

# HOUSEHOLD HAZARDOUS WASTE FACILITY

## SITE PLANS

### 118 ROCKLAND STREET

### HANOVER, MA 02339



MASS GIS 2023 AERIAL PHOTO  
SCALE: 1" = 500'

PREPARED FOR:  
SOUTH SHORE RECYCLING COOPERATIVE  
118 ROCKLAND STREET  
HANOVER, MA 02339



4 FIRST STREET, BRIDGEWATER, MASSACHUSETTS 02324  
PHONE: 508.697.3191, FAX: 508.697.5996  
WEBSITE: [www.coneco.com](http://www.coneco.com)



SCALE: 1" = 50'

PREPARED ON:  
SEPTEMBER 22, 2026

ENGINEER:  
KEVIN E. MCHUGH, P.E.  
CONECO ENGINEERS & SCIENTISTS, INC.  
WESTFORD, MA 01886

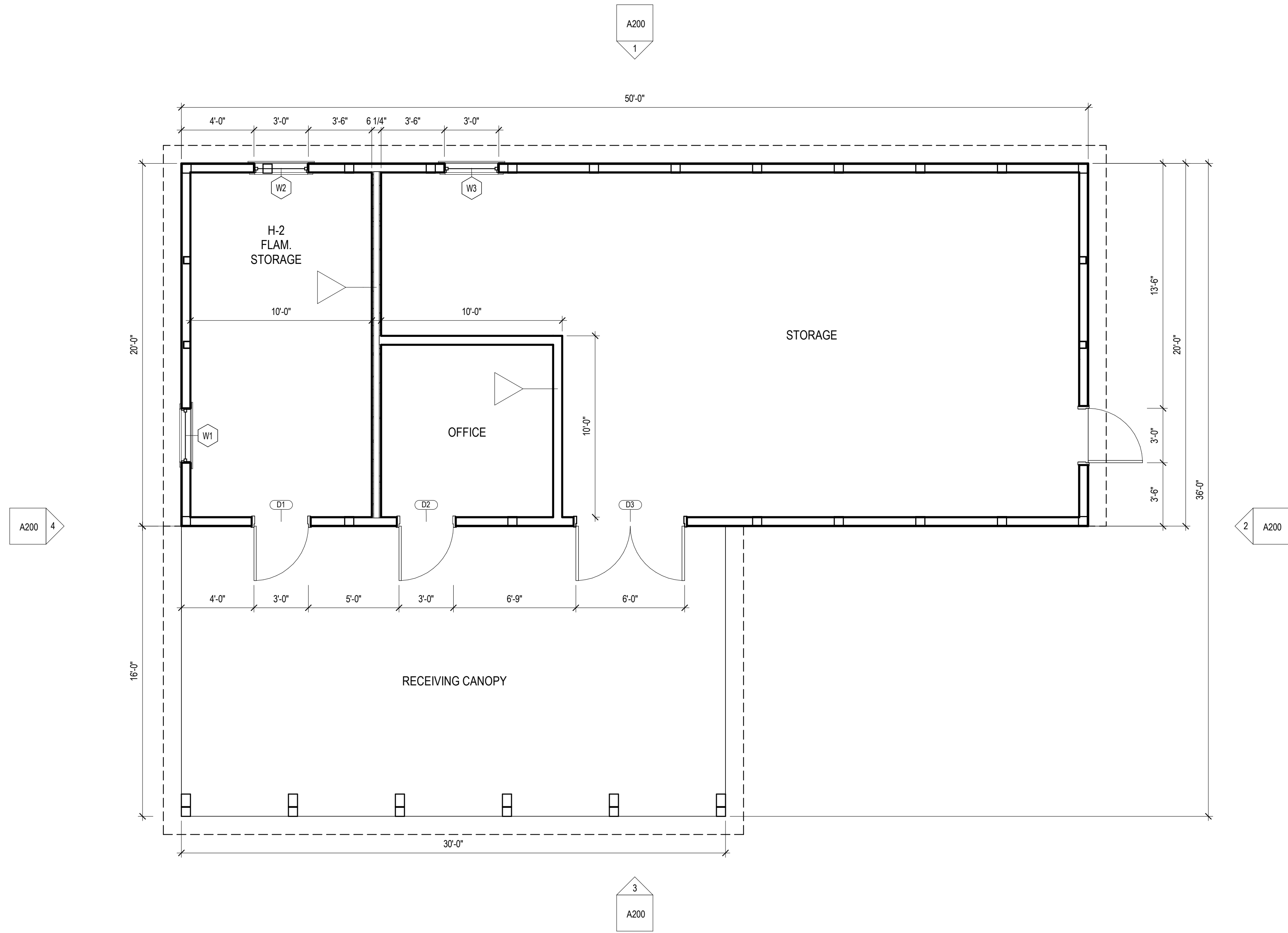
MASSACHUSETTS REGISTERED PROFESSIONAL ENGINEER #45196  
02/26/2026  
DATE:

| DESCRIPTION             | SHEET |
|-------------------------|-------|
| COVER SHEET             | 1     |
| NOTES & LEGEND          | 2     |
| EXISTING CONDITION PLAN | 3     |
| SITE LAYOUT PLAN        | 4     |
| TURNING ANALYSIS PLAN   | 5     |
| DETAILS                 | 6     |
| EDIT                    |       |

**DRAFT**

| HANOVER TRANSFER STATION               |      |             |       |
|----------------------------------------|------|-------------|-------|
| 118 ROCKLAND STREET, HANOVER, MA 02339 |      |             |       |
| R E V I S I O N S                      |      |             |       |
| NO.                                    | DATE | DESCRIPTION | DR/CK |
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|                                        |      |             |       |
|                                        |      |             |       |
|                                        |      |             |       |

1 Site Plan  
1" = 20'-0"



1 Floor Plan  
1/4" = 1'-0"

## REVISIONS

REVISION \_\_\_\_\_  
DATE \_\_\_\_\_

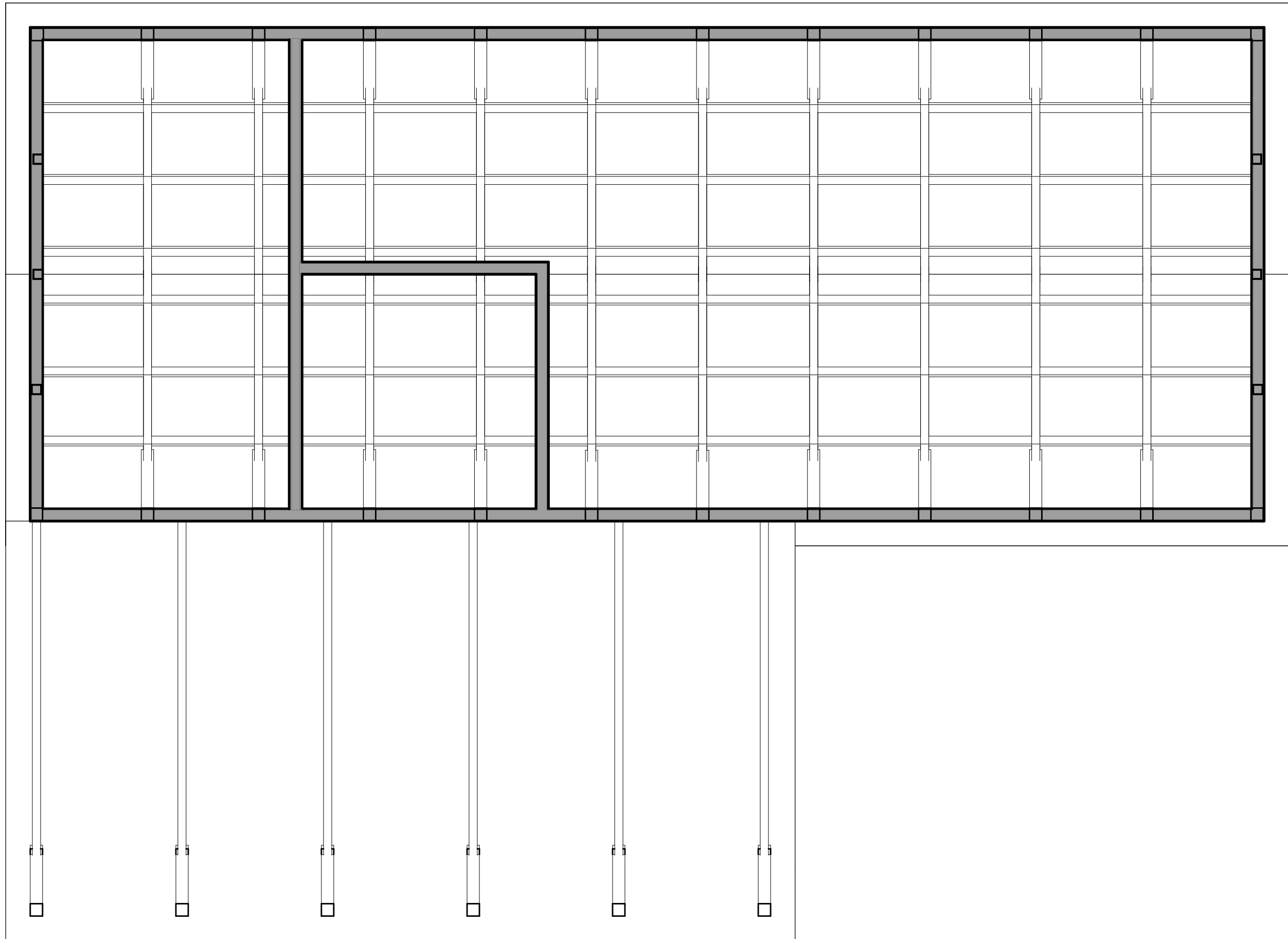
### Reflected Ceiling Plan

### DRAWING INFORMATION

|                  |           |
|------------------|-----------|
| Issue Date       |           |
| DATE OF ISSUE    |           |
| Schematic Design |           |
| DESCRIPTION      |           |
| * = 1'-0"        | Author    |
| SCALE            | DRAWN BY  |
| 70               | revit.rvt |
| PROJECT #        | FILE NAME |

## DRAWING NUMBER

# A102



1

### First Floor

$$1/4'' = 1'-0''$$

## Manover HH Waste Facility

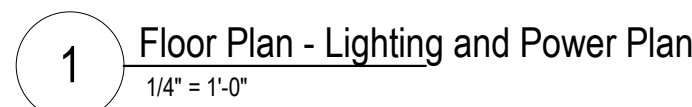
## South Shore Recycling Cooperative

## PROJECT TEAM

| REVISION | DATE |
|----------|------|
|----------|------|

## Lighting and Power Plan

# A102

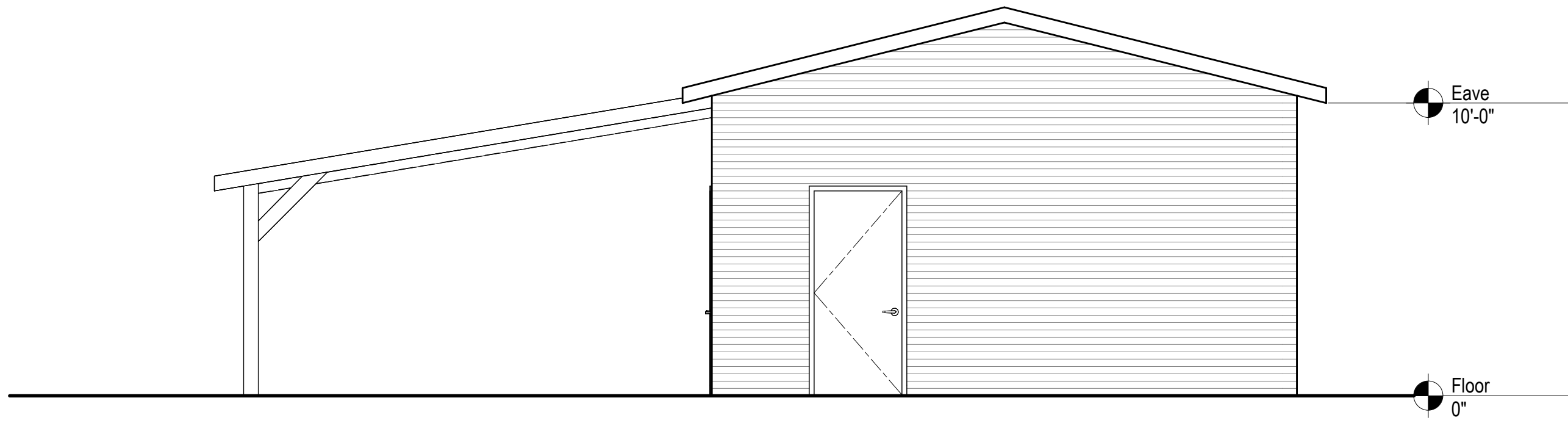


### Legend

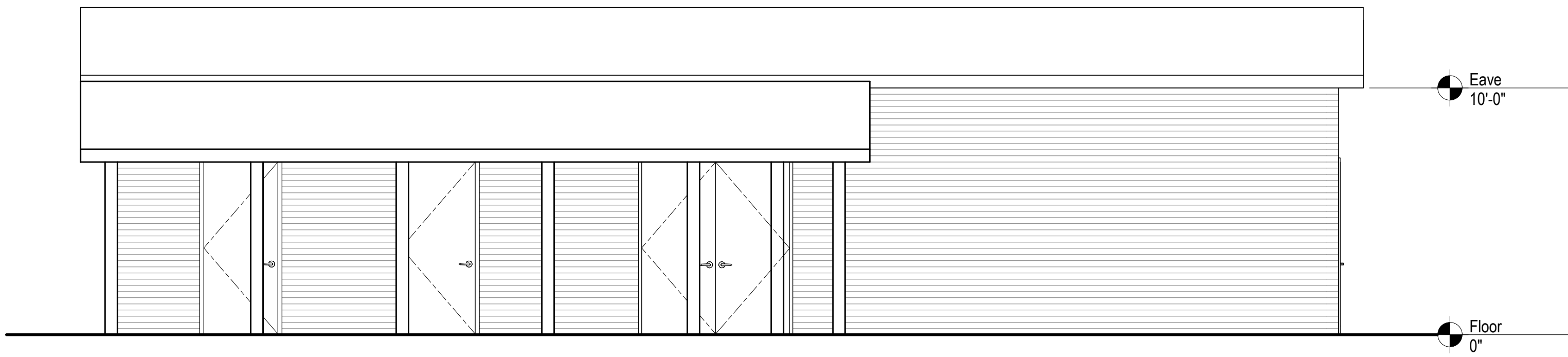
 Duplex Outlet w/ Gasketed Cover



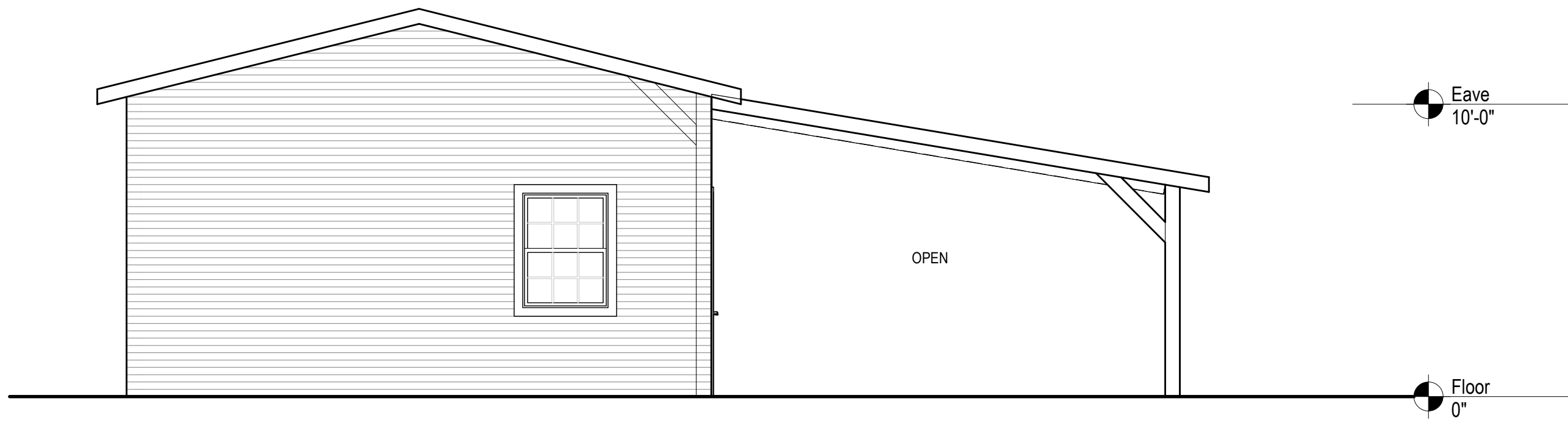
1 North Elevation  
1/4" = 1'-0"



2 East Elevation  
1/4" = 1'-0"



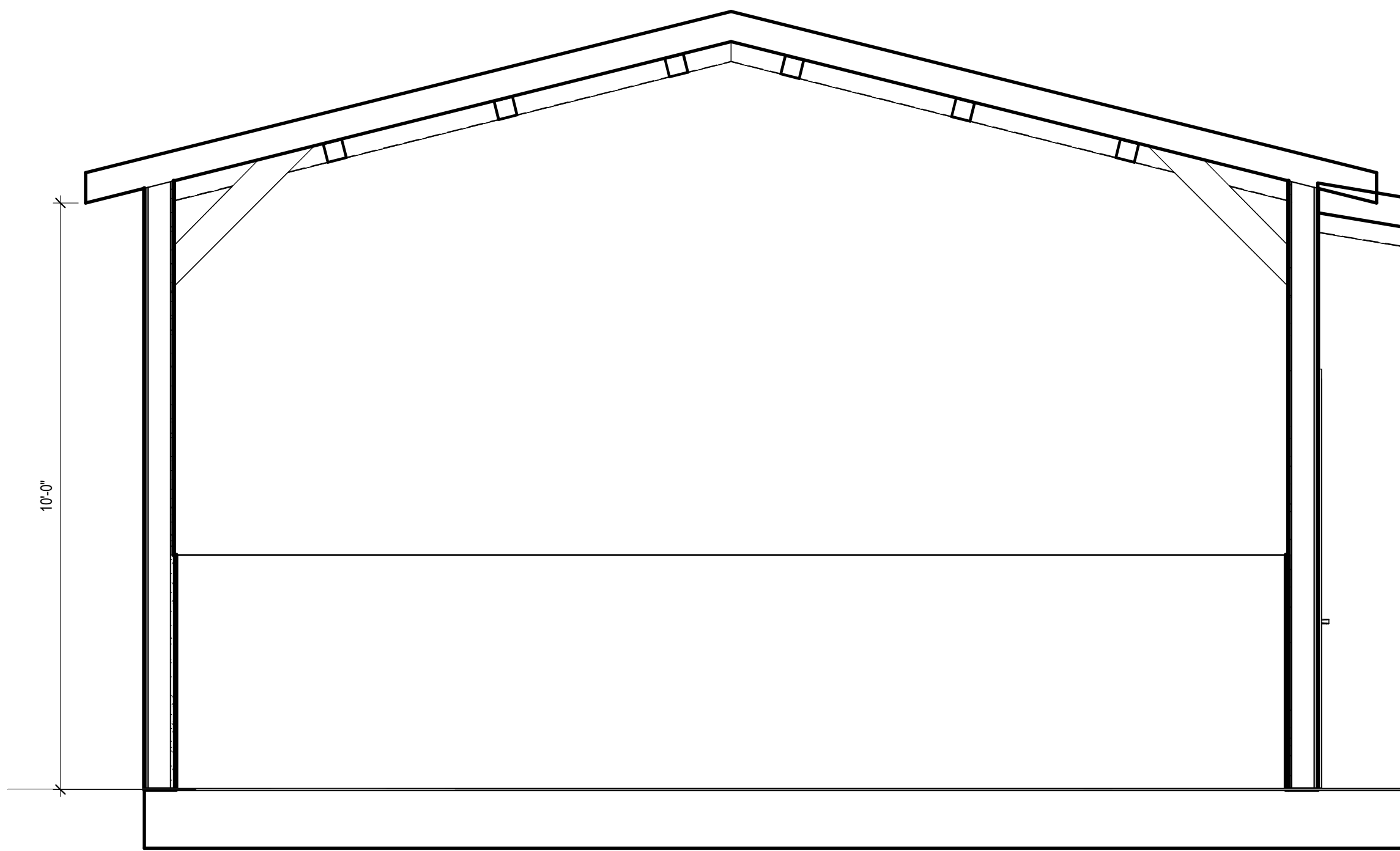
3 South Elevation  
1/4" = 1'-0"



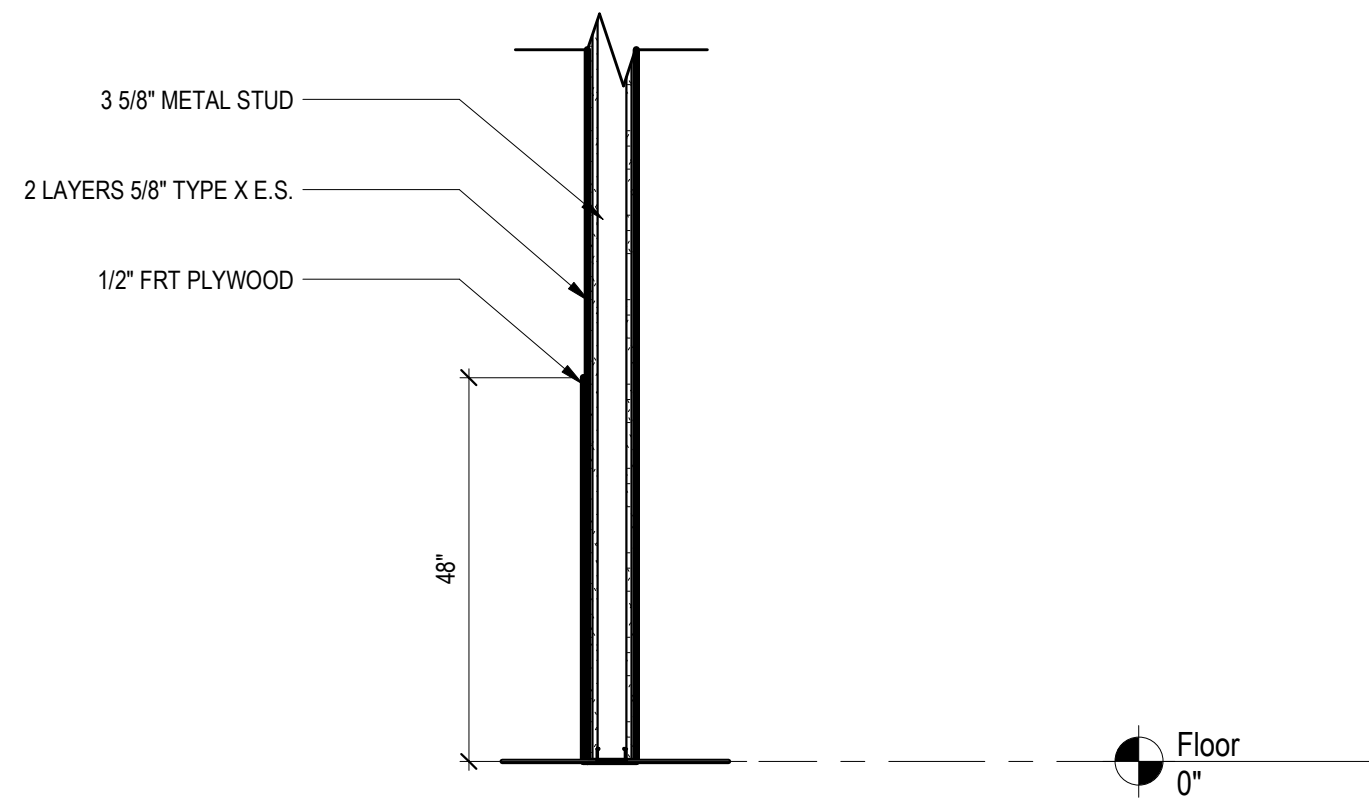
4 West Elevation  
1/4" = 1'-0"

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| #         | REVISION | DATE |

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| Issue Date       |           |
| DATE OF ISSUE    |           |
| Schematic Design |           |
| DESCRIPTION      |           |
| 1/4" = 1'-0"     | Author    |
| SCALE            | DRAWN BY  |
| 3570             | revit.rvt |
| PROJECT #        | FILE NAME |



1 Interior Elevation H2 Flam. Storage  
1/2" = 1'-0"



2 Wall Section - Insulated Wall  
1/2" = 1'-0"

REVISIONS

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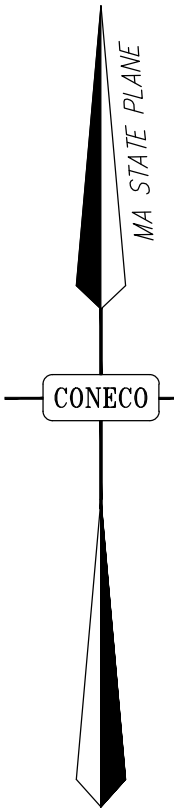
**Interior Details**

DRAWING INFORMATION

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| Issue Date       |           |
| DATE OF ISSUE    |           |
| Schematic Design |           |
| DESCRIPTION      |           |
| 1/2" = 1'-0"     | Author    |
| SCALE            | DRAWN BY  |
| 3570             | revit.rvt |
| PROJECT #        | FILE NAME |

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**A400**



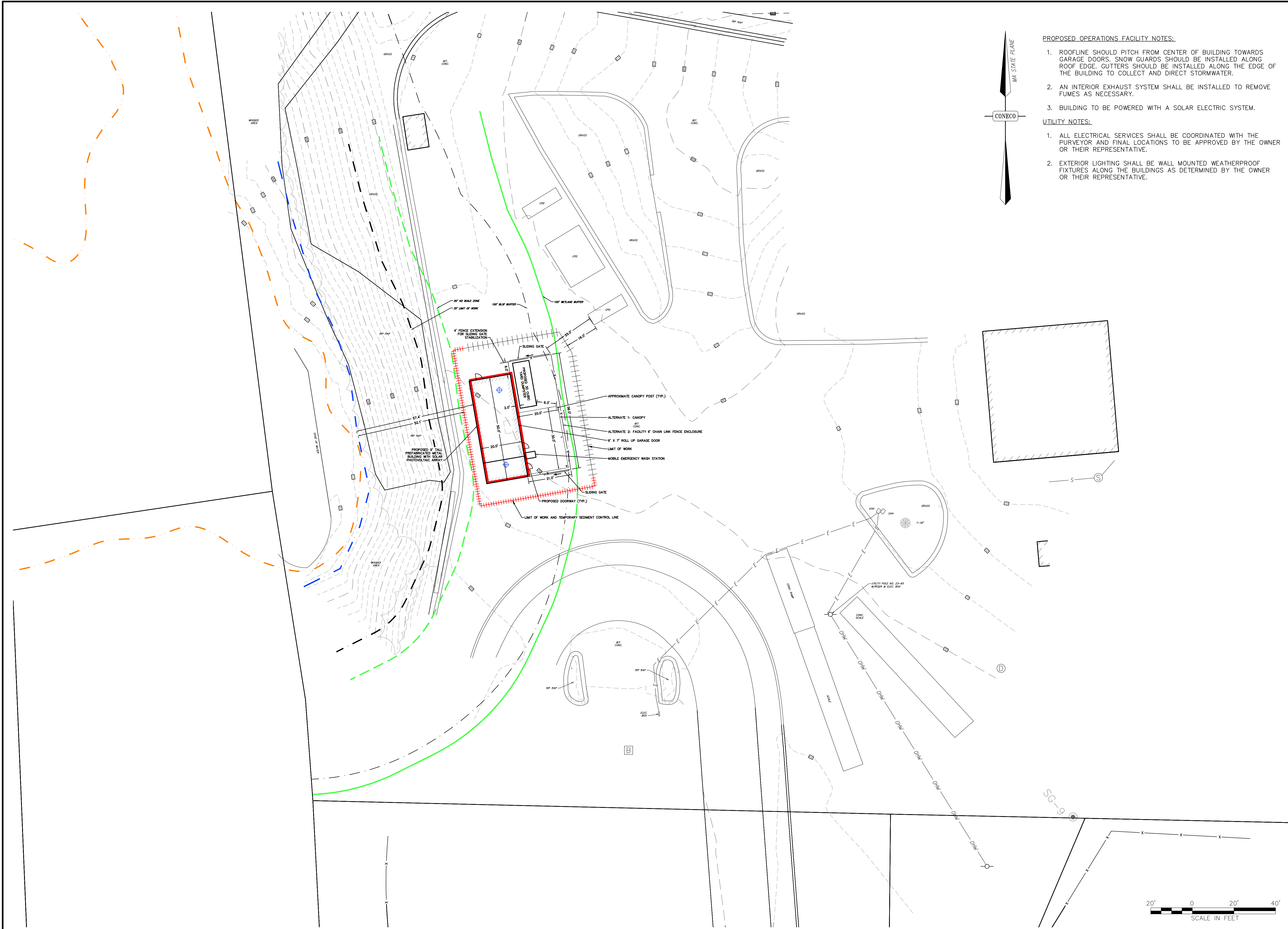
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| PREPARED FOR: | SOUTH SHORE RECYCLING COOPERATIVE<br>118 ROCKLAND STREET<br>HANOVER, MA 02339  |
| PROJECT:      | HOUSEHOLD HAZARDOUS WASTE FACILITY<br>118 ROCKLAND STREET<br>HANOVER, MA 02339 |
| PLAN SET:     | SITE PLANS                                                                     |
| DRAWING:      | EXISTING CONDITION AND PROPOSED LOCATION PLAN                                  |



**Engineers & Scientists**  
PHONE: 800-548-3355 WEBSITE: [www.coneco.com](http://www.coneco.com)

|             |          |            |     |
|-------------|----------|------------|-----|
| DATE        | 9/22/26  |            |     |
| DESIGNED:   | WB       | CHECKED:   | MSD |
| DRAFTED:    | WB       | IN CHARGE: | KEM |
| SCALE:      | 1" = 20' |            |     |
| PROJECT NO. | 13493.0  |            |     |
| SHEET NO.   | 3        |            |     |



- PROPOSED OPERATIONS FACILITY NOTES:
1. ROOFLINE SHOULD PITCH FROM CENTER OF BUILDING TOWARDS GARAGE DOORS. SNOW GUARDS SHOULD BE INSTALLED ALONG ROOF EDGE. GUTTERS SHOULD BE INSTALLED ALONG THE EDGE OF THE BUILDING TO COLLECT AND DIRECT STORMWATER.
  2. AN INTERIOR EXHAUST SYSTEM SHALL BE INSTALLED TO REMOVE FUMES AS NECESSARY.
  3. BUILDING TO BE POWERED WITH A SOLAR ELECTRIC SYSTEM.
- UTILITY NOTES:
1. ALL ELECTRICAL SERVICES SHALL BE COORDINATED WITH THE PURVEYOR AND FINAL LOCATIONS TO BE APPROVED BY THE OWNER OR THEIR REPRESENTATIVE.
  2. EXTERIOR LIGHTING SHALL BE WALL MOUNTED WEATHERPROOF FIXTURES ALONG THE BUILDINGS AS DETERMINED BY THE OWNER OR THEIR REPRESENTATIVE.

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| PREPARED FOR:                                                                 |  | PROJECT:                                                                       |  |
|-------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------|--|
| SOUTH SHORE RECYCLING COOPERATIVE<br>118 ROCKLAND STREET<br>HANOVER, MA 02339 |  | HOUSEHOLD HAZARDOUS WASTE FACILITY<br>118 ROCKLAND STREET<br>HANOVER, MA 02339 |  |
| DRAWING                                                                       |  | PLAN SET                                                                       |  |
| SITE LAYOUT PLAN                                                              |  | SITE PLANS                                                                     |  |

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DATE: 9/22/26

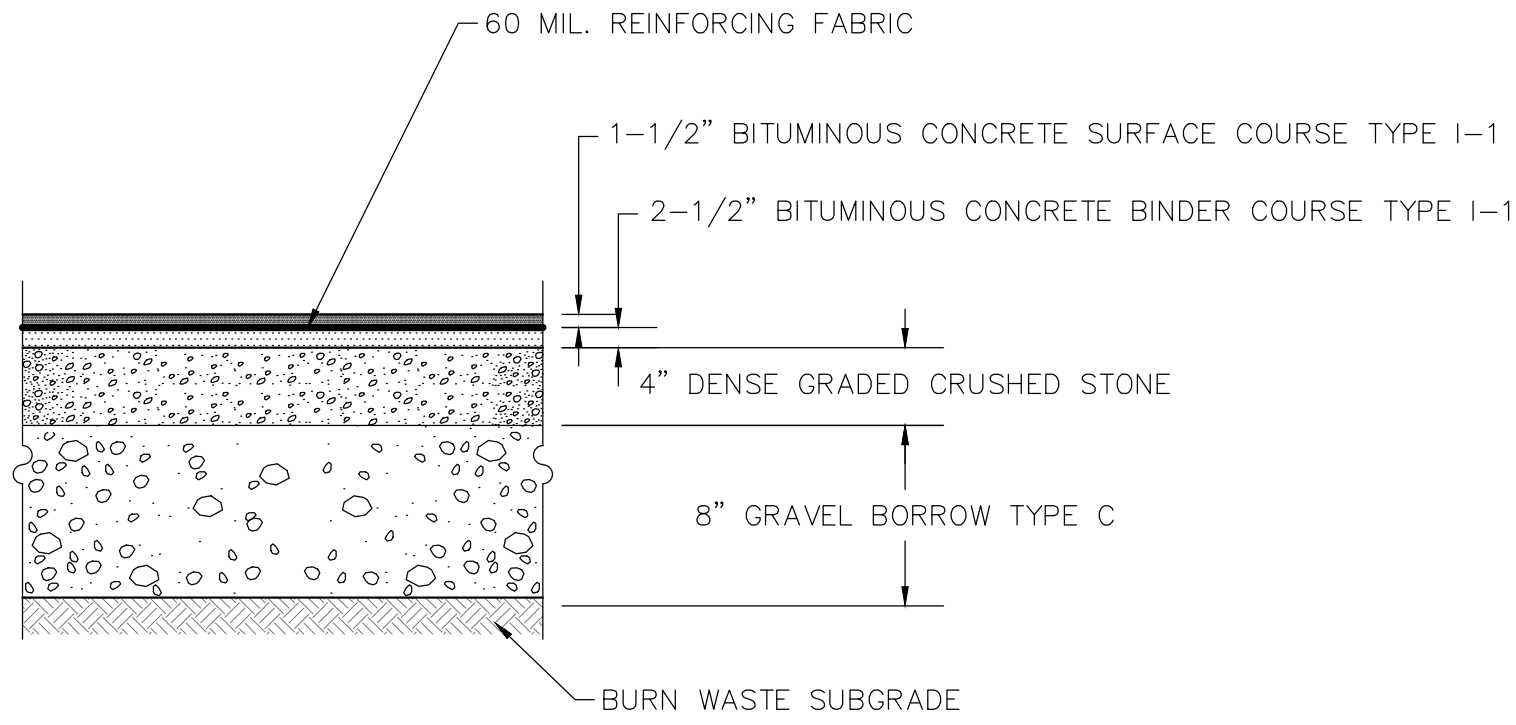
DESIGNED: BTM CHECKED: MSD

DRAFTED: BTM IN CHARGE: KEM

SCALE: 1" = 20'

PROJECT NO. 13493.0

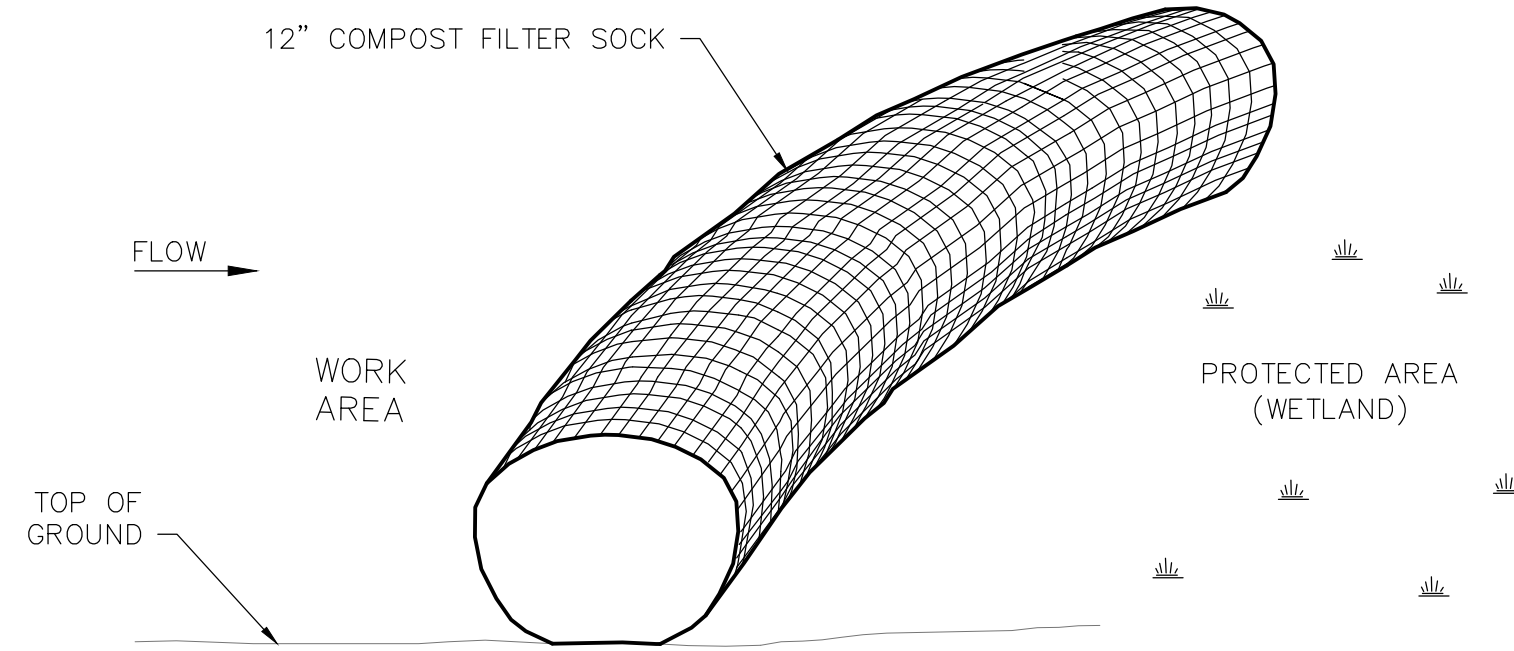
SHEET NO. 4



NOTES:

- DENSE GRADED CRUSHED STONE IS PER MASS HIGHWAY STANDARD SPECIFICATIONS, SECTION M2.01.7.
- GRAVEL BORROW TYPE C IS PER MASS HIGHWAY SECTION STANDARD SPECIFICATIONS, M1.03.0, 2 INCHES LARGEST DIMENSION.
- PAVEMENT THICKNESSES ARE DIMENSIONS AFTER COMPACTION.
- CRUSHED STONE AND GRAVEL BORROW SHALL BE COMPACTED IN LIFTS TO 95% PROCTOR DENSITY PRIOR TO PLACEMENT OF PAVEMENT.
- THE BITUMINOUS CONCRETE SHALL BE HOT BITUMINOUS CONCRETE PAVEMENT PER MASSACHUSETTS STANDARD SPECIFICATIONS, CURRENT EDITION, SECTION 400.
- PAVEMENT SECTION SHALL BE CONFIRMED WITH OWNER AND LOCAL SPECIFICATIONS.

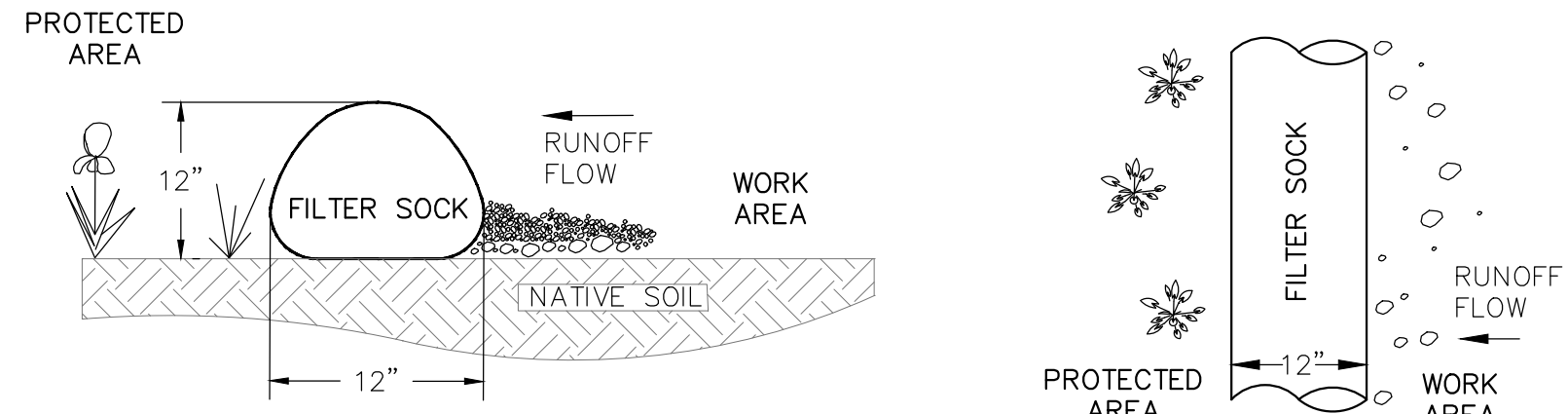
**BITUMINOUS CONCRETE PAVEMENT SECTION**  
N.T.S.



NOTES:

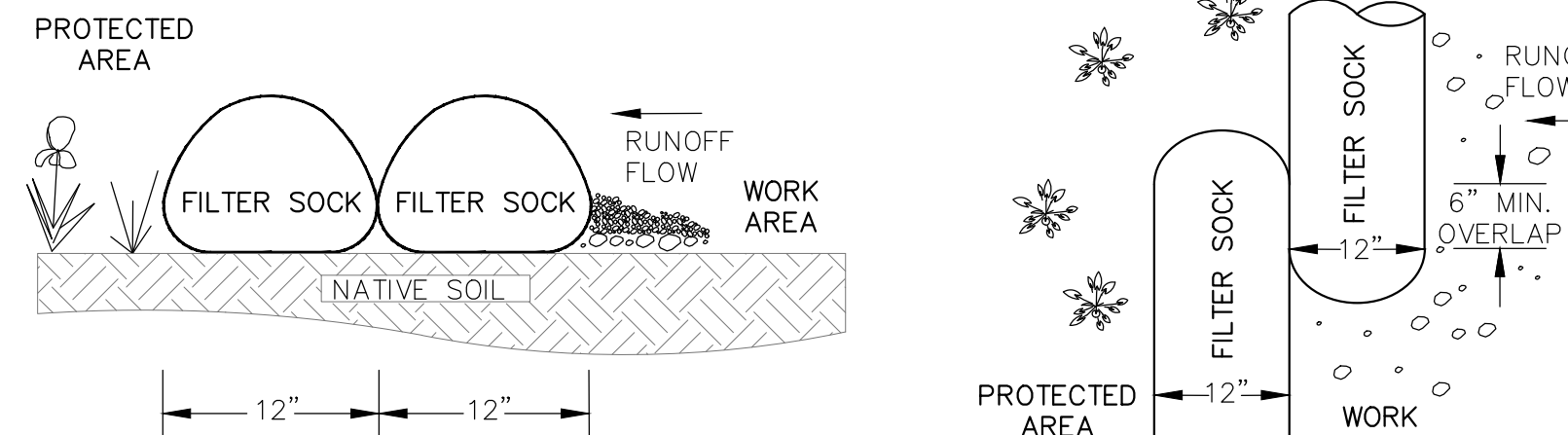
- EACH FILTER SOCK SHALL CONSIST OF COMPOST MATERIAL WRAPPED IN PERMEABLE. COMPOST MATERIAL AND FABRIC CASING SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PAY FOR COMPOST MATERIAL TESTING IF REQUIRED.
- FILTER SOCKS SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
- WHEN JOINING TWO FILTER SOCKS, TIGHTLY ABUT BOTH ENDS OR OVERLAP THE FILTER SOCKS APPROXIMATELY 12". IF FILTER SOCKS ARE JOINED BY ABUTTING THE ENDS, TIE THE ENDS TOGETHER USING HEAVY TWINE OR PLASTIC LOCKING TIES.
- ENDS OF FILTER SOCKS SHALL BE TURNED UP THE SLOPE, SO AS TO RETAIN WATER AND PREVENT ITS RELEASE FROM THE END OF THE FILTER SOCK.
- IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFFSITE.

**COMPOST SOCK DETAIL**  
N.T.S.



**TYPICAL SECTION VIEW**

**TYPICAL TOP VIEW**



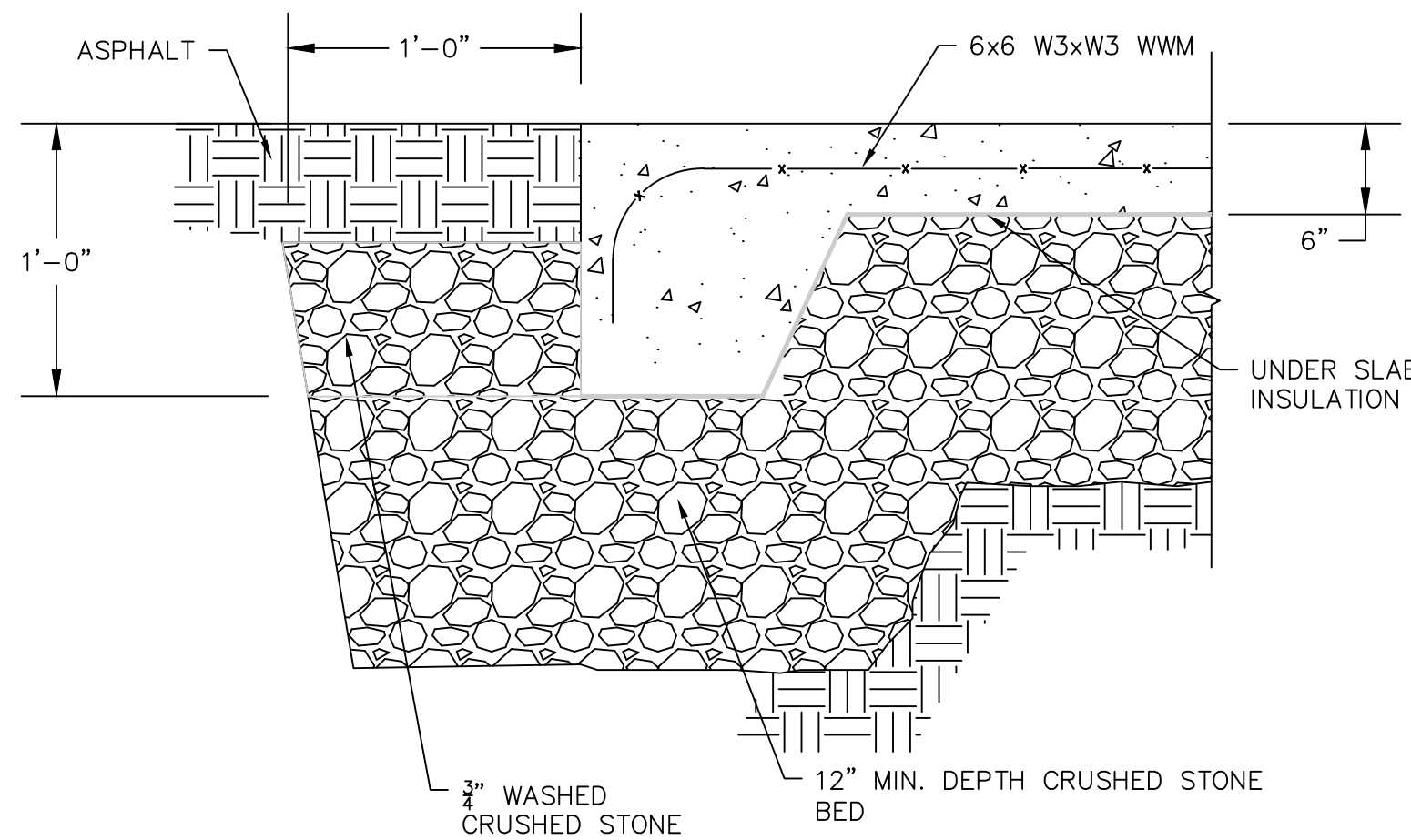
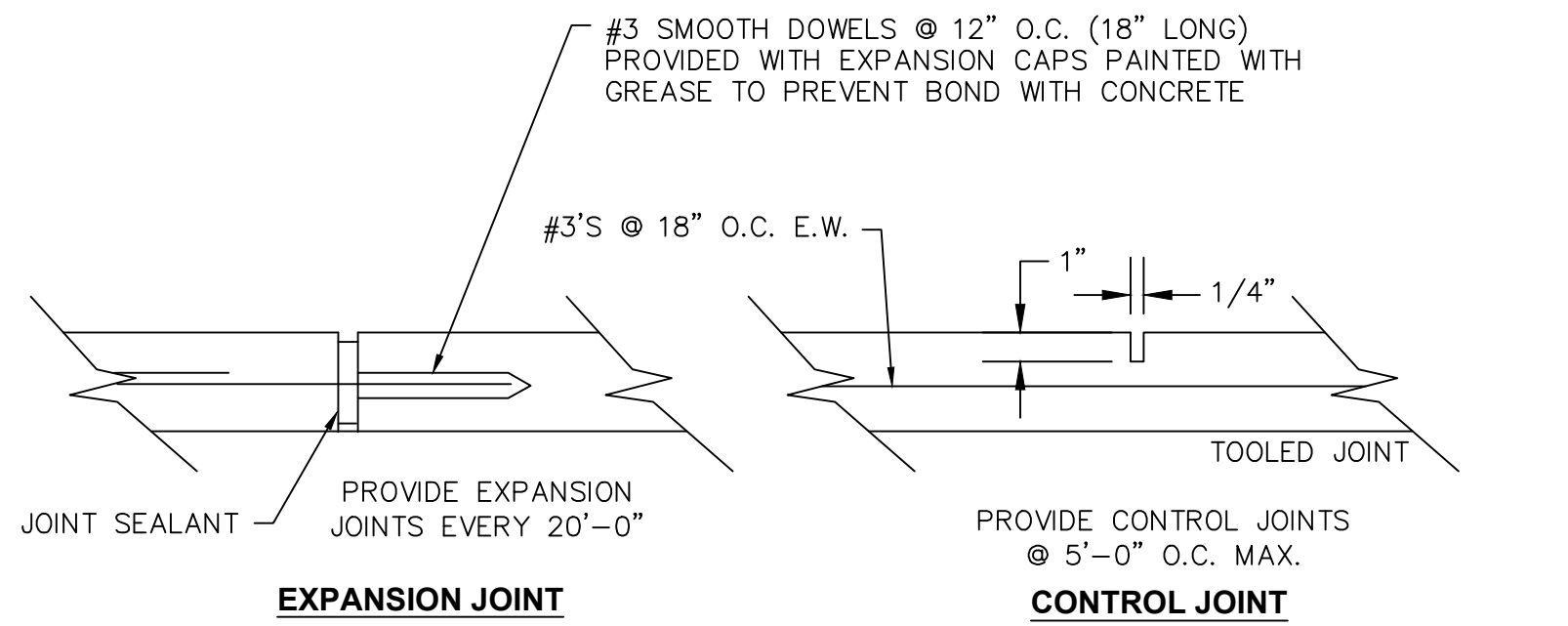
**OVERLAP END VIEW**

**OVERLAP TOP VIEW**

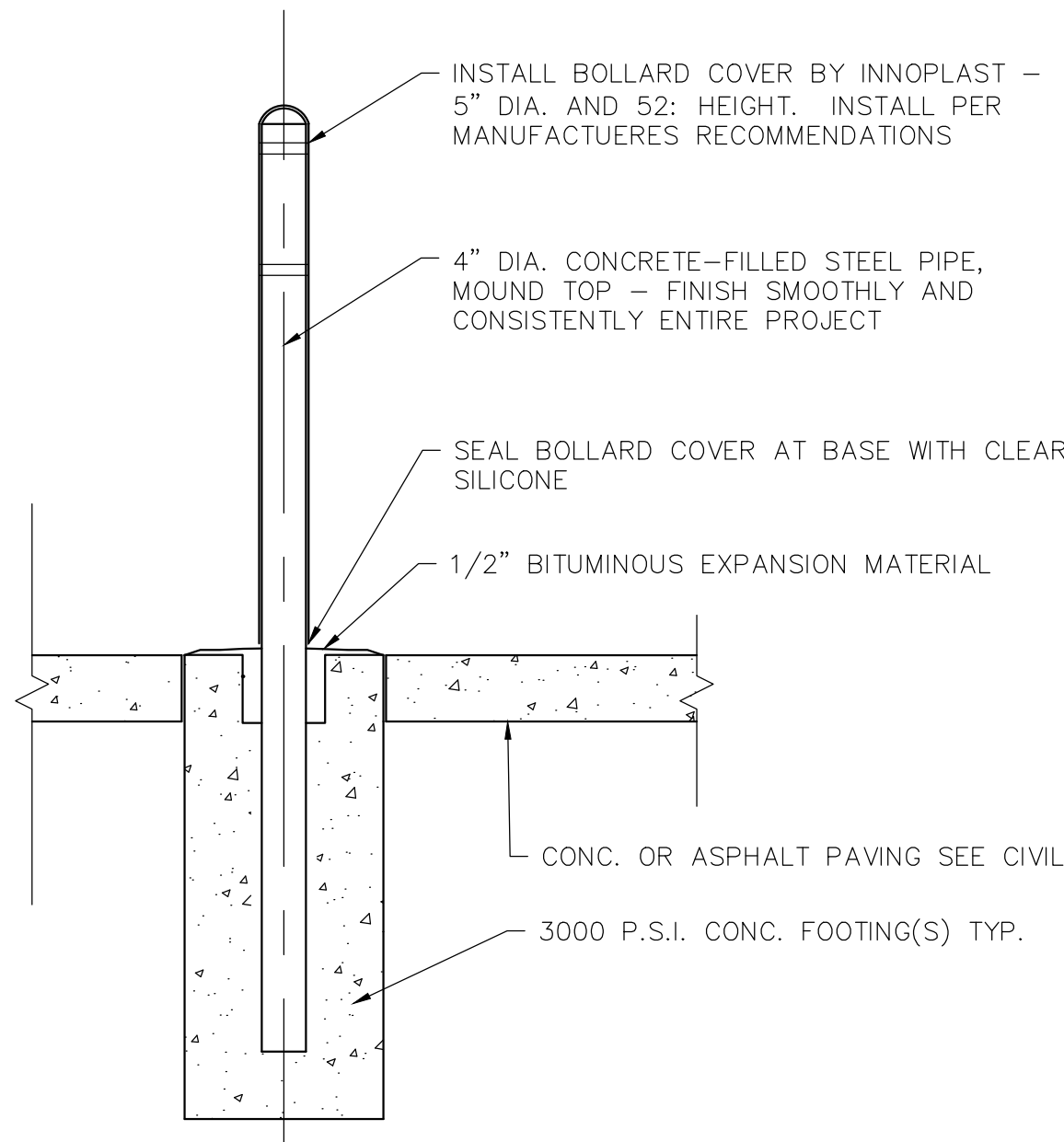
NOTES:

- EACH FILTER SOCK SHALL CONSIST OF COMPOST MATERIAL WRAPPED IN BURLAP. COMPOST MATERIAL AND BURLAP CASING SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PAY FOR COMPOST MATERIAL TESTING IF REQUIRED.
- FILTER SOCKS SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
- COMPOST FILTER SOCK TO BE STAKED WITH A 4' BEANPOLE AT A MAXIMUM DISTANCE OF 10'. STAKE CLOSER AS NEEDED.

**COMPOST FILTER SOCK UNION ENDS DETAIL**  
N.T.S.



**CONCRETE PAD**  
N.T.S.



**4\"/>**

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| PREPARED FOR: | SOUTH SHORE RECYCLING COOPERATIVE<br>118 ROCKLAND STREET<br>HANOVER, MA 02339 |
| DRAWING:      | DETAILS                                                                       |

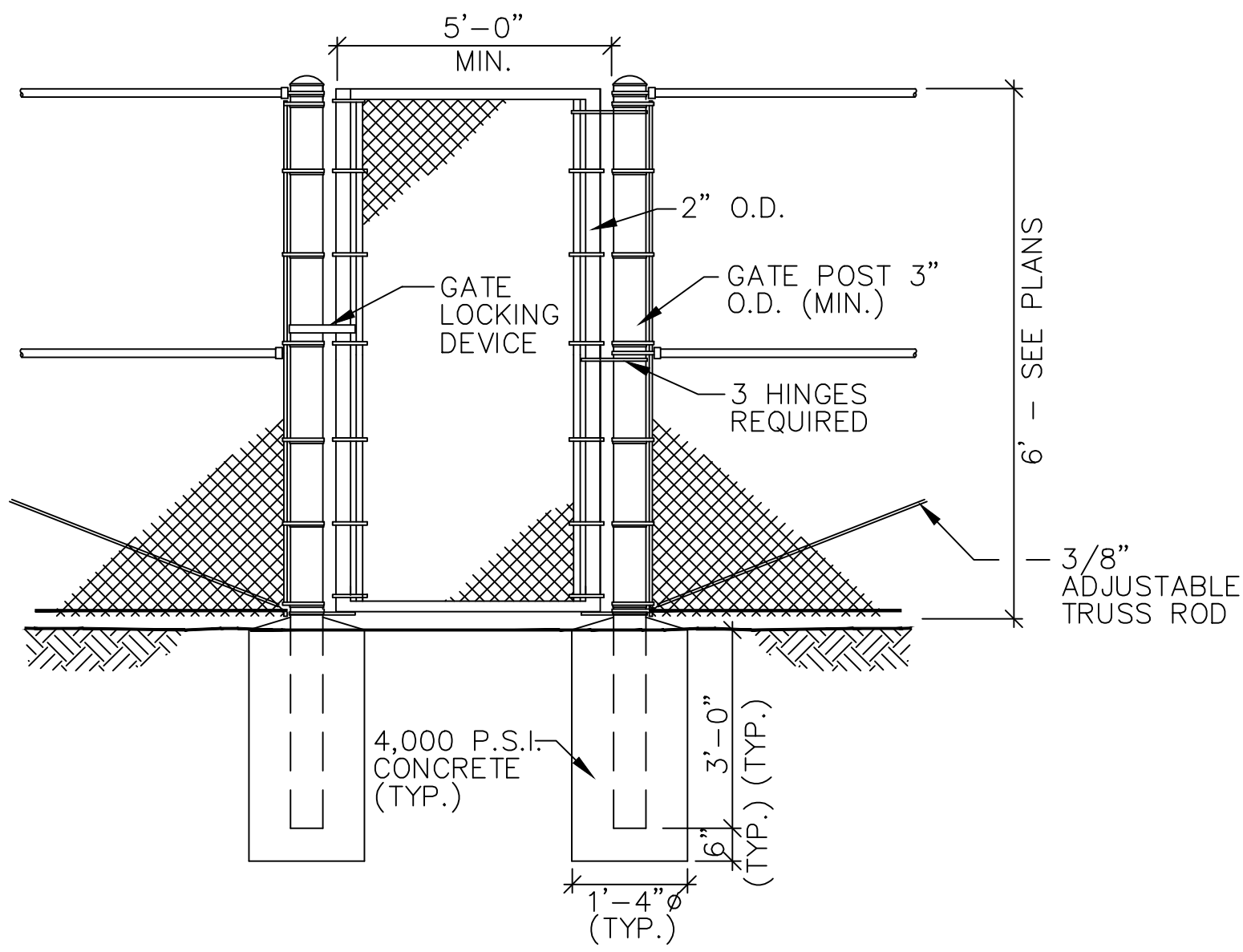
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|-----------|--------------------------------------------------------------------------------|
| PROJECT:  | HOUSEHOLD HAZARDOUS WASTE FACILITY<br>118 ROCKLAND STREET<br>HANOVER, MA 02339 |
| PLAN SET: | SITE PLANS                                                                     |

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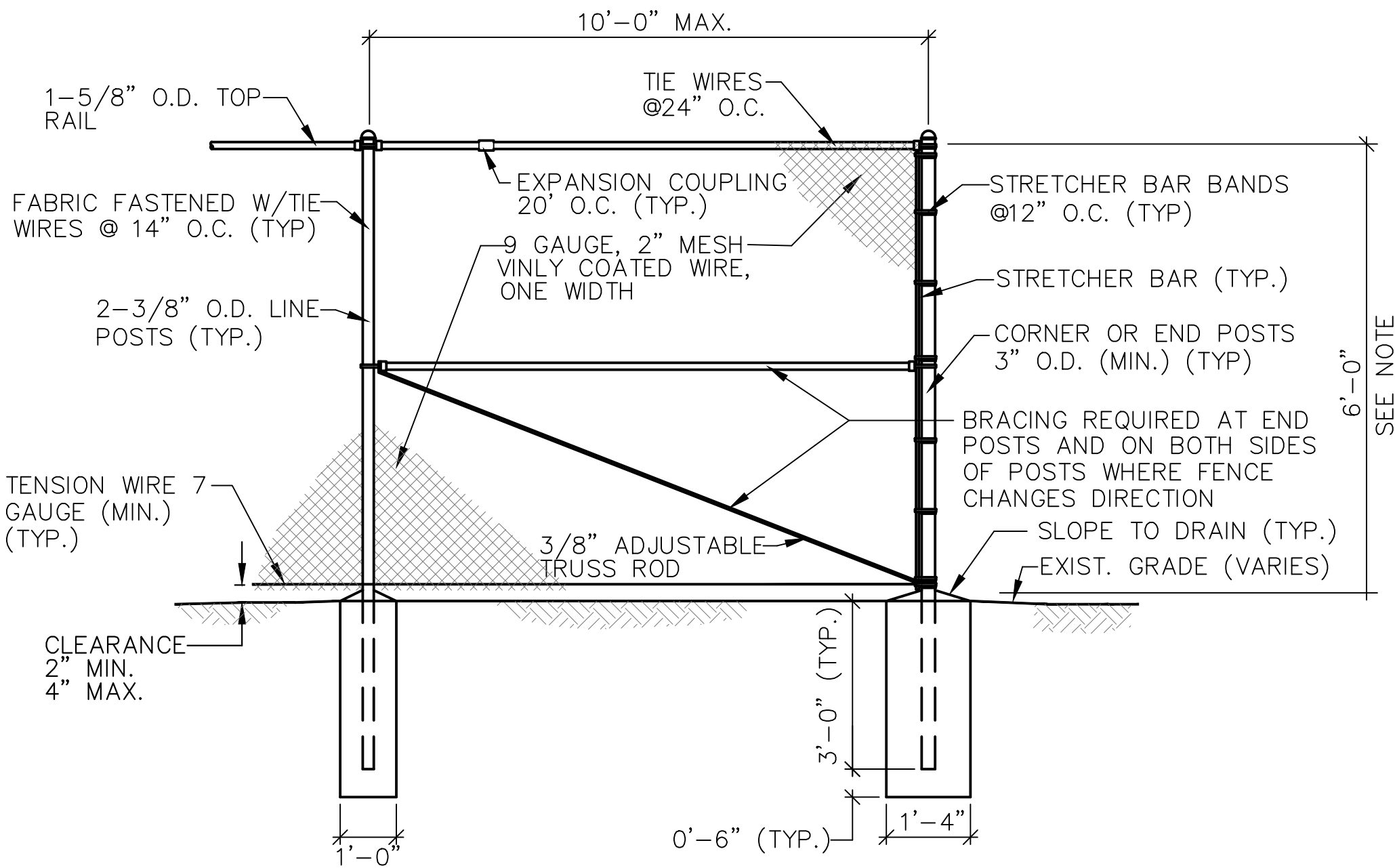
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| DATE:         | 02/26/2026     |
| DESIGNED: BTM | CHECKED: MSD   |
| DRAFTED: BTM  | IN CHARGE: KEM |
| SCALE:        | N.T.S.         |
| PROJECT NO.   | 13493.0        |
| SHEET NO.     | 5              |



5' PEDESTRIAN GATE  
N.T.S.



TYPICAL SECURITY FENCE  
N.T.S.



DATE: 02/26/2026  
DESIGNED: BTM CHECKED: MSD  
DRAFTED: BTM IN CHARGE: KEM  
SCALE: N.T.S.  
PROJECT NO. 13493.0  
SHEET NO.

6

PROJECT:  
HOUSEHOLD HAZARDOUS WASTE FACILITY  
118 ROCKLAND STREET  
HANOVER, MA 02339

PLAN SET  
SITE PLANS

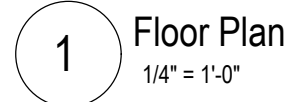
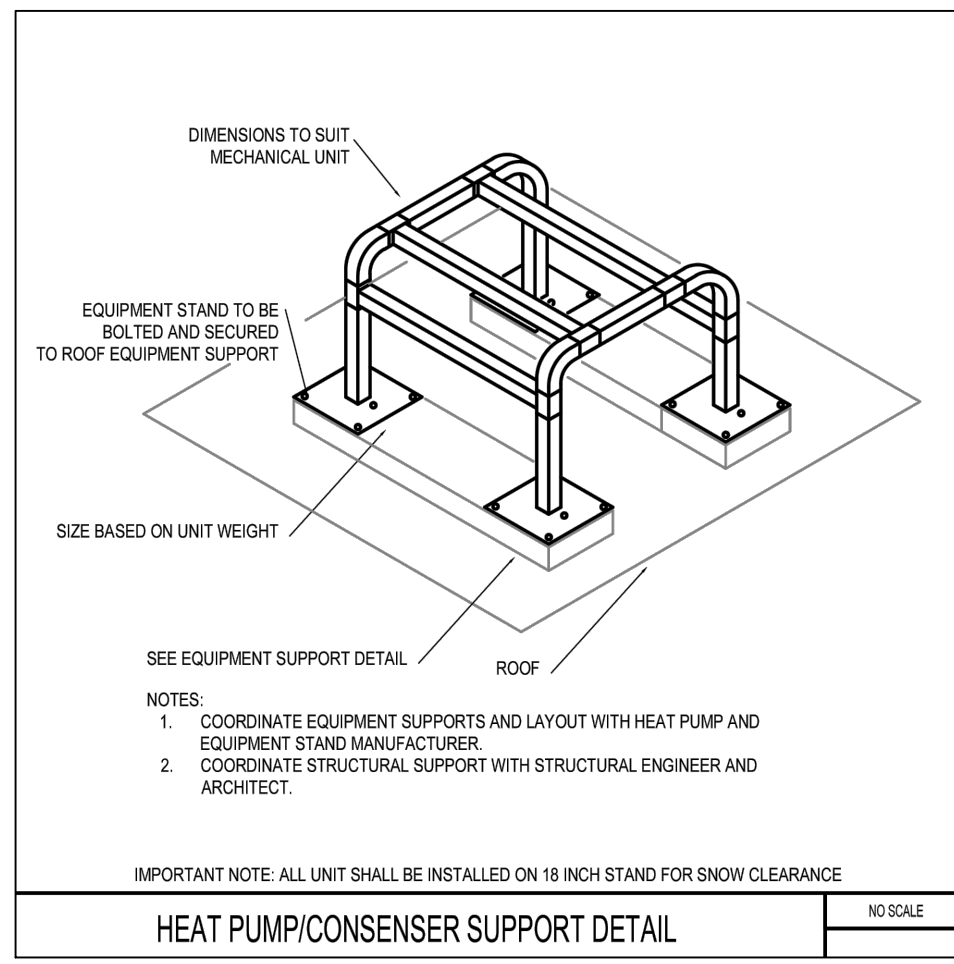
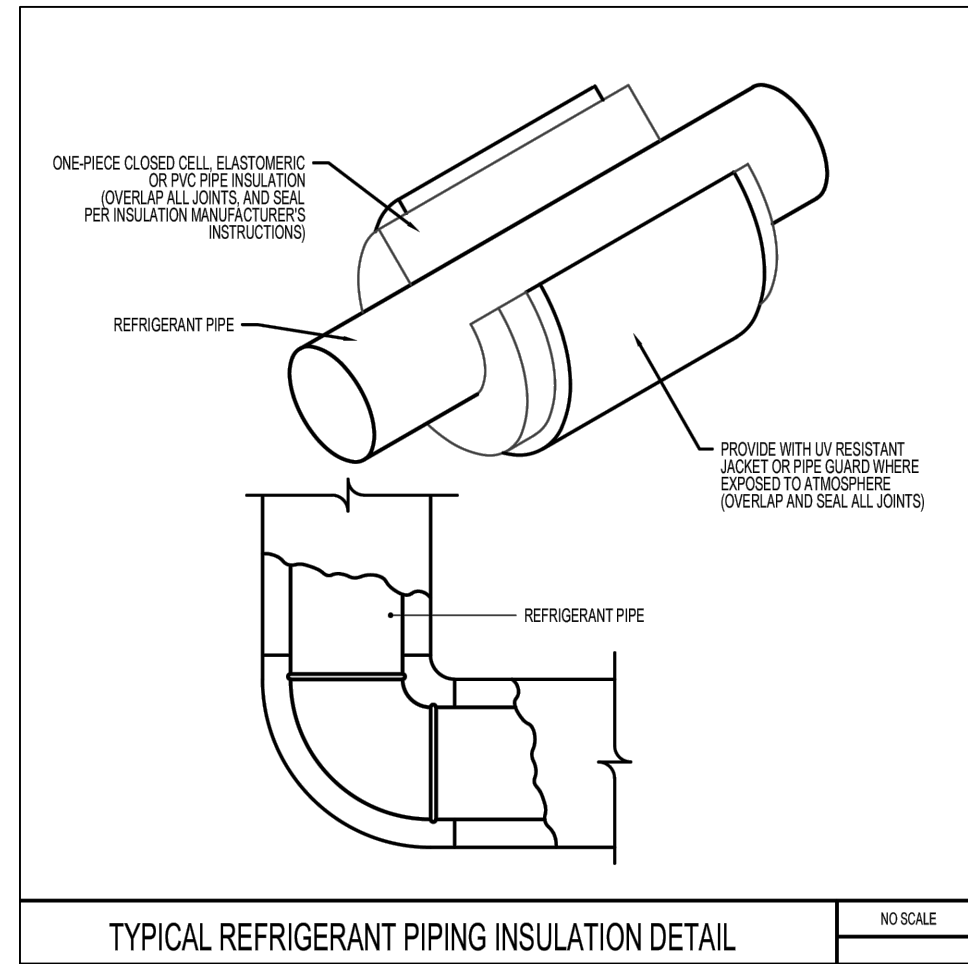
PREPARED FOR:  
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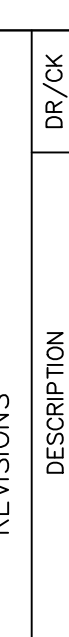
DRAWING  
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| NO.       | DATE | DESCRIPTION |
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- MECHANICAL WORK INDICATED IS DIAGRAMMATIC EXACT LOCATIONS OF ALL COMPONENTS ARE TO BE DETERMINED IN THE FIELD (SPACING SUBJECT TO ARCHITECT'S REVIEW AND APPROVAL) TO AVOID CONFLICT WITH OTHER TRADES AND EXISTING SITE CONDITIONS.
2. THE CONTRACTOR SHALL VISIT AND CAREFULLY EXAMINE THE SITE TO IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT THE WORK OF THIS SECTION. REPORT IN WRITING TO THE ARCHITECT CONDITIONS WHICH MIGHT ADVERSELY AFFECT WORK. NO EXTRA PAYMENT WILL BE PROVIDED FOR ADDITIONAL WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS THAT ARE VISIBLE OR READILY CONSTRUED BY AN EXPERIENCED OBSERVER.
3. ALL INSTALLATIONS SHALL PERMIT AND PROVIDE ACCESSIBILITY FOR SERVICE AND REPLACEMENT OF ALL NEW EQUIPMENT AND EXISTING EQUIPMENT IMPACTED BY THIS WORK.
4. COORDINATE ALL ROOF OPENINGS WITH ARCHITECT AND STRUCTURAL ENGINEER.
5. REFER TO STRUCTURAL FRAMING PLANS FOR EXACT LOCATION OF ALL ROOF MOUNTED EQUIPMENT.
6. ALL MECHANICAL EQUIPMENT, PIPING, AND DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF GOVERNING LOCAL, STATE, AND FEDERAL SEISMIC CODES. PARTICULAR ATTENTION SHALL BE MADE TO VIBRATION ISOLATION, ANCHORING, AND BALANCING REQUIREMENTS.
7. ALL DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH CODES AND STANDARDS SET FORTH IN NFPA, SMACNA, AND ASHRAE FOR MEDIUM AND LOW PRESSURE DUCTWORK SYSTEMS.
8. PROVIDE MANUAL VOLUME DAMPERS AT ALL BRANCH DUCTS FOR AIR BALANCING.
9. ALL SHEET METAL PLENUMS AT OUTSIDE AIR LOUVERS SHALL BE INSULATED WITH RIGID INSULATION.
10. RUN-OUTS TO RETURN AND EXHAUST REGISTERS, OR GRILLES ABOVE GYP BOARD CEILINGS, SHALL BE RIGID DUCTED. NO FLEXIBLE DUCT WORK SHALL BE ALLOWED ON RETURN OR EXHAUST REGISTERS.
11. ALL DUCTS, PIPES, AND EQUIPMENT SHALL BE INDEPENDENTLY SUPPORTED FROM THE BUILDING STRUCTURE WITH PROPER ALLOWANCES FOR CONTRACTION, EXPANSION, AND VIBRATION ELIMINATION.
12. ROOM THERMOSTATS SHALL BE MOUNTED 4'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE SHOWN OR DIRECTED.
13. ALL DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR FREE AREA REQUIRED.
14. ALL DIFFUSER, REGISTER, AND GRILLE SIZES INDICATED ON FLOOR PLANS ARE NECK SIZE REQUIRED.
15. ALL PIPING IS TO BE SLOPED A MINIMUM OF 1/4" PER HUNDRED FEET IN THE DIRECTION OF DRAINAGE.
16. NOT ALL SYMBOLS OR ABBREVIATIONS ARE USED ON THIS PROJECT.
17. COORDINATE ENTIRE INSTALLATION WITH THE WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATIONS.
18. OBTAIN ALL REQUIRED PERMITS AND PAY ALL FEES RELATED TO SAME.
19. ALL PIPING AND DUCTWORK SHOWN IS DIAGRAMMATIC ONLY. DETERMINE THE EXACT LOCATION IN THE FIELD.
20. REVIEW ALL ARCHITECTURAL, STRUCTURAL, PLUMBING, ELECTRICAL, FIRE PROTECTION AND SITE DRAWINGS BEFORE STARTING ANY WORK TO BECOME FAMILIAR WITH THE DETAILS OF CONSTRUCTION, AND COORDINATE WITH OTHER TRADES.
21. PROVIDE ALL NECESSARY PIPING, EQUIPMENT AND SUPPORTS AS WELL AS ANY ADDITIONAL EQUIPMENT, ETC. NOT SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS BUT NECESSARY TO PROVIDE COMPLETE AND WORKABLE SYSTEMS.
22. PROVIDE ACCESS TO ALL EQUIPMENT REQUIRING PERIODIC SERVICE AND MAINTENANCE.
23. DO NOT SCALE THESE DRAWINGS. TAKE ALL MEASUREMENTS IN THE FIELD IN COORDINATION WITH ALL EQUIPMENT AS APPROVED AND WITH ALL OTHER TRADES.
24. ALL DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF SMACNA
25. ALL ROTATING EQUIPMENT SHALL HAVE FLEXIBLE PIPE ON DUCT CONNECTIONS AND APPROVED VIBRATION ISOLATORS.
26. CONTRACTOR SHALL VERIFY DUCT, PIPING AND EQUIPMENT LOCATIONS FOR INTERFERENCES BEFORE INSTALLATION.
27. PROVIDE VERTICAL SUPPORTS FOR HOT/CHILLED/CONDENSER WATER PIPING AT THE FOLLOWING MAXIMUM INTERVALS; 15' FOR 6" & 5" DIAMETER PIPE; 12' FOR 4" DIAMETER PIPE; 10' FOR 3" & 2-1/2" DIAMETER PIPE; 8' FOR 2" DIAMETER PIPE; 7' FOR 1-1/2" & 1-1/4" DIAMETER PIPE; 5' FOR 1" & 3/4" DIAMETER PIPE.
28. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.

1. CONTRACTOR SHALL PROVIDE AND INSTALL A GAS DETECTION SYSTEMS WITHIN THE FLAMMABLE STORAGE AND STANDARD STORAGE AREAS. THE SYSTEM SHALL INCLUDE:
  - 1.1. FOUR CHANNEL WALL MOUNT CONTROLLER WITH A STROBE LIGHT (BEACON 410A BY RKI OR EQUIVALENT).
  - 1.2. FOUR SENSOR/TRANSMITTERS (S2 BY RKI, OR EQUIVALENT) TO DETECT LEL AND O2 . SENSORS TO BE CONNECTED TO ABOVE CONTROLLER.
  - 1.3. INSTALLATION LOCATIONS FOR SENSORS AND CONTROLLER TO BE DETERMINED IN THE FIELD.



|                                                                                                                                                                                                                                                           |                                       |                                                                                         |     |                                                                                             |             |           |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------|-------------|-----------|--|
|  <p><b>CONECO</b><br/> <i>Engineers &amp; Scientists</i><br/>         PHONE: 800-548-3355<br/>         WEBSITE: <a href="http://www.coneco.com">www.coneco.com</a></p> |                                       | PROJECT: HOUSEHOLD HAZARDOUS WASTE FACILITY<br>118 ROCKLAND STREET<br>HANOVER, MA 02339 |     | PREPARED FOR: SOUTH SHORE RECYCLING COOPERATIVE<br>118 ROCKLAND STREET<br>HANOVER, MA 02339 |             | REVISIONS |  |
| DATE: 9/22/26                                                                                                                                                                                                                                             | DESIGNED: BTM                         | CHECKED: MSD                                                                            | NO. | DATE                                                                                        | DESCRIPTION | DR/CK     |  |
| DRAFTED: BTM                                                                                                                                                                                                                                              | IN CHARGE: KEM                        |                                                                                         |     |                                                                                             |             |           |  |
| SCALE: AS SHOWN                                                                                                                                                                                                                                           |                                       |                                                                                         |     |                                                                                             |             |           |  |
| PROJECT NO. 13493.0                                                                                                                                                                                                                                       |                                       |                                                                                         |     |                                                                                             |             |           |  |
| SHEET NO.                                                                                                                                                                                                                                                 | PLAN SET: SITE PLANS<br>DRAWING: HVAC |                                                                                         |     |                                                                                             |             |           |  |
| <div style="text-align: right; font-size: 2em; font-weight: bold;">H-1</div>                                                                                                                                                                              |                                       |                                                                                         |     |                                                                                             |             |           |  |