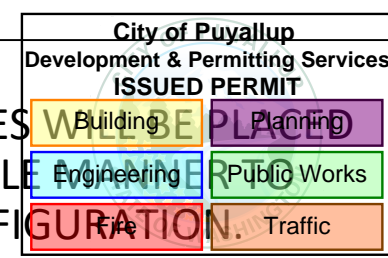


GENERAL NOTES:

- A. STORAGE CAPACITY SIGNS**
- PER RMI 1.4.2, ONE OR MORE PLAQUES CONSPICUOUSLY IN CLEAR AND LEGIBLE IDENTIFY EACH DIFFERENT RACK CONFIGURATION.
 - EACH PLAQUE TO BE A MINIMUM OF 50 SQUARE INCHES. IT IS THE OWNERS RESPONSIBILITY TO ENSURE THE RACK SYSTEM IS NOT ALTERED SO THAT THE PLAQUE INFORMATION IS INVALIDATED.
 - EACH PLAQUE TO DISPLAY:
 - THE MAXIMUM PERMISSIBLE LOAD AND/OR THE MAXIMUM DISTRIBUTED LOAD PER LEVEL
 - THE AVERAGE LOAD IF APPLICABLE AND
 - MAXIMUM TOTAL LOAD PER BAY.
- B. ANCHORING/HARDWARE**
- PER IBC, SPECIAL INSPECTION IS REQUIRED FOR THE INSTALLATION OF ANCHOR BOLTS.
 - ANCHOR SIZE, PLACEMENT, AND EMBEDMENT SPECIFIED BY A LICENSED PROFESSIONAL STRUCTURAL ENGINEER.
 - PER IBC, PERIODIC SPECIAL INSPECTION IS REQUIRED FOR THE INSTALLATION OF CONCRETE ANCHOR BOLTS OF STORAGE RACKS 8 FEET OR GREATER FOR STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORIES D, E, OR F.
 - HARDWARE OTHER THAN ANCHORS TO BE SPECIFIED BY A LICENSED PROFESSIONAL STRUCTURAL ENGINEER.
- C. MAINTENANCE**
- THE OWNER SHALL MAINTAIN THE STRUCTURAL INTEGRITY OF THE RACK SYSTEM BY ASSURING PROPER OPERATIONAL, HOUSEKEEPING, AND MAINTENANCE PROCEDURES, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - PROHIBIT ANY OVER LOADING OF ANY PALLET POSITIONS AND OF THE OVERALL RACK SYSTEM
 - REGULAR INSPECTIONS FOR DAMAGE. IF DAMAGED COLUMNS OR BEAMS ARE FOUND, IMMEDIATELY UNLOAD THE AFFECTED AREA AND REPLACE OR REPAIR ANY DAMAGED COLUMNS, BEAMS, OR OTHER STRUCTURAL COMPONENTS.
 - REQUIRE ALL PALLETS BE MAINTAINED IN GOOD, SAFE OPERATING CONDITION.
 - ENSURE THAT PALLETS ARE PROPERLY PLACED ONTO PALLET LOAD SUPPORT MEMBERS IN STACKED AND STABLE POSITIONS.
 - ALL GOODS STORED ON EACH PALLET ARE STACKED AND IN STABLE POSITIONS.
 - ENSURE THAT THE RACKS ARE NOT MODIFIED OR REARRANGED IN A MANNER NOT WITHIN THE ORIGINAL DESIGN CONFIGURATIONS.
 - IF CONFIGURATION CHANGES ARE REQUIRED, NEW STRUCTURAL ANALYSIS MUST BE PERFORMED TO ENSURE PROPER LOADING.
 - THE MAXIMUM TOP TO BOTTOM OUT-OF PLUMB RATIO AND OUT-OF STRAIGHT RATIO PER RACK COLUMN IS 1/240 (FOR EXAMPLE 1/2" PER 10 FEET OF HEIGHT). COLUMNS WHOSE OUT-OF-PLUMB RATIO OR OUT-OF-STRAIGHT RATIO EXCEEDS THIS LIMIT SHOULD BE UNLOADED AND RE-PLUMBED. ANY DAMAGES PARTS MUST BE REPAIRED OR REPLACED.
- E. CONFIGURATION CHANGES**
- THIS SET OF DRAWINGS SHOWS ALL THE PERMISSIBLE CONFIGURATIONS OF THESE COMPONENTS PER THIS PERMITTED DRAWING SET. OTHER CONFIGURATIONS MAY BE PERMITTED UPON REVIEW OF THE ENGINEER OF RECORD FOR THIS PROJECT AND REVISIONS TO THE DRAWING ACCORDINGLY.
 - ANY CHANGES TO THE CONFIGURATION OF THE RACK SYSTEM COMPONENTS INCLUDING RELOCATION OR REMOVAL OF THE SHELF BEAM OR ANY OTHER COMPONENTS WITHOUT PERMISSION IS NOT PERMITTED



STORAGE RACKING

TENANT IMPROVEMENT FOR:

RED DOT CORPORATION

2504 EAST MAIN AVE
PUYALLUP, WA 98372

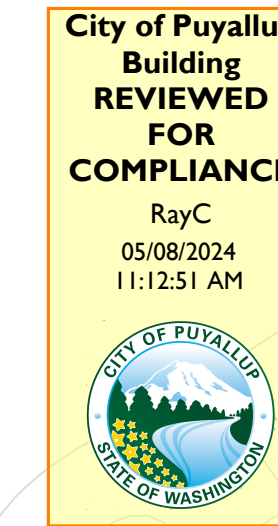
PROJECT OVERVIEW / GENERAL NOTES:

PROPOSED SCOPE OF WORK IS THE INSTALLATION OF STORAGE RACKING FOR TENANT REDDOT CORPORATION. THERE IS HIGH PILED STORAGE IN SCOPE: RACKING WILL HOLD ORDINARY HAZARD COMMODITIES TO A MAXIMUM HEIGHT OF 26'.

Revision ONLY for rack anchors.
Provide original plans on site with this set of plans.

Approval of submitted plans is not an approval of omissions or oversight by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable building codes and regulations of the local government.

THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.
PRINT in COLOR and to SCALE.



<p>VICINITY MAP</p>	<p>PROJECT/SITE INFORMATION</p> <table border="0"> <tr> <td>ASSESSORS PARCEL NUMBER</td> <td>2623049094</td> </tr> <tr> <td>TYPE OF CONSTRUCTION</td> <td>III-B</td> </tr> <tr> <td>NUMBER OF STORIES</td> <td>1</td> </tr> <tr> <td>OCCUPANCY</td> <td>F-1 AND S-1</td> </tr> <tr> <td>FIRE SPRINKLERED</td> <td>YES</td> </tr> <tr> <td>BUILDING AREA</td> <td>200,000</td> </tr> <tr> <td>WAREHOUSE SQ. FT.</td> <td>188,000</td> </tr> <tr> <td>OFFICE SQ. FT.</td> <td>8,500</td> </tr> <tr> <td>SCOPE SQ. FT.</td> <td>4,000</td> </tr> </table>	ASSESSORS PARCEL NUMBER	2623049094	TYPE OF CONSTRUCTION	III-B	NUMBER OF STORIES	1	OCCUPANCY	F-1 AND S-1	FIRE SPRINKLERED	YES	BUILDING AREA	200,000	WAREHOUSE SQ. FT.	188,000	OFFICE SQ. FT.	8,500	SCOPE SQ. FT.	4,000	<p>SHEET INDEX</p> <table border="0"> <tr> <th>SHEET #</th> <th>SHEET DESCRIPTION</th> </tr> <tr> <td>SS1</td> <td>TITLE SHEET</td> </tr> <tr> <td>SS2</td> <td>SITE PLAN</td> </tr> <tr> <td>SS3</td> <td>FLOOR PLAN</td> </tr> <tr> <td>SS4</td> <td>EGRESS LAN</td> </tr> <tr> <td>SS5</td> <td>SPRINKLER PLANS 1</td> </tr> <tr> <td>SS6</td> <td>SPRINKLER PLANS 2</td> </tr> <tr> <td>SS7</td> <td>STORAGE RACK DETAILS</td> </tr> </table>	SHEET #	SHEET DESCRIPTION	SS1	TITLE SHEET	SS2	SITE PLAN	SS3	FLOOR PLAN	SS4	EGRESS LAN	SS5	SPRINKLER PLANS 1	SS6	SPRINKLER PLANS 2	SS7	STORAGE RACK DETAILS	<p>PROJECT TEAM</p> <p>PROPERTY OWNER IDIL PUYALLUP AARON SCHERER 840 APOLLO ST, SUITE 343 EL SEGUNDO, CA 657-327-2441 AARON.SCHERER@IDILOGISTICS.COM</p> <p>CLIENT REDDOT CORPORATION 2504 EAST MAIN AVE PUYALLUP, WA 98372 206-575-3840</p> <p>CONTRACTOR: RAYMOND WEST 6607 287TH ST. AUBURN, WA 98001 PHONE: 1.888.820.8811</p> <p>ENGINEER: STRUCTURAL ENGINEERING & DESIGN INC. 1815 WRIGHT AVE. LA VERNE, CA 91750 909.596.1351</p>
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	<p>APPLICABLE CODES</p> <p>2021 INTERNATIONAL BUILDING CODE 2021 INTERNATIONAL FIRE CODE</p>	<p>DEFERRED SUBMITTALS</p>	<p>STRUCTURAL STAMP</p> <p>DATE: 04/08/2024 SCALE: NTS DRAWN BY: J. TOSTANOSKI PROJECT #: 100955050 SHEET NUMBER: SS1 REV: 0</p>																																		

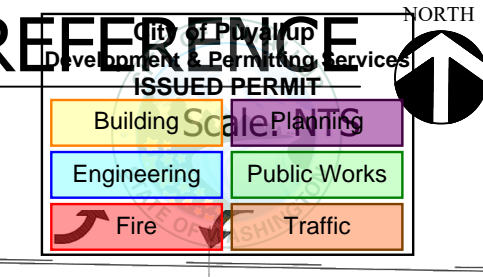
https://raymondwest.com
SEATTLE, WA
6607 287TH ST.
AUBURN, WA 98001
PHONE: 1.888.820.8811

REV. NO.	DESCRIPTION	REV. DATE	REV. BY
0	INITIAL RELEASE	04/08/2024	JON TOSTKI

CUSTOMER:
REDDOT CORPORATION
2504 EAST MAIN AVENUE
PUYALLUP, WA 98372

SHEET NAME:
TITLE SHEET

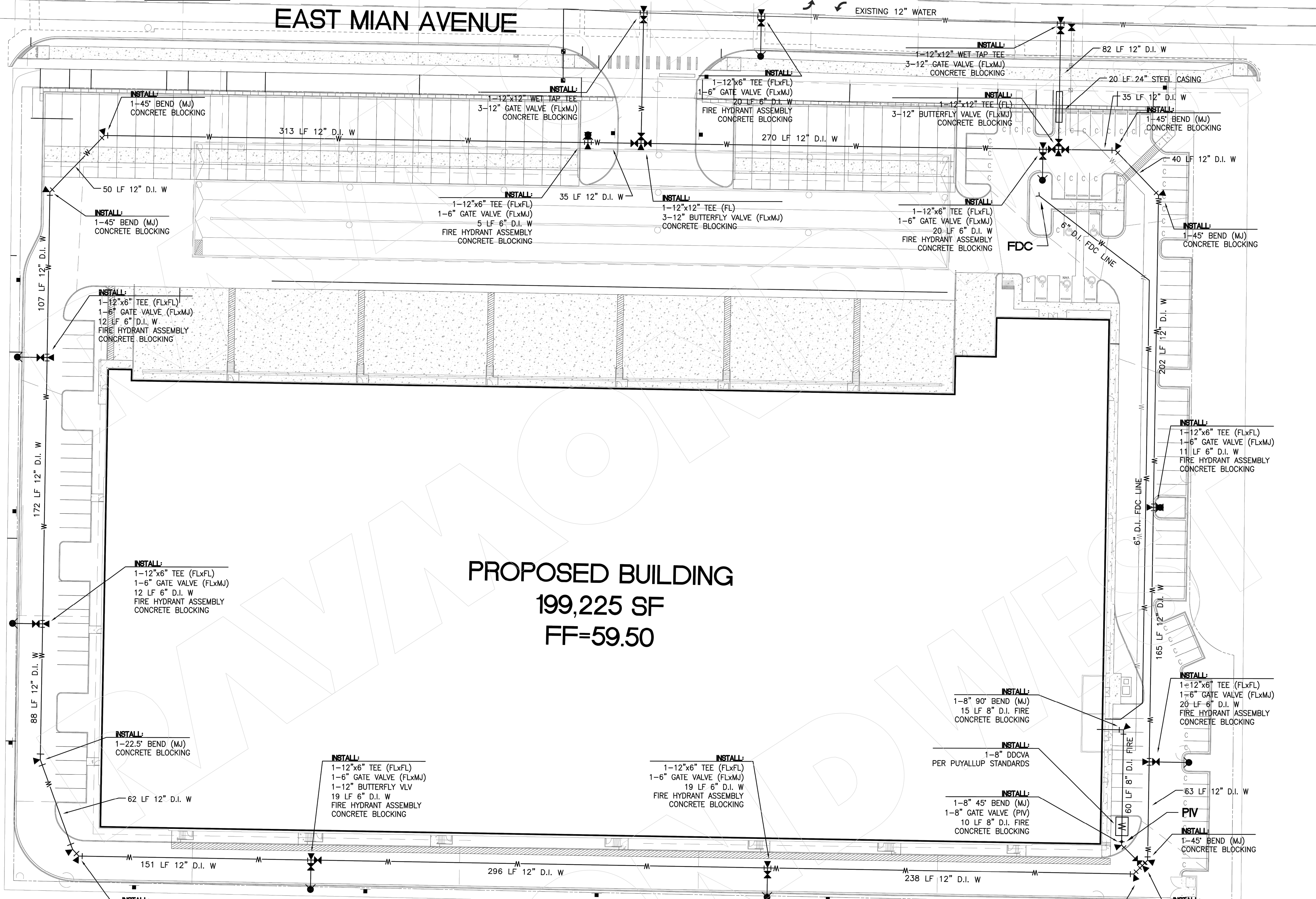
DATE: 04/08/2024
SCALE: NTS
DRAWN BY: J. TOSTANOSKI
PROJECT #: 100955050
SHEET NUMBER: SS1
REV: 0



EAST MIAN AVENUE

PROPOSED BUILDING
199,225 SF
FF=59.50

FOR REFERENCE ONLY



REV. NO.	DESCRIPTION	REV. DATE	REV. BY
1	INITIAL RELEASE	04/08/2024	JON TOSTKI

CUSTOMER:
REDDOT CORPORATION
2504 EAST MAIN AVENUE
PUYALLUP, WA 98372

SHEET NAME:
SITE PLAN

STRUCTURAL STAMP

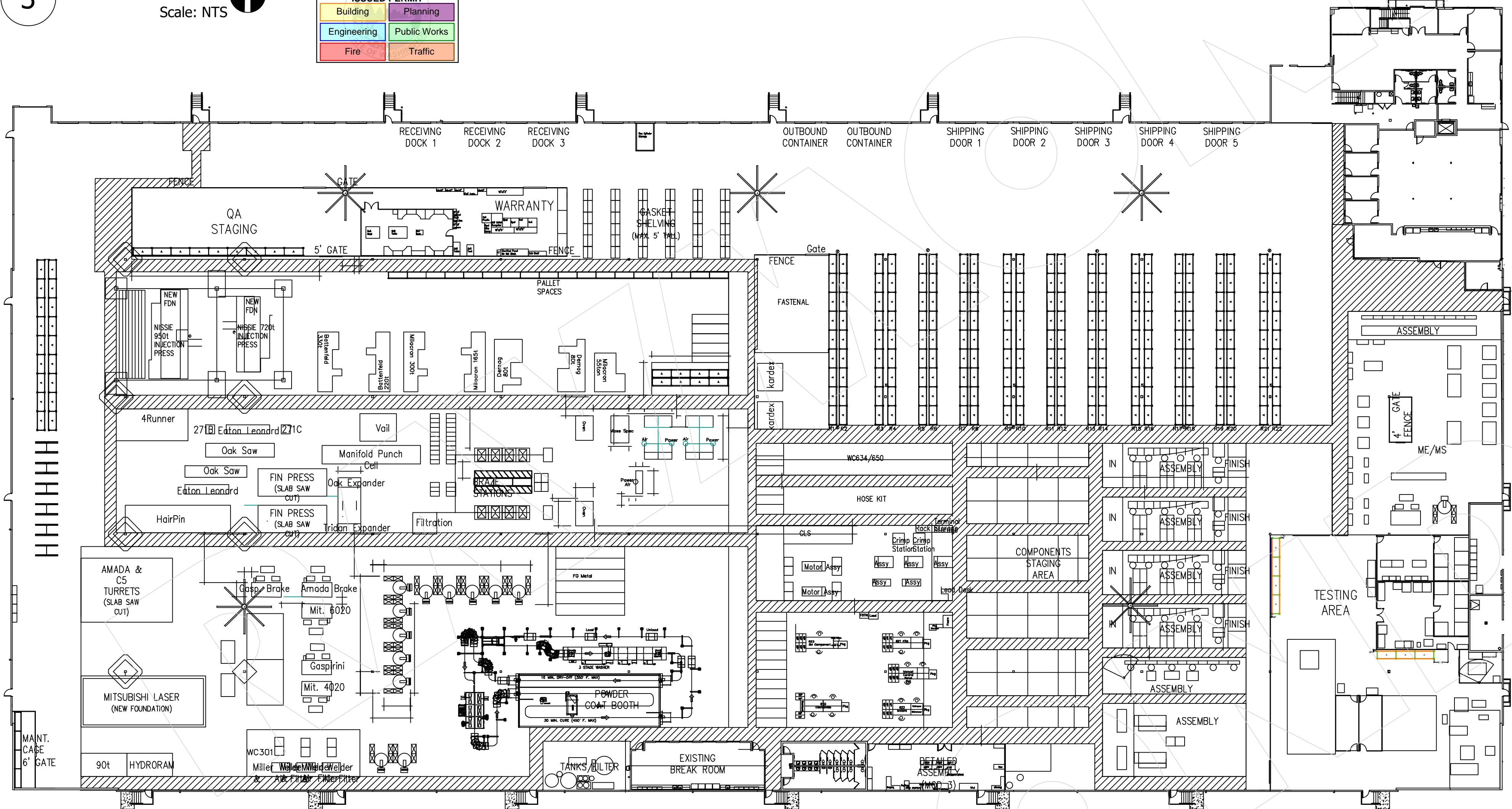
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DATE: 04/08/2024
SCALE: NTS
DRAWN BY: J. TOSTANOSKI
PROJECT #: 100955050
SHEET NUMBER: SS2 0

3 FLOOR PLAN NORTH Scale: NTS

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



HIGH-PILED STORAGE COMMODITY DESCRIPTION FOR REDDOT CORPORATION:

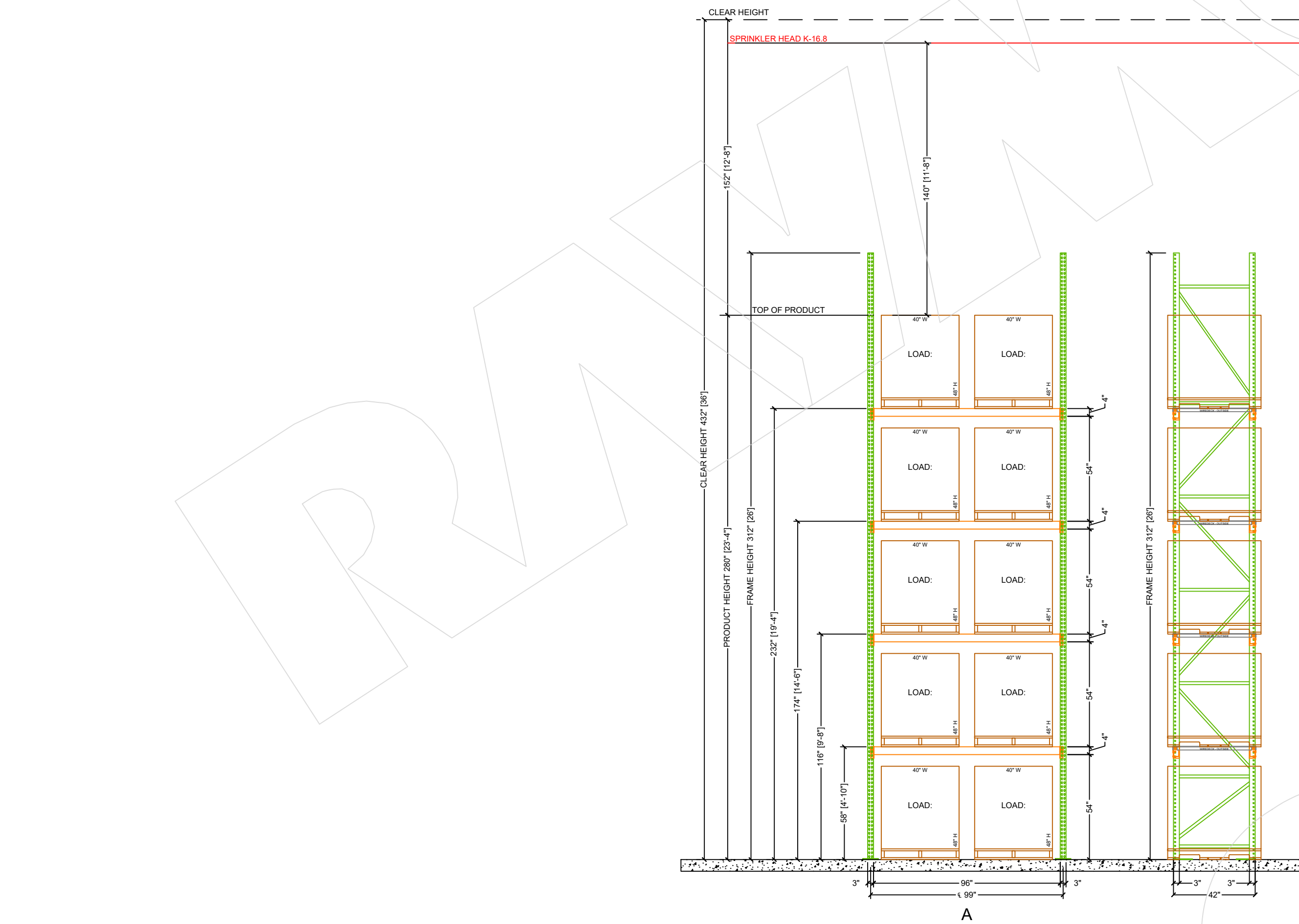
REDDOT CORPORATION IS GOING TO OCCUPY THE BUILDING LOCATED AT 2504 EAST MAIN AVE PUYALLUP, WA 98372. PRODUCTS TO BE STORED ARE THE FOLLOWING: MOBILE HVAC UNITS AND COMPONENTS. ALL PRODUCTS ARE PACKAGED IN CORRUGATED CARTONS PLACED ON WOODEN PALLET. THE COMMODITIES WILL BE PLACED IN THE PROPOSED RACKING ON OPEN WIRE MESH DECKING HAVING UNIFORM OPENINGS NOT MORE THAN 6 INCHES APART, COMPRISING NOT LESS THAN 50 PERCENT OF THE OVERALL SHELF AREA AND WITH APPROVED FLUE SPACES, OR DIRECTLY ON THE LOAD BEAMS. OPEN TOP CONTAINERS AND SOLID SHELVING WILL NOT BE PRESENT. THIS IS A CLASS I-IV COMMODITY NONENCAPSULATED.

REQUIRED INFORMATION FOR CITY BUILDING AND FIRE SAFETY PER 2021 IFC AND 2016 NFPA-13

- DIMENSION OF RACKING AREA IS APPROXIMATELY: 4,000 SQ. FT.
- SQUARE FOOTAGE OF THE WAREHOUSE IS APPROXIMATELY 188,000 SQ. FT.
- THE WAREHOUSE CEILING HEIGHT IS 38'. MAXIMUM STORAGE HEIGHT OF COMMODITY WITHIN RACKS WILL NOT EXCEED 30'. TOP OF STORAGE WILL BE MAINTAINED A MINIMUM OF 36" BELOW FIRE SPRINKLER DEFLECTORS.
- THE NUMBER OF TIERS WITHIN RACK ASSEMBLIES IS VARIED SEE RACK DETAILS.
- PRODUCTS WILL BE STORED ON WOODEN PALLET, SLATS (MAINTAINING >50%OPEN) OR ON OPEN WIRE MESH DECKING WITHIN PALLET STORAGE RACKS.
- AISLE DIMENSIONS BETWEEN STORAGE ARRAYS EQUAL OR EXCEED 10' OR 120" (SEE PLAN)
- MAXIMUM PILE VOLUME FOR THE LARGEST ARRAY IS N/A, NO ON FLOOR STORAGE.
- HIGH PILED STORAGE WILL BE PRESENT IN PALLET RACKS
- NO COMMODITIES WITHIN FACILITY ARE BANNED.
- FIRE ACCESS DOORS ARE REQUIRED AND ARE SPACED SUCH THAT AN ACCESS DOOR IS LOCATED WITHIN 125'-0" LINEAL FEET FROM ALL POINTS OF EXTERIOR WALLS THAT ADJOIN FIRE ACCESS ROADWAYS.
- AN ESFR FIRE SPRINKLER SYSTEM PROTECTS THIS OCCUPANCY.THE SYSTEM IS DESIGNED USING RELIABLE K-16.8, 212 DEGREE ESFR PENDENT SPRINKLER. ESFR SPRINKLER DISCHARGE AT 55 PSI. PER THE 2016 EDITION OF NFPA 13, TABLE 17.3.3.1, K-16.8 ESFR SPRINKLERS DISCHARGING AT 55 PSI. BELOW A 40'-0" HIGH ROOF, ARE ADEQUATE TOO PROTECT THE STATED STORAGE, EXCEPT AS NOTED.
- SMOKE AND HEAT VENTS ARE NOT REQUIRED PER THE 2021 IFC- TABLE 3206.2

2021 IFC-TABLE 3206.2 -GENERAL FIRE PROTECTION AND LIFE SAFETY REQUIREMENTS

- CLASS COMMODITY - I-IV
- SIZE OF HIGH-PILED STORAGE AREA*- 21,500
- AUTOMATIC FIRE EXTINGUISHING SYSTEM- YES
- FIRE DETECTION SYSTEM- NOT REQUIRED
- BUILDING ACCESS- YES
- SMOKE AND HEAT REMOVAL- YES- J (NOT REQUIRED WHEN STORAGE AREAS WITH AN EXIT ACCESS TRAVEL DISTANCE OF 250 FEET OR LESS ARE PROTECTED BY EARLY SUPPRESSION FAST RESPONSE(ESFR) SPRINKLER SYSTEMS INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1.
- DRAFT CURTAINS- NOT REQUIRED
- SOLID-PILED STORAGE, SHELF STORAGE AND PALLETIZED STORAGE- NO



REV. NO.	DESCRIPTION	REV. DATE	REV. BY
1	INITIAL RELEASE	04/08/2024	JON TOSTKI

CUSTOMER: **REDDOT CORPORATION**
2504 EAST MAIN AVENUE
PUYALLUP, WA 98372

SHEET NAME:

FLOOR PLAN

STRUCTURAL STAMP



EXPIRES 04-12-2026

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DATE:	04/08/2024
SCALE:	1/32" = 1'-0"
DRAWN BY:	J. TOSTANOSKI
PROJECT #:	100955050
SHEET NUMBER:	SS3
REV:	0

4

EGRESS PLAN

Scale: NTS

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

<https://raymondwest.com>
SEATTLE, WA
6607 287TH ST.
AUBURN, WA 98001
PHONE: 1.888.820.8811

REV. NO.	DESCRIPTION	REV. DATE	REV. BY
1	INITIAL RELEASE	04/08/2024	JON TOSTKI

CUSTOMER:
REDDOT CORPORATION
2504 EAST MAIN AVENUE
PUYALLUP, WA 98372

SHEET NAME:
EGRESS PLAN

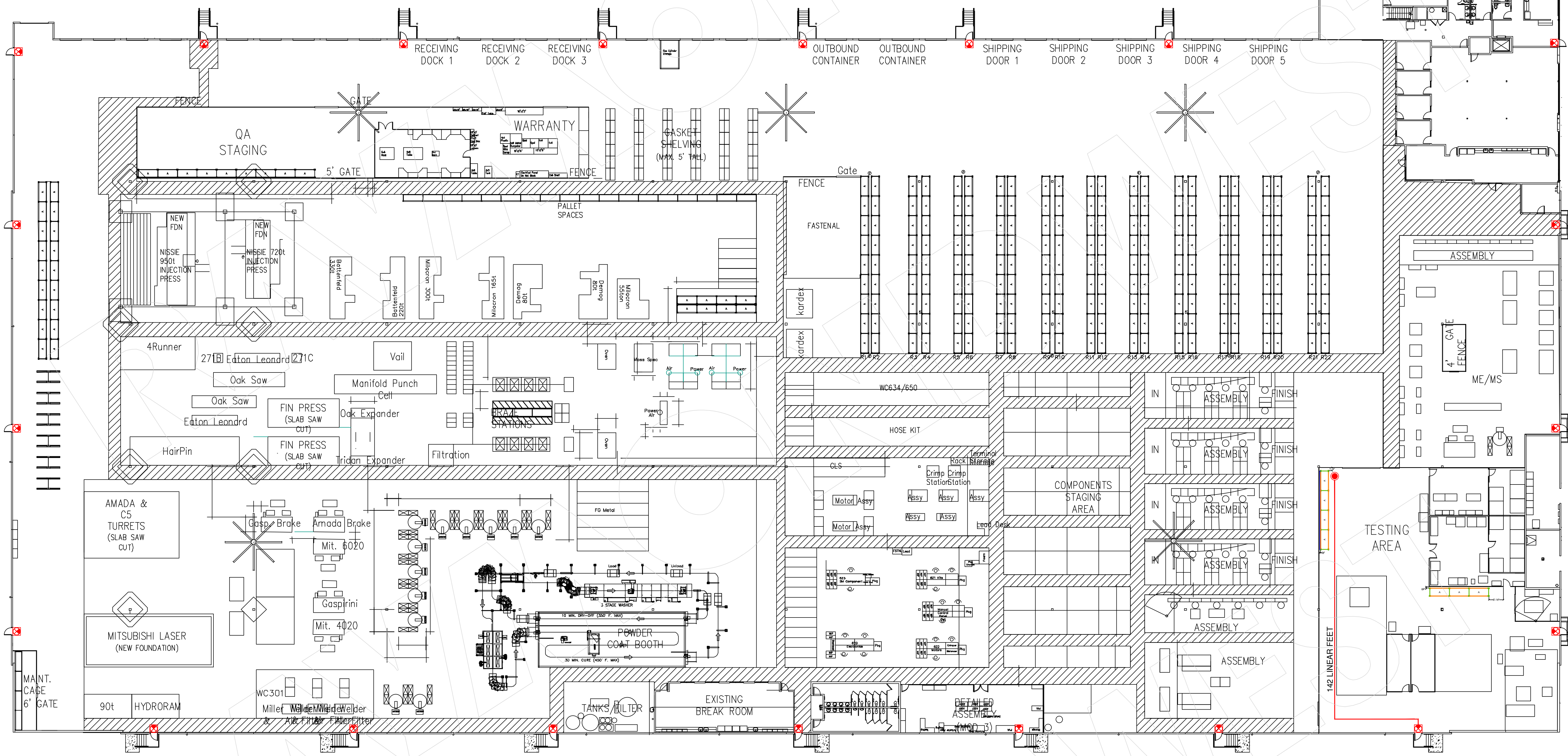
STRUCTURAL STAMP

EXPIRES
04-12-2026

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DATE:	04/08/2024
SCALE:	NTS
DRAWN BY:	J. TOSTANOSKI
PROJECT #:	100955050
SHEET NUMBER:	SS4
REV:	0



LEGEND	
	Exit Sign
	Fire Extinguisher
	Point of Origin
	Egress Path

- NOTES:**
1. THE COMMON PATH OF EGRESS TRAVEL DISTANCE NOT TO EXCEED IBC TABLE 1006.2.1
 2. THE EXIT ACCESS TRAVEL DISTANCE, MEASURED FROM THE MOST REMOTE POINT TO AN EXIT, NOT TO EXCEED THE ALLOWABLE PER CBC TABLE 1017.2
 3. EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED IN ACCORDANCE WITH SECTION 1013.3
 4. THE MAXIMUM OUT OF PLUMBNESS SHALL BE 0.5 INCHES PER 10 FT. OF HEIGHT.

**City of Puyallup
Development & Permitting Services
ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

UNDERGROUND PIPE NOTES

- THE SITE PLAN IS THE REFERENCE DRAWING.
- SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR ADDITIONAL SITE PLAN INFORMATION.
- ALL UNDERGROUND PIPING IS TO BE INSTALLED BY A CONTRACTOR WORKING IN A WELL MAINTAINED STATE OF LEVEL CERTIFICATION.
- ALL UNDERGROUND PIPING TO BE INSTALLED BENEATH AND/OR ABOVE, FLUSHED AND TESTED PER NFPA 13 & 24.
- MINIMUM FLOW RATES FOR CLOSING:
 - 1" - 100 GPM
 - 1.5" - 240 GPM
 - 2" - 300 GPM
- MINIMUM FLOW RATES FOR OPENING:
 - 1" - 100 GPM
 - 1.5" - 240 GPM
 - 2" - 300 GPM
- MINIMUM BURIAL 4'-0"
- PAVEMENT START POINT AT FRANKS AVE. ROSE BUILDING.

INSTALLATION NOTE

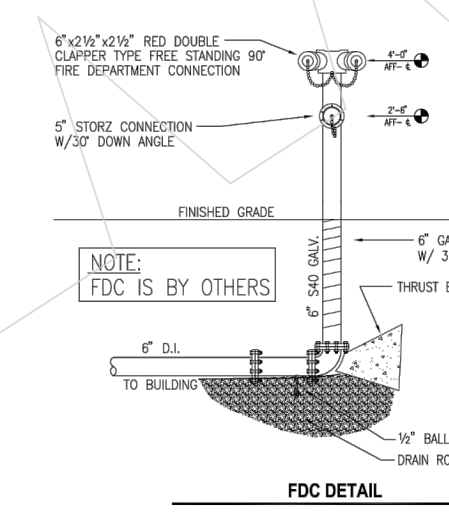
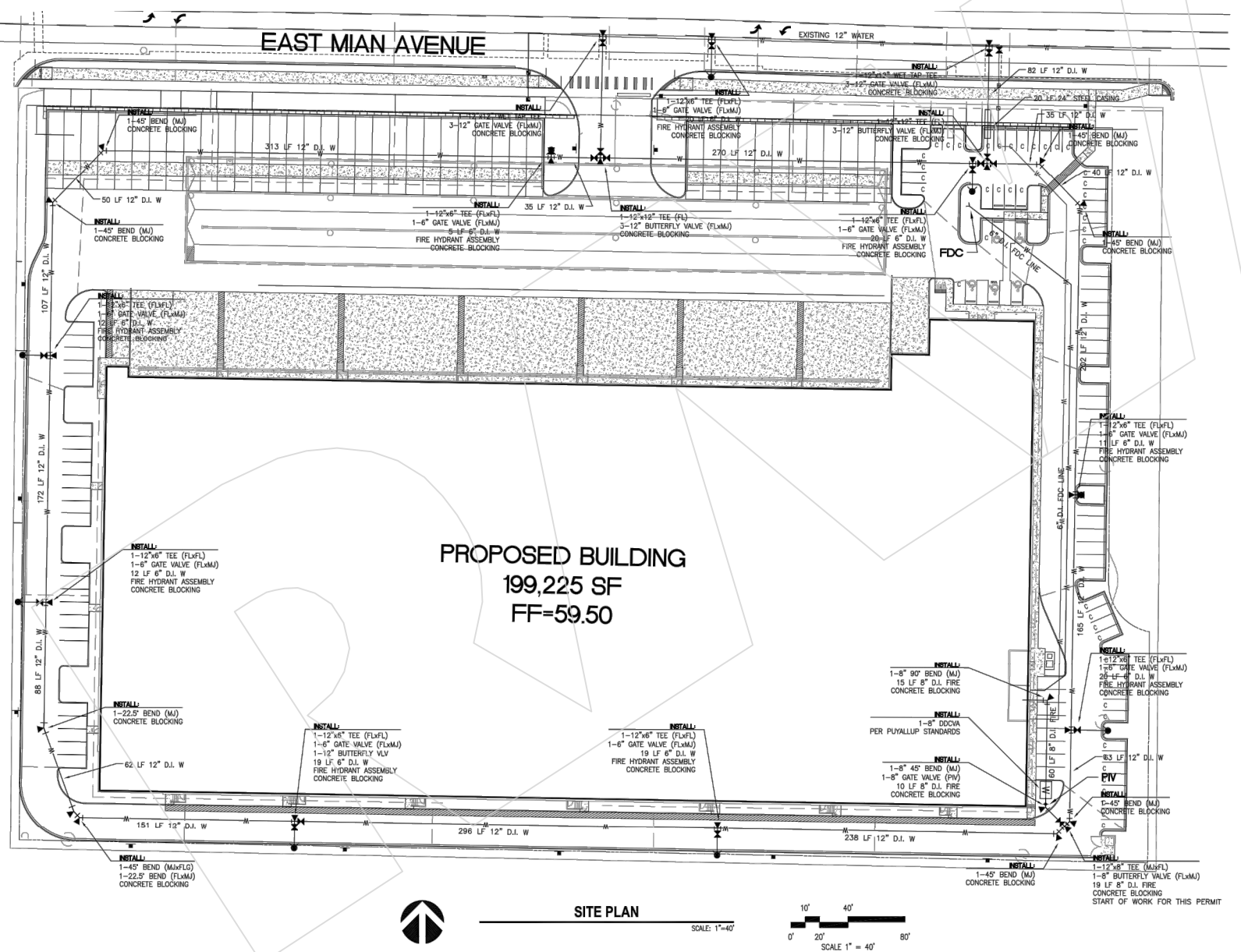
ALL WORK ON THE MECHANICAL PORTIONS OF FIRE PROTECTION SPRINKLER SYSTEMS MUST BE INSTALLED AND CERTIFIED BY A LICENSED CONTRACTOR WHO HAS ACHIEVED A STATE LEVEL CERTIFICATION. SUBCONTRACTING OF SUCH WORK TO PERSONS OF FINE OR NOT CURRENTLY LICENSED AS A FIRE PROTECTION SPRINKLER SYSTEM CONTRACTOR IS PROHIBITED UNDER IAC 213-20.

GENERAL NOTES

- FOR WORKING CLEARANCE, AN UNCONSTRICTED 3'-FOOT RADIUS SHALL BE MAINTAINED AROUND THE PIP AND FDC.

FLOW TEST

STATIC 55 PSI
RESIDUAL 45 PSI
FLOW 1,182 GPM
LOCATION EAST MAIN



SEISMIC BRACING LEGEND	
BRACE NUMBER	BRACE TYPE
SB-1	4" x 4" SHS10
SB-2	4" x 4" SHS10
SB-3	4" x 4" SHS10
SB-4	4" x 4" SHS10
SB-5	4" x 4" SHS10
SB-6	4" x 4" SHS10
SB-7	4" x 4" SHS10
SB-8	4" x 4" SHS10
SB-9	4" x 4" SHS10
SB-10	4" x 4" SHS10
SB-11	4" x 4" SHS10
SB-12	4" x 4" SHS10
SB-13	4" x 4" SHS10
SB-14	4" x 4" SHS10
SB-15	4" x 4" SHS10
SB-16	4" x 4" SHS10
SB-17	4" x 4" SHS10

GENERAL NOTES:

- 1.68 ESR SPRINKLERS SHALL BE INSTALLED PER NFPA 13 SECTION 8.1.2. 1.68 ESR SPRINKLER SHALL BE INSTALLED SO THE DEFLECTORS ARE NOT MORE THAN 1" AND NOT LESS THAN 6" FROM THE CEILING PER NFPA 13 SECTION 8.1.2.1.2.
- LATERAL BRACING IS NOT REQUIRED ON 2" x 2" & 2" BRANCH LINES WHEN INSTALLED PER NFPA 13 SECTION 8.1.2.1.2. ALL 2" x 2" AND 2" BRANCH LINES ARE TO BE INSTALLED PER SECTION 8.1.2.1.2. LATERAL BRACING IS NOT REQUIRED. HANGER RODS TO BE LESS THAN 4" WHEN MEASURED BETWEEN TOP OF PIPE AND POINT OF ATTACHMENT TO BUILDING STRUCTURE.
- HWS (HIGH VELOCITY LOW SPEED) FANS SHALL BE CENTERED BETWEEN 4 ESR SPRINKLERS AND LOCATED SO THAT THE TOP OF THE FAN BASES ARE LOCATED A MINIMUM OF 30" BELOW THE SPRINKLER DEFLECTORS. HWS FANS SHALL BE WELDED TO SHUT DOWN FROM ACTIVATION OF SPRINKLER SYSTEM WATER TUN SWITCHES.

DESIGN CRITERIA:

ACTUAL STORAGE HEIGHTS VARY - 30" MUST BE MAINTAINED BETWEEN TOP OF STORAGE AND ESR SPRINKLER DEFLECTORS.

DESIGN STANDARDS IS NFPA 13 USING REQUIREMENTS 8.1-17 ESR PERCENT SPRINKLER HEAD WITH A MINIMUM FLOW PRESSURE OF 35 PSI WITH A MINIMUM 40' HIGH ROOF. THIS DESIGN ALLOWS FOR STORAGE OF THE FOLLOWING COMMODITIES:

PALETTIZED AND SOLID PALETTED STORAGE: PER TABLES 14.4.1 & 15.4.1 (NO OPEN TOP CONTAINERS)

- CLASS I-V ENCAPSULATED COMMODITIES
MAXIMUM STORAGE HEIGHT = 35'-0"
- CARTONED NONEXPANDED PLASTICS
MAXIMUM STORAGE HEIGHT = 35'-0"
- EXPANDED NONEXPANDED PLASTICS
MAXIMUM STORAGE HEIGHT = 35'-0"

RACK STORAGE: PER TABLES 14.3.3.1 & 17.3.3.1
SINGLE-ROW, DOUBLE-ROW, & MULTIPLE-ROW RACKING (WITHOUT SOLID SHELVING)

- CLASS I-V ENCAPSULATED OR NONEXPANDED COMMODITIES
MAXIMUM STORAGE HEIGHT = 35'-0"
- CARTONED NONEXPANDED PLASTICS
MAXIMUM STORAGE HEIGHT = 35'-0"
- EXPANDED NONEXPANDED PLASTICS
MAXIMUM STORAGE HEIGHT = 35'-0"

IDLE PALLET STORAGE: PER TABLES 12.12.2(3) & 12.12.2.3
A. WOOD OR PLASTIC PALLETS STORED ON FLOOR OR RACKING (WITHOUT SOLID SHELVING)
MAXIMUM STORAGE HEIGHT = 35'-0"

2. FIRE RISER & ELEC ROOMS:
ORDINARY HAZARD OCCUPANCY
LIGHT HAZARD OCCUPANCY

BRACE NUMBER	SIZE OF BRACED MEMBER	BRACE TYPE	ATTACHMENT	MINIMUM ATTACHMENT ANGLE	MINIMUM BRACE ANGLE	MAXIMUM SPACING
SB-1	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	20°-0"	20'-0"
SB-2	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	18°-0"	18'-0"
SB-3	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	30°-0"	30'-0"
SB-4	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	33°-0"	33'-0"
SB-5	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	18°-0"	18'-0"
SB-6	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	60°-0"	60'-0"
SB-7	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	60°-0"	60'-0"
SB-8	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	60°-0"	60'-0"
SB-9	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	60°-0"	60'-0"
SB-10	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	60°-0"	60'-0"
SB-11	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	60°-0"	60'-0"
SB-12	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	60°-0"	60'-0"
SB-13	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	60°-0"	60'-0"
SB-14	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	60°-0"	60'-0"
SB-15	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	60°-0"	60'-0"
SB-16	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	60°-0"	60'-0"
SB-17	4" x 4" SHS10	4" x 4" SHS10	4" x 4" SHS10	45°	60°-0"	60'-0"

NOTE: THIS IS AN EARLY SUPPRESSION FAST RESPONSE SPRINKLER SYSTEM BRANCH LINE & SPRINKLER HEAD LOCATIONS ARE CRITICAL. E.S.F.A. SYSTEMS REQUIRE SPECIAL CONSIDERATION REGARDING PLACEMENT OF LATERAL BRACING, ELECTRICAL, CONDUIT BRACE, ETC. SPRINKLER PIPING CAN NOT BE ROUTED AROUND OBSTRUCTIONS DUE TO INCREASED FRICTION LOSSES OR LIMITED FLOW FROM STRUCTURE DUE TO CODE REQUIREMENTS. IF IT IS UNDERSTOOD THAT REQUIRED COORDINATION WITH THE ROOF STRUCTURE, JOIST PANELS, POINTS, JOIST BRACING, DUCT WORK, LIGHTING, ELECTRICAL, CONDUIT AND OTHER PIPING WILL BE ACCOMMODATED TO PROVIDE THE CLEARANCE REQUIRED FOR AN E.S.F.A. SYSTEM.

SEAL CERTIFICATION	FINAL CHECK	HANGER LEGEND	SEAL DESIGN
APPROVAL REQUIRED	APPROVAL REQUIRED	APPROVAL REQUIRED	APPROVAL REQUIRED

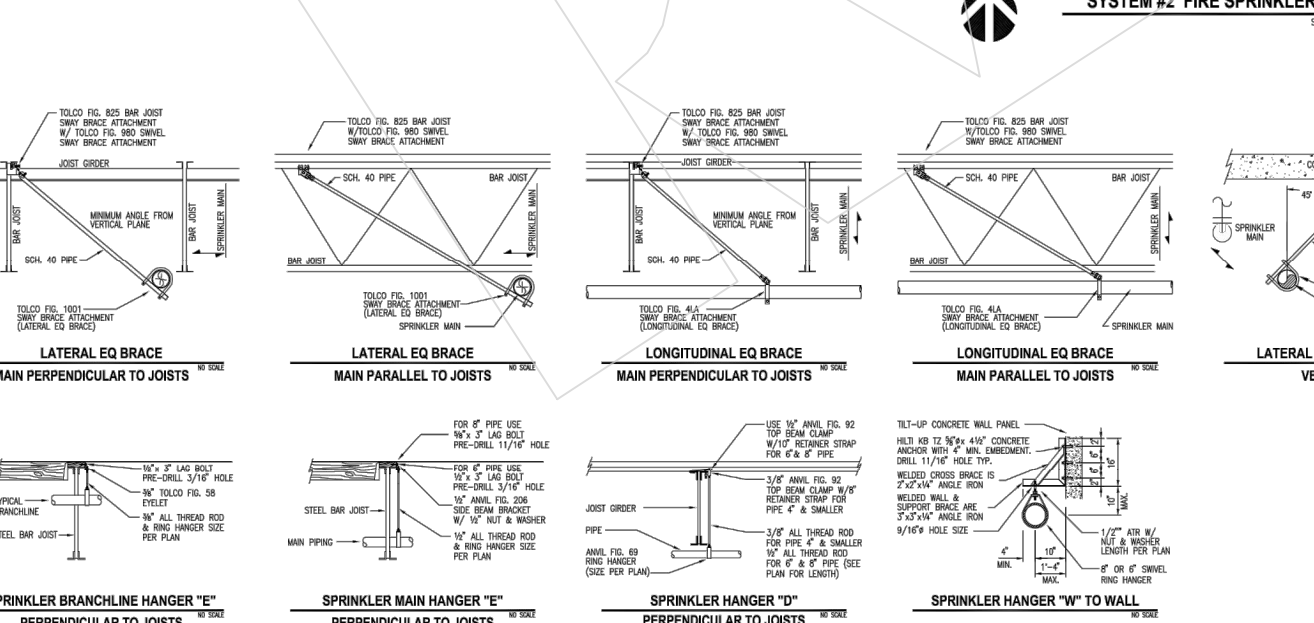
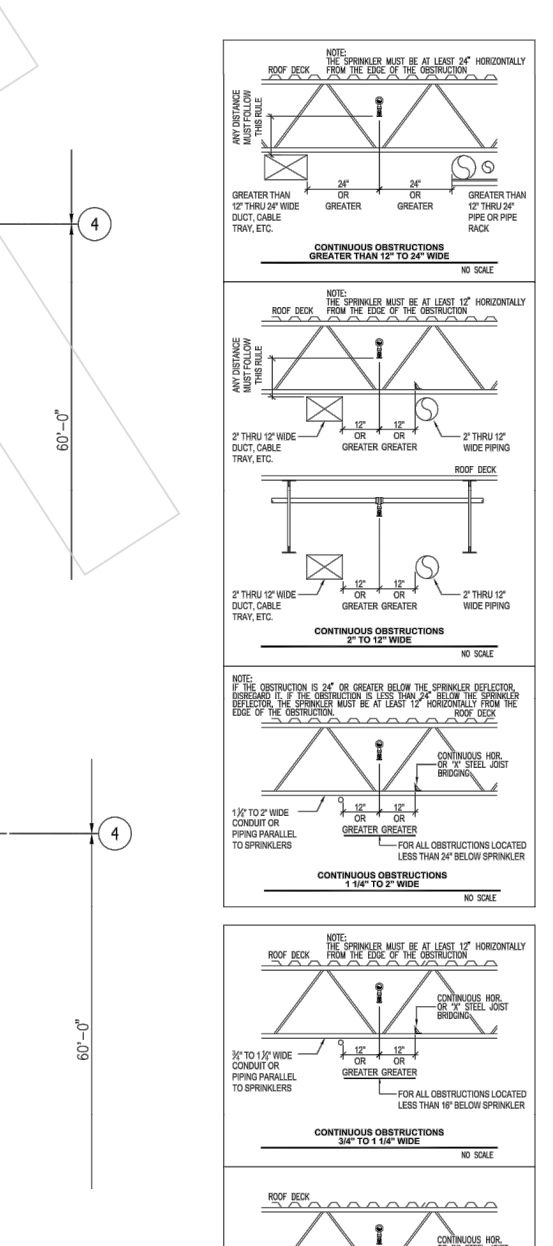
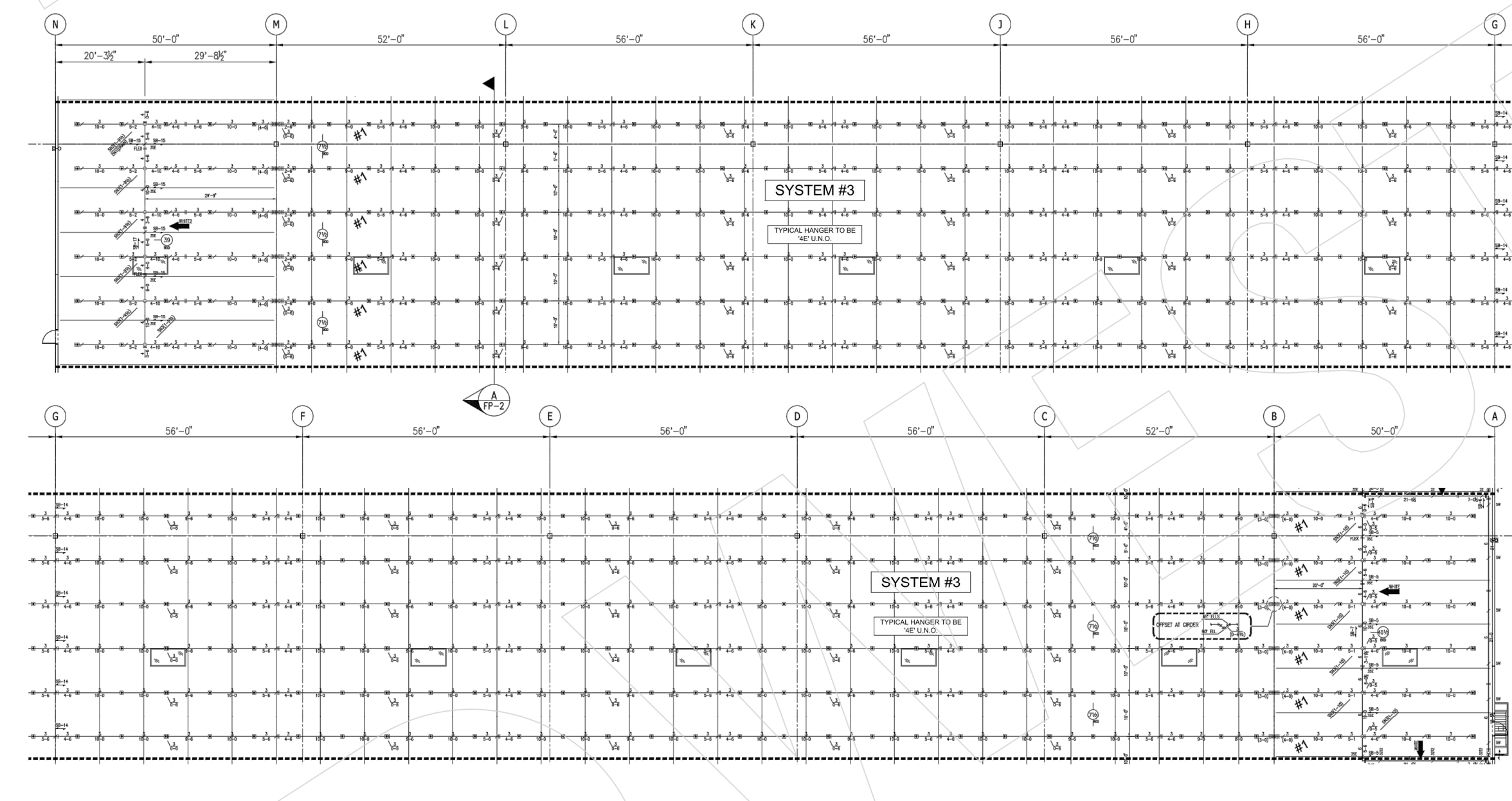
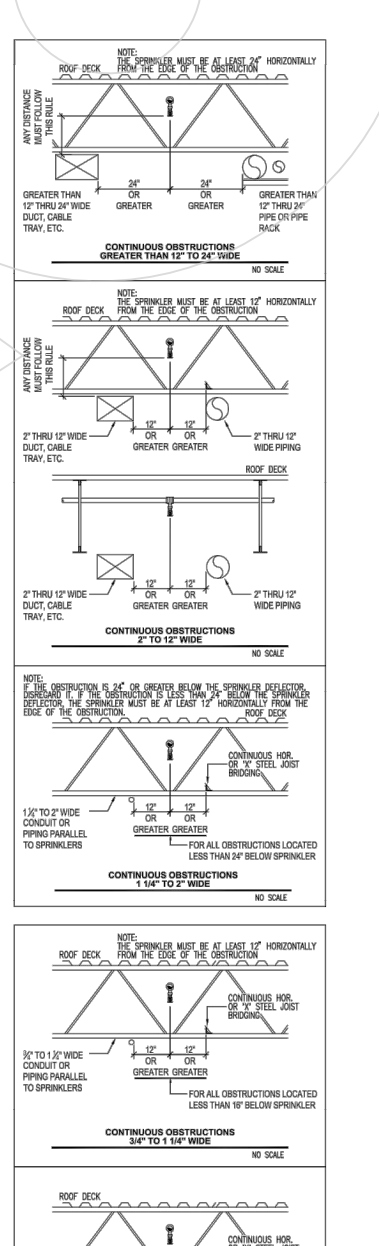
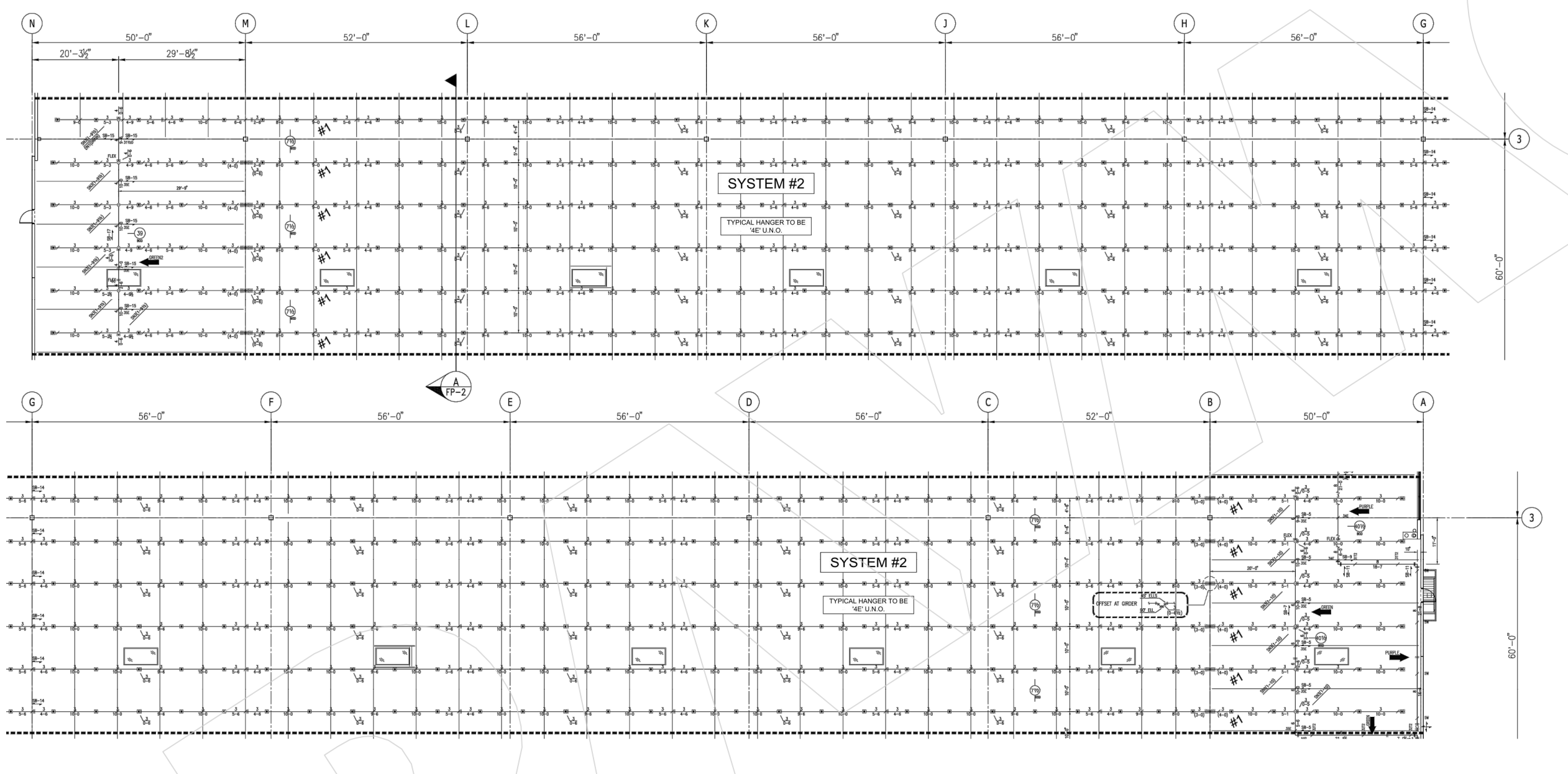
AS-BUILT

FOR CONSTRUCTION
JANAL W. WATSON
10000 1st Ave. S.W.
Burien, WA 98148
Phone: 206-835-4000

FOR CONSTRUCTION
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10000 1st Ave. S.W.
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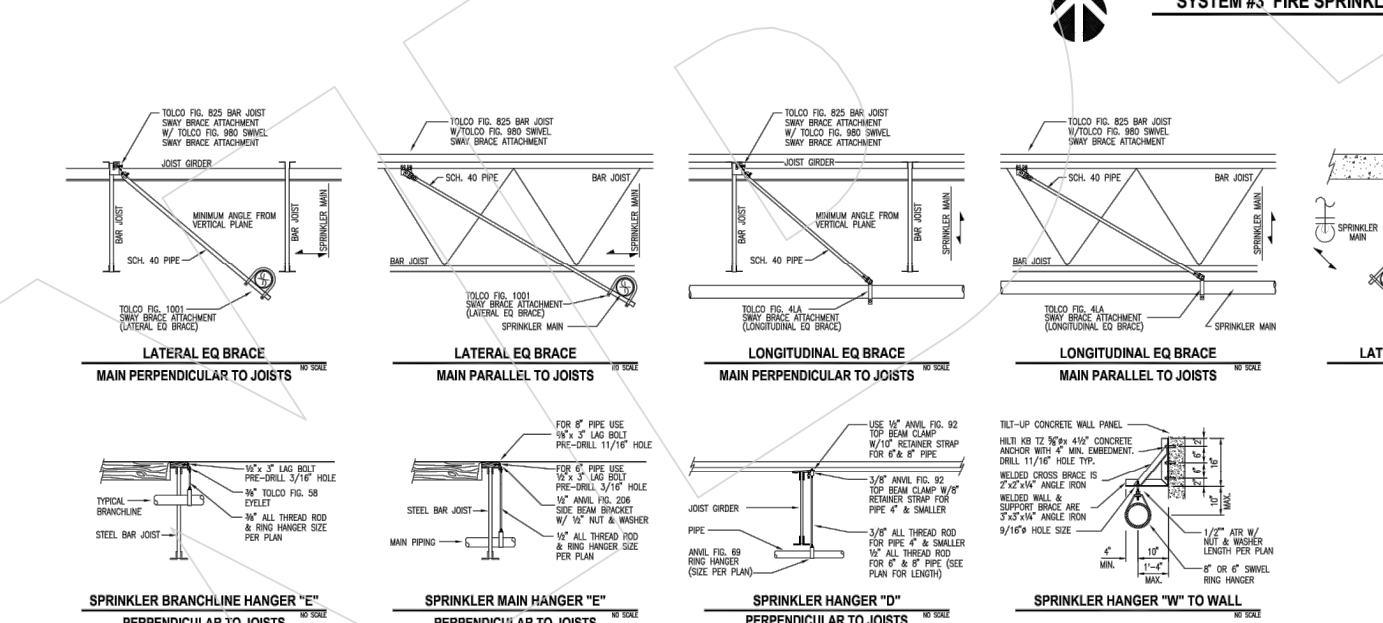
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SEISMIC BRACING LEGEND	
BRACE NUMBER	BRACE TYPE
SB-1	4" x 4" SHS10
SB-2	4" x 4" SHS10
SB-3	4" x 4" SHS10
SB-4	4" x 4" SHS10
SB-5	4" x 4" SHS10
SB-6	4" x 4" SHS10
SB-7	4" x 4" SHS10
SB-8	4" x 4" SHS10
SB-9	4" x 4" SHS10
SB-10	4" x 4" SHS10
SB-11	4" x 4" SHS10
SB-12	4" x 4" SHS10
SB-13	4" x 4" SHS10
SB-14	4" x 4" SHS10
SB-15	4" x 4" SHS10
SB-16	4" x 4" SHS10
SB-17	4" x 4" SHS10

SEAL CERTIFICATION	FINAL CHECK	HANGER LEGEND	SEAL DESIGN
APPROVAL REQUIRED	APPROVAL REQUIRED	APPROVAL REQUIRED	APPROVAL REQUIRED



SEAL CERTIFICATION	FINAL CHECK	HANGER LEGEND	SEAL DESIGN
APPROVAL REQUIRED	APPROVAL REQUIRED	APPROVAL REQUIRED	APPROVAL REQUIRED

AS-BUILT

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RAYMOND WEST
INTRALOGISTICS SOLUTIONS

https://raymondwest.com

SEATTLE, WA
6607 287TH ST.
AUBURN, WA 98001
PHONE: 1.888.820.8811

REV. NO.	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	04/08/2024	JON TOSTKI

REDDOT CORPORATION

2504 EAST MAIN AVENUE
PUYALLUP, WA 98372

CUSTOMER: REDDOT CORPORATION

SHEET NAME: SPRINKLER PLANS 1

DATE: 04/08/2024

SCALE: NTS

DRAWN BY: J. TOSTANOSKI

PROJECT #: 100955050

SHEET NUMBER: SS5

EXPIRES 04-12-2026

STRUCTURAL STAMP

S. E. FATER
REGISTERED PROFESSIONAL ENGINEER

EXPIRES 04-12-2026

DATE: 04/08/2024

SCALE: NTS

DRAWN BY: J. TOSTANOSKI

PROJECT #: 100955050

SHEET NUMBER: SS5

EXPIRES 04-12-2026

REV. NO.	DESCRIPTION	REV. DATE	REV. BY
1	INITIAL RELEASE	04/08/2024	JON TOSTKI

REDDOT CORPORATION
2504 EAST MAIN AVENUE
PUYALLUP, WA 98372

SHEET NAME:
SPRINKLER PLANS 2

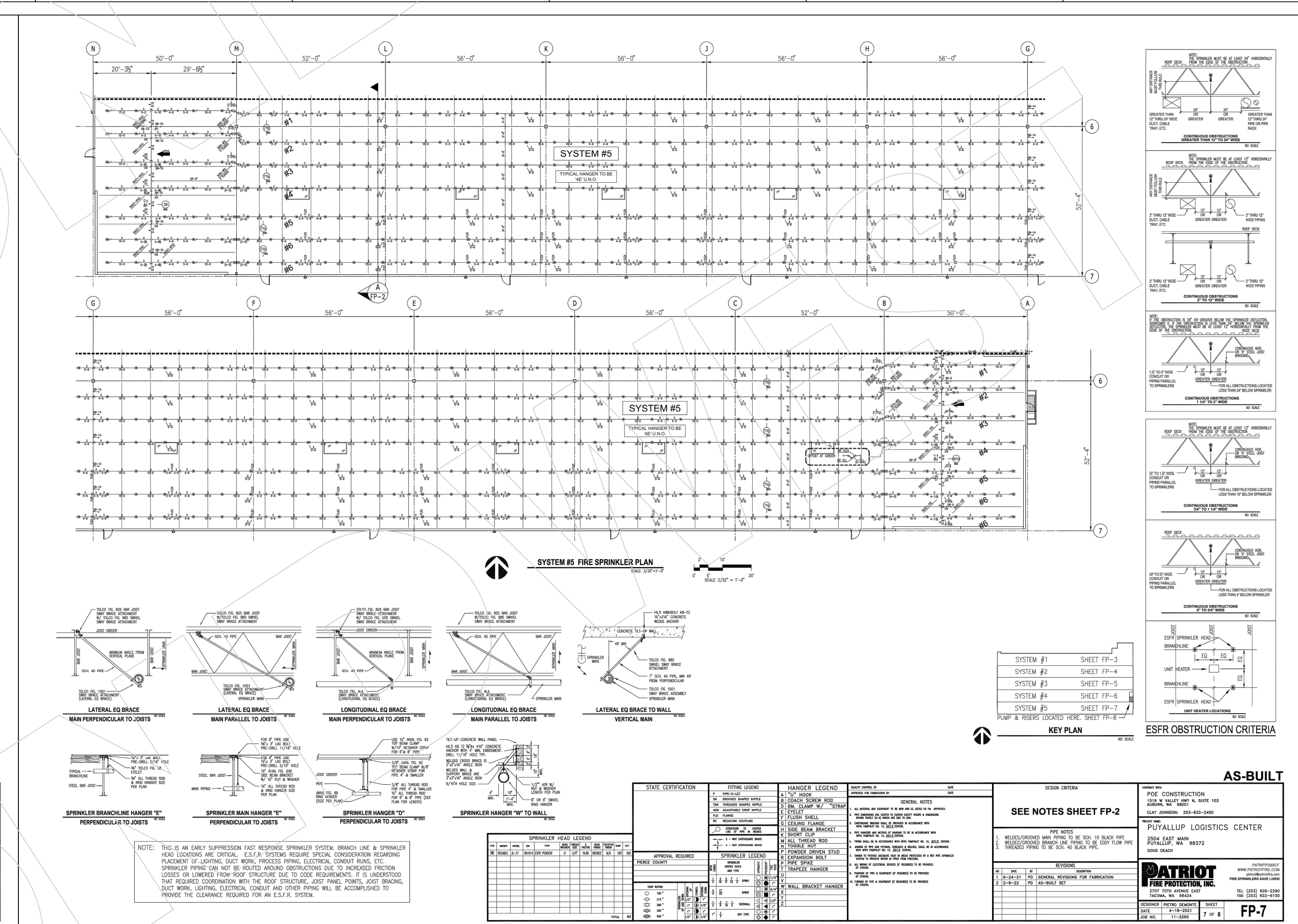
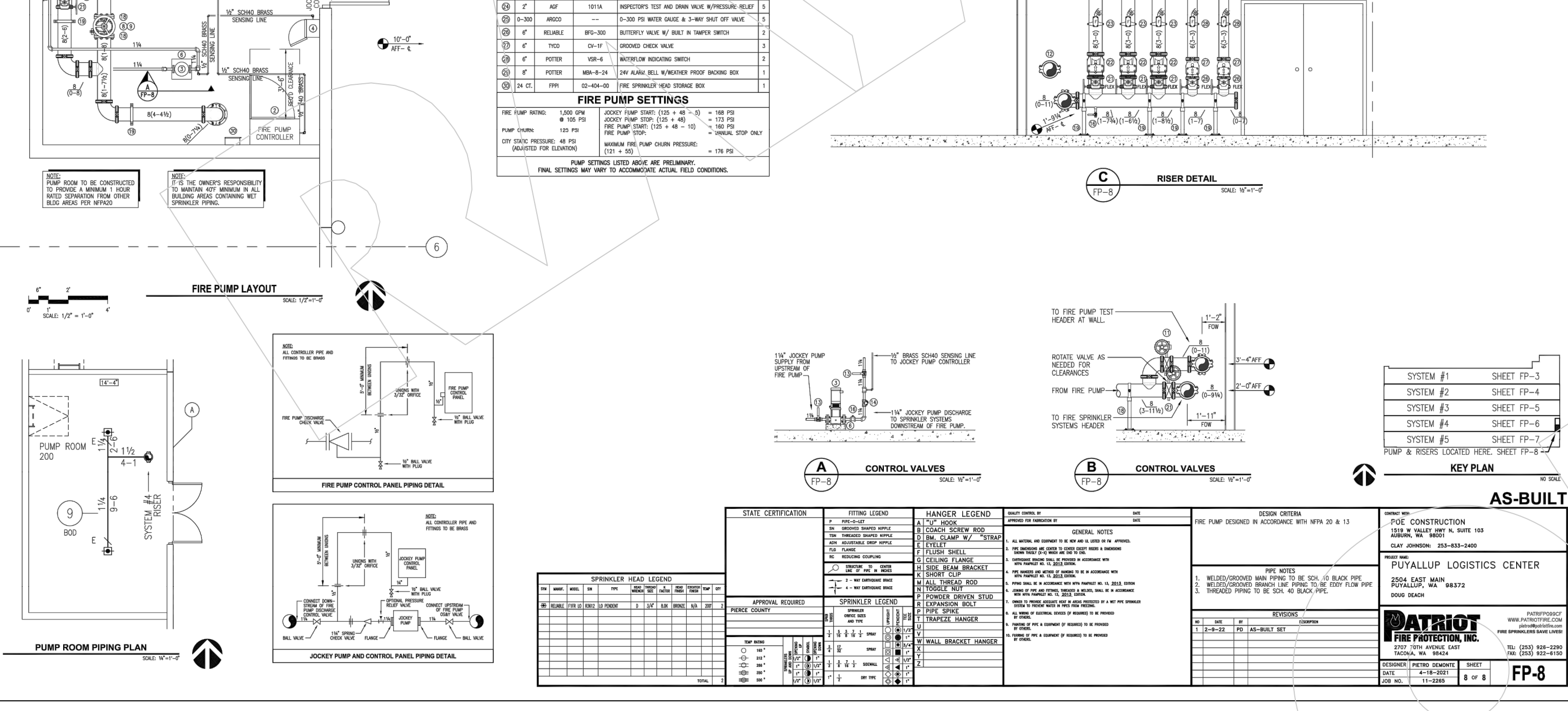
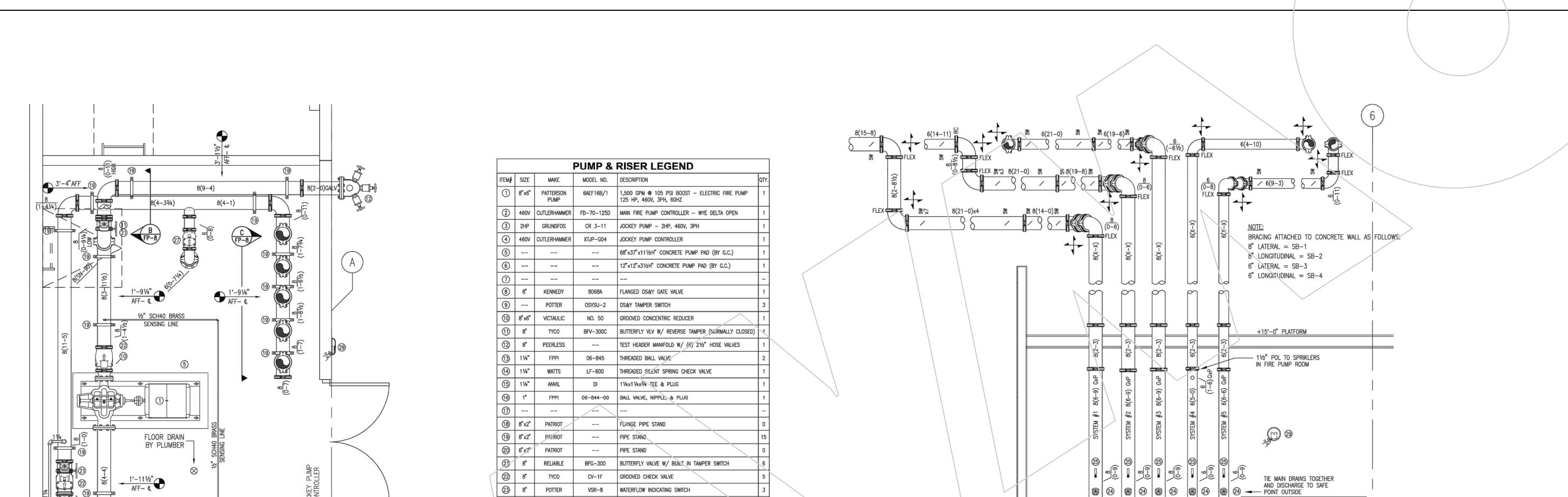
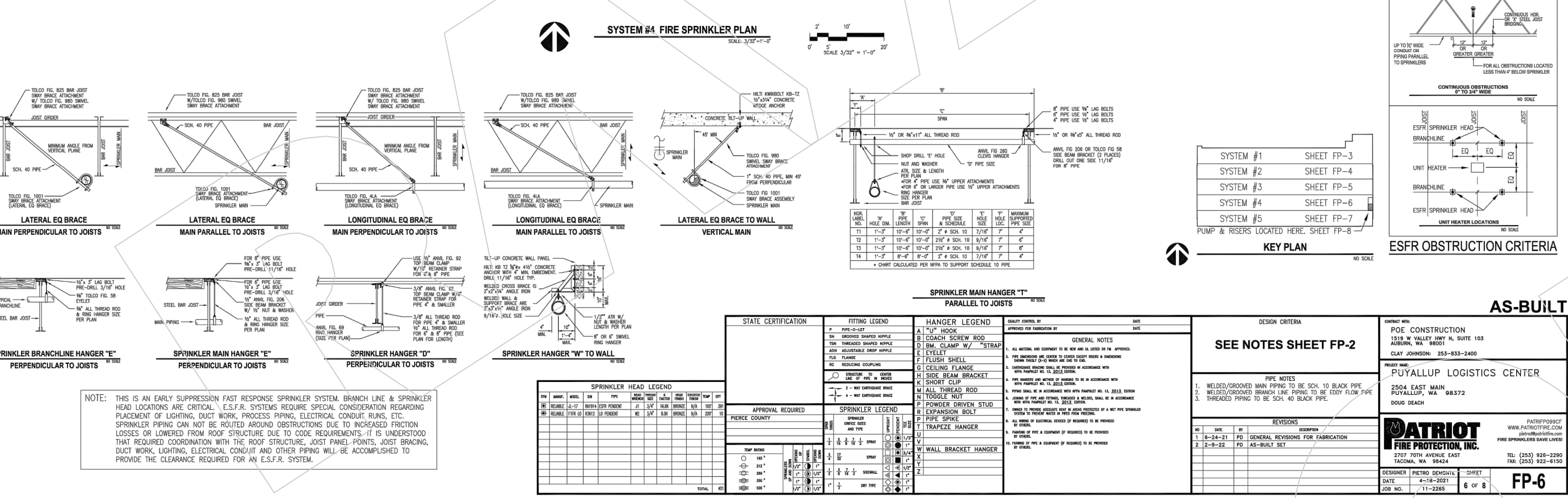
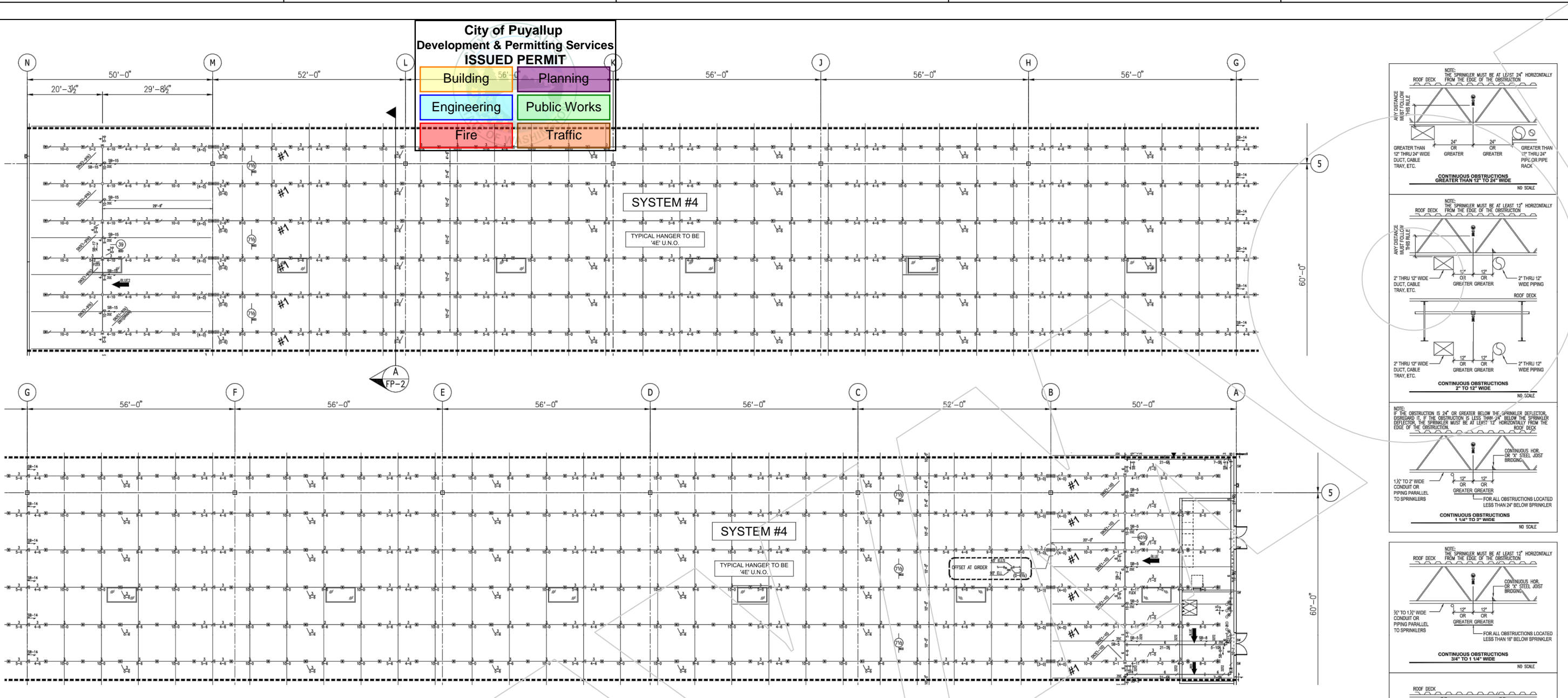
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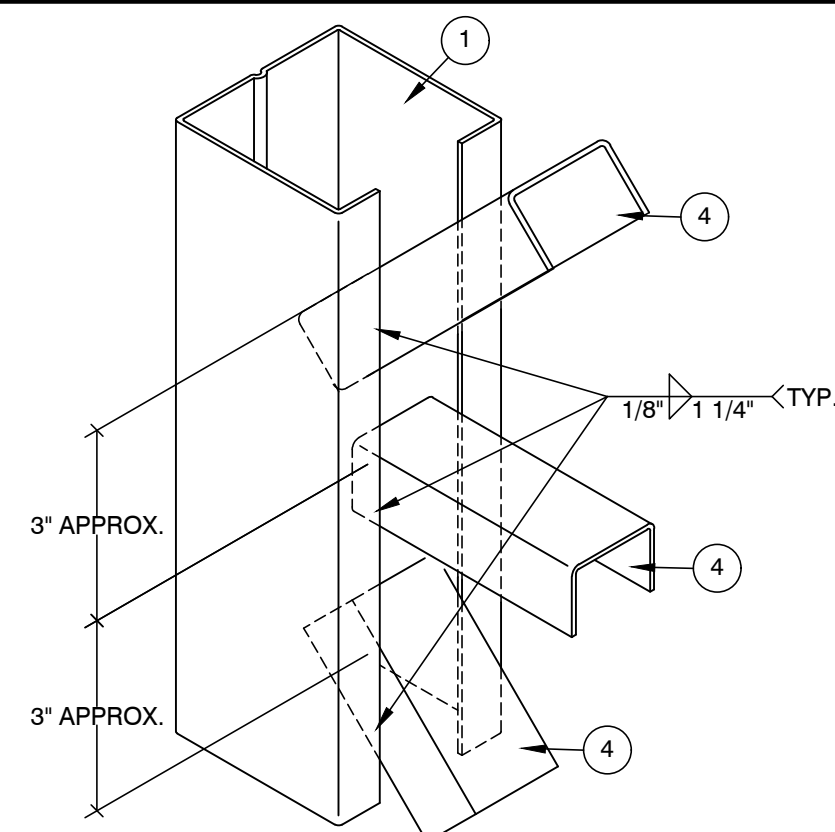
EXPIRES
04-12-2026

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

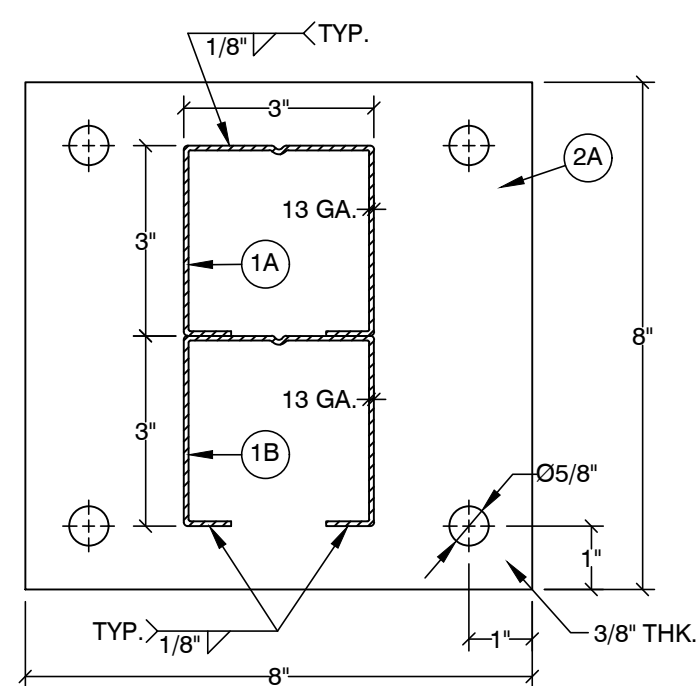
This drawing is the property of Raymond West and is to be used only by the party identified in the "Customer" section and then only in connection with the project or system for which it was prepared. Copying in part or as a whole is prohibited. This is subject to a Confidentiality Agreement between Raymond West and the party identified under "Customer".

DATE: 04/08/2024
SCALE: NTS
DRAWN BY: J. TOSTANOSKI
PROJECT #: 100950500
SHEET NUMBER: SS6
REV: 0





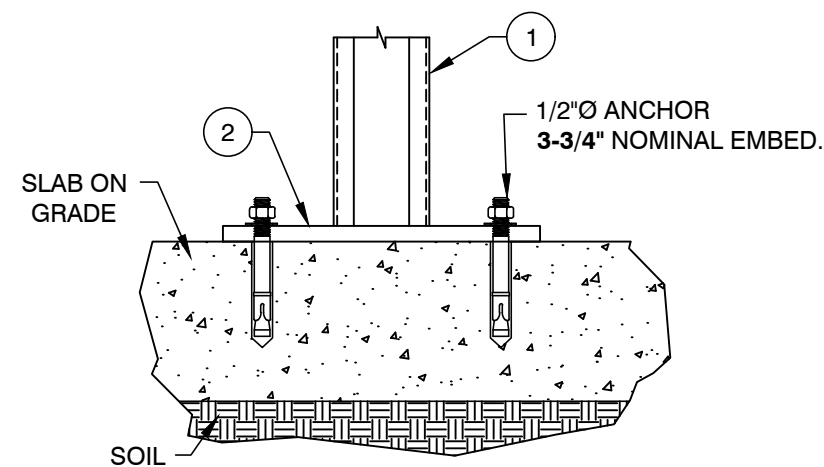
V-A TYPICAL BRACE TO COLUMN CONNECTION



2 BASE PLATE

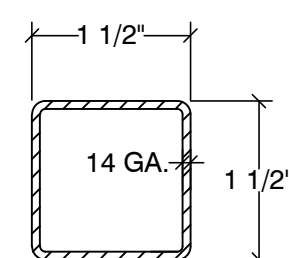
1A COLUMN

1B BACKER

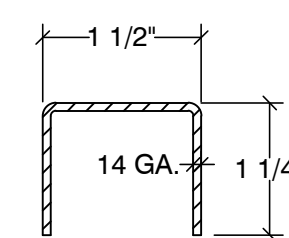


(4) ANCHORS REQ'D PER BASE PLATE

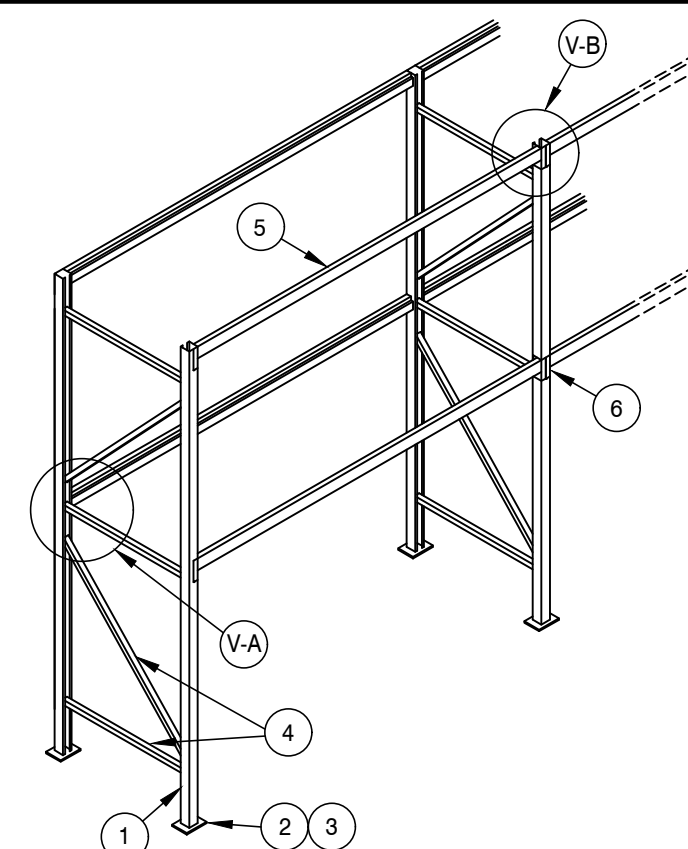
3 ANCHOR



4B DIAGONAL TUBE BRACE

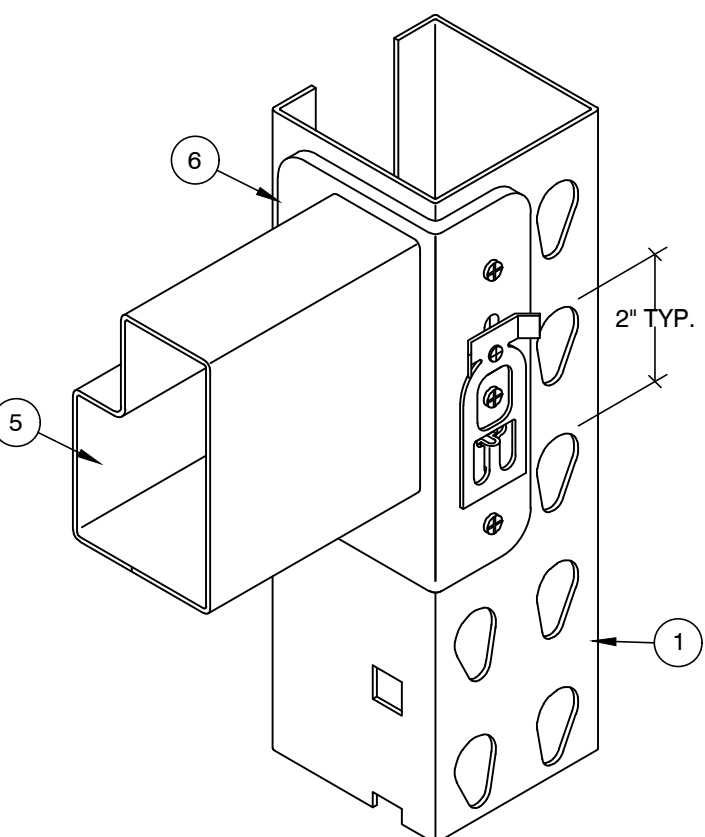


4A HORIZONTAL & DIAGONAL BRACE

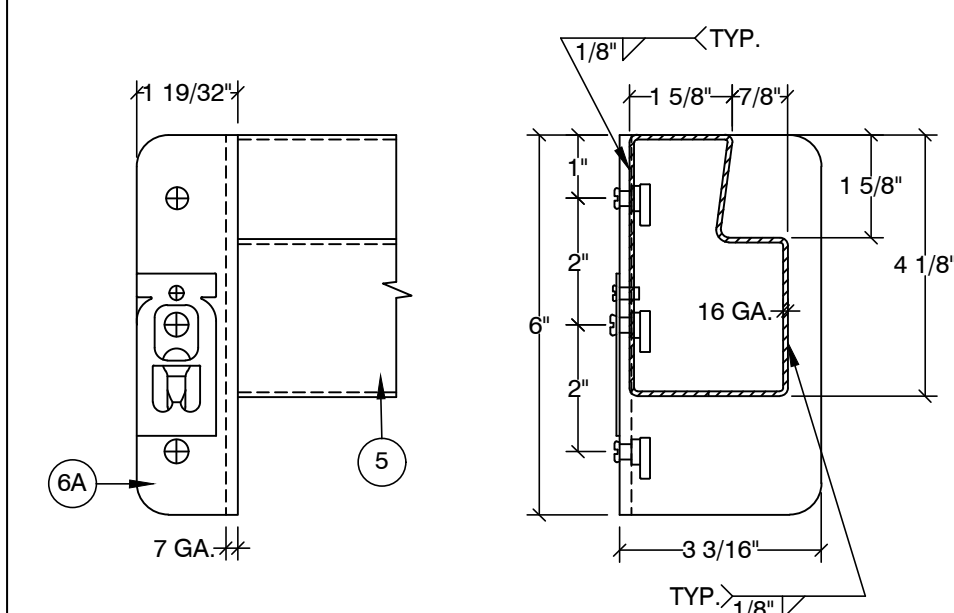


GENERAL CONFIGURATION

- NOTES:**
- DESIGNED PER SECTION 2209 OF THE 2021 IBC.
Fa = 1.2 & Ss = 1.26.
SEISMIC DESIGN CATEGORY: D.
 - STORAGE CAPACITY: 5,000# PER LEVEL.
 - STEEL: ASTM A1011 FOR SHAPE Fy = 55,000 PSI GRADE 55.
 - ALL BOLTS: A307 (UNLESS OTHERWISE NOTED).
 - ANCHORS: HILTI KWIK BOLT TZ 2, ICC #ESR-4266.
 - PERIODIC SPECIAL INSPECTION IS REQUIRED DURING ANCHOR INSTALLATION.
 - CONCRETE: 7" THICK x 4,000 PSI.
(DISTURBED SOIL: 500 PSF)
 - 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.
 - 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:
 - PROHIBIT ANY OVER LOADING OF ANY PALLET POSITIONS AND OF THE OVERALL RACK SYSTEM.
 - 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.
 - REQUIRE ALL PALLETS TO BE MAINTAINED IN GOOD, SAFE OPERATING CONDITION.
 - ENSURE THAT PALLETS ARE PROPERLY PLACED ONTO PALLET LOAD SUPPORT MEMBERS IN PROPERLY STACKED AND STABLE POSITION.
 - REQUIRE THAT ALL GOODS STORED ON EACH PALLET TO BE PROPERLY STACKED AND STABLE.
 - PROHIBIT DOUBLE STACKING OF ANY PALLET POSITION, INCLUDING THE TOP MOST POSITION, UNLESS THE RACK SYSTEM IS SPECIFICALLY DESIGNED FOR SUCH LOADING.
 - ENSURE THAT THE RACKS ARE NOT MODIFIED OR REARRANGED IN A MANNER NOT WITHIN THE ORIGINAL DESIGN CONFIGURATIONS.



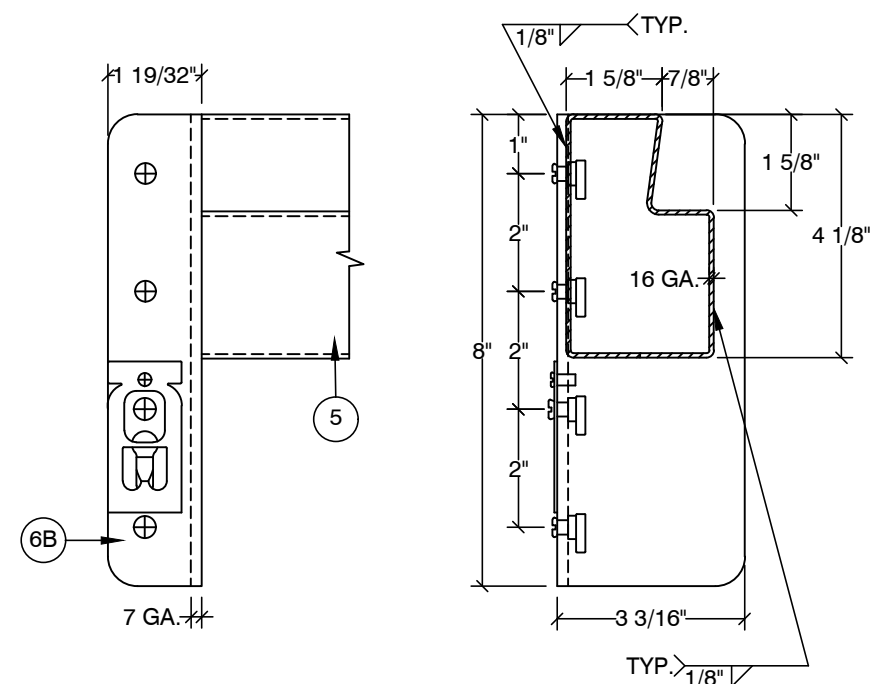
V-B TYPICAL BEAM TO COLUMN CONNECTION



USE AT 2ND BEAM LEVEL AND ABOVE

6A CONNECTOR

5 BEAM

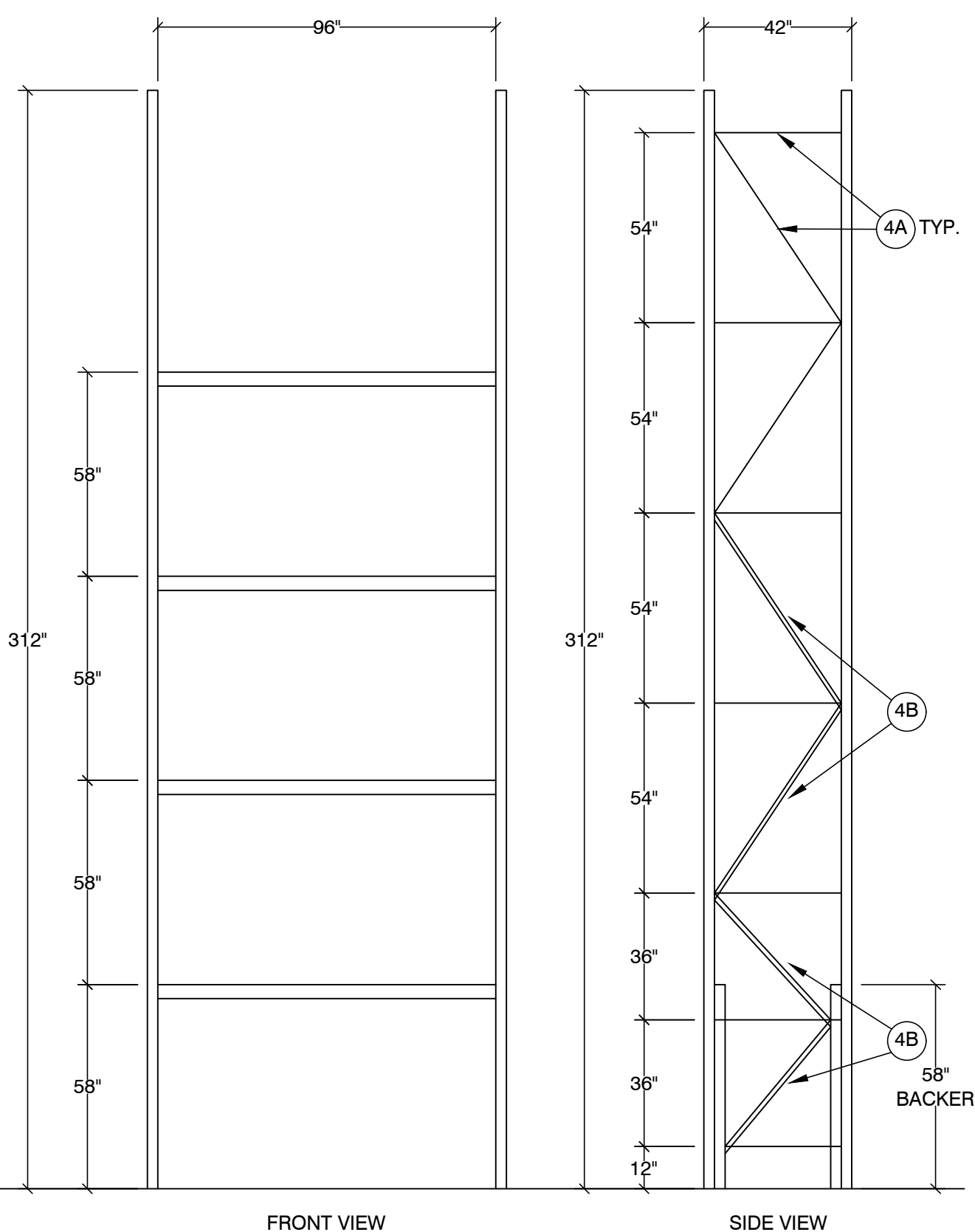


USE AT 1ST BEAM LEVEL

6B CONNECTOR

5 BEAM

TYPE A



FRONT VIEW

SIDE VIEW

STORAGE RACK ELEVATIONS

ADDRESS:
RED DOT CORP. WA
2504 EAST MAIN AVE
PUYALLUP, WA 98372

REV	DATE	BY	DESCRIPTION

REV	DATE	BY	DESCRIPTION

SEIZMIC
EST. 1985
SEIZMIC
ENGINEERING, INC.
1130 E. Cypress St.
Covina, California
91724
Tel. (909)869-0989

DRAWN BY: J.L./A.N.
DATE: 04/18/24
LAST REV BY: A.N.
REV DATE: 06/04/24
TYPE: SPC
SCALE: N.T.S.
APRVD BY: SAL E. FATEEN

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

DESCRIPTION:
STORAGE RACK DETAILS (24-1042-A)

DRAWING NUMBER:
SS7