

PARTIAL ROOF MAIN FRAMING PLAN  
1/8"=1'-0"

- NOTE: 1) PROVIDE A NEW WEDGE WOOD SHIM AS NECESSARY TO ATTAIN FULL BEARING BETWEEN (E) WOOD BEAM AND TIMBER TRUSS.  
2) TYPICAL STEEL REINFORCEMENT FOR ALL MAIN WOOD BEAMS AT ROOF HP.

PROVIDE ANCHOR STRAP FROM TABLE BELOW AT EACH BEARING POINT FOR EACH WOOD TRUSS AND EACH GIRDER TRUSS ADEQUATE TO RESIST UPLIFT AS SPECIFIED BY THE WOOD TRUSS MANUFACTURER.

TRUSS TIE DOWN SCHEDULE

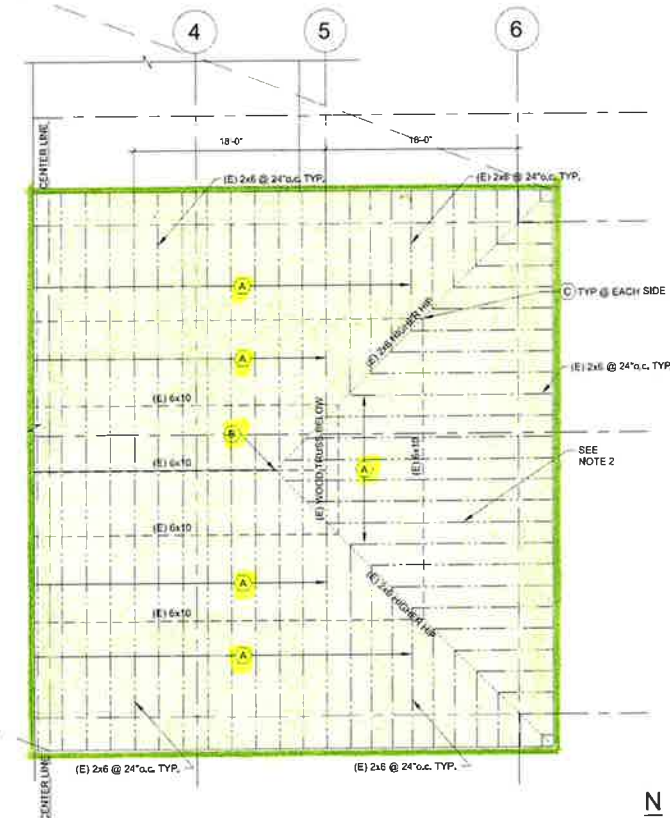
MARK	MANUF. & MODEL NO.	NAILS TO COMPONENT
(A)	SWITCH 111	(12) 10d x 3"
(B)	SWITCH 111	(14) 10d x 3"
(C)	SWITCH 111	(6) 10d x 1 1/2"

- NOTES:  
1. (1) - ONE PLY MEMBER (2) - TWO PLY (MIN.) MEMBER  
2. T.B. - THROUGH-BOLT  
3. UNLESS NOTED OTHERWISE  
4. APPROXIMATE EQUAL ON EITHER SIDE FOR THE SAME LATERAL & UPLIFT LOADS ARE ACCEPTABLE.  
5. USE SIMPSON "SET" EPOXY W/ 5" MIN. EMBED.  
6. USE SIMPSON "SET" EPOXY W/ 5" MIN. EMBED.  
7. 3/16" SCS SCREWS IS AN ACCEPTABLE SUBSTITUTION IN LIEU OF 10d NAILS.

REAR  
(NORTH)

PLYWOOD SHEATHING NAILING SCHEDULE (WALLS AND ROOF)		
NAIL SIZE	NAIL SPACING	ZONE
10d RING SHANK	F @ EDGES, C @ INTERMEDIATE SUPPORTS	ROOF ① ② ③

CORNER DISTANCE, A = 9 FEET  
MIN. 1" 1/2" EMBEDMENT INTO WOOD JOIST TYP.



SECONDARY PARTIAL ROOF FRAMING PLAN  
1/8"=1'-0"

- NOTES: 1) NEW UPLIFT STRAPS TO BE ALSO INSTALLED FOR WEST END OF THIS ROOF AREA.  
WEST END FRAMING SIMILAR TO EAST END AS SHOWN ABOVE.  
2) FASTEN NEW 5/8" PLYWOOD SHEATHING TO EXISTING WOOD JOISTS. EXISTING TONGUE AND GROOVE PLANKS TO REMAIN.

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PERMIT SET  
06/20/23

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Replacement & Exterior  
Restoration

535 Park Avenue, Lake Park,  
FL 33403

NO. DATE DESCRIPTION

DATE: 04.10.2023  
MODELER: LA  
CHECKER: BL/REG  
REG PROJECT #: 22029

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PARTIAL ROOF  
FRAMING PLAN

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S-1

STRUCTURAL NOTES (RENOVATION AND REPAIRS)

CONTRACTOR NOTE:

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. O'DONNELL, NACCARATO, MIGNOGNA & JACKSON, INC. IS NOT RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION OR FOR RELATED SAFETY PRECAUTIONS AND PROGRAMS.

010 CODES AND STANDARDS

1. WIND LOADS AS PER:

A. SECTION 1609 OF THE FLORIDA BUILDING CODE 7TH EDITION (2020) WITH AN ULTIMATE WIND SPEED VULT = 130 MPH (NOMINAL WIND SPEED VASD = 130 MPH) FOR RISK CATEGORY III, EXPOSURE C AND INTERNAL PRESSURE COEFFICIENT  $\pm 0.18$ .

B. THIS BUILDING IS DESIGNED AS AN (ENCLOSED) BUILDING.

2. THE PROJECT WAS DESIGNED IN ACCORDANCE WITH THE:

A. FLORIDA BUILDING CODE 7TH EDITION (2020).

3. ARCHITECTURAL AND MECHANICAL DRAWINGS:

A. THE STRUCTURAL DRAWINGS ARE PART OF THE CONTRACT DOCUMENTS AND DO NOT BY THEMSELVES PROVIDE ALL THE INFORMATION REQUIRED TO PROPERLY COMPLETE THE PROJECT STRUCTURE. THE GENERAL CONTRACTOR SHALL CONSULT THE ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND EVERY OTHER DRAWING CREATED TO CONSTRUCT THIS PROJECT AND COORDINATE THE INFORMATION CONTAINED IN THESE DRAWINGS WITH THE STRUCTURAL DRAWINGS TO PROPERLY CONSTRUCT THE PROJECT.

B. REFER TO ARCHITECTURAL, MECHANICAL OR ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS, DEPRESSIONS, FINISHES, INSERTS, BOLTS, SETTINGS, DRAINS, REGLETS, ETC.

C. BEFORE ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS TO PROPERLY SIZE OR FIT THE WORK. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED BY THE OWNER RESULTING FROM THE CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT.

011 SPECIALTY ENGINEERED PRODUCTS

1. THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE THE PROPER SUBMISSION OF SPECIALTY ENGINEERED/DELEGATED DRAWINGS WHICH SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE OF FLORIDA. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THE SPECIALTY ENGINEERED DRAWINGS ARE SUBMITTED IN A TIMELY MANNER SO AS TO ALLOW REVIEWS AND RESUBMISSIONS AS REQUIRED. ALL SPECIALTY ENGINEERED PRODUCTS SHALL BE DESIGNED FOR THE APPROPRIATE GRAVITY LOADS AND WIND LOADS INCLUDING UPLIFT AND LATERAL LOADS. INTERIOR SPECIALTY PRODUCTS SHALL BE DESIGNED FOR LATERAL LOADS TO ASSURE STABILITY. SPECIALTY ENGINEERED PRODUCTS SHALL BE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

A. LIGHT GAUGE METAL INCLUDING BUT NOT LIMITED TO: SOFFITS, CLADDING, CEILINGS, ETC.

B. MISCELLANEOUS METALS INCLUDING STEEL STAIRS, HAND RAILS AND SAFETY RAILS, MECHANICAL EQUIPMENT SUPPORTS, FRAMES THAT SUPPORT MACHINES, PIPES OR OTHER STRUCTURAL METAL USED FOR SUPPORT OF MECHANICAL SYSTEMS.

C. MISCELLANEOUS HANGERS, CHANDELIERS, CABINETS, METAL FRAMES, LADDERS, RIGGING, HANGING WALLS, RAILINGS, GLAZING FRAMES, CLADDING SUCH AS STONE, PRECAST CONCRETE, ALUMINUM, METAL PANELS, CABLE BARRIER SYSTEMS, ETC. OR ANY OTHER MISCELLANEOUS PRODUCT REQUIRED BY ANY OF THE CONSTRUCTION DOCUMENTS.

GENERAL CONTRACTOR TO INCLUDE IN THEIR BID THE COST OF THE ABOVE NOTED SPECIALTY ENGINEERING.

012 ADDITIONS/RENOVATIONS

1. ALL EXISTING CONDITIONS, DIMENSIONS, LOCATIONS AND ELEVATIONS OF EXISTING STRUCTURES SHOWN ON THE DRAWINGS SHALL BE VERIFIED BY THE GENERAL CONTRACTOR IN THE FIELD AND COORDINATED WITH THE NEW CONSTRUCTION PRIOR TO PREPARATION OF WORKING OR SHOP DRAWINGS OR FABRICATION AND COMMENCEMENT OF ANY WORK. IF DISCREPANCIES ARE DISCOVERED BETWEEN EXISTING CONDITIONS AND CONTRACT WORK, THE GENERAL CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OR ENGINEER PRIOR TO PERFORMANCE OF ANY WORK.

2. PRIOR TO SHOP DRAWING PREPARATION, THE GENERAL CONTRACTOR IS TO INVESTIGATE AND VERIFY ACTUAL FIELD CONDITIONS, EXPOSED OR CONCEALED AND TAKE INTO ACCOUNT ANY POSSIBLE CONSTRUCTION INTERFERENCES AND RELOCATIONS OF, BUT NOT LIMITED TO, STRUCTURES, EQUIPMENT, UTILITIES, CABLES, DUCT LINES, PIPING, DRAIN LINES, ETC.

3. ANY PORTION OF EXISTING STRUCTURE ADJACENT TO THE CONSTRUCTION WHICH MAY BE DISTURBED OR DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO A CONDITION AS GOOD AS BEFORE THE COMMENCEMENT OF THE WORK AT NO ADDITIONAL COSTS TO THE OWNER.

4. EXISTING STRUCTURE SHALL BE PROTECTED, MAINTAINED AND SUPPORTED DURING THE CONSTRUCTION WORK.

5. THIS BUILDING HAS NEW WINDOW OR DOOR REPLACEMENTS. IF THE BUILDING DEPARTMENT REQUIRES AN ENGINEERING EVALUATION, REINFORCEMENT AROUND THE EXISTING OPENING, MAYBE REQUIRED DUE TO NOT ADEQUATE EXISTING CONDITIONS, THE CONTRACTOR SHALL PROVIDE IN THEIR BID AS A SEPARATE LINE ITEM ALLOWANCE FOR THE UNKNOWN REINFORCEMENTS.

050 WOOD

1. ALL STRUCTURAL WOOD MEMBERS ARE DESIGNED AS "DRY-USE". MOISTURE CONTENT MUST BE 19% OR LESS. STORE WOOD FRAMING ABOVE GROUND AND UNDER TARPS WITH PROPER AIR CIRCULATION.

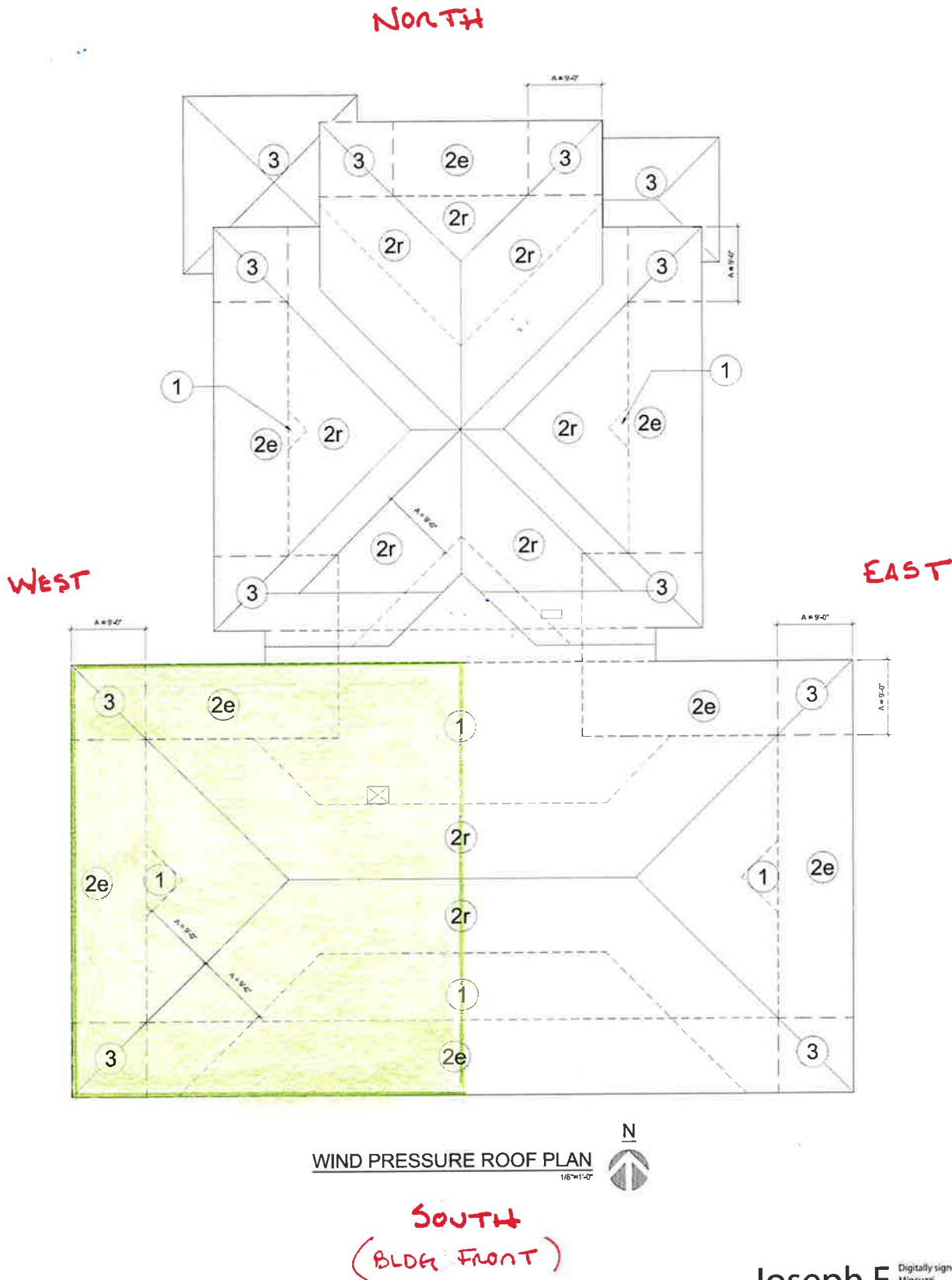
2. ALL LUMBER SHALL BE SOUTHERN PINE SPECIES #1 DENSE GRADE OR APPROVED EQUAL. ALLOWABLE DESIGN STRESSES SHALL FOLLOW NATIONAL DESIGN SPECIFICATION (NDS) (LATEST EDITION).

3. PLYWOOD SHEATHING:

A. ROOF: Use (19/32" OR 23/32") 4020 RATED STRUCTURAL 1, EXP. 1, PLYWOOD SHEATHING.

B. SEE FRAMING PLANS FOR DIAPHRAGM NAILING TYPE, SIZE, SPACING AND LOCATIONS.

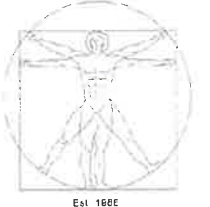
4. WOOD CONNECTIONS - ALL NAILS USED FOR STRUCTURAL FRAMING MEMBERS SHALL BE COMMON WIRE, U.N.O., ALL NAILS, TRUSS HANGERS, TRUSS ANCHORS AND STRAPS SHALL BE GALVANIZED FOR CORROSION RESISTANCE. ALL METAL STRAPS MUST BE INSTALLED WITH EQUAL LENGTHS ABOUT THE JOINT LINE. USE SIMPSON STRONG-TIE CONNECTOR PRODUCTS OR APPROVED EQUAL. TOE NAILING WILL NOT BE PERMITTED.



ALLOWABLE				
COMPONENT & CLADDING				
WIND DESIGN PRESSURES				
PRESSURES BASED ON V <sub>ULT</sub>	ROOF WIND LOADS			
	ROOF AREA (10 SF)			
	1	2e	2r	3
K <sub>s</sub> IS INCLUDED	36.0	36.0	36.0	36.0
PRESSURE (PSF)	-63.0	-94.2	-102.7	-84.2
SUCTION (PSF)				

1. EXTERIOR GLAZED OPENINGS IN BUILDINGS SHALL COMPLY WITH FLORIDA BUILDING CODE 7TH EDITION (2020) BY EITHER BEING DESIGNED FOR IMPACT RESISTANCE OR BEING PROTECTED BY IMPACT PROTECTIVE SYSTEMS.  
2. REFER TO STRUCTURAL NOTES FOR ALL WIND LOAD PARAMETERS.  
3. CORNER DISTANCE, A = 5 FEET.

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06/06/2023

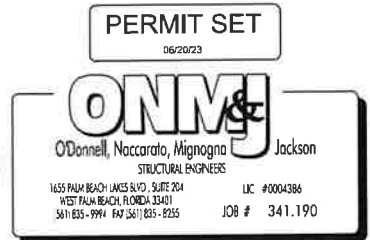
ROOF PLAN -  
RE-ROOFING

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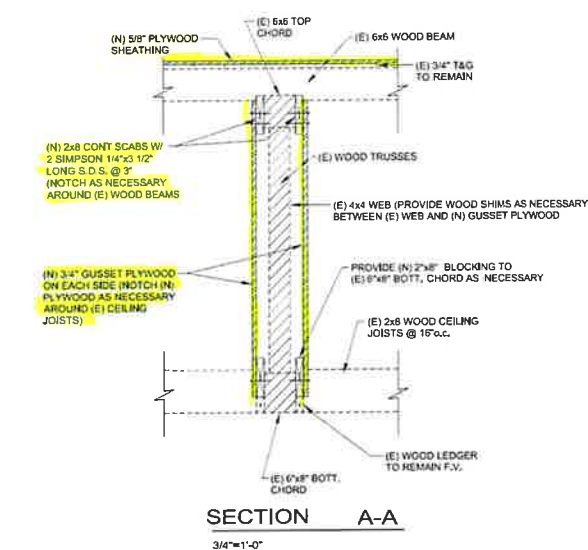
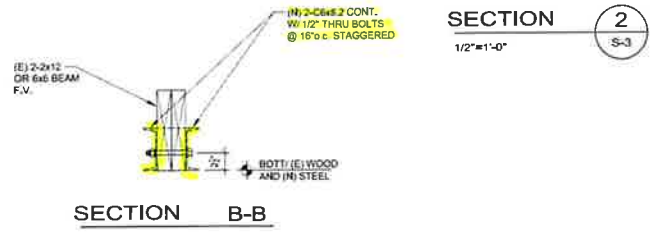
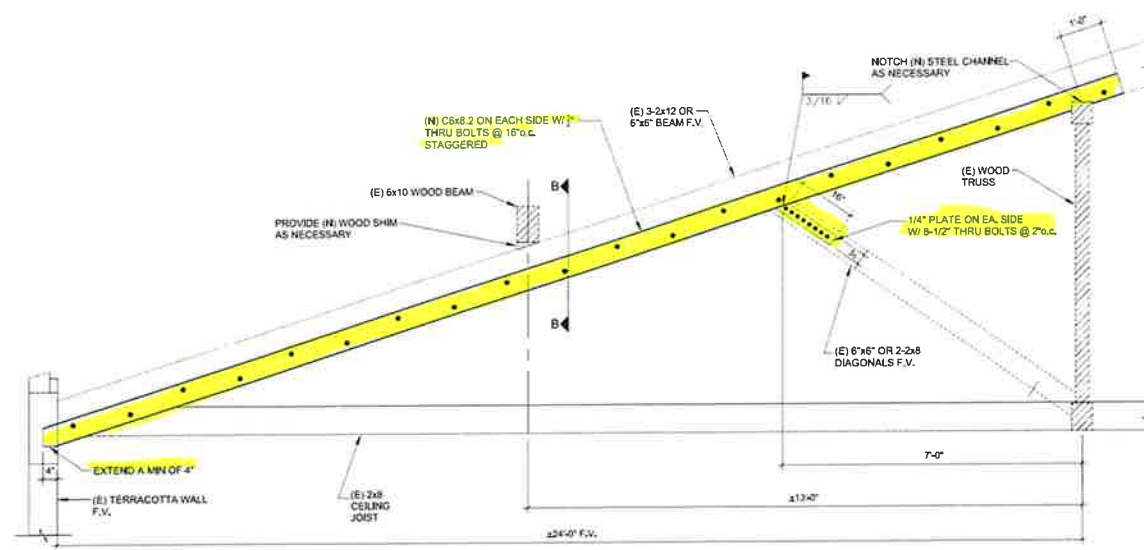
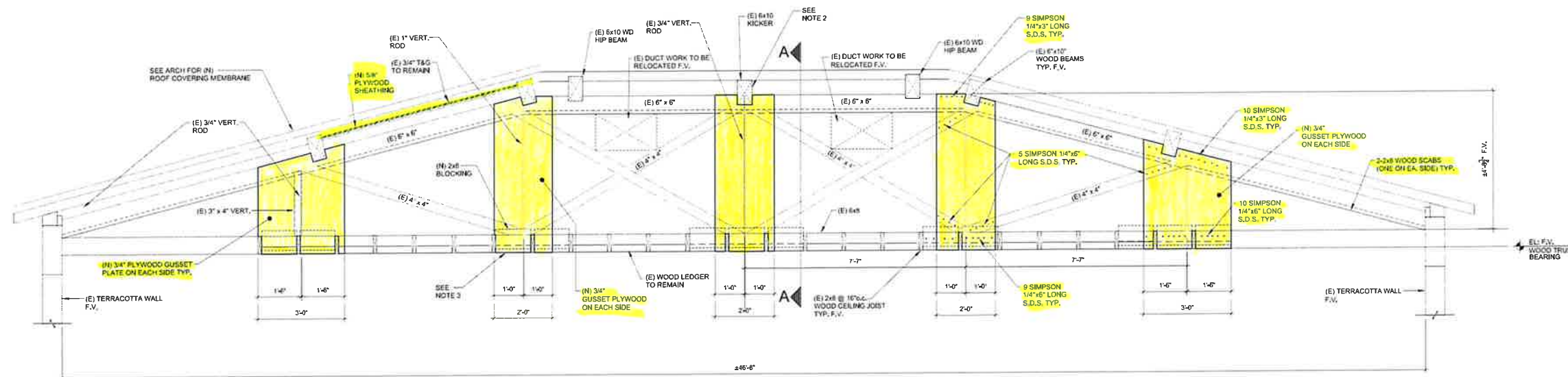
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**LAKE PARK**  
HISTORICAL RESOURCES

Town Hall Structural Roof Replacement & Exterior Restoration

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SECTION

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**S-3**