GENERAL NOTES: ICTUR, RNICES, 1. The notes on the drawings are not intended to replace specifications. in addition to general notes. See specifications for requirements 2. Structural drawings shall be used in conjunction with job SE SE specifications and architectural, mechanical, electrical, plumbing, and site drawings. Consult, openings, chases, inserts, reglets, sleeves, depressions, and other details not ENGINEERING SIX Q STREET SOUTH PORTI AND N shown on structural drawings. 3. All dimensions and conditions must be verified in the field. Any discrepancies shall be brought to the attention of the engineer before proceeding with the affected part of the work. 4. Do not scale plans. 5. Sections and details shown on any structural drawings shall be considered typical for similar conditions. 6. All propietary products shall be installed in accordance with the manufacturers written instructions. 7. The structure is designed to be self supporting and stable after the erection is complete. It is the contractor's sole responsibility to determine erection procedures and sequencing to ensure the safety of the building and its components during erection. This includes the addition of necessary shoring, sheeting temporary bracing, guys or tiedowns. Such material shall remain the property of the contractor after completion of the project 8. All applicable federal, state, and municipal regulations shall AJOSEPH H be followed, including the federal department of labor LEASURE - 2x4 @ 16" O.C. INTERIOR BEARING WALL occupational safety and health act. No. 6242 - FASTEN LVL TO EXISTING POST W/SIMPSON W/2x4 TOP PLATE (BENEATH 2-2x12) HUCQ612-SDS HANGER W/CONCEALED AND 2-2x4 BOTTOM PLATE ON EXISTING CONC SLAB HERE ONLY FLANGES AT BOTH ENDS OF LVL (TYP.) DESIGN LOADS: SIMPSON HGUS 5.50/14 HANGER AT BOTH ENDS OF LVL OR TEMPORARILY SUPPORT EXISTING FLOOR SIMPSON (ORNAMENTAL) MEG5PC FACE MOUNT HANGER 1. Building code: IBC (2009) International Building Code. JOISTS AND PLUMB CUT EXISTING FLOOR (W/NO TOP FLANGE) AT BOTH ENDS OF LVL AT THE JOISTS TO WITHIN & MAX FROM FACE 2. Design Live Loads: (Ground Snow load = 50 psf) OWNER/G.C. OPTION (TYP.) OF F.R. PLYWOOD. FASTEN EXISTING JOISTS TO 2-2x12/LVL W/SIMPSON 45 psf + drift as applicable PROVIDE ½"x12" (MIN) WIDE STRIP OF FIRE LUS410 HANGERS OR SIMPSON RETARDANT PLYWOOD ON FACE OF 2-2x12/LVL REINFORCE EXISTING TIMBER Restaurant Floor......100 psf (ORNAMENTAL) OHU412-SDS3 HANGERS OUTSIDE OF STAIRWELL (ARCH VERIFY). FASTEN BEAM WITH W10x49 STEEL AT THE OWNER/G.C. OPTION (TYP.) BEAM (2 PLACES) (TYP.) 3. Design wind loads are based on exposure BC using 100 HANGERS (ON FACE OF F.R. PLYWOOD) TO mph basic wind speed. 2-2x12/LVL (W/FASTENERS THRU F.R. 2-2x12 WITHIN -PLYWOOD) PER MANUFACTURER WRITTEN WALL SYSTEM 4. Seismic Design Utilizes Analysis Procedure shall be equivelant FLUSH W/EXISTING INSTRUCTIONS, AT STAIR, WALL (TYP.) Lateral Force Proceedure per IBC 2009. (2 PLACES) JOISTS (TYP.) STRUCTURAL STEEL NOTES: -INSTALL ADD'L CONT. $3\frac{1}{2}$ "x1 $1\frac{7}{8}$ " 1. Structural steel fabrication, erection, and connection design LVL. FASTEN TO THIS SIDE OF shall conform to AISC "Specification for the design, SIMPSON HHUS410 HANGER BOTH 5¼"x14" LVL FLUSH THE EXISTING 33"x113" FLOOR fabrication, and erection of structural steel"-Ninth edition. ENDS OF LVL OR SIMPSON W/BEAMS (TYP.) JOIST W/2-ROWS OF 1/9 THRU 2. Structural steel: (ORNAMENTAL) OU412 HANGER BOLTS @ 24" O.C. (2" FROM TOP a) Structural steel shall conform to ASTM A-36. BOTH ENDS OF LVL AT THE AND BOTTOM) PLUS 3-ADD'L 3½"x11½" LVL FLUSH W/EXISTING JOISTS b) Structural tubing shall conform to ASTM A-500 GR-B OWNER/G.C. OPTION (TYP.) THRU BOLTS ON BOTH SIDES OF (INSTALL WITHIN FIREWALL ARCH VERIFY) c) Structural pipe shall conform to ASTM A-53, TYPE E OR S LVL HEADER CONNECTION (6 EXISTING 3 1 STD STEEL 3. The fabricator shall design connections for the reactions ADD'L BOLTS TOTAL). shown on the drawings or the maximum end reaction that EXISTING 32" X112" JOISTS @ 2'-6" O.C. (V.I.F.) TYP. COUNTERSINK HEADS AND NUTS TIMBER BEAM (VIF) TYP. can be produced by a laterally supported uniformly loaded (VIF) (TYP 2 PLACES)) FLUSH (TYP.) beam for each given beam size and span. - SIMPSON HGUS7.25/12 HANGER 4. Field connections shall be bolted using 3/4" diameter ASTM OR SIMPSON (ORNAMENTAL) -REUSE EXISTING 3½"x11 A325 high strength bolts except where field welding is OU812 FACE MOUNT HANGER FLOOR JOISTS @ 2,-6" indicated on the drawings. (SHIMMED TIGHT) OWNER/G.C. O.C. AND EXISTING 2x 5. All welding shall conform to AWS D1.1-Latest edition. Welding OPTION (TYP.) FLOOR DECKING IN THIS -EXISTING 37"x117" electrodes shall be E70XX. - NOTE: AREA (TYP AS SHOWN) JOISTS @ 2'-6" OWNERS ENGINEER SHALL 6. Structural Steel Primer Paint. TNEMEC 10-99 Alkyd rust inhibitive O.C. (V.I.F.) CONFIRM ADDITIONAL IMPOSED primer, 2.0 to 3.5 mils dry thickness, or approved alternate. 200 PLF LOAD FROM SECOND FLOOR IS ACCEPTABLE ON FIRST 7. Structural Steel Top Coat for steel permanently exposed to view. FLOOR FRAMING AS SHOWN. TNEMEC series 2 TNEMEC-GLOSS Enamel, 3.0 to 5.0 mils dry PROVIDE 1"x12" (MIN) WIDE STRIP OF thickness, or approved alternate. SIMPSON LUS410 FIRE RETARDANT PLYWOOD ON FACE OF 8. Complete shop drawings and schedules of all structural steel \downarrow EXISTING $3\frac{1}{2}$ "x11 $\frac{7}{8}$ " LVL HANGERS OR SIMPSON 2-2x12/LVL OUTSIDE OF STAIRWELL shall be prepared by the contractor and submitted to the 3137 x1117 (ORNAMENTAL) (ARCH VERIFY). FASTEN HANGERS (ON engineer for review prior to commencement of that portion of **FLOOR** OHU412-SDS3 HANGERS FACE OF F.R. PLYWOOD) TO the work. All accessories must be shown on the shop JOIST AT THE OWNER/G.C. 2-2x12/LVL (W/FASTENERS THRU F.R. drawings. Submit (2) black line prints to the Engineer/Architect. OPTION (TYP.) PLYWOOD) PER MANUFACTURER WRITTEN INSTRUCTIONS AT STAIR WALL (TYP.) $3\frac{1}{2}$ "x11 $\frac{7}{8}$ " $-3\frac{1}{2}$ "x11 $\frac{7}{8}$ " LVL HEADER FLUSH TIMBER FRAMING: W/JOISTS (INSTALL SEE ARCHITECTURAL DRAWINGS FOR 2x4 FIRE WALL REQUIREMENTS ADJACENT TO FIRE WALL. EXISTING 1. All Timber framing shall be in accordance with the AITC timber CONTRACTOR SHALL COORDINATE STRUCTURE WITH ARCHITECTURAL ARCH VERIFY) 3½"x11½" | FLOOR construction manual or the national design specification (NDS) — FIREWALL AND STAIR OPENING SIZE REQUIREMENTS (TYP.) SIMPSON HHUS410 HANGER BOTH JOIST 2. Individual timber framing members shall be visually graded, (2)2x8ENDS OF LVL OR SIMPSON TEMPORARILY SUPPORT EXISTING FLOOR JOISTS AND PLUMB minimum grade #2 Spruce-Pine-Fir (SPF), kiln dried to 19% (ORNAMENTAL) OU412 HANGER maximum moisture content. CUT EXISTING FLOOR JOISTS TO WITHIN 1 MAX FROM FACE BOTH ENDS OF LVL AT THE S2 / OF F.R. PLYWOOD. FASTEN EXISTING JOISTS TO 2-2x12/LVL 3. Timber shall be southern yellow pine treated with ACQ water OWNER/G.C. OPTION (TYP.) DO NOT SUPPORT -W/SIMPSON LUS410 HANGERS OR SIMPSON (ORNAMENTAL) borne preservative in accordance with AWPA treatment C1 with LANDING BUILT-UP BEAM ON OHU412-SDS3 HANGERS AT THE OWNER/G.C. OPTION (TYP.) 0.40 PCF retainage for items in contact with roofing, masonry or (SEE\ARCH) WALL (TYP.) concrete with 0.60 PCF retainage for items in contact with earth. - HANGER (SEE SECTION 4/S2) 4. Metal connectors shall be used at all timber to timber connections or as noted on the design drawings. All metal connectors in SUPPORT BUILT-UP BEAM ON contact with pressure treated timber shall be stainless steel. -CONTRACTOR SHALL CONSULT ARCH −2−2x12 WITHIN EXISTING 6x8 HEADER IN WALL. 2x4 @ 16" O.C. INTERIOR BEARING WALL TO CONSTRUCT A UL LISTED FIRE (V.I.F.) 5. Provide Simpson H2.5A hurricane anchors where timber framing WALL SYSTEM VERIFY OR PROVIDE 2-2x6 STUDS W/2x4 TOP PLATE (BENEATH 2-2x12) ASSEMBLY ON THE UNDERSIDE OF FLUSH W/EXISTING and/or trusses bear on bearing wall and structural beams. MIN ON BOTH SIDES OF DOOR EXISTING CONT. $5\frac{1}{2}$ " x $7\frac{1}{2}$ " HEADER IN – AND 2-2x4 BOTTOM PLATE ON EXISTING THE STAIR AND LANDING (ARCH 6. Nails and screws not specified shall conform with IBC 2009. All nails and JOISTS (TYP.) OPENING (TYP.) CONC SLAB HERE ONLY WALL ABOVE OPENING (V.I.F.) (TYP UON) VERIFY) TYP. screws in contact with pressure treated timber shall be stainless steel. -FASTEN DOUBLE 2x8 HEADERS TO $3\frac{1}{2}$ " (VIF) 4'-8" CLR AND INSTALL 5-2x6 PUST IN WALL BENEATH BUILT-UP BEAM (TYP.) 4x6 POST W/SIMPSON HUC28-2 ABANDON EXISTING WINDOW OPENING -EXIST. $3'-5\frac{1}{5}$ " (V.I.F.) $12^{1} - 2\frac{1}{2}$ CLR R.O 7. Provide $\frac{1}{2}$ " thick APA rated exterior wall sheathing fastened w/ 10d CONCEALED FLANGE HANGERS. 5<u>1</u>" (VIF) WINDOW R.O. $14' - 3\frac{1}{2}$ " nails @ 4" o.c. at panel edges and 6" o.c. intermediate. Lap FASTEN THRU GYP BOARD ON (V.I.F.) 12'-6" CLR EXISTING sheathing 1'-0" minimum over existing structure (Where applicable). FIREWALL (ARCH VERIFY) TYP. 20'-6" (VIF) 9'-0" (VIF) TBD EQ. EQUAL` EQUAL 8. Provide %" thick APA rated roof sheathing fastened w/ 10d nails CONTRACTOR SHALL -@ 6" o.c. at panel edges and intermediate. COORDINATE OPENING 43'-0" (VIF) 20'-6" (VIF) 20'-4" (VIF) W/ARCHITECTURAL © POST 9. Provide $\frac{3}{4}$ " thick APA rated floor sheathing fastened w/ construction adhesive and 10d ring shank nails @ 6" o.c. at panel edges and intermediate. 84'-7" (VIF) 10. LVL indicated laminated veneer lumber beams manufactured by Boise Cascade or approved equal. **6** - S INDICATES: EXISTING 97"x97" TIMBER POST TO REMAIN (V.I.F.) TYP. INSTALL NEW HSS 4"x4"x4" TUBE STEEL COLUMN (SEE SECTION 3/DWG S2) (Fy=46ksi) CUSTOM HOUSE WHARF 3. $\times \times \times$ INDICATES: EXISTING $5\frac{1}{2}$ " x $9\frac{1}{2}$ " TIMBER POST TO REMAIN (V.I.F.) TYP.

SECOND FLOOR FRAMING PLAN

4. FASTEN ALL SIMPSON HANGERS PER MANUFACTURER WRITTEN INSTRUCTIONS (TYP.)

OWNERS ENGINEER SHALL DESIGN ADDITIONAL SUPPORT AS REQUIRED (TYP.)

5. OWNERS ENGINEER SHALL CONFIRM THAT SECOND FLOOR PLUS ROOF LOADS ON POSTS SHOWN

(EXISTING AND NEW) ARE ACCEPTABLE ON FIRST FLOOR BEAM AND PILE SUPPORTS BELOW OR

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