

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

DEFLECTION: (LIVE) 480.000 (TOTAL) 360.000
DURATION FACTOR: 1.0
BUILDING CODE: IRC2015

Date:
10/28/2020

Job #:
P200462

ROOF LOADING CRITERIA

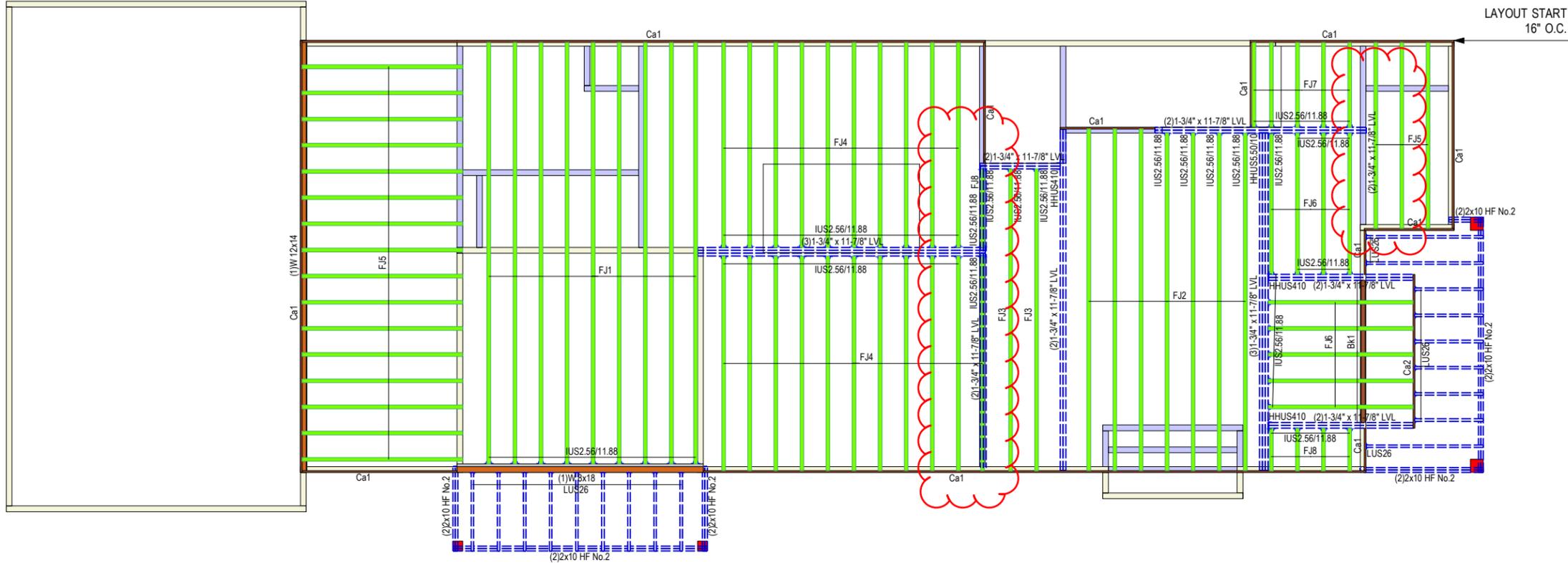
TOP CHORD LIVE LOAD (TCLL) 30.0 lb/ft²
TOP CHORD DEAD LOAD (TCDL) 10.0 lb/ft²
BOTTOM CHORD LIVE LOAD (BCLL) 30.0 lb/ft²
BOTTOM CHORD DEAD LOAD (BCDL) 10.0 lb/ft²

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

2ND 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	9	MFD
FJ2	18-00-00	11 7/8" PRI-40	1	7	MFD
FJ3	16-00-00	11 7/8" PRI-40	1	2	MFD
FJ4	12-00-00	11 7/8" PRI-40	1	21	MFD
FJ5	10-00-00	11 7/8" PRI-40	1	19	MFD
FJ6	8-00-00	11 7/8" PRI-40	1	9	MFD
FJ7	6-00-00	11 7/8" PRI-40	1	5	MFD
FJ8	4-00-00	11 7/8" PRI-40	1	5	MFD
(2)2x10 HF No.2	14-00-00	2x10 HF No.2	2	4	MFD
(2)2x10 HF No.2	7-00-00	2x10 HF No.2	2	2	MFD
(2)2x10 HF No.2	5-00-00	2x10 HF No.2	2	4	MFD
(2)2x10 HF No.2	2-00-00	2x10 HF No.2	2	2	MFD
(2)1-3/4" x 11-7/8" LVL	18-00-00	1-3/4" x 11-7/8" LVL	2	2	MFD
(3)1-3/4" x 11-7/8" LVL	18-00-00	1-3/4" x 11-7/8" LVL	3	3	MFD
(3)1-3/4" x 11-7/8" LVL	16-00-00	1-3/4" x 11-7/8" LVL	3	3	MFD
(2)1-3/4" x 11-7/8" LVL	12-00-00	1-3/4" x 11-7/8" LVL	2	2	MFD
(2)1-3/4" x 11-7/8" LVL	8-00-00	1-3/4" x 11-7/8" LVL	2	4	MFD
(2)1-3/4" x 11-7/8" LVL	5-00-00	1-3/4" x 11-7/8" LVL	2	2	MFD
(1)W 12x14	22-00-00	W 12x14	1	1	MFD
(1)W 8x18	12-07-00	W 8x18	1	1	MFD
Ca2	8-00-00	1 1/8" x 11 7/8" APA Rim Board	1	1	FF
Ca1	12-00-00	1 1/8" x 11 7/8" APA Rim Board	1	12	FF
Bk1	7-00-00	11 7/8" PRI-40	1	1	FF
CJ1	6-00-00	2x6 SPF No.2	1	3	FF
CJ2	4-00-00	2x6 SPF No.2	1	15	FF

Connector Summary			
Qty	Manuf	Product	Supported Mtl
1	Simpson	HHUS50/10	3- 1-3/4" x 11-7/8" LVL
3	Simpson	HHUS410	2- 1-3/4" x 11-7/8" LVL
60	N/A	IUS2.56/11.88	11 7/8" PRI-40
18	Simpson	LUS26	2x6 SPF No.2

TRUSS LAYOUT/SUBMITTAL REVIEW

REVIEWED & FOUND TO BE IN CONFORMANCE WITH REFERENCED PLAN

FURNISH AS CORRECTED

REVIEWED WITH CHANGES TO REFERENCED DRAWINGS

REVISE AS NOTED & RESUBMIT

THIS REVIEW IS TO VERIFY GENERAL CONFORMANCE WITH THE DESIGN AND INFORMATION CONTAINED IN THE REFERENCED PLAN AND/OR CONSTRUCTION DOCUMENTS. REVIEW DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS, MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, SAFETY AND COORDINATION OF HIS WORK TO BE PERFORMED.

HD ENGINEERING & DESIGN
11656 W. 75TH ST., SHAWNEE, KS 66214 P: 913-631-2222 WWW.HDENGINEERS.COM

SIGNED:  DATE: **11/20/2020**