



2 FLIGHT DECK FOUNDATION PLAN
1/4" = 1'-0"

FLIGHT DECK FOUNDATION PLAN KEY NOTES

- 1 CONCRETE DECK NOT BY TLC, REFER TO FLOATING DOCK DRAWINGS FOR INFORMATION.
- 5A TYP. INTERIOR COLUMN = 8" X 8" PT SP TIMBER POSTS
FASTEN TO CONCRETE W/ ABU88 POST BASE
- 5B TYP. EXTERIOR COLUMN = 6" X 6" PT SP TIMBER POSTS (AT WALL)
FASTEN TO CONCRETE W/ ABU66 POST BASE
- 6A TYP. SHEAR WALL = 19/32" NOMINAL WOOD STRUCTURAL PANEL SHEATHING WITH 10d GALVANIZED BOX NAILS WITH 4" PANEL EDGE FASTENER SPACING OVER 2x6 PT (SELECT STRUCTURAL GRADE) STUDS @ 16" O.C. 2x6 PT CONTINUOUS BOTTOM PLATE AND (2) 2x6 PT CONTINUOUS TOP PLATE. SHEATHING SHALL BE ON INSIDE FACE OF SHEAR WALL ONLY. PROVIDE (3) 2x6 PT STUDS AT EACH END OF SHEAR WALL WITH HOLDDOWN ANCHOR (SIMPSON TYPE HD9B W/ 7/8" DIA. X 12" LG. ANCHOR TO CONCRETE AND (3) 7/8" MB TO STUDS
- 6B TYP. NON-SHEAR WALL = PANEL FRAMING OVER 3x6 PT STUDS @ 16" O.C. W/ 2x6 PT (SELECT STRUCTURAL GRADE) BOTTOM PLATE AND (2) 2x6 PT TOP PLATE. BLOCKING AT EACH STUD SPACED AT 48" O.C.
- 16 INDICATES LOCATION OF SHEARWALL HOLDDOWN ANCHOR ASSEMBLY, REFER TO HOLD DOWN ANCHOR TYPICAL DETAIL FOR INFO.



1 FLIGHT DECK ROOF FRAMING PLAN
1/4" = 1'-0"

FLIGHT DECK FRAMING PLAN KEY NOTES

- 1 TOP OF DECK ELEVATION VARIES, REFER TO PLAN.
- 2 TYP. 3/4" EXTERIOR BLOCKED PLYWOOD DECK, FASTEN WITH 10d NAILS @ 3" O.C. TO LEDGER AND RIM BOARD. FASTEN WITH 10d NAILS @ 6" AT ALL OTHER PANEL EDGES.
- 3 TYP. GIRDER = 5" X 12" 20.625" 24F-V3 SP GLU-LAM BEAM
MAX SPAN = 18' - 0"
- 4A TYP. PURLIN = 2" X 12" PT SELECT STRUCTURAL GRADE SP @ 16" O.C.
MAX SPAN = 12' - 0" TYP. @ ALL BAYS / BRACING AT MIDSPAN.
- 4B EDGE: PURLIN = (2) 2" X 12" PT SELECT STRUCTURAL GRADE SP
- 5A TYP. INTERIOR COLUMN = 8" X 8" PT SP TIMBER POSTS
FASTEN TO CONCRETE W/ ABU88 POST BASE
- 5B TYP. EXTERIOR COLUMN = 6" X 6" PT SP TIMBER POSTS (AT WALL)
FASTEN TO CONCRETE W/ ABU66 POST BASE
- 6A TYP. SHEAR WALL = 19/32" NOMINAL WOOD STRUCTURAL PANEL SHEATHING WITH 10d GALVANIZED BOX NAILS WITH 2" PANEL EDGE FASTENER SPACING OVER 2x6 PT (SELECT STRUCTURAL GRADE) STUDS @ 16" O.C. 2x6 PT CONTINUOUS BOTTOM PLATE AND (2) 2x6 PT CONTINUOUS TOP PLATE. SHEATHING SHALL BE ON INSIDE FACE OF SHEAR WALL ONLY. PROVIDE (3) 2x6 PT STUDS AT EACH END OF SHEAR WALL WITH HOLDDOWN ANCHOR (SIMPSON TYPE HD9B. SEE TYPICAL HOLDDOWN DETAIL ON SHEETS S5.11 FOR INFO.)
- 6B TYP. NON-SHEAR WALL = PANEL FRAMING OVER 3x6 PT STUDS @ 16" O.C. W/ 2x6 PT (SELECT STRUCTURAL GRADE) BOTTOM PLATE AND (2) 2x6 PT TOP PLATE. BLOCKING AT EACH STUD SPACED AT 48" O.C.
- 7 2x6 PT LEDGER FOR STAIR FRAMING SUPPORT. FASTEN TO EACH STUD W/ (3) SIMPSON SDWS22400DB (GALV.) X 4" LG. TIMBER SCREWS INTO NARROW FACE OF STUD.
- 8 STAIR AND LANDING: 3/4" EXTERIOR GRADE PLYWOOD DECK OVER 2x6 JOISTS @ 16" O.C. JOISTS TO SPAN TO LEDGER BEAM ON EACH SIDE. JOIST TO LEDGER CONNECTION: LUG8 (GALV.) W/ (8) SD9112 FASTENERS TO FACE AND (4) SD9112 FASTENERS TO JOIST.
- 9 TYP. GIRDER TO 8x8 POST CONNECTION: SIMPSON CC88 (GALV.) W/ (4) 3/4" BOLTS (GALV.) TO BEAM AND (2) 3/4" BOLTS (GALV.) TO POST
- 10 TYP. GIRDER TO 6x6 POST CONNECTION: SIMPSON C66 (GALV.) W/ (4) 5/8" BOLTS (GALV.) TO BEAM AND (2) 5/8" BOLTS (GALV.) TO POST
- 11 TYP. JOIST TO GIRDER CONNECTION: SIMPSON MU28 (GALV.) W/ (8) SD9112 FASTENERS TO FACE OF BEAM AND (8) SD9112 FASTENERS TO JOIST
- 12 PROVIDE 2x6 LEDGER AND FASTEN TO EACH STUD W/ (2) 16d NAILS AND TO BLOCKING W/ 16d @ 4" O.C.
- 13 DOOR HEADER BEAM: (3) 2x8 PT W/ (2) 1/2" PLYWOOD PLATES. FASTEN TOGETHER W/ 16d X 3" NAILS @ 8" O.C. (TYP.). REFERENCE ARCH FOR OPENING LOCATIONS.
- 14 DIAGONAL MIDSPAN BRIDGING. TYPE: SIMPSON TB27 (GALV.) W/ (2) SD9112 FASTENERS EACH END.
- 15 SKEWED CONNECTOR: TYPE SIMPSON (GALV.) TCJ57 W/ (12) SD9112 FASTENERS TO EACH JOIST.

TO THE BEST OF THE STRUCTURAL ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM CODES AS DETERMINED BY LOCAL AUTHORITY IN ACCORDANCE WITH CHAPTER 553, FLORIDA STATUTES.