

# Development Services

## From Concept to Construction

Phone: 503-823-7300 Email: [bds@portlandoregon.gov](mailto:bds@portlandoregon.gov) 1900 SW 4th Ave, Portland, OR 97201

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



### APPEAL SUMMARY

**Status:** Decision Rendered - Held over from ID 20210 (4/3/19) for additional information

<b>Appeal ID:</b> 20267	<b>Project Address:</b> 1440 N Rivergate Blvd
<b>Hearing Date:</b> 4/17/19	<b>Appellant Name:</b> Gary M. Livermore
<b>Case No.:</b> B-018	<b>Appellant Phone:</b> 503-892-3002
<b>Appeal Type:</b> Building	<b>Plans Examiner/Inspector:</b> Connie Jones
<b>Project Type:</b> commercial	<b>Stories:</b> 1 <b>Occupancy:</b> B <b>Construction Type:</b> V-B
<b>Building/Business Name:</b>	<b>Fire Sprinklers:</b> Yes - 13d Sprinklers in Trailer
<b>Appeal Involves:</b> Erection of a new structure	<b>LUR or Permit Application No.:</b> 18-269100-CO
<b>Plan Submitted Option:</b> pdf [File 1] [File 2] [File 3] [File 4]	<b>Proposed use:</b> General Office

### APPEAL INFORMATION SHEET

#### Appeal item 1

**Code Section** 503.1, 602.1

**Requires** OSSC Section 503.1 states that the building height and area shall not exceed the limits specified in Table 503 based on the type of construction as determined by Section 602 and the occupancies as determined by Section 302 except as modified thereafter. Each portion of a building separated by one or more fire walls complying with Section 706 shall be considered a separate building.

OSSC Section 602.1 states that buildings and structures erected or to be erected, altered altered or extended in height or area shall be classified in one of the five construction types defined in Sections 602.2 through 602.5. The building elements and exterior walls shall have fire ratings as identified in Chapter 6.

**Proposed Design** EVRAZ intends to install two trailers at the south side of the existing Pipe Forming Mill Building on their site. The Pipe Forming Mill is approximately 232,000 square feet, single-story, Type IIB construction (nonsprinklered) and F-2 occupancy. It was permitted in 2005 as an unlimited area building. The trailers are 480 square feet and 2,160 square feet respectively and are premanufactured units of VB. The 480 square foot unit will be located 9'-0" from the face of the Pipe Forming Mill Building and the 2,160 square foot unit will be located 5'-0" from the face of the existing building.

The trailers will have NFPA 13d sprinklers throughout.

**Reason for alternative** The trailers are premanufactured units of VB construction that cannot be modified or their "gold seal" certification will be invalidated. They must be located adjacent to the existing Pipe Forming Mill to provide the required support functions to the existing building. The roadway to the south

does not allow the buildings to be moved any further away from the existing Pipe Forming Mill Building.

NFPA 13d sprinklers will be provided in the two trailers. This sprinkler system will be provided in another trailer that will be installed on site (Fire Code Appeal #19026). Four fire hydrants are located in the roadway to the south of the trailers and existing building. One hydrant is directly in front of the trailers (see drawing FR1.00).

The combined area of the trailers is approximately 1% of the area of the Pipe Forming Mill Building. They provide little danger to the existing noncombustible building. Trailers are also approximately 75'-0" from the property line to the south.

## Appeal item 2

<b>Code Section</b>	507.5
<b>Requires</b>	OSSC Section 507.5 allows for a reduction in the 60 foot yards of unlimited area buildings. This section applies to nonsprinklered, one story Group F-2 buildings among others.
<b>Proposed Design</b>	<p>EVRAZ intends to install two trailers on the south side and adjacent to the existing :Pipe Forming Mill Building. One trailer will be 9'-0" from the face of the Pipe Forming Mill Building and the other trailer will be 5'-0" from the face of the building. The trailer that is located 9'-0" from the Pipe Forming Mill Building is 480 square feet. The second trailer is 2,160 square feet. The buildings will provide support office and toilet room space for the adjacent Pipe Forming Mill Building and are Type VB construction and B occupancy. EVRAZ intends to install NFPA 13d sprinklers in these trailers.</p> <p>The Pipe Forming Mill is approximately 232,000 square feet, single-story and Type IIB construction (nonsprinklered) and F-2 occupancy. It was permitted in 2005 as an unlimited area building. An appeal (#1858) was approved during the permitting of this building to allow an approximately 77'-7" length of wall section to be to have a reduced yard distance of 56'-5'.</p> <p>Directly north of the existing Pipe Forming Mill Building is the Pipe Coating Mill Building. Approximately 95'-0" of this building is within approximately 20'-0" of the face of the Pipe Forming Mill Building. Approximately 180'-0" of this building is with 45'-0" of the face of the Pipe Forming Mill Building. The Coating Mill Building is 107,675 square feet, single-story. It was permitted in 2006 as Type IIB construction (sprinklered) and F-2 occupancy. Accessory occupancies in this building (H-3 and B) are approximately 8.1% of the overall area of the building.</p> <p>A reconsideration is requested of the encroachment of the Coating Mill Building to the north into the 60 foot yard of the Pipe Forming Mill Building. It appears that this condition was not previously addressed when it was permitted adjacent to the Pipe Forming Mill Building. It seems that these buildings should be considered as a single unlimited area building.</p> <p>A reconsideration is also requested of Appeal #1858 which allowed no future expansion in the 60'-0" yard to the south of the Pipe Forming Mill Building. The trailers will be installed in this 60'-0" yard.</p>
<b>Reason for alternative</b>	<p>The trailers are premanufactured units of VB construction and cannot be modified. They must be located adjacent to the existing Pipe Forming Mill Building to provide the required function.</p> <p>The installation of the trailers creates a reduction in the 60 foot yards of the two existing buildings of 100 feet which is approximately the same amount of the previously approved Appeal #1858. Even with the reduced yards related to Appeal #1858 and the two trailers, the buildings maintain</p>

60 foot yards around approximately 95% of their perimeter. It should also be noted that although the two trailers, which total 2,640 square feet, are within the 60 foot yard of the existing building, they provide a 75'-0" yard to the adjacent property line to the south.

The trailers will be equipped with NFPA 13d sprinklers. The south side of the Pipe Forming Mill Building as well as the trailers, are further protected by 4 fire hydrants along the roadway at the south of the Pipe Forming Mill Building. One hydrant is directly in front of the trailers (see attached Fire & Rescue Plan FR1.00).

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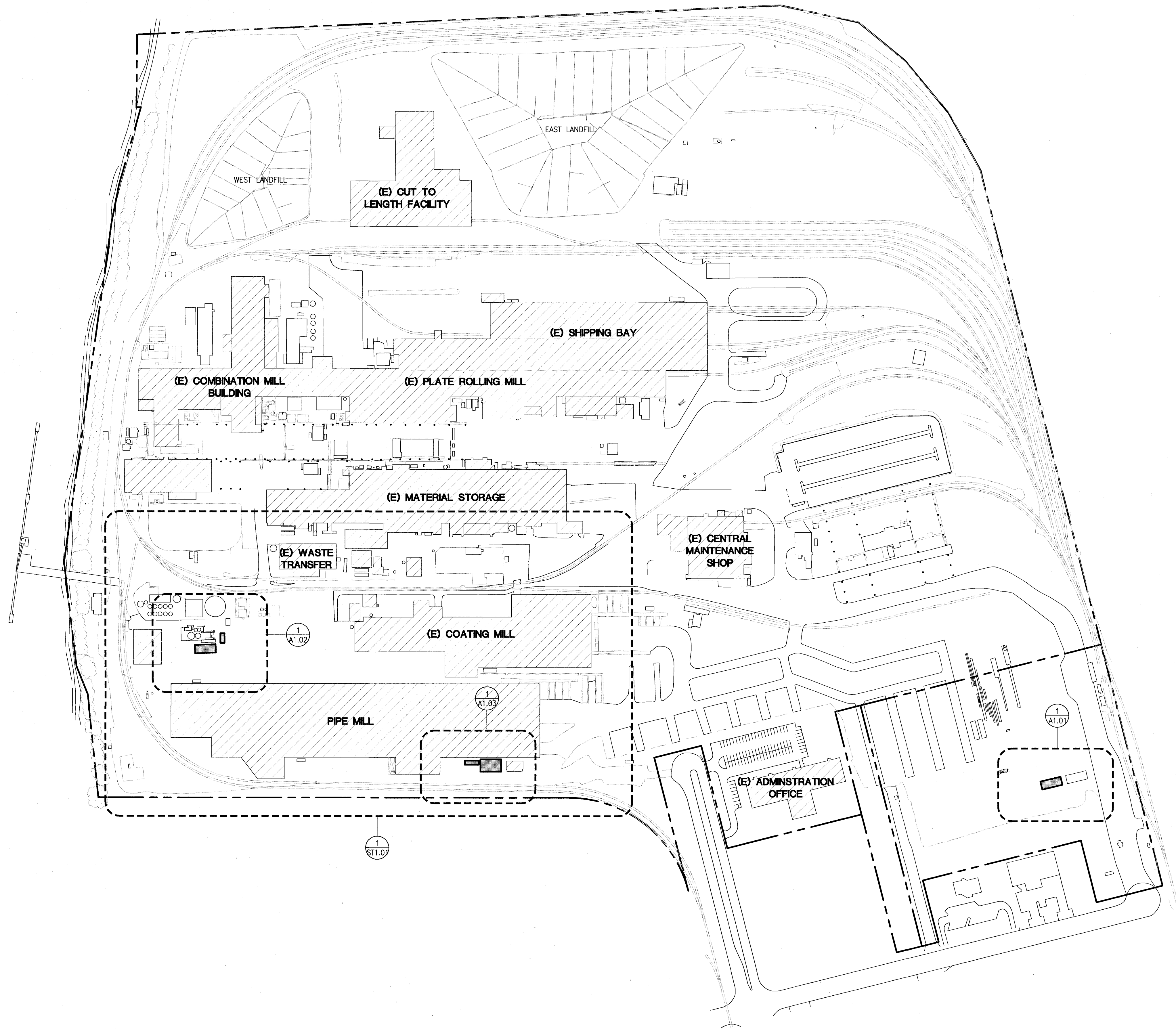
## APPEAL DECISION

**1. Separation between Type VB and Type IIB construction: Granted as proposed.**

**2. Encroachment into 60 foot yards for unlimited area building: Granted as proposed.**

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 180 calendar days of the date this decision is published. For information on the appeals process and costs, including forms, appeal fee, payment methods and fee waivers, go to [www.portlandoregon.gov/bds/appealsinfo](http://www.portlandoregon.gov/bds/appealsinfo), call (503) 823-7300 or come in to the Development Services Center.



### GENERAL NOTES

- THE CONTRACTOR SHALL HAVE A FULL SET OF THE CURRENT APPROVED CONSTRUCTION DOCUMENTS INCLUDING ADDENDA ON THE PROJECT SITE AT ALL TIMES
- THE CONTRACTOR SHALL COMPLY WITH LOCAL UTILITY PROVIDERS REQUIRING NOTIFICATION OF INTENDED EXCAVATION.
- ALL WORK SHALL COMPLY WITH THE LOCAL JURISDICTION REQUIREMENTS AND THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS SHOWN OR IMPLIED WHICH MAY AFFECT THE WORK PRIOR TO THE START OF CONSTRUCTION AND NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES.
- EXISTING CONDITIONS BASED ON DRAWINGS BY EVRAZ DATED 07/26/2018

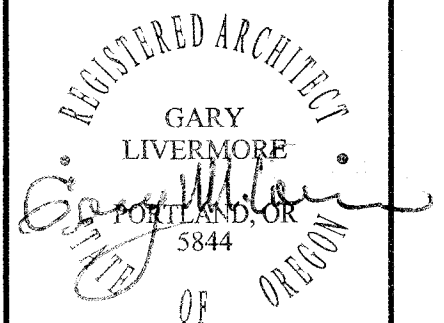
### GENERAL SITE INFORMATION

LEGAL DESCRIPTION	TAX LOT-22, 25, 27, 71 - SECTION 26, T2N, R1W, WM
ZONING	IH - HEAVY INDUSTRIAL
BASE	HJK - AIRCRAFT LANDING, RIVER INDUSTRIAL, PRIME INDUSTRIAL
OVERLAY	
SITE AREA	145.82 ACRES

### LEGEND

(E)	EXISTING
	EXISTING BUILDING
	TRAILER INSTALLATION

#	DATE	DESC.
1	10/25/18	ISSUED FOR PERMIT
2	11/15/18	REVISED FOR PERMIT
3	3/04/19	ISSUED FOR CITY COMMENTS
5	3/28/19	LNS APPEAL
6	4/15/19	ISSUED FOR CITY COMMENTS



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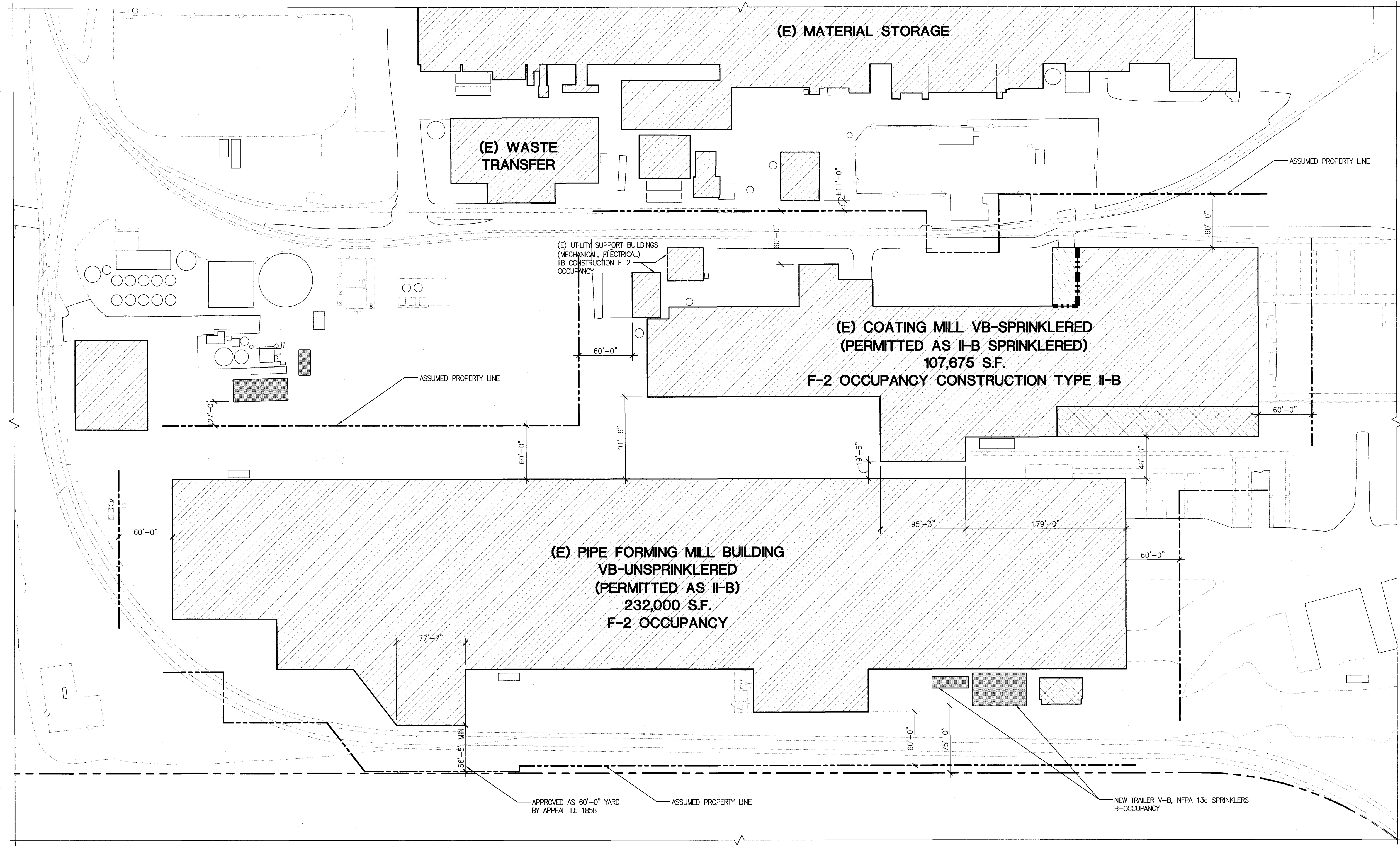
Livermore A&E  
JOB NO: 218064.00

TRAILER INSTALLATION FOR  
**EVRAZ OREGON STEEL PORTLAND**  
14400 N RIVERGATE BLVD.  
PORTLAND, OREGON 97203

DRAWING TITLE:  
**SITE PLAN**  
DRAWN BY: TKP  
CHECKED BY: GML

**ST1.00**





**ENLARGED SITE PLAN PIPE FORMING AREA/ COATING MILL CODE REVIEW**

**(E) COATING MILL CODE REVIEW**

PERMIT No.: 06-130004-000-00-CO  
APPROVED OCCUPANCY: F2, H-3 PAINT STORAGE ROOM, II-B CONSTRUCTION, SPRINKLERED, ONE STORY.  
ACTUAL BUILDING AREA: 107,675 SF.  
H-3 OCCUPANCY AREA: 1,820 SF.  
B OCCUPANCY AREA: 6,915 SF.  
ACCESSORY TO F-2 OCCUPANCY AREA: 8,735 SF. (B OCCUPANCY)  
TOTAL ACCESSORY AREA/ ACTUAL BUILDING AREA: 8,735 SF./ 107,675 SF. = 8.11% < 10%

**(E) PIPE FORMING MILL CODE REVIEW**

PERMIT No.: 05-117941-000-00-CO  
APPROVED OCCUPANCY: F2, II-B CONSTRUCTION, UNSPRINKLERED, ONE STORY.  
ACTUAL BUILDING AREA: 232,000 SF.  
**(N) TRAILERS**  
OCCUPANCY: B, VB CONSTRUCTION, NFPA 13d SPRINKLERS.  
ACTUAL BUILDING AREA: 480 SF. + 2,160 SF. = 2,640 SF.

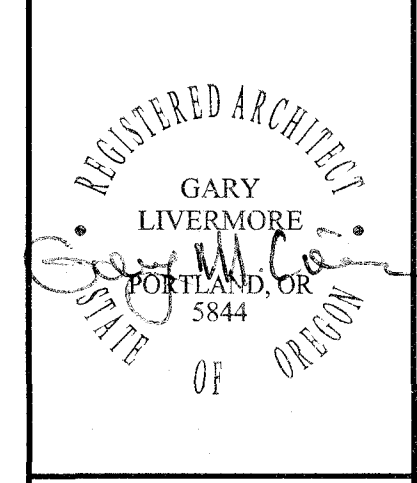
**CODE PLAN LEGEND**

- (E) EXISTING
- OCCUPANCY GROUPS:
- B
  - F-2
  - S-1
  - H-3
- TRAILER INSTALLATION
- (E) FIRE BARRIER - 2 HR FIRE RATING

**GENERAL NOTES**

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- ALL WORK SHALL COMPLY WITH THE LOCAL JURISDICTION REQUIREMENTS AND THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS SHOWN OR IMPLIED WHICH MAY AFFECT THE WORK PRIOR TO THE START OF CONSTRUCTION AND NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES.
- EXISTING CONDITIONS BASED ON DRAWINGS BY EVRAZ DATED 07/26/2018

#	DATE	DESC.
1	3/04/19	ISSUED FOR CITY COMMENTS
5	3/29/19	LNS APPEAL
6	4/15/19	ISSUED FOR CITY COMMENTS



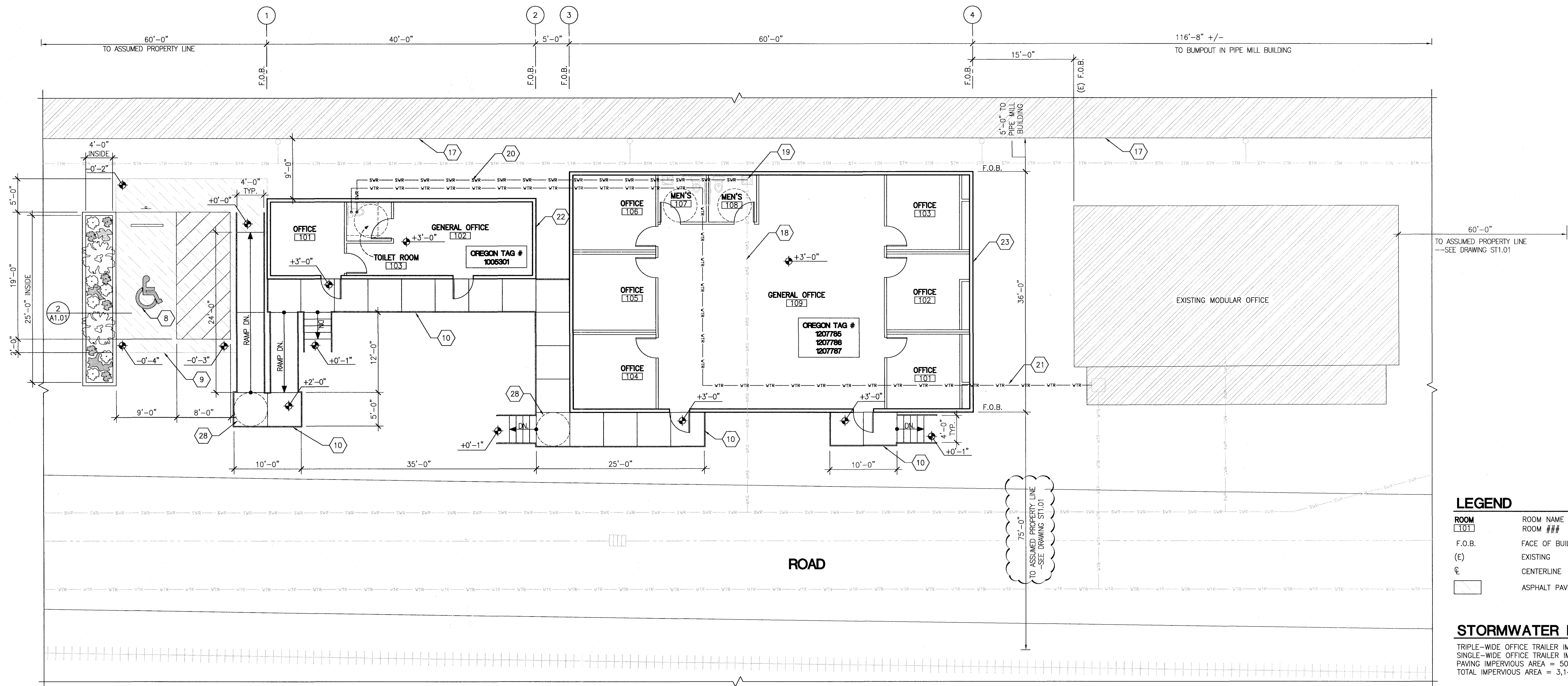
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JOB NO: 218064.00

TRAILER INSTALLATION FOR  
**EVRAZ OREGON STEEL PORTLAND**  
14400 N RIVERGATE BLVD.  
PORTLAND, OREGON 97203

DRAWING TITLE:  
**ENLARGED SITE PLAN  
PIPE FORMING AREA**  
DRAWN BY: MGV  
CHECKED BY: GML

**ST1.01**



### LEGEND

ROOM	ROOM NAME
101	ROOM ###
F.O.B.	FACE OF BUILDING
(E)	EXISTING
℄	CENTERLINE
	ASPHALT PAVING

### STORMWATER NOTES

TRIPLE-WIDE OFFICE TRAILER IMPERVIOUS AREA = 2,160 S.F.  
SINGLE-WIDE OFFICE TRAILER IMPERVIOUS AREA = 480 S.F.  
PAVING IMPERVIOUS AREA = 505 S.F.  
TOTAL IMPERVIOUS AREA = 3,145 S.F.

## 1 ENLARGED PIPE FORMING OFFICE TRAILER FLOOR PLAN

### FLOOR PLAN GENERAL NOTES

- APPLICABLE CODES: ALL WORK SHALL BE IN CONFORMANCE WITH ALL FEDERAL, STATE, AND LOCAL CODES. SPECIFICATIONS AND STANDARDS SHALL MEAN, AND ARE INTENDED TO BE, THE LATEST EDITION, AMENDMENT OR REVISION OF SUCH REFERENCE STANDARD, IN EFFECT AS OF THE DATE OF THE CONTRACT DOCUMENTS.
- CONTRACTOR TO VERIFY EXISTING CONDITIONS AND DIMENSIONS SHOWN OR IMPLIED PRIOR TO START OF CONSTRUCTION AND NOTIFY A/E OF ANY DISCREPANCIES.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY TESTING AND COORDINATE ALL REQUIRED INSPECTIONS.

### STAIR/RAMP NOTES

PROVIDE 48" WIDE COMMERCIAL PREFABRICATED ALUMINUM STAIRS & RAMP. SEE DRAWING A2.01  
MEET ALL OSSC ACCESSIBILITY REQUIREMENTS.

- RAMPS 1:12 SLOPE WITH GUARDRAILS/HANDRAILS EACH SIDE.
- PROVIDE HANDRAIL EXTENSIONS AT STAIRS & RAMPS PER OSSC ACCESSIBILITY REQUIREMENTS.
- STAIRS & RAMPS SHALL BE DESIGNED FOR 100 PSF LIVE LOAD AND HANDRAIL AND GUARDRAIL LOADS AS REQUIRED BY CODE.
- STAIRS & RAMPS SHALL BE SUBMITTED BY THE SUPPLIER AS A DEFERRED SUBMITTAL.

### UTILITY NOTES

**SANITARY**  
SANITARY: 4", MIN. 2% SLOPE.  
CAST IRON PIPE: ASTM A74, HUBLESS,  
SERVICE WEIGHT FITTING: CAST IRON  
JOINTS: NEOPRENE GASKETS AND STAINLESS STEEL CLAMP AND SHIELD ASSEMBLIES.  
CLEANOUT: HUSKY SD4000 OR APPROVED SUBSTITUTE.  
J.R. SMITH, ZURN, WADE, OR EQUAL

**WATER**  
WATER PIPING, ABOVE GRADE  
COPPER TUBING: ASTM B88, TYPE L, HARD DRAWN  
FITTING: ANSI/ASTM 16.22 SOLDER, GRADE 95TA  
INSULATION: 1/2 INCH  
DISINFECT, CLEAN, AND TEST: PER CODE

**WATER PIPING, BELOW GRADE AS APPROVED BY CITY OF PORTLAND**

### FLOOR PLAN KEYNOTES

- EXISTING MANHOLE, GRINDER PUMP.
- EXISTING 1" UNDERGROUND WATER LINE.
- EXISTING 4" UNDERGROUND SANITARY SEWER LINE --2% SLOPE.
- 24'-0" WIDE x 60'-0" LONG DOUBLE-WIDE TRAILER. PROVIDE FOUNDATIONS PER STRUCTURAL DRAWINGS. CONNECT WATER AND SEWER TO EXISTING UTILITY STUB-OUT UNDER TRAILER.
- EXISTING ELECTRICAL SERVICE.
- SAWCUT AND REMOVE EXISTING CONCRETE SLAB UNDER TRAILER FOOTPRINT.
- EXISTING CONCRETE SLAB ON GRADE.
- VAN ACCESSIBLE PARKING STRIPING AND SIGNAGE --SEE 1/A2.01.
- 3" ASPHALT PAVING OVER 6" CRUSHED ROCK BASE --SLOPE 2% MAX.
- ACCESSIBLE PRE-FABRICATED STAIRS/RAMP SYSTEM BY OTHERS. PROVIDE GUARDRAIL & HANDRAIL EACH SIDE. SEE NOTES THIS SHEET AND DRAWING A2.01
- EXISTING CONCRETE PAD.
- EXISTING CONCRETE BASE AT EXISTING COOLING TOWER.
- EXISTING STEEL STORAGE UNIT.
- LANDSCAPING PLANTER --SEE DETAIL 2/A1.01.
- 12'-0" WIDE x 28'-0" LONG SINGLE-WIDE TRAILER. PROVIDE FOUNDATIONS PER STRUCTURAL DRAWINGS. CONNECT WATER AND SEWER TO UTILITY LINE EXTENSIONS.
- 24'-0" WIDE x 60'-0" LONG DOUBLE-WIDE TRAILER. PROVIDE FOUNDATIONS PER STRUCTURAL DRAWINGS. CONNECT WATER AND SEWER TO UTILITY LINE EXTENSIONS.
- FACE OF EXISTING BUILDING.
- EXISTING UNDERGROUND SANITARY SEWER LINE --VERIFY SIZE AND DEPTH (4" LINE, 2% SLOPE).
- EXISTING SANITARY SEWER LINE STUB-UP --VERIFY SIZE AND DEPTH. EXTEND LINE TO THE WEST IF POSSIBLE.
- UNDERGROUND SANITARY SEWER LINE EXTENSION --4" LINE, 2% SLOPE. VERIFY DEPTH OF LINE AT CONNECTION TO EXISTING LINE.
- EXTEND EXISTING 1" UNDERGROUND WATER LINE FROM EXISTING TRAILER. VERIFY SIZE OF EXISTING LINE.
- 12'-0" WIDE x 40'-0" LONG SINGLE-WIDE TRAILER. PROVIDE FOUNDATIONS PER STRUCTURAL DRAWINGS. CONNECT WATER AND SEWER TO UTILITY LINE EXTENSIONS.
- 36'-0" WIDE x 60'-0" LONG TRIPLE-WIDE TRAILER. PROVIDE FOUNDATIONS PER STRUCTURAL DRAWINGS. CONNECT SEWER TO EXISTING STUB-UP. CONNECT WATER TO UTILITY EXTENSION.
- EXISTING WATER STUB --1" LINE (FIELD VERIFY).
- MANHOLE FOR LIFT STATION AND GRINDER PUMP.
- SANITARY SEWER PRESSURE LINE.
- EXISTING POWER LINE.
- 5'-0" MINIMUM TURNING RADIUS AT ALL STAIR AND RAMP LANDINGS --TYP.

### PLANT LEGEND

- (2) TREE - VINE MAPLE (ACER CIRCINATUM) MIN. OF 5 FOOT TALL, 2 INCH CALIPER FULLY BRANCHED
- (10) SHRUBS - SHINY LEAF SPIREA (SPIRAEA BETULIFOLIA VAR. LUCIOA)
- (6) SHRUBS - SNOW BERRY (SYMPHORICAPROS ALBUS)
- GROUND COVER  
12" ON CENTER, TRIANGULAR SPACING  
MIN 4" CONTAINER SIZE TO COVER 50% OF VEGETATED MOUND  
50% COLUMBIA SEDGE (CAREX APERTA)  
50% MANNA GRASS (GLYCERIA OCCIDENTALIS)  
IRRIGATION: OPTION 2 WITH CONTROLLER

### CODE REVIEW

OCCUPANCY: B OFFICE, VB CONSTRUCTION, NFPA 13d SPRINKLERS.

ACTUAL BUILDING AREA:  
TRIPLE-WIDE TRAILER: 36'-0" x 60'-0" = 2,160 SF.  
SINGLE-WIDE TRAILER: 12'-0" x 40'-0" = 480 SF

OCCUPANCY LOAD (TRIPLE-WIDE): (2,160 SF /100) = 21.6 OCCUPANTS TABLE 1004.1.1

MINIMUM EGRESS WIDTH = 0.3 INCHES x 21.6 OCCUPANTS = 6.48 INCHES

MINIMUM EGRESS WIDTH PROVIDED 2-36" DOORS = 72 INCHES

EXIT ACCESS TRAVEL DISTANCE = 200 FEET

EGRESS ILLUMINATION  
EXIT DISCHARGE ILLUMINATION SHALL BE NOT LESS THAN 1fc AT THE WALKING SURFACE.  
EXIT PATH SHALL BE ILLUMINATED BY EMERGENCY LIGHTS FOR A DURATION OF NOT LESS THAN 90 MINUTES.

### FIRE RESISTIVE REQUIREMENTS

STRUCTURAL FRAME		0 HR		
EXTERIOR BEARING WALLS		0 HR		
INTERIOR BEARING WALLS		0 HR		
EXTERIOR NON-BEARING WALLS				
	WALLS	DIST. TO PROPERTY LINE	FIRE RATING	PROTECTED OPENINGS REQ'D (OPENINGS)
	NORTH	---	0 HR	NA
	SOUTH	>60'	0 HR	NA
	EAST	>60'	0 HR	NA
	WEST	>60'	0 HR	NA
INTERIOR NON-BEARING WALLS & PARTITIONS		0 HR	NA	NA
FLOORS		0 HR	NA	NA
ROOFS		0 HR	NA	NA
CORRIDORS		0 HR	NA	NA

#	DATE	DESC.
1	10/25/18	ISSUED FOR PERMIT
2	11/15/18	REVISED FOR PERMIT
3	2/7/19	ISSUED FOR CITY COMMENTS
4	3/04/19	ISSUED FOR CITY COMMENTS
5	3/29/19	LNS APPEAL
6	4/15/19	ISSUED FOR CITY COMMENTS



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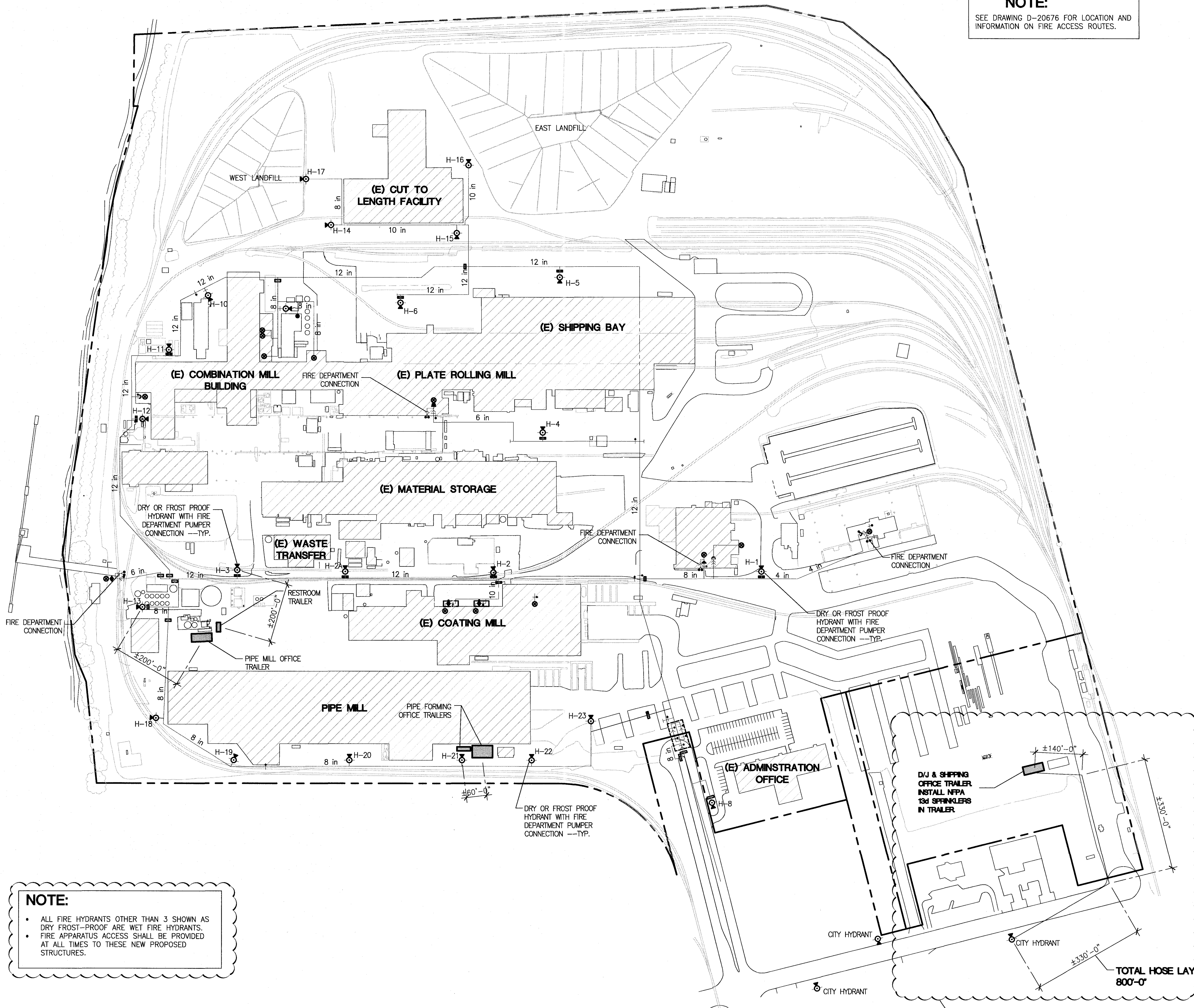
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TRAILER INSTALLATION FOR  
**EVRAZ OREGON STEEL PORTLAND**  
14400 N RIVERGATE BLVD.  
PORTLAND, OREGON 97203

DRAWING TITLE:  
**ENLARGED TRAILER  
FLOOR PLANS**  
DRAWN BY: TKP  
CHECKED BY: GML

**A1.03**





**NOTE:**  
SEE DRAWING D-20676 FOR LOCATION AND  
INFORMATION ON FIRE ACCESS ROUTES.

**NOTE:**

- ALL FIRE HYDRANTS OTHER THAN 3 SHOWN AS DRY FROST-PROOF ARE WET FIRE HYDRANTS.
- FIRE APPARATUS ACCESS SHALL BE PROVIDED AT ALL TIMES TO THESE NEW PROPOSED STRUCTURES.

**AREA OF APPEAL**  
**—APPEAL ID #19026**  
**CASE #19-16-RECONSIDERATION**

### FIRE CODE APPEAL FORM

Portland Fire & Rescue, Fire Prevention Division  
55 SW Ash St. Portland OR 97204  
Appeals Phone: (503) 823-3708 Fax: (503) 823-3710



Please only use this form if online submission is not an option. Appeal applications may be submitted and paid for online by accessing <https://www.portlandoregon.gov/bds/appeals> and choosing *New Appeal*.

- If hand delivering, mailing or emailing the appeal, submit a complete packet with the \$200 fee. Packet must include:
- This completed form. For assistance, consult the PF&R member requiring the corrections.
  - One set of plans, clearly identifying the areas being appealed and the conditions affecting the item(s) being appealed.
    - Plans should not be larger than 11" x 17".
  - Photos, illustrations and other information that may provide further clarification for the appeal.
  - Details of the appeal described on the attached *Fire Code Appeal Information Sheet(s)*.
    - Each appeal issue requires a separate appeal information sheet.
  - Multiple issues may be submitted in one appeal packet.
  - Make checks payable in the amount of \$200 to "City Treasurer". Credit card payments cannot be taken over the phone or in the office. To pay by credit card, submit the appeal online.

Mail or Deliver to: Portland Fire & Rescue, Attn: Lisa Lillard  
55 SW Ash Street  
Portland, OR 97204

**NOTE:** Packets may be emailed to [fireappeals@portlandoregon.gov](mailto:fireappeals@portlandoregon.gov). However, payment MUST be received before the appeal process will begin.

Appeals are reviewed every other Thursday and must be filed by 5:00 PM on the Monday of the appeal review week to be heard that week. If filed after 5:00 PM on Monday of the appeal review week, the review will be scheduled for the next session, two weeks later.

**PROJECT INFORMATION:** This appeal involves (Check One):

☒ Erection of a new structure Building Permit #: 18-269100-CO  
☐ Alteration of addition to an existing structure Plans Examiner Name: Joe Thornton  
☐ Correction of a violation Fire Inspector Name: \_\_\_\_\_  
☐ Other, please specify: \_\_\_\_\_

Business Name (If applicable): EVRAZ Oregon Steel  
Project Address: 14400 N Rivergate Blvd. Cross Streets: N Ramsey and N Rivergate  
Owner's Name: EVRAZ Owner's Address: 14400 N Rivergate Blvd, Pld.

In accordance with City Ordinance, I hereby make application to appeal the requirements of the Fire Code and or Policies of the City of Portland as outlined in the attached information.

Appellant Name: Gary M. Livermore Phone Number: \_\_\_\_\_  
Firm Name: Livermore Architecture & Eng Email: [garyl@livermoreeng.com](mailto:garyl@livermoreeng.com)  
Applicant Address: 1500 SW 1<sup>st</sup> Ave. Ste 240, Pld  
Applicant Signature: *Gary M. Livermore* Date: 2/26/19

FOR OFFICE USE ONLY	
Received By: _____	Appeal Date: _____
Date Received: _____	Appeal Number: _____
Receipt Number: _____	Previous Appeals: _____
Copy To: Nate Takara	

### FIRE CODE APPEAL INFORMATION SHEET

Portland Fire & Rescue, Fire Prevention Division  
55 SW Ash St. Portland OR 97204  
Appeals Phone: (503) 823-3708 Fax: (503) 823-3710



An appeal information sheet must be completed for each item being appealed. All sections must be addressed. Please provide as much detail as possible. Failure to do so may cause the appeal to be held over until adequate information is received. If you need help filling out the form, consult with the Fire Bureau member requiring the corrections or call (503) 823-3770.

Any modification of the Fire Code and/or Policies requires an appeal. A reasonable degree of Equivalent Life Safety and Fire Protection must be demonstrated before any appeal may be considered.

- 1. FIRE CODE SECTION AND/OR POLICY:**  
PF & R Access & Water Supply Guide
- 2. CODE/POLICY REQUIREMENTS:**  
Hose lay distance from the nearest fire hydrant to the most remote portion of the exterior of the building shall be less than 400 feet.
- 3. PROPOSED DESIGN:** Describe the alternate methods and/or materials of construction to be used or that exist. Be as specific and detailed as possible.  
  
The hose lay from the closest fire hydrant is approximately 800 feet. This is a public hydrant located to the west of the site entrance off N Ramsey. Since the allowable hose lay distance is exceeded, we propose to install NFPA 13d sprinklers in the new trailer. The trailer is served by a 1" water line so the capacity is available for these sprinklers.
- 4. REASON FOR ALTERNATE:** Describe the details of the alternate design and how it will provide equivalent life safety and/or fire protection.  
  
The proposed structure is a double-wide trailer that will be located in the same area as an existing trailer. Total area of the two trailers is 2,880 square feet. The trailers will be used for general office functions so occupant load will be limited. Both trailers, although very small, will have two means of egress. There are no other structures within 150 feet in any direction to these trailers. The fire hydrant that will serve this trailer is located at the main entry to the site so there will be good fire truck access to the area. The fire flow at the hydrant has been confirmed to exceed 2,500 gpm at 20 psi residual pressure. The addition of the NFPA 13d sprinklers, in addition to the items listed above, will provide equivalent life safety and fire protection.

TRAILER INSTALLATION FOR  
**EVRAZ OREGON STEEL PORTLAND**  
14400 N RIVERGATE BLVD.  
PORTLAND, OREGON 97203

DRAWING TITLE:  
**FIRE & RESCUE PLAN**  
DRAWN BY: MGV  
CHECKED BY: GML

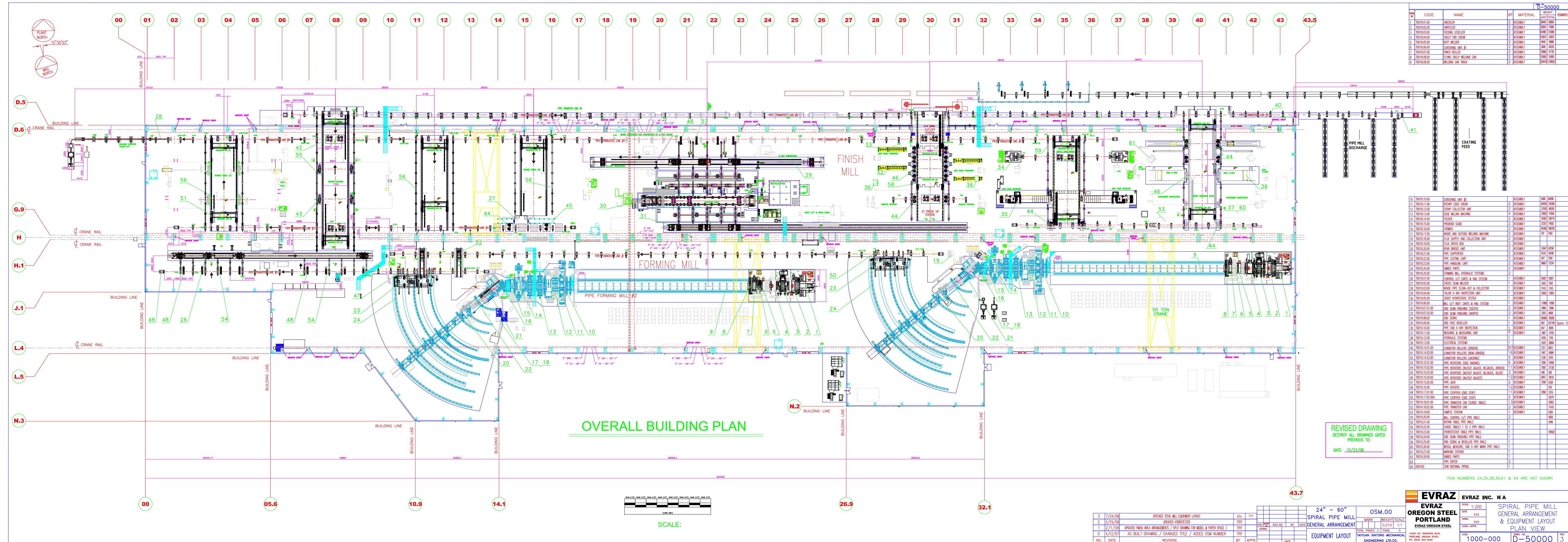
**FR1.00**

REGISTERED ARCHITECT  
GARY LIVERMORE  
PORTLAND, OREGON  
5844

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JOB NO: 218064.00



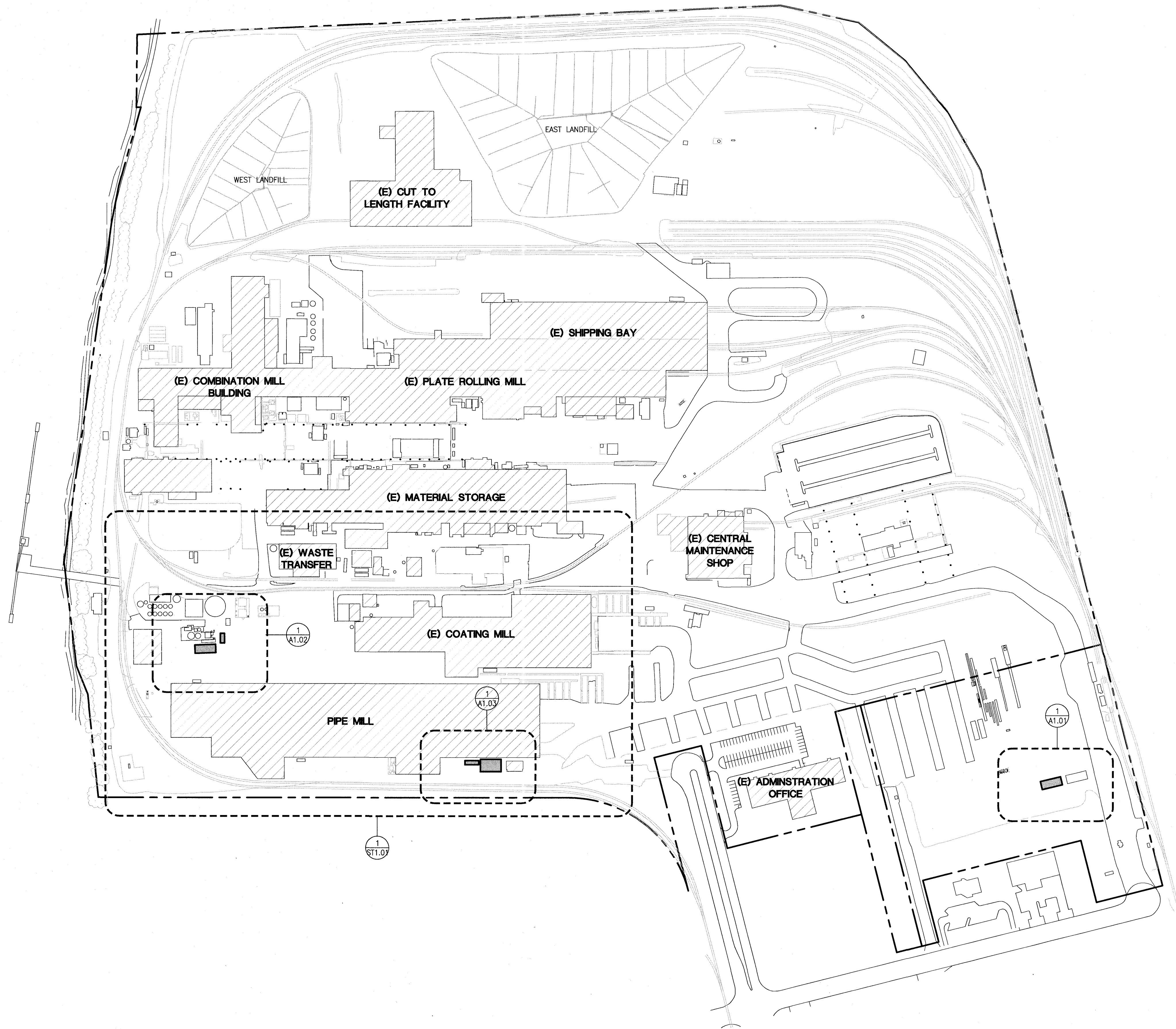


ITEM NO		CODE	NAME	QTY	MATERIAL	WEIGHT UNIT TOTAL	REMARKS
1	10018.01.00	UNCOLZER	2	ASSEMBLY	2840	5860	
2	10018.02.00	INFLER	2	ASSEMBLY	6300	12600	
3	10018.03.00	FEEDING WHEEL	2	ASSEMBLY	8400	16800	
4	10018.04.00	SKEIP DOW SHEAR	2	ASSEMBLY	4300	8600	
5	10018.05.00	BUTT WELDER	2	ASSEMBLY	840	1680	
6	10018.06.00	CENTRIFUG UNIT #1	2	ASSEMBLY	3800	7600	
7	10018.07.00	PUNCH ROLLER	2	ASSEMBLY	2800	5600	
8	10018.08.00	FLYING SKEIP WELDING CAR	2	ASSEMBLY	3800	7600	
9	10018.09.00	WELDING CAR TRACK	2	ASSEMBLY	2540	5080	

10	10:04:10.00	CENTERING UNIT #2	2	ASSEMBLY	590	6020
11	10:11:11.00	BATTERY GAGE SHEAR	2	ASSEMBLY	6260	6330
12	10:12:12.00	SCAP COLLATERAL UNIT	2	ASSEMBLY	7300	8000
13	10:13:13.00	GAGE MILLING MACHINE	4	ASSEMBLY	2300	1400
14	10:14:14.00	FEEDER	2	ASSEMBLY	3800	3870
15	10:15:15.00	PERFORM GAGE	2	ASSEMBLY	1950	1950
16	10:16:16.00	FORMER	2	ASSEMBLY	8430	8670
17	10:17:17.00	INSIDE AND OUTSIDE WELDING MACHINE	2	ASSEMBLY	891	1402
18	10:18:18.00	FLUX SUPPLY AND COLLECTION UNIT	2	ASSEMBLY		
19	10:19:19.00	FLUX BRIDGE UNIT	2	ASSEMBLY		
20	10:20:20.00	BEAR BRIDGE UNIT	2	ASSEMBLY	3140	3200
21	10:21:21.00	PIPE SUPPORTER	2	ASSEMBLY	8130	8240
22	10:22:22.00	PIPE CUTTING CART	2	ASSEMBLY	647	1204
23	10:23:23.00	PIPE HANDLING CART	2	ASSEMBLY	3660	3730
24	10:24:24.00	GAGED TRENCH	1	ASSEMBLY		
25	10:25:25.00	FORMING MILL HYDRAULIC SYSTEM	1	ASSEMBLY		
26	10:01:01.00	CONTROL, I/U/ CARTS & BAIL SYSTEM	1	ASSEMBLY	1900	1900
27	10:02:02.00	CROSS SEAM WELDER	1	ASSEMBLY	2542	2542
28	10:03:03.00	PIPE CLEAN-OUT & COLLECTOR	1	ASSEMBLY	543	543
29	10:04:04.00	YOUNG X-RAY UNIT	1	ASSEMBLY	1199	1199
30	10:05:05.00	3000 HISTORIC TESTER	1	ASSEMBLY		
31	10:06:06.00	MILL I/U INSP. CARTS & BAIL SYSTEM	1	ASSEMBLY	1199	1199
32	10:07:07.00	END SEAM INSURING NORTH	2	ASSEMBLY	2866	2866
33	10:08:08.00	END SEAM INSURING SOUTH	2	ASSEMBLY	303	860
34	10:09:09.00	END SEAM	1	ASSEMBLY	8000	8000
35	10:10:10.00	END FACE BEVELLER	1	ASSEMBLY	807	16700
36	10:11:11.00	PIPE END X-RAY INSPECTION	1	ASSEMBLY	647	580
37	10:11:11.00	MECHANIC & WEIGHING UNIT	1	ASSEMBLY	340	1420
38	10:12:12.00	HYDRAULIC SYSTEM	1		180	174
39	10:13:13.00	ELECTRIC SYSTEMS	1		24	28
40	10:14:04.00	CONNECTOR ROLLERS	507	ASSEMBLY	221	143
41	10:14:04.00	CONNECTOR ROLLERS (NON-DRIVEN)	1	ASSEMBLY	167	1684
42	10:14:04.00	CONNECTOR ROLLERS (WORKING)	5	ASSEMBLY	1238	136
43	10:15:15.00	PIPE ROTATORS (SHEAR LAMING)	1	ASSEMBLY	280	5400
44	10:16:16.00	PIPE ROTATORS (IN/OUT ADJUST, W/BACKS, DRUM)	13	ASSEMBLY	1082	1120
45	10:15:00.00	PIPE ROTATORS (IN/OUT ADJUST, W/BACKS, DRUM)	3	ASSEMBLY	40	80
46	10:15:15.00	PIPE ROTATORS (IN/OUT ADJUST)	12	ASSEMBLY	685	314
47	10:15:15.00	PIPE JACK	2	ASSEMBLY	368	618
48	10:17:17.00	PIPE VIBRATOR	12	ASSEMBLY	24	28
49	10:17:17.00	PIPE STOPPER (END STOP)	13	ASSEMBLY	200	514
50	10:17:17.02:00A	PIPE STOPPER (SIDE STOP)	2	ASSEMBLY	1824	
51	10:18:18.00	PIPE TRANSFER CART (SURGE TABLE)	13	ASSEMBLY	1082	
52	10:18:18.00	PIPE TRANSFER CART	2	ASSEMBLY	140	
53	10:19:19.00	SAMPLE CUP	2	ASSEMBLY	628	
54	10:20:20.00	MILL CUT/ I/U PIPE RALS	2		463	
55	10:21:21.00	REPAIR TABLE I/U	1		546	
56	10:22:22.00	SURGE TABLES 1 TO 3 PIPE RALS	1			
57	10:23:23.00	HYDROSTEAL TABLE PIPE RALS	1			1000
58	10:24:24.00	END SEAM FINISHING PIPE RALS	1			
59	10:25:25.00	END STOP & BEVELLER PIPE RALS	1			
60	10:26:26.00	MARK, MEASURE, END X-RAY MARK PIPE RALS	1			
61	10:27:27.00	WELDING STATION	1			
62	10:28:28.00	DRAW PARTS	1			
63		PIPE DRIVER	2			
64	04:01:01	SPW INTERNAL PIPING	1			

ITEM NUMBERS 24,25,38,39,61 & 64 ARE NOT SHOWN





### GENERAL NOTES

- THE CONTRACTOR SHALL HAVE A FULL SET OF THE CURRENT APPROVED CONSTRUCTION DOCUMENTS INCLUDING ADDENDA ON THE PROJECT SITE AT ALL TIMES
- THE CONTRACTOR SHALL COMPLY WITH LOCAL UTILITY PROVIDERS REQUIRING NOTIFICATION OF INTENDED EXCAVATION.
- ALL WORK SHALL COMPLY WITH THE LOCAL JURISDICTION REQUIREMENTS AND THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS SHOWN OR IMPLIED WHICH MAY AFFECT THE WORK PRIOR TO THE START OF CONSTRUCTION AND NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES.
- EXISTING CONDITIONS BASED ON DRAWINGS BY EVRAZ DATED 07/26/2018

### GENERAL SITE INFORMATION

LEGAL DESCRIPTION	TAX LOT-22, 25, 27, 71 - SECTION 26, T2N, R1W, WM
ZONING	
BASE	IH - HEAVY INDUSTRIAL
OVERLAY	HJ,K - AIRCRAFT LANDING, RIVER INDUSTRIAL, PRIME INDUSTRIAL
SITE AREA	145.82 ACRES

### LEGEND

(E)	EXISTING
	EXISTING BUILDING
	TRAILER INSTALLATION

#	DATE	DESC.
1	10/25/18	ISSUED FOR PERMIT
2	11/15/18	REVISED FOR PERMIT
3	3/04/19	ISSUED FOR CITY COMMENTS
5	3/28/19	LNS APPEAL
6	4/15/19	ISSUED FOR CITY COMMENTS



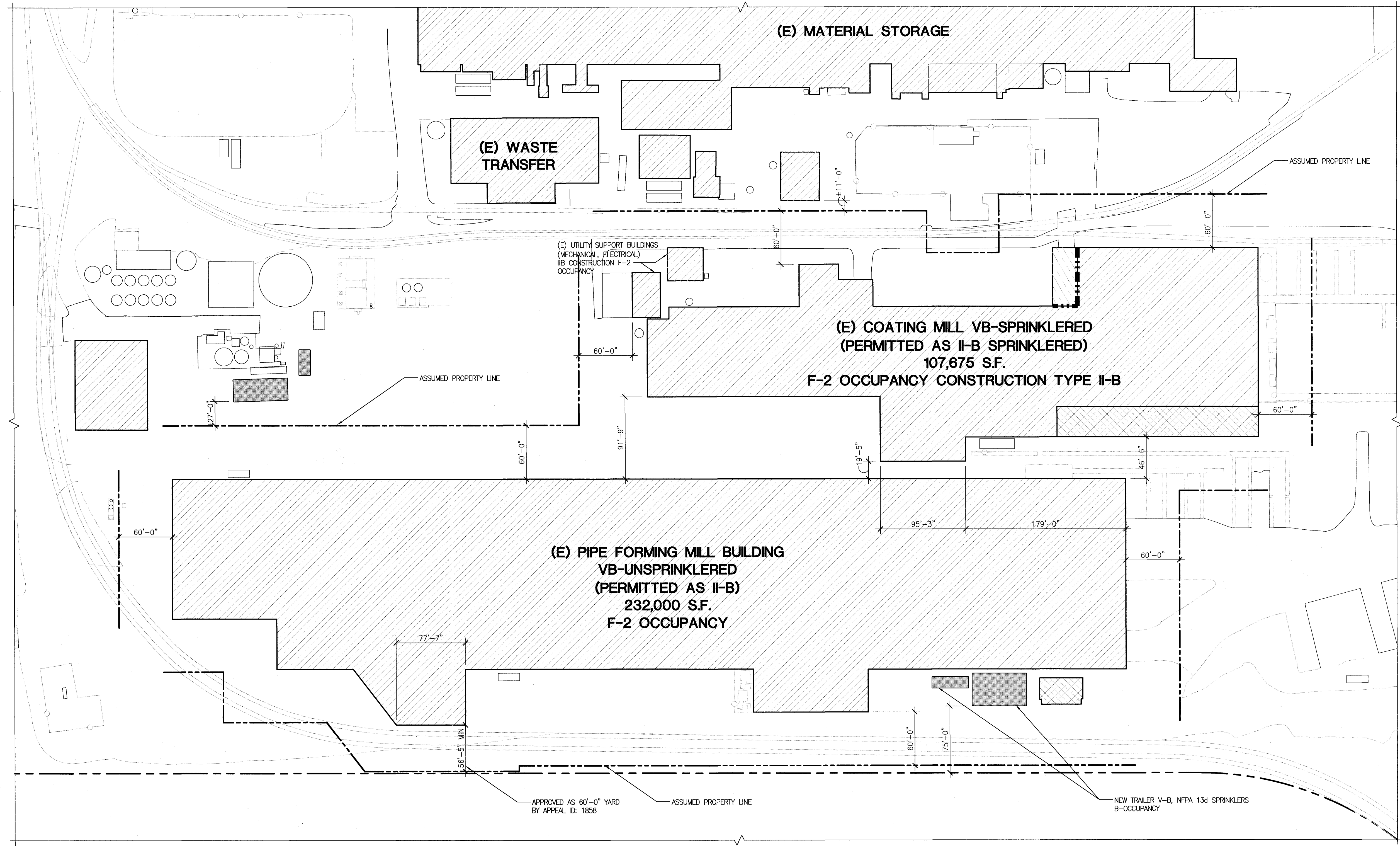
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TRAILER INSTALLATION FOR  
**EVRAZ OREGON STEEL PORTLAND**  
14400 N RIVERGATE BLVD.  
PORTLAND, OREGON 97203

DRAWING TITLE:  
**SITE PLAN**  
DRAWN BY: TKP  
CHECKED BY: GML

**ST1.00**



**ENLARGED SITE PLAN PIPE FORMING AREA/ COATING MILL CODE REVIEW**

**(E) COATING MILL CODE REVIEW**

PERMIT No.: 06-130004-000-00-CO

APPROVED OCCUPANCY: F2, H-3 PAINT STORAGE ROOM, II-B CONSTRUCTION, SPRINKLERED, ONE STORY.

ACTUAL BUILDING AREA: 107,675 SF.  
H-3 OCCUPANCY AREA: 1,820 SF.  
B OCCUPANCY AREA: 6,915 SF.

ACCESSORY TO F-2 OCCUPANCY AREA: 8,735 SF. (B OCCUPANCY)  
TOTAL ACCESSORY AREA/ ACTUAL BUILDING AREA: 8,735 SF./ 107,675 SF. = 8.11% < 10%

**(E) PIPE FORMING MILL CODE REVIEW**

PERMIT No.: 05-117941-000-00-CO

APPROVED OCCUPANCY: F2, II-B CONSTRUCTION, UNSPRINKLERED, ONE STORY.

ACTUAL BUILDING AREA: 232,000 SF.

**(N) TRAILERS**

OCCUPANCY: B, VB CONSTRUCTION, NFPA 13d SPRINKLERS.

ACTUAL BUILDING AREA: 480 SF. + 2,160 SF. = 2,640 SF.

**CODE PLAN LEGEND**

(E)	EXISTING
OCCUPANCY GROUPS:	
	B
	F-2
	S-1
	H-3
	TRAILER INSTALLATION
	(E) FIRE BARRIER - 2 HR FIRE RATING

**GENERAL NOTES**

- THE CONTRACTOR SHALL HAVE A FULL SET OF THE CURRENT APPROVED CONSTRUCTION DOCUMENTS INCLUDING ADDENDA ON THE PROJECT SITE AT ALL TIMES
- THE CONTRACTOR SHALL COMPLY WITH LOCAL UTILITY PROVIDERS REQUIRING NOTIFICATION OF INTENDED EXCAVATION.
- ALL WORK SHALL COMPLY WITH THE LOCAL JURISDICTION REQUIREMENTS AND THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS SHOWN OR IMPLIED WHICH MAY AFFECT THE WORK PRIOR TO THE START OF CONSTRUCTION AND NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES.
- EXISTING CONDITIONS BASED ON DRAWINGS BY EVRAZ DATED 07/26/2018



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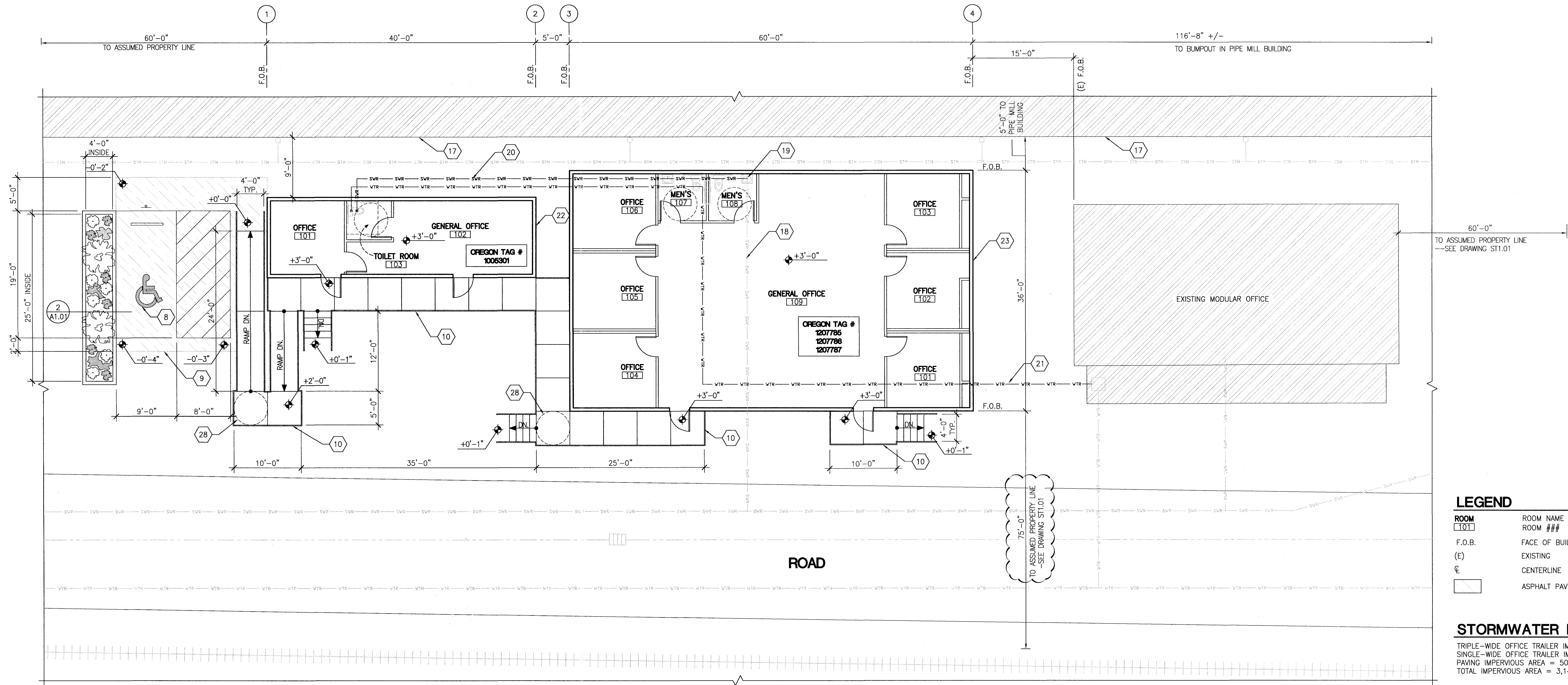
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TRAILER INSTALLATION FOR  
**EVRAZ OREGON STEEL PORTLAND**  
14400 N RIVERGATE BLVD.  
PORTLAND, OREGON 97203

DRAWING TITLE:  
**ENLARGED SITE PLAN  
PIPE FORMING AREA**  
DRAWN BY: MGV  
CHECKED BY: GML

**ST1.01**





### LEGEND

ROOM	ROOM NAME
101	ROOM ###
F.O.B.	FACE OF BUILDING
(E)	EXISTING
℄	CENTERLINE
	ASPHALT PAVING

### STORMWATER NOTES

TRIPLE-WIDE OFFICE TRAILER IMPERVIOUS AREA = 2,160 S.F.  
SINGLE-WIDE OFFICE TRAILER IMPERVIOUS AREA = 480 S.F.  
PAVING IMPERVIOUS AREA = 505 S.F.  
TOTAL IMPERVIOUS AREA = 3,145 S.F.

## 1 ENLARGED PIPE FORMING OFFICE TRAILER FLOOR PLAN

### FLOOR PLAN GENERAL NOTES

- APPLICABLE CODES: ALL WORK SHALL BE IN CONFORMANCE WITH ALL FEDERAL, STATE, AND LOCAL CODES. SPECIFICATIONS AND STANDARDS SHALL MEAN, AND ARE INTENDED TO BE, THE LATEST EDITION, AMENDMENT OR REVISION OF SUCH REFERENCE STANDARD, IN EFFECT AS OF THE DATE OF THE CONTRACT DOCUMENTS.
- CONTRACTOR TO VERIFY EXISTING CONDITIONS AND DIMENSIONS SHOWN OR IMPLIED PRIOR TO START OF CONSTRUCTION AND NOTIFY A/E OF ANY DISCREPANCIES.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY TESTING AND COORDINATE ALL REQUIRED INSPECTIONS.

### STAIR/RAMP NOTES

PROVIDE 48" WIDE COMMERCIAL PREFABRICATED ALUMINUM STAIRS & RAMP. SEE DRAWING A2.01

- MEET ALL OSSC ACCESSIBILITY REQUIREMENTS.
- RAMPS 1:12 SLOPE WITH GUARDRAILS/HANDRAILS EACH SIDE.
- PROVIDE HANDRAIL EXTENSIONS AT STAIRS & RAMPS PER OSSC ACCESSIBILITY REQUIREMENTS.
- STAIRS & RAMPS SHALL BE DESIGNED FOR 100 PSF LIVE LOAD AND HANDRAIL AND GUARDRAIL LOADS AS REQUIRED BY CODE.
- STAIRS & RAMPS SHALL BE SUBMITTED BY THE SUPPLIER AS A DEFERRED SUBMITTAL.

### UTILITY NOTES

#### SANITARY

SANITARY: 4", MIN. 2% SLOPE.  
CAST IRON PIPE: ASTM A74, HUBLESS,  
SERVICE WEIGHT FITTING: CAST IRON  
JOINTS: NEOPRENE GASKETS AND STAINLESS STEEL CLAMP AND SHIELD ASSEMBLIES.  
CLEANOUT: HUSKY SD4000 OR APPROVED SUBSTITUTE.  
J.R. SMITH, ZURN, WADE, OR EQUAL

#### WATER

WATER PIPING, ABOVE GRADE  
COPPER TUBING: ASTM B88, TYPE L, HARD DRAWN  
FITTING: ANSI/ASTM 16.22 SOLDER, GRADE 95TA  
INSULATION: 1/2 INCH  
DISINFECT, CLEAN, AND TEST: PER CODE

WATER PIPING, BELOW GRADE AS APPROVED BY CITY OF PORTLAND

### FLOOR PLAN KEYNOTES

- EXISTING MANHOLE, GRINDER PUMP.
- EXISTING 1" UNDERGROUND WATER LINE.
- EXISTING 4" UNDERGROUND SANITARY SEWER LINE --2% SLOPE.
- 24'-0" WIDE x 60'-0" LONG DOUBLE-WIDE TRAILER. PROVIDE FOUNDATIONS PER STRUCTURAL DRAWINGS. CONNECT WATER AND SEWER TO EXISTING UTILITY STUB-OUT UNDER TRAILER.
- EXISTING ELECTRICAL SERVICE.
- SAWCUT AND REMOVE EXISTING CONCRETE SLAB UNDER TRAILER FOOTPRINT.
- EXISTING CONCRETE SLAB ON GRADE.
- VAN ACCESSIBLE PARKING STRIPING AND SIGNAGE --SEE 1/A2.01.
- 3" ASPHALT PAVING OVER 6" CRUSHED ROCK BASE --SLOPE 2% MAX.
- ACCESSIBLE PRE-FABRICATED STAIRS/RAMP SYSTEM BY OTHERS. PROVIDE GUARDRAIL & HANDRAIL EACH SIDE. SEE NOTES THIS SHEET AND DRAWING A2.01
- EXISTING CONCRETE PAD.
- EXISTING CONCRETE BASE AT EXISTING COOLING TOWER.
- EXISTING STEEL STORAGE UNIT.
- LANDSCAPING PLANTER --SEE DETAIL 2/A1.01.
- 12'-0" WIDE x 28'-0" LONG SINGLE-WIDE TRAILER. PROVIDE FOUNDATIONS PER STRUCTURAL DRAWINGS. CONNECT WATER AND SEWER TO UTILITY LINE EXTENSIONS.
- 24'-0" WIDE x 60'-0" LONG DOUBLE-WIDE TRAILER. PROVIDE FOUNDATIONS PER STRUCTURAL DRAWINGS. CONNECT WATER AND SEWER TO UTILITY LINE EXTENSIONS.
- FACE OF EXISTING BUILDING.
- EXISTING UNDERGROUND SANITARY SEWER LINE --VERIFY SIZE AND DEPTH (4" LINE, 2% SLOPE).
- EXISTING SANITARY SEWER LINE STUB-UP --VERIFY SIZE AND DEPTH. EXTEND LINE TO THE WEST IF POSSIBLE.
- UNDERGROUND SANITARY SEWER LINE EXTENSION --4" LINE, 2% SLOPE. VERIFY DEPTH OF LINE AT CONNECTION TO EXISTING LINE.
- EXTEND EXISTING 1" UNDERGROUND WATER LINE FROM EXISTING TRAILER. VERIFY SIZE OF EXISTING LINE.
- 12'-0" WIDE x 40'-0" LONG SINGLE-WIDE TRAILER. PROVIDE FOUNDATIONS PER STRUCTURAL DRAWINGS. CONNECT WATER AND SEWER TO UTILITY LINE EXTENSIONS.
- 36'-0" WIDE x 60'-0" LONG TRIPLE-WIDE TRAILER. PROVIDE FOUNDATIONS PER STRUCTURAL DRAWINGS. CONNECT SEWER TO EXISTING STUB-UP. CONNECT WATER TO UTILITY EXTENSION.
- EXISTING WATER STUB --1" LINE (FIELD VERIFY).
- MANHOLE FOR LIFT STATION AND GRINDER PUMP.
- SANITARY SEWER PRESSURE LINE.
- EXISTING POWER LINE.
- 5'-0" MINIMUM TURNING RADIUS AT ALL STAIR AND RAMP LANDINGS --TYP.

### PLANT LEGEND

- (2) TREE - VINE MAPLE (ACER CIRCINATUM) MIN. OF 5 FOOT TALL, 2 INCH CALIPER FULLY BRANCHED
- (10) SHRUBS - SHINY LEAF SPIREA (SPIRAEA BETULIFOLIA VAR. LUCIOA)
- (6) SHRUBS - SNOW BERRY (SYMPHORICAPROS ALBUS)
- GROUND COVER  
12" ON CENTER, TRIANGULAR SPACING  
MIN 4" CONTAINER SIZE TO COVER 50% OF VEGETATED MOUND  
50% COLUMBIA SEDGE (CAREX APERTA)  
50% MANNA GRASS (GLYCERIA OCCIDENTALIS)  
IRRIGATION: OPTION 2 WITH CONTROLLER

### CODE REVIEW

OCCUPANCY: B OFFICE, VB CONSTRUCTION, NFPA 13d SPRINKLERS.

ACTUAL BUILDING AREA:

TRIPLE-WIDE TRAILER: 36'-0" x 60'-0" = 2,160 SF.  
SINGLE-WIDE TRAILER: 12'-0" x 40'-0" = 480 SF

OCCUPANCY LOAD (TRIPLE-WIDE): (2,160 SF /100) = 21.6 OCCUPANTS TABLE 1004.1.1

MINIMUM EGRESS WIDTH = 0.3 INCHES x 21.6 OCCUPANTS = 6.48 INCHES

MINIMUM EGRESS WIDTH PROVIDED 2-36" DOORS = 72 INCHES

EXIT ACCESS TRAVEL DISTANCE = 200 FEET

EGRESS ILLUMINATION

EXIT DISCHARGE ILLUMINATION SHALL BE NOT LESS THAN 1fc AT THE WALKING SURFACE.  
EXIT PATH SHALL BE ILLUMINATED BY EMERGENCY LIGHTS FOR A DURATION OF NOT LESS THAN 90 MINUTES.

### FIRE RESISTIVE REQUIREMENTS

STRUCTURAL FRAME		0 HR		
EXTERIOR BEARING WALLS		0 HR		
INTERIOR BEARING WALLS		0 HR		
EXTERIOR NON-BEARING WALLS				
	WALLS	DIST. TO PROPERTY LINE	FIRE RATING	PROTECTED OPENINGS REQ'D
	NORTH	---	0 HR	NA
	SOUTH	>60'	0 HR	NA
	EAST	>60'	0 HR	NA
	WEST	>60'	0 HR	NA
INTERIOR NON-BEARING WALLS & PARTITIONS		0 HR	NA	NA
FLOORS		0 HR	NA	NA
ROOFS		0 HR	NA	NA
CORRIDORS		0 HR	NA	NA

#	DATE	DESC.
1	10/25/18	ISSUED FOR PERMIT
2	11/15/18	REVISED FOR PERMIT
3	2/7/19	ISSUED FOR CITY COMMENTS
4	3/24/19	ISSUED FOR CITY COMMENTS
5	3/29/19	LNS APPEAL
6	4/15/19	ISSUED FOR CITY COMMENTS



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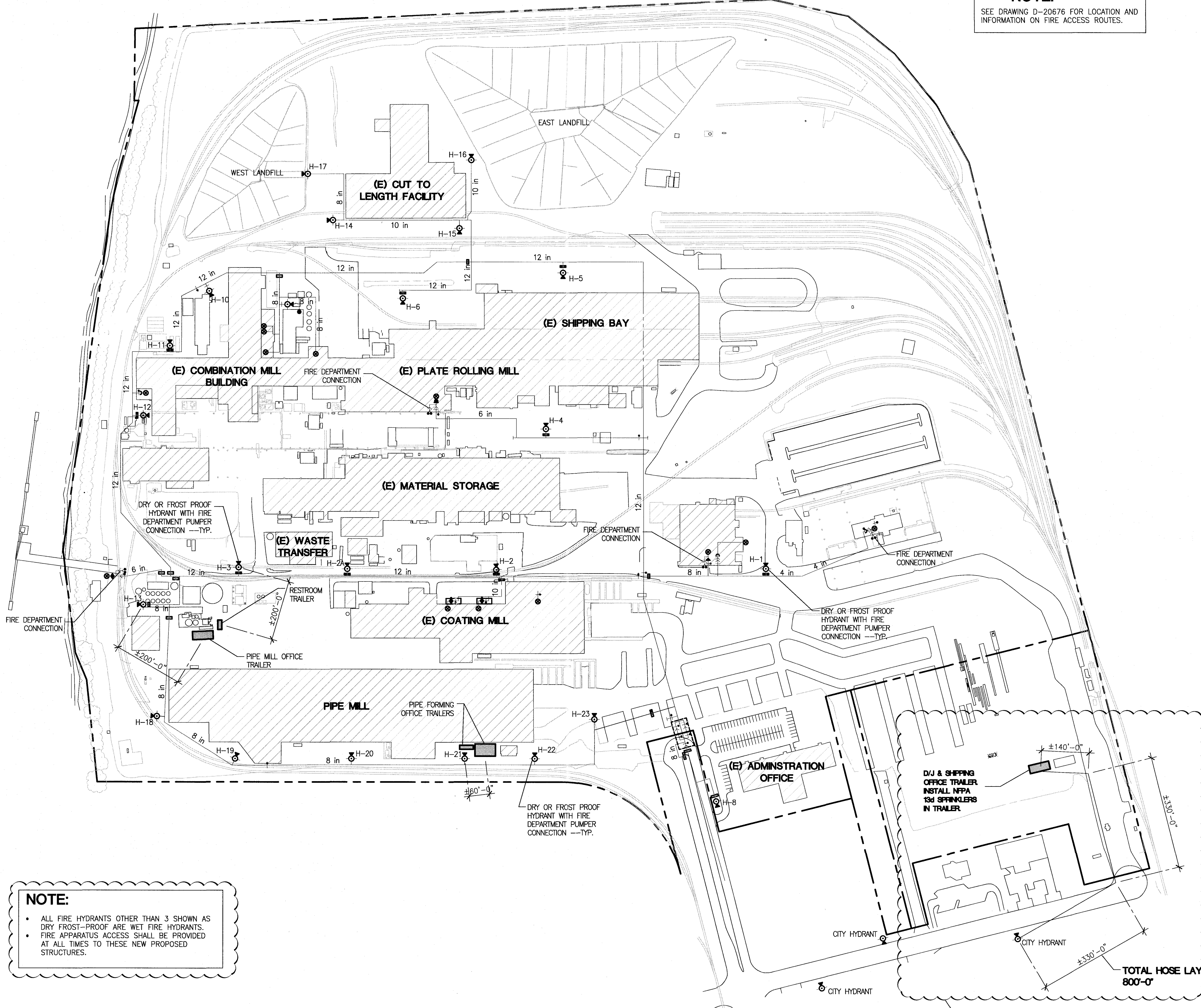
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TRAILER INSTALLATION FOR  
**EVRAZ OREGON STEEL PORTLAND**  
14400 N RIVERGATE BLVD.  
PORTLAND, OREGON 97203

DRAWING TITLE:  
**ENLARGED TRAILER  
FLOOR PLANS**  
DRAWN BY: TKP  
CHECKED BY: GML

**A1.03**





**NOTE:**  
SEE DRAWING D-20676 FOR LOCATION AND INFORMATION ON FIRE ACCESS ROUTES.

**NOTE:**

- ALL FIRE HYDRANTS OTHER THAN 3 SHOWN AS DRY FROST-PROOF ARE WET FIRE HYDRANTS.
- FIRE APPARATUS ACCESS SHALL BE PROVIDED AT ALL TIMES TO THESE NEW PROPOSED STRUCTURES.

**AREA OF APPEAL**  
**—APPEAL ID #19026**  
**CASE #19-16-RECONSIDERATION**

### FIRE CODE APPEAL FORM

Portland Fire & Rescue, Fire Prevention Division  
55 SW Ash St. Portland OR 97204  
Appeals Phone: (503) 823-3708 Fax: (503) 823-3710



Please only use this form if online submission is not an option. Appeal applications may be submitted and paid for online by accessing <https://www.portlandoregon.gov/bds/appeals> and choosing *New Appeal*.

- If hand delivering, mailing or emailing the appeal, submit a complete packet with the \$200 fee. Packet must include:
- This completed form. For assistance, consult the PF&R member requiring the corrections.
  - One set of plans, clearly identifying the areas being appealed and the conditions affecting the item(s) being appealed.
    - Plans should not be larger than 11" x 17".
  - Photos, illustrations and other information that may provide further clarification for the appeal.
  - Details of the appeal described on the attached *Fire Code Appeal Information Sheet(s)*.
    - Each appeal issue requires a separate appeal information sheet.
  - Multiple issues may be submitted in one appeal packet.
  - Make checks payable in the amount of \$200 to "City Treasurer". Credit card payments cannot be taken over the phone or in the office. To pay by credit card, submit the appeal online.

Mail or Deliver to: Portland Fire & Rescue, Attn: Lisa Lillard  
55 SW Ash Street  
Portland, OR 97204

**NOTE:** Packets may be emailed to [fireappeals@portlandoregon.gov](mailto:fireappeals@portlandoregon.gov). However, payment MUST be received before the appeal process will begin.

Appeals are reviewed every other Thursday and must be filed by 5:00 PM on the Monday of the appeal review week to be heard that week. If filed after 5:00 PM on Monday of the appeal review week, the review will be scheduled for the next session, two weeks later.

**PROJECT INFORMATION:** This appeal involves (Check One):

☒ Erection of a new structure Building Permit #: 18-269100-CO  
☐ Alteration of addition to an existing structure Plans Examiner Name: Joe Thornton  
☐ Correction of a violation Fire Inspector Name: \_\_\_\_\_  
☐ Other, please specify: \_\_\_\_\_

Business Name (If applicable): EVRAZ Oregon Steel  
Project Address: 14400 N Rivergate Blvd. Cross Streets: N Ramsey and N Rivergate  
Owner's Name: EVRAZ Owner's Address: 14400 N Rivergate Blvd, Pld.

In accordance with City Ordinance, I hereby make application to appeal the requirements of the Fire Code and or Policies of the City of Portland as outlined in the attached information.

Appellant Name: Gary M. Livermore Phone Number: \_\_\_\_\_  
Firm Name: Livermore Architecture & Eng Email: [garyl@livermoreeng.com](mailto:garyl@livermoreeng.com)  
Applicant Address: 1500 SW 1<sup>st</sup> Ave. Ste 240, Pld  
Applicant Signature: *Gary M. Livermore* Date: 2/26/19

FOR OFFICE USE ONLY	
Received By: _____	Appeal Date: _____
Date Received: _____	Appeal Number: _____
Receipt Number: _____	Previous Appeals: _____
Copy To: Nate Takara	

### FIRE CODE APPEAL INFORMATION SHEET

Portland Fire & Rescue, Fire Prevention Division  
55 SW Ash St. Portland OR 97204  
Appeals Phone: (503) 823-3708 Fax: (503) 823-3710



An appeal information sheet must be completed for each item being appealed. All sections must be addressed. Please provide as much detail as possible. Failure to do so may cause the appeal to be held over until adequate information is received. If you need help filling out the form, consult with the Fire Bureau member requiring the corrections or call (503) 823-3770.

Any modification of the Fire Code and/or Policies requires an appeal. A reasonable degree of Equivalent Life Safety and Fire Protection must be demonstrated before any appeal may be considered.

- FIRE CODE SECTION AND/OR POLICY:**  
PF & R Access & Water Supply Guide
- CODE/POLICY REQUIREMENTS:**  
Hose lay distance from the nearest fire hydrant to the most remote portion of the exterior of the building shall be less than 400 feet.
- PROPOSED DESIGN:** Describe the alternate methods and/or materials of construction to be used or that exist. Be as specific and detailed as possible.  
The hose lay from the closest fire hydrant is approximately 800 feet. This is a public hydrant located to the west of the site entrance off N Ramsey. Since the allowable hose lay distance is exceeded, we propose to install NFPA 13d sprinklers in the new trailer. The trailer is served by a 1" water line so the capacity is available for these sprinklers.
- REASON FOR ALTERNATE:** Describe the details of the alternate design and how it will provide equivalent life safety and/or fire protection.  
The proposed structure is a double-wide trailer that will be located in the same area as an existing trailer. Total area of the two trailers is 2,880 square feet. The trailers will be used for general office functions so occupant load will be limited. Both trailers, although very small, will have two means of egress. There are no other structures within 150 feet in any direction to these trailers. The fire hydrant that will serve this trailer is located at the main entry to the site so there will be good fire truck access to the area. The fire flow at the hydrant has been confirmed to exceed 2,500 gpm at 20 psi residual pressure. The addition of the NFPA 13d sprinklers, in addition to the items listed above, will provide equivalent life safety and fire protection.

TRAILER INSTALLATION FOR  
**EVRAZ OREGON STEEL PORTLAND**  
14400 N RIVERGATE BLVD.  
PORTLAND, OREGON 97203

DRAWING TITLE:  
**FIRE & RESCUE PLAN**  
DRAWN BY: MGV  
CHECKED BY: GML

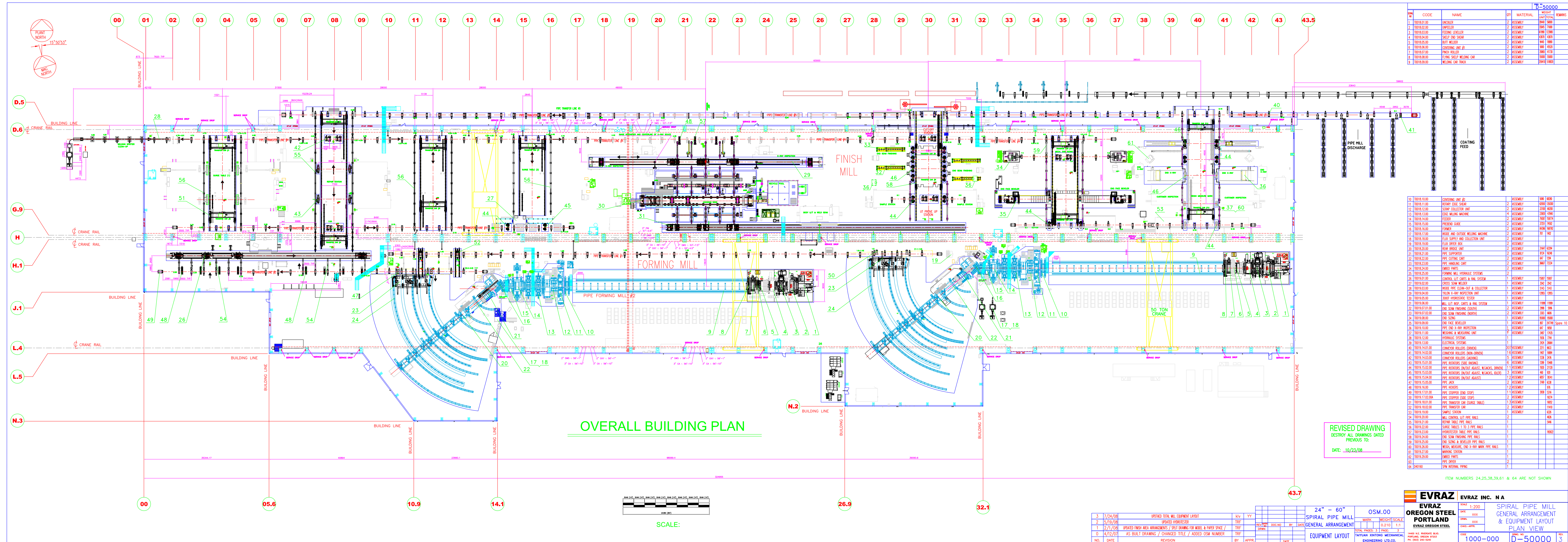
**FR1.00**

REGISTERED ARCHITECT  
GARY LIVERMORE  
PORTLAND, OREGON  
5844

**LIVERMORE**  
ARCHITECTURE &  
ENGINEERING, INC.  
1500 SW 1<sup>st</sup> Ave. Suite 240  
Portland, Oregon 97201  
Phone: 503-492-3002  
www.livermore.com

Livermore A&E  
JOB NO: 218064.00





ITEM NO.		CODE	NAME	QTY	MATERIAL	WEIGHT UNIT	REMARKS
1	10018.01.00	UNCOLLER	2	ASSEMBLY	5840	5840	
2	10018.02.00	COLLER	2	ASSEMBLY	5360	7400	
3	10018.03.00	FEEDING COWLE	2	ASSEMBLY	6100	6100	
4	10018.04.00	SKIFF END SHEAR	2	ASSEMBLY	10300	4400	
5	10018.05.00	BUTT WELDER	2	ASSEMBLY	9400	10800	
6	10018.06.00	CENTRING UNIT #1	2	ASSEMBLY	9800	4500	
7	10018.07.00	CONCRETE LIFT	2	ASSEMBLY	5400	4300	
8	10018.08.00	FLYING SKIFF WELDING CAR	2	ASSEMBLY	25000	5000	
9	10018.09.00	PEWEL CAR TRACK	2	ASSEMBLY	5500	51800	

11	70.01.10.00	CENTERING LIFT #2	2	ASSEMBLY	5600	60.00
12	70.01.11.00	ROTARY EDGE SHEAR	2	ASSEMBLY	6800	10.00
13	70.01.12.00	SCAP COLLECTOR LIFT	2	ASSEMBLY	3300	80.00
14	70.01.13.00	EDGE MILLING MACHINE	4	ASSEMBLY	2800	19.00
15	70.01.14.00	FEEDER	2	ASSEMBLY	7800	50.00
16	70.01.15.00	PREFORM GUIDE	2	ASSEMBLY	3750	30.00
17	70.01.16.00	FRAMER	2	ASSEMBLY	16.00	16.00
18	70.01.17.00	INSEK AND OUTSIDE WELDING MACHINE	2	ASSEMBLY	701	140
19	70.01.18.00	FLUX SUPPLY AND COLLECTION UNIT	2	ASSEMBLY		
20	70.01.19.00	FLUX DROPS BOX	2	ASSEMBLY		
21	70.01.20.00	BRIDGE JUMP	2	ASSEMBLY	3160	45.00
22	70.01.21.00	PIPE SUPPORTER	2	ASSEMBLY	8100	60.00
23	70.01.22.00	PIPE CUTTING CART	2	ASSEMBLY	660	12.00
24	70.01.23.00	PIPE HANDLING CART	2	ASSEMBLY	360	7.00
25	70.01.24.00	CURVED PARTS	2	ASSEMBLY		
26	70.01.25.00	FORMING MILL HYDRAULIC SYSTEMS	2	ASSEMBLY		
27	70.01.26.00	CONTROL UNIT CABLES & RAIL SYSTEM	1	ASSEMBLY	1500	13.00
28	70.01.27.00	CROSS SEAM WELDER	1	ASSEMBLY	260	2.00
29	70.01.28.00	INSEK CABLES TO THE COLLECTOR	1	ASSEMBLY	540	5.00
30	70.01.29.00	Y-ARM X-RAY INSPECTION UNIT	1	ASSEMBLY	1000	10.00
31	70.01.30.00	3000 HYDRAULIC SYSTEM	1	ASSEMBLY		
32	70.01.31.00	MILL/UT INSP. CABLES & RAIL SYSTEM	1	ASSEMBLY	11800	10.00
33	70.01.32.01.00	END SEAM FINISHING (SOUTH)	2	ASSEMBLY	780	3.00
34	70.01.32.02.00	END SEAM FINISHING (NORTH)	2	ASSEMBLY	820	4.00
35	70.01.33.00	END SCAM	1	ASSEMBLY	9500	60.00
36	70.01.34.00	END FACE BEVELLER	1	ASSEMBLY	887	20.00
37	70.01.35.00	PIPE END X-RAY INSPECTION	1	ASSEMBLY	661	8.00
38	70.01.36.00	MEASURING & MEASURING UNIT	4	ASSEMBLY	360	17.00
39	70.01.37.00	HYDRAULIC SYSTEMS	1	ASSEMBLY	100	1.00
40	70.01.38.00	ELECTRICAL SYSTEMS	1	ASSEMBLY	2400	26.00
41	70.01.14.01.00	CONVEYOR ROLLERS (DRUM)	307	ASSEMBLY	2701	4.00
42	70.01.14.02.00	CONVEYOR ROLLERS (DOWN-DRUM)	116	ASSEMBLY	167	18.00
43	70.01.14.03.00	CONVEYOR ROLLERS (ADJUST)	5	ASSEMBLY	1730	2.00
44	70.01.15.01.00	PIPE ROTATORS (IN/OUT ADJUST)	1	ASSEMBLY	780	14.00
45	70.01.15.02.00	PIPE ROTATORS (IN/OUT ADJUST, W/ADCS, DRUM)	11	ASSEMBLY	1930	21.00
46	70.01.15.03.00	PIPE ROTATORS (IN/OUT ADJUST, W/ADCS, DRUM)	3	ASSEMBLY	480	8.00
47	70.01.15.04.00	PIPE ROTATORS (IN/OUT ADJUST)	12	ASSEMBLY	687	20.00
48	70.01.15.05.00	PIPE JACK	2	ASSEMBLY	348	6.00
49	70.01.16.00.00	PIPE JACKS	12	ASSEMBLY	85	
50	70.01.17.01.00	PIPE STOPPER (END STOP)	11	ASSEMBLY	280	43.00
51	70.01.17.02.00	PIPE STOPPER (SIDE STOP)	2	ASSEMBLY	1670	
52	70.01.18.01.00	PIPE TRANSFER CAR (SURGE TABLE)	13	ASSEMBLY	6852	
53	70.01.18.02.00	PIPE TRANSFER CAR	2	ASSEMBLY	1100	
54	70.01.19.01.00	CHARLE SYSTEM	2	ASSEMBLY	425	
55	70.01.20.00.00	MILL/UT CONTROL UNIT PIPE RAILS	1	ASSEMBLY	400	
56	70.01.21.00.00	REPAIR TABLE PIPE RAILS	1	ASSEMBLY	5406	
57	70.01.22.00	SURGE TABLES 1 TO 3 PIPE RAILS	1	ASSEMBLY		
58	70.01.23.00	HYDROTESTER TABLE PIPE RAILS	1	ASSEMBLY	16502	
59	70.01.24.00.00	END SEAM FINISHING PIPE RAILS	1	ASSEMBLY		
60	70.01.25.00	END SCAM & BEVELLER PIPE RAILS	1	ASSEMBLY		
61	70.01.26.00	MEAS. MEASURE, END X-RAY MARK PIPE RAILS	1	ASSEMBLY		
62	70.01.27.00	MARKING STATION	1	ASSEMBLY		
63	70.01.28.00	CURVED PARTS	2	ASSEMBLY		
64	70.01.29.00	PIPE DROPS	2	ASSEMBLY		
65	04.00.00	SPM INTERNAL PIPING	1	ASSEMBLY		

ITEM NUMBERS 24,25,38,39,61 & 64 ARE NOT SHOWN