



LAYOUT PLAN

Scale: 1/16" = 1'-0"

DRAWING APPROVAL

- ☐ APPROVED: proceed to final design
☐ REJECTED (revise and resubmit)
☐ APPROVED AS NOTED

NAME _____

DATE _____

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NOTE

All dimensions and installation site conditions must be verified. Report any change or variation in the information provided.

REVISIONS

NO.	DATE	DESCRIPTION	BY

YOUR COMPANY

Your logo here

CLIENT:
Demo client

PROJECT:
Demo project

SHEET TITLE:
Preliminary drawing
Plan view

DATE:
2026-10-15

DRAWN BY:

DRAWING SCALE:
1/16" = 1'-0"

ORDER NO.:

ENGINEER'S SEAL

DRAWING NO.

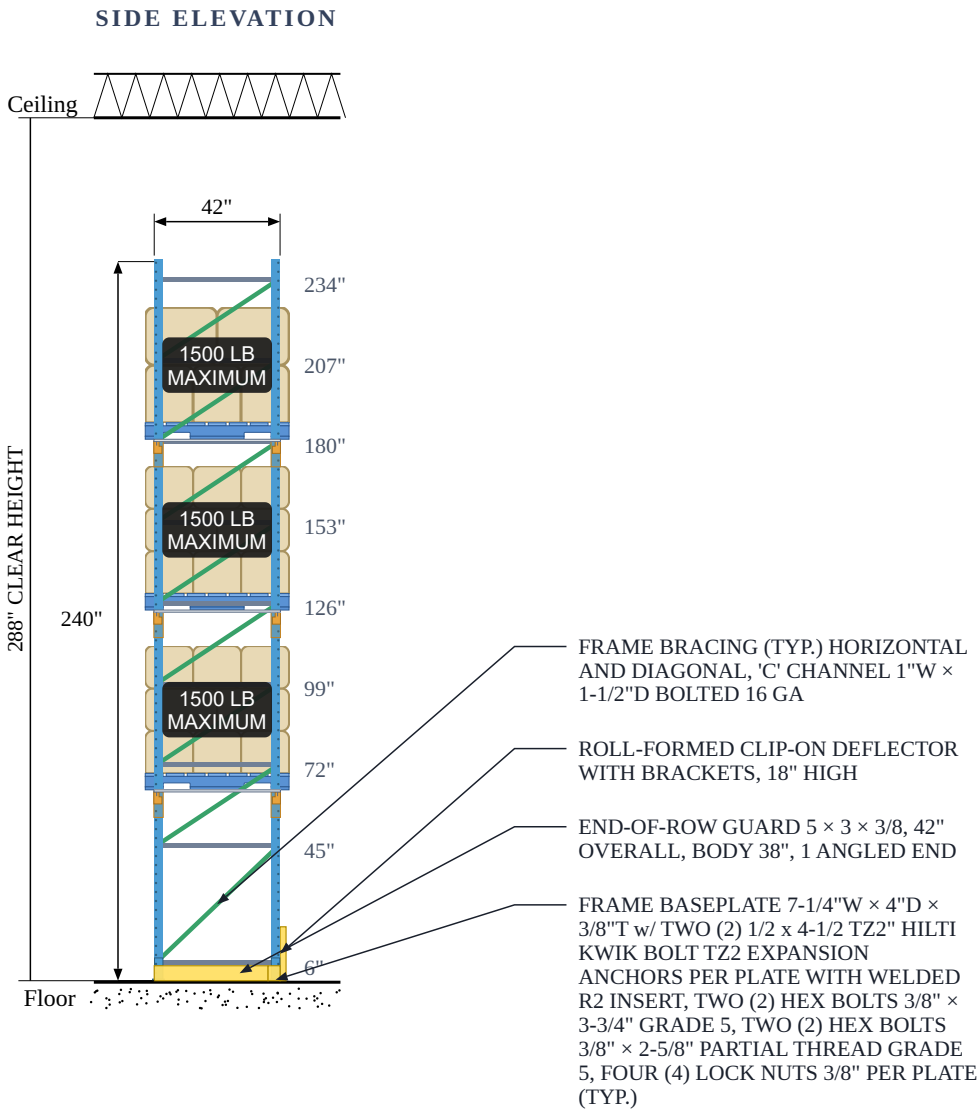
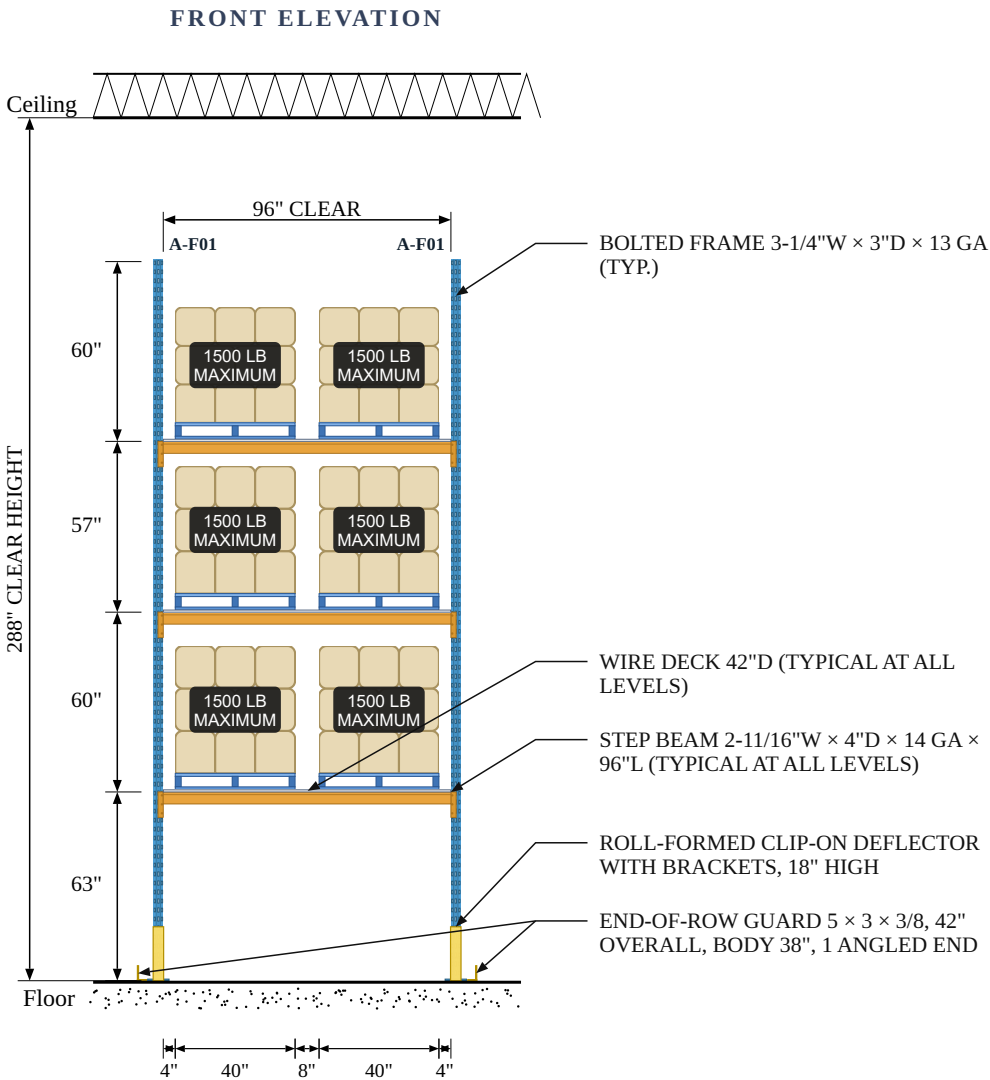
DEMO-01

SHEET NO.

S1

(SHEET 1 OF 5)

**PRELIMINARY DRAWING ONLY
NOT FOR INSTALLATION**



A-01 SINGLE DEEP PALLET RACK ELEVATIONS (TYPICAL)

Scale: 3/16" = 1'-0"

Max. load height: 224-11/16"

GENERAL NOTES

- Preliminary layout drawing. Seismic effects, lateral loads and anchors not calculated: design and sealing by an engineer (CSA S345:23, National Building Code of Canada (NBC) in force).
- Beam and frame capacities to be validated against the manufacturer's load charts and the client's actual loads.
- Recommended clearances (CNESST guide 2009, table 5): 3" between load and upright, 3" between load and beam above, pallet overhang 2" to 4" per beam.
- NFPA 13 (2025) flues, where the standard applies (sprinklers, storage height): 6" transverse between loads, checked by the app; 6" longitudinal back-to-back above 25 ft. To be validated with the insurer and the authority having jurisdiction (AHJ).
- Rack ↔ building separation: the pallet rack is self-supporting (no attachment to the building, CNESST guide); seismic separation is calculated by the engineer per ANSI MH16.1-2023.
- Installation by a qualified contractor per the drawings and CSA A344:24; floor anchoring in all cases; permits are the client's responsibility.

PALLET COUNT

Elevation	# bays	Pallets / bay	Total per elevation
A-01	14	6	84
B-01A / B-01B	12	12	144
B-02A / B-02B	2	6	12
Total positions			240
Lost pallet positions			12
Usable positions			228

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SHEET TITLE:
Preliminary drawing
Elevations

DATE:
2026-10-15

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DRAWING SCALE:
3/16" = 1'-0"

ORDER NO.:

ENGINEER'S SEAL

DRAWING NO.

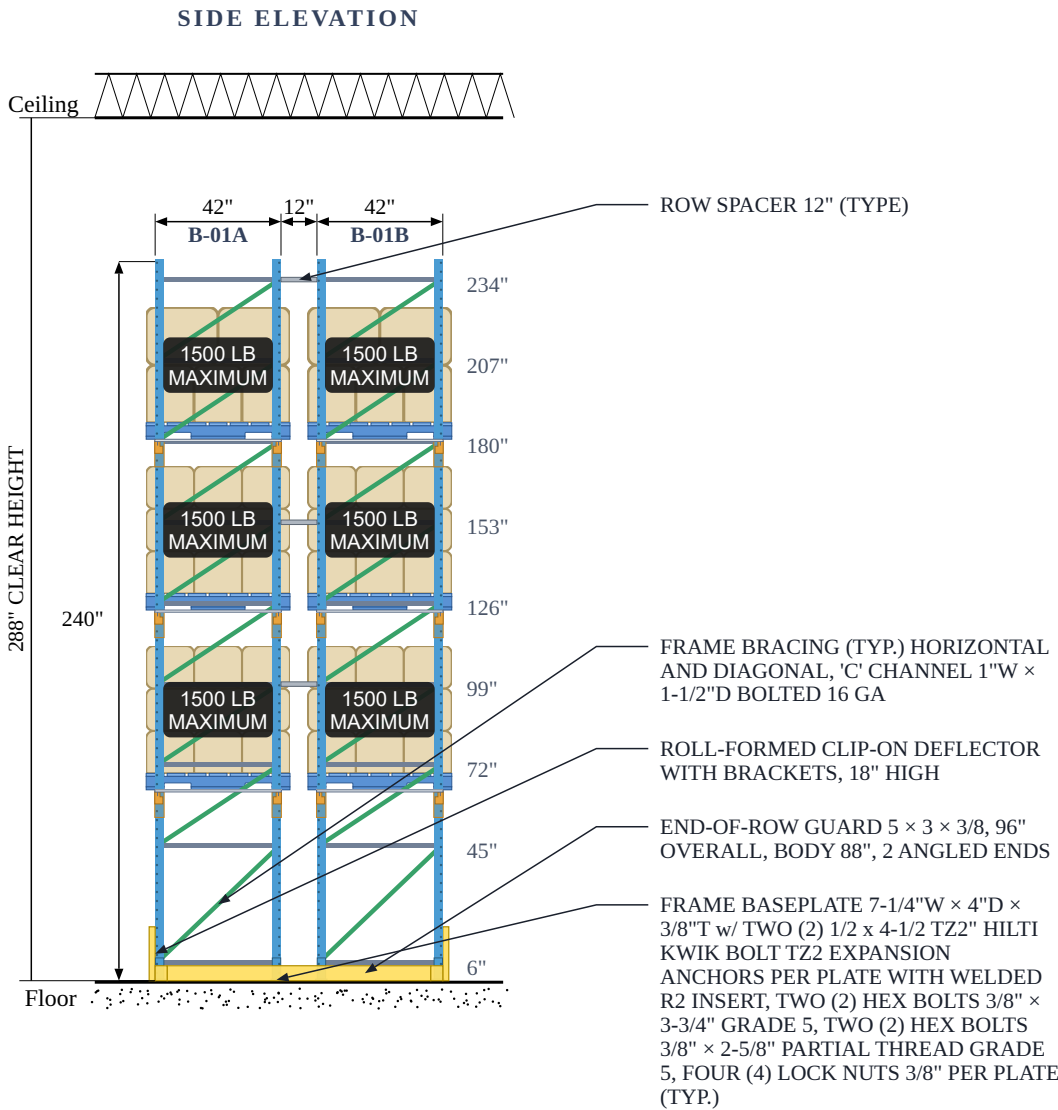
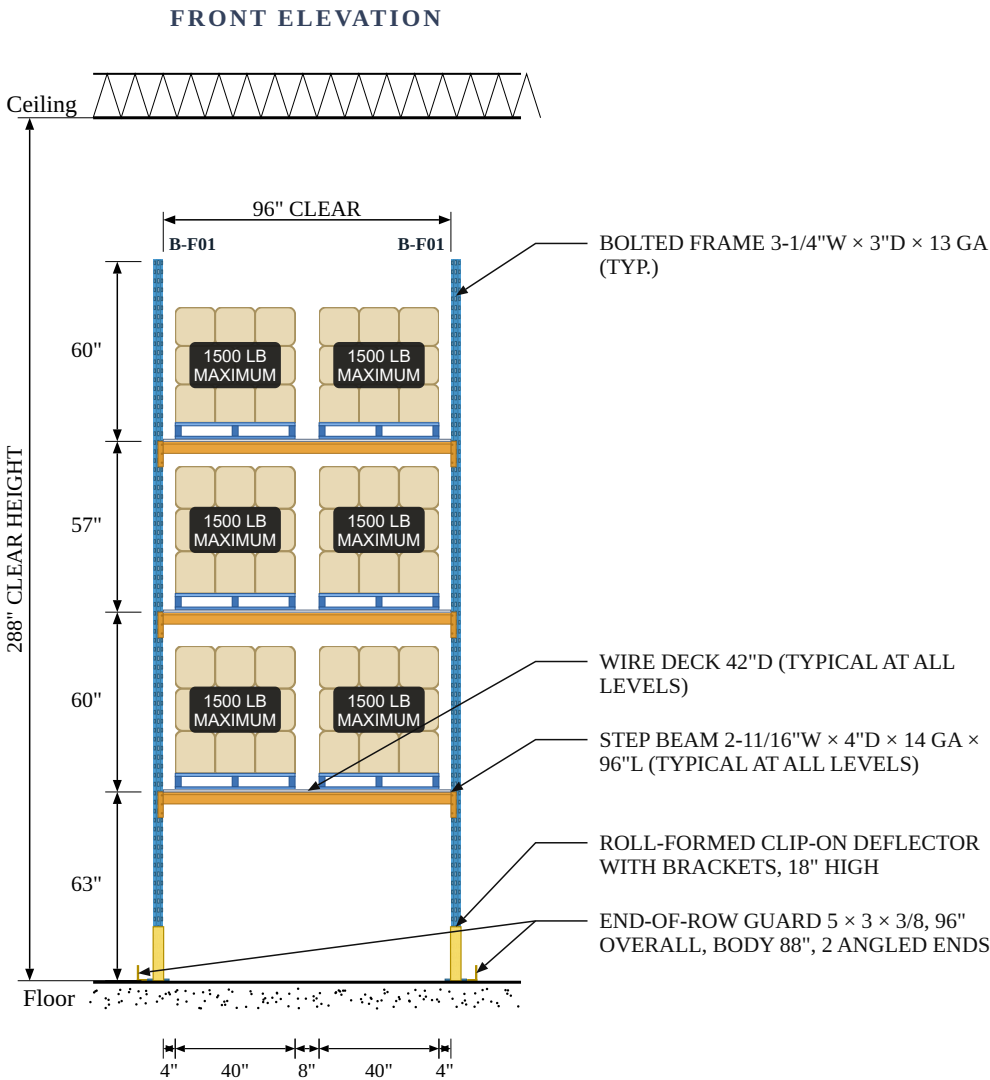
DEMO-01

SHEET NO.

S2

(SHEET 2 OF 5)

**PRELIMINARY DRAWING ONLY
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B-01A / B-01B · BACK-TO-BACK PALLET RACK ELEVATIONS (TYPICAL)

Scale: 3/16" = 1'-0"

Max. load height: 224-11/16"

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REVISIONS			
NO.	DATE	DESCRIPTION	BY

YOUR COMPANY

Your logo here

CLIENT:
Demo client

PROJECT:
Demo project

SHEET TITLE:
Preliminary drawing
Elevations

DATE:
2026-10-15

DRAWN BY:

DRAWING SCALE:
3/16" = 1'-0"

ORDER NO.:

ENGINEER'S SEAL

DRAWING NO.

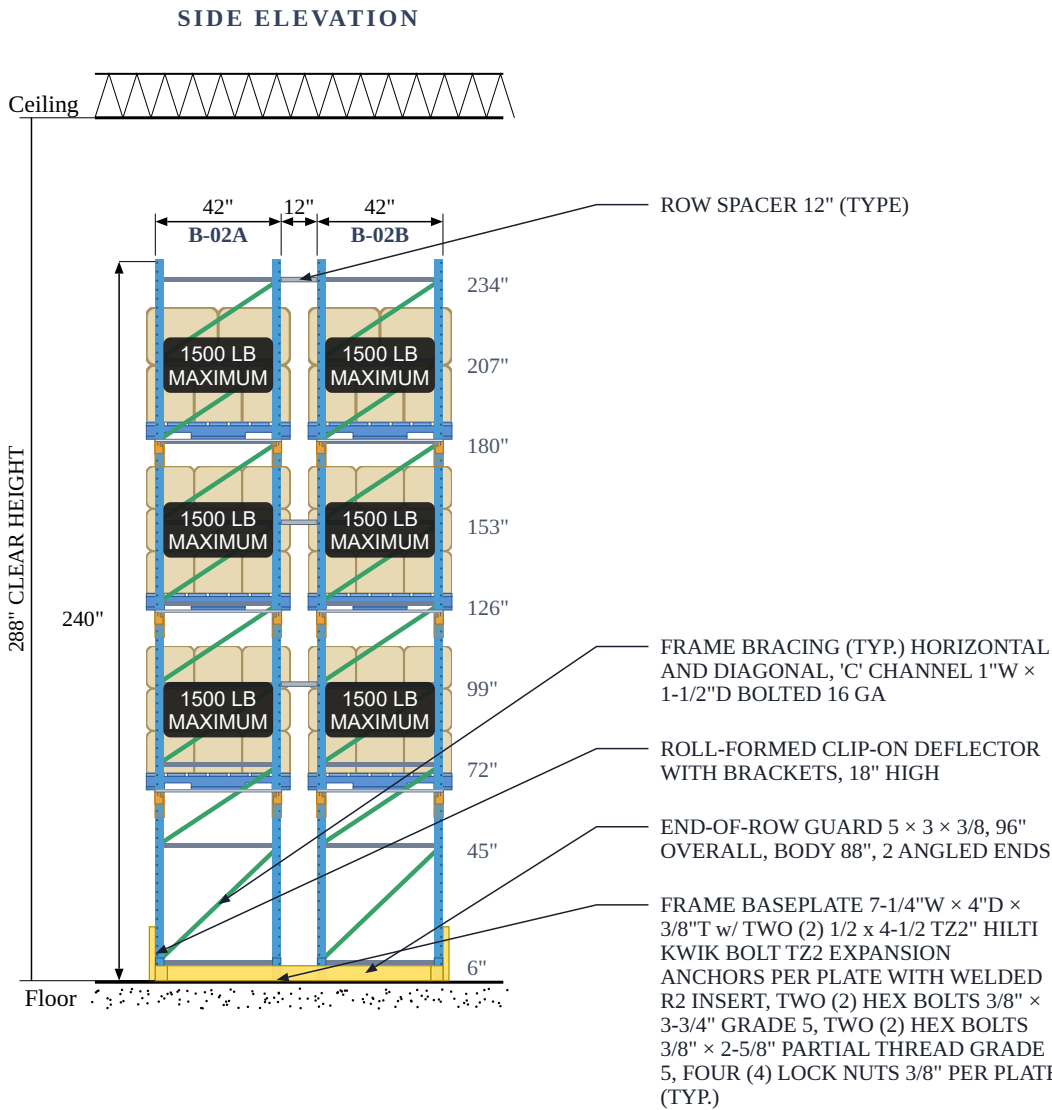
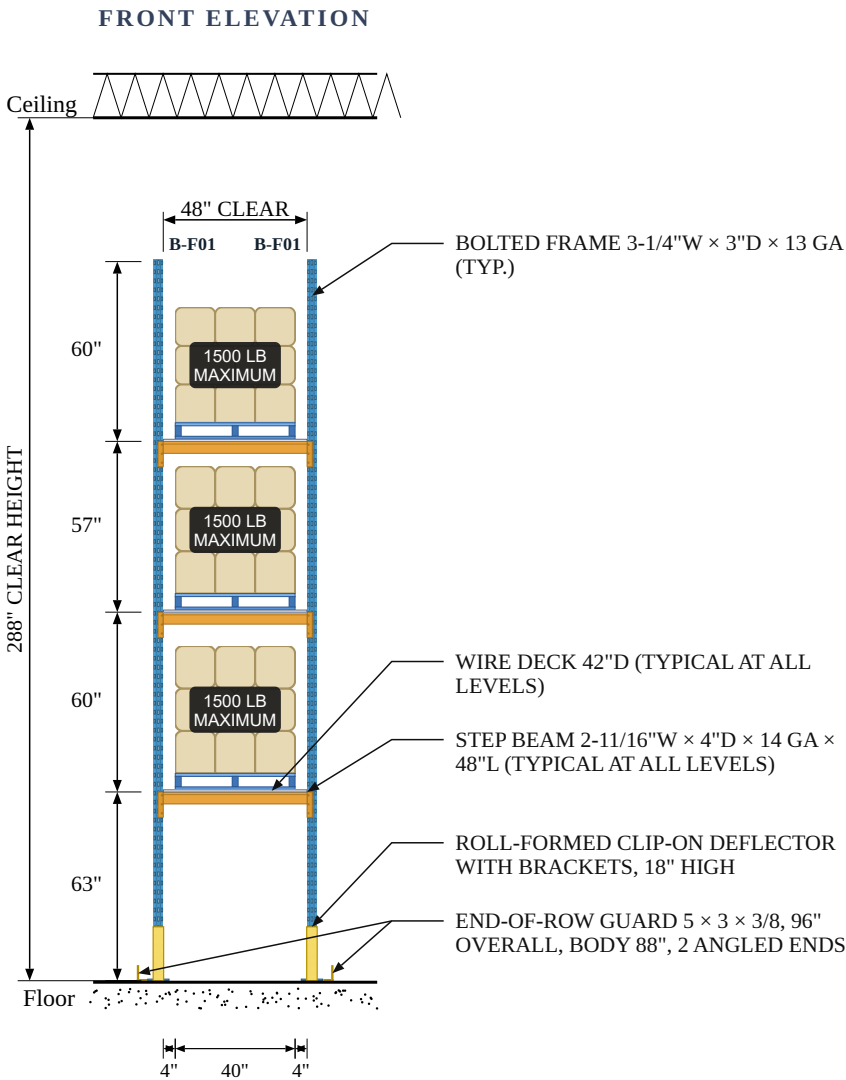
DEMO-01

SHEET NO.

S3

(SHEET 3 OF 5)

**PRELIMINARY DRAWING ONLY
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B-02A / B-02B BACK-TO-BACK PALLET RACK ELEVATIONS (TYPICAL)

Scale: 3/16" = 1'-0"
Max. load height: 224-11/16"

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Demo project

SHEET TITLE:
Preliminary drawing
Elevations

DATE:
2026-10-15

DRAWN BY:

DRAWING SCALE:
3/16" = 1'-0"

ORDER NO.:

ENGINEER'S SEAL

DRAWING NO.

DEMO-01

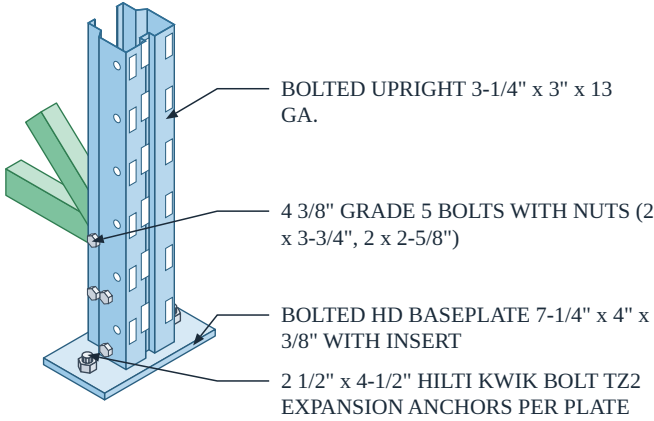
SHEET NO.

S4

(SHEET 4 OF 5)

**PRELIMINARY DRAWING ONLY
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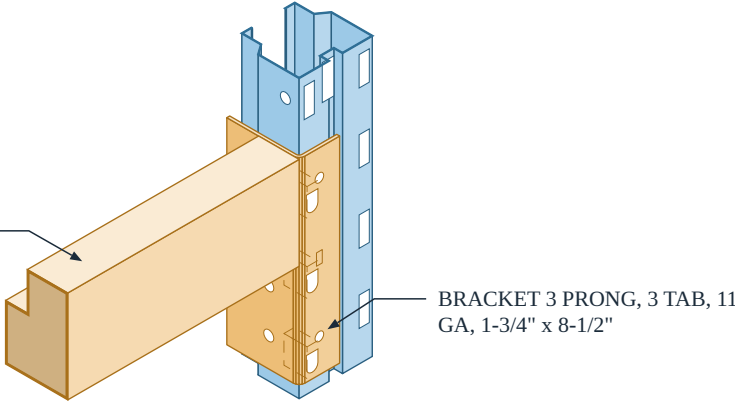
DETAILS



UPRIGHT DETAIL (TYPE)

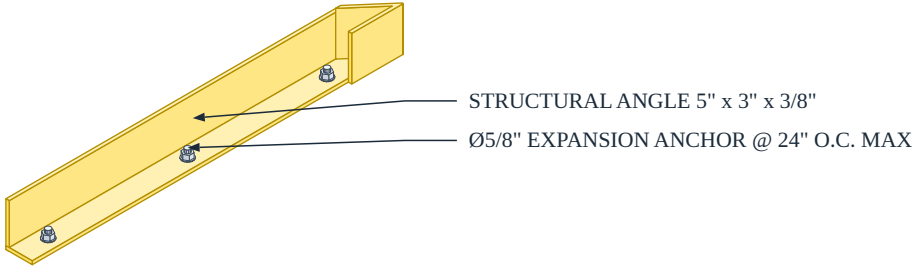
NTS

STEP BEAM 2-11/16" x 4" x 14 GA.



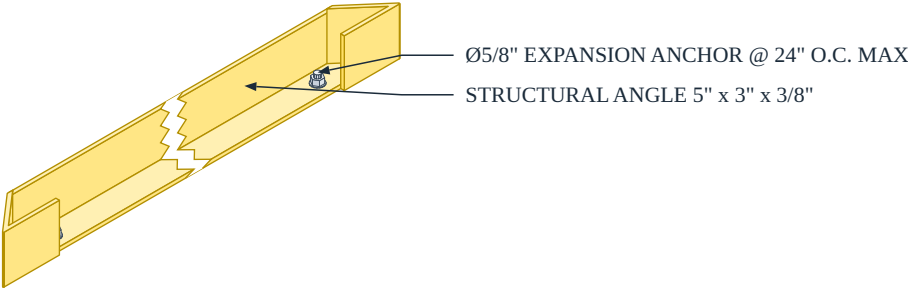
STEP BEAM / BRACKET DETAIL (TYPE)

NTS



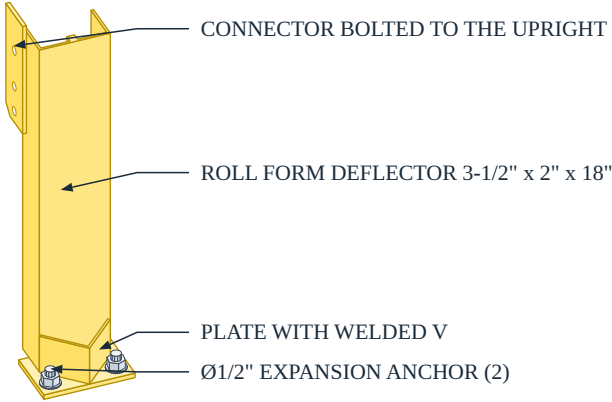
END-OF-ROW GUARD DETAIL, ONE END ANGLED (TYPE)

NTS



END-OF-ROW GUARD DETAIL, BOTH ENDS ANGLED (TYPE)

NTS



CLIP-ON ROLL FORM DEFLECTOR DETAIL

NTS

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Demo project

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Preliminary drawing
Details

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DRAWING SCALE:
AS NOTED

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ENGINEER'S SEAL

DRAWING NO.

DEMO-01

SHEET NO.

S5

(SHEET 5 OF 5)

PRELIMINARY DRAWING ONLY
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