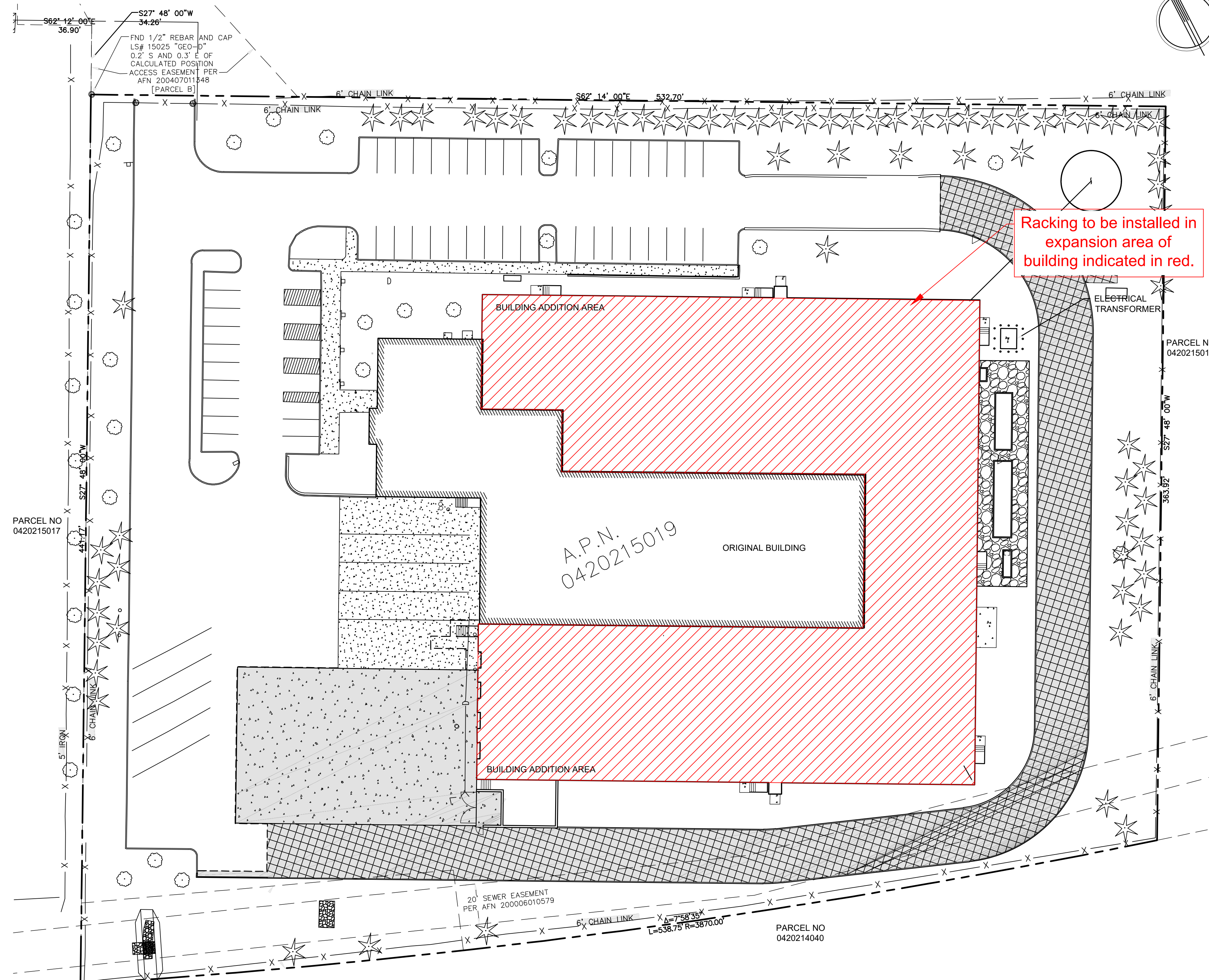




City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic



Racking to be installed in expansion area of building indicated in red.

REV. NO.	DESCRIPTION	REV. DATE	REV. BY
1	INITIAL RELEASE	03.03.2025	ERS
2	PC COMMENTS		

CUSTOMER: **PRCTI20250149**  
**COASTAL PACIFIC**  
322 VALLEY AVE NW  
PUYALLUP WA 98371

SHEET NAME:  
**SITE PLAN VIEW**  
(REFERENCE ONLY)

STRUCTURAL STAMP  
**FOR REFERENCE ONLY**

DATE:	24.11.05
SCALE:	NTS
DRAWN BY:	ERS
PROJECT #:	101034303
SHEET NUMBER:	SS2
REV:	1

**A SITE PLAN - FOR REFERENCE**  
Scale: NTS

All dimensions are to be field verified by the customer. Raymond West assumes no responsibility for incorrect dimensions, location of lights or other equipment outside of Raymond West's scope of work.  
This drawing is the property of Raymond West and is to be used only by the party described in the "Customer" section and then only in connection with the purchase of one or more Raymond West products or services or systems. Copying in part or as a whole is prohibited. This is subject to a Confidentiality Agreement between Raymond West and the party described under "Customer".

City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

**RAYMOND WEST**  
INTRALOGISTICS SOLUTIONS

https://raymondwest.com

SPOKANE, WA  
11002 E MONTGOMERY DR  
SPOKANE, WA 99206  
PHONE: 509.728.6000

**Revision Notes:**

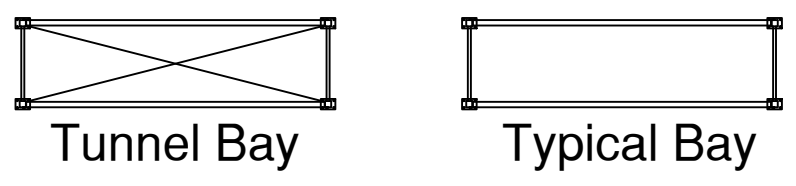
- (5) additional configurations added to account for tunnel bays located at exits; these bays now have no beam levels until at least 8' AFF to allow for egress from facility, and are marked on this layout sheet.
- Bays on this layout are now identified as either, -S (single row), -D (double row), or -T (tunnel bay / single row) to match structural calculations and details.

**Project Narrative**

Scope of work is the installation of Types A-O racking as well as associated high piled storage of class III commodities (frozen food product) to a maximum of 40' on racking. High piled storage area is 38,403 SF.

**Racking Notes**

**Types of Bays:** Bays labeled on this sheet as Types A - S.  
**Structural Details:** Please see sheets by Seismic Engineering, Inc.  
**Elevation Views:** See sheet SS4.  
**Tunnel Bays:** Bays marked with "X" as shown below will be tunnel bays allowing pedestrian travel underneath first beam level. No floor storage allowed within these bays.



**General High Piled Information**

**Commodity Class, Product Stored:** Class III Commodities, Frozen Food Product  
**Maximum Proposed Storage Height:** 40'-0"  
**Sprinkler Density:** K25.2 @ 50psi  
**High Piled Storage Area:** 38,403 SF  
**Facility Access:** Facility is not open to the public.  
**Aisle Size:** 6' and above.  
**Type of Storage:** single-row and double-row racking.  
**Encapsulation:** No encapsulation.  
**Shelving Type:** Non Solid.

**Sprinkler Compliance**

**Sprinkler Compliance:** Sprinkler system basis of design: K25.2 heads @ min 50. psi. Designed per FM 2.2.3.2 Table 14B for class III storage up to 40' in a max. 45' ceiling height area.

**High Piled Storage Requirements - Table 3206.2**

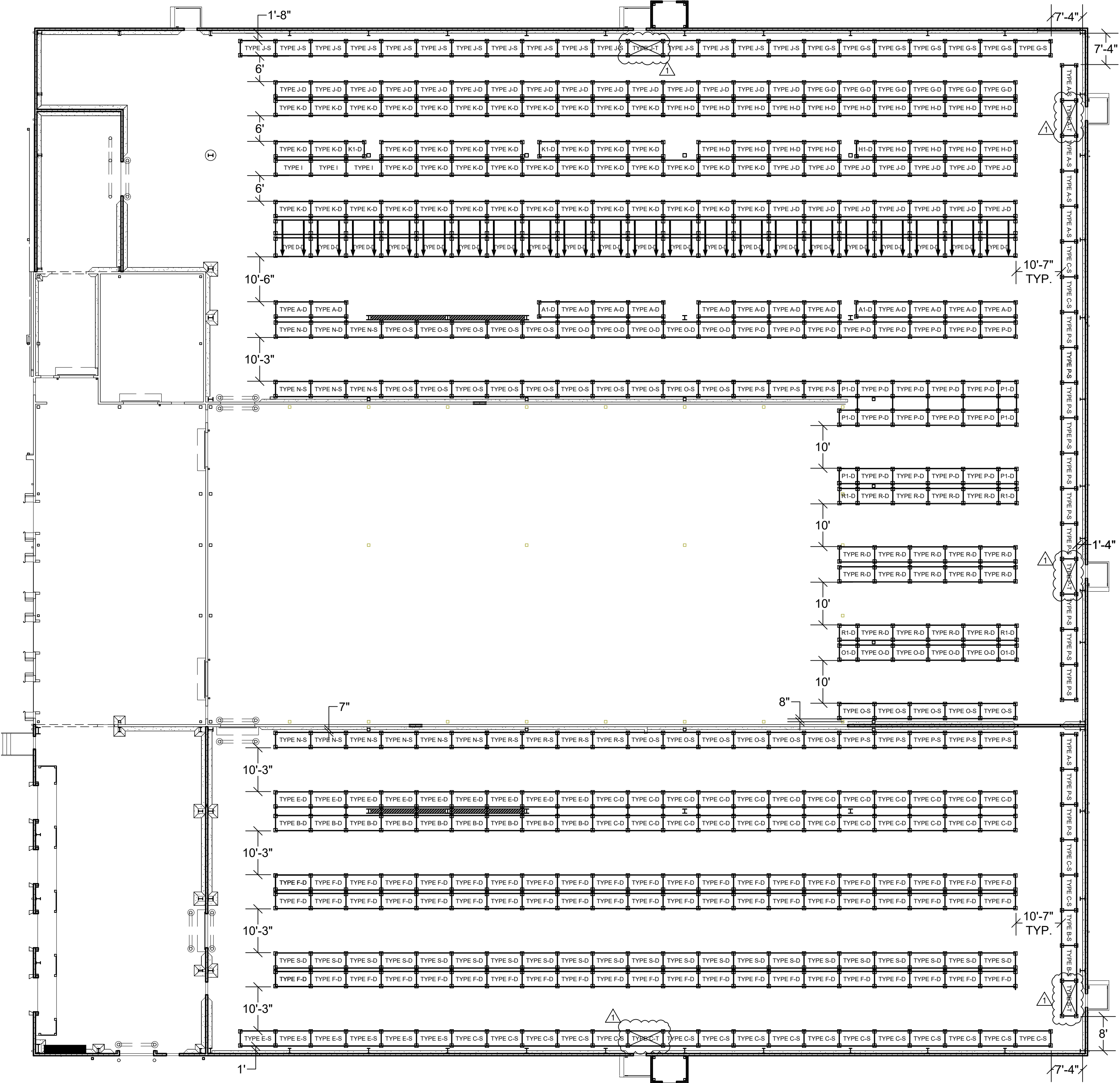
Based on "Class I-IV commodities, 12,001-500,000 SF":  
**Automatic Fire Extinguishing System:** Required and provided.  
**Fire Department Access Doors:** Required and provided.  
**Fire Detection System:** Not required.  
**Smoke and Heat Removal:** Not Required due to presence of ESFR sprinkler system.

**Additional High Piled Storage Notes**

**Fire Extinguisher Requirements:** Fire extinguishers with a minimum rating of 4A:60B:C shall be provided in accordance with IFC Sections 3206.11 and 906. Fire extinguisher layout shown on reference sheet LS-101.  
**Flue Spaces:** Per IFC Table 3208.3, based on storage heights <25': 3" transverse flue spaces required and 6" longitudinal flue spaces required.  
**Sprinkler Clearance:** 36" between top of load and sprinkler deflectors  
**Idle Pallets:** There will be no idle pallet storage in proposed high piled storage area.  
**Hazardous Materials:** There will be no hazardous materials stored in high piled storage area.  
**Housekeeping and Maintenance:** Housekeeping and maintenance within the storage areas shall meet the minimum requirements of IFC Section 3205.  
 Section 3205.1. The structural integrity of racks shall be maintained.  
 Section 3205.2. Clearance from ignition sources shall be provided in accordance with Section 305.  
 Section 3205.3. Smoking shall be prohibited. Approved "no smoking" signs shall be conspicuously posted in accordance with Section 310.  
 Section 3205.4. When restocking is not being conducted, aisles shall be kept clear of storage, waste material and debris. Fire department access, aisles and exit doors shall not be obstructed. During restocking operations using manual stocking methods, a minimum unobstructed aisle width of 24 inches shall be maintained in 48-inch or smaller aisles, and a minimum unobstructed aisle width of one-half of the required aisle width shall be maintained in aisles greater than 48 inches. During unobstructed stocking operations, a minimum unobstructed aisle width of 44 inches shall be maintained in accordance with Section 3206.10.  
 Section 3205.6. Where required by the fire code official, a visual method of indicating the maximum allowable storage height shall be provided.  
 Section 3205.8. Flue spaces shall comply with Section 3208.3.

**Egress Notes**

1. Please see reference sheet LS-101 for egress plan, which includes racking footprint and fire extinguisher locations.



**A SCOPE OF WORK - FLOOR PLAN**  
Scale: NTS

REV. NO.	DESCRIPTION	REV. DATE	REV. BY
1	INITIAL RELEASE	03.03.2025	ERS
2	FC COMMENTS		

CUSTOMER: **PRCTI20250149**

**COASTAL PACIFIC**

322 VALLEY AVE NW  
PUYALLUP WA 98371

SHEET NAME:  
**RACKING FLOOR PLAN**

STRUCTURAL STAMP

PAUL J. FAREHN  
REGISTERED PROFESSIONAL ENGINEER  
EXPIRES 04-12-2026

All dimensions are to be field verified by the customer. Raymond West assumes no responsibility for incorrect dimensions, location of lights or other equipment outside of Raymond West's scope of work.

This drawing is the property of Raymond West and is to be used only by the party mentioned in the "Customer" section and then only in connection with the purchase of use of Raymond West products, services or systems. Copying in part or as a whole is prohibited. This is subject to a Confidentiality Agreement between Raymond West and the party mentioned under "Customer".

DATE:	24.11.05
SCALE:	1/16" = 1'-0"
DRAWN BY:	ERS
PROJECT #:	101034303
SHEET NUMBER:	SS3
REV:	1

- Revision Notes:
- (5) additional configurations added to account for tunnel bays located at exits; these bays now have no beam levels until at least 8' AFF to allow for egress from facility.
  - Regarding naming of configurations, the -S and -D suffixes in structural calculations and layout sheet SS3 refer to single row (-S) and double row (-D) versions of engineering from Seismic Inc. For example, Type A shown on this sheet will correspond to Type A-S and Type A-D in structural calculations and layout. This does not apply to the tunnel bays, which have suffix -T and are single row only.
  - Periodic special inspection is required during anchor installation.

City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

**RAYMOND WEST**  
INTRALOGISTICS SOLUTIONS

<https://raymondwest.com>

SPOKANE, WA  
11002 E MONTGOMERY DR  
SPOKANE, WA 99206  
PHONE: 509.728.6000

REV. NO.	DESCRIPTION	REV. DATE	REV. BY
1	INITIAL RELEASE	03.03.2025	ERS
2	FC COMMENTS		
3			
4			
5			
6			
7			
8			
9			
10			

CUSTOMER: **PRCTI20250149**

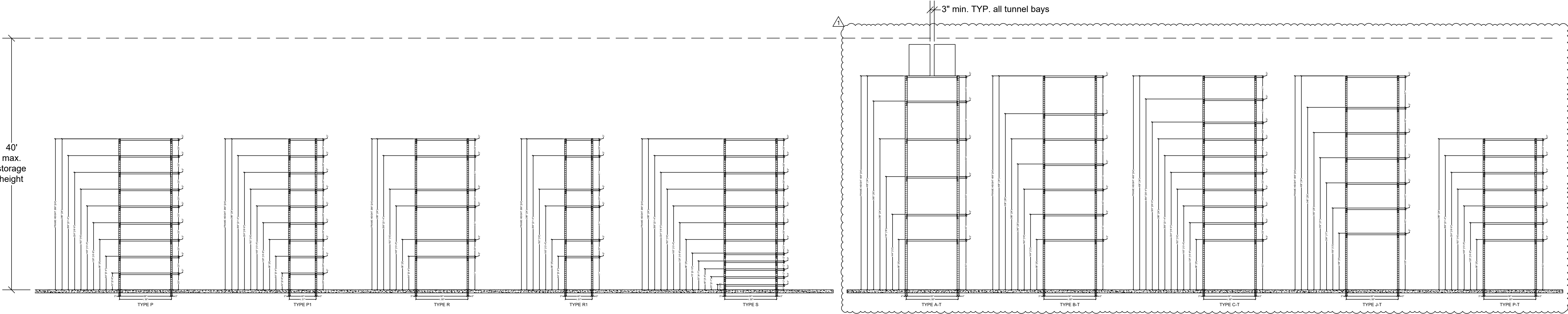
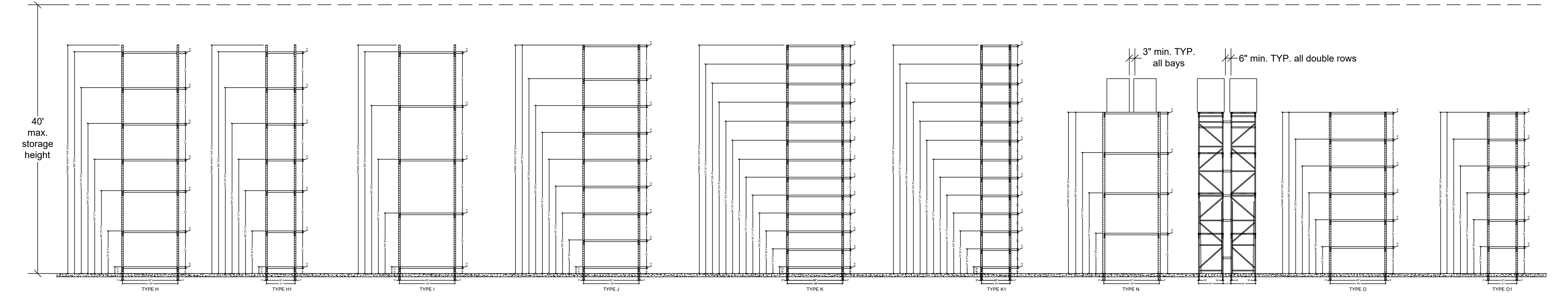
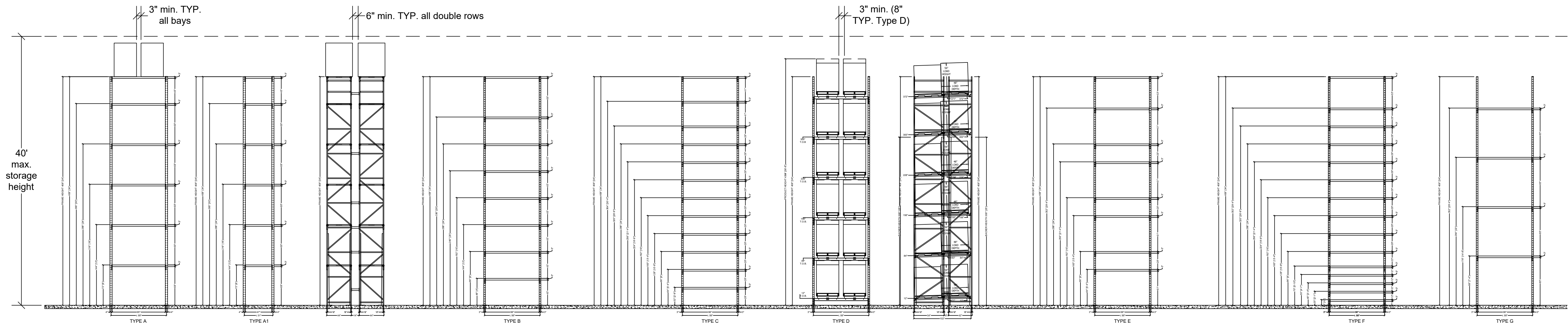
**COASTAL PACIFIC**

322 VALLEY AVE NW  
PUYALLUP WA 98371

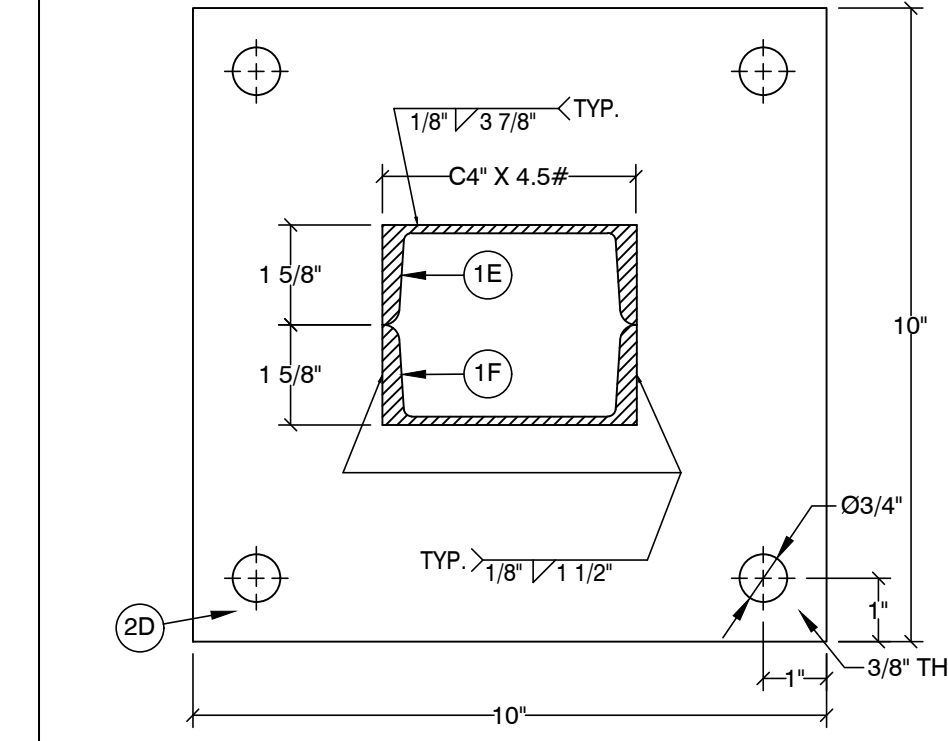
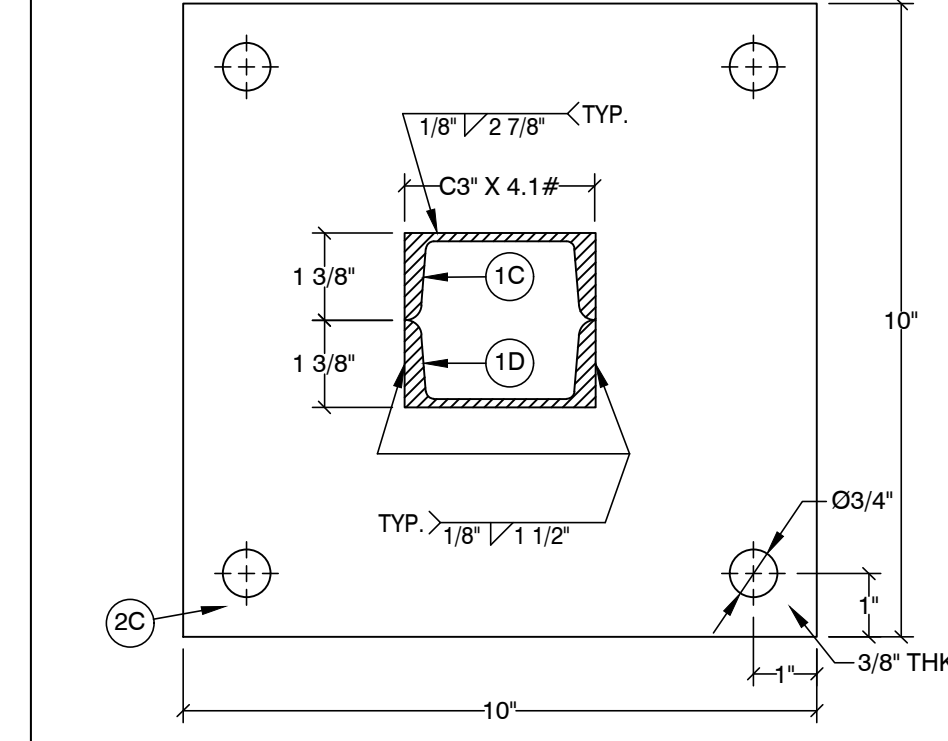
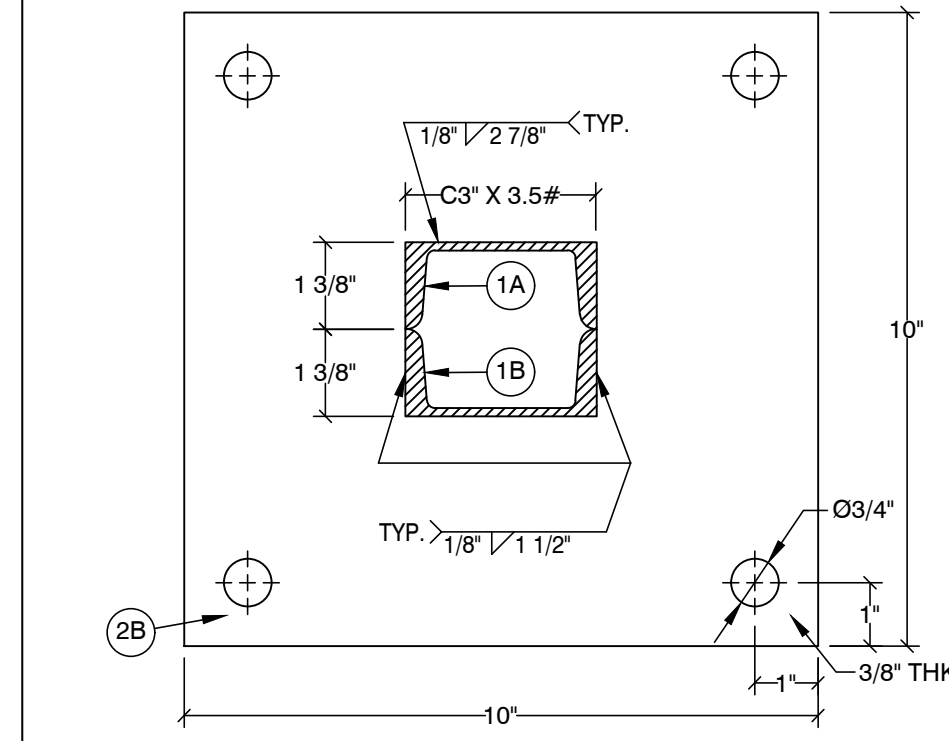
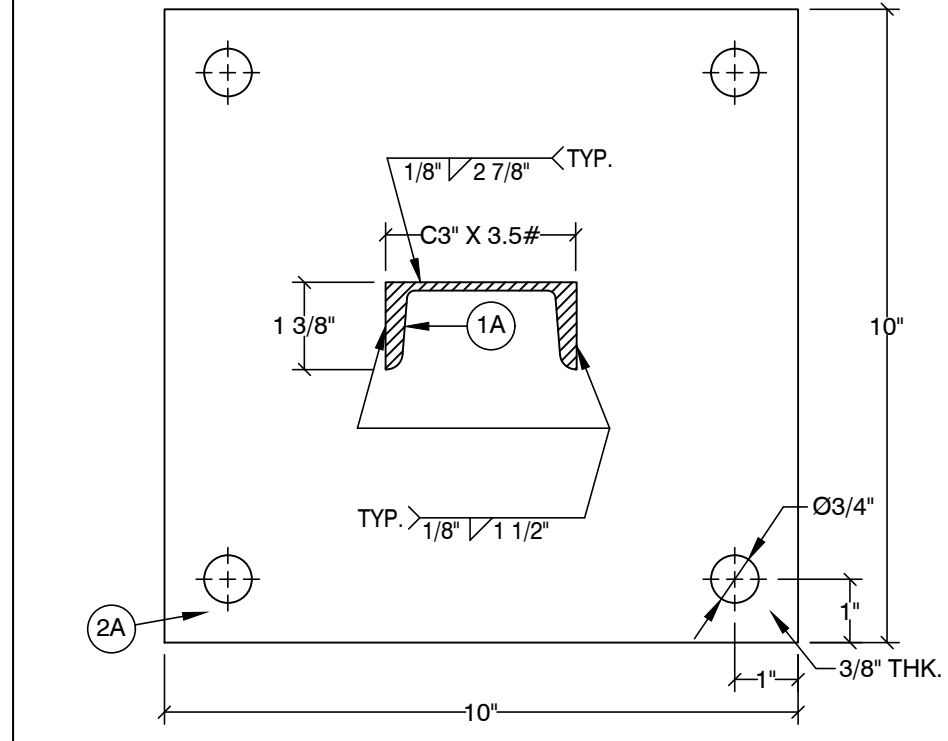
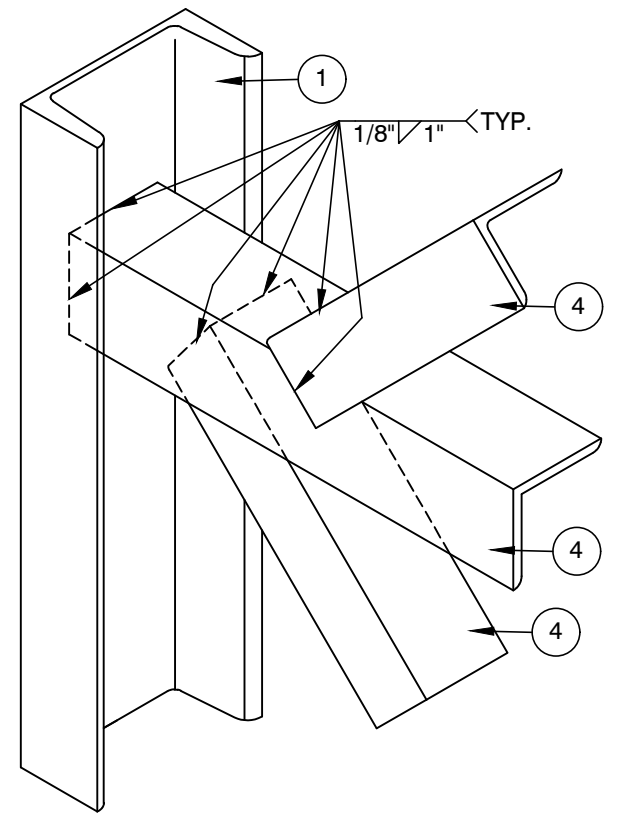
SHEET NAME: **ELEVATION VIEWS**

STRUCTURAL STAMP

DATE: 24.11.05  
SCALE: 1/8" = 1'-0"  
DRAWN BY: ERS  
PROJECT #: 101034303  
SHEET NUMBER: **SS4**  
REV: **1**



**A** ELEVATION VIEWS  
Scale: 1/8" = 1'-0"



**NOTES:**  
 1. DESIGNED PER SECTION 2209 OF THE 2021 IBC.  
 Fa = 1.0 & Ss = 1.28.  
 SEISMIC DESIGN CATEGORY: D.  
 2. STORAGE CAPACITY: SEE ELEVATIONS ON DWG: 25-0106-B & 25-0106-C.  
 3. STEEL: ASTM A1011 FOR SHAPE Fy = 50,000 PSI GRADE 50.  
 4. ALL BOLTS: A307 (UNLESS OTHERWISE NOTED).  
 5. ANCHORS: HILTI KWIK BOLT T22, ICC #ESR-4266 OR DEWALT POWER-STUD+SD2, ICC #ESR-2502.  
 6. PERIODIC SPECIAL INSPECTION IS REQUIRED DURING ANCHOR INSTALLATION.  
 7. CONCRETE: 8" THICK x 4,000 PSI.  
 8. MODULUS OF SUB-GRADE REACTION: 50 PCF. (DISTURBED SOIL: 500 PSF)  
 9. THE MAXIMUM TOP TO BOTTOM OUT-OF-PLUMB RATIO AND OUT-OF-STRAIGHT RATIO RACK COLUMN IS 1/240 (FOR EXAMPLE 1/2" PER 10 FEET OF HEIGHT). COLUMN WHOSE OUT-OF-PLUMB RATIO OR OUT-OF-STRAIGHT RATIO EXCEEDS THIS LIMIT SHALL BE UNLOADED AND RE-PLUMBED. ANY DAMAGED PARTS MUST BE REPAIRED OR REPLACED.  
 10. THE OWNER SHALL MAINTAIN THE STRUCTURAL INTEGRITY OF THE RACK SYSTEM BY ASSURING PROPER OPERATIONAL, HOUSE KEEPING, AND MAINTENANCE PROCEDURES, BUT NOT LIMITED TO, THE FOLLOWING:  
 A) PROHIBIT ANY OVER LOADING OF ANY PALLET POSITIONS AND OF THE OVERALL RACK SYSTEM.  
 B) REGULARLY INSPECT FOR DAMAGE. IF DAMAGE IS FOUND, IMMEDIATELY UNLOAD THE AFFECTED AREA AND REPLACE OR REPAIR ANY DAMAGED COLUMNS, BEAMS, OR OTHER STRUCTURAL COMPONENTS.  
 C) REQUIRE ALL PALLETS TO BE MAINTAINED IN GOOD, SAFE OPERATING CONDITION.  
 D) ENSURE THAT PALLETS ARE PROPERLY PLACED ONTO PALLET LOAD SUPPORT MEMBERS IN PROPERLY STACKED AND STABLE POSITION.  
 E) REQUIRE THAT ALL GOODS STORED ON EACH PALLET TO BE PROPERLY STACKED AND STABLE.  
 F) PROHIBIT DOUBLE STACKING OF ANY PALLET POSITION, INCLUDING THE TOP MOST POSITION, UNLESS THE RACK SYSTEM IS SPECIFICALLY DESIGNED FOR SUCH LOADING.  
 G) ENSURE THAT THE RACKS ARE NOT MODIFIED OR REARRANGED IN A MANNER NOT WITHIN THE ORIGINAL DESIGN CONFIGURATIONS.

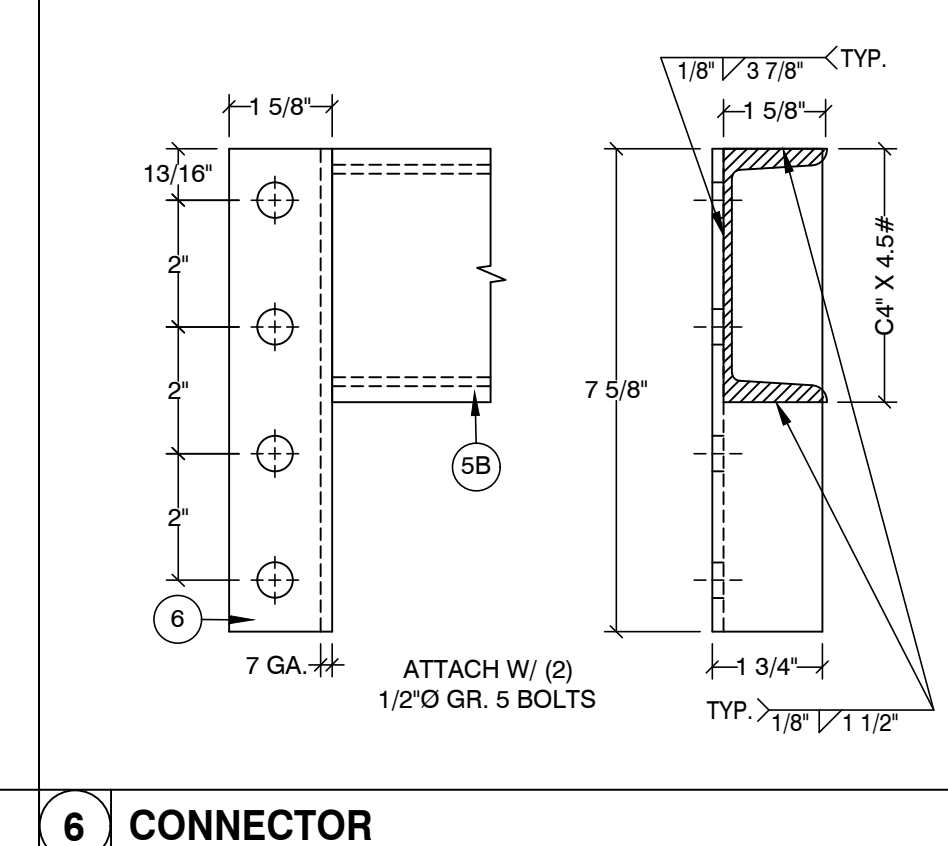
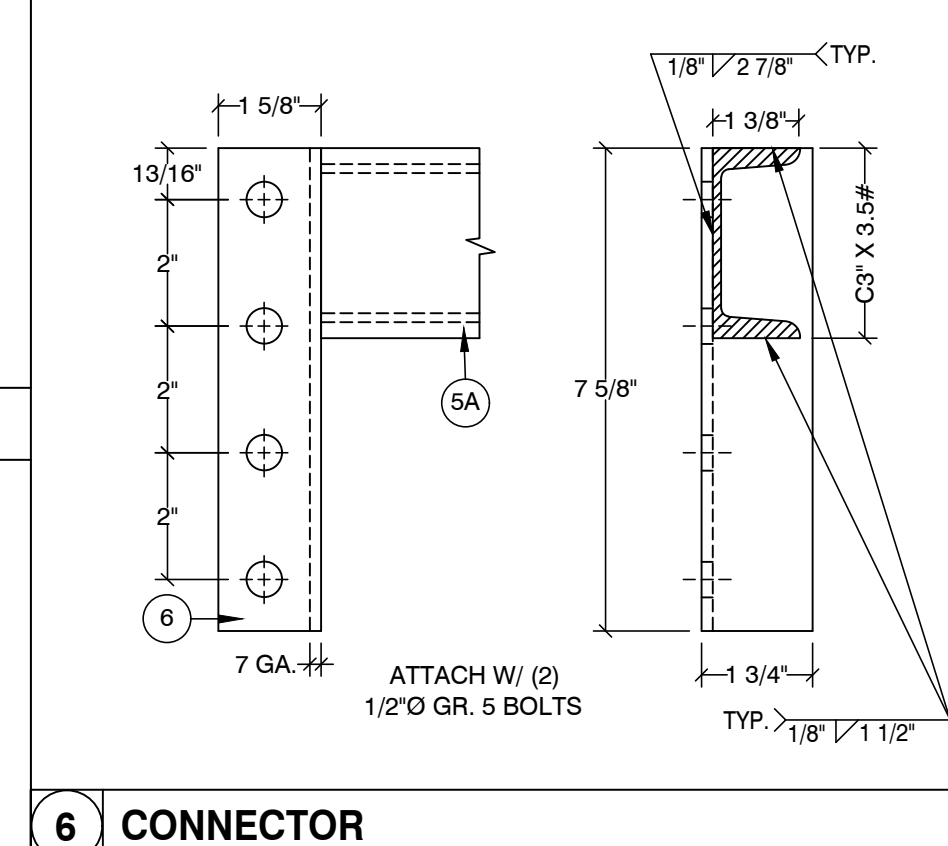
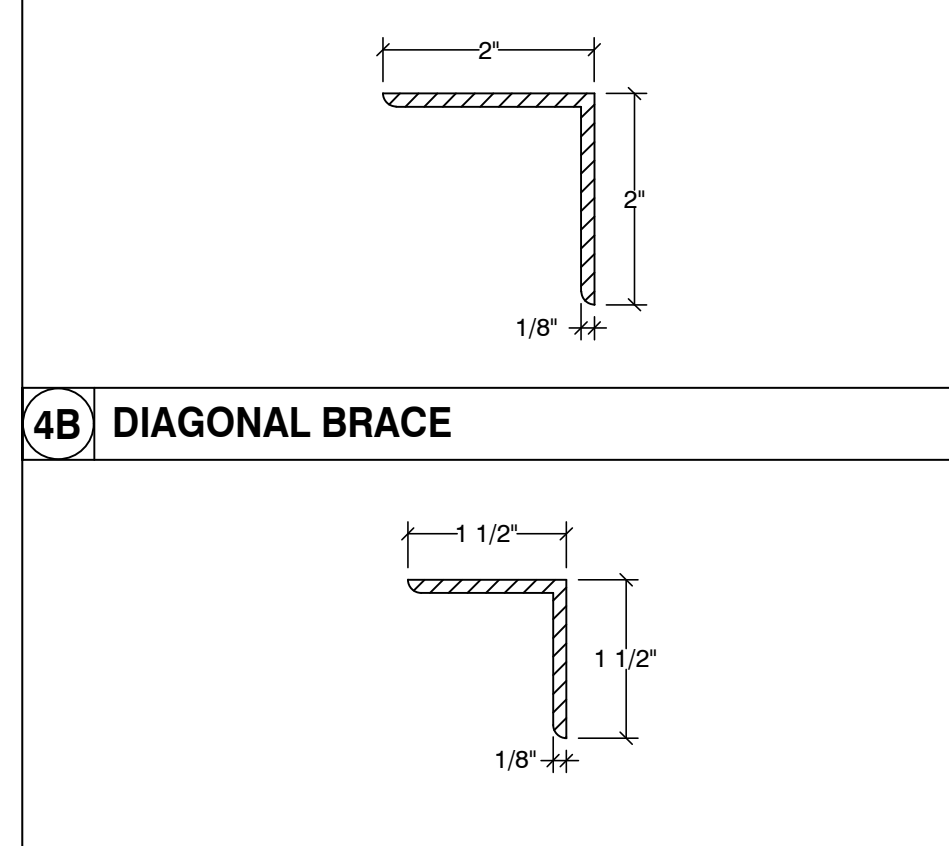
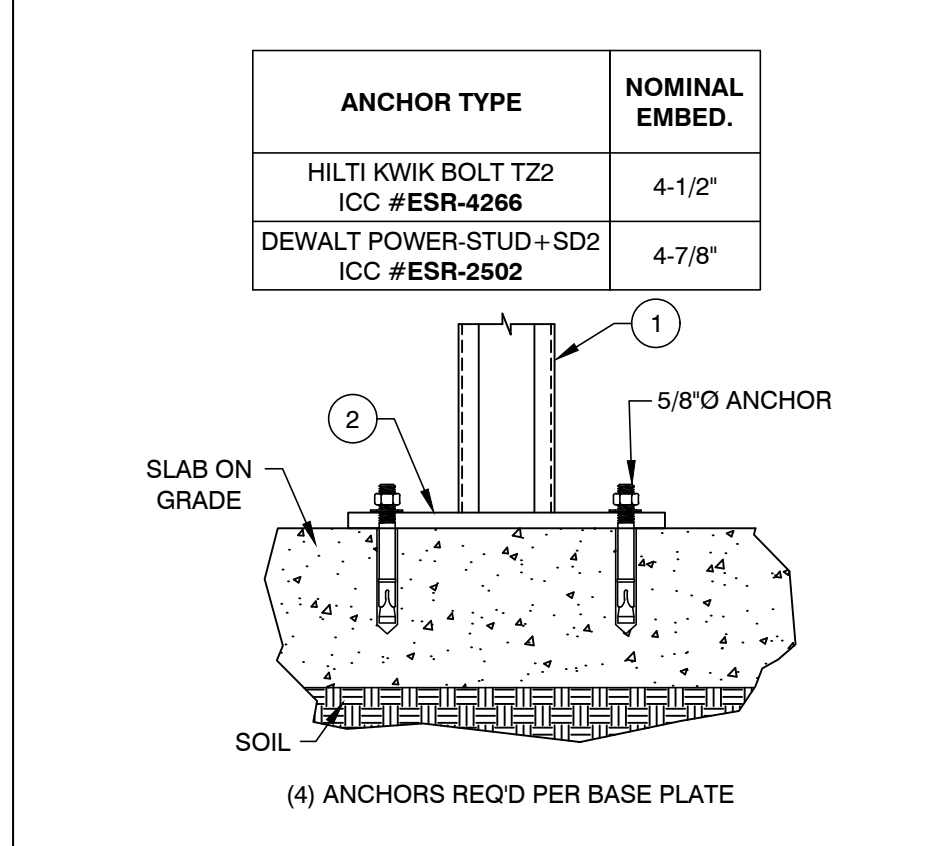
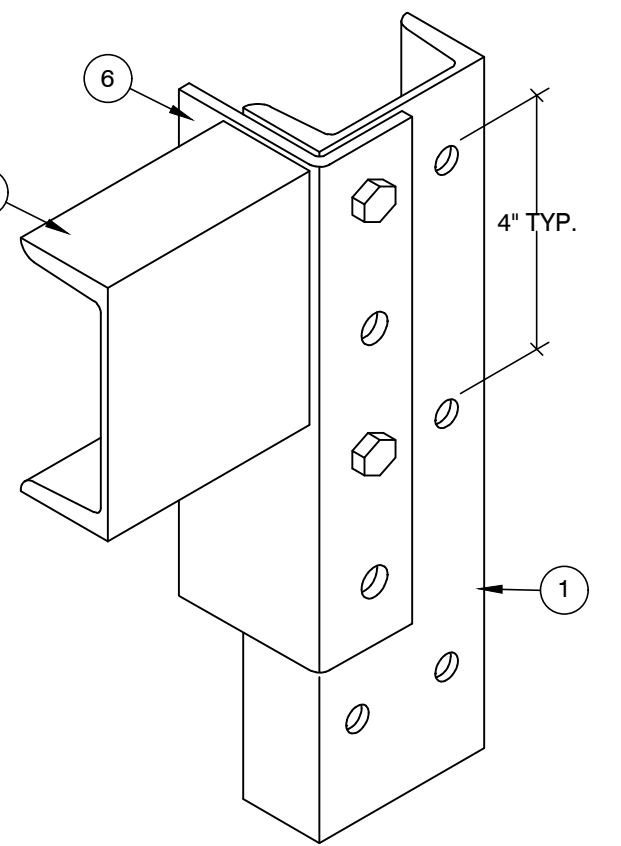
**V-A TYPICAL BRACE TO COLUMN CONNECTION**

**2A BASE PLATE**  
**1A COLUMN**

**2B BASE PLATE**  
**1A COLUMN** **1B BACKER**

**2C BASE PLATE**  
**1C COLUMN** **1D BACKER**

**2D BASE PLATE**  
**1E COLUMN** **1F BACKER**



Welding to be done by an individual or fabricator who is WABO certified or approved by the Building Official to perform the work. All welds must be inspected and approved by a WABO certified special inspector.

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

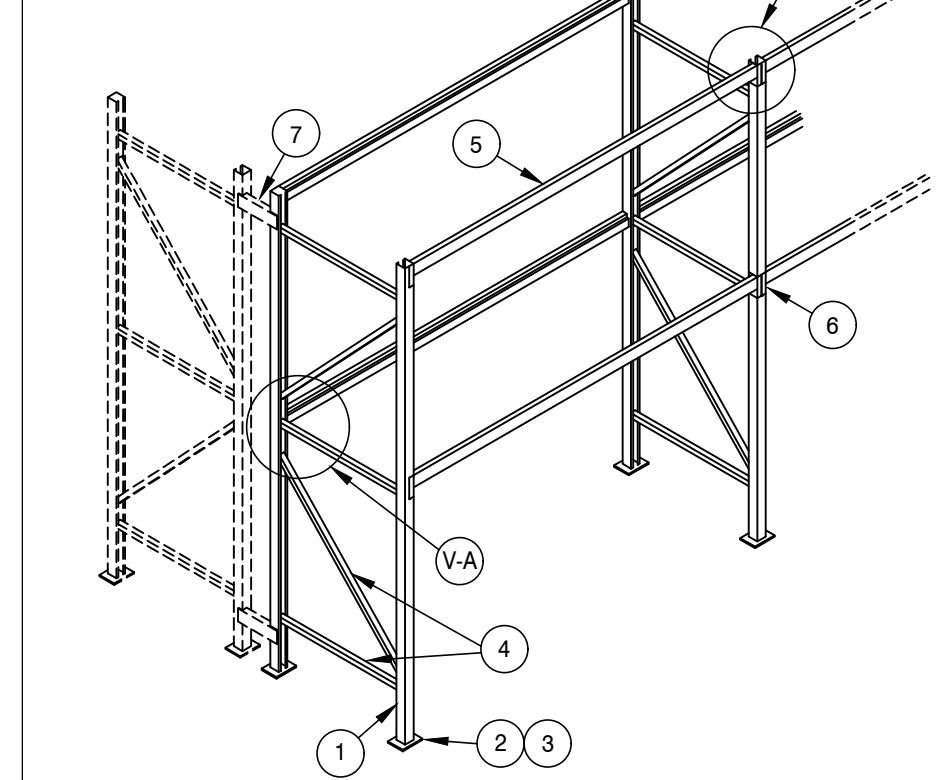
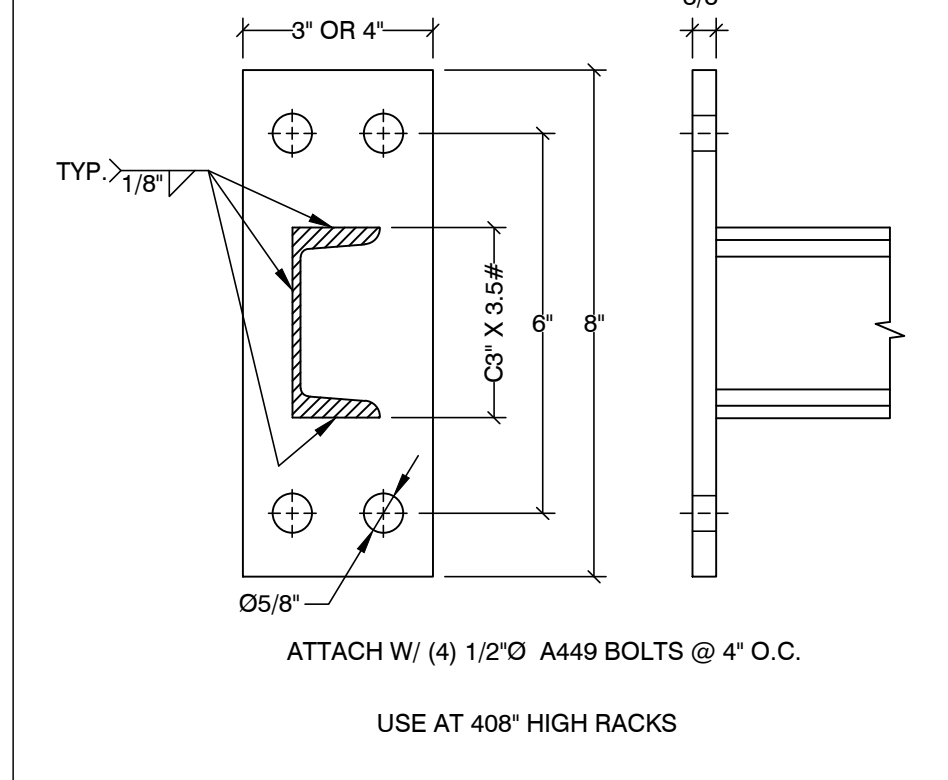
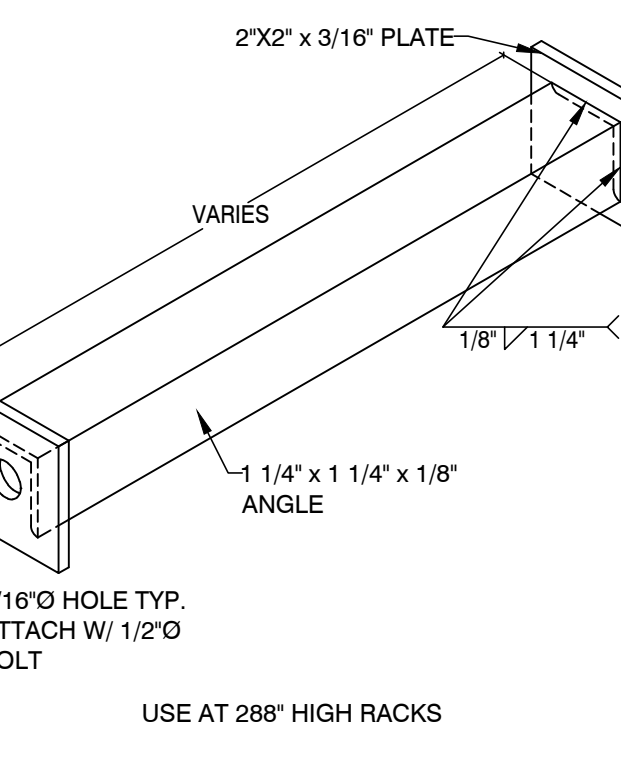
**V-B TYPICAL BEAM TO COLUMN CONNECTION**

**3 ANCHOR**

**4A HORIZONTAL & DIAGONAL BRACE**

**6 CONNECTOR**  
**5A BEAM**

**6 CONNECTOR**  
**5B BEAM**



**7A ROW SPACER**

**7B H.D. ROW SPACER**

**GENERAL CONFIGURATION**

SEE ELEVATIONS ON DWG: 25-0106-B & 25-0106-C





**PROJECT DATA**

PROJECT SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE REQUIREMENTS OF ALL GOVERNING CODES, STANDARDS, REGULATIONS, AND LOCAL AUTHORITIES, INCLUDING BUT NOT LIMITED TO THE 2018 WASHINGTON STATE BUILDING CODE, 2018 WASHINGTON STATE FIRE CODE AND 2018 WASHINGTON STATE ENERGY CODE.

CONSTRUCTION CLASSIFICATION: (EXISTING TO REMAIN)  
TYPE II-B (§602.2)

OCCUPANCY CLASSIFICATIONS: (EXISTING TO REMAIN)  
GROUP B - BUSINESS (§304.1)  
GROUP S-1 - MODERATE HAZARD STORAGE (§311.2)  
NON-SEPARATED, MIXED USE (§309.3)

SPRINKLER SYSTEM: FULLY SPRINKLERED SYSTEM COMPLYING WITH NFPA 13.

BUILDING AREA: 19,873 SQ. FT. (EXISTING)  
43,743 SQ. FT. (PROPOSED ADDITION)  
63,616 SQ. FT. (TOTAL)

BUILDING HEIGHT: 45.08 FT. - 1 STORY

ALLOWABLE AREA: 70,000 SQ. FT./STORY (T508.2)

ALLOWABLE HEIGHT: 75.00 FT. - 3 STORIES (T504.3 & T504.4)

BUILDING ELEMENT FIRE RESISTANCE RATINGS: 0 HOURS (T601 & T802)

OCCUPANCY LOAD (T1004.5):  
BUSINESS AREA: 4,147 SQ. FT. / 150 SQ. FT. = 28 OCCUPANTS  
STORAGE AREA: 59,496 SQ. FT. / 500 SQ. FT. = 119 OCCUPANTS  
TOTAL: = 147 OCCUPANTS

EXIT ACCESS TRAVEL DISTANCE (T1012.2):  
GROUP B: 300 FT.  
GROUPS S-1: 250 FT.

EXIT/EXIT ACCESS SEPARATION: 1/3 MAXIMUM DIAGONAL DIMENSION (§1007.1.1-EXC. 2)

COMMON PATH OF TRAVEL: 100 FT. (T1008.2.1)

DEAD END CORRIDOR: 50 FT. (§1020.4-EXC. 2)

FIRE EXTINGUISHERS: 75 FT. MAXIMUM TRAVEL DISTANCE (T906.3(1))

HIGH-PILED COMBUSTIBLE STORAGE (2018 WASHINGTON STATE FIRE CODE - §3303 & T3206.2):  
COMMODITY CLASS: 1/1  
STORAGE AREA: 12,001-500,000 SQ. FT.  
FIRE EXTINGUISHING SYSTEM: REQUIRED  
FIRE DETECTION SYSTEM: NOT REQUIRED  
FIRE DEPT. ACCESS DOORS: REQUIRED  
SMOKE & HEAT REMOVAL: NOT REQUIRED (AREAS TO BE PROTECTED BY ESFR SPRINKLER SYSTEM)

**FIRE EXTINGUISHERS & CABINETS**

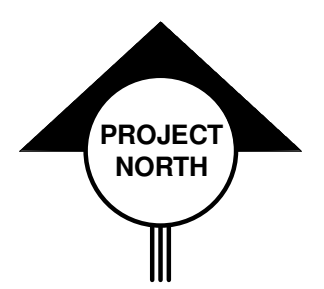
CLASS A-B-C FIRE EXTINGUISHERS SHALL BE MULTI-PURPOSE DRY CHEMICAL EXTINGUISHERS IN ENAMELED STEEL CONTAINERS WITH A MINIMUM 10-POUND NOMINAL CAPACITY AND A MINIMUM RATING OF 4-A:80-B:C, EQUAL TO "MP SERIES" BY LARSEN'S MANUFACTURING CO. CLASS K FIRE EXTINGUISHERS SHALL BE WET CHEMICAL EXTINGUISHERS IN STAINLESS STEEL CONTAINERS WITH A MINIMUM 2.5 GALLON CAPACITY AND A MINIMUM RATING OF 2-K, EQUAL TO "WC SERIES" BY LARSEN'S MANUFACTURING CO. FIRE EXTINGUISHERS SHALL CONFORM TO THE REQUIREMENTS OF NFPA 10.

FIRE EXTINGUISHER CABINETS SHALL BE SEMI-RECESSED, WITH COLD-ROLLED STEEL SHEET CABINET PROVIDING 2-1/2" ROLLED EDGE, CLEAR ANODIZED ALUMINUM CABINET TRIM AND DOOR, VERTICAL DUO PANEL DOOR STYLE WITH CLEAR ACRYLIC GLAZING AND VERTICAL, BLACK, PRESSURE-SENSITIVE DIE-CUT "FIRE EXTINGUISHER" LETTERING, AND MANUFACTURER STANDARD DOOR HARDWARE, EQUAL TO ARCHITECTURAL SERIES BY LARSEN'S MANUFACTURING CO.

EXTINGUISHERS SHALL BE SECURELY MOUNTED TO THE WALL WITH BRACKETS OR SECURED WITH CABINETS SIZED PER MANUFACTURER RECOMMENDATIONS AS INDICATED ON DRAWINGS. IF MACHINERY OR OTHER OBJECTS WOULD HAMPER ACCESS TO AN EXTINGUISHER IN THE LOCATION SHOWN, THE EXTINGUISHER SHALL BE RELOCATED TO A LOCATION PROVIDING FREE ACCESS. DO NOT RELOCATE THE EXTINGUISHER MORE THAN 10 FEET FROM THE LOCATION SHOWN.

EXTINGUISHERS HAVING WEIGHTS NOT EXCEEDING FORTY POUNDS SHALL BE MOUNTED WITH THE TOP OF EXTINGUISHER AT 4'-0" MAXIMUM ABOVE THE FLOOR. EXTINGUISHERS EXCEEDING FORTY POUNDS IN WEIGHT SHALL BE MOUNTED WITH THE TOP OF EXTINGUISHER AT 3'-6" MAXIMUM ABOVE THE FLOOR. EXTINGUISHERS OR CABINETS PROTRUDING MORE THAN FOUR INCHES FROM WALLS SHALL BE MOUNTED WITH THEIR LEADING EDGE AT OR BELOW 27 INCHES ABOVE THE FLOOR. IN NO CASE SHALL THE CLEARANCE BETWEEN THE BOTTOM OF EXTINGUISHER AND FLOOR BE LESS THAN FOUR INCHES.

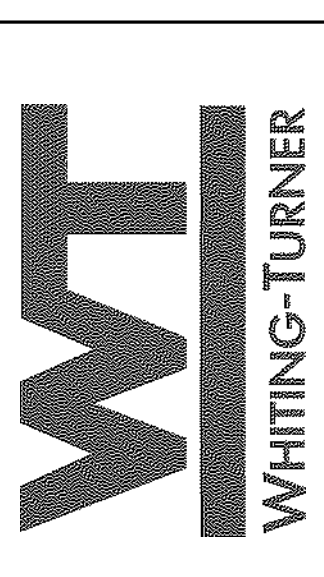
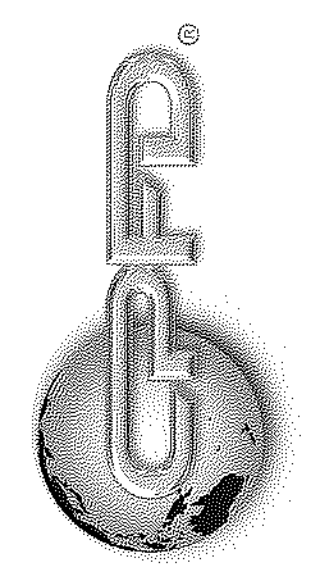
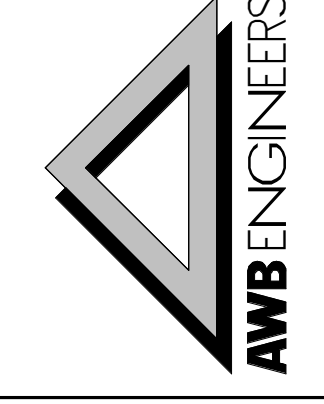
REV	DESCRIPTION
A <td>ISSUED FOR PERMIT</td>	ISSUED FOR PERMIT
B <td>ISSUED FOR PERMIT</td>	ISSUED FOR PERMIT



**PRCT120250149**  
ENGINEERS / ARCHITECTS

1042 NORTHWOOD DRIVE SALESBURY, MARYLAND 21081-7024  
PH: (410) 742-7299 FAX: (410) 742-9272

COPYRIGHT © 2023 ANDREW W. BROTHER & ASSOCIATES, INC.



**LIFE SAFETY PLAN**

**FREEZER EXPANSION**  
PUYALLUP, WASHINGTON

SCALE: As indicated  
DRAWN: CAS  
PROJ.MGR: MRS  
JOB: 221205  
SHEET: LS-101

City of Puyallup  
Development & Permitting Services

ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

22038278 REGISTERED ARCHITECT  
LAYNE S. BYNUM  
STATE OF WASHINGTON  
28 JUN 2024

**LEGEND**

- EXIT ACCESS TRAVEL PATH
- EX EXIT / EXIT ACCESS DOOR
- EXIT DISCHARGE
- FIRE EXTINGUISHER - BRACKET MOUNTED

NOTE: EMERGENCY EXIT LIGHTING AND EXIT SIGNAGE TO BE PROVIDED AS REQUIRED BY CODE. LOCATION AND QUANTITY OF FIRE EXTINGUISHERS TO BE ADJUSTED AS REQUIRED BY THE FIRE MARSHAL.

