Development Services

From Concept to Construction

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More Contact Info (http://www.portlandoregon.gov//bds/article/519984)



APPEAL SUMMARY

Status:	Decision	Rendered
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Appeal ID: 28287	Project Address: 1025 SW Mill St	
Hearing Date: 1/25/23	Appellant Name: Eric Hasenberg	
Case No. : B-003	Appellant Phone: 5036809422	
Appeal Type: Building	Plans Examiner/Inspector: Brian McCall	
Project Type: commercial	Stories: 5 Occupancy: A-3, B Construction Type: Type I-B	
Building/Business Name: Vernier Science Center	Fire Sprinklers: Yes - Throughout	
Appeal Involves: Alteration of an existing structure	LUR or Permit Application No.: 22-182279-CO	
Plan Submitted Option: pdf [File 1]	Proposed use: University Building	

APPEAL INFORMATION SHEET

Appeal item 1

Codo	Section
Code	Section

1015.2

Requires

Guards shall be located along open-sided walking surfaces, including mezzanines, equipment platforms, aisles, stairs, ramps and landings that are located more than 30 inches measured vertically to the floor or grade below at any point within 36 inches horizontally to the edge of the open side. Guards shall be adequate in strength and attachment in accordance with Section

Code Modification or **Alternate Requested**

Secured service walkway for window washing / maintenance is provided with fall protection cable

Proposed Design

In the building renovation a new building skin system is being provided with secure access doors to the service walkway. This allows for better maintenance access to this area. The existing condition require climbing through a window above the floor to achieve access. We have also provided a continuous tie off cable along the entire face of the façade that davits are attached to the existing columns. This cable is mounted at 42" above the the service walkway. Only trained serve personnel will access the walkway by way of secured door and then tie off to cable as they walk along the service walkway. The main activity is for window washing and periodical maintenance. This cable system is indicated on the fall protection plan drawings provided.

Reason for alternative The proposed design is to provide upgraded secured fall protection without having to install guardrails along the façade at each level on both the north and south elevation. The original building design is without guardrail and we would be keeping with this same aesthetic look at the same time upgrading the safety of the service personnel by installing a fall protection cable system along the entire façade both north and south at levels 2-5. Doors that access this service walkway with be secured from public access and only trained personnel will access walkway.

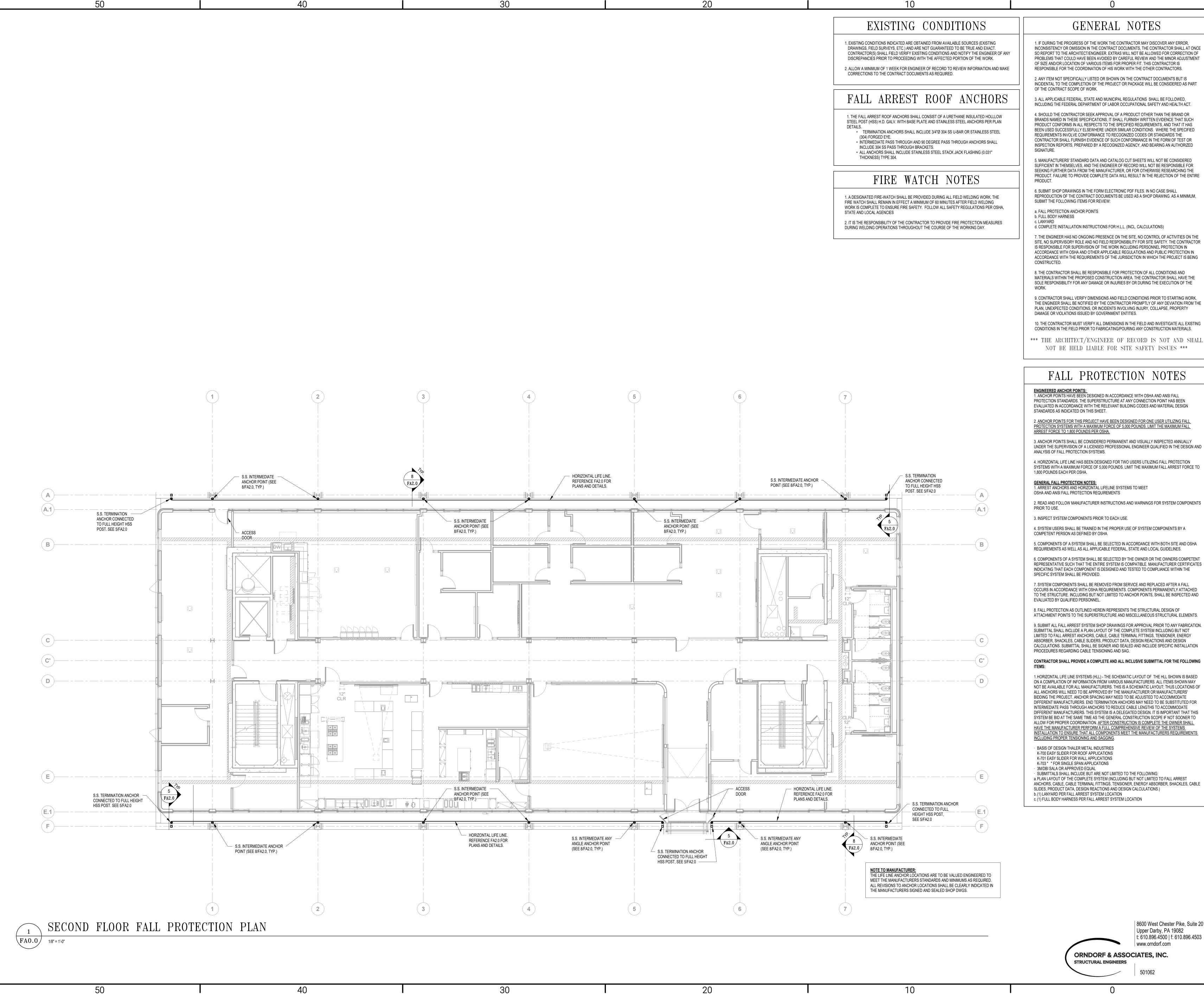
APPEAL DECISION

Omission of guards at non public walkway used for window washing and maintenance: Granted as proposed.

Note: This decision does not waive any Federal or other Agency requirements.

The Administrative Appeal Board finds that the information submitted by the appellant demonstrates that the approved modifications or alternate methods are consistent with the intent of the code; do not lessen health, safety, accessibility, life, fire safety or structural requirements; and that special conditions unique to this project make strict application of those code sections impractical.

Pursuant to City Code Chapter 24.10, you may appeal this decision to the Building Code Board of Appeal within 90 calendar days of the date this decision is published. For information on the appeals process, go to www.portlandoregon.gov/bds/appealsinfo, call (503) 823-6251 or come in to the Development Services Center.



GENERAL NOTES

SO REPORT TO THE ARCHITECT/ENGINEER. EXTRAS WILL NOT BE ALLOWED FOR CORRECTION OF PROBLEMS THAT COULD HAVE BEEN AVOIDED BY CAREFUL REVIEW AND THE MINOR ADJUSTMENT OF SIZE AND/OR LOCATION OF VARIOUS ITEMS FOR PROPER FIT. THIS CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF HIS WORK WITH THE OTHER CONTRACTORS.

2. ANY ITEM NOT SPECIFICALLY LISTED OR SHOWN ON THE CONTRACT DOCUMENTS BUT IS INCIDENTAL TO THE COMPLETION OF THE PROJECT OR PACKAGE WILL BE CONSIDERED AS PART

3. ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED,

BRANDS NAMED IN THESE SPECIFICATIONS, IT SHALL FURNISH WRITTEN EVIDENCE THAT SUCH PRODUCT CONFORMS IN ALL RESPECTS TO THE SPECIFIED REQUIREMENTS, AND THAT IT HAS BEEN USED SUCCESSFULLY ELSEWHERE UNDER SIMILAR CONDITIONS. WHERE THE SPECIFIED REQUIREMENTS INVOLVE CONFORMANCE TO RECOGNIZED CODES OR STANDARDS THE CONTRACTOR SHALL FURNISH EVIDENCE OF SUCH CONFORMANCE IN THE FORM OF TEST OR INSPECTION REPORTS, PREPARED BY A RECOGNIZED AGENCY, AND BEARING AN AUTHORIZED

5. MANUFACTURERS' STANDARD DATA AND CATALOG CUT SHEETS WILL NOT BE CONSIDERED SUFFICIENT IN THEMSELVES, AND THE ENGINEER OF RECORD WILL NOT BE RESPONSIBLE FOR SEEKING FURTHER DATA FROM THE MANUFACTURER, OR FOR OTHERWISE RESEARCHING THE PRODUCT. FAILURE TO PROVIDE COMPLETE DATA WILL RESULT IN THE REJECTION OF THE ENTIRE

6. SUBMIT SHOP DRAWINGS IN THE FORM ELECTRONIC PDF FILES. IN NO CASE SHALL REPRODUCTION OF THE CONTRACT DOCUMENTS BE USED AS A SHOP DRAWING. AS A MINIMUM,

SITE, NO SUPERVISORY ROLE AND NO FIELD RESPONSIBILITY FOR SITE SAFETY. THE CONTRACTOR IS RESPONSIBLE FOR SUPERVISION OF THE WORK INCLUDING PERSONNEL PROTECTION IN ACCORDANCE WITH OSHA AND OTHER APPLICABLE REGULATIONS AND PUBLIC PROTECTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE JURISDICTION IN WHICH THE PROJECT IS BEING

MATERIALS WITHIN THE PROPOSED CONSTRUCTION AREA. THE CONTRACTOR SHALL HAVE THE SOLE RESPONSIBILITY FOR ANY DAMAGE OR INJURIES BY OR DURING THE EXECUTION OF THE

9. CONTRACTOR SHALL VERIFY DIMENSIONS AND FIELD CONDITIONS PRIOR TO STARTING WORK, THE ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR PROMPTLY OF ANY DEVIATION FROM THE PLAN, UNEXPECTED CONDITIONS, OR INCIDENTS INVOLVING INJURY, COLLAPSE, PROPERTY DAMAGE OR VIOLATIONS ISSUED BY GOVERNMENT ENTITIES.

10. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS IN THE FIELD AND INVESTIGATE ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO FABRICATING/POURING ANY CONSTRUCTION MATERIALS.

*** THE ARCHITECT/ENGINEER OF RECORD IS NOT AND SHALL NOT BE HELD LIABLE FOR SITE SAFETY ISSUES ***

FALL PROTECTION NOTES

1. ANCHOR POINTS HAVE BEEN DESIGNED IN ACCORDANCE WITH OSHA AND ANSI FALL PROTECTION STANDARDS. THE SUPERSTRUCTURE AT ANY CONNECTION POINT HAS BEEN EVALUATED IN ACCORDANCE WITH THE RELEVANT BUILDING CODES AND MATERIAL DESIGN

2. ANCHOR POINTS FOR THIS PROJECT HAVE BEEN DESIGNED FOR ONE USER UTILIZING FALL PROTECTION SYSTEMS WITH A MAXIMUM FORCE OF 5,000 POUNDS. LIMIT THE MAXIMUM FALL

3. ANCHOR POINTS SHALL BE CONSIDERED PERMANENT AND VISUALLY INSPECTED ANNUALLY

4. HORIZONTAL LIFE LINE HAS BEEN DESIGNED FOR TWO USERS UTILIZING FALL PROTECTION SYSTEMS WITH A MAXIMUM FORCE OF 5,000 POUNDS. LIMIT THE MAXIMUM FALL ARREST FORCE TO

2. READ AND FOLLOW MANUFACTURER INSTRUCTIONS AND WARNINGS FOR SYSTEM COMPONENTS

4. SYSTEM USERS SHALL BE TRAINED IN THE PROPER USE OF SYSTEM COMPONENTS BY A

5. COMPONENTS OF A SYSTEM SHALL BE SELECTED IN ACCORDANCE WITH BOTH SITE AND OSHA REQUIREMENTS AS WELL AS ALL APPLICABLE FEDERAL, STATE AND LOCAL GUIDELINES. 6. COMPONENTS OF A SYSTEM SHALL BE SELECTED BY THE OWNER OR THE OWNERS COMPETENT REPRESENTATIVE SUCH THAT THE ENTIRE SYSTEM IS COMPATIBLE. MANUFACTURER CERTIFICATES

7. SYSTEM COMPONENTS SHALL BE REMOVED FROM SERVICE AND REPLACED AFTER A FALL OCCURS IN ACCORDANCE WITH OSHA REQUIREMENTS. COMPONENTS PERMANENTLY ATTACHED TO THE STRUCTURE. INCLUDING BUT NOT LIMITED TO ANCHOR POINTS, SHALL BE INSPECTED AND

ATTACHMENT POINTS TO THE SUPERSTRUCTURE AND MISCELLANEOUS STRUCTURAL ELEMENTS.

SUBMITTAL SHALL INCLUDE A PLAN LAYOUT OF THE COMPLETE SYSTEM INCLUDING BUT NOT LIMITED TO FALL ARREST ANCHORS, CABLE, CABLE TERMINAL FITTINGS, TENSIONER, ENERGY ABSORBER, SHACKLES, CABLE SLIDERS, PRODUCT DATA, DESIGN REACTIONS AND DESIGN CALCULATIONS. SUBMITTAL SHALL BE SIGNER AND SEALED AND INCLUDE SPECIFIC INSTALLATION

CONTRACTOR SHALL PROVIDE A COMPLETE AND ALL INCLUSIVE SUBMITTAL FOR THE FOLLOWING

1.HORIZONTAL LIFE LINE SYSTEMS (HLL) - THE SCHEMATIC LAYOUT OF THE HLL SHOWN IS BASED ON A COMPILATION OF INFORMATION FROM VARIOUS MANUFACTURERS. ALL ITEMS SHOWN MAY NOT BE AVAILABLE FOR ALL MANUFACTURERS. THIS IS A SCHEMATIC LAYOUT; THUS LOCATIONS OF ALL ANCHORS WILL NEED TO BE APPROVED BY THE MANUFACTURER OR MANUFACTURERS' BIDDING THE PROJECT. ANCHOR SPACING MAY NEED TO BE ADJUSTED TO ACCOMMODATE DIFFERENT MANUFACTURERS. END TERMINATION ANCHORS MAY NEED TO BE SUBSTITUTED FOR INTERMEDIATE PASS THROUGH ANCHORS TO REDUCE CABLE LENGTHS TO ACCOMMODATE DIFFERENT MANUFACTURERS. THIS SYSTEM IS A DELEGATED DESIGN. IT IS IMPORTANT THAT THIS SYSTEM BE BID AT THE SAME TIME AS THE GENERAL CONSTRUCTION SCOPE IF NOT SOONER TO ALLOW FOR PROPER COORDINATION. <u>AFTER CONSTRUCTION IS COMPLETE THE OWNER SHALL</u> HAVE THE MANUFACTURER PERFORM A FULL COMPREHENSIVE REVIEW OF THE SYSTEMS INSTALLATION TO ENSURE THAT ALL COMPONENTS MEET THE MANUFACTURERS REQUIREMENTS INCLUDING PROPER TENSIONING AND SAGGING.

· SUBMITTALS SHALL INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: a. PLAN LAYOUT OF THE COMPLETE SYSTEM (INCLUDING BUT NOT LIMITED TO FALL ARREST ANCHORS, CABLE, CABLE TERMINAL FITTINGS, TENSIONER, ENERGY ABSORBER, SHACKLES, CABLE SLIDES, PRODUCT DATA, DESIGN REACTIONS AND DESIGN CALCULATIONS.)

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Reichle Associates FALL PROTECTION RISK CONSULTANTS 610 - 793 - 0137 WWW.reichleassoc.com

OR.P.E. # 93629PE

KEVIN R. ORNDORF

MARK	DATE	DESCRIPTION
Issued:		09/30/2022
Scale:		As indicated

PERMIT SET

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Upper Darby, PA 19082

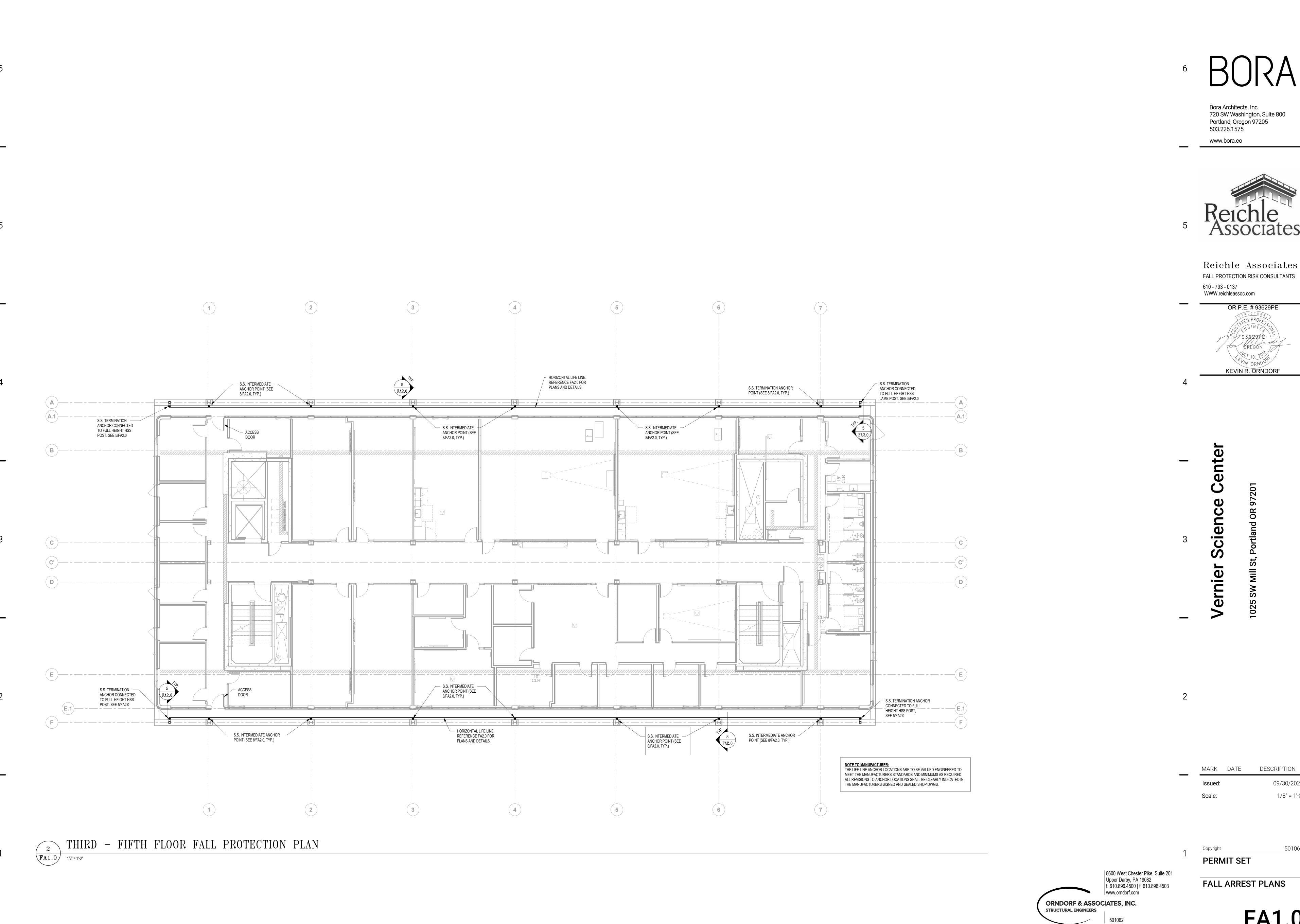
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FALL ARREST GENERAL NOTES & PLANS

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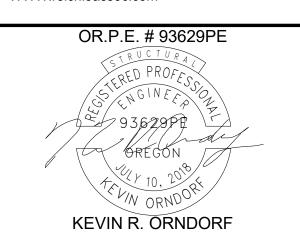


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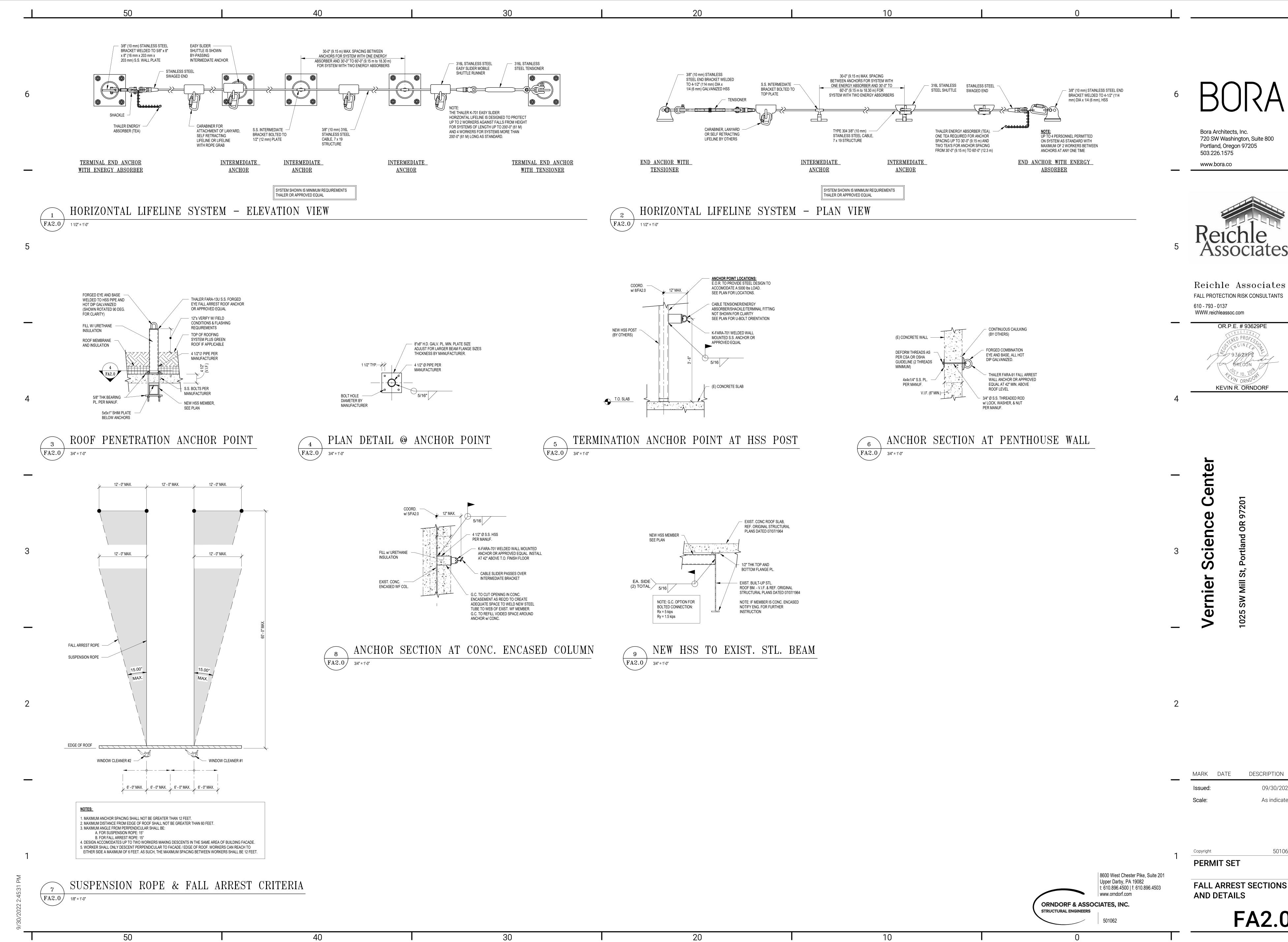


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 Issued:		09/30/2022
Scale:		1/8" = 1'-0

501062 PERMIT SET

FALL ARREST PLANS

FA1.0



FA2.0

As indicated

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