



HISTORIC PRESERVATION COMMISSION

Marc Elrich
County Executive

Robert Sutton
Chair

Date: April 2, 2021

MEMORANDUM

TO: Mitra Pedoeem
Department of Permitting Services

FROM: Dan Bruechert
Historic Preservation Section
Maryland-National Capital Park & Planning Commission

SUBJECT: Historic Area Work Permit # 819732 - Building Addition

The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached application for a Historic Area Work Permit (HAWP). This application was **approved** at the May 9, 2018 HPC meeting. Phase 1 drawings were reviewed and approved by Staff on April 2, 2021

The HPC staff has reviewed and stamped the attached construction drawings.

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE ABOVE APPROVED HAWP CONDITIONS AND MAY REQUIRE APPROVAL BY DPS OR ANOTHER LOCAL OFFICE BEFORE WORK CAN BEGIN.

Applicant: Manjit & Guru Singh
Address: 7212 Carroll Ave., Takoma Park

This HAWP approval is subject to the general condition that the applicant will obtain all other applicable Montgomery County or local government agency permits. After the issuance of these permits, the applicant must contact this Historic Preservation Office if any changes to the approved plan are made. Once work is complete the applicant will contact Dan Bruechert at 301.563.3400 or dan.bruechert@montgomeryplanning.org to schedule a follow-up site visit.



7212 CARROLL AVENUE

TAKOMA PARK MD 20912

PROJECT TEAM

DESIGNER

BRUNSON DESIGNS, LLC
10739 TUCKER ST #260
BELTSVILLE MD 20704
(301.579.4563)

PROJECT ARCHITECT

SAUL ARCHITECTS
8114 CARROLL AVENUE, TAKOMA PARK MD 20912
(301.270.0395)

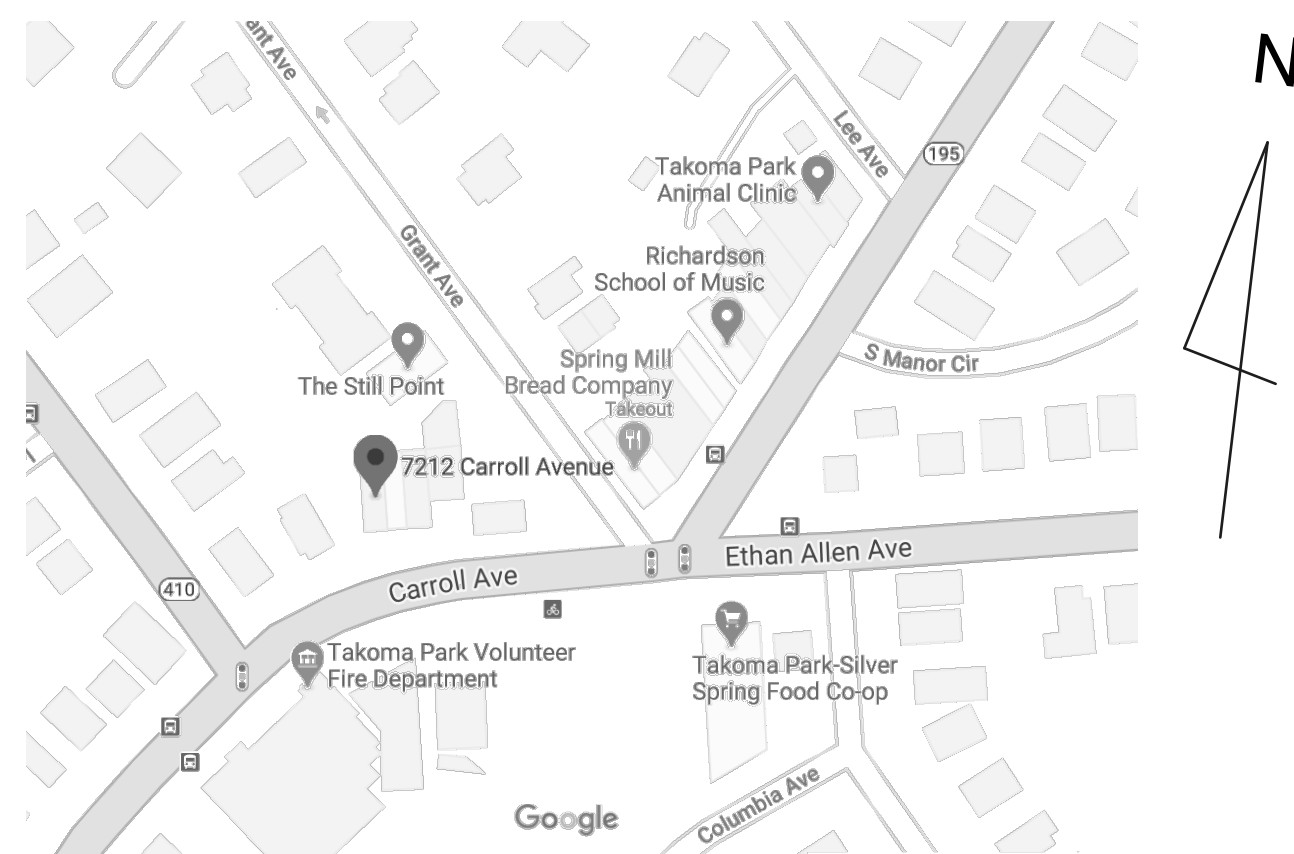
STRUCTURAL ENGINEER

GEORGE C GERBER, PE
1309 BALLANTRAE COURT
MCLEAN VIRGINIA 22101
(703.442.0309)

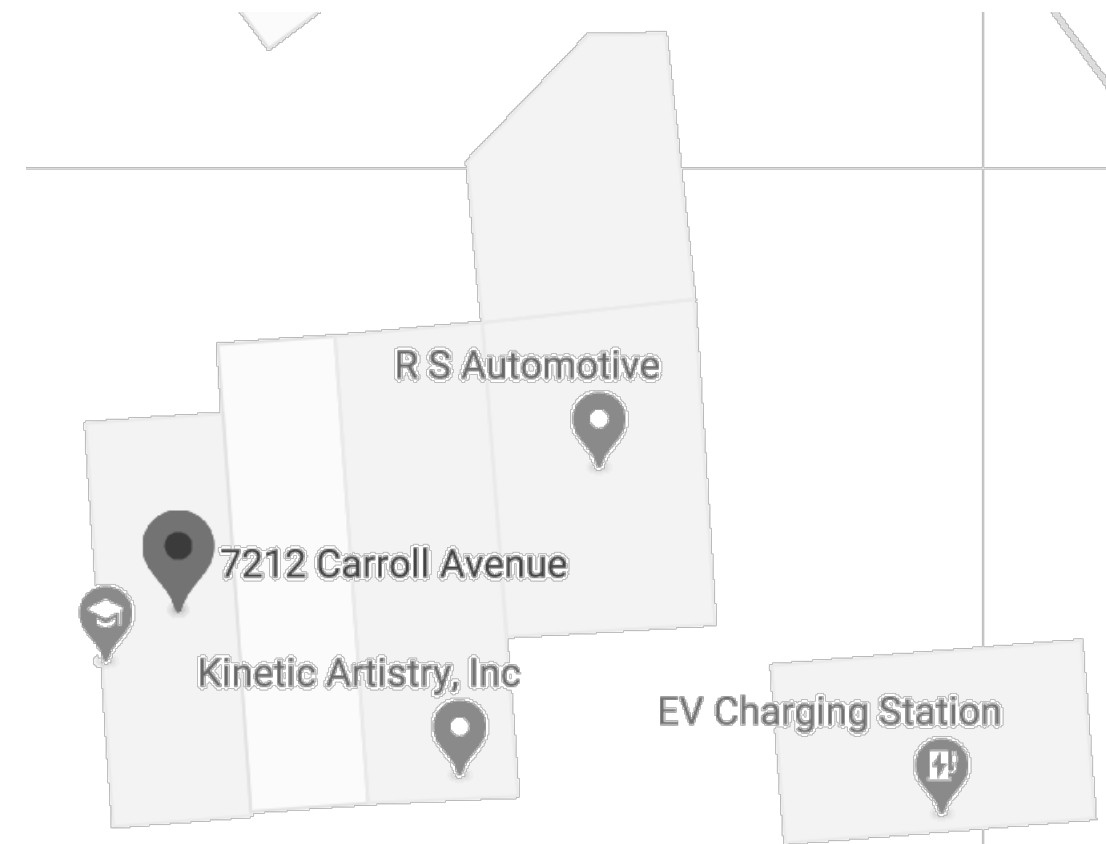
MEP ENGINEER

BTM ENGINEERS
4712 BABBLING BROOK DR
OLNEY, MARYLAND 20832
(240.701.7871)

LOCATION MAP



KEY PLAN



BUILDING CODES

2014 NATIONAL ELECTRIC CODE
2018 INTERNATIONAL RESIDENTIAL CODE
2018 INTERNATIONAL ENERGY CONSERVATION CODE
2013 FIRE ALARM PROTECTION NFPA72
2018 INTERNATIONAL FUEL GAS CODE
2018 MECHANICAL CODE
2018 PLUMBING CODE

LIFE-SAFETY NFPA1 & 101/2013
RESIDENTIAL SPRINKLER NFPA13D/2010

CODE ANALYSIS

1. FIRE RESISTANCE RATING OF STRUCTURAL ELEMENTS (TABLE 601)

EXT WALL (>10FT) 0 HRS
BEARING EXTERIOR 2 HRS
INT BEARING PARTITIONS 0 HRS
NON BEARING WALLS AND PARTITIONS 0HRS
FLOOR CONSTRUCTION AND SECONDARY 0HRS
ROOF CONSTRUCTION AND SECONDARY 0HRS

2. OCCUPANT LOAD CALCULATION (TABLE 1004.1.2)

TENANT SPACE 78.9 OCCUPANTS (1579.04/20 GROSS)
TOTAL OCCUPANTS 79 OCCUPANTS

3. MAXIMUM LENGTH OF EXIT

NUMBER OF EXITS = 2 EXITS (TABLE 1006.3.1)

4. MAXIMUM LENGTH OF TRAVEL

EDUCATIONAL = 200 FT (TABLE 1017.2 WITHOUT SPRINKLER)

5. PARKING REQUIRED

NO

6. HEIGHT AND AREA CALCULATIONS (CHAPTER 5)

BLDG HEIGHT = 12' (504.3 NOT SPRINKLERED)
STORIES = 1 (504.4 NOT SPRINKLERED)
AREA = 1579.04 SF (506.2 NOT SPRINKLERED)

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A1.2 FURNITURE PLAN, RCP
A2.1 ELEVATIONS
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M200 DETAILS & SCHEDULES
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PROJECT INFO:

CODE: 2018 IBC

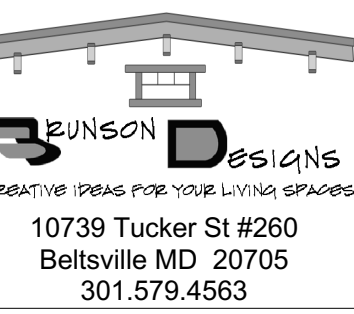
FLOOR AREA:

FINISHED AREA = 1579.04 SF

| | EXISTING BLDG | EXISTING SPACE | PROPOSED SPACE CHANGES & ALTER |
|--|-----------------|-----------------|--------------------------------|
| IBC 2018 BLDG. USE GROUP CLASSIFICATION | E | E | E |
| NFPA101 TENANT OCCUPANCY CLASSIFICATION | LEARNING CENTER | LEARNING CENTER | LEARNING CENTER |
| SEPERATED MIXED USE PER IBC/NFPA (Y/N) | Y | Y | Y |
| CONSTRUCTION TYPE PER IBC-2018 | 3B | 3B | 3B |
| BLDG. NUMBER OF STORIES ABOVE GRADE | 2 | 2 | 2 |
| HIGH RISE (Y/N) | N | N | N |
| PEDESTAL DESIGN (Y/N) | N | N | N |
| FIRE ALARM SYSTEM (Y/N) | Y | Y | Y |
| FULLY SPRINKLERED AND MONITORED (Y/N) | N | N | N |
| OCCUPANT LOAD OF TENANT SPACE | N/A | 50 | 79 |
| FLOOR AREA OF RENOVATION/TENANT SPACE (SF) | N/A | 1006.53 SF | 1579.04 SF |



REVIEWED
By Dan.Bruechert at 11:57 am, Apr 02, 2021



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TAKOMA PARK MD 20912

Cover Sheet



PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 14248
EXPIRATION DATE: 6.30.21

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Drawing Scale

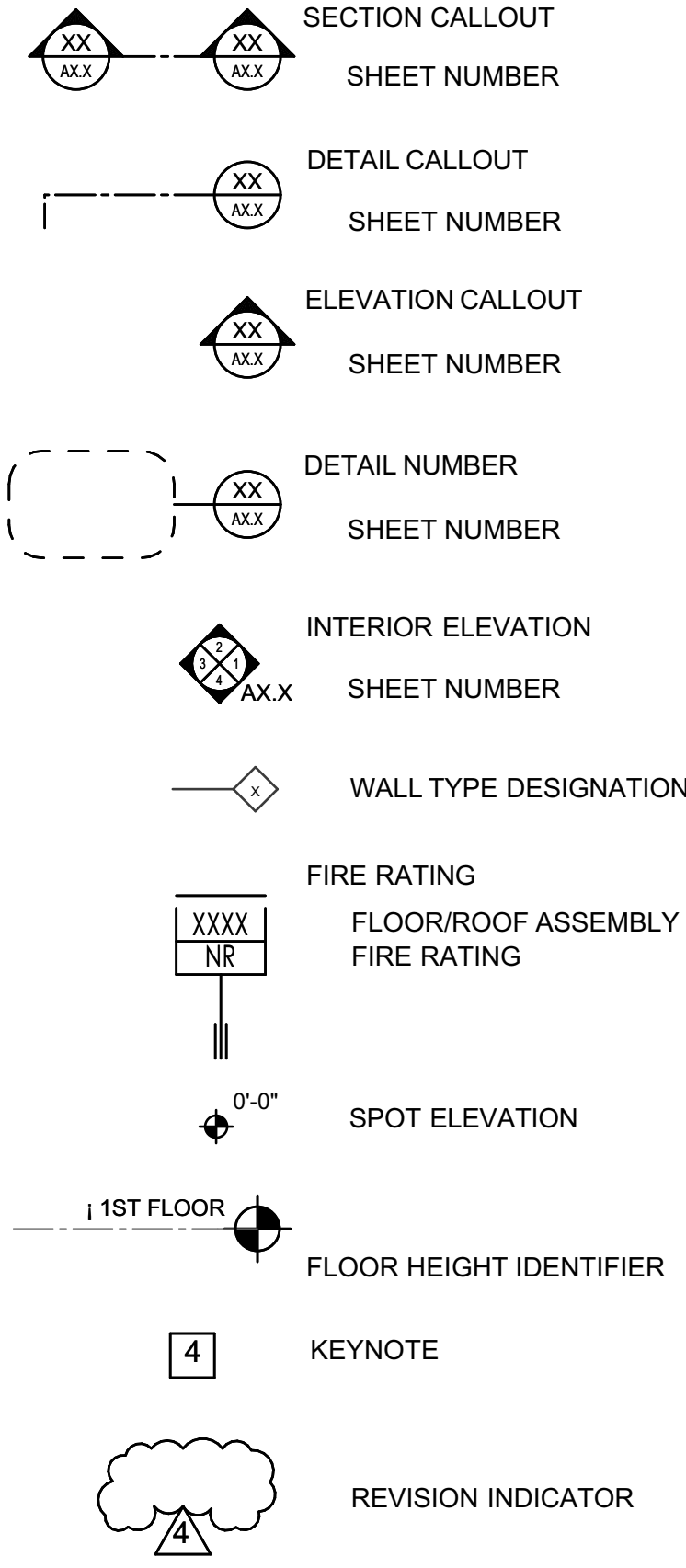
Drawn by Date
LB 10.30.20

Revision Date

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T1

GRAPHIC SYMBOLS



ABBREVIATIONS

| | | |
|----------|---------|---------------------------|
| A | AB | Anchor Bolt |
| | ADD | Addendum |
| | ADJ | Adjacent |
| | AFF | Above Finished Floor |
| | AGGR | Aggregate |
| | ALUM | Aluminum |
| | ALT | Alternate |
| | ANOD | Anodized |
| | APPROX | Approximate |
| | ARCH | Architectural |
| B | BLK'G | Blocking |
| | B.M. | Bench Mark |
| | BD | Board |
| | BF | Backface |
| | BL | Building Line |
| | BLDG | Beam |
| | BM | Bearing |
| | BRG | Building Restriction Line |
| | BRL | Bottom |
| | BTM | Between |
| | BTWN | |
| C | CEM | Cement |
| | CIP | Cast In Place |
| | CJ | Control Joint |
| | CNJT | CONSTRUCTION Joint |
| | CL | Center Line |
| | CLG | Ceiling |
| | CLR | Clear |
| | CMU | Concrete Masonry Unit |
| | COL | Column |
| | CONC | Concrete |
| | CONN | Connection |
| | CONST | CONSTRUCTION |
| | CONT | Continuous |
| | COORD | Coordinate |
| | CORR | Corrugated |
| | CR | Cold Rolled |
| | CSK | Countersunk |
| | CTD | Centered |
| | CTR | Center |
| D | D | Depth |
| | DTLS | Details |
| | STL | Detail |
| | DIA | Diameter |
| | DIM | Dimension |
| | DL | Dead Load |
| | DN | Down |
| | DS | Down Spout |
| | DWGS | Drawings |
| | DWLS | Dowels |
| E | EA | Each |
| | EJ | Expansion Joint |
| | EL | Elevation |
| | ELEV | Elevation |
| | EMBDMT | Embedment |
| | EOS | Edge of Slab |
| | EPOXY'D | Epoxyed |
| | EQ | Equal |
| | EQUIP | Equipment |
| | EW | Each Wat |
| | EXIST | Existing |
| | EXP BLT | Expansion Bolt |
| | EXT | Exterior |
| | ETR | Existing to remain |
| F | FD | Floor Drain |
| | FDN | Foundation |
| | FF | Finish Floor |
| | FHC | Fire Hose Cabinet |
| | FIN | Finish |
| | FLR | Floor |
| | F.R. | Fire Rated |
| | FT | Foot |
| | FTG | Footing |
| | FV | Field Verify |
| G | GA | Gauge |
| | GALV | Galvanized |
| | GB | Grade Beam |
| | GEN | General |
| | GI | Galvanized Iron |
| | GLS | Glass |
| | GMU | Glazed Masonry Unit |
| | GND | Ground |
| | GR | Grade |
| | GSM | Galvanized Sheet Metal |
| | GYP BD | Gypsum Board |

| | | |
|----------|--------|-------------------------------------|
| H | H | High |
| | HDW | Hardware |
| | HDR | Header |
| | HORIZ | Horizontal |
| | HP | High Point |
| | HR | Hour |
| | HT | Height |
| | HWD | Hardwood |
| I | IBC | International Building Code |
| | ID | Inside Diameter |
| | INDO | Information |
| | INSUL | Insulation |
| J | | |
| K | | |
| L | LDGR | Ledger |
| | LG | Long |
| | LOC | Location |
| | LP | Low Point |
| | LSL | Laminated Strand Lumber |
| | LT | Light |
| | LWC | Lightweight Concrete |
| M | MANUF | Manufacturer |
| | MAS | Masonry |
| | MATL | Material |
| | MAX | Maximum |
| | MDO | Medium Density Overlay |
| | MDF | Medium Density Fiber |
| | MECH | Mechanical |
| | MEMB | Membrane |
| | MEP | Mechanical, Electrical and Plumbing |
| | MFG | Manufacturer |
| | MIL | Thickness |
| | MIN | Minimum |
| | MISC | Miscellaneous |
| | MO | Masonry Opening |
| | MOD | Modified |
| | MTL | Metal |
| N | N/A | Not Available/Applicable |
| | NEC | Necessary |
| | NIC | Not in Contract |
| | NOM | Nominal |
| | NTS | Not to Scale |
| | NWC | Normal Weight Concrete |
| O | OA | Over All |
| | OC | On Center |
| | OD | Outside Diam. |
| | O.D. | Overflow Drain |
| | OH | Opposite Hand |
| | OPNG | Opening |
| | OPP | Opposite |
| P | PERF | Perforated |
| | P.L. | Property Line |
| | PL | Plate |
| | PLYWD | Plywood |
| | PR | Pair |
| | PREFAB | Prefabricated |
| | PREP | Prepare |
| | PSF | Pounds per Square Foot |
| | PSI | Pounds per Square Inch |
| | PT | Point |
| | PTD | Painted |
| | P.T. | Pressured Treated |
| R | R | Riser |
| | RAD | Radius |
| | RCP | Reflected Ceiling Plan |
| | RD | Roof Drain |
| | REBAR | Reference |
| | REF | Refurbish |
| | REFURB | Reinforcing |
| | REINF | Relocate/Relocated |
| | RELOC | Require |
| | REQD | Recessed Fire Valve |
| | RFVC | Cabinet |
| | RO | Rough Opening |

| | | |
|----------|-----------|------------------------------|
| S | S.A.B. | Sound Attenuation Board |
| | SCHED | Schedule |
| | SECT | Section |
| | SF | Square Feet |
| | SHT'G | Sheathing |
| | SHT | Sheet |
| | SIM | Similar |
| | SISTER'D | Sistered |
| | SP | Structural Opening |
| | SOG | Slab on Grade |
| | SPEC | Specification |
| | SQ | SSquare |
| | S.S. | Stainless Steel |
| | SSF | Solid Surface |
| | STAGGER'D | Staggered |
| | STD | Standard |
| | STIDD | Stiffener |
| | STIR | Stirrup |
| | STC | Sound Transmission Class |
| | STL | Steel |
| | STRUCT | Structural |
| | SYM | Symmetrical |
| | SYS | System |
| T | T | Tread |
| | TAPER'D | Tapered |
| | TB | Towel Bar |
| | T&B | Top and Bottom |
| | T&G | Tongue and Groove |
| | THK | Thick |
| | THRU | Through |
| | TJ'S | Trus Joist I Joist |
| | TO | Top of |
| | TOB | Top of Beam |
| | TOC | Top of Concrete |
| | TOCB | Top of Curb |
| | TOG | Top of Footing |
| | TOM | Top of Mullion |
| | TOS | Top of Slab |
| | TOSTL | Top of Steel |
| | TP | Toilet Paper Holder |
| | TR | Towel Ring |
| | TW | Top of Wall |
| | TYP | Typical |
| U | U/C | Under Counter |
| | U/G | Underground |
| | U.L. | Underwriters Laboratory |
| | U.N.O. | Unless Noted Otherwise |
| | UP, NS | Unprotected, Non Sprinklered |
| V | VAR | Varies |
| | VERT | Vertical |
| | V.I.F. | Verify In Field |
| W | W/ | With |
| | W/O | Without |
| | W | Width |
| | WP | Waterproof(ing) |
| | WD | Wood |
| | WF | Wide Flange |
| | WL | Wind Load |
| | WP | Work Point |
| | WP0 | Work Point Point of Origin |
| | WP1 | Work Point - Numbered |
| | W.R. | Weather/Water Resistant |
| | WWF | Welded Wire Fabric |

GENERAL NOTES

- ALL WORK IS TO BE DONE IN CONFORMANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- CONTRACTOR SHALL CONFORM TO ALL O.S.H.A. REQUIREMENTS
- CONTRACTOR TO VISIT SITE AND COMPLETELY FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS PRIOR TO EXECUTION OF ANY CONSTRUCTION, CONTACT DESIGNER PRIOR TO EXECUTING ANY WORK IN QUESTION.
- CHECK ALL DIMENSIONS ON JOB AND FULLY VERIFY PRIOR TO EXECUTION. ALL WORK TO BE FULLY EXECUTED IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS. ALL ELEVATIONS GIVEN ARE APPROXIMATE AND ARE GIVEN FOR "RELATIONAL" PURPOSES. CONTRACTOR SHALL ESTABLISH EXACT LEVELS PRIOR TO START OF WORK AND NOTIFY DESIGNER OF ANY SIGNIFICANT DISCREPANCIES. CONTRACTOR TO PROVIDE SHOP DRAWINGS, COLOR SCHEDULES AND SELECTIONS FOR APPROVAL BY DESIGNER PRIOR TO EXECUTION.
- DEMOLITION: TO BE PROVIDED BY CONTRACTOR AS REQUIRED. COMPLETELY REMOVE ALL TRASH FROM SITE.
- UTILITIES: COORDINATE AND PROVIDE AS PER DRAWINGS.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS/ VENDOR DATA SUBMITTAL SCHEDULE TO DESIGNER FOR REVIEW AND APPROVAL WITHIN THIRTY (30) DAYS FROM COMMENCEMENT OF WORK. SUBMIT TWO (2) COPIES TO DESIGNER.
- CONTRACTOR SHALL NOT SCALE DRAWINGS AND DISCREPANCIES BETWEEN EXISTING CONDITIONS AND DRAWINGS SHALL BE REPORTED TO DESIGNER FOR CLARIFICATION PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE INCLUSION OF ALL WORK NECESSARY FOR A COMPLETE INSTALLATION WHETHER SUCH WORK IS OR IS NOT INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS.
- ALL MANUFACTURED ITEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
- WARRANTIES, GUARANTEES AND MANUFACTURER'S INSTRUCTIONS ON EQUIPMENT FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL BE GIVEN TO THE OCCUPANT.
- CONTRACTOR SHALL PROVIDE PROTECTION ON A DAILY BASIS FOR ALL WORK THAT PENETRATES THE EXISTING ROOF MATERIAL. CONTRACTOR MAY COVER ALL WORK UNTIL WATERWEATHER PROOF UNTIL COMPLETION OF CONSTRUCTION.
- ALL WOOD FRAMING EXPOSED TO THE WEATHER SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA
- IN AREAS WHERE THE DRAWINGS DO NOT ADDRESS METHODOLOGY, THE CONTRACTOR SHALL BE BOUND TO PERFORM IN STRICT COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
- IN THE EVENT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN OR NOTED.
- THE DESIGNER WILL NOT BE RESPONSIBLE FOR AND WILL NOT HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE DESIGNER WILL NOT BE RESPONSIBLE FOR THE FAILURE OF THE CLIENT OR HIS CONTRACTORS, SUBCONTRACTORS, OR ANYONE PERFORMING ANY OF THE WORK, TO CARRY OUT THE WORK IN ACCORDANCE WITH THE APPROVED CONTRACT DOCUMENTS.
- All CONCRETE DETAILS AND CONSTRUCTION ARE TO COMPLY WITH LATEST A.C.I. CODE AND LOCAL CODES
- APPROVAL OF THESE DRAWINGS BY GOVERNING AUTHORITIES DOES NOT RELEASE THE CONTRACTOR FROM COMPLYING WITH ALL APPLICABLE CODES AND STANDARDS.
- ALL NOTES ON THIS DRAWING APPLY FOR THE ENTIRE PROJECT WHETHER OR NOT REPEATED ON OTHER DRAWINGS.
- WHERE NEW WORK IS TO BE DONE, CARE SHALL BE TAKEN TO PROTECT ALL EXISTING ADJACENT SURFACES AND AREAS FROM DAMAGE. ANY AREAS DAMAGED DURING CONSTRUCTION OR DEMOLITION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE CLIENT. THIS APPLIES PARTICULARLY TO ADJACENT SPACES, ROOF, AND OTHER EXTERIOR AREAS AND SURFACES.
- THE OWNER WILL CONSIDER FORMAL REQUESTS FROM THE CONTRACTOR FOR SUBSTITUTION OF PRODUCTS, MATERIAL OR MANUFACTURERS. THESE REQUESTS SHALL ACCOMPANY BUT NOT BE INCLUDED IN THE BASE BID ON THE SPECIFIED BID DUE DATE. SUBMIT TWO (2) COPIES OF REQUEST FOR SUBSTITUTION.
- ONLY NEW, FIRST CLASS MATERIALS WILL BE USED (EXCEPT AS NOTED). ALL WORK AND EQUIPMENT SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE EXCEPT FOR MANUFACTURER'S GUARANTEES WHICH MAY BE LONGER.
- ALL GYPSUM BOARD SHALL BE TAPED, SPACKLED AND SANDED SMOOTH PRIOR TO FINISHING, METAL BEADING SHALL BE USED ON ALL OUTSIDE CORNERS WHERE APPLICABLE.
- THE GENERAL CONTRACTOR SHALL BEAR FULL RESPONSIBILITY AND COSTS FOR THE FOLLOWING:
 - PERMITS, LICENSES, INSPECTIONS AND FEES (ALL IMPACT FEES).
 - TEMPORARY POWER AND UTILITIES.
 - TRASH REMOVAL.
 - LIABILITY AND WORKMEN'S COMPENSATION INSURANCE, ETC.
 - AND OTHER ITEMS INDICATED IN SPECIFICATIONS.
 - SHORING
- ALL PENETRATIONS THROUGH EXISTING ROOF SHALL BE SEALED IN PITCH POCKETS AT PIPING, CONDUIT, ETC.; FLASH DUCTS AND CRUBS.
- REMOVAL, DISPOSAL, ALTERATION AND RELOCATION OF EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT, CONDUITS, PIPES AND DUCTS ARE INCLUDED IN THE WORK.

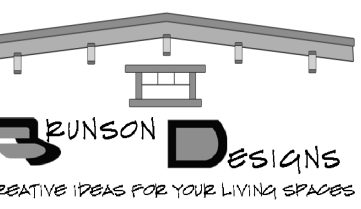
FOUNDATION NOTES

- THE CONTRACTOR SHALL FIELD ASSES AND DETERMINE THE METHOD FOR EXCAVATION SHORING AND FORMING NEW FOOTINGS AND FOUNDATION WALLS.
- THE EXCAVATION CONTRACTOR WILL USE ALL NECESSARY PRECAUTIONS WHEN EXCAVATING AT OR NEAR EXISTING BUILDING FOUNDATIONS/ TREES/ ETC.

APPROVED
Montgomery County
Historic Preservation Commission



REVIEWED
By Dan.Bruechert at 11:58 am, Apr 02, 2021



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7212 CARROLL AVENUE
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Annotations, Abbreviations and
General Notes



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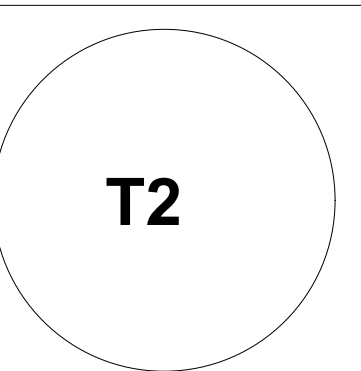
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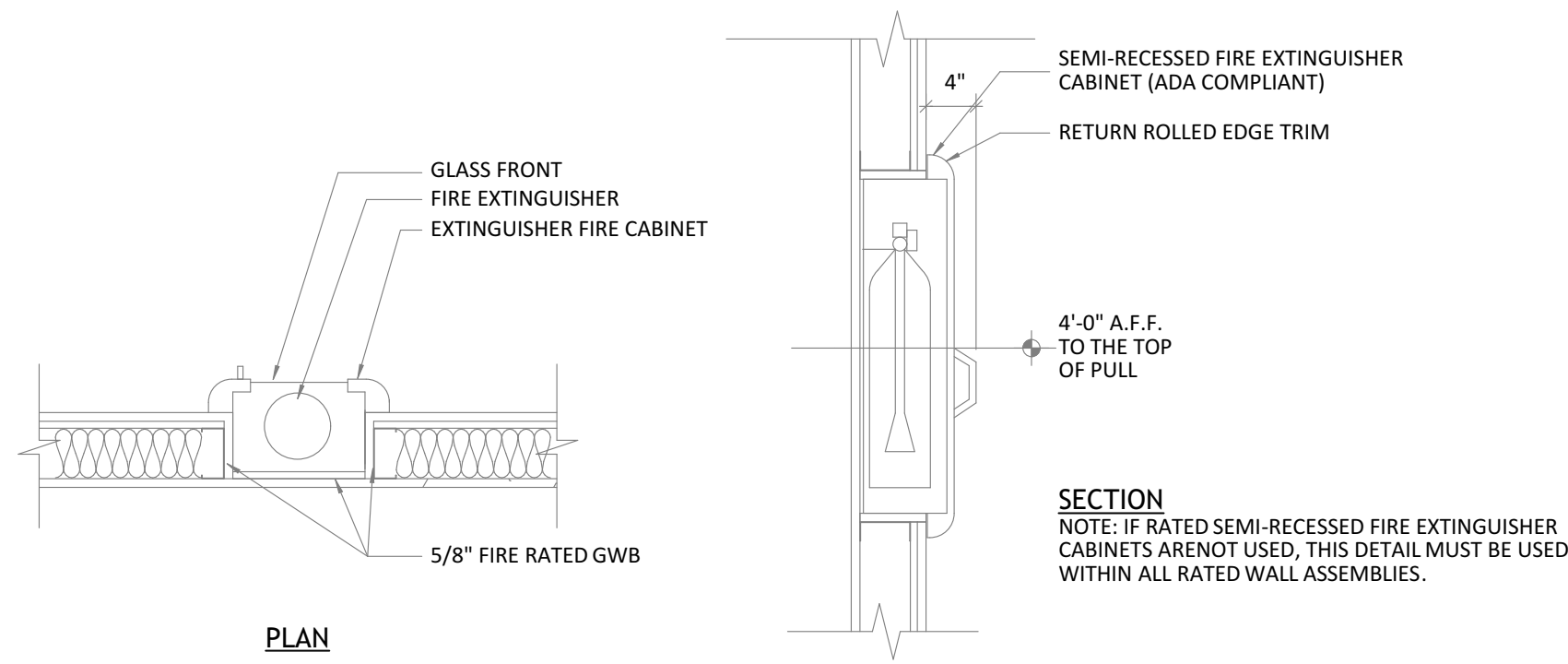
Drawing Scale

Drawn by LB Date 10.30.20

Revision Date

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A Fire Extinguisher Cabinet Detail
NOT IN SCALE

EXIT ACCESS TRAVEL DISTANCE

PER IBC TABLE 1016.2

| FLOOR | OCCUPANCY | MAX TRAVEL DISTANCE ALLOWED * | MAX TRAVEL DISTANCE AS PER DESIGN * |
|---------|-----------|-------------------------------|-------------------------------------|
| 1st FLR | GROUP E | 200'-0" | 70'-0" |

* building IS NOT equipped throughout with a sprinkler system

TABLE 1020.1
CORRIDOR FIRE RESISTANCE RATING

| OCCUPANCY | OCCUPANT LOAD SERVED BY CORRIDOR | REQUIRED FIRE-RESISTANCE RATING (hours) | |
|---------------------|----------------------------------|---|-----------------------|
| | | Without sprinkler system | With sprinkler system |
| A, B, E, F, M, S, U | Greater than 30 | 1 | 0 |

EMERGENCY LIGHTING LEGEND

- WALL OR CEILING MOUNTED EXIT LIGHT W/BATTERY PACK UNIT
- ⊕ BATTERY POWERED EMERGENCY LIGHTING FIXTURE. PROVIDE BATTERY BACKUP CAPABLE OF FULL LIGHT OUTPUT

DRAWING LEGEND

- ←--- EXIT DISCHARGE
- FD WALL MOUNTED FIRE EXTINGUISHER
- EXIT EXIT SIGN
Note: Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel

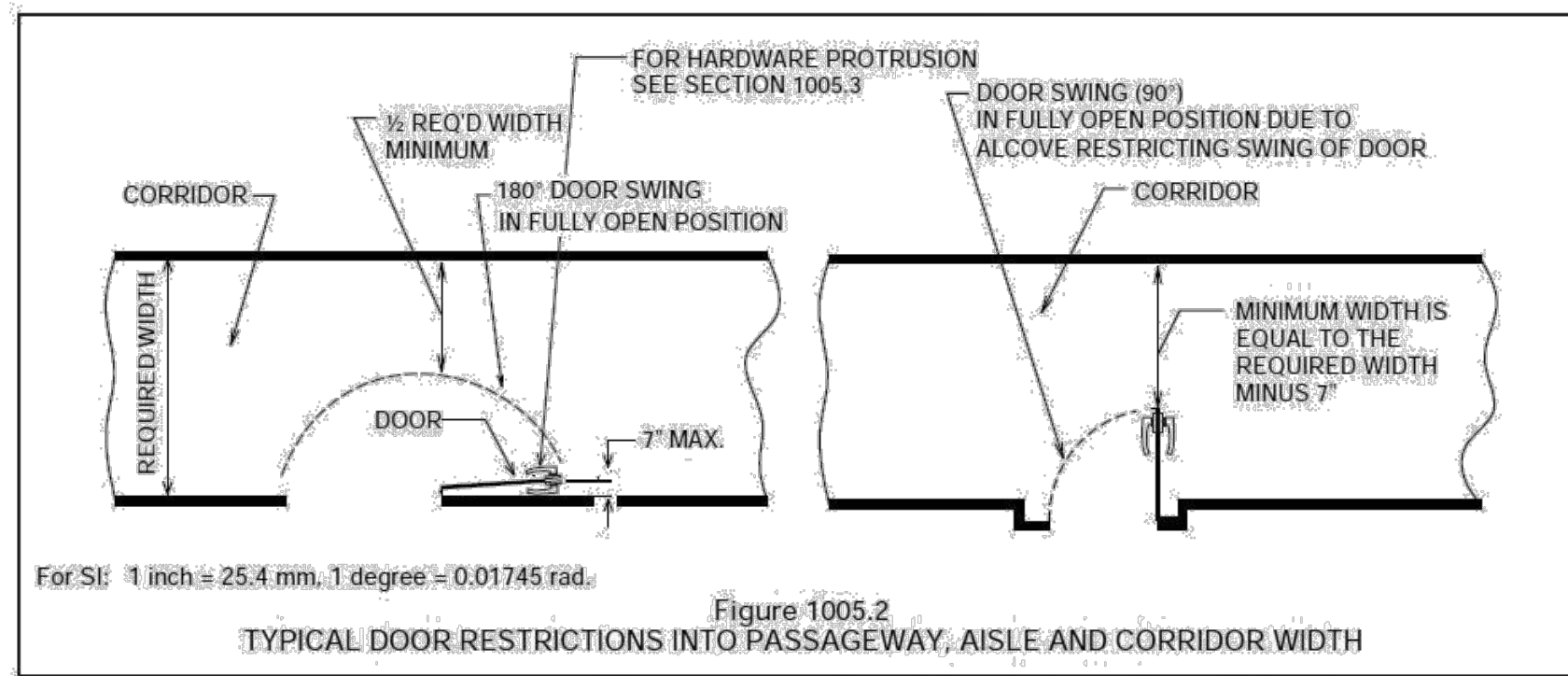
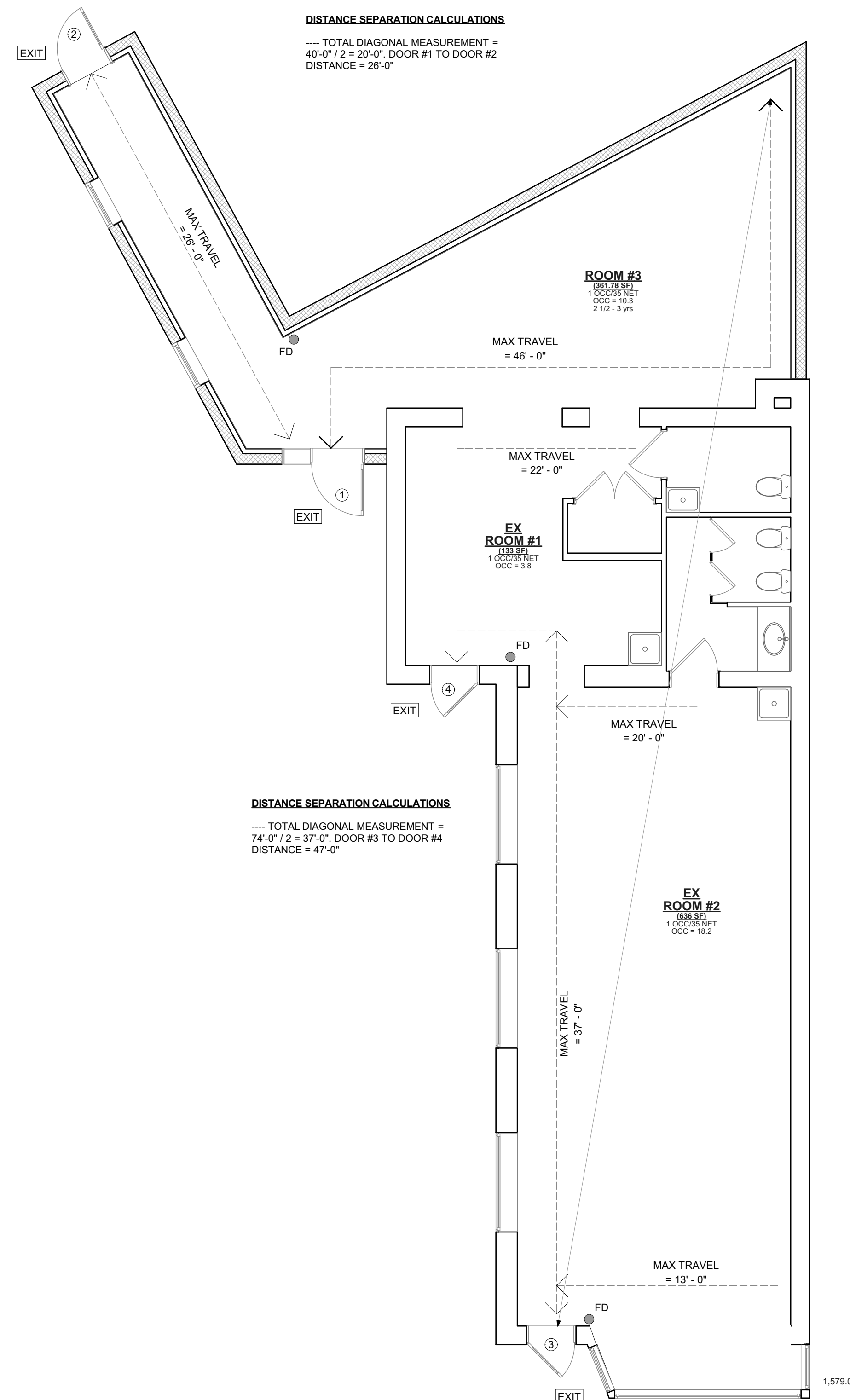
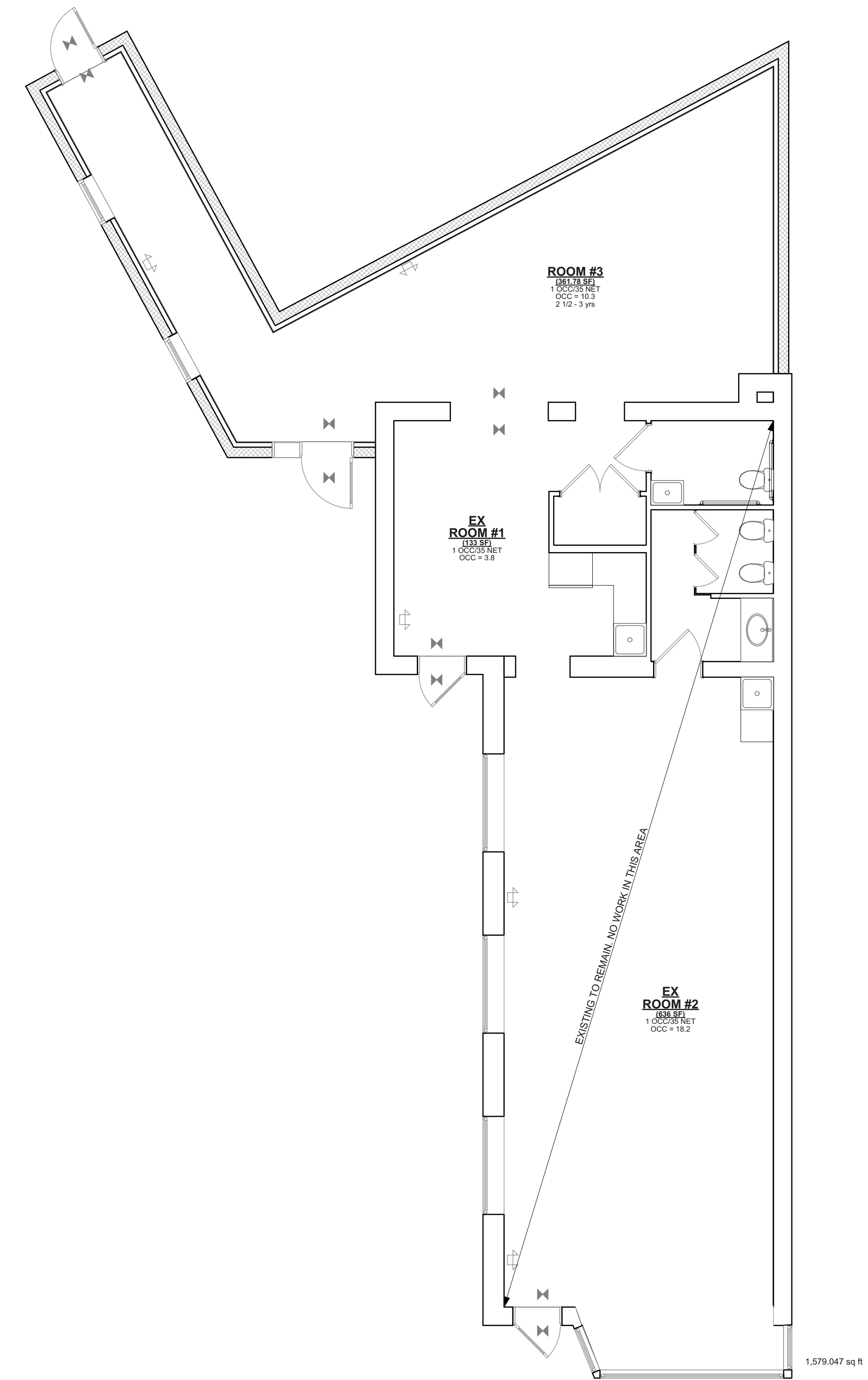


Figure 1005.2
TYPICAL DOOR RESTRICTIONS INTO PASSAGEWAY, AISLE AND CORRIDOR WIDTH



Life Safety Plan
3/16" = 1'-0"

1.
T3



Emergency Lighting Plan
3/16" = 1'-0"

2.
T3

APPROVED
Montgomery County
Historic Preservation Commission
[Signature]

REVIEWED
By Dan.Bruechert at 11:58 am, Apr 02, 2021



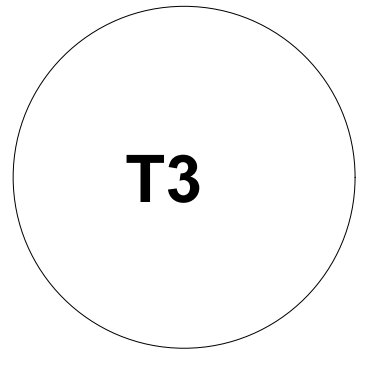
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| Drawn by | Date |
| LB | 10.30.20 |
| Revision | Date |

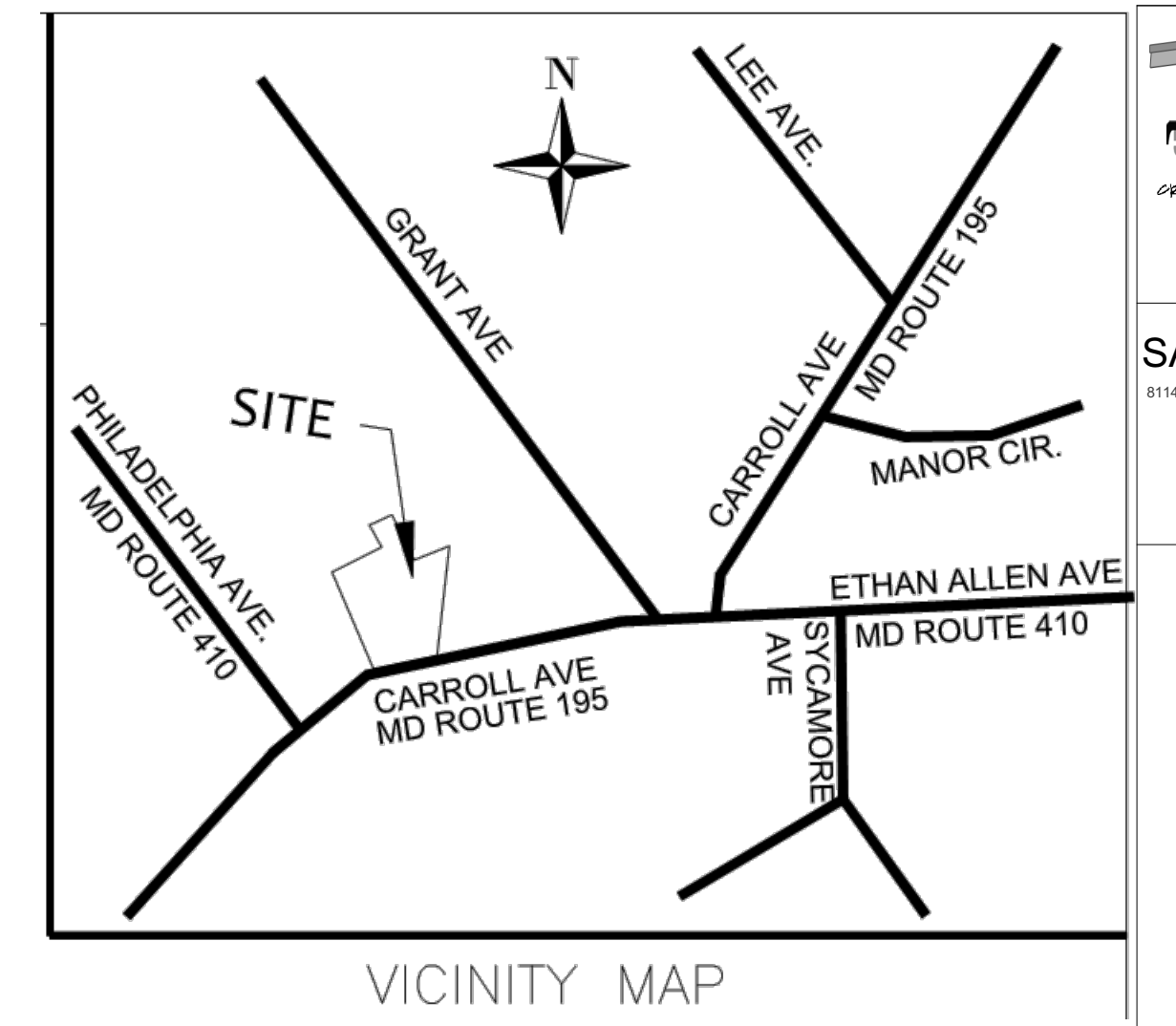
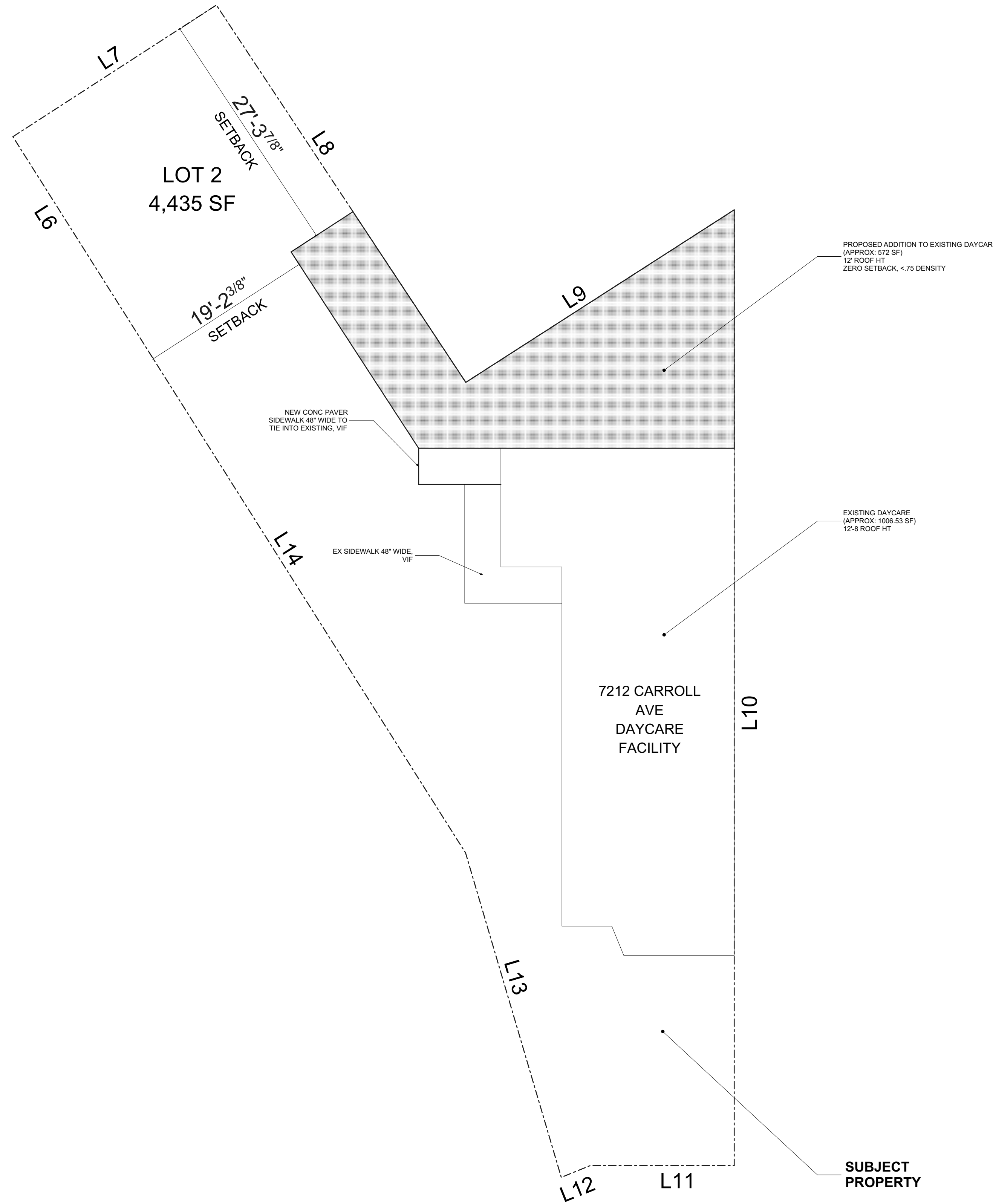
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NOTES

1. THIS PROPERTY IS CURRENTLY ZONED NR-0.75 H-50 & R-60.
2. THIS PROPERTY IS SERVED BY PUBLIC WATER AND SEWER SERVICE.
3. ALL TERMS, CONDITIONS, AGREEMENTS, LIMITATIONS, AND REQUIREMENTS ASSOCIATED WITH ANY PRELIMINARY PLAN, SITE PLAN, PROJECT PLAN, OR OTHER PLAN, ALLOWING DEVELOPMENT OF THIS PROPERTY, APPROVED BY THE MONTGOMERY COUNTY PLANNING BOARD ARE INTENDED TO SURVIVE AND NOT BE EXTINGUISHED BY THE RECORDATION OF THIS PLAT. THE OFFICIAL PUBLIC FILES FOR ANY SUCH PLAN ARE MAINTAINED BY THE PLANNING BOARD AND ARE AVAILABLE FOR PUBLIC VIEWING DURING NORMAL BUSINESS HOURS.
4. THIS PLAT IS NOT INTENDED TO SHOW EVERY MATTER AFFECTING OR RESTRICTING THE OWNERSHIP AND USE OF THE PROPERTY. THIS PLAT IS NOT INTENDED TO REPLACE AN EXAMINATION OF TITLE OR TO DEPICT OR NOTE ALL MATTERS AFFECTING TITLE.

- NOTE:**
1. NO CHANGE IN ELEVATION (NO CONTOURS NEEDED)



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 TAKOMA PARK MD 20912

Architectural Site Plan and Notes

LINE TABLE

| LINE # | LENGTH | DIRECTION |
|--------|--------|---------------|
| L1 | 50.09 | S62° 02' 00"W |
| L2 | 103.90 | N36° 23' 00"W |
| L3 | 60.00 | N53° 37' 00"E |
| L4 | 75.00 | S36° 23' 00"E |
| L5 | 37.71 | S20° 17' 59"E |

LINE TABLE

| LINE # | LENGTH | DIRECTION |
|--------|--------|---------------|
| L6 | 19.15 | N36° 23' 00"W |
| L7 | 28.00 | N53° 37' 00"E |
| L8 | 50.00 | S36° 23' 00"E |
| L9 | 35.40 | N53° 37' 00"E |
| L10 | 105.95 | S03° 58' 00"E |
| L11 | 15.89 | S86° 02' 00"W |
| L12 | 3.68 | S62° 02' 00"W |
| L13 | 37.71 | N20° 17' 59"W |
| L14 | 75.00 | N36° 23' 00"W |

FAR CALCULATIONS
 1579.04 / 4435 = .35%

APPROVED
 Montgomery County
 Historic Preservation Commission
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REVIEWED
 By Dan.Bruechert at 11:58 am, Apr 02, 2021



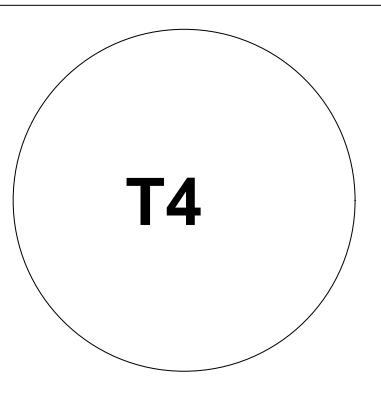
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| Drawn by | Date |
|----------|----------|
| LB | 10.30.20 |
| Revision | Date |
| | |

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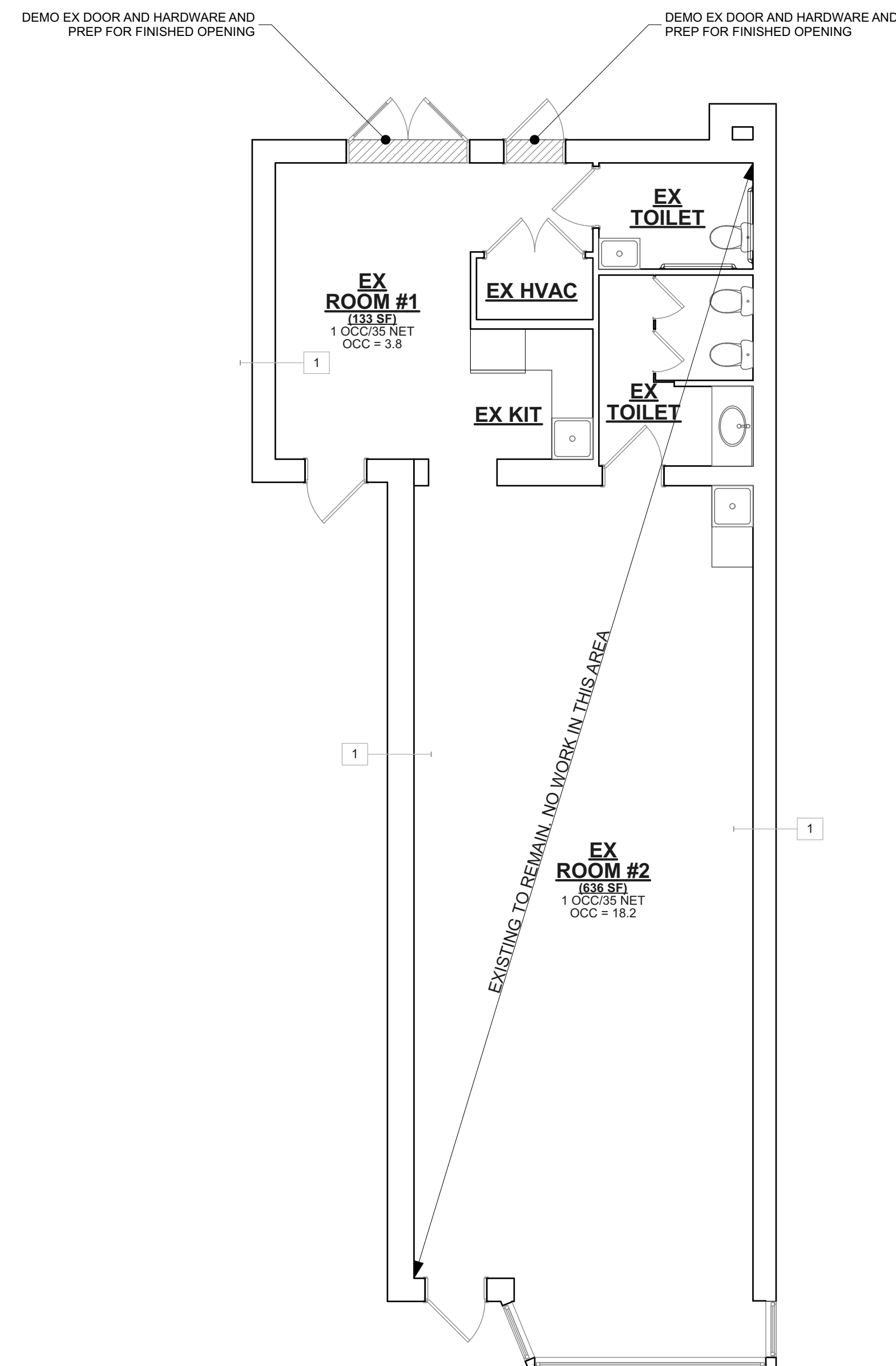
CARROLL AVENUE

GENERAL DEMOLITION NOTES

- A. CONTRACTOR TO VERIFY IN FIELD EXISTING CONDITIONS. ANY DEVIATION FROM THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER/ENGINEER IMMEDIATELY.
- B. BUILDING AND SITE WILL BE CONTINUED OPERATIONS DURING DEMOLITION AND REMODELING PHASES.
- C. THE DEMOLITION PLAN AND EXISTING CONDITIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INCLUDE IN THEIR BID. ITEMS WHICH ARE INTENDED TO BE REMOVED, RELOCATED, OR SALVAGED ARE SHOWN AS DIAGONAL LINES. ALL OTHER ITEMS ARE INTENDED TO REMAIN IN PLACE.
- D. COORDINATE DEMOLITION AND REPAIRS, PROVIDE TEMPORARY ROOFING AS REQUIRED. DO NOT LEAVE ANY AREAS EXPOSED TO ELEMENTS, WITHOUT TEMPORARY ROOFING.
- E. DEMOLITION SHALL INCLUDE, BUT IS NOT LIMITED TO, THE TIMES IDENTIFIED. THE CONTRACTOR SHALL COORDINATE ALL REQUIRED RENOVATION AND NEW CONSTRUCTION WITH THE EXISTING BUILDING TO IDENTIFY THE TOTAL EXTENT OF THE DEMOLITION REQUIRED AND AS LISTED HERE-IN.
- F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF ALL EXISTING BUILDING COMPONENTS, MATERIALS, EQUIPMENT, AND APPURTENANCES AS REQUIRED TO BUILD, ERECT, INSTALL, OR ACCOMMODATE ALL NEW CONSTRUCTION, WITH THE CONTRACTING OFFICE HAVING FIRST RIGHT OF REFUSAL ON ALL REMOVED ITEMS.
- G. ITEMS NOTED TO BE REMOVED AND SALVAGED OR REINSTALLED SHALL BE CAREFULLY REMOVED BY THE CONTRACTOR WITHOUT DAMAGE AND STORED OR REINSTALLED ON THE SITE AS DIRECTED. REMOVED AND SALVAGED ITEMS SHALL REMAIN THE PROPERTY OF THE OWNER.
- H. IN THE EVENT THE CONTRACTOR ENCOUNTERS ON THE SITE MATERIAL REASONABLE BELIEVED TO BE ASBESTOS, LEAD-BASED PAINT, OR ANY HAZARDOUS MATERIAL WHICH HAS NOT BEEN RENDERED HARMLESS, THE CONTRACTOR SHALL IMMEDIATELY REPORT THE CONDITION TO THE OWNER AND PROPER ABATEMENT SHALL BE DONE.
- I. THE CONTRACTOR IS RESPONSIBLE FOR THE ERECTION, MAINTENANCE AND REMOVAL OF ALL CONSTRUCTION ASSISTANCE DEVICES SUCH AS SCAFFOLDING AND BARRIERS.

DEMOLITION LEGEND

-  ITEMS TO BE COMPLETELY DEMOLISHED
-  ITEMS TO REMAIN AS IS





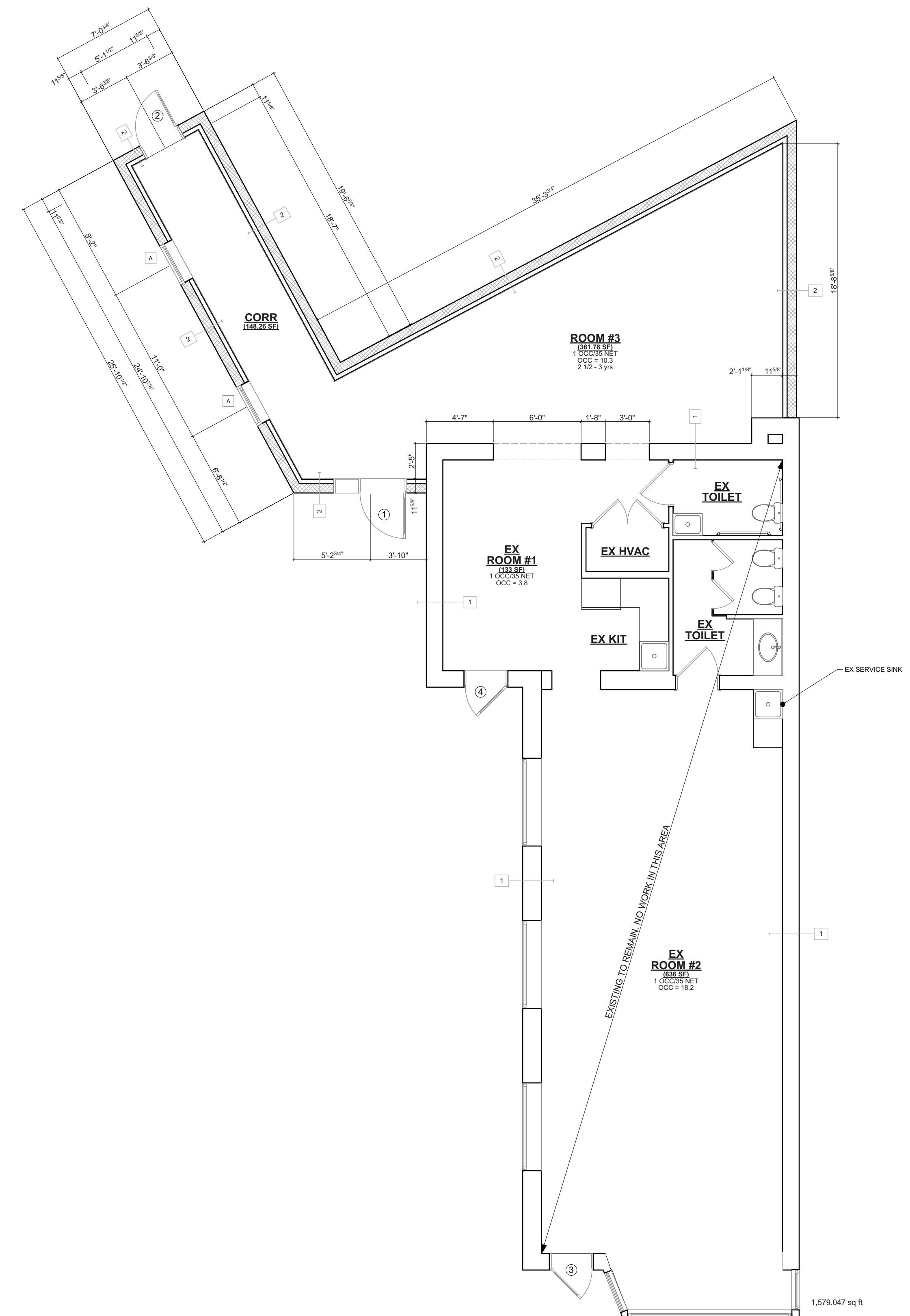
Existing Floor Plan and Demolition Plan
3/16" = 1'-0"

1.
A1.1

| MINIMUM NUMBER OR REQUIRED PLUMBING FIXTURES | | | | | | | | | | |
|--|----------------|-----------|------------------------|--|--------|------------|--------|------------------|-------------------|-----------|
| NO. | CLASSIFICATION | OCCUPANCY | DESCRIPTION | WATER CLOSETS (URINALS: SEE SECTION 419.2) | | LAVATORIES | | BATHTUBS/SHOWERS | DRINKING FOUNTAIN | OTHER |
| | | | | MALE | FEMALE | MALE | FEMALE | | | |
| 3 | Educational | E | Educational facilities | 1 | per 50 | 1 | per 50 | — | 1 per 100 | 1 service |

WALL LEGEND

-  EXISTING WALL TO REMAIN
-  NEW WALL

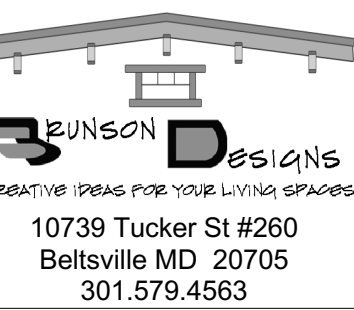


Proposed Floor Plan
3/16" = 1'-0"

2.
A1.1

APPROVED
Montgomery County
Historic Preservation Commission
[Signature]

REVIEWED
By Dan.Bruechert at 11:58 am, Apr 02, 2021



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Proposed Floor Plan, Existing Floor Plan and
Demolition Plan



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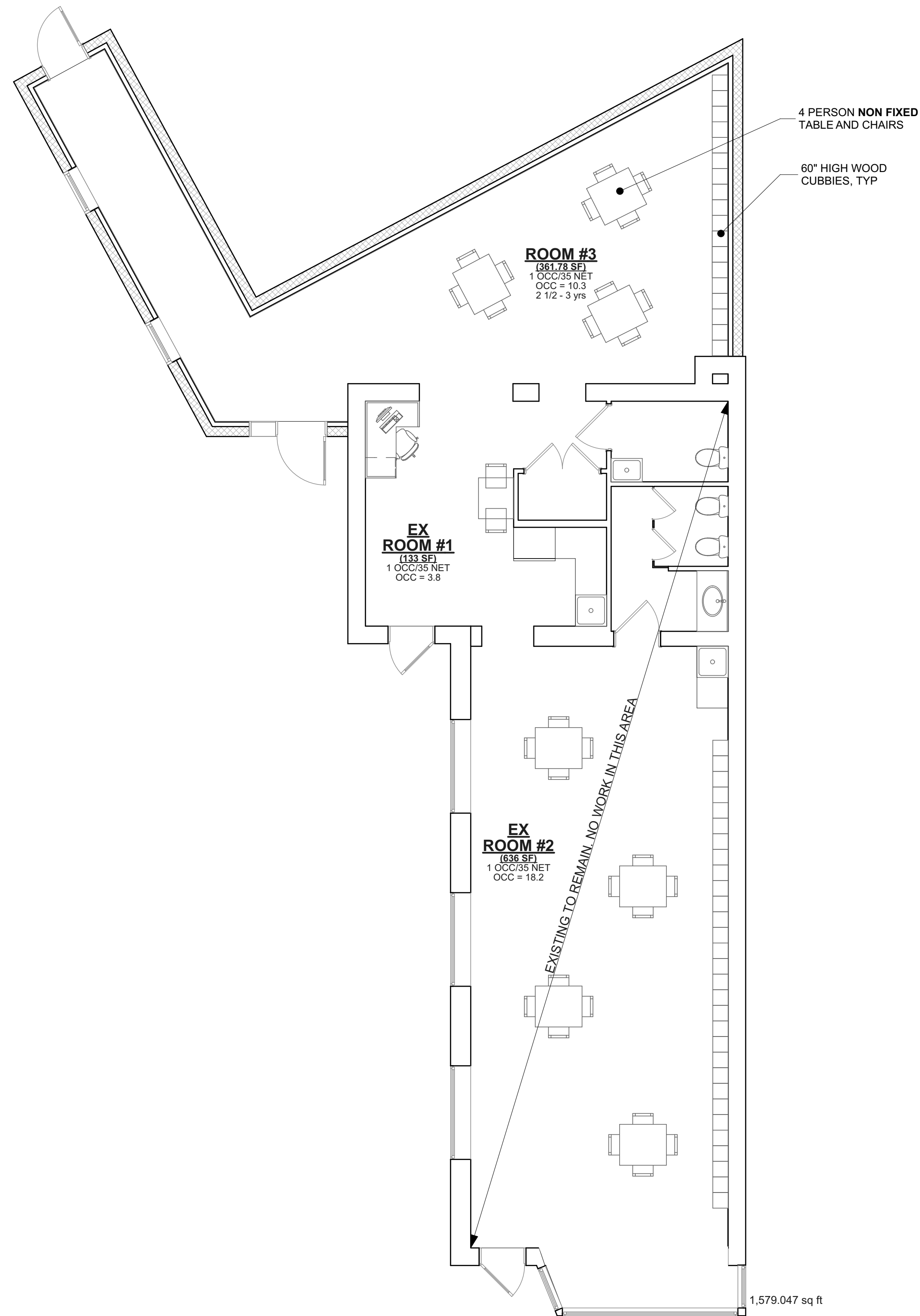
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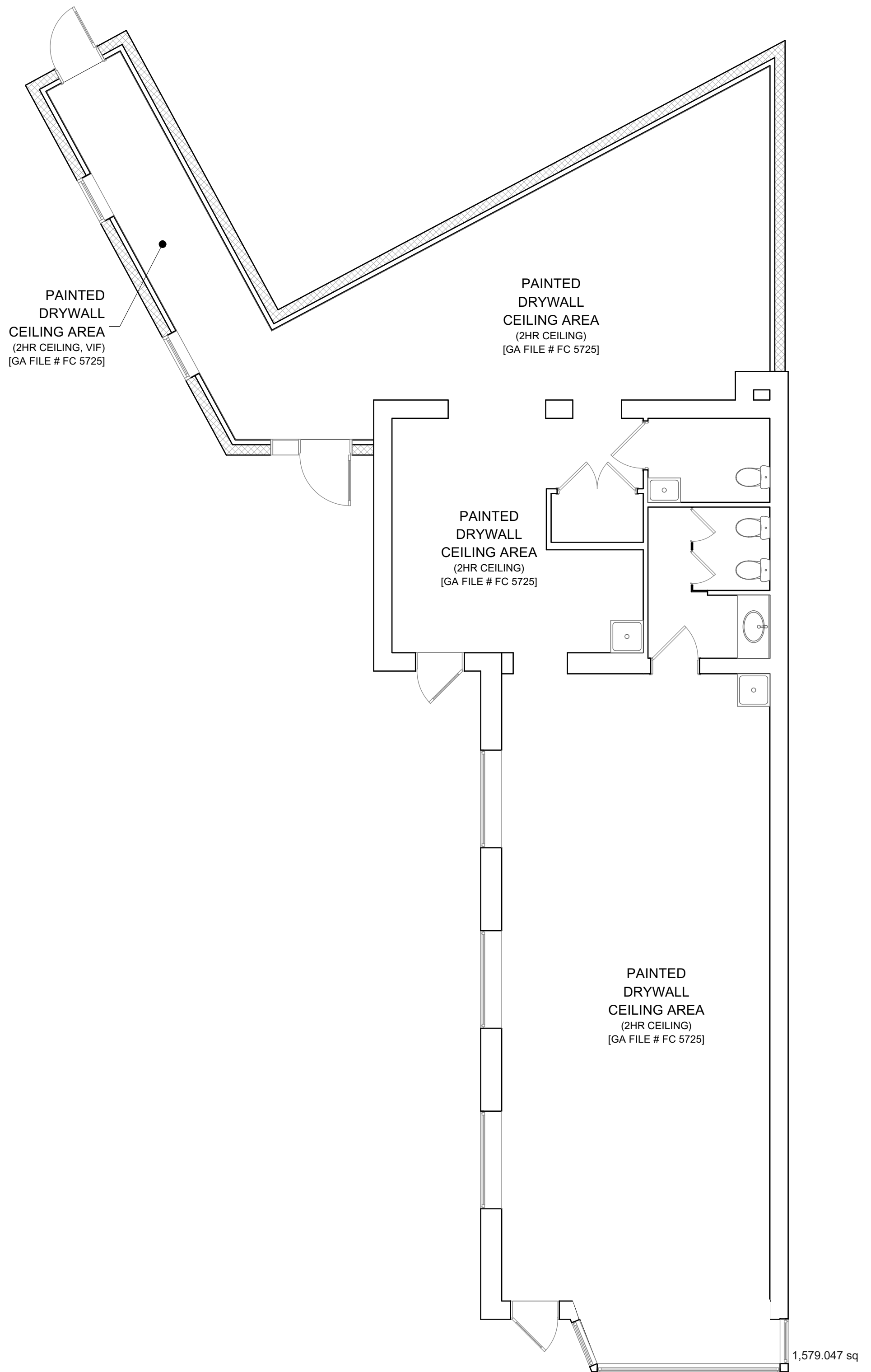
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A1.2



Furniture Plan
 3/16" = 1'-0"

1.
 A1.2



Reflected Ceiling Plan
 3/16" = 1'-0"

2.
 A1.2



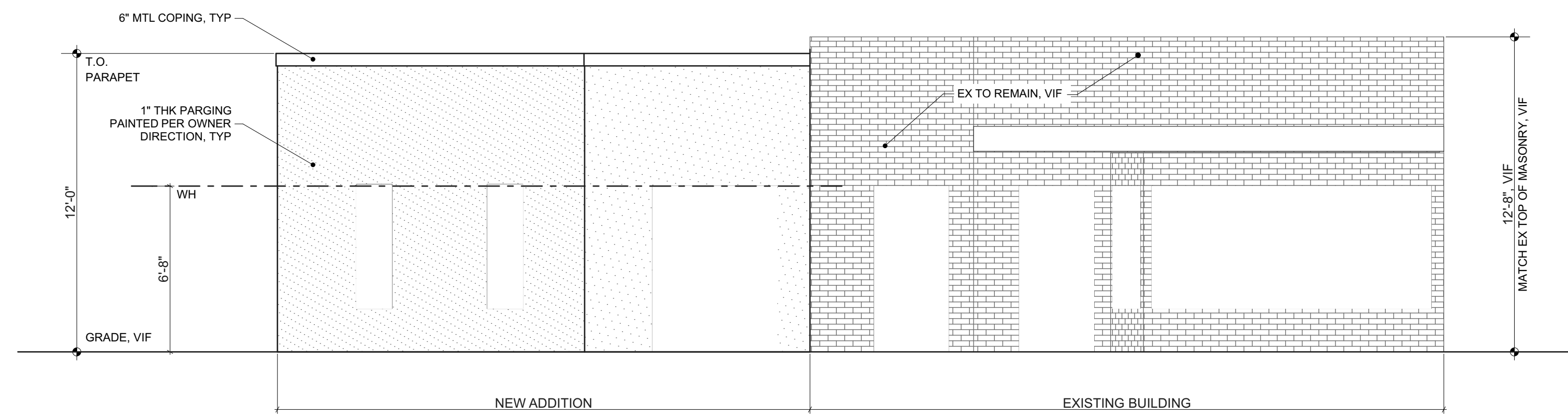
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ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE

| OCCUPANCY CLASSIFICATION | SEE FOOTNOTES | TYPE OF CONSTRUCTION | | | | | | | | | |
|--------------------------|-----------------|----------------------|-----|---------|----|----------|----|---------|----|--------|--|
| | | TYPE I | | TYPE II | | TYPE III | | TYPE IV | | TYPE V | |
| | | A | B | A | B | A | B | HT | A | B | |
| A, B, E, F, M, S, U | NS ^b | UL | 160 | 65 | 55 | 65 | 55 | 65 | 50 | 40 | |
| | S | UL | 180 | 85 | 75 | 85 | 75 | 85 | 70 | 60 | |

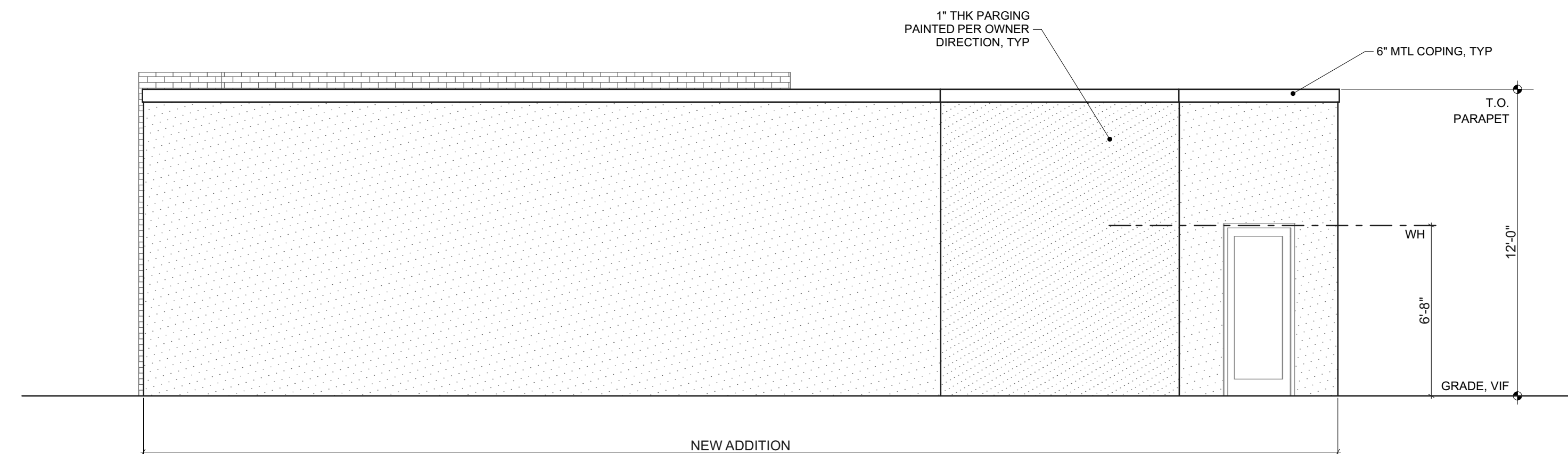
FENETRATION CALCULATIONS

290.34 (FEN) / 2566.99 (WALL) = .11%



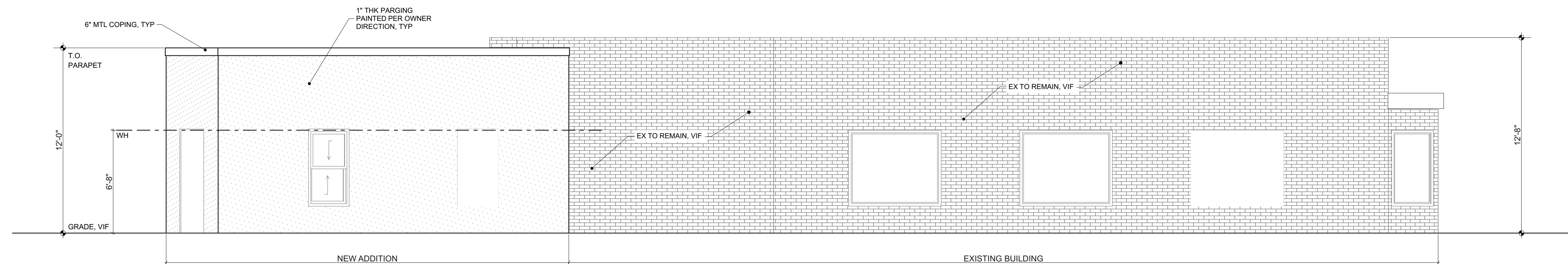
Front Elevation (South)
1/4" = 1'-0"

1.
A2.1



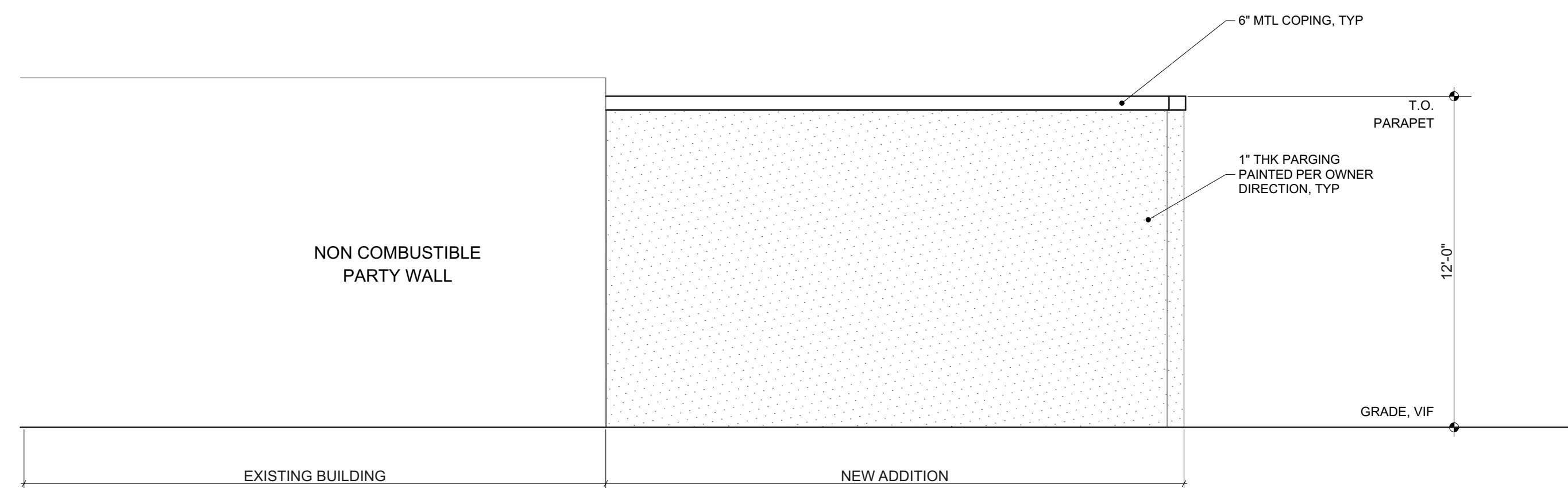
Rear Elevation (North)
1/4" = 1'-0"

2.
A2.1



Side Elevation (West)
1/4" = 1'-0"

3.
A2.1



Partial Side Elevation (East)
1/4" = 1'-0"

4.
A2.1

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Montgomery County
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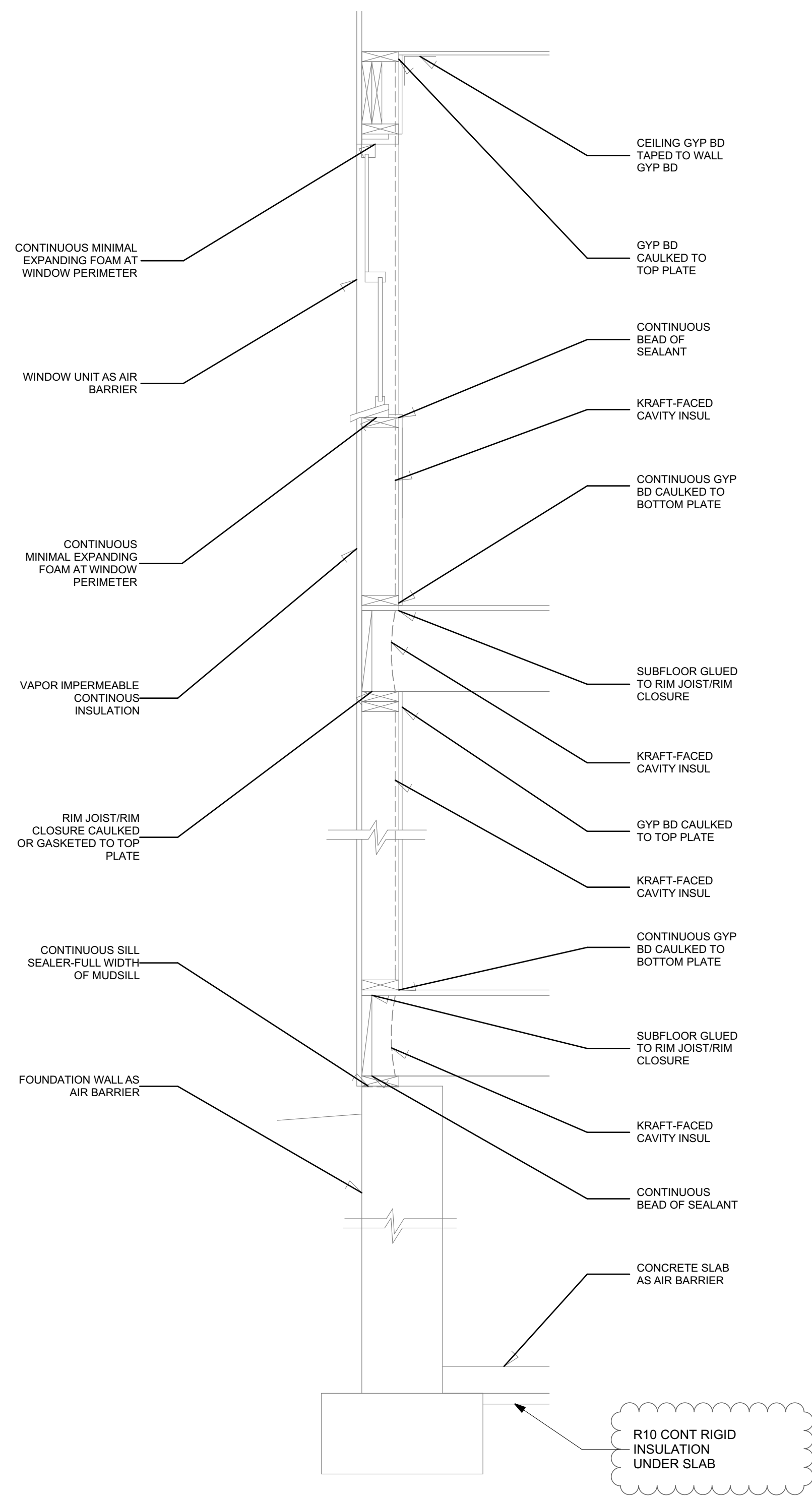
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A2.1



BUILDING ENVELOPE SECTION (AIR BARRIER) 1.
GRAPHICAL PURPOSES ONLY A3.1

TABLE G3.4 Performance-Rating-Method-Building-Envelope Requirements for Climate Zone 4 (A,B,C)*

| Opaque Elements | Nonresidential | | Residential | | Semiheated | |
|------------------------------------|------------------------|---------------------------|------------------------|---------------------------|------------------------|---------------------------|
| | Assembly Maximum | | Assembly Maximum | | Assembly Maximum | |
| Roofs | | | | | | |
| Insulation entirely above deck | U-0.063 | | U-0.063 | | U-0.218 | |
| Walls, Above-Grade | | | | | | |
| Steel-framed | U-0.124 | | U-0.064 | | U-0.124 | |
| Wall, Below-Grade | | | | | | |
| Below-grade wall | C-1.140 | | C-1.140 | | C-1.140 | |
| Floors | | | | | | |
| Steel-joist | U-0.052 | | U-0.038 | | U-0.069 | |
| Slab-on-Grade Floors | | | | | | |
| Unheated | F-0.730 | | F-0.730 | | F-0.730 | |
| Opaque Doors | | | | | | |
| Swinging | U-0.700 | | U-0.700 | | U-0.700 | |
| Nonswinging | U-1.450 | | U-0.500 | | U-1.450 | |
| Fenestration | Assembly Max. U | Assembly Max. SHGC | Assembly Max. U | Assembly Max. SHGC | Assembly Max. U | Assembly Max. SHGC |
| Vertical Glazing, % of Wall | | | | | | |
| 0% to 10.0% | U _{air} 0.57 | SHGC _{air} 0.39 | U _{air} 0.57 | SHGC _{air} 0.39 | U _{air} 1.22 | SHGC _{air} NR |
| 10.1% to 20.0% | U _{air} 0.57 | SHGC _{air} 0.39 | U _{air} 0.57 | SHGC _{air} 0.39 | U _{air} 1.22 | SHGC _{air} NR |
| 20.1% to 30.0% | U _{air} 0.57 | SHGC _{air} 0.39 | U _{air} 0.57 | SHGC _{air} 0.39 | U _{air} 1.22 | SHGC _{air} NR |
| 30.1% to 40.0% | U _{air} 0.57 | SHGC _{air} 0.39 | U _{air} 0.57 | SHGC _{air} 0.39 | U _{air} 1.22 | SHGC _{air} NR |
| Skylight All, % of Roof | | | | | | |
| 0% to 2.0% | U _{air} 0.69 | SHGC _{air} 0.49 | U _{air} 0.58 | SHGC _{air} 0.36 | U _{air} 1.36 | SHGC _{air} NR |
| 2.1% + | U _{air} 0.69 | SHGC _{air} 0.39 | U _{air} 0.58 | SHGC _{air} 0.19 | U _{air} 1.36 | SHGC _{air} NR |

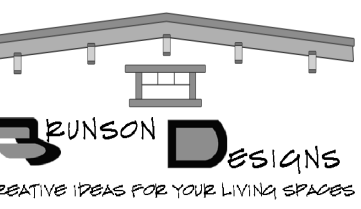
*The following definitions apply: c.i. = continuous insulation (see Section 3.2), NR = no (insulation) requirement.
a. Exception to Section A3.1.3.1 applies.

TABLE G3.5.1 Performance Rating Method Air Conditioners

| Equipment Type | Size Category | Heating Section Type | Subcategory or Rating Condition | Minimum Efficiency | Test Procedure |
|------------------------------|-----------------------------------|----------------------|---------------------------------|--------------------|----------------|
| Air conditioners, air-cooled | <65,000 Btu/h | All | Single-package | 9.7 SEER | ARI 210/240 |
| | ≥65,000 Btu/h and <135,000 Btu/h | | Split-system and single-package | 10.1 EER | ARI 340/360 |
| | ≥135,000 Btu/h and <240,000 Btu/h | | | 9.5 EER | |
| | ≥240,000 Btu/h and <760,000 Btu/h | | | 9.3 EER 9.4 IEER | |
| | ≥760,000 Btu/h | | | 9.0 EER 9.1 IEER | |

TABLE G3.7 Performance Rating Method Lighting Power Density Allowances and Occupancy Sensor Reductions Using the Space-by-Space Method

| Common Space Types ^a | Lighting Power Density, W/ft ² | Occupancy Sensor Reduction ^b |
|--|---|---|
| Audience Seating Area | | |
| Auditorium | 0.90 | 10% |
| Convention center | 0.70 | 10% |
| Exercise center | 0.30 | 10% |
| Gymnasium | 0.40 | 10% |
| Motion picture theater | 1.20 | 10% |
| Penitentiary | 0.70 | 10% |
| Performing arts theater | 2.60 | 10% |
| Religious facility | 1.70 | 10% |
| In a sports arena | 0.40 | 10% |
| Transportation facility | 0.50 | 10% |
| All other audience seating area | 0.90 | 10% |
| Atrium | | |
| ≤40 ft in height | 0.0375 per foot in total height | 10% |
| >40 ft in height | 0.50 + 0.025 per foot in total height | 10% |
| Banking Activity Area | 1.50 | 10% |
| Breakroom (See Lounge/Breakroom) | | |
| Classroom/Lecture Hall/Training Room | | |
| Penitentiary | 1.30 | None |
| Preschool through 12th grade, laboratory, and shop classrooms | 1.40 | 30% |
| All other classroom/lecture hall/training room | 1.40 | None |
| Conference/Meeting/Multipurpose Room | 1.30 | None |
| Confinement Cells | 0.90 | 10% |
| Copy/Print Room | 0.90 | 10% |
| Corridor | | |
| Facility for the visually impaired (and used primarily by residents) | 1.15 | 25% |
| Hospital | 1.00 | 25% |
| Manufacturing facility | 0.50 | 25% |
| All other corridor | 0.50 | 25% |
| Courtroom | 1.90 | 10% |
| Computer Room | 2.14 | 35% |



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Energy Tables, Envelope Air barrier



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A3.0

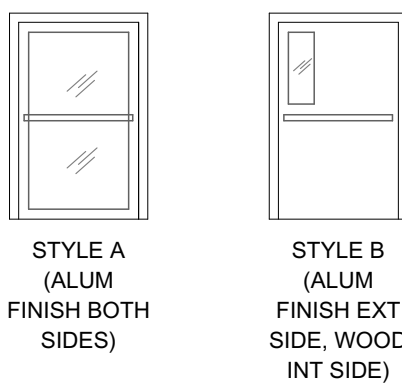
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Montgomery County
Historic Preservation Commission

REVIEWED
By Dan.Bruechert at 11:58 am, Apr 02, 2021

| WALL TYPES | |
|------------|---|
| SYM. | DESCRIPTION |
| 1 | EX CMU WALL W/FURR 2X4'S 16" OC W/1/2" GYP BD FINISH INTERIOR AND BRICK VENEER EXTERIOR FINISH, VIF |
| 2 | 8" CMU WALL W/FURR 2X4'S 16" OC W/1/2" GYP BD FINISH INTERIOR |

| DOOR SCHEDULE | | | | | | | | |
|---------------|------|-----|--------|-----|----------|-------|-------|--|
| SYM | SIZE | | | QTY | MAT | HC/SC | STYLE | REMARKS |
| | W | H | THK | | | | | |
| 1 | 3-0 | 7-0 | 1 3/4" | 1 | GLS/ALUM | SC | A | EXTERIOR SWING DOOR. Hardware: Provide CRL Satin Aluminum Cross Bar Panic Exit Device - Right Hand Reverse Bevel Rim. 90 MIN FIRE RATED DOOR |
| 2 | 3-0 | 7-0 | 1 3/4" | 1 | GLS/ALUM | SC | A | EXTERIOR SWING DOOR. Hardware: Provide CRL Satin Aluminum Cross Bar Panic Exit Device - Left Hand Reverse Bevel Rim. 90 MIN FIRE RATED DOOR |
| 3 | 3-0 | 7-0 | 1 3/4" | 1 | GLS/ALUM | SC | B | EXTERIOR SWING DOOR. Hardware: Provide CRL Satin Aluminum Cross Bar Panic Exit Device - Left Hand Reverse Bevel Rim. 90 MIN FIRE RATED DOOR |
| 4 | 3-0 | 7-0 | 1 3/4" | 1 | GLS/ALUM | SC | B | EXTERIOR SWING DOOR. Hardware: Provide CRL Satin Aluminum Cross Bar Panic Exit Device - Right Hand Reverse Bevel Rim. 90 MIN FIRE RATED DOOR |

- NOTES:**
- Check drawings for swing directions and locations.
 - All door hardware TO BE SELECTED BY OWNER unless otherwise noted.
 - All doors will be painted, typ.
 - Shop drawings to be submitted to Designer for approval.
 - Rated doors to have compatible equal rated frames.
 - Apply foam backer rod, weather stripping and insulation foam caulk at door surround.
 - Doors to outside shall be self-closing and rodent proof w/no gaps greater than 1/4"
 - The exit doors must always provide free egress at all times per Section 1008.1.9.
 - PANIC HARDWARE: Each door capable of latching or locking in a means of egress from Group E with occupant load of 50 or more shall be equipped with panic or fire exit hardware.
 - FIRE DOORS TO BE SELF-CLOSING. Hydraulic Norton 161-Series Door Closer (Parallel Arm) OR SIM MANUF
 - DOOR SWINGING = U-0.61. DOOR NON SWINGING = R-4.75



| WINDOW SCHEDULE | | | | | | | |
|-----------------|-----|----------|----------|-------|-----|-------------|-------------|
| SYM | QTY | CAT. NO. | U-FACTOR | FRAME | | TYPE | INFORMATION |
| | | | | W | H | | |
| A | 2 | | .30 | 3-0 | 5-0 | DOUBLE HUNG | |

- WINDOWS SPECIFIED ARE BY: CONSULT W/OWNERS
- WINDOWS ARE: ALUM, LOW "E" COATING W/ARGON GAS UNLESS OTHERWISE NOTED
- PROVIDE ALL THE NECESSARY HARDWARE, WEATHER STRIPPING, TRIM PIECES, ETC.
- PROVIDE SCREENS FOR ALL OPERABLE WINDOWS. COLOR TO BE SELECTED BY OWNER.
- REFER TO PLANS AND ELEVATIONS FOR WINDOW LOCATIONS, VERIFY SIZES AND QUANTITIES.
- APPLY FOAM BACKER ROD AND CAULK TO EXTERIOR PERIMETER OF TRIM AT SIDING JOINT.

| FINISH SCHEDULE | | | | | |
|-----------------------|-------------|------|------|---------|---|
| DESIGNATION | FLOOR | WALL | BASE | CEILING | REMARKS |
| EX TOILET, ADA TOILET | VINYL | PDW | WOOD | PDW | GLOSSY WASHABLE PAINT @ WALLS. PROVIDE "SMOOTH" WASHABLE CEILING TILE |
| CLASS RM #1, #2, #3 | VINYL PLANK | PDW | WOOD | PDW | |
| EX CLO(S) | VINYL PLANK | PDW | WOOD | PDW | |
| CORRIDOR | VINYL PLANK | PDW | WOOD | PDW | |
| EX HVAC CLO | VINYL | PDW | NONE | PDW | |

PDW = PAINTED DRYWALL
GYP BD = GYPSUM BOARD

LEGEND

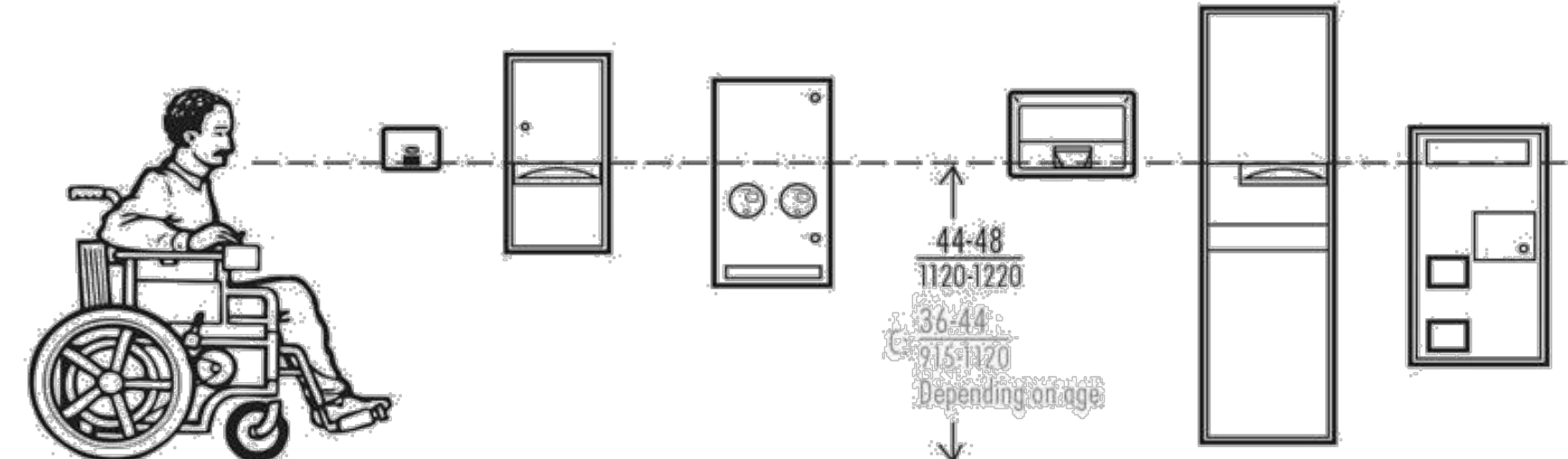
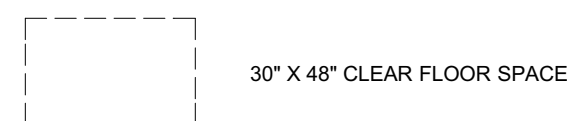


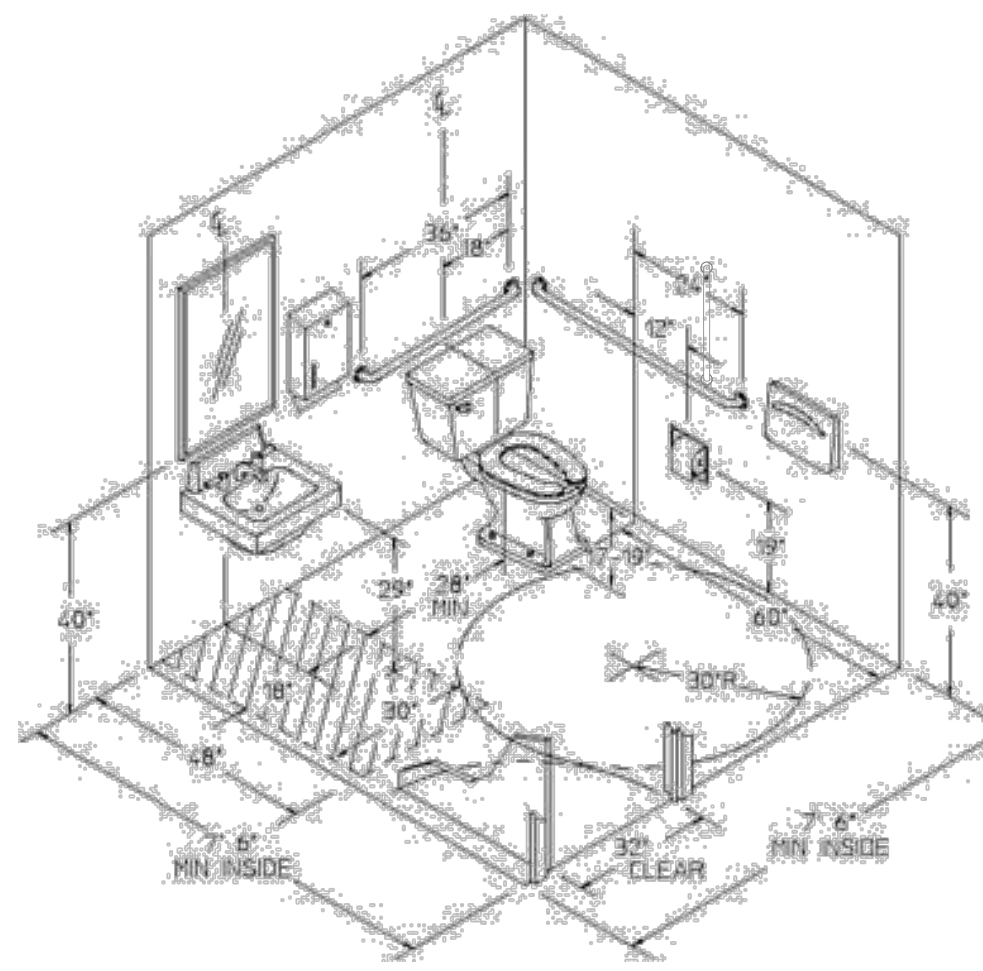
Fig. 1a Upper Range of Mounting Heights for Restroom Accessories with Operable Parts.

GENERAL DEMOLITION NOTES

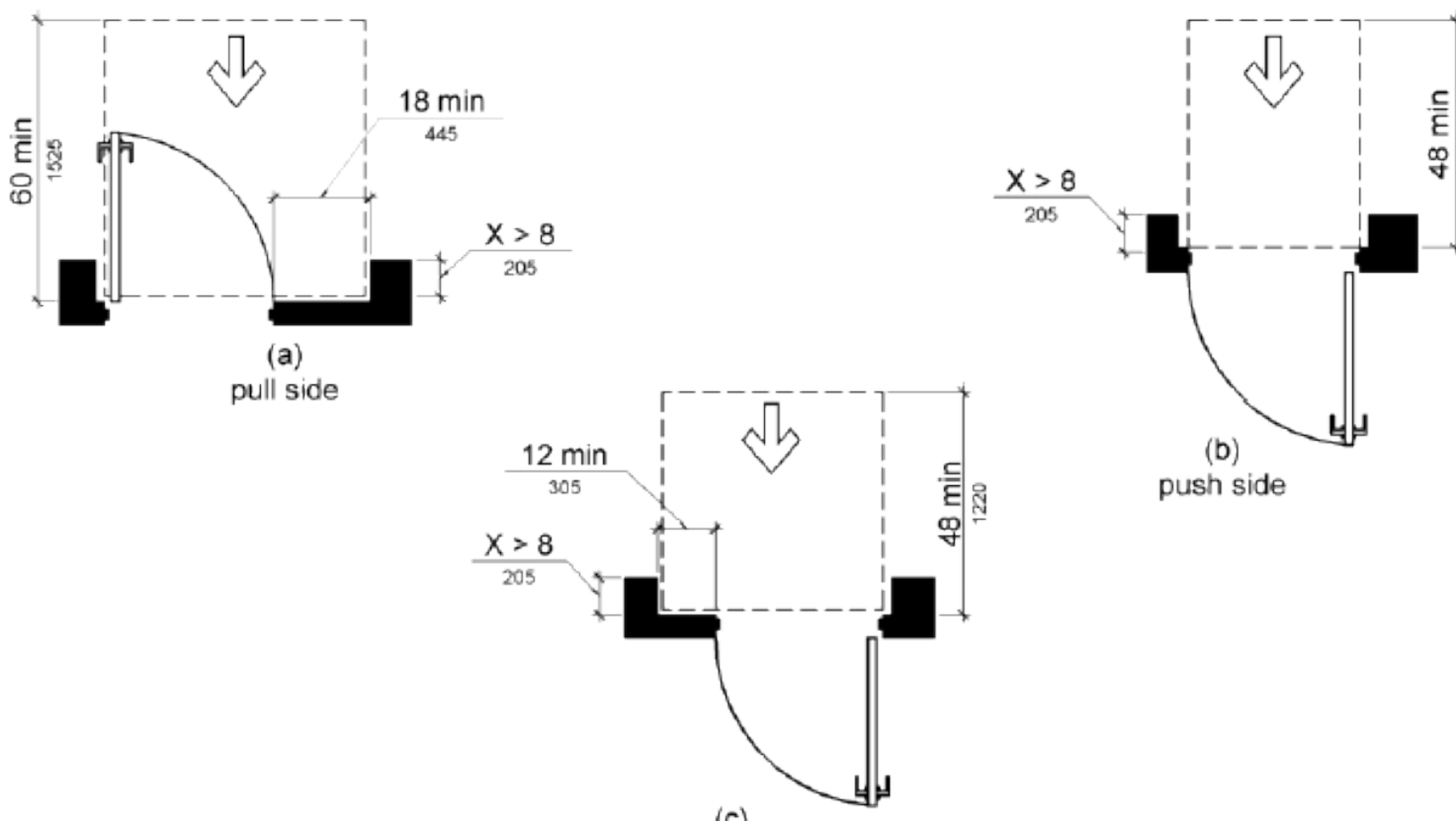
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- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF ALL EXISTING BUILDING COMPONENTS, MATERIALS, EQUIPMENT, AND APPURTENANCES AS REQUIRED TO BUILD, ERECT, INSTALL, OR ACCOMMODATE ALL NEW CONSTRUCTION, WITH THE CONTRACTING OFFICE HAVING FIRST RIGHT OF REFUSAL ON ALL REMOVED ITEMS.
- ITEMS NOTED TO BE REMOVED AND SALVAGED OR REINSTALLED SHALL BE CAREFULLY REMOVED BY THE CONTRACTOR WITHOUT DAMAGE AND STORED OR REINSTALLED ON THE SITE AS DIRECTED. REMOVED AND SALVAGED ITEMS SHALL REMAIN THE PROPERTY OF THE OWNER.
- IN THE EVENT THE CONTRACTOR ENCOUNTERS ON THE SITE MATERIAL REASONABLY BELIEVED TO BE ASBESTOS, LEAD-BASED PAINT, OR ANY HAZARDOUS MATERIAL WHICH HAS NOT BEEN RENDERED HARMLESS, THE CONTRACTOR SHALL IMMEDIATELY REPORT THE CONDITION TO THE OWNER AND PROPER ABATEMENT SHALL BE DONE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE ERECTION, MAINTENANCE AND REMOVAL OF ALL CONSTRUCTION ASSISTANCE DEVICES SUCH AS SCAFFOLDING AND BARRIERS.

GENERAL NOTES:

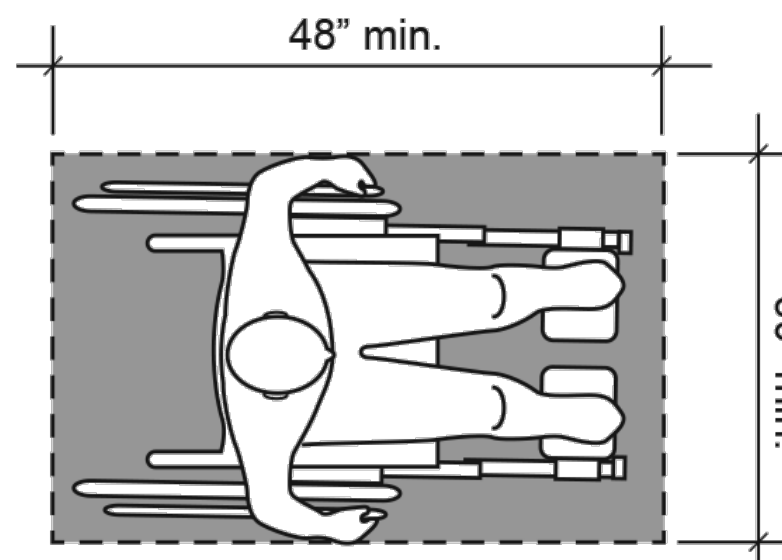
- STUD MEASUREMENTS ARE FROM UNFINISHED MATERIAL TO UNFINISHED MATERIAL.
- COORDINATE ALL FINISH MATERIALS AND ALL FINAL PRODUCTS WITH OWNER.
- ALL MEASUREMENTS NEED TO BE VERIFIED IN FIELD.
- UNLESS OTHERWISE NOTED, ALL DETAILS, SECTIONS AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR CONDITIONS ELSEWHERE.
- ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE DRAWINGS AND OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER BEFORE PROCEEDING WITH ANY WORK INVOLVED.
- THE CONTRACTOR SHALL VERIFY ALL JOB SITE CONDITIONS AND RELATED DIMENSIONS PRIOR TO CONSTRUCTION.
- COMPLIANCE WITH CODES AND ORDINANCES GOVERNING THE WORK SHALL BE MADE AND ENFORCED BY THE GENERAL CONTRACTOR.
- MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION OF MATERIALS SHALL BE FOLLOWED.
- NO WORK OR ORDERING OF MATERIAL MAY BE STARTED UNTIL ALL DIMENSIONS AND MEASUREMENTS WHICH MAY BE FOUND INDICATED ON DRAWINGS HAVE BEEN VERIFIED.
- NO PLANS SHALL BE SCALED; DIMENSIONS SHALL BE USED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTION AND MISALIGNMENT ACCORDING TO APPLICABLE CODES AND STANDARDS.
- THE CONTRACTOR SHALL REPAIR AND RESTORE TO ITS ORIGINAL CONDITION ALL WORK AND ITEMS DAMAGED AS A RESULT OF BUILDING OPERATIONS AND SHALL LEAVE THE WORK COMPLETED TO THE TRUE INTENT OF THE DRAWINGS AND SPECIFICATIONS AND THE SATISFACTION OF THE DESIGNER AND OWNER.
- ANY DISTURBANCE OR DAMAGE TO THE EXISTING BUILDING OR UTILITIES RESULTING EITHER DIRECTLY OR INDIRECTLY FROM THE OPERATION OF THESE DRAWINGS SHALL BE PROMPTLY REPAIRED, RESTORED OR REPLACED TO THE SATISFACTION OF THE DESIGNER AT NO ADDITIONAL COST TO THE OWNER.
- ALL TRANSITIONS OF NEW WORK TO EXISTING (WALLS, FLOORS AND CEILINGS) WORK SHALL BE CAREFULLY EXECUTED. EXISTING CONSTRUCTION SHALL BE REPAIRED AS NEEDED AND PATCHED TO MATCH FINISHES OF ADJACENT SURFACES.
- THE CONTRACTOR SHALL COORDINATE THE WORK WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ALL NECESSARY OPENINGS AND PENETRATIONS THROUGH WALLS, CEILINGS AND FLOORS.
- ALL EXPOSED PIPES, CONDUITS OR DUCTS IN FINISHED AREAS, WHETHER SHOWN ON DRAWINGS OR NOT, SHALL BE FURRED OUT WITH GYP BD.
- ALL PLUMBING, ELECTRICAL AND MECHANICAL WORK WHICH SHALL BE ABANDONED FOR PROPOSED CONSTRUCTION WORK SHALL BE CUT BACK, REROUTED, CAPPED AND SAFED OFF.
- ALL MATERIALS AND CONSTRUCTION TO BE INCORPORATED IN THE WORK SHALL BE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE ASTM SPECIFICATIONS APPLICABLE AND SHALL CONFORM TO THE STANDARDS AND RECOMMENDATIONS OF THE VARIOUS TRADE INSTITUTES (A.C.I., A.I.S.C., ETC).
- ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE LOCAL JURISDICTION. UNLESS OTHERWISE AGREED UPON THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SECURING ALL BUILDING PERMITS AS REQUIRED FOR THE WORK HE IS TO PERFORM AND WILL RETAIN AND PAY FOR ALL REQUIRED INSPECTIONS DURING THE CAUSE OF THE WORK.
- CONTRACTOR SHALL VISIT SITE AND BE AWARE OF EXISTING CONDITIONS TO THE EXTENT AND INFLUENCE OF THE WORK.
- ANY DAMAGE TO THE NEW OR EXISTING CONSTRUCTION CAUSED BY THE CONTRACTOR'S NEGLIGENCE OR INADEQUATE PROTECTION OR SECURITY DURING CONSTRUCTION ARE TO BE CORRECTED AT HIS OWN EXPENSE.
- DRAWINGS ARE NOT TO BE SCALED FOR DIMENSION AND/OR SIZES. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD MEASURE THE EXISTING CONDITIONS PRIOR TO BEGINNING OF WORK AND PERIODICALLY DURING PROGRESS OF WORK TO VERIFY ALL CRITICAL DIMENSIONS. ANY DEVIATION FROM DIMENSIONS INDICATED ON THE DRAWINGS IS TO BE APPROVED BY DESIGNER PRIOR TO CONSTRUCTION.
- PIPING, CONDUIT AND SIMILAR CONSTRUCTION, LOCATED OUTSIDE OF A WALL, MUST BE INSTALLED SO THAT THERE IS A MINIMUM OF 1/2" INCH SPACE BETWEEN IT AND THE WALL OR ELSE SEALED TO THE EQUIPMENT OR WALL.
- THE MINIMUM LIGHTING REQ ARE: 50 FOOT CANDLES OF LIGHT IN THE FOOD PREP AREA AND UTENSIL WASHING AREAS; 20 FOOT CANDLES IN RESTROOMS, EMPLOYEE LOCKER ROOMS, STORAGE AREAS INCLUDING WALK-IN UNITS, GARBAGE DISPOSAL AREAS AND ON THE FOOD EQUIPMENT; AND 10 FOOT CANDLES OF LIGHT IN ALL OTHER AREAS MEASURED AT A DISTANCE OF 30 IN FROM THE FLOOR.
- ALL AISLE SPACE OF THIRTY SIX (36") MIN SHALL BE PROVIDED WITHIN ALL WORK AND STORAGE AREA.
- ALL MEANS OF EGRESS DOORS SHALL BE READILY OPENABLE FROM EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL EFFORT AND SHALL HAVE MIN CLEAR WIDTH OF 32". DOORS SHALL BE OPENABLE WITH NO MORE THAN ONE RELEASING OPERATION.
- ALL INTERIOR FINISHES SHALL BE IN ACCORDANCE WITH THE IBC 803.0 AND SHALL HAVE A FLAME SPREAD RATING OF LESS THAN OR EQUAL TO 25 AND A MAX SMOKE GENERATION FACTOR OF 450.
- ALL PASSAGEWAYS SHALL MAINTAIN A MIN OF 44" IN ACCORDANCE WITH IBC 1005.
- ANY GLASS SUBJECT TO HUMAN IMPACT SHALL BE SAFETY GLASS PER IBC 2406.
- A MIN CEILING HEIGHT OF 7'-6" SHALL BE MAINTAINED IN ALL OCCUPABLE SPACES.
- PROVIDE PORTABLE FIRE EXTINGUISHERS AS PER NFPA 10.
- EMERGENCY LIGHTING UNITS ARE TO BE WIRED INTO A NORMAL LIGHTING CIRCUIT AND BE ARRANGED TO PROVIDE THE REQUIRED ILLUMINATION AUTOMATICALLY IN THE EVENT OF ANY SUDDEN INTERRUPTION OF NORMAL LIGHTING.
- PROVIDE PERSONAL STORAGE AND/OR LOCKERS AND HOOKS FOR EMPLOYEES.



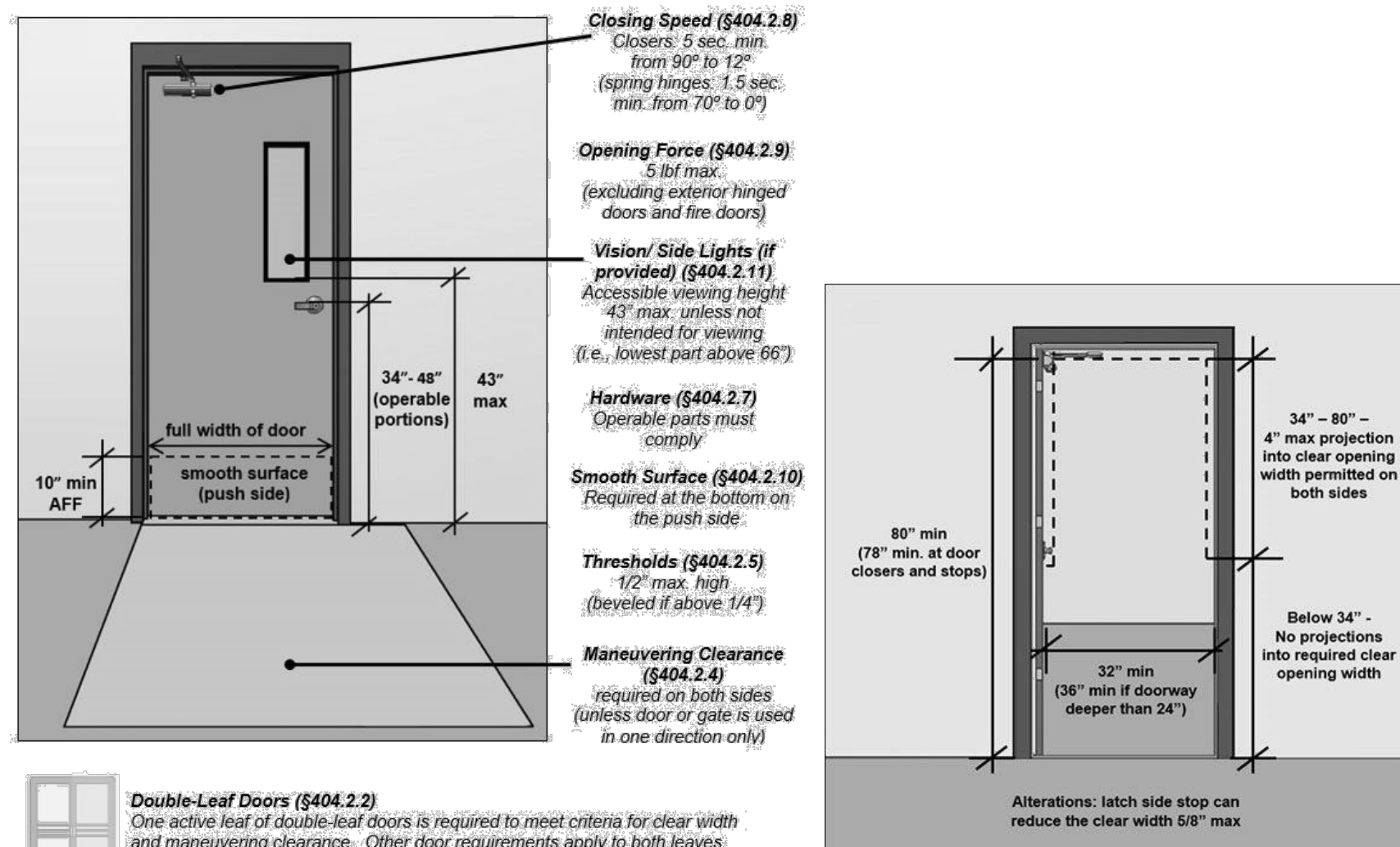
ADA BATHROOM LAYOUT MIN STANDARDS PER CODE



MINIMUM CLEARANCES FOR FRONT APPROACH WITH DOOR CLOSER



MINIMUM CLEAR FLOOR SPACE FOR WHEELCHAIR



BASIC ADA REQUIREMENTS FOR DOORS

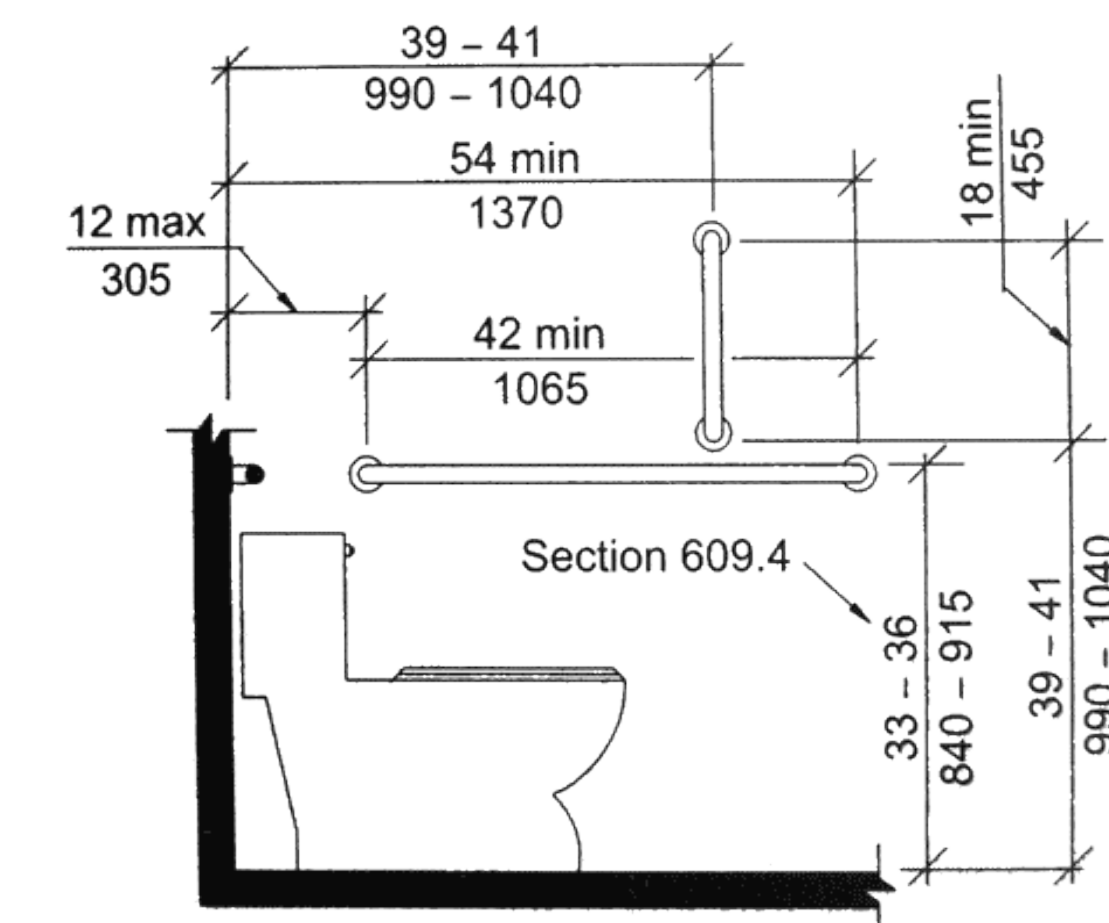


Fig. 604.5.1 Side Wall Grab Bar for Water Closet

APPROVED
Montgomery County
Historic Preservation Commission

REVIEWED
By Dan.Bruechert at 11:58 am, Apr 02, 2021



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LICENSE NO.: 14248
EXPIRATION DATE: 6.30.21

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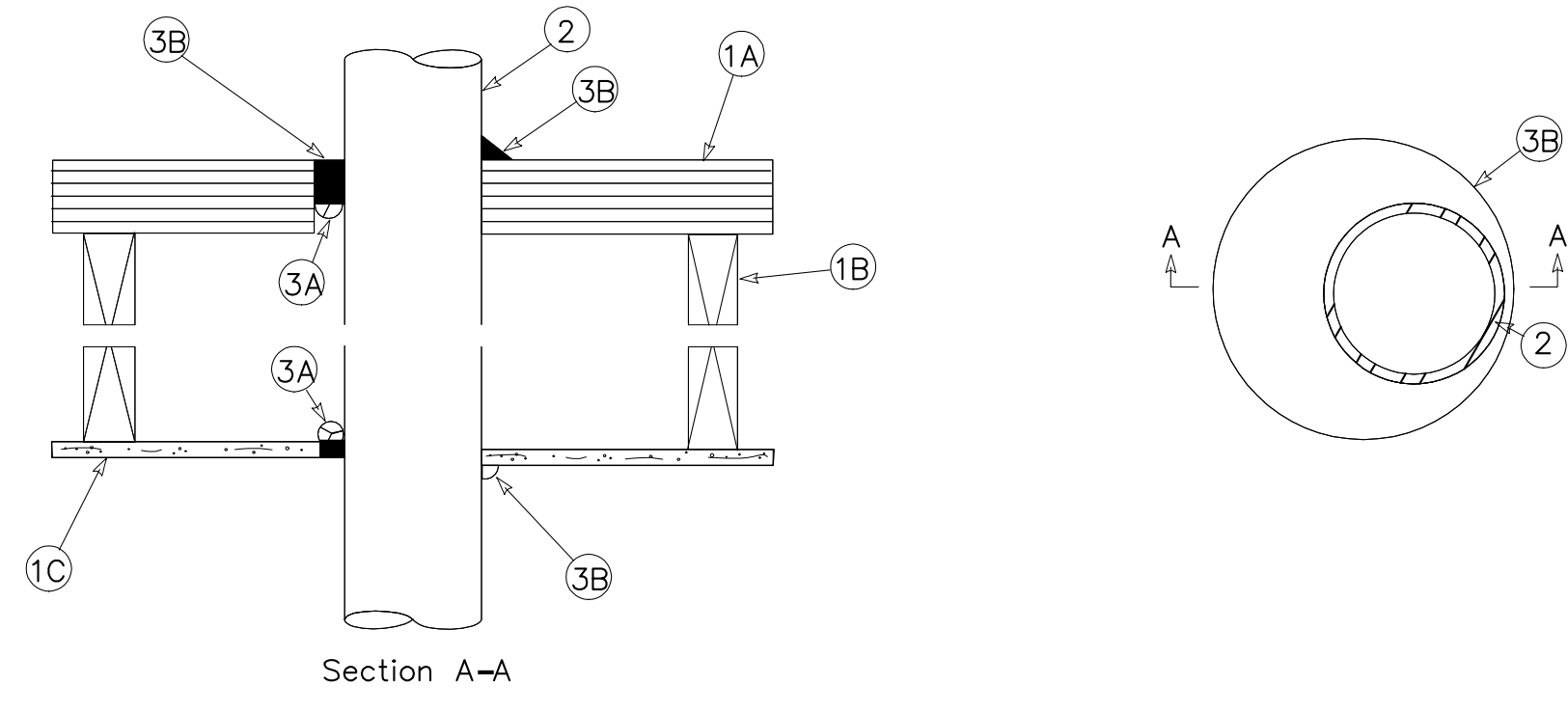
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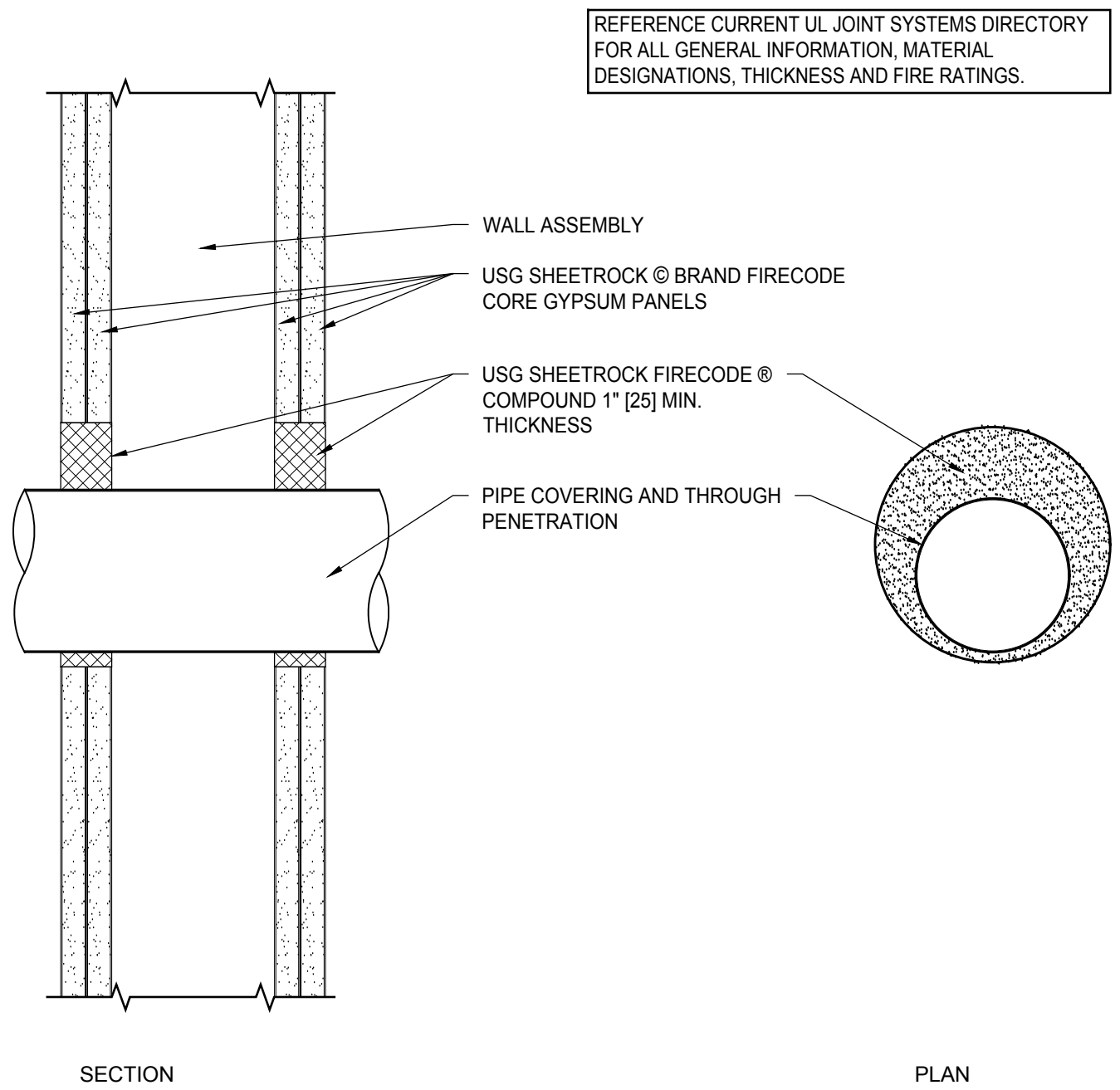
NOTES

1. ALL AUTO GRAVITY DAMPER SHALL BE INSTALLED IN ALL AIR INTAKE AND EXHAUST VENTS PER IECC R403.5
2. THIS PROJECT IS REQUIRED TO SUBMIT AT FINAL INSPECTION A DUCT LEAKAGE TEST SHOWING A PASSING RATING OF ≤ 8 CFM PER 100 SF CONDITIONED FLOOR AREA AT A PRESSURE OF 25 PASCAL. A WRITTEN REPORT OF THE RESULTS OF THE TEST SHALL BE SIGNED BY THE PARTY CONDUCTING THE TEST AND PROVIDED TO THE CODE OFFICIAL.
3. AIR HANDLERS SHALL HAVE MANUFACTURER DESIGNATION FOR LEAKAGE RATE OF 2%

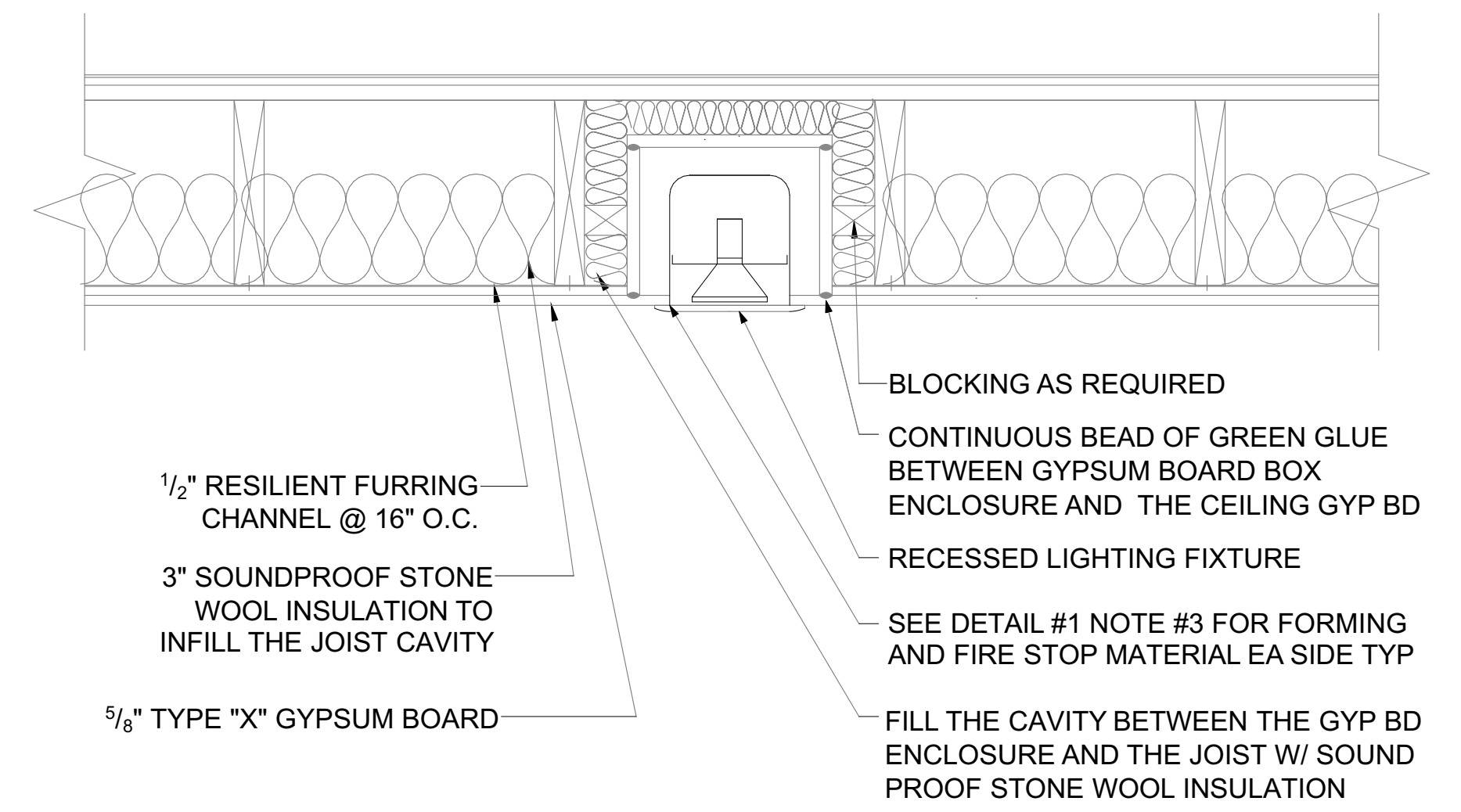


1. Floor/ceiling assembly:
 - A. Flooring system: 5/8" thick plywood/2"x4" continuous wood deck.
 - B. Wood joist: Nom. 2" x 10" lumber joist.
 - C. Ceiling system: 1 layer of 5/8" gypsum wall board, per UL Design.
2. Metallic pipe:
 - A. Steel pipe: 8" diameter (or smaller) schedule 40 (or heavier) steel pipe.
 - B. Iron pipe: 8" diameter (or smaller) cast or ductile iron pipe.
 - C. Conduit: 4" diameter (or smaller) electrical metallic tubing (EMT) or steel conduit.
 - D. Copper tubing: 4" diameter (or smaller) Type L (or heavier) copper tubing.
 - E. Copper pipe: 4" diameter (or smaller) regular (or heavier) copper pipe. Annular space from minimum 0" to maximum 7/8".
3. Forming and fire stop materials:
 - A. Forming material (optional): Foam backer rod packed into opening as a permanent form.
 - B. Type IA: Minimum 1/2" thick sealant applied in the annulus, plus in the top of the floor and bottom of the ceiling assemblies. Additional sealant to be applied such that a minimum 1/2" crown is formed around the penetrating item.

1 FIRESTOP CEILING/FLOOR PENETRATION DETAIL F-C-3054
 NOT IN SCALE



2 FIRESTOP - WALL PENETRATION DETAIL -U605
 NOT IN SCALE



3 1HR FLOOR ASSEMBLY -RECESSED LIGHT UL DES U501
 NOT IN SCALE

APPROVED
 Montgomery County
 Historic Preservation Commission

Robert H. ...

REVIEWED
 By Dan.Bruechert at 11:58 am, Apr 02, 2021



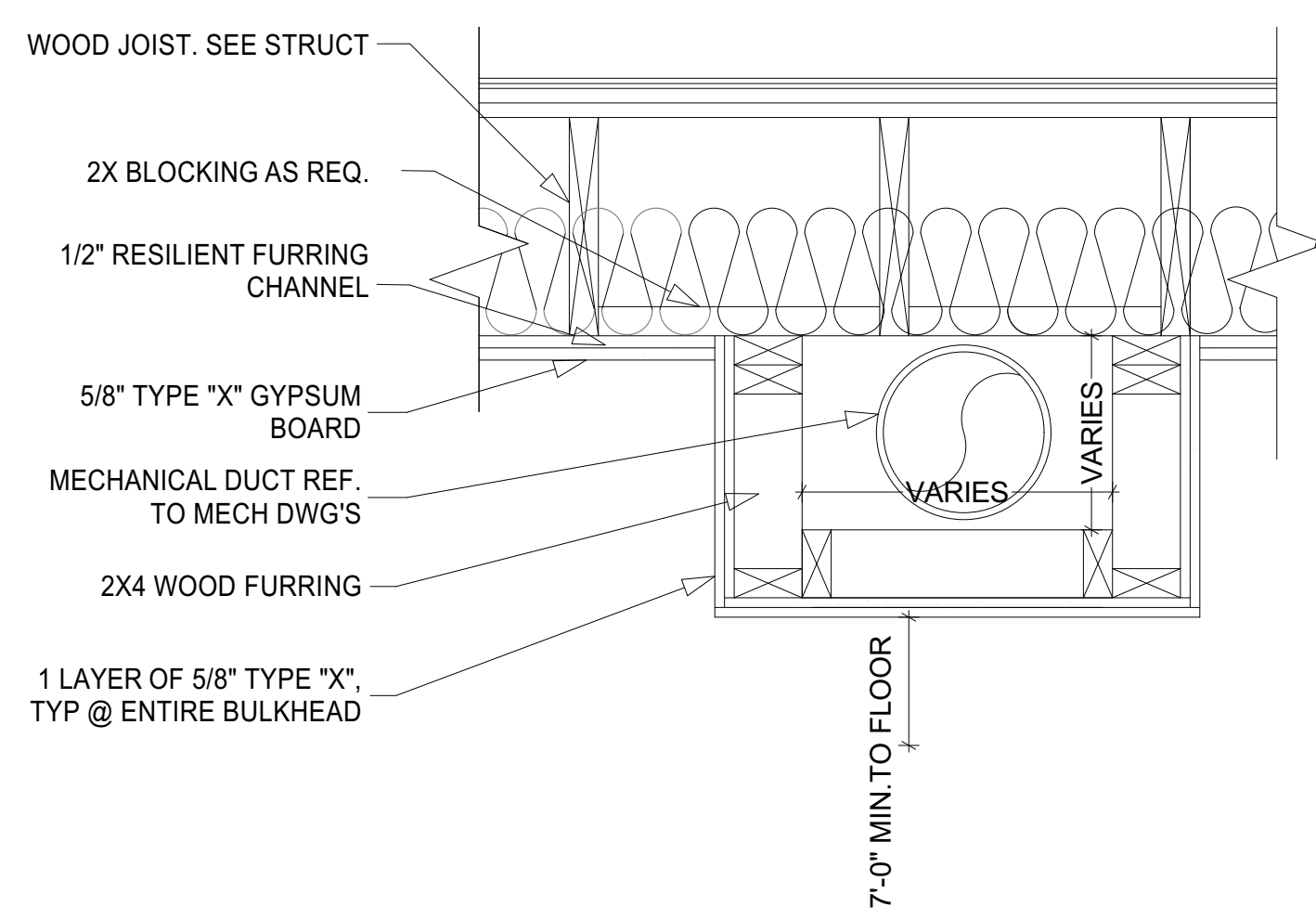
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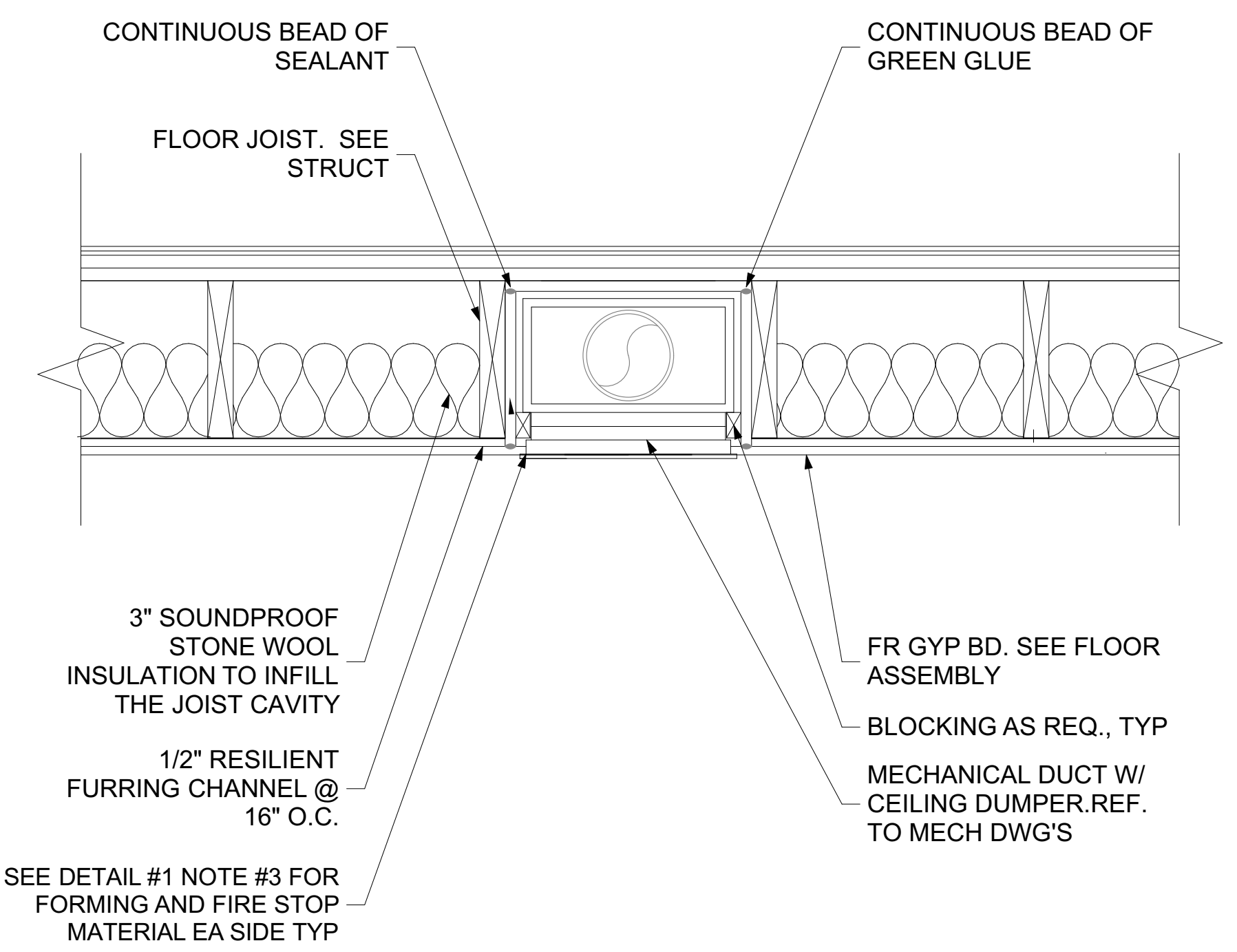
Drawing Scale

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| LB | 10.30.20 |
| Revision | Date |

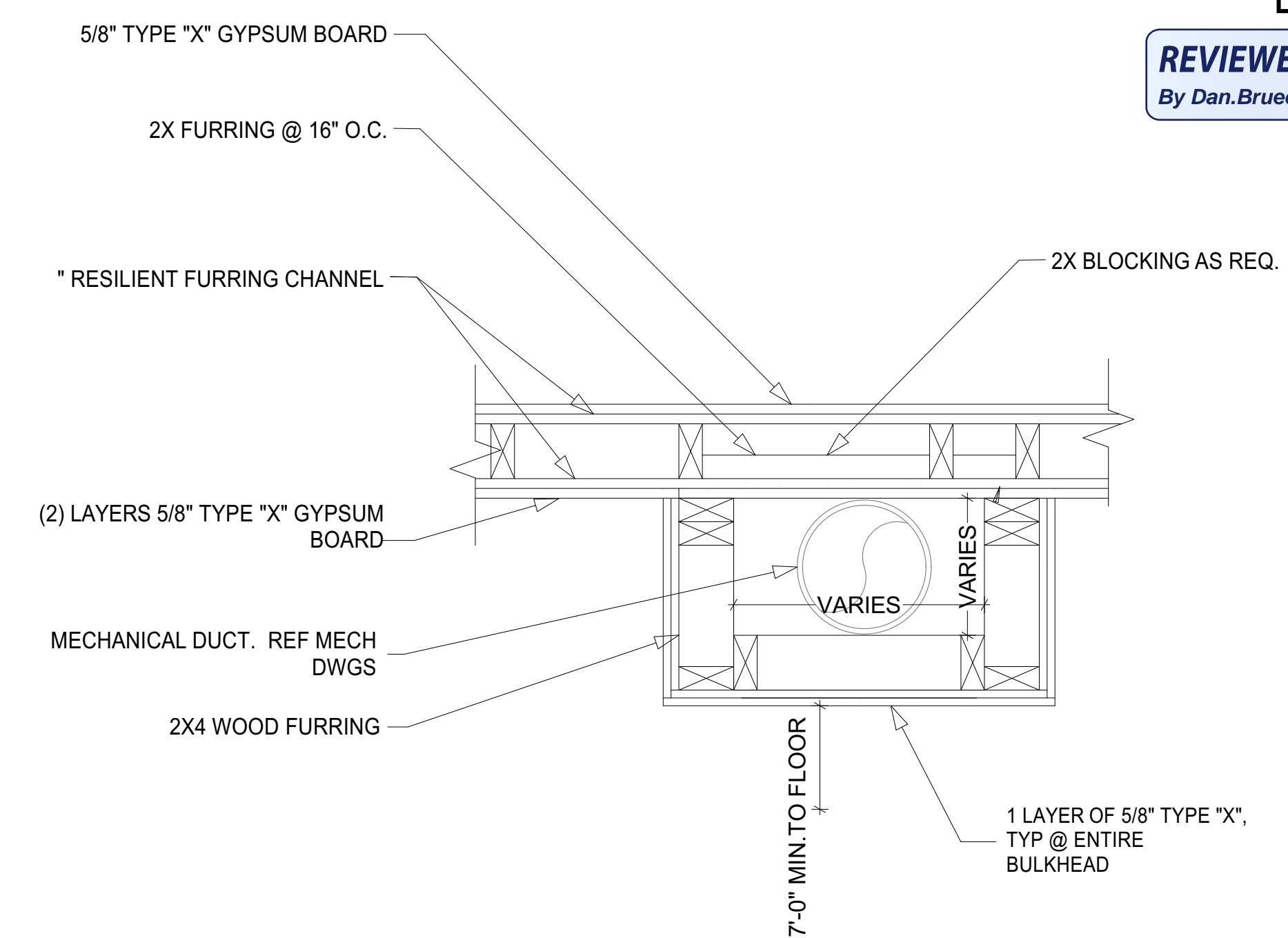
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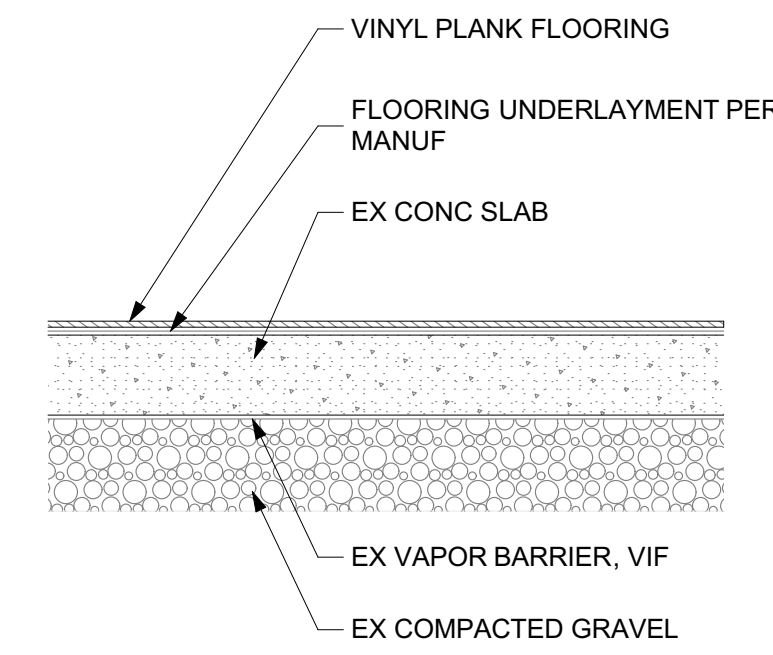
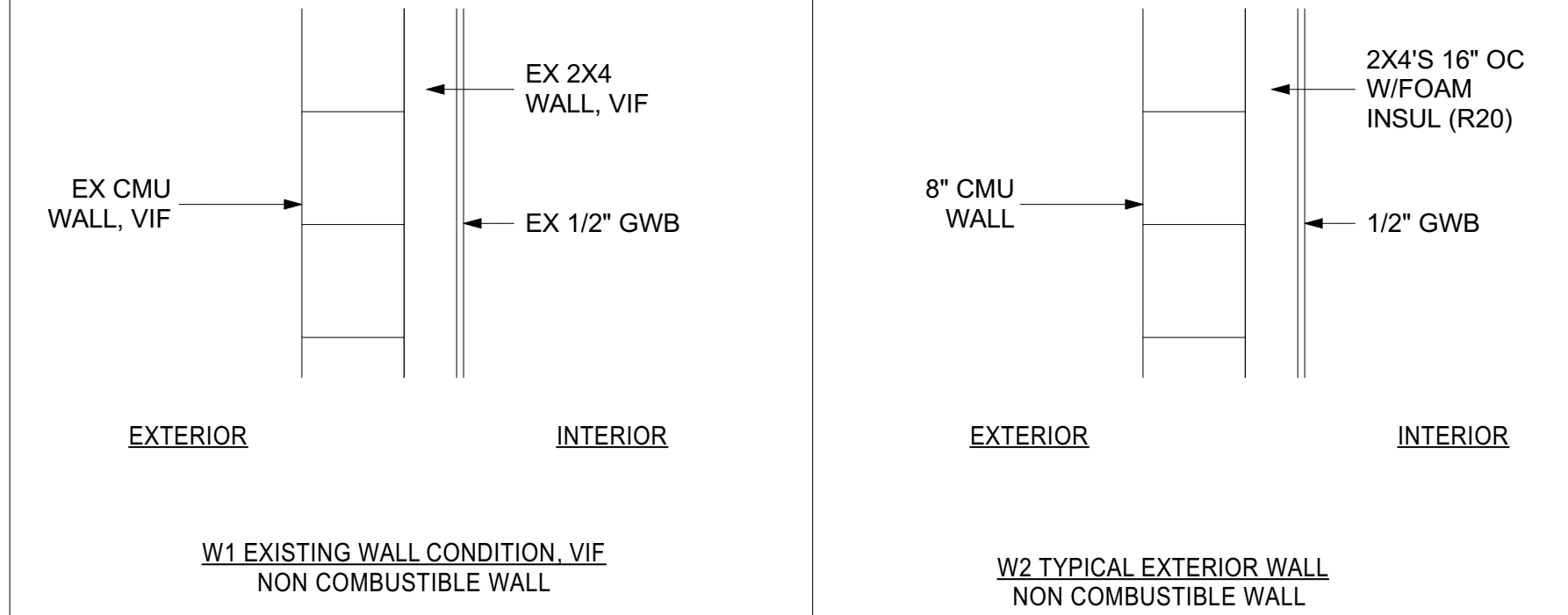
3 1HR RATED BULK HEAD DETAIL UL Des L501
 NOT IN SCALE



4 1HR FLOOR ASSEMBLY -FIRE DAMPER UL Des L501
 NOT IN SCALE



5 1HR RATED SHAFT DETAIL UL Des L501
 NOT IN SCALE



F-1 BASEMENT FLOOR ASSEMBLY

| FLOOR-CEILING SYSTEMS, WOOD FRAMED | | |
|--|---------|--|
| GA FILE NO. FC 5725 | GENERIC | 2 HOUR FIRE |
| WOOD FLOOR, WOOD JOISTS, GYPSUM WALLBOARD, RIGID FURRING CHANNELS | | |
| <p>Base layer 5/8" type X gypsum wallboard applied at right angles to 2 x 8 wood joists 24" o.c. with 1 1/4" Type W drywall screws 12" o.c. Second layer 5/8" type X gypsum wallboard applied at right angles to joists with 2" Type W drywall screws 12" o.c. Second layer joints offset 24" from base layer joints. Third layer 5/8" type X gypsum wallboard applied at right angles to joists with 2 1/2" Type W drywall screws 12" o.c. Third layer joints offset 12" from second layer joints. Hat-shaped rigid furring channels 24" o.c. applied at right angles to joists over third layer with two 2 1/2" long Type W drywall screws at each joint. Face layer 5/8" type X gypsum wallboard applied at right angles to furring channels with 1 1/4" Type S drywall screws 12" o.c. Wood joists supporting 3/4" T & G edge plywood floor applied at right angles to joists with 8d nails 6" o.c. at joints and 12" at intermediate joints. Ceiling provides two-hour fire-resistance protection for wood framing.</p> | | |
| | | <p>Approx. Ceiling Weight: 12 psf Fire Test: UL R4024, 00NK26545, 4-27-01; UL R4024, 03NK11206, 3-19-03; UL Design L556; ULC Design M514</p> |

APPROVED
Montgomery County
Historic Preservation Commission

REVIEWED
By Dan.Bruechert at 11:58 am, Apr 02, 2021



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Drawing Scale

Drawn by Date
LB 10.30.20

Revision Date

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A3.3

GENERAL NOTES

- A) DESIGN LOADS FOR NEW WORK
 - 1) FLOOR LIVE LOAD = 100 PSF
- 2) ROOF SNOW LOAD
 - A) $P_g = 30$ PSF
 - B) $P_f = 18.9$.MIN PER DCMR = 30 PSF
 - C) EXPOSURE = B
 - D) $C_e = 0.9$
 - E) $I = 1.0$
 - F) $C_t = 1.0$
 - G) INTERNATIONAL BUILDING 2018 + MONTGOMERY COUNTY REGULATIONS
- 3) WIND LOAD
 - A) BASIC WIND SPEED (3-SECOND GUST) , $V = 115$ MPH
 - B) IMPORTANCE FACTOR = 1.0
 - C) EXPOSURE = B
 - D) BUILDING CATEGORY = II
- 4) WALLS ARE CMU WHICH ACCOMMODATE WIND LOADS.
- 5) IMPOSED CONSTRUCTION LOADS IN EXCESS OF STATED DESIGN LOADS MUST BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO THE IMPOSITION OF SUCH LOADS.
- 6) THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE/2018

B) GENERAL

- 1) THE GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL DETERMINE THE SCOPE OF THE STRUCTURAL WORK FROM THE CONTRACT DOCUMENTS TAKEN AS A WHOLE. THE STRUCTURAL DRAWINGS SHALL NOT BE CONSIDERED SEPARATE FOR PURPOSES OF BIDDING THE STRUCTURAL WORK. DUE CONSIDERATION SHALL BE GIVEN TO THE OTHER STRUCTURAL WORK OR WORK RELATED TO THE STRUCTURE, INCLUDING NECESSARY COORDINATION DESCRIBED OR IMPLIED BY THE ARCHITECTURAL, ELECTRIC, PLUMBING AND MECHANICAL DRAWINGS.
- 2) SCALES NOTED ON THE DRAWINGS ARE FOR GENERAL INFORMATION ONLY. NO DIMENSIONAL INFORMATION SHALL BE OBTAINED BY DIRECT SCALING OF THE DRAWING.
- 3) DETAILS, SECTIONS AND NOTES SHOWN ON THESE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR CONDITIONS ELSEWHERE UNLESS OTHERWISE SHOWN OR NOTED.
- 4) THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL RESULTING REVISIONS TO THE STRUCTUAL SYSTEM AS A RESULT OF ACCEPTANCE OF CONTRACTOR PROPOSED ALTERNATIVES OR SUBSTITUTIONS.
- 5) THE GENERAL CONTRACTOR (OR CONSTRUCTION MANAGER) SHALL SUBMIT SHOP DRAWINGS FOR ALL STRUCTURAL ELEMENTS SHOWN ON THE CONTRACT DOCUMENTS FOR APPROVAL. THE STRUCTURAL ENGINEER WILL NOT BE RESPONSIBLE FOR THE STRUCTURAL CERTIFICATION AND DESIGN OF THE PROJECT IF THE GENERAL CONTRACTOR FAILS TO OBTAIN APPROVAL OF THE SHOP DRAWINGS. SHOP DRAWINGS ARE REVIEWED AS A CONVENIENCE TO THE GENERAL CONTRACTOR AND ARE NOT A CONTRACT DOCUMENT. THE GENERAL CONTRACTOR SHALL STATE ON THE SHOP DRAWINGS THAT CONTRACT DOCUMENT REQUIREMENTS HAVE BEEN MET AND THAT ALL DIMENSIONS, CONDITIONS AND QUANTITIES HAVE BEEN REVIEWED AND VERIFIED AS SHOWN AND/OR CORRECTED ON THE SHOP DRAWINGS.
- 6) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY BRACING AND SHORING, AS REQUIRED, TO ENSURE VERTICAL AND LATERAL STABILITY OF THE ENTIRE STRUCTURE OR PORTION THEREOF DURING CONSTRUCTION.
- 7) ANY REQUIRED TEMPORARY SHORING SHALL BE IN CONFORMANCE WITH OSHA REGULATIONS. UNBRACED EXCAVATIONS SHALL BE SLOPED NO GREATER THAN (1.5) HORIZONTAL TO (1) VERTICAL
- 8) TEMPORARY BRACING SHALL BE PROVIDED FOR ALL WALLS SUBJECT TO UNBALANCED BACKFILL. BRACE WALL PLUMB UNTIL STABILIZING ELEMENT ABOVE IS IN PLACE.
- 9) ALL WALLS ARE DESIGNED AS LATERALLY BRACED BY THE FLOOR SYSTEMS. CONTRACTOR SHALL ENSURE THAT WALLS ARE ADEQUATELY BRACED DURING CONSTRUCTION.
- 10) INFORMATION SHOWN REGARDING EXISTING CONDITIONS HAS BEEN OBTAINED BY LIMITED VISUAL OBSERVATIONS. AREAS NOT VISIBLE HAVE BEEN ASSUMED TYPICAL WITH OBSERVED EXISTING CONDITIONS.
- 11.) THE CONTRACTOR SHALL MEASURE AND PROVIDE ALL DIMENSIONS, ELEVATIONS AND CONDITIONS AT THE JOB SITE PRIOR TO CONSTRUCTION AND THE SUBMISSION OF SHOP DRAWINGS AND SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES. VERIFICATIONS AND NOTIFICATION SHALL PROCEED PRIOR TO THE START OF WORK SO THAT ANY NECESSARY CHANGES CAN BE MADE WITHOUT DELAYING THE PROJECT SCHEDULE.

C) DEMOLITION

- 1) ALL WORK SHALL BE IN GENERAL COMPLIANCE WITH THE INTERNATIONAL BUILDING CODE/2018 AND MONTGOMERY COUNTY REGULATIONS
- 2) FURNISH ALL LABOR AND MATERIAL NECESSARY TO PERFORM THE DEMOLITION WORK IN A COMPLETED MANNER SUCH THAT NEW WORK CAN BE INSTALLED WITH MINIMUM PREPARATION.
- 3) CONTRACTOR SHALL INCLUDE IN THE SCOPE OF WORK ALL ASPECTS OF REQUIRED DEMOLITION, SHORING OF EXISTING STRUCTURE, STAGING THE REPAIR TASKS AND SCHEDULING THE WORK IN A MANNER APPROVED BY THE BUILDING MANAGEMENT, CLEAN UP AFTER PORTIONS OF WORK ARE PERFORMED AND CLEAN UP AFTER THE ENTIRE REPAIR IS COMPLETED.
- 4) CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL TEMPORARY SHORING AND BRACING REQUIRED FOR DEMOLITION OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF AND PROCEDURES FOR THE REQUIRED TEMPORARY SHORING. TEMPORARY SHORING SHALL BE IN CONFORMANCE WITH OSHA REGULATIONS.
- 5) THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT DAMAGE OF THE EXISTING STRUCTURE. IN THE EVENT OF DAMAGE, CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND CONTRACT THE STUCTURAL ENGINEER FOR ASSESSMENT OF THE DAMAGE.
- 6) SCHEDULE ALL WORK IN A CAREFUL MANNER WITH ALL NECESSARY CONSIDERATION FOR THE HOME OWNER. ANY DAMAGE TO PERSON OR PROPERTY AS A RESULT OF DEMOLITION AND RELATED WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

D) FOUNDATION AND SLAB ON GRADE

- 1) FOUNDATIONS ARE DESIGNED FOR SOIL BEARING PRESSURE OF 1500 PSF
- 2) ALL FOOTING EXCAVATIONS SHALL BE INSPECTED BY THE BUILDING OFFICIAL PRIOR TO THE PLACING OF ANY CONCRETE. THE BUILDING OFFICIAL SHALL BE GIVEN NOTICE FOR THIS OBSERVATION.
- 3) TOP OF FOOTINGS SHALL EXTEND TO ELEVATIONS SHOWN. SHOULD UNSUITABLE MATERIAL BE ENCOUNTERED, FOOTING SHALL BE OVEREXCAVATED AND REPLACED WITH LEAN CONCRETE, $F'_c = 2000$ PSI.
- 4) EXCAVATIONS FOR SPREAD FOOTINGS AND/OR CONTINUOUS FOOTINGS SHALL BE CLEANED AND HAND TAMPED TO A UNIFORM SURFACE.
- 5) WALLS RETAINING EARTH BACKFILL HAVE BEEN DESIGNED FOR IN SERVICE LOADS ONLY. THE CONTRACTOR SHALL PROVIDE TEMPORARY SHORING DURING CONSTRUCTION. THE SHORING SHALL NOT BE REMOVED UNTIL THE SUPPORTING ELEMENTS ARE IN PLACE. THE CONCRETE IN THE WALLS AND SUPPORTING ELEMENTS HAS ATTAINED THE SPECIFIED 28 DAY COMPRESSIVE STRENGTH (F'_c) AND COMPACTION OF THE BACKFILL HAS BEEN COMPLETED.
- 6) SLAB ON GRADE SHALL BE UNDERLAID BY A MINIMUM OF 4 INCHES OF GRANULAR MATERIAL HAVING A MAXIMUM AGGREGATE SIZE OF 1.5 INCHED AND NOT MORE THAN 10% OF MATERIAL PASSING THROUGH A NO. 4 SIEVE. PRIOR TO PLACING THE GRANULAR MATERIAL THE FLOOR SUBGRADE SHALL BE PROPERLY COMPACTED, PROOFROLLED, FREE OF STANDING WATER, MUD, ORGANIC MATERIAL AND FROZEN SOIL BEFORE PLACEMENT OF THE CONCRETE, A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE GRANULAR MATERIAL.

FOUNDATION DRAINAGE

- 1. DAMPROOFING SHALL CONSIST OF A BITUMINOUS MATERIAL, 3LBS PER SQ YARD OF ACRYLIC MODIFIED CEMENT, 1/8 COAT OF SURFACE-BOUNDING MORTAR COMPLYING WITH ASTM C 887, ANY OF THE MATERIALS PERMITTED FOR WATERPROOFING BY IBC SECTION 1805.3.2 OR OTHER APPROVED MATERIALS.
- 2. CONTRACTOR SHALL ROUGHEN JOINT AT CMU WALL TO FOOTING INTERFACE OR PROVIDE 1" X 4" KEY WAY ALONG THE ENTIRE LENGTH OF THE CMU WALL.
- 3. A FOUNDATION DRAIN SHALL BE INSTALLED ALONG THE LENGTH OF THE CMU WALL FOOTING, ON THE EXTERIOR SIDE OF THE FOOTING, THAT CONSIST OF GRAVEL OR CRUSHED STONE CONTAINING NOT MORE THAN 10% MATERIAL THAT PASSES THROUGH A #4 SLEEVE. THE DRAIN SHALL EXTEND A MIN OF 12" BEYOND THE OUTSIDE EDGE OF THE FOOTING, THE TOP OF THE DRAIN SHALL BE COVERED WITH A FILTER MEMBRANE FABRIC MATERIAL. THE TOP OF JOINTS OR THE TOP OF PERFORATIONS SHALL BE PROTECTED WITH A FILTER MEMBRANE FABRIC MATERIAL. THE DRAIN PIPE SHALL BE PLACED ON NOT LESS THAN 2" OF GRAVEL OR CRUSHED STOEN AND SHALL BE COVERED WITH NOT LESS THAN 6" OF THE SAME MATERIAL. THE DRAIN SHALL DISCHARGE BY GRAVITY INTO AN APPROVED DRAINAGE SYSTEM.
- 4. ALL FOUNDATION DRAIN PIPES SHALL BE PERFORATED SOLID WALL SCHEDULE 40 PVC WITH SOLVENT JOINTS WRAPPED IN GEOTEXTILE FABRIC WITH A STONE DUST BED AND COVER.

LUMBER

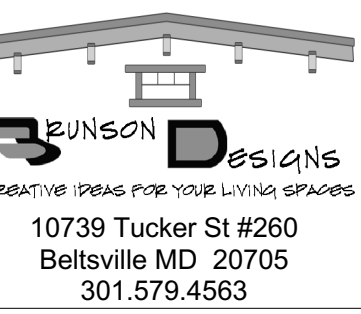
- 1) FRAMING LUMBER SHALL BE STRUCAL GRADE WITH $F_b = 1200$ PSI OR BETTER.
- 2) LUMBER WITHIN 8" OF GRADE OR EXPOSED TO WEATHER SHALL BE PRESSURE TREATED

| STEEL LINTEL SCHEDULE | | |
|-----------------------|-------------------|--------|
| OPENING | SIZE | REMARK |
| UP TO 4'-0" | L3 X 3-1/2 X 1/4 | LLH |
| 4'-0" TO 5'-6" | L4 X 3-1/2 X 5/16 | LLV |
| 5'-6" TO 7'-6" | L5 X 3-1/2 X 5/16 | LLV |
| 7'-6" TO 9'-0" | L6 X 3-1/2 X 5/16 | LLV |
| 9'-0" TO 9'-6" | L7 X 4 X 3/8 | LLV |

NOTES:
 1. LLH = LONG LEG HORIZONTAL
 2. LLV = LONG LEG VERTICAL
 3. MIN. 6 IN. BEARING REQUIRED AT EACH END OF LINTEL.
 4. BRICK/WALL ANCHORS SHALL BE 16 IN. AT FIRST COURSE ABOVE LINTEL.
 5. VERTICAL LEG OF LINTEL SHALL BE TIGHT TO BACK FACE OF BRICK WITH NO GAPS.

| HEADER SPAN & NUMBER JACK STUDS | | |
|---------------------------------|--------------|----------------|
| SIZE | SPAN (FT-IN) | NO. JACK STUDS |
| 2-2X4 | 3-1 | 1 |
| 2-2X6 | 4-6 | 1 |
| 2-2X8 | 5-9 | 1 |
| 2-2X10 | 7-0 | 2 |
| 2-2X12 | 8-1 | 2 |
| 3-2X8 | 7-2 | 1 |
| 3-2X10 | 8-9 | 1 |
| 3-2X12 | 10-2 | 2 |
| 4-2X8 | 9-0 | 1 |
| 4-2X10 | 10-1 | 1 |
| 4-2X12 | 11-9 | 1 |

| NO. OF FULL-HEIGHT STUDS @ EA. END OF HEADER IN EXTERIOR WALL | |
|---|----------------------------|
| HEADER SPAN (FT.) | MAX. STUD SPACING (16 IN.) |
| LESS THAN/EQUAL TO 3 | 1 STUD |
| 4 | 2 STUDS |
| 8 | 3 STUDS |
| 12 | 5 STUDS |
| 16 | 6 STUDS |



7212 CARROLL AVENUE
TAKOMA PARK MD 20912

Structural Notes



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 LICENSE NO.: 4329
 EXPIRATION DATE: 12.29.20

Written dimensions on these drawings shall have precedence over scale dimensions. Contractor shall verify and be responsible for all dimensions and conditions on the job and this office must be notified of any variations from the dimensions and conditions.

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 Montgomery County
 Historic Preservation Commission



REVIEWED
 By Dan.Bruechert at 11:58 am, Apr 02, 2021

| | |
|---------------|----------|
| Drawing Scale | . |
| Drawn by | Date |
| LB | 10.30.20 |
| Revision | Date |

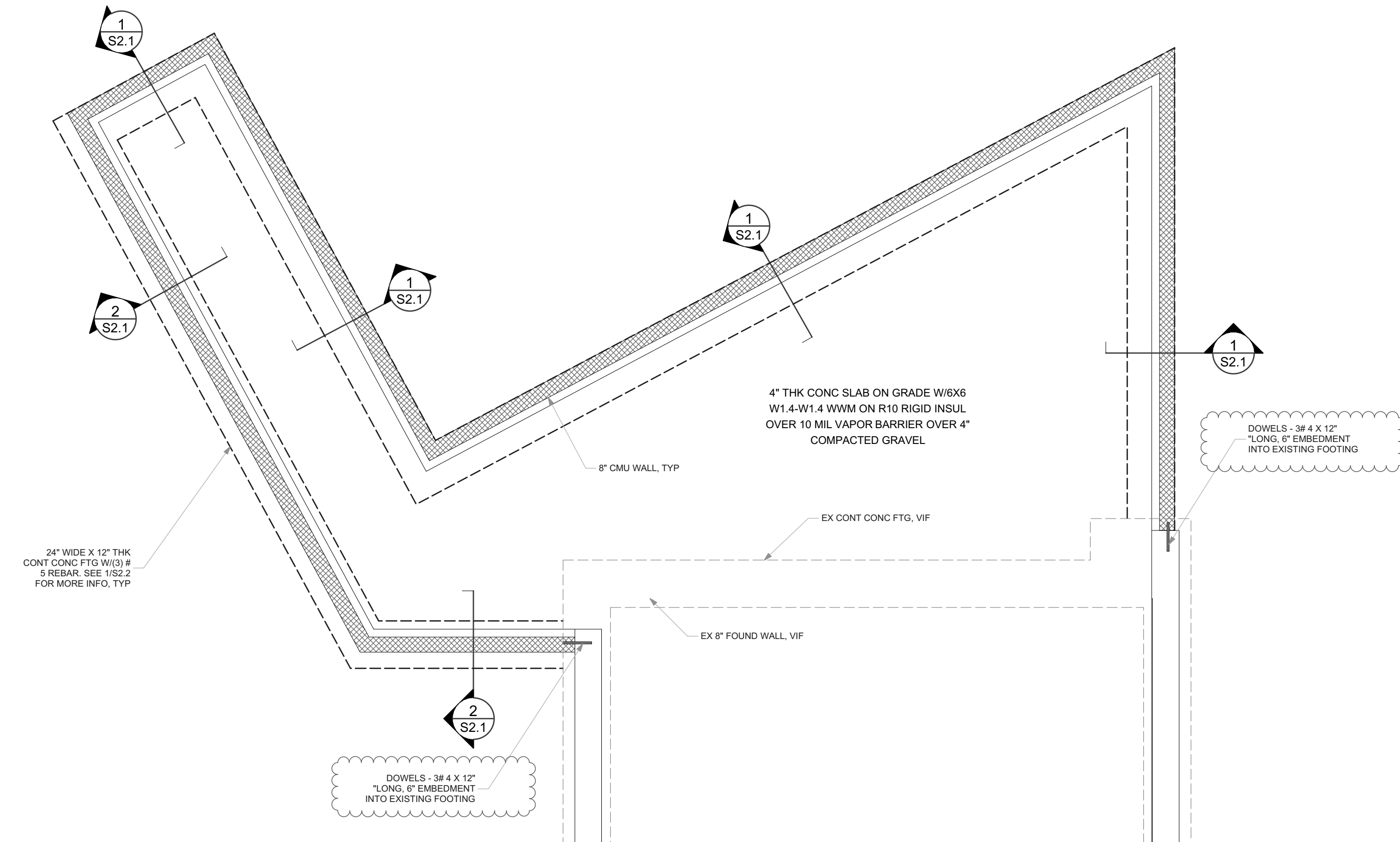
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S0.1

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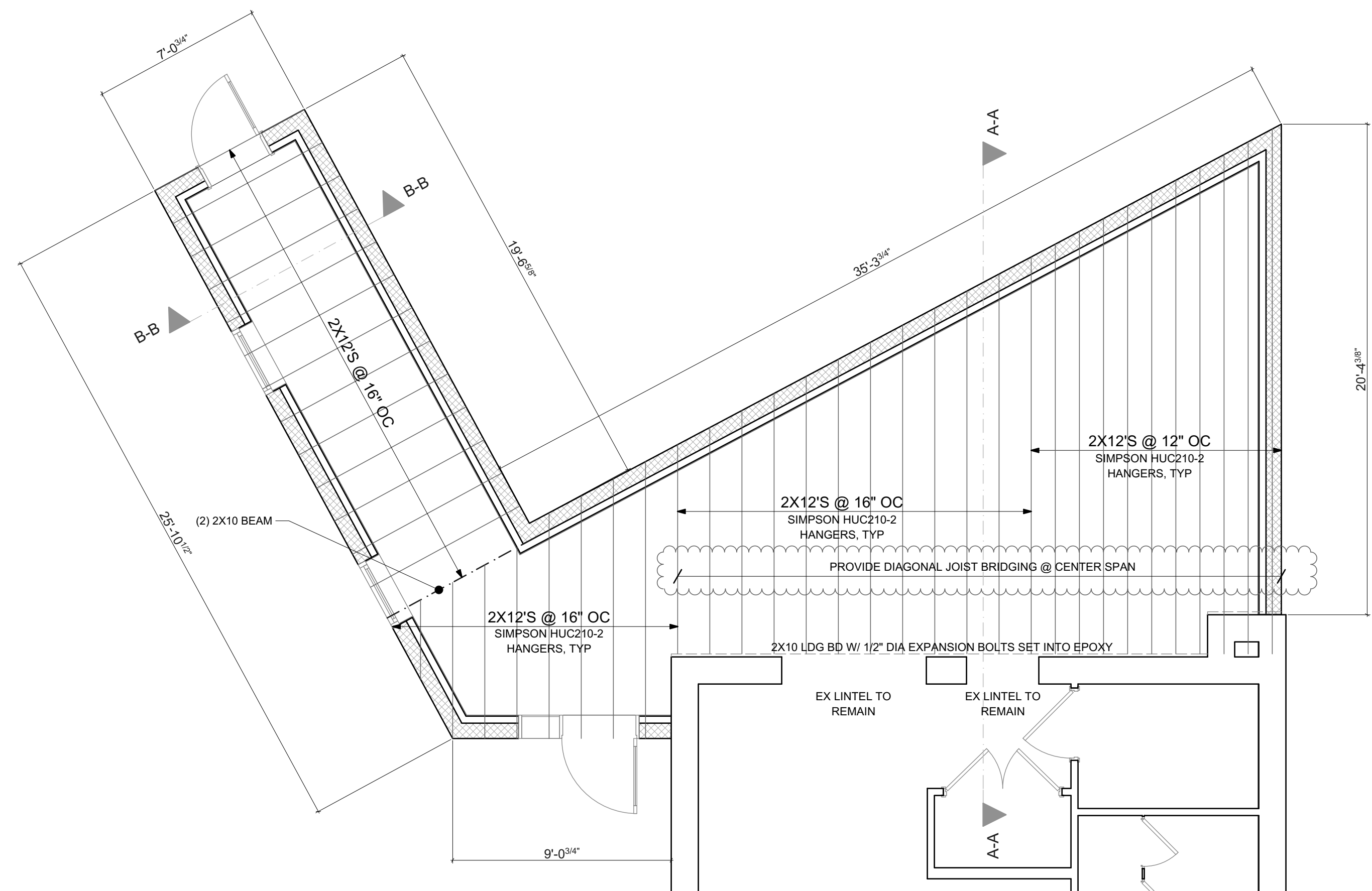

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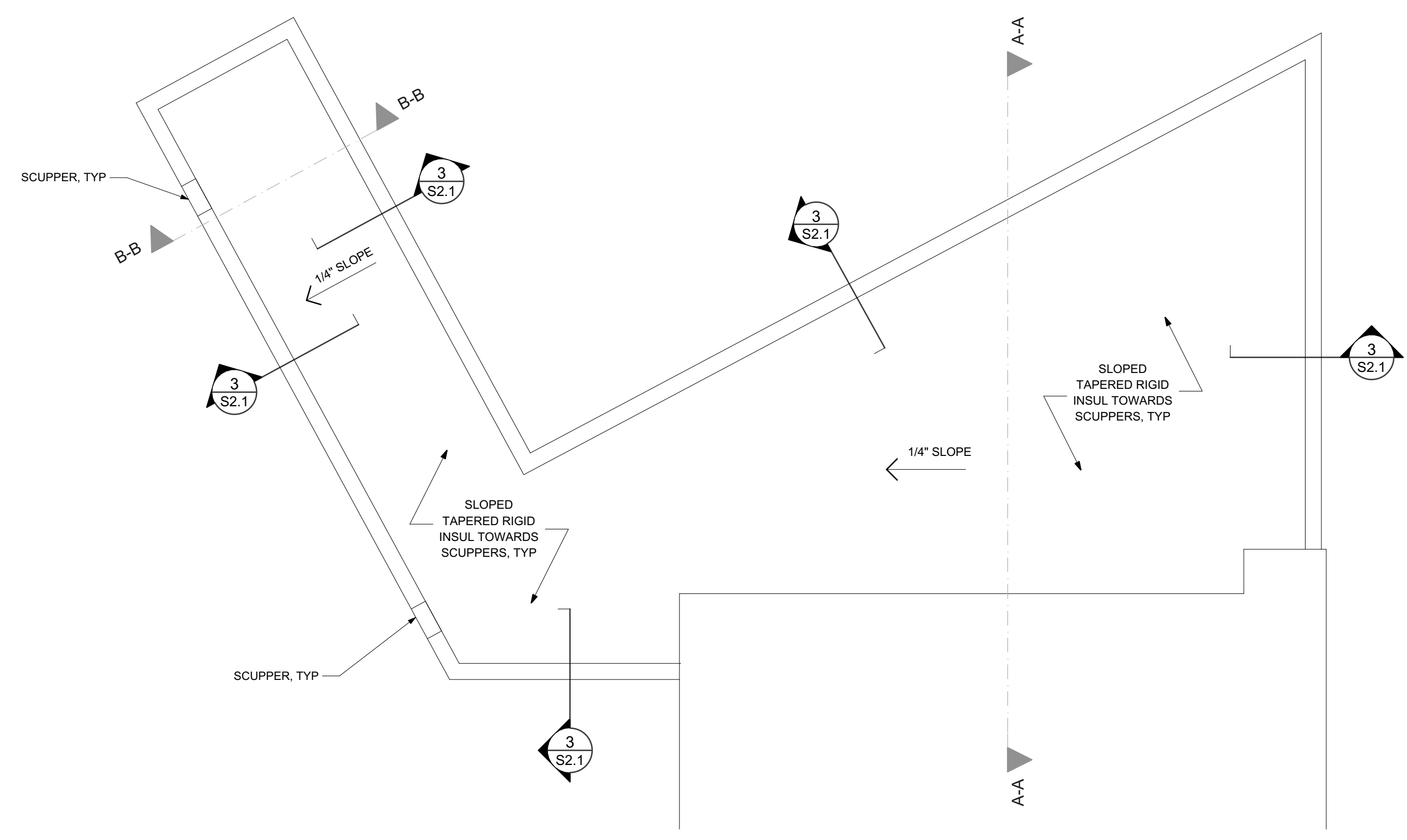
Partial Foundation Plan
 1/4" = 1'-0"

1.
 S1.1



Partial Roof Framing Plan
 1/4" = 1'-0"

2.
 S1.1



Partial Roof Plan
 1/4" = 1'-0"

3.
 S1.1



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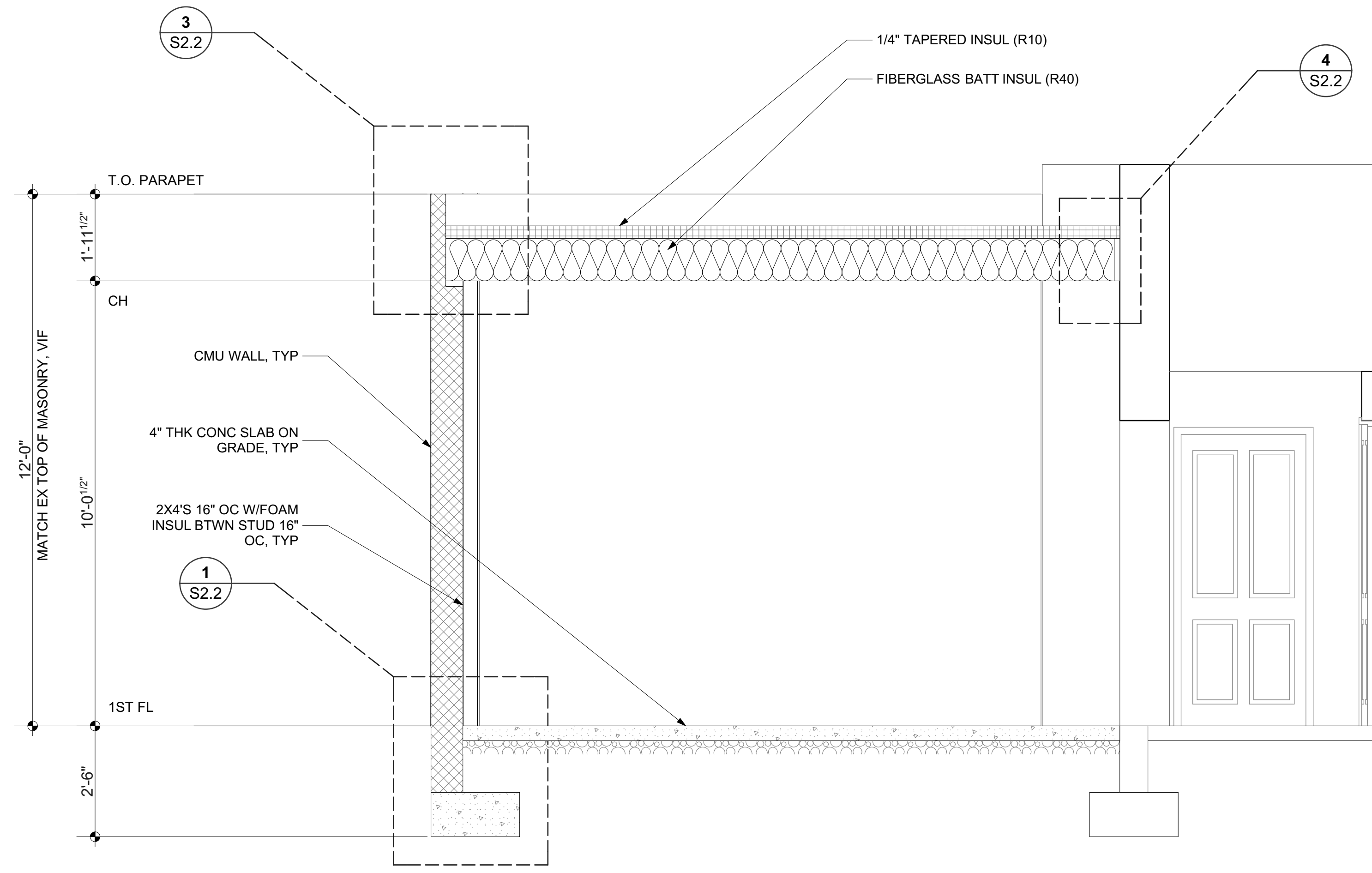
S1.1

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Robert A. ...

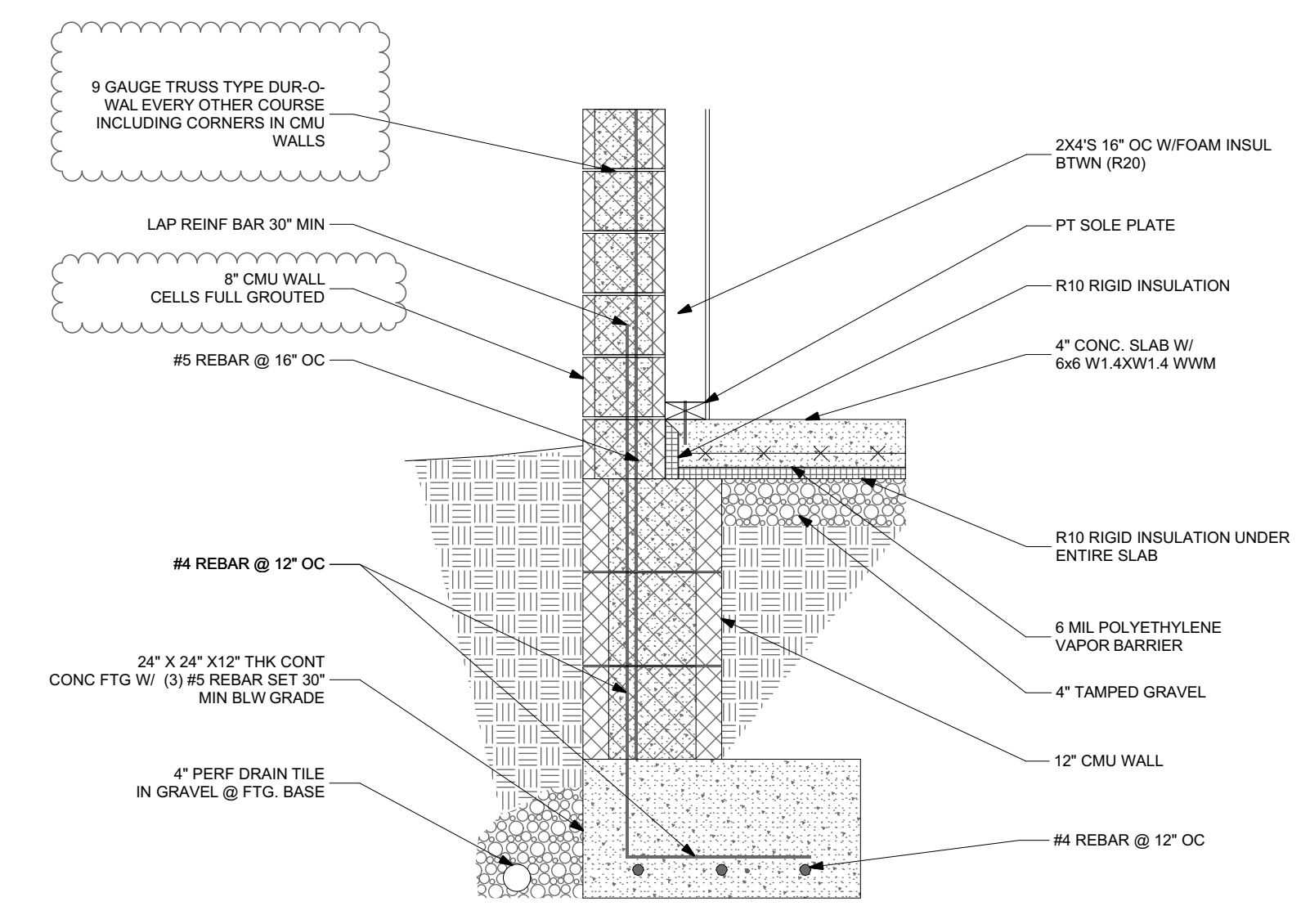
REVIEWED
 By Dan.Bruechert at 11:59 am, Apr 02, 2021

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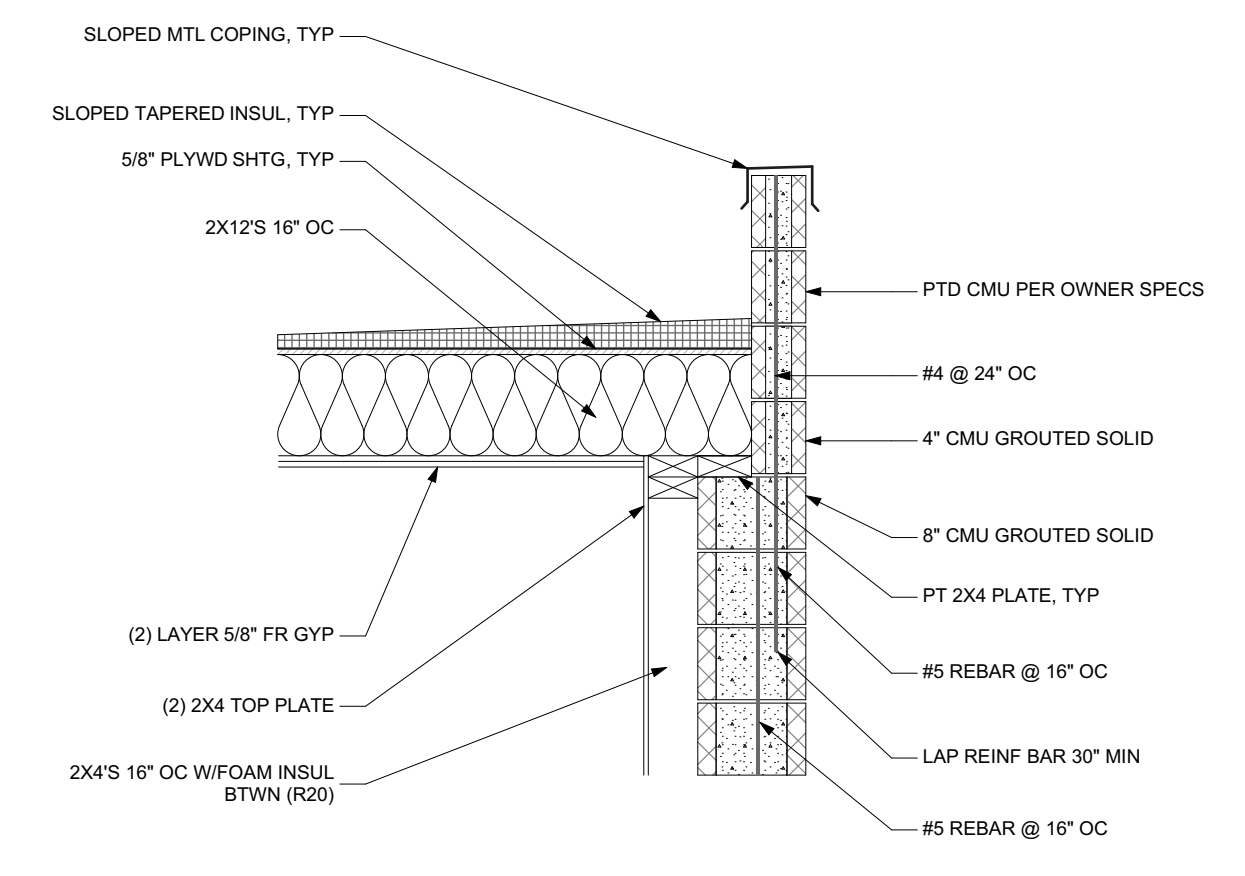
Section Cut, Details



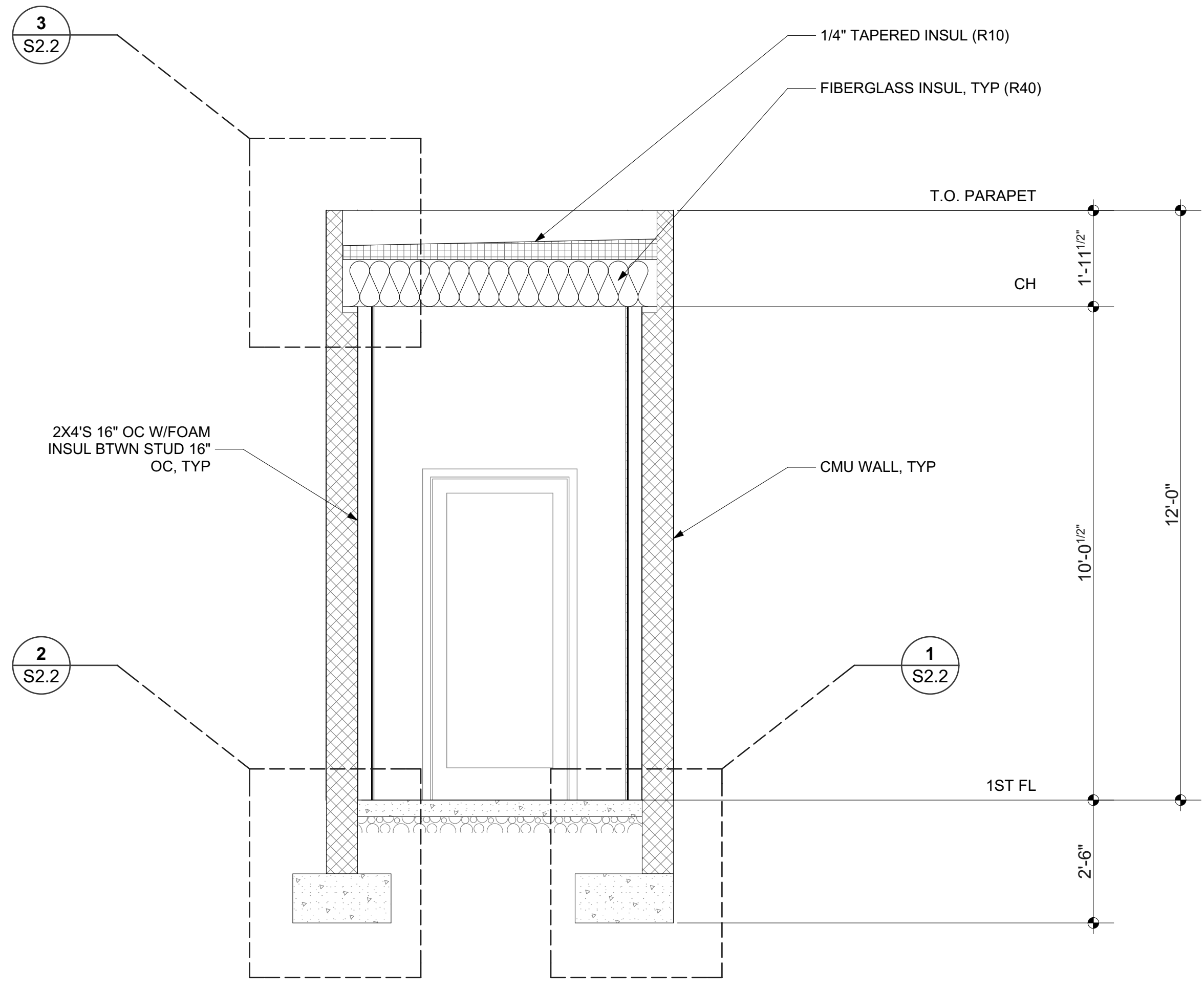
Section Cut **A-A**
 1/2" = 1'-0" S2.1



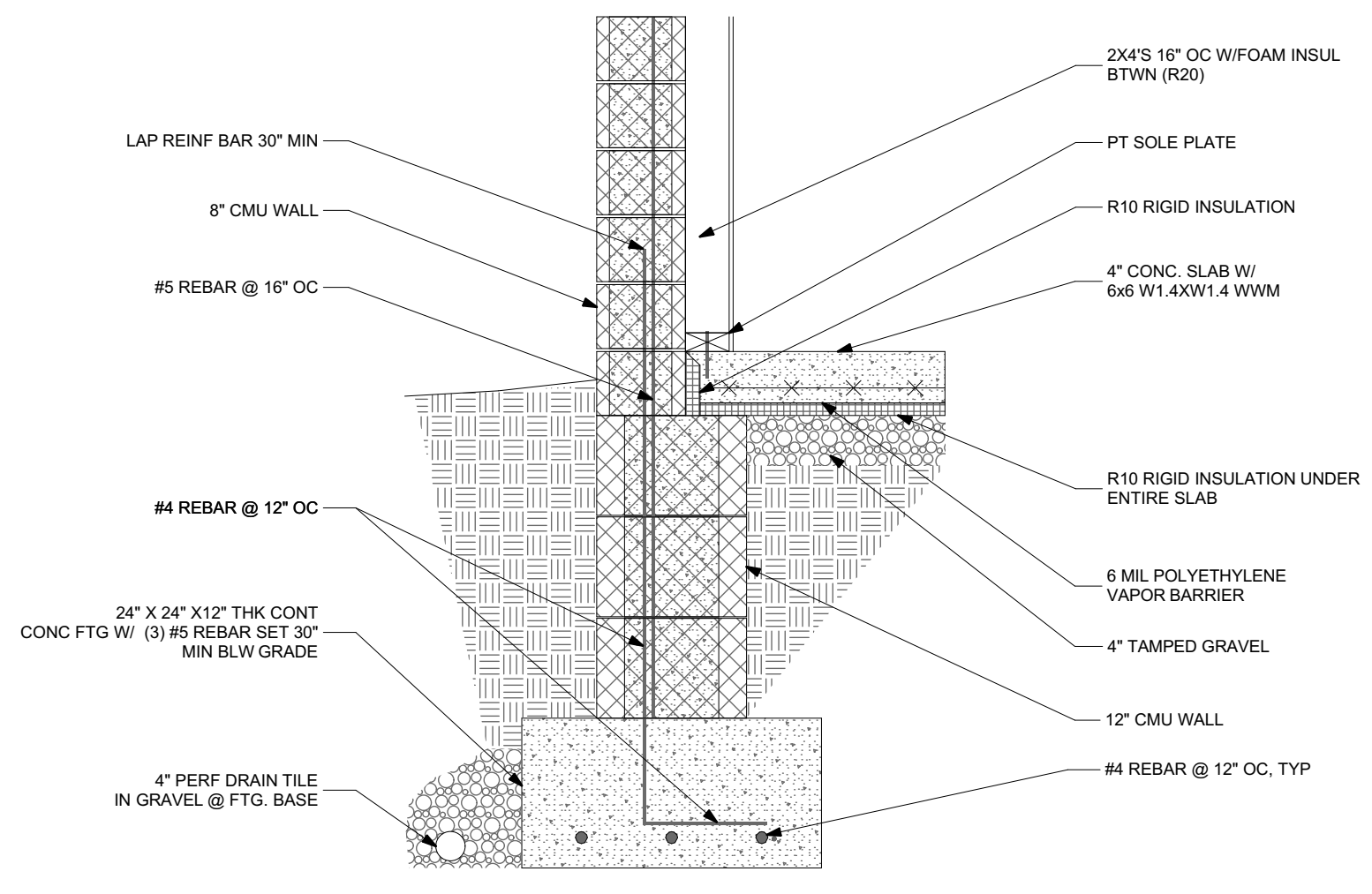
1 DETAIL: FOUND. @ SLAB FLR
 S2.1 NTS



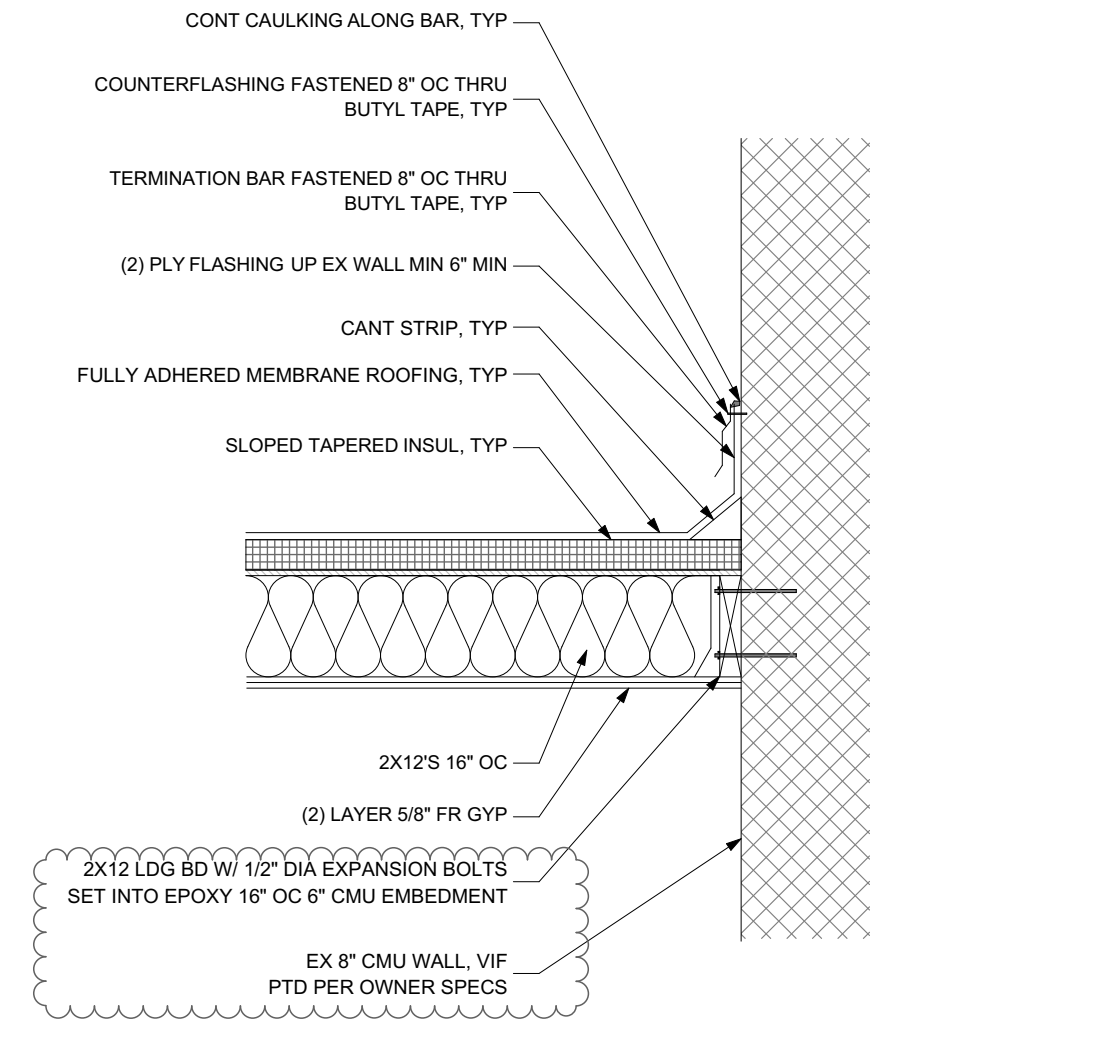
3 DETAIL: @ PARAPET
 S2.1 NTS



Section Cut **B-B**
 1/2" = 1'-0" S2.1



2 DETAIL: FOUND. @ SLAB FLR
 S2.1 NTS



4 DETAIL: LEDGER CONNECTION
 S2.1 NTS



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S2.1