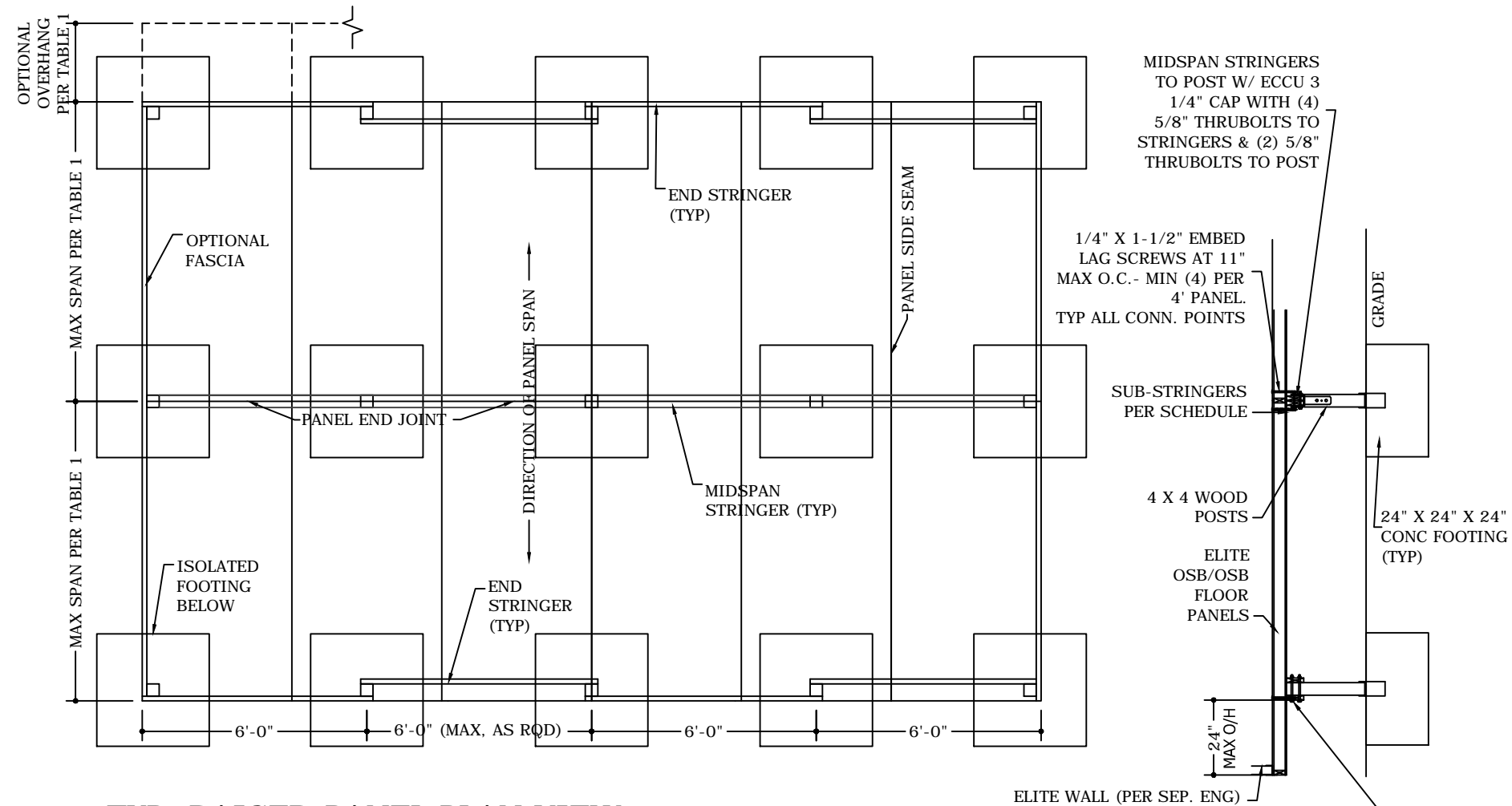


RAISED OSB/OSB FLOOR DECK

GENERAL NOTES:

- THIS DOCUMENT SHALL NOT BE USED OR REPRODUCED WITHOUT THE ORIGINAL SIGNATURE & RAISED SEAL OF C.T. "GUS" TARNOWSKI, P.E. & MUST HAVE 'ELITE' IN RED ACROSS THE FACE OF THIS DRAWING.
- THIS STRUCTURE HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2007 FLORIDA BUILDING CODE WITH 2009 SUPPLEMENTS. ANY LOCAL AMENDMENTS SUPERCEDING THIS CODE SHALL BE CONSIDERED IN DESIGN AND MAY REQUIRE ADD'L ENGINEERING. THIS SYSTEM NOT FOR USE IN HVHZ AREAS.
- PANELS SHALL BE FABRICATED BY ELITE PANEL PRODUCTS ONLY.
- COMPOSITE FLOOR DECK PANELS SHALL BE CONSTRUCTED USING 1/2" ORIENTED STRAND BOARD (OSB), (1) PCF ASTM C-578-83 CARPENTER BRAND EPS ADHERED TO OSB FACINGS WITH ASHLAND CHEMICAL 2020D ISO GRIP. FABRICATION TO BE BY ELITE PANEL PRODUCTS ONLY IN ACCORDANCE WITH APPROVED FABRICATION METHODS.
- ALL DIMENSION LUMBER SHALL BE STRUCTURAL GRADE #2 SOUTHERN YELLOW PINE MEETING APPLICABLE REQUIREMENTS OF THE SOUTHERN PINE INSPECTION BUREAU (SPIB)
- ALL DIMENSION LUMBER SHALL BE PRESSURE-IMPREGNATED (PT) BY AN APPROVED PROCESS (ACQ 0.4 PRESSURE TREATED) PRESERVATIVE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE BUILDING CODE AND AMERICAN WOOD PRESERVERS ASSN (AWPA) "BOOK OF STANDARDS".
- ANY WOOD MEMBER IN CONTACT WITH CONCRETE OR EXPOSED TO WEATHER SHALL BE PRESSURE TREATED. LUMBER SHALL BE HANDLED AND COVERED AS TO PREVENT MARRING AND MOISTURE ABSORPTION FROM RAIN.
- AUXILIARY SUPER-STRUCTURE (WALLS, ROOFS, COLUMNS, RAILINGS, ETC.) SHALL BE DESIGNED PER SEPARATE ENGINEERING.
- THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALUMINUM MEMBERS FROM DISSIMILAR METALS TO PREVENT ELECTROLYSIS.
- ELECTRICAL GROUND AND ALL RELATED WIRING AND CONSIDERATIONS TO BE DESIGNED BY OTHERS AS REQUIRED.
- CONCRETE STRENGTH TO BE $f_c = 3000$ P.S.I. AT 28 DAYS. CONCRETE MUST BE CURED AT LEAST 3 FULL DAYS BEFORE INSTALLING BOLTS.
- PRESUMPTIVE SOIL BEARING CAPACITY IS 2500 P.S.F. MIN. (BY OTHERS)
- LAG BOLTS SHALL PENETRATE 1 1/2" MIN TO WOOD HOST STRUCTURE.
- ENGINEER SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et al. INDEMNIFIES AND SAVES HARMLESS THIS ENGINEER FOR ALL COSTS AND DAMAGES INCLUDING LEGAL FEES AND APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, AND CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, AND FEDERAL CODES AND FROM DEVIATIONS OF THIS PLAN.
- DECK PANEL WEIGHT (DEAD LOAD) = 5PSF
DEFLECTION LIMIT USED IN TABLE BELOW = L/240
- EXCEPT AS EXPRESSLY PROVIDED IN THIS SPECIFICATION, NO CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.



TYP. RAISED PANEL PLAN VIEW

SCALE 1/4" = 1'-0"

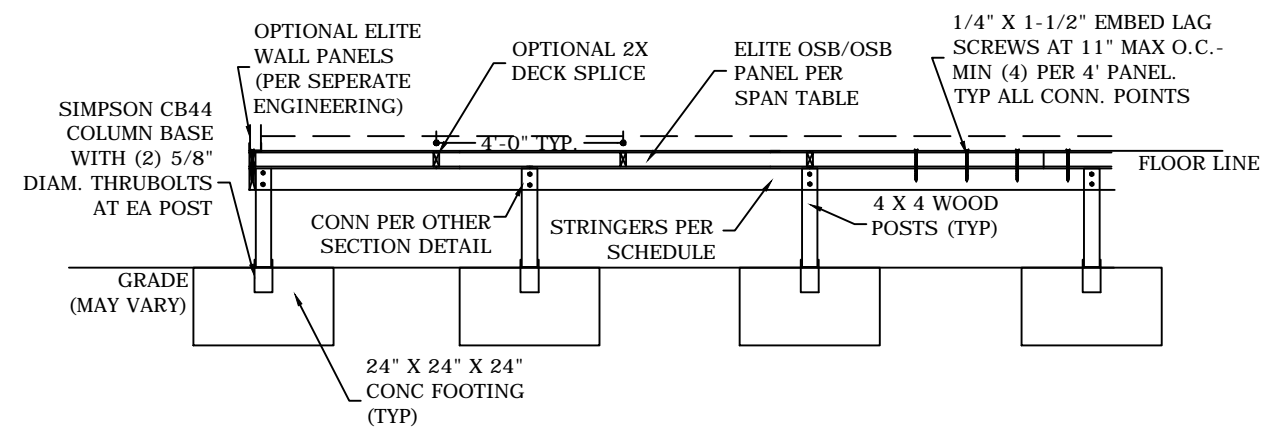


TABLE 1 - ALLOWABLE FLOOR DECK CLEAR SPAN

OVERHANG LENGTH	DL + LL = 35 PSF			DL + LL = 45 PSF			DL + LL = 60 PSF		
	NO O/H	12\" O/H	24\" O/H	NO O/H	12\" O/H	24\" O/H	NO O/H	12\" O/H	24\" O/H
4.5\" PANEL	13'-9"	13'-9"	14'-0"	12'-1"	12'-2"	12'-5"	10'-6"	10'-7"	10'-10"
6.5\" PANEL	16'-6"	16'-7"	16'-9"	14'-7"	14'-7"	14'-10"	12'-7"	12'-8"	12'-11"
8.5\" PANEL	18'-3"	18'-4"	18'-6"	16'-1"	16'-2"	16'-4"	13'-11"	14'-0"	14'-3"
	DECK ENDS		MID SPAN	DECK ENDS		MID SPAN	DECK ENDS		MID SPAN
WOOD STRINGERS	(1) 2 X 10		(2) 2 X 10	(1) 2 X 12		(2) 2 X 12	(1) 2 X 12		(2) 2 X 12
CONNECTIONS	(4) 1/2\" DIAM. THRU BOLTS, 2\" MIN APART, 2\" MIN FROM TOP, ON POST		SIMPSON 9771 1 (75D WITH (4) 5/8\" DIAM THRU BOLTS TO STRINGERS	(4) 5/8\" DIAM. THRU BOLTS, 2\" MIN FROM TOP, ON POST		SIMPSON 9771 1 (75D WITH (4) 5/8\" DIAM THRU BOLTS TO STRINGERS	(4) 1/2\" DIAM. THRU BOLTS, 2\" MIN APART, 2\" MIN FROM TOP, CENTERED		SIMPSON 9771 1 (75D WITH (4) 5/8\" DIAM THRU BOLTS TO STRINGERS

C.T. "GUS" TARNOWSKI
PE0050662



VALID FOR (1) JOB(S) ONLY
VALID ONLY WITH RAISED ENGINEER SEAL

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ELITE FLOOR DECK

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	WTF	CT	05/19/10

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