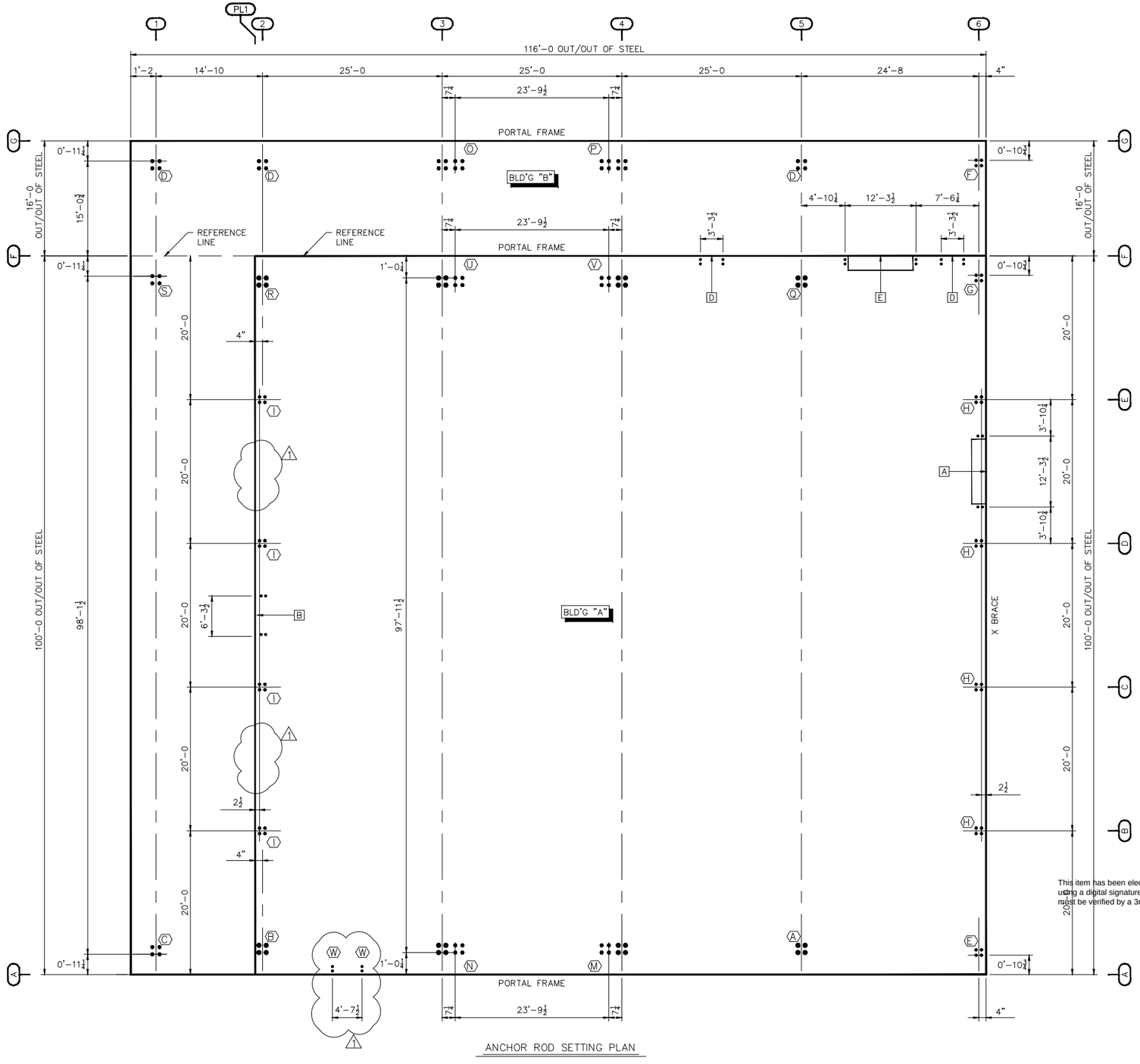
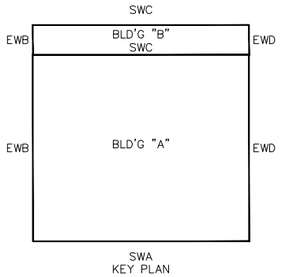
Anchor Rod Drawings

1) This drawing is for anchor rod placement only and is not foundation design.
2) Foundation must be square and level with all anchor rods true in size, location, and projection.
3) Projection shown must be held to keep threads clear of finished concrete.
4) This structural design data includes magnitude and location of design loads and support conditions, material properties, and type and size of major structural members necessary to show compliance with the Order Documents at the time of this issue. Any change to building loads or dimensions may change structural member sizes and locations shown. This structural design data will be superseded and voided by any future mailing.
5) Anchor rod size is determined by shear and tension at the bottom of the base plate. The length of the anchor rod and method of load transfer to the foundation are to be determined by the foundation engineer, and are not provided by the manufacturer.
6) Anchor rods are ASTM F1554 Gr. 36 material unless noted otherwise.
7) 3000 psi concrete compressive strength (f'c) is assumed for the purpose of column base plate design unless otherwise noted.

FINISH FLOOR AT ELEVATION 100'-0




ANCHOR ROD SETTING PLAN




KEY PLAN

| ACCESSORY SCHEDULE | | | |
|---|---|---|---|
| MARK | DESCRIPTION | DETAIL | QUAN. |
| A | 12'-0 X 12'-0 FRAMED OPENINGS | K | 1 |
| B | 6'-0 X 7'-0 FRAMED OPENINGS | J | 1 |
| D | 3'-0 X 4'-0 FRAMED OPENINGS | L | 2 |
| E | 12'-0 X 12'-0 FRAMED OPENINGS | T | 1 |

ANCHOR BOLTS TO BE DESIGNED BY FOUNDATION ENGINEER USING DIAMETERS SHOWN IN THIS TABLE.

| ANCHOR ROD DESCRIPTION | QUANTITY |
|---|---|
| ⅝"ø DIAMETER X | 68 |
| ¾"ø DIAMETER X | 52 |
| 1"ø DIAMETER X | 32 |

1

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/26/24 | REVISED THRU CO#6 | MAC | JAQ |

HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555

Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Drawing Status:
REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/9/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: F1 of 6

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

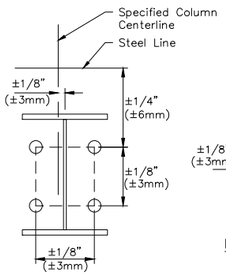
M.W. CUSTER, P.E.
FLORIDA P.E. 0052825

This item has been electronically signed and sealed by M.W. Custer, P.E. on the date adjacent to the stamp shown using a digital signature. Printed copies of this document are not considered signed and sealed and the signature must be verified by a 3rd Party Certificate Authority on any electronic copy.

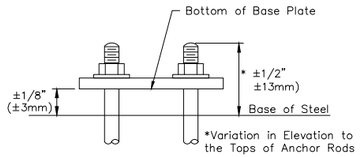
M.W. CUSTER LICENSE No. 52825 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 06, 2024

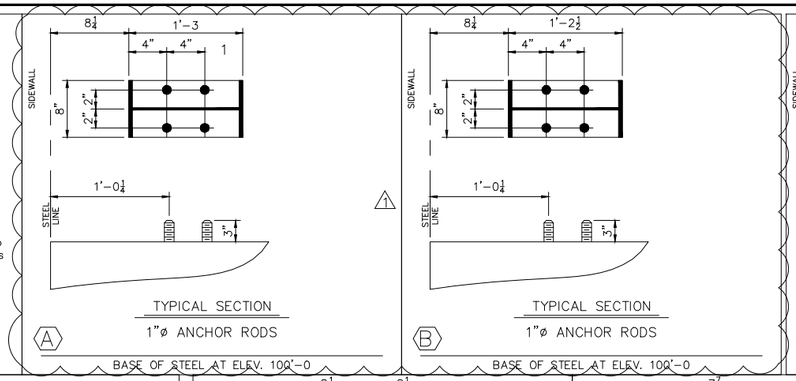
## AISC CODE OF STANDARD PRACTICE TOLERANCES FOR SETTING ANCHOR RODS

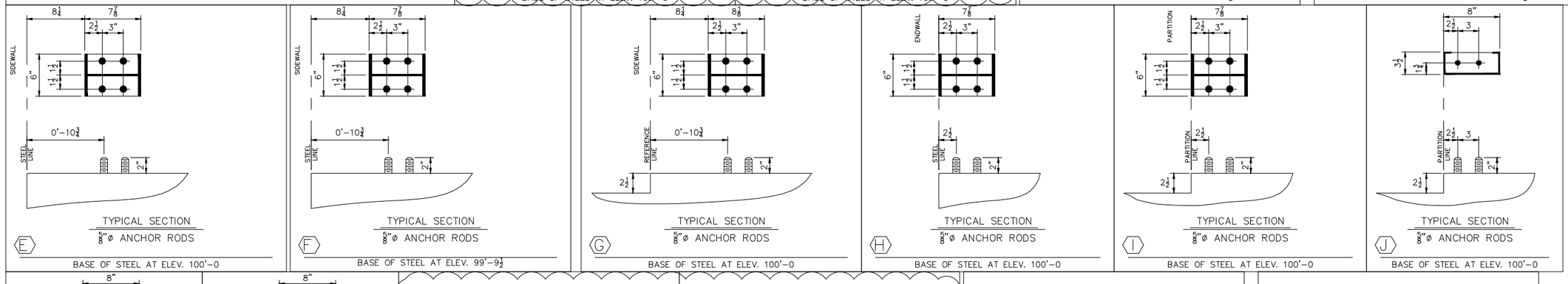


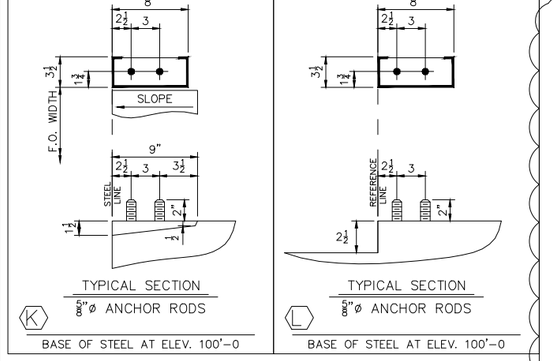

**ANCHOR ROD SETTING TOLERANCES**

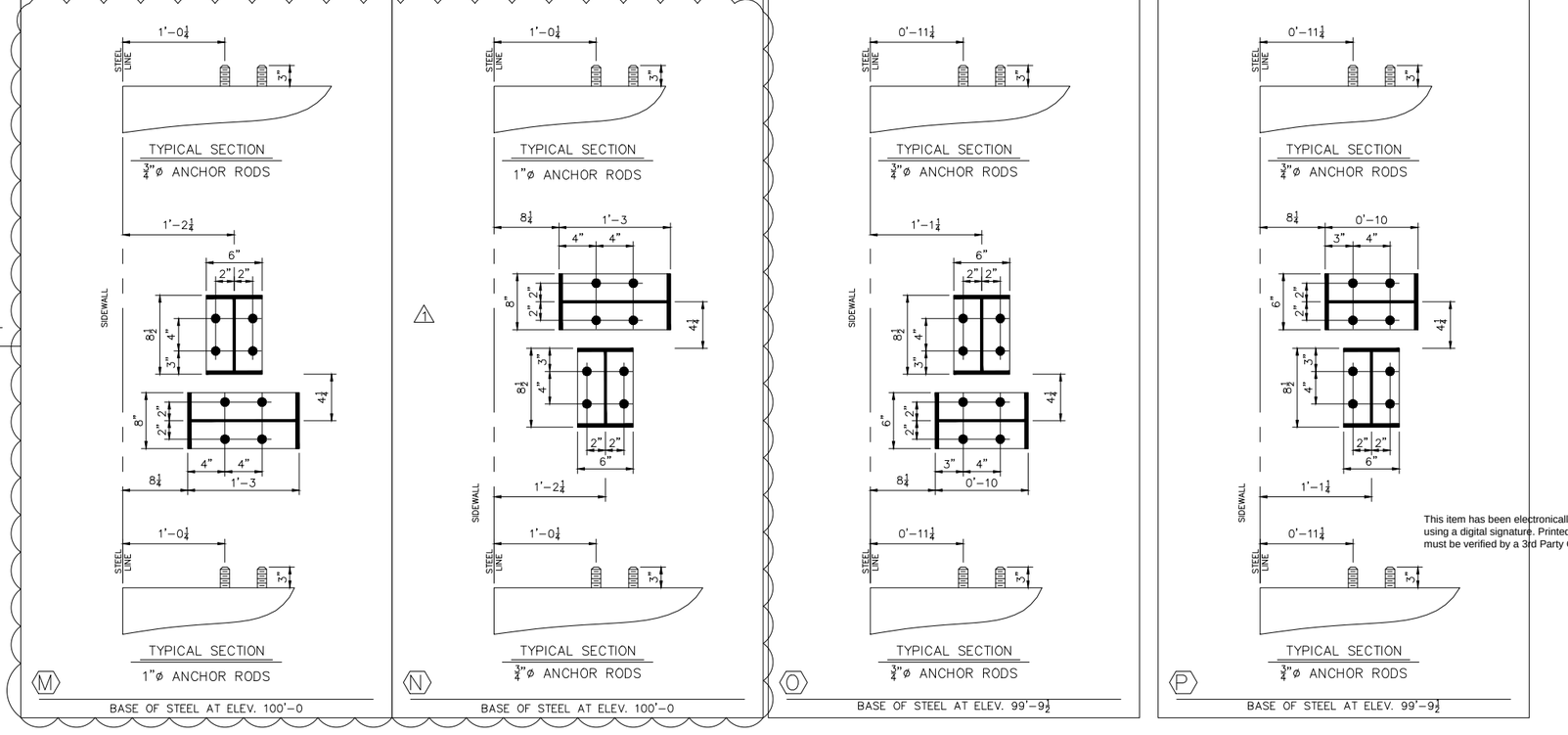



**BASE PLATE AND ANCHOR ROD TOLERANCES**

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|---|---|---|---|---|
| 1 | 07/26/24 | REVISED THRU CO#6 | MAC | JAQ |


HERITAGE BUILDING SYSTEMS.
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FORT WHITE FL 32038
DOUG MOSLEY

Drawing Status: REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/9/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: F2 of 6

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Aug 06, 2024

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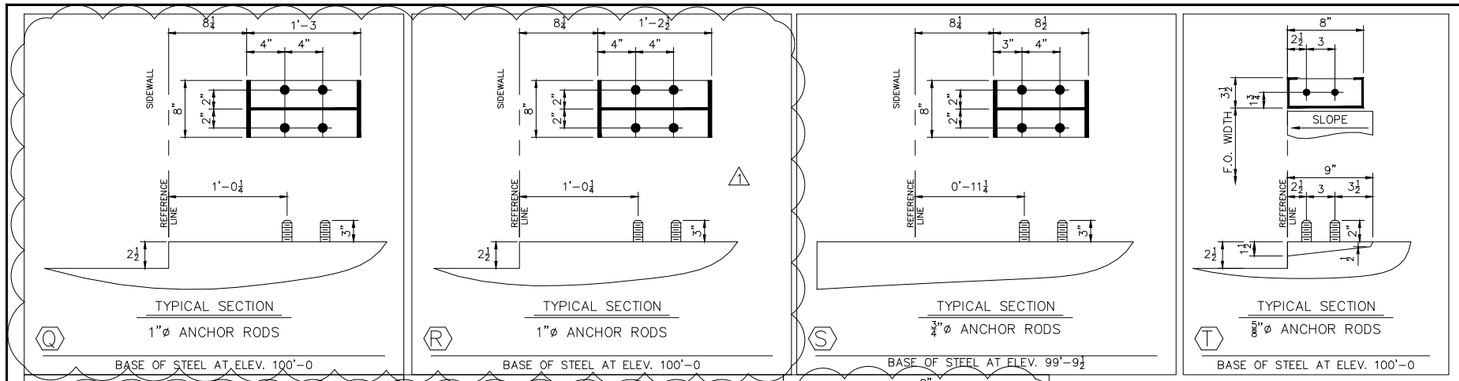


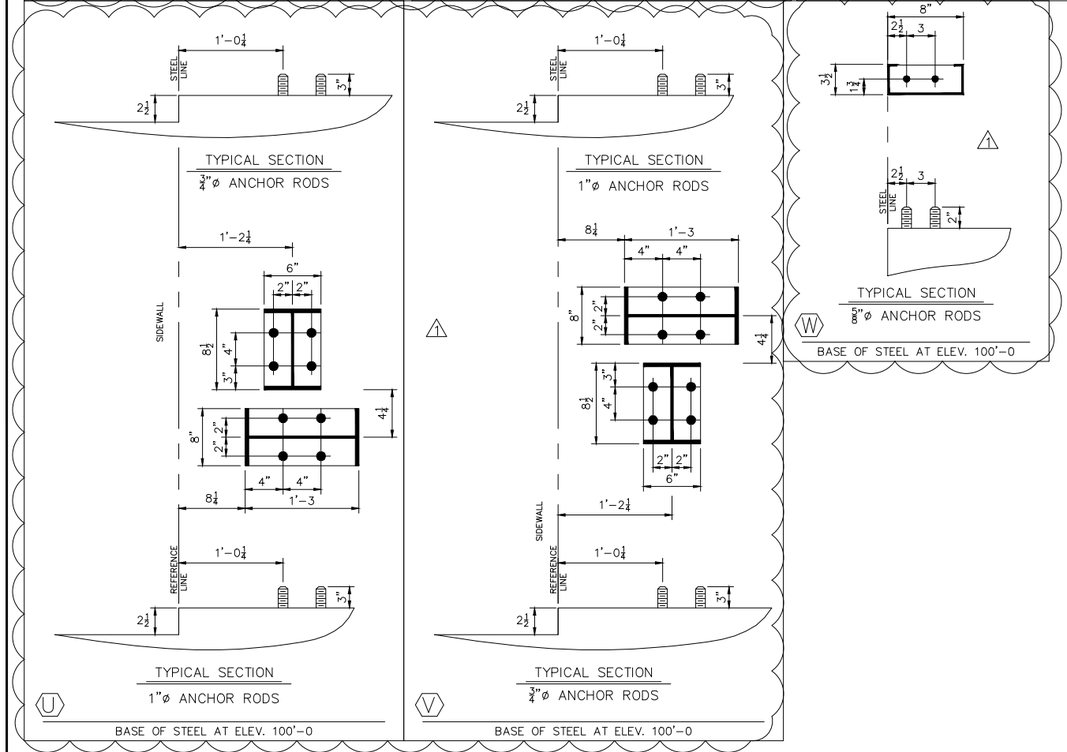


| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/26/24 | REVISED THRU CO#6 | MAC | JAQ |

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REVISED

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
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Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: F3 of 6

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Aug 06, 2024

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

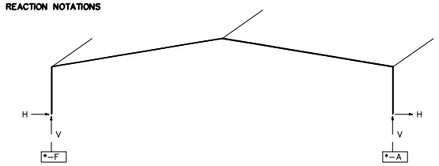
FRAME ID #6 cs 100./14./8.583 20./145./ | USER NAME: mtsanchez JOB NAME: 33112A | DATE: 07/12/24 PAGE: 6-3 FILE: frame_1.fra

SUPPORT REACTIONS FOR EACH LOAD GROUP

*LOCATION: Gridlines: 1

NOTES: (1) All reactions are in kips and kip-ft. TIME: 16:59:30
(2) Primary wind load cases are not concurrent.
(3) X-bracing reactions (RBPULW and RBUPEQ) are combined withLWL and LEQ groups only.

REACTION NOTATIONS




LOAD GROUP REACTION TABLE GRIDLINES * = 1

| COLUMN | *-F | | | *-A | | |
|---|---|---|---|---|---|---|
| LOAD GROUP | H | V | L | H | V | L |
| DL | 2.2 | 2.7 | -0.0 | -2.2 | 2.5 | -0.0 |
| LL | 8.8 | 9.8 | -0.0 | -8.8 | 8.6 | -0.0 |
| COLL | 0.4 | 0.5 | -0.0 | -0.4 | 0.4 | -0.0 |
| WL1 | -18.5 | -25.1 | -0.0 | 19.7 | -19.2 | -0.0 |
| WL2 | -2.5 | -5.0 | -0.0 | 0.4 | -0.5 | -0.0 |
| LWL1 | -15.8 | -23.8 | -0.0 | 19.9 | -18.8 | -0.0 |
| LWL2 | -18.6 | -20.9 | -0.0 | 20.6 | -23.3 | -0.0 |
| LWL3 | 0.3 | -3.6 | -0.0 | 0.6 | -0.0 | -0.0 |
| LWL4 | -2.5 | -0.8 | -0.0 | 1.3 | -4.5 | -0.0 |
| WL3 | -19.0 | -21.7 | -0.0 | 21.9 | -23.7 | -0.0 |
| WL4 | -2.9 | -1.6 | -0.0 | 2.5 | -4.9 | -0.0 |

LOAD GROUP DESCRIPTION

DL : Roof Dead Load
LL : Roof Live Load
COLL : Roof Collateral Load
WL1 : Wind from Left to Right with +GCpi
WL2 : Wind from Left to Right with -GCpi
LWL1 : Windward Corner Left with +GCpi
LWL2 : Windward Corner Right with +GCpi
LWL3 : Windward Corner Left with -GCpi
LWL4 : Windward Corner Right with -GCpi
WL3 : Wind from Right to Left with +GCpi
WL4 : Wind from Right to Left with -GCpi

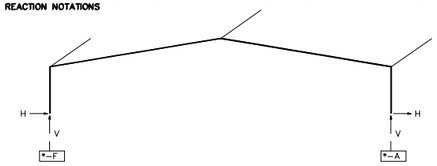
FRAME ID #5 cs 100./14./19.917 20./145. | USER NAME: mtsanchez JOB NAME: 33112A | DATE: 07/12/24 PAGE: 5-3 FILE: frame_2.fra

SUPPORT REACTIONS FOR EACH LOAD GROUP

*LOCATION: Gridlines: 2

NOTES: (1) All reactions are in kips and kip-ft. TIME: 17:18:25
(2) Primary wind load cases are not concurrent.
(3) X-bracing reactions (RBPULW and RBUPEQ) are combined withLWL and LEQ groups only.

REACTION NOTATIONS




LOAD GROUP REACTION TABLE GRIDLINES * = 2

| COLUMN | *-F | | | *-A | | |
|---|---|---|---|---|---|---|
| LOAD GROUP | H | V | L | H | V | L |
| DL | 4.1 | 4.6 | -0.0 | -4.1 | 4.1 | -0.0 |
| LL | 21.5 | 22.8 | -0.0 | -21.6 | 19.9 | -0.0 |
| COLL | 1.1 | 1.1 | -0.0 | -1.1 | 1.0 | -0.0 |
| WL1 | -39.1 | -47.2 | -0.0 | 33.5 | -36.9 | -0.0 |
| WL2 | 3.7 | 0.5 | -0.0 | -4.9 | 5.9 | -0.0 |
| LWL1 | -35.5 | -45.3 | -0.0 | 32.8 | -36.2 | -0.0 |
| LWL2 | -39.4 | -41.3 | -0.0 | 33.9 | -42.4 | -0.0 |
| LWL3 | 7.2 | 2.5 | -0.0 | -5.6 | 6.6 | -0.0 |
| LWL4 | 3.4 | 6.4 | -0.0 | -4.5 | 0.4 | -0.0 |
| WL3 | -38.7 | -42.0 | -0.0 | 42.5 | -43.6 | -0.0 |
| WL4 | 4.1 | 5.8 | -0.0 | 4.1 | -0.8 | -0.0 |

LOAD GROUP DESCRIPTION

DL : Roof Dead Load
LL : Roof Live Load
COLL : Roof Collateral Load
WL1 : Wind from Left to Right with +GCpi
WL2 : Wind from Left to Right with -GCpi
LWL1 : Windward Corner Left with +GCpi
LWL2 : Windward Corner Right with +GCpi
LWL3 : Windward Corner Left with -GCpi
LWL4 : Windward Corner Right with -GCpi
WL3 : Wind from Right to Left with +GCpi
WL4 : Wind from Right to Left with -GCpi

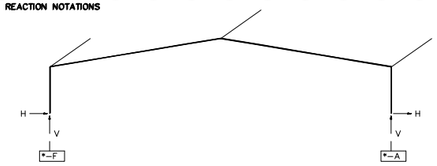
FRAME ID #4 cs 100./14./25. 20./121./0. | USER NAME: mtsanchez JOB NAME: 33112A | DATE: 07/12/24 PAGE: 4-3 FILE: frames_3-5.fra

SUPPORT REACTIONS FOR EACH LOAD GROUP

*LOCATION: Gridlines: 3 4 5

NOTES: (1) All reactions are in kips and kip-ft. TIME: 17:48:59
(2) Primary wind load cases are not concurrent.
(3) X-bracing reactions (RBPULW and RBUPEQ) are combined withLWL and LEQ groups only.

REACTION NOTATIONS




LOAD GROUP REACTION TABLE GRIDLINES * = 3 4 5

| COLUMN | *-F | | | *-A | | |
|---|---|---|---|---|---|---|
| LOAD GROUP | H | V | L | H | V | L |
| DL | 4.9 | 5.4 | -0.0 | -4.9 | 4.9 | -0.0 |
| LL | 27.1 | 28.6 | -0.0 | -27.2 | 25.0 | -0.0 |
| COLL | 1.4 | 1.4 | -0.0 | -1.4 | 1.2 | -0.0 |
| WL1 | -21.7 | -27.2 | -0.0 | 18.0 | -19.7 | -0.0 |
| WL2 | -9.4 | -13.6 | -0.0 | 7.0 | -7.4 | -0.0 |
| LWL1 | -18.5 | -25.5 | -0.0 | 17.4 | -19.1 | -0.0 |
| LWL2 | -21.9 | -22.1 | -0.0 | 18.4 | -24.5 | -0.0 |
| LWL3 | -6.3 | -11.9 | -0.0 | 6.4 | -6.8 | -0.0 |
| LWL4 | -9.6 | -8.4 | -0.0 | 7.3 | -12.3 | -0.0 |
| WL3 | -21.3 | -22.6 | -0.0 | 25.9 | -25.5 | -0.0 |
| WL4 | -9.0 | -9.0 | -0.0 | 14.9 | -13.3 | -0.0 |

LOAD GROUP DESCRIPTION

DL : Roof Dead Load
LL : Roof Live Load
COLL : Roof Collateral Load
WL1 : Wind from Left to Right with +GCpi
WL2 : Wind from Left to Right with -GCpi
LWL1 : Windward Corner Left with +GCpi
LWL2 : Windward Corner Right with +GCpi
LWL3 : Windward Corner Left with -GCpi
LWL4 : Windward Corner Right with -GCpi
WL3 : Wind from Right to Left with +GCpi
WL4 : Wind from Right to Left with -GCpi

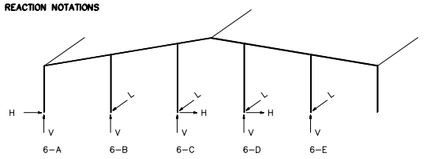
FRAME DESCRIPTION: Endwall EWD | USER NAME: mjimenez JOB NAME: 33112A | DATE: 04/17/23 FILE: REW4BLDG1 | PAGE: EW-2

PATH: R:\Jobs\Active\Eng\19-B-33112\ver02-mjimenez\BLDG-A\run01\

SUPPORT REACTIONS FOR EACH LOAD GROUP

NOTE: All reactions are in kips and kip-ft. TIME: 17:13:17

REACTION NOTATIONS




LOAD GROUP REACTION TABLE

| COLUMN | 6-A | | | 6-B | | | 6-C | | | 6-D | | | 6-E | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOAD GROUP | H | V | L | H | V | L | H | V | L | H | V | L | H | V | L |
| D | 0.0 | 0.5 | 0. | 0. | 1.1 | 0. | 0. | 1.0 | 0. | 0. | 1.1 | 0. | 0. | 1.2 | 0. |
| C | 0.0 | 0.1 | 0. | 0. | 0.3 | 0. | 0. | 0.2 | 0. | 0. | 0.2 | 0. | 0. | 0.3 | 0. |
| L | 0.1 | 2.2 | 0. | 0. | 5.5 | 0.0 | 0. | 5.0 | 0.0 | 0. | 5.0 | 0.0 | 0. | 5.5 | 0.0 |
| W+ | -0.1 | -2.7 | 0. | 0. | -6.3 | 3.7 | 0. | -8.2 | 4.4 | 0. | -8.2 | 4.4 | 0. | -6.3 | 3.7 |
| W- | -0.1 | -2.7 | 0. | 0. | -6.3 | -4.1 | 0. | -8.2 | -4.9 | 0. | -8.2 | -4.9 | 0. | -6.3 | -4.1 |
| WR | -0.1 | -2.7 | 0. | 0. | -6.3 | 0.0 | 0. | -4.9 | 0.0 | 3.2 | -11.6 | 0.0 | 0. | -6.3 | 0.0 |
| WL | -0.1 | -2.7 | 0. | 0. | -6.3 | 0.0 | -4.4 | -12.8 | 0.0 | 0. | -3.7 | 0.0 | 0. | -6.3 | 0.0 |

LOAD GROUP DESCRIPTION

D : Dead load
C : Collateral load
L : Live load
W+ : Wind load as an inward acting pressure
W- : Wind load as an outward acting suction
WR : Wind force from the right
WL : Wind force from the left

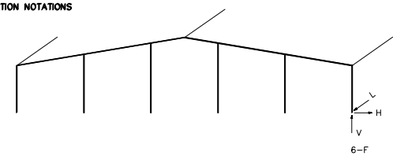
FRAME DESCRIPTION: Endwall EWD | USER NAME: mjimenez JOB NAME: 33112A | DATE: 04/17/23 FILE: REW4BLDG1 | PAGE: EW-3

PATH: R:\Jobs\Active\Eng\19-B-33112\ver02-mjimenez\BLDG-A\run01\

SUPPORT REACTIONS FOR EACH LOAD GROUP

NOTE: All reactions are in kips and kip-ft. TIME: 17:13:17

REACTION NOTATIONS




LOAD GROUP REACTION TABLE

| COLUMN | 6-F | | |
|---|---|---|---|
| LOAD GROUP | H | V | L |
| D | 0.0 | 0.9 | 0. |
| C | 0.0 | 0.2 | 0. |
| L | 0.1 | 4.0 | 0. |
| W+ | -0.3 | -7.0 | 3.4 |
| W- | -0.3 | -7.0 | -3.9 |
| WR | -0.3 | -7.0 | 0. |
| WL | -0.3 | -7.0 | 0. |

LOAD GROUP DESCRIPTION

D : Dead load
C : Collateral load
L : Live load
W+ : Wind load as an inward acting pressure
W- : Wind load as an outward acting suction
WR : Wind force from the right
WL : Wind force from the left

NOTES

1) THE REACTIONS PROVIDED ARE BASED ON THE ORDER DOCUMENTS AT THE TIME OF MAILING. ANY CHANGES TO BUILDING LOADS OR DIMENSIONS MAY CHANGE THE REACTIONS. THE REACTIONS WILL BE SUPERSEDED AND VOIDED BY ANY FUTURE MAILING.
2) THE REACTIONS PROVIDED HAVE BEEN CREATED WITH THE FOLLOWING LAYOUT (UNLESS NOTED OTHERWISE).
a) A REACTION TABLE IS PROVIDED WITH THE REACTIONS FOR EACH LOAD GROUP.
b) RIGID FRAMES
(1) GABLED BUILDINGS
(a) LEFT AND RIGHT COLUMNS ARE DETERMINED AS IF VIEWING THE LEFT SIDE OF THE BUILDING, AS SHOWN ON THE ANCHOR ROD DRAWING, FROM THE OUTSIDE OF THE BUILDING.
(b) INTERIOR COLUMNS ARE SPACED FROM LEFT SIDE TO RIGHT SIDE.
(2) SINGLE SLOPE BUILDINGS
(a) LEFT COLUMN IS THE LOW SIDE COLUMN.
(b) RIGHT COLUMN IS THE HIGH SIDE COLUMN.
(c) INTERIOR COLUMNS ARE SPACED FROM LOW SIDE TO HIGH SIDE.
c) ENDWALLS
(1) LEFT AND RIGHT COLUMNS ARE DETERMINED AS IF VIEWING THE WALL FROM THE OUTSIDE.
(2) INTERIOR COLUMNS ARE SPACED FROM LEFT TO RIGHT.
d) ANCHOR ROD SIZE IS DETERMINED BY SHEAR AND TENSION AT THE BOTTOM OF THE BASE PLATE. THE LENGTH OF THE ANCHOR ROD AND METHOD OF LOAD TRANSFER TO THE FOUNDATION ARE TO BE DETERMINED BY THE FOUNDATION ENGINEER.
e) ANCHOR RODS ARE ASTM F1554 Gr. 36 MATERIAL UNLESS NOTED OTHERWISE ON THE ANCHOR ROD LAYOUT DRAWING.
f) X-BRACING
(1) ROD BRACING REACTIONS HAVE BEEN INCLUDED IN VALUES SHOWN IN THE REACTION TABLES.
(2) FOR IBC AND UBC BASED BUILDING CODES, WHEN X-BRACING IS PRESENT IN THE SIDEWALL, INDIVIDUAL LONGITUDINAL SEISMIC LOADS (RBUPEQ AND RBDWEQ) DO NOT INCLUDE THE AMPLIFICATION FACTOR, $\Omega_0$
(3) FOR CANADA BUILDING CODE (NBC), WHEN X-BRACING IS PRESENT IN THE SIDEWALL OR ENDWALL, INDIVIDUAL LONGITUDINAL SEISMIC LOADS (RBUPEQ & RBDWEQ) ARE MULTIPLIED BY FORCE REDUCTION FACTOR, Rd, WHEN SPECIFIED SHORT-PERIOD SPECTRAL ACCELERATION RATIO $I_E F_a S_a(0.2)$ IS GREATER THAN 0.45.
3) REACTIONS ARE PROVIDED AS UN-FACTORED FOR EACH LOAD GROUP APPLIED TO THE COLUMN. THE FOUNDATION ENGINEER WILL APPLY THE APPROPRIATE LOAD FACTORS AND COMBINE THE REACTIONS IN ACCORDANCE WITH THE BUILDING CODE AND DESIGN SPECIFICATIONS TO DETERMINE BEARING PRESSURES AND CONCRETE DESIGN. THE FACTORS APPLIED TO LOAD GROUPS FOR THE STEEL COLUMN DESIGN MAY BE DIFFERENT THAN THE FACTORS USED IN THE FOUNDATION DESIGN.
a) FOR PROJECTS USING ULTIMATE DESIGN WIND SPEEDS SUCH AS 2012 IBC, 2015 IBC, OR FLORIDA BUILDING CODE, THE WIND LOAD REACTIONS ARE AT A STRENGTH VALUE WITH A LOAD FACTOR OF 1.0.
b) FOR IBC CODES, THE SEISMIC REACTIONS PROVIDED ARE AT A STRENGTH LEVEL AND DO NOT CONTAIN THE RHO FACTOR.
c) FOR NBCC CODES, THE SEISMIC REACTIONS PROVIDED DO NOT CONTAIN THE $R_d$*$R_o$ FACTOR.
THE MANUFACTURER DOES NOT PROVIDE "MAXIMUM" LOAD COMBINATION REACTIONS, HOWEVER, THE INDIVIDUAL LOAD REACTIONS PROVIDED MAY BE USED BY THE FOUNDATION ENGINEER TO DETERMINE THE APPLICABLE LOAD COMBINATIONS FOR HIS/HER DESIGN PROCEDURES AND ALLOW FOR AN ECONOMICAL FOUNDATION DESIGN.

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/26/24 | UPDATED REACTIONS PER CO#6 | MAC | JAQ |


HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555


Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Drawing Status: REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/9/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: F4 of 6

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

M.W. CUSTER, P.E.
FLORIDA P.E. 0052825

This item has been electronically signed and sealed by M.W. Custer, P.E. using a digital signature. Printed copies of this document are not considered signed and sealed and the signature must be verified by a 3rd Party Certificate Authority on any electronic copy.

M.W. CUSTER LICENSE No. 52825 STATE OF FLORIDA PROFESSIONAL ENGINEER

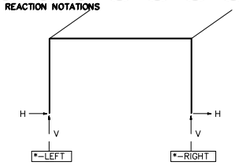
Aug 06, 2024

FRAME ID #7 | USER NAME: mtsanchez | DATE: 07/12/24 PAGE: 7-2
pf 25/14. main building at p | JOB NAME: 33112A | FILE: pframe_grido_bay3.fra

SUPPORT REACTIONS FOR EACH LOAD GROUP

LOCATION: bays 3-(Gridline A)
NOTES: (1) All reactions are in kips and kip-ft. TIME: 17:39:59
(2) Primary wind load cases are not concurrent.
(3) X-bracing reactions (RBPULW and RBUPEQ) are combined withLWL and LEQ groups only.

REACTION NOTATIONS




LOAD GROUP REACTION TABLE GRIDLINES * = A

| COLUMN | *-LEFT | | | *-RIGHT | | |
|---|---|---|---|---|---|---|
| LOAD GROUP | H | V | L | H | V | L |
| DL | 0.0 | 0.4 | -0.0 | -0.0 | 0.4 | -0.0 |
| LWL1 | -4.2 | -4.7 | -0.0 | -4.4 | 4.7 | -0.0 |
| LWL2 | 4.4 | 4.7 | -0.0 | 4.2 | -4.7 | -0.0 |

LOAD GROUP DESCRIPTION

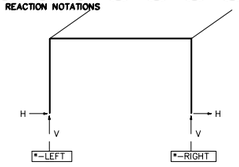
DL : Roof Dead Load
LWL1 : Wind from Left to Right with +GCpi
LWL2 : Wind from Right to Left with -GCpi

FRAME ID #8 | USER NAME: mtsanchez | DATE: 07/12/24 PAGE: 8-2
pf 25/14. main building at p | JOB NAME: 33112A | FILE: pframe_gridf_bay3.fra

SUPPORT REACTIONS FOR EACH LOAD GROUP

LOCATION: bays 3-(Gridline F)
NOTES: (1) All reactions are in kips and kip-ft. TIME: 17:42:47
(2) Primary wind load cases are not concurrent.
(3) X-bracing reactions (RBPULW and RBUPEQ) are combined withLWL and LEQ groups only.

REACTION NOTATIONS




LOAD GROUP REACTION TABLE GRIDLINES * = F

| COLUMN | *-LEFT | | | *-RIGHT | | |
|---|---|---|---|---|---|---|
| LOAD GROUP | H | V | L | H | V | L |
| DL | 0.0 | 0.5 | -0.0 | -0.0 | 0.5 | -0.0 |
| LWL1 | -4.7 | -5.3 | -0.0 | -4.9 | 5.3 | -0.0 |
| LWL2 | 4.9 | 5.3 | -0.0 | 4.7 | -5.3 | -0.0 |

LOAD GROUP DESCRIPTION

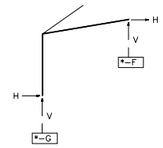
DL : Roof Dead Load
LWL1 : Wind from Left to Right with +GCpi
LWL2 : Wind from Right to Left with -GCpi

FRAME ID #1 | USER NAME: mtsanchez | DATE: 07/12/24 PAGE: 1-2
lt 16./11.333/25. 20./121./ | JOB NAME: 33112A | FILE: ltfral_1-5.fra

SUPPORT REACTIONS FOR EACH LOAD GROUP

*LOCATION: Gridlines: 3 4 5
NOTES: (1) All reactions are in kips and kip-ft. TIME: 17:37:49
(2) Primary wind load cases are not concurrent.
(3) X-bracing reactions (RBPULW and RBUPEQ) are combined withLWL and LEQ groups only.

REACTION NOTATIONS




LOAD GROUP REACTION TABLE GRIDLINES * = 3 4 5

| COLUMN | *-G | | | SUPPORT(*-F) | | |
|---|---|---|---|---|---|---|
| LOAD GROUP | H | V | L | H | V | L |
| DL | 0.0 | 0.8 | -0.0 | -0.0 | 0.5 | -0.0 |
| LL | 0.1 | 4.4 | -0.0 | -0.1 | 3.6 | -0.0 |
| COLL | 0.0 | 0.2 | -0.0 | -0.0 | 0.2 | -0.0 |
| WL1 | -1.1 | -5.1 | -0.0 | 0.6 | -4.3 | -0.0 |
| WL2 | -2.3 | -2.7 | -0.0 | -1.6 | -2.8 | -0.0 |
| LWL1 | 2.1 | -5.7 | -0.0 | 4.3 | -3.7 | -0.0 |
| LWL2 | 2.1 | -3.8 | -0.0 | 3.7 | -2.2 | -0.0 |
| LWL3 | 0.9 | -3.3 | -0.0 | 2.1 | -2.2 | -0.0 |
| LWL4 | 0.9 | -1.3 | -0.0 | 1.5 | -0.7 | -0.0 |
| WL3 | 1.7 | -3.9 | -0.0 | 3.2 | -2.4 | -0.0 |
| WL4 | 0.5 | -1.4 | -0.0 | 1.1 | -0.9 | -0.0 |

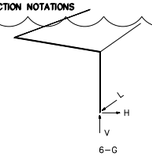
LOAD GROUP DESCRIPTION

DL : Roof Dead Load
LL : Roof Live Load
COLL : Roof Collateral Load
WL1 : Wind from Left to Right with +GCpi
WL2 : Wind from Left to Right with -GCpi
LWL1 : Windward Corner Left with +GCpi
LWL2 : Windward Corner Right with +GCpi
LWL3 : Windward Corner Left with -GCpi
LWL4 : Windward Corner Right with -GCpi
WL3 : Wind from Right to Left with +GCpi
WL4 : Wind from Right to Left with -GCpi

FRAME DESCRIPTION: Endwall EWD | USER NAME: mjimenez | DATE: 04/17/23 PAGE: EW-4
PATH: R:\Jobs\Active\Eng\19-B-33112\ver02-mjimenez\BLDG-A\run01\ | JOB NAME: 33112A | FILE: REW48LDG2

SUPPORT REACTIONS FOR EACH LOAD GROUP
NOTE: All reactions are in kips and kip-ft. TIME: 17:13:17

REACTION NOTATIONS




LOAD GROUP REACTION TABLE

| COLUMN | 6-G | | |
|---|---|---|---|
| LOAD GROUP | H | V | L |
| D | 0.0 | 0.5 | 0. |
| C | 0.0 | 0.1 | 0. |
| L | -0.1 | 2.2 | 0. |
| W+ | 0.1 | -4.1 | 1.5 |
| W- | 0.1 | -4.1 | -1.7 |
| WR | 2.4 | -4.1 | 0. |
| WL | -2.5 | -4.1 | 0. |

LOAD GROUP DESCRIPTION

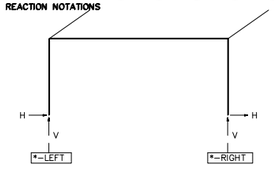
D : Dead load
C : Collateral load
L : Live load
W+ : Wind load as an inward acting pressure
W- : Wind load as an outward acting suction
WR : Wind force from the right
WL : Wind force from the left

FRAME ID #9 | USER NAME: mtsanchez | DATE: 07/12/24 PAGE: 9-2
pf 25/11.333 leanto plane SW | JOB NAME: 33112A | FILE: pframe_gridg_bay3.fra

SUPPORT REACTIONS FOR EACH LOAD GROUP

LOCATION: bays 3-(Gridline G)
NOTES: (1) All reactions are in kips and kip-ft. TIME: 17:44:49
(2) Primary wind load cases are not concurrent.
(3) X-bracing reactions (RBPULW and RBUPEQ) are combined withLWL and LEQ groups only.

REACTION NOTATIONS




LOAD GROUP REACTION TABLE GRIDLINES * = G

| COLUMN | *-LEFT | | | *-RIGHT | | |
|---|---|---|---|---|---|---|
| LOAD GROUP | H | V | L | H | V | L |
| DL | 0.0 | 0.3 | -0.0 | -0.0 | 0.3 | -0.0 |
| LWL1 | -0.4 | -0.4 | -0.0 | -0.4 | 0.4 | -0.0 |
| LWL2 | 0.4 | 0.4 | -0.0 | 0.4 | -0.4 | -0.0 |

LOAD GROUP DESCRIPTION

DL : Roof Dead Load
LWL1 : Wind from Left to Right with +GCpi
LWL2 : Wind from Right to Left with -GCpi

NOTES

1) THE REACTIONS PROVIDED ARE BASED ON THE ORDER DOCUMENTS AT THE TIME OF MAILING. ANY CHANGES TO BUILDING LOADS OR DIMENSIONS MAY CHANGE THE REACTIONS. THE REACTIONS WILL BE SUPERSEDED AND VOIDED BY ANY FUTURE MAILING.
2) THE REACTIONS PROVIDED HAVE BEEN CREATED WITH THE FOLLOWING LAYOUT (UNLESS NOTED OTHERWISE).
a) A REACTION TABLE IS PROVIDED WITH THE REACTIONS FOR EACH LOAD GROUP.
b) RIGID FRAMES
(1) GABLED BUILDINGS
(a) LEFT AND RIGHT COLUMNS ARE DETERMINED AS IF VIEWING THE LEFT SIDE OF THE BUILDING, AS SHOWN ON THE ANCHOR ROD DRAWING, FROM THE OUTSIDE OF THE BUILDING.
(b) INTERIOR COLUMNS ARE SPACED FROM LEFT SIDE TO RIGHT SIDE.
(2) SINGLE SLOPE BUILDINGS
(a) LEFT COLUMN IS THE LOW SIDE COLUMN.
(b) RIGHT COLUMN IS THE HIGH SIDE COLUMN.
(c) INTERIOR COLUMNS ARE SPACED FROM LOW SIDE TO HIGH SIDE.
c) ENDWALLS
(1) LEFT AND RIGHT COLUMNS ARE DETERMINED AS IF VIEWING THE WALL FROM THE OUTSIDE.
(2) INTERIOR COLUMNS ARE SPACED FROM LEFT TO RIGHT.
d) ANCHOR ROD SIZE IS DETERMINED BY SHEAR AND TENSION AT THE BOTTOM OF THE BASE PLATE. THE LENGTH OF THE ANCHOR ROD AND METHOD OF LOAD TRANSFER TO THE FOUNDATION ARE TO BE DETERMINED BY THE FOUNDATION ENGINEER.
e) ANCHOR RODS ARE ASTM F1554 Gr. 36 MATERIAL UNLESS NOTED OTHERWISE ON THE ANCHOR ROD LAYOUT DRAWING.
f) X-BRACING
(1) ROD BRACING REACTIONS HAVE BEEN INCLUDED IN VALUES SHOWN IN THE REACTION TABLES.
(2) FOR IBC AND UBC BASED BUILDING CODES, WHEN X-BRACING IS PRESENT IN THE SIDEWALL, INDIVIDUAL LONGITUDINAL SEISMIC LOADS (RBUPEQ AND RBDWEQ) DO NOT INCLUDE THE AMPLIFICATION FACTOR, $\Omega_0$
(3) FOR CANADA BUILDING CODE (NBC), WHEN X-BRACING IS PRESENT IN THE SIDEWALL OR ENDWALL, INDIVIDUAL LONGITUDINAL SEISMIC LOADS (RBUPEQ & RBDWEQ) ARE MULTIPLIED BY FORCE REDUCTION FACTOR, Rd, WHEN SPECIFIED SHORT-PERIOD SPECTRAL ACCELERATION RATIO $I_E F_a S_a(0.2)$ IS GREATER THAN 0.45.
3) REACTIONS ARE PROVIDED AS UN-FACTORED FOR EACH LOAD GROUP APPLIED TO THE COLUMN. THE FOUNDATION ENGINEER WILL APPLY THE APPROPRIATE LOAD FACTORS AND COMBINE THE REACTIONS IN ACCORDANCE WITH THE BUILDING CODE AND DESIGN SPECIFICATIONS TO DETERMINE BEARING PRESSURES AND CONCRETE DESIGN. THE FACTORS APPLIED TO LOAD GROUPS FOR THE STEEL COLUMN DESIGN MAY BE DIFFERENT THAN THE FACTORS USED IN THE FOUNDATION DESIGN.
a) FOR PROJECTS USING ULTIMATE DESIGN WIND SPEEDS SUCH AS 2012 IBC, 2015 IBC, OR FLORIDA BUILDING CODE, THE WIND LOAD REACTIONS ARE AT A STRENGTH VALUE WITH A LOAD FACTOR OF 1.0.
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| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/26/24 | UPDATED REACTIONS PER CO#6 | MAC | JAQ |


HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555


Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Drawing Status: REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/9/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: F5 of 6

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

M.W. CUSTER, P.E.
FLORIDA P.E. #0052825

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M.W. CUSTER LICENSE No. 52825 STATE OF FLORIDA PROFESSIONAL ENGINEER

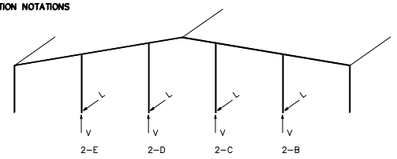
Aug 06, 2024

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

FRAME DESCRIPTION: Endwall Partition 1
USER NAME: mjimenez DATE: 04/11/23 PAGE: EW-1
JOB NAME: 33112A FILE: REW3BLDG1
PATH: R:\Jobs\Active\Eng\19-B-33112\ver02-mjimenez\BLDG-A\run01\

SUPPORT REACTIONS FOR EACH LOAD GROUP
NOTE: All reactions are in kips and kip-ft. TIME: 15:06:02

**REACTION NOTATIONS**




**LOAD GROUP REACTION TABLE**

| COLUMN | 2-E | | | 2-D | | | 2-C | | | 2-B | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOAD GROUP | H | V | L | H | V | L | H | V | L | H | V | L |
| D | 0. | 0.2 | 0. | 0. | 0.2 | 0. | 0. | 0.2 | 0. | 0. | 0.2 | 0. |
| W+ | 0. | 0. | 3.7 | 0. | 0. | 4.4 | 0. | 0. | 4.4 | 0. | 0. | 3.7 |
| W- | 0. | 0. | -4.1 | 0. | 0. | -4.9 | 0. | 0. | -4.9 | 0. | 0. | -4.1 |

**LOAD GROUP DESCRIPTION**

D : Dead load
W+ : Wind load as an inward acting pressure
W- : Wind load as an outward acting suction

NOTES

1) THE REACTIONS PROVIDED ARE BASED ON THE ORDER DOCUMENTS AT THE TIME OF MAILING. ANY CHANGES TO BUILDING LOADS OR DIMENSIONS MAY CHANGE THE REACTIONS. THE REACTIONS WILL BE SUPERSEDED AND VOIDED BY ANY FUTURE MAILING.
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 b) RIGID FRAMES
  (1) GABLED BUILDINGS
   (a) LEFT AND RIGHT COLUMNS ARE DETERMINED AS IF VIEWING THE LEFT SIDE OF THE BUILDING, AS SHOWN ON THE ANCHOR ROD DRAWING, FROM THE OUTSIDE OF THE BUILDING.
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 e) ANCHOR RODS ARE ASTM F1554 Gr. 36 MATERIAL UNLESS NOTED OTHERWISE ON THE ANCHOR ROD LAYOUT DRAWING.
 f) X-BRACING
  (1) ROD BRACING REACTIONS HAVE BEEN INCLUDED IN VALUES SHOWN IN THE REACTION TABLES.
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| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/26/24 | NO CHANGES | MAC | JAQ |


HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555


Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Drawing Status: REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/9/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: F6 of 6

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

M.W. CUSTER, P.E.
FLORIDA P.E. 0052825

This item has been electronically signed and sealed by M.W. Custer, P.E. on the date adjacent to the stamp shown using a digital signature. Printed copies of this document are not considered signed and sealed and the signature must be verified by a 3rd Party Certificate Authority on any electronic copy.

M.W. CUSTER LICENSE No. 52825 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 06, 2024

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

Builder/Contractor Responsibilities

Drawing Validity – These drawings, supporting structural calculations and design certification are based on the order documents as of the date of these drawings. These documents describe the material supplied by the manufacturer as of the date of these drawings. Any changes to the order documents after the date on these drawings may void these drawings, supporting structural calculations and design certification. The Builder/Contractor is responsible for notifying the building authority of all changes to the order documents which result in changes to the drawings, supporting structural calculations and design certification.

Builder Acceptance of Drawings – Approval of the manufacturer's drawings and design data affirms that the manufacturer has correctly interpreted and applied the requirements of the order documents and constitutes Builder/Contractor acceptance of the manufacturer's interpretations of the order documents and standard product specifications, including its design, fabrication and quality criteria standards and tolerances. (AISC COSP April 2010 Section 4.4.1)

Code Official Approval – It is the responsibility of the Builder/Contractor to ensure that all project plans and specifications comply with the applicable requirements of any governing building authority. The Builder/Contractor is responsible for securing all required approvals and permits from the appropriate agency as required.

Building Erection – The Builder/Contractor is responsible for all erection of the steel and associated work in compliance with the Metal Building Manufacturers drawings. Temporary supports, such as temporary guys, braces, false work or other elements required for erection will be determined, furnished and installed by the erector (AISC COSP April 2010 Section 7.10.3).

Discrepancies – Where discrepancies exist between the Metal Building plans and plans for other trades, the Metal Building plans will govern. (AISC COSP April 2010 Section 3.3)

Materials by Others – All interface and compatibility of any materials not furnished by the manufacturer are the responsibility of and to be coordinated by the Builder/Contractor or A/E firm. Unless specific design criteria concerning any interface between materials if furnished as a part of the order documents, the manufacturers assumptions will govern.

Modification of the Metal Building from Plans – The Metal Building supplied by the manufacturer has been designed according to the Building Code and specifications and the loads shown on this drawing. Modification of the building configuration, such as removing wall panels or braces, from that shown on these plans could affect the structural integrity of the building. The Metal Building Manufacturer or a Licensed Structural Engineer should be consulted prior to making any changes to the building configuration shown on these drawings. The Metal Building Manufacturer will assume no responsibility for any loads applied to the building not indicated on these drawings.

Foundation Design
The Metal Building Manufacturer is not responsible for the design, materials and workmanship of the foundation. Anchor rod plans prepared by the manufacturer are intended to show only location, diameter and projection of the anchor rods required to attach the Metal Building System to the foundation. It is the responsibility of the end customer to ensure that adequate provisions are made for specifying rod embedment, bearing values, tie rods and or other associated items embedded in the concrete foundation, as well as foundation design for the loads imposed by the Metal Building System, other imposed loads, and the bearing capacity of the soil and other conditions of the building site. (MBMA 06 Sections 3.2.2 and A3)

Shimming – "In accordance with Section 6.10 of Chapter 4 Common Industry Practices in the Metal Building Systems Manual, shimming is a normal part of erection and is not subject to claim."


HERITAGE BUILDING SYSTEMS®

4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555

For questions or assistance
Concerning Erection call or Email:

1-844-840-4603
Monday - Friday 7:30am to 5:00pm

FIELD.SERVICES@CORNERSTONE-BB.COM


## ENGINEERING DESIGN CRITERIA

| | |
|---|---|
| Building Code | FLORIDA BUILDING CODE, 8TH EDITION (2023) |
| Building Risk Category | Normal (Risk Category II) |
| Roof Dead Load | |
| Superimposed | 2.18 psf (Bldg A) |
| | 2.33 psf (Bldg B) |
| Collateral | 1.00 psf |
| (1.00 psf Other) | |
| Roof Live Load | 20.00 psf no reduction |
| Wind | |
| Ultimate Wind Speed (Vult) | 120.00 mph |
| Nominal Wind Speed (Vasd) | 92 mph (IBC section 1609.3.1) |
| Serviceability Wind Speed | 76 mph |
| Ground Elevation Factor | 1.00 (0 ft ASL) |
| Wind Exposure Category | C |
| Exposure Coefficient (MWFRS) | 0.849 |
| Enclosure Classification | Enclosed Building (Bldg A) |
| | Partially Enclosed Building (Bldg B) |
| Internal Pressure Coef (GCpi) | 0.18/-0.18 (Bldg A From FL-2 to FL-6) |
| | 0.55/-0.55 (Bldg A From FL-1 to FL-2) |
| | 0.55/-0.55 (Bldg B) |
| Wall Loads for components not provided by building manufacturer | |
| Zone 5 Areas (within 5.60' of corner) | 28.72 psf pressure -38.30 psf suction |
| Zone 4 Areas (away from corners) | 28.72 psf pressure -31.12 psf suction |

These values are the maximum values required based on a 10 sq ft area.
Components with larger areas may have lower wind loads.

## DEFLECTION CRITERIA

The material supplied by the manufacturer has been designed with the following minimum deflection criteria. The actual deflection may be less depending on actual load and actual member length.

BUILDING DEFLECTION LIMITS ..... : BLDG-A / BLDG-B

| Roof Limits | | Rafters | Purlins | Panels |
|---|---|---|---|---|
| Live | L/ | 180 | 180 | 60 |
| Serviceability Wind | L/ | 180 | 180 | 60 |
| Total Gravity | L/ | 120 | 120 | 60 |
| Total Uplift | L/ | N/A | N/A | 60 |

| Frame Limits | | Sidesway | Portal Frame Sidesway |
|---|---|---|---|
| Live | H/ | 60 | |
| Serviceability Wind | H/ | 60 | |
| Portal Serviceability Wind | H/ | N/A | 60 |
| Total Gravity | H/ | 60 | |

| Wall Limits | | Limit |
|---|---|---|
| Total Wind Panels | L/ | 60 |
| Total Wind Girts | L/ | 90 |
| Total Wind EW Columns | L/ | 120 |

## PROJECT NOTES

Material properties of steel bar, plate, and sheet used in the fabrication of built-up structural framing members conform to ASTM A529, ASTM A572, or ASTM A1011 with 55 ksi min. yield, except flanges wider than 12" and thicker than 3/8", all flanges thicker than 1", and all webs thicker than 3/8" are 50 ksi min. yield. Rod X-bracing conforms to ASTM A529 or ASTM A572 with 50 ksi min. yield. Cable X-bracing conforms to ASTM A475 7 Strand Extra High-Strength grade. Hot rolled structural shapes conform to ASTM A992, ASTM A529, or ASTM A572 with 50 ksi min. yield. Hot rolled angles, other than flange braces, conform to ASTM A36 minimum. Round and rectangular HSS conforms to ASTM A500 Grade B. Cold-formed steel secondary framing Members conform to ASTM A1011 or ASTM A653 Grade 55 with 55 ksi min. yield. For Canada, material properties conform to CAN/CSA G40.20/G40.21 or equivalent.

Unless otherwise noted, special inspection of fabricated items is not required. Per IBC section 1704.2.5.1, fabricator is approved to perform such work without special inspection through maintenance of IAS AC 472 certification MB-136.

All bolted joints with A325 Type 1 bolts are specified as snug-tightened joints in accordance with the most recent edition of the RCSC Specification for Structural Joints Using ASTM A325 or A490 Bolts. Pre-tensioning methods, including turn-of-nut, calibrated wrench, twist-off-type tension-control bolts or direct-tension-indicator are NOT required. Installation inspection requirements for Snug Tight Bolts (Specification for Structural Joints Section 9.1) is suggested.

Design criteria as noted is as given within order documents and is applied in general accordance with the applicable provisions of the model code and/or specification indicated. Neither the metal building manufacturer nor the certifying engineer declares or attests that the loads as designated are proper for local provisions that may apply or for site specific parameters. The design criteria is supplied by the builder, project owner, or an Architect and/or Engineer of Record for the overall construction project.

Building A is designed as an Enclosed Building. Exterior and/or operable components including, but not limited to, doors, windows, vents, etc. ('Components') must be designed to withstand the required component and cladding wind pressures specified by the building code. In order to maintain the metal building system's Enclosed Building condition, all Components shall be closed when wind velocities reach half the designed wind load for the metal building system as shown on the drawings and design criteria documentation. Failure to maintain the metal building system's Enclosed Building condition will violate and void all warranties and certifications applicable to the material supplied by the metal building manufacturer.

The framing at building A, gridline 1 and building B, gridline 1 is NOT designed to receive a future bay addition. Corresponding frame reactions are calculated based upon actual tributary area.

Framed openings, walk doors, and open areas shall be located in the bay and elevation as shown in the erection drawings. The cutting or removal of girts shown on the erection drawings due to the addition of framed openings, walk doors, or open areas not shown may void the design certifications supplied by the metal building manufacturer.

Roof and wall panels have been designed in accordance with section 2222.4 of the Florida Building Code, 7th Edition. Product approval numbers for the State of Florida, Department of Community Affairs per Product Rule 9B-72:
1. Panel Walls
   FL11917 PBR 26 gauge walls
2. Roofing Products
   FL11819 PBR 26 gauge roofs
3. Walk doors
   FL17900.1 Telstar 3070, Wind-rated to +/- 50 psf, Impact-rate

## Drawing Index


| Page | Description |
|---|---|
| | |
| F1 | Anchor Rod |
| F2 | Anchor Rod Details |
| F3–F5 | Reaction Drawings |
| | |
| E1 | Cover Sheet |
| E2 | Primary Steel BLDGA |
| E3 | Roof Framing BLDGA |
| E4 | Roof Sheeting |
| E5 | Sidewall BLDGA WALLSWA |
| E6 | Sidewall BLDGA WALLSWC BLDGB WALLSWC |
| E7 | Endwall BLDG A&B WALLEWB |
| E8 | Endwall BLDGA&B WALLEWD |
| E9 | Partition BLDGA WALLPL1 |
| E10–E15 | Main Frame Cross Sections |
| E16 | Portal Frame Cross Section 13 FRAMELINEA–SWA |
| E17 | Portal Frame Cross Section 13 FRAMELINEB–SWC |
| E18 | Portal Frame Cross Section 23 FRAMELINEA–SWC |


| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/30/24 | UPDATED THRU CO#6 | MAC | JAQ |


HERITAGE BUILDING SYSTEMS®
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555


Customer: DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Drawing Status: REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E1 of 18

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M.W. CUSTER, P.E.
FLORIDA P.E. 0052825

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Aug 06, 2024

**Download panel installation manuals from:**
www.CBBmanuals.com

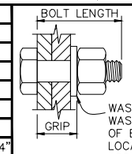
**Descargue los manuales de instalación del panel desde:**
www.CBBmanuals.com

## BUILDING DESCRIPTIONS

| Building ID | Width | Length | Height | Slope |
|---|---|---|---|---|
| Building A | 100'-0 | 116'-0 | 14'-0 | 2:12 |
| Building B | 16'-0 | 116'-0 | 11'-4 | 2:12 |

### 1/2"ø A325 BOLT GRIP TABLE (UNLESS NOTED)

| GRIP | LENGTH |
|---|---|
| 0 TO 9/16" | 1 1/4" F.T. |
| Over 9/16" TO 1 1/16" | 1 3/4" F.T. |
| Over 1 1/16" TO 1 5/16" | 2" |
| Over 1 5/16" TO 1 9/16" | 2 1/4" |
| Over 1 9/16" TO 1 13/16" | 2 1/2" |
| Over 1 13/16" TO 2 1/16" | 2 3/4" |
| LOCATIONS OF BOLTS LONGER THAN 2 3/4" NOTED ON ERECTION DRAWINGS | |
| F.T. DENOTES FULLY THREADED | |

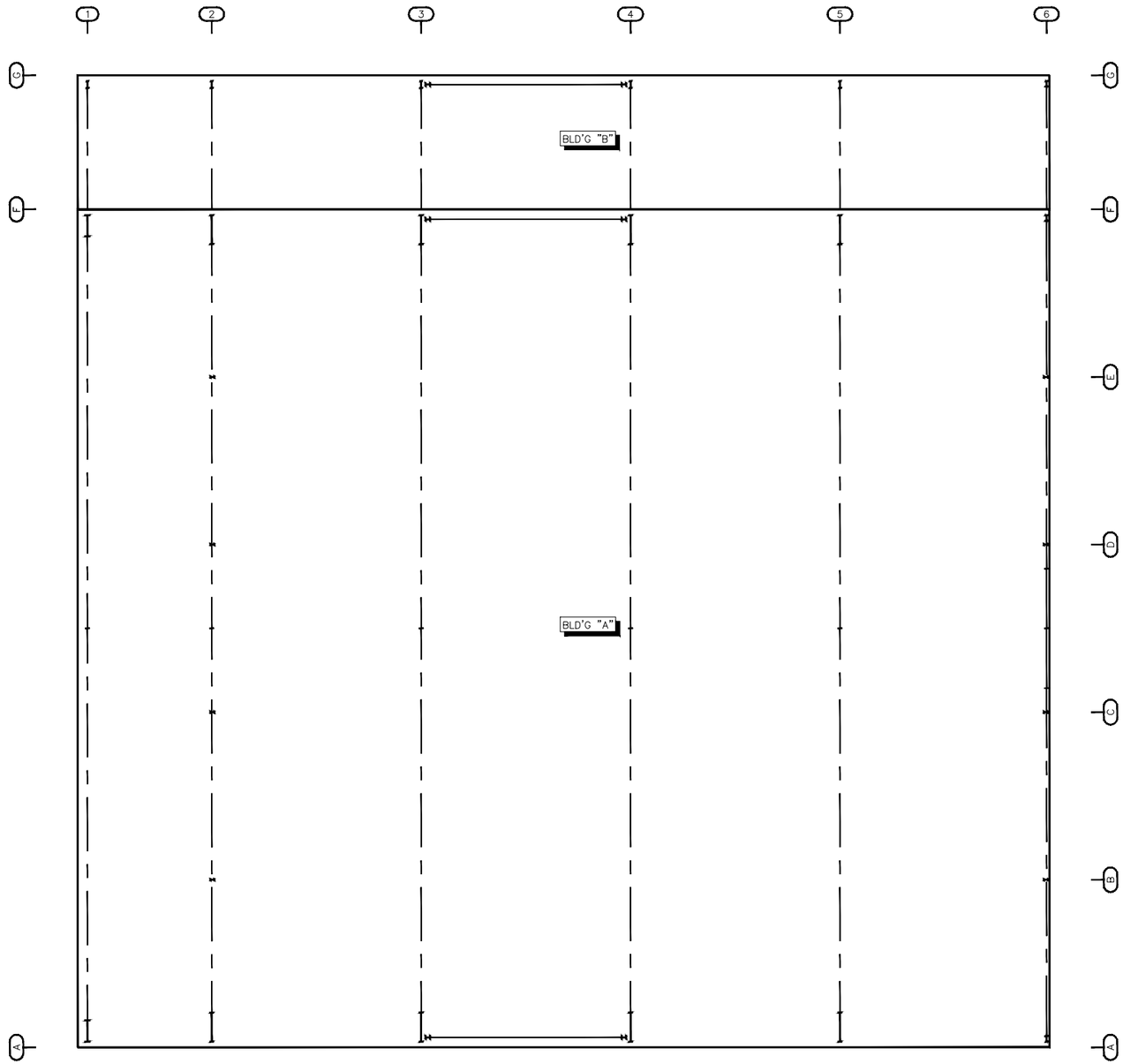



NOTE: FULL THREAD ENGAGEMENT IS DEEMED TO HAVE BEEN MET WHEN THE END OF THE BOLT IS FLUSH WITH THE FACE OF THE NUT.

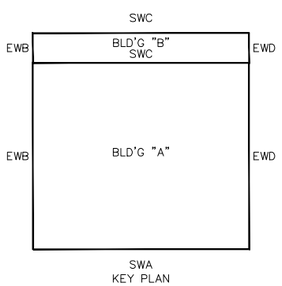
WASHER REQUIRED ONLY WHEN SPECIFIED. WASHER MAY BE LOCATED UNDER HEAD OF BOLT, UNDER NUT, OR AT BOTH AT LOCATIONS NOTED ON ERECTION DRAWINGS. ADD 5/32" FOR EACH WASHER TO MATERIAL THICKNESS TO DETERMINE GRIP.


Columbia County Building Department
Plans Reviewed for Code Compliance
State of Florida


DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.




PRIMARY STEEL LOCATION PLAN

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|---|---|---|---|---|
| 1 | 07/30/24 | NO CHANGES | MAC | JAQ |


HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555


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FORT WHITE FL 32038

Customer:
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362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

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☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E2 of 18

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No. 52825
STATE OF
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PROFESSIONAL ENGINEER

Aug 06, 2024

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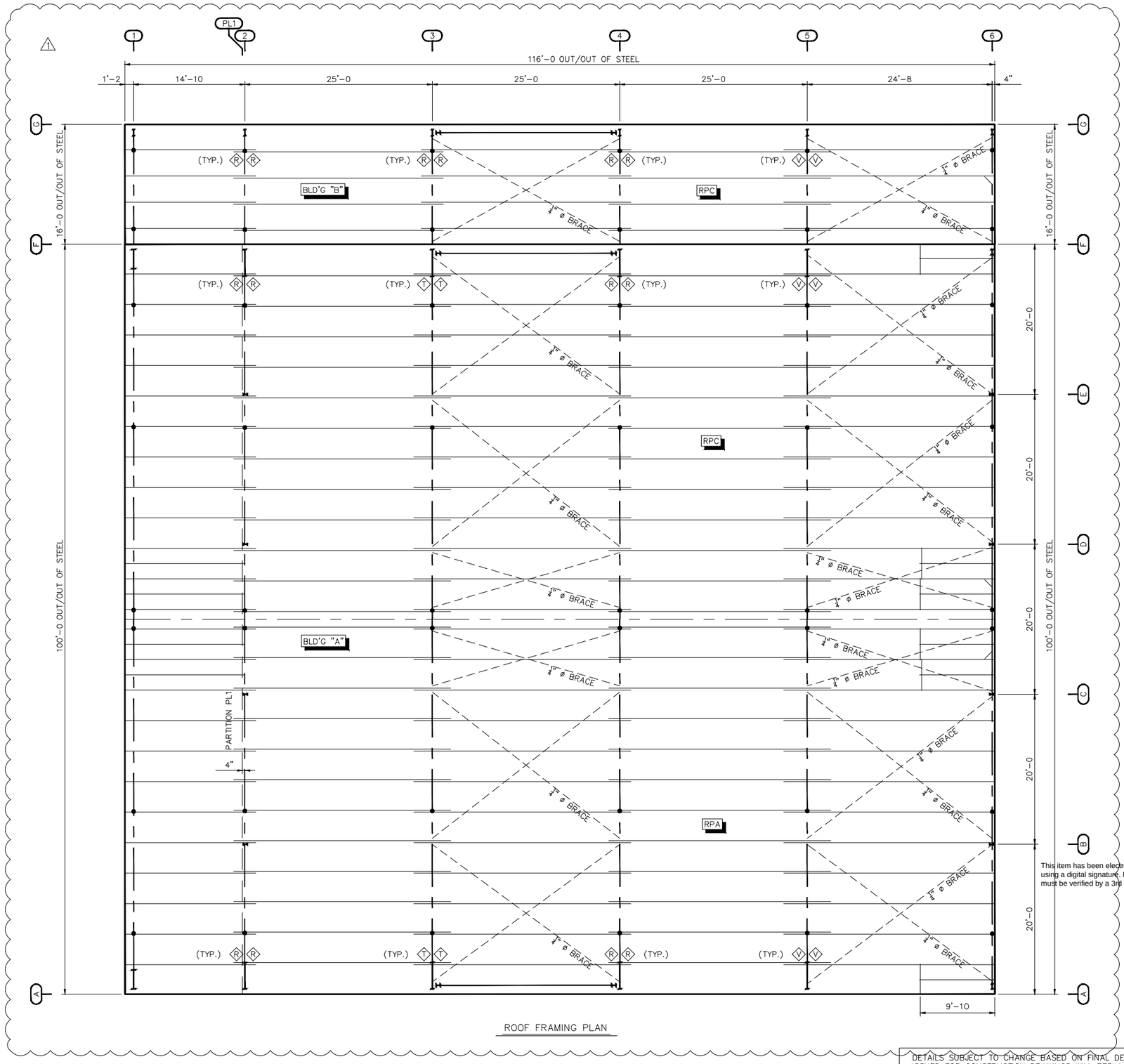
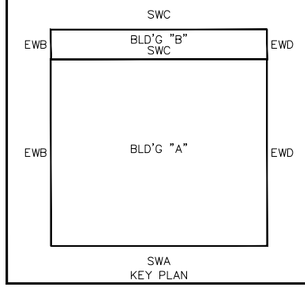
● – DENOTES: CLIP LOCATION
SC90 AT 8" PURLINS
SC92 AT 10" PURLINS
SC94 AT 12" PURLINS




ROOF FRAMING PLAN

| ZEE SECTION LAP TABLE | | | |
|---|---|---|---|
| SYMBOL | LAP LENGTH | SYMBOL | LAP LENGTH |
| G | –0'–0½" | T | 2'–5¾" |
| C | 0'–3¾" | V | 3'–1¾" |
| R | 1'–5¾" | REFER TO CF01122 | |




KEY PLAN

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North Little Rock, AR 72116–8040
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DOUG MOSLEY

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Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19–B–33112–1
Sheet Number: E3 of 18

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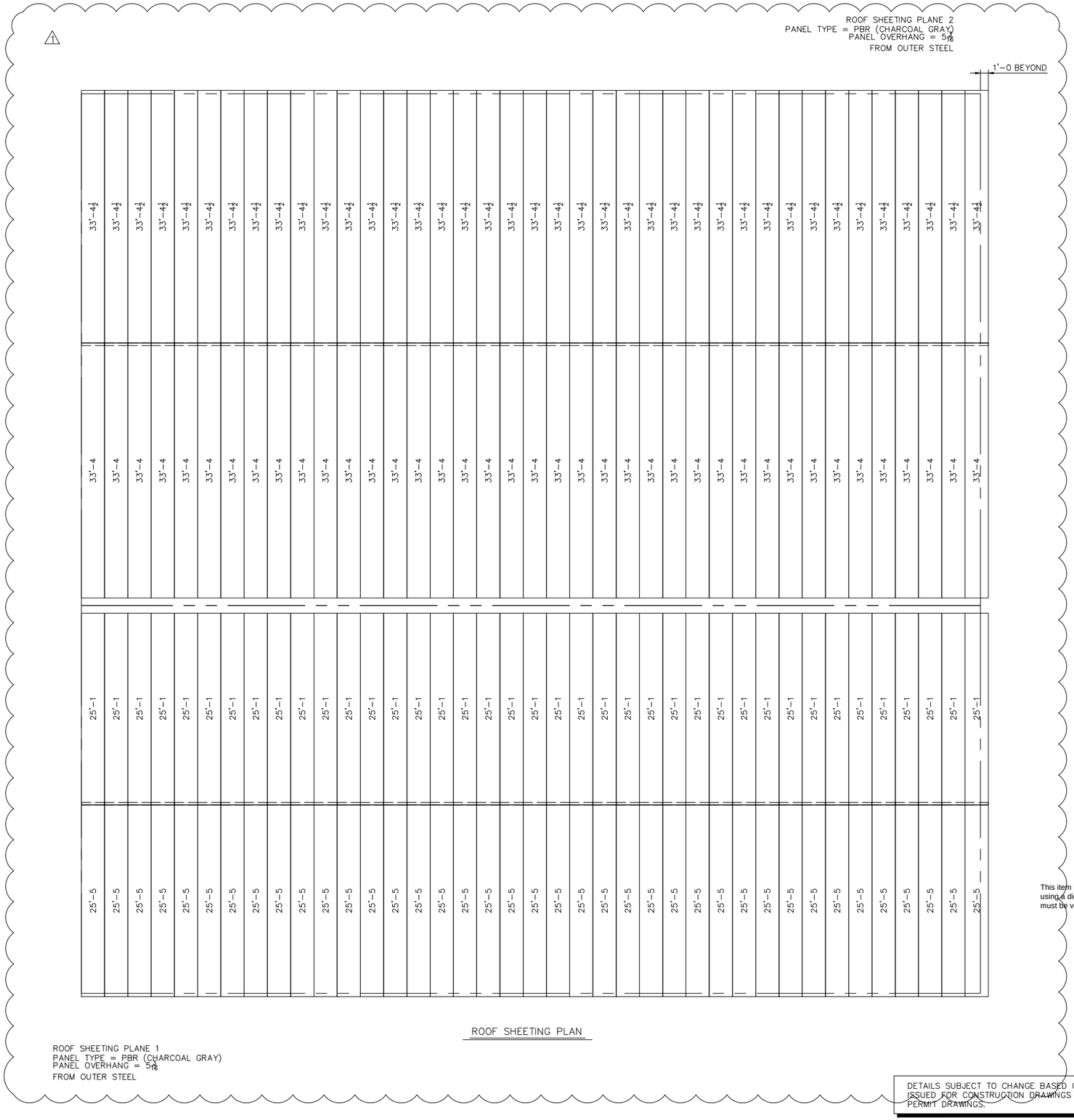
Aug 06, 2024

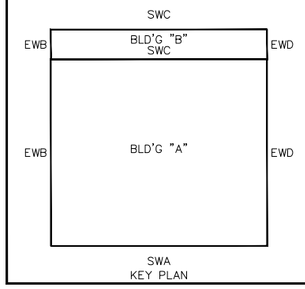
## Non-Standard PBR Roof Panel Fasteners

#58 member fasteners are to be used for panel to secondary attachment in lieu of #3 shown on the R Drawings

PBR ROOF PANELS ARE TO BE FIELD CUT IF THE PANELS EXTEND OUTSIDE OF THE ROOF PLANE, PANELS ARE NOT TO BE BACK LAPPED.




ROOF SHEETING PLAN

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DOUG MOSLEY

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Sheet Number: E4 of 18

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Aug 06, 2024

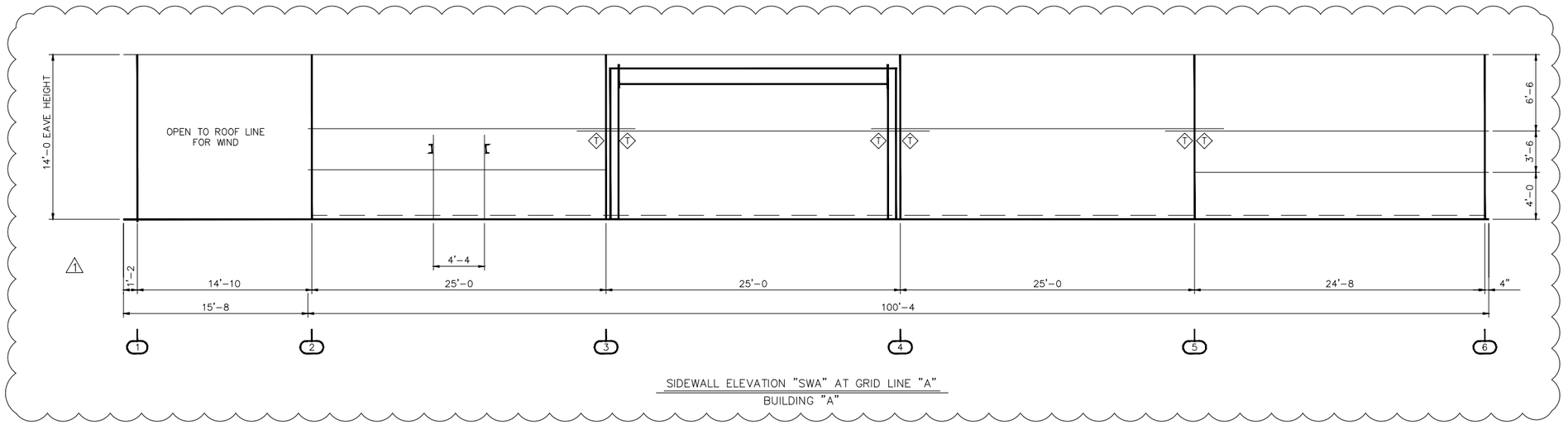
## Non-Standard PBR Wall Panel Fasteners

| |
|---|
| #58 member fasteners are to be used for panel to secondary attachment in lieu of #17A shown on the R Drawings |
| #4 lap fasteners are to be used for panel to panel and panel to trim attachment in lieu of #4A shown on the R Drawings |

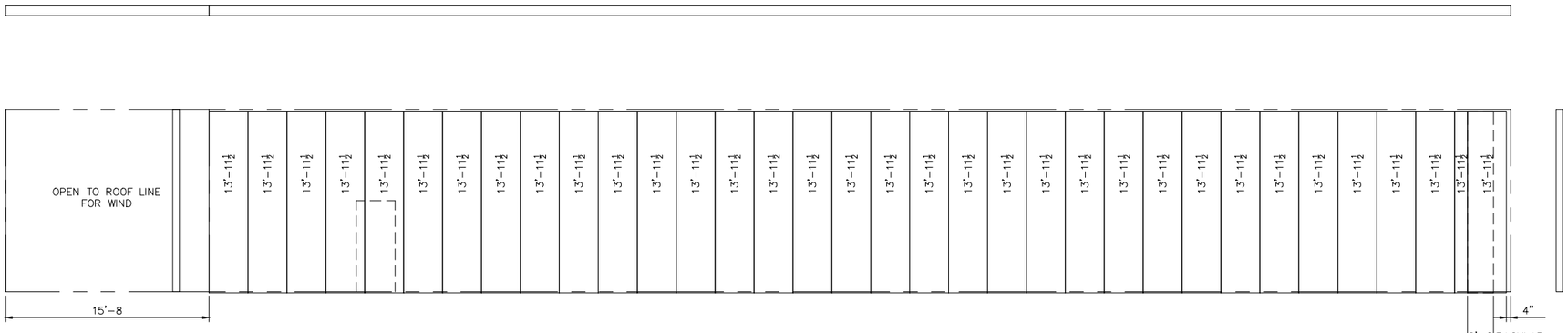
## SCHEDULE OF ACCESSORIES

| NO. REQD | DESCRIPTION |
|---|---|
| 1 | 6'-0 X 7'-0 FIELD LOCATED FRAMED OPENING |
| 2 | 5'-0 X 3'-0 FACTORY LOCATED FRAMED OPENINGS |
| 2 | 12'-0 X 12'-0 FACTORY LOCATED FRAMED OPENINGS |
| 2 | 3'-0 X 4'-0 FIELD LOCATED FRAMED OPENINGS |
| 2 | 3070 KNOCK-DOWN WALK DOORS |

REFER TO DETAILS ON INSTALLATION OF WALK DOORS.
REFER TO DETAILS ON INSTALLATION OF FRAMED OPENINGS.
USE STANDARD WALL PROCEDURES TO ERECT THE SIDEWALL AND ENDWALL PANELS.

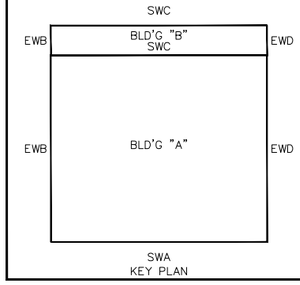



SIDEWALL ELEVATION "SWA" AT GRID LINE "A"
BUILDING "A"




PBR WALL PANELS
PANEL COVERAGE = 3'-0
COLOR = ASH GRAY
PANEL PKG. REQ'D. = PBS-2
Field Cut Panel and Trim as required per Construction Details

WALL SHEETING ELEVATION "SWA"
BLDG "A"




KEY PLAN

| ZEE SECTION LAP TABLE | | | |
|---|---|---|---|
| SYMBOL | LAP LENGTH | SYMBOL | LAP LENGTH |
| G | -0'-0¼" | T | 2'-5½" |
| S | 0'-3¾" | V | 3'-1¾" |
| R | 1'-5½" | REFER TO CF01122 | |

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|---|---|---|---|---|
| 1 | 07/30/24 | REDRAWN THRU CO#6 | MAC | JAQ |


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4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555


Project Name & Location:
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FORT WHITE FL 32038
DOUG MOSLEY

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REVISED
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Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E5 of 18

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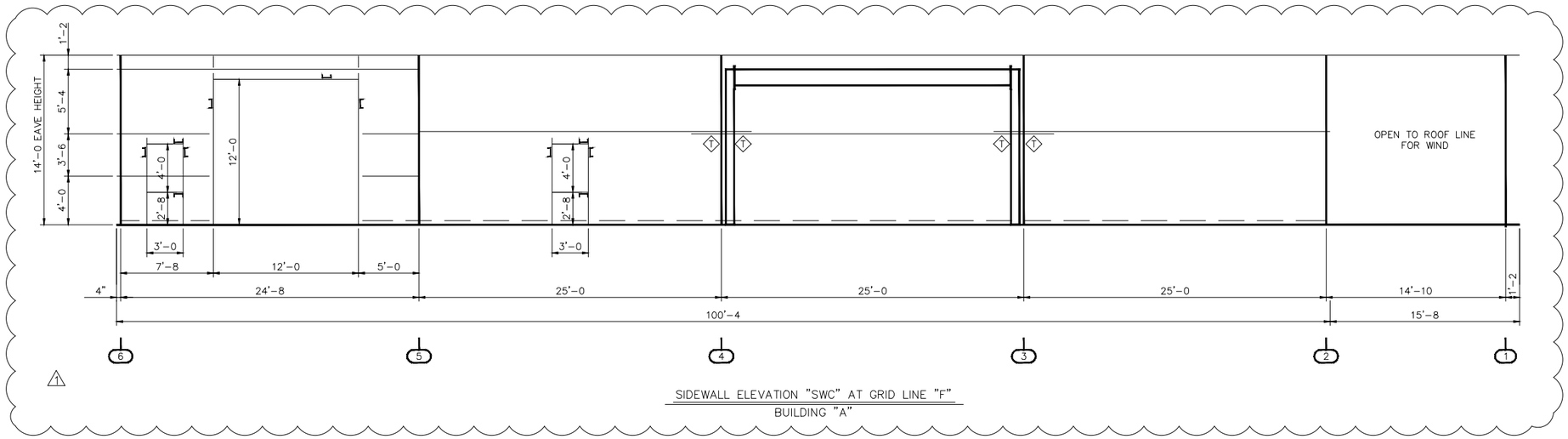
Aug 06, 2024

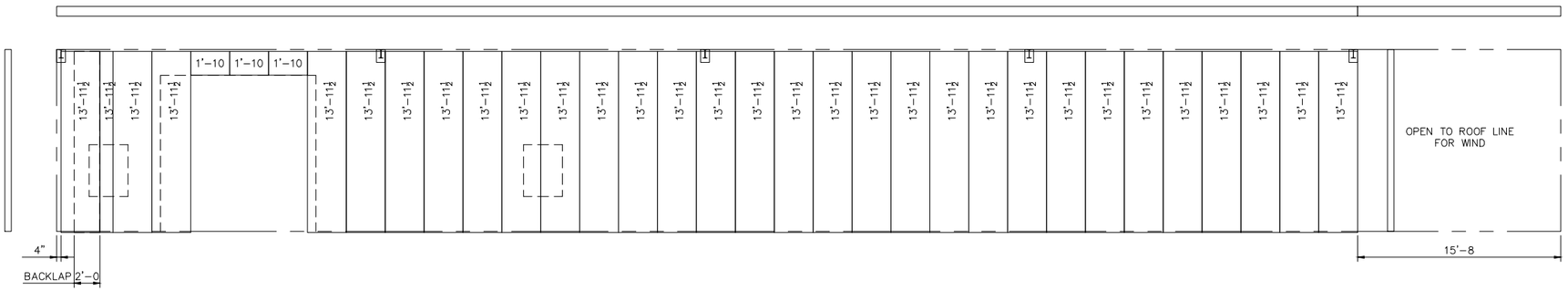
## Non-Standard PBR Wall Panel Fasteners

#58 member fasteners are to be used for panel to secondary attachment in lieu of #17A shown on the R Drawings

#4 lap fasteners are to be used for panel to panel and panel to trim attachment in lieu of #4A shown on the R Drawings

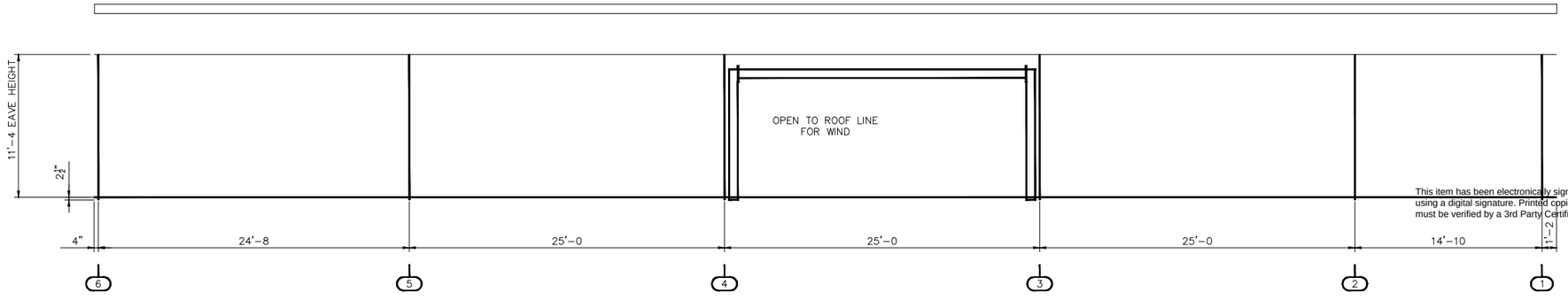



SIDEWALL ELEVATION "SWC" AT GRID LINE "F"
BUILDING "A"

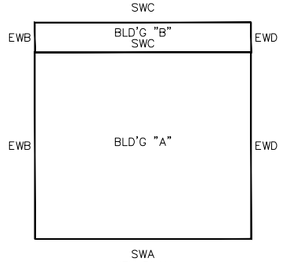



PBR WALL PANELS
PANEL COVERAGE = 3'-0
COLOR = ASH GRAY
PANEL PKG. REQ'D. = PBS-4
Field Cut Panel and Trim as required per Construction Details

WALL SHEETING ELEVATION "SWC"
BLDG "A"




SIDEWALL ELEVATION "SWC" AT GRID LINE "G"
BUILDING "B"




KEY PLAN

| ZEE SECTION LAP TABLE | | | |
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| SYMBOL | LAP LENGTH | SYMBOL | LAP LENGTH |
| G | -0'-0¼" | T | 2'-5¾" |
| S | 0'-3¾" | V | 3'-1¾" |
| R | 1'-5¾" | REFER TO CF01122 | |

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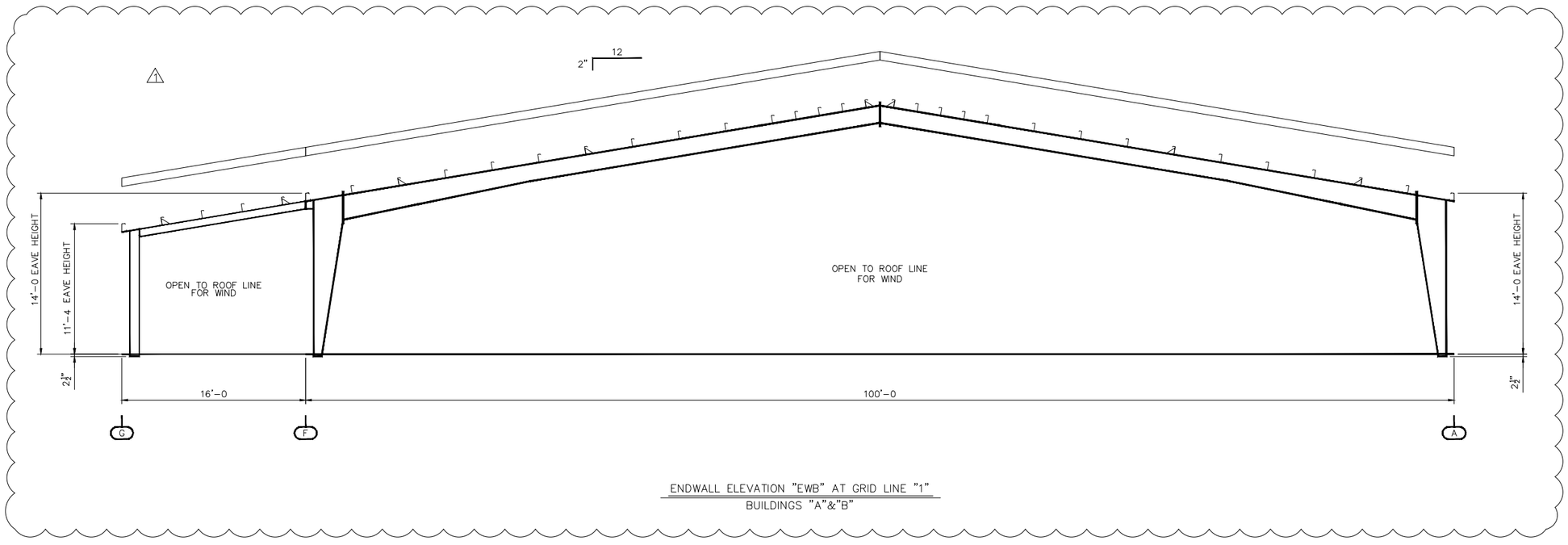
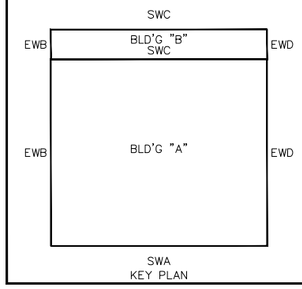



ENDWALL ELEVATION "EWB" AT GRID LINE "1"
BUILDINGS "A"&"B"




KEY PLAN

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/30/24 | REDRAWN THRU CO#6 | MAC | JAQ |


HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555


Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Drawing Status: REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E7 of 18

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

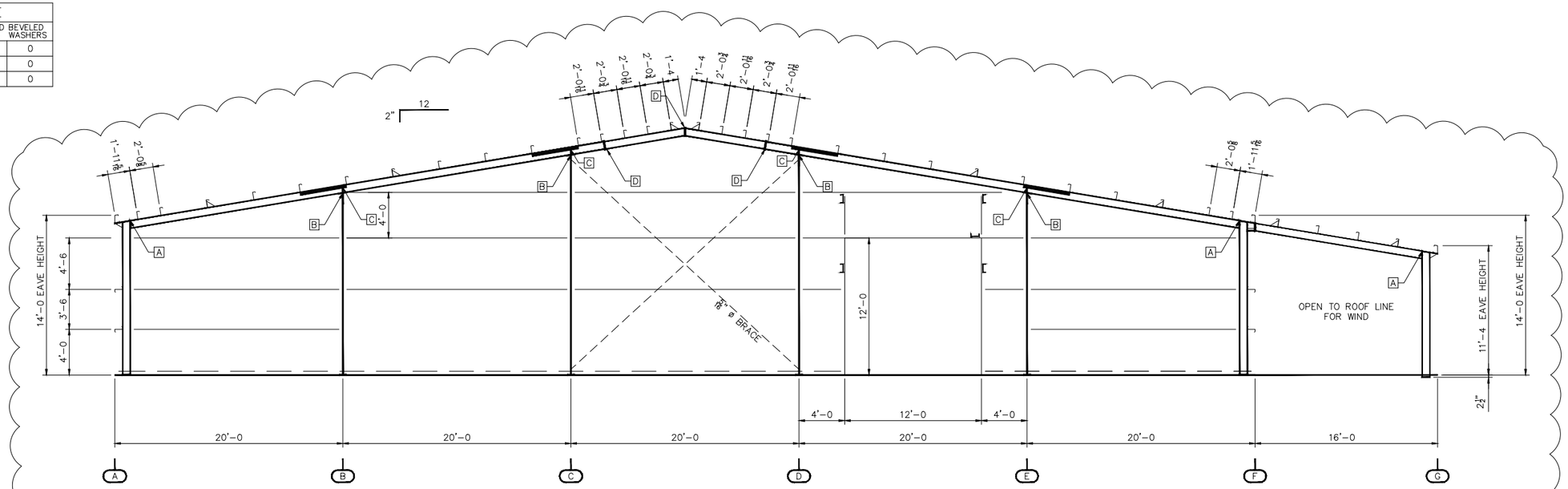
M.W. CUSTER, P.E.
FLORIDA P.E. 0052825

This item has been electronically signed and sealed by M.W. Custer, P.E. on the date adjacent to the seal using a digital signature. Printed copies of this document are not considered signed and sealed and the signature must be verified by a 3rd Party Certificate Authority on any electronic copy.

M.W. CUSTER LICENSE No. 52825 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 06, 2024

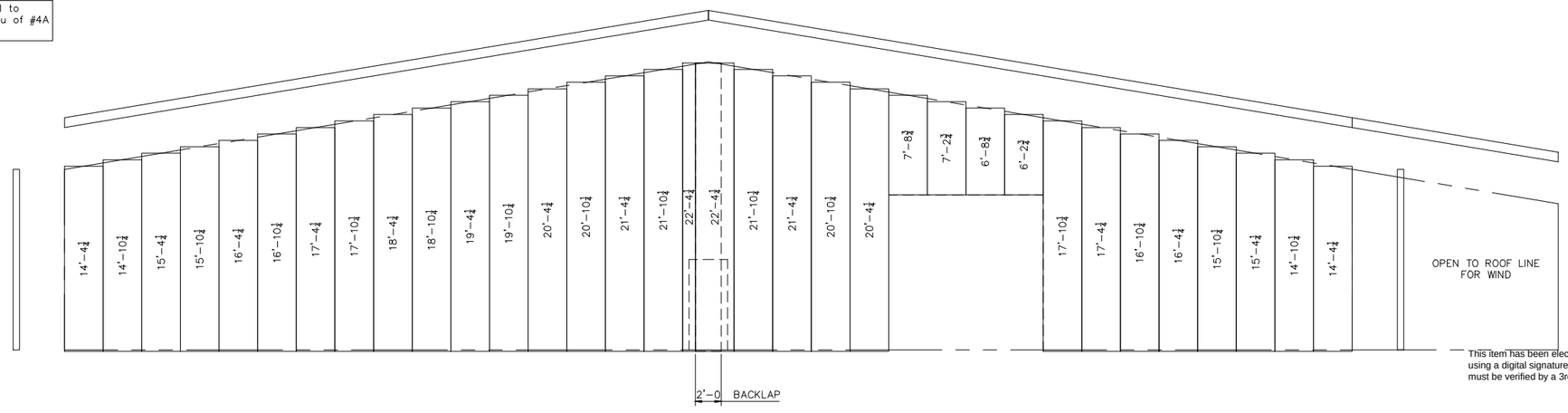
| SPLICE BOLT TABLE | | | | |
|---|---|---|---|---|
| CONN. | QTY. SIZE | TYPE | HARDENED WASHERS | BEVELED WASHERS |
| A | (2) ½ X 1¾ | A325 B&N | 0 | 0 |
| B | (4) ½ X 1¾ | A325 B&N | 4 | 0 |
| C | (4) ½ X 1¾ | A325 B&N | 0 | 0 |




ENDWALL ELEVATION "EWD" AT GRID LINE "6"
BUILDINGS "A"&"B"

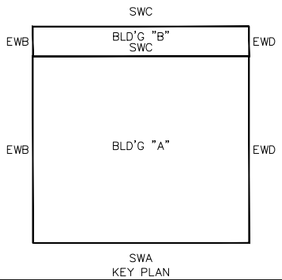
| Non-Standard PBR Wall Panel Fasteners |
|---|
| #58 member fasteners are to be used for panel to secondary attachment in lieu of #17A shown on the R Drawings |
| #4 lap fasteners are to be used for panel to panel and panel to trim attachment in lieu of #4A shown on the R Drawings |

PBR WALL PANELS
PANEL COVERAGE = 3'-0
COLOR = ASH GRAY
PANEL PKG. REQ'D. = PBS-3
Field Cut Panel and Trim as required per Construction Details




WALL SHEETING ELEVATION "EWD-EWD"
BLDGS "A & B"

NOTE: FIELD BEVEL CUT WALL PANELS AT ENDWALLS TO FOLLOW ROOF SLOPE.




KEY PLAN

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/30/24 | REDRAWN THRU CO#6 | MAC | JAQ |


HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555


Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Drawing Status: REVISED

☐ Preliminary (Not For Construction)
☒ For Construction Permit
☐ For Approval (Not For Construction)
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E8 of 18

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M.W. CUSTER, P.E.
FLORIDA P.E. 0052825

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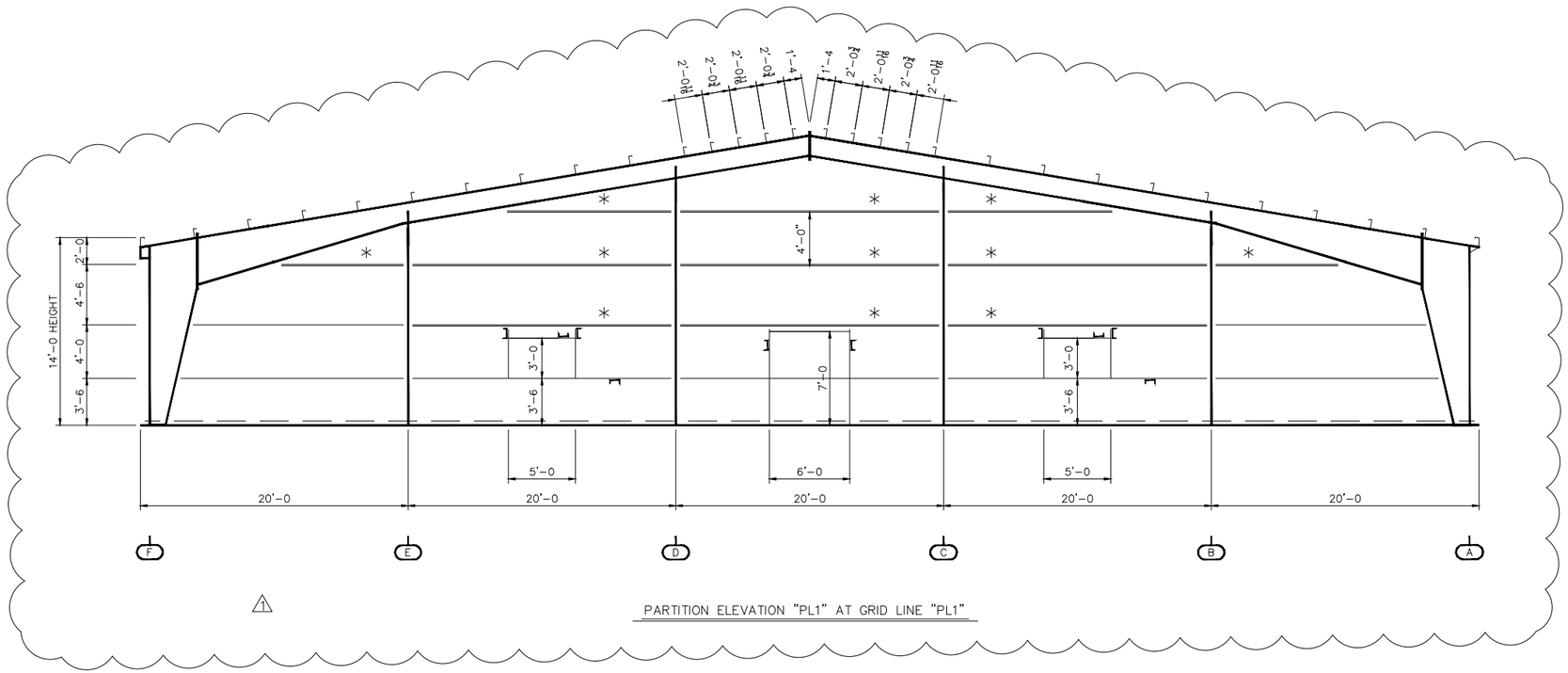
M.W. CUSTER LICENSE No. 52825 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 06, 2024

* DOUBLE GIRT

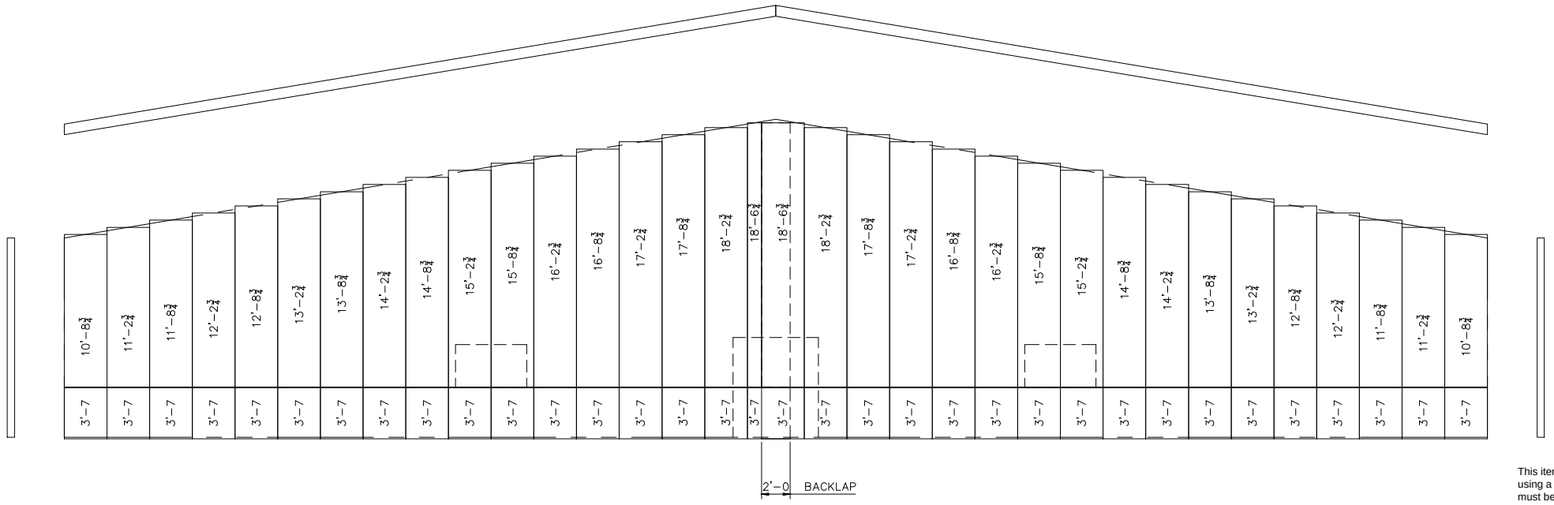



1

PARTITION ELEVATION "PL1" AT GRID LINE "PL1"

| Non-Standard PBR Wall Panel Fasteners |
|---|
| #58 member fasteners are to be used for panel to secondary attachment in lieu of #17A shown on the R Drawings |
| #4 lap fasteners are to be used for panel to panel and panel to trim attachment in lieu of #4A shown on the R Drawings |

PBR WALL PANELS
PANEL COVERAGE = 3'-0
TOP COLOR = ASH GRAY
BOTTOM COLOR = CHARCOAL GRAY
PANEL PKG. REQ'D. = PBS-1
Field Cut Panel and Trim as required per Construction Details




WALL SHEETING ELEVATION "PL1"

NOTE: FIELD BEVEL CUT WALL PANELS AT ENDWALLS TO FOLLOW ROOF SLOPE.

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/30/24 | REDRAWN THRU CO#6 | MAC | JAQ |


HERITAGE BUILDING SYSTEMS
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555


Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Drawing Status: REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E9 of 18

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

M.W. CUSTER, P.E.
FLORIDA P.E. 0052825

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M.W. CUSTER LICENSE No. 52825 STATE OF FLORIDA PROFESSIONAL ENGINEER

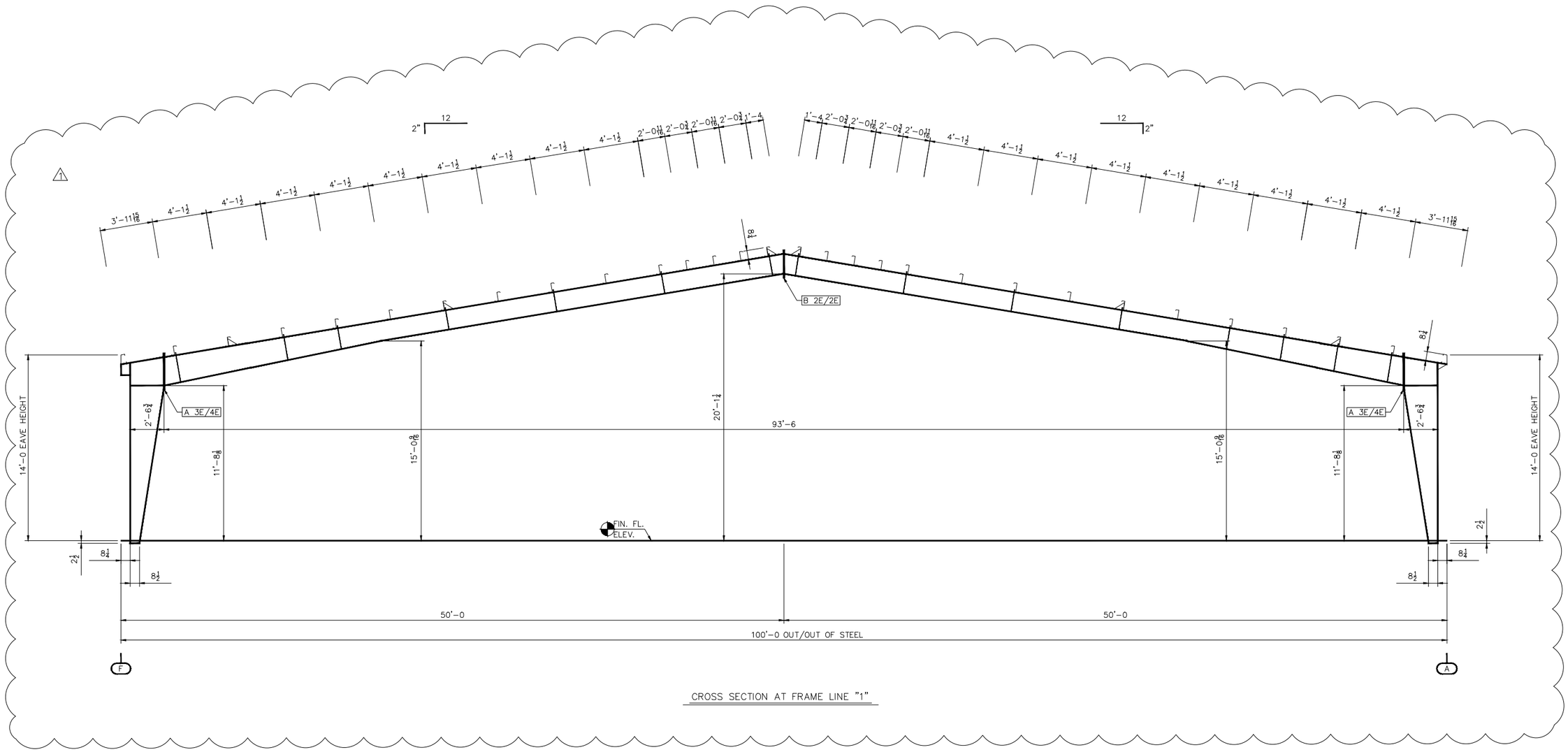
Aug 06, 2024

OY/PROJECTS\XDS-V8-21-05 FRAME = Active/Eng/19-B-33112/ver04-mtsanchez/BLDG-A/Drftg/x06L Active/Eng/19-B-33112/ver04-mtsanchez/BLDG-A/Drftg/x06R
OY/PROJECTS\XDS-V8-21-05 FB SET = Eng/19-B-33112/ver04-mtsanchez/BLDG-A/DRFTG/x06L Eng/19-B-33112/ver04-mtsanchez/BLDG-A/DRFTG/x06R

07/12/24 16:59:30 07/12/24 16:59:30

GENERAL NOTES
FRAME CLEARANCES SHOWN ARE APPROXIMATE AND MAY VARY DUE TO CONDITIONS (DEFLECTION).

VERTICAL CLEARANCE DIMENSIONS ARE FROM FINISHED FLOOR REFERENCE ELEVATION.




CROSS SECTION AT FRAME LINE "1"

| | SPLICE BOLT TABLE | | | |
|---|---|---|---|---|
| CONN. | QTY. SIZE | TYPE | HARDENED WASHERS | BEVELED WASHERS |
| A | (14) $\frac{3}{4}$ X 2$\frac{1}{4}$ | A325 B&N | 0 | 0 |
| B | (8) $\frac{3}{4}$ X 1$\frac{3}{4}$ | A325 B&N | 0 | 0 |

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/30/24 | UPDATED REACTION & REDRAWN THRU CO#6 | MAC | JAQ |


HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555


Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Drawing Status:
REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E10 of 18

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

M.W. CUSTER, P.E.
FLORIDA P.E. 0052825

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M.W. CUSTER LICENSE No. 52825 STATE OF FLORIDA PROFESSIONAL ENGINEER

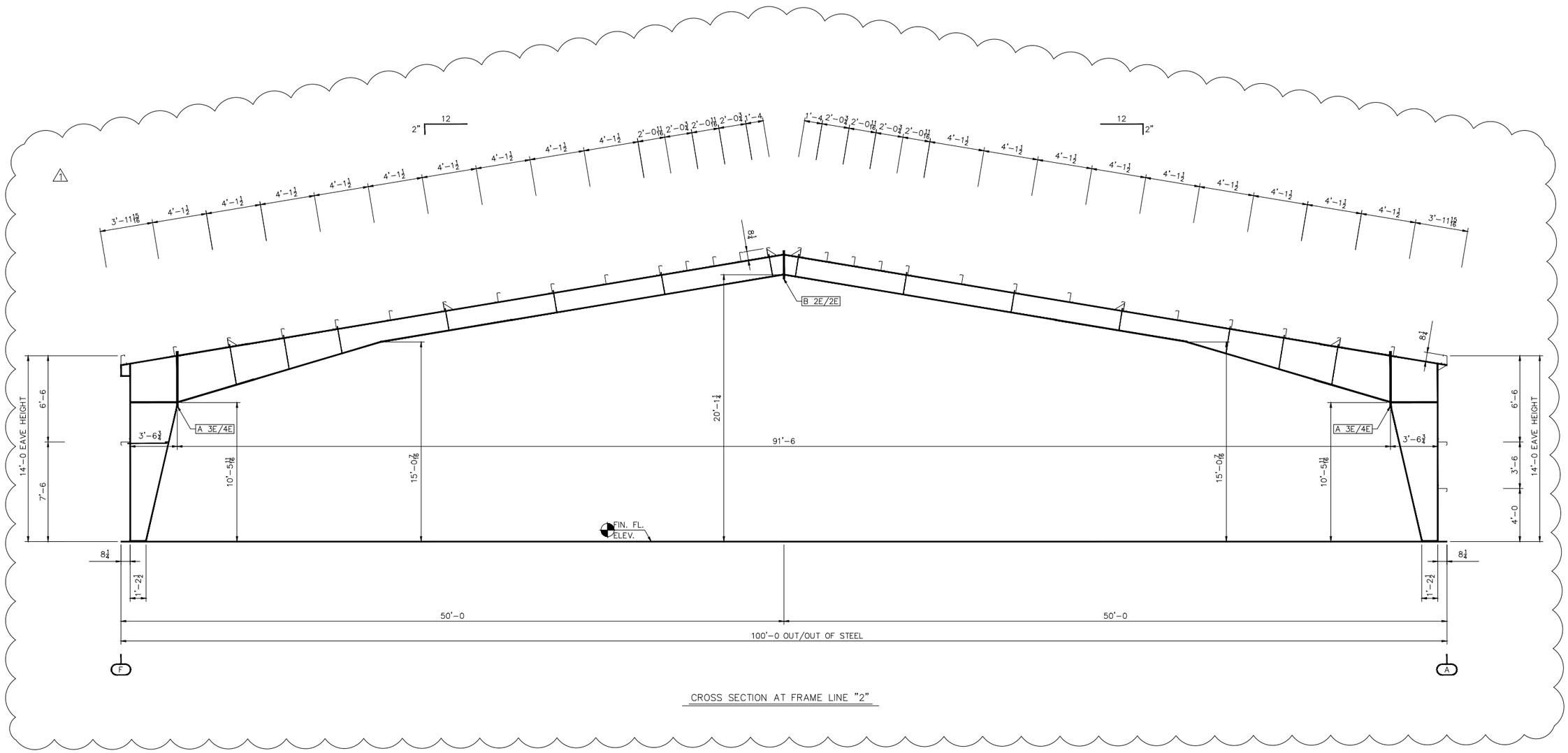
Aug 06, 2024

OY/PROJECTS\XDS-V8-21-05 FRAME = Active/Eng/19-B-33112/ver04-mtsanchez/BLDG-A/Drftg/x05L Active/Eng/19-B-33112/ver04-mtsanchez/BLDG-A/Drftg/x05R
OY/PROJECTS\XDS-V8-21-05 FB SET = Eng/19-B-33112/ver04-mtsanchez/BLDG-A/DRFTG/x05L Eng/19-B-33112/ver04-mtsanchez/BLDG-A/DRFTG/x05R

07/12/24 17:18:25 07/12/24 17:18:25

GENERAL NOTES
FRAME CLEARANCES SHOWN ARE APPROXIMATE AND MAY VARY DUE TO CONDITIONS (DEFLECTION).

VERTICAL CLEARANCE DIMENSIONS ARE FROM FINISHED FLOOR REFERENCE ELEVATION.




CROSS SECTION AT FRAME LINE "2"

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/30/24 | UPDATED REACTION & REDRAWN THRU CO#6 | MAC | JAQ |


HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555


Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Drawing Status:
☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
REVISED
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E11 of 18

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

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FLORIDA P.E. 0052825

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M.W. CUSTER LICENSE No. 52825 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 06, 2024

| | SPLICE BOLT TABLE | | | |
|---|---|---|---|---|
| CONN. | QTY. SIZE | TYPE | HARDENED WASHERS | BEVELED WASHERS |
| A | (16) 3/4 X 2 1/4 | A325 B&N | 0 | 0 |
| B | (8) 3/4 X 1 3/4 | A325 B&N | 0 | 0 |

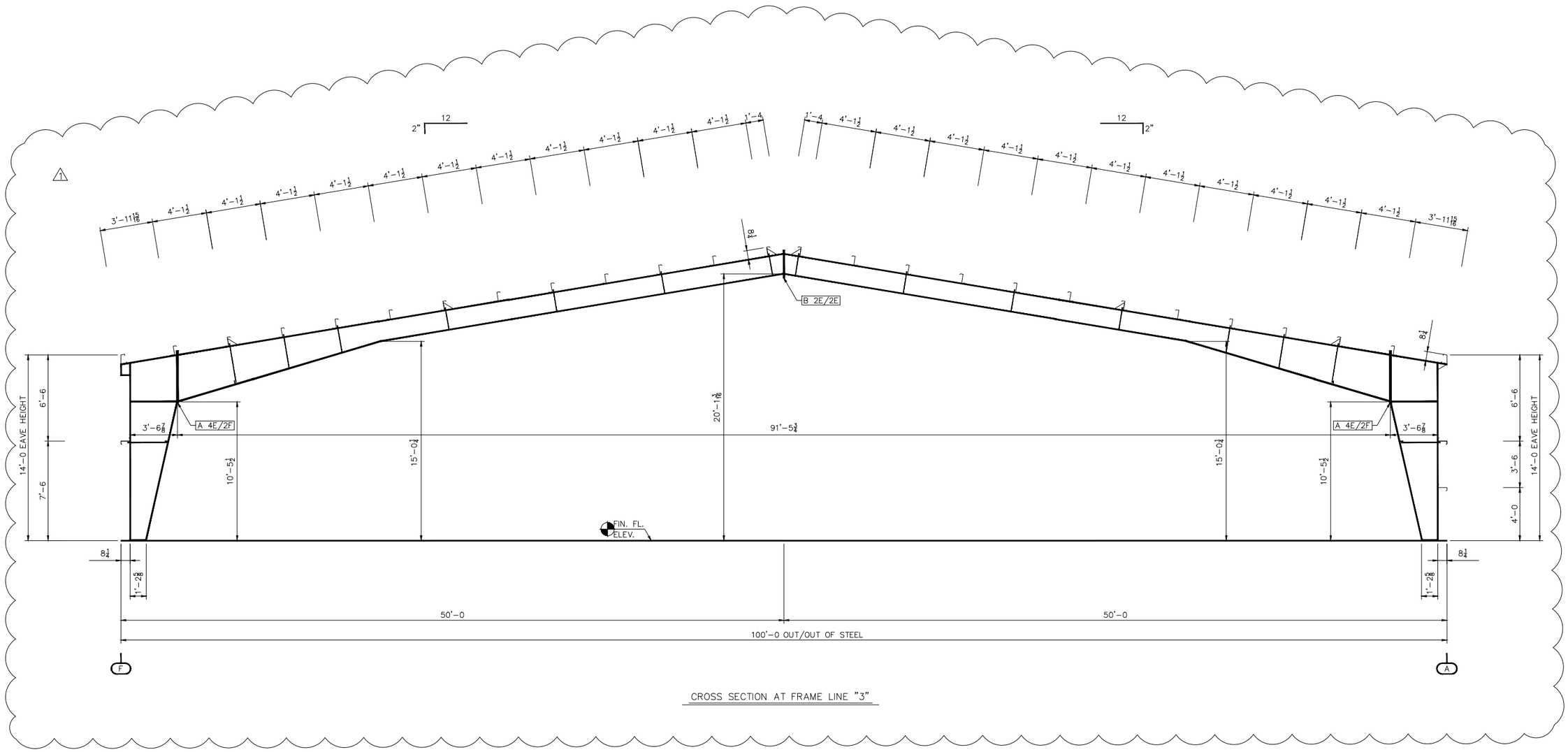
DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

OY/PROJECTS\XDS-V8-21-05 FRAME = Active/Eng/19-B-33112/ver04-mtsanchez/BLDG-A/Drftg/x04L Active/Eng/19-B-33112/ver04-mtsanchez/BLDG-A/Drftg/x04R
OY/PROJECTS\XDS-V8-21-05 FB SET = Eng/19-B-33112/ver04-mtsanchez/BLDG-A/DRFTG/x04L Eng/19-B-33112/ver04-mtsanchez/BLDG-A/DRFTG/x04R

07/12/24 17:48:59 07/12/24 17:48:59

GENERAL NOTES
FRAME CLEARANCES SHOWN ARE APPROXIMATE AND MAY VARY DUE TO CONDITIONS (DEFLECTION).

VERTICAL CLEARANCE DIMENSIONS ARE FROM FINISHED FLOOR REFERENCE ELEVATION.




CROSS SECTION AT FRAME LINE "3"

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/30/24 | UPDATED REACTION & REDRAWN THRU CO#6 | MAC | JAQ |

HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555

Customer: DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Drawing Status: REVISED
☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E12 of 18

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

M.W. CUSTER, P.E.
FLORIDA P.E. 0052825

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M.W. CUSTER LICENSE No. 52825 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 06, 2024

| | SPLICE BOLT TABLE | | | |
|---|---|---|---|---|
| CONN. | QTY. SIZE | TYPE | HARDENED WASHERS | BEVELED WASHERS |
| A | (14) $\frac{3}{4}$ X 2$\frac{1}{4}$ | A325 B&N | 0 | 0 |
| B | (8) $\frac{3}{4}$ X 1$\frac{3}{4}$ | A325 B&N | 0 | 0 |

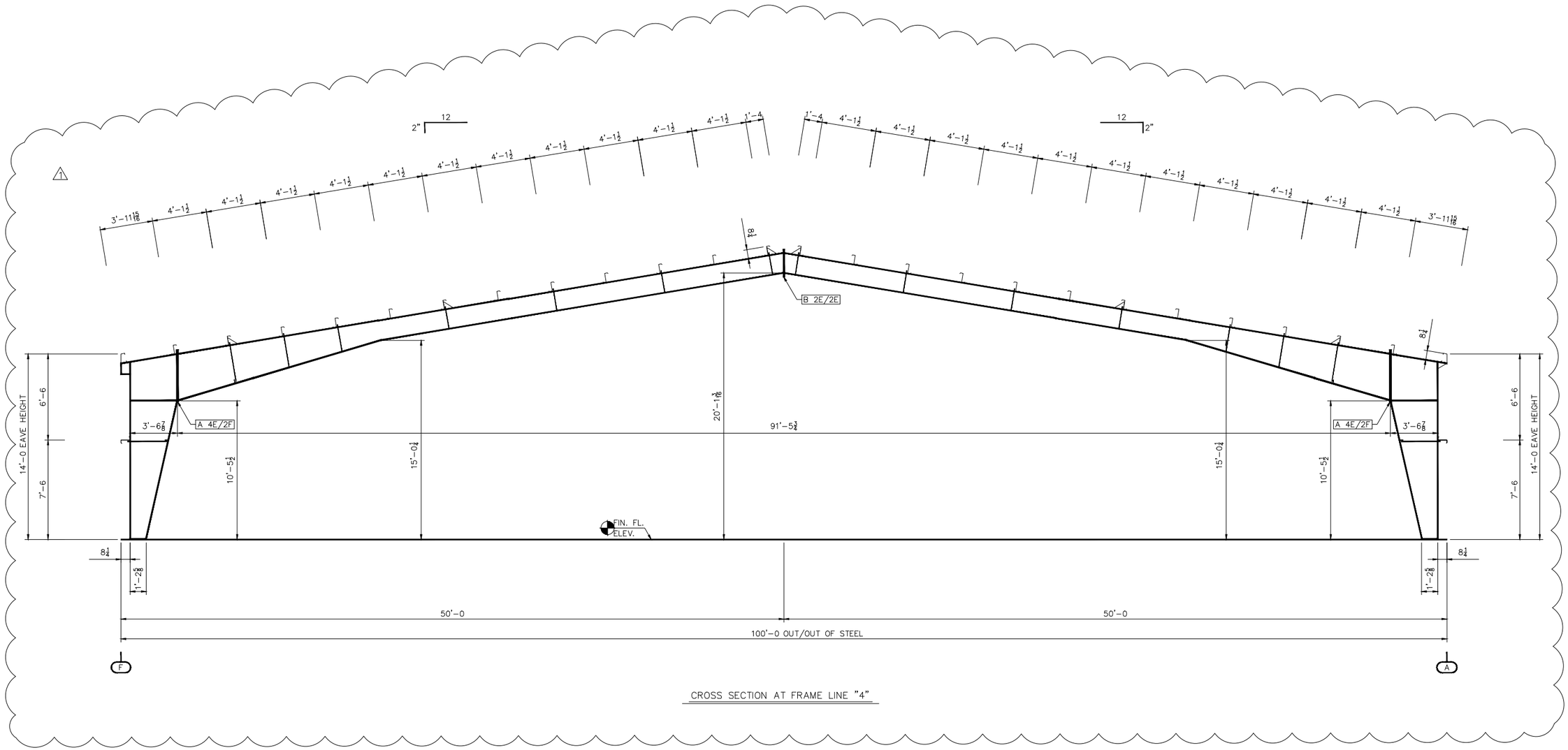
DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

OY/PROJECTS\XDS-V8-21-05 FRAME = Active/Eng/19-B-33112/ver04-mtsanchez/BLDG-A/Drftg/x04L Active/Eng/19-B-33112/ver04-mtsanchez/BLDG-A/Drftg/x04R
OY/PROJECTS\XDS-V8-21-05 FB SET = Eng/19-B-33112/ver04-mtsanchez/BLDG-A/DRFTG/x04L Eng/19-B-33112/ver04-mtsanchez/BLDG-A/DRFTG/x04R

07/12/24 17:48:59 07/12/24 17:48:59

GENERAL NOTES
FRAME CLEARANCES SHOWN ARE APPROXIMATE AND MAY VARY DUE TO CONDITIONS (DEFLECTION).

VERTICAL CLEARANCE DIMENSIONS ARE FROM FINISHED FLOOR REFERENCE ELEVATION.




CROSS SECTION AT FRAME LINE "4"

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/30/24 | UPDATED REACTION & REDRAWN THRU CO#6 | MAC | JAQ |


HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555


Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Drawing Status: REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E13 of 18

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M.W. CUSTER, P.E.
FLORIDA P.E. 0052825

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M.W. CUSTER LICENSE No. 52825 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 06, 2024

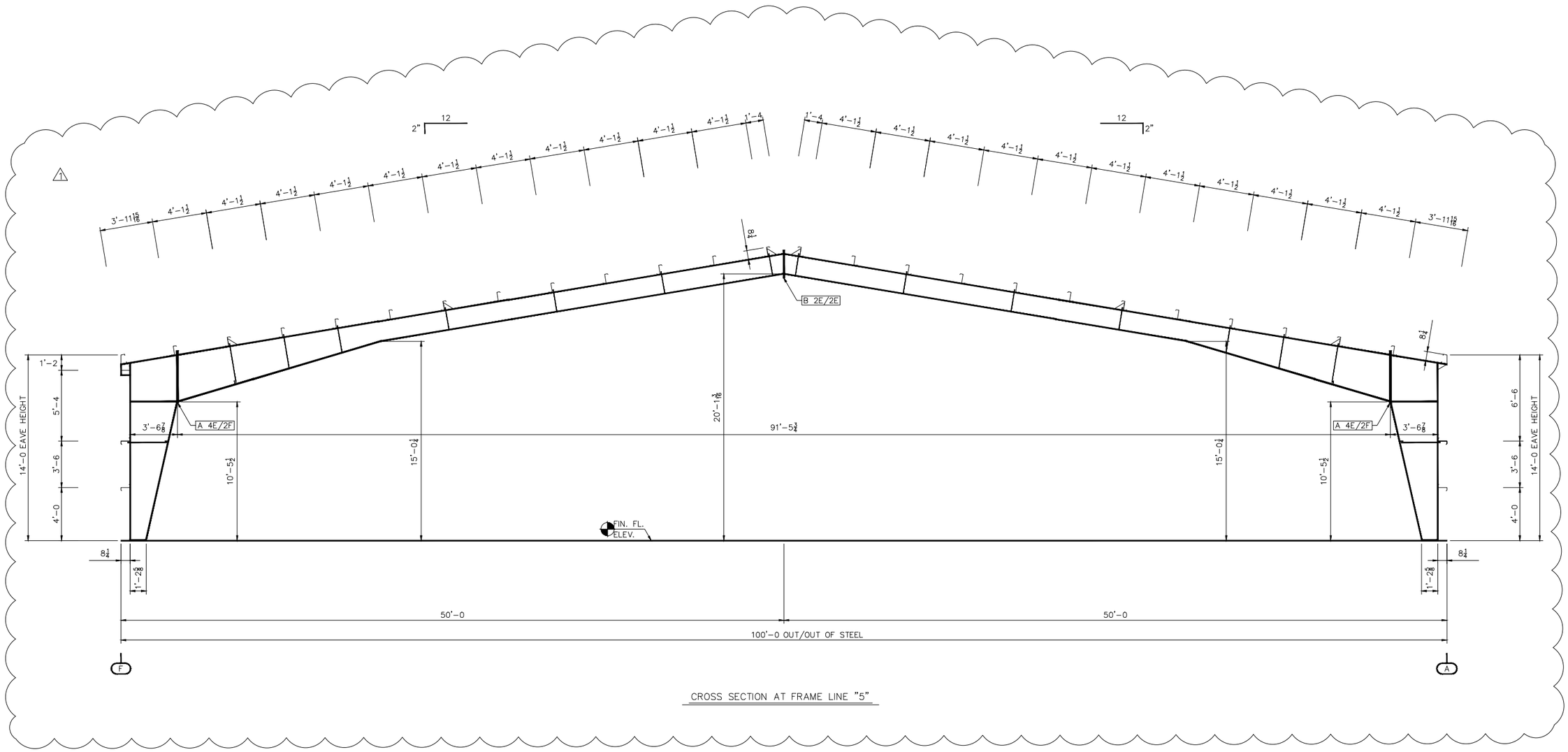
| | SPLICE BOLT TABLE | | | |
|---|---|---|---|---|
| CONN. | QTY. SIZE | TYPE | HARDENED WASHERS | BEVELED WASHERS |
| A | (14) $\frac{3}{4}$ X $2\frac{1}{2}$ | A325 B&N | 0 | 0 |
| B | (8) $\frac{3}{4}$ X $1\frac{3}{4}$ | A325 B&N | 0 | 0 |

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

OY/PROJECTS\XDS-V8-21-05 FRAME = Active/Eng/19-B-33112/ver04-mtsanchez/BLDG-A/Drftg/x04L Active/Eng/19-B-33112/ver04-mtsanchez/BLDG-A/Drftg/x04R
OY/PROJECTS\XDS-V8-21-05 FB SET = Eng/19-B-33112/ver04-mtsanchez/BLDG-A/DRFTG/x04L Eng/19-B-33112/ver04-mtsanchez/BLDG-A/DRFTG/x04R
07/12/24 17:48:59 07/12/24 17:48:59

GENERAL NOTES
FRAME CLEARANCES SHOWN ARE APPROXIMATE AND MAY VARY DUE TO CONDITIONS (DEFLECTION).

VERTICAL CLEARANCE DIMENSIONS ARE FROM FINISHED FLOOR REFERENCE ELEVATION.




CROSS SECTION AT FRAME LINE "5"

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/30/24 | UPDATED REACTION & REDRAWN THRU CO#6 | MAC | JAQ |

HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555

Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Drawing Status:
☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation
REVISED

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E14 of 18

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M.W. CUSTER, P.E.
FLORIDA P.E. 0052825

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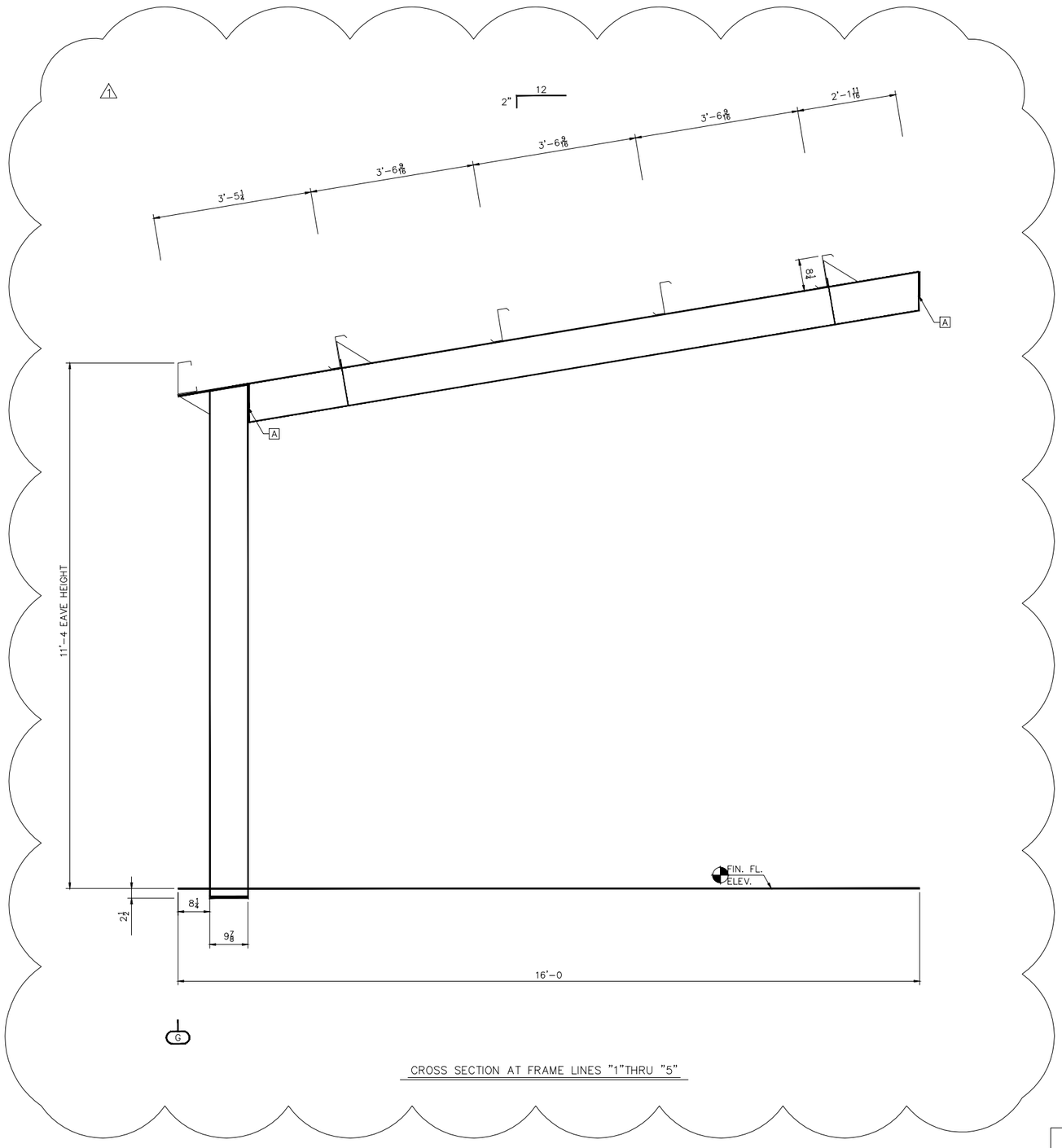
M.W. CUSTER LICENSE No. 52825 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 06, 2024

| | SPLICE BOLT TABLE | | | |
|---|---|---|---|---|
| CONN. | QTY. SIZE | TYPE | HARDENED WASHERS | BEVELED WASHERS |
| A | (14) $\frac{3}{4}$ X 2$\frac{1}{2}$ | A325 B&N | 0 | 0 |
| B | (8) $\frac{3}{4}$ X 1$\frac{3}{4}$ | A325 B&N | 0 | 0 |

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.




CROSS SECTION AT FRAME LINES "1"THRU "5"

| | SPLICE BOLT TABLE | | | |
|---|---|---|---|---|
| CONN. | QTY. SIZE | TYPE | HARDENED WASHERS | BEVELED WASHERS |
| A | (2) ½ X 1¼ | A325 B&N | 0 | 0 |

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/30/24 | UPDATED REACTION & REDRAWN THRU CO#6 | MAC | JAQ |

HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555

Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Drawing Status: REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E15 of 18

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

M.W. CUSTER, P.E.
FLORIDA P.E. 0052825

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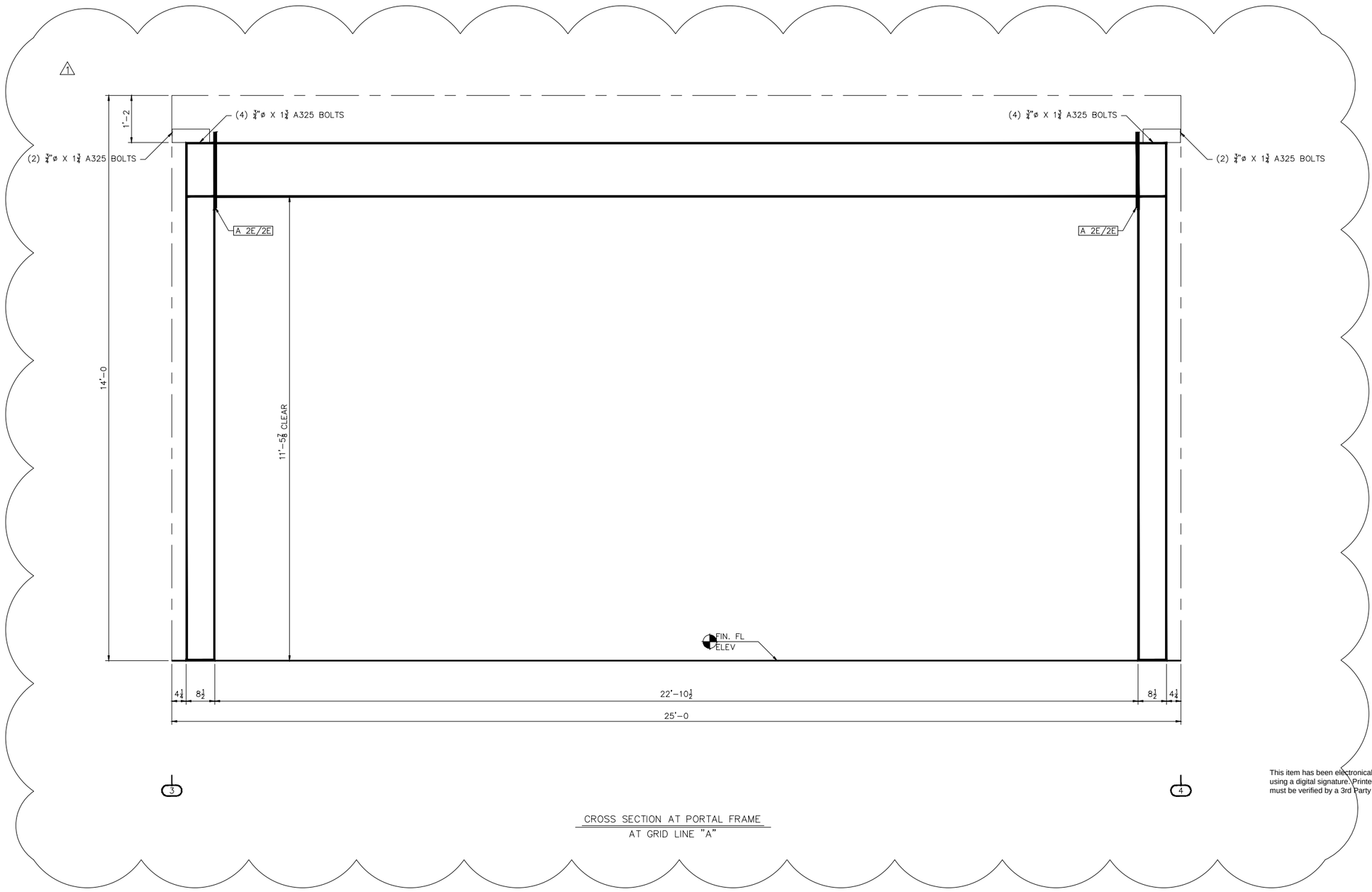
M.W. CUSTER LICENSE No. 52825 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 06, 2024

OY/PROJECTS\XDS-V8-21-05 FRAME = Active/Eng/19-B-33112/ver04-mtsanchez/BLDG-A/Drftg/x07L 07/12/24 17:39:59

GENERAL NOTES
FRAME CLEARANCES SHOWN ARE APPROXIMATE AND MAY VARY DUE TO CONDITIONS (DEFLECTION).

VERTICAL CLEARANCE DIMENSIONS ARE FROM FINISHED FLOOR REFERENCE ELEVATION.




CROSS SECTION AT PORTAL FRAME
AT GRID LINE "A"

| | SPLICE BOLT TABLE | | | |
|---|---|---|---|---|
| CONN. | QTY. SIZE | TYPE | HARDENED WASHERS | BEVELED WASHERS |
| A | (8) ¾ X 1¾ | A325 B&N | 0 | 0 |

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/30/24 | UPDATED REACTION & REDRAWN THRU CO#6 | MAC | JAQ |

HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555

Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Drawing Status: REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E16 of 18

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FLORIDA P.E. 0052825

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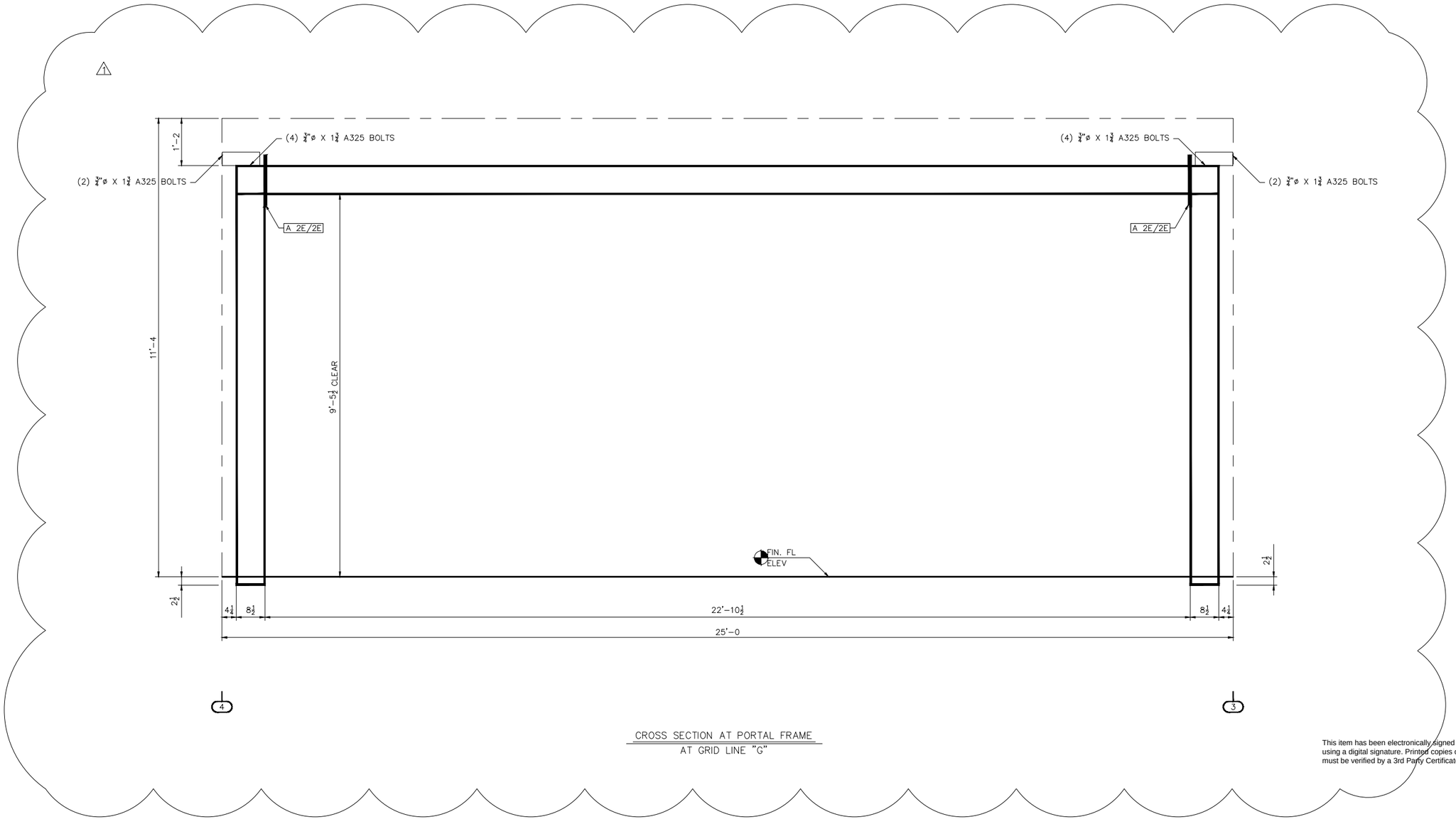
Aug 06, 2024

OY/PROJECTS\XDS-V8-21-05 FRAME = Active/Eng/19-B-33112/ver04-mtsanchez/BLDG-A/Drftg/x09L 07/12/24 17:44:49

GENERAL NOTES
FRAME CLEARANCES SHOWN ARE APPROXIMATE AND MAY VARY DUE TO CONDITIONS (DEFLECTION).

VERTICAL CLEARANCE DIMENSIONS ARE FROM FINISHED FLOOR REFERENCE ELEVATION.




CROSS SECTION AT PORTAL FRAME
AT GRID LINE "G"

| | SPLICE BOLT TABLE | | | |
|---|---|---|---|---|
| CONN. | QTY. SIZE | TYPE | HARDENED WASHERS | BEVELED WASHERS |
| A | (8) ¾ X 1¾ | A325 B&N | 0 | 0 |

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/30/24 | UPDATED REACTION & REDRAWN THRU CO#6 | MAC | JAQ |

HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555

Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Drawing Status: REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E17 of 18

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FLORIDA P.E. 0052825

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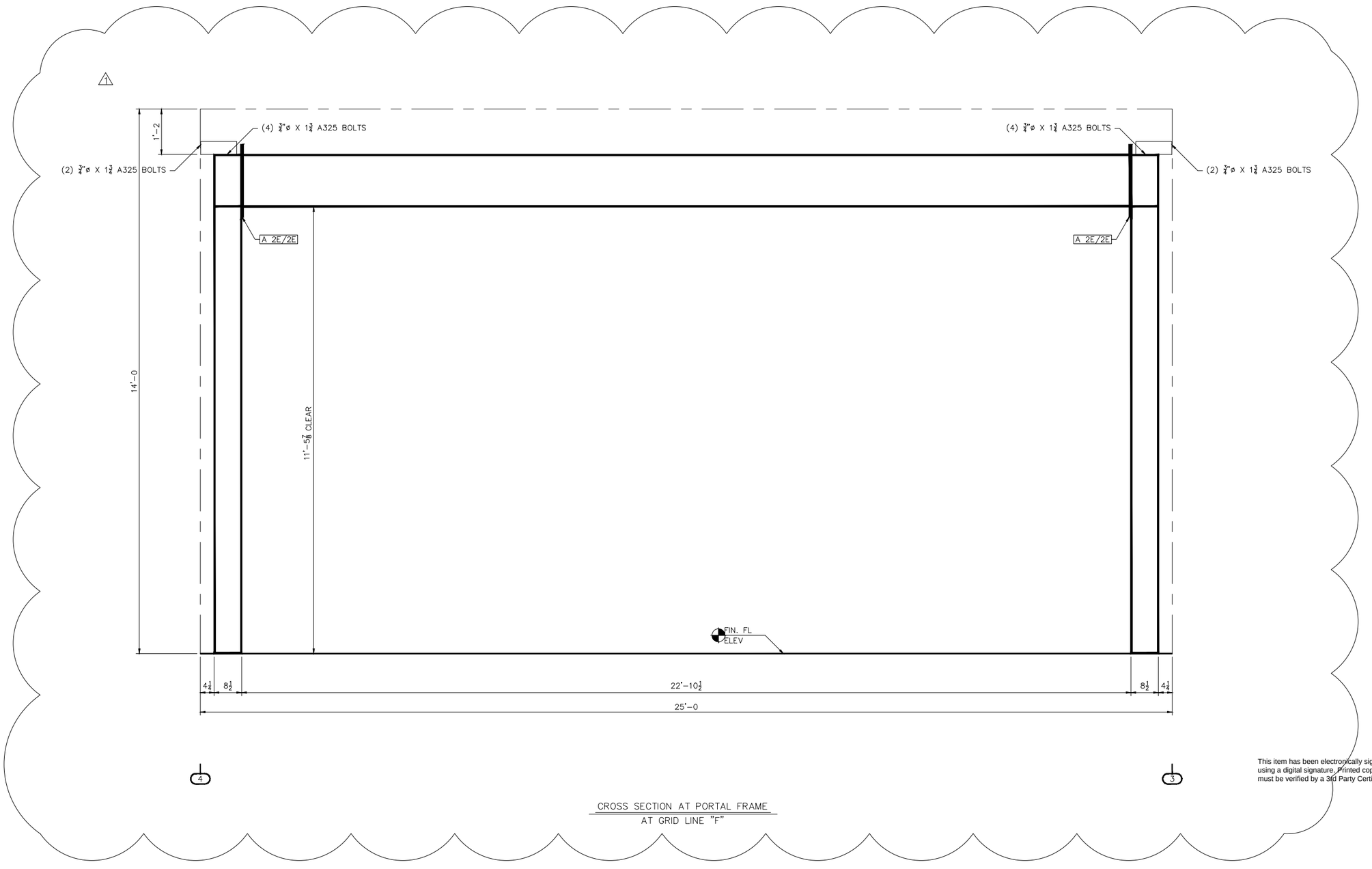
Aug 06, 2024

OY/PROJECTS\XDS-V8-21-05 FRAME = Active/Eng/19-B-33112/ver04-mtsanchez/BLDG-A/Drftg/x08L 07/12/24 17:42:47

GENERAL NOTES
FRAME CLEARANCES SHOWN ARE APPROXIMATE AND MAY VARY DUE TO CONDITIONS (DEFLECTION).

VERTICAL CLEARANCE DIMENSIONS ARE FROM FINISHED FLOOR REFERENCE ELEVATION.




CROSS SECTION AT PORTAL FRAME
AT GRID LINE "F"

| | SPLICE BOLT TABLE | | | |
|---|---|---|---|---|
| CONN. | QTY. SIZE | TYPE | HARDENED WASHERS | BEVELED WASHERS |
| A | (8) ¾ X 1¾ | A325 B&N | 0 | 0 |

DETAILS SUBJECT TO CHANGE BASED ON FINAL DESIGN. ISSUED FOR CONSTRUCTION DRAWINGS WILL REPLACE THE PERMIT DRAWINGS.

| Revision | Date | Description | By | Ck'd |
|---|---|---|---|---|
| 1 | 07/30/24 | UPDATED REACTION & REDRAWN THRU CO#6 | MAC | JAQ |

HERITAGE BUILDING SYSTEMS.
4704 W. Commercial Dr. Ste. B
North Little Rock, AR 72116-8040
800-643-5555

Project Name & Location:
DOUG MOSLEY
FORT WHITE FL 32038

Customer:
DOUG MOSLEY
362 SW MCCLINTON DR
FORT WHITE FL 32038
DOUG MOSLEY

Drawing Status: REVISED

☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: FEM 4/28/23
Checked by: JAQ 5/10/23
Project Engineer: MTS
Job Number: 19-B-33112-1
Sheet Number: E18 of 18

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M.W. CUSTER, P.E.
FLORIDA P.E. 0052825

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