL STRUCTURAL INFORMATION	TO BE (2) STUDS (UNO.)	WHICH REQUIRE BOLID BLOCKING TO	R602.15 FOR ADDITIONAL KING STUD REQUIREMENTS. SQUARES DENOTE FONT LOADS	SUPPORTED W/ (1) JACK STUD AND (1)	ENDOW AND DOOR HEADERS TO BE	LOAD BEARING HEADERS TO BE	ALL FRAMING LUMBER TO BE 7 BFF	
-	THI STUD SPACKS (NCHES) THER TABLE RE602X5) 16 24	EIGHT STUDS	4	IRAL	TAIL SHEETS	SQUARES	L KING STUD	STUD AND (1)	30 10 18	DERS TO BE	是 2 8年	
Ш		-										

ELMHURST - RALE RELEASE #3 - 08/23/19 DAN RYAN BUILDERS

N N

PER SECTION R601/032 OF THE 10/08 NCTRC, THE APOINT OF RRACKING ON THE THEORY MALLS WITH 17/6* C69 SHEATHING ATTACHED WITH BUT MALLS WITH 17/6* C69 SHEATHING ATTACHED WITH SHEATHING WITH 17/6* C69 SHEAT

(3) 2 x 4 st/

STRUCTURAL NOTES:

I BRACED MAIL DESGN PER SECTION R607/80 OF THE NCRC 20/8 EDITION

2. CS-MEP REFIRES TO YCONTRACTOR 15 TO NSTALL 7/16* 038DIRACTURAL PARELS "CONTRACTOR 15 TO NSTALL 7/16* 038DA ALL EXTEROR MAILS ATTACHED M SO AND 15 ON STALL 17/16* 048AND ALL EXTEROR MAILS ATTACHED M SO AND 15 ON STALL 17/16* 10 TO NSTALL 18/18* 10 MINI 11 M* SECREB OR 15/8* NAILS SPACED 1* OC.
ALONG PAREL EDGES AND IN THE FIELD NALLDING TOP AND BOTTOM PLATES.

4. BRACED MAIL DESIGN AFFLED N UND ZONES UP TO 20/8 PRIH.
FOR HIGH MND ZONES BRACE MAILS ARE TO BE CONSTRUCTED IN ACCORDANCE MIT CLAPTER 45 OF THE NCRC 20/8 EDITION

5. SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED

MAIL NEORTATION.

J.S.THOMPSON
ENGINEERING, INC
606 WADE AVE., SUITE 104 RALEIGH, NC 27605
PHONE: (919) 789-9919 FAX: (919) 789-9921
N.C. LICENSE NO.: C-1733

BRACED WALL DESIGN NOTES

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

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Builders\Elmhurst\Elmhurst_GL RAL Structural 9-19.dwg, 9/6/2019 8:48:05 AM, Zach

ELEVATION 4 ELEVATION 2 ELEVATION 3



DRAWN BY, DAN RYAN BUILDERS SCALE 1/4" - 1:0" DATE: SEPTEMBER 5, 2019

S-4.2 CEILING FRAMING PLAN

янеет, 14 ол. 17

ELEVATION 5

FOR ALL BROCK SUPPORT * ROOF LINES, FASTEN (2) 2 % DE LOCKING BETUERN STUDS of (4) DE ANALIS FER FLY, FASTEN A 6" x 4" x 596 STEEL ANGLE TO (2) 2 % DE LOCKING STEEL ANGLE TO (2) 2 % DE LOCKING STEEL ANGLE GOODED CONVERTE LINELS BY SHEETED BY OTHERS MAY BE USED IN LIEI OF STEEL LINELS.

(ILV) • LOAS LES VERTICAL
LEMSTH • CLEAR CRENKS
EPEED ALL MEALE RONS IN 4 * EACH
SIDE NITO YEARER 10 PROVIDE BEJARNA.
FOR ALL HEADERS 8 • 0" AND GREATER
NLEMSTH, ATTACH SIEEL, ANGLE 10
EADER W 12" LAS ECREUS • 0" OC.
61 AAGEREN D.
61 AAGEREN D. LNTEL SCHEDULE AFFILIES TO ALL
OFENNAS N BROCK VENETIR (IND.). SEE
ARCH DUZS, FOR SUZE AND LOCATION OF
OFENNAS.

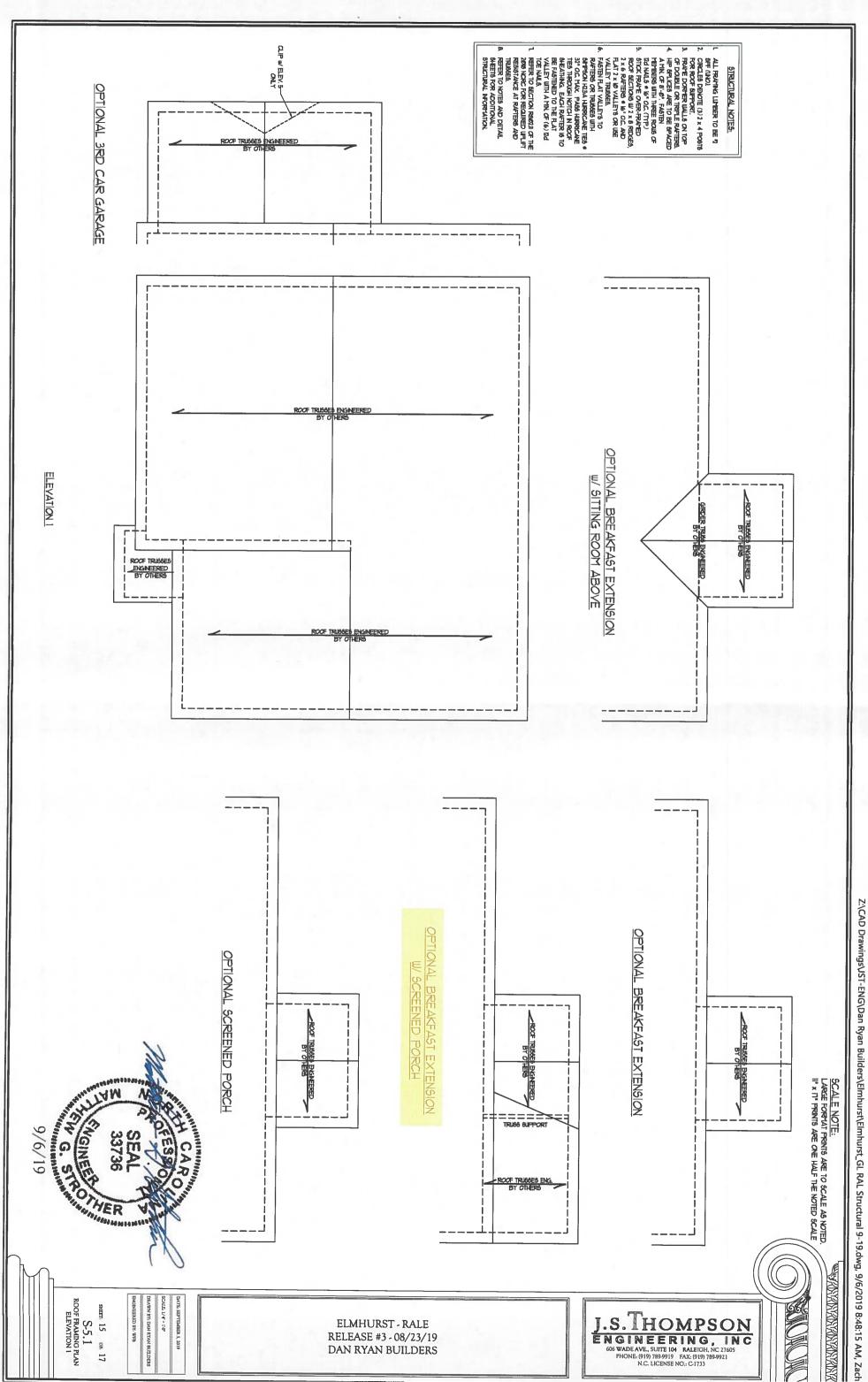
BRICK SUPPORT NOTES. 8 AND GREATER ₩ 104FT. LEWIN (FT) L6×4×5/6 LLV L 5 x 3 1/2 x 5/16 LLY L312×312×14 SIZE OF LINTEL

LINTEL SCHEDULE FOR

J.S. THOMPSON ENGINEERING, INC 606 WADE AVE, SUITE 1014 RALBERIN, EC 27605 PHONE: 6197 7899919 FAX: 6197 789-9921 N.C. LICENSE NO.: C1733

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ELMHURST-RALE RELEASE #3 - 08/23/19 DAN RYAN BUILDERS



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I ALL RAYNG LIPBER TO BE 9
8FF (NA).

CRECIES DENTE (3) 2 × 4 POSTS
FOR ROOF SUPPORT.

RAYE DORFER WILLS ON TOP
GF DOLBLE OF RIPBER SEPTING.

4. HIP SPICES ARE TO BE SPACED
A THIN OF SEPTING.

4. HIP SPICES WITH INFEET ROUS OF
DA NAILS 9 IS "OC. MOP
TENEES WITH INFEET SEPTING.

2 × 6 RAFTERS 9 S "OC. AND
PLAT 2 × 6 VALLETS TO
RAFTERS OR TRASSES WITH
A TYLET TRASSES.

6. FASTEN PLAT VALLETS TO
RAFTERS OR TRASSES WITH
SPERON RESA HARGEARE TIES 9
10" OC. THAY. DASS HARGEARE
TIES THROUGH NOTCH IN ROOF
SHATING. EACH RAFTER IS TO
BE FASTENCE TO THE FLAT
TABLES THROUGH NOT RE PLAT
TO SECTION RESALL OF THE
Z80 NATE TO SECTION RESALL
HEETS FOR ADDITIONAL
HEETS FOR ADDITIONAL
STRUCTURAL NOTES AND DETAIL
HEETS FOR ADDITIONAL
HEETS FOR ADDITIONAL
HEETS FOR ADDITIONAL
HEETS FOR ADDITIONAL
HEETS FOR ADDITIONAL STRUCTURAL NOTES:

SEE SHEET S-5.1 FOR OPTIONS

GIRDER TRUSS ENGINEERED BY OTHERS ROSE TRUSSES ENGINEERED BY OTHERS 2 x 6 RAFIERS-ENGINEERED BY OTHERS BY OTHERS

BY OTHERS

SEE SHEET S-5.1 FOR OPTIONS



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

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ASASABASASABASA

Builders\Elmhurst\Elmhurst_GL RAL Structural 9-19.dwg, 9/6/2019 8:48:25 AM, Zach

J.S. THOMPSON
ENGINEERING, INC
606 WADE AVE. SUITE 104 RALBICH, NC 27605
PHONE: (919) 789-9919 FAX: (919) 789-9921
N.C. LICENSE NO.: C1733

ELMHURST-RALE RELEASE #3 - 08/23/19 DAN RYAN BUILDERS

S-5.3
ROOF FRAMING PLAN
ELEVATIONS 4 & 5

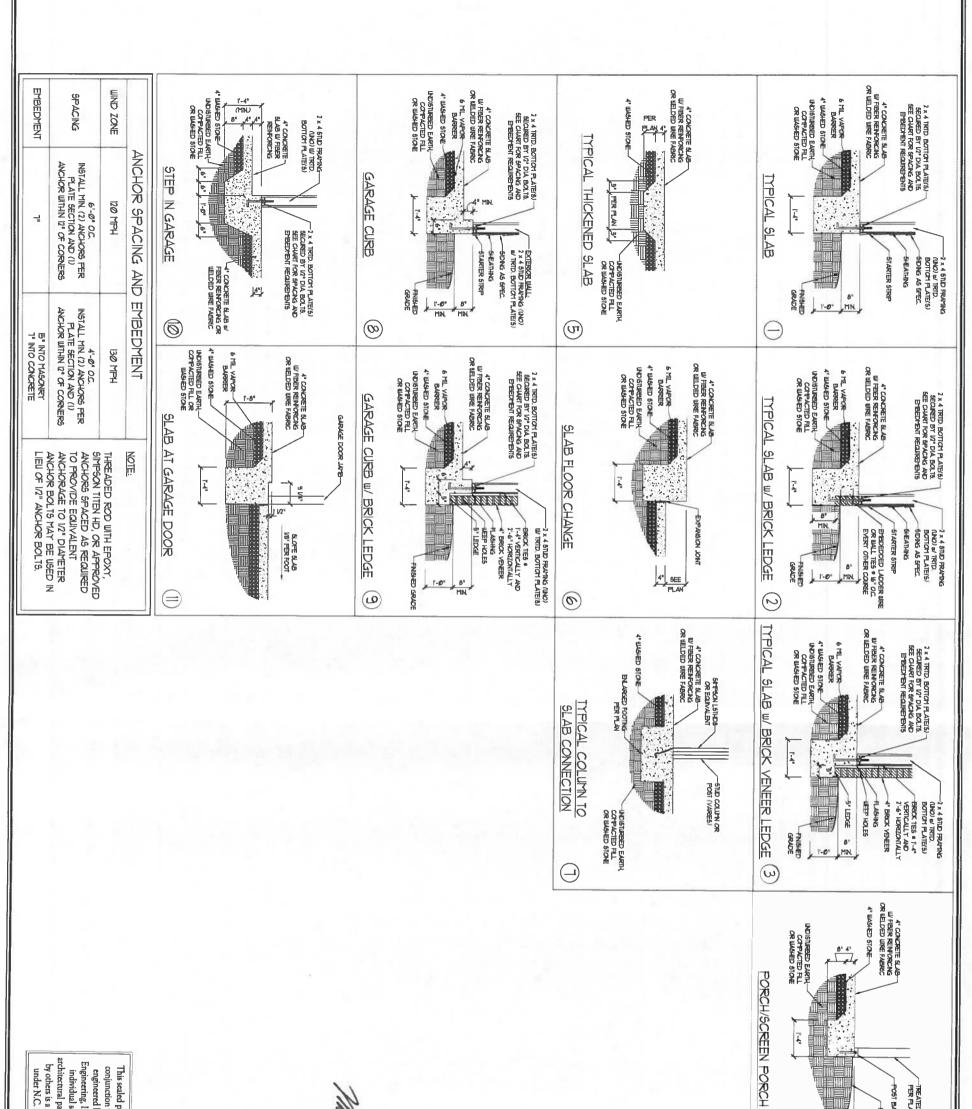
ELEVATION 5

ELEVATION 4

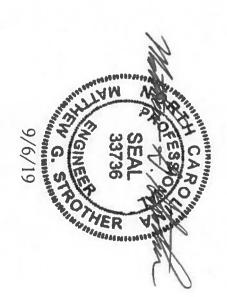
DRAWN BY, DAN RYAN BUILDERS SCALE 1/4 - 1:0" DATE: SEPTEMBER 5, 2019

ROOF TRUBBES ENGINEERED BY OTHERS

ROOF TRUSSES ENGINEERED BY OTHERS



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FOUNDATION DETAILS

AWN BY, JST

ERED BY, JST

MONOLITHIC SLAB FOUNDATION DETAILS



4



POST BASE PER PLAN
FINISHED GRADE

PER PLAN

EMBEDMENT MIND ZONE SPACING ANCHOR SPACING AND EMBEDMENT 6'-0" O.C.

NISTALL MIN (2) ANCHORS PER
PLATE SECTION AND (1)

ANCHOR WITHIN 12" OF CORNERS 120 MPH 긮 4'-0" O.C.
INSTALL MIN (2) ANCHORS PER
PLATE SECTION AND (1)
ANCHOR WITHIN 12" OF CORNERS 1" INTO MASONRY 130 MPH THREADED ROD WITH EPOXY, SIMPSON TITEN HD, OR APPROVED ANCHORS SPACED AS REQUIRED TO PROVIDE EQUIVALENT ANCHORAGE TO 12" DIAPETER ANCHOR BOLTS MAY BE USED IN LIEU OF 12" ANCHOR BOLTS.

STEM WALL FDN. W/ BRICK DETAIL (3)	2 x 4 SED FRANK (NO) 2 x 4 TRID BOTTON FLATE(S) 3 x 6 FRANK (NO BEER 4 BROX VANEER 5 FLATE(S) 4 BROX VANEER 5 FLATE(S) 6	STEM WALL FDN. DETAIL	2 x 4 STID FRANKS (MA) WIRTD, BOTTOM PLATE(S) 12 x 4 TRTD, BOTTOM PLATE(S) SECURED BY (V* DIA BOTTOM SECURED BY (V* DIA BOTTOM DATE OF SPACAS AND BESENDEN REJIREDENTS LADDER WIE N 10P TWO CONCESTE 84 AND MERCH REJIRED SLAB AU CONCESTE 84 AND MERCH REJIRED SLAB LADDER WIE N 10P TWO CONCESTE 84 AND THOUGAED SLAB LADDER WIE NO PROCNE AND BOTTOM BESCH REJIRED SCALO MERCH REJIRED SLAB LADDER WIE NO PROCNE ALL CELLS W RENORCEBY TO SE
STEM WALL FDN. W/ OPTIONAL BRICK WATERTABLE DETAIL (4)	2 x 4 SILD RAYSK (NO) WIRD BOTTON PLATE(s) \$ECRED BY (17' D.A. BOLTS \$ECRED BY (17' D.A. BOLTS \$ECRED BY (17' D.A. BOLTS BYBEDYENT REJUREDENTS A' CONCRETE SLAB WHERE RENORCHS OR BELLED BURE FLORE LAPP HOLES WHERE RENORCHS OR BLUED BY ME FLORE LOCATELOED BY AND COPPACIED BY ME AND TOP TWO COURSES OF SIET MULL AND ALL CELLS WIRENOCESENT TO BE ALL CELLS WIRENOCES ALL CELLS WI	STEM WALL FDN. W/ BRICK AND CURB (2)	2 x 4 FIID ROTICH FLATE(S) 2 x 4 FIID BOTTCH FLATE(S) 2 x 4 FIID BOTCH FLATE(S) 2 x 4 FI

WALL HEIGHT (FEET) 1 AND GREATER 2 AND 9 Gı w 4 GROUT SOLID W/ 44 REBAR # 24" O.C. GROUT SOLID W 4 REBAR # 36" O.C. MASONRY STEMWALL SPECIFICATIONS GROUT SOLID BE CHI UNGROUTED UNGROUTED ENGINEERED DESIGN BASED ON SITE CONDITIONS STRUCTURAL NOTES: 4" BRICK AND 4" CYU NOT APPLICABLE NOT APPLICABLE GROUT SOLID W 4 REBAR @ 48" O.C. CHROUT SOLID GROUT SOLID MASONRY WALL TYPE GROUT SOLID W 44 REBAR @ 36" O.C. GROUT SOLID W 4 REBAR 9 24" O.C. 4" BRICK AND 8" CMJ GROUT SOLID UNGROUTED UNCACUTED GROUT SOLID W 4 REBAR # 64" OC. GROUT SOLID W º4 REBAR @ 64" O.C. GROUT SOLID W/ 44 REBAR @ 64" O.C. UNGROUTED UNGROUTED 짇 둳



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DRAWN BY IST SCALE NTS FOUNDATION DETAILS

NOVEMBER 1, 2018

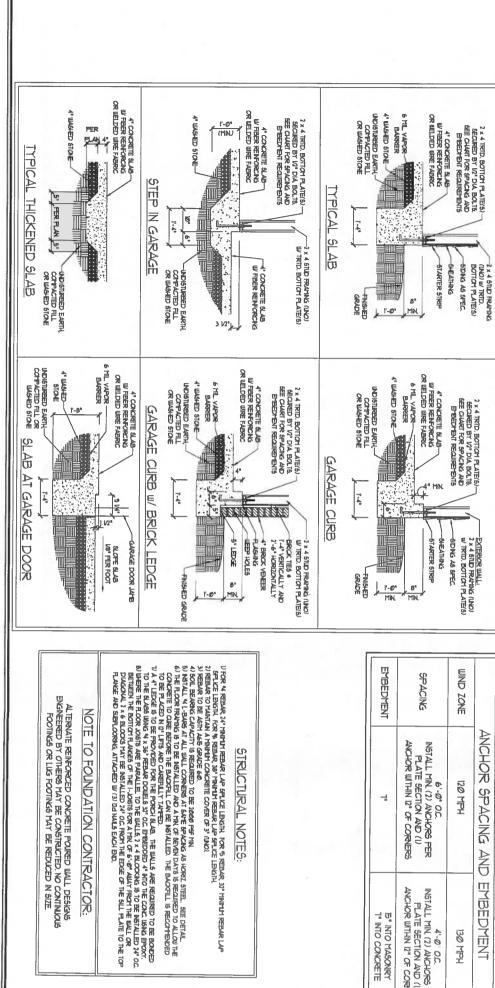
STEM WALL FOUNDATION DETAILS

1) IMAL HEIGHT REASHED RICH TOP OF ROOTING TO TOP OF THE MALL
2) THE MALTIPLE INTHES TOGETHER WITH LADDER WIRE AT 16" OC. VERTICALLY.
3) CHART APPLICABLE FOR HOUSE PONDATION ONLY. CONSULT ENGINEER FOR DESIGN OF GARAGE HONDATION NOT COPYON TO HOUSE.
4) BACKFILL OF CLEAN \$1 / \$1 MASHED STONE IS ALLOWABLE.
5) BACKFILL OF MILL DRAINED OR SAND - GRAVEL MYTHRE SOILS (AS PSE/FT BELOW GRADE) CLASSIFIED AS GROUP!
6. PACH TO UNITED SOILS CLASSIFICATION SYSTEM IN ACCORDANCE WITH TABLE RADE! OF THE 2018 NORTH CAROLINA RESIDENTIAL CODE ARE ALLOWABLE.
6. PACH SLAS FIRE REGIONAL CODE.
7. INNININI 24" LAP SPLICE IDENTIA.
8. ICCATE REBAR IN CERTICA OF FOUNDATION WALL.
9. UNCATE REBAR IN CERTICA OF TOWN OF THE STATE OF SOUTH OF THE STATE OF TOWN OF THE STATE OF THE STA

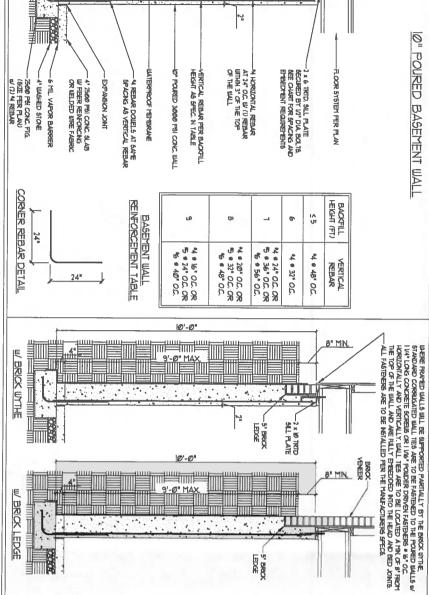
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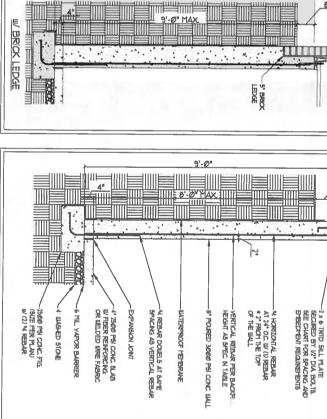
Z\CAD Draw ngs\Details and Notes\Foundation Details\Mo details_10-18.dwg, 11/1/2018 8:43:50 AM



STRUCTURAL NOTES:



B" MIN.





CORNER REBAR DETAIL

- 1				
	To.	6'-0" O.C. N5TALL MN. (2) ANCHORS PER PLATE SECTION AND (1) ANCHOR WITHIN 2" OF CORNERS	120 MPH	ANCHOR SPACING AND EMBEDMENT
	B" INTO MASONRY T" INTO CONCRETE	4'-0' O.C. INSTALL MIN (2) ANCHORS FER PLATE SECTION AND (1) ANCHOR WITHIN I2" OF CORNERS	130 MPH	EMBEDMENT
	LIEU OF IV	ANCHORS TO PROVI	THREADE	NOTE

|--|



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FOUNDATION DETAILS

MTE NOVEMBER 1, 2018

POURED WALL BASEMENT FOUNDATION DETAILS

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N.C. LICENSE NO., C.1733 s.Thompson

BASEMENT WALL

*4 * 12" O.C. OR *5 * 18" O.C. OR % * 28" O.C. OR

% + 6" OC. OR

% 9 24" O.C. OR % 9 36" O.C. °4 € 48° OC VERTICAL REBAR

XXXXXXXXXXXXXXXX

Z\CAD Drawings\Details and Notes\Foundation Details\Base

ent details_10-18.dwg, 11/1/2018 8:48:01 AM

8" POURED BASEMENT WALL

FLOOR SYSTEM FER FLAN

上の出 Ġ 9

GENERAL MALI BRACING NOTES:

48" OR LESS

BRACED WALL PAVE

48" OR LESS

BRACED WALL PAVEL

-1/2" ANCHOR BOLTS
FER BRACED WALL
REQUIREMENTS

TYPICAL EXTERIOR CORNER FRAMING FOR CONTINUOUS SHEATHING (5)

KHAKAKAKAKAKAKAKA

ER FIGURE R602.103/5)

-SEE TABLE R6023()
FOR FASTENING

VARY, SEE FIGURE R6/023(2)

-GYPSM WALLBOARD AS REQUIRED AND INSTALLED IN ACCORDANCE WITH CHAPTER 1 (TYP)

BOND BEAM

HN 24" WOOD STRUCTURAL PANEL AN 860 LB HOLD DOWN DEVICE MAY BE NETALLED N LEIJ OF CORNER RETURN

16d NAIL (3 1/2" x Ø3H")

WALL BRACING DESIGNED IN ACCORDANCE WITH CHAPTER 6 OF THE 2008 NC RESIDENTIAL BUILDING CODE (NCRC.)
1788LES AND PIGURES REPREDICED ARE PROTI THE 2008 NCRC.
SEE THIS SHEET FOR GENERAL DETAILS. RETER 10 THE 2008 NCRC. FOR ADDITIONAL INFORMATION AS NEEDED.
BRACED DETEROR WILL SEPROPATING ROOF TRIBESES AND RAFTERS, NALIDING STORES SELOW THE TOP HOOR, HAVE BEEN DESIGNED FER RE40135 (3). WILL SHEATHAK AND FASTERES HAVE BEEN DESIGNED TO RESIST COTSINED UPLIFT AND SHEAR FORCES IN ACCORDANCE WITH ACCORDING BY PRACTICE.
SEE STRUCTURAL SHEETS FOR BRACED WALL LOCATIONS, DYBENONS, HOLD DOWN THE AND LOCATIONS, BRACED WALL LAKE KEY WITH WILL DESIGN SHYMARY OF REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES OR REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES OR REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES OR REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES OR REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES OR REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES OR REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES OR REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES OR REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES OR REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES OR REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES ON THE PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES ON THE PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES ON THE PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES ON THE PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES ON THE PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES ON THE PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES ON THE PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES ON THE PROVIDED TOTALS FOR EACH PROVIDE

EXTERIOR WALLS ARE TO BE SHEATHED WITH CS-USP IN ACCORDIANCE WITH SECTION REGILD 3 INLESS NOTED

48" MAX

12'-0" TOTAL MAX WALL HEIGH

EDGE OF CONTINUOUS 4' x 8' SHEET OF SHEATHAKS NOTALL 176'

CSS SHEATHAK ON OUTSDE OF BRACED WALLS (AND NISIDE FACE
WHERE NOTED ON THE FLABA), ATTACH OSE WITH AS WALLS 3' O.C.

ALONG EDGES, NITER EDDATE STUDS, AND FLATES, WHERE
SHEATHAK LAPS HEADER DIRECTLY ABOVE BRACED WALL PANEL,
BE HALLS ARE TO BE SPACED IN A 3' O.C. GRID PATTERN AS SHOUN
AND 6' O.C. IN THE FELLD ABOVE THE OFBINKS INSIDE SHEET(S) (F
INSTALLED) WILL TERMINATE AT THE CELLING LINE (TYP)

6. ALL EXTENDED FER TABLE READS), YETHOD GET TO BE RATHED WEN NOT USNG YETHOD 'GSY, GTPSUM TO BE FASTENED FER TABLE READS)

1. CO-WEN FERENDE TO THE "CONTINUOUS BE REATHNOS WOD STREAMED FER TABLE READS)

1. CO-WEN FERENDE TO THE "CONTINUOUS BE REATHNOS WOD STREAMED WITH THE RELD CHIND. THE YELD CHIND. THE READ CHIND WALL BOARD BY OLD ALL EXTENDED WHAT FERENDE WALL BOARD BY OLD ALL EXTENDED WHAT FOR TO CONSTRUCTION, ORN REPORTS AND FETCH AND SET FALLE READS). FOR EXTENDED WHAT FOR TO CONSTRUCTION, ORN REPORTS FASTER OF PROVIDE SET FALLE READS). FOR EXTENDED READS WALL EXCHANGE FOR ALL SATER FOR TO CONSTRUCTION, ORN REFORM FASTER FOR THE CHART FOR TO CONSTRUCTION. ORN REFORM FASTER FASTER FOR THE FROM CONSTRUCTION FOR MET AND THE CHART FOR TO CONSTRUCTION FOR THE FASTER FOR ACTUAL LENGTH, AND THE FIRST TO CONTRIBUTED IS THE SITE OF ACTUAL LENGTH, FETHOD GE CONTRIBUTED SITE ACTUAL LENGTH, AND THE FOR THE FASTER FASTER FOR ACTUAL LENGTH, YETHOD GE CONTRIBUTED SITE ACTUAL LENGTH, AND THE FOR THE FASTER FASTER FOR ACTUAL LENGTH, YETHOD GE CONTRIBUTED SITE ACTUAL LENGTH, AND THE FOR THE FASTER FOR ACTUAL LENGTH, YETHOD GE CONTRIBUTED SITE ACTUAL LENGTH, AND THE FASTER FOR THE FASTER FASTER FOR THE FASTER FASTER FOR THE FASTER -(2) SITESON CSIS COIL STRAFS W 18" END LENGTHS NISTALLED ON NISIDE OF WALL FASTEN TOP PLATE TO HEADER WITH (2)
ROWS OF 16d SINCER NAILS # 3" OC. 24° MAX. OPTIONAL STEM WALL REINFORCEMENT RODS MAY BE NOTALLED USNS AN ADHESINE ANCHORNS SYSTEM WITH A MINIMIM TISSALE CAPACITY OF 3750 LES AND NOTALLED N ACCORDANCE WITH MANUFACTURER'S SYSCE. SHORT STEM WALL REINFORCEMENT 48" OR LESS 3º COVER-MIN (TYP) (I) 4 REBAR FER BRACED WALL
REQUIREMENTS -NUT AND 2" MIN WASHER -BOND BEAM W (I) & REBAR -BRACED WALL PANEL -5/8" THREADED RODS MAY
BE SUBSTITUTED FOR
ANCHOR BOLTS AND REBAR 6" NTO BOND BEAM X BIN OPT. FACE BROX-TALL STEM WALL REINFORCEMENT

NOTE: GROUT BOND BEAMS AND ALL CELLS WHICH CONTAIN REBAR, THREADED RODS AND ANCHOR BOLTS MASONRY STEM WALLS SUPPORTING
BRACED WALL PANELS (2) PER FIGURE R602.10.43 TYPICAL STEM WALL SECTION -8° CTU

GYPSM WALLBOARD AS REQUIRED AND INSTALLED IN ACCORDANCE WITH CHAPTER 1 (TYP) -

-SEE TABLE RE-023(1) FOR FASTENING

(b) INSIDE CORNER DETAIL (5b)

BRACED WALL PANEL ()
CONNECTION TO
CERPENDICULAR RAFTERS

00

PER FIGURE R602.10.45(1)

MN 24" WOOD STRUCTURAL PAYEL
CORRECT RETURN AN 800 LB HOLD
DOWN DEVICE MAY BE NOTALLED
N LEIJ OF CORNER RETURN

SHE TABLE PARTS/U FOR FASTENING

PANEL BRACED WALL LINE

16d NAIL (3 1/2" x ØJSI") (2 ROUS • 24" OC. -SHEATHING PER FLAN

CONTINUOUS WOOD STRUCTURAL PANEL PANEL PRACED WALL LINE

(c) GARAGE DOOR CORNER DETAIL (SEE PLAN FOR ADDITIONAL STRUCTURAL INFORMATION OR ALTERNATE CONFIGURATIONS)

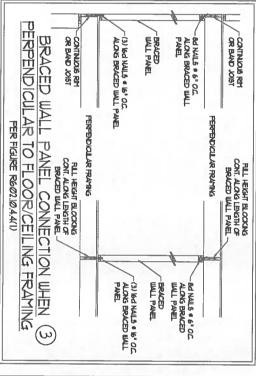
AT EACH PAVEL EDGE (5C)

- MN 24" WOOD STRUCTURAL
PANEL CORNER RETURN AN
800 LB HOLD DOWN DEVICE
TAY BE NOTALLED N LIEU
OF CORNER RETURN

- SOLID BLOCKNS BETHEEN
RAFIES OR TRUSSES
ATTACHED TO TOP PLATES WITH
EN WALLS 6" O.C. ALONG LENGTH
OF BRACED WALL PANEL

6.25" MAX

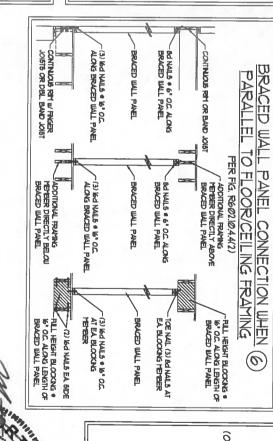
2" MAX OPENING



是現

TIN 2 \times 4 STUDS WITH PONY WALL HEIGHT UP TO 2' MN 2 \times 6 STUDS WITH PONY WALL HEIGHT GREATER THAN 2'

FOR A PANEL SPLICE (F NEEDED), PANEL EDGE® SHALL COCIR OVER AND BE NALED TO COTTION BLOCKING ONE ROJU OF BO NALES ® 3" OC. ALONG EA PANEL EDGE



PER FIGURE R602.10.45(3)
(OR ALTERNATIVE: FIGURE R602.10.45(2)) BRACED WALL PANEL CONNECTION TO PERPENDICULAR ROOF 4'-0" MAX 2° MAX OPENING 6'-0" MAX L TRUSSES -NAILING PER TABLE 1866/23(1) -2 x BLOCKING

33736 R. STROLLER STROLLER detection with M A OTHER

/6/19

OVER RAIGED WOOD FLOOR - FRAMING ANCHOR OPTION APPLICABLE of GREATER THAN 12" KNEE WALL REGITS IN CRAWL GRACE AND ABOVE FRAMED BASEMENT WALLS .

OVER APPROVED BAND OR REM JOIST

END OF THE PORTAL FRAME PANEL

TETHOD PF-PORTAL

FRAME DETAIL

HOLD DOWN DETAIL FOR MASONRY FOUNDATION OR MONOLITHIC SLAB

4

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IN ANCHOR BOLT I WERE A BOLT IS NOT PRESENT, THE HOLD DOWN HAY BE SECURED WAS A 10" X B'S SPECKL THE HOLD DOWN HAY BE SECURED WAS THE SECURED WAS A FECKL THE PROY OF BEILD A THAN OF IT WAS SET HE PROY OF BEILD HALD IN APPROVED ANCHORAS ANESONED, THE HOLD DOWN THEN HO. AND PROYN ARE TO BE NOTALLED FER HAWFACTUREDS SPECFICATIONS.

-(8) 806 1/4" x | 1/2" 8CREUS SIMPSON DITIZZ HOLD DOWN OVER CONCRETE OR MASONRY BLOCK FOUNDATION

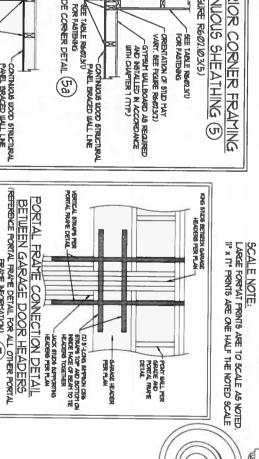
-BOTTOM PLATE SECURED BY IN" DIA BOLTS w! "x 2" x 3%*
PLATE MASHES (THA) BOLTS TO BE NSTALLED WITHIN U" OF
THE BIDS OF EACH PLATE (THA OF TWO ANCHORS PER PLATE
SECTION). FOR MASCHEY STEMMAL CONSTRUCTION OPTIONS,
SEE FIG. RE67(20:43)

CONCRETE OR MASONRY BLOCK FOUNDATION

BRACED WALL NOTES
AND DETAILS AND PF
DETAILS SCVTE: 1/4. - 1.0. DRAWN BY, IST WIF OCTOBER 14, 2018

WALL BRACING NOTES AND DETAILS

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PORTAL FRAME CONNECTION DETAIL
BETWEEN GARAGE DOOR HEADERS
(RHERBUG PORTAL RAVE DETAIL FOR ALL OTHER PORTAL
RAVE MORYATION) / 7)

HIN (TYP)

OPTIONAL NON-STRUCTURAL FILLER PANEL

6" MIN

W REBAR 6" NIO BOND BEAM

BOND BEAM

GYPSIM WALLBOARD AS REQUIRED AND INSTALLED IN ACCORDANCE WITH CHAPTER 1 (TYP)

6d NAIL (3 12" × ØEF)

BRACED WALL PANEL

(a) OUTSIDE CORNER DETAIL (5d) ORIENTATION OF STILD MAY VARY, SEE HOUSE RESOLUTZY)

- EKANERS SEAL AFFLIES ONLY TO STRUCTURAL COMPONENTS NOLLDING ROOF RAFIERS, HIPS, VALLETS, RIDGES, FLOORS, WALLS, BEAMS, HEADERS, COLLIMB, CANTILEMERS, OFFSET LOAD BEARNS WALLS, PERS, GIRDER SYSTEM AND ROOTING. ENGARERS SEAL DOES NOT CERTIFY DIFENSIONAL ACCURANCY OF ARCHITECTURAL LAYOUT NOLLDING ROOF. ENGREERS SEAL DOES NOT APPLY TO 1-JOIST OR FLOOR/ROOF TRUSS. LAYOUT DESIGN AND ACCURACY.
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE NORC), 2018 EDITION, PLUS ALL LOCAL CODES AND REGULATIONS. THE STRUCTURAL BEARERS IS NOT RESPONSIBLE FOR AND ILL NOT HAVE CONTROL OF, CONSTRUCTION HEAVING, TECHNOLOGY, BECHNOLOGY, BEADINGES OR PROCEDURES, OR SAFETY FRECAUTIONS AND PROCEDURS IN CONNECTION WITH THE CONSTRUCTION WORK, NOR WILL THE BEARETE BE RESPONSIBLE FOR THE CONTRACTIONS FAILURE TO CARRY OUT THE CONSTRUCTION WORK, IN ACCORDINACE WITH THE CONTRACT DOCUMENTS.

		30 (par)	COCKE SECTION OF THE	
	(BASED ON TABLE RIGHLY 4) WIND ZONE AND EXPOSURE)	(BASED ON TABLE REGULY)	WAD LOAD	
L/360	5	6	STAIRS	
L/360	5	8	SLEEPING ROOMS	
L/360	5	6	ROOMS OTHER THAN SLEEPING ROOM	
L/360	5	50	PASSENGER VEHICLE GARAGE	
L/360	5	200 LB OR 50 (PLF)	HANDRAIL & GLIARDRAIL &	
L/360	5	6	FIRE ESCAPES	
L/360	5	\$	EXTERIOR BALCONES	
L/360	6	6	DECKS	
1/360	6	6	ATTIC WITHOUT STORAGE	
L/240 (L/260 w BRITLE FNISHE	6	200	ATTIC WITH LIMITED STORAGE	
DEFLECTION (IN)	DEAD LOAD (PSF)	LIVE LOAD (PSF)	DESIGN CRITERIA:	
	ON (R3014 - R3017)	ISKNIB OF THE NORC, 2018 EDITH	STRUCTURAL DEBIAN BASED ON THE PROVISIONS OF THE NCRC, 2018 EDITION (ROBIA - ROBI.)	'n

- 1-JOHT BYSTEMS DESIGNED WITH B PSF DEAD LOAD AND DEFLECTION (IN) OF LIABO FLOOR TRUBS SYSTEMS DESIGNED WITH IS PSF DEAD LOAD
- FOR 15 AND 20 MFH WIND ZONES, FOUNDATION ANCHORAGE IS TO COMPLY WITH SECTION RADGES OF THE NORC, 2016 EDITION. FOR 50 MFH, HID FEM, AND 50 MFH WIND ZONES, FOUNDATION ANCHORAGE IS TO COMPLY WITH SECTION 4504 OF THE NORC, 2016 EDITION.
- EMERGY EFFICIENCY CONFILIANCE AND NOILLATION VALUES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER II OF THE NORC, 2006 EDITION

FOOTING AND FOUNDATION NOTES

- FOUNDATION DESIGN BASED ON A MINIMUM ALLOWABLE BEARANS CAPACITY OF 2000 PSF. CONTACT GEOTECHNICAL ENGINEER IF BEARANS CAPACITY IS NOT ACHIEVED.
- FOR ALL CONCRETE \$4.489 AND FOOTING, THE AREA WITHIN THE FERNETIER OF THE SUILLINK BIVELOTE \$444L HAVE ALL YESTIATION, TOP SOIL AND FOREIGN MATERIAL. REPOYED, FILL MATERIAL, \$444L BE COMPACTED TO ASSIRE UNFORM SUPPORT OF THE \$4.49, AND EXCEPT UNFOR APPROYED, THE RILL DEPTHS \$444L NOT EXCEED AN FOR EXAMPLE \$444L NOT EXCEED AN FOR EXAMPLE \$444L BE FLACED, A BASE COURSE IS NOT REQUIRED WHERE A CONCRETE \$1.49 IS NOTALLED ON WELL-DRAINED OR \$440-GRAVEL SHALL BE FLACED, A BASE COURSE IS NOT REQUIRED WHERE A CONCRETE \$1.49 IS NOTALLED ON WELL-DRAINED OR \$440-GRAVEL MOTIFE \$501.5 CLASSFED AS GROUP I, ACCORDING TO THE WHEN \$501.5 CLASSFED AS
- PROPERTY DEMAIRS BOCAVATION PROOR TO POURNIS CONCRETE UNEN BOTTOM OF CONCRETE BLUE IS AT OR RELIGII MATER TABLE IF APPLICABLE, 3/4" I" DEEP CONTROL JONAS ARE TO BE SAMED WITHIN 4 TO D HOURS OF CONCRETE FINISHING AND WALL LOCATIONS HAVE BEEN MARKED, JOJUST WERE NECESSARY.
- CONCRETE SHALL CONFORM TO SECTION RADIZ OF THE KIRCY, 2008 EDTHON. CONCRETE RENFORCING STEEL, OF SE ASTM ASIS GRADE 640. HELDED HIRRE FAURED TO SE ASTM ASIS. THANTIAM A THANTHY CONCRETE CONFIGE AND DENFORCING STEEL OF 3" IN FOOTHERS AND IN!" IN SLABS, FOR POLIFED CONCRETE MALLS, CONCRETE CONFIE FOR RENFORCING STEEL PESSURED FROM THE MODE FACE OF THE WALL SHALL SHALL SHOT SELESS THAN 34". CONCRETE CONFIE OFF RENFORCING STEEL PESSURED FROM THE WITH SHALL SHA
- MABONRY UNITS TO CONFORM TO ACE 530/ASCE 5/THS 407, MORTAR SHALL COMFORM TO ASTM COTIO.
- 6. THE UNMPORTED HEIGHT OF MASCARY PIETS SHALL NOT EXCEED FOR THESE THERE LEAST DIFERSION FOR UNFILED HOLLOU CONCRETE MASCARY WITS AND THE THESE THERE LEAST DIFERSION FOR UNFILED HOLLOU CONCRETE OF THE ATE AT THE PALLO SOLID WITH CONCRETE OR THE HORSE HORSE AT THE HORSE SOLID FASCARY.
- THE CENTER OF EACH OF THE PERES SHALL BEAR IN THE MIDDLE THIRD OF TH'S RESPECTIVE FOOTING, EACH GIRDER SHALL BEAR IN THE MIDDLE THIRD OF THE PERES.
- 8. ALL CONCRETE AND MASONEY FOUNDATION WALLS ARE TO BE CONSTRUCTED IN ACCORDINGE WITH THE PROVISIONS OF BECTICAL RAPA OF THE KNEW, 2008 EDITICAL OR IN ACCORDINGE WITH ACT 30% ACT 330. XCM 189-6A OR ACT BE SENIANCE STIME 400. THOURD WALLS ARE TO BE REINFORCED FER TABLE RAPALIXI), RAPALIXI), OR RAPALIXI OF THE KNEW, 2008 EDITICAL CONCRETE EXAMATION WALLS ARE TO BE REINFORCED FER TABLE RAPALIXI) OF THE KNEW, 2008 EDITICAL SHEET CONCRETE FOUNDATION WALLS TO 2 × 6 FRAMED WALLS AT 16" OC. WHERE GRADE FERMING (UNC).

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FRAMING NOTES

- ALL FRANKS LINDER SHALL BE 73 SFF HINNIN (Fb = 875 FB), Fv = 375 FB), E = 16,000,000 FB)) IN ESS NOTED OTHERWISE (IND).
 TREATED LINDER SHALL BE 73 STP HINNIN (Fb = 875 FB), Fv = 175 FB), E = 16,000,000 FB)) IN LESS NOTED OTHERWISE (IND).
- LAMANIED VEREER LIPEER (1,VL) SHALL HAVE THE FOLLOUNG HINNIM PROPERTIES: TO 2660 PSI, FV = 255 PSI, E = 1500000 PSI, LAMANIED STRAND LIPEER (1,SL) SHALL HAVE THE FOLLOUNG HINNIM PROPERTIES: TO = 2305 PSI, FV = 300 PSI, E = 8500000 PSI, PARALLEL STRAND LIPEER (PSL) UP 10 1" DEFTH SHALL HAVE THE FOLLOUNG HINNIM PROPERTIES: TO = 2500 PSI, E = 15000000 PSI, PARALLEL STRAND LIPEER (PSL) HORE THAN 1" DEFTH SHALL HAVE THE FOLLOUNG HINNIM PROPERTIES: TO = 2500 PSI, E = 15000000 PSI, PARALLEL STRAND LIPEER (PSL) HORE THAN 1" DEFTH SHALL HAVE THE FOLLOUNG HINNIM PROPERTIES: TO = 2500 PSI, E = 15000000 PSI, PSI, NSTALL ALL CONNECTIONS FER HANDFACTURER'S SPECIFICATIONS.

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N.C. LICENSE NO.: C-1733

- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECFICATIONS
- WAD IN SHAPES.
 CHANELS AND SHARES.
 HOLLOW STRUCTURAL SECTIONS:
- STELL BEAYS SHALL BE SUPPORTED AT EACH BYD WITH A MININIM BEARDS LENGTH OF 3 17" AND RILL RUNKE WIDTH (NIV.). PROVIDE SOLID BEARDS HEAT BEAY SUPPORT OF DUNCH CAND. BEAYS SHALL BE ATTACHED AT THE BOTTOM RUNKE TO EACH SUPPORT AS ASTIM ASS, GRADE B, TYPE E OR S

B. CONCRETE

C. MASONEY (FULLY GROUTED) A WOOD FRAMING (2) 12" DIA x 4" LONS LAG SCREUB
(2) 12" DIA x 4" LEDGE ANCHORB
(2) 12" DIA x 4" LONS SITTEON TITEN HD ANCHORS

SCLIVES DENOTE POWT LOADS UPCH RECURE SOLD BLOCKING TO GIRDER OR FOUNDATION, SHADED SCLIVESS DENOTE POWT LOADS FROM ABONE WHICH RECURE SOLD BLOCKING TO SUFFORTING YEITERS BELOIL LATERAL SEPORT IS CONSIDERED ADEQUATE PROVIDING THE JOSTS ARE TOE MAILED TO THE 2x MAILER ON TOP OF THE STELL BEAY, AND THE 2X MAILER IS SECURED TO THE TOP OF THE STELL BEAY IN (2) ROUS OF SELF TAPPAS SCREUS & 16" O.C. OR (2) ROUS OF 10" DIAFETER BOLTS & 16" O.C. F 10" BOLTS ARE USED TO FASTEN THE MAILER THE STELL BEAY SHALL BE FARRICATED W (2) ROUS OF SAS" DIAFETER HOLES & 16" O.C.

- ALL LOAD BEARNS HEADERS TO CONFORM TO TABLE READ. TO AND READ. (2) OF THE NORC, 2018 EDITION OR BE: (2) 2 x 6 WTH (1) JACK AND (1) KNS STILD EACH BYD (NO.) WHICHEVER IS GREATER ALL HEADERS TO BE SECURED TO EACH JACK STILD WTH (4) 84 WALLS. ALL BEARNS TO BE SUPPORTED WTH (2) STILDS AT EACH BEARNS PONT (NO.). NSTALL KNS STILDS FER SECTION READ. TO FINE NORTH CARCLINA RESIDENTIAL CODE, 2018 EDITION.
- ALL BEAMS, HEADERS, OR GIRDER TRUSSES PARALLEL TO WALL ARE TO BEAR RILLY ON (1) JACK OR (2) STUDS MINIMAY OR THE NAMER OF JACKS OR STUDS WOTED. ALL BEAMS OR GIRDOR TRUSSES FERREDUCLLAR TO WALL AND SUPPORTED BY (3) STUDS OR LESS ARE TO MAKE IN? HANTHY BEARDS (AND). ALL BEAMS OR GIRDOR TRUSSES FERREDUCLLAR TO WALL AND SUPPORTED BY MORE THAN (3) STUDS OR OTHER WOTED COLLINA ARE TO BEAR RILLY ON SUPPORT COLLINA FOR BITTER WALL DEPTH (NO.). BEAM BIDGS THAT BUTT NTO ONE ANOTHER ARE TO EACH BEAR EQUAL LENGTHS (NO.).
- PLICH BEAMS SHALL BE BOLIED TOGETHER WANS IN' DIAMETER BOLITS (ASTH ASOT) WITH WANERS FLACED AT THREADED BID I BOLITS SHALL BE SPACED AT 24" CENTERS (MAXIMM), AND STAGGERED AT TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE), WITH LOCATED AT 6" PROM EACH BID (IND.)
- ALL 1-10/51 OR 178,156 LAYOUTS ARE TO BE IN CONFILIANCE WITH THE OVERALL DESKAN SPECIFIED ON THE PLANS. ALL DEMATICAS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD FROM TO INSTALLATION.
- BRACED WALL PAYELS SHALL BE CONSTRUCTED ACCORDING TO THE NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION WALL BRACING CRITERIA THE APOUNT, LENGTH, AND LOCATION OF BRACING SHALL COPPLY WITH ALL APPLICABLE TABLES IN SECTION RE602.05.
- PROVIDE DOUBLE JOIST INDER ALL WALLS PARALLEL TO PLOCK JOISTS. PROVIDE SUPPORT INDER ALL WALLS PARALLEL TO PLOCK TRUSSES OR I-JOISTS PER MANFACTURER'S SPECIFICATIONS. INSTALL BLOCKING BETWEEN JOISTS OR TRUSSES FOR POINT LOAD SUPPORT FOR ALL POINT LOADS ALONG OFFSET LOAD LINES.
- FOR ALL HEADERS SUPPORTING BROCK YENERS THAT ARE LESS THAN 8"-0" IN LENGTH, REST A 6" x 4" x 5%" STEEL ANGLE WITH 6" INNIVITY
 ETEMPHRIT AT SUDES FOR BROCK SUPPORT (MIAD). FOR ALL HEADERS 8"-0" AND GREATER IN LENGTH, BOALT A 6" x 4" x 5%" STEEL ANGLE
 TO HEADER WITH 10" LAG SCREWS AT E" O.C. STACGERED FOR BROCK SUPPORT. FOR ALL BROCK SUPPORT AT ROOF LINES, BOAT A 6" x 4" x
 5%" STEEL ANGLE TO (2) 2 x W BLOCKNS INSTALLED W (4) IZM INMLS EX, FLY BETTLEDH WALL STUDS WITH (2) ROUS OF 1/2" LAG SCREWS AT
 E" O.C. STACGERED AND IN ACCORDANCE WITH SECTION RYBINDED OF THE NURS, 20% BDITION.
- FOR STICK FRAYED ROOFS, CIRCLES DEWOTE (3) 2 x 4 POSTS FOR ROOF HENSER BUFFORT, HIP SPLICES AGE TO BE SPACED A HINNAH OF SHOT KENSIEN WITH THERE ROUS OF DA HIALLS AT 16" OC. FRANSE DORNER WALLS ON TOP OF DOUBLE OR TRIPLE RAYTERS AS
- FOR TRUBBED ROOFS: FRAME DORMER WALLS ON TOP OF 2 x 4 LADDER FRAMING AT 24" OC. BETWEEN ADJACENT ROOF TRUBBES. FRAME OVER-FRAMED ROOF BECTIONS WITH 2 x 8 REDGES, 2 x 6 RAFTERS AT 16" OC. AND FLAT 2 x 10 YALLEYS (UND).
- ALL 4 x 4 AND 6 x 6 POSTS TO BE NISTALLED WITH 100 LB CAPACITY WILET CONNECTORS TOP AND BOTTOM (NAV.) POSTS MAY BE SECRED UNKS ORE SMYFSCH 16 OR LTSS WILET CONNECTOR FASTENED TO THE BAND AT THE BOTTOM AND THE BEAM AT THE TOP OF EACH POST, ORE 16" SECTION OF SMYFSCH CASE COLL STRAFFPING WITH (18 BAD HOS WALE AT EACH BID MAY BE USED IN LIEU OF EACH TURST STRAFF F DESIRED. FOR MASCHET OR CONCRETE FOUNDATION WE SMYFSCH POST BASE.

9/6/19

SCALE NOTE:
LARGE FORTAT PRINTS ARE TO SCALE AS NOTED.
II' x 11' FRINTS ARE ONE HALF THE NOTED SCALE.

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White L DRAWN BY JES CTOBER 19, 2018

STANDARD STRUCTURAL NOTES