

DATE May 20, 2026
FOR Telluride Public Works Transit Building Addition
Telluride, Colorado
EIDOS PROJECT NO. 23019

CONTRACTOR QUESTIONS

1. During the pre-bid meeting, the Build America, Buy America Act (BABA) / Buy America requirements were mentioned as a requirement for this project. We have reviewed the bid package, project manual/specifications, and drawings, but did not find specific language referencing BABA, Buy America, or the Infrastructure Investment and Jobs Act (Pub. L. 117-58). Please confirm this project is subject to BABA / Buy America along with an outline of the requirements.

Answer: Yes, the project is subject to BABA/Buy America. Buy America. The domestic preference procurement requirements of 49 U.S.C. § 5323(j), and FTA regulations, "Buy America Requirements," 49 CFR part 661, to the extent consistent with 49 U.S.C. § 5323(j).

2. Section 014000 states that the Owner will engage a qualified testing agency to conduct special tests and inspections required by authorities having jurisdiction. The structural drawings also indicate that IBC Chapter 17 special inspections/testing for steel, concrete, wood, and soils are to be performed by a qualified special inspector retained by the Owner.

However, Article 10, Section 10.5 of the General Conditions indicates if laws or regulations of a public body require work to be inspected, tested, or approved, the Contractor is responsible for arranging/obtaining those inspections, tests, or approvals and paying all related costs. It also says the Contractor pays costs for inspections, tests, or approvals required for the Town's acceptance of materials or equipment incorporated into the Work.

Please clarify who is responsible for retaining and paying the third-party testing agency for required materials testing and inspections.

Answer: The Owner will retain a third party for special inspections under a separate contract.

3. Please confirm whether the Contractor is responsible for obtaining and paying for the building permit and all associated permit fees. Article 5.8 of the General Conditions states that the Contractor shall obtain and pay for all permits and licenses relating to the Work, except for those required specifically by the Town. Since the project is owned by the Town of Telluride, please confirm whether the building permit fee is to be included in the bid or will be paid/waived by the Town.

Answer: The Contractor shall submit for and obtain the building permit. The contractor will not pay any permitting fees, as this will be waived by the Town. The documents have already been reviewed and approved by a 3rd party for code compliance.

4. Please clarify whether Builder's Risk / all-risk property insurance is provided and paid for by the Owner or the Contractor.

Answer: The Contractor shall provide and pay for Builder's Risk/All-Risk Insurance. Refer to the sample contract and general conditions for requirements in the specifications.

5. Will the Town of Telluride accept bidder's qualification and clarifications with their bid.

Answer: Yes. Provide the required form for qualifications, located within the specifications, with the bid. Supplemental qualifications are acceptable.

6. Can the Owner provide the sign-in sheet and list of virtual attendees from the pre-bid meeting?

Answer: The sign-in sheet was included in the addendum No. 3.

7. Sheet AC1.0 calls out a "10' x 16' pre-engineered bike shelter with corrugated metal siding" on a 16' x 18' concrete pad, with bike rack detail shown separately. We were unable to locate a specification, basis-of-design, manufacturer/model, structural design criteria, anchorage/foundation requirements, or finish/color requirements. Please provide the requirements for the pre-engineered bike shelter and foundation requirements, including whether it is Contractor-furnished/installed or Owner-furnished/Contractor-installed.

Answer: See Sheet AC1.1 for Bike Shelter renderings approved by HARC. Provide shelter by Duo-Gard Industries, Inc. www.duo-gard.com or similar. Bike shelter shall be engineered to meet structural requirements as indicated by local jurisdiction.

8. The project scope and code review indicate that fire suppression and fire alarm systems are to be provided throughout the combined existing and new building. Can an overall existing building reflected ceiling plan, or a ceiling plan identifying the existing ceiling conditions, be provided to show where and what types of ceilings may need to be removed, modified, patched, or replaced to accommodate the new fire suppression piping in the existing building?

Answer: Attached are the available ceiling plans from the existing administration area. The vehicle bays do not have finished ceilings. Drawings are not verified with actual conditions, but shall be used for bidding purposes.

9. The existing transit bays appear to have limited heating. Please confirm whether a wet-pipe fire sprinkler system is acceptable in these areas, or whether a dry system, additional heat, or other freeze-protection measures are required.

Answer: Provide a dry-type fire sprinkler system for all vehicle spaces (transit bays, fleet bays, old bus barn) and any outdoor sprinklers at the new deck or overhangs.

10. Sheet AC1.1 identifies the exterior stair as a pre-engineered aluminum stair with grate treads. The guardrail at the stair is noted as a metal guardrail, painted, with woven wire mesh infill panels. However, the exterior walkway/guardrail shown on A1.0 and in sections A, B, and D on A4.0 appears to be identified as a galvanized metal guardrail with galvanized steel mesh guardrail infill panels.

Please clarify the intended material and finish for the exterior stair guardrails, handrails, and mesh infill panels. Should the guardrail system at the exterior stair match the galvanized guardrail system shown at the exterior walkway/deck, or is it intended to be part of the pre-engineered aluminum stair system?

Answer: Provide galvanized exterior stairs and guardrail/handrail/mesh infill panels at the exterior stairs to match the galvanized guardrail system at the exterior walkway/deck.

11. Section 08 5213 does not specify a wood species. Pine is standard. Other species can add 20%+ to the pricing. Please advise on the wood species to bid.
- Answer: **Provide Pine.**
12. Section 08 5213 Please clarify the installation method. The details are not clear. Is this a block frame installation with backer rod and caulking or a nail flange installation?
- Answer: **Windows shall have nail flange installation.**
13. Section 08 4113; 2.2; B,3 specifies back plane storefront glazing. All plan details depict a center set glazing plane. Which is correct?
- Answer: **Windows shall be center set glazing.**
14. The schedule on A6.0 lists a door type "N" for door 106b that is not shown in the legend. Does this require glazing?
- Answer: **See revision to door 106B on Sheet A6.0 on the Door and Frame Schedule.**
15. Interior SF Door 102 and Frame A-4 have a call out for insulated low-e glass. Should this be clear insulated glass or 1/4" glazing?
- Answer: **Provide 1" clear glazing for SF Door 102 and Frame A-4. See revised sheet A6.0.**
16. 08 8300 2.2 B specifies tempered mirror and 2.2D specifies safety backing. These items are not typically specified together. Are both required or can either be used to meet safety requirements?
- Answer: **Provide tempered mirror per 2.2B to meet all safety requirements.**
17. On C3.0 – Horizontal Control Plan, the plan labels "OIL/WATER SEPARATOR (RE: PLUMB)" On the utility plan, the drawing gives some utility information: "46" x 32" OIL/WATER SEPARATOR (RE: PLUMB)," with 4" PVC connections, pipe slopes, invert elevations, and tie-in information to the existing sanitary sewer. We were unable to locate a plumbing schedule, detail, basis-of-design, capacity, model number, material requirement, traffic rating, lid/riser requirements, venting/cleanout requirements, or whether the existing separator is to be removed/disposed of or abandoned. Please provide the requirements for this unit.
- Answer: **Mechanical Response: Based on coordination meetings between civil and plumbing it is anticipated the new interceptor will be a Striem, 75 GPM, 4"Ø, polyethylene tank type interceptor equivalent to Striem OS-75 model. The interceptor shall be provided with dual (2) cleanouts upstream/downstream of interceptor with 3"Ø vent connections between closest cleanout and interceptor, slick stick oil level monitoring system, the storage chamber will be vented per manufacturer's installation instructions, lid will be AASHTO H-20 traffic rated lid, provide lid extensions as necessary for lid to be flush with grade, if necessary confirm if high water table hold down kit will be required with civil engineer prior to ordering. See attached cut sheet for example.**
18. Sheet C1.0 appears to show drainage directed toward the highlighted area. Please clarify where this area is intended to drain and whether the proposed grading will create any pooling or icing concerns that could impact Owner operations.

22. In reviewing the current floor plans for the building addition, we have identified an opportunity for significant cost and time savings. We propose installing a localized network enclosure (IDF) within the addition, fed by a 10G fiber optic backbone from the MDF in the existing building.

Benefits include:

Material Savings: Elimination of approximately 7,500 feet of CAT6 cabling and associated support hardware.

Labor Efficiency: Significant reduction in installation man-hours by replacing high-volume, long-distance horizontal cable pulls with a single, high-bandwidth 12-strand fiber optic backbone.

Infrastructure Optimization: This approach eliminates the inherent risks associated with 'long-drop' cabling. Shorter horizontal runs significantly mitigate PoE voltage drop while improving the Signal-to-Noise Ratio (SNR) and lowering the Bit Error Rate (BER). By effectively increasing the 'headroom' of the physical layer, we ensure the infrastructure not only meets current TIA standards but is robust enough to support future high-bandwidth upgrades without signal degradation.

Recommend installing a lockable wall mount enclosure in the 1st Floor

Conference Room and running all CAT6 drops to the new network location.

Would the agency be open to this topology change to realize these cost and performance efficiencies?

Answer: Yes, the Owner would like to use this approach for creating an IDF room in IT Room 103A. The Contractor shall run individual cabling (labeled) and conduit from IT Room 103A and provide all finish face plates for new spaces. Contractor to provide fiber cable and conduit from IT Room 103A to existing IT room for future Owner connection. Owner will complete final connection and server/networking in future work. Existing IT room is located in the room between the Kitchen and Conference Room in the existing building (Refer to Code Plan for location).

23. Can you confirm who will be handling the programming and configuration of the new network equipment for this project? Anticipated network equipment, to include (2) new Switches and (2) new Wireless Access Points?

Answer: The network equipment will be Owner provided.

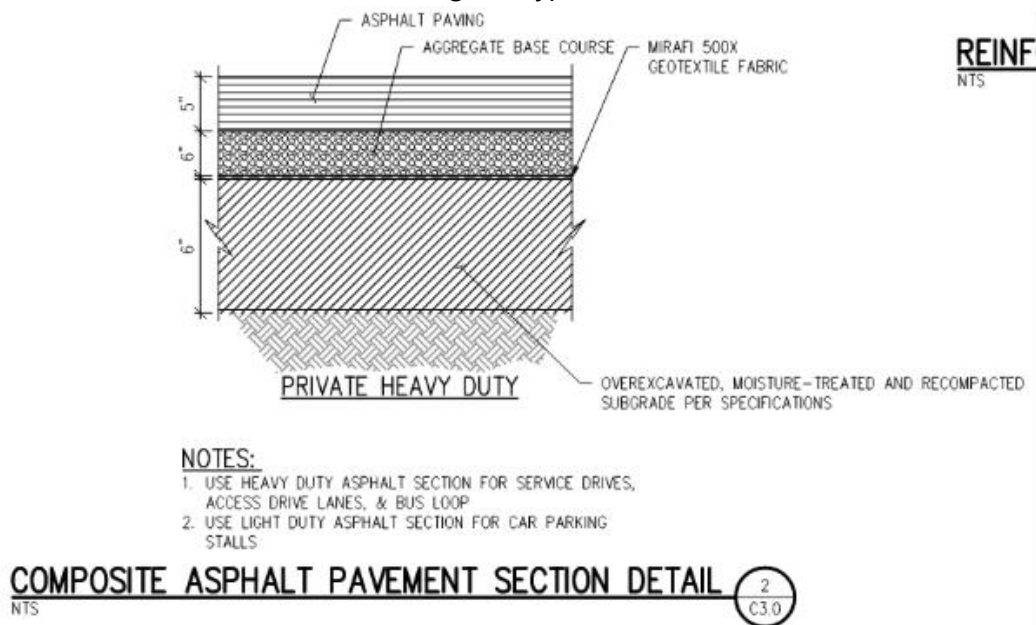
24. Section 078100 – Applied Fire Protection is included in the specifications; however, we were unable to locate drawing callouts identifying where applied fireproofing is required. Please clarify whether applied fireproofing is required on this project. If required, please identify the specific members/assemblies, locations, required fire-resistance ratings, and product type to be included in the bid.

Answer: See sheet A0.2 for a 1 hour fire barrier at the elevator and sheet 1/A4.4 for the horizontal shaft wall 1 hour fire rating.

25. Section 213000 – Fire Pumps is included in the specifications and describes an electric motor drive and jockey pump. However, we were unable to locate a clear drawing or schedule callout requiring a fire pump. Is a fire pump required for this project?

Answer: A Fire Pump is not anticipated due to adequate pressure.

26. The geotechnical report indicates that the existing site includes approximately 2.5 to 5.5 feet of structural fill over predominantly fine-grained soils, organics, and loose granular alluvial materials, with deeper unsuitable/compressible soils noted below. Please confirm the profile below will be sufficient for the existing soil type.



Answer: Geotechnical Response: The illustration appears to reflect what was recommended in the geotechnical report. No exceptions taken.

27. The specifications include Sections 271000 Structured Cabling, 281000 Access Control, 281523 Intercom Entry Systems, 282000 Video Surveillance, and 283111 Building Intrusion Detection, which appear to require complete operational systems.
- No doors in the door schedule or hardware schedule indicate Access Control.
 - No camera locations are indicated on the electrical drawings.
 - There is a note on E2-1 to coordinate A/V with Owner, it calls for rough-in-only of A/V.
 - Intrusion detection devices are not indicated.

Please clarify the required scope for these systems, including whether they are to be fully furnished and installed by the Contractor, or if any portions are Owner-furnished/Owner-installed. If any scope is by the Owner, please identify the Contractor's required rough-in, conduit/pathway, boxes, cabling, terminations, power, door hardware interface, and coordination responsibilities.

Answer: Delete specification Sections 271000 Structured Cabling, 281000 Access Control, 281523 Intercom Entry Systems, 282000 Video Surveillance, and 283111 Building Intrusion Detection from the project scope. Cameras and Alarms will be by the Owner in the future.

28. The Civil Utility Plan on C2.0 appears to show one 1-1/2" domestic water line routed to the building. The plumbing drawings show a 4" fire water entry and a 1-1/2" domestic water entry. Please clarify whether one water service is to be brought to the building and split, or if two

separate water services are required.

Answer: Provide two (2) water entries as shown on the plumbing design drawings for bidding purposes. The Owner will determine if one can be used, and a credit will be pursued with the selected contractor, if so.

29. Clarification #1 – Fencing

- Fencing indicated on drawing AC1.0 calls for “5’H Composite Fence”
- Specifications for Composite Fence not found.
- All specifications provided are for steel fence. (323100)

Answer: Provide Trex Composite Fence style Seclusions and color Saddle or equal. Delete specification 323100 Ornamental Security Fences & Gates.

30. Soils information

- Have any of the following soils lab tests been performed? If so could the results be provided to assist in foundation design.
- Direct Shear or Triaxial Shear Tests
- Swell Tests with confining pressure of 100psf
- Consolidation Tests out to approximately 4ksf

Answer: Geotechnical Response: None of the referenced tests were performed. The geotechnical report and addendum provide all the data collected as part of the proposed improvements. The attached CPT records can be used to estimate the requested properties, otherwise the Contractor and their team should plan on collecting their own data to support their needs.

31. Please provide a basis of design for the pre-engineered aluminum Stairs.

Answer: See attached revised sheet AC1.1 for galvanized steel pre-engineered stairs, guardrails, handrails, and mesh infill. Refer to attached specification 055119 for Metal Grating Stairs.

32. The structural drawings indicate that special inspections/testing are to be performed by the Owner or Owner’s agent. Please confirm which party is responsible for the cost of the following inspections and testing:

- Soils / compaction testing
- Concrete testing and inspection
- Reinforcing steel inspection
- Structural steel inspection
- Ground improvement / rigid inclusion testing, if required

Answer: The Owner will retain a third party for special inspections under a separate contract.

33. Please confirm whether the Town will waive, pay directly, or require then Contractor to include the following in the Base Bid:

- Building permit fees

- Plan review fees
- Impact fees
- Town right-of-way permit fees / ROW fees
- Use tax, if applicable
- Any other Town-assessed fees associated with the Work

If any of the above costs are to be included by the Contractor, please provide the applicable fee schedule, permit classification, and valuation basis to be used for bidding.

Answer: The Contractor shall submit for and obtain the building permit. The contractor will not pay any permitting fees, as this will be waived by the Town. The documents have already been reviewed and approved by a 3rd party for code compliance.

34. Please clarify whether ground improvement / rigid inclusions are required below exterior site improvements, including but not limited to concrete flatwork, exterior slabs, asphalt paving, aprons, drive aisles, and other hardscape areas. If ground improvement is required below any exterior site improvements, please provide the required limits, design criteria, section details, testing requirements, and whether this scope is to be included in the Base Bid.

Answer: The plans and specifications reflect where ground improvement is required and the design intent it needs to meet. Therefore, no ground improvement is needed under exterior site improvements at this time.

35. Alternate No. 1 includes repair and repainting of existing exterior siding and trim, and prep/repainting of existing hollow metal doors, garage doors, parapet trim, louvers, downspouts, and previously painted conduits. The drawings do not appear to clearly identify the limits, locations, or quantities of this work. For bidding purposes, please provide quantities and locations for each of the following items to ensure apples-to-apples pricing:

- Existing exterior siding to be repaired and repainted
- Existing exterior trim to be repaired and repainted
- Existing hollow metal doors to be prepped and repainted
- Existing garage doors to be prepped and repainted
- Existing parapet trim to be prepped and repainted
- Existing louvers to be prepped and repainted
- Existing downspouts to be prepped and repainted
- Previously painted conduits to be prepped and repainted
- If quantities are not available, please provide a defined allowance or unit-price basis for this scope.

Answer: The intent is to include repair and repainting of the existing exterior siding, trim, doors, garage doors, parapet trim, louvers, downspouts, conduits, and windows as needed to match the new addition. Attached are the existing building elevations that are currently available, but do not show all walls.

For bidding purposes, please include the following quantities and clarifications:

- **Existing exterior siding to be repaired and repainted: Existing exterior siding shall be repaired and repainted to match the new addition.**
- **Existing exterior trim to be repaired and repainted: Existing exterior trim shall be**

- repaired and repainted to match the new addition.
- Existing hollow metal doors to be prepped and repainted: Quantity: 22 hollow metal doors.
 - Existing interior wood doors to be prepped and repainted: Quantity: 18 interior wood doors.
 - Door preparation clarification: Existing hollow metal and wood doors shall be prepped and repainted. Destructive means will not be accepted. If a hollow metal door includes glass, the interior trim piece does not need to be painted.
 - Existing garage doors to be prepped and repainted: Quantity: 16.
 - Existing parapet trim to be prepped and repainted: Correct, include this scope.
 - Existing louvers to be prepped and repainted: Quantity: 12.
 - Existing downspouts to be prepped and repainted: Quantity: 10.
 - Previously painted conduits to be prepped and repainted: Include previously painted conduits in this alternate.
 - Existing exterior windows: Quantity: 14.

END OF ADDENDUM NO. 5

SECTION 055119 - METAL GRATING STAIRS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Industrial Class stairs with steel-grating treads.
2. Steel railings and guards attached to metal stairs.
3. Steel handrails attached to walls adjacent to metal stairs.

1.2 COORDINATION

- A. Coordinate selection of shop primers with topcoats to be applied over them. Comply with paint and coating manufacturers' written instructions to ensure that shop primers and topcoats are compatible with one another.

1.3 ACTION SUBMITTALS

A. Product Data: For metal grating stairs and the following:

1. Gratings.
2. Woven-wire mesh.
3. Welded-wire mesh.
4. Shop primer products.
5. Grout.

B. Shop Drawings:

1. Include plans, elevations, sections, details, and attachment to other work.
2. Indicate sizes of metal sections, thickness of metals, profiles, holes, and field joints.
3. Include plan at each level.

- C. Delegated Design Submittal: For stairs, railings, and guards, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For professional engineer's experience with providing delegated design engineering services of the kind indicated, including documentation that engineer is licensed in the State in which Project is located.
- B. Welding certificates.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: Fabricator of products.
- B. Welding Qualifications: Qualify procedures and personnel according to AWS D1.1/D1.1M, "Structural Welding Code - Steel."

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design stairs, railings, and guards, including attachment to building construction.
- B. Structural Performance of Stairs: Metal stairs withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated:
 - 1. Uniform Load: 100 lbf/sq. ft..
 - 2. Concentrated Load: 300 lbf applied on an area of 4 sq. in.
 - 3. Uniform and concentrated loads need not be assumed to act concurrently.
 - 4. Stair Framing: Capable of withstanding stresses resulting from railing and guard loads in addition to loads specified above.
 - 5. Limit deflection of treads, platforms, and framing members to L/360.
- C. Structural Performance of Railings and Guards: Railings and guards, including attachment to building construction, withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated:
 - 1. Handrails and Top Rails of Guards:
 - a. Uniform load of 50 lbf/ft. applied in any direction.
 - b. Concentrated load of 200 lbf applied in any direction.
 - c. Uniform and concentrated loads need not be assumed to act concurrently.
 - 2. Infill of Guards:
 - a. Concentrated load of 50 lbf applied horizontally on an area of 1 sq. ft.
 - b. Infill load and other loads need not be assumed to act concurrently.
 - 3. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes.
 - a. Temperature Change: 120 deg F, ambient; 180 deg F, material surfaces.

2.2 METALS

- A. Steel Plates, Shapes, and Bars: ASTM A36/A36M.

- B. Rolled-Steel Floor Plate: ASTM A786/A786M, rolled from plate complying with ASTM A36/A36M or ASTM A283/A283M, Grade C or D.
- C. Steel Bars for Grating Treads: ASTM A36/A36M or steel strip, ASTM A1011/A1011M or ASTM A1018/A1018M.
- D. Steel Wire Rod for Grating Crossbars: ASTM A510/A510M.
- E. Steel Tubing for Railings and Guards: ASTM A500/A500M (cold formed) or ASTM A513/A513M.
 - 1. Provide galvanized finish for exterior installations and where indicated.
- F. Provide galvanized finish for exterior installations and where indicated.
- G. Welded-Wire Mesh: Square pattern, 2-inch welded-wire mesh, made from 0.236-inch nominal-diameter steel wire complying with ASTM A510/A510M.
- H. Cast Iron: Either gray iron, ASTM A48/A48M, or malleable iron, ASTM A47/A47M, unless otherwise indicated.
- I. Cast-Abrasive Nosings: Cast iron, with an integral abrasive, as-cast finish consisting of aluminum oxide, silicon carbide, or a combination of both.

2.3 FASTENERS

- A. General: Provide zinc-plated fasteners with coating complying with ASTM B633 or ASTM F1941/F1941M, Class Fe/Zn 12 for exterior use.
 - 1. Select fasteners for type, grade, and class required.

2.4 MISCELLANEOUS MATERIALS

- A. Galvanizing Repair Paint: High-zinc-dust-content paint complying with SSPC-Paint 20 ASTM A780/A780M.
- B. Nonmetallic, Shrinkage-Resistant Grout: ASTM C1107/C1107M, factory-packaged, nonmetallic aggregate grout; recommended by manufacturer for exterior use; noncorrosive and nonstaining; mixed with water to consistency suitable for application and a 30-minute working time.

2.5 FABRICATION, GENERAL

- A. Provide complete stair assemblies, including metal framing, hangers, railings, guards, clips, brackets, bearing plates, and other components necessary to support and anchor stairs and platforms on supporting structure.
 - 1. Join components by welding unless otherwise indicated.
 - 2. Use connections that maintain structural value of joined pieces.

- B. Assemble stairs, railings, and guards in shop to greatest extent possible.
 - 1. Disassemble units only as necessary for shipping and handling limitations.
 - 2. Clearly mark units for reassembly and coordinated installation.
- C. Cut, drill, and punch metals cleanly and accurately.
 - 1. Remove burrs and ease edges to a radius of approximately 1/32 inch unless otherwise indicated.
 - 2. Remove sharp or rough areas on exposed surfaces.
- D. Form bent-metal corners to smallest radius possible without causing grain separation or otherwise impairing work.
- E. Form exposed work with accurate angles and surfaces and straight edges.
- F. Weld connections to comply with the following:
 - 1. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
 - 2. Obtain fusion without undercut or overlap.
 - 3. Remove welding flux immediately.
 - 4. At exposed connections, finish exposed welds to comply with NOMMA's "Voluntary Joint Finish Standards" for Finish #4 - Good quality, uniform undressed weld with minimal splatter.
- G. Form exposed connections with hairline joints, flush and smooth, using concealed fasteners where possible.
 - 1. Where exposed fasteners are required, use Phillips flat-head (countersunk) screws or bolts unless otherwise indicated.
 - 2. Locate joints where least conspicuous.
 - 3. Fabricate joints that are exposed to weather in a manner to exclude water.
 - 4. Provide weep holes where water may accumulate internally.

2.6 FABRICATION OF STEEL-FRAMED STAIRS

- A. NAAMM Stair Standard: Comply with NAAMM AMP 510, "Metal Stairs Manual," for Industrial Class, unless more stringent requirements are indicated.
- B. Stair Framing:
 - 1. Fabricate stringers of steel plates or channels.
 - a. Stringer Size: As required to comply with "Performance Requirements" Article.
 - b. Provide closures for exposed ends of channel stringers.
 - c. Finish: Galvanized.
 - 2. Construct platforms and tread supports of steel plate or channel headers and miscellaneous framing members as required to comply with "Performance Requirements" Article.

- a. Provide closures for exposed ends of channel framing.
 - b. Finish: Galvanized.
- 3. Weld stringers to headers; weld framing members to stringers and headers.
- C. Metal Bar-Grating Stairs: Form treads and platforms to configurations shown from metal bar grating; fabricate to comply with NAAMM MBG 531, "Metal Bar Grating Manual."
 - 1. Fabricate treads and platforms from welded steel with openings in gratings no more than 1/2 inch in least dimension.
 - a. Surface: Serrated.
 - b. Finish: Galvanized.
 - 2. Fabricate grating treads with cast-abrasive nosing and with steel angle or steel plate carrier at each end for stringer connections.
 - a. Secure treads to stringers with bolts.
 - 3. Fabricate grating platforms with nosing matching that on grating treads.
 - a. Secure grating to platform framing by welding.
- D. Risers: Open with 1/2" galvanized steel rod to prevent opening of more than 4".

2.7 FABRICATION OF STAIR RAILINGS AND GUARDS

- A. Comply with applicable requirements in Section 055213 "Pipe and Tube Railings."
- B. Fabricate railings and guards to comply with requirements indicated for design, dimensions, details, finish, and member sizes, including wall thickness of member, post spacings, wall bracket spacing, and anchorage, but not less than that needed to withstand indicated loads.
 - 1. Rails and Posts: 1-1/2-inch square top and bottom rails and 1-1/2-inch square posts.
 - 2. Mesh Infill: Welded-wire mesh welded into 1-by-1/2-by-1/8-inch steel channel frames. Orient wire mesh with horizontal and vertical.
- C. Welded Connections: Fabricate railings and guards with welded connections.
 - 1. Fabricate connections that are exposed to weather in a manner that excludes water.
 - a. Provide weep holes where water may accumulate internally.
 - 2. Cope components at connections to provide close fit, or use fittings designed for this purpose.
 - 3. Weld all around at connections, including at fittings.
 - 4. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
 - 5. Obtain fusion without undercut or overlap.
 - 6. Remove flux immediately.

7. Finish welds to comply with NOMMA's "Voluntary Joint Finish Standards" for Finish #4 - Good quality, uniform undressed weld with minimal splatter as shown in NAAMM AMP 521.
- D. Form changes in direction of railings and guards as follows:
 1. By bending or by inserting prefabricated elbow fittings.
- E. For changes in direction made by bending, use jigs to produce uniform curvature for each repetitive configuration required.
 1. Maintain cross section of member throughout entire bend without buckling, twisting, cracking, or otherwise deforming exposed surfaces of components.
- F. Close exposed ends of railing and guard members with prefabricated end fittings.
- G. Provide wall returns at ends of wall-mounted handrails unless otherwise indicated.
 1. Close ends of returns unless clearance between end of rail and wall is 1/4 inch or less.
- H. Connect posts to stair framing by direct welding unless otherwise indicated.
- I. Brackets, Flanges, Fittings, and Anchors: Provide wall brackets, end closures, flanges, miscellaneous fittings, and anchors for interconnecting components and for attaching to other work.
 1. Furnish inserts and other anchorage devices for connecting to concrete or masonry work.
 2. For galvanized railings and guards, provide galvanized fittings, brackets, fasteners, sleeves, and other ferrous-metal components.
 3. Provide type of bracket with flange tapped for concealed anchorage to threaded hanger bolt that provides 1-1/2-inch clearance from inside face of handrail to finished wall surface.

2.8 FINISHES

- A. Finish metal stairs after assembly.
- B. Galvanizing: Hot-dip galvanize items as indicated to comply with ASTM A153/A153M for steel and iron hardware and with ASTM A123/A123M for other steel and iron products.
 1. Fill vent and drain holes that are exposed in the finished Work, unless indicated to remain as weep holes, by plugging with zinc solder and filing off smooth.
 2. Exterior Stairs: SSPC-SP 6/NACE No. 3, "Commercial Blast Cleaning."

PART 3 - EXECUTION

3.1 INSTALLATION OF METAL STAIRS

- A. Fastening to In-Place Construction: Provide anchorage devices and fasteners where necessary for securing metal stairs to in-place construction.

1. Include threaded fasteners for concrete and masonry inserts, through-bolts, lag bolts, and other connectors.
- B. Cutting, Fitting, and Placement: Perform cutting, drilling, and fitting required for installing metal stairs. Set units accurately in location, alignment, and elevation, measured from established lines and levels and free of rack.
- C. Install metal stairs by welding stair framing to steel structure or to weld plates cast into concrete unless otherwise indicated.
 1. Grouted Baseplates: Clean concrete and masonry bearing surfaces of bond-reducing materials, and roughen to improve bond to surfaces.
 - a. Clean bottom surface of baseplates.
 - b. Set steel-stair baseplates on wedges, shims, or leveling nuts.
 - c. After stairs have been positioned and aligned, tighten anchor bolts.
 - d. Do not remove wedges or shims, but if protruding, cut off flush with edge of bearing plate before packing with grout.
 - e. Promptly pack grout solidly between bearing surfaces and plates to ensure that no voids remain.
 - 1) Neatly finish exposed surfaces; protect grout and allow to cure.
 - 2) Comply with manufacturer's written installation instructions for shrinkage-resistant grouts.
- D. Provide temporary bracing or anchors in formwork for items that are to be built into concrete, masonry, or similar construction.
- E. Fit exposed connections accurately together to form hairline joints.
 1. Weld connections that are not to be left as exposed joints but cannot be shop welded because of shipping size limitations.
 2. Do not weld, cut, or abrade surfaces of exterior units that have been hot-dip galvanized after fabrication and are for bolted or screwed field connections.
 3. Comply with requirements for welding in "Fabrication, General" Article.

3.2 INSTALLATION OF RAILINGS AND GUARDS

- A. Adjust railing and guard systems before anchoring to ensure matching alignment at abutting joints with tight, hairline joints.
 1. Space posts at spacing indicated or, if not indicated, as required by design loads.
 2. Plumb posts in each direction, within a tolerance of 1/16 inch in 3 feet.
 3. Align rails and guards so variations from level for horizontal members and variations from parallel with rake of stairs for sloping members do not exceed 1/4 inch in 12 feet.
 4. Secure posts, rail ends, and guard ends to building construction as follows:
 - a. Anchor posts to steel by welding to steel supporting members.
 - b. Anchor handrail and guard ends to concrete and masonry with steel round flanges welded to rail and guard ends and anchored with post-installed anchors and bolts.

B. Attach handrails to wall with wall brackets.

1. Locate brackets as indicated or, if not indicated, at spacing required to support structural loads.
2. Secure wall brackets to building construction as required to comply with performance requirements.

3.3 REPAIR

A. Galvanized Surfaces: Clean field welds, bolted connections, and abraded areas and repair galvanizing to comply with ASTM A780/A780M.

END OF SECTION 055119

SPECIFICATIONS

- 1. 4" Plain End inlet/outlet, 3" Plain End vents, C24-HP cover standard.
- 2. Certified max flow rate: 75 GPM.
- 3. Liquid capacity: 110 Gallons (14.7 cu. ft.).
- 4. Oil capacity: 27.5 Gallons.
- 5. Solids capacity: 11 Gallons.
- 6. Unit weight w/ standard cover: 180 lbs.
- 7. Maximum operating temperature 140°F continuous.

NOTES

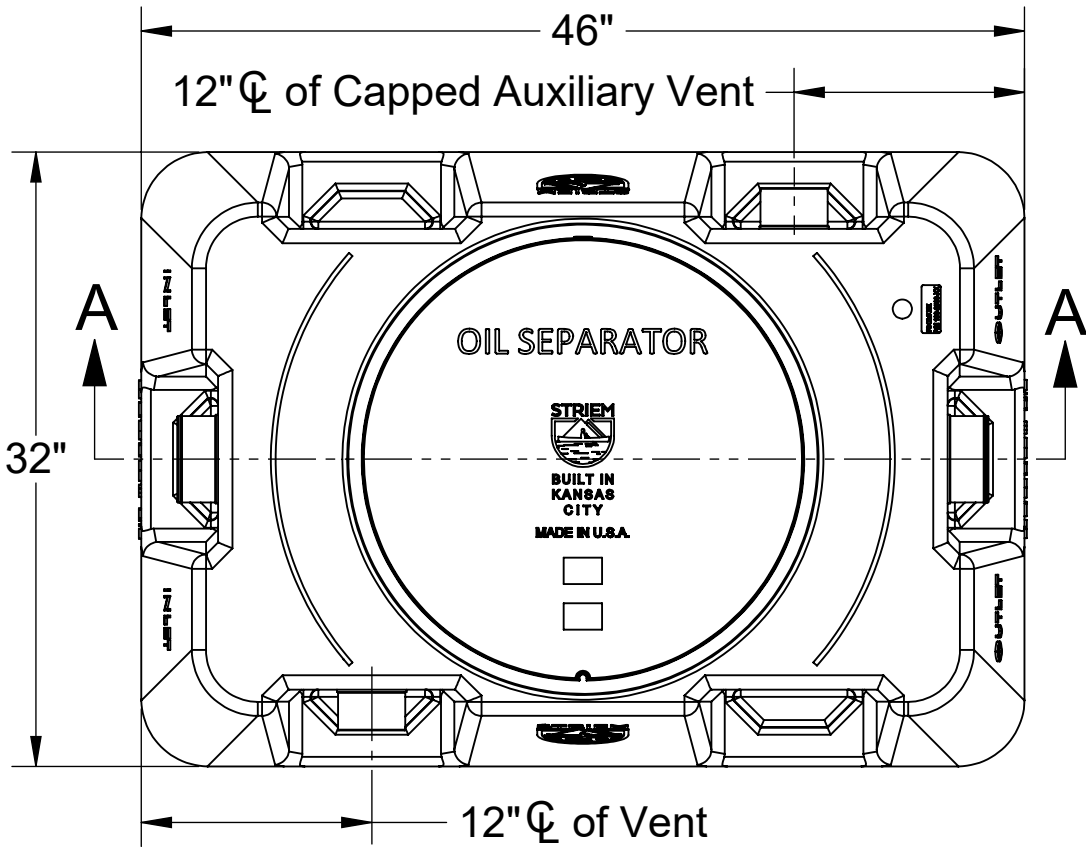
- 1. Engineered inlet diffuser efficiently separates oil from water.
- 2. Capped auxiliary vent provided to allow flexibility with vent piping and design. Provided cap can be moved to unused vent location, or discarded if two chamber vents are required per local code.
- 3. For gravity drainage applications only.
- 4. Do not use for pressure applications.
- 5. Cover placement allows full access to tank for proper maintenance.
- 6. Maximum burial depth: 72" from standard cover height.

ENGINEER SPECIFICATION GUIDE

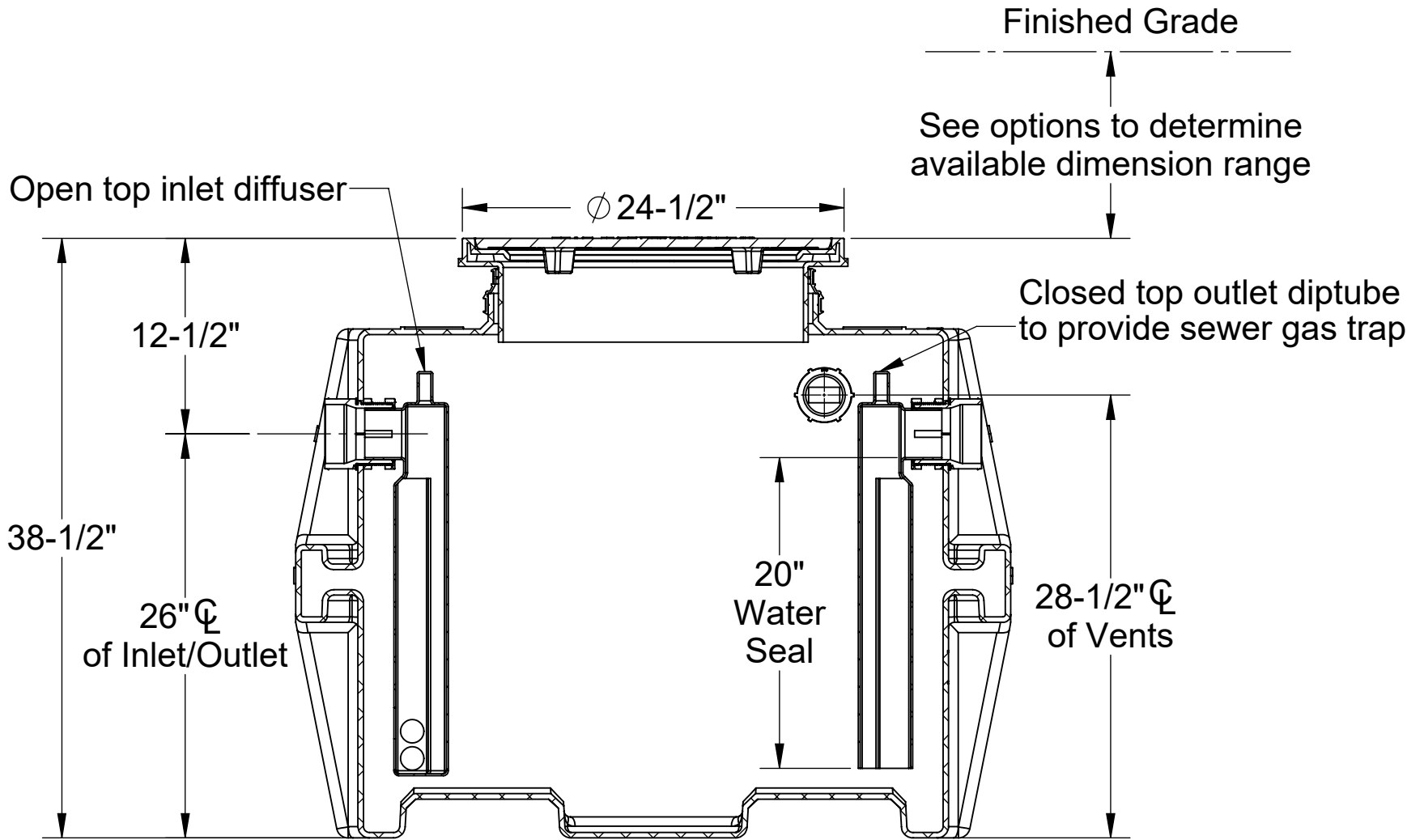
Striem high efficiency oil/water separator model OS-75 shall be lifetime guaranteed and made in the USA. Separator shall be certified to IAPMO IGC 325 and carry a UPC listing. Separator shall be constructed of polyethylene. Separator shall be manufactured for above- or below-grade installation. Field-adjustable riser system is available as an option to bring manhole cover to grade. Separator flow rate shall be 75 GPM. Separator liquid holding capacity shall be 110 gallons and oil capacity shall be 27.5 gallons. Solids capacity shall be 11 gallons. Cover shall be H20 rated pickable cast iron.

IAPMO IGC 325 CERTIFICATION

The OS-75 has been third party certified by IAPMO to the IGC 325 standard. The OS-75 achieved an average 99% efficiency with 2.1 mg/L effluent quality at 75 GPM up to the maximum oil capacity of 27.5 gallons. The structural design has been approved and stamped by a licensed structural engineer for direct burial in accordance with Striem's installation instructions.



TOP VIEW



SECTION A-A

OPTIONS

Connection Options (Plain End Only)

Inlet / Outlet

- ☐ 4"
- ☐ 6"

Riser Options

From Factory: Up to 5"

- ☐ Up to 24": **SR24**
- ☐ Up to 39": **LR24**
- ☐ Up to 43": **SR24 (2)**
- ☐ Up to 58": **SR24 + LR24**
- ☐ Up to 72": **LR24 (2)**

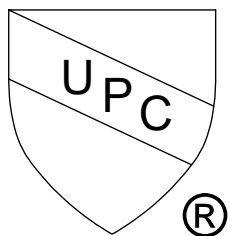
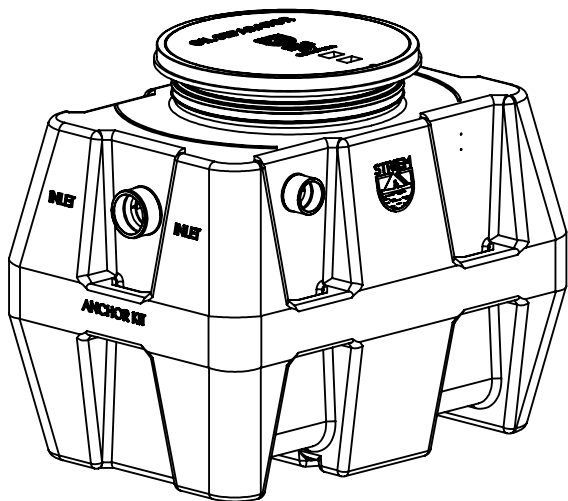
-OR-

- ☐ **CPRK**: 11" - 72" (See specification for more detail.)

Additional Options

- ☐ **HDK-2**: High Water Table Hold Down Kit
- ☐ **C24-M**: 2,000 lbs. Rated Bolted Composite Cover
- ☐ **SS**: Slick Stick™ Oil Level Monitoring System*

*Monitoring system will raise covers by 3".



PROPRIETARY AND CONFIDENTIAL
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MODEL NUMBER: OS-75

DESCRIPTION:

75 GPM POLYETHYLENE
HIGH EFFICIENCY OIL/WATER SEPARATOR

DWG BY: ENG

DATE: 9/17/2025

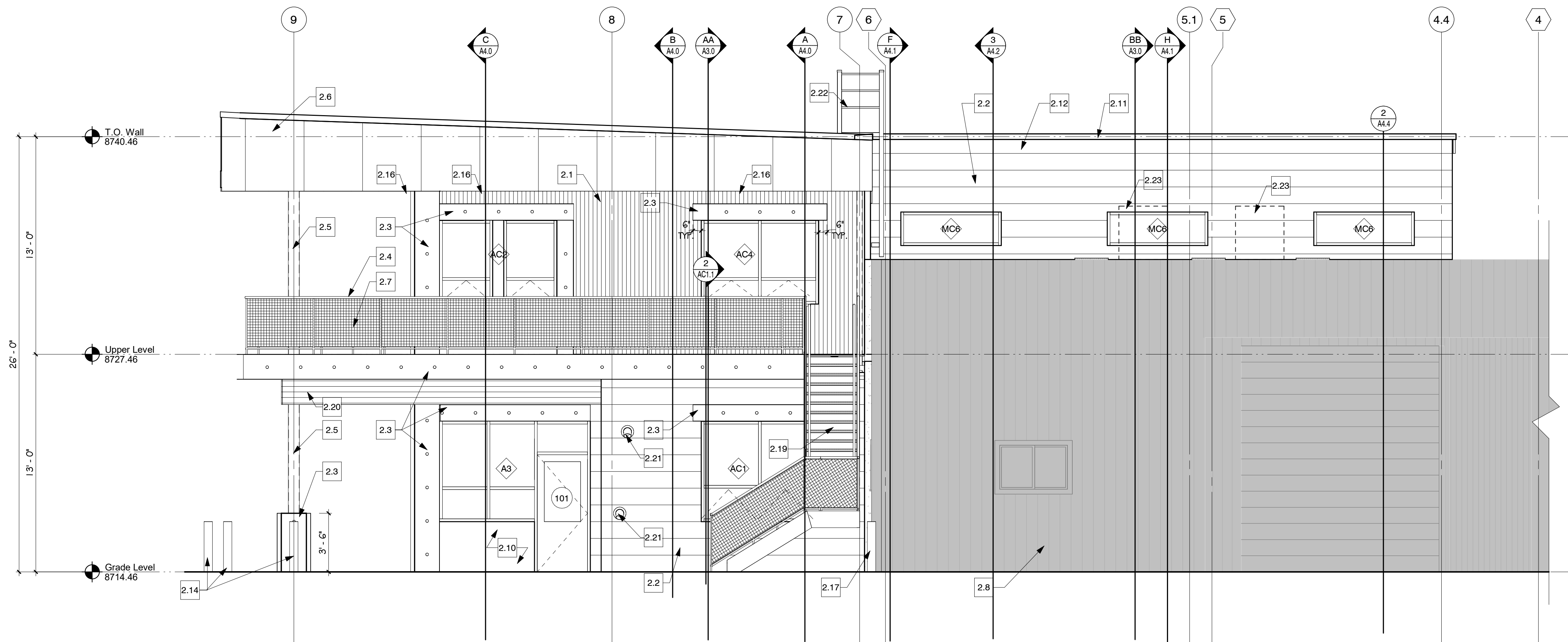
REV: 3

SPECIFICATION SHEET

Striem
Kansas City, KS
Tel: 913-222-1500
orders@striemco.com
www.striemco.com

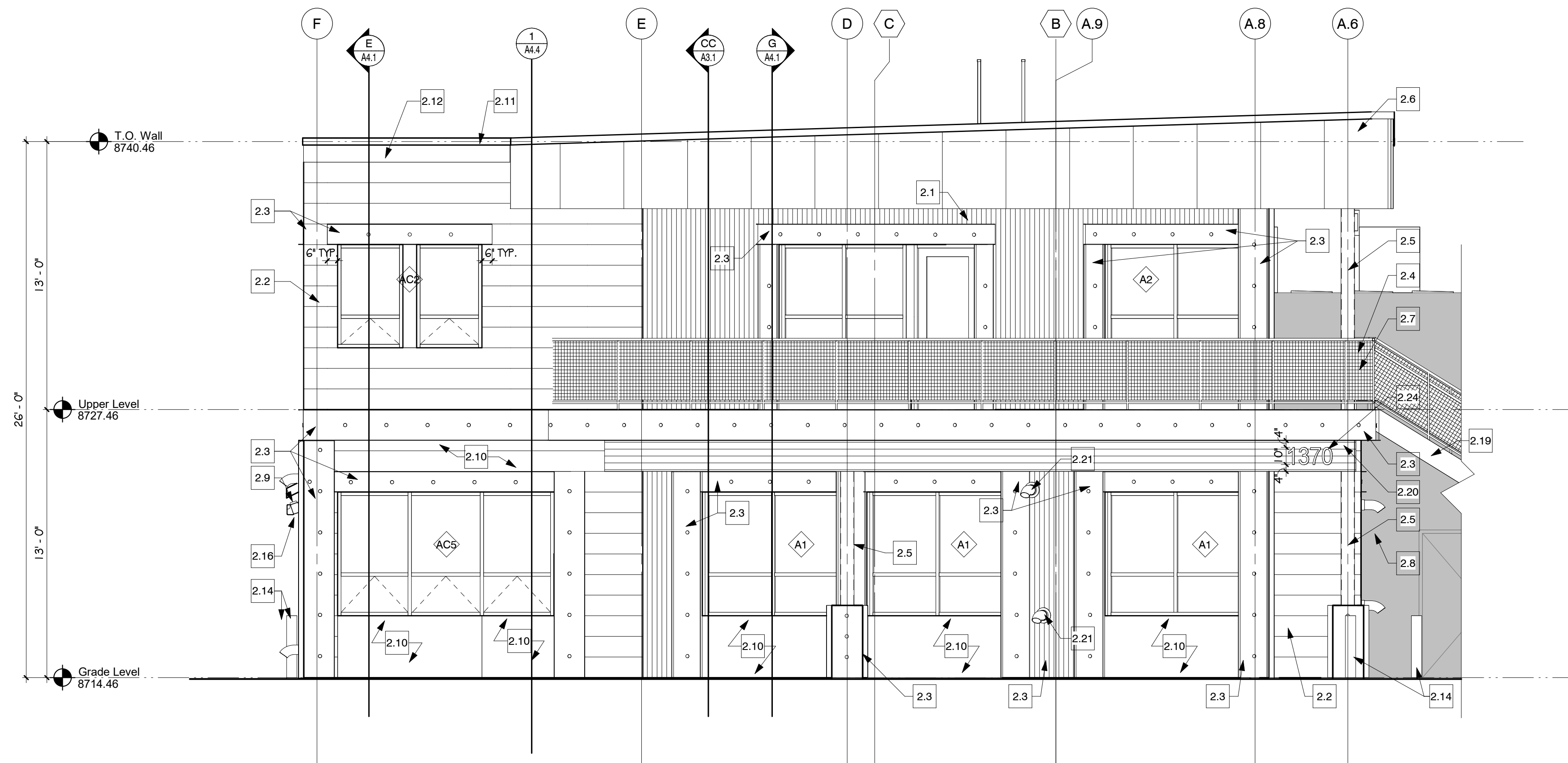
Made in the U.S.A





1. North Elevation

1/4" = 1'-0"



2. East Elevation

1/4" = 1'-0"

Keynote Legend - Elevations_

- 2.1 PRE-FIN. CORRUGATED METAL SIDING
- 2.2 PRE-FIN. HORIZONTAL LAP METAL SIDING
- 2.3 MTL. C-CHANNEL WITH DECORATIVE FASTENERS @ 24" O.C. ATTACHED TO HAT CHANNELS - HIGH PERFORMANCE COATING
- 2.4 GALV. MTL. GUARDRAIL
- 2.5 STEEL COLUMN - PT.
- 2.6 PRE-FIN. METAL ROOF FASCIA
- 2.7 GALV. STEEL MESH GUARDRAIL INFILL PANELS
- 2.8 EXISTING BUILDING TO REMAIN
- 2.9 PRE-FIN. STANDING SEAM METAL ROOF
- 2.10 PRE-FIN. FLAT METAL PANEL
- 2.11 PRE-FIN. METAL COPING
- 2.12 PRE-FIN. METAL TRIM
- 2.13 FLUE VENT
- 2.14 6" CONC. FILLED STL. PIPE BOLLARD - PT. - RE: CIVIL
- 2.15 GAS METER
- 2.16 LIGHT FIXTURE
- 2.17 (E) BOLLARD TO REMAIN
- 2.18 PRE-FIN. MTL. LOUVERS - RE: MECH.
- 2.19 PRE-ENGINEERED GALVANIZED STEEL STAIRS
- 2.20 PRE-FIN. MTL. SOFFIT - RE: MECH.
- 2.21 DOWNSPOUT NOZZLE - RE: PLBG.
- 2.22 ROOF LADDER
- 2.23 VRF CONDENSING UNIT - RE: MECH.
- 2.24 BUILDING SIGN - FONT: ARIAL, COLOR: BLACK



Consultants:

Project Title:

Town of
Telluride

Telluride Public
Works Transit
Addition
Telluride, Colorado

Mark	Date	Description
1	05/20/26	Addendum 5
	04/17/26	Bid Set
	06/10/24	Construction Documents
	02/26/24	Design Development

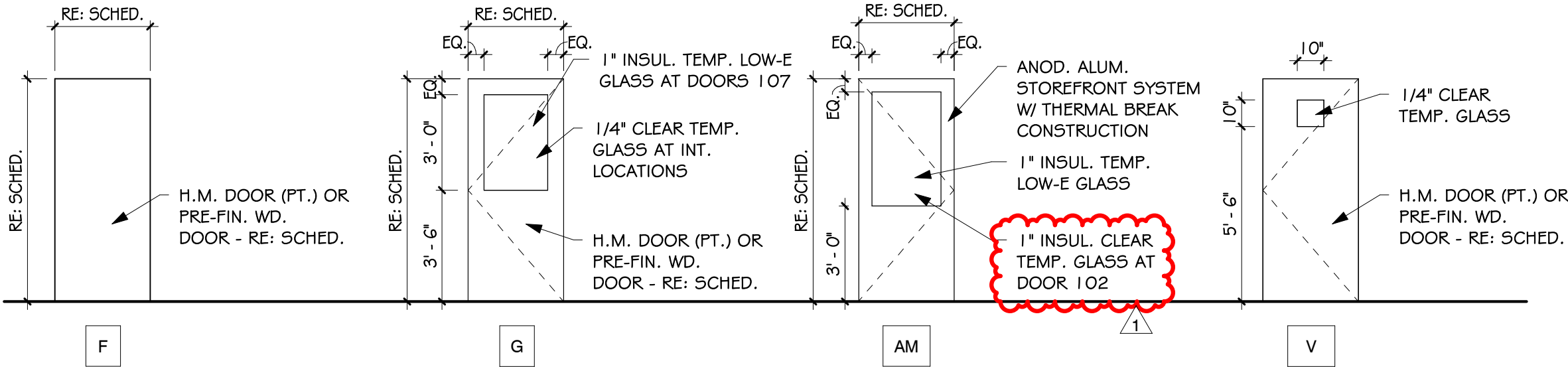
Project Number: 23019
Drawn By: MLR
Checked By: LMH

Sheet Title:

Exterior Elevations

A2.0

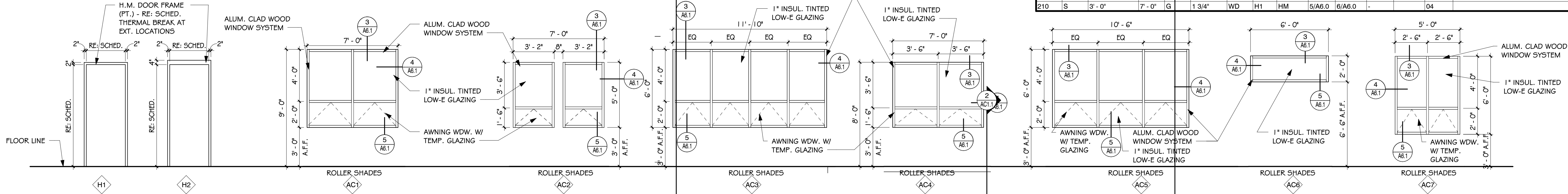
NOTE: EXTERIOR DOOR GLAZING TO HAVE U-VALUE OF .77 MAX. AND SHGC OF .40 MAX.



Door Types

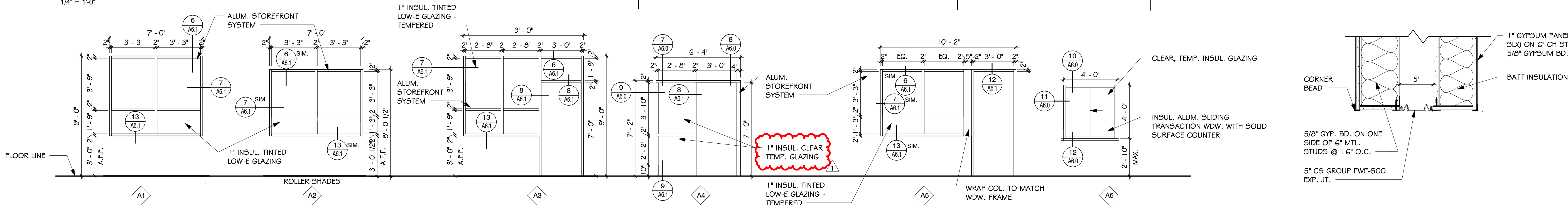
1/4" = 1'-0"

NOTE: WINDOW GLAZING TO HAVE U-VALUE OF .43 MAX. AND SHGC OF .40 MAX.



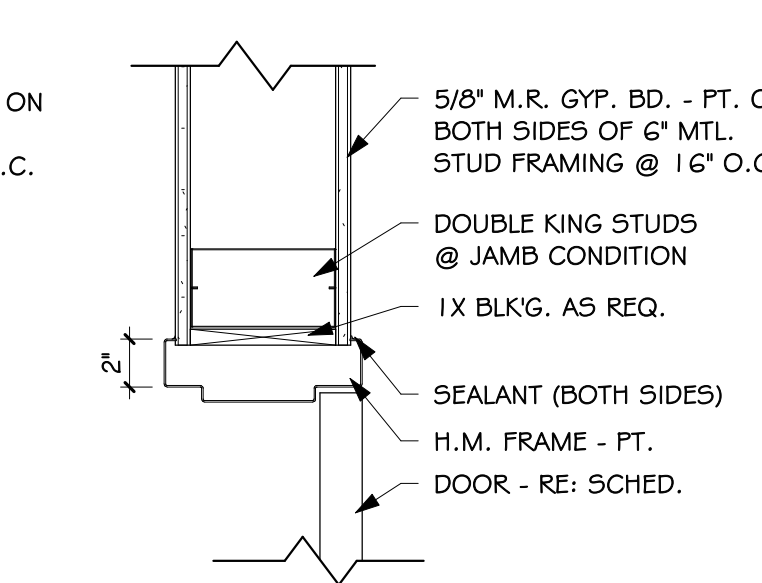
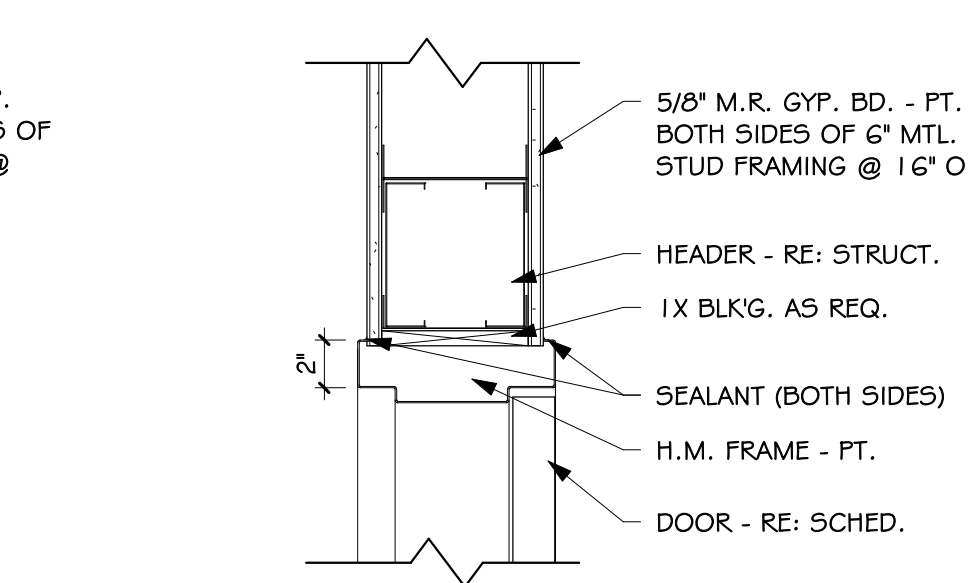
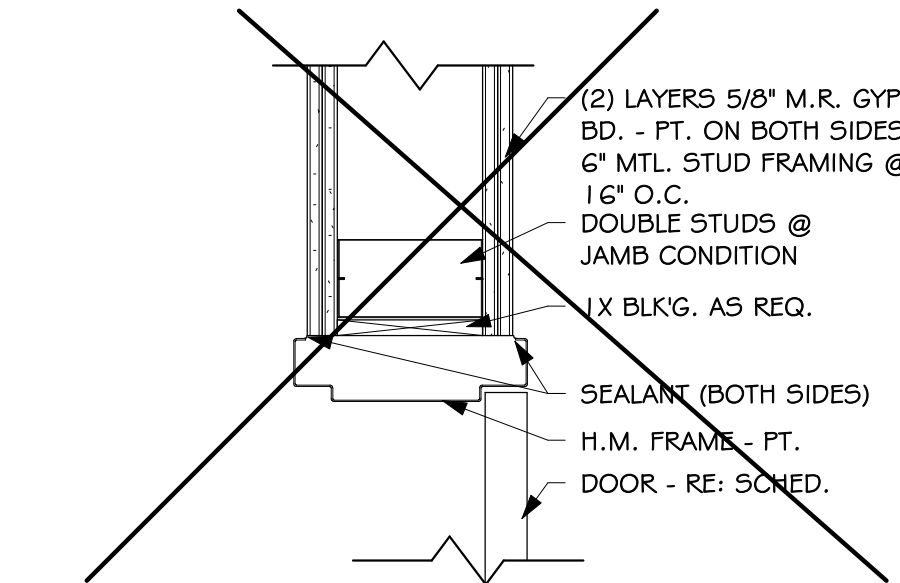
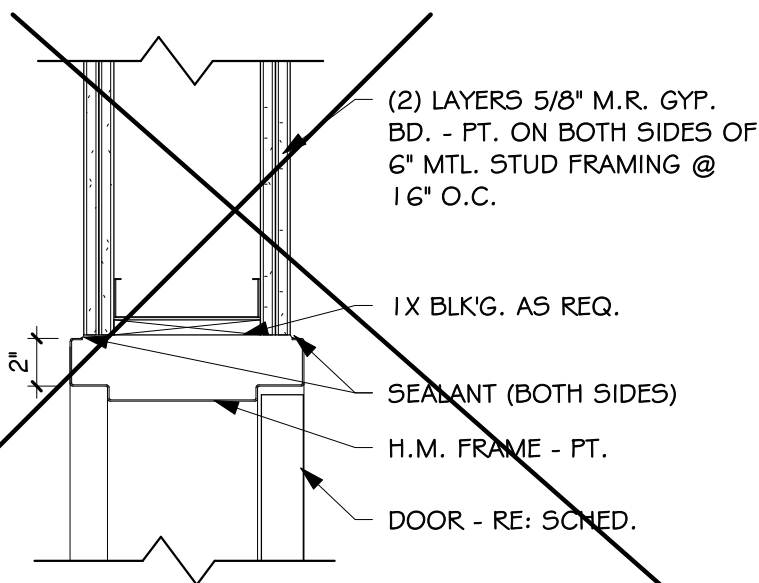
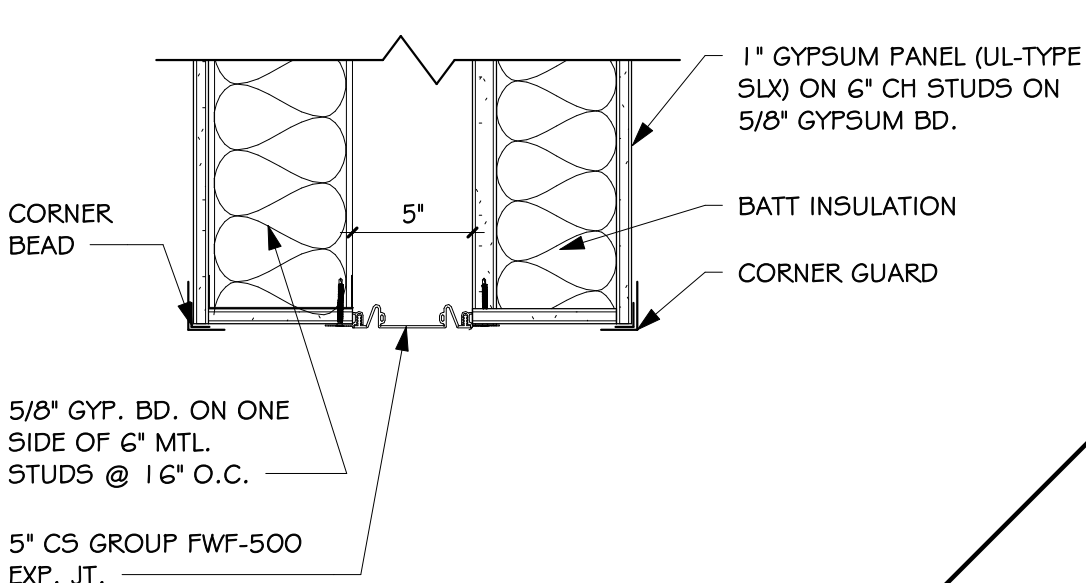
Frame Types

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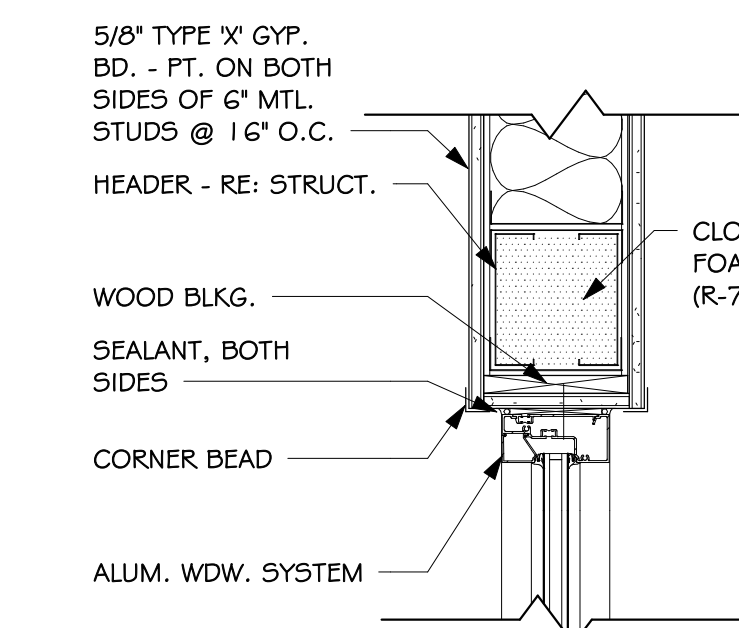
Frame Types

1/4" = 1'-0"



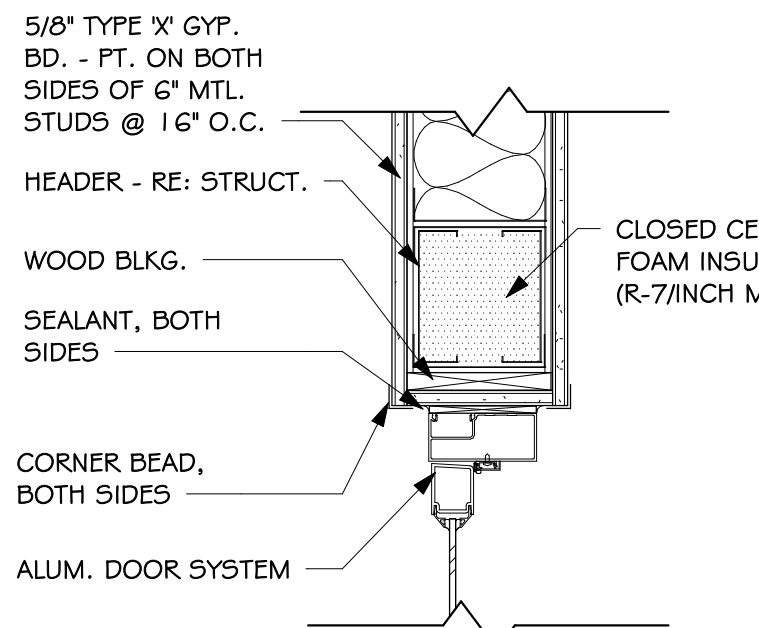
2. Interior Jamb Detail - E.J.

1 1/2" = 1'-0"



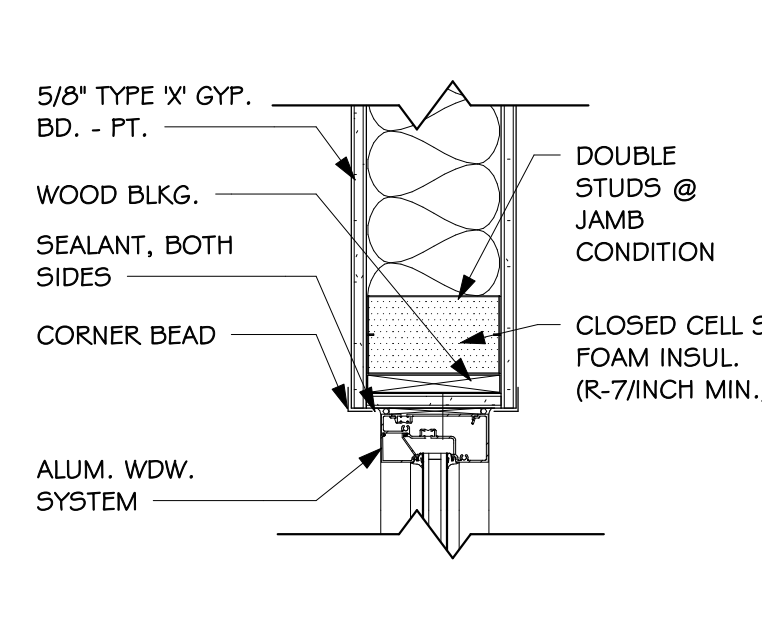
3. Interior Door Head Detail

1 1/2" = 1'-0"



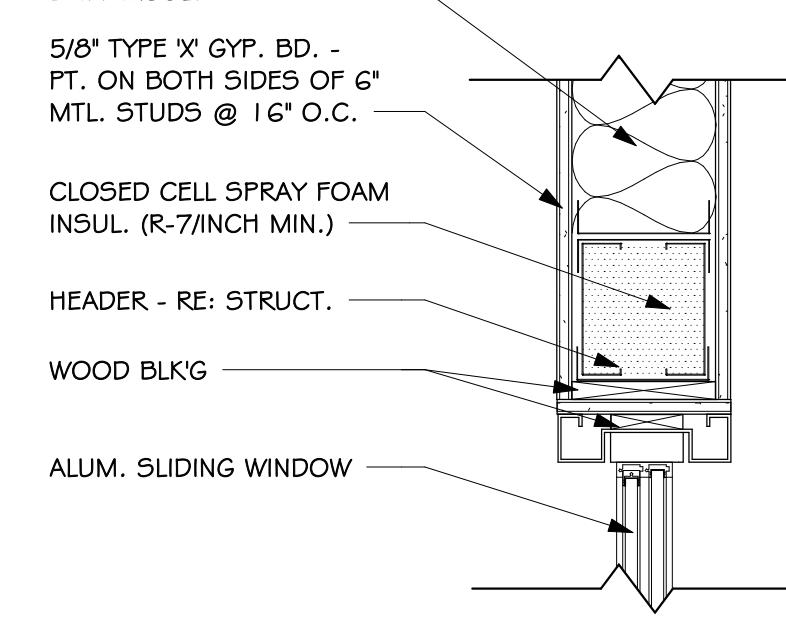
4. Interior Door Jamb Detail

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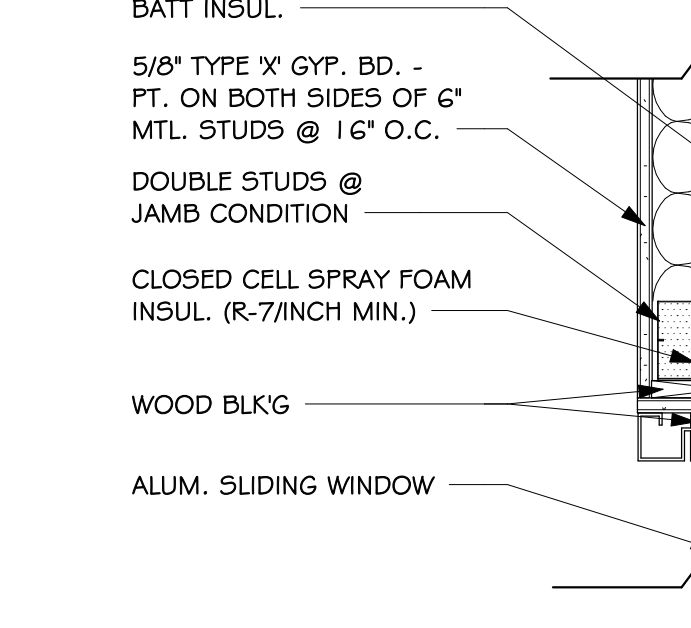
5. Interior Door Head Detail

1 1/2" = 1'-0"



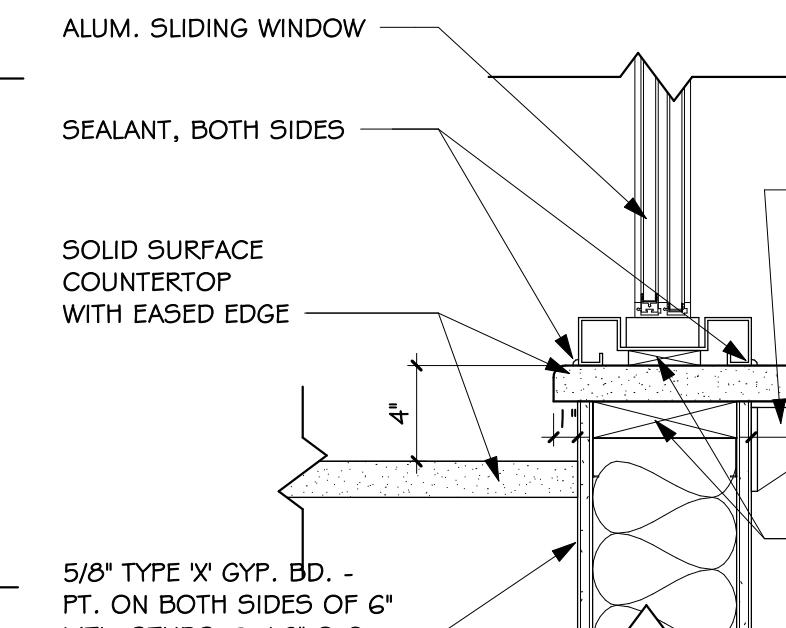
6. Interior Door Jamb Detail

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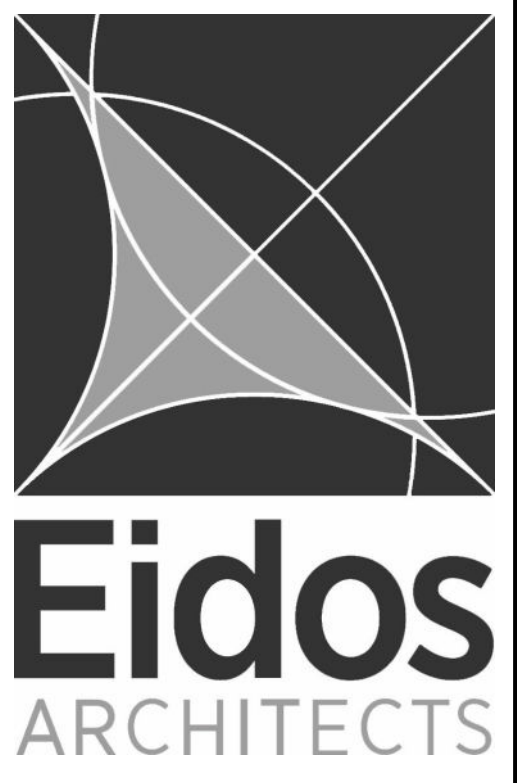
12. Transaction Window Sill Detail

1 1/2" = 1'-0"



C:\Users\mubio\Documents\23019 Telluride Public Works A23 Central_MRLubio\eidsearch.com.rvt

5/20/2026 4:59:09 PM



5400 Greenwood Plaza Blvd.
Greenwood Village, CO 80111
Phone: 720.200.0630

© 2026

Consultants:

Project Title:

Town of
Telluride
Telluride Public
Works Transit
Addition
Telluride, Colorado

Mark	Date	Description
1	05/20/26	Addendum 5
	04/17/26	Bid Set
	06/10/24	Construction Documents
	02/26/24	Design Development

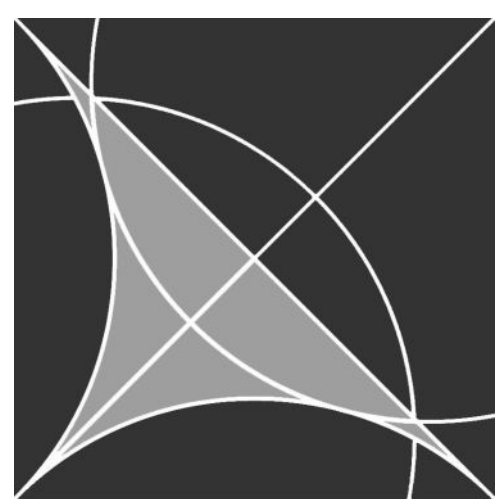
Project Number: 23019
Drawn By: JJ
Checked By: LMH

Sheet Title:
Door & Frame
Types, HJS Details

A6.0

Keynote Legend - RCP

- 7.1 (N) BATT INSULATION BETWEEN NEW AND EXIST. ROOF TRUSSES - FINISH WITH NEW FOIL FACER TO MATCH (E)
7.2 SUSPENDED FELT BAFFLE - FITZFEEL ARO BAFFLE V2
7.3 PAINT UNDERSIDE OF STAIR STRUCTURE AND LANDING
7.4 PRE-FIN. MTL. SOFFIT ON WEATHER BARRIER ON 1/2" SHEATHING ON 1 - 1/2" MTL. FRMG.
7.5 LIGHT FIXTURE - RE: ELEC.



Eidos
ARCHITECTS

5400 Greenwood Plaza Blvd.
Greenwood Village, CO 80111
Phone: 720.200.0630

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Consultants:

Project Title:

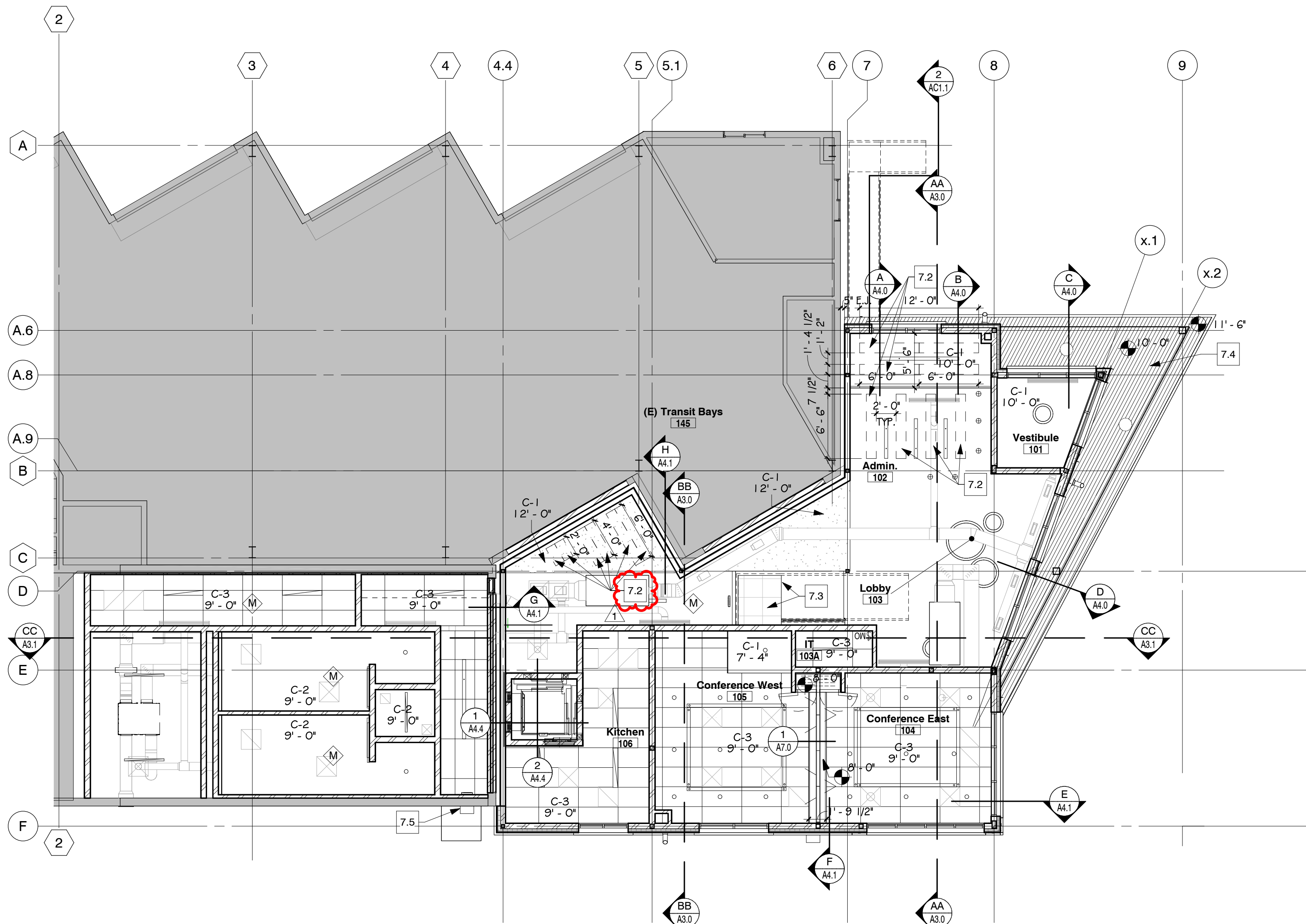
Town of
Telluride
Telluride Public
Works Transit
Addition
Telluride, Colorado

1	05/20/26	Addendum 5
	04/17/26	Bid Set
	06/10/24	Construction Documents
	02/26/24	Design Development

Project Number: 23019
Drawn By: MLR/JJ/CS
Checked By: LMH

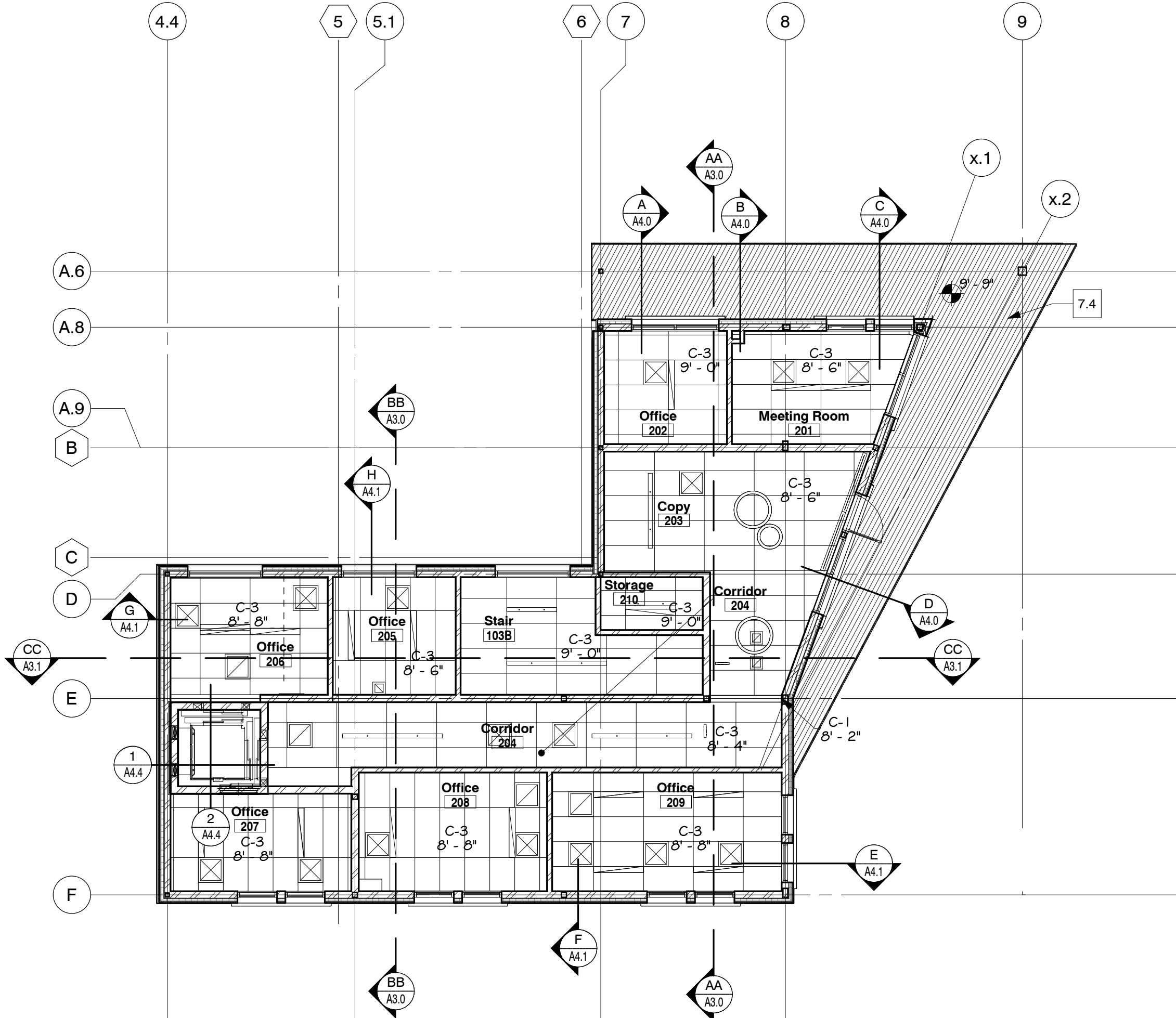
Sheet Title:
Reflected Ceiling
Plan

A7.0



Grade Level Reflected Ceiling Plan

1/8" = 1'-0"

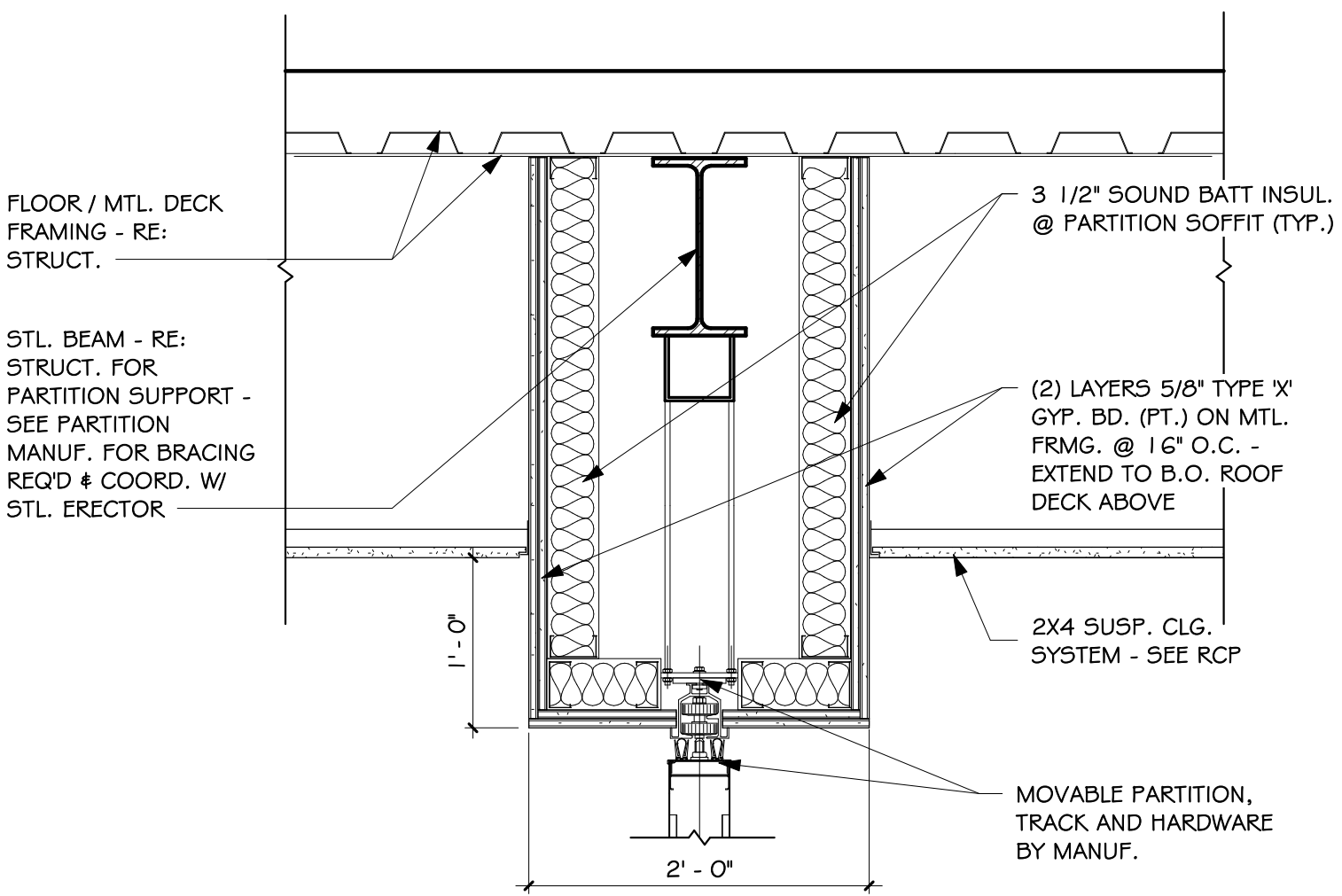


Upper Level Reflected Ceiling Plan

1/8" = 1'-0"

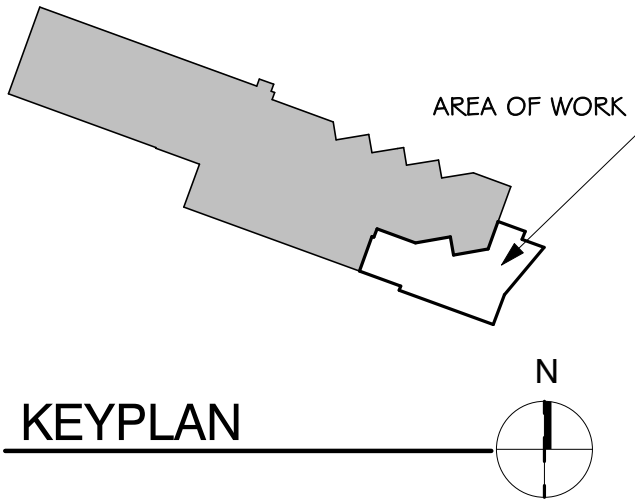
RCP Legend

- Exterior Wall Mounted Light Fixture
- 1 X 4 Light Fixture
- 2 X 2 Light Fixture
- 2 X 4 Light Fixture
- Pendant Light Fixture
- Recessed Can Light Fixture
- Suspended Linear Light Fixture
- Strip Lighting
- Track Lighting
- Emergency Wall Pack Lighting
- Ceiling Type / Distance A.F.F.
- Gyp. Bd. Ceiling
- Suspended Acoustical Tile/Grid
- Exposed Spiral Duct
- Supply Grill
- Return Grill
- Exit Sign (Single Sided, Double Sided, W/ Directional Arrow, Wall Mounted)

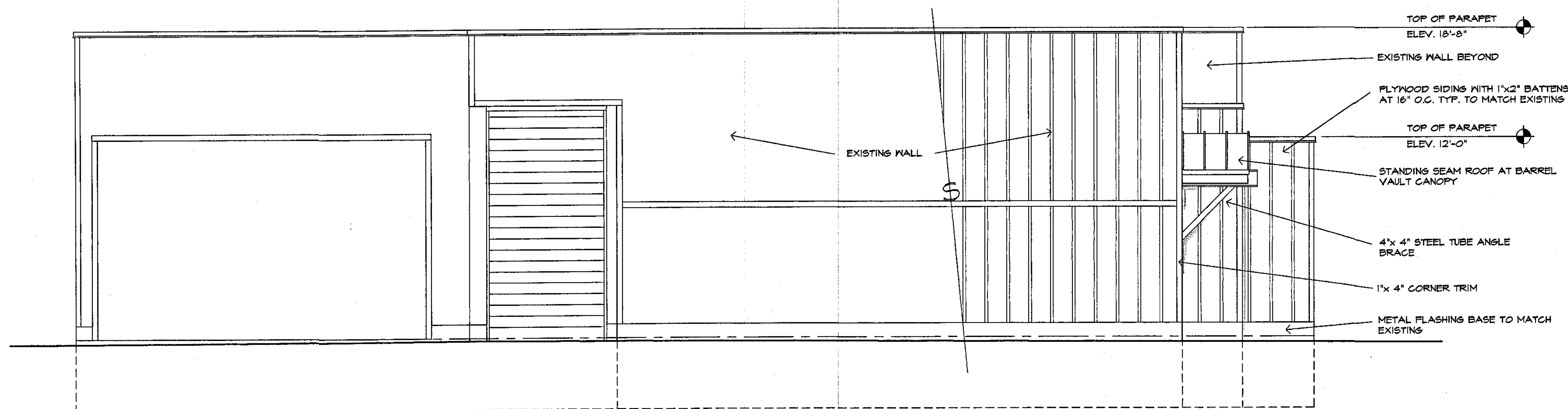


1. Operable Partition Track Detail

1" = 1'-0"

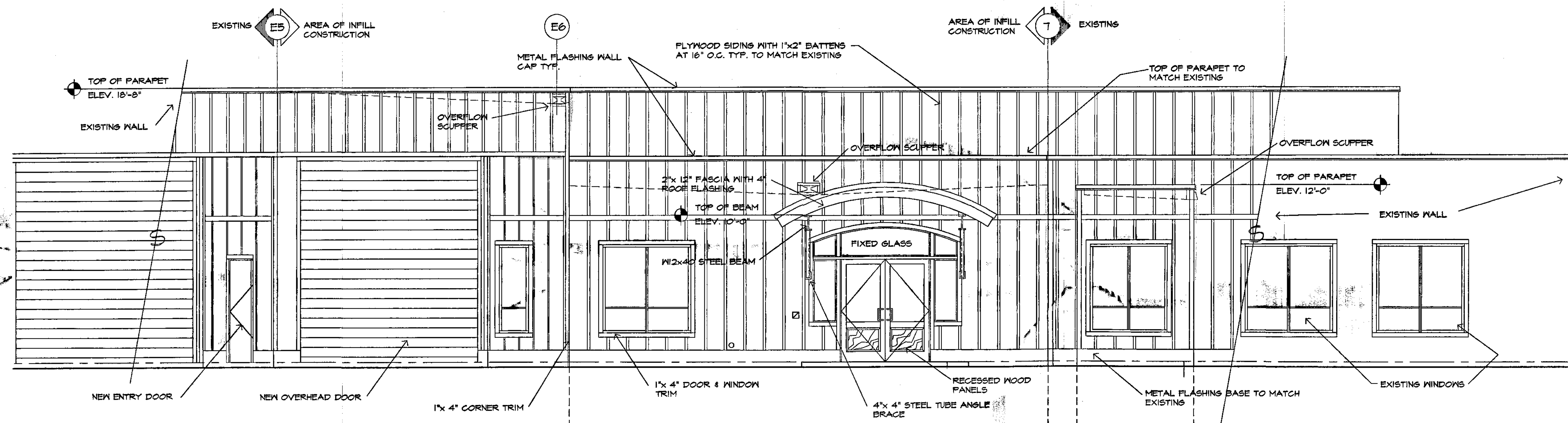


KEYPLAN



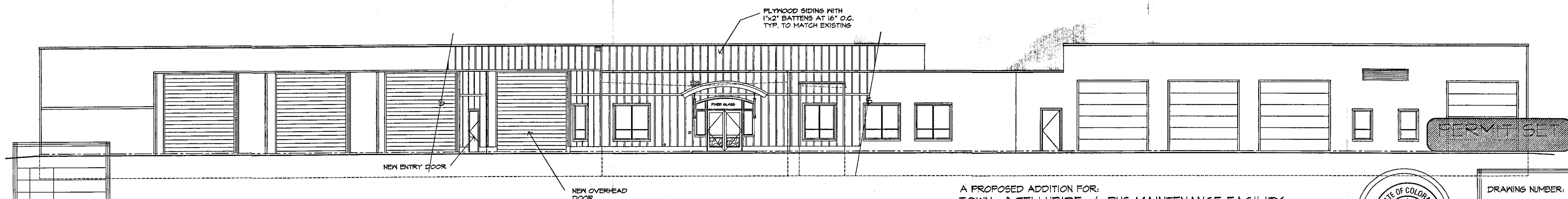
EAST ELEVATION

SCALE: 1/4" = 1'-0"



PARTIAL NORTH ELEVATION

SCALE: 1/4" = 1'-0"

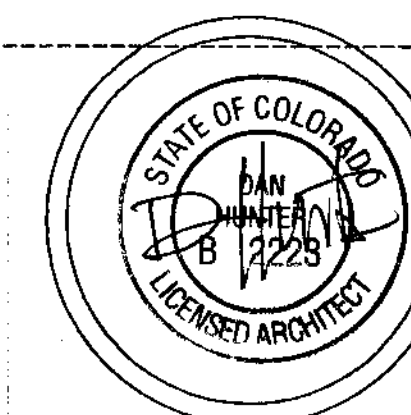


PROPOSED NORTH ELEVATION

SCALE: 1/8" = 1'-0"

A PROPOSED ADDITION FOR:
TOWN OF TELLURIDE / BUS MAINTENANCE FACILITY

1370 BLACK BEAR ROAD
TOWN OF TELLURIDE, COLORADO



DRAWING NUMBER:

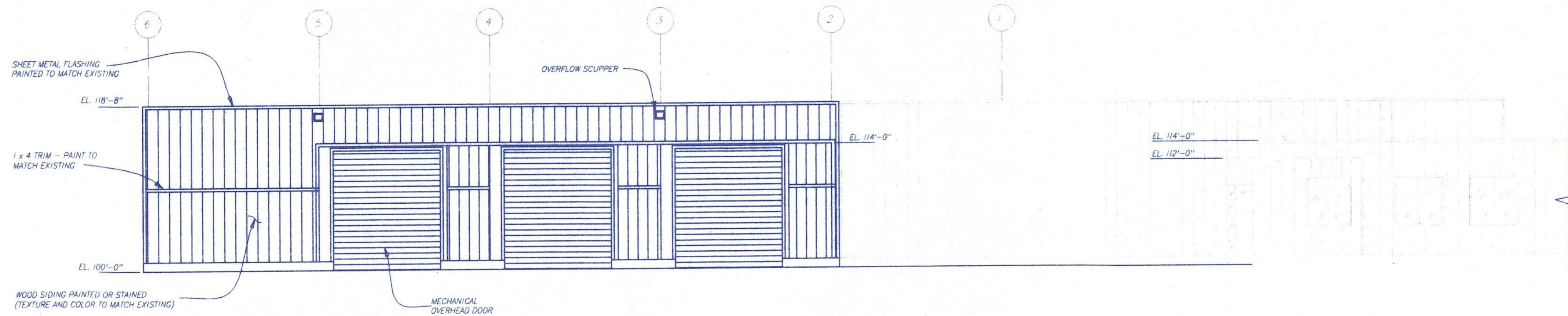
A-2.1

NO.	DATE	DESCRIPTION
07.17.14	PERMIT SET	
05.19.14	CHECK SET	

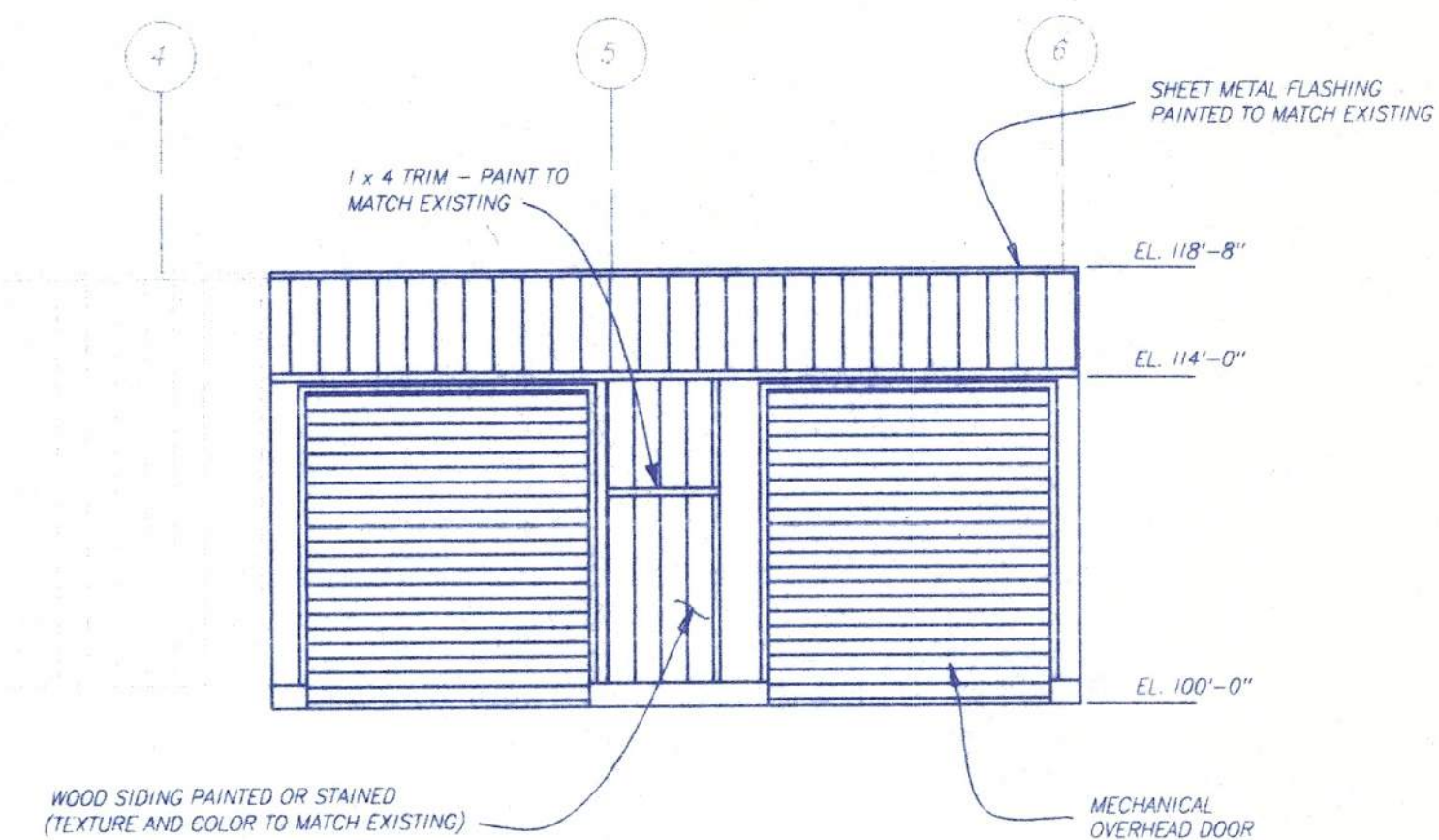
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DOUG MILLER
DESIGNS

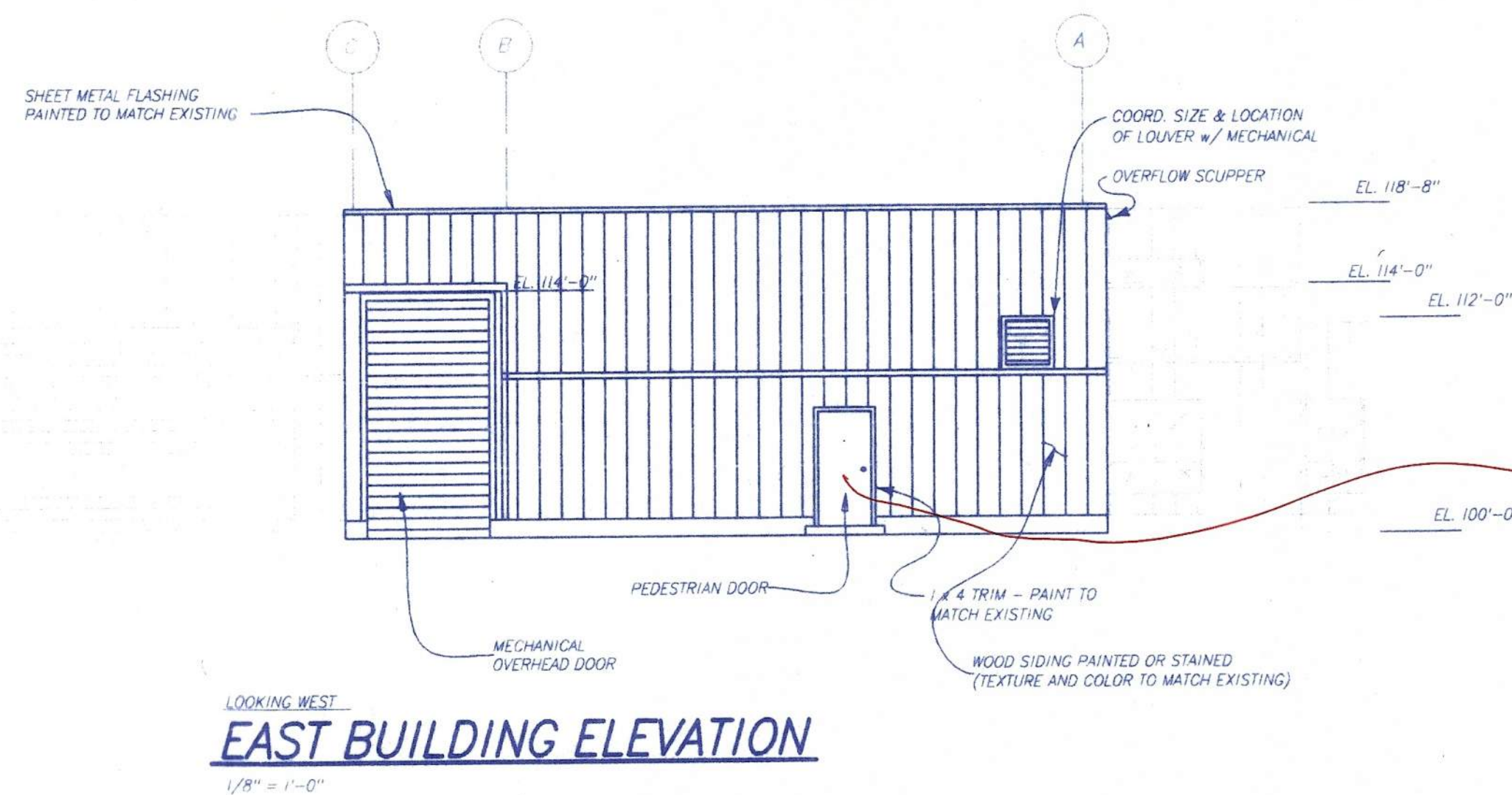
P.O. BOX 1914
TELLURIDE, COLORADO 81415
PHONE: (970) 726-0332
FAX: (970) 726-0199



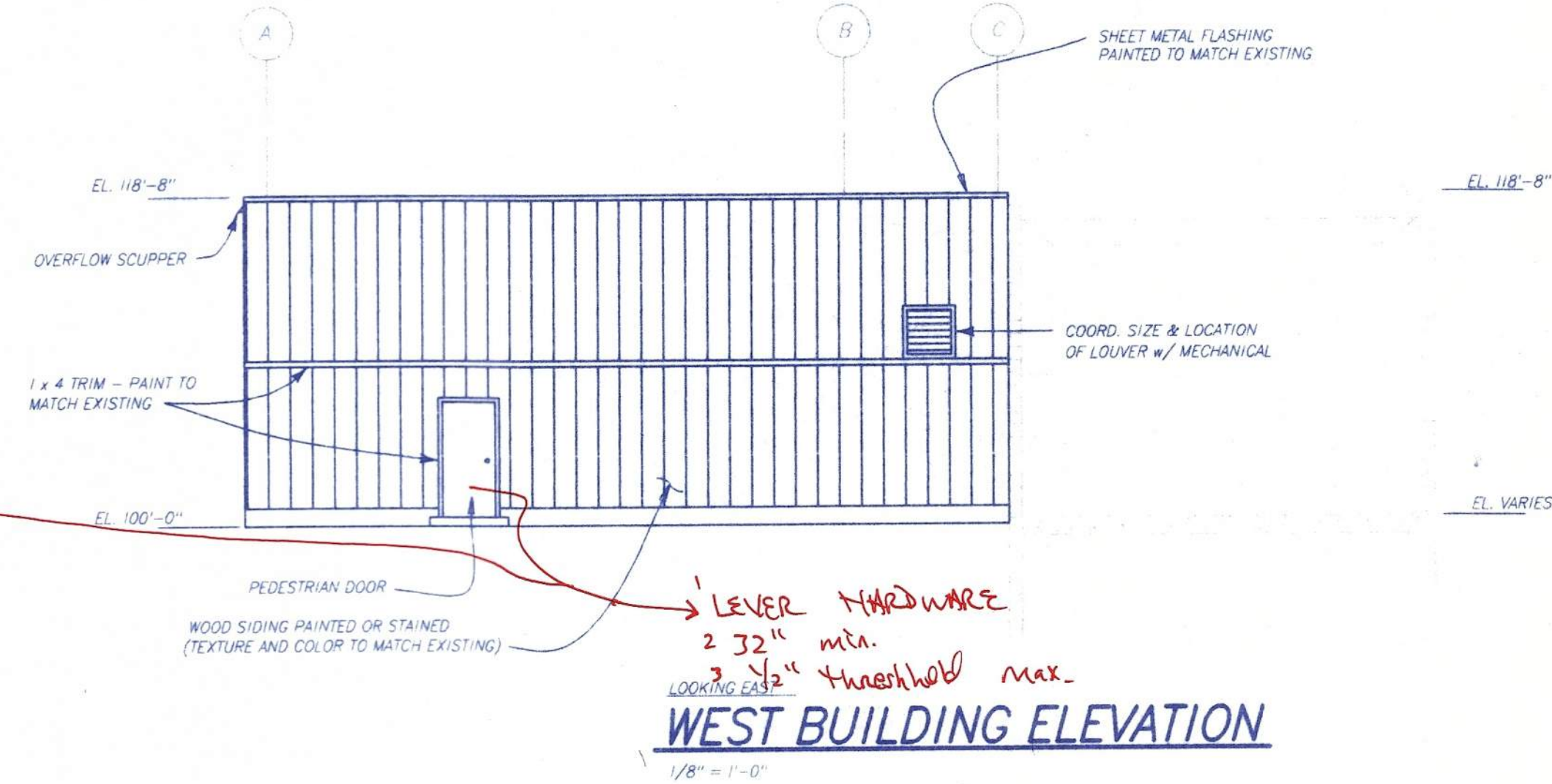
LOOKING SOUTH
NORTH BUILDING ELEVATION
1/8" = 1'-0"



LOOKING NORTH
SOUTH BUILDING ELEVATION
1/8" = 1'-0"



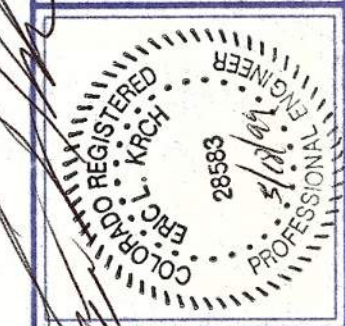
LOOKING WEST
EAST BUILDING ELEVATION
1/8" = 1'-0"



LOOKING EAST
WEST BUILDING ELEVATION
1/8" = 1'-0"

ISSUED FOR BID
PURPOSES ONLY

BUCKHORN GEOTECH
Civil, Structural & Geotechnical Engineers
222 So. Park Ave. Montrose, Colorado 81401
970-249-6828 Fax. No. 970-249-0945

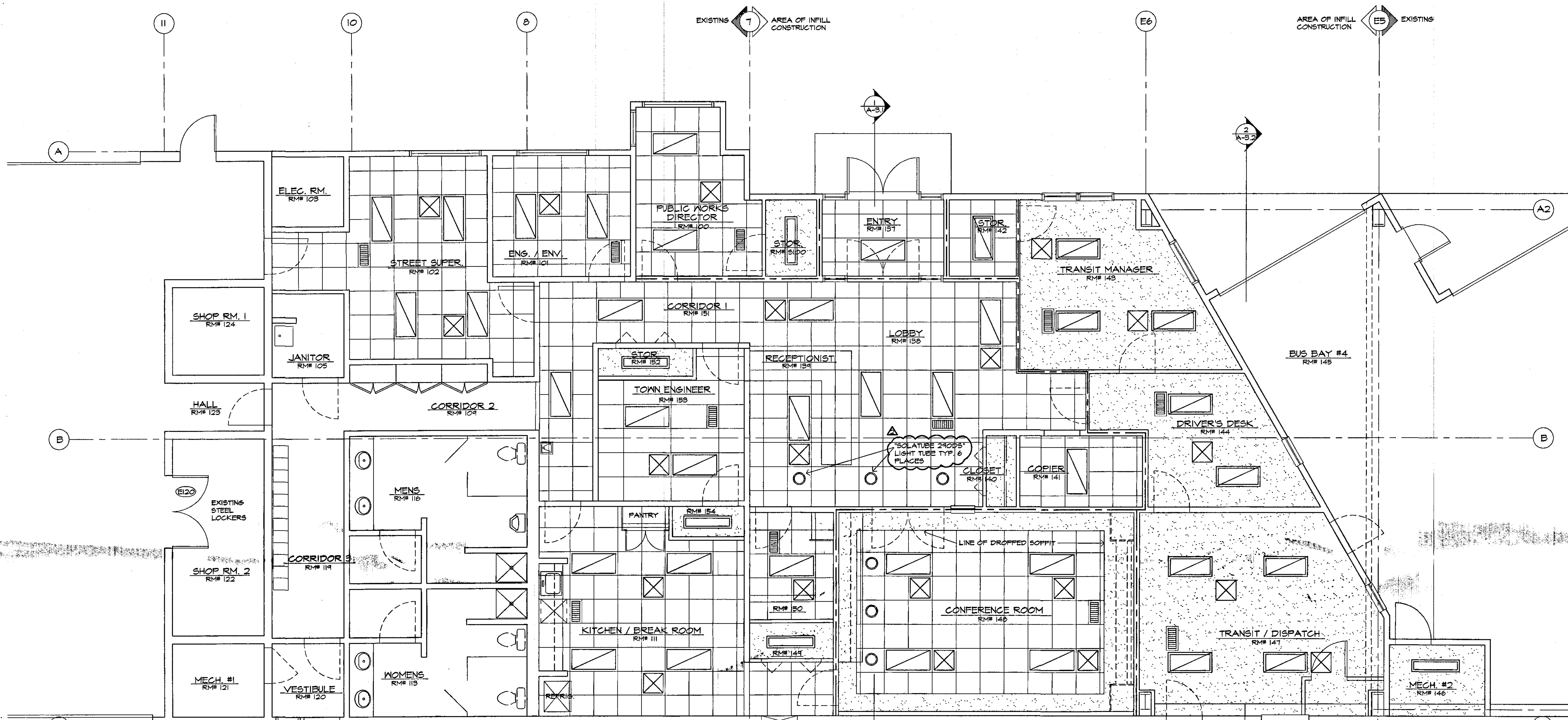


DATE	
REVISIONS	

DESIGNED	
DRAWN	
CHECKED	
APPROVED	
CADD NAME	A2-2.DWG

TELLURIDE PUBLIC WORKS FACILITY
BUS STORAGE & MAINTENANCE ADDITION
TELLURIDE, COLORADO

DATE	05/10/99
PROJ. NO.	99/118
DRAWING NUMBER	A2.2
OF 4-A	DWGS.



LEGEND:

- SUSPENDED GRID
- 2x4' SUSPENDED ACOUSTICAL TILE (ACT)
- ROOM NAME & NUMBER
- RECESSED FLUORESCENT LIGHT FIXTURE
- SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
- SUPPLY GRILLE
- RETURN AIR GRILLE OR EXHAUST GRILLE
- INTERIOR PARTITIONS EXTENDING TO UNDERSIDE OF ROOF DECK, ALL OTHER INTERIOR PARTITIONS EXTEND 4" ABOVE FINISH CEILING HEIGHT

REFLECTED CEILING PLAN

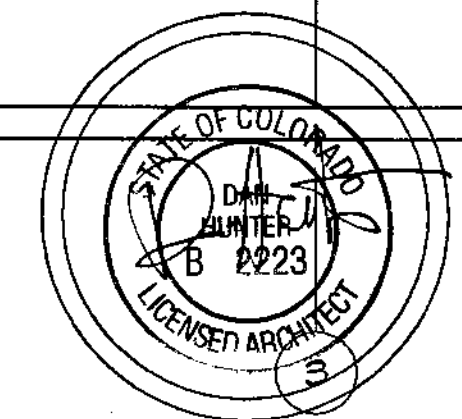
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NO.	DATE	DESCRIPTION
07.17.14	PERMIT SET	
07.11.14	REVISED	
05.19.14	CHECK SET	

A PROPOSED ADDITION FOR
TOWN OF TELLURIDE / BUS MAINTENANCE FACILITY

1370 BLACK BEAR ROAD
TOWN OF TELLURIDE, COLORADO



PERMIT SET

DRAWING NUMBER:
RC-1.1

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**DOUG MILLER
DESIGNS**

1010 N. 1ST AVE.
TELLURIDE, COLORADO 81415
PHONE: 970.726.1835
FAX: 970.726.1839
WWW.DMDESIGNS.COM