

APPROVAL OF REED'S METALS, LLC DRAWINGS INDICATE THAT REED'S METALS, LLC CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS. WHERE DISCREPANCIES EXIST BETWEEN THE REED'S METALS, LLC PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 4.2.1 AISC CODE OF STANDARD PRACTICE 9TH ED.) DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY REED'S METALS, LLC ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN REED'S METALS, LLC UNLESS SPECIFICALLY INDICATED.

BUILDING LOADS / DESCRIPTION:

WIDTH: 236 LENGTH: 70 HEIGHT: 35 /35
(BUILDING DIMENSIONS ARE NOMINAL. REFER TO PLANS).

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY : FBC 2020 .

COUNTY: COLUMBIA

THE CONTRACTOR IS TO CONFIRM THAT THESE LOADS COMPLY WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT.

ROOF DEAD LOAD: 3.000 PSF (ROOF PANELS & PURLINS)

COLLATERAL LOAD: 5 PSF

ROOF LIVE LOAD: 20.00 PSF REDUCED? Yes

ROOF SNOW LOAD: 0 PSF

GROUND SNOW LOAD: 0.0000 PSF

ULTIMATE WIND SPEED: 130 MPH

WIND SPEED-SERVICABILITY 75.0000 MPH

WIND EXPOSURE: C

Cpi - PRESSURE: 0.18

Cpi - SUCTION: -0.18

SEISMIC SITE CLASS: D

SEISMIC DESIGN CATEGORY: B

RISK CATEGORY: II - Normal

SEISMIC Ss: 0.09

SEISMIC S1: 0.05

SEISMIC Fa: 1.6000

SEISMIC Fv: 2.4000

SEISMIC Sm1: 0.1248

SEISMIC Sds: 0.10

SEISMIC Sd1: 0.08

SEISMIC BASE SHEAR: LONGITUDINAL FORCE, V = 6.53 (k)
TRANSVERSE FORCE, V = 7.24 (k)

IMPORTANCE FACTORS:

WIND LOAD: 1.00

SNOW LOAD 1.0000

SEISMIC LOAD 1.00

ROOF PANELS:

COLOR: Galvalume

WALL PANELS:

COLOR: Forest Green

TRIM COLORS:

GABLE: Arctic White

CORNER: Arctic White

EAVE: Arctic White

FRAMED OPENINGS: Arctic White

BASE: Arctic White

LINER PANELS:

COLOR: N/A

LINER TRIM:

COLOR: N/A

SPECIAL NOTES:

DEFLECTION & DRIFT REQUIREMENTS:

END-WALL COLUMNS = L/180

END-WALL RAFTERS = L/180

GIRTS = L/90

PURLINS = L/180 (LL), L/150 (WL)

RIGID FRAMES = H/60, L/180

BS23-091A

SCHEDULE OF DRAWINGS

C1-C4	COVER DWGS
A1-A4	ANCHOR BOLT DWGS
E1-E11	ERECTION DWGS
F1-F4	CROSS SECTIONS

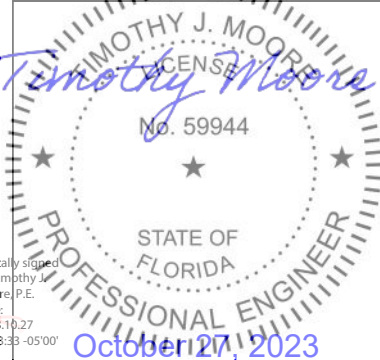
PURCHASER: Quality Construction of America

PROJECT: Robbins Manufacturing

JOB NUMBER: BS23-091

SHEET: C1 OF C4

THE ENGINEER WHOSE SEAL APPEARS HEREON IS AN EMPLOYEE FOR THE MANUFACTURER. SAID SEAL OR CERTIFICATION IS LIMITED TO THE PRODUCTS DESIGNED AND MANUFACTURED BY REEDS METALS, LLC ONLY AND DESCRIBED HEREON. THE UNDERSIGNED ENGINEER IS NOT THE OVERALL ENGINEER OF RECORD FOR THIS PROJECT.



Timothy J. Moore
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