

GENERAL NOTES

- GENERAL**
- All dimensions and conditions shall be verified in the field, any discrepancies shall be brought to the attention of the STRUCTURAL ENGINEER before proceeding with the affected portion of work. Do not scale the drawings.
 - The reference building code is the International Residential Code for One and Two Family Dwellings (2015) and the Mass. State Building Code.
 - ABBREVIATIONS:

C.J.	- Construction joint	T.O.S.	- top of steel	V.I.F.	- verify in field
TYP.	- Typical	REINF.	- Reinforcing	CONT.	- continuous
S.W.	- saw cut	EXP.	- Expansion	W/F	- with
FND.	- foundation	o.c.	- On Center	CONC.	- concrete
E.W.	- each way	CL	- Centerline	T	- top
LG.	- long	W.P.	- Waterproofing	B	- Bottom
E.F.	- each face	GALV.	- Galvanized	W.P.	- Waterproofing
H.P.	- high point	H.S.N.S.	- High Strength Non-Shrink	ELEV.	- elevator
T.O.C.	- top of concrete	DIM.	- Dimension	EXIST	- existing
L.P.	- low point	Ø	- Diameter	TC	- tube column
BOT.	- bottom	±	- and	CL	- Clear
FTG.	- footing	RAD.	- Radius	VERT.	- Vertical
EL.	- elevation	Ø	- Diameter	EQ.	- Equal
DWG.	- drawing	REQ'D	- Required	RCP	- Reinforced Concrete
A.W.S.	- American Welding Society	ERW.	- Electrodeless	SS	- Stainless Steel
W.W.F.	- welded wire fabric	COL.	- Column	Struct.	- Structural
Ø	- at	DWL	- Dowel	L.R.	- Ladder Rungs
				C.I.	- Cast Iron
				P.T.	- Pressure Treated
 - Staff members of RICHARD F. KAMINSKI AND ASSOC., INC. or any of their consultants shall not, during site visits or as a result of any observations of construction, supervise, direct or have control over Contractor's work, nor shall RICHARD F. KAMINSKI AND ASSOC., INC. have authority over or responsibility for the means, methods, techniques, sequences or procedures of construction selected by the contractor(s) or safety precautions and programs incident to the work of Contractor(s) for any failure of the contractor(s) to comply with laws, rules, regulations, ordinances, codes or orders applicable to Contractor's furnishing and performing their work. RICHARD F. KAMINSKI AND ASSOC., INC. does not guarantee the performance of the construction contract by the contractor(s), and does not assume responsibility for the contractor's failure to furnish and perform their work in accordance with the contract documents.
 - Notify and meet with the STRUCTURAL ENGINEER before initiating any work this project.
 - The general contractor shall field verify all existing conditions including but not limited to the location of all existing utilities in the work area shown on the proposed plans. Any discrepancies from the drawings shall be brought to the attention of the STRUCTURAL ENGINEER immediately. All applicable OSHA regulations must be followed when working on this project.

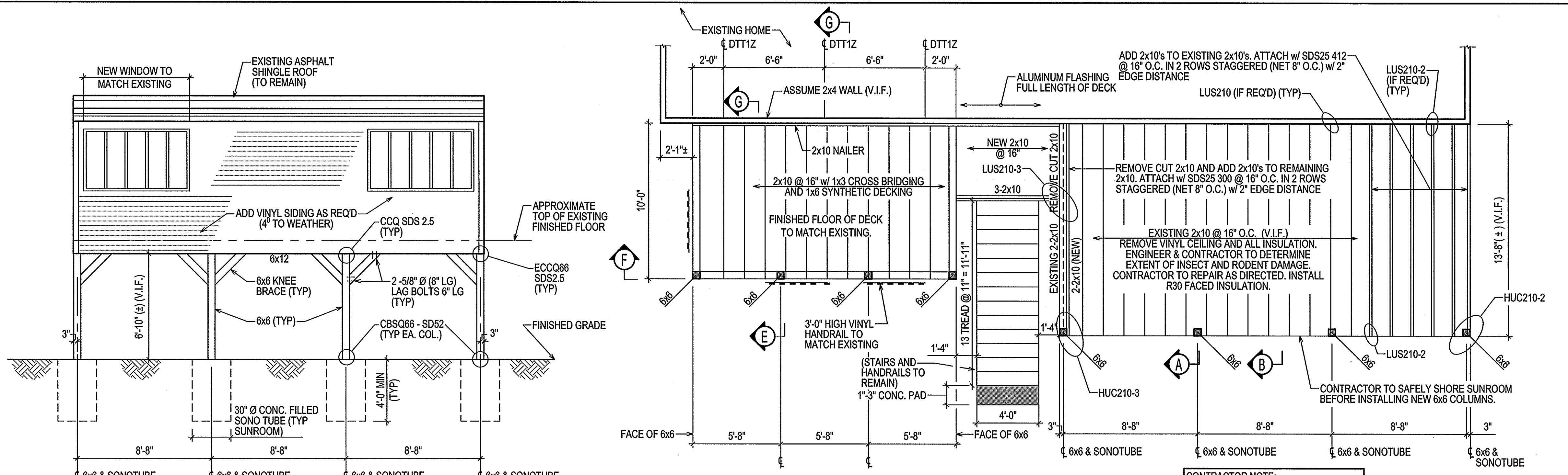
- Wood**
- All framing lumber shall conform to the latest edition of "National Design Specification for Wood Construction" and be kiln dried pressure treated Douglas Fir-Larch no. 1 or Engineer approved equal with the following allowable stress values:

Fb = 1200 psi (REPETITIVE)	Ft = 800 psi
E = 1,800,000 psi	Fc ⊥ = 625 psi (Compressive stress perpendicular to grain)
Fv = 180 psi	Fc = 1550 psi (Compressive stress parallel to grain)
 - All laminated veneer lumber (Microlam-™) shall meet the following stress grade requirements:

Fb = 2600 psi (12 inch depth)	Ft = 1555 psi
E = 2,000,000 psi	Fc ⊥ = 750 psi (Compressive stress perpendicular to grain)
Fv = 285 psi	Fc = 2510 psi (Compressive stress parallel to grain)

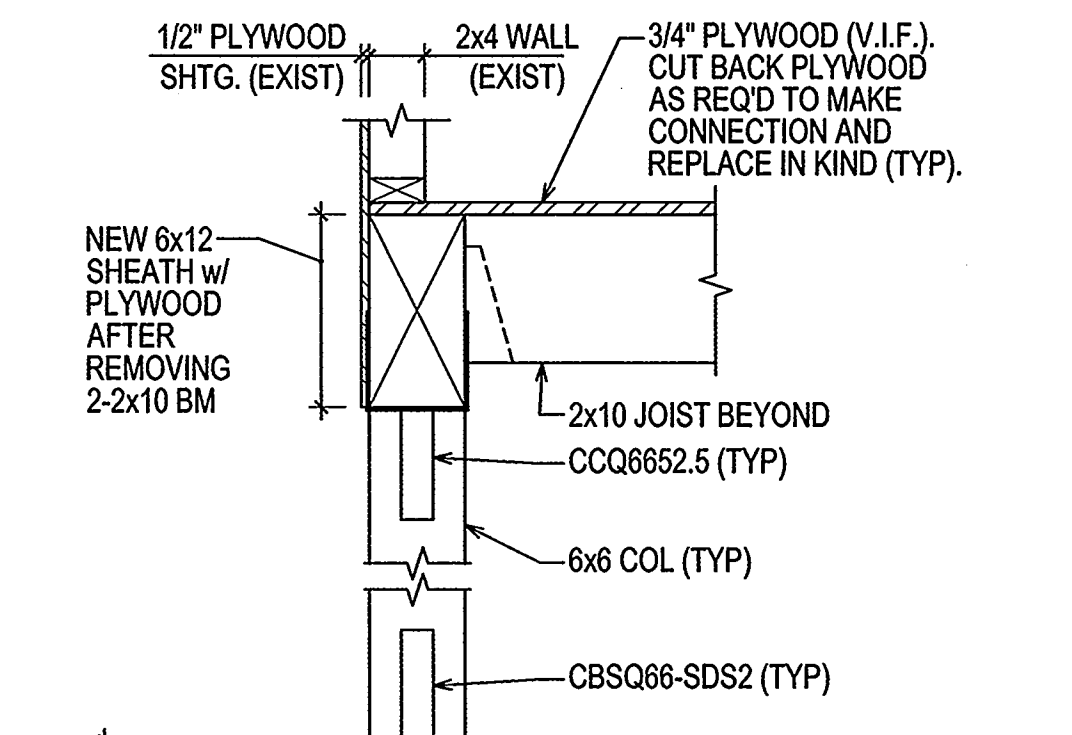
- Structural framing lumber shall be new and meet the minimum stress grade requirements. Install joist hangers at all flush framed members.
- All framing shall be fastened in accordance with the fastening schedule for structural members Table R602.3(1) of the International Residential Code.
- All lumber shall be new, sound, straight, of consistent size, free of stains, loose knots or midew. It shall be kiln dried to a maximum moisture content of 19%.
- Metal hardware shall be galvanized material as manufactured by the Simpson Strong Tie Company, Inc. San Leandro, California or Engineer approved equal.
- Nails shall be common wire nails. Minimum edge distance shall be equal to 1 inch.

- Concrete**
- All concrete shall have a minimum 28 day compressive strength of 4000 psi and be "HIGH EARLY" mix design. No concrete shall be placed if the temperature is below 50 F.
 - All reinforcing steel shall conform to A.S.T.M. designation A-615 grade 60 and to the provisions ACI-318 latest edition.
 - Provide all necessary chairs, chair bars, spacers and wire security to hold reinforcing in position.
 - Reinforcing details not shown on the drawings shall be made in accordance with the latest ACI Detailing Manual.
 - Unless noted on the drawings, the minimum splice of reinforcing shall be 24" inches.
 - Cast in place concrete shall be poured continuously with no "cold joints". Material shall be adequately vibrated to prevent the occurrence of air pockets and honeycombs.
 - All concrete form work shall be adequately tied together and braced to form true lines, square corners and plumb walls. All concrete formwork shall consist of steel or wood panel forms only.
 - Minimum concrete cover for reinforcing shall be:
 - Concrete cast against and permanently exposed to the earth 3 inches
 - Concrete exposed to earth or weather 2 inches
 - Concrete not exposed to earth or weather 1-1/2 inches
 - All nails, screws and hardware to be Hot Dipped Galvanized. If any hardware is not available, notify engineer. If only primed available, point W/ Galvanic paint.



SUN ROOM ELEVATION
SCALE: 1/4" = 1'-0"

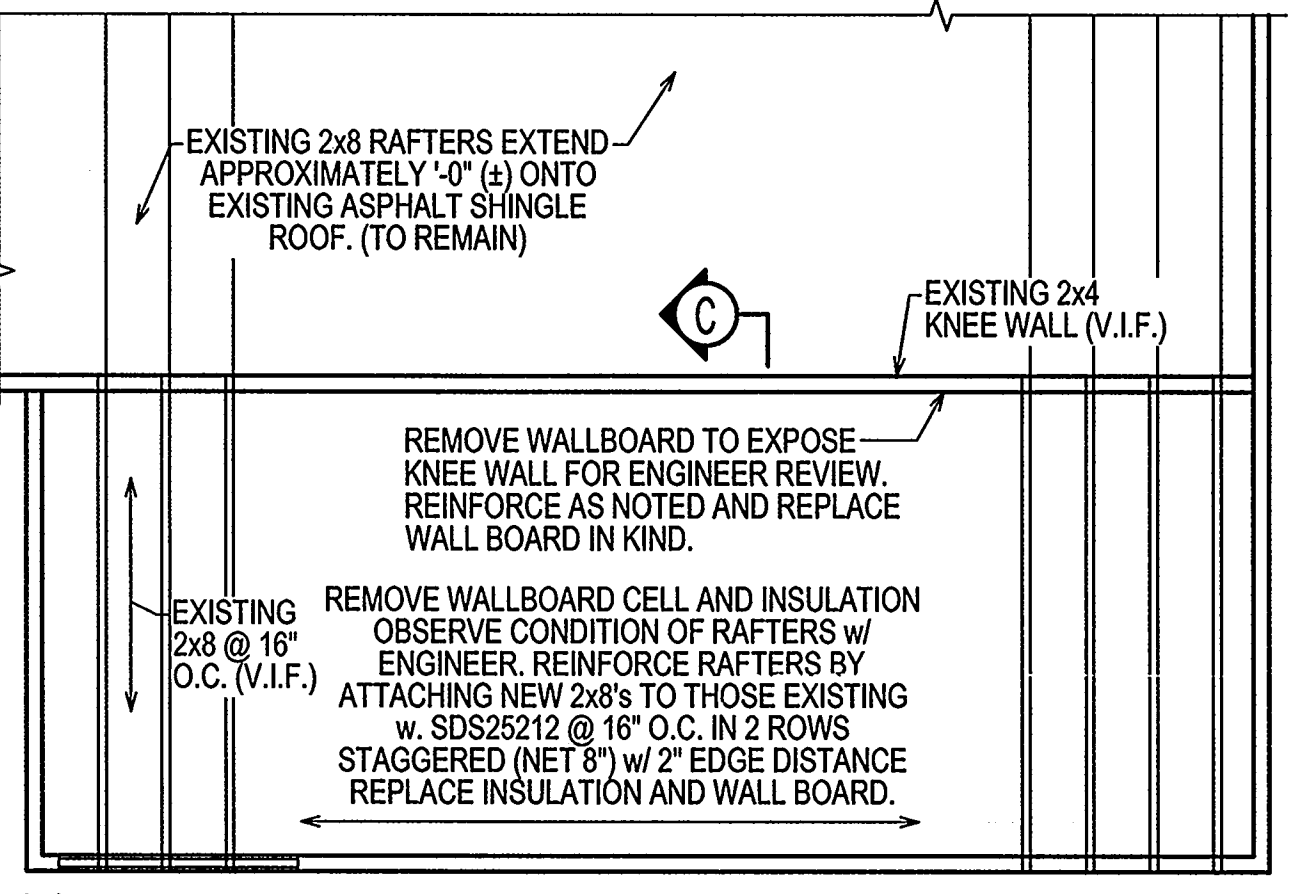
PLAN SUN ROOM REPAIR AND NEW DECK
SCALE: 1/4" = 1'-0"



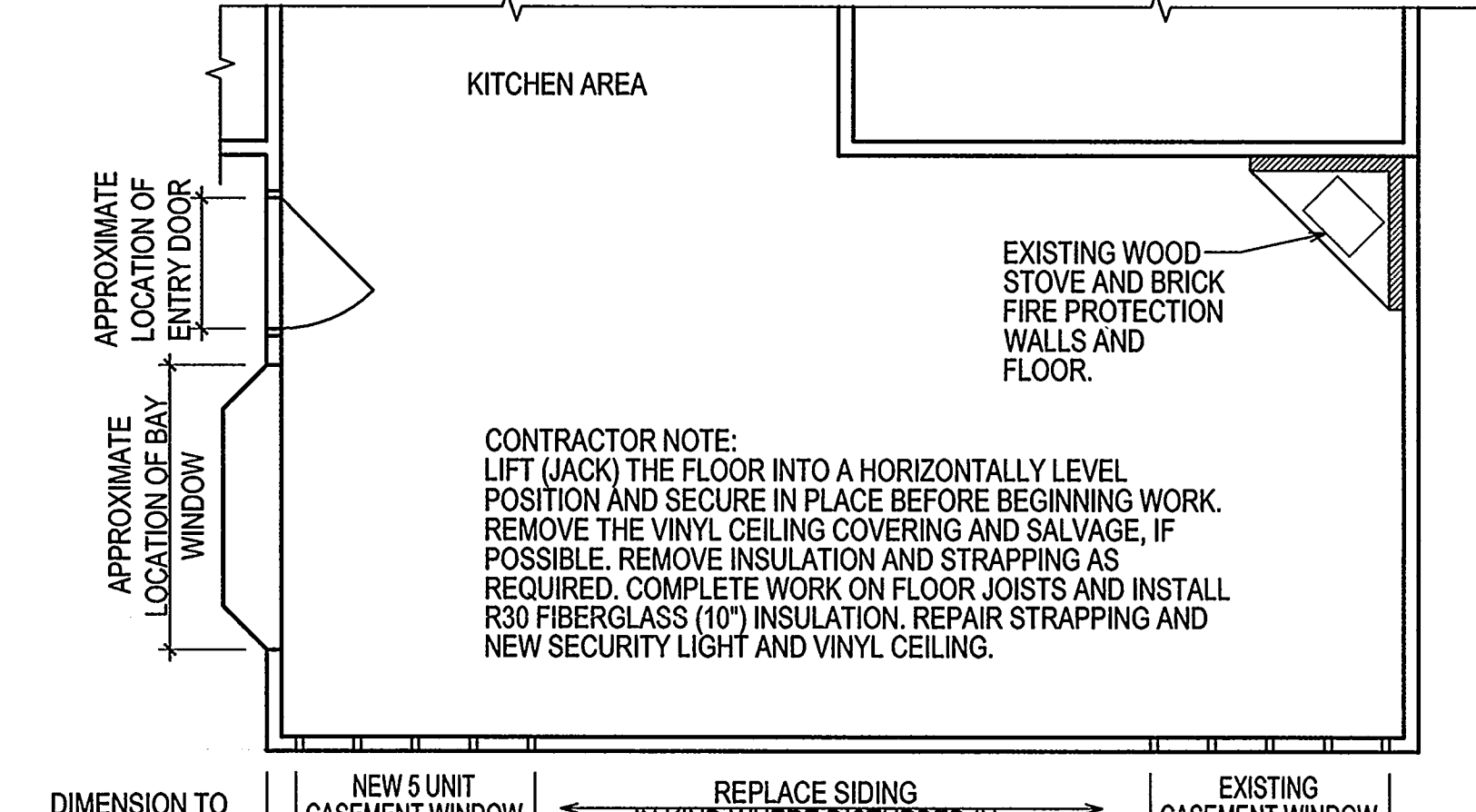
SECTION A
SCALE: 1" = 1'-0"

ROOF DESIGN LOADS:

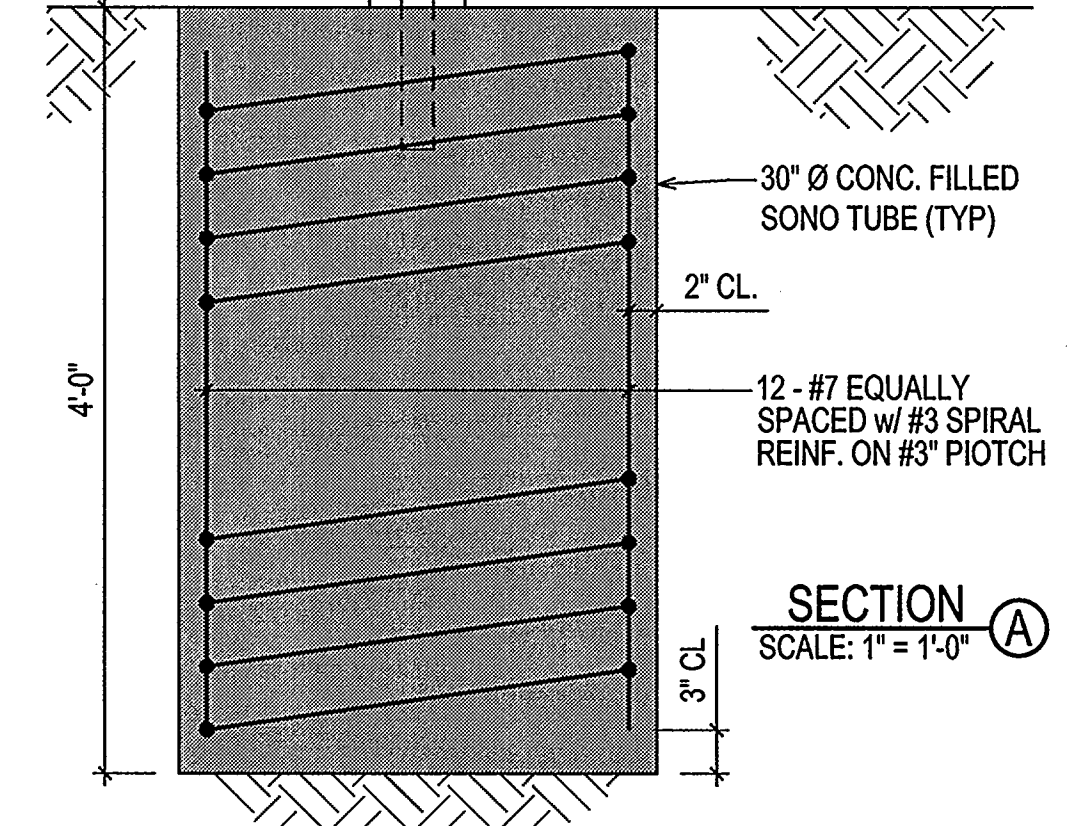
Live Snow Load.....50 #/F ²
Dead Load.....15 #/F ²
Total LL+DL.....65 #/F ²



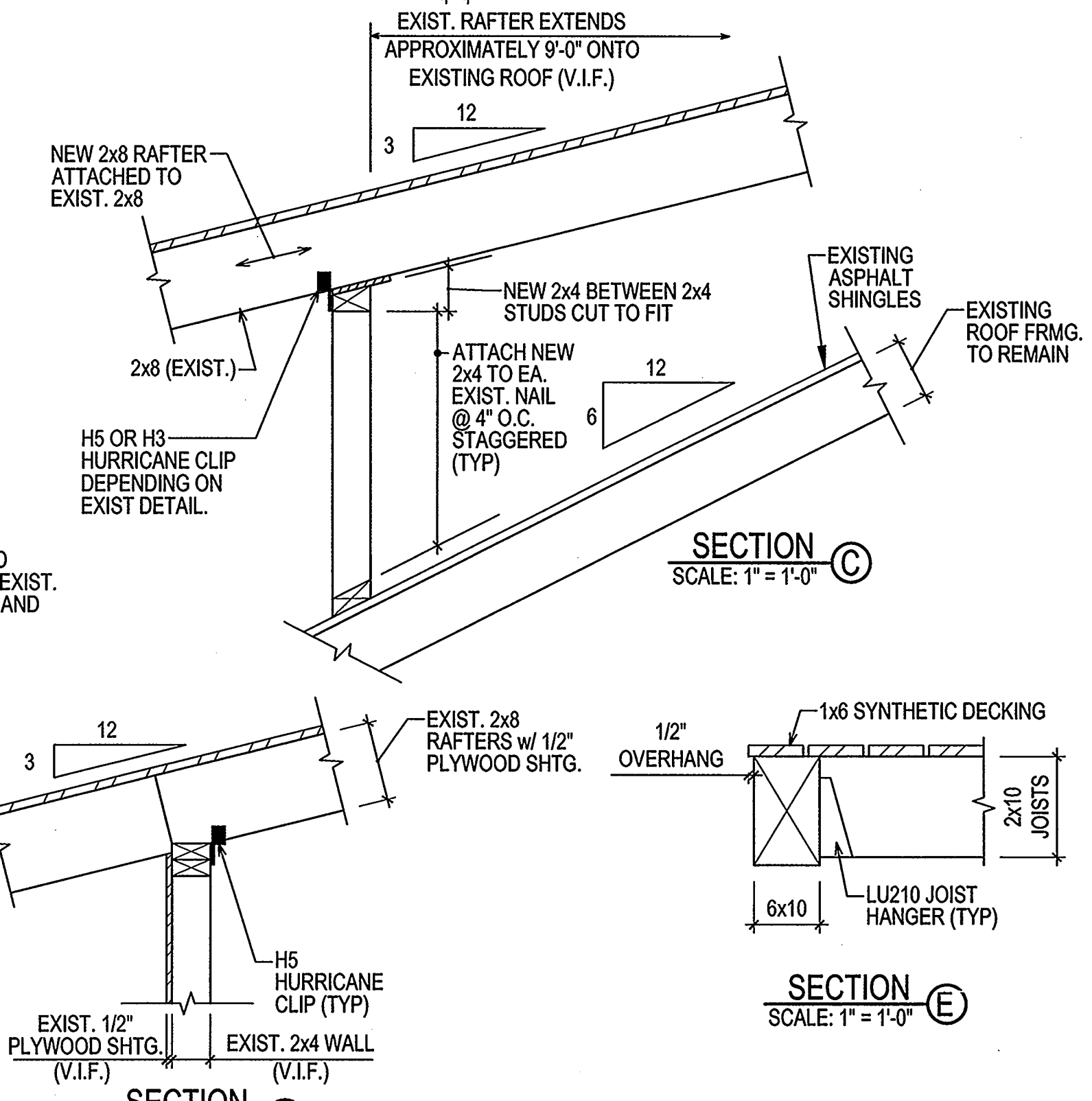
ROOF REINFORCING PLAN
SCALE: 1/4" = 1'-0"



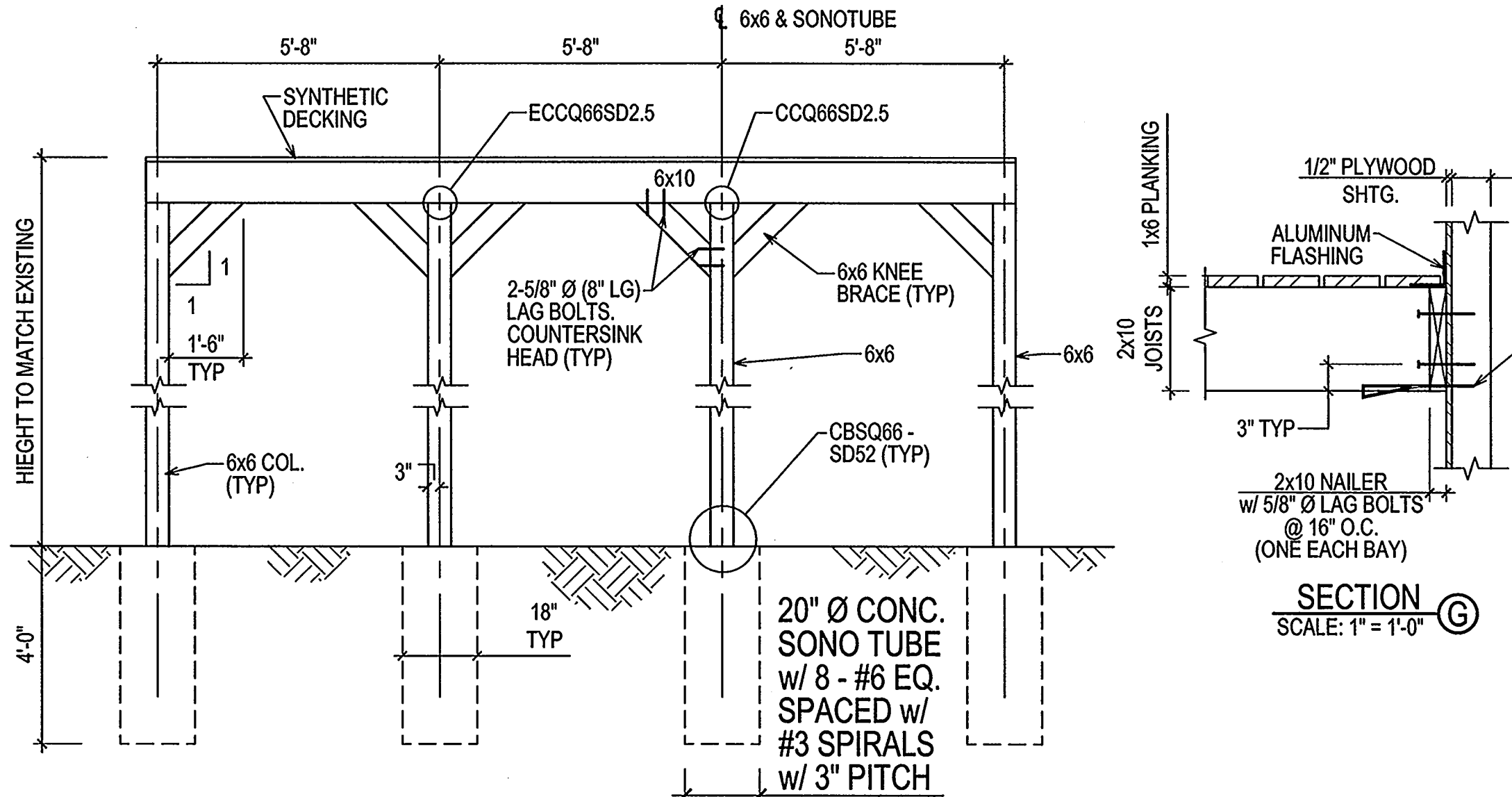
PLAN SUN ROOM
SCALE: 1/4" = 1'-0"



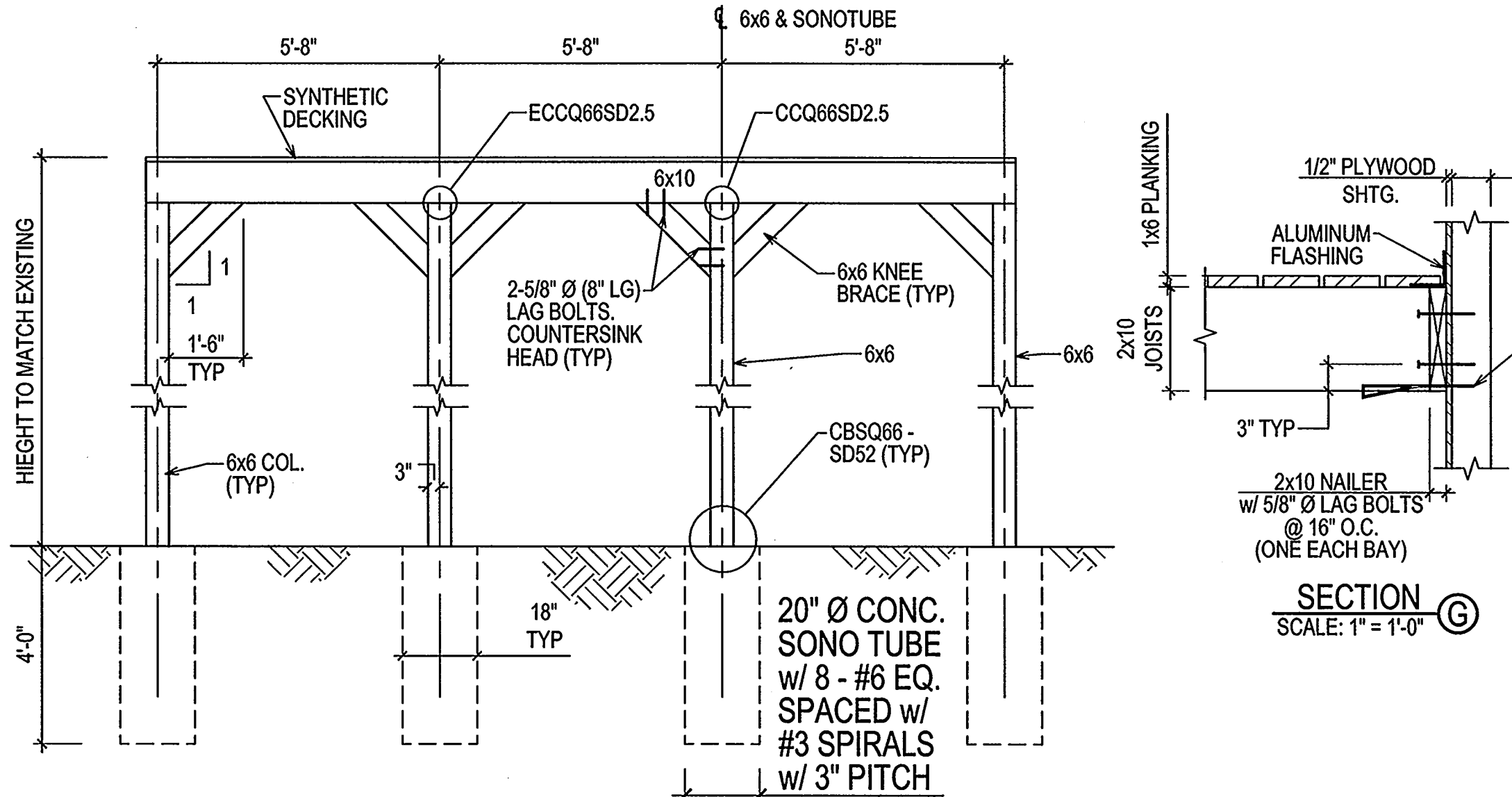
SECTION B
SCALE: 1" = 1'-0"



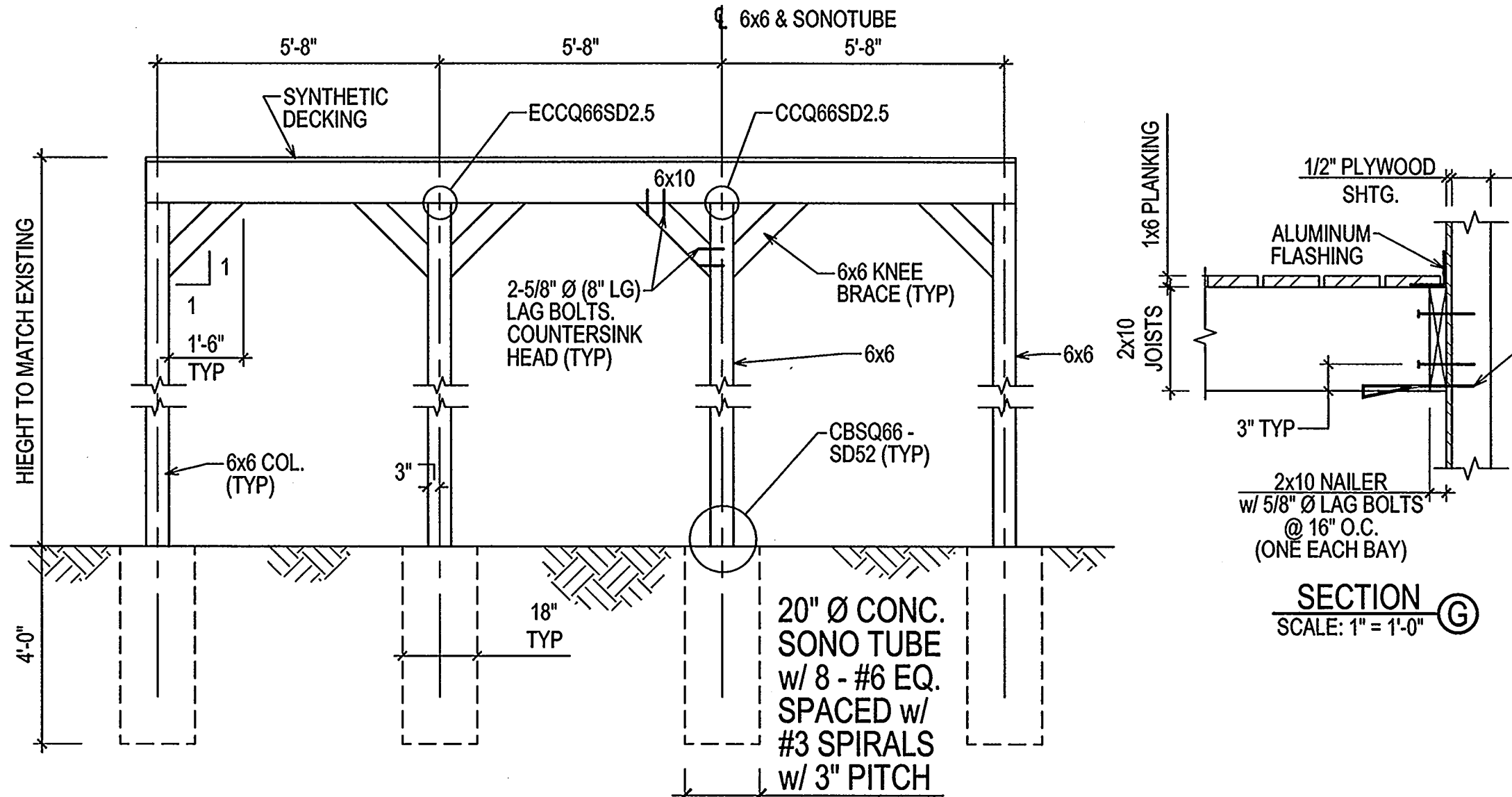
SECTION C
SCALE: 1" = 1'-0"



SECTION D
SCALE: 1" = 1'-0"



SECTION E
SCALE: 1" = 1'-0"



SECTION F
SCALE: 3/8" = 1'-0"

SECTION G
SCALE: 1" = 1'-0"

stamp
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scale AS NOTED date **APRIL 28, 2024**
 drn. JNB disk no. job no.
 chk. R.F.K. appd. R.F.K. sheet no.
 job folder no.
 plan file no. **S-1**

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