

DIEDRE NICE

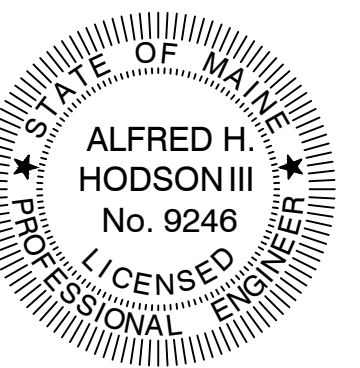
83 SAINT LAWRENCE ST.

DECK REPAIRS AND UPGRADES

26 AUGUST 2015

DRAWING LIST

- S1 STRUCTURAL NOTES AND MATERIAL SPECIFICATIONS
- S2 FRAMING PLANS, SECTIONS AND DETAILS



ENGINEER OF RECORD

RESURGENCE

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GENERAL NOTES

- THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL AND LOCAL SAFETY REQUIREMENTS. THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR THE SAFETY OF ADJACENT PORTIONS OF THE BUILDING.
- THE STRUCTURAL DESIGN OF THESE REPAIRS IS BASED ON THE FULL INTERACTION OF ALL CONNECTED COMPONENTS. NO PROVISIONS HAVE BEEN MADE FOR ANY TEMPORARY CONDITIONS THAT MAY ARISE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS, SHORING, AND TEMPORARY BRACING DURING THE PROGRESS OF THE PROJECT.
- WORK NOT INDICATED ON A PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE INCLUDED.
- THE CONTRACTOR SHALL, PRIOR TO WORK, REVIEW WITH DESIGN TEAM AND OWNER ALL ASPECTS OF SITE ACCESS, WORK SCHEDULE, AND COORDINATION WITH OTHERS TO ENSURE SMOOTH PROJECT FLOW.
- NOTIFY OWNER AND ENGINEER OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS THAT MAY AFFECT THE WORK.
- THE INSTALLATION AND OR REMOVAL OF PROPOSED MATERIALS SHALL NOT DAMAGE EXISTING COMPONENTS.
- ANY MODIFICATION OR ALTERATION OF THESE CONSTRUCTION DOCUMENTS OR CHANGES IN CONSTRUCTION FROM THE INTENT OF THESE DRAWINGS BY THE CONTRACTOR WITHOUT WRITTEN APPROVAL OF THE ENGINEER SHALL REMOVE ALL PROFESSIONAL AND LIABILITY RESPONSIBILITY OF THE ENGINEER.
- DO NOT SCALE FROM THE DRAWINGS.

GENERAL REQUIREMENTS

- COORDINATE CONSTRUCTION TO ENSURE EFFICIENT AND ORDERLY INSTALLATION OF EACH PART OF THE WORK.
- CONDUCT PROGRESS MEETINGS AT SITE AS NECESSARY.
- IDENTIFY DEVIATIONS FROM CONTRACT DOCUMENTS ON SUBMITTALS. REVIEW EACH SUBMITTAL AND CHECK FOR COORDINATION WITH OTHER WORK AND FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. MARK WITH APPROVAL STAMP BEFORE SUBMITTING TO ENGINEER.
- SUBMIT SAMPLES FINISHED AS SPECIFIED AND PHYSICALLY IDENTICAL WITH PROPOSED MATERIAL OR PRODUCT. INCLUDE NAME OF MANUFACTURER AND PRODUCT NAME ON LABEL.
- DELIVER, STORE, AND HANDLE PRODUCTS USING MEANS AND METHODS THAT WILL PREVENT DAMAGE, DETERIORATION, AND LOSS, INCLUDING THEFT. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
- SCHEDULE DELIVERY TO MINIMIZE LONG-TERM STORAGE AT PROJECT SITE AND TO PREVENT OVERCROWDING OF CONSTRUCTION SPACES. DELIVER PRODUCT IN MANUFACTURER'S ORIGINAL SEALED CONTAINER OR PACKAGING, COMPLETE WITH LABELS AND INSTRUCTIONS FOR HANDLING, STORING, UNPACKING, PROTECTING, AND INSTALLING.
- STORE PRODUCTS THAT ARE SUBJECT TO DAMAGE BY THE ELEMENTS UNDER COVER IN A WEATHERTIGHT ENCLOSURE ABOVE GROUND, WITH VENTILATION ADEQUATE TO PREVENT CONDENSATION.
- WHERE DRAWINGS SPECIFY A SINGLE PRODUCT OR MANUFACTURER, PROVIDE THE ITEM INDICATED THAT COMPLIES WITH REQUIREMENTS.

STRUCTURAL DESIGN CRITERIA

- STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE MAINE UNIFORM BUILDING AND ENERGY CODE.
- DECK AND STAIR LOADS:
 - A. FLOOR FRAMING AND STAIRS 100 PSF
 - B. LATERAL LOAD ON RAILINGS - 200 POUNDS OR 50 POUNDS PER LINEAL FOOT ANY DIRECTION.
- SNOW LOAD IS BASED UPON A GROUND SNOW LOAD OF 60 PSF, IN A MINIMALLY HEATED STRUCTURE. NET FLAT ROOF SNOW LOAD IS 46.2 PSF.
- WIND LOAD: PER IBC SECTION 1609.0/ASCE 7-02 CHAPTER 6

BASIC WIND SPEED, 3 SECOND GUST	100 mph
IMPORTANCE FACTOR I_w	1.0
EXPOSURE CATEGORY	B
BUILDING CLASSIFICATION	II
BASIC WIND PRESSURE	20 psf
COMPONENT AND CLADDING PRESSURE	30 psf

ROUGH CARPENTRY MATERIALS

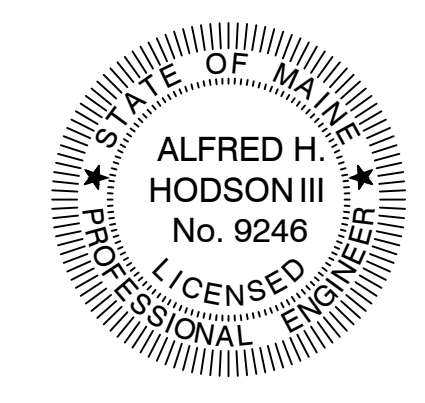
- DIFFERING LUMBER AND COMPOSITE LUMBER MATERIALS ARE SPECIFIED AT VARIOUS LOCATIONS. MATERIAL GRADES SHALL CONFORM TO THE FOLLOWING SPECIES AND GRADES:
 - PERIMETER SILLS (WALL SILLS): PRESSURE-TREATED SOUTHERN YELLOW PINE, SUITABLE FOR GROUND CONTACT PLACED ON TOP OF CONCRETE.
 - EXPOSED FINISH TIMBERS: PRESSURE-TREATED SOUTHERN YELLOW PINE.
(EXPOSED EXTERIOR POSTS)
 - PRESSURE-TREATED LUMBER: SOUTHERN YELLOW PINE NO. 1 GRADING
 - CONVENTIONAL LUMBER: ROUGH-CUT HEMLOCK, FULL 2" X 4" DIMENSION
(EXPOSED INTERIOR LOCATIONS IN ROOMS)
- ALL LEDGER BOLTS EXTENDING THROUGH PRESSURE-TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED
- ALL LUMBER AND TIMBER FRAMING MATERIAL SHALL BE STORED IN A PROTECTED, DRY AREA OFF OF THE GROUND AND GROUND FLOOR SURFACES. STORE MATERIAL OUT OF DIRECT SUNLIGHT TO PREVENT DIFFERENTIAL DRYING AND WARPING.
- JOIST HANGERS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE, INC. ALL HANGERS SHALL BE Z-MAX FINISH, ATTACHED WITH GALVANIZED 10d x 1 1/2" HANGER NAILS INSTALLED IN PREDRILLED HOLES AS REQUIRED OR DIRECTED BY ENGINEER. REFER TO PLAN SHEETS AND SCHEDULE FOR HANGERS AND LOCATIONS.
- REFER TO STRUCTURAL DRAWINGS FOR APPROPRIATE SELF-DRIVING FASTENERS, EITHER MANUFACTURED BY FASTENMASTER, INC. OR BY GRK, INC. INSTALL FASTENERS AS INDICATED ON DRAWINGS.

FRAMING PLANS SECTIONS AND DETAILS

Date: 08/26/15
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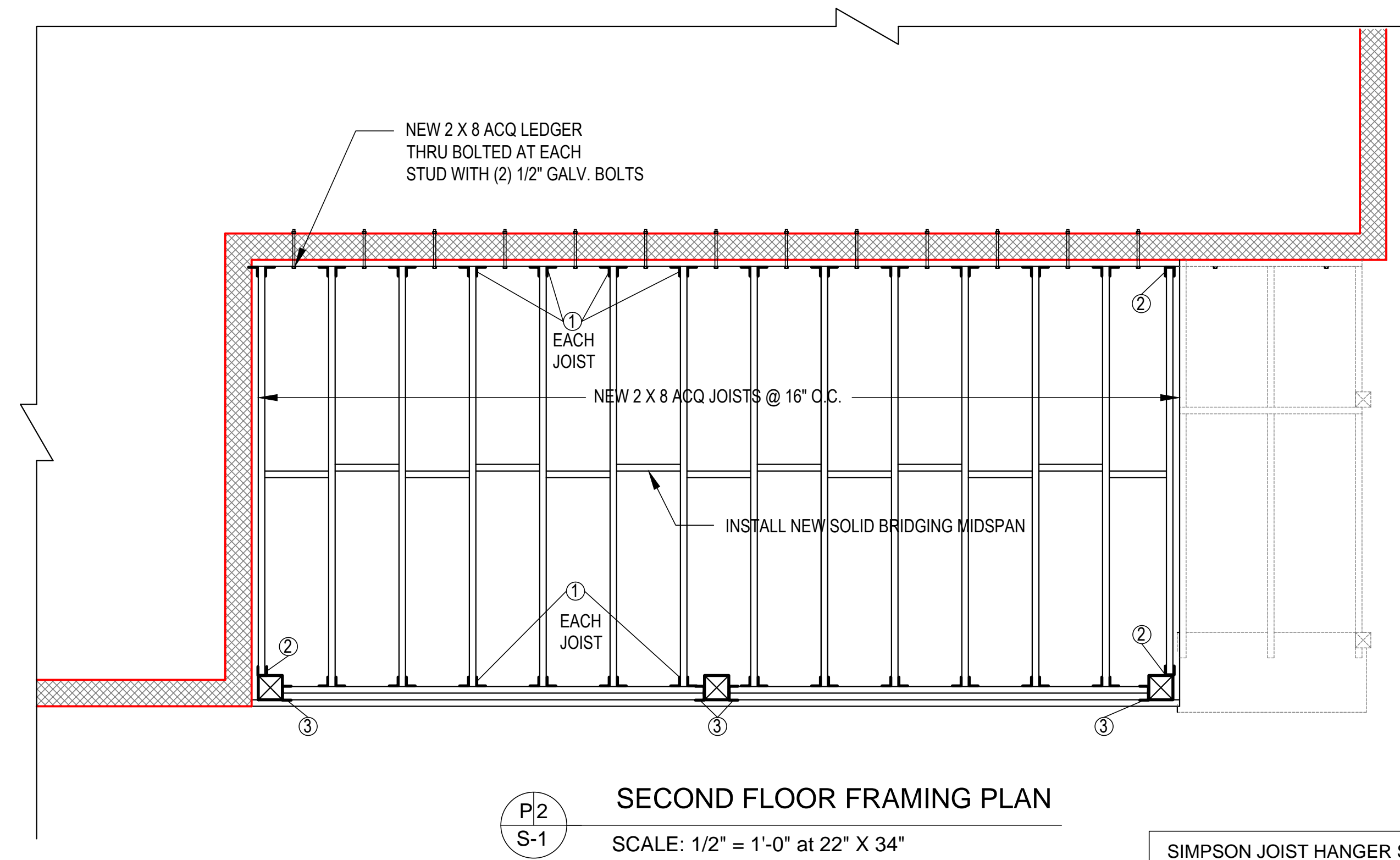
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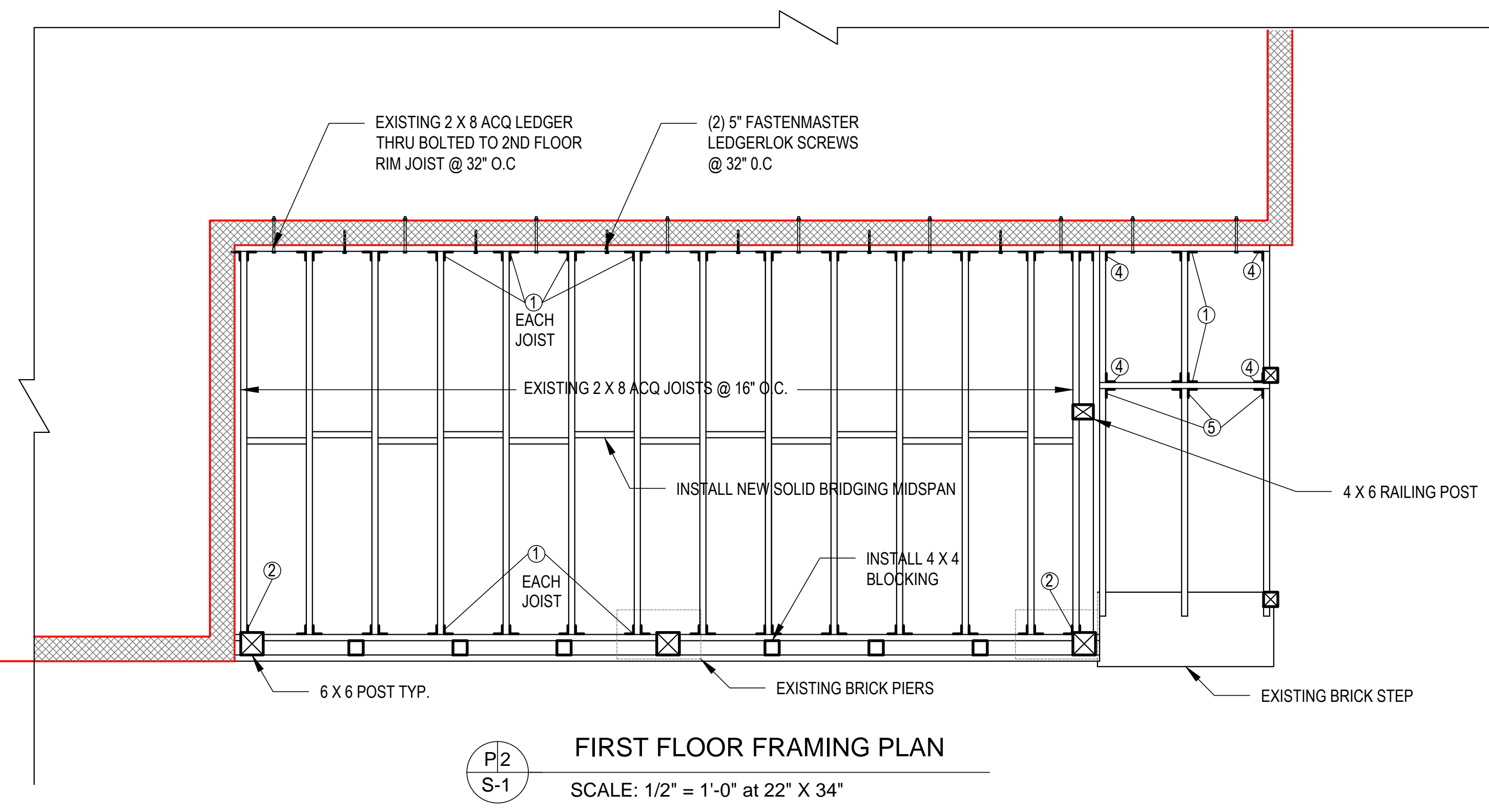
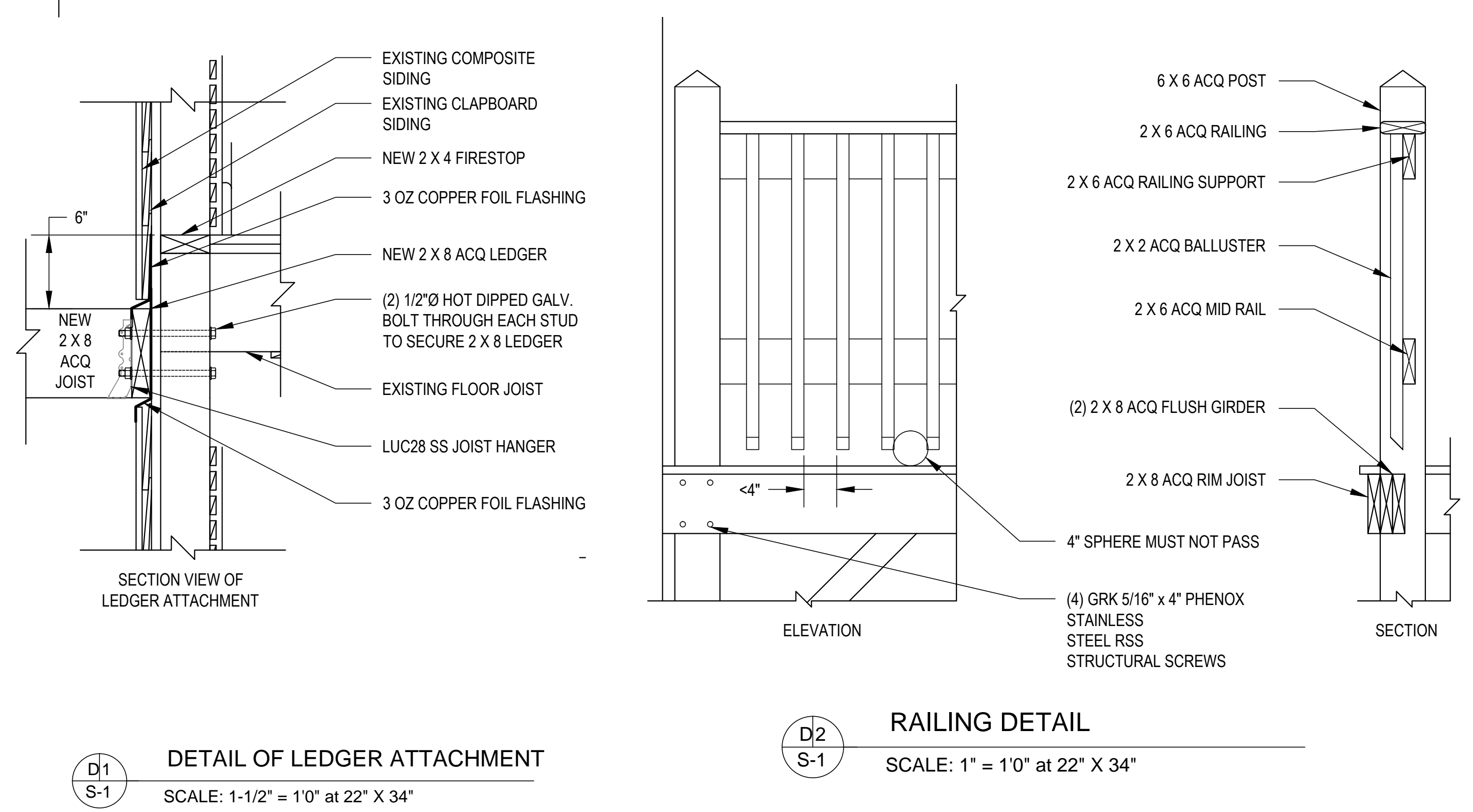
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SIMPSON JOIST HANGER SCHEDULE

SYMBOL	MODEL #
①	LUC28 Z
②	HUSC28 Z
③	HUSC28 Z
④	L50 Z
⑤	LSC Z



D1 S-1 DETAIL OF LEDGER ATTACHMENT
SCALE: 1-1/2" = 1'-0" at 22" X 34"