

Customer:
CARDINAL CREST HOMES

Job Name:
SCOUT 3 BEDROOM PERGOLA PARK

Address:
1036 SW ARMIE ST.

Subcontractor:
JIM ANDERSON

Designer:
LUKE RUSKAMP

FLOOR LOADING CRITERIA

Scale:

TOP CHORD LIVE LOAD (TCLL) 40.0 lb/ft²
TOP CHORD DEAD LOAD (TCDL) 10.0 lb/ft²
BOTTOM CHORD LIVE LOAD (BCLL) 5.0 lb/ft²
BOTTOM CHORD DEAD LOAD (BCDL) 5.0 lb/ft²

Date: **10/28/2020**

DEFLECTION (LIVE) 480.000 (TOTAL) 360.000
DURATION FACTOR: **P200462**
BUILDING CODE: IRC2015

ROOF LOADING CRITERIA

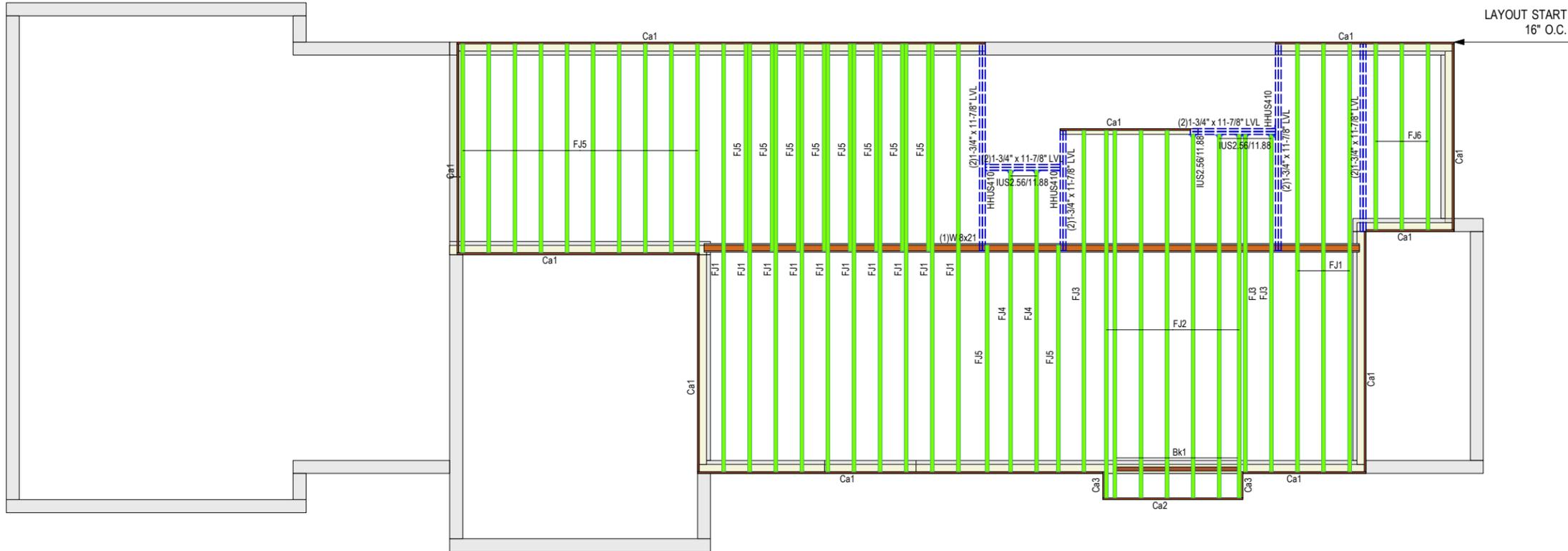
TOP CHORD LIVE LOAD (TCLL) 30.0 lb/ft²
TOP CHORD DEAD LOAD (TCDL) 10.0 lb/ft²
BOTTOM CHORD LIVE LOAD (BCLL) 30.0 lb/ft²
BOTTOM CHORD DEAD LOAD (BCDL) 10.0 lb/ft²

DEFLECTION (LIVE) 240.000 (TOTAL) 180.000
WIND SPEED: 115 mph
BUILDING CODE: IRC2015

1ST FLOOR DECK - LAYOUT

**RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI**

12/14/2020



Products						
PlotID	Length	Product	Plies	Net Qty	Fab Type	
FJ1	22-00-00	11 7/8" PRI-40	1	13	MFD	
FJ2	20-00-00	11 7/8" PRI-40	1	7	MFD	
FJ3	18-00-00	11 7/8" PRI-40	1	3	MFD	
FJ4	16-00-00	11 7/8" PRI-40	1	2	MFD	
FJ5	12-00-00	11 7/8" PRI-40	1	20	MFD	
FJ6	10-00-00	11 7/8" PRI-40	1	3	MFD	
(2)1-3/4" x 11-7/8" LVL	12-00-00	1-3/4" x 11-7/8" LVL	2	4	MFD	
(2)1-3/4" x 11-7/8" LVL	10-00-00	1-3/4" x 11-7/8" LVL	2	2	MFD	
(2)1-3/4" x 11-7/8" LVL	7-00-00	1-3/4" x 11-7/8" LVL	2	2	MFD	
(2)1-3/4" x 11-7/8" LVL	5-00-00	1-3/4" x 11-7/8" LVL	2	2	MFD	
(2)1-3/4" x 11-7/8" LVL	4-00-00	1-3/4" x 11-7/8" LVL	2	2	MFD	
(1)W 8x21	33-06-00	W 8x21	1	1	MFD	
Ca2	8-00-00	1 1/8" x 11 7/8" APA Rim Board	1	1	FF	
Ca3	2-00-00	1 1/8" x 11 7/8" APA Rim Board	1	2	FF	
Ca1	12-00-00	1 1/8" x 11 7/8" APA Rim Board	1	11	FF	
Bk1	6-00-00	11 7/8" PRI-40	1	1	FF	

Connector Summary			
Qty	Manuf	Product	Supported Mtl
3	Simpson	HHUS410	2- 1-3/4" x 11-7/8" LVL
7	N/A	IUS2.56/11.88	11 7/8" PRI-40



**VERIFIED FOR
CONFORMANCE WITH
REFERENCED PLAN**