ADOPTED CODES

2018 INTERNATIONAL RESIDENTIAL CODE 2018 INTERNATIONAL ENERGY CONSERVATION CODE 2019 DENVER BUILDING CODE WITH AMENDMENTS 2020 NATIONAL ELECTRICAL CODE

GENERAL NOTES

THESE DRAWINGS ARE "BUILDERS PLANS" INDICATING GENERAL DESIGN INTENT ONLY. IT IS THE BUILDER'S RESPONSIBILITY TO PROVIDE ANY ADDITIONAL CONSTRUCTION DETAILS REQUIRED AND TO DICTATE METHODS OF CONSTRUCTION. THE BUILDER SHALL VERIFY ALL DIMENSIONS OF MANUFACTURED COMPONENTS AND RELATIONSHIPS BETWEEN MATERIALS OR COMPONENTS. THE BUILDER SHALL VERIFY EXISTING CONDITIONS AND DIMENSIONS SHOWN INCLUDING ALL EXISTING GRADES.

THE ARCHITECT SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES OR DEFICIENCIES IN THE DRAWINGS PRIOR TO CONSTRUCTION. FAILURE TO NOTIFY THE ARCHITECT SHALL CONSTITUTE ACCEPTANCE BY THE BUILDER OF ALL RESPONSIBILITY.

THIS IS A CUSTOM DESIGN FOR A SPECIFIC SITE. THESE PLANS MAY NOT BE USED ON ANY OTHER SITE WITHOUT THE ARCHITECT'S PRIOR, WRITTEN APPROVAL.

ANY CHANGES TO THESE PLANS WITHOUT PRIOR WRITTEN CONSENT BY THE ARCHITECT SHALL CONSTITUTE ACCEPTANCE BY THE BUILDER AND OWNER OF THAT CHANGE.

THE CONTRACTOR SHALL PROVIDE MECHANICAL AND ELECTRICAL ENGINEERING AS REQUIRED TO COMPLETE WORK AND FOR INTENDED PURPOSE. MECHANICAL CONTRACTOR SHALL VERIFY DIMENSIONS OF ALL NECESSARY FLUE CHASES, DUCTS & EQUIPMENT.

THE BUILDER/CONTRACTOR AND ALL SUBCONTRACTORS SHALL CONFORM TO ALL APPLICABLE BUILDING CODES.

FLOOR PLAN NOTES

GLAZING IN DOORS AND FIXED OR OPERABLE PANELS WITHIN A 24" ARC OF EITHER VERTICAL EDGE OF A DOOR IN A CLOSED POSITION AND WITHIN 60" OF THE FLOOR MUST BE SAFETY GLASS AS PER I.R.C.

GLAZING IN WALLS ENCLOSING STAIRWAY LANDINGS OR WITHIN 5' OF THE BOTTOM AND TOP OF STAIRWAYS WHERE THE BOTTOM AND TOP EDGE OF THE GLASS IS LESS THAN 60" ABOVE A WALKING SURFACE MUST BE SAFETY GLASS AS PER I.R.C.

GLAZING ADJACENT TO AND WITHIN 60" OF THE WALKING/STANDING SURFACE WITHIN A BATHTUB OR SHOWER ENCLOSURE MUST BE SAFETY GLASS AS PER I.R.C.

CEMENT BOARD OR BETTER SHALL BE USED AT ALL TILE LOCATIONS, TUBS, AND SHOWER STALLS. ALL SILLS, SEATS, & SHELVES IN SHOWER/TUB AREAS SHALL BE WATERPROOFED, TILED, & SLOPED TO DRAIN MIN. 1/4" PER FOOT.

PROVIDE ATTIC VENTILATION PER I.R.C.

PROVIDE A MECHANICALLY OPERATED EXHAUST SYSTEM IN ALL BATHROOMS, WATER CLOSET COMPARTMENTS, AND SIMILAR ROOMS.

FIRE-RATED GYPSUM BOARD SHALL BE APPLIED AT ALL NECESSARY LOCATIONS TO COMPLY WITH APPLICABLE BUILDING CODES.

FIRE BLOCKS ARE REQUIRED WITHIN STUD WALLS AT 10' INTERVALS AND AT THE FLOOR AND CEILING. FIRE BLOCKS ARE ALSO REQUIRED AT FLOOR AND CEILING PENETRATIONS AROUND VENTS, PIPES, DUCTS, ETC. THE INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES (SOFFITS), BETWEEN STAIR STRINGERS, AND THE OPENINGS BETWEEN CHIMNEY CHASES AND ATTIC SPACES MUST BE FIRE STOPPED. FIRE BLOCK MATERIAL MAY BE 2" NOMINAL LUMBER, GYP BOARD, ETC.

ONE LAYER OF 5/8" TYPE 'X' GYP. BOARD SHALL BE APPLIED TO THE BOTTOM CHORD OF TJI'S OR ENGINEERED TRUSSES IN GARAGE CEILING FOR FIRE SEPARATION BETWEEN GARAGE & SPACE

ONE LAYER OF 5/8" TYPE 'X' GYP. BOARD SHALL BE APPLIED TO THE WALLS IN THE GARAGE FOR FIRE SEPARATION BETWEEN GARAGE & LIVING SPACE.

ALL DIMENSIONS ARE TO FACE OF STRUCTURE AND ROUGH OPENINGS, U.O.N.

ROOF NOTES

SEE ROOF FRAMING PLANS FOR ROOF PITCHES AND OVERHANG DEPTHS.

ALL ROOF AREAS SHALL DRAIN INTO GUTTERS AND DOWNSPOUTS.

GUTTERS & DOWNSPOUTS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIZE & LOCATION TO ASSURE POSITIVE DRAINAGE AWAY FROM STRUCTURE. DISCHARGE ROOF DOWNSPOUTS AND ALL OTHER WATER COLLECTION SYSTEMS WELL BEYOND THE LIMITS OF THE BACKFILL A MIN. OF 5 FEET.

PROVIDE CONCEALED WALL FLASHING AT ALL AREAS WHERE ROOF MEETS VERTICAL WALL. MINIMUM 8" VERTICAL LEG. PROVIDE VALLEY FLASHING AND METAL DRIP EDGES AND VENT PIPE FLASHING AS PER MANUFACTURER'S DIRECTIONS. PROVIDE KICK-OUT FLASHING AND ANY OTHER CODE REQUIRED FLASHING.

ROOF OVERHANG DIMENSIONED FROM OUTSIDE FACE OF STUD TO END OF TRUSS/RAFTER/JOIST.

PARAPET WALLS SHALL BE PROPERLY COPED WITH NONCOMBUSTIBLE, WEATHERPROOF MATERIALS OF A WIDTH NO LESS THAN THE THICKNESS OF THE PARAPET WALL.

PROVIDE ICE AND WATER SHIELD MIN 18" EACH SIDE OF ALL VALLEYS AND MIN 3' UP FROM EAVES. PROVIDE UNDERLAYMENT PER ROOFING MANUFACTURER.

PROVIDE ROOF VENTING AS REQUIRED FOR ATTIC VENTILATION.

PROVIDE ALL COMPONENTS FOR A COMPLETE INSTALL

ELEVATION / SECTION NOTES

BUILDER TO PROVIDE FLASHING AND/OR CAULKING AS PER MANUFACTURERS SPECIFICATIONS AT ALL DOORS AND WINDOWS.

BUILDER TO PROVIDE FLASHING AND/OR CAULKING PER MANUFACTURER'S SPECIFICATIONS AT ALL DOORS AND WINDOWS.

BUILDER TO PROVIDE WEATHER BARRIER BETWEEN SIDING AND SHEATHING AS PER MANUFACTURER'S RECOMMENDATIONS.

CLEARANCE FROM GROUND TO SIDING SHALL COMPLY WITH THE I.R.C. AND ALL LOCAL

PROVIDE FLASHING, CAULKING OR OTHER MEANS AS NECESSARY TO PREVENT MOISTURE PENETRATION AT ALL THE MATERIAL TRANSITIONS. WEATHER BARRIER BETWEEN EXTERIOR FINISH MATERIAL AND SHEATHING PER MANUFACTURER'S RECOMMENDATIONS.

BACKPRIME AND PRIME CUT EDGES OF TRIM MATERIAL.

PROVIDE FOUNDATION DRAINAGE PER CODE AND GEOTECHNICAL REPORT REQUIREMENTS

SITE NOTES

PROPERTY LINES, EASEMENTS, AND ALL METES & BOUNDS INFORMATION PROVIDED BY OWNER

BUILDER SHALL COORDINATE ALL UTILITY DESIGN INSTALLATION AND SERVICES.

BUILDER SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURE AND ACROSS SITE. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO FOUNDATION INSTALLATION.

BUILDER SHALL PROVIDE PROPER COMPACTION OF ALL EXCAVATED & TRENCHED AREAS AT TIME OF BACKFILL.

BUILDER TO PROVIDE ADEQUATE COMPACTION (TO MATCH MINIMUM BEARING CAPACITY) OF ALL BACKFILL AREAS UNDER FOUNDATION WALLS AND SLABS.

MILLWORK NOTES

CABINETRY SHOWN IS A CONCEPTUAL DEPICTION. ACTUAL FINAL CABINET DESIGN AND LAYOUT SHALL BE BY THE DESIGNER OF THE CABINET SUPPLIER AND COORDINATED WITH THE BUILDER, OWNERS, AND ACTUAL FIELD DIMENSIONS.

IECC COMPLIANCE

IECC COMPLIANCE IS VIA METHOD 1, PRESCRIPTIVE

DENVER, COLORADO IS CLIMATE ZONE 5B (DRY)

FENESTRATION U-FACTOR 0.30 SKYLIGHT U-FACTOR 0.55 CEILING R-VALUE

WOOD FRAME WALL R-VALUE R20 OR 13+5 MASS WALL R-VALUE R13/R17

FLOOR R-VALUE **BASEMENT R-VALUE** R15 CONTINUOUS INT/EXT or R19 INTERIOR CAVITY

SLAB R-VALUE & DEPTH R10, 2 FT CRAWL SPACE WALL R-VALUE R15 CONTINUOUS INT/EXT or R19 INTERIOR CAVITY

AIR BARRIER AND INSULATION TO BE INSTALLED PER TABLE N1102.4.1.1 (402.4.1.1)

UNVENTED CRAWL SPACE PER R402.2.11

ALL DUCTWORK IS INTERIOR TO THE BUILDING

PROVIDE AIR SEALING PER TABLE IECC R402.4.1.1

PROVIDE AIR BAFFLE PER R402.2.3 FOR AIR-PERMEABLE INSULATION IN VENTILATED ATTICS

DIRECT VENT FUEL BURNING APPLIANCES PER R402.4.4 EXCEPTION 1.

MECHANICAL VENTILATION PER R403.6 COMPLYING WITH M1505. VENTILATION STRATEGY PROVIDED BY HVAC ENGINEER / CONTRACTOR.

CLASS I OR II VAPOR RETARDERS ARE REQUIRED ON THE INTERIOR SIDE OF FRAME WALLS IN CLIMATE ZONE 5. PER R702.7.2 - CLASS I: SHEET POLYETHYLENE, UNPERFORATED ALUMINUM FOIL. CLASS II: KRAFT-FACED FIBERGLASS BATTS

MANDATORY AIR SEALING PER IECC: THE BUILDING ENVELOPE SHALL BE SEALED TO LIMIT AIR INFILTRATION. THE FOLLOWING

LOCATIONS SHALL BE CAULKED, GASKETED, WEATHERSTRIPPED OR OTHERWISE SEALED WITH AIR BARRIER MATERIAL TO LIMIT AIR INFILTRATION PER THE ADOPTED IECC AIR BARRIER AND THERMAL BARRIER; CEILING / ATTIC; WALLS; WINDOWS, SKYLIGHTS AND DOORS; RIM JOISTS; FLOORS; CRAWL SPACE WALLS; SHAFTS,

PENETRATIONS; NARROW CAVITIES; GARAGE SEPARATION; RECESSED LIGHTING; PLUMBING & WIRING; SHOWER/TUB ON EXTERIOR WALL; ELECTRICAL/PHONE BOX ON EXTERIOR WALLS; HVAC REGISTER BOOTS THAT PENETRATE BUILDING THERMAL ENVELOPE; FIREPLACE.

TESTING PER IECC:

THE BUILDING OR DWELLING UNIT SHALL BE TESTED AND VERIFIED AS HAVING AN AIR LEAKAGE RATE NOT EXCEEDING FIVE AIR CHANGES PER HOUR IN CLIMATE ZONES 1 AND 2, AND THREE AIR CHANGES PER HOUR IN CLIMATE ZONES 3 THROUGH 8. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH RESNET/ICC 380, ASTM E779 OR ASTM E1827 AND REPORTED AT A PRESSURE OF 0.2 INCH W.G. (50 PASCALS). WHERE REQUIRED BY THE CODE OFFICIAL, TESTING SHALL BE CONDUCTED BY AN APPROVED THIRD PARTY. A WRITTEN REPORT OF THE RESULTS OF THE TEST SHALL BE SIGNED BY THE PARTY CONDUCTING THE TEST AND PROVIDED TO THE CODE OFFICIAL. TESTING SHALL BE PERFORMED AT ANY TIME AFTER CREATION OF ALL PENETRATIONS OF THE BUILDING THERMAL ENVELOPE.

R407.1.2 MORE EFFICIENT HVAC EQUIPMENT PERFORMANCE. HEATING AND COOLING **EQUIPMENT FOR EACH** HEATING AND COOLING SYSTEM SHALL MEET OR EXCEED AT LEAST ONE OF THE

FOLLOWING EFFICIENCIES: 1. GREATER THAN OR EQUAL TO 95 AFUE NATURAL GAS FURNACE AND 15 SEER AIR CONDITIONER.

2. GREATER THAN OR EQUAL TO 10 HSPF/15 SEER AIR SOURCE HEAT PUMP. 3. GREATER THAN OR EQUAL TO 3.5 COP GROUND SOURCE HEAT PUMP.

THESE REQUIREMENTS ASSURE COMPLIANCE WITH THE INTERNATIONAL RESIDENTIAL CODE AND THE INTERNATIONAL ENERGY CONSERVATION CODE.



PROJECT NARRATIVE

NEW SINGLE FAMILY HOME WITH TWO STORIES ABOVE GRADE w/ ROOFTOP DECK. FULL

NEW DETACHED ADU w/ GARAGE PARKING BELOW

A000 COVER AND NOTES A001 U309 A100 ARCHITECTURAL SITE PLAN FLOOR PLANS A101

FLOOR PLANS A102 GARAGE / ADU A103 NORTH AND SOUTH ELEVATIONS A202 EAST AND WEST ELEVATIONS

BUILDING SECTIONS A301 **BUILDING SECTIONS** A302 WALL SECTIONS & DETAILS

TYPICAL DETAILS WINDOW SCHEDULES AND DETAILS **ROOFING DETAILS**

STRUCTURAL GENERAL NOTES S100 S110 TYP DETAILS

FOUNDATION PLAN AND DETAILS S200 S300 FRAMING PLAN FRAMING PLANS AND DETAILS S310 S400 FRONT OF HOUSE STEEL DETAILS

BACK OF HOUSE STEEL DETAILS S410 SHEAR WALL PLANS GARAGE PLANS S600

ARCHITECTURE

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1 ZONING REVIEW 10/10/21

20-027

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NOT FOR

REGULATORY

APPROVAL,

PERMITTING OR

Contact:

720.939.2792

Anthony J. Ries, AIA

anthony@mues.us

FOR PERMIT DATE: 10/17/21 DRAWN BY: CHECKED BY:

COVER AND

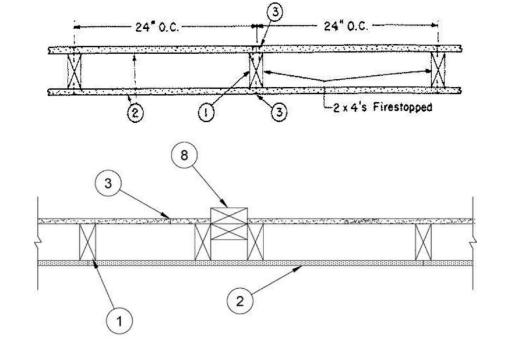
Design No. U309

October 06, 2020

Bearing Wall Rating — 1 Hr.

Finish Rating — See Items 2, 2A and 2B This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide <u>BXUV</u> or <u>BXUV7</u>

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. **Wood Studs** — Nom 2 by 4 in., spaced 24 in. OC effectively firestopped.

2. Gypsum Board* — 5/8 in. thick, 4 ft wide, applied either horizontally or vertically, nailed to studs and bearing plates with 6d cement coated nails min. 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads spaced 7 in. OC. Finish Rating 27 Min. When used in widths other than 48 in., gypsum board to be installed horizontally.

When Steel Framing Members* (Items 5 or any alternate clips) are used, wallboard attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.

THERMAFIBER INC — Type SAFB, SAFB FF

4D. Glass Fiber Insulation — (As an alternate to Item 4C) — 3 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall, attached to the 4 in. face of the studs with staples placed 24 in. OC. See Batts and Blankets (BKNV or BZJZ) Catagories for names of Classified

4E. Batts and Blankets* — (Required for use with Wall and Partition Facings and Accessories, Item 2A) — Glass fiber insulation, nom 3-1/2 in. thick, min. density of 0.80 pcf, with a flame spread of 25 or less and a smoke developed of 50 or less, friction-fitted to completely fill the stud cavities. See Batts and Blankets Category (BKNV) for names of

4F. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft³.

INTERNATIONAL CELLULOSE CORP — Celbar-RL

4G. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 4) — Spray-applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. To facilitate the installation of the material, any thin, woven or non-woven netting may be attached by any means possible to the outer face the studs. The material shall reach equilibrium moisture content before the installation of materials on either face of the studs. The minimum dry density shall be 5.79 lbs/ft3.

APPLEGATE HOLDINGS L L C — Applegate Advanced Stabilized Cellulose Insulation

5. Steel Framing Members* — (Optional, Not Shown) — Furring channels and Steel Framing Members as described

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in, and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Wallboard attached to furring channels as described in Item 2.

b. Steel Framing Members* — Used to attach furring channels (Item a) to studs (Item 1). Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 3-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.

PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75)

THAI GYPSUM PRODUCTS PCL — Type C

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

9F. Mineral and Fiber Board — (Optional, Not Shown) — For optional use as an additional layer on one side of wall -Nom 1/2 in. thick, 4 ft wide, square edge fiber boards applied vertically to studs on one side of the wall in between the wood studs and the UL Classified Gypsum Board (Item 2). Fiber boards installed with 1-1/4 in. long, Type W, bugle head, coarse thread gypsum board screws spaced 12 in. OC max, with the last screws spaced 2 in. and 6 in. from edge of board. Gypsum board (Item 2) installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

BLUE RIDGE FIBERBOARD INC — SoundStop

10. Wall and Partition Facings and Accessories* — (Optional, Not Shown) — For use with Item 1, Item 2, Item 3, Items 4, and Item 6. For maximum fire rating of 1 hour. On one side of the wall, over the first layer of Gypsum Board (Item 2), install RefleXor membrane with the gold side facing outwards. Membrane installed with T50 staples spaced 12 inches on center in both directions as per manufacturer's instructions, seams in membrane to be overlapped by 2 inches. When RefleXor membrane is used an additional layer of Gypsum Board that is identical to the first layer and as specified in Item 2 shall be installed over the membrane. Additional layer of Gypsum Board to be installed through the membrane to the stud as specified in Item 2 except the fastener length shall be increased by a minimum of 5/8 inch. Install Batts and Blankets in the stud cavity as per Item 4. On the other side of the wall prior to the installation of the Gypsum Board install Resilient Channels as per Item 6. Over the Resilient Channel install 3/4 inch thick SONOpan panel secured to the Resilient Channel with drywall screws and washers spaced at 16 in. OC on the perimeter of the panel and 8 in. OC in the field of the panel. Over the SONOpan panel install the same Gypsum Board as specified in Item 2 with the fastener length increased by minimum 3/4 inch. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

MSL — RefleXor membrane, SONOpan panel

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

When Item 6, resilient channels are used, 5/8 in. thick, 4 ft wide applied vertically. Screw attached furring channels with 1 in. long, self-drilling, self-tapping Type S or S-12 steel screws spaced 8 in. OC, vertical joints

AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, LightRoc

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1

CABOT MANUFACTURING ULC — Type X, 5/8 Type X, Type Blueglass Exterior Sheathing

CERTAINTEED GYPSUM INC — Type X, Type X-1, Types EGRG, GlasRoc, GlasRoc-2, Type C

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Types LGFC6A, LGFC2A, LGFC-C/A, LGCF-WD, LGLLX, CLLX

GEORGIA-PACIFIC GYPSUM L L C — Types 5, 6, 9, C, DAP, DD, DA, DAPC, DGG, DS, GPFS6, LS (finish rating 23 min), Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, TG-C, Type LWX, Veneer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing Type-LWX, Soffit-Type LWX, Type DGLW, Water Rated-Type DGLW, Sheathing Type- DGLW, Soffit-Type DGLW, Type LW2X, Veneer Plaster Base - Type LW2X, Water Rated - Type LW2X, Sheathing - Type LW2X, Soffit - Type LW2X, Type DGL2W, Water Rated - Type DGL2W, Sheathing - Type DGL2W

NATIONAL GYPSUM CO — Types -eXP-C, FSK, FSK-C, FSW, FSW-3, FSW-5, FSW-C, FSW-G, FSMR-C, FSW-6 (finish rating 20 min), FSL, FSW-8, RSX

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type C, PG-9, PG-11, PG-C, PGS-WRS, PGI

5A. Steel Framing Members* — (Optional, Not Shown, As an alternate to Item 5) — Furring channels and Steel

5B. **Steel Framing Members*** — (Optional, Not Shown, As an alternate to Item 5) — Furring channels and Steel

the channel. Gypsum board attached to furring channels as described in Item 2.

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC

perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are

As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-

overlapped 6 in, and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.

tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of

b. Steel Framing Members* — Used to attach furring channels (Item a) to studs. Clips spaced 48 in. OC. Genie

clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are

a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels

secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with

double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described

b. Steel Framing Members* — Used to attach furring channels (Item 5Ba) to studs. Clips spaced 48 in. OC.,

and secured to studs with 2 in, coarse drywall screw with 1 in, diam washer through the center hole. Furring

a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels

secured to studs as described in Item 5Cb. Ends of adjoining channels overlapped 6 in. and tied together with

double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described

b. Steel Framing Members* — Used to attach furring channels (Item 5Ca) to studs. Clips spaced 48 in. OC,

and secured to studs with No. 8×2 -1/2 in. coarse drywall screw through the center hole. Furring channels are

Last Updated on 2020-10-06

STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

5C. **Steel Framing Members*** — (Optional, Not Shown, As an alternate to Item 5) — Furring channels and Steel

PANEL REY S A — Types GREX, GRIX, PRC, PRC2, PRX, RHX, MDX, ETX

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

Framing Members as described below:

friction fitted into clips.

Framing Members as described below:

Framing Members as described below:

friction fitted into clips.

PLITEQ INC — Type Genie Clip

channels are friction fitted into clips.

THAI GYPSUM PRODUCTS PCL — Type X, Type C

2A. **Gypsum Board*** — (As an alternate to Item 2, Not Shown) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically to studs and bearing plates on one side of the assembly with 1-5/8 in. long Type S screws spaced 12 in. OC at perimeter of panels and 8 in. OC in the field. Horizontal joints of vertically applied panels need not be backed by studs. Panel joints covered with paper tape and two layers of joint compound. Screwheads covered with two layers of joint compound. Batts and Blankets placed in stud cavity as described in Item 4E. Not evaluated for use with Steel Framing Members, Furring Channels or Fiber, Sprayed.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 530 (finish rating 23 min)

2B. **Gypsum Board*** — (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with square edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in, long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last two screws 1 and 4 in. from edge of board or nailed to studs and bearing plates with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads spaced 7 in. OC. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.

GEORGIA-PACIFIC GYPSUM L L C — Type DGG, GreenGlass Type X (finish rating 23 min).

2C. Gypsum Board* — (As an alternate to Item 2) — 5/8 in. thick, 4 ft. wide, paper surfaced applied vertically only and secured as described in Item 2.

GEORGIA-PACIFIC GYPSUM L L C — Type X ComfortGuard Sound Deadening Gypsum Board (finish rating 27 min)

NATIONAL GYPSUM CO — Type SBWB

2D. **Gypsum Board*** — (As an alternate to Items 2 through 2C) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 2.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES

2E. Gypsum Board* — (As an alternate to Item 2) — 5/8 in. thick, 4 ft. wide, paper surfaced applied vertically or horizontally and secured as described in Item 2 or 2K.

Gypsum board attached to resilient channels as described in Item 3.

secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw.

KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

5D. Steel Framing Members* — (Optional, Not Shown, As an alternate to Item 5) — Resilient channels and Steel

a. Resilient Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs.

Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in

place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap.

b. Steel Framing Members* — Used to attach resilient channels (Item 5Da) to studs. Clips spaced 48 in. OC.,

5E. Steel Framing Members* — (Optional, Not Shown, As an alternate to Item 5) — Used as an alternate method to

attach resilient channels to wall studs. A resilient sound isolation accessory shall be used at each attachment point of

and attached with one accessory at each end. Additional accessories used to hold resilient channels that support the

the resilient channels and spaced max 24 in. O.C. Channel ends butted and centered under the structural member

gypsum board end joints. The accessory envelops the mounting edge of the resilient channel. The accessory and

resilient channel are fastened to the structural members with the screws supplied with the accessory and per the

5F Steel Framing Members* — (Optional, Not Shown, As an alternate to Item 5) — Furring channels and Steel

flange of the channel. Gypsum board attached to furring channels as described in Item 3.

a Furring Channels — Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. or 1-1/2 in. deep, spaced

24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels

are overlapped 6 in, and tied together with double strand of No. 18 SWG galv steel wire near each end of

self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each

overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two

b Steel Framing Members* — Used to attach furring channels (Item 5Fa) to studs. Clips spaced maximum 48

in. OC. Clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring

6. Furring Channel — Optional — Not Shown — For use on one side of the wall - Resilient channels, 25 MSG galv

steel, spaced vertically 24 in. OC, flange portion screw attached to one side of studs with 1-1/4 in. long diamond

and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are

CERTAINTEED GYPSUM INC — Type SilentFX

Framing Members as described below:

accessory manufacturer's installation instructions.

PAC INTERNATIONAL L L C — Type RC-1 Boost

channels are friction fitted into clips.

CLARKDIETRICH BUILDING SYSTEMS — Type ClarkDietrich Sound Clip

Framing Members as described below

2F. Gypsum Board* — (As an alternate to 5/8 in. Type FSW in Item 2) — 2 layers nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Horizontal joints on the same side need not be staggered. Inner layer attached with fasteners, as described in item 2, spaced 24 in. OC. Outer layer attached per Item 2.

NATIONAL GYPSUM CO — Type FSW

2G. Gypsum Board* — (As an alternate to Item 2) — 5/8 in. thick, 4 ft. wide, applied vertically or horizontally with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Secured as described in Item 2 or 2K.

CERTAINTEED GYPSUM INC — 5/8" Easi-Lite Type X

THAI GYPSUM PRODUCTS PCL — 5/8" Easi-Lite Type X

2H. Wall and Partition Facings and Accessories* — (As an alternate to Item 2) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 2.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527.

21. **Gypsum Board*** — (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in, long Type W coarse thread gypsum panel steel screws spaced a maximum 10 in. OC with the last two screws 4 and 1 in. from the edges of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC6A (finish rating 21 min), Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLLX

2J. **Gypsum Board*** — (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing as described in Item 2 or with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths of other than 48 in., gypsum boards are to be installed horizontally. When square edge boards are used joint treatment, Item 3, may be omitted.

shaped point, double lead Phillips head steel screws. When resilient channels are used, insulation, Items 4C or 4D is

7. Wall and Partition Facings and Accessories* — (Optional, Not Shown) — Nominal 1/2 in. thick, 4 ft wide panels,

manufacturer's recommendations. When the QR-500 or QR-510 panel is installed between the wood framing and the

UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to

fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not

8. Non-Bearing Wall Partition Intersection — (Optional) — Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud

nailed together with two 3in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the

minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max 16 in. OC. vertically. Intersection between partition

wood studs to be flush with the 2 by 4 in, studs. The wall partition wood studs are to be framed by with a second 2 by

4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall

9. Mineral and Fiber Board* — (Optional, Not Shown) — For optional use as an additional layer on one side of wall.

Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with 2 in. long Type W steel screws, spaced 12 in, OC, The required UL Classified gypsum board layer(s) is/are to be installed as

indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of

9A. **Mineral and Fiber Board*** — (Optional, Not Shown) — For use with Items 9B-9E) — For optional use as an

additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs.

Attached to framing with minimum 1-3/8 in. long ring shanked nails or 1-1/4 in. long Type W steel screws, spaced 12

in. OC along board edges and 24 in. OC in field of board along intermediate framing. Not evaluated or intended as a

9B. Glass Fiber Insulation — (For use with Item 9A) — 3-1/2 in, thick glass fiber batts bearing the UL Classification

9C. Batts and Blankets* — (As an alternate to Item 9B, For use with Item 9A), 3 in. thick mineral wool batts, placed to

Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall. See Batts and Blankets

fill interior of wall, attached to the 3-1/2 in. face of the studs with staples placed 24 in. OC.

1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

ection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the dept

for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with

evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-500 and QR-510

AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C

HOMASOTE CO — Homasote Type 440-32

HOMASOTE CO — Homasote Type 440-32

substitute for the required layer(s) of UL Classified Gypsum Board.

(BKNV or BZJZ) categories for names of Classified companies.

NATIONAL GYPSUM CO — Type FSK, Type FSK-G, Type FSW, Type FSW-3, Type FSW-5, Type FSW-G, Type FSK-C, Type FSW-C, Type FSMR-C, Type FSW-6, Type FSL

2K. Gypsum Board* — (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1/2 in. from edge of board. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.

CERTAINTEED GYPSUM INC — Type X, Type X-1, Types EGRG, GlasRoc, GlasRoc-2, Type C

3. Joints and Fastener Heads — Wallboard joints covered with paper tape and joint compound. Fastener heads covered with joint compound. Gypsum plaster not more than 1/8 in, thick may be applied over the wallboard in addition to the specified joint treatment

4. Batts and Blankets* — (Not Shown) — Optional glass fiber insulation.

CERTAINTEED CORP

JOHNS MANVILLE OWENS CORNING

4A. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft³. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft³, in accordance with the application instructions supplied with the product. When Item 5 is used, Fiber, Sprayed shall be INS735, INS745, INS750LD, INS765LD or INS773LD.

U S GREENFIBER L L C — INS735, INS745 and INS750LD for use with wet or dry application. INS515LD, INS541LD, INS735, INS745, INS765LD, and INS773LD are to be used for dry application only

4B. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.

NU-WOOL CO INC — Cellulose Insulation

4C. Batts and Blankets* — Required for use with resilient channels, Item 6, 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the 4 in. face of the studs with staples placed 24 in. OC. ROCKWOOL — Type SAFEnSOUND

Contact:

720.939.2792

Anthony J. Ries, AIA

anthony@mues.us

ROCKWOOL — Type SAFEnSOUND

THERMAFIBER INC — Type SAFB, SAFB FF

9D. Adhesive — (For use with Item 9A) — Construction grade adhesive applied in vertical, serpentine, nominal 3/8 in. wide beads down the length of both vertical edges of Mineral and Fiber Board (Item 9A).

(Item 9A) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 9A). Secured to outermost studs and bearing plates with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound. Finish

AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type FRPC, Type C

CGC INC — Types C, IP-X2, IPC-AR

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C.

PANEL REY S A — Types PRC, PRC2

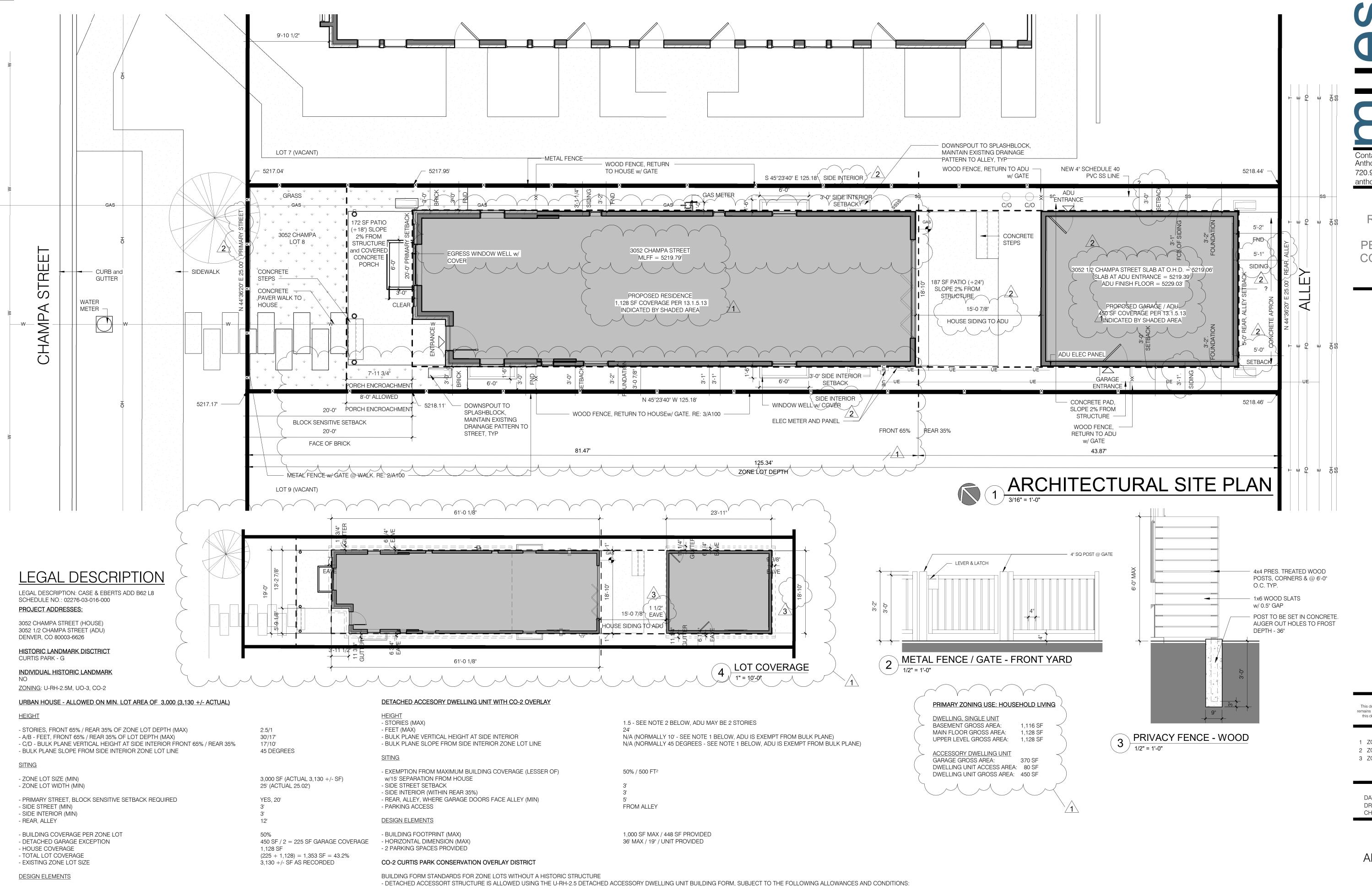
9E. Gypsum Board* — (For use with Item 9A) — 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board

NATIONAL GYPSUM CO — Types FSK-C, FSW-C

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FOR PERMIT DRAWN BY: CHECKED BY:



THE STRUCTURE SHALL BE EXEMPT FROM THE BULK PLANE,

THE STRUCTURE MAY EXCEED THE MAXIMUM HEIGHT IN STORIES NOT TO EXCEED TWO STORIES,

THE DESIGN AND LOCATIONS SHALL BE APPROVED BY THE LANDMARK PRESERVATION COMMISSION BEFORE FINAL APPROVAL OF A ZONING PERMIT.

THE STRUCTURE SHALL BE LOCATED IN THE REAR ONE-HAF OF THE ZONE LOT, AND

PROHIBITED IN REAR 35%

ENTRY FEATURE

ABOVE 25', WITHIN 10' OF PRIMARY

- ATTACHED GARAGE ALLOWED

- UPPER STORY STEPBACK

- ROOFTOP & SECOND STORY DECK

- PEDESTRIAN ACCESS, PRIMARY STREET

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anthony@mues.us

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10/17/21

HOME and ADU

3052 CHAMPA STREET (HOME)

2052 1/2 CHAMPA STREET (ADU)

DENVER CO 80205

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ZONING REVIEW 10/10/21
 ZONING REVIEW 11/15/21
 ZONING REVIEW 11/29/21

FOR PERMIT

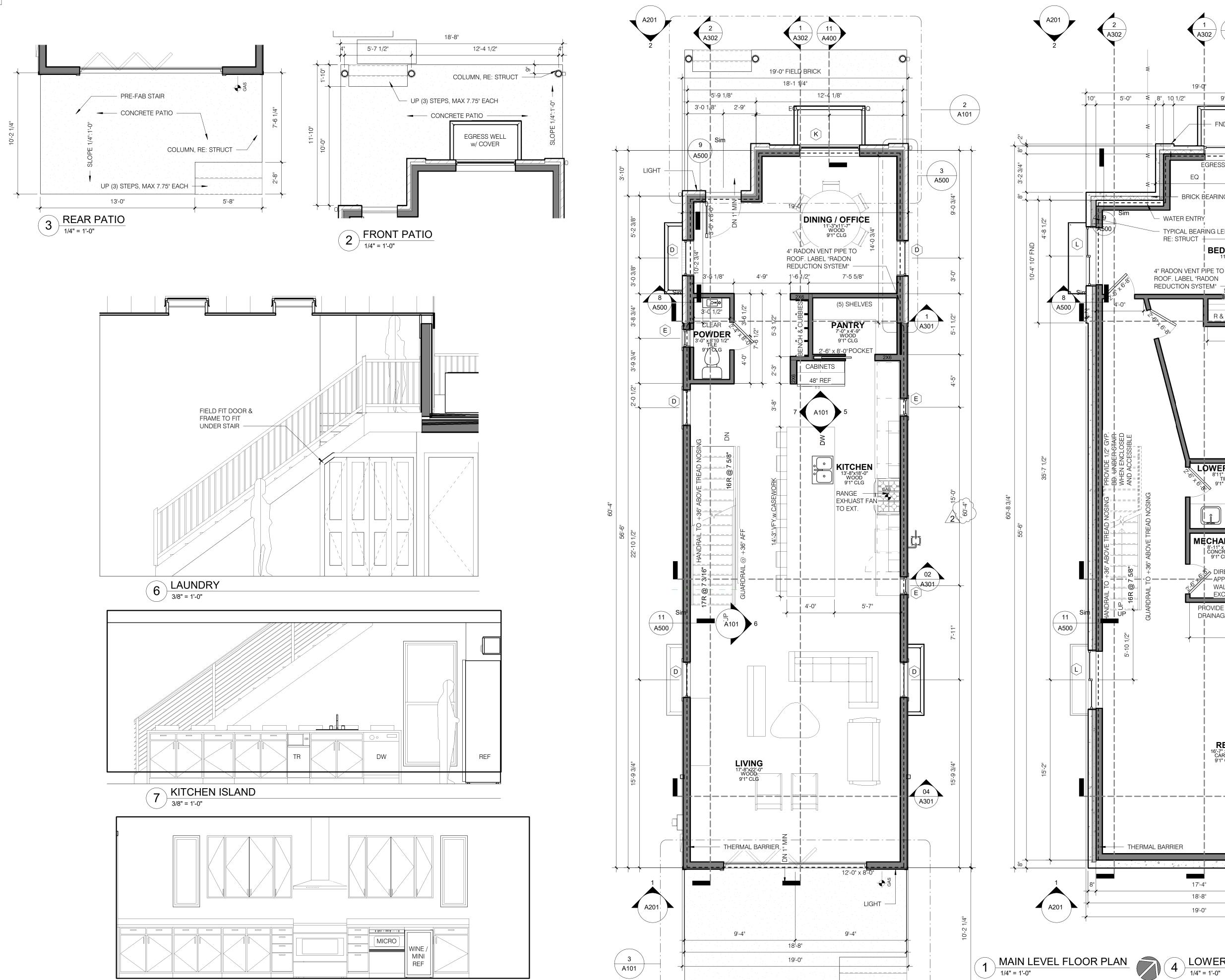
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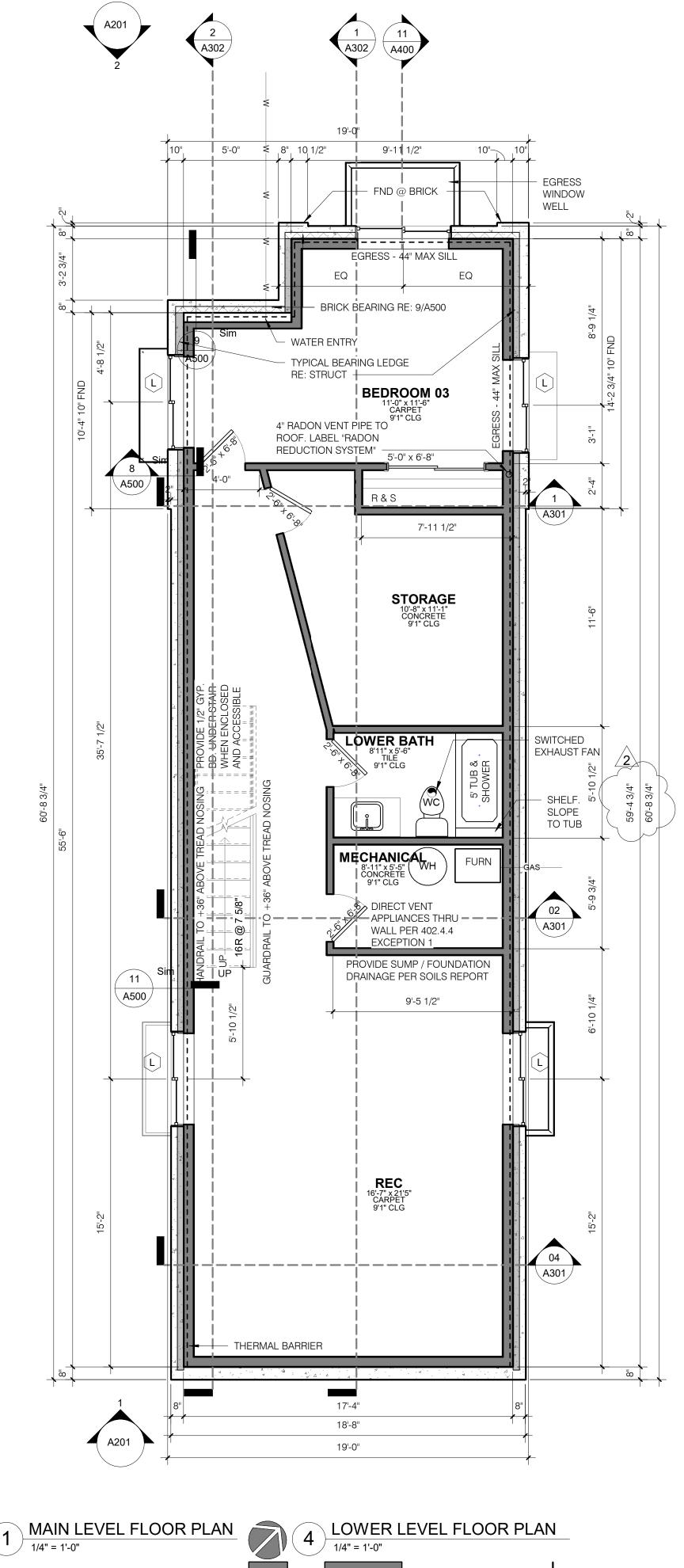
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ARCHITECTURAL SITE PLAN

A100



5 KITCHEN EXTERIOR WALL
3/8" = 1'-0"



FLOOR PLANS

20-027

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10/17/21

AJR

DATE:

DRAWN BY:

CHECKED BY:

215 South V Suite 300, Lakewood,

Contact: Anthony J. Ries, AIA

anthony@mues.us

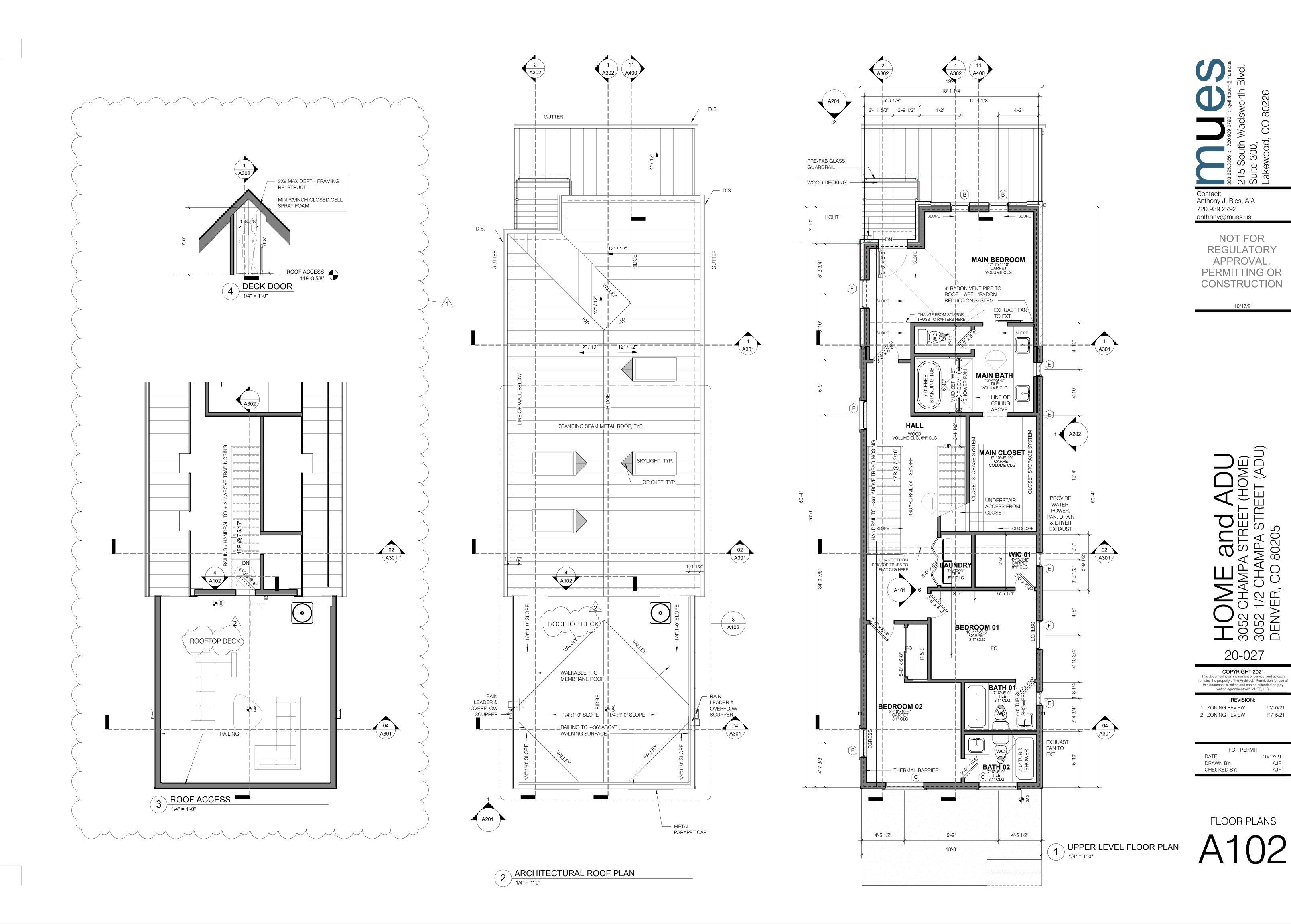
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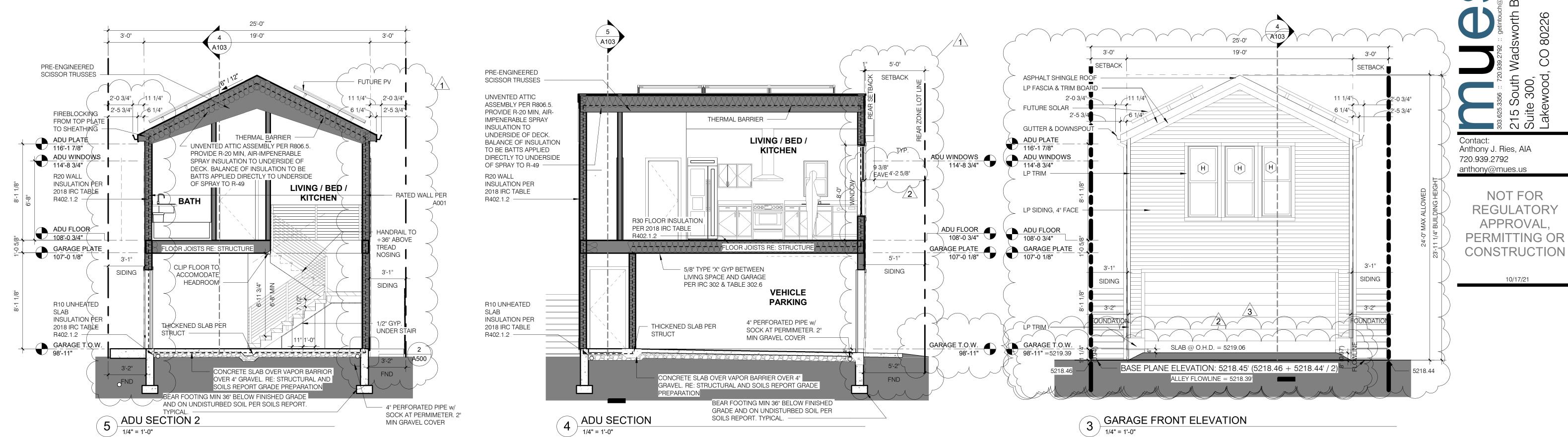
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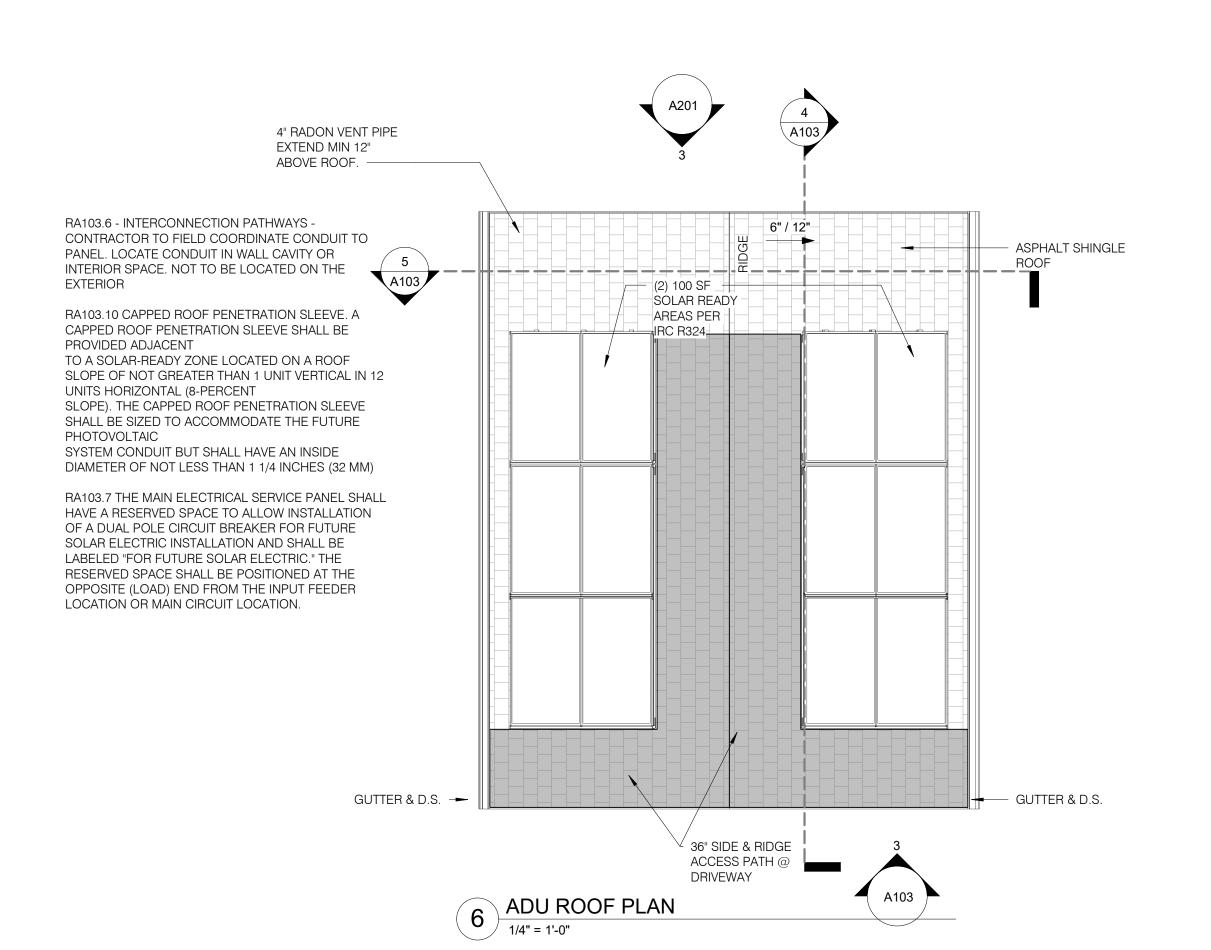
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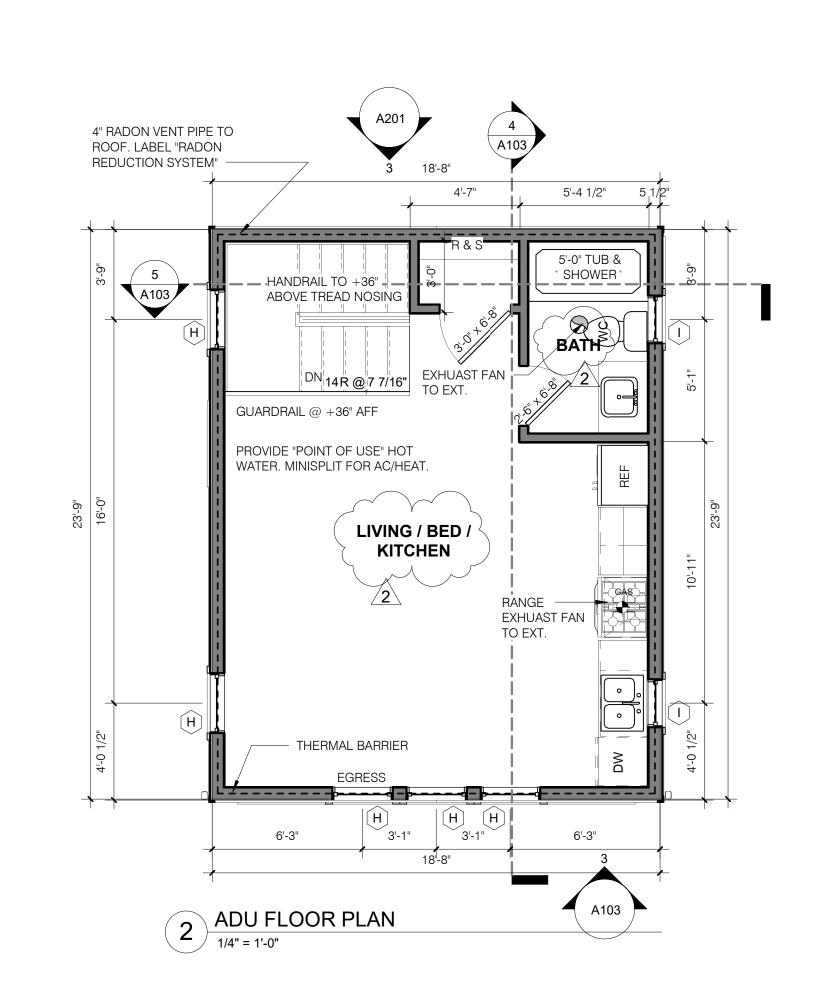
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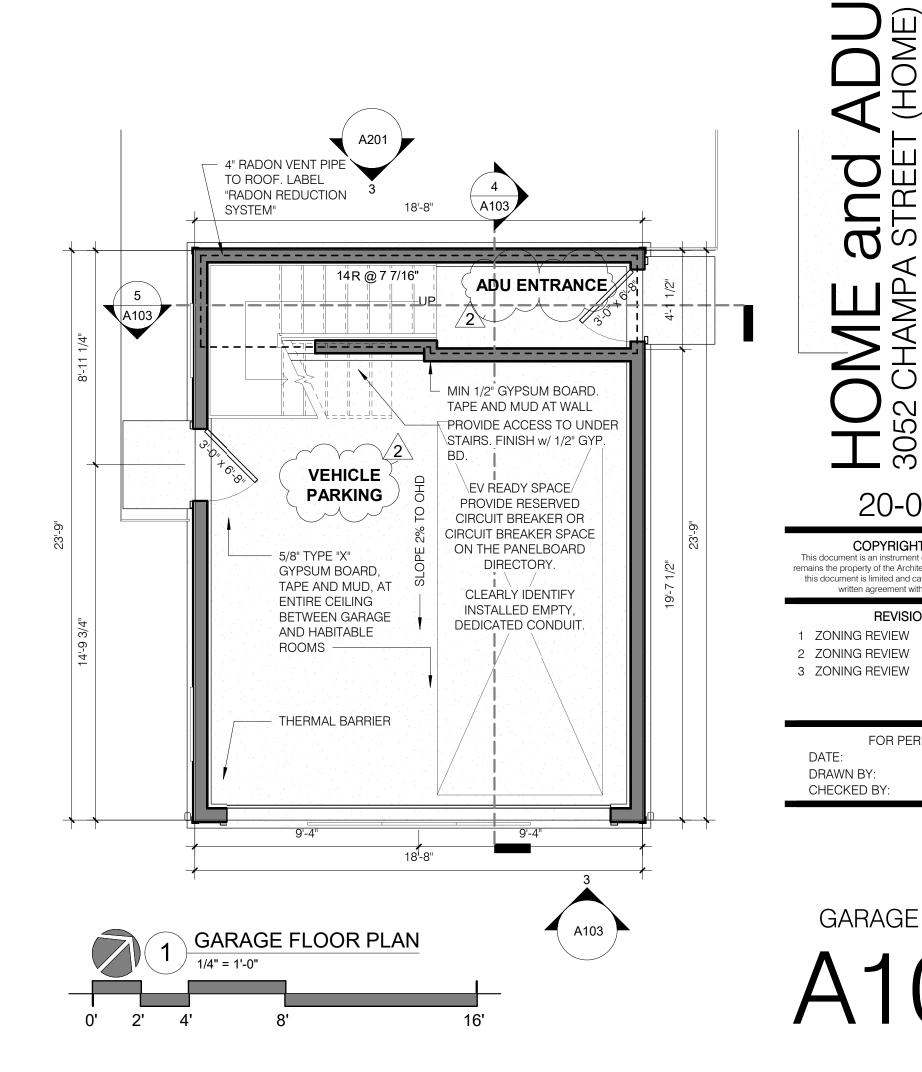
720.939.2792











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AJR

AJR

GARAGE / ADU

ELEVATION / SECTION NOTES

BUILDER TO PROVIDE FLASHING AND/OR CAULKING AS PER MANUFACTURERS SPECIFICATIONS AT ALL DOORS AND WINDOWS.

BUILDER TO PROVIDE FLASHING AND/OR CAULKING PER MANUFACTURER'S SPECIFICATIONS AT ALL DOORS AND WINDOWS.

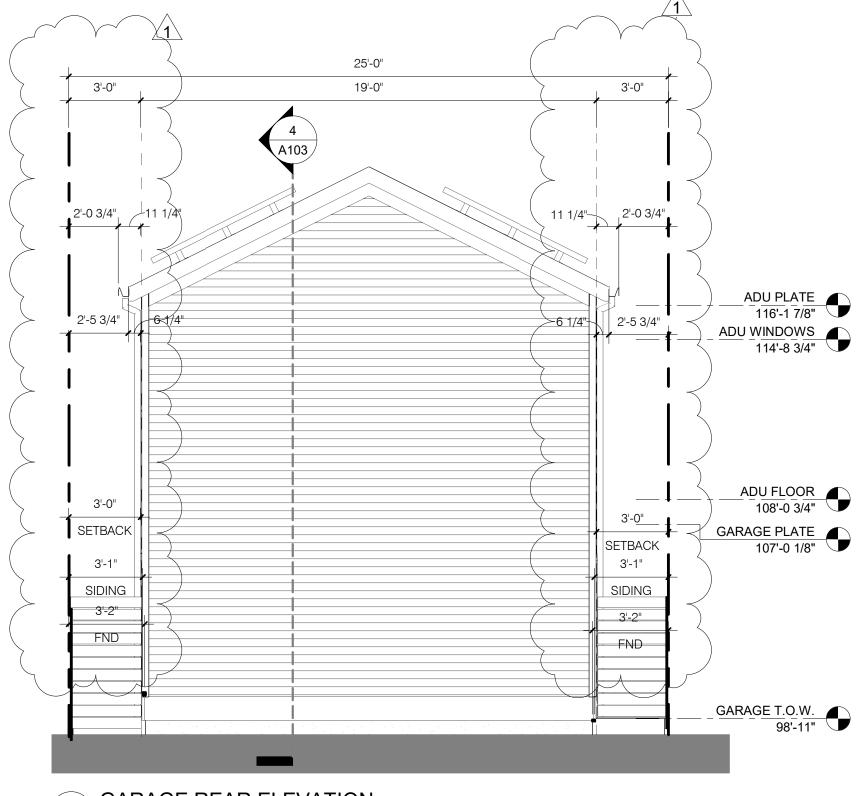
BUILDER TO PROVIDE WEATHER BARRIER BETWEEN SIDING AND SHEATHING AS PER MANUFACTURER'S RECOMMENDATIONS.

CLEARANCE FROM GROUND TO SIDING SHALL COMPLY WITH THE I.R.C. AND ALL LOCAL AMENDMENTS.

PROVIDE FLASHING, CAULKING OR OTHER MEANS AS NECESSARY TO PREVENT MOISTURE PENETRATION AT ALL THE MATERIAL TRANSITIONS. WEATHER BARRIER BETWEEN EXTERIOR FINISH MATERIAL AND SHEATHING PER MANUFACTURER'S RECOMMENDATIONS.

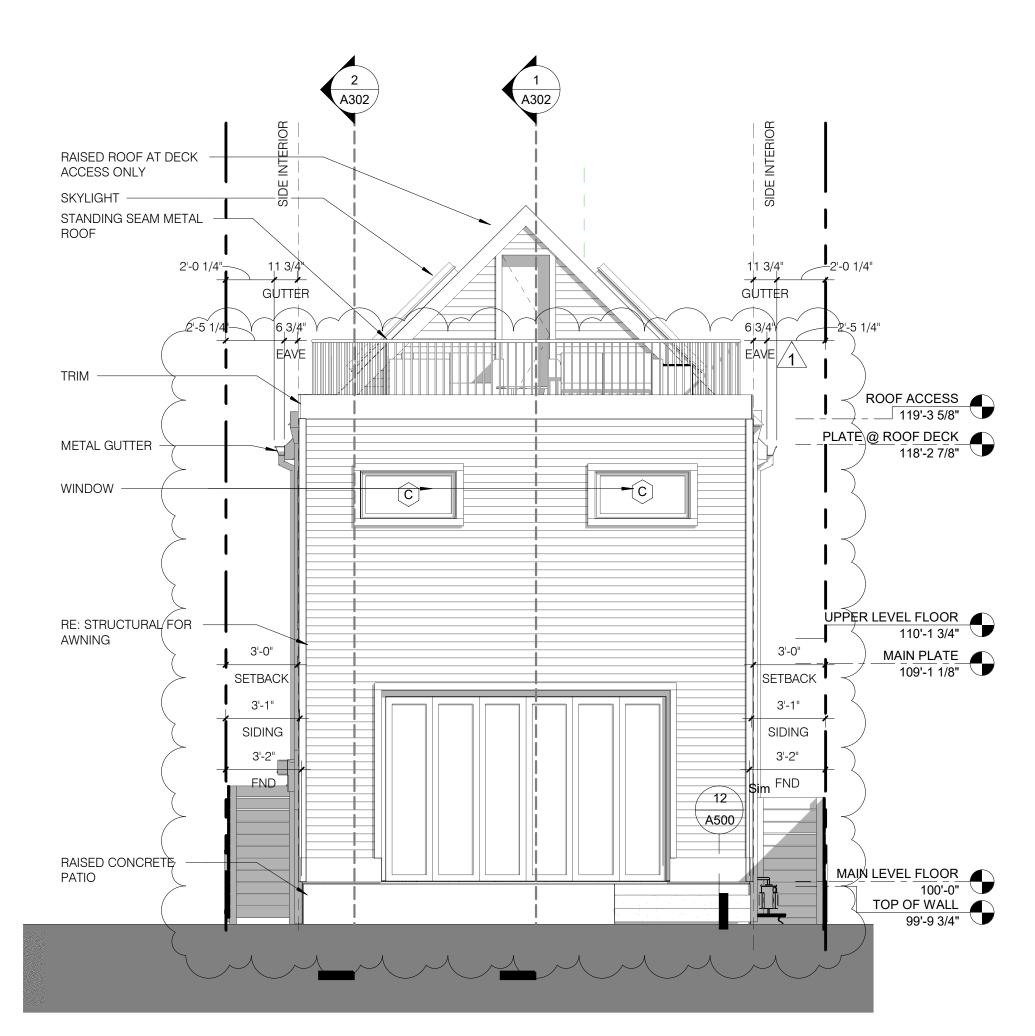
BACKPRIME AND PRIME CUT EDGES OF TRIM MATERIAL.

PROVIDE FOUNDATION DRAINAGE PER CODE AND GEOTECHNICAL REPORT REQUIREMENTS

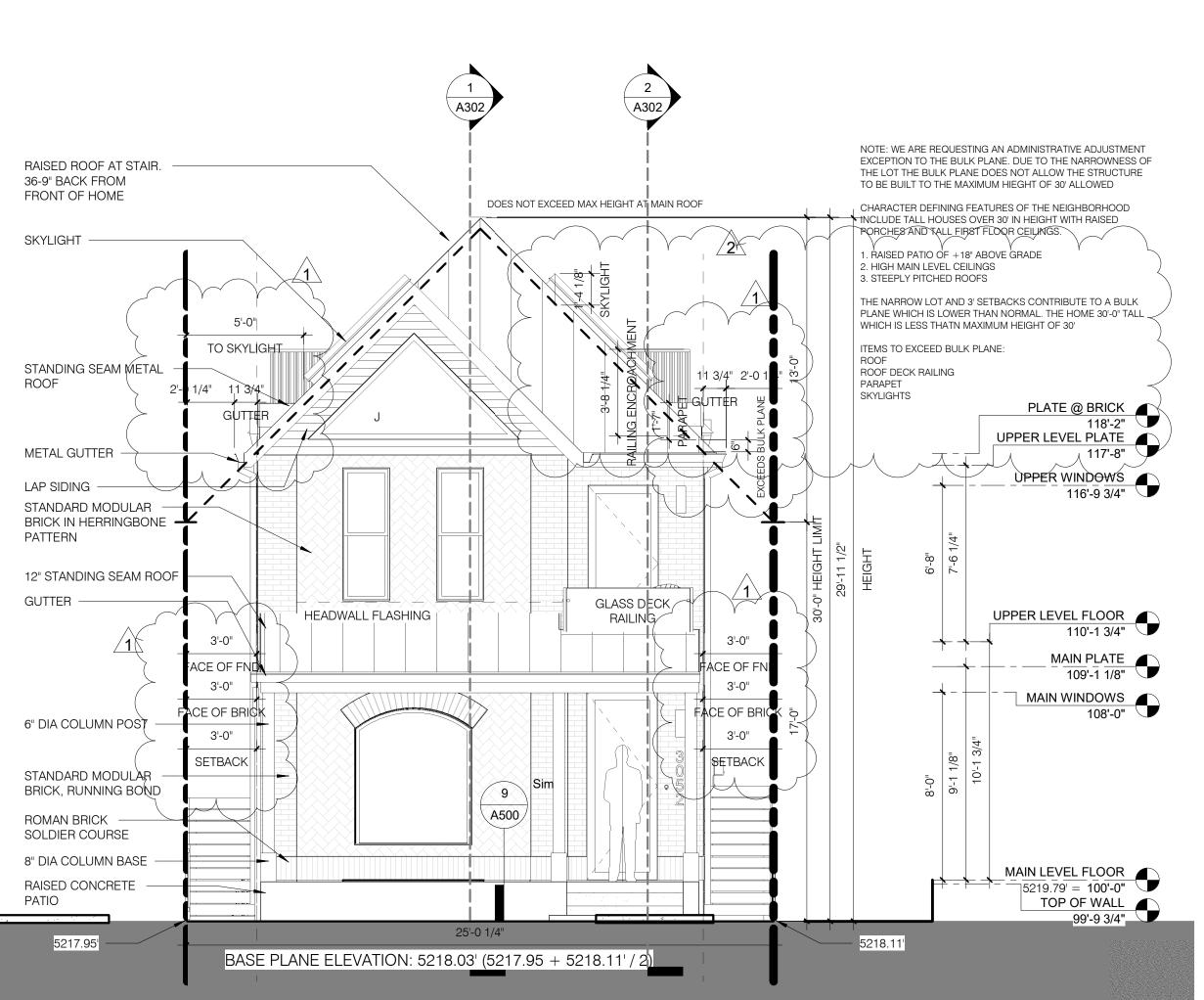


GARAGE REAR ELEVATION

1/4" = 1'-0"







FRONT (NORTH) ELEVATION

NOTE: REFER TO STAMPED APPROVED LANDMARK PLANS FOR ADDITIONAL INFORMATION INCLUDING BUT NOT LIMITED TO:

MATERIALS
COLORS
PRODUCT SPECIFICATIONS
DETAILING

COMPLIANCE WITH LANDMARK IS REQUIRED FOR CERTIFICATE OF OCCUPANCY.

Contact:
Anthony J. Ries, Alexandre, Co 80226

Lakewood, CO 80226

Lakewood, CO 80226

anthony@mues.us

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HOME and ADU 3052 CHAMPA STREET (HOME) 3052 1/2 CHAMPA STREET (ADU) DENVER, CO 80205

20–027

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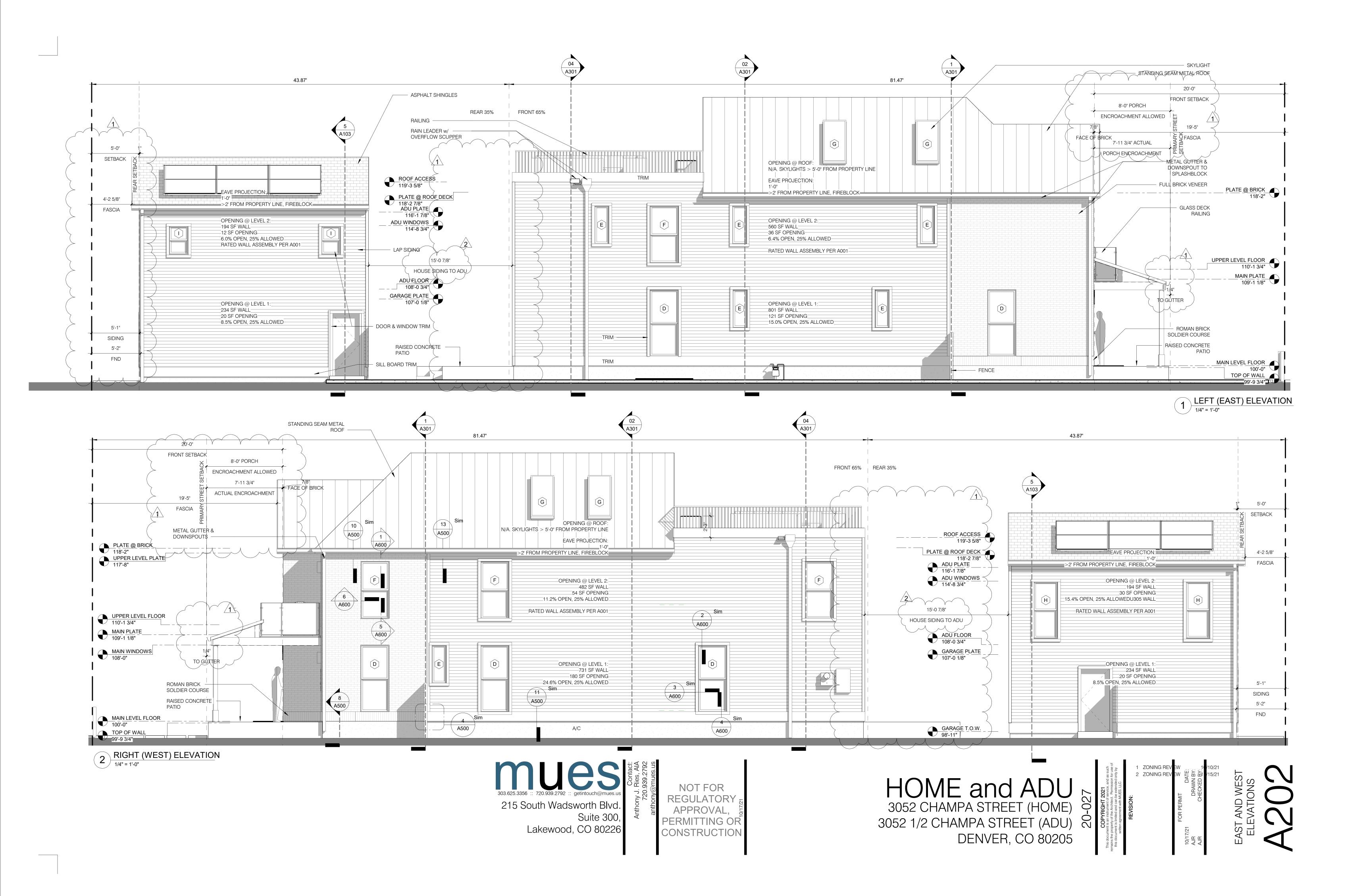
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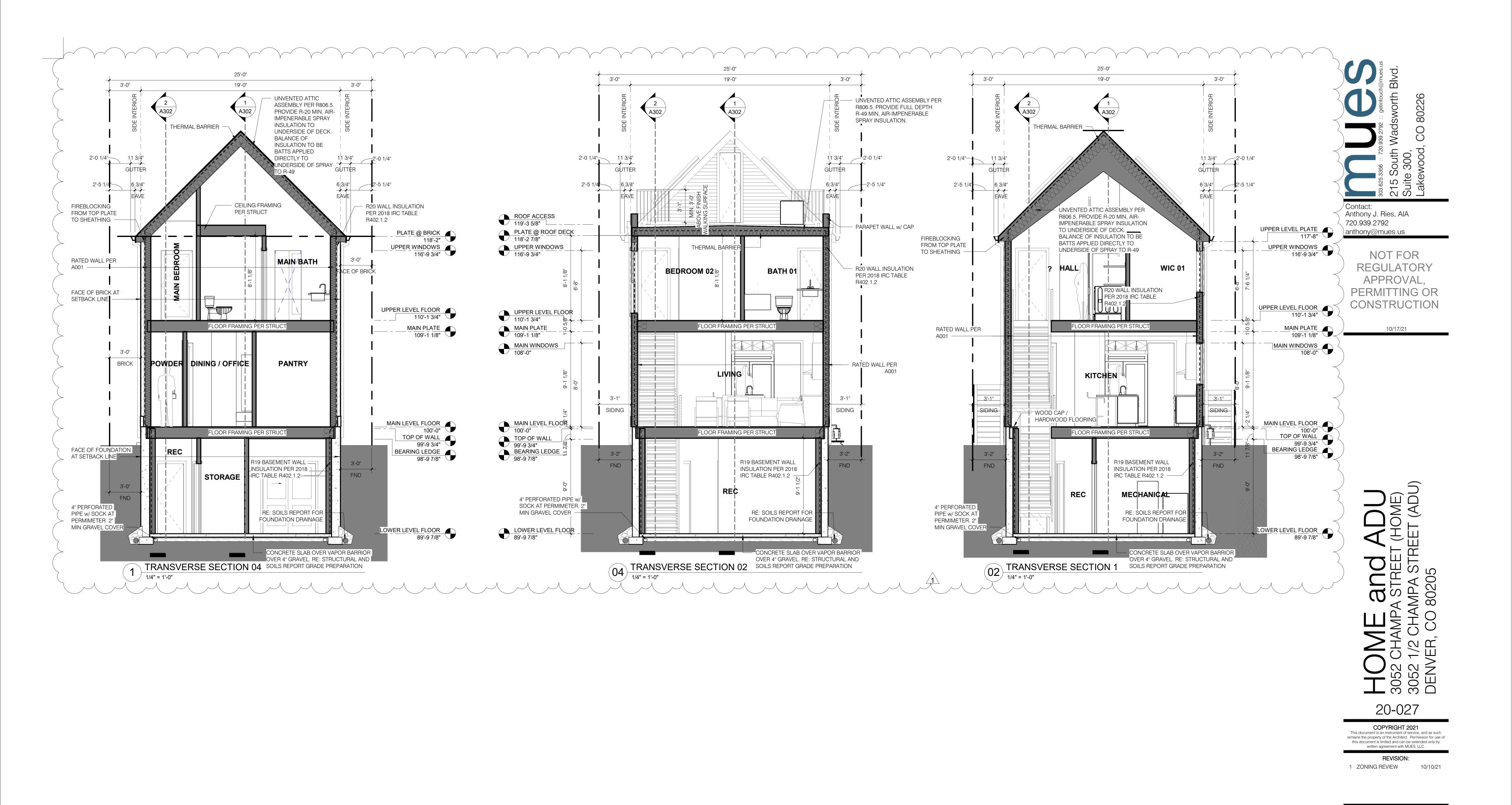
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NORTH AND SOUTH ELEVATIONS

A201





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BUILDING

DATE:

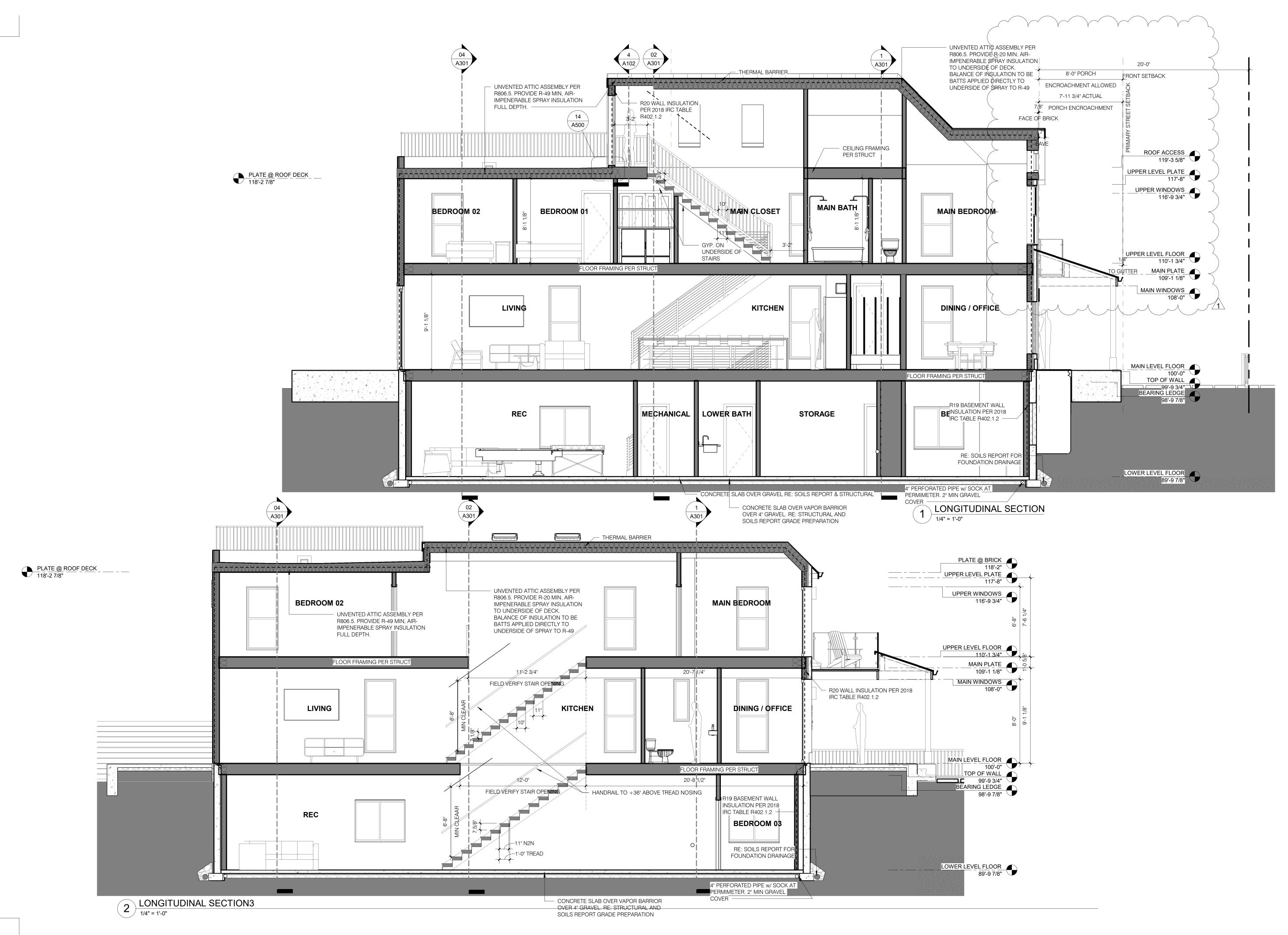
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SECTIONS A30



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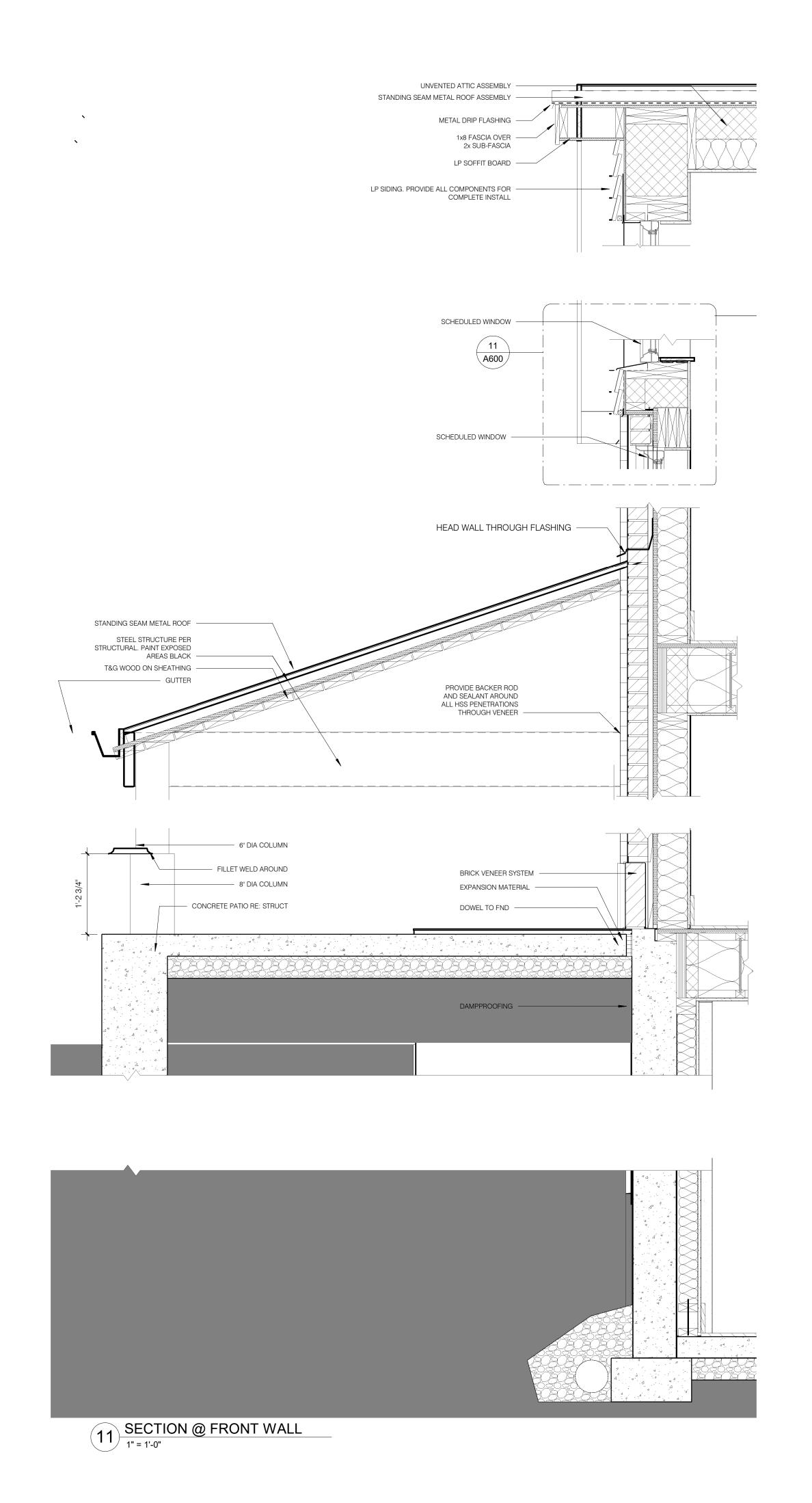
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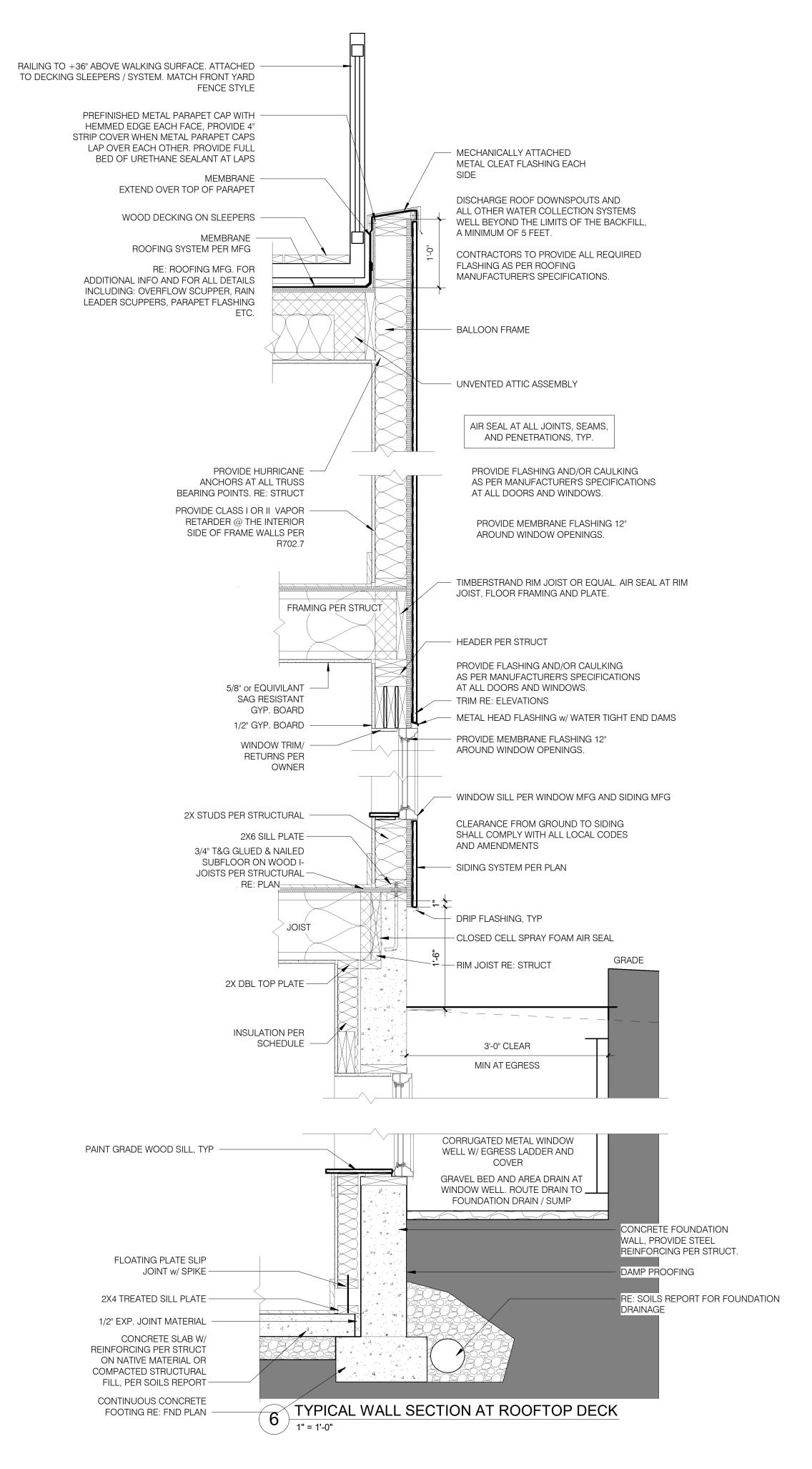
Contact:

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anthony@mues.us

720.939.2792







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10/17/2

DENIVER CO 2005

TOWER AND ADU

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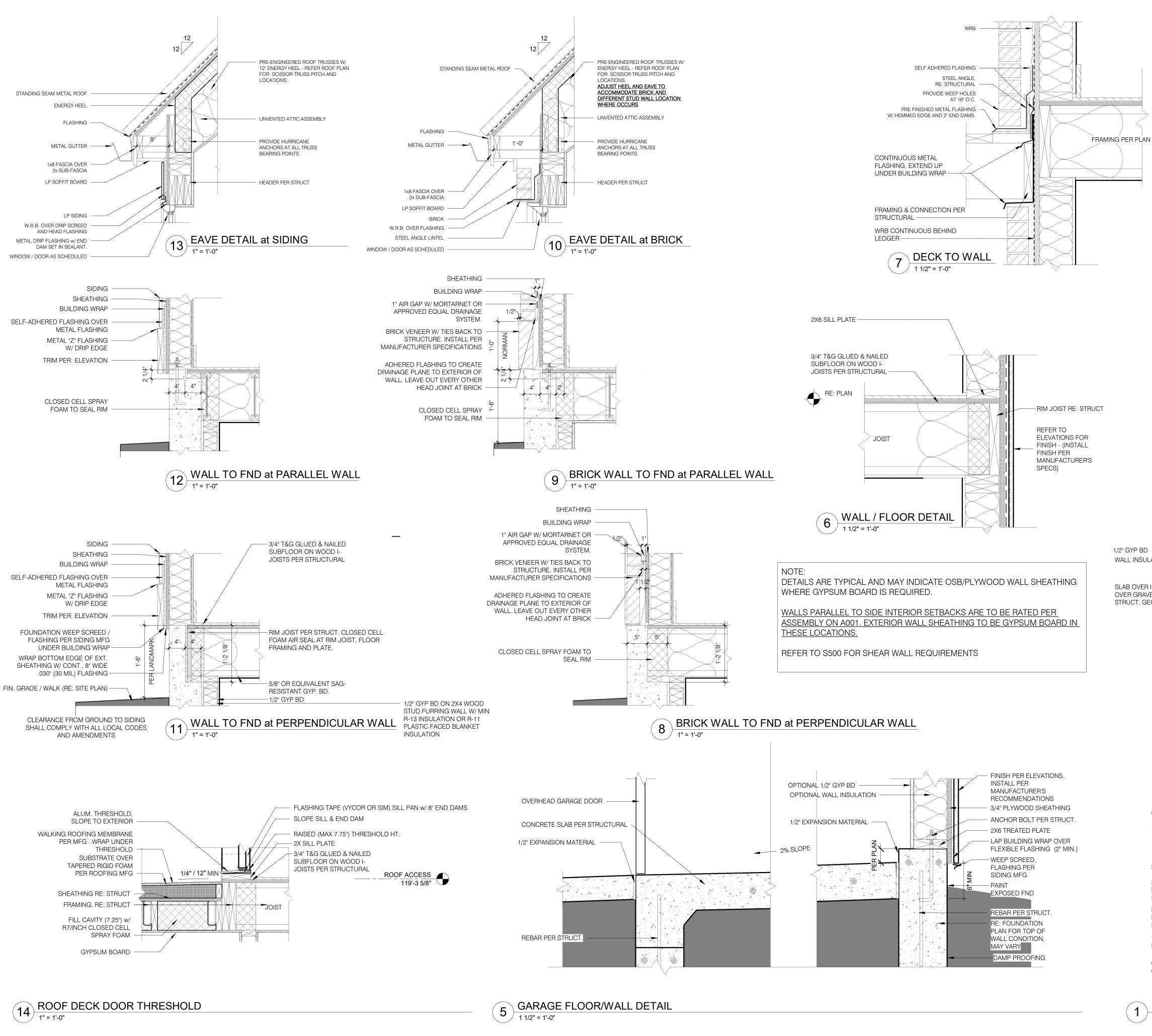
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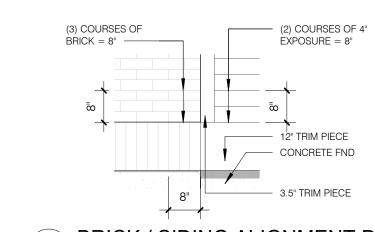
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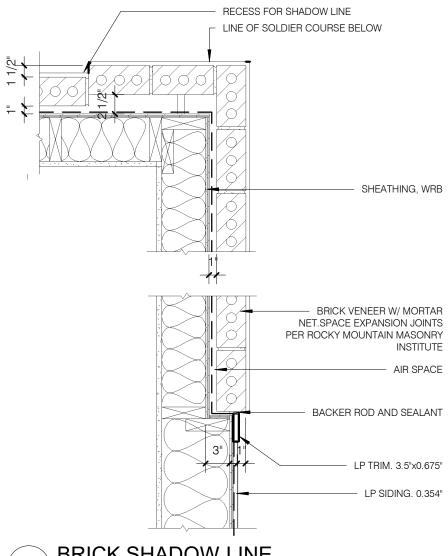
WALL SECTIONS & DETAILS

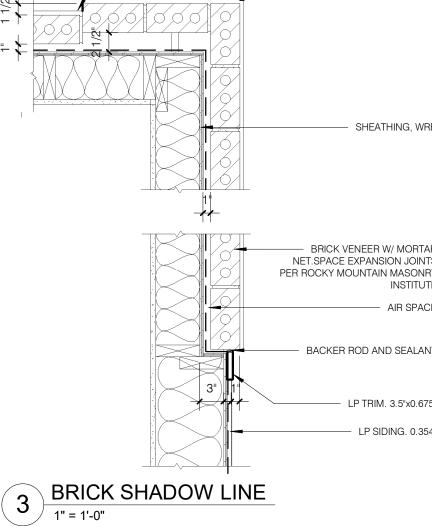
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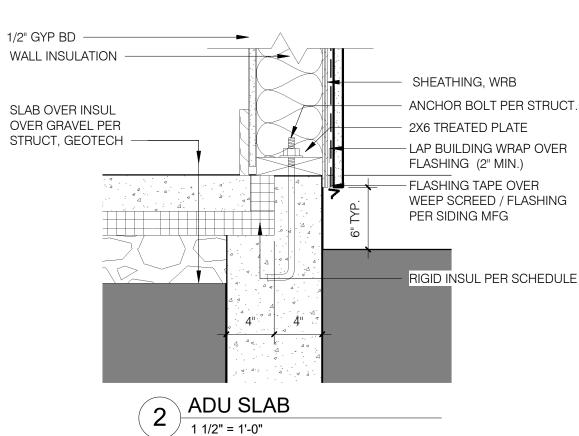


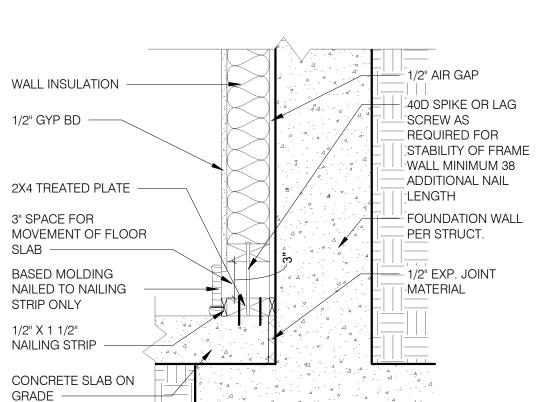


BRICK / SIDING ALIGNMENT DETAIL









FLOATING PLATE DETAIL 1 1/2" = 1'-0"

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\ STREET
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anthony@mues.us

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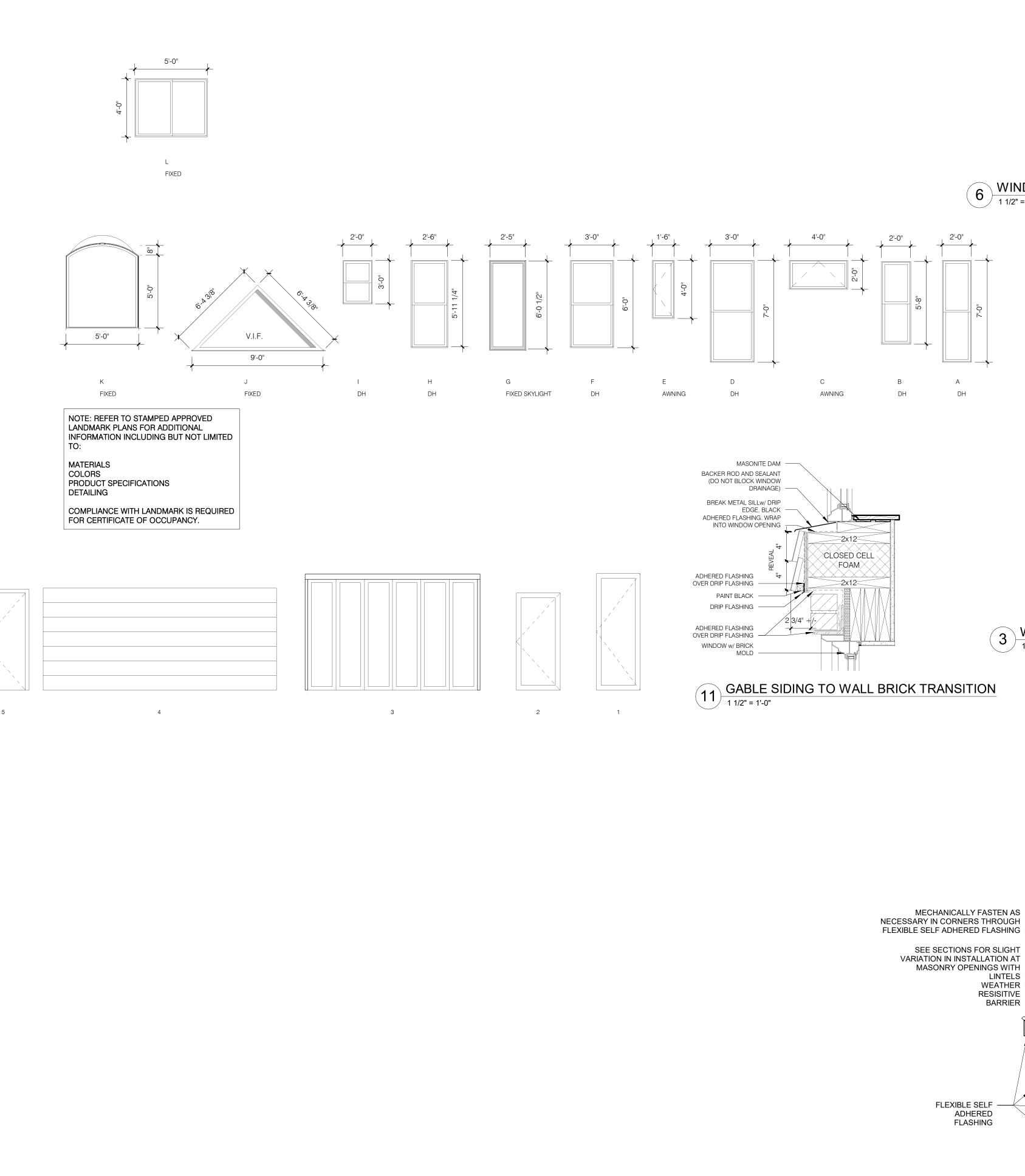
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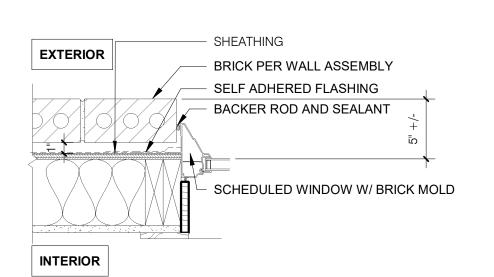
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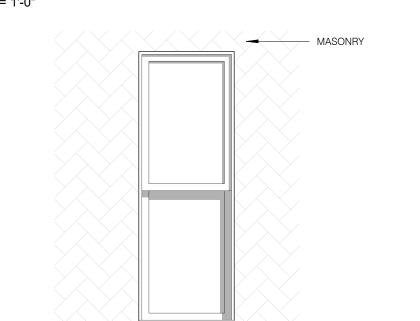
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TYPICAL DETAILS

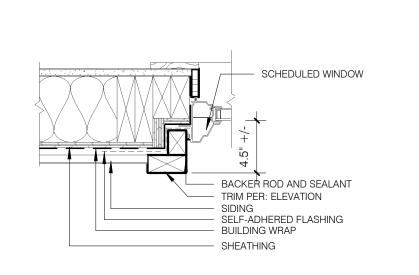




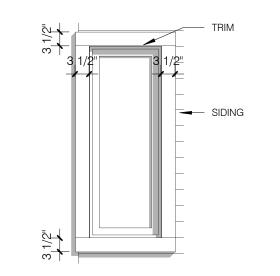




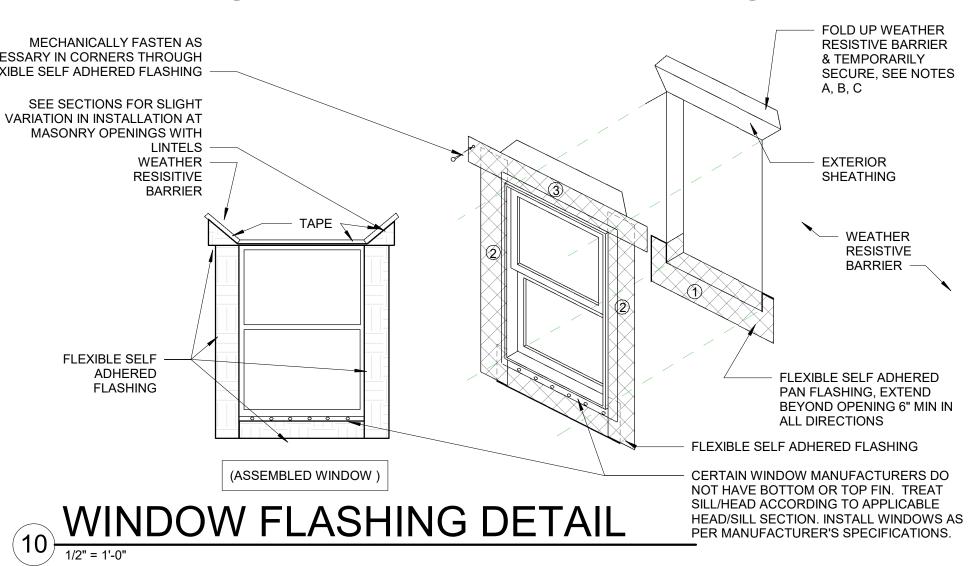


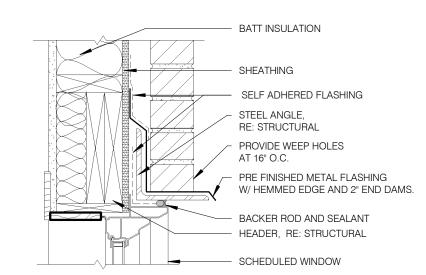


3 WINDOW JAMB @ SIDING Copy 1

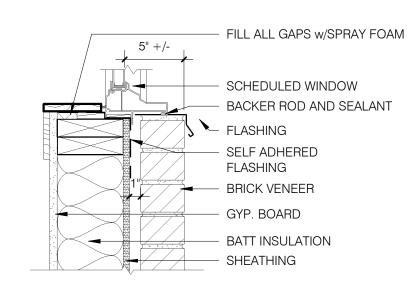


WINDOW @ SIDING Copy 1

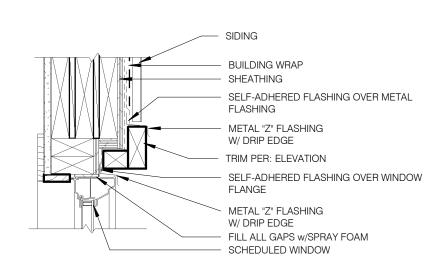




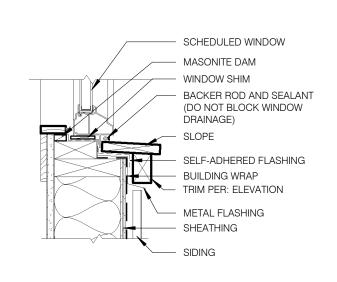
WINDOW HEAD @ BRICK Copy 1 1 1/2" = 1'-0"





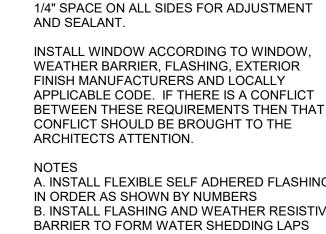


WINDOW HEAD @ SIDING Copy 1



4 WINDOW SILL @ SIDING Copy 1

HEAD/SILL SECTION. INSTALL WINDOWS AS PER MANUFACTURER'S SPECIFICATIONS.



ROUGH OPENING SHOULD BE SIZED

ACCORDING TO MANUF. INSTRUCTIONS, MIN

A. INSTALL FLEXIBLE SELF ADHERED FLASHING B. INSTALL FLASHING AND WEATHER RESIST BARRIER TO FORM WATER SHEDDING LAPS FROM TOP TO BOTTOM BY INSTALLING AT T BOTTOM FIRST AND WORKING UP. C. USE 12" MIN. STRIPS OF SELF ADHERED FLASHING WHERE FLASHING FOLDS BACK II OPENING. 9" MIN. STRIPS WHERE IT IS INSTALLED OVER FIN.

HEAD FLASHING TIE-IN INSTRUCTIONS:

A. CUT, FOLD UP & TEMPORARILY SECURE WEATHER RESISTIVE BARRIER ABOVE HEADER TO ALLOW FOR FLASHING INSTALLATION

B. INSTALL FLEXIBLE SELF ADHERED FLASHING HEAD FLASHING UNDER WEATHER RESISTIVE BARRIER

C. FOLD WEATHER RESISTIVE BARRIER BACK OVER HEAD FLASHING AND SEAL WITH TAPE



Contact: Anthony J. Ries, AIA 720.939.2792 anthony@mues.us

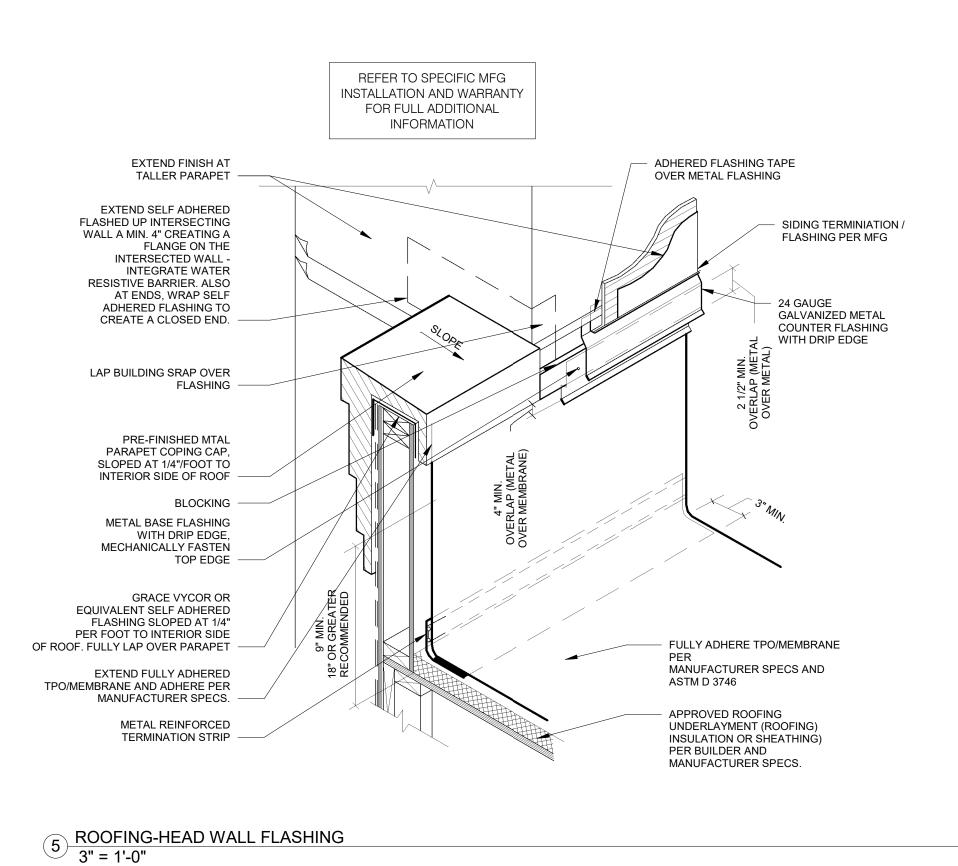
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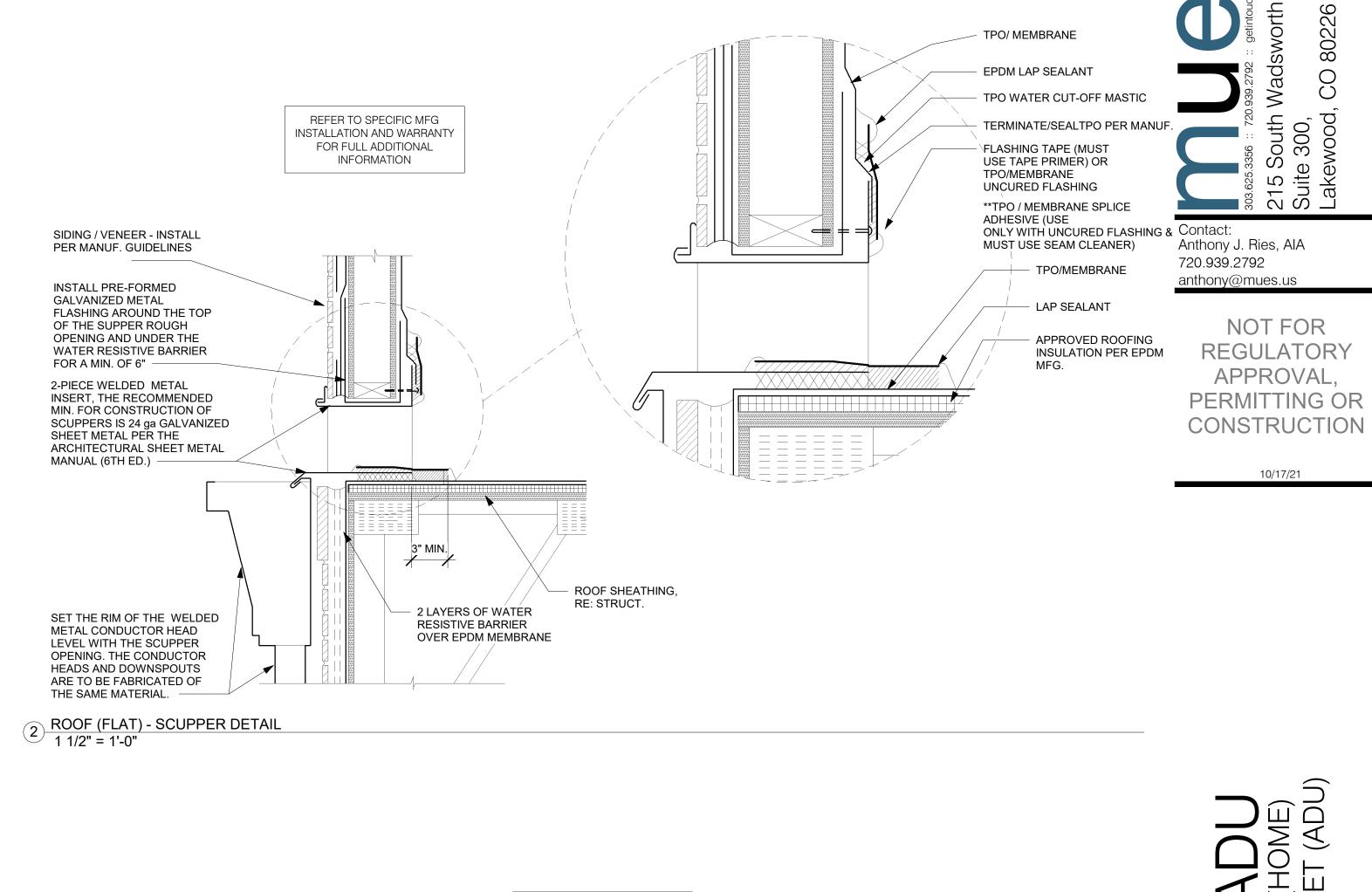
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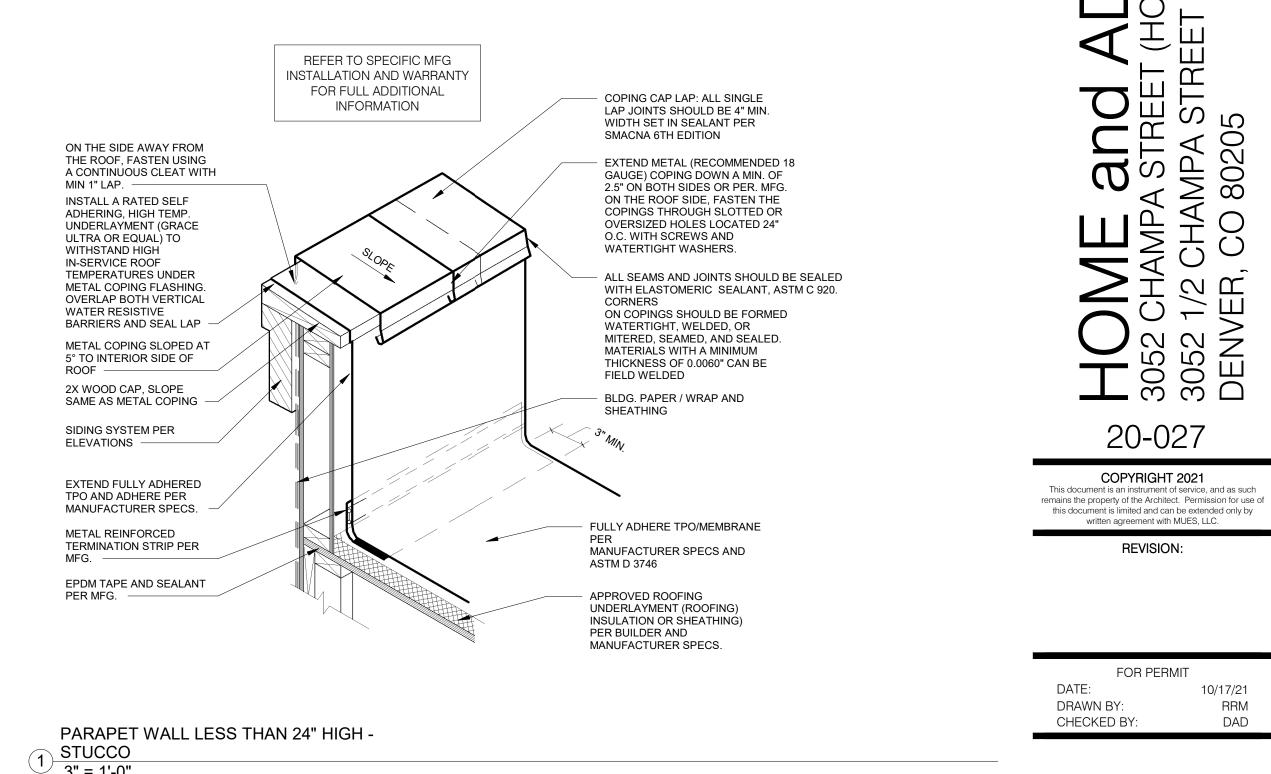
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ГНЕ	DATE: DRAWN BY:	10/17/21 AJR
INTO —	CHECKED BY:	AJR
		_

WINDOW SCHEDULES AND DETAILS







NOTE: WHEN USING UNCURED TPO FLASHING, SPLICE ADHESIVE AND SEAM CLEAR ARE REQUIRED. WHEN USING FLASHING TAPE, TAPE PRIMER IS REQUIRED TO PREP ALL SURFACES TO WHICH THE FLASHING TAPE WILL BE APPLIED.

OUTSIDE CORNER FLASHING DETAIL

1" = 1'-0"

STEP NO. 1

REFER TO SPECIFIC MFG
INSTALLATION AND WARRANTY

FOR FULL ADDITIONAL

INFORMATION

NOTE: WHEN USING UNCURED TPO FLASHING, SPLICE ADHESIVE AND SEAM CLEANER ARE REQUIRED. WHEN

USING FLASHING TAPE, TAPE PRIMER IS REQUIRED TO

PREP ALL SURFACES TO WHICH THE FLASHING TAPE WILL

LAP SEALANT

TPO FLASHING STEP NO. 2

BE APPLIED. SPLICE ADHESIVE IS REQUIRED TO ADHERE

MEMBRANE CUT AT CORNER (DO

NOT WRAP AROUND CORNER)

9" X 12" CORNER PIECE (MIN.) OF

LAP SEALANT

UNCURED TPO FLASHING

(FLASHING MUST EXTEND

VERTICALLY TO POINT OF

TERMINATION)

TPO/MEMBRANE

MEMBRANE FLASHING

VERTICALLY TO POINT

MIN. WHERE POSSIBLE

LAP SEALANT APPLIED 🔎

AROUND ENTIRE

4 INSIDE CORNER 1" = 1'-0"

MEMBRANE

FLASHING

WALL

PERIMETER OF FLASHING —

OF TERMINATION - 8"

MUST EXTEND

MEMBRANE

FLASHING -

WALL

ROOFING DETAILS