*These plans to be used in conjunction with NCORR standard architectural and MEP plans for:

STRUCTURAL SHEET INDEX:

S000 - COVER SHEET

S100 - GENERAL NOTES & PLANS

S200 - DETAILS

S201 - TRUSS PROFILES

STRUCTURAL PLANS FOR: REBUILD NC 373 FLOWERS DRIVE, SANFORD, NC 27332

JULIA II FLOOR PLAN



LOCATION MAP NOT TO SCALE



ARCHITECT / ENGINEER:

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FOUNDATIONS

	 REINFORCING STEEL (#3 AND LARGER) SHALL BE LAPPED A MINIMUM OF 72 BAR DIAMETERS. 	PRE-ENGINEERED WOOD TRUS
S OF THE 2018	 ALL BLOCK CELLS SHALL BE FILLED SOLID WITH GROUT WHERE REINFORCING BARS OCCUR. 	1. ALL PRE-ENGINEERED WOOD TRUSS WORK SHALL CO DESIGN SPECIFICATION FOR WOOD CONSTRUCTION A
AD AND STRIP		2. ALL MEMBERS SHALL BEAR AN APPROVED GRADE STA
ESSURE OF 2000 UM DRY DENSITY.	SAWN LUMBER AND SHEATHING	3. TRUSS MANUFACTURER SHALL PROVIDE DRAWINGS A CALCULATIONS PREPARED AND SEALED BY A QUALIFI
	 ALL LUMBER WORK SHALL COMPLY WITH THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, ANSI/AWC NDS. 	NORTH CAROLINA. MNFR DRAWINGS SHALL INCLUDE DETAILS SHOWING ALL REQUIRED TRUSS PLATES, BLC
	2. ALL MEMBERS SHALL BEAR AN APPROVED GRADE STAMP.	CONNECTION MATERIALS AND OTHER ITEMS AS REQU
VE AS A VENT.	 ALL DIMENSIONAL LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH MASONRY SHALL BE PRESERVATIVE TREATED. 	 COMPLETE INSTALLATION. CALCULATIONS SHALL CLEARLY INDICATE ALL DESIGN DRAWINGS AND OTHER LOADS AS REQUIRED TRUSSI
	 NAILS SHALL BE COMMON WIRE NAILS, UNLESS NOTED OTHERWISE. MULTI-PLY BEAMS SHALL BE FASTENED TOGETHER WITH 8d NAILS @ 16" O.C., T&B, 	"IN PLACE" LOADS AND MUST BE DESIGNED TO WITHS
	STAGGERED.	THE THUSS OF ATE MANUEACTURED SHALL BE A MEME
S FOR DING CODE	6. U.N.O., ALL SHEATHING SHALL BE FASTENED WITH 8d COMMON NAILS AT 6" AND 12" SPACING FOR EDGE AND FIELD, RESPECTIVELY. WALLS SHALL BE BLOCKED.	INSTITUTE. THE TRUSS FABRICATOR SHALL BE A MEME PARTY QUALITY ASSURANCE PROGRAM THAT MEETS
	ROOF SHEATHING: 1/2" APA RATED OSB	REQUIREMENTS.
	SUBFLOOR: 3/4" APA RATED T&G PLYWOOD	6. DESIGN TRUSS TO WITHSTAND LOADS SHOWN ON DR
FORCING STEEL	7. WALL PANEL HORIZONTAL EDGES SHALL HAVE 8d COMMON NAILS @ 3" O.C.	DEFLECTIONS GREATER THAN L/360 FOR FLOOR TRUS
LLER) OR 48 BAR	8. ROOF SHEATHING NAILING AT FIELD SHALL BE REDUCED TO 6" SPACING FOR	TRUSSES.
,	MINIMUM 48" DISTANCE FROM RIDGES, EAVES, AND GABLE ENDS.	TOP CHORD LIVE: 20 PSF
S.		TOP CHORD COLLATERAL: 15 PSF
18.	STRUCTURAL COMPOSITE LUMBER	BOT CHORD COLLATERAL: 10 PSF
		TRUSS SELF WEIGHT: BY TRUSS MNFR
	1. ALL STRUCTURAL COMPOSITE LUMBER WORK SHALL COMPLY WITH THE NATIONAL	WIND LOADS: CALCULATED BY
	DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, ANSI/AWC NDS.	ΜΑΤΕΡΙΑΙ Ο
	2. ALL MEMBERS SHALL BEAR AN AFFROVED GRADE STAMP. 3. STRUCTURAL COMPOSITE LUMBER (SCL) DESIGN IS BASED ON THE FOLLOWING	MATERIALS
S FUR MASUNRY	MINIMUM DESIGN PROPERITES:	1 STEEL
VEIGHT, WITH A	LVL: $F_b = 2,600 \text{ PSI}$ $F_{c\perp} = 750 \text{ PSI}$	BOLTS (WOOD FRAMING): ASTM A307
OCK AREA.	$F_v = 285 \text{ PSI}$ $E = 1,900 \text{ KSI}$	BOLTS (ANCHOR): ASTM F1554 GRA
MINIMUM	GLULAM: 24F-V5 SP/SP	METAL DECKING: ASTM A653 GRAD
	4. LVL MEMBERS SHALL BE PROTECTED FROM WEATHER ACCORDING TO THEIR	2. <u>REINFORCING STEEL</u>
UM AGGREGATE	MANUFACTURER'S RECOMMENDATIONS. GLULAM BEAMS ARE TO BE PRESERVATIVE	
FOIAT ZO DATO.		

SES

3. <u>CONCRETE</u> FOOTINGS:

SIZE	SIMPSON PART NO.	SIZE	SIMPSON PART NO.
2x6	LUS26	2x10	LUS210
(2) 2x6	LUS26-2	(2) 2x10	HUS210-2
(3) 2x6	LUS26-3	(3) 2x10	HUS210-3
2x8	LUS28	2x12	LUS210
(2) 2x8	LUS28-2	(2) 2x12	HUS212-2
(3) 2x8	LUS28-3	(3) 2x12	HUS212-3





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