

1 **ADDENDUM NO. 1**

2  
3 **PROJECT INFORMATION**

4 Project Name: **New Shop Building for Laketown Township.**

5 Owner's Representative: **Chris Bartlett.**

6 Project Number: **24084**

7 Design Firm: **Lien & Peterson Architects, Inc.**

8 Date of Addendum: **April 10, 2025.**

9  
10 **NOTICE TO BIDDERS**

11 This Addendum is issued pursuant to the Instructions to Bidders. This Addendum serves to clarify, revise,  
12 and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the  
13 Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the  
14 Addendum in the Owner/Contractor Agreement.

15  
16 The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.

17  
18 The date for receipt of bids is unchanged by this Addendum, at same time and location.

19 Bid Date: **Monday, April 21, 2025 at 12:00 p.m. (noon).**

20  
21 **ATTACHMENTS**

22 This Addendum includes the following attached Documents and Specification Sections:

23 Document 31 20 00 – Earth Moving, (new).

24 Document 31 50 00 – Excavation Support and Protection, (new).

25 Document 32 12 16.13 – Asphalt Paving, (reissued).

26  
27 This Addendum includes the following attached Sheets:

28 A501 – Building Sections

29 A502 – Wall Sections, Details

30 A701 – Reflected Ceiling Plan

31 S301 – Roof Framing Plan

32  
33 **REVISIONS TO DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS**

34 Document 00 11 13 – Advertisement for Bids, (not reissued).

35 Page 1, line 33, Delivery options have changed and there won't be a hand delivery option. Replace line  
36 33 with the following: "emailed to [laketownshop@outlook.com](mailto:laketownshop@outlook.com); mailed to PO Box 455, Luck, WI  
37 54853".

38 Page 1, line 35, Bid will be opened on Tuesday April 22<sup>nd</sup> at the 7:00 p.m. board meeting. Meeting  
39 location Cushing Community Center 2510 242nd St., Cushing WI 54006

40  
41 **REVISIONS TO DIVISION 01 GENERAL REQUIREMENTS**

42 Clarifications:

43 The project is tax exempt, do not include sale tax. Coordinate with owner on required paperwork.

44 Builders Risk Insurance is required per 00 21 00 page 2.

45  
46 Specification Section 01 50 00 Temporary Facilities and Controls, (not reissued).

47 Page 2, lines 51-53, revise as follows: "Sanitary Facilities Workers: General Contractor shall provide  
48 and maintain, temporary, portable toilets".

49  
50 **REVISIONS TO DIVISIONS 02 - 49 SPECIFICATION SECTIONS**

51 Specification Section 07 41 13 – Formed Metal Roof Panels, (not reissued).

52 Gutters and downspouts are not part of this project. Remove all mentions of gutters, downspouts, and  
53 items associated with their installation.



**LIEN & PETERSON ARCHITECTS, INC.**  
Phone: 715-835-7500 Email: [admin@2dlp.com](mailto:admin@2dlp.com)  
4675 Royal Drive Eau Claire, WI 54701

- 1
- 2 Specification Section 07 62 00 – Sheet Metal Flashing and Trim, (not reissued).
- 3 Gutters and downspouts are not part of this project. Remove all mentions of gutters, downspouts, and
- 4 items associated with their installation.
- 5
- 6 Specification Section 09 91 23 – Interior Painting, (not reissued).
- 7 Page 2, lines 38 to 51: remove lines from paint section, there won't be any painting of the Plumbing,
- 8 HVAC, Electrical, and Communication Work.
- 9

- 10
- 11 **REVISIONS TO DRAWING SHEETS**
- 12 Sheet C101 – Existing Conditions and Demo Plan (not reissued)
- 13 Owner to demo existing building, contractor to saw cut and remove asphalt as shown.
- 14 Owner to provide well water connection to building.
- 15 Holding tanks to be provided by contractor.
- 16
- 17 Sheet A302 – Wall Types (not reissued)
- 18 Wall Type C interior finish to be 5/8" GPDW, not pre-finished interior metal liner panel. Moisture
- 19 resistant is correct at toilet room.
- 20
- 21 Sheet A501 – Building Sections (reissued).
- 22 Detail 1 – North-South Building Section: The attic space exceeds 3,000 sq. ft., a draft stop is required.
- 23 Install 1/2" gypsum board along center truss for draft stopping.
- 24
- 25 Sheet A502 – Wall Sections, Details (reissued)
- 26 Detail 9 – Added attic hatch detail
- 27
- 28 Sheet A701 – Reflected Ceiling Plan (reissued)
- 29 Detail 1 – Added attic access hatches
- 30
- 31 Sheet S301 – Roof Framing Plan (reissued)
- 32 Detail 1 – Delete not calling out 1x4 girts (building has wood sheathing both sides as called out in detail),
- 33 add attic hatch call outs, add smoke separation call out.
- 34

35 **END OF DOCUMENT**

1 **SECTION 31 20 00**  
2 **EARTH MOVING**

3  
4 **PART 1 - GENERAL**

5  
6 **SUMMARY**

7 Section Includes:

- 8 Excavating and filling for rough grading the Site.  
9 Preparing subgrades for slabs-on-grade, walks, and pavements.  
10 Excavating and backfilling for buildings and structures.  
11 Drainage course for concrete slabs-on-grade.  
12 Subbase course for concrete walks and pavements.  
13 Subbase course for asphalt paving.

14  
15 **DEFINITIONS**

16 Backfill: Soil material used to fill an excavation.

- 17  
18 Initial Backfill: Backfill placed beside and over pipe in a trench, including haunches to support sides of pipe.  
19 Final Backfill: Backfill placed over initial backfill to fill a trench.

20  
21 Base Course: Aggregate layer placed between the subbase course and hot-mix asphalt paving.

22  
23 Bedding Course: Aggregate layer placed over the excavated subgrade in a trench before laying pipe.

24  
25 Borrow Soil: Satisfactory soil imported from off-site for use as fill or backfill.

26  
27 Drainage Course: Aggregate layer supporting the slab-on-grade that also minimizes upward capillary flow of pore  
28 water.

29  
30 Excavation: Removal of material encountered above subgrade elevations and to lines and dimensions indicated.

- 31  
32 Authorized Additional Excavation: Excavation below subgrade elevations or beyond indicated lines and  
33 dimensions as directed by Architect. Authorized additional excavation and replacement material will be paid  
34 for according to Contract provisions for changes in the Work.

35 Unauthorized Excavation: Excavation below subgrade elevations or beyond indicated lines and dimensions  
36 without direction by Architect. Unauthorized excavation, as well as remedial work directed by Architect, shall  
37 be without additional compensation.

38  
39 Fill: Soil materials used to raise existing grades.

40  
41 Structures: Buildings, footings, foundations, retaining walls, slabs, tanks, curbs, mechanical and electrical  
42 appurtenances, or other man-made stationary features constructed above or below the ground surface.

43  
44 Subbase Course: Aggregate layer placed between the subgrade and base course for hot-mix asphalt pavement, or  
45 aggregate layer placed between the subgrade and a cement concrete pavement or a cement concrete or hot-mix asphalt  
46 walk.

47  
48 Subgrade: Uppermost surface of an excavation or the top surface of a fill or backfill immediately below subbase,  
49 drainage fill, drainage course, or topsoil materials.

50  
51 Utilities: On-site underground pipes, conduits, ducts, and cables as well as underground services within buildings.

52  
53 **PREINSTALLATION MEETINGS**

54 Preinstallation Conference: Conduct pre-excavation conference at Project site.

1  
2 **INFORMATIONAL SUBMITTALS**

3 Material test reports.  
4

5 **FIELD CONDITIONS**

6 Utility Locator Service: Notify utility locator service for area where Project is located before beginning earth-moving  
7 operations.  
8

9 **PART 2 - PRODUCTS**

10  
11 **SOIL MATERIALS**

12 General: Provide borrow soil materials when sufficient satisfactory soil materials are not available from excavations.  
13

14 Satisfactory Soils: Soil Classification Groups GW, GP, GM, SW, SP, and SM according to ASTM D2487, or a  
15 combination of these groups; free of rock or gravel larger than 3 inches in any dimension, debris, waste, frozen  
16 materials, vegetation, and other deleterious matter.  
17

18 Subbase Material: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or  
19 crushed sand; ASTM D2940/D2940M; with at least 90 percent passing a 1-1/2-inch sieve and not more than 12 percent  
20 passing a No. 200 sieve.  
21

22 Base Course: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed  
23 sand; ASTM D2940/D2940M; with at least 95 percent passing a 1-1/2-inch sieve and not more than 8 percent passing  
24 a No. 200 sieve.  
25

26 Engineered Fill: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or  
27 crushed sand; ASTM D2940/D2940M; with at least 90 percent passing a 1-1/2-inch sieve and not more than 12 percent  
28 passing a No. 200 sieve.  
29

30 Bedding Course: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or  
31 crushed sand; ASTM D2940/D2940M; except with 100 percent passing a 1-inch sieve and not more than 8 percent  
32 passing a No. 200 sieve.  
33

34 Drainage Course: Narrowly graded mixture of crushed stone, or crushed or uncrushed gravel; ASTM D448; coarse-  
35 aggregate grading Size 57; with 100 percent passing a 1-1/2-inch sieve and zero to 5 percent passing a No. 8 sieve.  
36

37 **ACCESSORIES**

38 Warning Tape: Acid- and alkali-resistant, polyethylene film warning tape manufactured for marking and identifying  
39 underground utilities, 6 inches wide and 4 mils thick, continuously inscribed with a description of the utility; colored  
40 to comply with local practice or requirements of authorities having jurisdiction.  
41

42 Detectable Warning Tape: Acid- and alkali-resistant, polyethylene film warning tape manufactured for marking and  
43 identifying underground utilities, a minimum of 6 inches wide and 4 mils thick, continuously inscribed with a  
44 description of the utility, with metallic core encased in a protective jacket for corrosion protection, detectable by metal  
45 detector when tape is buried up to 30 inches deep; colored to comply with local practice or requirements of authorities  
46 having jurisdiction.  
47

48 **PART 3 - EXECUTION**

49  
50 **PREPARATION**

51 Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral  
52 movement, undermining, washout, and other hazards created by earth-moving operations.  
53

54 Protect and maintain erosion and sedimentation controls during earth-moving operations.  
55

1 Protect subgrades and foundation soils from freezing temperatures and frost. Remove temporary protection before  
2 placing subsequent materials.

3  
4 **EXCAVATION FOR STRUCTURES**

5 Excavate to indicated elevations and dimensions within a tolerance of plus or minus 1 inch. If applicable, extend  
6 excavations a sufficient distance from structures for placing and removing concrete formwork, for installing services  
7 and other construction, and for inspections.

8  
9       Excavations for Footings and Foundations: Do not disturb bottom of excavation. Excavate by hand to final grade  
10       just before placing concrete reinforcement. Trim bottoms to required lines and grades to leave solid base to  
11       receive other work.

12  
13 **EXCAVATION FOR WALKS AND PAVEMENTS**

14 Excavate surfaces under walks and pavements to indicated lines, cross sections, elevations, and subgrades.

15  
16 **SUBGRADE INSPECTION**

17 Proof-roll subgrade below the building slabs and pavements with a pneumatic-tired dump truck to identify soft pockets  
18 and areas of excess yielding. Do not proof-roll wet or saturated subgrades.

19  
20 Reconstruct subgrades damaged by freezing temperatures, frost, rain, accumulated water, or construction activities,  
21 as directed by Architect, without additional compensation.

22  
23 **UNAUTHORIZED EXCAVATION**

24 Fill unauthorized excavation under foundations or wall footings by extending bottom elevation of concrete foundation  
25 or footing to excavation bottom, without altering top elevation. Lean concrete fill, with 28-day compressive strength  
26 of 2500 psi, may be used when approved by Architect.

27  
28       Fill unauthorized excavations under other construction, pipe, or conduit as directed by Architect.

29  
30 **STORAGE OF SOIL MATERIALS**

31 Stockpile borrow soil materials and excavated satisfactory soil materials without intermixing. Place, grade, and shape  
32 stockpiles to drain surface water. Cover to prevent windblown dust.

33  
34       Stockpile soil materials away from edge of excavations. Do not store within drip line of remaining trees.

35  
36 **SOIL FILL**

37 Plow, scarify, bench, or break up sloped surfaces steeper than 1 vertical to 4 horizontal so fill material will bond with  
38 existing material.

39  
40 Place and compact fill material in layers to required elevations as follows:

41  
42 Revise soil materials in subparagraphs below to suit Project. Other soil materials, such as a drainage course or subbase  
43 or base courses, may still be required over fill.

44       Under walks and pavements, use satisfactory soil material.

45       Under steps and ramps, use engineered fill.

46       Under building slabs, use engineered fill.

47       Under footings and foundations, use engineered fill.

48  
49 **COMPACTION OF SOIL BACKFILLS AND FILLS**

50 Place backfill and fill soil materials in layers not more than 8 inches in loose depth for material compacted by heavy  
51 compaction equipment and not more than 4 inches in loose depth for material compacted by hand-operated tampers.

52  
53 Place backfill and fill soil materials evenly on all sides of structures to required elevations and uniformly along the  
54 full length of each structure.

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**GRADING**

General: Uniformly grade areas to a smooth surface, free of irregular surface changes. Comply with compaction requirements and grade to cross sections, lines, and elevations indicated.

Site Rough Grading: Slope grades to direct water away from buildings and to prevent ponding. Finish subgrades to elevations required to achieve indicated finish elevations, within the following subgrade tolerances:

Revise "Turf or Unpaved Areas," "Walks," and "Pavements" subparagraphs below to suit Project.

Turf or Unpaved Areas: Plus or minus 1 inch.

Walks: Plus or minus 1 inch.

Pavements: Plus or minus 1/2 inch.

Grading inside Building Lines: Finish subgrade to a tolerance of 1/2 inch when tested with a 10-foot straightedge.

**SUBBASE AND BASE COURSES UNDER PAVEMENTS AND WALKS**

Place subbase course on subgrades free of mud, frost, snow, or ice.

On prepared subgrade, place subbase course under pavements and walks as follows:

Shape subbase course to required crown elevations and cross-slope grades.

Place subbase course that exceeds 6 inches in compacted thickness in layers of equal thickness, with no compacted layer more than 6 inches thick or less than 3 inches thick.

Compact subbase course at optimum moisture content to required grades, lines, cross sections, and thickness to not less than 95 percent of maximum dry unit weight according to ASTM D698.

**PROTECTION**

Protecting Graded Areas: Protect newly graded areas from traffic, freezing, and erosion. Keep free of trash and debris.

Repair and reestablish grades to specified tolerances where completed or partially completed surfaces become eroded, rutted, settled, or where they lose compaction due to subsequent construction operations or weather conditions.

Where settling occurs before Project correction period elapses, remove finished surfacing, backfill with additional soil material, compact, and reconstruct surfacing.

Restore appearance, quality, and condition of finished surfacing to match adjacent work, and eliminate evidence of restoration to greatest extent possible.

**DISPOSAL OF SURPLUS AND WASTE MATERIALS**

Remove surplus satisfactory soil and waste materials, including unsatisfactory soil, trash, and debris, and legally dispose of them off Owner's property.

**END OF SECTION**

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**SECTION 31 50 00  
EXCAVATION SUPPORT AND PROTECTION**

**PART 1 - GENERAL**

**SUMMARY**

Section includes temporary excavation support and protection systems.

**PREINSTALLATION MEETINGS**

Preinstallation Conference: Conduct conference at Project site.

**INFORMATIONAL SUBMITTALS**

Existing Conditions: Using photographs, show existing conditions of adjacent construction and site improvements that might be misconstrued as damage caused by inadequate performance of excavation support and protection systems. Submit before Work begins.

**CLOSEOUT SUBMITTALS**

Record Drawings: Identify locations and depths of capped utilities, abandoned-in-place support and protection systems, and other subsurface structural, electrical, or mechanical conditions.

**FIELD CONDITIONS**

Interruption of Existing Utilities: Do not interrupt any utility-serving facilities occupied by Owner or others unless permitted under the following conditions and then only after arranging to provide temporary utility according to requirements indicated:

Notify Owner no fewer than two days in advance of proposed interruption of utility.

Do not proceed with interruption of utility without Owner's permission.

**PART 2 - PRODUCTS**

**MATERIALS**

Provide materials that are either new or in serviceable condition.

Structural Steel: ASTM A 36/A 36M, ASTM A 690/A 690M, or ASTM A 992/A 992M.

Steel Sheet Piling: ASTM A 328/A 328M, ASTM A 572/A 572M, or ASTM A 690/A 690M; with continuous interlocks.

Corners: Site-fabricated mechanical interlock.

Cast-in-Place Concrete: ACI 301, of compressive strength required for application.

Reinforcing Bars: ASTM A 615/A 615M, Grade 60, deformed.

Tiebacks: Steel bars, ASTM A 722/A 722M.

**PART 3 - EXECUTION**

**INSTALLATION - GENERAL**

Locate excavation support and protection systems clear of permanent construction, so that construction and finishing of other work is not impeded.

Install excavation support and protection systems to ensure minimum interference with roads, streets, walks, and other adjacent occupied and used facilities.

1 Do not close or obstruct streets, walks, or other adjacent occupied or used facilities without permission from  
2 Owner and authorities having jurisdiction.  
3 Provide alternate routes around closed or obstructed traffic ways if required by authorities having jurisdiction.  
4

5 Install excavation support and protection systems without damaging existing buildings, structures, and site  
6 improvements adjacent to excavation.  
7

### 8 **SOLDIER PILES AND LAGGING**

9 Install steel soldier piles before starting excavation.  
10

11 Extend soldier piles below excavation grade level to depths adequate to prevent lateral movement.  
12 Space soldier piles at regular intervals not to exceed allowable flexural strength of wood lagging.  
13 Accurately align exposed faces of flanges to vary not more than 2 inches from a horizontal line and not more than  
14 1:120 out of vertical alignment.  
15

16 Install wales horizontally at locations indicated on Drawings and secure to soldier piles.  
17

### 18 **SHEET PILING**

19 Retain this article if driven sheet piling is required.  
20

21 Before starting excavation, install one-piece sheet piling lengths and tightly interlock vertical edges to form a  
22 continuous barrier.  
23

24 Accurately place the piling using templates and guide frames unless otherwise recommended in writing by the sheet  
25 piling manufacturer.  
26

27 Limit vertical offset of adjacent sheet piling to 60 inches.  
28

29 Accurately align exposed faces of sheet piling to vary not more than 2 inches from a horizontal line and not more  
30 than 1:120 out of vertical alignment.  
31

32 Cut tops of sheet piling to uniform elevation at top of excavation.  
33

### 34 **TIEBACKS**

35 Most tieback systems are proprietary. Insert material requirements in Part 2 if a particular tieback is required. If  
36 tiebacks are permanent, consider requiring corrosion protection of tendons and anchorage connections.  
37

38 Drill, install, grout, and tension tiebacks.  
39

40 Test load-carrying capacity of each tieback, and replace and retest deficient tiebacks.  
41

42 Have test loading observed by a qualified professional engineer responsible for design of excavation support and  
43 protection system.  
44

45 Maintain tiebacks in place until permanent construction is able to withstand lateral earth and hydrostatic pressures.  
46

### 47 **BRACING**

48 Bracing of wales may be required for soldier piles and lagging systems and for sheet piling.  
49

50 Locate bracing to clear columns, floor framing construction, and other permanent work. If necessary to move brace,  
51 install new bracing before removing original brace.  
52

53 Do not place bracing where it will be cast into or included in permanent concrete work unless otherwise approved  
54 by Architect.  
55

56 Install internal bracing if required to prevent spreading or distortion of braced frames.  
57

58 Maintain bracing until structural elements are supported by other bracing or until permanent construction is able  
59 to withstand lateral earth and hydrostatic pressures.  
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**MAINTENANCE**

- Monitor and maintain excavation support and protection system.
- Prevent surface water from entering excavations by grading, dikes, or other means.
- Continuously monitor vibrations, settlements, and movements to ensure stability of excavations and constructed slopes and to ensure that damage to permanent structures is prevented.

**FIELD QUALITY CONTROL**

- Survey-Work Benchmarks: Resurvey benchmarks regularly during installation of excavation support and protection systems, excavation progress, and for as long as excavation remains open.
  - Maintain an accurate log of surveyed elevations and positions for comparison with original elevations and positions.
  - Promptly notify Architect if changes in elevations or positions occur or if cracks, sags, or other damage is evident in adjacent construction.
- Promptly correct detected bulges, breakage, or other evidence of movement to ensure that excavation support and protection system remains stable.
- Promptly repair damages to adjacent facilities caused by installation or faulty performance of excavation support and protection systems.

**REMOVAL AND REPAIRS**

- Retain first paragraph below if removal of excavation support and protection systems is required.
- Remove excavation support and protection systems when construction has progressed sufficiently to support excavation and earth and hydrostatic pressures.
  - Remove in stages to avoid disturbing underlying soils and rock or damaging structures, pavements, facilities, and utilities.
- Retain first subparagraph below if required. Some jurisdictions require removing excavation support and protection systems within 48 inches (1200 mm) of finish grade.
  - Remove excavation support and protection systems to a minimum depth of 48 inches below overlying construction, and abandon remainder.
  - Fill voids immediately with approved backfill compacted to density specified in Section 31 20 00 "Earth Moving."
  - Repair or replace, as approved by Architect, adjacent work damaged or displaced by removing excavation support and protection systems.
- Retain paragraph below if excavation support and protection system will be left in place.
- Leave excavation support and protection systems permanently in place.

**END OF SECTION**

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**SECTION 32 12 16.13**  
**PLANT MIX ASPHALT PAVING**  
**BASED ON DFDM MASTER SPECIFICATION DATED 12/12/2017**

**PART 1 - GENERAL**

**SCOPE**

The work under this section shall consist of providing all work, materials, labor, equipment, and supervision necessary to provide and construct the paving and surfacing as provided for in these specifications and on the drawings. Included are the following topics:

**PART 1 - GENERAL**

Scope

Related Work

**PART 2 - MATERIALS**

Recycled Products and Materials

Hot Mix Asphalt (HMA) Pavement

Tack Coat

**PART 3 - EXECUTION**

Hot Mix Asphalt (HMA) Pavement

Reheating Joints

Pavement Repairs

**RELATED WORK**

Applicable provisions of Division 1 govern work under this Section.

Related Work Specified Elsewhere:

Section 30 05 00 – Common Work Results for all Exterior Work

Section 32 11 23.33 – Dense Graded Base

Section 32 13 13 SF – Concrete Paving

**PART 2 - MATERIALS**

**RECYCLED PRODUCTS AND MATERIALS**

The Wisconsin Department of Administration, Division of Facilities Development and Management (DFDM) strongly encourages the use of recycled materials and products containing recycled materials. Bidders may submit specifications for recycled materials and products containing recycled materials for consideration by the DFDM for use on the project as part of the submittal process following the contract award.

**HOT MIX ASPHALTIC (HMA) PAVEMENT**

Provide HMA pavement thickness and type as indicated on the plan and conforming to the requirements of WisDOT SSHSC Section 450 and Section 460. Utilize the same material type throughout the paving operation unless noted elsewhere on the drawings. Ensure all asphaltic materials provided under this section conform to the requirements of WisDOT SSHSC, Section 455 and as revised in any current Supplemental Specifications.

1     **TACK COAT**

2  
3     Apply tack coat at a minimum rate of 0.05 gallons per square yard to the lower layer(s) of HMA pavement  
4     surface prior to placing surface layer of HMA pavement, unless otherwise noted. Tack coat shall require a  
5     minimum asphalt content of 50% and meet all other requirements of the WisDOT SSHSC Section 455.

6  
7                     **PART 3 - EXECUTION**

8  
9     **HOT MIX ASPHALT (HMA) PAVEMENT**

10  
11     Complete all work under this section to WisDOT SSHSC, Section 450 and Section 460. Provide HMA  
12     layer thicknesses as shown on the drawings. The minimum thickness of the HMA binder layer shall not be  
13     less than 1-1/2 inches (9.5 mm nominal aggregate size). The minimum thickness of the HMA surface layer  
14     shall not be less than 1-1/2 inches (9.5 mm nominal aggregate size).

15  
16     **PAVEMENT REPAIRS**

17  
18     Sawcut all pavement surfaces to neat and straight lines at the limits of removal by a two-step method.  
19     Limit the initial pavement removal to the immediate area of the proposed work. Full depth sawcutting is  
20     not required for this phase of removal. After the work is completed, make a full depth sawcut to neat and  
21     straight lines outside the widest point of pavement disruption. Sawcut the lines of the repair parallel to  
22     existing joints, or parallel to or perpendicular to pavement edges so as to form a neat patch. Carefully  
23     remove all remaining pavement within the sawcut area to the lines of the sawcut. Do not disturb the  
24     existing base materials between the area disturbed by the work and the sawcut line by the sawcutting,  
25     pavement removal, or pavement replacement processes.

26  
27     Remove all walks, curbs, and other jointed paving by sawcutting at the nearest joint beyond the limits of  
28     removal.

29  
30     Adjust all inlets, manholes, catch basins, valve boxes, and other such castings to match new finished grade  
31     as incidental work.

32  
33     Clean and fill all major structural cracks (not alligatored areas) with crack filler conforming to ASTM D-  
34     3405 prior to placing new HMA pavement overlay. Place tack coat on all surfaces in accordance with  
35     WisDOT SSHSC Section 455. Apply emulsified asphalt tack coat at the rate of 0.05 gallons per square  
36     yard to the existing asphalt surface.

37     Place HMA binder course in all areas undergoing removal and replacement and in areas receiving new  
38     HMA surface course. Remove existing gravel as necessary to allow placement of binder course in lift  
39     thicknesses as shown on the drawings.

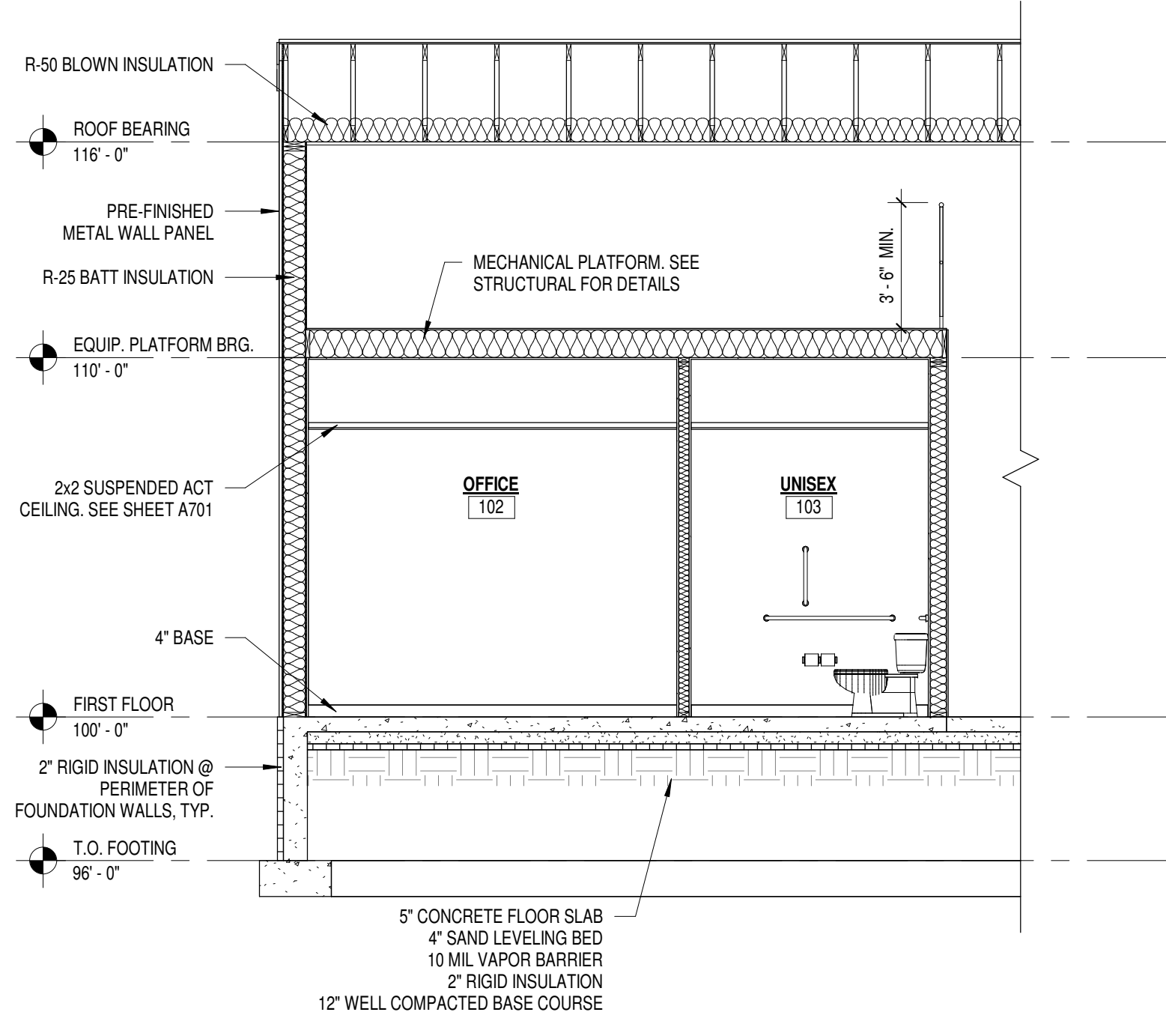
40  
41     Place HMA surface course on all roadway, parking lots, service drives, and loading dock areas as  
42     designated on the drawings.

43  
44                     **END OF SECTION**

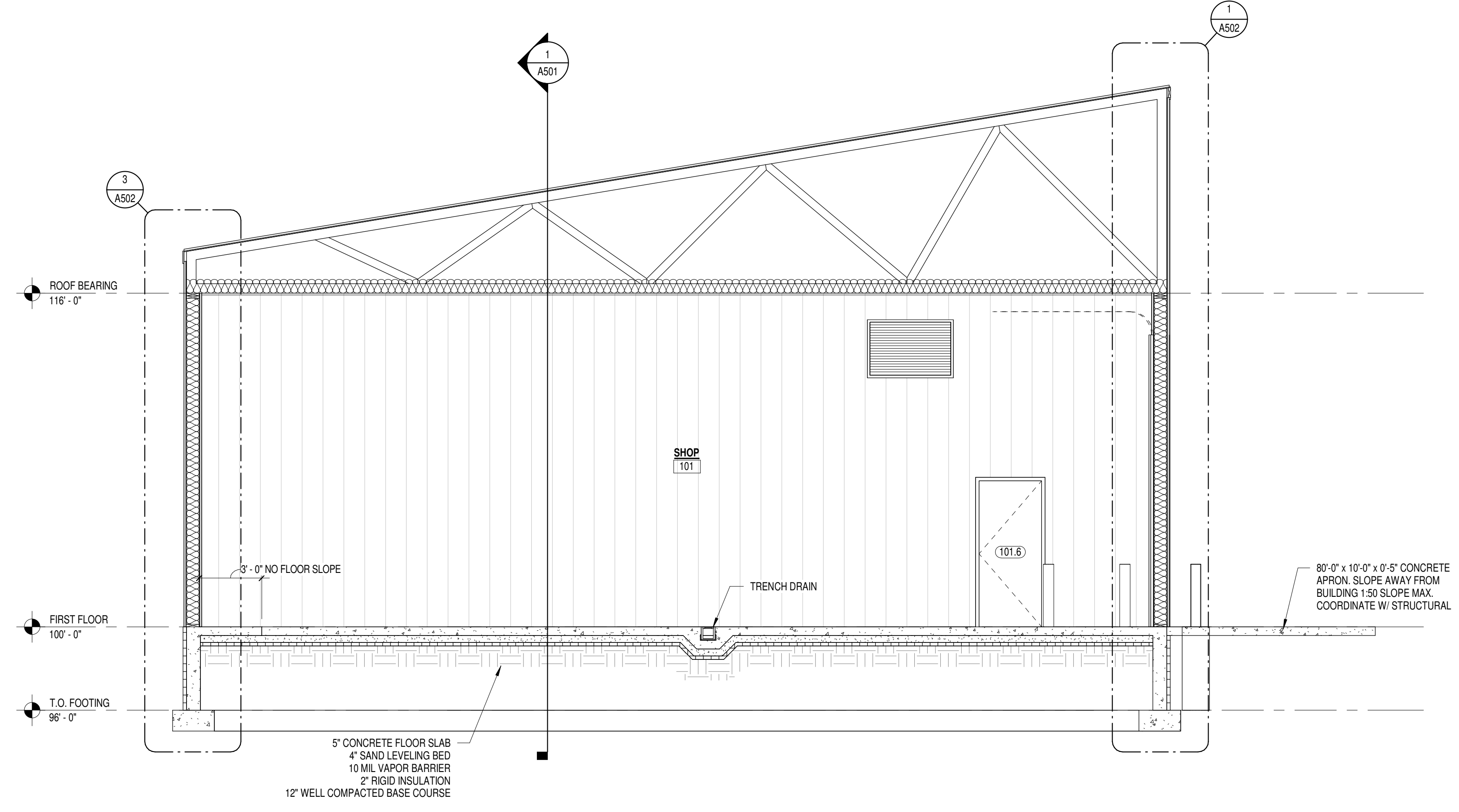
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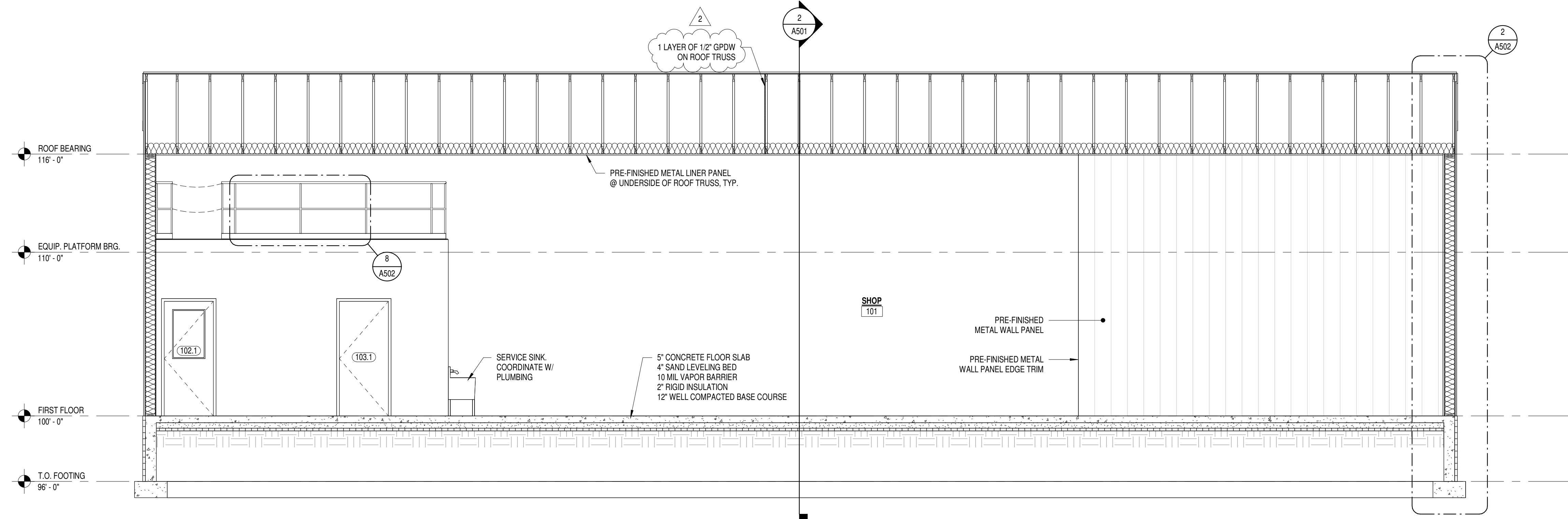
**A501**



**3 SECTION @ MECH PLATFORM**  
1/4" = 1'-0"

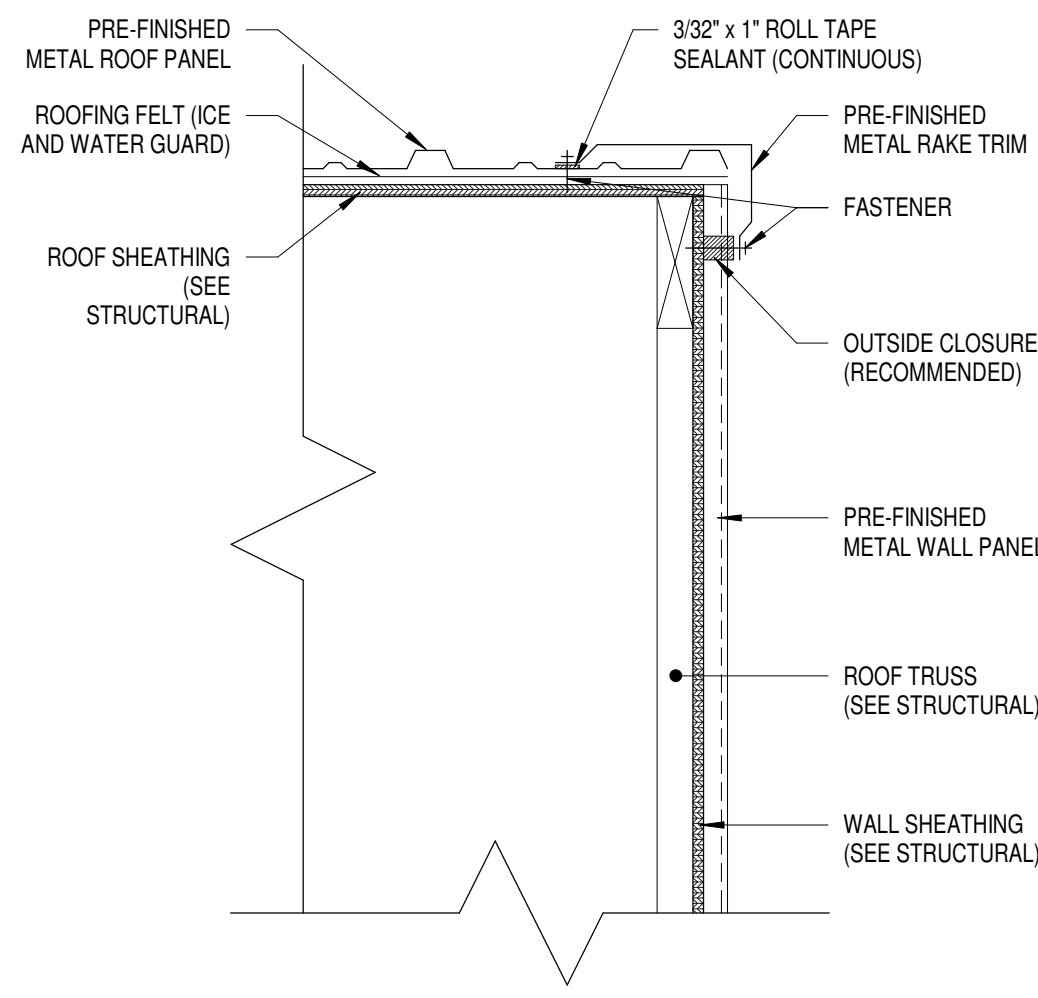


**2 EAST-WEST BUILDING SECTION**  
1/4" = 1'-0"

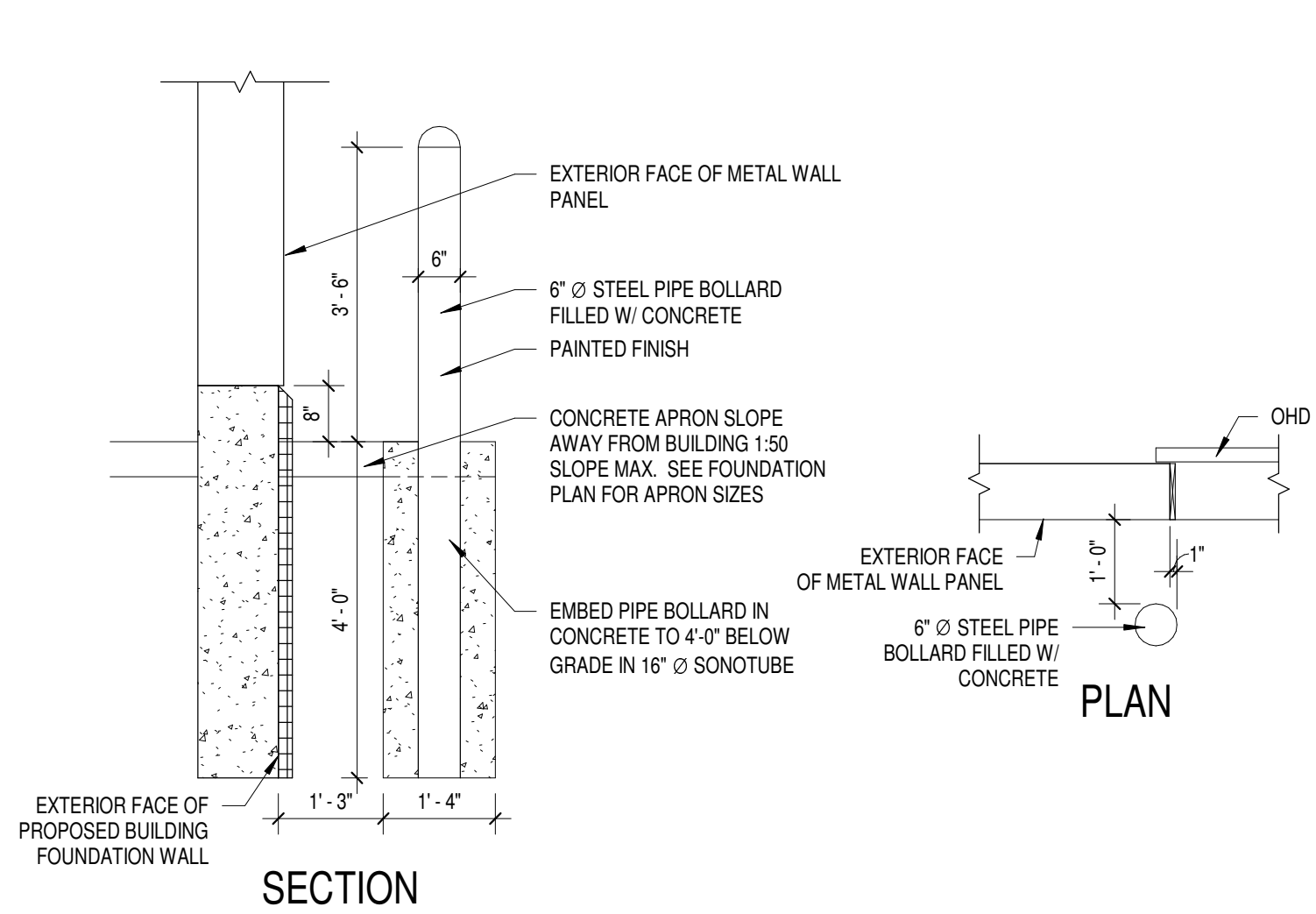


**1 NORTH-SOUTH BUILDING SECTION**  
1/4" = 1'-0"

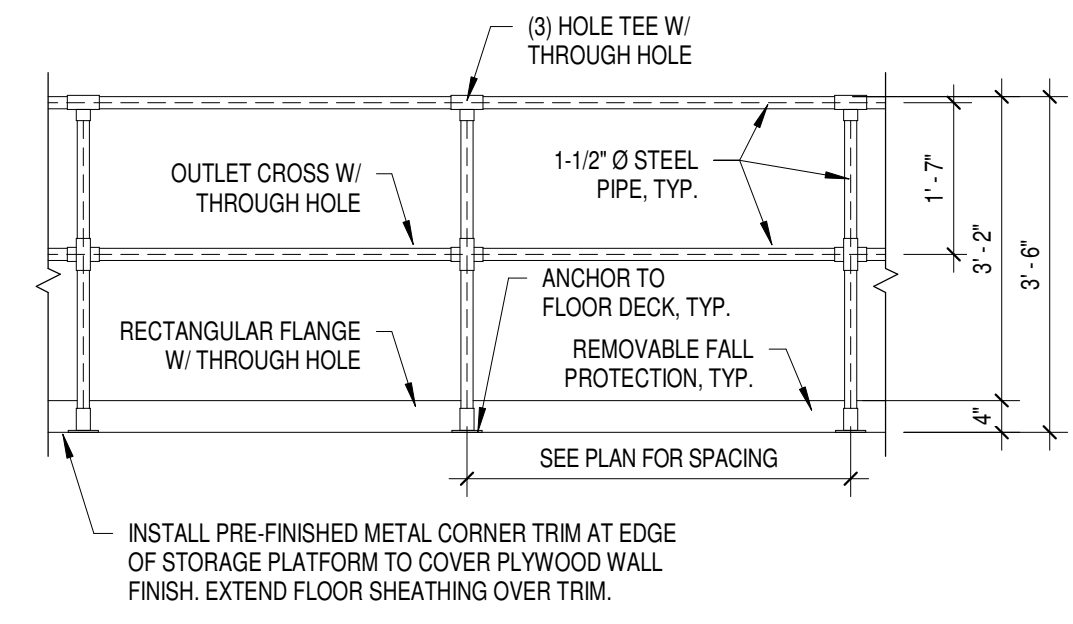




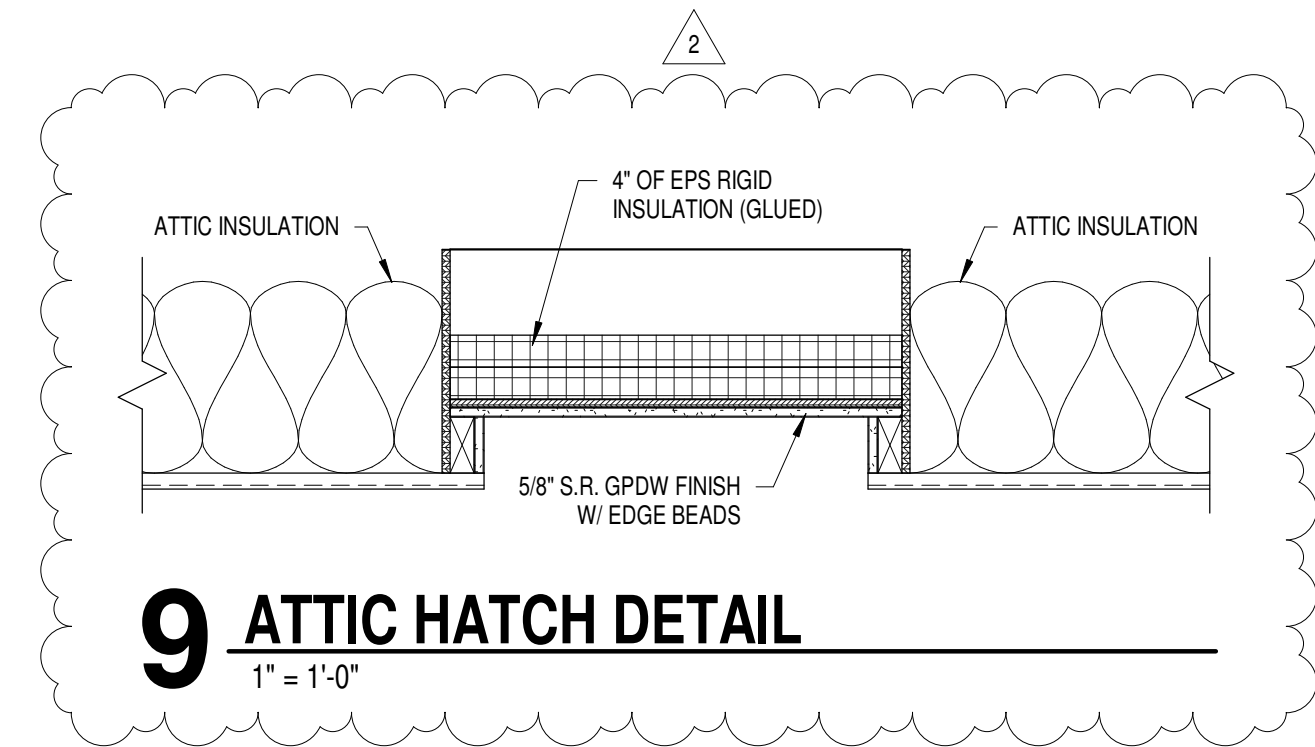
**6 RAKE @ NON-BEARING**  
1 1/2" = 1'-0"



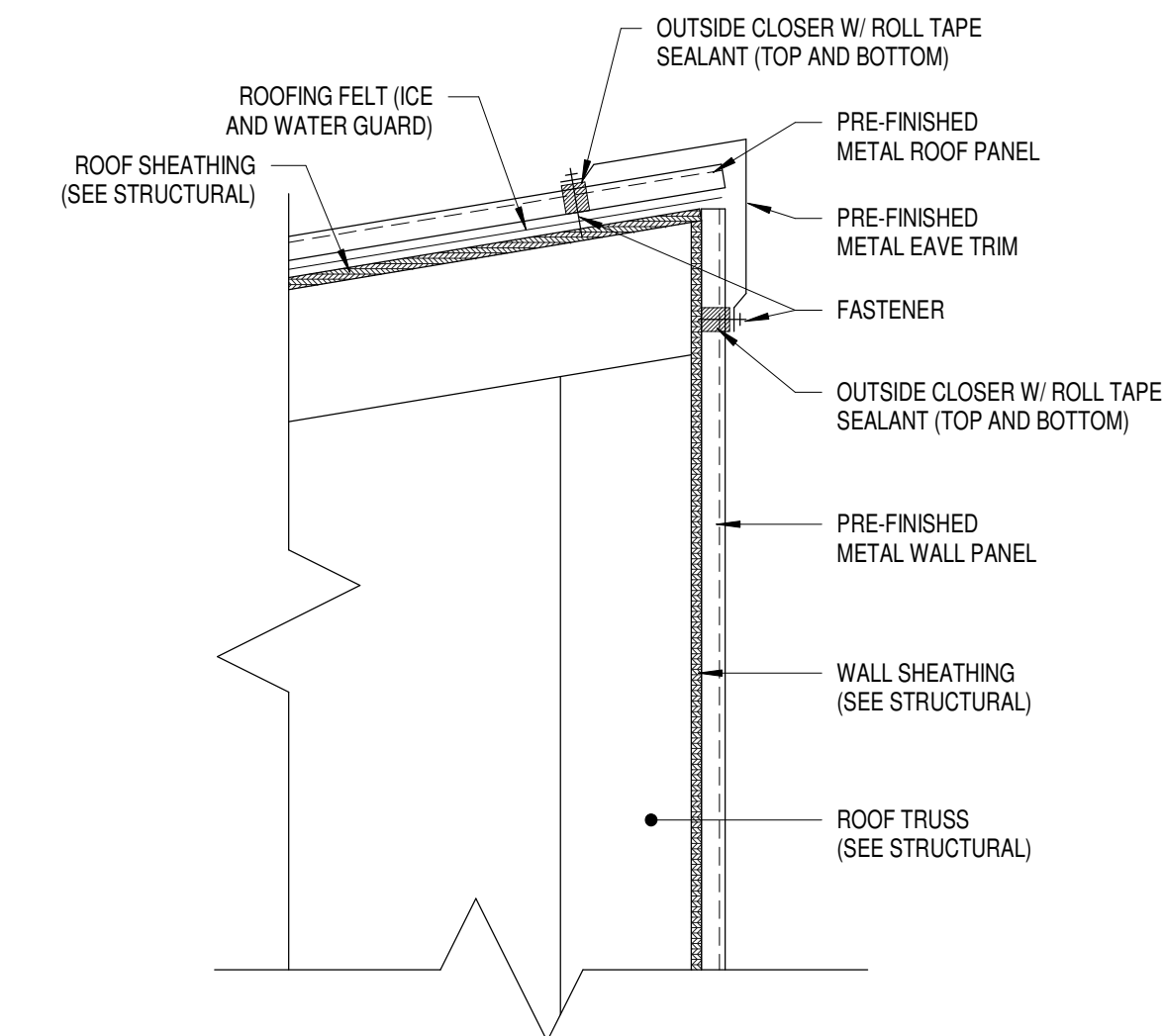
**7 BOLLARD DETAIL**  
1/2" = 1'-0"



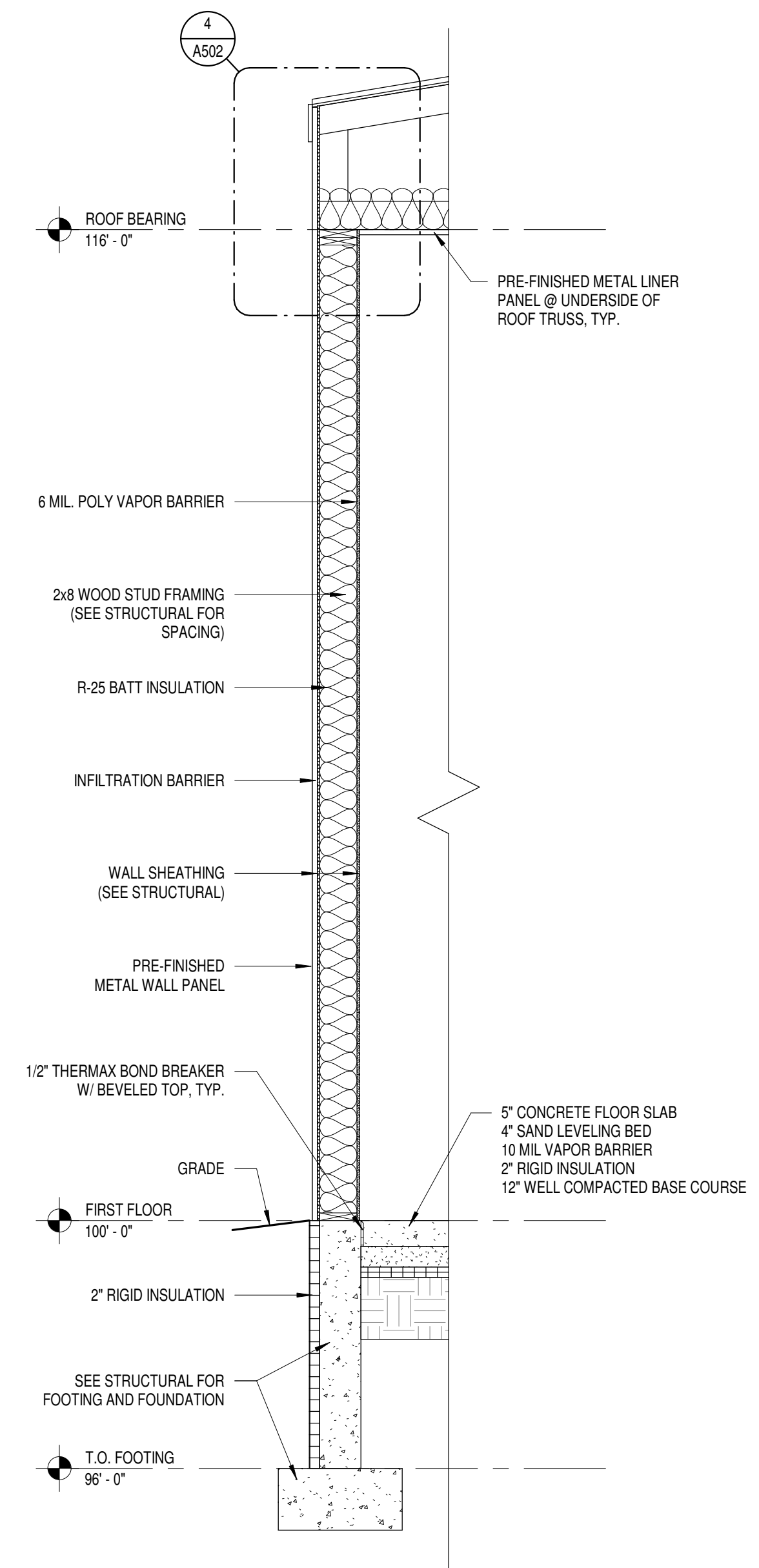
**8 GUARD RAIL DETAIL**  
1/2" = 1'-0"



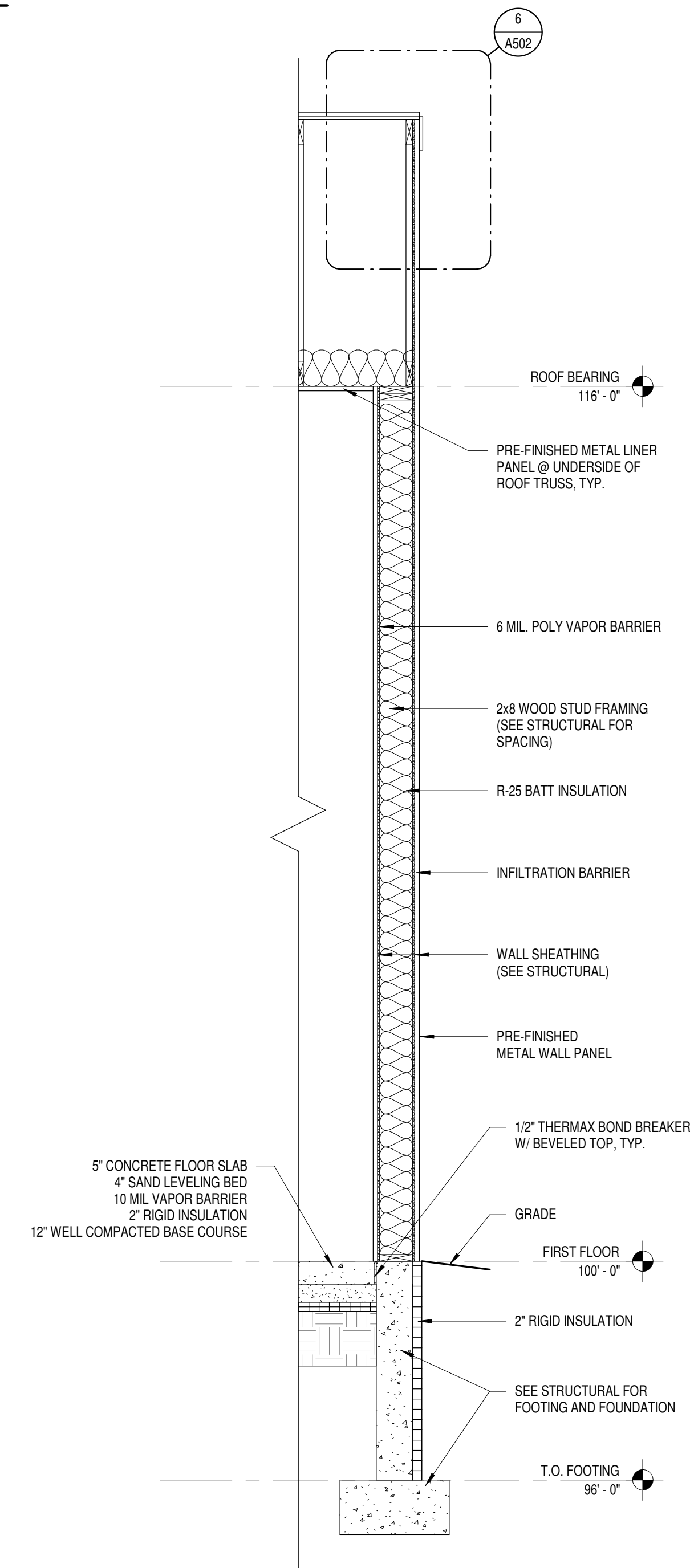
**9 ATTIC HATCH DETAIL**  
1" = 1'-0"



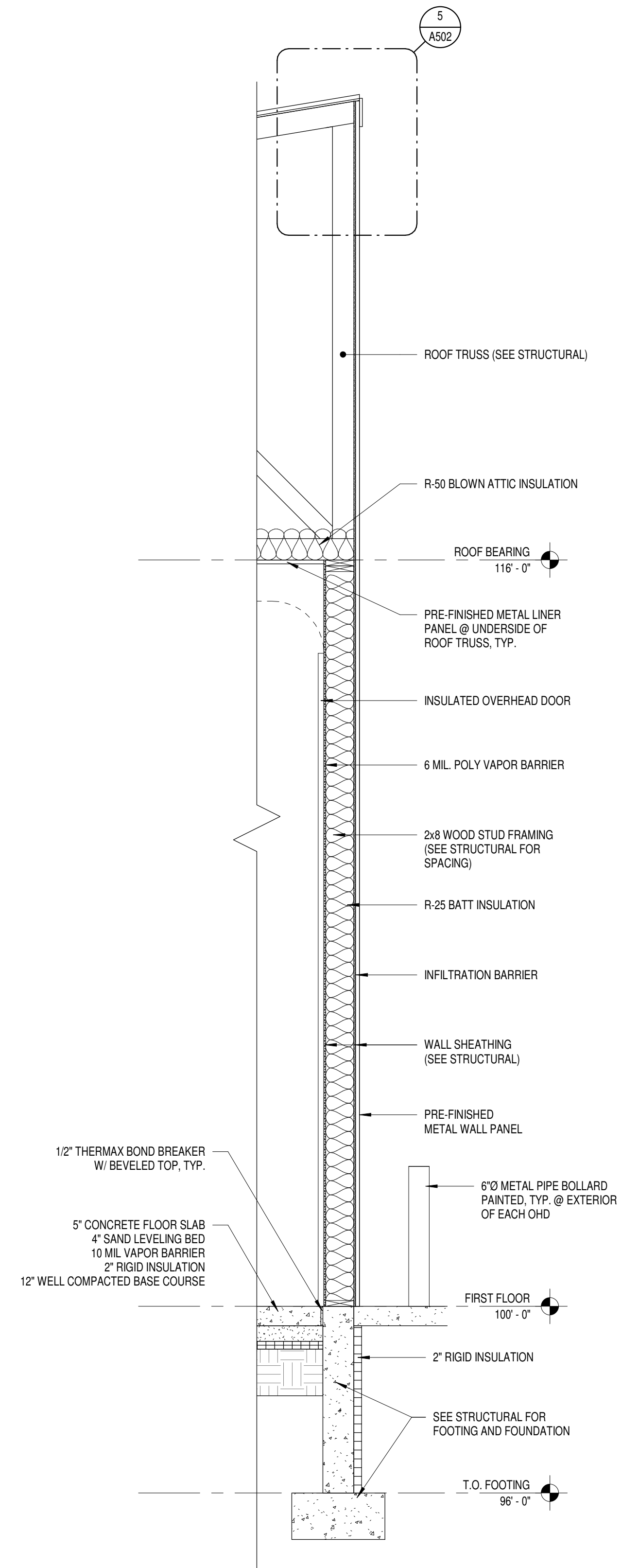
**5 RIDGE @ BEARING**  
1 1/2" = 1'-0"



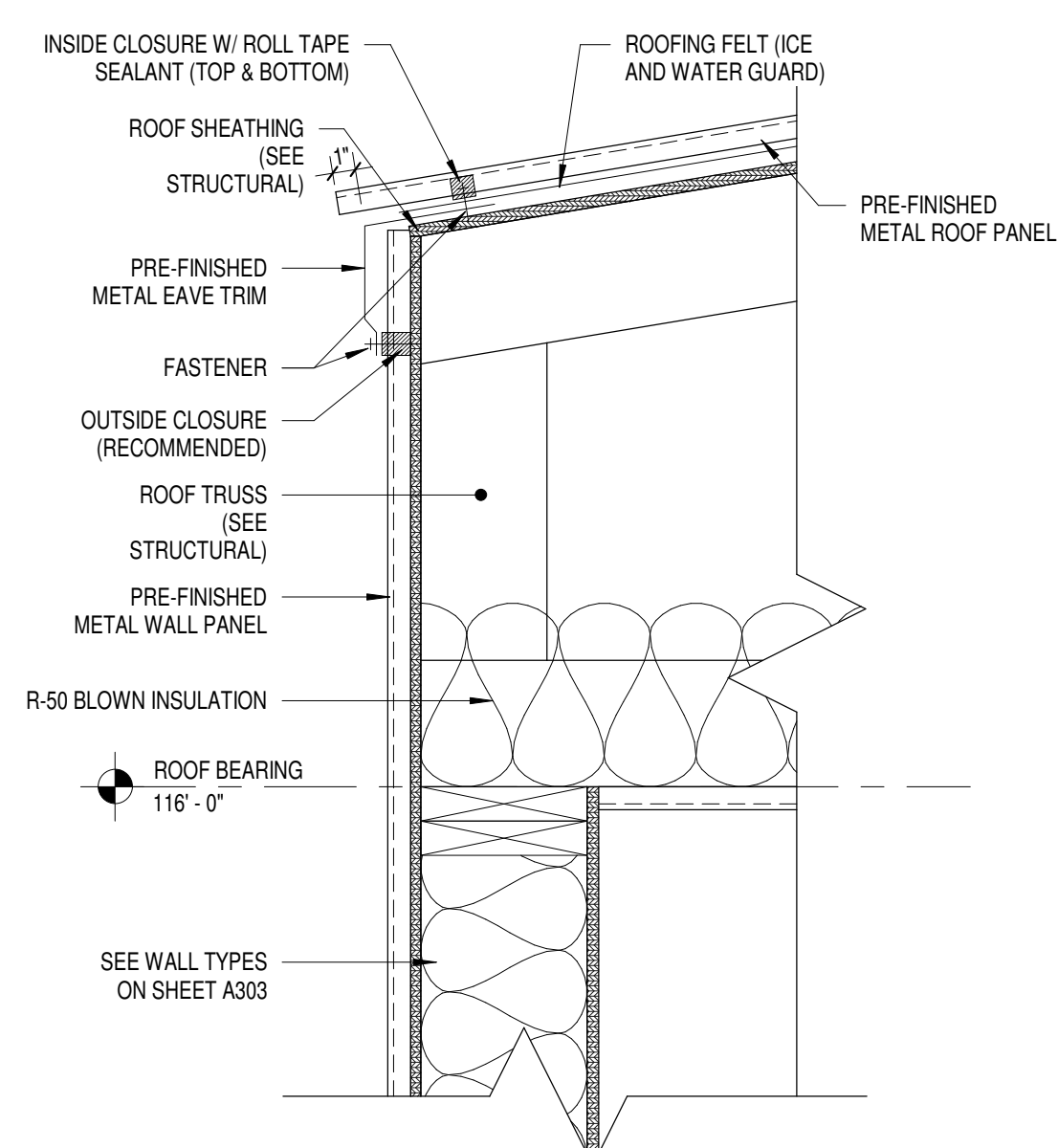
**3 BEARING WALL @ EAVE**  
1/2" = 1'-0"



**2 NON-BEARING WALL**  
1/2" = 1'-0"



**1 BEARING WALL @ RIDGE**  
1/2" = 1'-0"

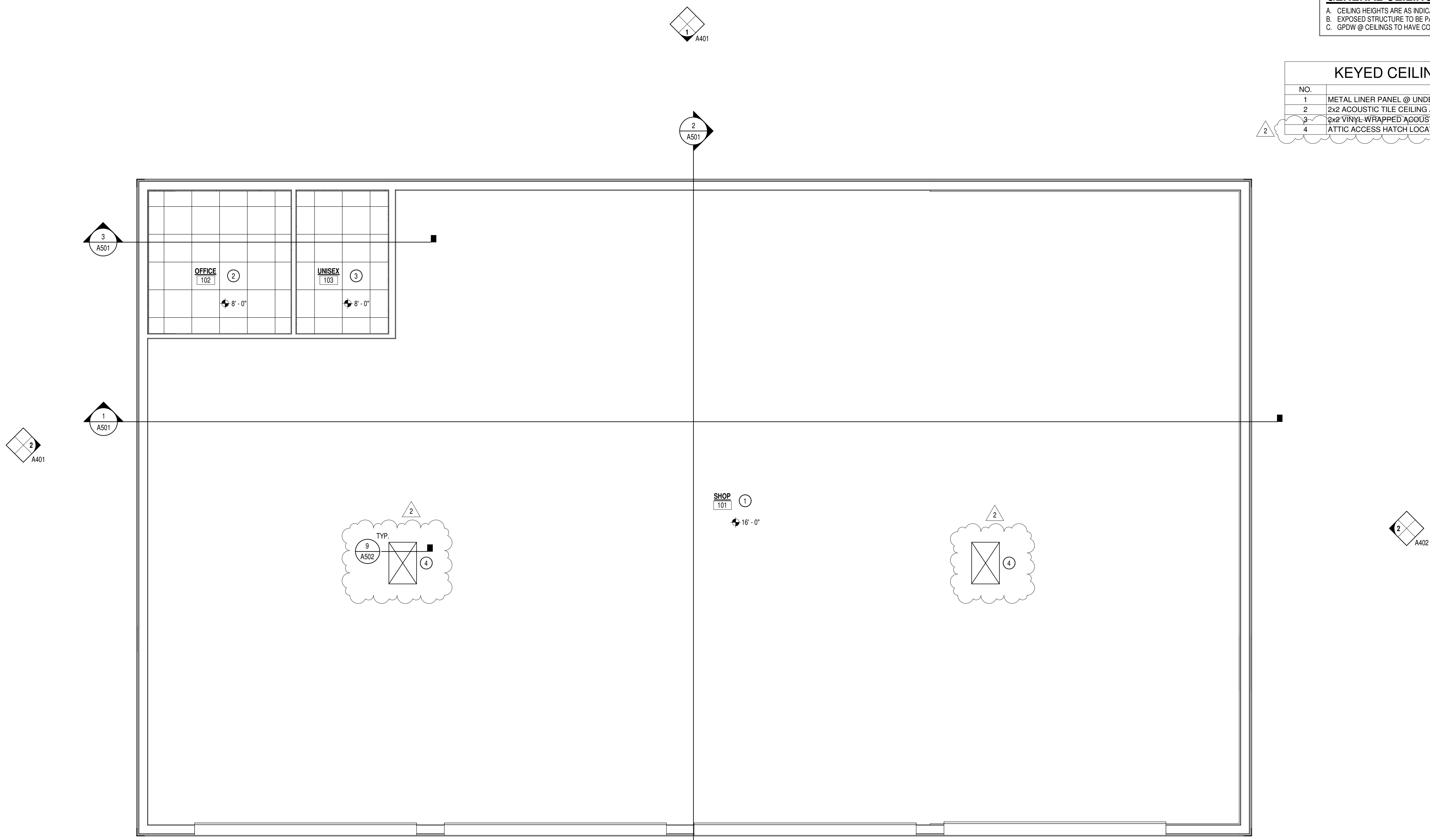


**4 EAVE @ BEARING**  
1 1/2" = 1'-0"

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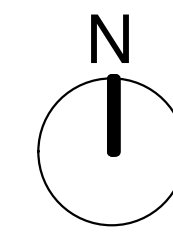


**GENERAL CEILING PLAN NOTES**  
 A. CEILING HEIGHTS ARE AS INDICATED. EXPOSED STRUCTURE HEIGHTS NOT NOTED.  
 B. EXPOSED STRUCTURE TO BE PAINTED.  
 C. GPDW @ CEILINGS TO HAVE CONTROL JOINTS @ 20'-0" O.C. MAX., TYP.

**KEYED CEILING PLAN NOTES**

NO.	DESCRIPTION
1	METAL LINER PANEL @ UNDERSIDE OF ROOF TRUSSES
2	2x2 ACOUSTIC TILE CEILING AND SUSPENDEED GRID
3	2x2 VINYL WRAPPED ACOUSTIC TILE CEILING AND SUSPENDEED GRID
4	ATTIC ACCESS HATCH LOCATION

**1 REFLECTED CEILING PLAN**  
 1/4" = 1'-0"



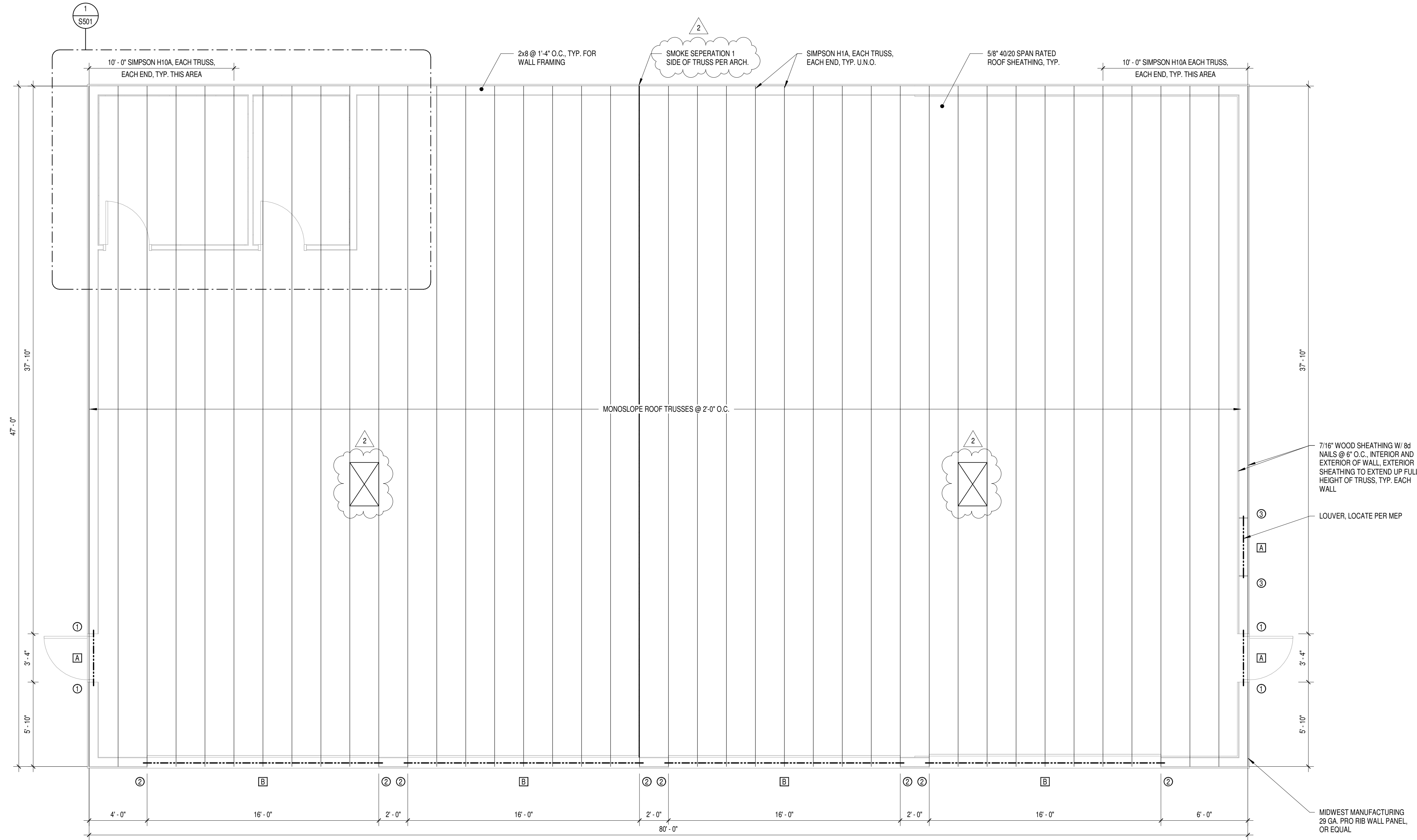
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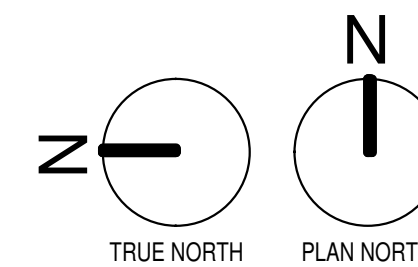


LINTEL SCHEDULE	
A	(2) 2x8
B	(3) 1 3/4" x 16" MICROLLAM

JAMB SCHEDULE	
1	(2) 2x8, (1) JACK, (1) KING
2	(5) 2x8 MSR 2400, (3) JACK, (2) KING
3	(3) 2x8, (1) JACK, (2) KING
4	(2) 2x4

# 1 ROOF FRAMING PLAN

1/4" = 1'-0"



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