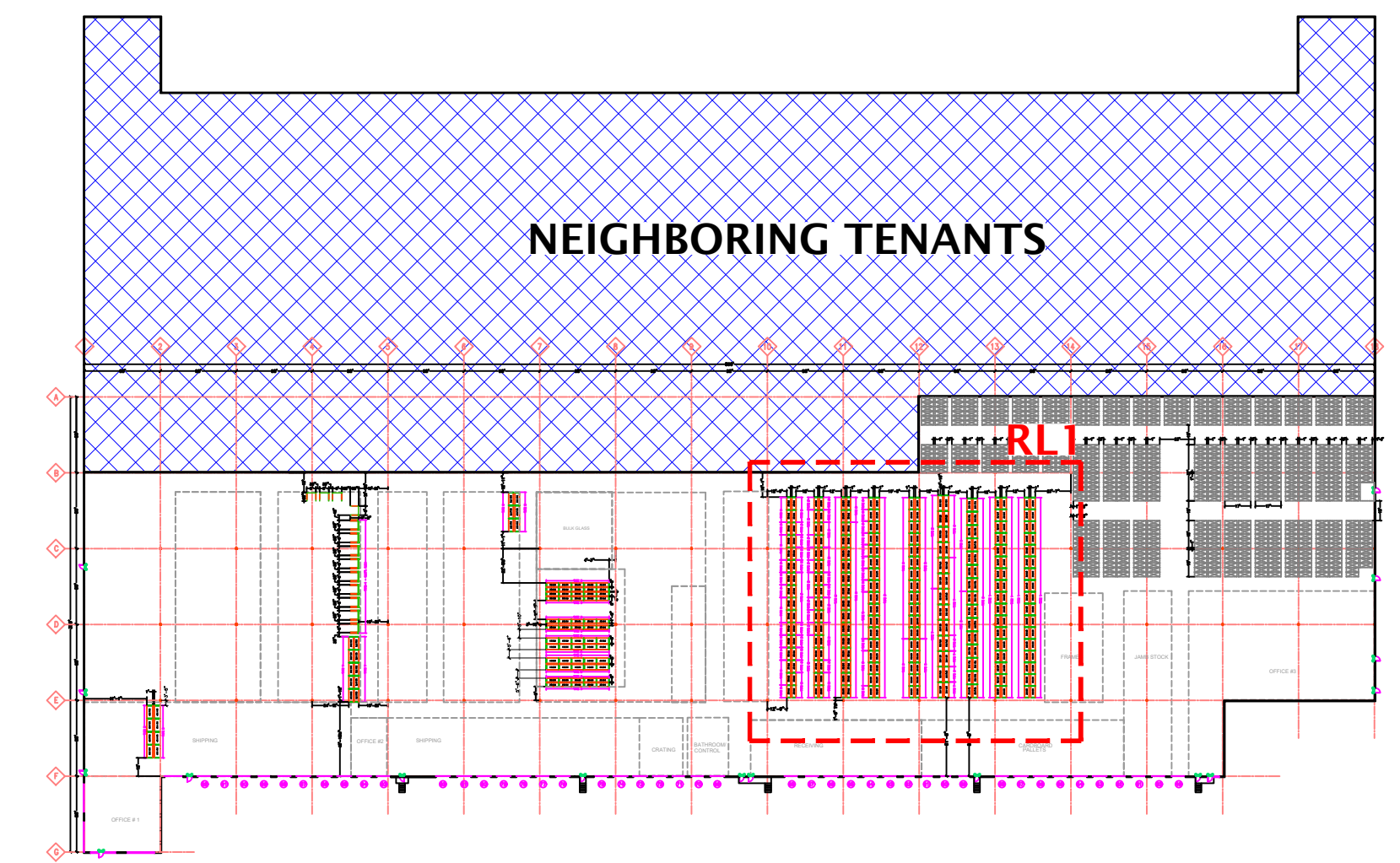
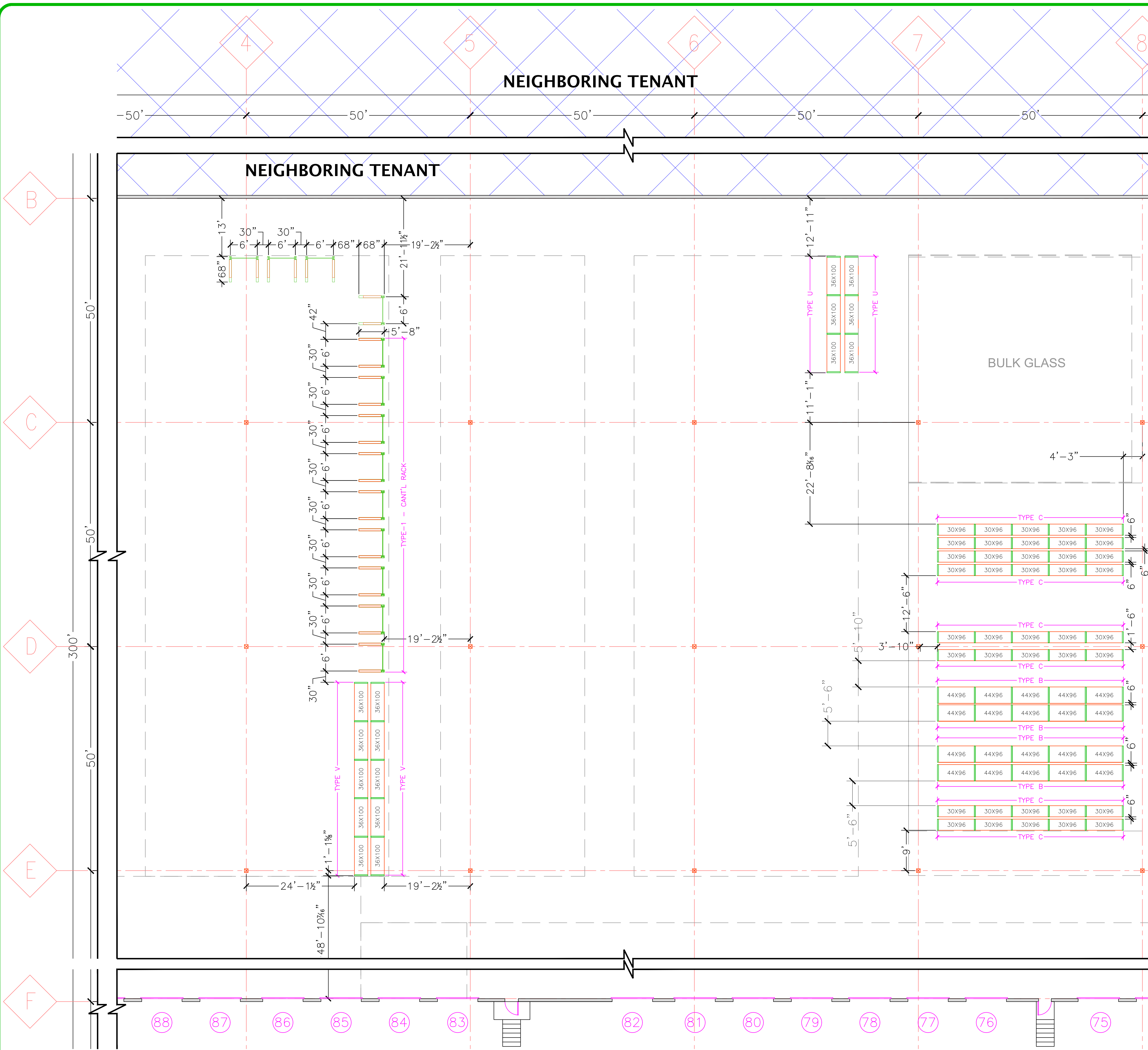
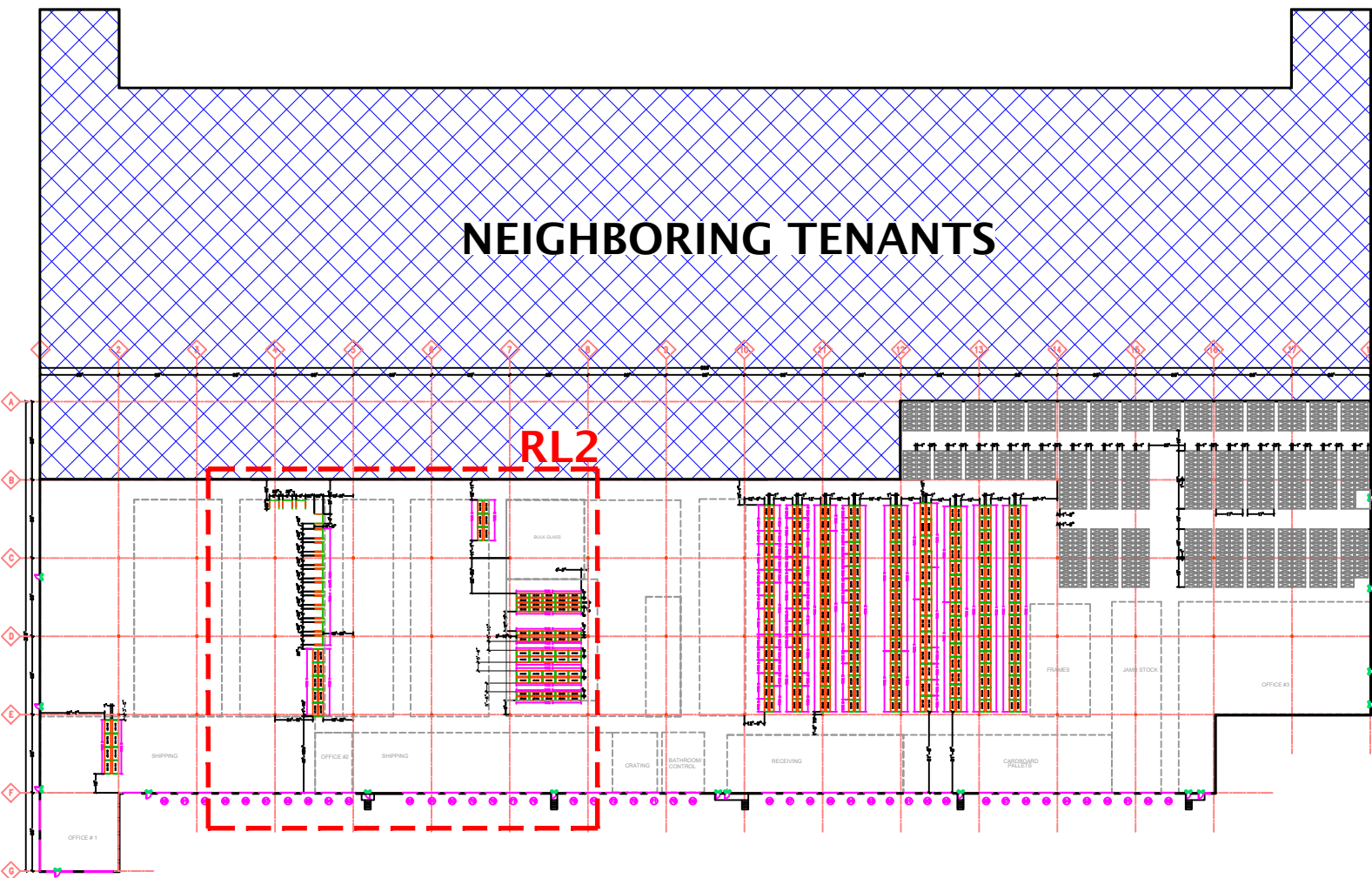






RACK LAYOUT PLAN 2 (RL2)

SCALE: 3/32" = 1'-0"



WAREHOUSE PLAN

SCALE: NTS

PROJECT NOTES:

1. THERE WILL BE NO ALTERATIONS TO BUILDING FOOTPRINT/SHELL & NO ADDITIONAL SQUARE FOOTAGE IS BEING ADDED.
2. ALL ALTERATION AREAS ARE DESIGNATED ON THE KEY PLAN.
3. WAREHOUSE AREA WHERE RACKING IS BEING INSTALLED IS NOT OPEN TO THE PUBLIC.
4. SEE 'S' SHEETS FROM CUSHING TERRELL FOR DETAILED RACK ELEVATIONS, CONNECTION DETAILS, & ANCHORING INFO.
5. RACKING MATERIALS BEING INSTALLED DOES NOT REQUIRE ONSITE WEILDING.
6. RACKING TO BE ASSEMBLED & INSTALLED PER MANUFACTURE SPECIFICATIONS & PREVAILING STATE/ LOCAL BUILDING CODE.

SEE SHEETS FROM RACK DESIGN & ENGINEERING CO FOR ADDITIONAL RACKING INFORMATION. (ENGINEERING DETAILS, NOTES & ANCHORING)

[2021 Washington State Building Code, section 2209.3] Certification For rack storage structures that are 8 feet (2438 mm) in height or greater to the top load level and assigned to Seismic Design Category D, E, or F at completion of the storage rack installation, a certificate of compliance shall be submitted to the owner or the owner's authorized agent stating that the work was performed in accordance with approved construction documents.

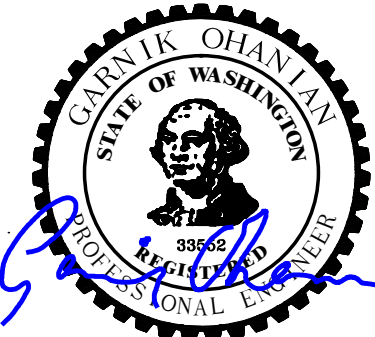
Permit with L&I and install all necessary exit path illumination and exit signs for the revised and updated floor plans. Testing of the system will be required prior to use of the rack storage. See IBC chapter 10 for lighting requirements.

Provide load limit placards in each rack area, type, and/or shelf with variation in load limits per engineers design. Packards to be durably constructed and posted for inspection. See RMI standards for details.

Do not use or load racks until after Final Inspection Approval.

City of Puyallup Development & Permitting Services ISSUED PERMIT			
Building	Planning	Engineering	Public Works
Fire	Traffic		

KEY PLAN LEGEND & FLOOR AREAS	
ALTERATION AREA	10,747+/- SF
NO ALTERATIONS IN THIS AREA	-
BULK STORAGE	17,292+/- SF
AREA OF WORK	182,500+/- SF
NEIGHBORING SPACE	-



STRUCTURAL ONLY

SHEET NUMBER

2

PRCTI20251104

PROJECT TITLE

CODE ENTRY SYSTEMS CORP
1601 INDUSTRIAL PKWY STE 102
PUYALLUP, WA 98371

SEATTLE
ANCHORAGE
PORTLAND
SPokane
EUGENE
YAKIMA
TUMWATER

NORTHWEST
HANDLING SYSTEMS, INC.
1100 SW 7TH STREET
RENTON WA 98055
(425) 255-0500

SHEET DESCRIPTION

RACK LAYOUT PLAN
(RL2)

SCALE

AS SHOWN

DATE

9/30/25

DRAWN BY

MOO, JW

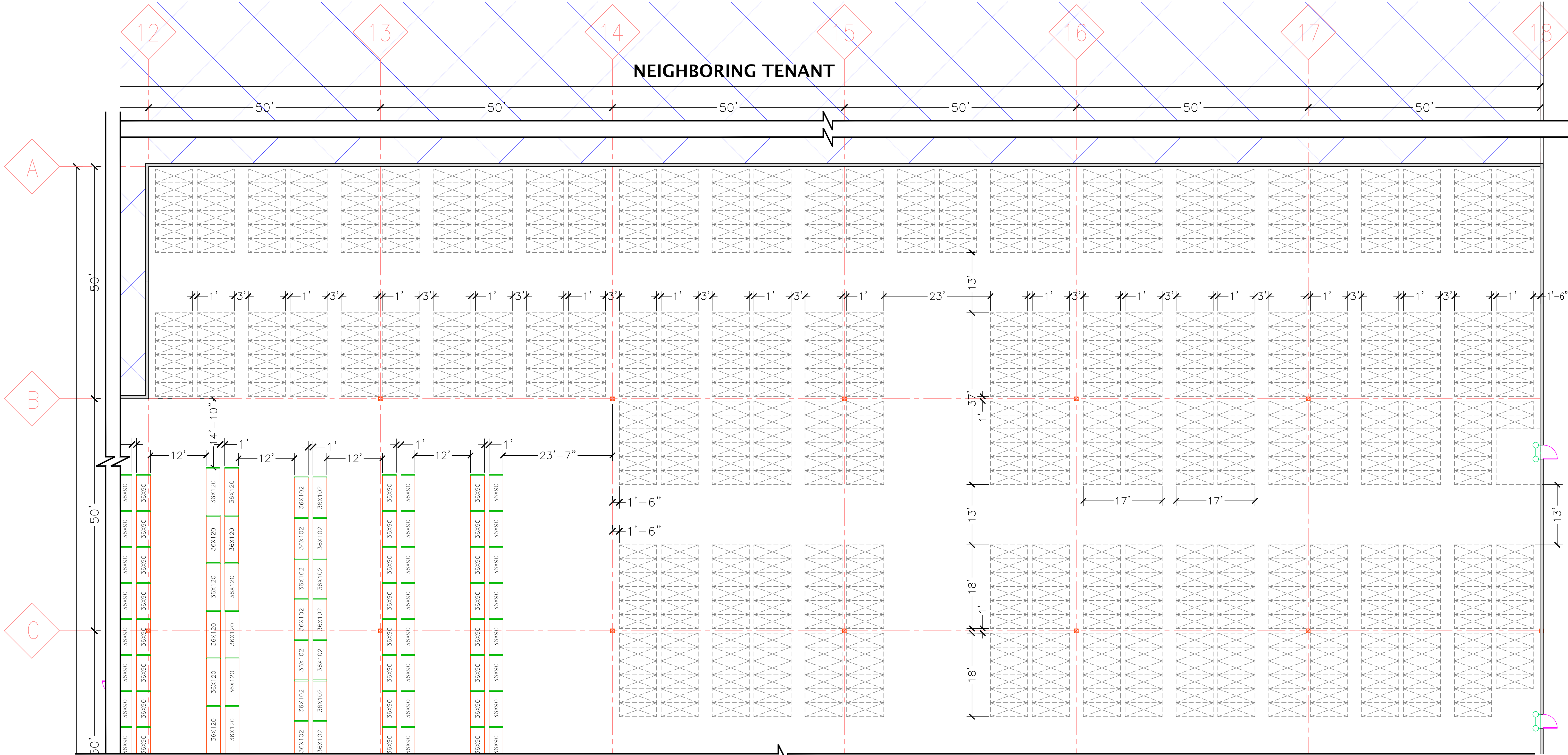
DRAWING NUMBER

D2

SAVED AS

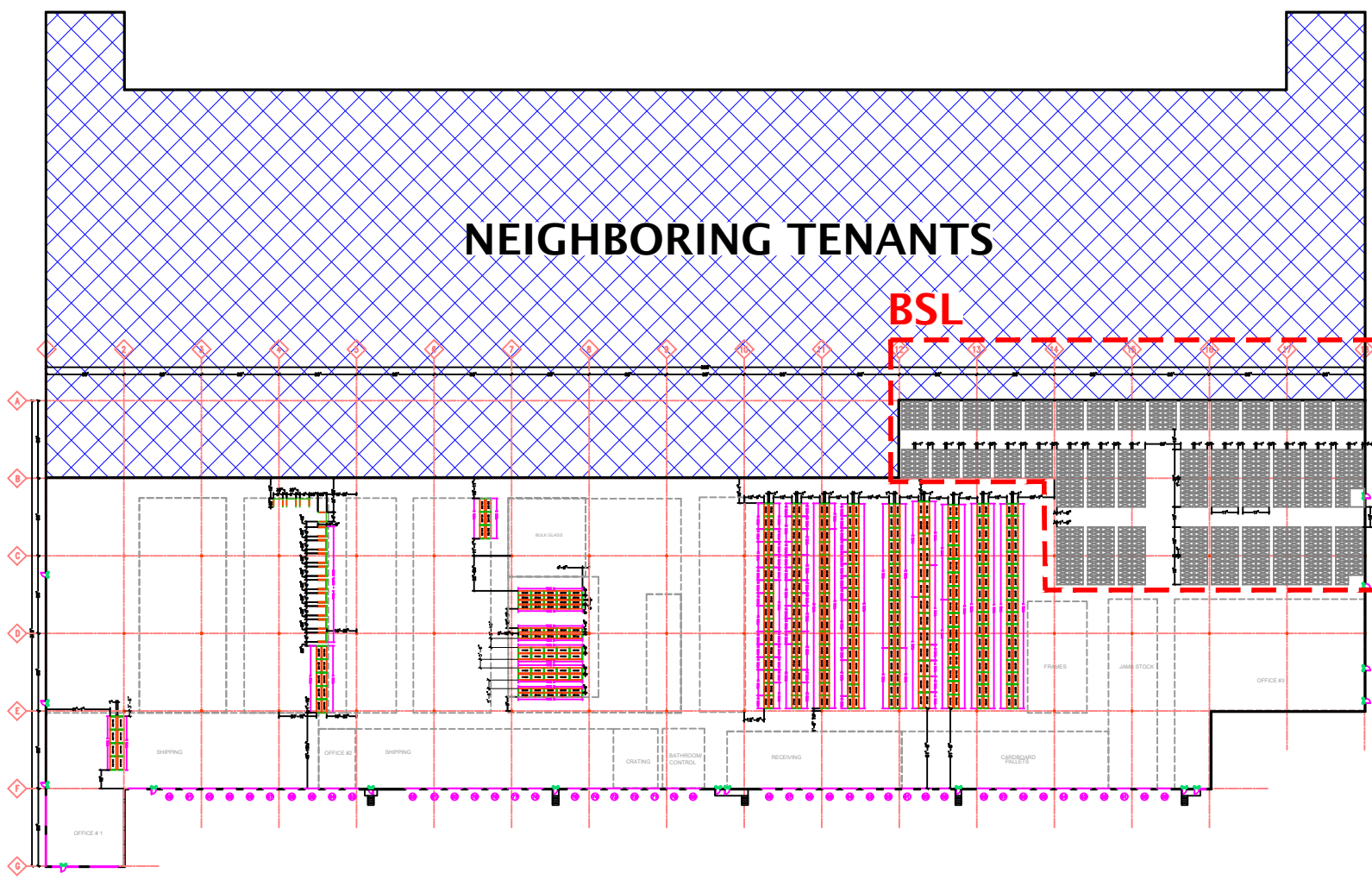
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PRCTI20251104 - COR 1 09/29/25



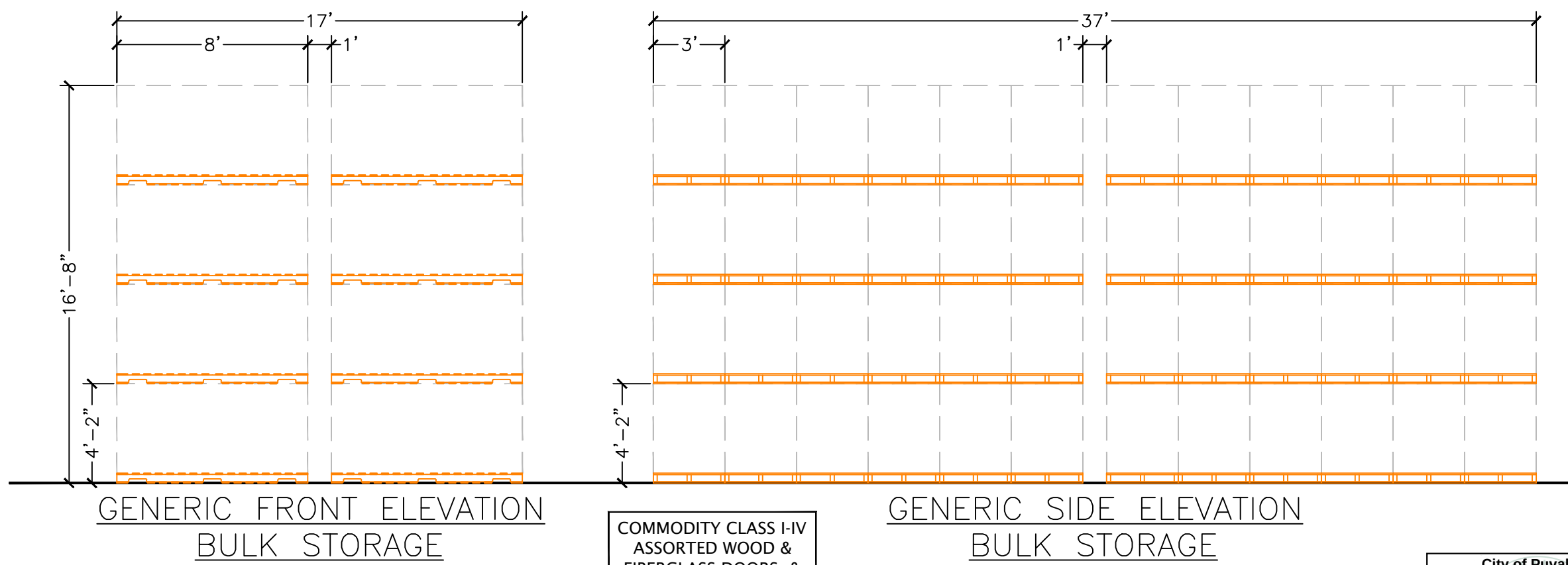
BULK STORAGE LAYOUT (BSL)

SCALE: 3/32" = 1'-0"



WAREHOUSE PLAN

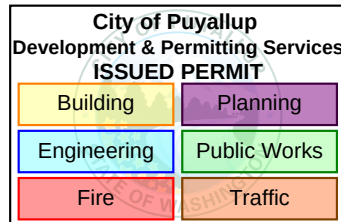
SCALE: NTS



BULK STORAGE ELEVATIONS

SCALE: 3/32" = 1'-0"

COMMODITY CLASS I-IV
ASSORTED WOOD &
FIBERGLASS DOORS, &
DOOR ACCESSORIES



PROJECT NOTES:

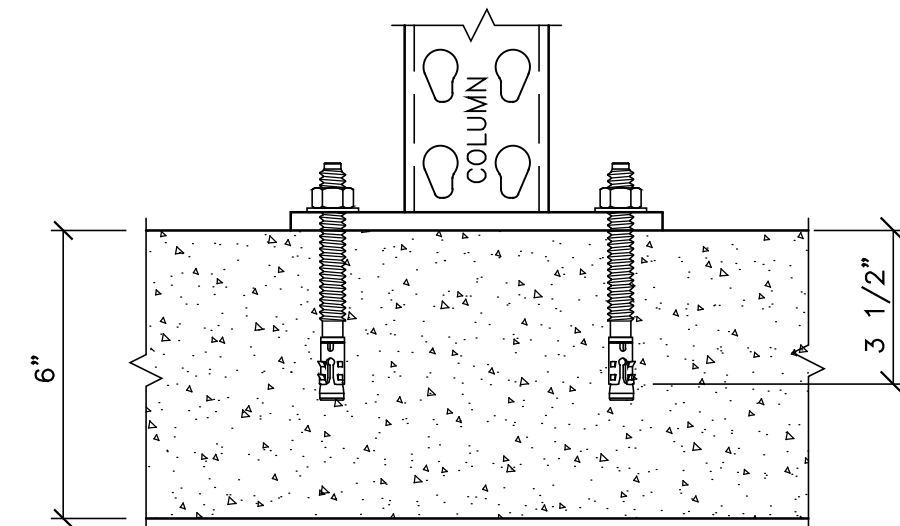
- THERE WILL BE NO ALTERATIONS TO BUILDING FOOTPRINT/SHELL & NO ADDITIONAL SQUARE FOOTAGE IS BEING ADDED.
- ALL ALTERATION AREAS ARE DESIGNATED ON THE KEY PLAN.
- WAREHOUSE AREA WHERE RACKING IS BEING INSTALLED IS NOT OPEN TO THE PUBLIC.
- SEE 'S' SHEETS FROM CUSHING TERRELL FOR DETAILED RACK ELEVATIONS, CONNECTION DETAILS, & ANCHORING INFO.
- RACKING MATERIALS BEING INSTALLED DOES NOT REQUIRE ONSITE WEILDING.
- RACKING TO BE ASSEMBLED & INSTALLED PER MANUFACTURE SPECIFICATIONS & PREVAILING STATE/ LOCAL BUILDING CODE.

KEY PLAN LEGEND & FLOOR AREAS		
	ALTERATION AREA	10,747+/- SF
	NO ALTERATIONS IN THIS AREA	-
	BULK STORAGE	17,292+/- SF
	AREA OF WORK	182,500+/- SF
	NEIGHBORING SPACE	-

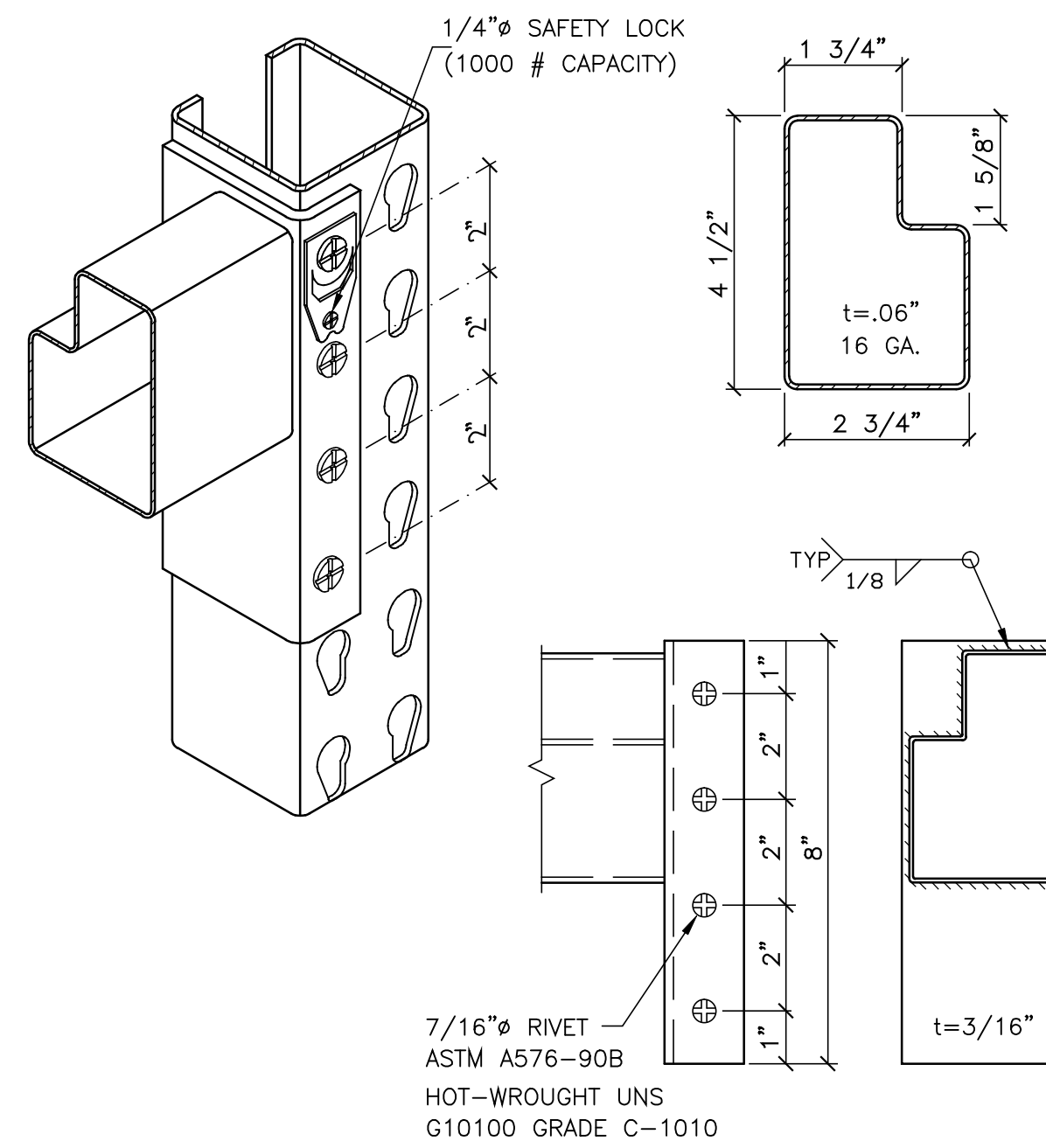


WRITTEN CONSENT OF NORTHWEST HANDLING SYSTEMS:

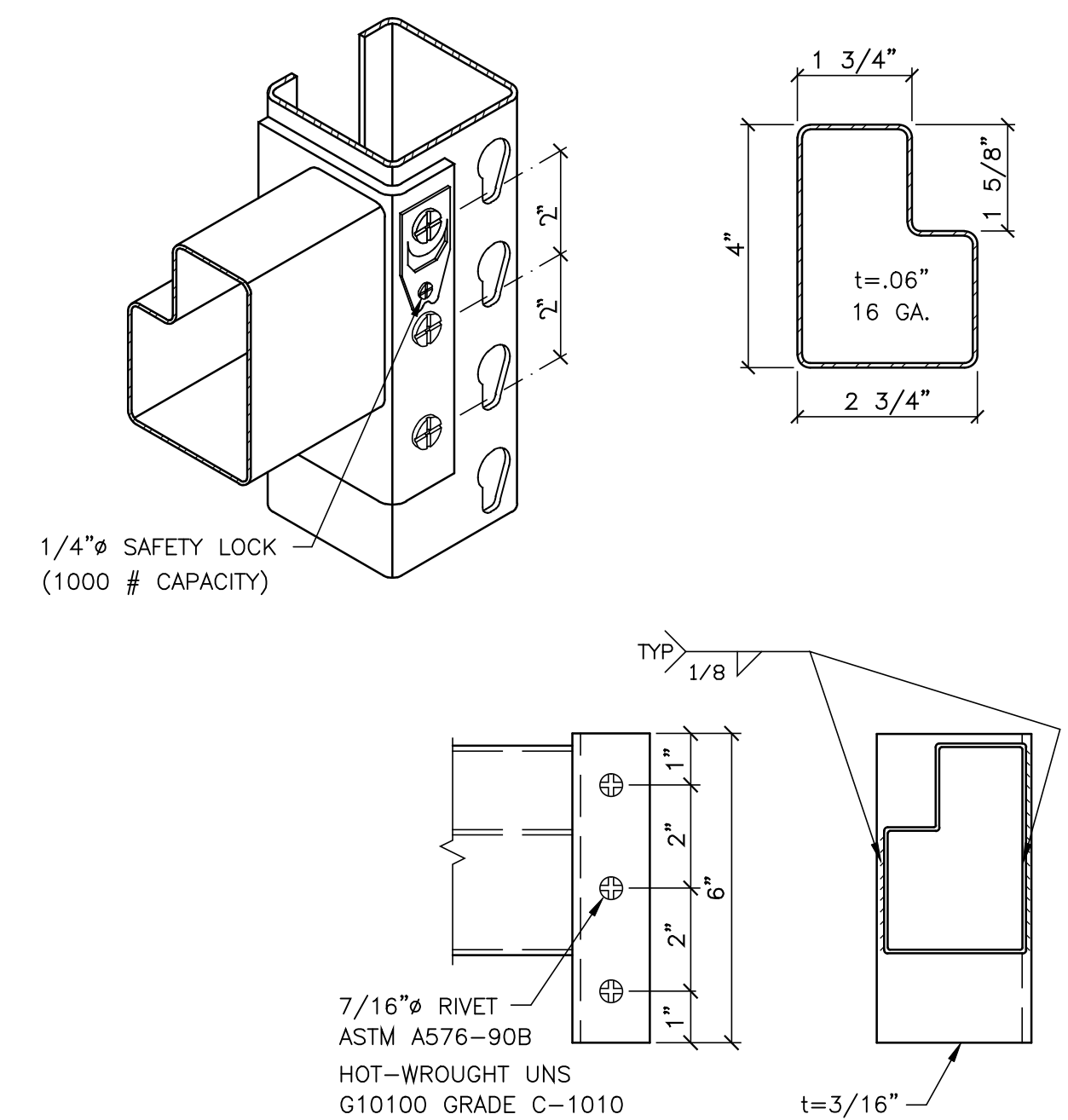




BASE PLATE DETAIL



BRACING DETAIL

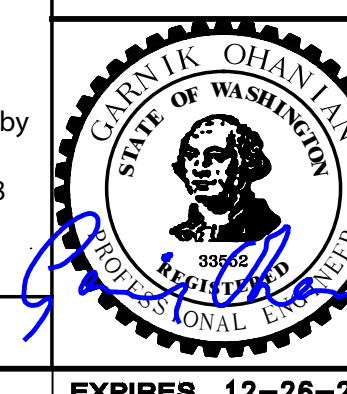


③	3 PIN CONNECTION
---	------------------



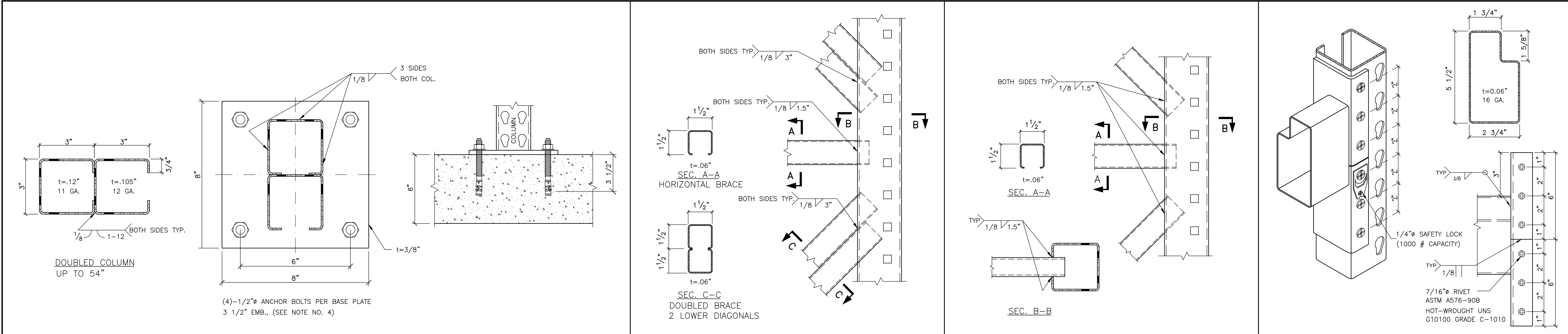
Digitally signed by
Garnik Ohanian
Date: 2025.07.28
15:06:53 -07'00'

- 1-DESIGN OF STEEL STORAGE RACKS AS SHOWN BY THESE DRAWINGS AND CALCULATIONS ARE IN COMPLIANCE WITH THE REQUIREMENTS OF THE IBC 2021, ASCE/SEI 7-16, ACI 318-19, RMI/ANSI MH 16.1-2012
- 2-STEEL FOR ALL SHAPES FY=55 KSI. ASTM A1011 GR.55 (EXCEPT AS NOTED)
- 3-NO FIELD WELDING IN THIS PROJECT ALL WELDED CONSTRUCTION IN THE SHOP OF THE APPROVED FABRICATOR #F801649 (ET0XX ELECTRODES)
- 4-ALL ANCHORS HILTI KWIK BOLT-TZ2 ESR-4266
- 5-PERIODIC SPECIAL INSPECTION IS REQUIRED
- 6-EXISTING CONCRETE SLAB 6" THICK 3500 PSI. SOIL BEARING CAPACITY 1000 PSF
- 7-STORAGE RACK CAPACITY: 3500 #/ LEVEL
- 8-RACK INSTALLATIONS SHALL DISPLAY IN ONE OR MORE CONSPICUOUS LOCATIONS A PERMANENT SIGN OF 50 SQUARE INCHES IN AREA, SHOWING THE CAPACITY OF THE RACK (3500 #/ LEVEL)
- 9-STORAGE RACKS SHALL BE INSTALLED WITH A MAXIMUM TOLERANCE FROM THE VERTICAL OF 1/2" IN 10'-0" OF HEIGHT
- 10-THE CLEAR SPACE BELOW SPRINKLERS SHALL BE A MINIMUM OF 18 INCHES BETWEEN THE TOP OF THE STORAGE AND THE CEILING SPRINKLER DEFLECTOR.
- 11-STORAGE RACK AREA NOT OPEN TO PUBLIC, EMPLOYEE ACCESS ONLY

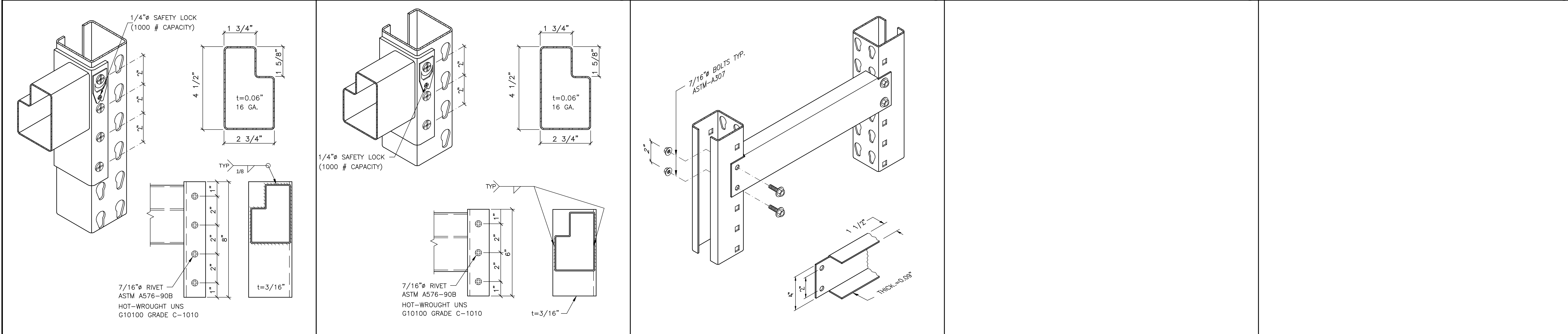


SCALE: NONE		DRAWN BY: <i>ASB</i>	
DATE: 7-25-2025			
PROJECT: CODEL ENTRY SYSTEMS CORPORATION			
1601 INDUSTRIAL PARKWAY, SUITE 102, PUYALLUP, WA 98371			
STORAGE RACK DETAILS		JOB NO. RD-21739	SHEET NO. 1 OF 5

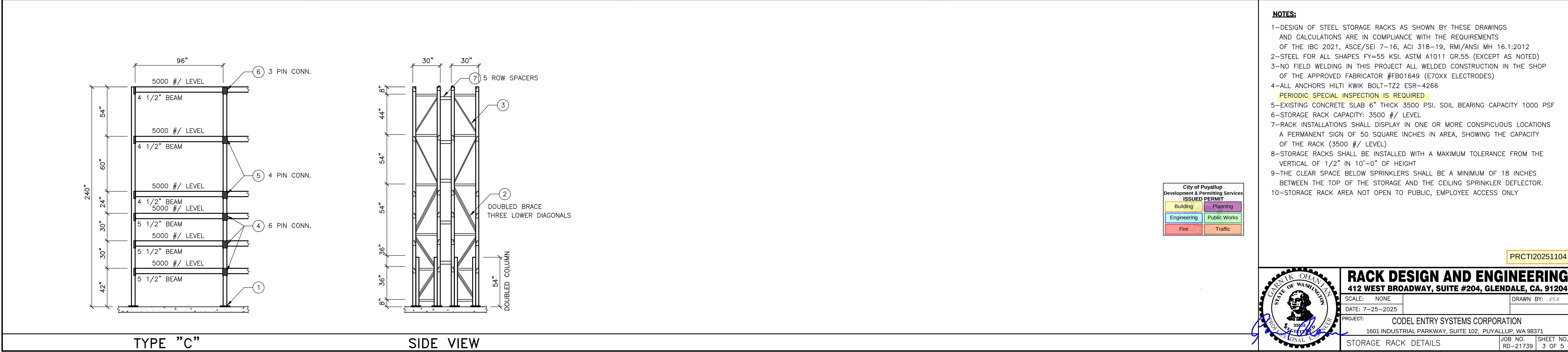
EXPIRES	12-26-25
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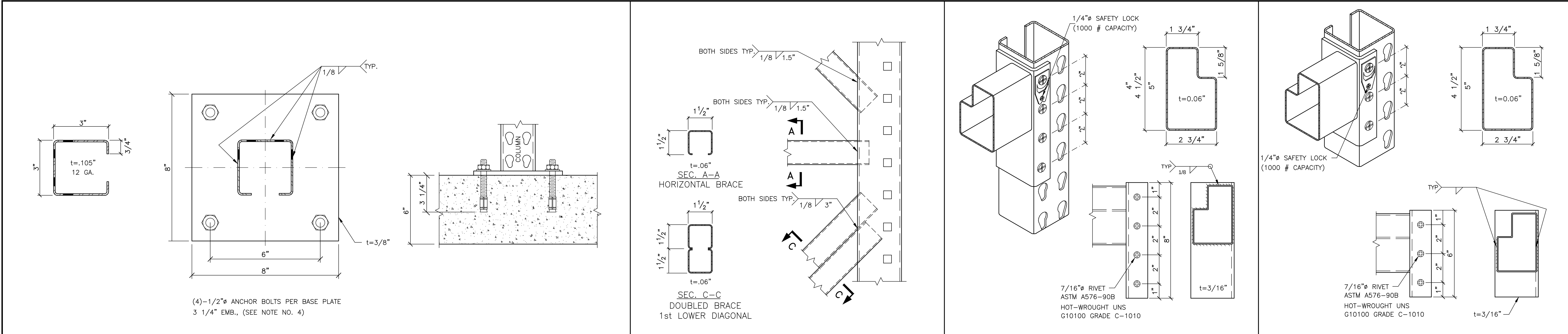


1 BASE PLATE DETAIL 2 DOUBLED BRACING DETAIL 3 BRACING DETAIL 4 6 PIN CONNECTION

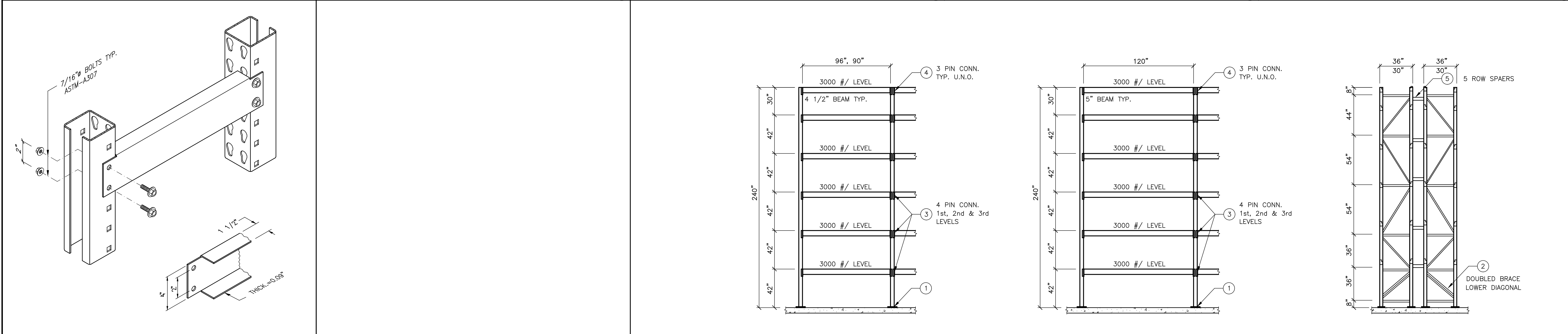


5 4 PIN CONNECTION 6 3 PIN CONNECTION 7 ROW SPACER

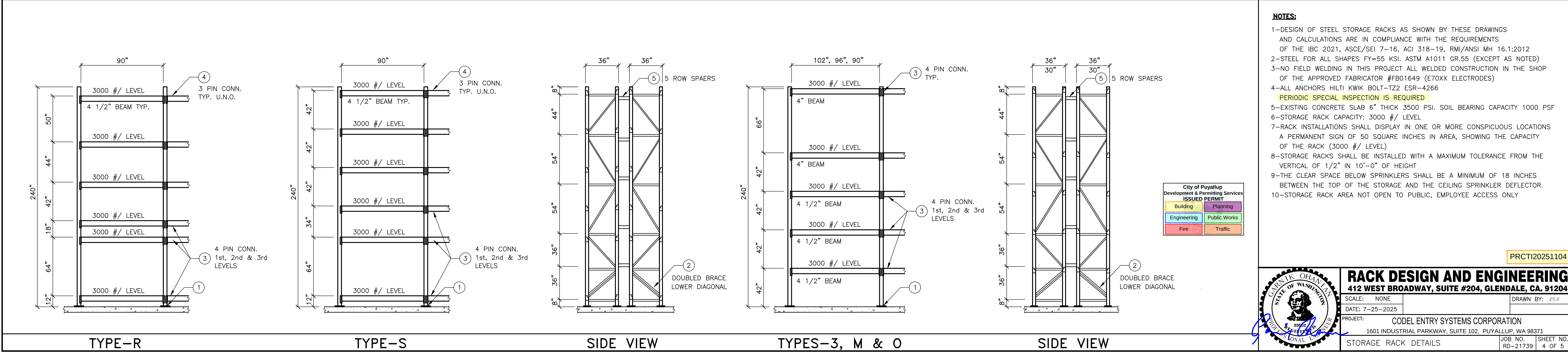


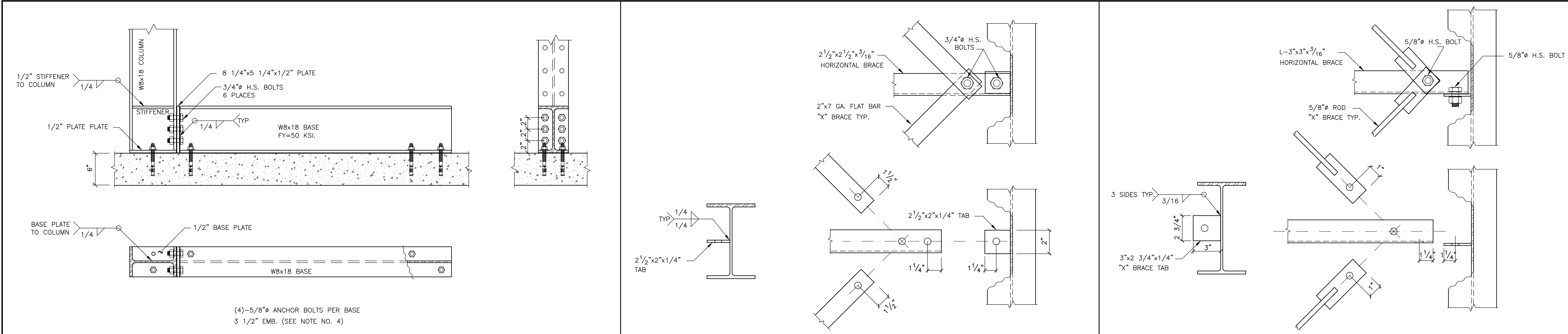


BASE PLATE DETAIL 1 BRACING DETAIL 2 4 PIN CONNECTION 3 3 PIN CONNECTION 4



ROW SPACER 5 TYPE-D & N TYPE-E & T SIDE VIEW





BASE DETAIL

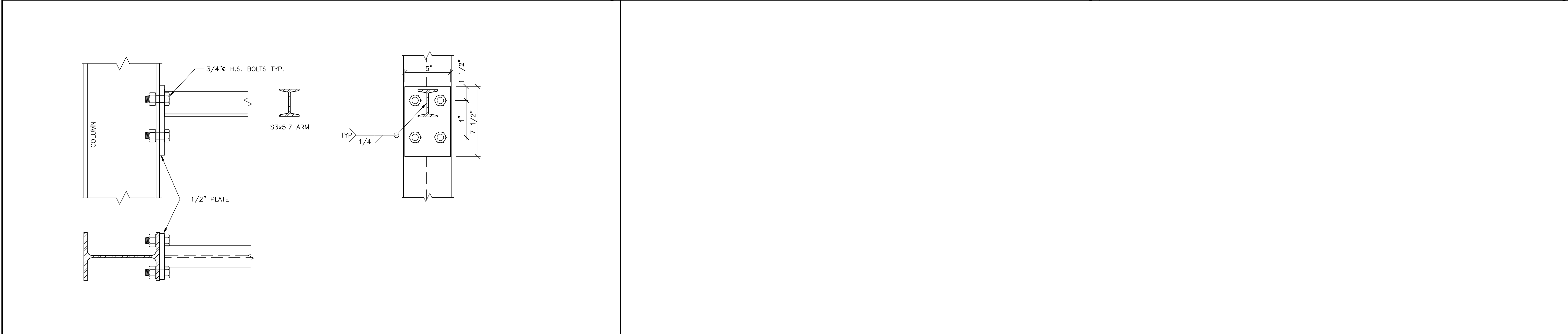
1

"X" BRACING DETAIL

2

"X" BRACING DETAIL

3



ARM DETAIL

4

72"

192"

2

8"

60"

4

1

72"

152"

3

8"

48"

4

1

60"

TYPE-1

SIDE VIEW

TYPE-2

SIDE VIEW

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building

Planning

Engineering

Public Works

Fire

Traffic

NOTES:

1-DESIGN OF STEEL STORAGE RACKS AS SHOWN BY THESE DRAWINGS AND CALCULATIONS ARE IN COMPLIANCE WITH THE REQUIREMENTS OF THE IBC 2021, ASCE/SEI 7-16, ACI 318-19, RMI/ANSI MH16.3-2016

2-STEEL FOR ALL SHAPES FY=50 KSI, ASTM A570 GR. 50 (EXCEPT AS NOTED)

3-NO FIELD WELDING IN THIS PROJECT ALL WELDED CONSTRUCTION IN THE SHOP OF THE APPROVED FABRICATOR #01464 (E70XX ELECTRODES)

4-ANCHORS HILTI KWIK BOLT TZ2 ESR-4266

PERIODIC SPECIAL INSPECTION IS REQUIRED

5-EXISTING CONCRETE SLAB 6" THICK 3500 PSI, SOIL BEARING CAPACITY 1000 PSF

6-STORAGE RACK CAPACITY: 750 #/ ARM

7-RACK INSTALLATIONS SHALL DISPLAY IN ONE OR MORE CONSPICUOUS LOCATIONS A PERMANENT SIGN OF 50 SQUARE INCHES IN AREA, SHOWING THE CAPACITY OF THE RACK (750 #/ ARM)

8-STORAGE RACKS SHALL BE INSTALLED WITH A MAXIMUM TOLERANCE FROM THE VERTICAL OF 1/2" IN 10'-0" OF HEIGHT

9-THE CLEAR SPACE BELOW SPRINKLERS SHALL BE A MINIMUM OF 18 INCHES BETWEEN THE TOP OF THE STORAGE AND THE CEILING SPRINKLER DEFLECTOR.

10-STORAGE RACK AREA NOT OPEN TO PUBLIC, EMPLOYEE ACCESS ONLY

PRCTI20251104

SEAL OF THE CITY OF PUYALLUP
STATE OF WASHINGTON
2025
OFFICIAL ENGINEER

RACK DESIGN AND ENGINEERING

412 WEST BROADWAY, SUITE #204, GLENDALE, CA. 91204

SCALE: NONE

DATE: 7-29-2025

PROJECT: CODEL ENTRY SYSTEMS CORPORATION
1601 INDUSTRIAL PARKWAY, SUITE 102, PUYALLUP, WA 98371

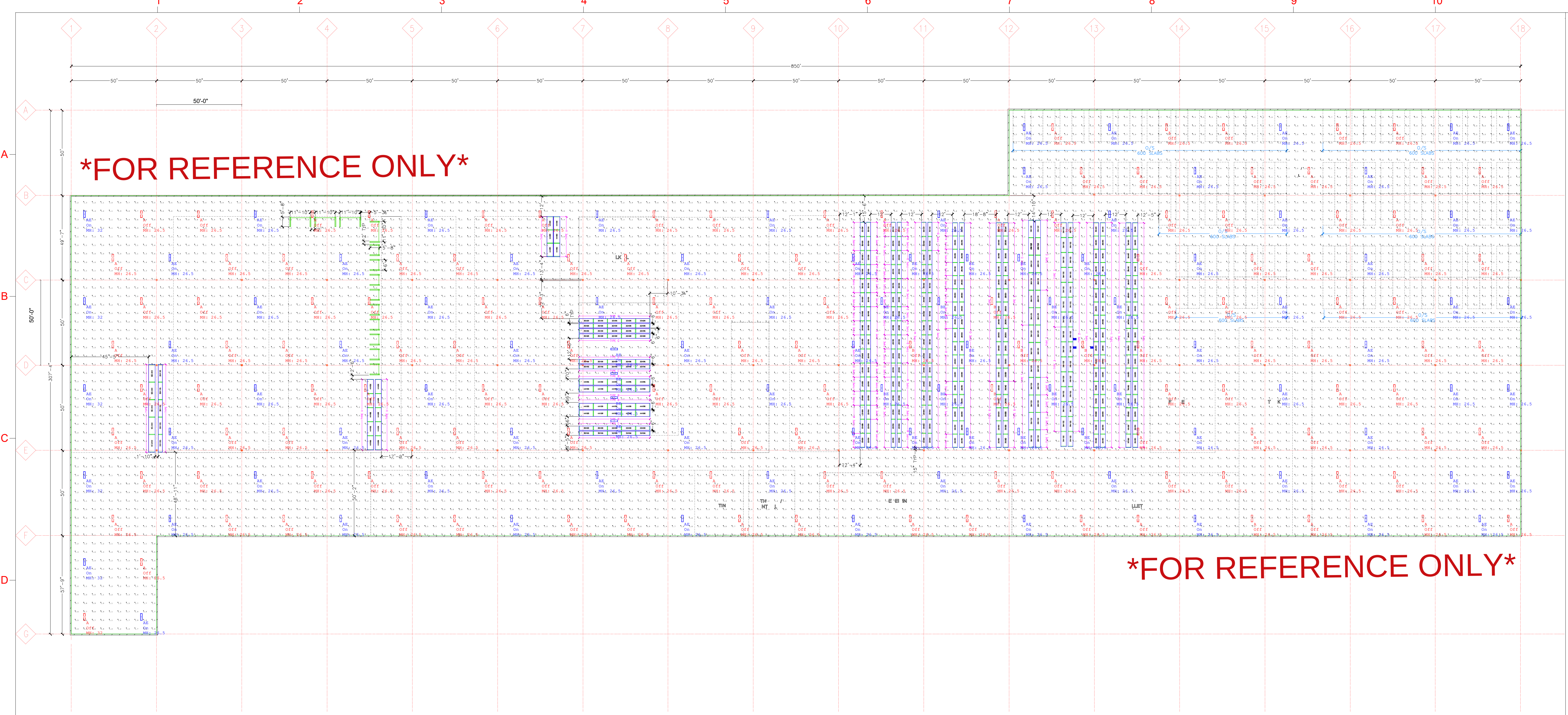
STORAGE RACK DETAILS

DRAWN BY: ASH

JOB NO. RD-21741

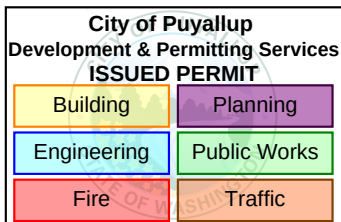
SHEET NO.

EXPIRES 12-26-25



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
WHSE CALC AREA_Workplane	Illuminance	Fc	1.28	3.3	0.2	6.40	16.50

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	
+	128	A	Single	N.A.	0.900	PLD 24000LM SEF AFL GND MVOLT GZ10 50K 80CRI HA DWH 96 VO45L	BUG Rating Lum. Watts
+	75	AE	Single	N.A.	0.131	PLD 24000LM SEF AFL GND MVOLT GZ10 50K 80CRI HA DWH 96 VO45L	B4-U4-G3 150.77
+	5	B	Single	N.A.	0.900	PLD L24 24000LM SEF ATL ND MVOLT GZ10 50K 80CRI DWH	B4-U4-G3 150.6
+	21	BE	Single	N.A.	0.127	PLD L24 24000LM SEF ATL ND MVOLT GZ10 50K 80CRI DWH	B4-U4-G3 150.6



PRCTI20251104

FOR REFERENCE ONLY

DWG # :	MG050925PRO-BPM-1601 INDUSTRIAL PKWY WHSE LTG EM - 02
YARDI CODE :	SEA02401
DESIGNER EMAIL :	michaelg@performanceltg.com
PROJECT DATE :	05/15/2025
REVISION DATE :	07/25/2025
REP :	plsprologis@performanceltg.com
ADDRESS:	1601 INDSTRL PKWY, STE 100 PUYALLUP, WA 98371

DISCLAIMER
BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS. THE PROJECT ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS. THE LIGHTING DATA REPRESENTS ILLUMINATION LEVELS TAKEN FROM A LABORATORY SETTING UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) APPROVED METHODS. ACTUAL PERFORMANCE MAY VARY DUE TO VARIATIONS IN ELECTRICAL VOLTAGE, INSTALLATION, TOLERANCE LEVELS, BUILDINGS, OTHER LIGHTING, AND OTHER VARIABLES THAT WERE NOT CONSIDERED WHEN THIS PHOTOMETRIC REPORT WAS CREATED. IT IS THE RESPONSIBILITY OF THE OWNER OR PROJECT ENGINEER TO ENSURE COMPLIANCE OF ALL STANDARDS IN EFFECT. THIS PHOTOMETRIC LAYOUT IS THE PROPERTY OF PERFORMANCE LIGHTING AND IT CANNOT BE USED FOR INSTALLATION OF PRODUCTS OTHER THAN SPECIFIED.
***ALL PHOTOMETRIC LAYOUTS, SUBMITTALS, AND QUOTES BY PERFORMANCE LIGHTING SYSTEMS AND OTHERS MUST BE PROVIDED AT THE TIME OF PURCHASE ORDER ENTRY. PERFORMANCE LIGHTING SYSTEMS IS NOT RESPONSIBLE FOR ANY DISCREPANCIES IN PROVIDED PRODUCT DOCUMENTS.

www.performanceltg.com

Phone: (949) 878-9000 Fax: (949) 878-9001

5 Jenner Suite 130 Irvine, CA 92618

POINT-BY-POINT CALCULATION

Illuminance at Grade (Footcandles), unless otherwise specified.

performance

lighting systems