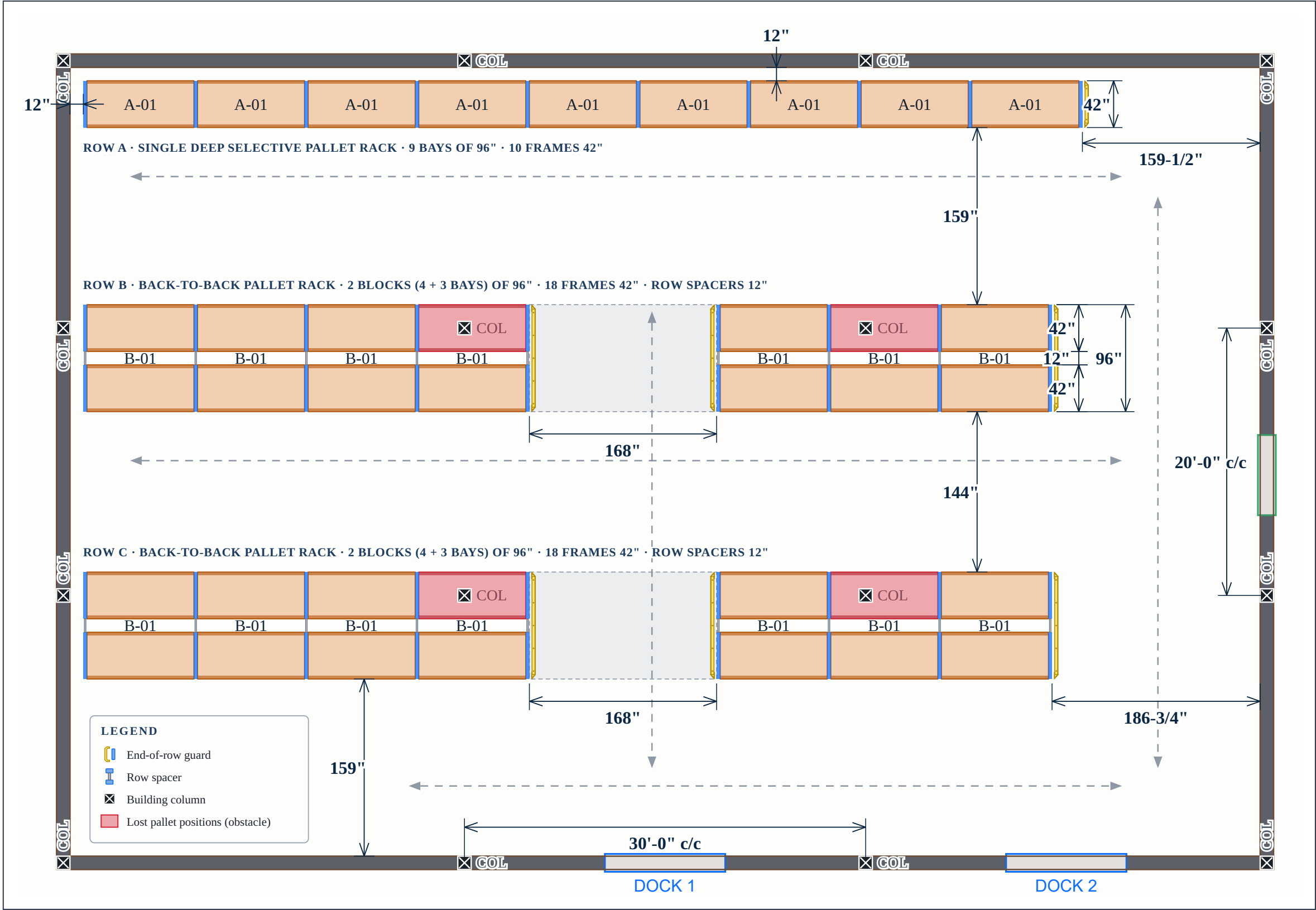




LAYOUT PLAN

APPROVED — proceed to final design

REJECTED (revise and resubmit)

APPROVED AS NOTED

NAME _____

DATE _____

Failure to approve the drawings may affect the project schedule. No fabrication can begin until final approval is received.

NOTE

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

Bayright

bayright.ca

CLIENT:
Demo client

PROJECT:
Demo project

SHEET TITLE:
Preliminary drawing
Plan view

DATE:
2026-10-07

DRAWING SCALE:
1/8" = 1'-0"

ENGINEER'S SEAL

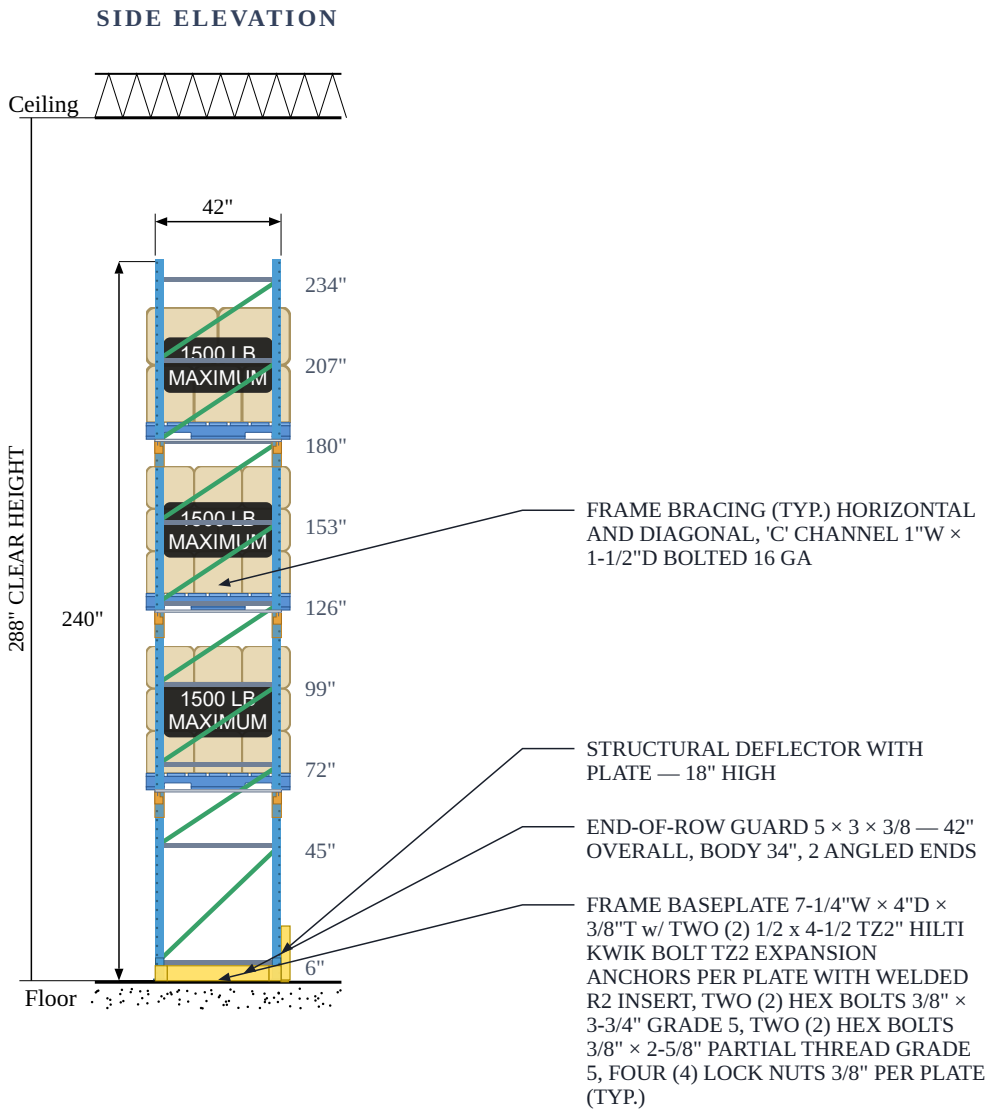
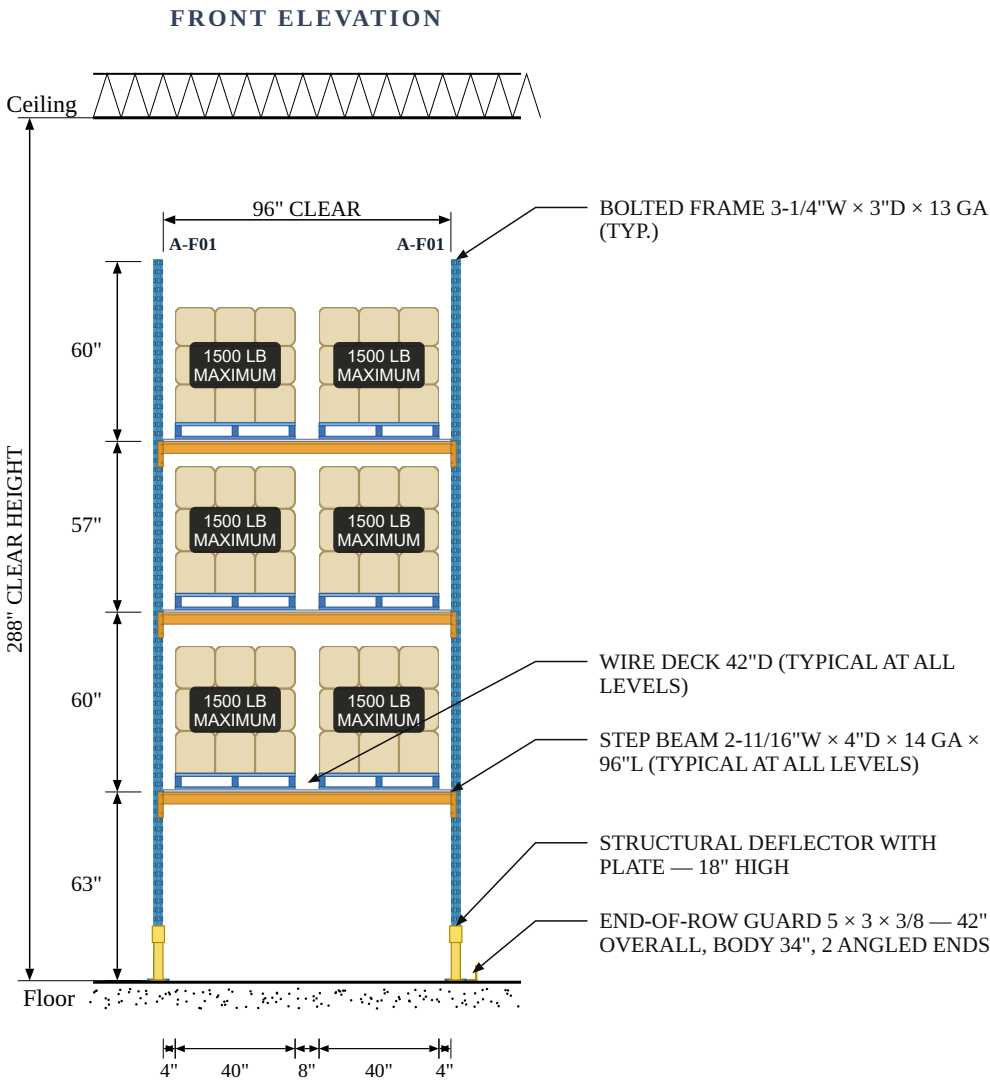
DRAWN BY:
Bayright

ORDER NO.:

DRAWING NO.
DEMO-01

SHEET NO.
S1
(SHEET 1 OF 4)

PRELIMINARY DRAWING ONLY
NOT FOR INSTALLATION



A-01 SINGLE DEEP PALLET RACK ELEVATIONS (TYPICAL)

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

GENERAL NOTES

- Preliminary layout drawing. Seismic effects, lateral loads and anchors not calculated — design and sealing by an engineer (CSA A344.2, 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, table 5): 3" between load and upright, 3" between load and beam above, pallet overhang 2" to 4" per beam.
- NFPA 13 flues: 6" transverse between loads (always); 6" longitudinal back-to-back above 25 ft of storage. Sprinkler clearances to be validated with the insurer and the 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/MH 16.1.
- Installation by a qualified contractor per the drawings and CSA A344; floor anchoring in all cases; permits are the client's responsibility.

PALLET COUNT

Elevation	# bays	Pallets / bay	Total per elevation
A-01	9	6	54
B-01	14	12	168
Total positions			222
Lost pallet positions			24
Usable positions			198

DRAWING APPROVAL

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

NAME _____

DATE _____

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NOTE

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REVISIONS

NO.	DATE	DESCRIPTION	BY

Bayright

bayright.ca

CLIENT:
Demo client

PROJECT:
Demo project

SHEET TITLE:
Preliminary drawing
Elevations

DATE:
2026-10-07

DRAWN BY:
Bayright

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

ORDER NO.:

ENGINEER'S SEAL

DRAWING NO.

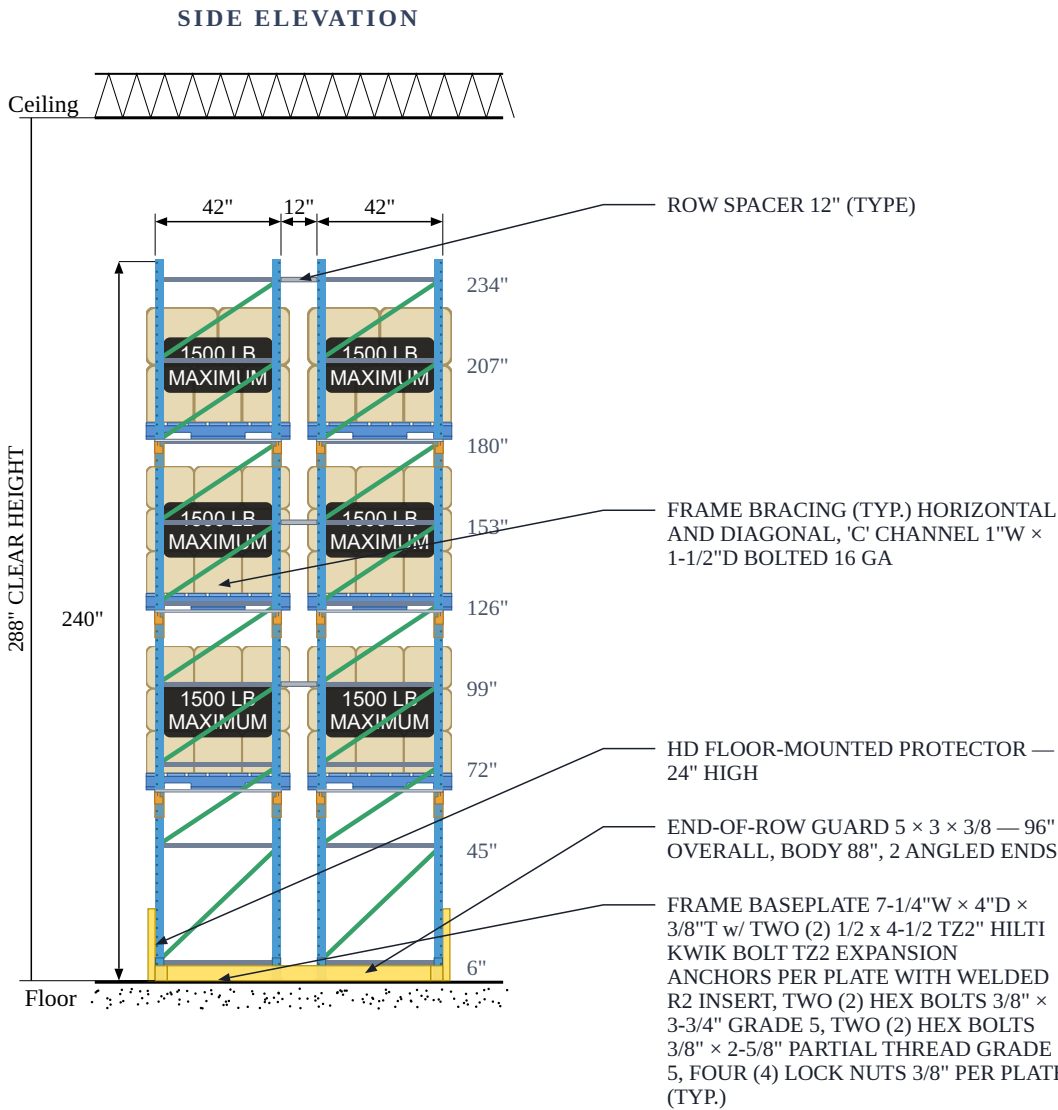
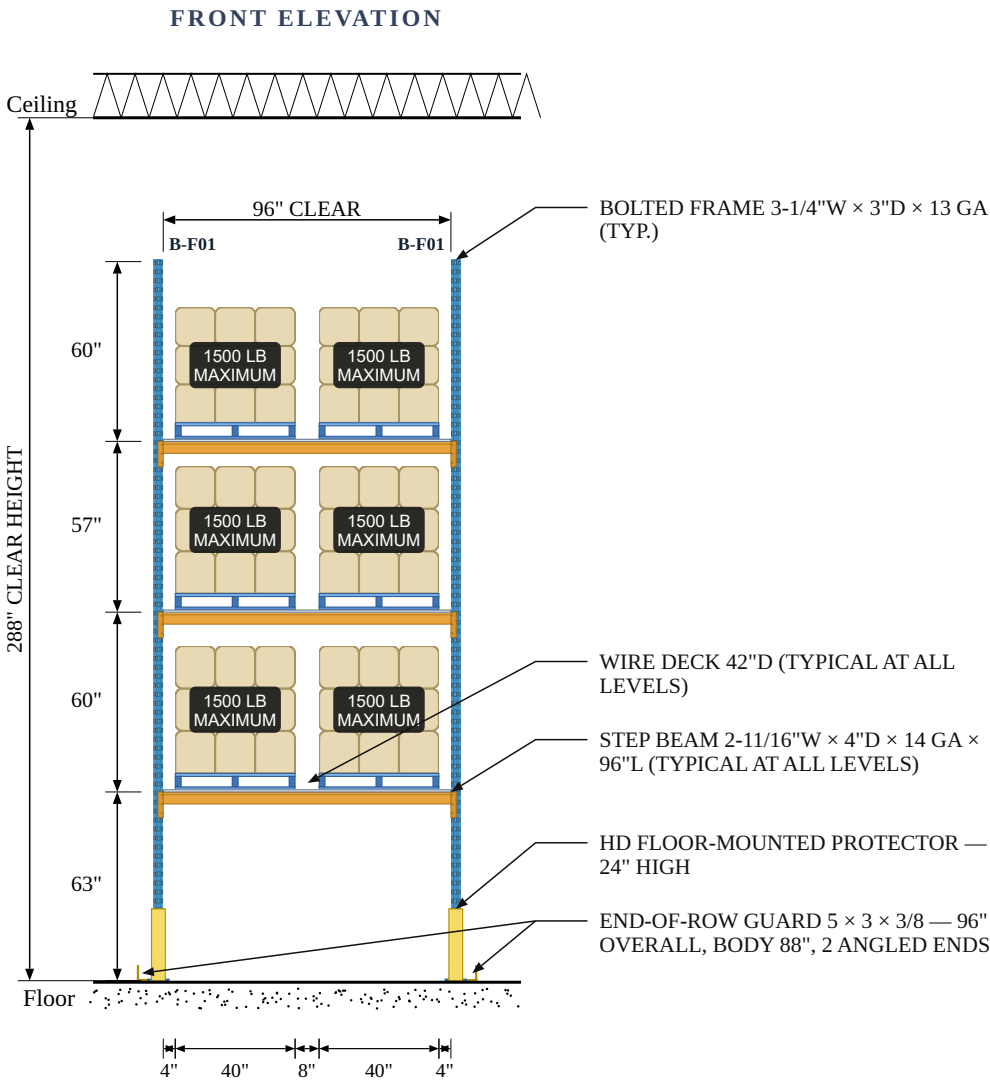
DEMO-01

SHEET NO.

S2

(SHEET 2 OF 4)

**PRELIMINARY DRAWING ONLY
NOT FOR INSTALLATION**



B-01 BACK-TO-BACK PALLET RACK ELEVATIONS (TYPICAL)

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

DRAWING APPROVAL

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

NAME _____
DATE _____

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NOTE
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REVISIONS			
NO.	DATE	DESCRIPTION	BY

Bayright

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CLIENT:
Demo client

PROJECT:
Demo project

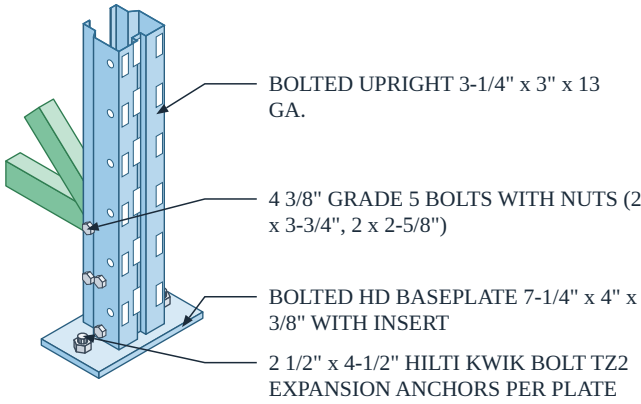
SHEET TITLE:
Preliminary drawing
Elevations

DATE: 2026-10-07	DRAWN BY: Bayright
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DRAWING SCALE: 3/16" = 1'-0"	ORDER NO.:
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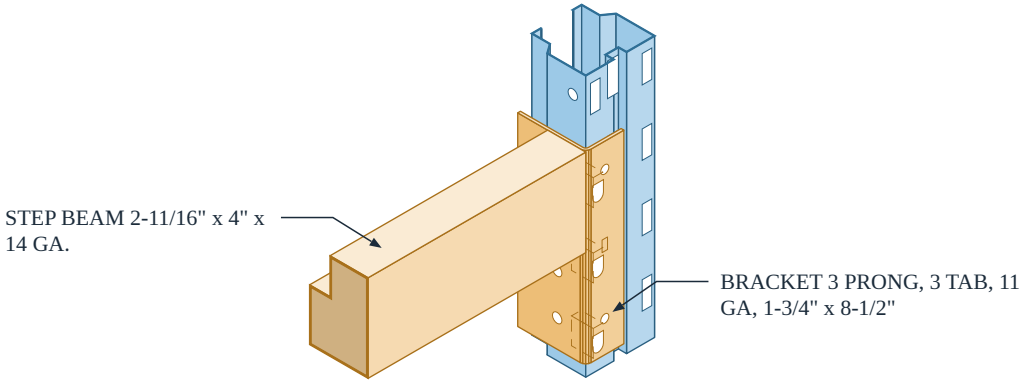
ENGINEER'S SEAL	DRAWING NO. DEMO-01
	SHEET NO. S3 (SHEET 3 OF 4)

DETAILS



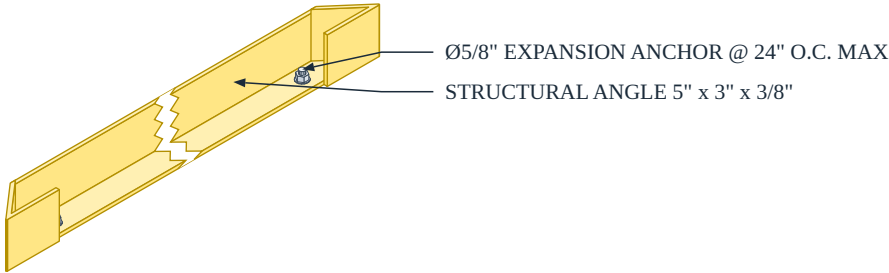
UPRIGHT DETAIL (TYPE)

NTS



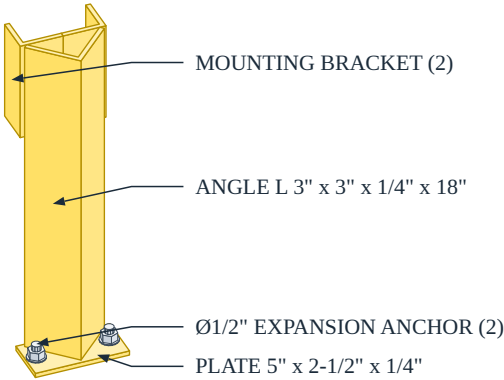
STEP BEAM / BRACKET DETAIL (TYPE)

NTS



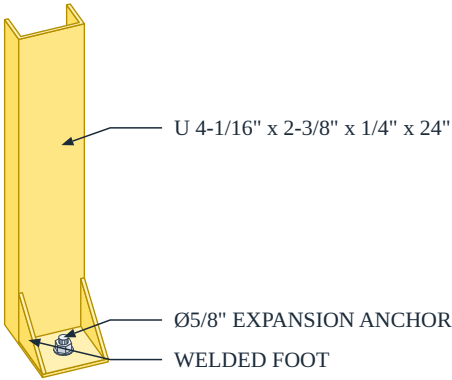
END-OF-ROW GUARD DETAIL (TYPE)

NTS



STRUCTURAL DEFLECTOR WITH PLATE DETAIL

NTS



HD FLOOR-MOUNTED PROTECTOR DETAIL

NTS

DRAWING APPROVAL

☐ APPROVED — proceed to final design

☐ REJECTED (revise and resubmit)

☐ APPROVED AS NOTED

NAME _____

DATE _____

Failure to approve the drawings may affect the project schedule. No fabrication can begin until final approval is received.

NOTE
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REVISIONS			
NO.	DATE	DESCRIPTION	BY

Bayright

bayright.ca

CLIENT:
Demo client

PROJECT:
Demo project

SHEET TITLE:
Preliminary drawing
Details

DATE:
2026-10-07

DRAWN BY:
Bayright

DRAWING SCALE:
AS NOTED

ORDER NO.:

ENGINEER'S SEAL

DRAWING NO.
DEMO-01

SHEET NO.
S4
(SHEET 4 OF 4)