



NEW FACILITY FOR:

FAMILY PARTNERS MANCHESTER

**351 FOREST SUMMIT COURT
MANCHESTER, MISSOURI 63021**

[App. # 20bId-01768]

MOD DOC SET #1

07/08/2020



Shaping Your Environment through

ZWICK+GANDT ARCHITECTURE, INC.

Insight Leadership Creativity Dedication

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CIVIL

RIP PACKAGE / CITY PERMIT	(02.12.20)
COUNTY PLAN REVIEW	(05.19.20)
COUNTY PLAN REVIEW	(06.22.20)
MODIFICATION DOCUMENT #1	(07.08.20)

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THE PROFESSIONALS INDICATED BELOW AND THEIR DRAWINGS LISTED INDICATED THE NAMED PROFESSIONAL WAS PREPARED AND/OR DIRECTED THE PREPARATION OF THE INFORMATION SHOWN ON THOSE DOCUMENTS. ALL DRAWINGS AND DOCUMENTS LISTED ON THIS INDEX SHALL NOT BE CONSIDERED PREPARED BY ANYONE OTHER THAN THE NAMED PROFESSIONAL UNDER WHICH THE DRAWING IS LISTED.



COMcheck Software Version 4.1.1.0

Envelope Compliance Certificate

Section 1: Project Information

Energy Code: 2009 IECC

Project Title: New Memory care residence

Project Type: New Construction

Construction Site:
351-377 Forest Summit Court
Manchester, MO 63021

Owner/Agent:
Barth Hohman
Family Partners, Inc.
12880 Manchester rd.
St. Louis, MO 63131
(314) 686-4450

Designer/Contractor:
Brian Zwick
Zwick + Gandt Architecture, Inc.
9109 Watson rd., ste 110
St. Louis, MO 63126
314-882-9292
bzwick@gargch-stl.com

Building Location (for weather data):
Manchester, Missouri

Climate Zone:
4B

Vertical Glazing / Wall Area Pct.:
23%

Building Use: Activity Type(s)
1-Multifamily - Residential

Room Area
6652

Section 2: Envelope Assemblies and Requirements Checklist

Envelope PASSED: Design 4% better than code

Envelope Assemblies:

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(s)
Orientation: NORTH					
Exterior Wall 3: Wood-Framed, 16" o.c., [Bldg. Use 1 - Multifamily]	600	18.0	0.0	0.078	0.064
Window BEDRM: Vinyl/Fiberglass Frame, Perf. Specs.: Product ID SIL-N-3, SHGC 0.36, PF 0.18, [Bldg. Use 1 - Multifamily] (c)	80	—	—	0.290	0.400
Window LIVING: Vinyl/Fiberglass Frame, Perf. Specs.: Product ID SIL-N-3, SHGC 0.40, PF 2.30, [Bldg. Use 1 - Multifamily] (b)	42	—	—	0.300	0.400
Door Entry: Glass (> 50% glazing) Normal Frame, Entrance Door, Perf. Specs.: Product ID nra, SHGC 0.12, PF 2.26, [Bldg. Use 1 - Multifamily] (b)	25	—	—	0.230	0.400
Orientation: EAST					
Exterior Wall 1: Wood-Framed, 16" o.c., [Bldg. Use 1 - Multifamily]	1262	18.0	0.0	0.078	0.064
Window -RES corr: Vinyl/Fiberglass Frame Operable, Perf. Specs.: Product ID sil-n-3, SHGC 0.40, PF 0.21, [Bldg. Use 1 - Multifamily] (c)	193	—	—	0.300	0.400
Door 1: Glass (> 50% glazing) Normal Frame, Entrance Door, Perf. Specs.: Product ID nra, SHGC 0.12, PF 0.60, [Bldg. Use 1 - Multifamily] (b)	56	—	—	0.230	0.400
Orientation: SOUTH					
Exterior Wall 4: Wood-Framed, 16" o.c., [Bldg. Use 1 - Multifamily]	614	18.0	0.0	0.078	0.064
Window -bdm: Vinyl/Fiberglass Frame, Perf. Specs.: Product ID sil-n-3, SHGC 0.40, PF 0.18, [Bldg. Use 1 - Multifamily] (b)	133	—	—	0.300	0.400
Orientation: WEST					
Exterior Wall 2: Wood-Framed, 16" o.c., [Bldg. Use 1 - Multifamily]	1090	18.0	0.0	0.078	0.064
Window surrm center: Vinyl/Fiberglass Frame, Perf. Specs.: Product ID SIL-N-21, SHGC 0.40, PF 0.70, [Bldg. Use 1 - Multifamily] (b)	129	—	—	0.300	0.400
Windows residential: Vinyl/Fiberglass Frame, Perf. Specs.: Product ID SIL-N-3, SHGC 0.40, PF 0.70, [Bldg. Use 1 - Multifamily] (b)	172	—	—	0.300	0.400

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Orientation: UNSPECIFIED ORIENTATION
Roof 1: Attic Roof with Wood Joists, [Bldg. Use 1 - Multifamily]

6652 38.0 0.0 0.027 0.027

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.

Air Leakage, Component Certification, and Vapor Retarder Requirements:

- All joints and penetrations are caulked, gasketed or covered with a moisture vapor-permeable wrapping material installed in accordance with the manufacturer's installation instructions.
- Windows, doors, and skylights certified as meeting leakage requirements.
- Component R-values & U-factors labeled as certified.
- No roof insulation is installed on a suspended ceiling with removable ceiling panels.
- Other components have supporting documentation for proposed U-factors.
- Insulation installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.
- Stair, elevator shaft vents, and other outdoor air intake and exhaust openings in the building envelope are equipped with motorized dampers.
- Cargo doors and loading dock doors are weather sealed.
- Recessed lighting fixtures installed in the building envelope are Type IC rated as meeting ASTM E283, are sealed with gasket or caulk.
- Building entrance doors have a vestibule equipped with self-closing devices.
Exceptions:
 - Building entrances with revolving doors.
 - Doors not intended to be used as a building entrance.
 - Doors that open directly from a space less than 3000 sq. ft. in area.
 - Doors used primarily to facilitate vehicular movement or materials handling and adjacent personnel doors.
 - Doors opening directly from a sleeping/dwelling unit.

Section 3: Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed envelope system has been designed to meet the 2009 IECC requirements in COMcheck Version 4.1.1.0 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title Signature Date

Project Title: New Memory care residence
Data filename: N:\Active Project Files\Family Partners\19049.00 Family Partners\Correspondence\Code Approach\Comcheck\19049 Family Partners Revised.cck

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ARCHITECT'S DESIGN INTENT:

THE PROPOSED FACILITY IS AN R-4 OCCUPANCY, RESIDENTIAL CARE/ASSISTED LIVING FACILITY, AND IS CLASSIFIED AS A "GROUP HOME" WHOSE OCCUPANTS ARE CAPABLE OF RESPONDING TO AN EMERGENCY WITHOUT PHYSICAL ASSISTANCE FROM STAFF (PER SECTION 310).

THE PLANNED BUILDING IS CLASSIFIED AS A "DWELLING UNIT" (SEE DEFINITION BELOW UNDER CHAPTER 2).

GOVERNING CODES:

PROPOSED BUILDING WORK SHOWN ON THE DOCUMENTS THAT FOLLOW TO BE IN COMPLIANCE WITH THE CITY OF MANCHESTER, MISSOURI THE FOLLOWING BUILDING CODES ARE ENFORCED W/ AMENDMENTS:

BUILDING CODE: 2009 INTERNATIONAL BUILDING CODE
ENERGY CODE: 2009 IRC/IMC
ELECTRICAL CODE: 2014 NATIONAL ELECTRICAL CODE
PLUMBING CODE: 2015 UNIFORM MECHANICAL CODE
MECHANICAL CODE: 2015 INTERNATIONAL MECHANICAL CODE
FUEL GAS CODE: 2015 IMC, CH. 1108.21
FIRE CODE: 2018 IFC PER WEST COUNTY EMS & FIRE PROTECTION

CODE OF STATE REGULATIONS (MISSOURI), TITLE 19 - DEPARTMENT OF HEALTH AND SENIOR SERVICES, DIVISION 30 - DIVISION OF REGULATION AND LICENSURE, CHAPTER 86 - RESIDENTIAL CARE FACILITIES AND ASSISTED LIVING FACILITIES
LIFE SAFETY CODE, NFPA 101 (2009 EDITION) - CHAPTER 32 - NEW RESIDENTIAL BOARD AND CARE OCCUPANCIES

CHAPTER 2 - DEFINITIONS

DWELLING UNIT:

A SINGLE UNIT PROVIDING COMPLETE, INDEPENDENT LIVING FACILITIES FOR ONE OR MORE PERSONS, INCLUDING PERMANENT PROVISIONS FOR LIVING, SLEEPING, EATING, COOKING AND SANITATION.

SLEEPING UNIT:

A ROOM OR SPACE IN WHICH PEOPLE SLEEP, WHICH CAN ALSO INCLUDE PERMANENT PROVISIONS FOR LIVING, EATING, AND EITHER SANITATION OR KITCHEN FACILITIES BUT NOT BOTH. SUCH ROOMS AND SPACES THAT ARE PART OF A DWELLING UNIT ARE NOT SLEEPING UNITS.

CHAPTER 3 - USE AND OCCUPANCY

NON-SEPARATED MIXED USE
PRIMARY USE: "R-4": RESIDENTIAL BOARD AND CARE FACILITY, NOT MORE THAN 16 OCCUPANTS, EXCLUDING STAFF (SMALL FACILITY)
ACCESSORY OCCUPANCY: "A-3" (ASSEMBLY)
ACCESSORY OCCUPANCY A-3 IN ROOMS 107A (241 S.F.) & 107B (240 S.F.) FOR A TOTAL OF 481 S.F. THIS IS LESS THAN 10% OF TOTAL S.F. OF THE FLOOR (6,652 S.F.)

SECTION 310.1 - RESIDENTIAL GROUP R-4

RESIDENTIAL OCCUPANCIES SHALL INCLUDE BUILDINGS ARRANGED FOR OCCUPANCY AS RESIDENTIAL CARE/ASSISTED LIVING FACILITIES INCLUDING MORE THAN FIVE BUT NOT MORE THAN 16 OCCUPANTS, EXCLUDING STAFF.

GROUP R-4 OCCUPANCIES SHALL MEET THE REQUIREMENTS FOR CONSTRUCTION AS DEFINED FOR GROUP R-5, EXCEPT AS OTHERWISE PROVIDED FOR IN THIS CODE.

SECTION 310.2 - DEFINITIONS

RESIDENTIAL CARE/ASSISTED LIVING FACILITIES
A BUILDING...HOUSING PERSONS, ON 24-HOUR BASIS, WHO...LIVE IN A SUPERVISED RESIDENTIAL ENVIRONMENT...THE OCCUPANTS ARE CAPABLE OF RESPONDING TO AN EMERGENCY SITUATION WITHOUT PHYSICAL ASSISTANCE FROM STAFF. THIS CLASSIFICATION SHALL INCLUDE...THE FOLLOWING: RESIDENTIAL BOARD AND CARE FACILITIES, ASSISTED LIVING FACILITIES...GROUP HOMES.

THIS FACILITY IS CONSIDERED A DWELLING UNIT.

CHAPTER 4 - DETAILED REQUIREMENTS ON USE AND OCCUPANCY

SECTION 4201 - GENERAL
OCCUPANCIES IN GROUPS 1-1, R-1, R-2, AND R-3 SHALL COMPLY WITH PROVISIONS OF THIS SECTION AND OTHER APPLICABLE PROVISIONS OF THIS CODE.

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

SECTION 503.1 - GENERAL

THE BUILDING HEIGHT & AREA SHALL NOT EXCEED THE LIMITS SPECIFIED IN TABLE 503 BASED ON THE TYPE OF CONSTRUCTION AS DETERMINED BY SECTION 602 AND THE OCCUPANCIES AS DETERMINED BY SECTION 502...

TABLE 503 - ALLOWABLE BUILDING HEIGHTS & AREAS

FOR CONSTRUCTION TYPE VB & GROUP R-4
HEIGHT & STORIES ALLOWED = 40 FEET PER STORY & 2 STORIES
HEIGHT & STORIES PROVIDED = 31 FEET & 1 STORY
AREA ALLOWED = 7,000 SF
AREA PROVIDED = 6,652 SF

CODE REVIEW

CHAPTER 6 - TYPES OF CONSTRUCTION:

TABLE 601 - FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
HOURLY FIRE RATING FOR TYPE VB CONSTRUCTION & FIRE SEPARATION DISTANCE OF 15 FT

STRUCTURAL FRAME 0
BEARING WALLS 0
EXTERIOR 0
INTERIOR 0
NONBEARING WALLS 0
EXTERIOR 0
INTERIOR 0
ROOF CONSTRUCTION 0

TABLE 602 - FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE
FIRE SEPARATION DISTANCE BETWEEN 10 & 30 FEET TO LOT LINE FOR "VB" CONSTRUCTION & FOR "R" OCCUPANCY IS ZERO (0).

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES:

SECTION 709.3 - FIRE-RESISTANCE RATING... (FOR FIRE PARTITIONS)
...NOT LESS THAN 1 HR

SECTION 709.4 - CONTINUITY

FIRE PARTITIONS SHALL EXTEND FROM THE TOP OF FOUNDATION TO THE UNDERSIDE OF ROOF SHEATHING OR FIRE-RESISTANCE-RATED ROOF/CEILING ASSEMBLY ABOVE, AND SHALL BE SECURELY ATTACHED THERETO.

FOR COMBUSTIBLE CONSTRUCTION...FIRELOCKING & DRAFTSTOPPING IS NOT REQUIRED AT THE PARTITION LINE IN BUILDINGS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED THROUGHOUT IN ACCORDANCE WITH 905.1.1 (NFPA 13) PROVIDED THAT AUTOMATIC SPRINKLERS ARE INSTALLED IN COMBUSTIBLE...ROOF/CEILING SPACES.

SECTION 715.4.3 - DOOR ASSEMBLIES IN CORRIDORS AND SMOKE BARRIERS
FIRE DOOR ASSEMBLIES REQUIRE TO HAVE A MINIMUM FIRE PROTECTION RATING OF 20 MINUTES WHERE LOCATED IN CORRIDOR WALLS OR SMOKE BARRIER WALLS...SHALL BE TESTED IN ACCORDANCE WITH NFPA 252 OR UL 10C WITHOUT THE HOSE STREAM TEST.

SECTION 715.4.3.1 - SMOKE AND DRAFT CONTROL
FIRE DOOR ASSEMBLIES SHALL...MEET THE REQUIREMENTS FOR A SMOKE AND DRAFT CONTROL DOOR ASSEMBLY TESTED IN ACCORDANCE WITH UL 1784.

SECTION 715.4.3.2 - GLAZING IN DOOR ASSEMBLIES
IN A 20 MIN. FIRE DOOR ASSEMBLY, THE GLAZING MATERIAL IN THE DOOR ITSELF SHALL HAVE A MIN. FIRE-PROTECTION-RATED GLAZING OF 30 MIN. AND SHALL BE EXEMPT FROM THE HOSE STREAM TEST...TRANSOM & SIDELIGHTS SHALL BE TESTED IN ACCORDANCE WITH NFPA 257 OR UL 9.

PER MISSOURI'S CODE OF STATE REGULATIONS, 19 CSR 30-86.022 - ITEM (H):
ALL FACILITIES SHALL BE DIVIDED INTO AT LEAST TWO (2) SMOKE SECTIONS, WITH EACH SECTION NOT EXCEEDING ONE HUNDRED FIFTY FEET (150') IN LENGTH OR WIDTH.

ITEM (I)...EACH SMOKE SECTION SHALL BE SEPARATED BY ONE (1) HOUR FIRE RATED PARTITIONS. THE SMOKE PARTITIONS SHALL BE CONTINUOUS FROM OUTSIDE WALL-TO-OUTSIDE WALL AND FROM...FLOOR TO ROOF DECK. ALL DOORS IN THIS WALL SHALL BE AT LEAST TWENTY (20) MINUTE FIRE-RATED OR ITS EQUIVALENT, SELF-CLOSING, AND MAY BE HELD OPEN ONLY IF THE DOOR CLOSER AUTOMATICALLY UPON ACTIVATION OF THE COMPLETE FIRE ALARM SYSTEM.

CHAPTER 8 - INTERIOR FINISHES:

SECTION 805.1.1 - WALL AND CEILING FINISHES MATERIALS
CLASS A: FLAME SPREAD 0-25; SMOKE DEVELOPED 0-450
CLASS B: FLAME SPREAD 26-75; SMOKE DEVELOPED 0-450
CLASS C: FLAME SPREAD 76-200; SMOKE DEVELOPED 0-450

TABLE 803.9 - INTERIOR WALL & CEILING FINISH REQUIREMENTS BY OCCUPANCY GROUP R-4 & "SPRINKLERED"
EXIT ENCLOSURES AND EXIT PASSAGEWAYS: MINIMUM CLASS "C"
EXIT ACCESS CORRIDORS AND OTHER EXIT WAYS: MINIMUM CLASS "C"
ROOMS AND ENCLOSED SPACES: MINIMUM CLASS "C"

CHAPTER 9 - FIRE PROTECTION SYSTEMS:

SECTION 903.2.8 - GROUP R (RESIDENTIAL)
AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH 903.3 SHALL BE PROVIDED THROUGHOUT ALL BUILDINGS WITH A GROUP "R" FIRE AREA.

SPRINKLER SYSTEMS:
PER STATE OF MISSOURI'S DEPARTMENT OF HEALTH AND SENIOR SERVICES, CHAPTER 86 - RESIDENTIAL CARE FACILITIES & ASSISTED LIVING FACILITIES, SECTION 19 CSR 30-86.022, ITEM (11) - SPRINKLER SYSTEMS:

FACILITIES...SHALL INSTALL AND MAINTAIN A COMPLETE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13...

SECTION 907.2.11.2 - SMOKE ALARMS
A SINGLE- OR MULTIPLE-STATION SMOKE ALARM SHALL BE INSTALLED AND MAINTAINED IN GROUP R-4 REGARDLESS OF OCCUPANT LOAD.

SECTION 907.2.11.3 - INTERCONNECTION

"WHERE MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING UNIT OR SLEEPING UNIT IN GROUP R...THE SMOKE ALARMS SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL UNIT..."

SECTION 907.2.11.4 - POWER SOURCE

"IN NEW CONSTRUCTION, REQUIRED SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND SHALL BE EQUIPPED WITH A BATTERY BACKUP..."

CHAPTER 10 - MEANS OF EGRESS:

SECTION 1002 - DEFINITIONS
- GROSS FLOOR AREA INCLUDES AREA INSIDE PERIMETER OF EXTERIOR WALLS.

SECTION 1005 - MEANS OF EGRESS SIZING
1005.1 MINIMUM REQUIRED EGRESS WIDTH
- THE TOTAL WIDTH OF MEANS OF EGRESS IN INCHES SHALL NOT BE LESS THAN THE TOTAL OCCUPANT LOAD SERVED BY THE MEANS OF EGRESS MULTIPLIED BY 0.3 INCHES...FOR STAIRWAYS AND 0.2 INCHES...FOR OTHER EGRESS COMPONENTS.

SECTION 1006 - MEANS OF EGRESS ILLUMINATION
- MEANS OF EGRESS, INCLUDING EXIT DISCHARGE SHALL BE ILLUMINATED AT ALL TIMES. MINIMUM 1 FOOT-CANDLE. 90 MINUTE EMERGENCY POWER TO BE PROVIDED.

SECTION 1007 - ACCESSIBLE MEANS OF EGRESS.

- ACCESSIBLE SPACES SHALL BE PROVIDED WITH NOT LESS THAN ONE ACCESSIBLE MEANS OF EGRESS.
- EACH REQUIRED ACCESSIBLE MEANS OF EGRESS SHALL BE CONTINUOUS TO A PUBLIC WAY...

SECTION 1015 - EXIT AND EXIT ACCESS DOORWAY
PER EXCEPTION TO TABLE 1015.1: IN GROUP R-2 AND R-3 OCCUPANCIES, ONE MEANS OF EGRESS IS PERMITTED WITHIN AND FROM INDIVIDUAL DWELLING UNITS WITH A MAXIMUM OCCUPANT LOAD OF 20 WHERE THE DWELLING UNIT IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.1.1

SECTION 1016 - EXIT ACCESS TRAVEL DISTANCE

- PER TABLE 1016.1, FOR "R" OCCUPANCY = 250' WITH SPRINKLER SYSTEM PER 903.3.1
PER MISSOURI'S CODE OF STATE REGULATIONS, 19 CSR 30-86.022, ITEM (7) / 3:
-DOORS TO RESIDENT USE ROOMS SHALL NOT BE MORE THAN ONE HUNDRED FIFTY FEET (150') FROM EXIT, WITH NFPA 13 (IBC: 903.3.1.1)

TABLE 1018.1 - CORRIDOR FIRE RATING
PER SECTION 1018.1, EXCEPTION 2, A FIRE-RESISTANCE RATING IS NOT REQUIRED FOR CORRIDORS CONTAINED WITHIN A DWELLING OR SLEEPING UNIT IN AN OCCUPANCY IN GROUP R.

SECTION 1018.2 - DEAD ENDS

- DEAD END CORRIDOR LENGTH <SOFT MAX. PER EXCEPTION 2.
PER MISSOURI'S CODE OF STATE REGULATIONS, 19 CSR 30-86.022, ITEM (7) / 3:
DEAD END CORRIDORS SHALL NOT EXCEED THIRTY FEET (30') IN LENGTH.

SECTION 1021.1 - NUMBER OF EXITS AND CONTINUITY
PER SECTION 1021.1, EXCEPTION 4, IN GROUP R-2 AND R-3 OCCUPANCIES, ONE MEANS OF EGRESS IS PERMITTED WITHIN AND FROM INDIVIDUAL DWELLING UNITS WITH A MAXIMUM OCCUPANT LOAD OF 20 WHERE THE DWELLING UNIT IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.1.1

CHAPTER 11 - ACCESSIBILITY:

SECTION 1104 ACCESSIBLE ROUTE
- AN ACCESSIBLE ROUTE HAS BEEN PROVIDED FROM ACCESSIBLE PARKING TO THE ACCESSIBLE BUILDING ENTRANCE.
- AN ACCESSIBLE ROUTE HAS BEEN PROVIDED THROUGHOUT THE INTERIOR PUBLIC SPACES AND SLEEPING UNITS.

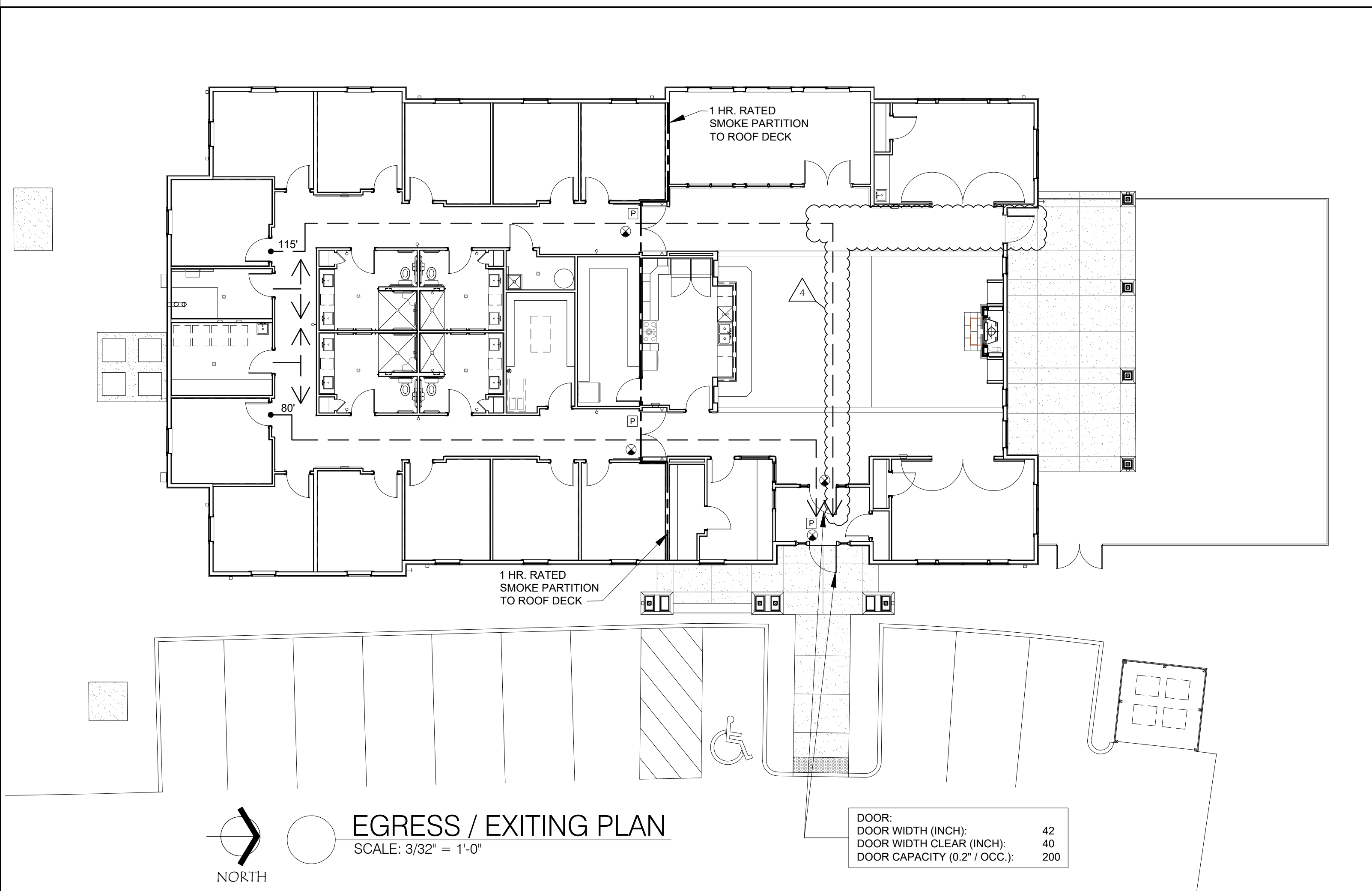
CHAPTER 12 - INTERIOR ENVIRONMENT

SECTION 1203 - VENTILATION - PROVIDED PER SECTION 1203.2, ATTIC SPACES

SECTION 1209 - ACCESS TO UNOCCUPIED SPACES
- AN OPENING NOT LESS THAN 20 INCHES BY 30 INCHES SHALL BE PROVIDED TO ANY ATTIC AREA HAVING A CLEAR HEIGHT OF OVER 30 INCHES. A 30 INCH MIN. CLEAR HEADROOM IN THE ATTIC SPACE SHALL BE PROVIDED AT OR ABOVE THE ACCESS OPENING.

ENERGY CODE INFORMATION

SEE COMcheck COMPLIANCE FORM ON SHEET A0.01



DRAWING LEGEND

- EXIT TRAVEL PATH / DISTANCE
- DOORS WITH PANIC HARDWARE
- EMERGENCY EXIT LIGHT, DIRECTION OF TRAVEL AND NUMBER OF FACES AS SHOWN

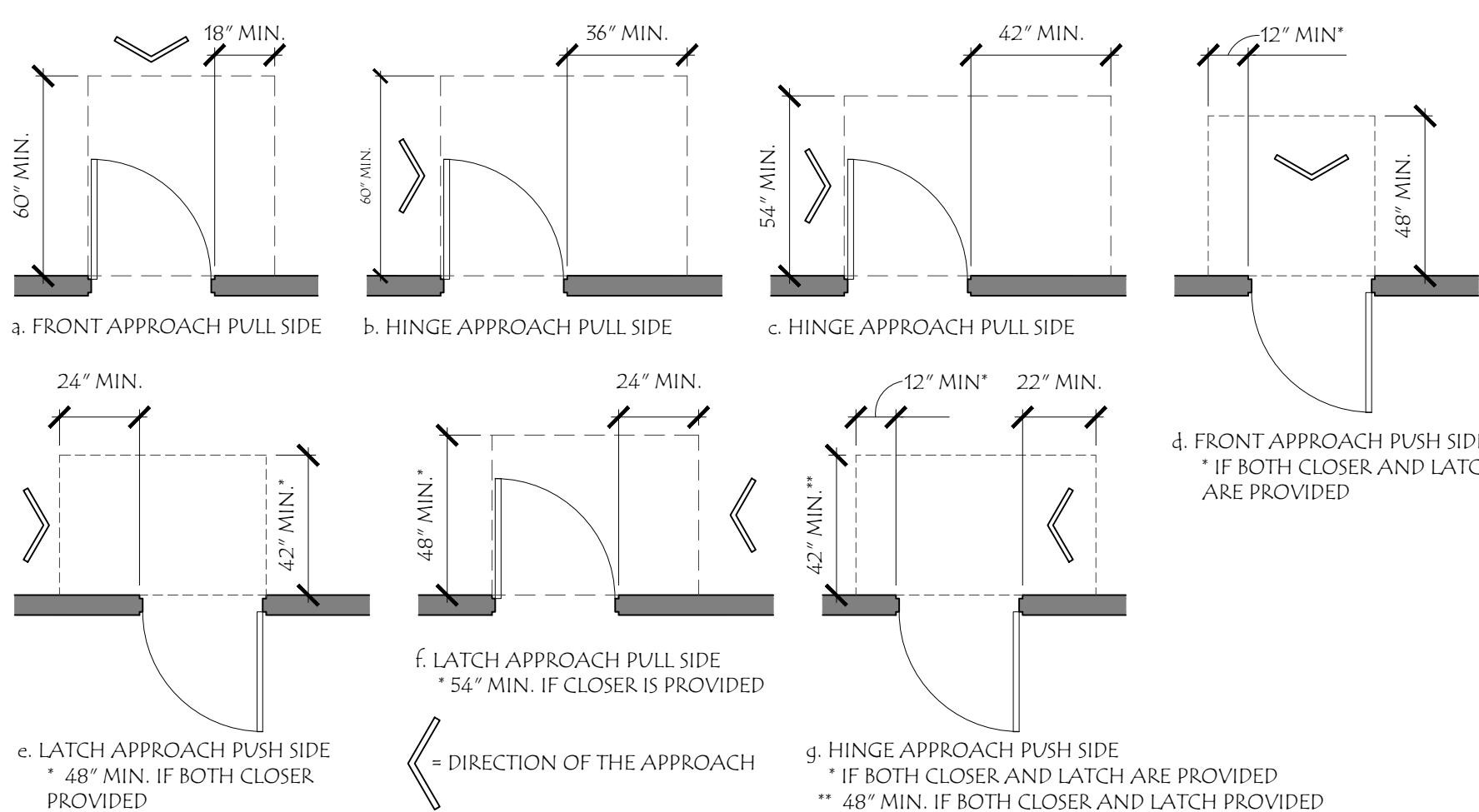
DESCRIPTION OF EGRESS COMPONENTS

EXIT DOOR: EGRESS COMPONENT
DOOR WIDTH: SIZE OF EGRESS COMPONENT
DOOR WIDTH CLEAR: ACTUAL CLEAR OPENING OF EGRESS COMPONENT
XX OCC. x XX' x XX' ACTUAL NUMBER OF OCCUPANTS

SEE FIRE PROTECTION DRAWINGS FOR ADDITIONAL LIFE SAFETY EQUIPMENT.

LIFE SAFETY NOTES

- A. MAX. EGRESS ACCESS TRAVEL DISTANCE:
GROUP R-4 OCCUPANCIES
REQUIRED: 250'-0" WITH NFPA 13 OR 15R SPRINKLER SYSTEM (PER TABLE 1016.1)
150'-0" PER CSR (MISSOURI) WITH NFPA 13 SPRINKLER FROM RESIDENT'S DOOR TO AN EXIT
ACTUAL: 97'-0"
- B. MAX. DEAD-END DISTANCE:
GROUP R-4 OCCUPANCIES
REQUIRED: 50'-0" WITH NFPA 13 OR 15R SPRINKLER SYSTEM, (30' PER CSR, MISSOURI).
ACTUAL: NONE
- C. EXIT ACCESS DOORWAY SEPARATION DISTANCE:
DESCRIPTION:
SHALL NOT BE LESS THAN ONE-THIRD OF THE LENGTH OF THE MAX. OVERALL DIAGONAL DIMENSION OF THE AREA SERVED WITH NFPA 13 OR 15R SPRINKLER SYSTEM, (PER SECTION 1015.2.1, EXCEPTION 2)
REQUIRED: 122'-6" / 3 = 40'-10"
PROVIDED: 41'-0"
- D. OCCUPANT LOAD & EGRESS CAPACITY:
RESIDENTIAL (R-4) OCCUPANCIES
RESIDENTS SLEEPING ROOMS:
STAFF:
12 OCCUPANTS
4 OCCUPANTS
- ASSEMBLY (A-3) OCCUPANCIES:
481 S.F. / 15 S.F. PER PERSON =
(PRIVATE DINING 107A, 241 S.F.)
(PRIVATE DINING 107B, 240 S.F.)
52 OCCUPANTS
- EGRESS DOOR CAPACITY:
TOTAL CAPACITY PROVIDED FOR 400 OCCUPANTS



LOCATION OF DEVICES

LAYOUT: CONTRACTOR SHALL TAKE SPECIAL CARE IN THE LAYOUT OF HIS WORK & IN VERIFICATION OF ANY EXISTING CONDITIONS & DIMENSIONS. THE COORDINATION & ALIGNMENT OF THIS WORK WITH ITSELF & ADJACENT WORK IS OF PRIMARY IMPORTANCE & SHOULD TAKE PRECEDENCE OVER WRITTEN DIMENSIONS, ESPECIALLY APPROXIMATE DIMENSIONS. THE INSTALLING CONTRACTOR SHALL LOCATE HIS WORK & VERIFY TO INSURE PROPER ALIGNMENT & FIT. HE WILL REPORT ANY DISCREPANCIES TO THE PROJECT SUPERINTENDENT AND ARCHITECT.

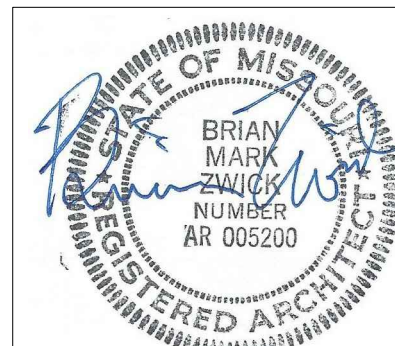
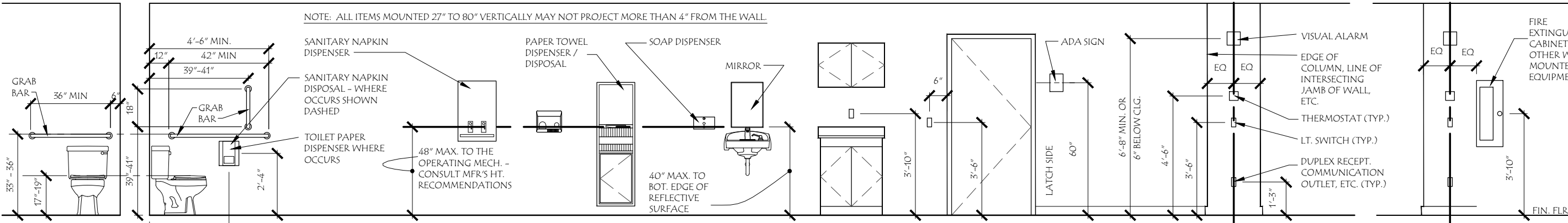
LOCATION OF THERMOSTATS, ELECTRICAL LIGHTING, LIFE SAFETY DEVICES, ETC.:

1) DEVICES INSTALLED BY SEPARATE TRADES (SUCH AS LIGHT SWITCHES, THERMOSTATS, ETC.) INSTALLED IN THE SAME LOCATION, SHALL BE MOUNTED IN A CONFIGURATION ACCEPTABLE TO THE ARCHITECT.

A. DEVICES SHALL BE UNIFORMLY MOUNTED SO THEY WILL BE SYMMETRICAL. WHEN SHOWN ON THE MECHANICAL & ELECTRICAL DRAWINGS & NOT ON THE ARCHITECTURAL DRAWINGS, VERTICALLY ALIGN DEVICES MOUNTED AT DIFFERENT HEIGHTS UNLESS SEPARATED HORIZONTALLY BY 24".

B. DEVICES INSTALLED IN MASONRY OR INSTALLED IN / MOUNTED TO SURFACES TO RECEIVE WOOD PANELS, WALL COVERING, OR SIMILAR MATERIALS SHALL BE INSPECTED BY THE ARCHITECT / ENGINEER PRIOR TO ROUGH-IN.

2) WHEN IN DOUBT, CHECK WITH THE ARCHITECT / ENGINEER PRIOR TO ROUGH-IN. ALL COSTS TO CORRECT DEVIATIONS FROM THESE PRINCIPLES WILL BE THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR.



07/08/20

This Professional Architect seal affixed to this sheet indicates that the named Architect has prepared or checked the preparation of the material shown only on this sheet. Other drawings and documents not appearing on this seal and not so connected prepared by or the responsibility of the undersigned.

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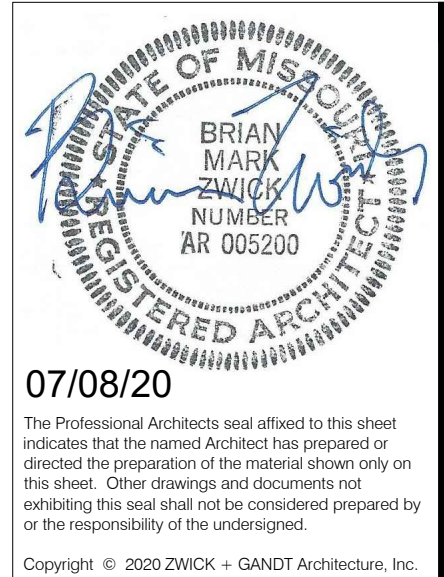
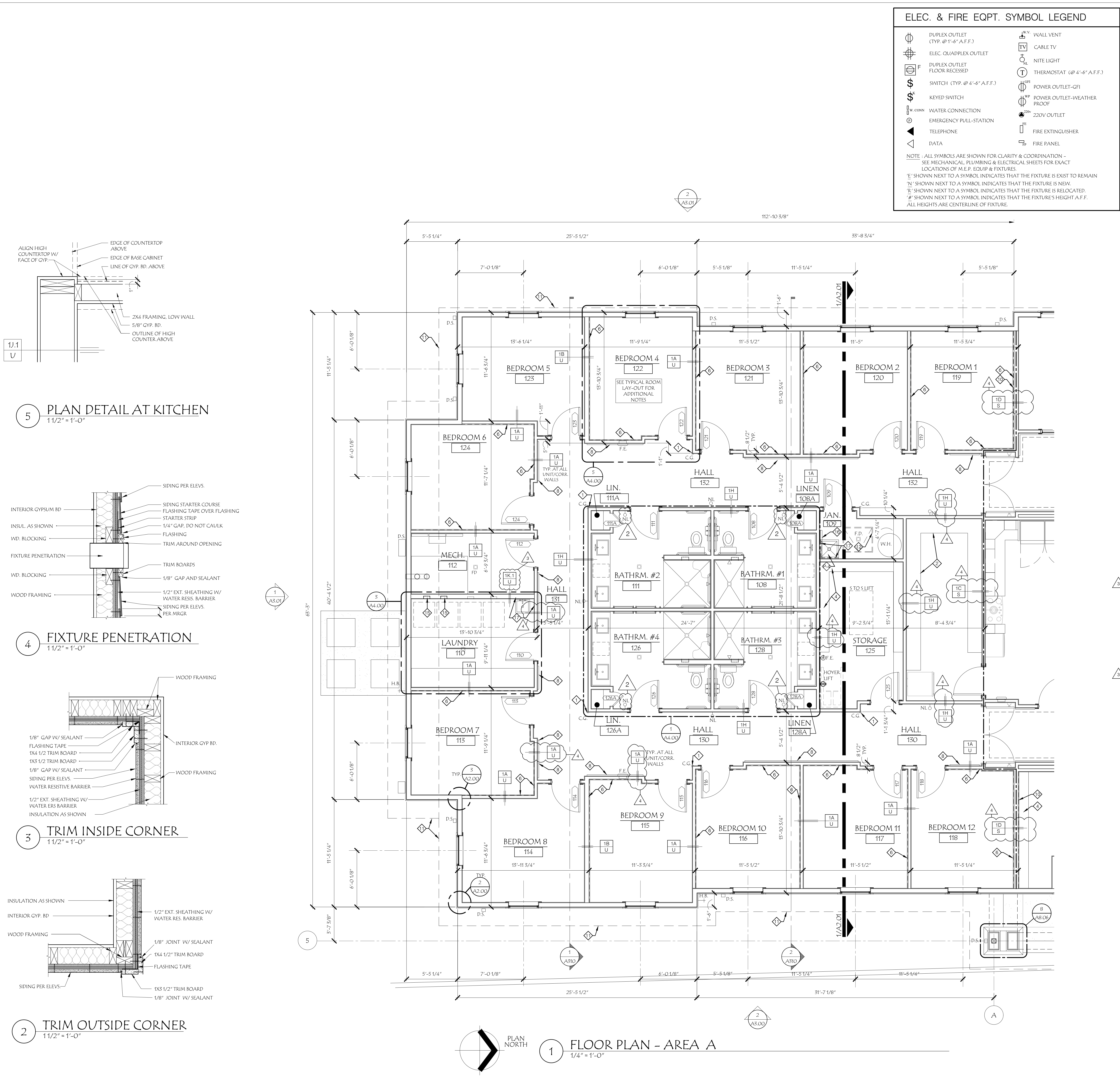
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MO/DHSS COMMENTS	05/13/20
COUNTY PLAN REVIEW	05/19/20
COUNTY PLAN REVIEW	06/22/20
MOD. DOCUMENT #1	07/08/20

PROJECT NUMBER:
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CODE INFO

A0.01



07/08/20
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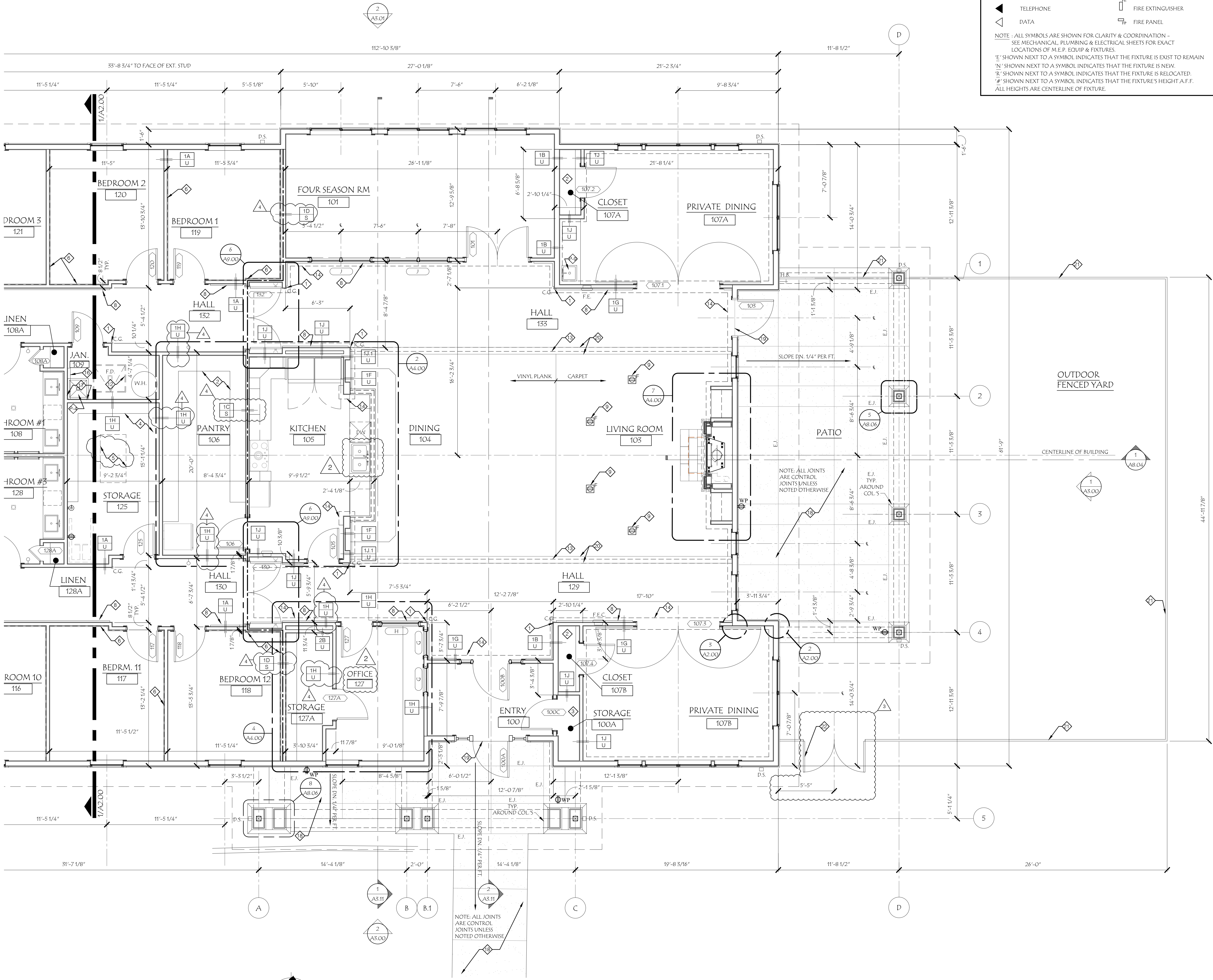
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COUNTY PLAN REVIEW	07/07/20

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FLOOR PLAN - AREA A

A2.00



1 FLOOR PLAN - AREA B
1/4" = 1'-0"

ELEC. & FIRE EQPT. SYMBOL LEGEND

- | | | | |
|--|--|--|-------------------------------|
| | DUPLEX OUTLET
(TYP. @ 1'-6" A.F.F.) | | WALL VENT |
| | ELEC. QUADPLEX OUTLET | | CABLE TV |
| | DUPLEX OUTLET
FLOOR RECESSED | | NITE LIGHT |
| | SWITCH (TYP. @ 4'-6" A.F.F.) | | THERMOSTAT (@ 4'-6" A.F.F.) |
| | KEYED SWITCH | | POWER OUTLET-GFI |
| | WATER CONNECTION | | POWER OUTLET-WEATHER
PROOF |
| | EMERGENCY PULL-STATION | | 220V OUTLET |
| | TELEPHONE | | FIRE EXTINGUISHER |
| | DATA | | FIRE PANEL |

NOTE: ALL SYMBOLS ARE SHOWN FOR CLARITY & COORDINATION - SEE MECHANICAL, PLUMBING & ELECTRICAL SHEETS FOR EXACT LOCATIONS OF M.E.P. EQUIP. & FIXTURES.
1. SHOWN NEXT TO A SYMBOL INDICATES THAT THE FIXTURE IS EXIST TO REMAIN.
2. SHOWN NEXT TO A SYMBOL INDICATES THAT THE FIXTURE IS NEW.
3. SHOWN NEXT TO A SYMBOL INDICATES THAT THE FIXTURE IS RELOCATED.
4. SHOWN NEXT TO A SYMBOL INDICATES THAT THE FIXTURE'S HEIGHT A.F.F. ALL HEIGHTS ARE CENTERLINE OF FIXTURE.

FLOOR PLAN GENERAL NOTES

- GENERAL CONTRACTOR AND / OR SUBCONTRACTORS ARE RESPONSIBLE FOR EXAMINING AND CONFIRMING ALL SUBSTRATE CONDITIONS WHERE NEW MATERIALS ARE APPLIED. SUBSTRATE SHALL BE SMOOTH, FREE OF DEFECTS AND SHALL CONFORM TO THE REQUIREMENTS OF THE FINISHED MATERIAL MANUFACTURERS' RECOMMENDATION.
- DO NOT SCALE DRAWINGS.
- ALL DIMS TO BE FIELD VERIFIED, ARCHITECT TO BE NOTIFIED OF ANY DISCREPANCIES.
- THE WORD "ALIGN" AS USED IN THESE DCS SHALL SUPERCEDE ANY DIMENSIONAL INFO INDICATED. IF DISCREPANCIES OCCUR, NOTIFY THE ARCHITECT IMMEDIATELY.
- TYPICAL DIMENSIONS ARE TO THE FACE OF WOOD STUD, OR TO COLUMN CENTER LINE. REFER TO PLAN DETAILS FOR ADDITIONAL DIMENSIONS.
- ALL ANGLES SHOWN ARE 45°, 90°, OR 135° UNLESS NOTED OTHERWISE.
- DO NOT SCALE THE DRAWINGS. WORKING FROM ESTABLISHED LINES AND POINTS, ESTABLISH AND MAINTAIN DEPENDABLE MARKERS FOR LINES AND LEVELS OF WORK. CALCULATE DIMS AND MEASURE FOR LAYOUT OF WORK. RECORD DEVIATIONS (IF ANY) FROM DWG INFO ON EXIST CONDITIONS AND REVIEW WITH ARCHITECT/ENGINEER AT TIME OF DISCOVERY.
- FOLLOW WRITTEN DIMS AND LAYOUT POINTS ONLY. CONTRACTOR SHALL EXERCISE SPECIAL CARE IN THE VERIFICATION OF ALL CONDITIONS AND DIMS IN THE LAYOUT OF HIS WORK. THE ALIGNMENT IN COORDINATION OF HIS WORK ITSELF AND OTHER ADJACENT WORK IS OF PRIMARY IMPORTANCE AND SHALL TAKE PRECEDENCE OVER DIMENSIONS, ESPECIALLY THOSE INDICATED AS APPROXIMATE. CONTRACTOR SHALL LAY OUT AND VERIFY HIS WORK TO ENSURE ALIGNMENT AND FIT AND REPORT ANY DISCREPANCIES IMMEDIATELY TO HIS SUPERINTENDENT AND THE ARCHITECT BEFORE PROCEEDING OR PROCEED AT CONTRACTOR'S OWN RISK.
- SLOPING CONCRETE SLAB TO FLOOR DRAINS IS OF PRIMARY IMPORTANCE AND SHOULD TAKE PRECEDENCE OVER DIMENSIONS, ESPECIALLY THOSE INDICATED AS APPROXIMATE. CONTRACTOR SHALL LAY OUT AND VERIFY HIS WORK TO ENSURE ALIGNMENT AND FIT, AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE.
- THE GENERAL CONTRACTOR IS TO PROVIDE PROTECTION TO ANY COMPLETED WORK, (I.E. CEILING GRID, ETC.) DURING CONSTRUCTION BY WHATEVER MEANS NECESSARY TO MAINTAIN ANY COMPLETED FINISHES IN NEW CONDITION TO THE POINT OF OWNER MOVE-IN AND ACCEPTANCE. ANY DAMAGE, MARKED OR IN ANY WAY IMPAIRED MATERIAL FOUND BY THE OWNER'S REPRESENTATIVE WILL BE REPLACED AT NO EXTRA COST TO THE OWNER.
- NOT USED
- ALL INTERIOR FINISHES AND INSULATION SYSTEMS TO HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 450.
- ALL CONTROL JOINTS IN GYP. BD. & PLASTER WALLS AND/ OR CLGS TO BE LOCATED AS REQ. BY U.S. GYPSUM U.O. FOR INT. AND EXT. LOCATIONS. FINAL JOINT LOCATIONS ARE TO BE REVIEWED WITH ARCHITECT PRIOR TO INSTALLATION. MARKED OR IN ANY WAY IMPAIRED MATERIAL FOUND BY THE OWNER'S REPRESENTATIVE WILL BE REPLACED AT NO EXTRA COST TO THE OWNER.
- PROVIDE BITUMINOUS COATING BETWEEN ALL DISSIMILAR METALS.
- ALL WOOD IN DIRECT CONTACT WITH CONCRETE TO BE PRESERVATIVE ROT RESISTANT TREATED WOOD U.N.O.
- ALL FOUNDATION WALLS IN EXCAVATED AREAS TO BEAR ON AND BE FORMED BY CLEANED, UNDISTURBED, VIRGIN SUB-SOIL.
- SEE SOILS REPORT AND STRUCT. DWGS FOR SOIL PREP WORK AND ANTICIPATED CONDITIONS.
- WHERE DOWELING THE SIDEWALK SLAB INTO THE FPN. IS NOT SHOWN, INSTALL LEAN CONC. FILL TO A DEPTH BELOW FROST AT BLDG ENTRANCES TO PREVENT FROST HEAVE OF SIDEWALK SLABS BELOW DOOR OPENINGS.
- IT WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE ALL ELECTRICAL REQUIREMENTS FOR FIRE PROTECTION, PLUMBING AND MECHANICAL WORK COORDINATED WITH THE ELECTRICAL CONTRACTOR FOR ALL AREAS OF THE WORK WHETHER SHOWN ON THE DRAWINGS OR NOT - AT NO EXTRA COST TO THE OWNER.
- ALL PENETRATIONS THROUGH RATED PARTITIONS (MECH., ELEC., AND PLUMB.) TO BE FILLED WITH FIRE-RATING INSUL. AND FIRE STOPPING SEALANT PER U.L. DESIGNS INDICATED.
- ALL PARTITIONS ARE 1/2" UNLESS OTHERWISE NOTED.

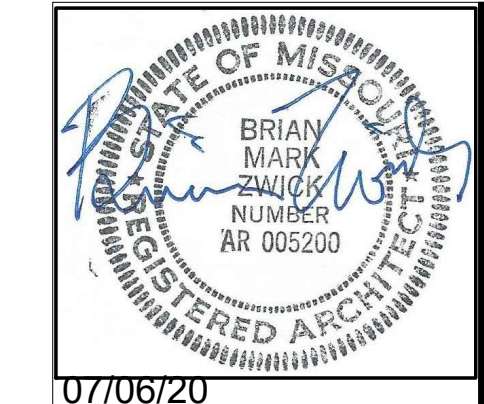
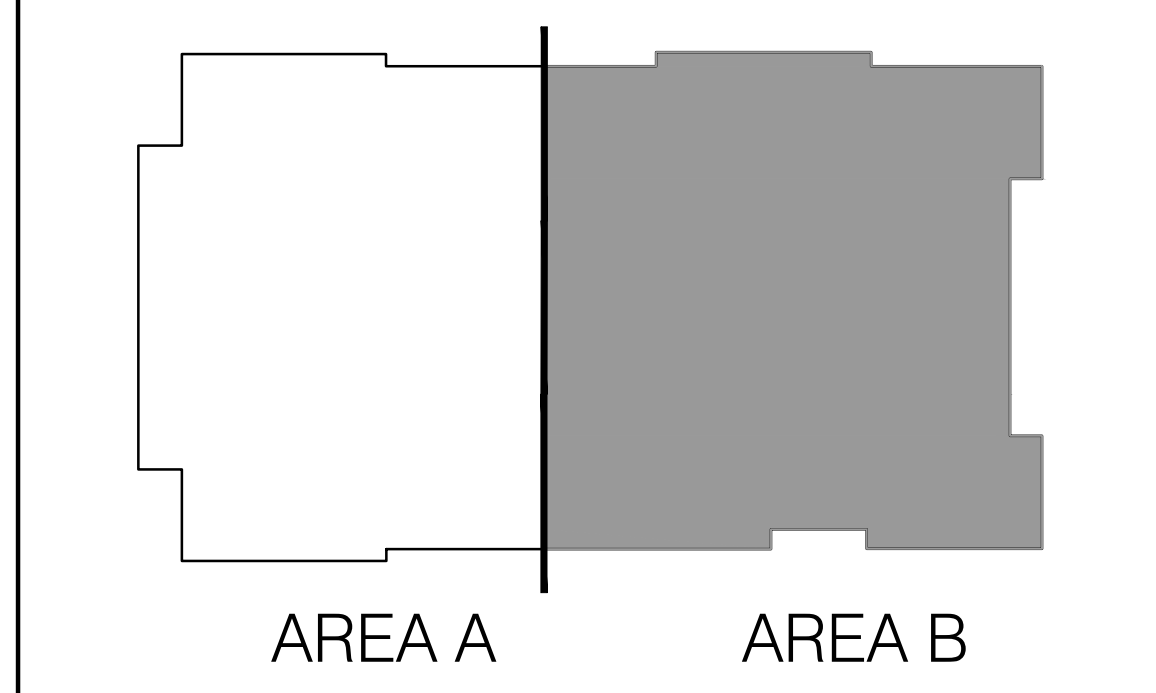
FLOOR PLAN KEYED NOTES

- CORNER GUARD. REFER TO MATERIALS FINISH LEGEND ON A9.05.
- 18" DP VINYL-COATED WIRE SHELVING, 5 ROWS VERT. ON KNAPE & VOGT HEAVY-DUTY STANDARDS.
- PROVIDE ROD & VINYL-COATED WIRE SHELF AT CLOSET.
- 12" DP VINYL-COATED WIRE SHELVING, 5 ROWS VERT. ON KNAPE & VOGT HEAVY-DUTY STANDARDS.
- DASHED LINE DENOTES CLEARANCE FOR PATIENT LIFT DEVICE.
- LOCATION OF RESILIENT CHANNEL, SEE PARTITION TYPES.
- MTL. CLOTHES ROD & 18" DP WOOD SHELVING. SEE ELEVATION 23/A5.00 FOR ADDITIONAL INFORMATION.
- CONT. CHAIR/HANDRAIL TRIM W/ WALL PROTECTION FROM BOTTOM OF CHAIR RAIL TO TOP OF FLOOR BASE. SEE 1/A9.05. REFER TO MATERIALS FINISH LEGEND FOR WALL PROTECTION.
- COORDINATE LOCATION OF FLOOR OUTLETS WITH OWNER'S FURNITURE LAYOUT.
- LOCATION OF STRUCTURAL SHEAR WALL PANEL, SEE STRUCTURAL DRAWINGS.
- OUTLINE OF ROOF ABOVE. SEE ROOF PLAN.
- ATTIC ACCESS DOOR. SEE REFLECTED CEILING PLAN.
- LINE OF BULKHEAD ABOVE. SEE REF. CEILING PLAN.
- LINE OF CROWN MOLDING. SEE A9.05.
- DRYER VENT. SEE EXTERIOR ELEVATIONS & 3/A9.10.
- 36" LONG, S.S. MOP & BROOM HOLDER.
- PROVIDE FCP SKIRTING AT JANITOR, MOP SINK & LAUNDRY UTILITY SINK. 3'-0" H. & 3'-0" W. FROM CORNER ABOVE FLOOR BASE MATERIAL.
- HEAVY BROOM FINISH ON CONC. WALKWAYS.
- DOWEL THICKENED EDGE OF CONC. WALK INTO FOUND. AT DOORS 18" O.C. W/ #4'S, 12" LONG (3 MIN.) CENTERED ON JOINT.
- FLOORING, VINYL PLANK BORDER, SEE ROOM FIN. SCHED.
- 5'-0" HIGH VINYL FENCE. SEE 4/A10.
- PAIR OF 36" WIDE VINYL GATES W/ KEYPAD LOCK. CONFIRM LOCKING WITH OWNER.

PLAN LEGEND

- | | |
|--|---|
| | NEW PARTITION |
| | 1 HR. RATED SMOKE PARTITION |
| | NEW DOOR |
| | CORNER GUARD SYMBOLS
CORNER GUARD, INSTALLED ABOVE 4'-1/4" HIGH WALL BASE.
- INDICATES 4'-0" TALL |
| | NIGHT LIGHT |
| | HOSE BIB |
| | FIRE EXTINGUISHER SYMBOLS |
| | RECESSED FIRE EXTINGUISHER CABINET |
| | WALL MOUNTED FIRE EXTINGUISHER ON BRACKET. |

KEY PLAN



07/06/20
This floor plan is a contract and is not to be used for any other purpose. It is the responsibility of the architect to ensure that the information is accurate and complete. The architect is not responsible for any errors or omissions in the plan.

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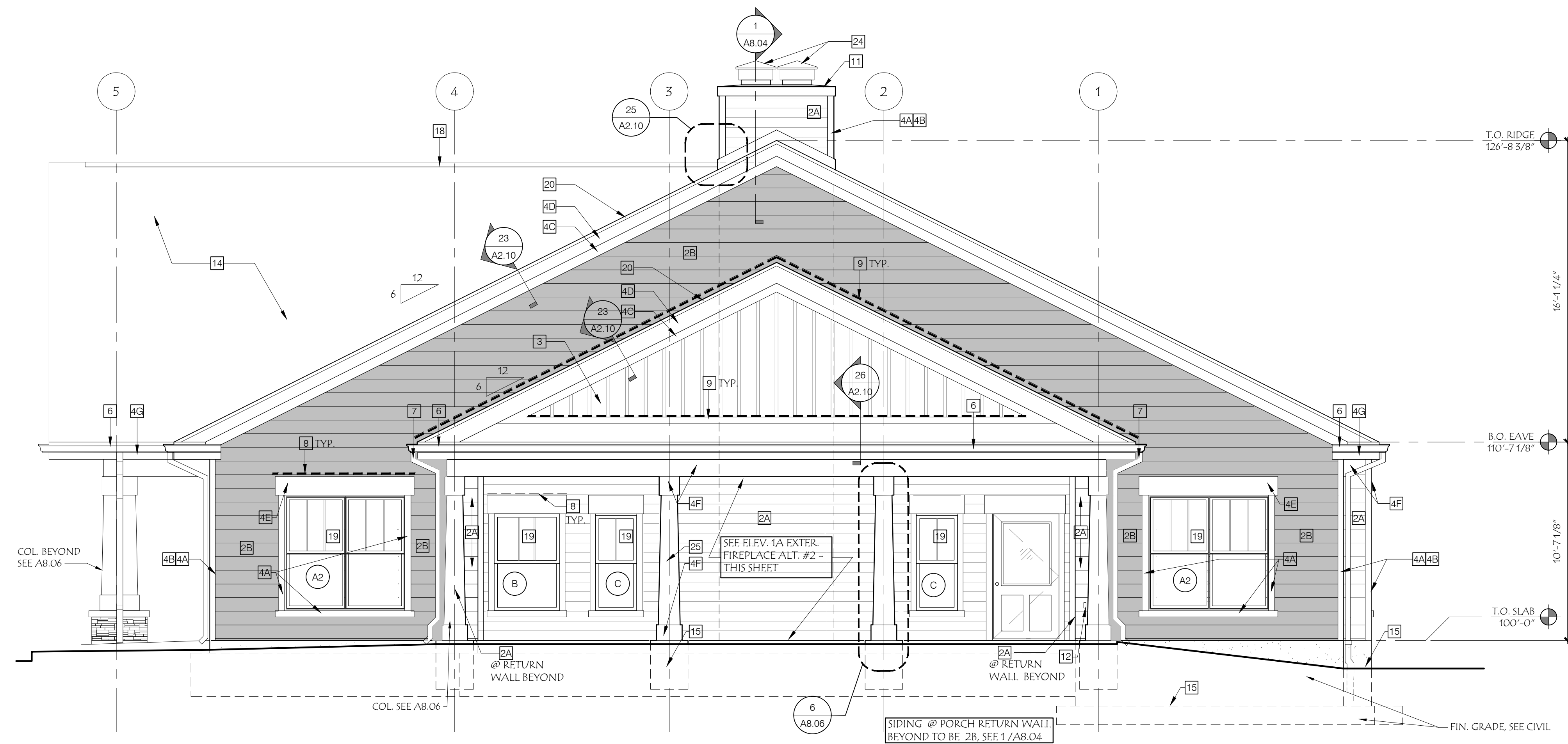
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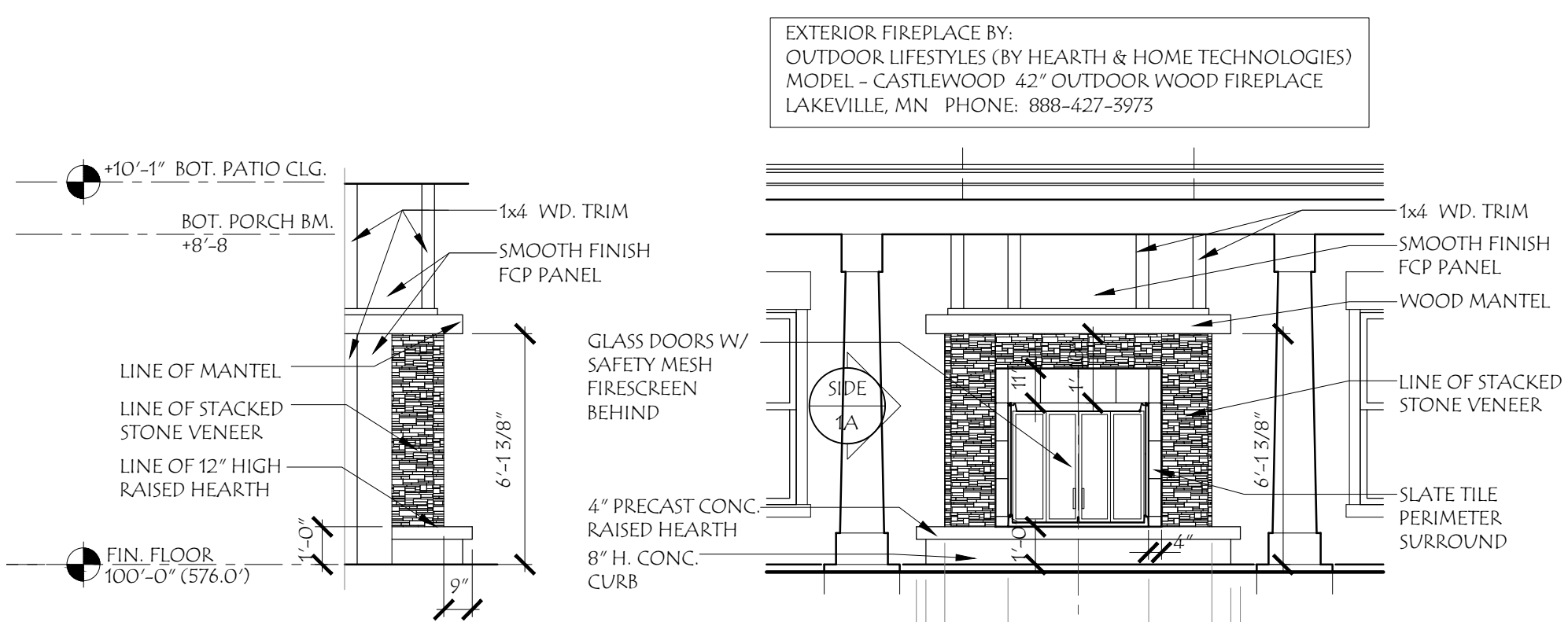
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FLOOR PLAN - AREA B

A2.01

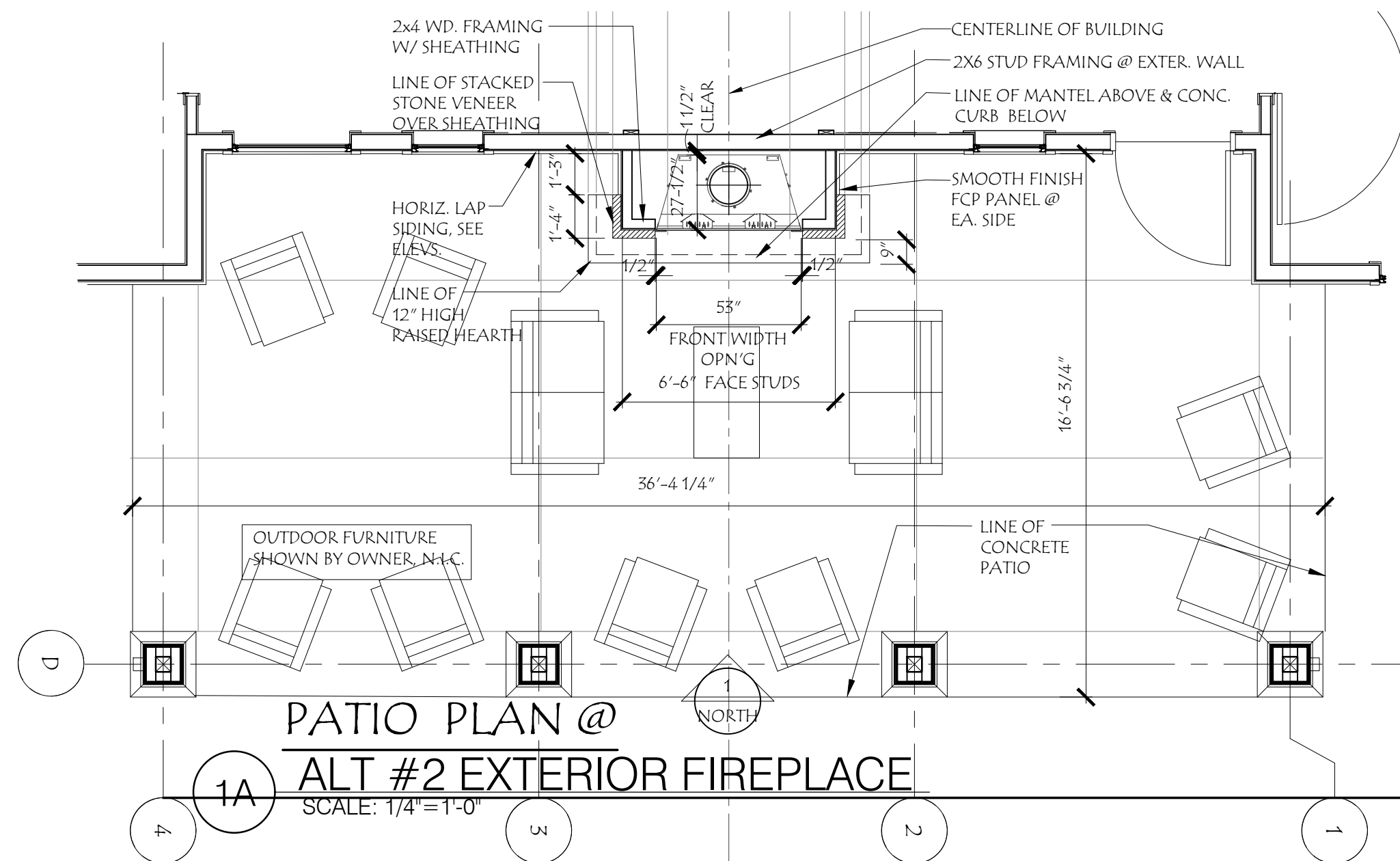


1 NORTH ELEVATION - BASE BID
SCALE: 1/4"=1'-0"

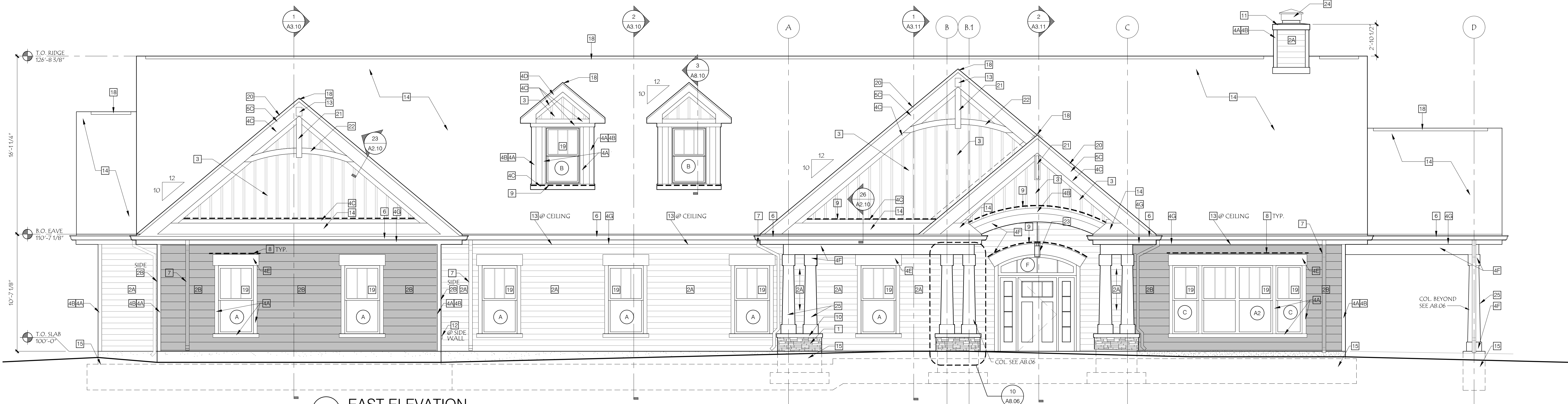


1A SIDE ELEV. @
ALT #2 EXTER. FIREPLACE
SCALE: 1/4"=1'-0"

1A PARTIAL NORTH ELEV.
ALT #2 EXTERIOR FIREPLACE
SCALE: 1/4"=1'-0"



1A PATIO PLAN @
ALT #2 EXTERIOR FIREPLACE
SCALE: 1/4"=1'-0"



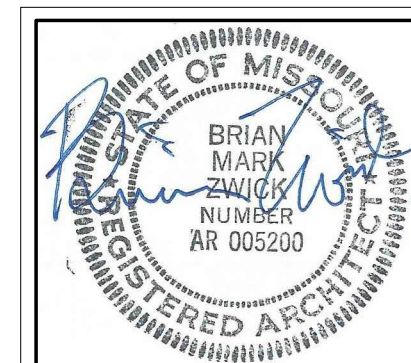
2 EAST ELEVATION
SCALE: 1/4"=1'-0"

EXTERIOR ELEVATION GENERAL NOTES

1. ELEVATION TARGET SYMBOLS ARE TO TOP OF SLAB, AND OTHER ELEMENTS AS INDICATED.
2. REFER TO STRUCTURAL DRAWINGS FOR INFORMATION RELATED TO FOUNDATION, BUILDING STRUCTURE AND LAYOUT OF SUCH.
3. REFER TO THE FLOOR PLANS FOR LOUVER, DOOR AND WINDOW SYMBOLS, AND THE REFERENCED MATERIAL INFORMATION.
4. CONTRACTOR SHALL COORDINATE ROUGH OPENING DIMENSIONS WITH WINDOW AND DOOR MANUFACTURER PRIOR TO ORDERING.
5. FOR WINDOW TYPES SEE SHEET A8.10

EXTERIOR MATERIAL LEGEND

TYPE	MATERIAL	MANUFACTURER	MODEL/COMMENT	COLOR
1	ADHERED STONE	CULTURED STONE	COBBLEFIELD, THIN SET STONE	TBD BY ARCHITECT
2A	HORIZONTAL LAP SIDING	JAMES HARDIE	CEDARMILL, 5" EXPOSURE	LIGHT MIST
2B	HORIZONTAL LAP SIDING	JAMES HARDIE	CEDARMILL, 8" EXPOSURE	EVENING BLUE
3	VERTICAL FIBER CEMENT SIDING W/ BATTENS	JAMES HARDIE	SMOOTH HARDIE PANEL SIDING WITH VERTICAL 3/4"X1 1/2" HARDIE BATTEN BOARDS 8" O.C.	LIGHT MIST
4A	5/4" X 3 1/2" COMPOSITE TRIM BOARD (1" ACTUAL)	JAMES HARDIE	SMOOTH	ARTIC WHITE
4B	5/4" X 4 1/2" COMPOSITE TRIM BOARD (1" ACTUAL)	JAMES HARDIE	SMOOTH	ARTIC WHITE
4C	5/4" X 5 1/2" COMPOSITE TRIM BOARD (1" ACTUAL)	JAMES HARDIE	SMOOTH	ARTIC WHITE
4D	5/4" X 9 1/4" COMPOSITE TRIM BOARD (1" ACTUAL)	JAMES HARDIE	SMOOTH PAD OUT 3/4" WHEN STACKED OVER LOWER BOARD TRIM	ARTIC WHITE
4E	5/4" X 11 1/4" COMPOSITE TRIM BOARD (1" ACTUAL)	JAMES HARDIE	SMOOTH	ARTIC WHITE
4F	5/4" COMPOSITE TRIM BOARD (1" ACTUAL)	JAMES HARDIE	SMOOTH	ARTIC WHITE
4G	ALUM. WRAPPED 2" X 12" FASCIA BOARD	-	-	-
5A	3/4" X 3 1/2" COMPOSITE TRIM BOARD (3/4" ACTUAL)	JAMES HARDIE	SMOOTH	ARTIC WHITE
5B	3/4" X 5 1/2" COMPOSITE TRIM BOARD (3/4" ACTUAL)	JAMES HARDIE	SMOOTH	ARTIC WHITE
5C	3/4" X 7 1/4" COMPOSITE TRIM BOARD (3/4" ACTUAL)	JAMES HARDIE	SMOOTH	ARTIC WHITE
5D	3/4" COMPOSITE TRIM BOARD (3/4" ACTUAL)	JAMES HARDIE	SMOOTH	ARTIC WHITE
6	PREFINISHED SHEET MTL. GUTTER	-	6"W X 4 1/2"D (U.N.O.)	WHITE
7	PREFINISHED SHEET MTL. DOWN SPOUT	-	4"W X 3"D (U.N.O.)	WHITE
8	PREFINISHED SHEET MTL. "Z" FLASHING	-	-	WHITE
9	PREFINISHED SHEET MTL. FLASHING W/4" VERT. LEG OVER ICE & WATER SHIELD	-	-	-
10	PRECAST WATERTABLE/SILL	-	-	-
12	PREFINISHED SHEET MTL. FLASHING	-	-	-
12	NOSE BIBB	-	T B D	-
13	LIGHT FIXTURE	-	-	-
14	ASPHALT ARCHITECTURAL SHINGLES	-	-	-
15	CONCRETE FOOTING, SEE STRUCT.	-	-	-
16	NOT USED	-	-	-
17	SLIDING VINYL WINDOW	-	SEE SHEET A8.10 FOR WINDOW TYPES	-
18	RIDGE VENT	-	-	-
19	SINGLE HUNG VINYL WINDOW	-	SEE SHEET A8.10 FOR WINDOW TYPES	-
20	PREFINISHED SHEET MTL. DRIP EDGE TRIM	-	-	-
21	ORNAMENTAL PVC BRACKET	-	SUBMIT STYLES	-
22	ORNAMENTAL PVC RADIUS BRACKET	-	SUBMIT STYLES	-
23	DECORATIVE ENTRY LIGHT	-	-	-
24	SHT. MTL. FLUE CAP	-	-	-
25	PVC COLUMN WRAP	-	-	-



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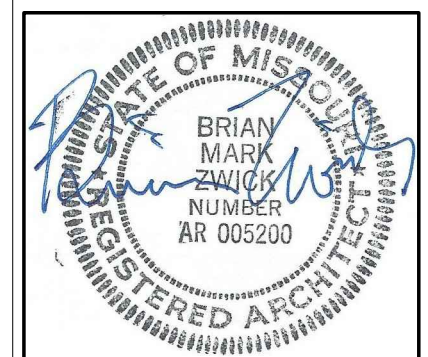
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ELEVATIONS

A3.00



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ELEVATIONS

A3.01

EXTERIOR ELEVATION GENERAL NOTES

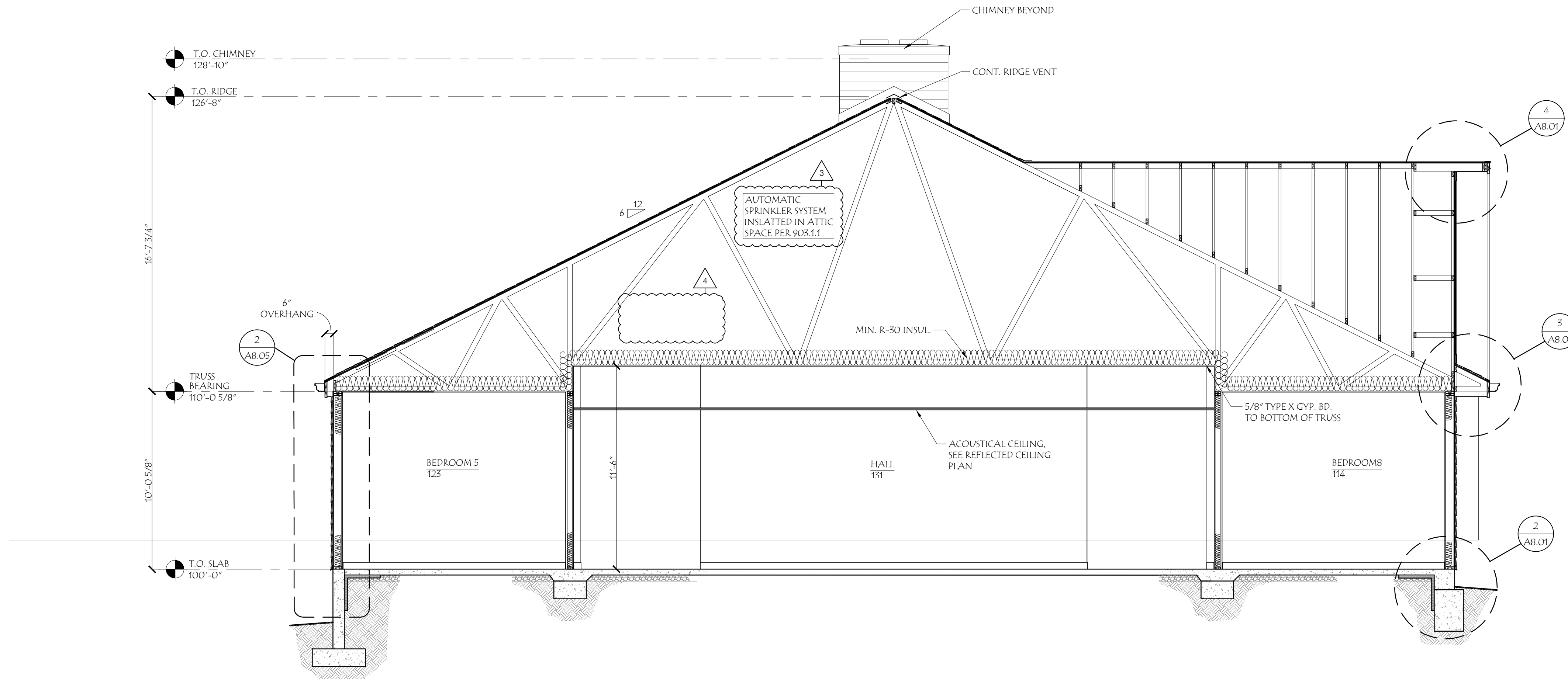
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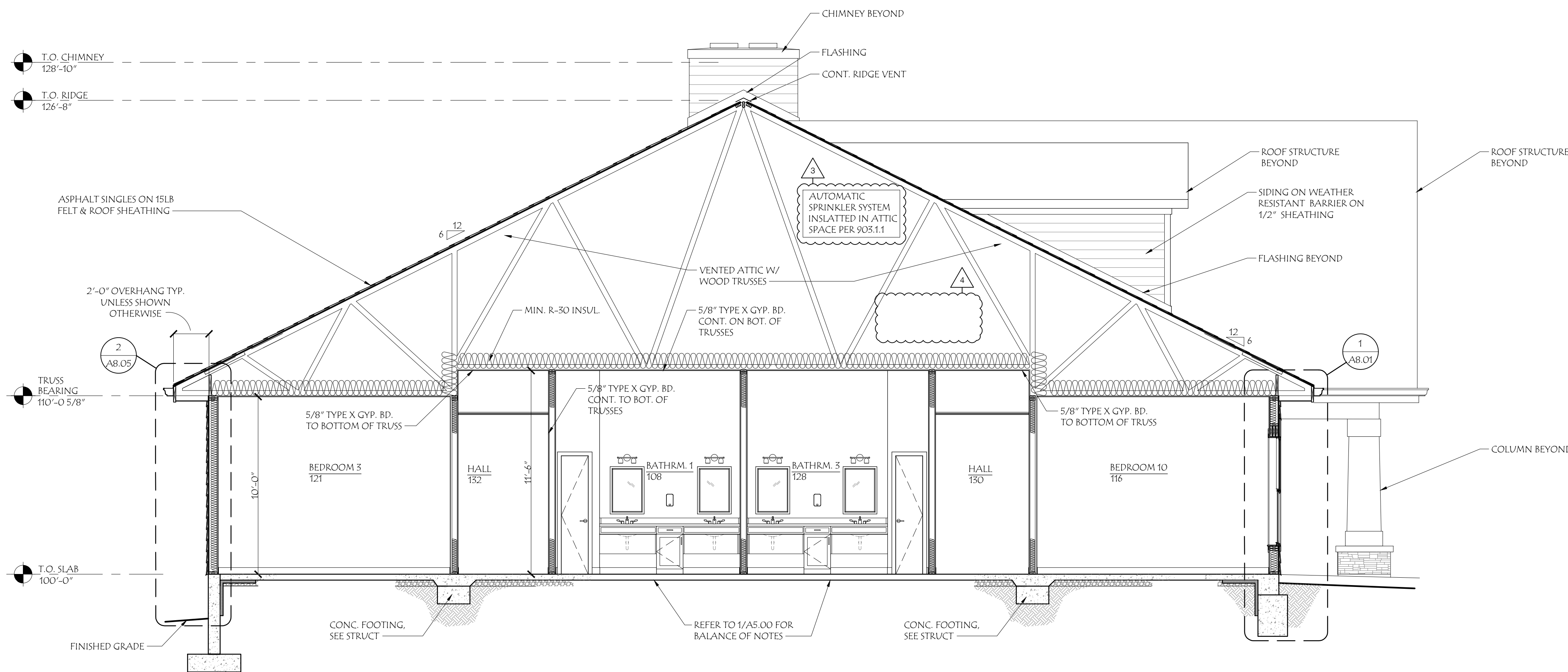
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10	PRECAST WATERTABLE/SILL	-	-	-
11	PREFINISHED SHEET MTL. FLASHING	-	-	-
12	HOSE BIBS	-	T B D	-
13	LIGHT FIXTURE	-	-	-
14	ASPHALT ARCHITECTURAL SHINGLES	-	-	-
15	CONCRETE FOOTING, SEE STRUCT.	-	-	-
16	NOT USED	-	-	-
17	SLIDING VINYL WINDOW	-	SEE SHEET A8.10 FOR WINDOW TYPES	-
18	RIDGE VENT	-	-	-
19	SINGLE HUNG VINYL WINDOW	-	SEE SHEET A8.10 FOR WINDOW TYPES	-
20	PREFINISHED SHEET MTL. DRIP EDGE TRIM	-	-	-
21	ORNAMENTAL PVC BRACKET	-	SUBMIT STYLES	-
22	ORNAMENTAL PVC RADIUS BRACKET	-	SUBMIT STYLES	-
23	DECORATIVE ENTRY LIGHT	-	-	-
24	SHT. MTL. FLUE CAP	-	-	-
25	PVC COLUMN WRAP	-	-	-

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

2 WEST ELEVATION
SCALE: 1/4"=1'-0"



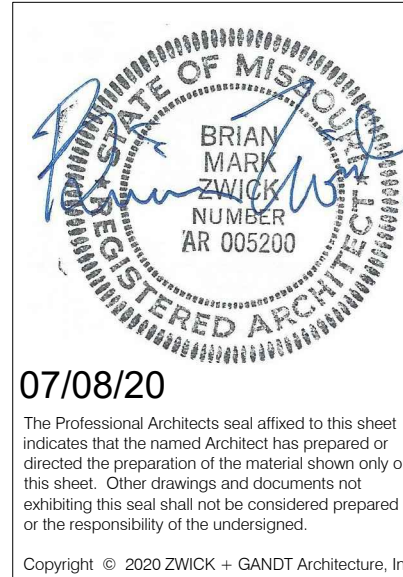
1 CROSS SECTION
SCALE: 1/4"=1'-0"



2 CROSS SECTION
SCALE: 1/4"=1'-0"

WALL SECTION GENERAL NOTES

1. A PRECONSTRUCTION CONFERENCE IS REQUIRED PRIOR TO INSTALLATION OF ALL EXPOSED CONDUITS, BOXES & DEVICES TO REVIEW ROUTINGS & LOCATIONS OF DEVICES IN CONJUNCTION WITH AREAS INDICATED TO HAVE AN EXPOSED STRUCTURE.
2. WALL INSULATION WITHIN EXTERIOR WALLS TO BE OVERLAPPED 1'-0" MIN. VERTICALLY ABOVE THE ADJACENT ROOF/CEILING.
3. WHETHER SHOWN ON THE DRAWINGS OR NOT, THE GENERAL CONTRACTOR HAS SOLE RESPONSIBILITY TO ENSURE THAT AN AIRTIGHT SEAL BETWEEN THE ENTIRE ROOF PERIMETER CONNECTION TO THE EXTERIOR WALL CONSTRUCTION, ANY OTHER ROOF PENETRATIONS, OR OTHER PARTIAL HEIGHT WALL CONSTRUCTION IS MAINTAINED, WHETHER HIS OWN FORCES OR ANY OF THE MULTIPLE SUBCONTRACTORS UNDER HIS CONTROL INVOLVED IN THIS PORTION OF THE WORK.
4. ALL EXTERIOR WALL SHEATHING SHOWN TO BE 1/2" EXTERIOR GRADE PLYWOOD, PER STRUCTURAL DRAWINGS.
5. STUD FRAMING CONTRACTOR RESPONSIBILITY FOR PERFORMING THE WORK; HAVE SOLE RESPONSIBILITY TO INSTALL ALL APPROVED FIRESTOPPING MATERIAL IN ACCORDANCE WITH THE IRC BUILDING CODE WHETHER SHOWN ON THE DRAWINGS OR NOT.
6. FIRE-BLOCKING AND DRAFTSTOPPING SHALL BE INSTALLED IN COMBUSTIBLE CONCEALED LOCATIONS INSTALLED TO CUT-OFF CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL) AND SHALL FORM AN EFFECTIVE BARRIER BETWEEN FLOORS, BETWEEN A TOP STORY AND A ROOF ATTIC SPACE. FIRE-BLOCKING SHALL CONSIST OF:
 - a. TWO - INCH NOMINAL LUMBER.
 - b. TWO THICKNESS OF 1-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS.
 - c. ONE THICKNESS OF 0.719-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 0.719-INCH WOOD STRUCTURAL PANELS.
 - d. ONE THICKNESS OF 0.75-INCH PARTICLEBOARD WITH JOINTS BACKED BY 0.75-INCH PARTICLEBOARD.
 - e. ONE-HALF-INCH GYPSUM BOARD.
 - f. ONE-FOURTH-INCH CEMENT-BASED MILLBOARD.
 - g. BATTS OR BLANKETS OF MINERAL WOOL, MINERAL FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE.
 - h. FIBERGLASS INSULATION INSTALLED AS TESTED FOR THE SPECIFIC APPLICATION.
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 1. CONCEALED WALL SPACES OF STUDS AND PARTITIONS, INCLUDING FLURRED SPACES, AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS VERTICALLY AT THE CEILING AND THE FLOOR LEVELS AND HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET.
 2. INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED HORIZONTAL SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS OR TRUSSES AND BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES AS OCCUR IN SOFFITS, DROP CEILINGS, COVE CEILINGS AND SIMILAR LOCATIONS.
 3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AND THE TOP AND BOTTOM OF THE RUN.
 4. ANNULAR SPACE AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILINGS AND FLOOR LEVELS SHALL BE INSTALLED WITH A MATERIAL SPECIFICALLY TESTED IN THE FORM AND MANNER INTENDED FOR USE TO DEMONSTRATE ITS ABILITY TO REMAIN IN PLACE AND RESIST THE FREE PASSAGE OF FLAME AND THE PRODUCTS OF COMBUSTION.
 - A. FACTORY-BUILT CHIMNEYS AND FIREPLACES SHALL BE FIRE-BLOCKED IN ACCORDANCE WITH UL 103 AND UL127.
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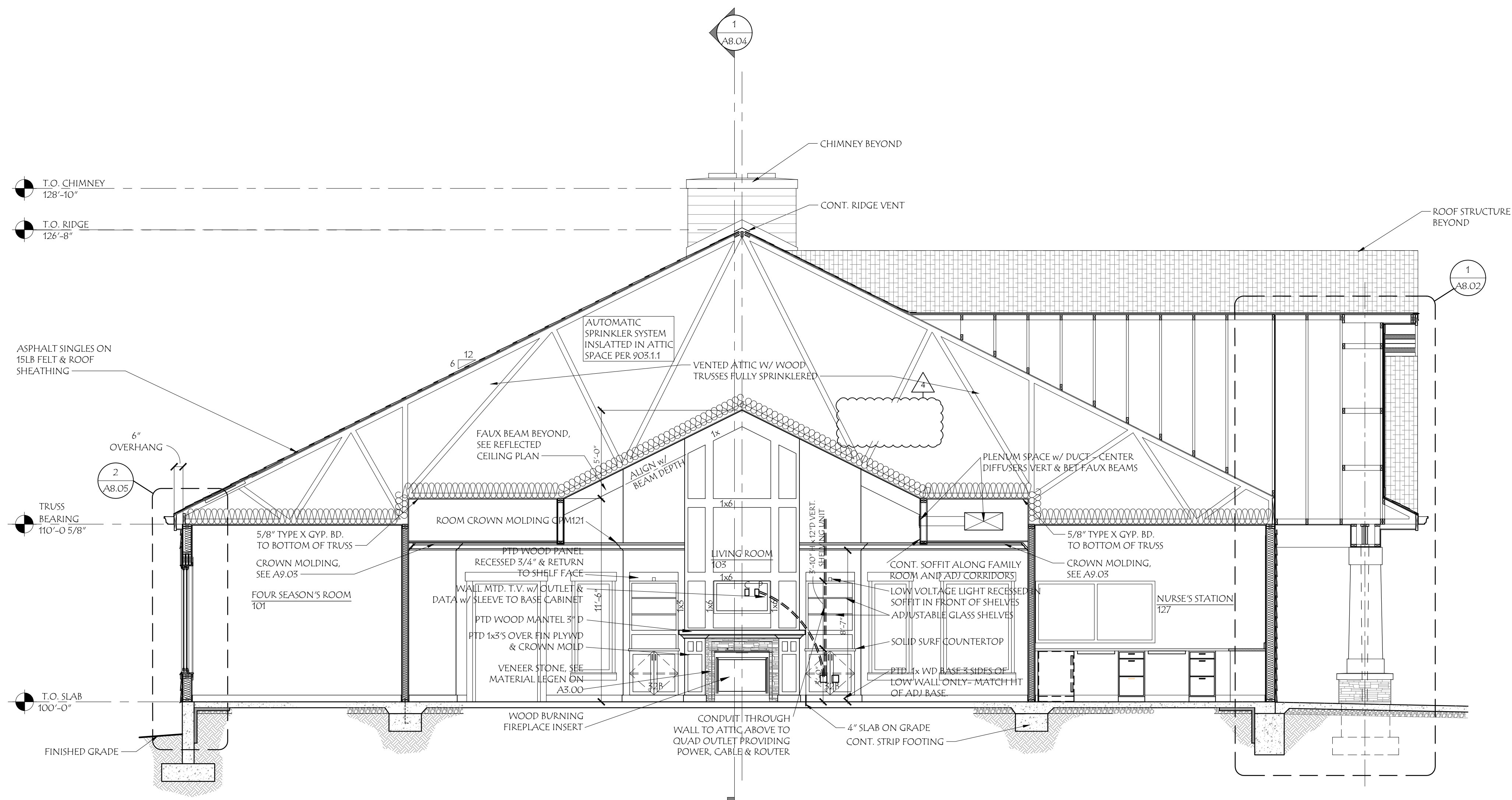
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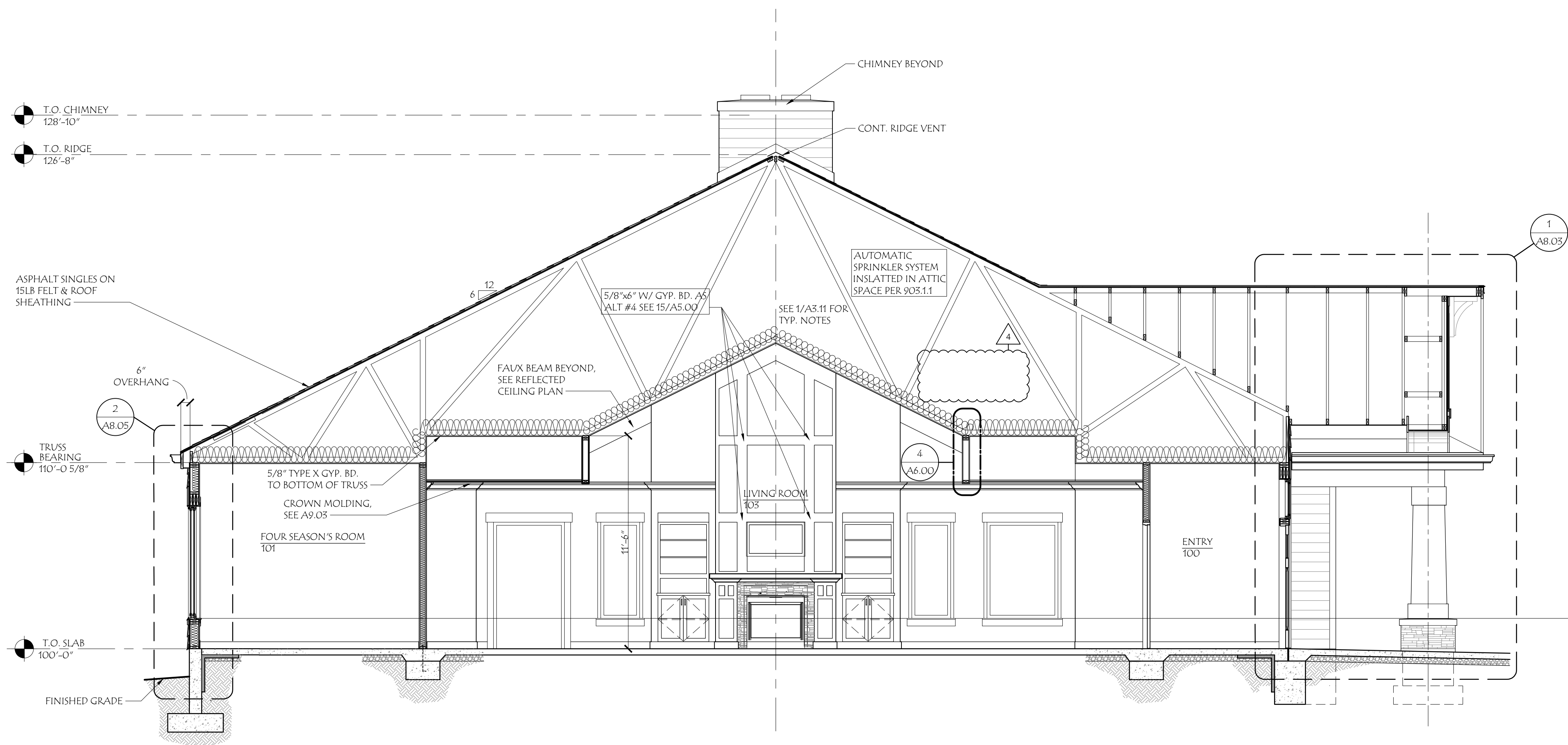
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BUILDING SECTIONS

A3.10



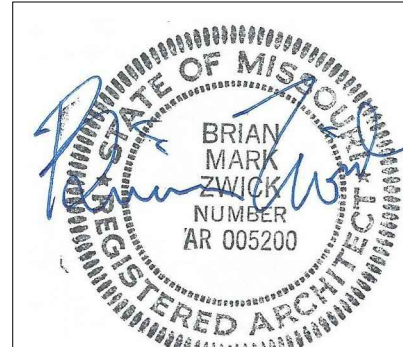
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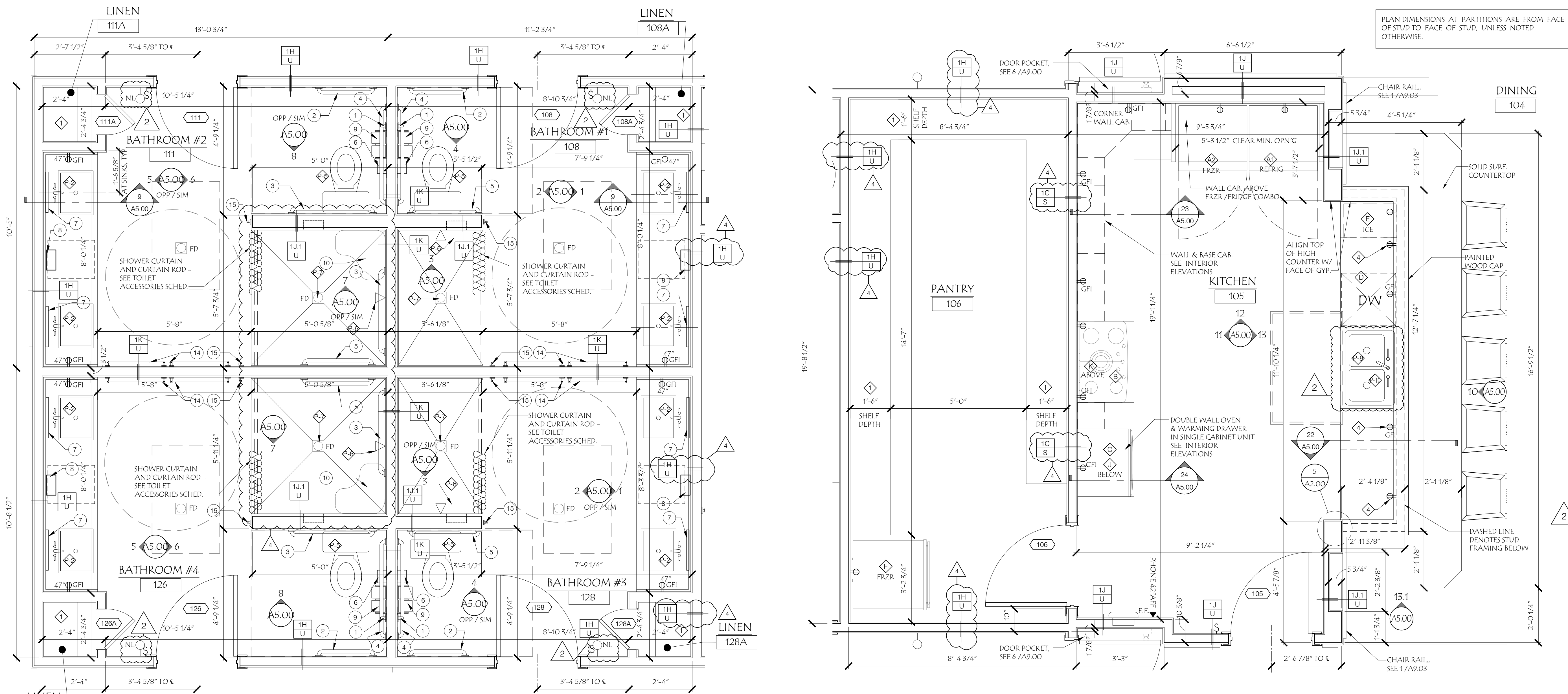
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BUILDING SECTIONS

A3.11



1	TOILET ACCESSORIES SCHEDULE			
TYPE MARK	DESCRIPTION	MANUFACTURER	MODEL	
1	18" GRAB BAR - VERTICAL	ROBRICK	B-5806-18	
2	24" GRAB BAR	ROBRICK	B-5806-24	
3	36" GRAB BAR	ROBRICK	B-5806-36	
4	42" GRAB BAR	ROBRICK	B-5806-42	
5	50" GRAB BAR	ROBRICK	B-5806-50	
6	DISPOSAL, SANITARY NAPKIN, SS, SURFACE MOUNTED	ROBRICK	B-270	
7	18" x 30" MIRROR	---	---	
8	DISPENSER, SOAP, COUNTER MOUNTED	ROBRICK	B-822	
9	DISPENSER, TOILET TISSUE, SURFACE MTD.	ROBRICK	B-288	
10	ADA SHOWER SEAT	ROBRICK	B-581	
11	MOP AND BROOM HOLDER, SURFACE MTD.	ROBRICK	B-273 x 24	
12	ADJUSTABLE SHOWER CURTAIN ROD	TRD	TRD	
13	CURTAIN	TRD	TRD	
14	TOWEL RAIL	GROHE	40566001	
15	ROBE HOOK	GROHE	40564001	

2	APPLIANCE SCHEDULE			
TYPE MARK	DESCRIPTION	MANUFACT	MODEL	
A1	REFRIGERATOR	WHIRLPOOL	WRS7R8BDM	
A2	FREEZER	WHIRLPOOL	WZS7L8BDM	
B	SURFACE COOKTOP	GE	PH9036D7RR	
C	30" DOUBLE WALL OVEN	KITCHENAID	KODE3035S	
D	DISHWASHER	MORART	CLW1-L	
E	15" U/C ICE MAKER WITH/WITHOUT DRAIN PUMP	KITCHENAID	(WITH) KUXS55S5 / (WITHOUT) KUXS55S5	
F	UPRIGHT FREEZER	WHIRLPOOL	WZT54X8BDW	
G	FRONT LOAD WASHER	WHIRLPOOL	WFW6620HW	
H	FRONT LOAD GAS DRYER	WHIRLPOOL	WGD6620HW	
J	30" WARMING DRAWER	KITCHENAID	KOWT0035S	
K	RANGE HOOD	BY MECHANICAL	---	
L	UNDERCOUNTER REFRIGERATOR	GE	GCED6031SR	

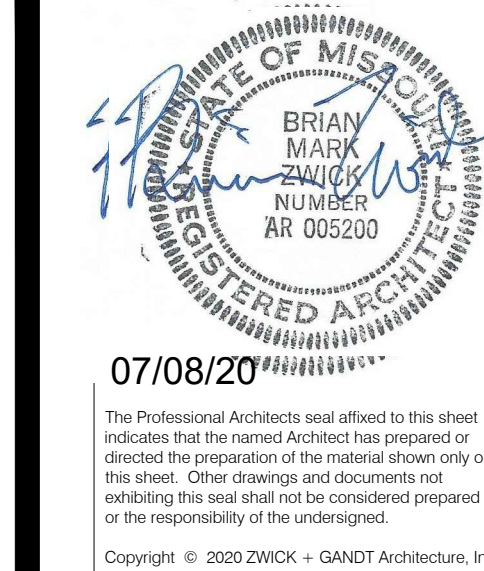
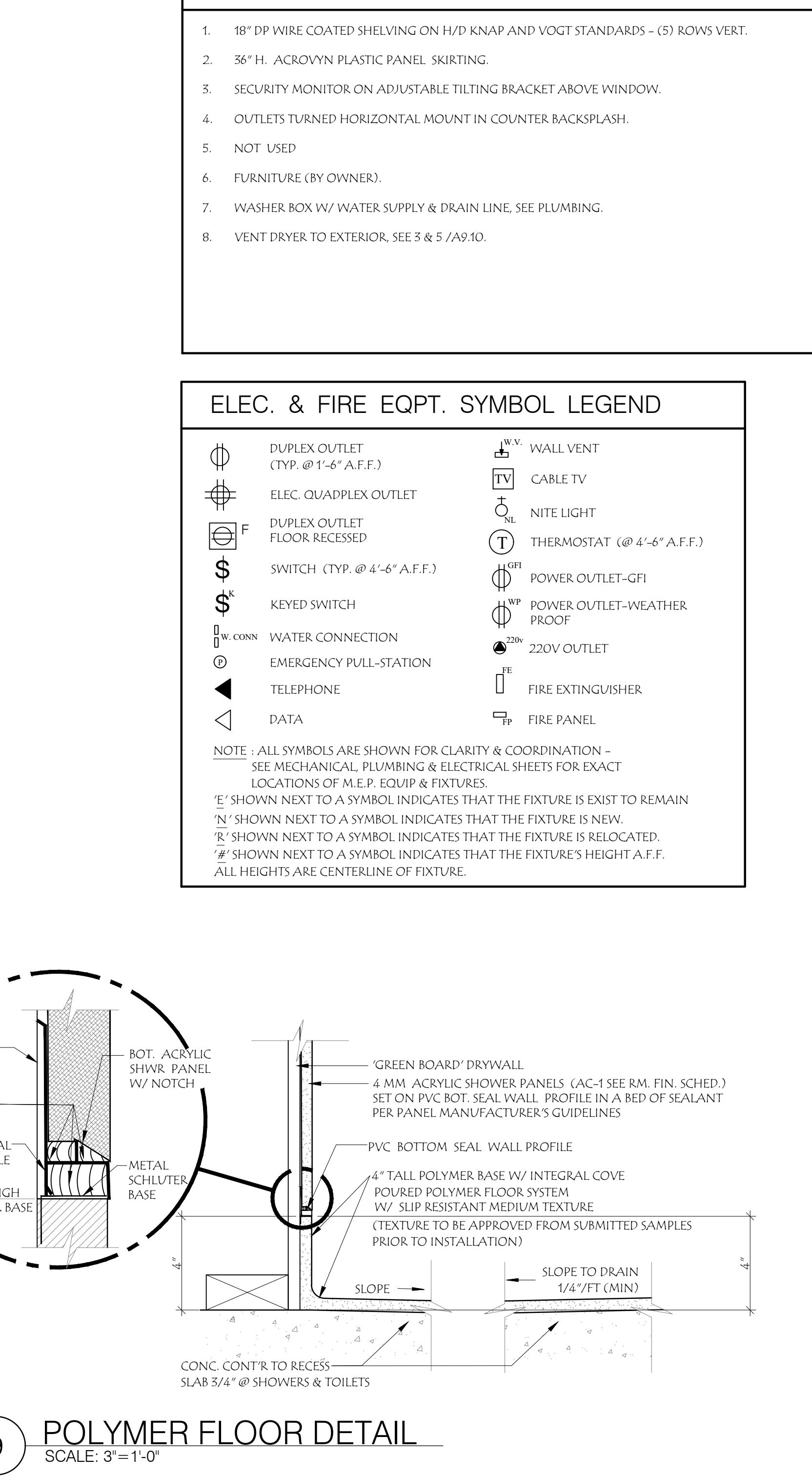
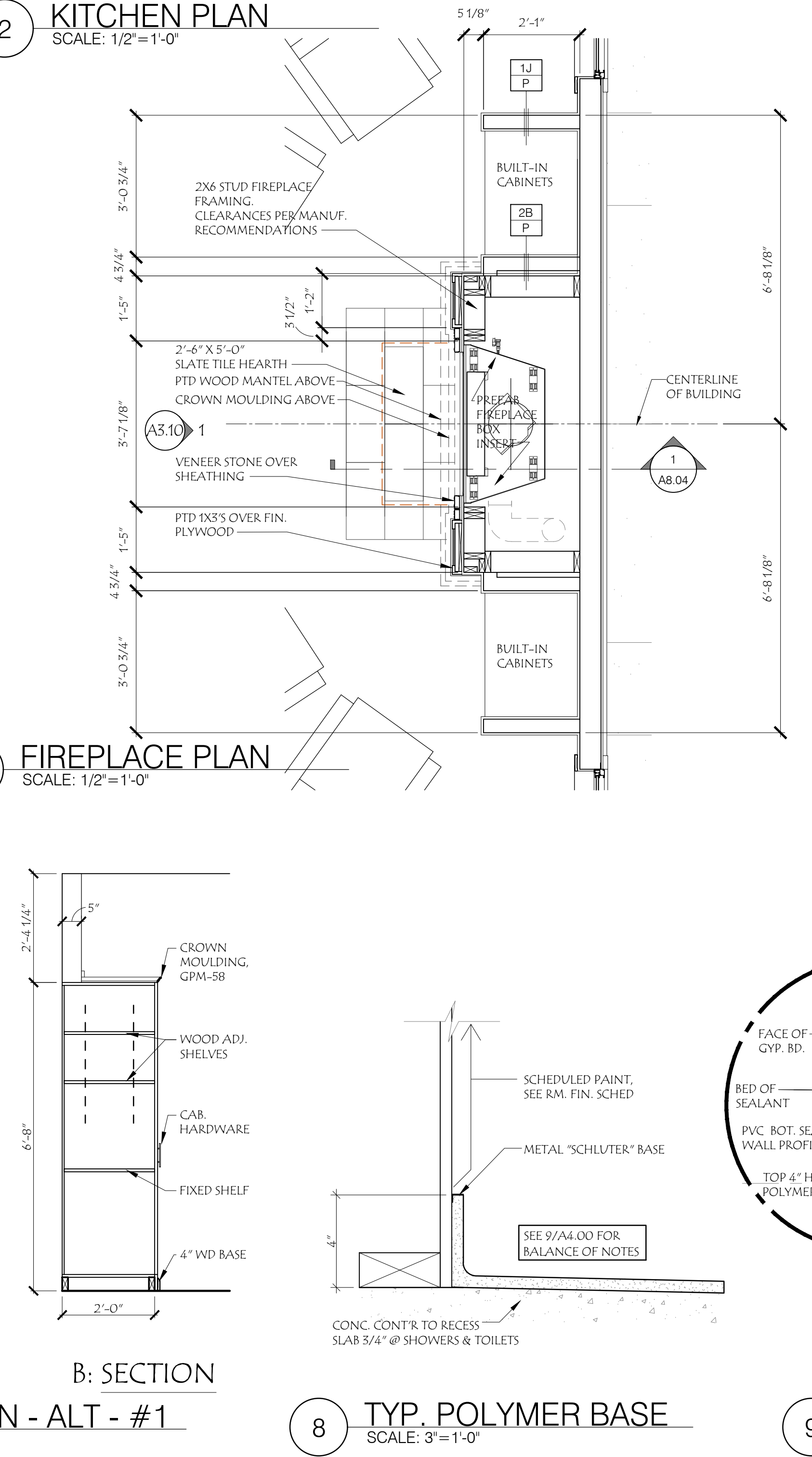
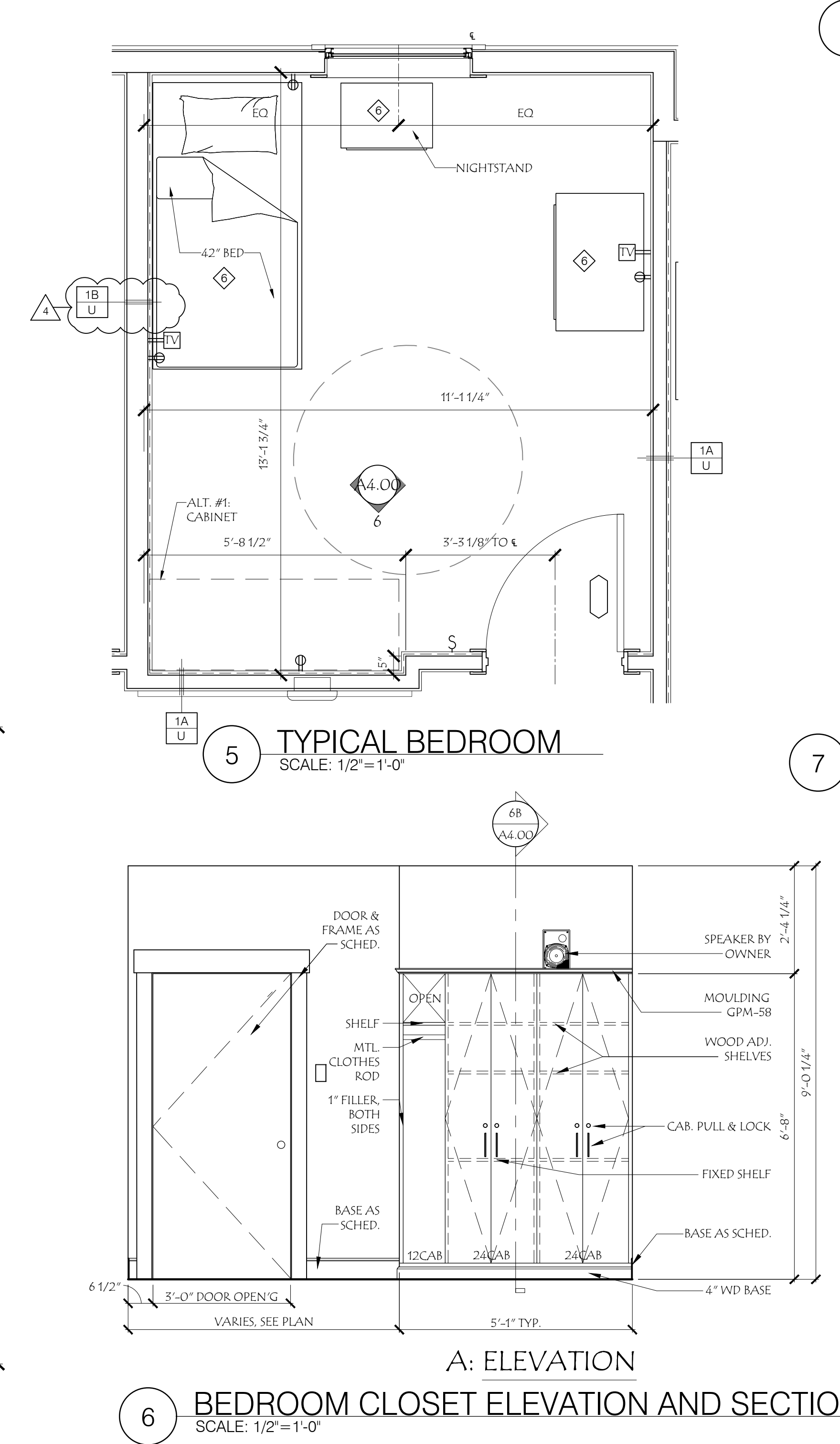
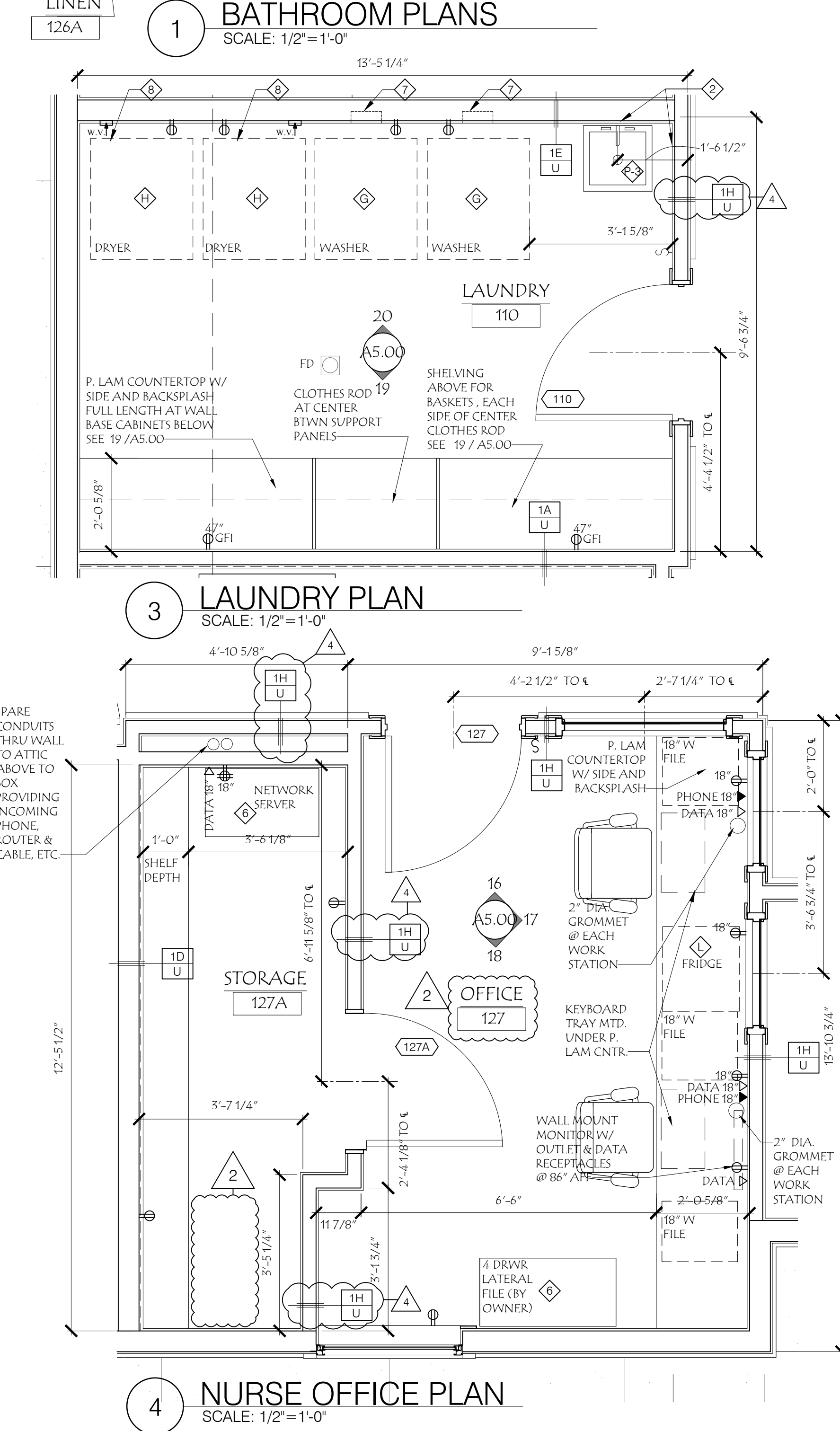
3	PLUMBING FIXTURE SCHEDULE			
TAG	DESCRIPTION	MANUFACTURER	MODEL	
P-1	NOT USED			
P-2	VANITY SINK U/C MOUNT	WICKER PARK RECTAN UNDERCOUNTER	GO012-791	
P-3	UTILITY SINK	PRO FLO	PFLT2522D	
P-4	MOP SINK	FLAT	MSRD2424	
P-5	ADA TOILET	AMERICAN STANDARD	16 1/2" H. W/ SLOAN REGAL XL FLUSHOMETER 10XL	
P-6	ADA SHWR HEAD W/OFFSET CONTROL	DELTA	INNOVATIONS MONITOR 17	
P-7	FLOOR DRAIN	SOULIER	K-8356	
P-8	DOUBLE BOWL SINK U/C MOUNT	KOHLER	K-3838 -L	
P-9	SINK	FLAT	CTRO10797KTC	
P-10	GARAGE DISPOSAL	INSINKERATOR/ EMERSON	EVOLUTION PRO 880LT	

MEDICAL EQUIPMENT SCHEDULE					
TAG	DESCRIPTION	MANUFACTURER	WIDTH	HEIGHT	REMARKS
MED-1	PATIENT LIFT	TRD	42.5"	75"	PROVIDE OUTLET FOR POWER, OWNER TO PROVIDE
MED-2	STORAGE CART	TRD	37.5"	46"	OWNER TO PROVIDE

- KEYED NOTES FOR ENLARGED PLANS**
- 18" DP WIRE COATED SHELVING ON H/D KNAP AND VOGT STANDARDS - (S) ROWS VERT.
 - 36" H. ACRYLYN PLASTIC PANEL SKIRTING.
 - SECURITY MONITOR ON ADJUSTABLE TILTING BRACKET ABOVE WINDOW.
 - OUTLETS TURNED HORIZONTAL MOUNT IN COUNTER BACKSPLASH.
 - NOT USED
 - FURNITURE (BY OWNER).
 - WASHER BOX W/ WATER SUPPLY & DRAIN LINE, SEE PLUMBING.
 - VENT DRYER TO EXTERIOR, SEE 3 & 5 /A9.10.

ELEC. & FIRE EQPT. SYMBOL LEGEND			
	DUPLEX OUTLET (TYP. @ 1'-6" A.F.F.)		WALL VENT
	ELEC. QUADPLEX OUTLET		CABLE TV
	DUPLEX OUTLET FLOOR RECESSED		NITE LIGHT
	SWITCH (TYP. @ 4'-6" A.F.F.)		THERMOSTAT (W/ 4'-6" A.F.F.)
	KEYED SWITCH		POWER OUTLET-GFI
	WATER CONNECTION		POWER OUTLET-WEATHER PROOF
	EMERGENCY PULL-STATION		220V OUTLET
	TELEPHONE		FIRE EXTINGUISHER
	DATA		FIRE PANEL

NOTE: ALL SYMBOLS ARE SHOWN FOR CLARITY & COORDINATION - SEE MECHANICAL, PLUMBING & ELECTRICAL SHEETS FOR EXACT LOCATIONS OF M.E.P. EQUIP. & FIXTURES.
'E' SHOWN NEXT TO A SYMBOL INDICATES THAT THE FIXTURE IS EXIST TO REMAIN
'N' SHOWN NEXT TO A SYMBOL INDICATES THAT THE FIXTURE IS NEW.
'R' SHOWN NEXT TO A SYMBOL INDICATES THAT THE FIXTURE IS RELOCATED.
'S' SHOWN NEXT TO A SYMBOL INDICATES THAT THE FIXTURE'S HEIGHT A.F.F.
ALL HEIGHTS ARE CENTERLINE OF FIXTURE.



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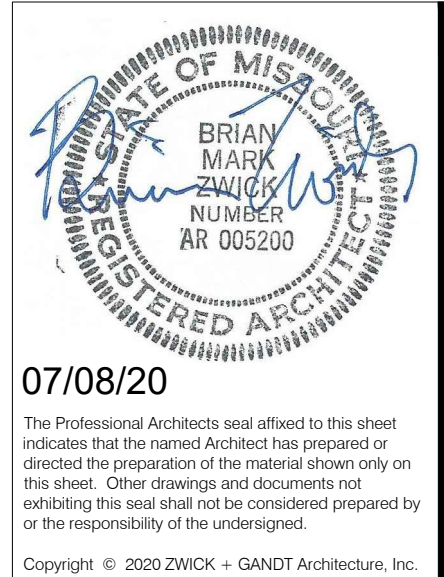
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ENLARGED FLOOR PLANS

A4.00



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INTERIOR ELEVATIONS & CASEWORK

A5.00

GENERAL CASEWORK NOTES

- ALL EXPOSED CABINETRY RETURNS PRIMARILY NOT AGAINST ADJACENT WALLS ARE TO BE FINISHED WITH LAMINATE MATCHING THE CABINETRY FRONT SURFACE WHERE APPLICABLE.
- ALL METAL FINISHES ON ANY HARDWARE TO MATCH SCHEDULED DOOR HARDWARE.
- NOT USED.
- PROVIDE CABINET LOCKS AT NURSE STATION 127 AS DIRECTED BY OWNER.
- ALL COUNTERS WITH SINKS OR PLUMBING TO HAVE A POST-FORMED EDGE WHERE APPLICABLE.
- ALL COUNTERS TO HAVE 4" HIGH BACK SPLASH AND SIDE SPLASH ALONG ADJACENT WALLS. CAULK BACK SPLASH TO WALL SEALING ANY/ALL CRACKS.
- SEE FINISH MATERIAL LEGEND FOR ALL LAMINATE TO BE USED.
- INSTALL BASE MATERIAL SCHEDULED IN THE ROOM WHERE THE CABINETRY IS LOCATED ON ALL FRONT, SIDES AND BACKS OF ALL CABINETRY.
- NOT USED.

KEYED CASEWORK/INTERIOR NOTES

- 1 EPOXY BASE, SEE DETAILS 8 & 9 / A4.00
- 2 4 MM ACRYLIC SURROUNDS ON ALL SIDES OF SHOWER COMPARTMENTS
- 3 SOLID SURF COUNTERTOP WITH BACKSPLASH/SIDESPLASH WHERE REQ'D
- 4 PTD. WALL PER SCHED.
- 5 WOOD CABINETS
- 6 BASE PER SCHED.
- 7 ACRYLIC WALL PROTECTION & TRIM
- 8 WOOD CAP - PAINTED
- 9 1" SHIM
- 10 NOT USED
- 11 NOT USED
- 12 NOT USED
- 13 NOT USED
- 14 3/4" THK. 12"D WOOD FIXED SHELF
- 15 3/4" THK. 12"D WOOD ADJ. SHELVES (TYP.)
- 16 NOT USED
- 17 NOT USED
- 18 PLASTIC LAM. CABINETS & COUNTERTOP

TOILET ACCESSORIES SCHEDULE

TYPE MARK	DESCRIPTION	MANUFACTURER	MODEL
1	18" GRAB BAR - VERTICAL	ROBRICK	B-5806418
2	24" GRAB BAR	ROBRICK	B-5806424
3	36" GRAB BAR	ROBRICK	B-5806436
4	42" GRAB BAR	ROBRICK	B-5806442
5	30" GRAB BAR	ROBRICK	B-5806430
6	DISPOSAL, SANITARY NAPKIN, SS, SURFACE MOUNTED	ROBRICK	B-270
7	18" X 30" MIRROR	ROBRICK	B-4022
8	DISPENSER, SOAP, COUNTER MOUNTED	ROBRICK	B-2988
9	DISPENSER, TOILET TISSUE, SURFACE MTD.	ROBRICK	B-5181
10	ADA SHOWER SEAT	ROBRICK	B-223 X 24
11	MOP AND ROOM HOLDER, SURFACE MTD.	TRD	TRD
12	ADJUSTABLE SHOWER CURTAIN ROD	GROHE	A0366001
13	CURTAIN	GROHE	A0364001
14	TOWEL RAIL	GROHE	A0364001
15	ROBE HOOK	GROHE	A0364001

APPLIANCE SCHEDULE

TYPE MARK	DESCRIPTION	MANUFACT.	MODEL
A1	REFRIGERATOR	WHIRLPOOL	WRS7R8BDM
A2	FREEZER	WHIRLPOOL	WFS2575BDM
B	SURFACE COOKTOP	GE	P903600BB
C	30" DOUBLE WALL OVEN	KITCHENAID	KODES0035
D	DISHWASHER	HOBART	CUH-1
E	1/2" U/C ICE MAKER WITH/WITHOUT DRAIN PUMP	KITCHENAID	(WITH) KUXS3555 / (WITHOUT) KUXS3555
F	UPRIGHT FREEZER	WHIRLPOOL	WZF34XBDM
G	FRONT LOAD WASHER	WHIRLPOOL	WFW6620HW
H	FRONT LOAD GAS DRYER	WHIRLPOOL	WGD6620HW
I	30" WARMING DRAWER	KITCHENAID	KDWT0035
K	RANGE HOOD	GE	SCED0GSH5R
L	UNDERCOUNTER REFRIGERATOR	GE	SCED0GSH5R

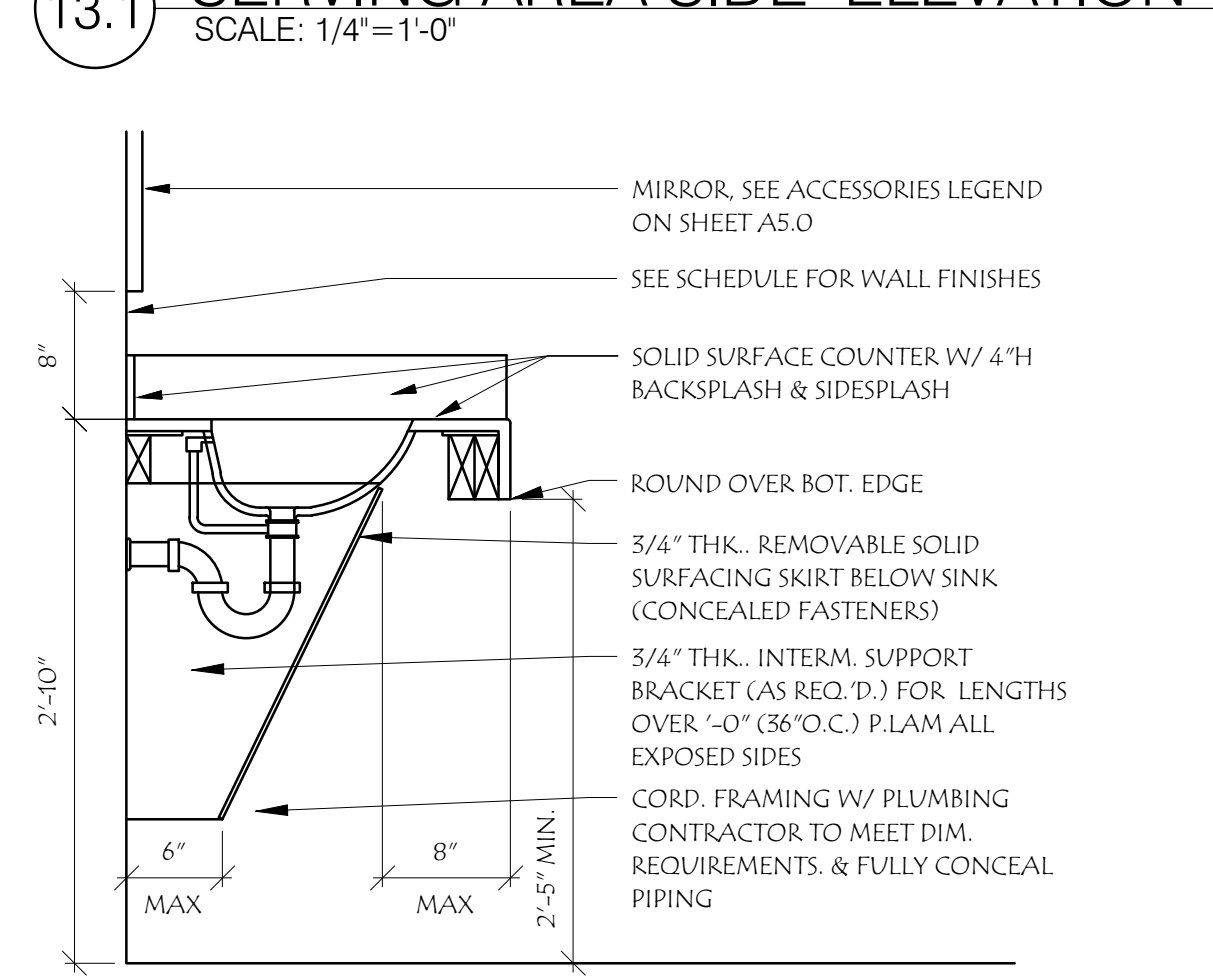
PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL
P-1	NOT USED		
P-2	VANITY SINK U/C MOUNT	WICKER PARK RECTAN UNDERCOUNTER	G0012-791
P-3	UTILITY SINK	PRO FLO	PFLT2522D
P-4	MOP SINK	FIAT	MSB12424
P-5	ADA TOILET	AMERICAN STANDARD	8'12" H. W/ SLOAN REGAL
P-6	ADA SHWR HEAD W/OFFSET CONTROL	DELTA	INNOVATIONS MONITOR 17
P-7	FLOOR DRAIN	KOHLER	K-9156
P-8	DOUBLE ROVAL SINK U/C MOUNT	KOHLER	K-8698 -4
P-9	SINK	ELKAY	ECTRU2017RKC
P-10	GARBAGE DISPOSAL	INSINKERATOR/EMERSON	EVOLUTION PRO 880LT

MEDICAL EQUIPMENT SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	SIZE	HEIGHT	REMARKS
MED-1	PATIENT LIFT	TRD	42"5"	75"	PROVIDE OUTLET FOR POWER, OWNER TO PROVIDE
MED-2	STORAGE CART	TRD	57"5"	46"	OWNER TO PROVIDE

13.1 SERVING AREA SIDE ELEVATION

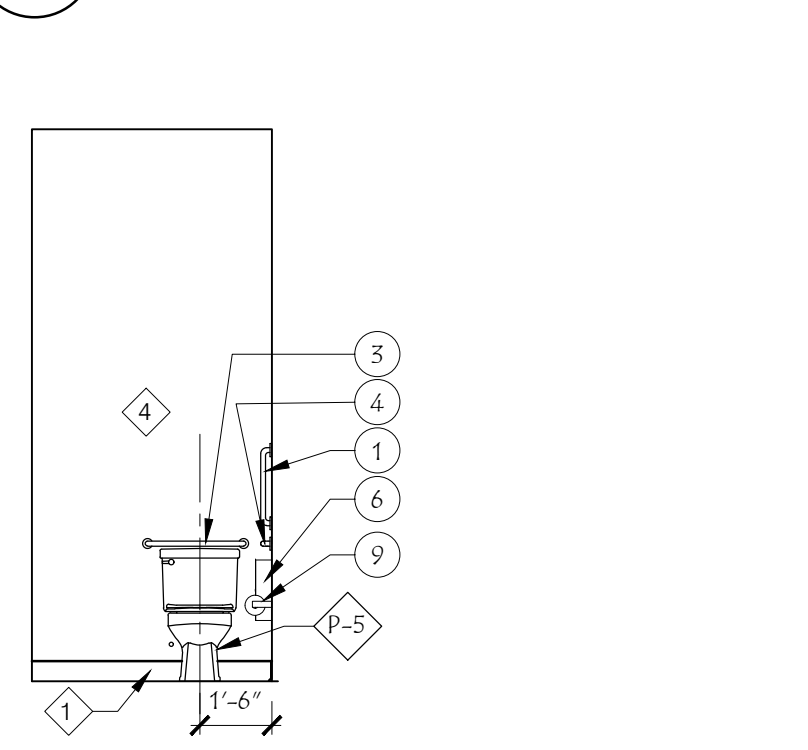


9 BATH VANITY SECTION

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

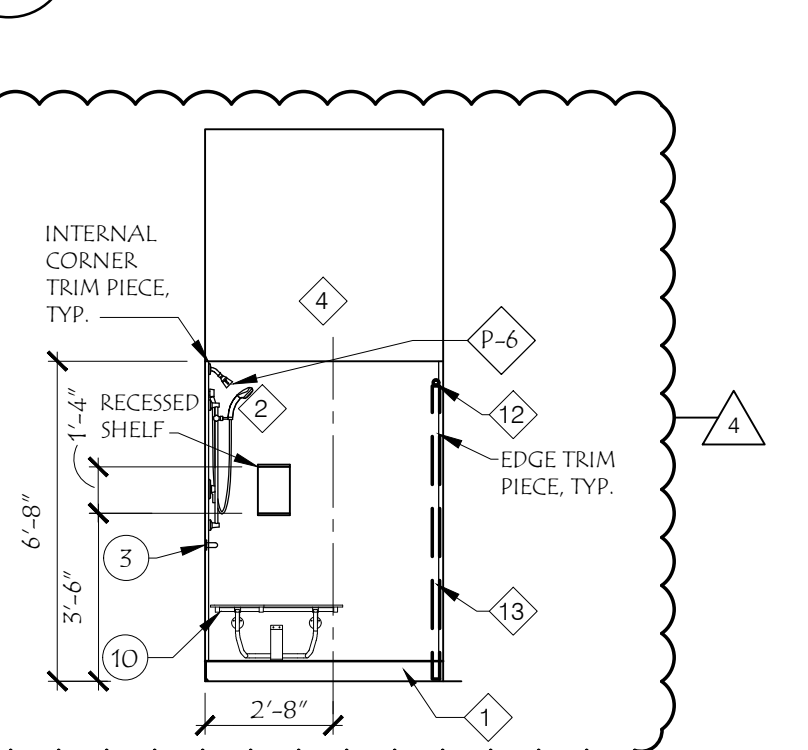
4 BATH #1 EAST ELEV

SCALE: 1/4"=1'-0" (BATH #3 - OPP. / SIM.)



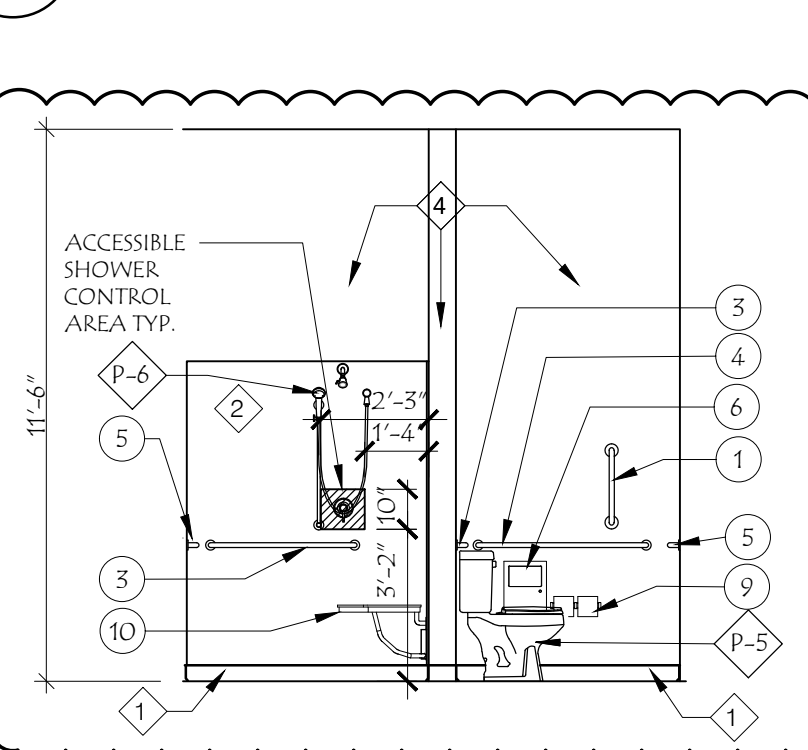
3 BATH #1 WEST ELEV

SCALE: 1/4"=1'-0" (BATH #3 - OPP. / SIM.)



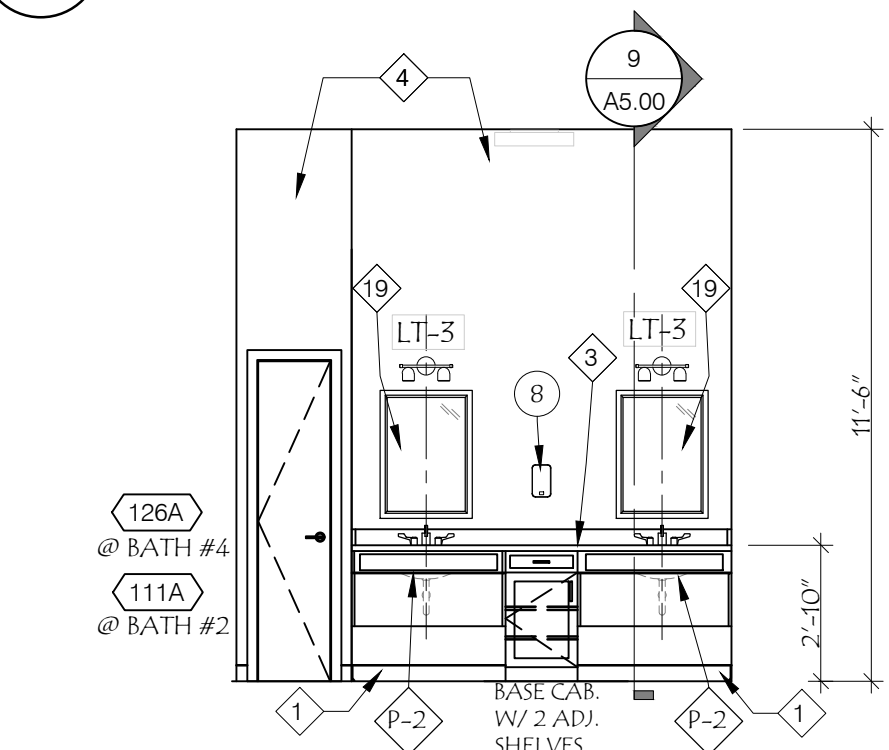
2 BATH #1 SOUTH ELEV

SCALE: 1/4"=1'-0" (BATH #3 - OPP. / SIM.)



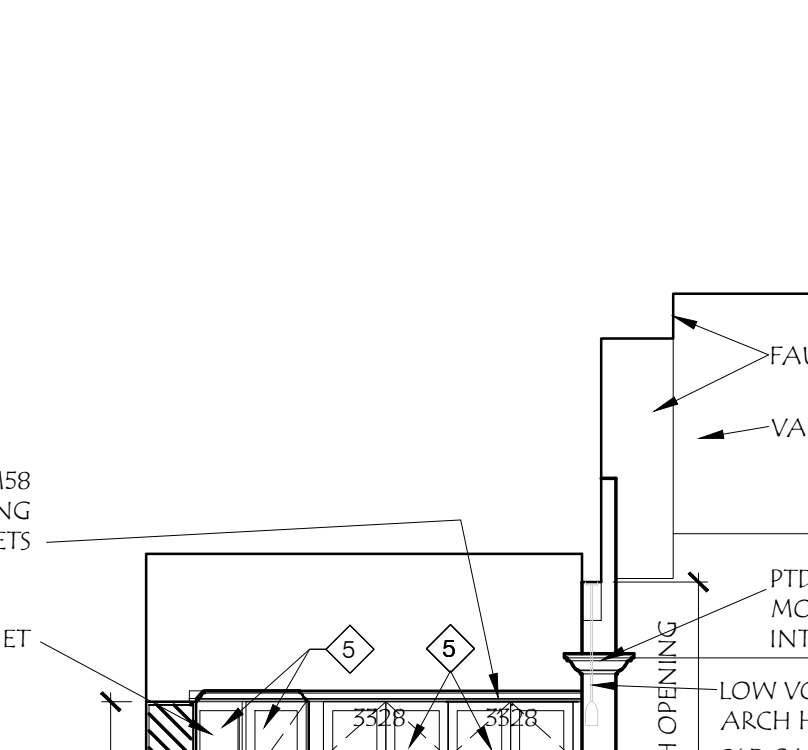
1 BATH #1 NORTH ELEV

SCALE: 1/4"=1'-0" (BATH #3 - OPP. / SIM.)



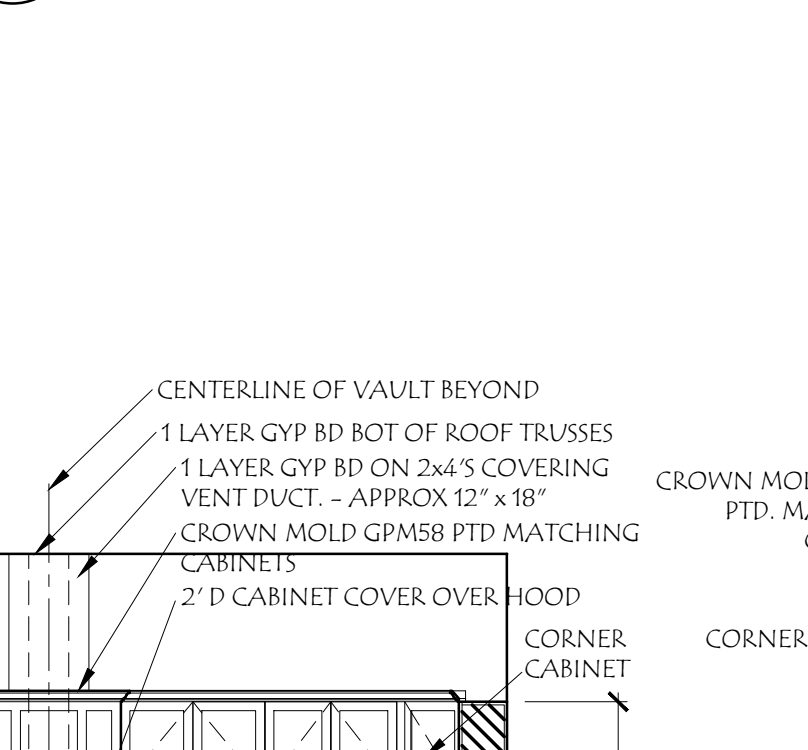
8 BATH #4 WEST ELEV

SCALE: 1/4"=1'-0" (BATH #2 - OPP. / SIM.)



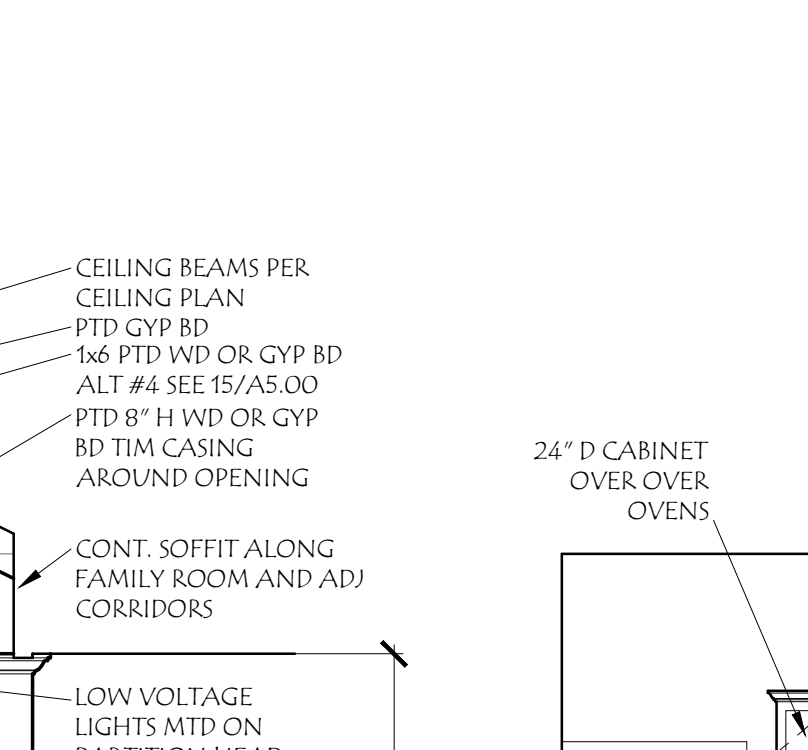
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SCALE: 1/4"=1'-0" (BATH #2 - OPP. / SIM.)



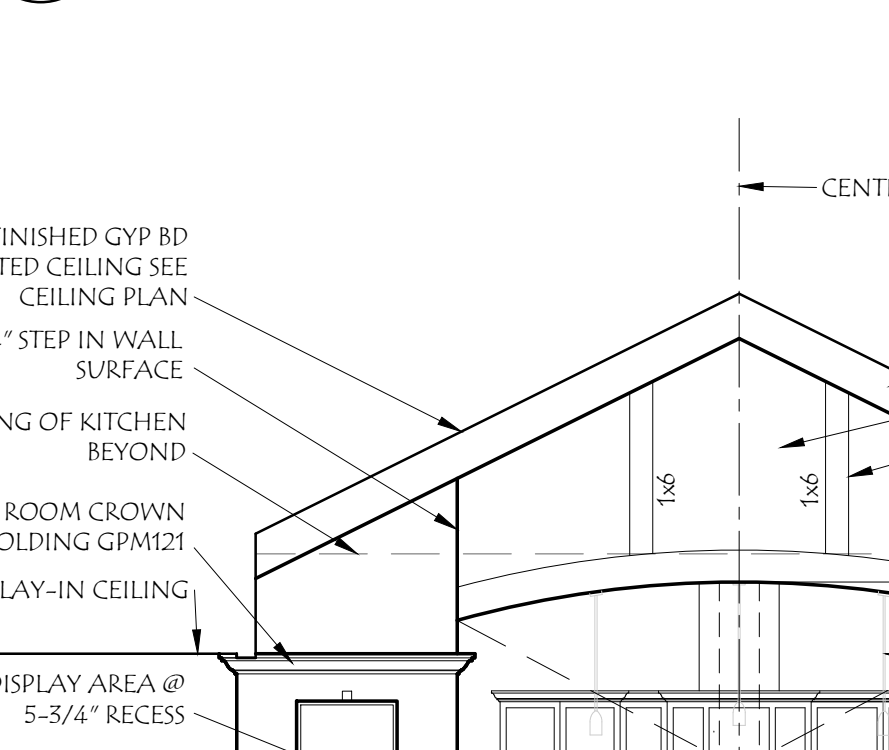
6 BATH #4 NORTH ELEV

SCALE: 1/4"=1'-0" (BATH #2 - OPP. / SIM.)



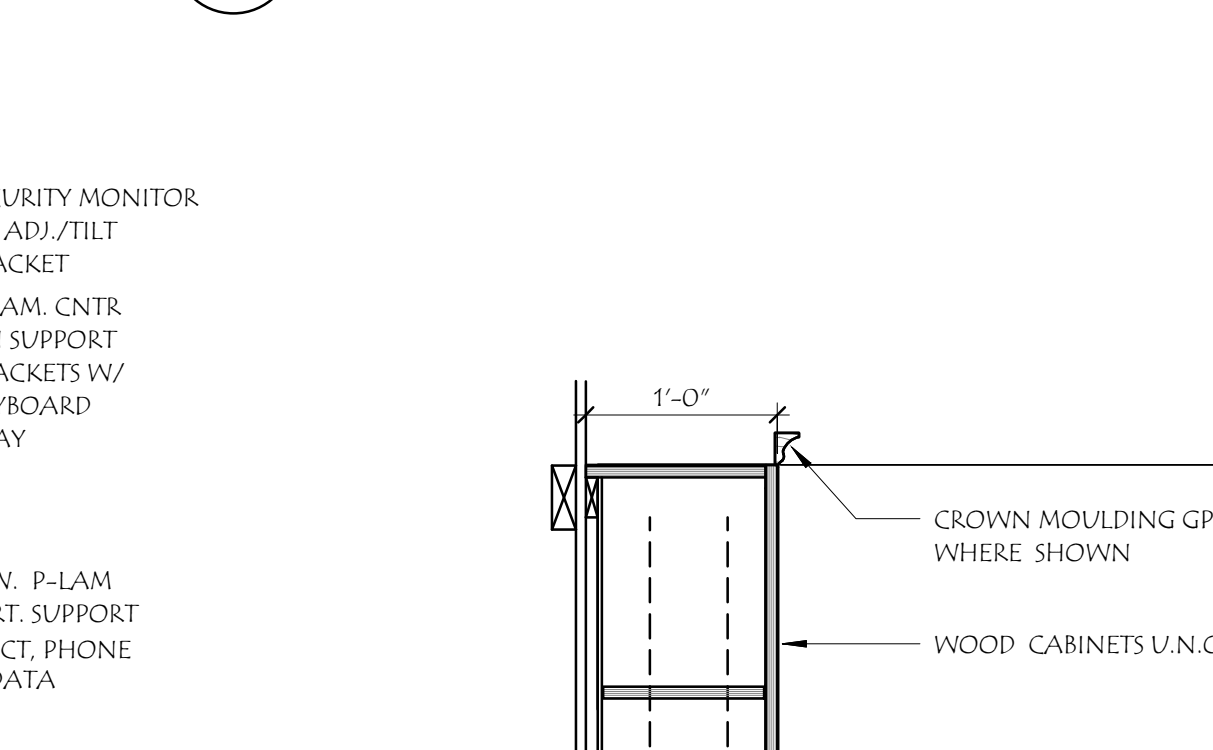
5 BATH #4 SOUTH ELEV

SCALE: 1/4"=1'-0" (BATH #2 - OPP. / SIM.)



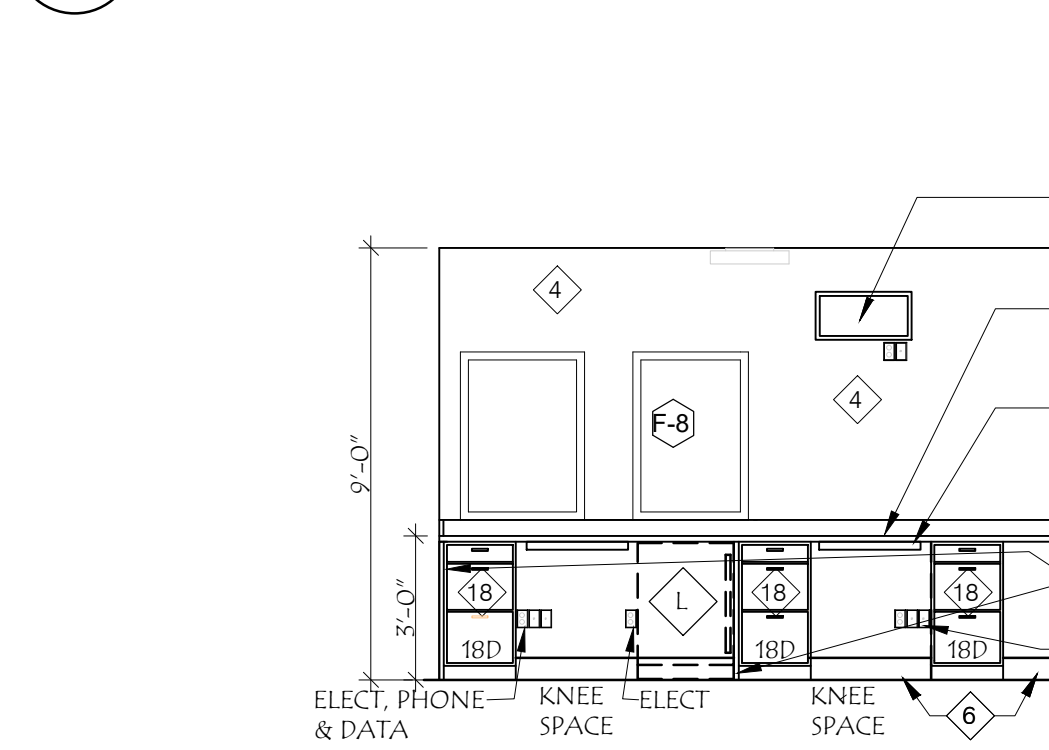
13 KITCHEN NORTH ELEVATION

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



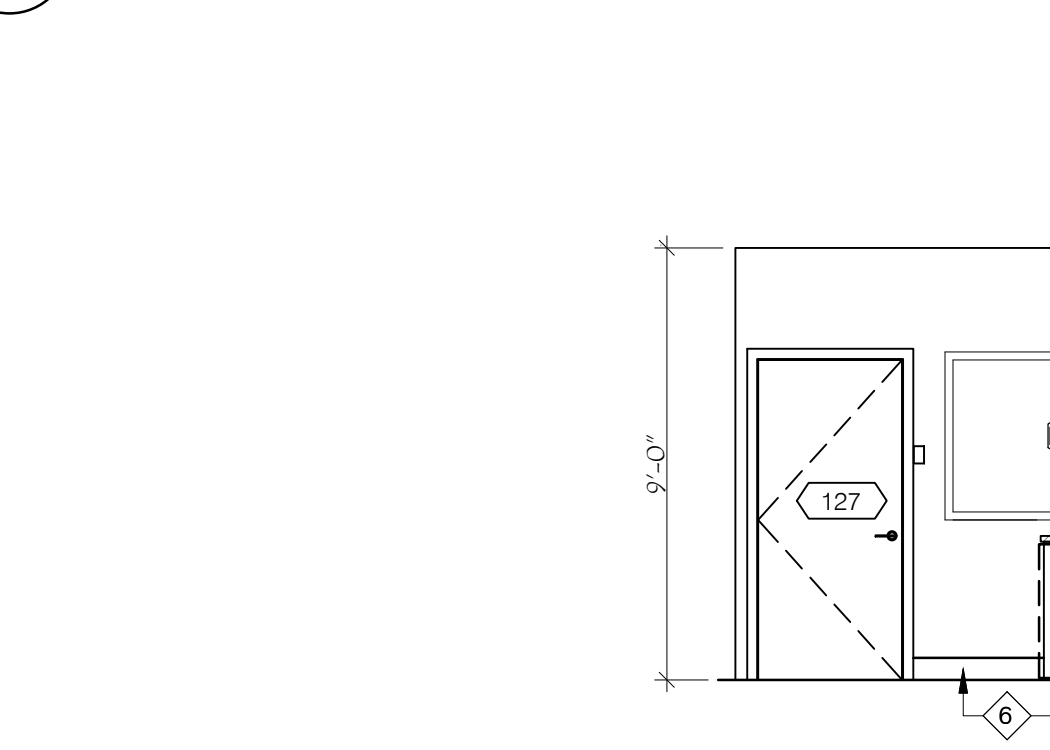
12 KITCHEN WEST ELEVATION

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



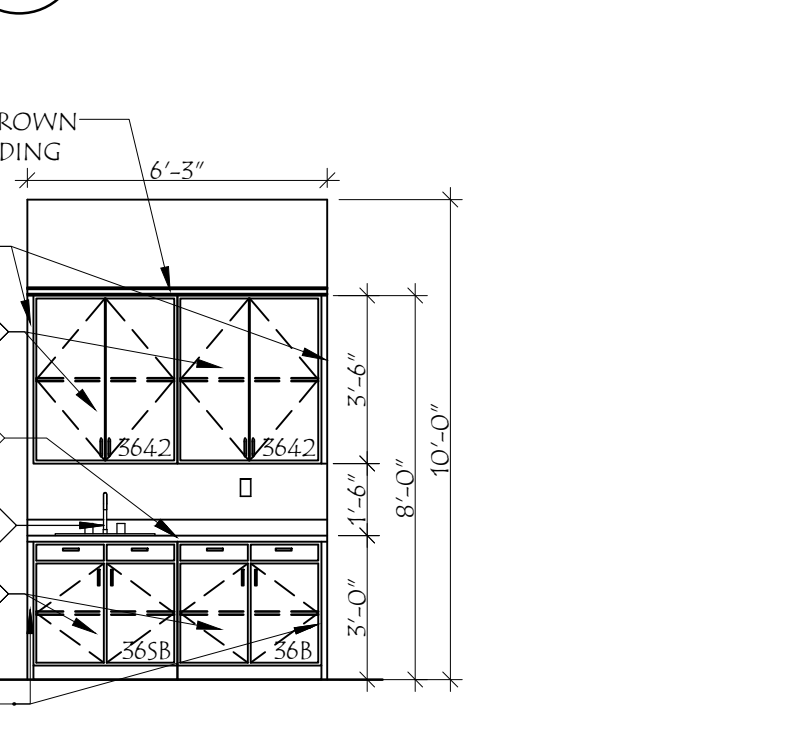
11 KITCHEN SOUTH ELEVATION

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



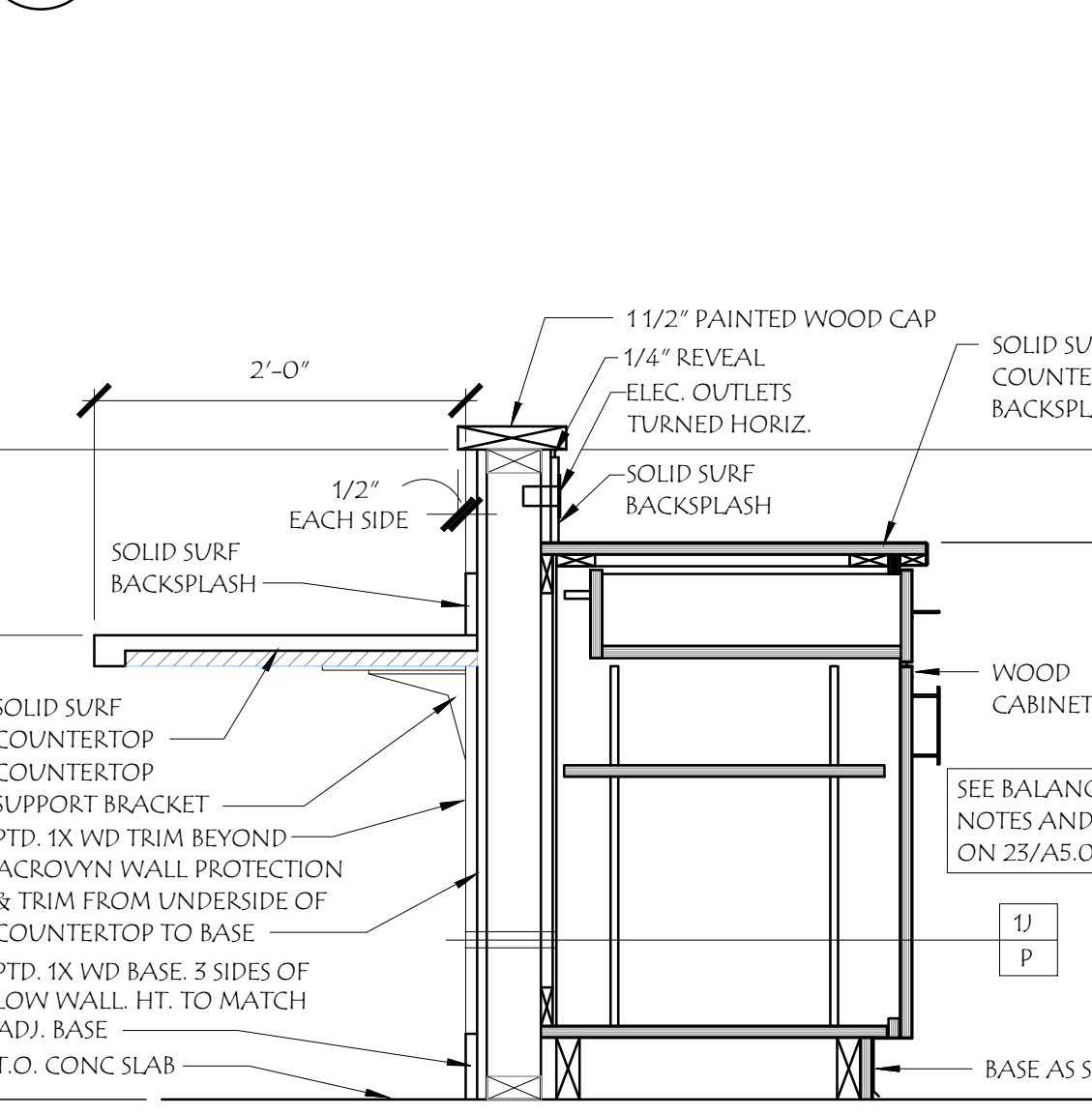
10 DINING RM - SOUTH

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



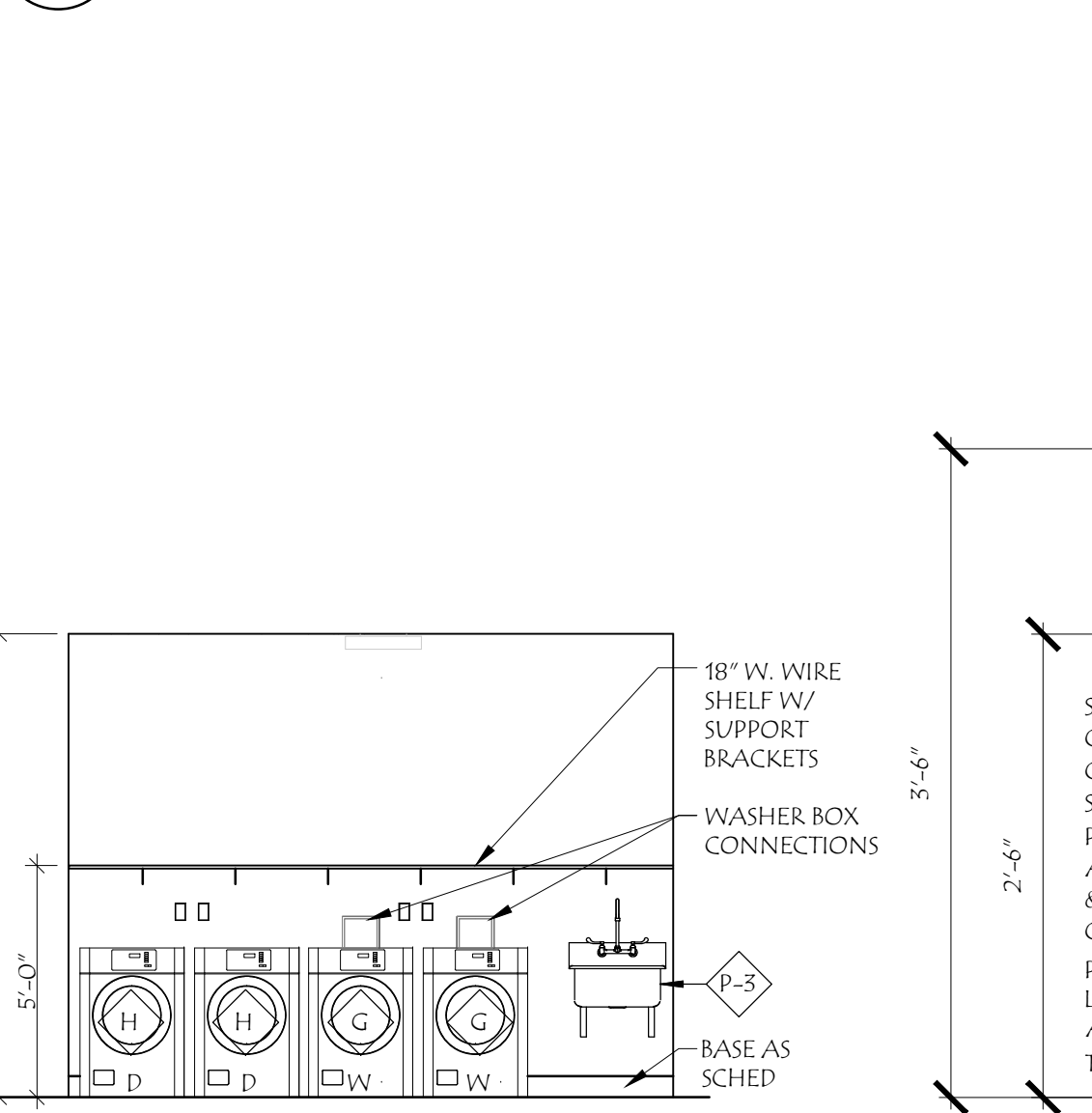
17 NURSE STATION - NORTH ELEV.

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



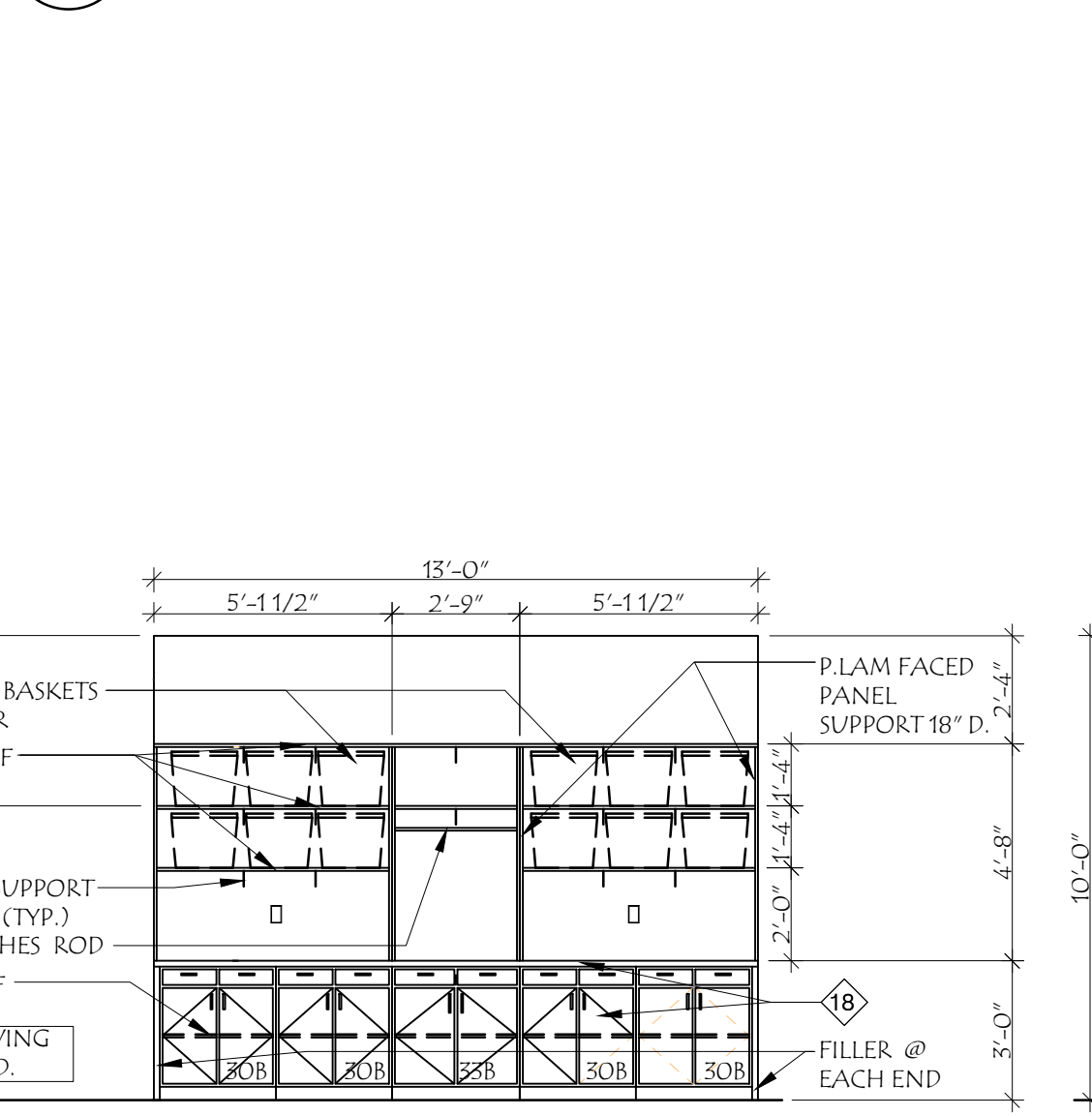
16 NURSE STATION - WEST ELEV

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



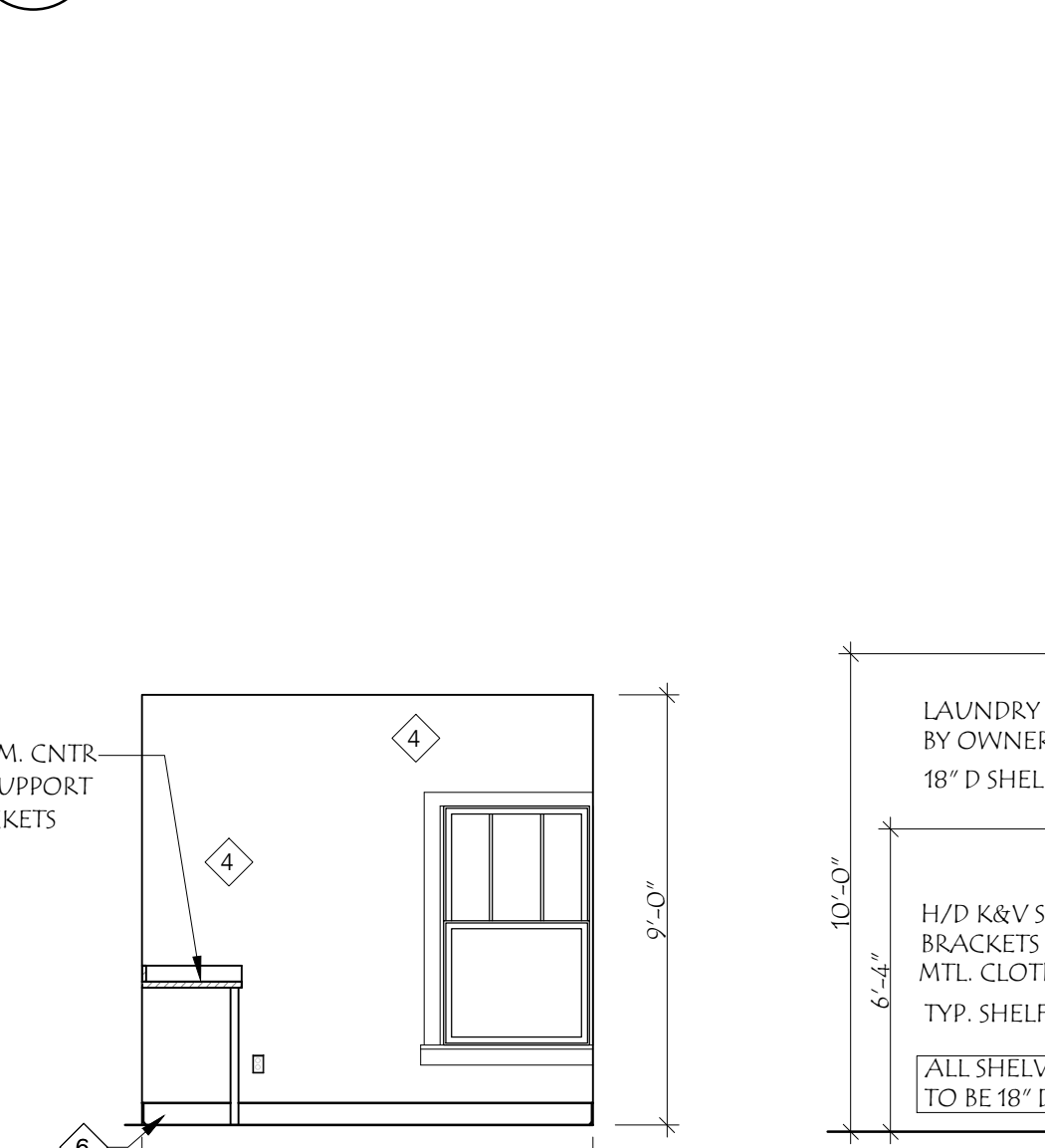
15 GYP. BD. 1/2 TIMBER ALT. #4

SCALE: 3"=1'-0"



14 PRIVATE DIN. / LIV RM ELEV

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



24 CABINET FOR DOUBLE WALL OVEN

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



23 BASE AND WALL CAB. DTL

SCALE: 1"=1'-0"



22 SECTION @ KITCHEN ISLAND

SCALE: 1"=1'-0"



20 LAUNDRY ROOM ELEV

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



19 LAUNDRY ROOM CASEWORK

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



18 NURSE STATION - EAST ELEV.

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





07/08/20
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BID PACKAGE	02/12/20
ADDENDUM #1	02/25/20
MO. D.H.S.S. COMMENTS	05/13/20
COUNTY PLAN REVIEW	05/19/20
COUNTY PLAN REVIEW	06/22/20
MOD. DOCUMENT #1	07/08/20

PROJECT NUMBER:
19049.00

REFLECTED CEILING PLAN - AREA B

A6.01

LIGHT FIXTURE SCHEDULE							
TAG	LOCATION	DESCRIPTION	MANUFACTURER	MODEL	LIGHT SOURCE	COMMENTS	ALLOWANCE
FP-1		CEILING MOUNTED EXIT LIGHT	EVENLITE	SOVEREIGN ARCHITECTURAL EDGLIT			
LT-1	BEDROOM	EMERGENCY LIGHT	E LIGHTING	LED 4404	LED		\$85.00
LT-2	CORRIDORS/PUBLIC SPACES	SQUARE DOWNLIGHT	LIGHTFOUR	6" SLIM SURFACE LED	LED	WHITE	
LT-3	TOILET COUNTER	WALL SCONCE	E LIGHTING	LED 6560	LED		\$125.00
LT-4	TOILET ROOM	SURFACE MOUNTED	E LIGHTING	LED 4677	LED	OPAL GLASS W/ BRUSHED NICKEL	\$85.00
LT-5	SHOWER	SQUARE DOWNLIGHT		SAME AS "LT-2"	LED	FOR WET LOCATIONS	
LT-6	NOT USED						
LT-7	DINING						
LT-8	EXTERIOR AT GARLES	SURFACE MOUNTED DOWNLIGHT					
LT-9	BREAKFAST BAR	DECORATIVE LOW VOLTAGE PENDANT	E LIGHTING	LED 2802	LED	ACCENT LIGHTING	\$55.00
LT-10	FRONT ENTRY	OUTDOOR DECORATIVE PENDANT		LED 2655	LED		\$175
LT-11	REAR PATIO	OUTDOOR FAN & LIGHT		52"			\$200
LT-12	EXTERIOR SOFFITS	SQUARE DOWNLIGHT		SAME AS "LT-2"		FOR OUTDOOR USE W/ WHITE TRIM	
LT-13	NOT USED						
LT-14	NOT USED						
LT-15	STORAGE, MECH, LAUNDRY	SURFACE MOUNTED	E LIGHTING	LED 4518 ADJUST SOCKET PER LIGHT LEVEL	LED	WHITE ACRYLIC W/ BRUSHED NICKEL	
LT-16	ACCENT LIGHTS ON GARLES & UNDER SOFFITS, ON TIMER & PHOTOCELL	SLIM WALL PACK/FLOOD	E LIGHTING	LED A5940	LED	NICKEL BLACK	

GENERAL LIGHT NOTES	
1	ALL LIGHTS TO BE 4,000K LIGHT TEMPERATURE
2	ALL SWITCHES TO BE ON/OFF W/ DIMMING
3	OUTDOOR FIXTURE SCHEDULED FOR EMERGENCY LIGHTING ON BATTERY BACK-UP REQUIRED FOR EGRESS; FIXTURE TO BE WIRED OFF BATTERY FROM EXIT LIGHT ON INTERIOR SIDE OF DOOR.

GENERAL ELECTRICAL NOTES	
1	ALL WORK IS DESIGN-BUILD MEP/FP & DEVICES SHOWN FOR CLARITY.
2	CONTRACTOR SHALL BECOME FAMILIAR WITH THE PROJECT AND VERIFY ALL CONDITIONS, MATERIALS, AND DIMENSIONS WHICH WILL AFFECT THE WORK.
3	ALL WORK, INCLUDING ELECTRICAL AND GROUNDING SYSTEMS SHALL BE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AS ADOPTED BY THE CITY. LATEST EDITION OF THE ICC ELECTRICAL CODE AND OTHER APPLICABLE LOCAL CODES AND ORDINANCES.
4	ALL CONTROL WIRING, INCLUDING TELEVISION, ETC. IN PLENUM AREAS SHALL BE RUN IN CONDUIT.
5	PROVIDE GFI OUTLETS AT ALL "WET" LOCATIONS AS REQUIRED.
6	ELECTRICAL OUTLETS AND BOXES IN COMMON WALLS BETWEEN ADJACENT ROOMS SHALL NOT BE INSTALLED BACK TO BACK. BOXES SHALL BE UL RATED FOR RATED RATED INSTALLATION AND INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS (MIN. OF 2" HORIZONTAL SEPARATION). IF BOXES CANNOT BE INSTALLED THIS WAY AND ARE CLOSER THAN MINIMUM DISTANCE THEY SHALL BE WRAPPED WITH FIRE PUTTY BLANKET AS PER UL DESIGN.
7	PROVIDE WORKING CLEARANCES REQUIRED BY THE CODE AT ALL ELECTRICAL EQUIPMENT.
8	ALL EXIT, EMERGENCY, AND NIGHT LIGHTS SHALL BE WIRED UNSWITCHED.
9	WHERE EQUIPMENT IS NOTED "BY OWNER" ON THE DRAWINGS, THE ITEM WILL BE DELIVERED TO THE JOB SITE BY THE OWNER. TO BE INSTALLED BY THE CONTRACTOR, OR SUB-CONTRACTOR.
10	IT IS HVAC CONTRACTORS RESPONSIBILITY TO SPEC NEW DIFFUSERS, BRANCH DUCTS, BALANCE SYSTEM AS REQUIRED BY LOCAL GOVERNING CODE.
11	IT IS ELECTRICAL CONTRACTORS RESPONSIBILITY TO CHECK LIGHT LEVELS AND QUALITY AND CONFORMING TO LOCAL CODES. PROVIDE NEW WIRING AND LIGHT FIXTURES AS REQUIRED.
12	IT IS SPRINKLER CONTRACTORS RESPONSIBILITY TO SPEC NEW SPRINKLER HEADS, RELOCATE EXISTING AND PROVIDE NEW AS REQUIRED TO MEET LOCAL GOVERNING CODES AND REQUIREMENTS.

ELEC. & FIRE EQPT. SYMBOL LEGEND	
	DUPLEX OUTLET (TYP. @ 1'-6" A.F.F.)
	ELEC. QUADPLEX OUTLET
	DUPLEX OUTLET FLOOR RECESSED
	SWITCH (TYP. @ 4'-6" A.F.F.)
	KEYED SWITCH
	WATER CONNECTION
	EMERGENCY PULL-STATION
	TELEPHONE
	DATA
	WALL VENT
	CABLE TV
	NITE LIGHT
	THERMOSTAT (TYP. @ 4'-6" A.F.F.)
	POWER OUTLET-GFI
	POWER OUTLET-WEATHER PROOF
	220V OUTLET
	FIRE EXTINGUISHER
	FIRE PANEL

NOTE: ALL SYMBOLS ARE SHOWN FOR CLARITY & COORDINATION - SEE MECHANICAL, PLUMBING & ELECTRICAL SHEETS FOR EXACT LOCATIONS OF M.E.P. EQUIP. & FIXTURES.

'E' SHOWN NEXT TO A SYMBOL INDICATES THAT THE FIXTURE IS EXIST TO REMAIN

'N' SHOWN NEXT TO A SYMBOL INDICATES THAT THE FIXTURE IS NEW

'R' SHOWN NEXT TO A SYMBOL INDICATES THAT THE FIXTURE IS RELOCATED

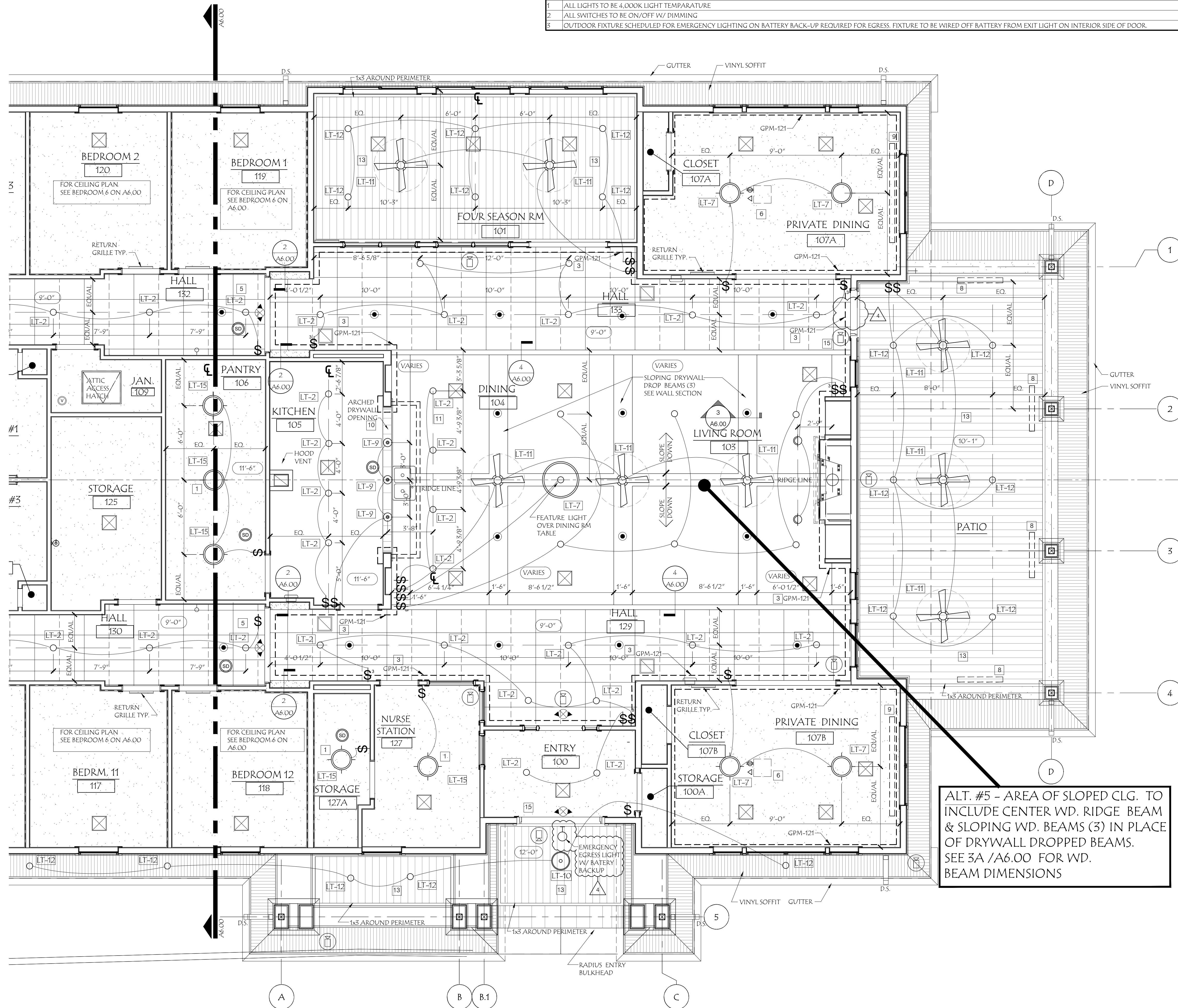
'H' SHOWN NEXT TO A SYMBOL INDICATES THAT THE FIXTURE'S HEIGHT A.F.F. ALL HEIGHTS ARE CENTERLINE OF FIXTURE.

GENERAL REFLECTED CEILING PLAN NOTES	
1	LIGHT FIXTURES SHOWN ON ARCHITECTURAL REFLECTED CEILING PLAN ARE FOR REFERENCE/DESIGN LOCATION ONLY. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION REGARDING FIXTURE TYPES, ELECTRICAL REQUIREMENTS, ETC.
2	CONTRACTOR SHALL BECOME FAMILIAR WITH THE PROJECT AND VERIFY ALL CONDITIONS, MATERIALS, AND DIMENSIONS WHICH WILL AFFECT THE WORK.
3	REVIEW FINAL LOCATIONS OF CEILING AIR DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.
4	GENERAL CONTRACTOR TO PROVIDE CONTROL JOINTS IN ALL GYPSUM BOARD CEILING BASED ON USG STANDARDS AND RECOMMENDATION.
5	REFER TO SPECIFICATIONS FOR GENERAL CONDITIONS AND ADDITIONAL INFORMATION.
6	ALL CEILING HEIGHTS ARE 9'-0 1/2" FROM TOP OF FINISH FLOOR TO UNDERSIDE OF FINISH CEILING UNLESS OTHERWISE NOTED.
7	PROVIDE LATERAL BRACING FOR SUSPENDED CEILING SYSTEMS AND ADDITIONAL HANGERS AND SAFETY WIRES FOR LIGHT FIXTURES, DUCTWORK, SPEAKERS, ETC. SEE TYPICAL BRACING DETAILS FOR MORE INFORMATION.
8	PROVIDE NON-COMBUSTIBLE BLOCKING AND BRACING REQUIRED FOR FIXTURE INSTALLATION AND ALL ELECTRICAL COMPONENTS.
9	THE BOTTOM OF ALL ROOF TRUSSES IS TO RECEIVE GYPSUM BOARD CREATING A THERMAL BARRIER TO ATTIC ABOVE.
10	PROVIDE ACCESS PANELS FOR PLUMBING, ELECTRICAL, ETC. AS REQUIRED TO ACCESS EQUIPMENT OR CONTROLS. LOCATIONS TO BE APPROVED BY ARCHITECT PRIOR INSTALL. ALL ACCESS PANELS TO BE PAINTED SURROUNDING MATERIAL COLOR TYP.

KEYED REF. CEILING PLAN NOTES	
NO.	DESCRIPTION
1	CENTER LIGHT FIXTURE IN ROOM
2	NOT USED
3	CROWN MOULDING GPM-121, PAINT PT-3 FOR ALL INTERIOR WOOD TRIM.
4	CENTER LIGHT FIXTURE ON DOOR
5	GC TO VERIFY HALL LIGHT LEVEL MEETS MIN STANDARDS
6	CLG MOUNT PROJECTOR (BY OWNER), PROVIDE DATA & ELEC. OUTLETS IN CEILING
7	SUSPENDED HEATING PANEL BY OWNER
8	ELECT. CLG RECESSED PROJECTION SCREEN BY DA-LITE SCREEN CO., DESCENDER PRO 29782LS (16-9) 52" x 92". PROVIDE POWER JUNCTION BOX IN CLG.
9	HATCH DENOTES ARCHED OPENING
10	CENTER LGTS. ON WALL IN FRONT OF COUNTER, SEE ELEV 10/A5.00
11	NOT USED
12	NOT USED
13	PROVIDE HARDIE SOFFIT BEADED PORCH PANELS
14	LOCATE LIGHT FIXTURE 5" FROM FACE OF OVERHANG
15	SECURITY CAMERA

RCP LEGEND	
	GYPSUM BOARD CEILING
	5/8" GYPSUM BOARD FASTENED TO BOT. OF ROOF TRUSS
	BEARD BOARD SOFFIT PANEL & J-MOLD
	COLOR TO MATCH FASCIA COLOR - SEE SECTIONS.
	VINYL SOFFIT
	COMBINATION OF SOLID & VENTED, SEE ROOF PLAN
	RECESSED CAN LIGHT
	CEILING MOUNT LIGHT PENDANT FIXTURE
	PENDANT FIXTURE
	CEILING FAN W/ LIGHTS
	2'x4' FLUORESCENT FIXTURE
	6'x4' FLUORESCENT STRIP FIXTURE
	WALL SCONCE
	OUTDOOR SCONCE
	OUTDOOR FLOODLIGHT
	WALL MOUNTED OR CEILING MOUNTED SPRINKLER HEAD
	EXIT SIGN
	EXIT SIGN W/ EMERGENCY LIGHT
	EXIT EMERGENCY LIGHT W/ DIRECTION ARROW
	EMERGENCY LIGHTING
	EMERGENCY FIRE BELL
	HEAT DETECTOR
	VENT
	SPEAKER
	SMOKE DETECTORS
	SURFACE MOUNTED SUPPLY GRILL
	SURFACE MOUNTED RETURN GRILL
	SECURITY CAMERA
	EXHAUST GRILL

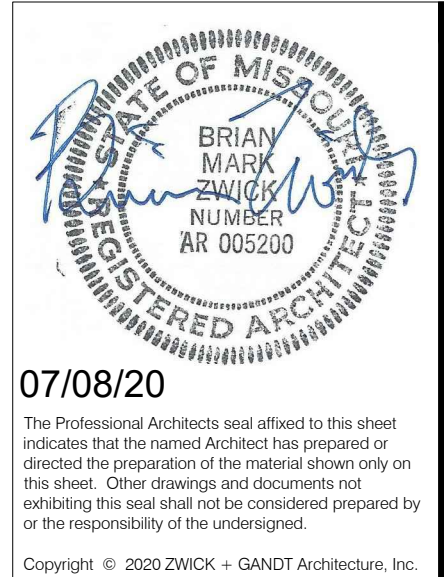
KEY PLAN	
AREA A	AREA B



1 REFLECTED CEILING PLAN - AREA B
1/4" = 1'-0"

ALT. #5
CENTER WD.
RIDGE BEAM
SEE 3A/A6.00
SIMILAR

ALT. #5 - AREA OF SLOPED CLG. TO INCLUDE CENTER WD. RIDGE BEAM & SLOPING WD. BEAMS (3) IN PLACE OF DRYWALL DROPPED BEAMS. SEE 3A/A6.00 FOR WD. BEAM DIMENSIONS



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BID PACKAGE	02/12/20
ADDENDUM #1	02/25/20
MOD. COMMENTS	05/13/20
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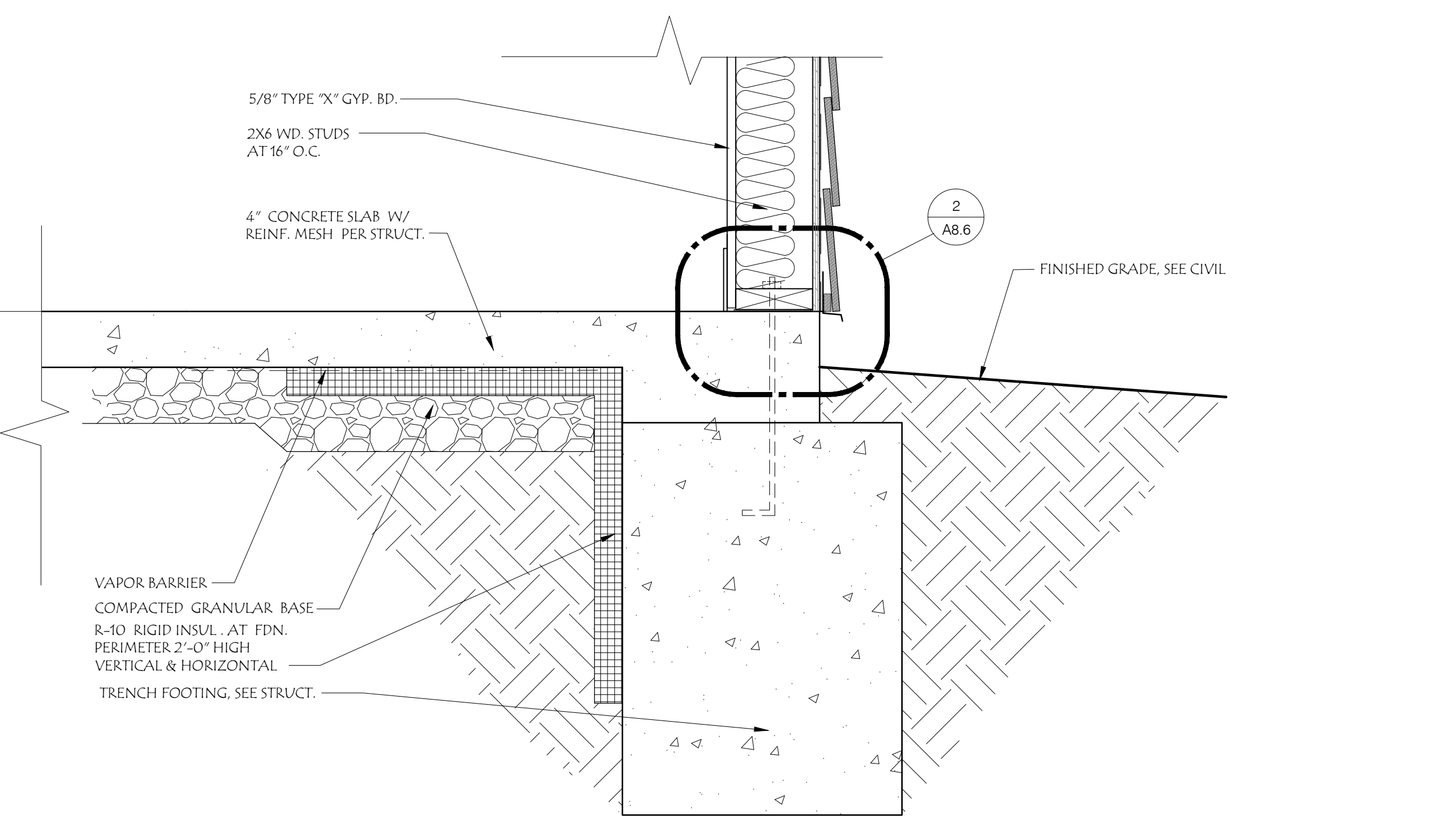
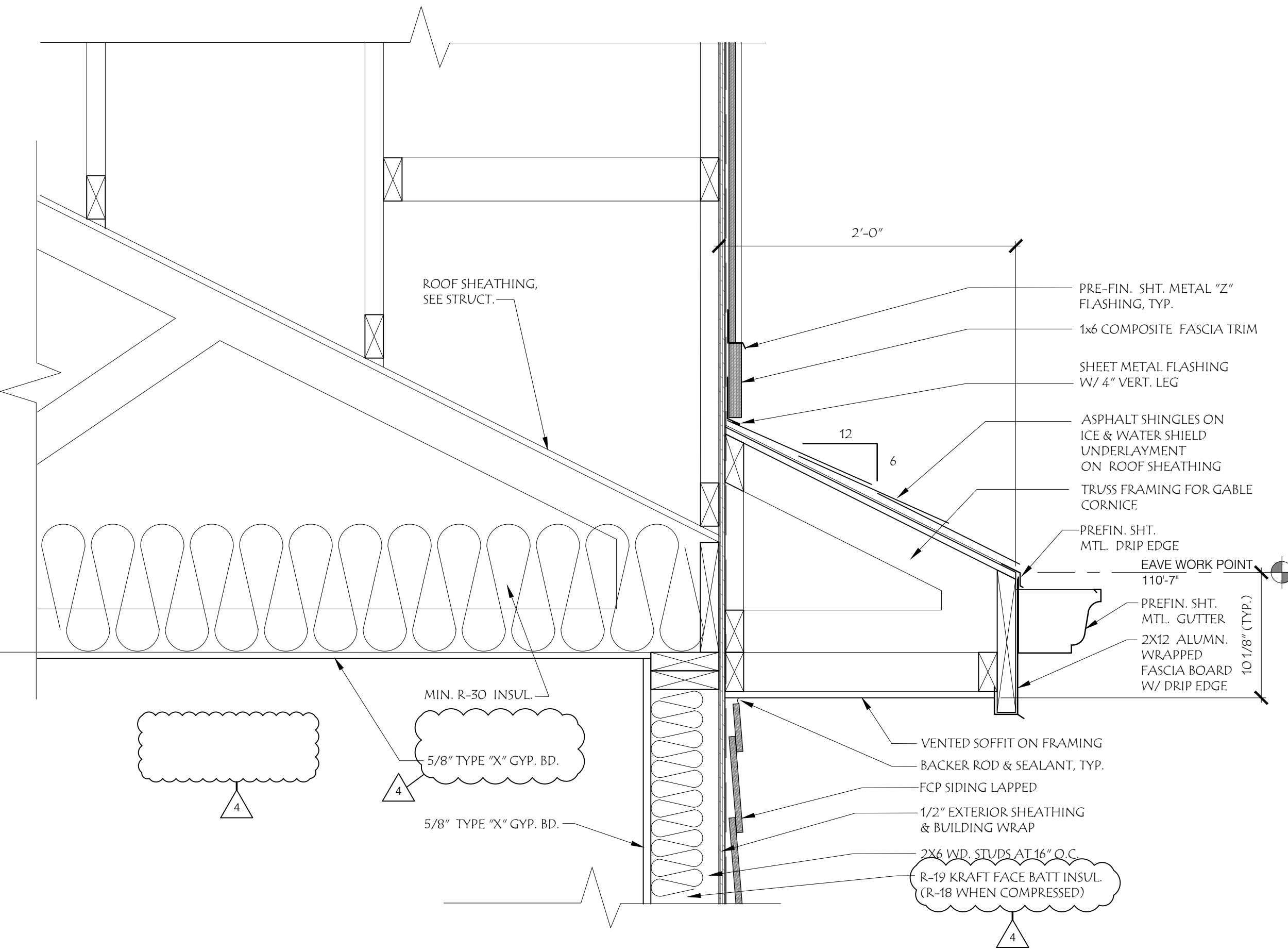
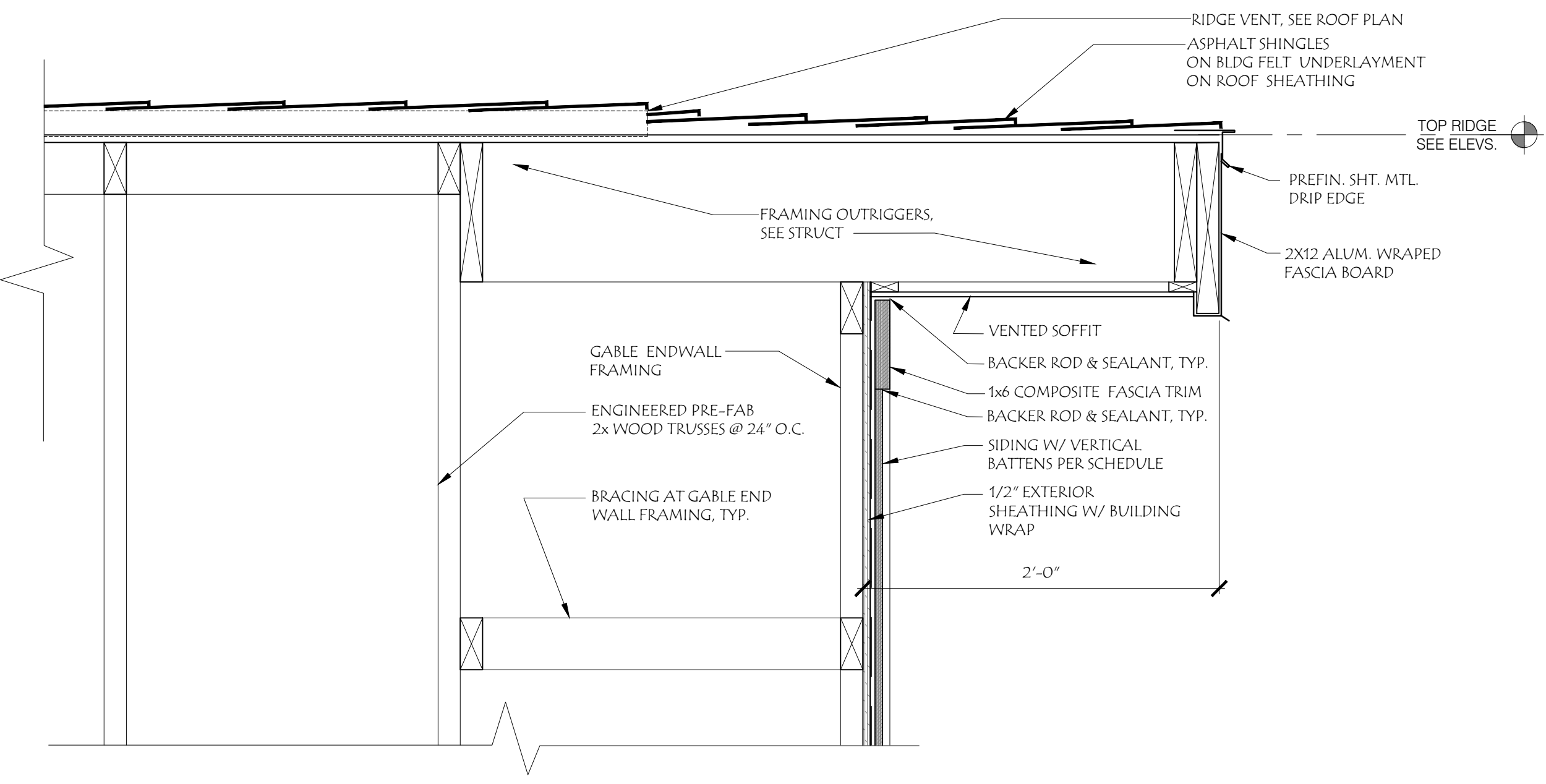
PROJECT NUMBER:
19049.00

WALL SECTIONS

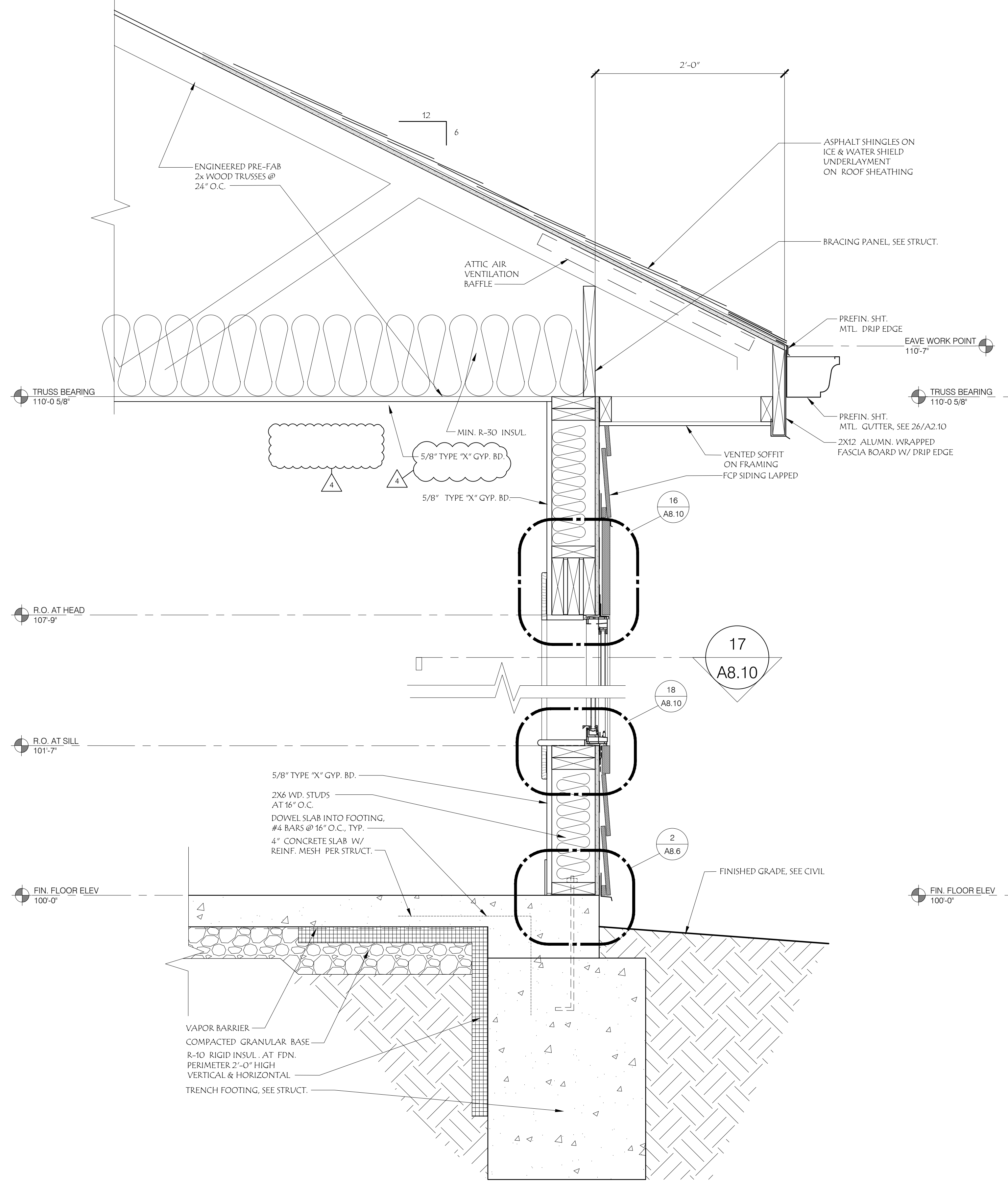
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WALL SECTION GENERAL NOTES

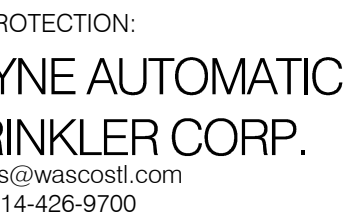
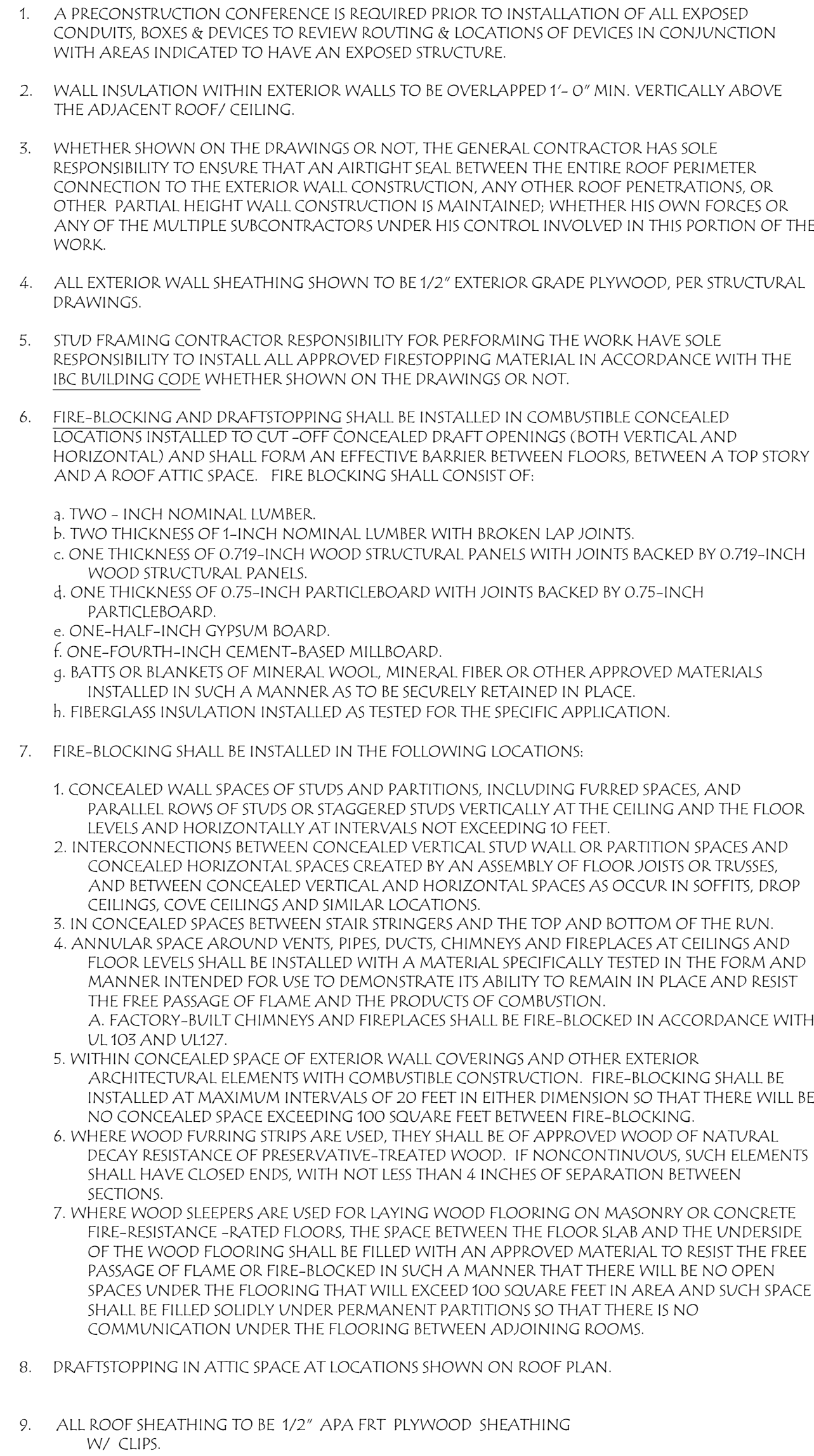
1. A PRECONSTRUCTION CONFERENCE IS REQUIRED PRIOR TO INSTALLATION OF ALL EXPOSED CONDUITS, BOXES & DEVICES TO REVIEW ROUTING & LOCATIONS OF DEVICES IN CONJUNCTION WITH AREAS INDICATED TO HAVE AN EXPOSED STRUCTURE.
2. WALL INSULATION WITHIN EXTERIOR WALLS TO BE OVERLAPPED 1'-0" MIN. VERTICALLY ABOVE THE ADJACENT ROOF/CEILING.
3. WHETHER SHOWN ON THE DRAWINGS OR NOT, THE GENERAL CONTRACTOR HAS SOLE RESPONSIBILITY TO ENSURE THAT AN AIRTIGHT SEAL BETWEEN THE ENTIRE ROOF PERIMETER CONNECTION TO THE EXTERIOR WALL CONSTRUCTION, ANY OTHER ROOF PENETRATIONS, OR OTHER PARTIAL HEIGHT WALL CONSTRUCTION IS MAINTAINED, WHETHER HIS OWN FORCES OR ANY OF THE MULTIPLE SUBCONTRACTORS UNDER HIS CONTROL INVOLVED IN THIS PORTION OF THE WORK.
4. ALL EXTERIOR WALL SHEATHING SHOWN TO BE 1/2" EXTERIOR GRADE PLYWOOD, PER STRUCTURAL DRAWINGS.
5. STUD FRAMING CONTRACTOR RESPONSIBILITY FOR PERFORMING THE WORK HAVE SOLE RESPONSIBILITY TO INSTALL ALL APPROVED FIRESTOPPING MATERIAL IN ACCORDANCE WITH THE IRC BUILDING CODE WHETHER SHOWN ON THE DRAWINGS OR NOT.
6. FIRE-BLOCKING AND DRAFTSTOPPING SHALL BE INSTALLED IN COMBUSTIBLE CONCEALED LOCATIONS INSTALLED TO CUT-OFF CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL) AND SHALL FORM AN EFFECTIVE BARRIER BETWEEN FLOORS, BETWEEN A TOP STORY AND A ROOF ATTIC SPACE. FIRE-BLOCKING SHALL CONSIST OF:
 - a. TWO - ONE INCH NOMINAL LUMBER.
 - b. TWO THICKNESS OF 1-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS.
 - c. ONE THICKNESS OF 0.719-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 0.719-INCH WOOD STRUCTURAL PANELS.
 - d. ONE THICKNESS OF 0.75-INCH PARTICLEBOARD WITH JOINTS BACKED BY 0.75-INCH PARTICLEBOARD.
 - e. ONE-HALF-INCH GYPSUM BOARD.
 - f. ONE-FOURTH-INCH CEMENT-BASED MILLBOARD.
 - g. BATTS OR BLANKETS OF MINERAL WOOL, MINERAL FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE.
 - h. FIBERGLASS INSULATION INSTALLED AS TESTED FOR THE SPECIFIC APPLICATION.
7. FIRE-BLOCKING SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS:
 1. CONCEALED WALL SPACES OF STUDS AND PARTITIONS, INCLUDING FURRED SPACES, AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS VERTICALLY AT THE CEILING AND THE FLOOR LEVELS AND HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET.
 2. INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED HORIZONTAL SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS OR TRUSSES, AND BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES AS OCCUR IN SOFFITS, DROP CEILINGS, COVE CEILINGS AND SIMILAR LOCATIONS.
 3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AND THE TOP AND BOTTOM OF THE RUN.
 4. ANNULAR SPACE AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILINGS AND FLOOR LEVELS SHALL BE INSTALLED WITH A MATERIAL SPECIFICALLY TESTED IN THE FORM AND MANNER INTENDED FOR USE TO DEMONSTRATE ITS ABILITY TO REMAIN IN PLACE AND RESIST THE FREE PASSAGE OF FLAME AND THE PRODUCTS OF COMBUSTION.
 - a. FACTORY-BUILT CHIMNEYS AND FIREPLACES SHALL BE FIRE-BLOCKED IN ACCORDANCE WITH UL103 AND UL127.
 5. WITHIN CONCEALED SPACE OF EXTERIOR WALL COVERINGS AND OTHER EXTERIOR ARCHITECTURAL ELEMENTS WITH COMBUSTIBLE CONSTRUCTION. FIRE-BLOCKING SHALL BE INSTALLED AT MAXIMUM INTERVALS OF 20 FEET IN EITHER DIMENSION SO THAT THERE WILL BE NO CONCEALED SPACE EXCEEDING 100 SQUARE FEET BETWEEN FIRE-BLOCKING.
 6. WHERE WOOD FURRING STRIPS ARE USED, THEY SHALL BE OF APPROVED WOOD OF NATURAL DECAY RESISTANCE OF PRESERVATIVE-TREATED WOOD. IF NONCONTINUOUS, SUCH ELEMENTS SHALL HAVE CLOSED ENDS, WITH NOT LESS THAN 4 INCHES OF SEPARATION BETWEEN SECTIONS.
 7. WHERE WOOD SLEEPERS ARE USED FOR LAYING WOOD FLOORING ON MASONRY OR CONCRETE FIRE-RESISTANCE RATED FLOORS, THE SPACE BETWEEN THE FLOOR SLAB AND THE UNDERSIDE OF THE WOOD FLOORING SHALL BE FILLED WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME OR FIRE-BLOCKED IN SUCH A MANNER THAT THERE WILL BE NO OPEN SPACES UNDER THE FLOORING THAT WILL EXCEED 100 SQUARE FEET IN AREA, AND SUCH SPACE SHALL BE FILLED SOLIDLY UNDER PERMANENT PARTITIONS SO THAT THERE IS NO COMMUNICATION UNDER THE FLOORING BETWEEN ADJOINING ROOMS.
8. DRAFTSTOPPING IN ATTIC SPACE AT LOCATIONS SHOWN ON ROOF PLAN.
9. ALL ROOF SHEATHING TO BE 1/2" APA FRT PLYWOOD SHEATHING W/ CLIPS.



1 WALL SECTION
SCALE: 1-1/2"=1'-0"

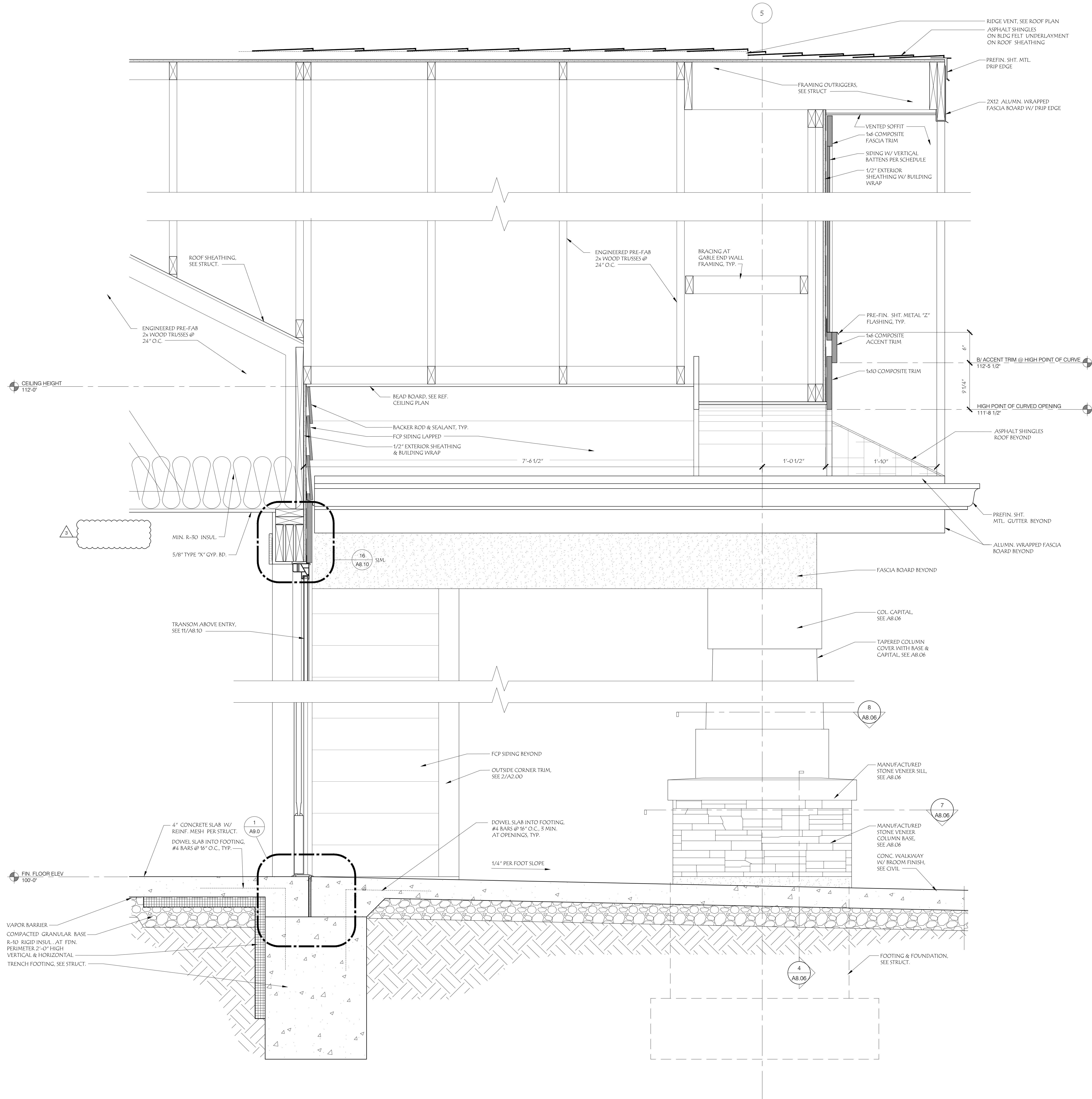


2 WALL SECTION
SCALE: 1-1/2"=1'-0"



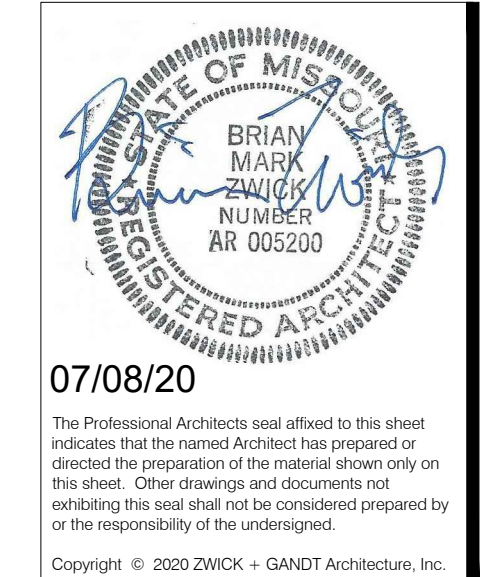
Partners
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MANCHESTER, MISSOURI 63021

A8.02



- WALL SECTION GENERAL NOTES**
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 2. WALL INSULATION WITHIN EXTERIOR WALLS TO BE OVERLAPPED 1'-0" MIN. VERTICALLY ABOVE THE ADJACENT ROOF/ CEILING.
 3. WHETHER SHOWN ON THE DRAWINGS OR NOT, THE GENERAL CONTRACTOR HAS SOLE RESPONSIBILITY TO ENSURE THAT AN AIRTIGHT SEAL BETWEEN THE ENTIRE ROOF PERIMETER CONNECTION TO THE EXTERIOR WALL CONSTRUCTION, ANY OTHER ROOF PENETRATIONS, OR OTHER PARTIAL HEIGHT WALL CONSTRUCTION IS MAINTAINED, WHETHER HIS OWN FORCES OR ANY OF THE MULTIPLE SUBCONTRACTORS UNDER HIS CONTROL INVOLVED IN THIS PORTION OF THE WORK.
 4. ALL EXTERIOR WALL SHEATHING SHOWN TO BE 1/2" EXTERIOR GRADE PLYWOOD, PER STRUCTURAL DRAWINGS.
 5. STUD FRAMING CONTRACTOR RESPONSIBILITY FOR PERFORMING THE WORK HAVE SOLE RESPONSIBILITY TO INSTALL ALL APPROVED FIRESTOPPING MATERIAL IN ACCORDANCE WITH THE IBC BUILDING CODE WHETHER SHOWN ON THE DRAWINGS OR NOT.
 6. FIRE-BLOCKING AND DRAFTSTOPPING SHALL BE INSTALLED IN COMBUSTIBLE CONCEALED LOCATIONS INSTALLED TO CUT OFF CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL) AND SHALL FORM AN EFFECTIVE BARRIER BETWEEN FLOORS, BETWEEN A TOP STORY AND A ROOF ATTIC SPACE. FIRE BLOCKING SHALL CONSIST OF:
 - a. TWO - INCH NOMINAL LUMBER.
 - b. TWO THICKNESS OF 1-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS.
 - c. ONE THICKNESS OF 0.719-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 0.719-INCH WOOD STRUCTURAL PANELS.
 - d. ONE THICKNESS OF 0.75-INCH PARTICLEBOARD WITH JOINTS BACKED BY 0.75-INCH PARTICLEBOARD.
 - e. ONE-HALF-INCH GYPSUM BOARD.
 - f. ONE-FOURTH-INCH CEMENT-BASED MILLBOARD.
 - g. BATTIS OR BLANKETS OF MINERAL WOOL, MINERAL FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE.
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 - A. FACTORY-BUILT CHIMNEYS AND FIREPLACES SHALL BE FIRE-BLOCKED IN ACCORDANCE WITH UL108 AND UL127.
 5. WITHIN CONCEALED SPACE OF EXTERIOR WALL COVERINGS AND OTHER EXTERIOR ARCHITECTURAL ELEMENTS WITH COMBUSTIBLE CONSTRUCTION. FIRE-BLOCKING SHALL BE INSTALLED AT MAXIMUM INTERVALS OF 20 FEET IN EITHER DIMENSION SO THAT THERE WILL BE NO CONCEALED SPACE EXCEEDING 100 SQUARE FEET BETWEEN FIRE-BLOCKING.
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 8. DRAFTSTOPPING IN ATTIC SPACE AT LOCATIONS SHOWN ON ROOF PLAN.
 9. ALL ROOF SHEATHING TO BE 1/2" APA FRT. PLYWOOD SHEATHING W/ CLIPS.

1 WALL SECTION AT MAIN ENTRY
SCALE: 1-1/2" = 1'-0"



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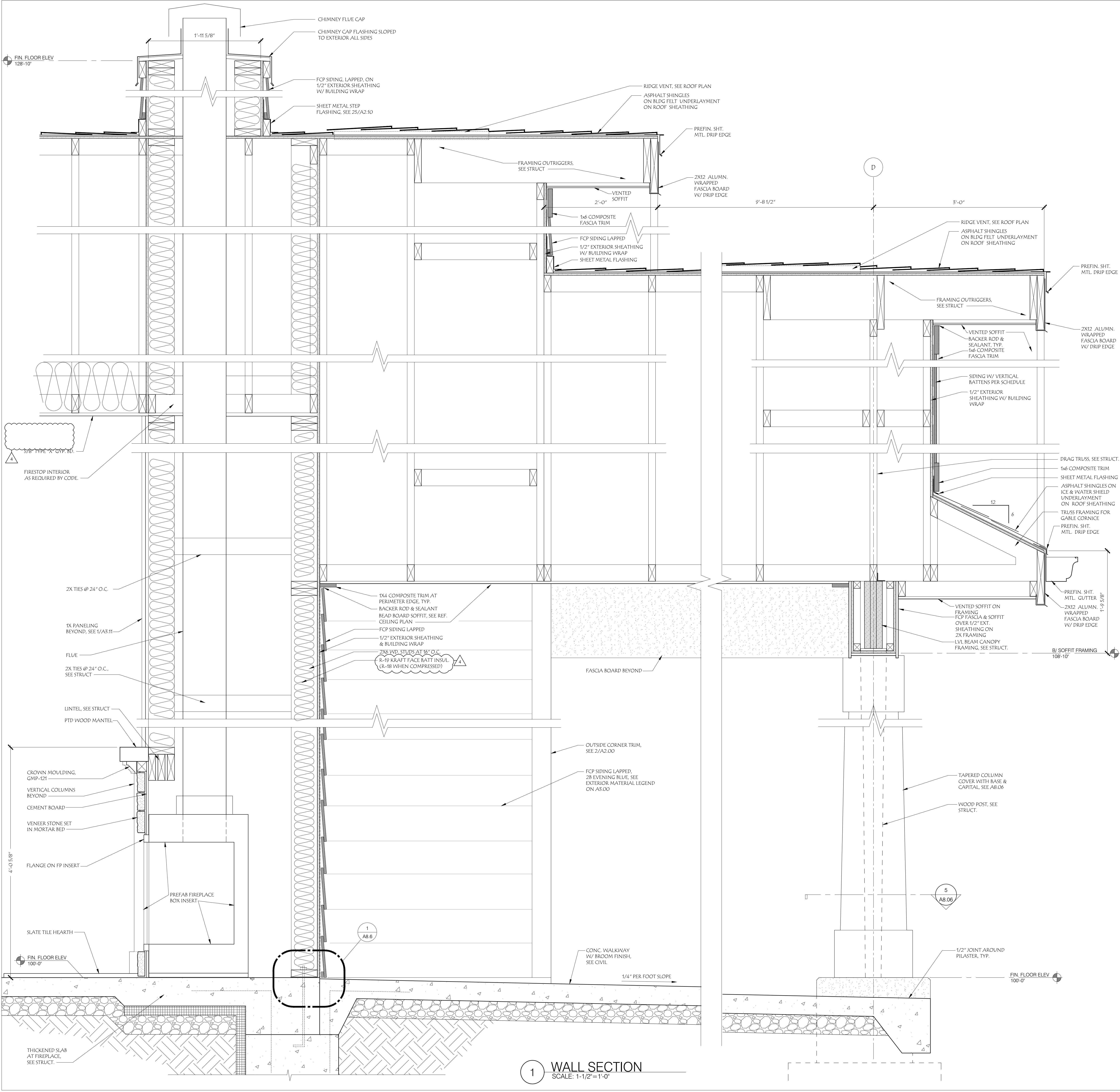
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MOD. DOCUMENT #1	07/08/20

PROJECT NUMBER:
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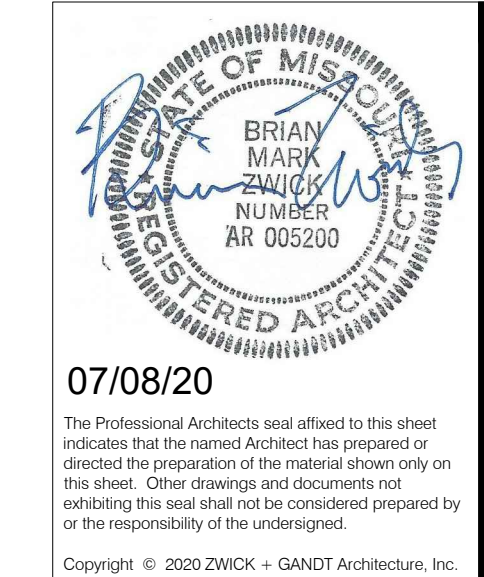
WALL SECTIONS

A8.03



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 - ONE THICKNESS OF 0.75-INCH PARTICLEBOARD WITH JOINTS BACKED BY 0.75-INCH PARTICLEBOARD.
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1 WALL SECTION
SCALE: 1-1/2"=1'-0"



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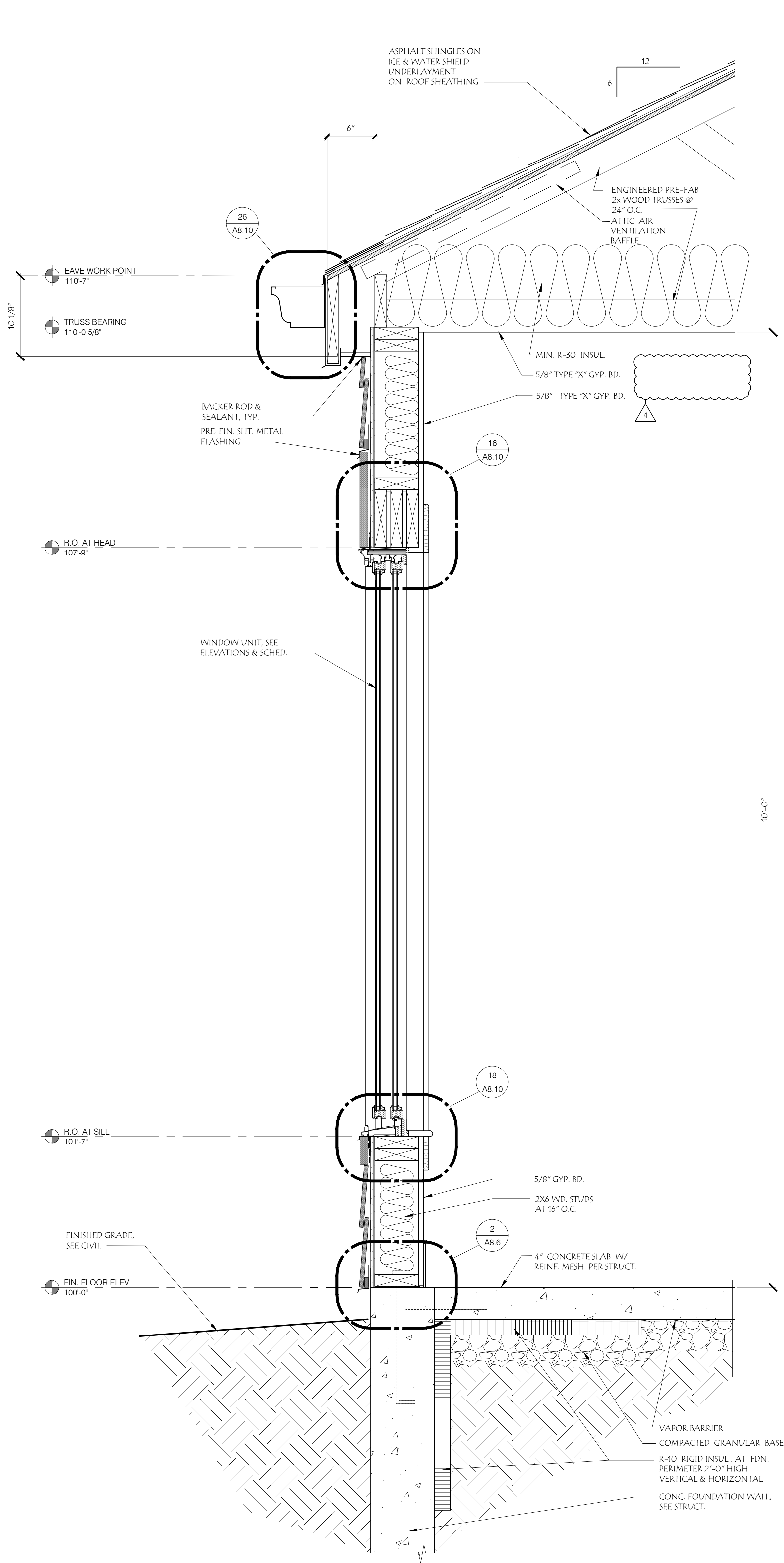
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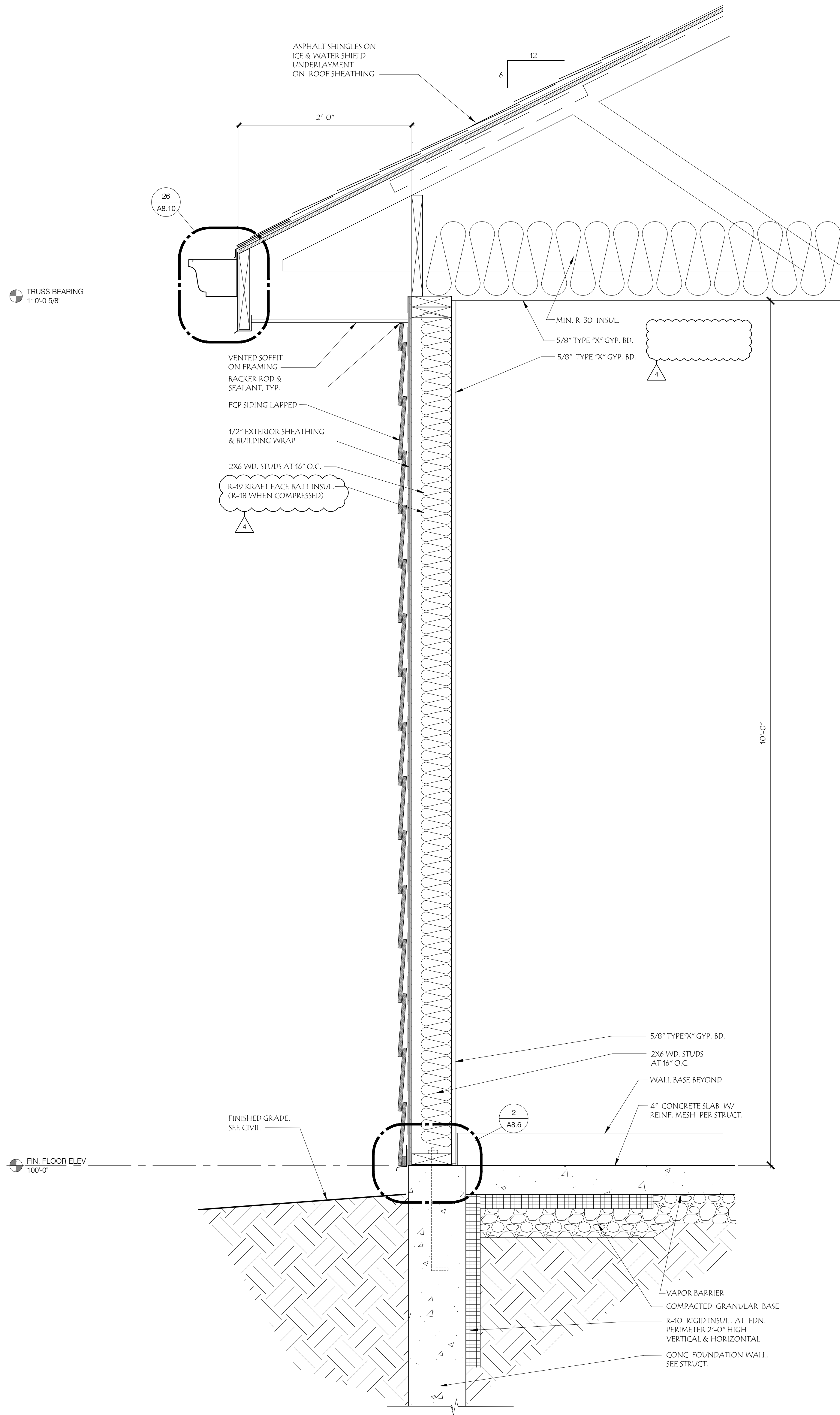
BID PACKAGE	02/12/20
ADDENDUM #1	02/25/20
MO D-HSS COMMENTS	05/13/20
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COUNTY PLAN REVIEW	06/22/20
MOD. DOCUMENT #1	07/08/20

PROJECT NUMBER:
19048.00
WALL SECTIONS

A8.04



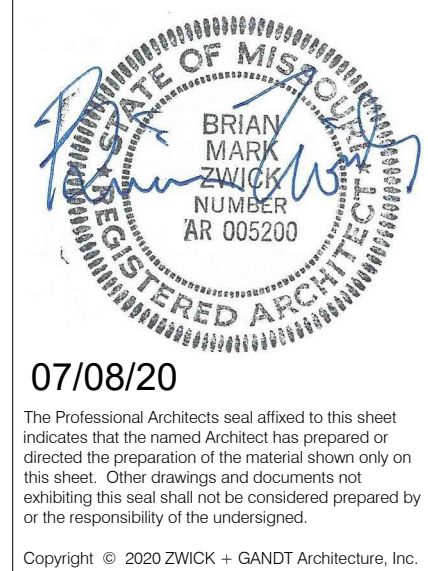
1 WALL SECTION
SCALE: 1-1/2" = 1'-0"



2 WALL SECTION
SCALE: 1-1/2" = 1'-0"

WALL SECTION GENERAL NOTES

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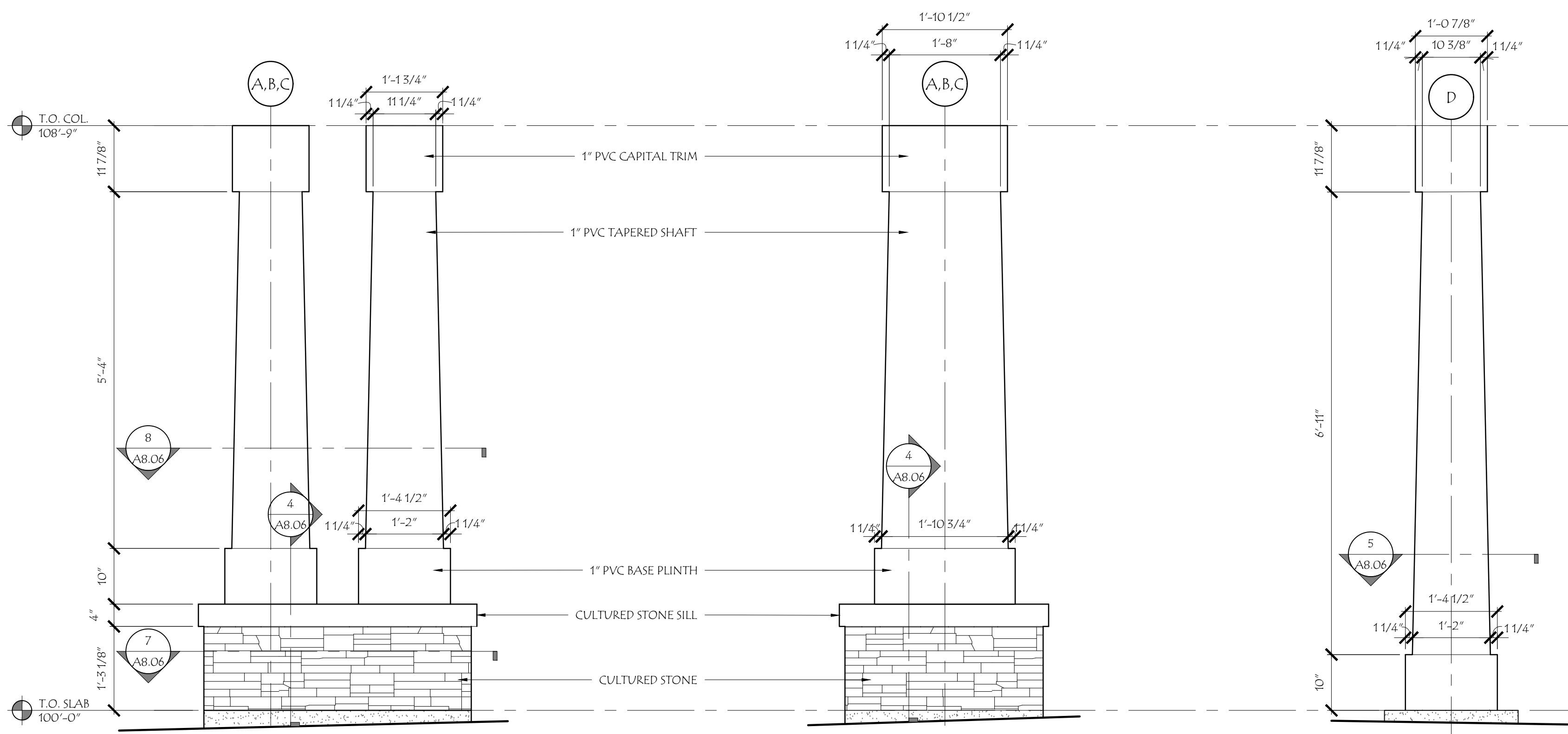
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PROJECT NUMBER:
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WALL SECTIONS

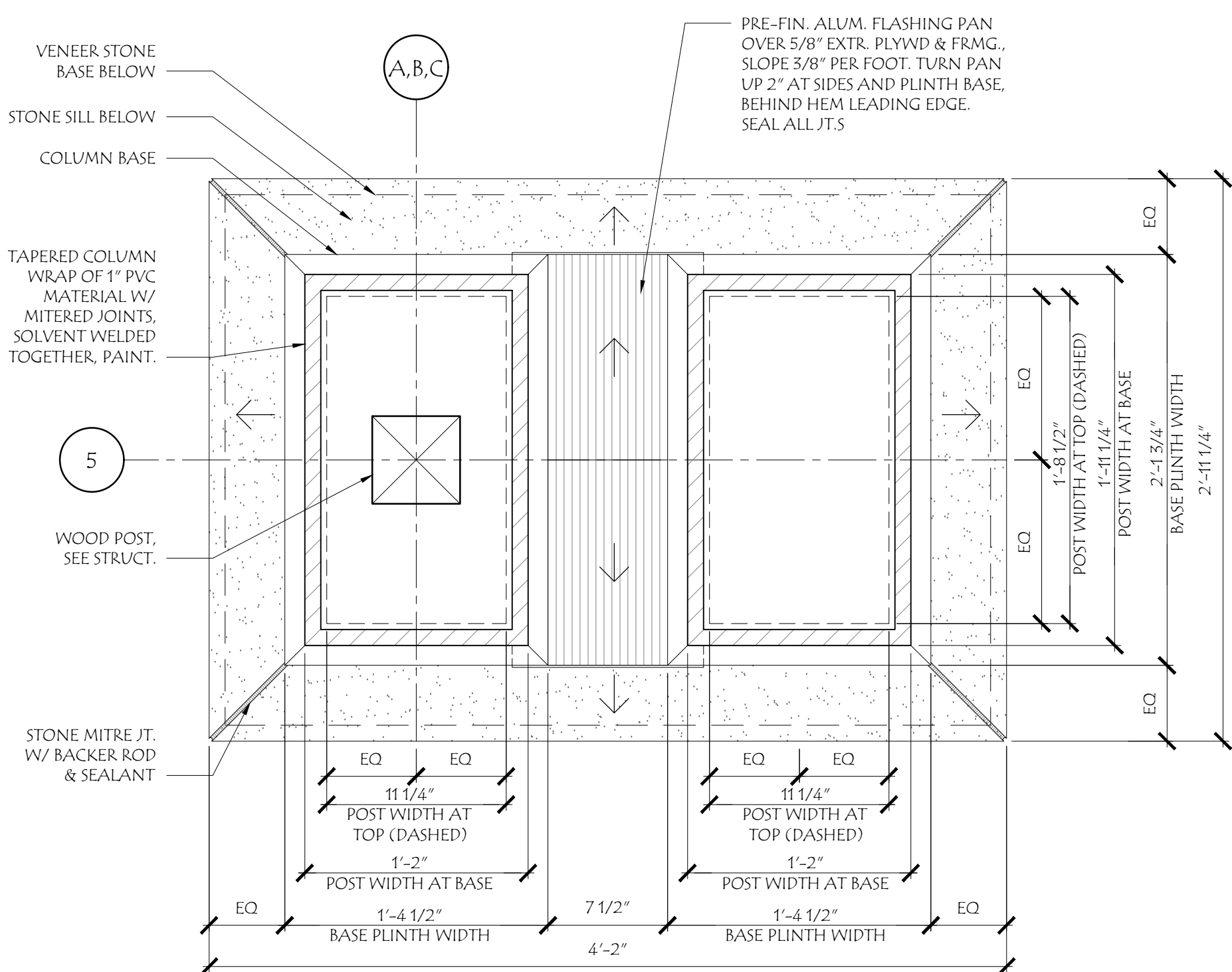
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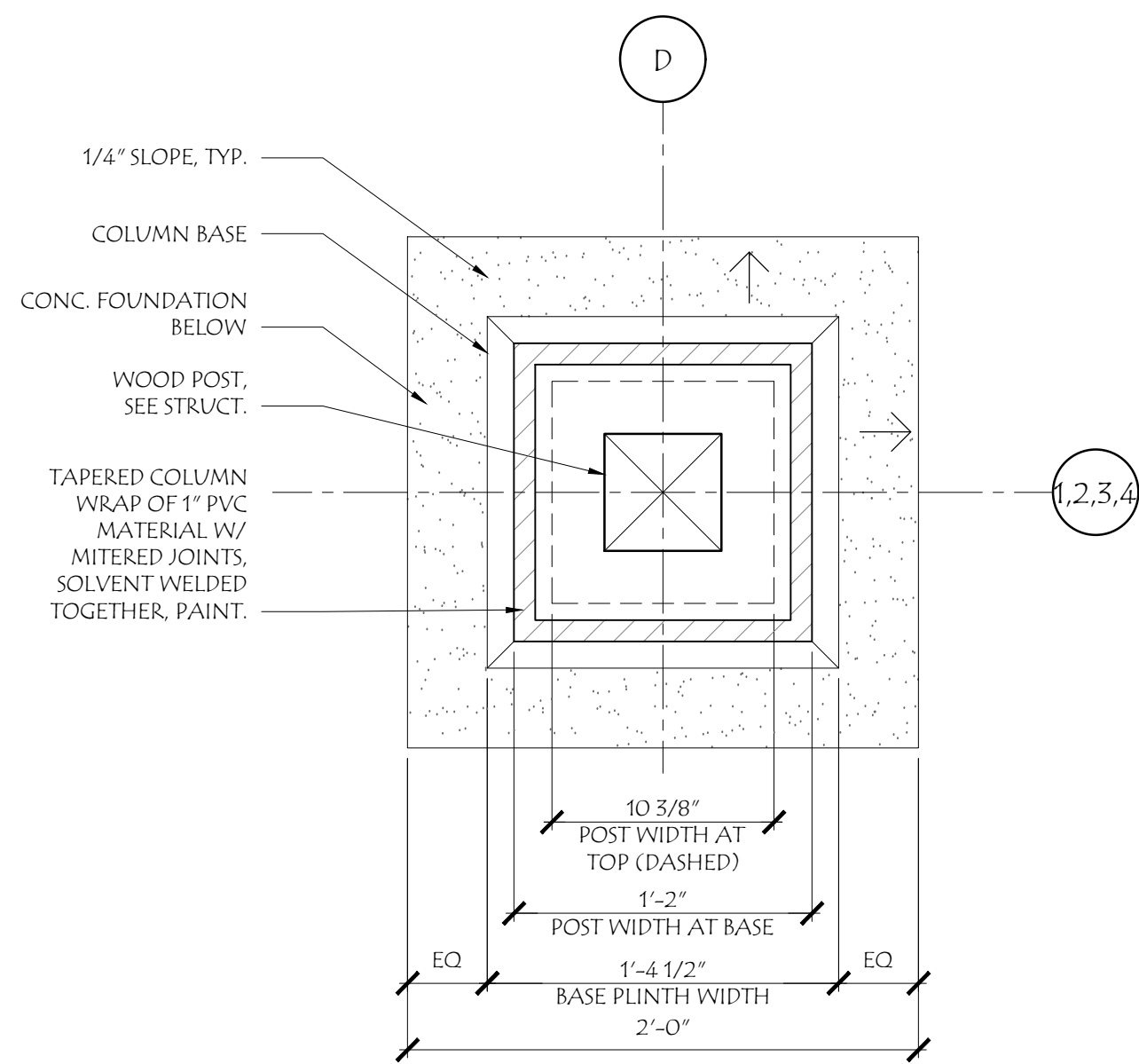
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SCALE: 3/4"=1'-0"

9 MAIN ENTRY COL.-SIDE ELEV.
SCALE: 3/4"=1'-0"

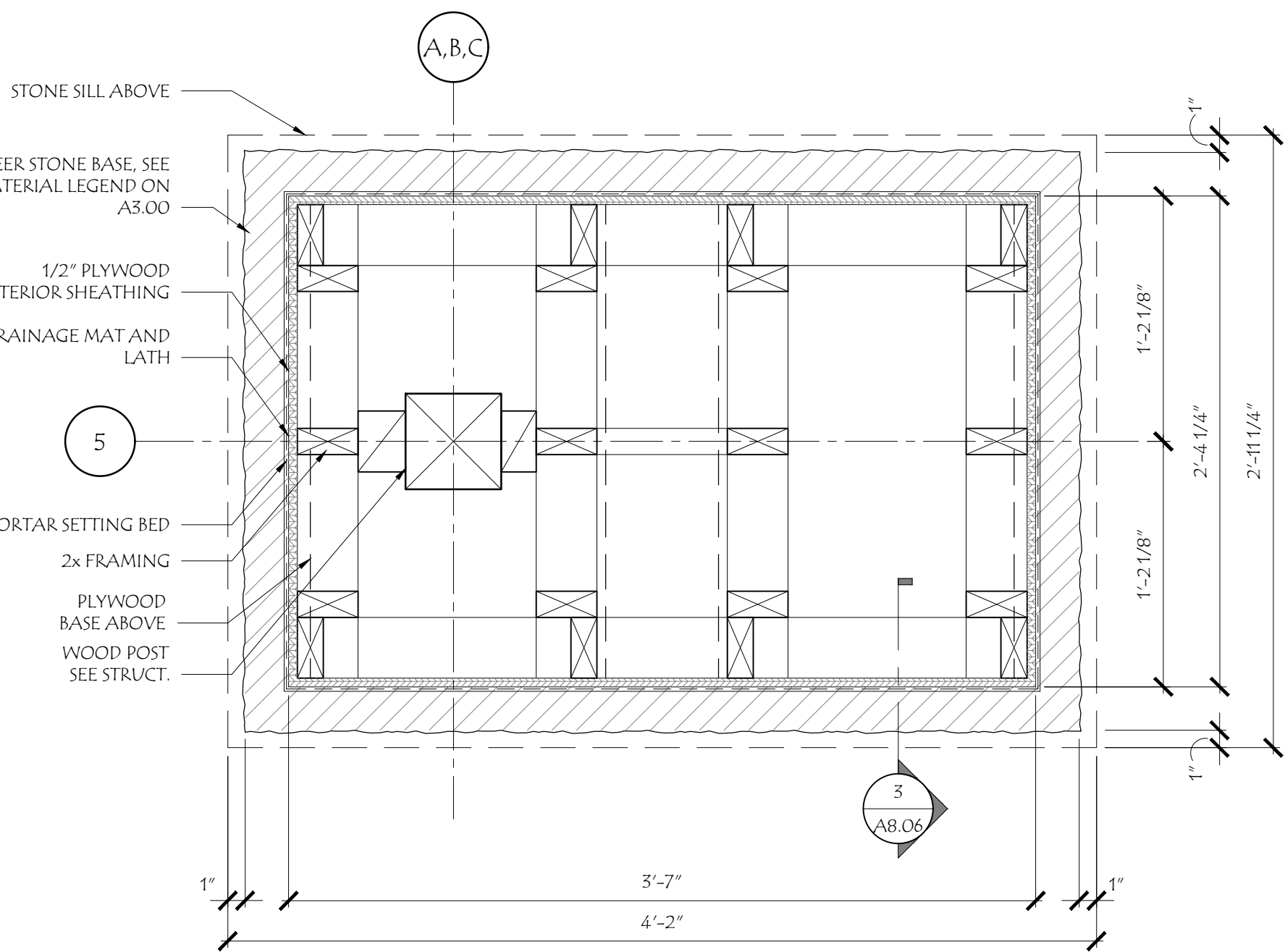
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SCALE: 3/4"=1'-0"



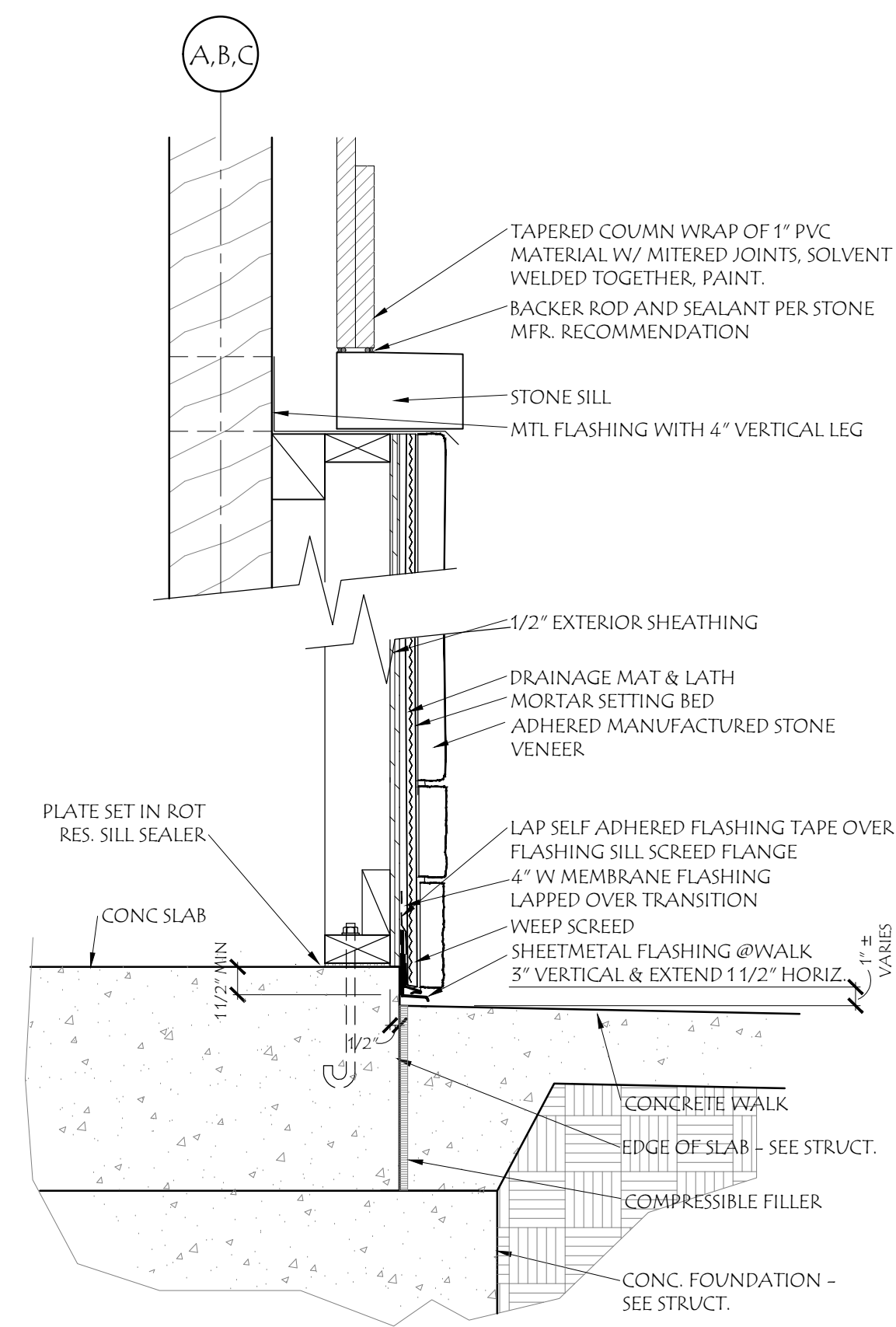
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SCALE: 1 1/2"=1'-0"



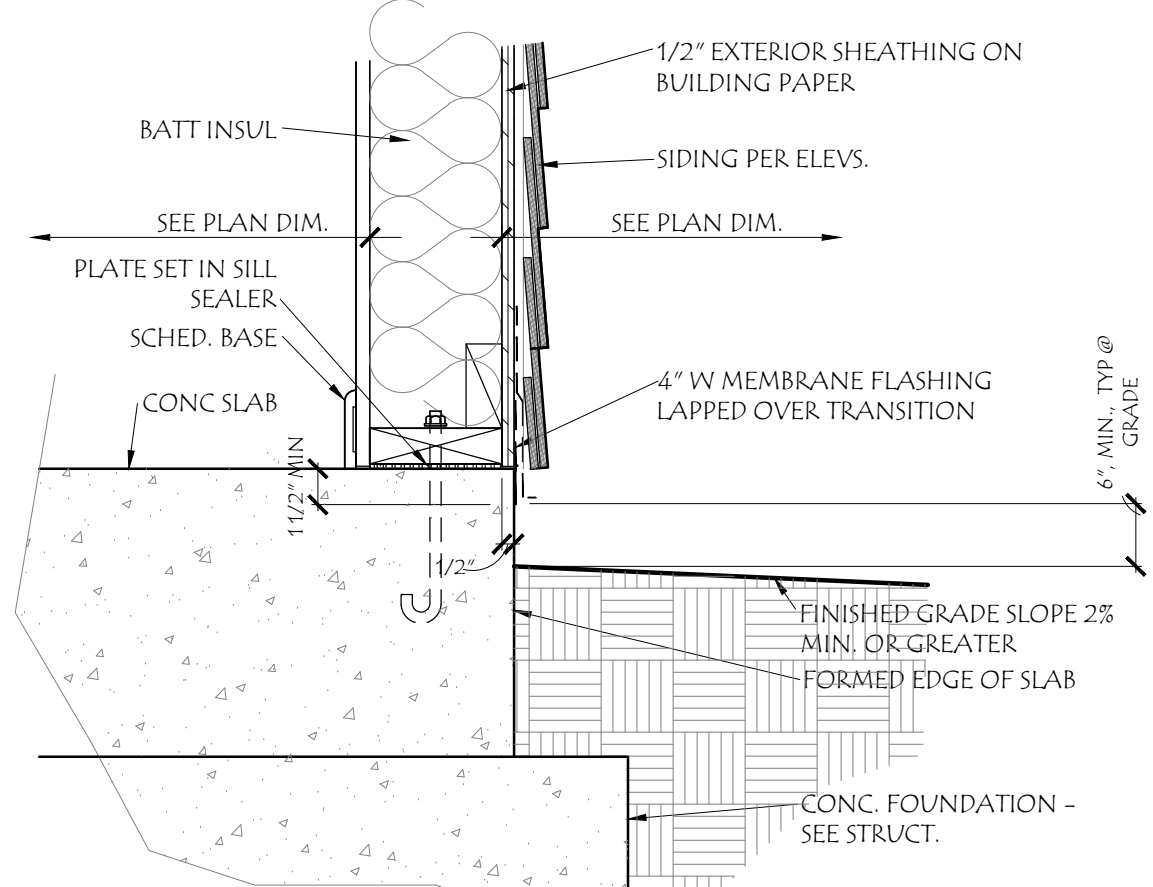
5 PATIO COL. PLAN
SCALE: 1 1/2"=1'-0"



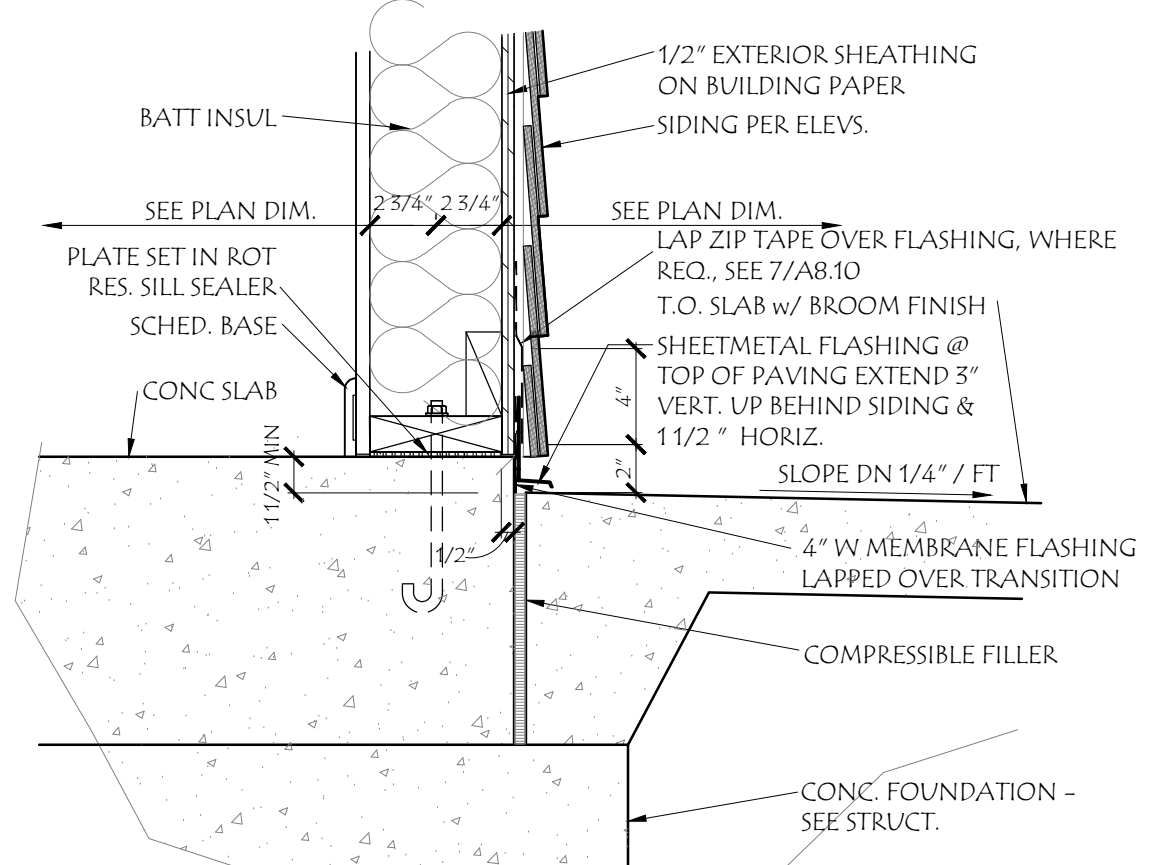
7 MAIN ENTRY COL.-BASE PLAN
SCALE: 1 1/2"=1'-0"



4 STONE COL. BASE AT WALK
SCALE: 1 1/2"=1'-0"



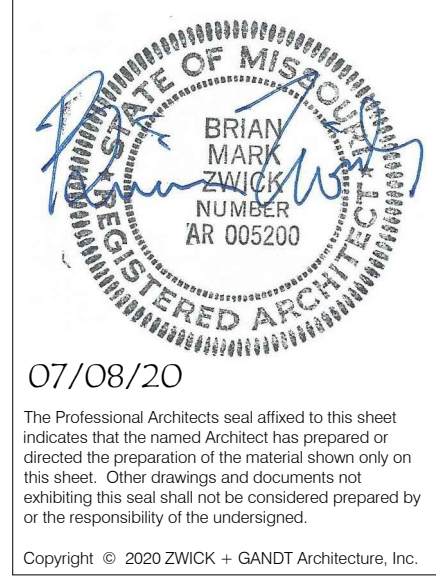
2 SIDING BASE AT GRADE
SCALE: 1 1/2"=1'-0"



1 SIDING BASE AT WALK
SCALE: 1 1/2"=1'-0"

WALL SECTION GENERAL NOTES

- A PRECONSTRUCTION CONFERENCE IS REQUIRED PRIOR TO INSTALLATION OF ALL EXPOSED CONDUITS, BOXES & DEVICES TO REVIEW ROUTING & LOCATIONS OF DEVICES IN CONJUNCTION WITH AREAS INDICATED TO HAVE AN EXPOSED STRUCTURE.
- WALL INSULATION WITHIN EXTERIOR WALLS TO BE OVERLAPPED 1'-0" MIN. VERTICALLY ABOVE THE ADJACENT ROOF/CEILING.
- WHETHER SHOWN ON THE DRAWINGS OR NOT, THE GENERAL CONTRACTOR HAS SOLE RESPONSIBILITY TO ENSURE THAT AN AIRTIGHT SEAL BETWEEN THE ENTIRE ROOF PERIMETER CONNECTION TO THE EXTERIOR WALL CONSTRUCTION, ANY OTHER ROOF PENETRATIONS, OR OTHER PARTIAL HEIGHT WALL CONSTRUCTION IS MAINTAINED, WHETHER HIS OWN FORCES OR ANY OF THE MULTIPLE SUBCONTRACTORS UNDER HIS CONTROL INVOLVED IN THIS PORTION OF THE WORK.
- ALL EXTERIOR WALL SHEATHING SHOWN TO BE 1/2" EXTERIOR GRADE PLYWOOD, PER STRUCTURAL DRAWINGS.
- STUD FRAMING CONTRACTOR RESPONSIBILITY FOR PERFORMING THE WORK HAVE SOLE RESPONSIBILITY TO INSTALL ALL APPROVED FIRESTOPPING MATERIAL IN ACCORDANCE WITH THE IRC BUILDING CODE WHETHER SHOWN ON THE DRAWINGS OR NOT.
- FIRE-BLOCKING AND DRAFTSTOPPING SHALL BE INSTALLED IN COMBUSTIBLE CONCEALED LOCATIONS INSTALLED TO CUT-OFF CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL) AND SHALL FORM AN EFFECTIVE BARRIER BETWEEN FLOORS, BETWEEN A TOP STORY AND A ROOF ATTIC SPACE. FIRE-BLOCKING SHALL CONSIST OF:
 - TWO (2) TWO (2)-INCH NOMINAL LUMBER.
 - TWO THICKNESS OF 1-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS.
 - ONE THICKNESS OF 0.719-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 0.719-INCH WOOD STRUCTURAL PANELS.
 - ONE THICKNESS OF 0.75-INCH PARTICLEBOARD WITH JOINTS BACKED BY 0.75-INCH PARTICLEBOARD.
 - ONE-HALF (1/2)-INCH GYPSUM BOARD.
 - ONE-FOURTH (1/4)-INCH CEMENT-BASED MILLBOARD.
- IN CONCEALED SPACES BETWEEN STAIR STRINGERS AND THE TOP AND BOTTOM OF THE RUN, AND BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES AS OCCUR IN SOFFITS, DROP CEILINGS, COVE CEILINGS AND SIMILAR LOCATIONS.
 - BATT OR BLANKETS OF MINERAL WOOL, MINERAL FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE.
 - FIBERGLASS INSULATION INSTALLED AS TESTED FOR THE SPECIFIC APPLICATION.
- FIRE-BLOCKING SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS:
 - CONCEALED WALL SPACES OF STUDS AND PARTITIONS, INCLUDING FURRED SPACES, AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS VERTICALLY AT THE CEILING AND THE FLOOR LEVELS AND HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET.
 - INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED HORIZONTAL SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS OR TRUSSES, AND BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES AS OCCUR IN SOFFITS, DROP CEILINGS, COVE CEILINGS AND SIMILAR LOCATIONS.
 - IN CONCEALED SPACES BETWEEN STAIR STRINGERS AND THE TOP AND BOTTOM OF THE RUN.
 - ANNULAR SPACE AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILINGS AND FLOOR LEVELS SHALL BE INSTALLED WITH A MATERIAL SPECIFICALLY TESTED IN THE FORM AND MANNER INTENDED FOR USE TO DEMONSTRATE ITS ABILITY TO REMAIN IN PLACE AND RESIST THE FREE PASSAGE OF FLAME AND THE PRODUCTS OF COMBUSTION.
 - A FACTORY-BUILT CHIMNEYS AND FIREPLACES SHALL BE FIRE-BLOCKED IN ACCORDANCE WITH UL103 AND UL127.
 - WITHIN CONCEALED SPACE OF EXTERIOR WALL COVERINGS AND OTHER EXTERIOR ARCHITECTURAL ELEMENTS WITH COMBUSTIBLE CONSTRUCTION. FIRE-BLOCKING SHALL BE INSTALLED AT MAXIMUM INTERVALS OF 20 FEET IN EITHER DIMENSION SO THAT THERE WILL BE NO CONCEALED SPACE EXCEEDING 100 SQUARE FEET BETWEEN FIRE-BLOCKING.
 - WHERE WOOD FURRING STRIPS ARE USED, THEY SHALL BE OF APPROVED WOOD OF NATURAL DECAY RESISTANCE OF PRESERVATIVE-TREATED WOOD. IF NONCONTINUOUS, SUCH ELEMENTS SHALL HAVE CLOSED ENDS, WITH NOT LESS THAN 4 INCHES OF SEPARATION BETWEEN SECTIONS.
 - WHERE WOOD SLEEPERS ARE USED FOR LAYING WOOD FLOORING ON MASONRY OR CONCRETE FIRE-RESISTANCE RATED FLOORS, THE SPACE BETWEEN THE FLOOR SLAB AND THE UNDERSIDE OF THE WOOD FLOORING SHALL BE FILLED WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME OR FIRE-BLOCKED IN SUCH A MANNER THAT THERE WILL BE NO OPEN SPACES UNDER THE FLOORING THAT WILL EXCEED 100 SQUARE FEET IN AREA AND SUCH SPACE SHALL BE FILLED SOLIDLY UNDER PERMANENT PARTITIONS SO THAT THERE IS NO COMMUNICATION UNDER THE FLOORING BETWEEN ADJOINING ROOMS.
- DRAFTSTOPPING IN ATTIC SPACE AT LOCATIONS SHOWN ON ROOF PLAN.
- ALL ROOF SHEATHING TO BE 1/2" APA FRT PLYWOOD SHEATHING W/ CLIPS.



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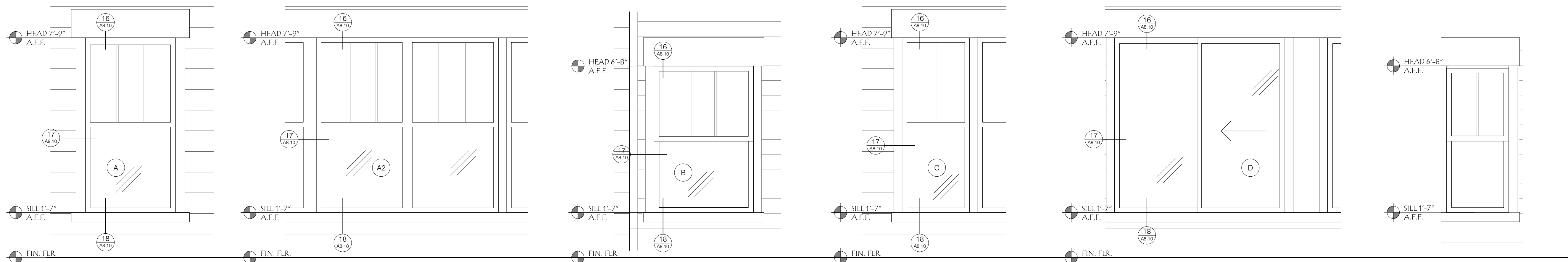
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BID PACKAGE	02/12/20
ADDENDUM #1	02/25/20
MO/DHSS COMMENTS	05/13/20
COUNTY PLAN REVIEW	05/19/20
COUNTY PLAN REVIEW	06/22/20
MOD. DOCUMENT #1	07/08/20

PROJECT NUMBER:
19048.00
COLUMN DETAILS

A8.06



1 TYPE A WDW.
SCALE: 1/2" = 1'-0"

2 TYPE A2 WDW.
SCALE: 1/2" = 1'-0"

3 TYPE B WDW.
SCALE: 1/2" = 1'-0"

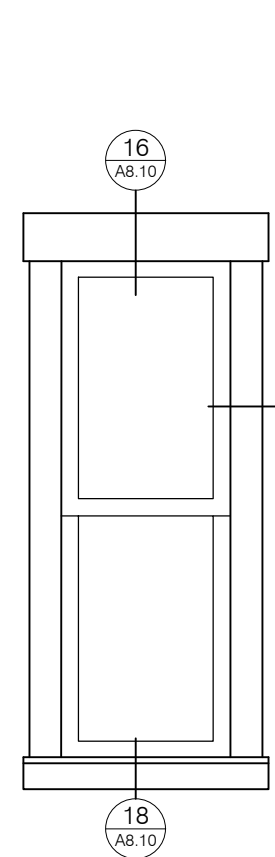
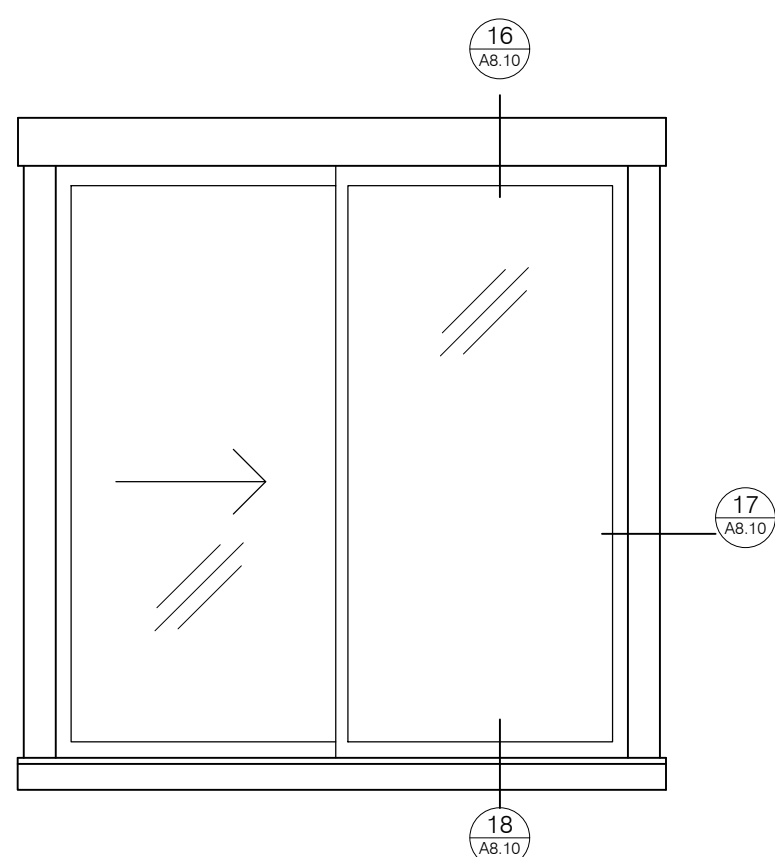
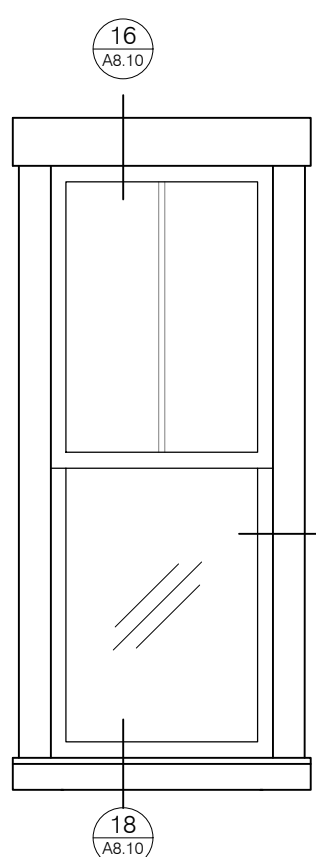
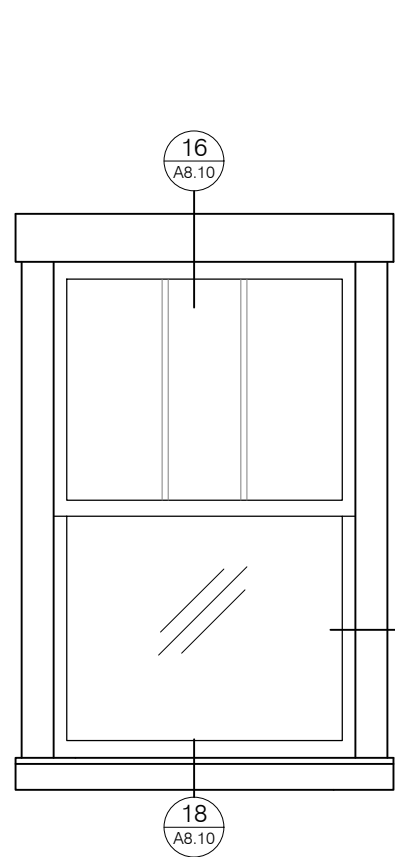
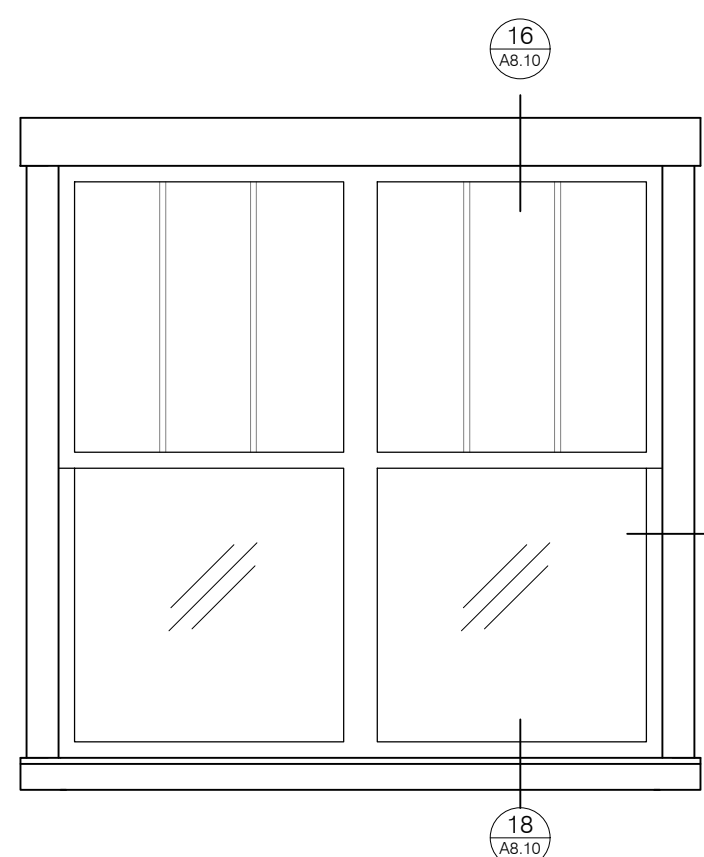
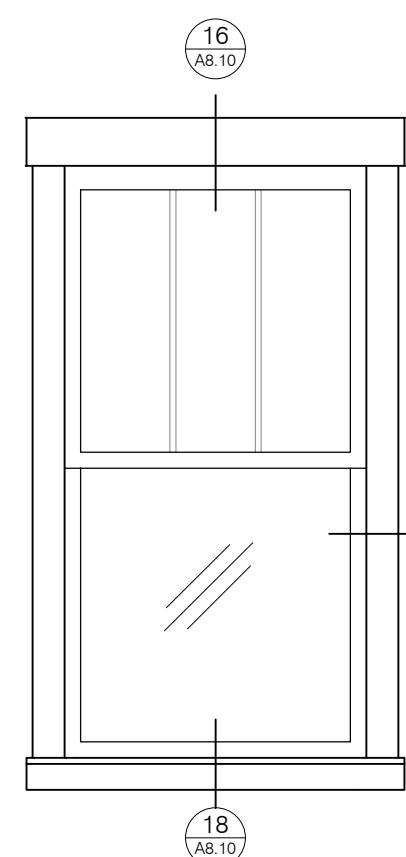
4 TYPE C WDW.
SCALE: 1/2" = 1'-0"

5 TYPE D WDW.
SCALE: 1/2" = 1'-0"

5A TYPE E WDW.
SCALE: 1/2" = 1'-0"

NOTE: DORMER USES WDW TYPE B

(SEE ELEVATIONS FOR LOCATION OF TEMPERED GLASS)



6 TYPE A WDW. INT.
SCALE: 1/2" = 1'-0"

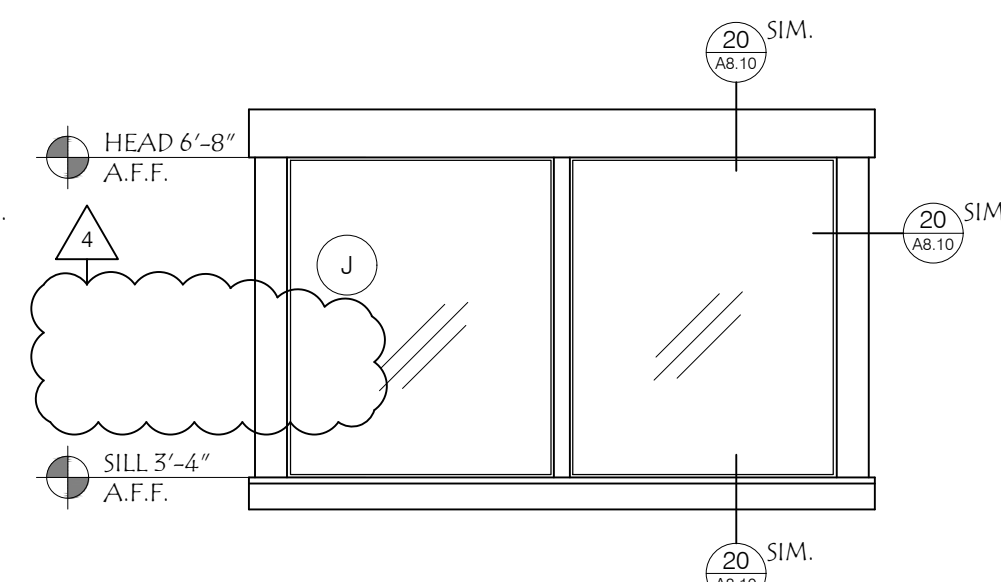
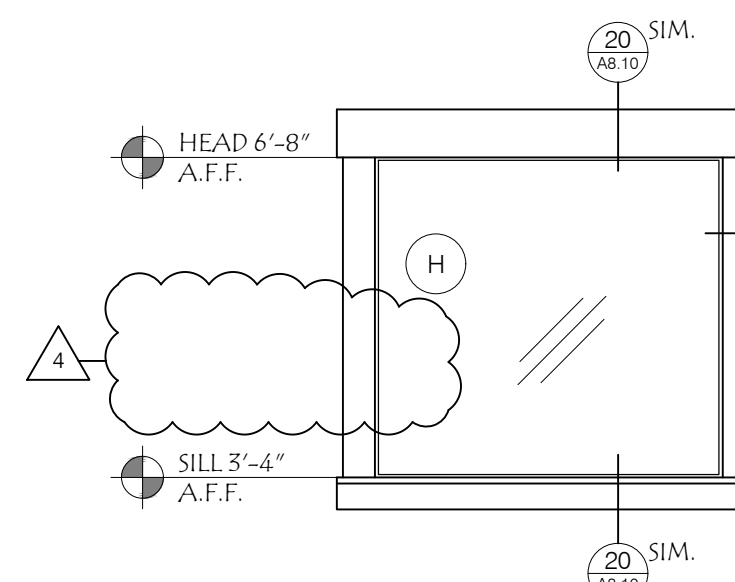
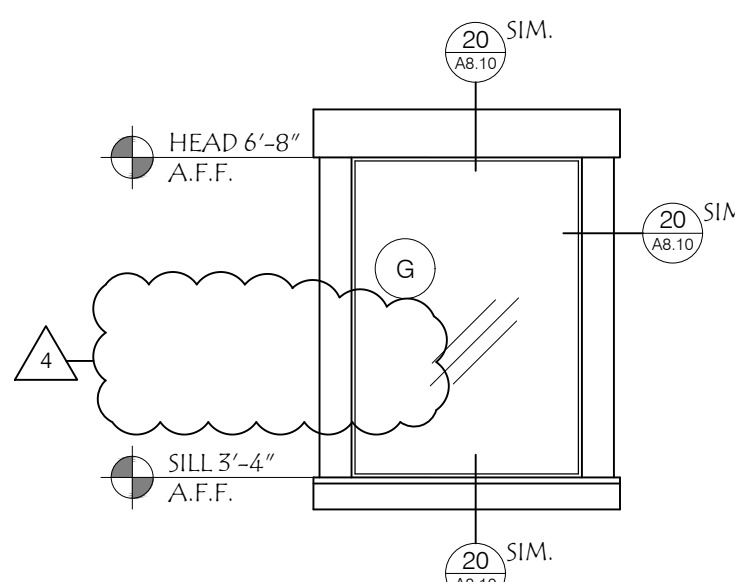
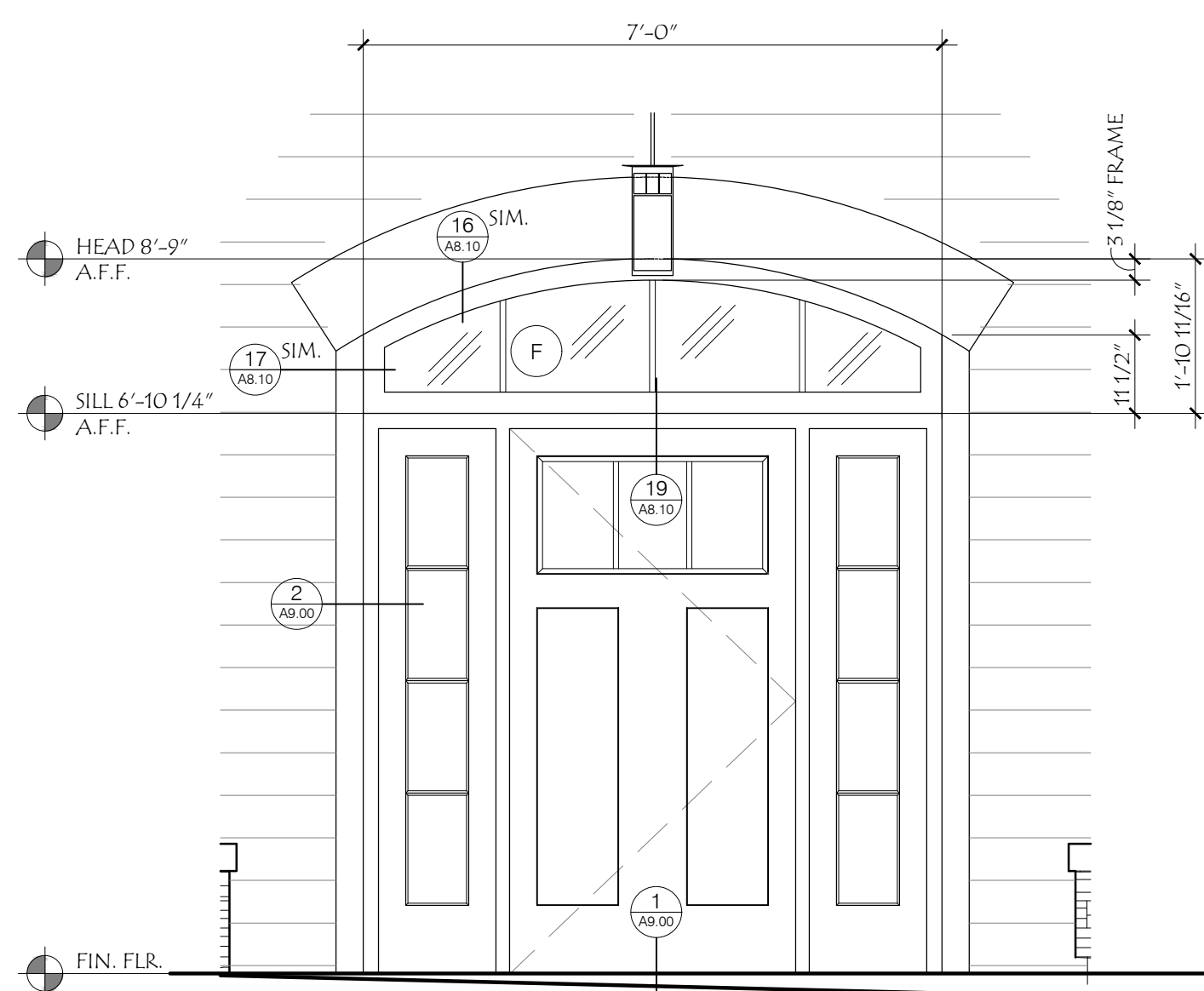
7 TYPE A2 WDW. INT.
SCALE: 1/2" = 1'-0"

8 TYPE B WDW. INT.
SCALE: 1/2" = 1'-0"

9 TYPE C WDW. INT.
SCALE: 1/2" = 1'-0"

10 TYPE D WDW. INT.
SCALE: 1/2" = 1'-0"

10A TYPE E WDW. INT.
SCALE: 1/2" = 1'-0"

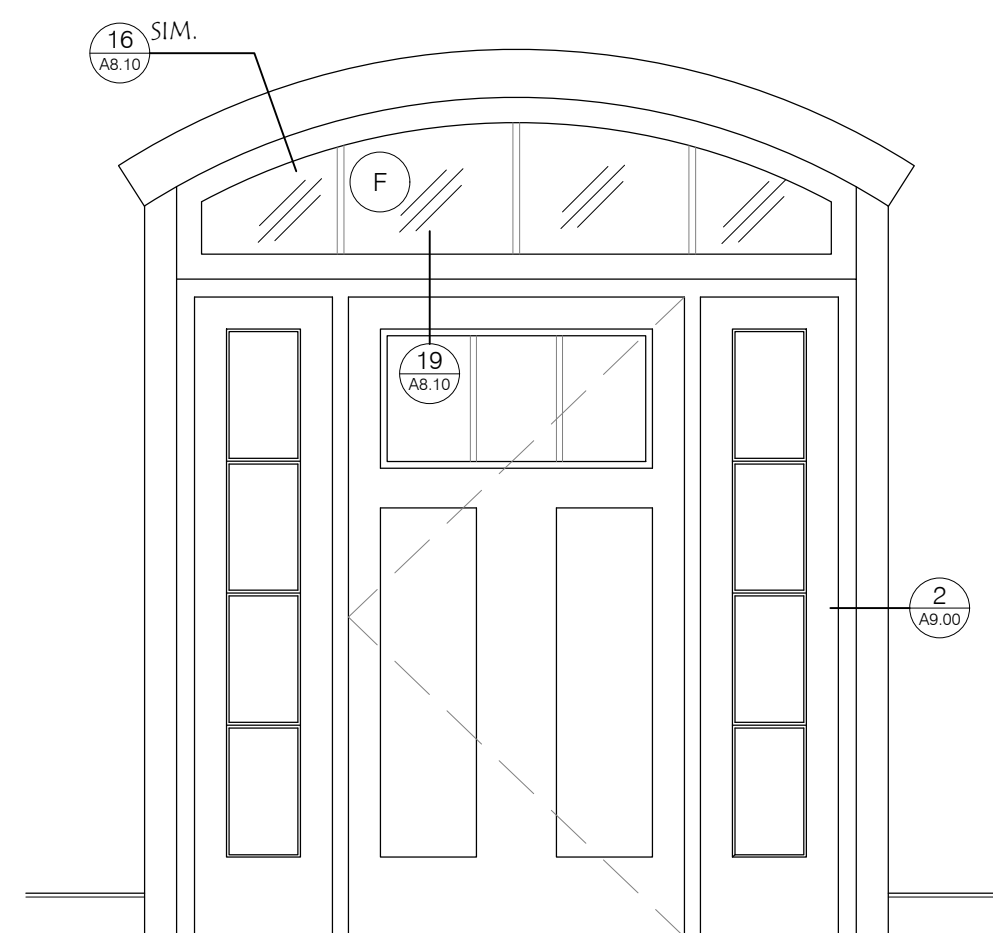


11 TYPE F WDW.
SCALE: 1/2" = 1'-0"

12 TYPE G WDW.
SCALE: 1/2" = 1'-0"

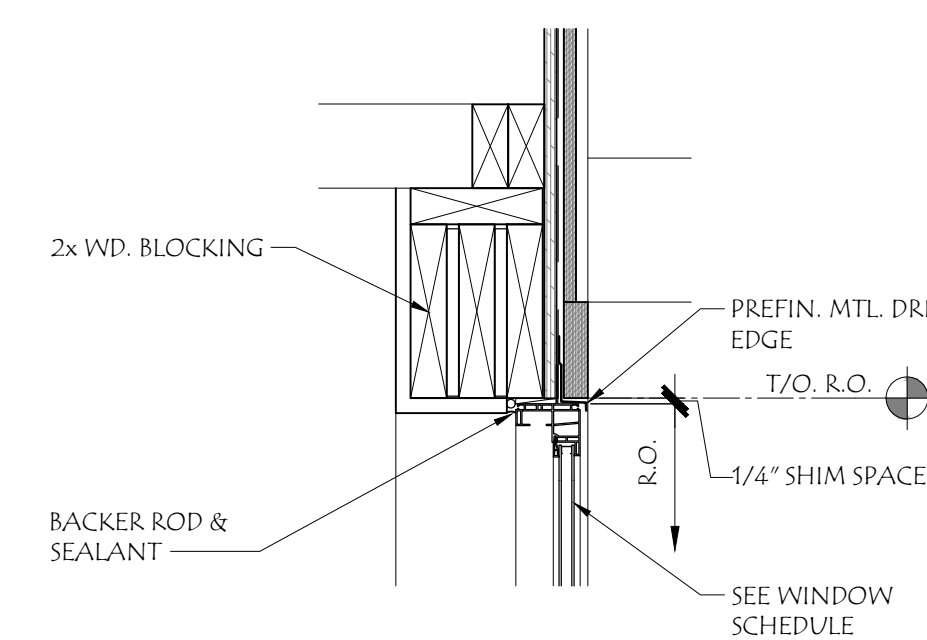
13 TYPE H WDW.
SCALE: 1/2" = 1'-0"

14 TYPE J WDW.
SCALE: 1/2" = 1'-0"

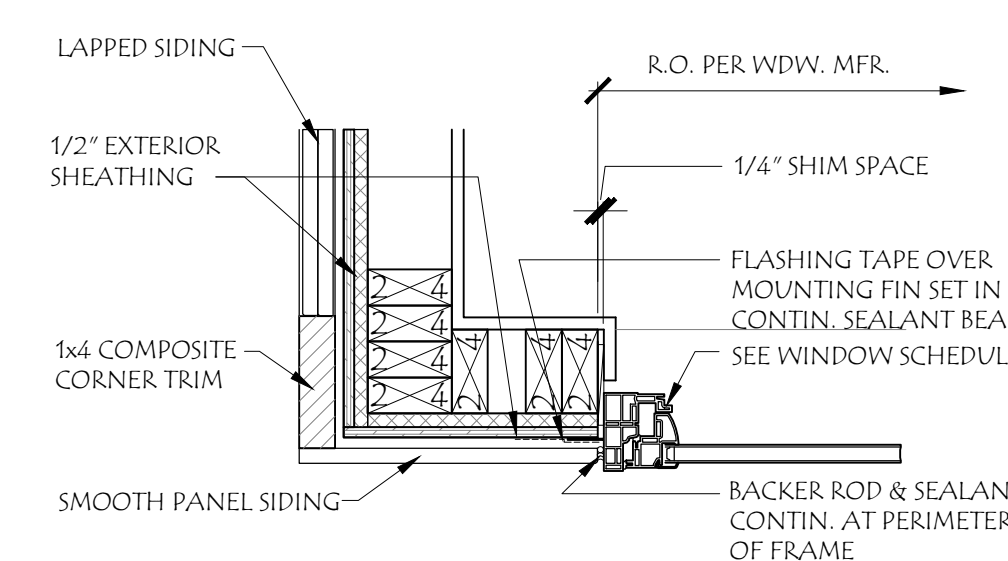


15 TYPE F WDW. INT.
SCALE: 1/2" = 1'-0"

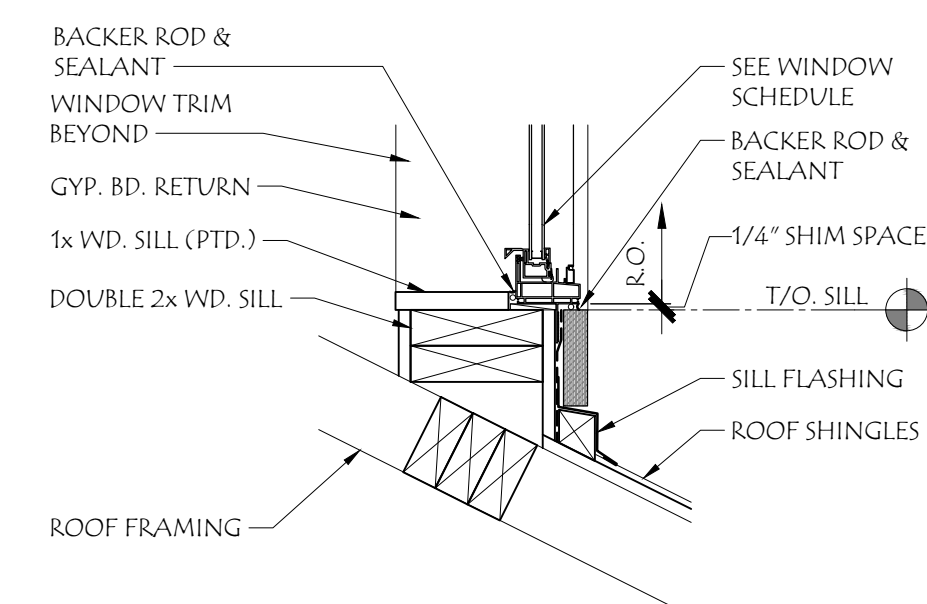
UNIT WINDOW SCHEDULE				
Basis of Design: ANDERSEN WINDOWS, SILVERLINE, V1 SERIES. VERIFY ALL R.O.'S W/ MANUFACTURER				
MARK	WINDOW SIZE (w x h)	DESCRIPTION	REMARKS	HEAD HT.
(A)	3'-1 3/4" x 6'-2"	VINYL WINDOW	SINGLE HUNG WINDOW	7'-9"
(A2)	6'-3 1/2" x 6'-2"	VINYL WINDOW	TWIN SINGLE HUNG WINDOW	7'-9"
(B)	3'-1 3/4" x 5'-1"	VINYL WINDOW	SINGLE HUNG WINDOW	6'-8"
(C)	2'-3 3/4" x 6'-2"	VINYL WINDOW	SINGLE HUNG WINDOW	7'-9"
(D)	5'-11 1/2" x 6'-2"	VINYL WINDOW	SLIDING WINDOW	7'-9"
(E)	1'-9 1/4" x 5'-1"	VINYL WINDOW	SINGLE HUNG WINDOW	6'-8"
(F)	1'-10 11/16" x 6'-11 1/2"	VINYL WINDOW	TRANSOM ARCH WINDOW	8'-9"
(G)	2'-4 3/4" x 3'-4"	H.M. FRAME	INTERIOR FIXED WINDOW W/ 1/4" TEMPERED GLASS	6'-8"
(H)	3'-7 1/2" x 3'-4"	H.M. FRAME	INTERIOR FIXED WINDOW W/ 1/4" TEMPERED GLASS	6'-8"
(J)	5'-8 3/4" x 3'-4"	H.M. FRAME	INTERIOR FIXED WINDOW W/ 1/4" TEMPERED GLASS	6'-8"



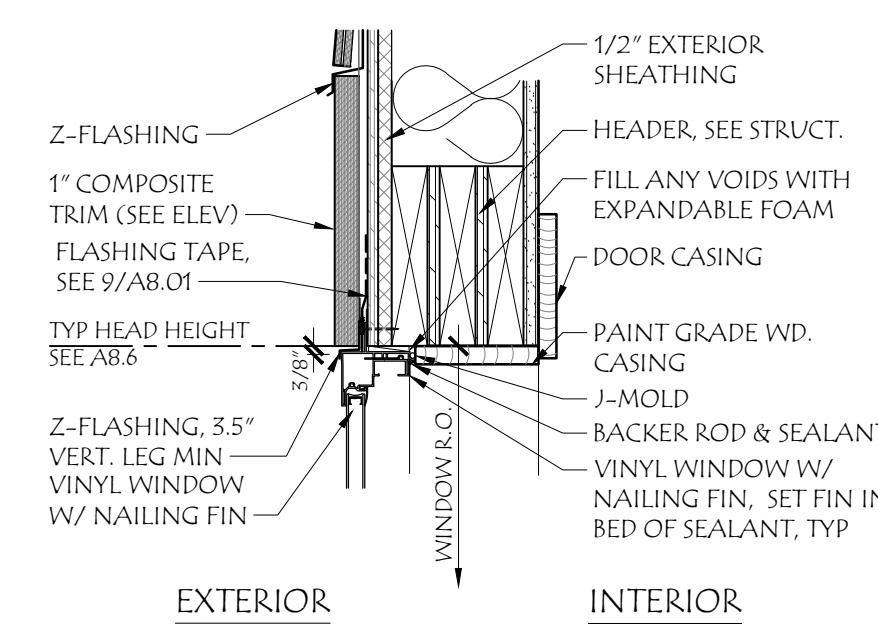
21 DORMER HEAD
SCALE: 1 1/2" = 1'-0"



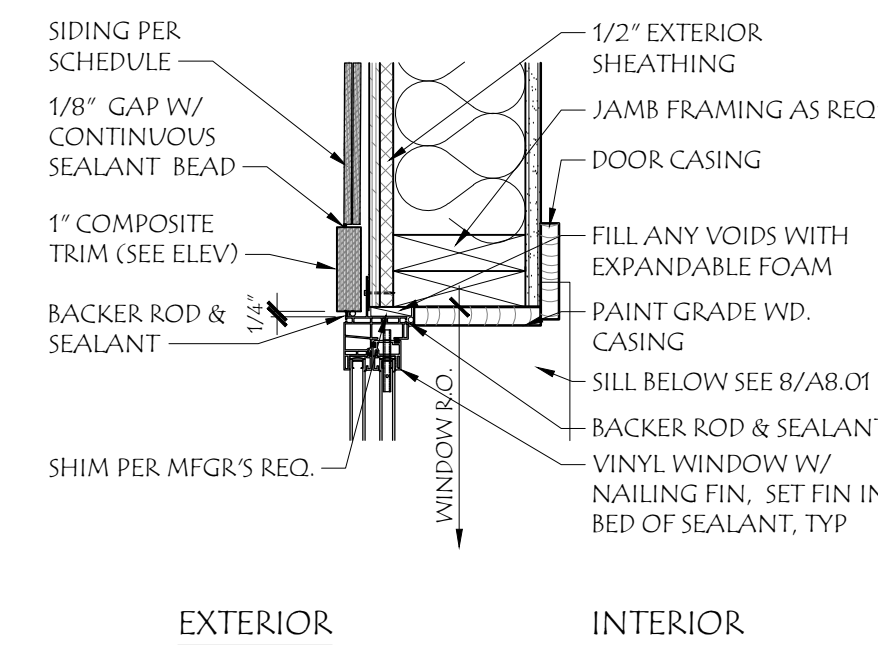
22 DORMER JAMB
SCALE: 1 1/2" = 1'-0"



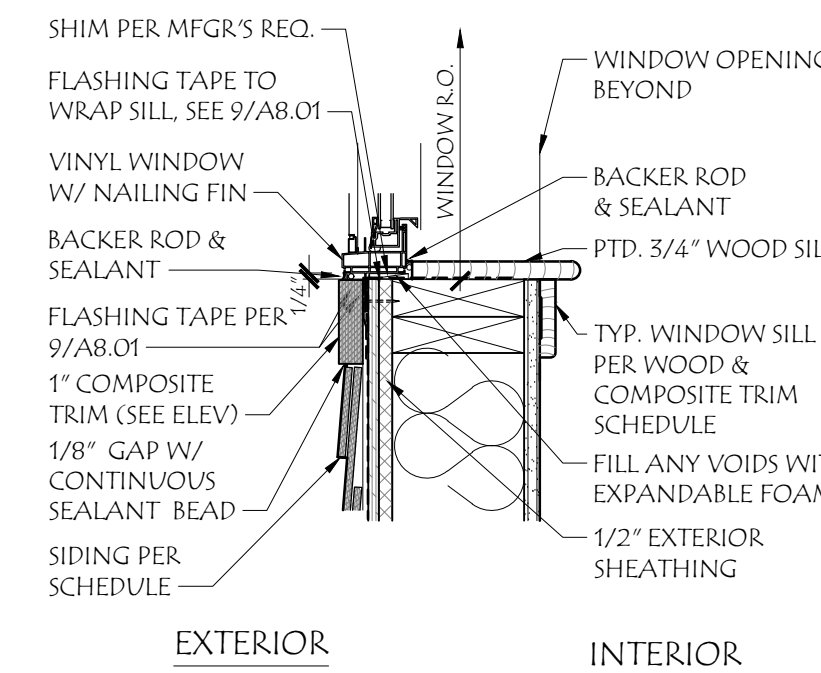
23 DORMER SILL
SCALE: 1 1/2" = 1'-0"



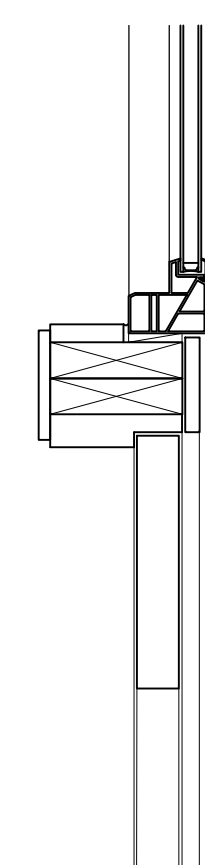
16 WINDOW - SIDING HEAD
SCALE: 1 1/2" = 1'-0"



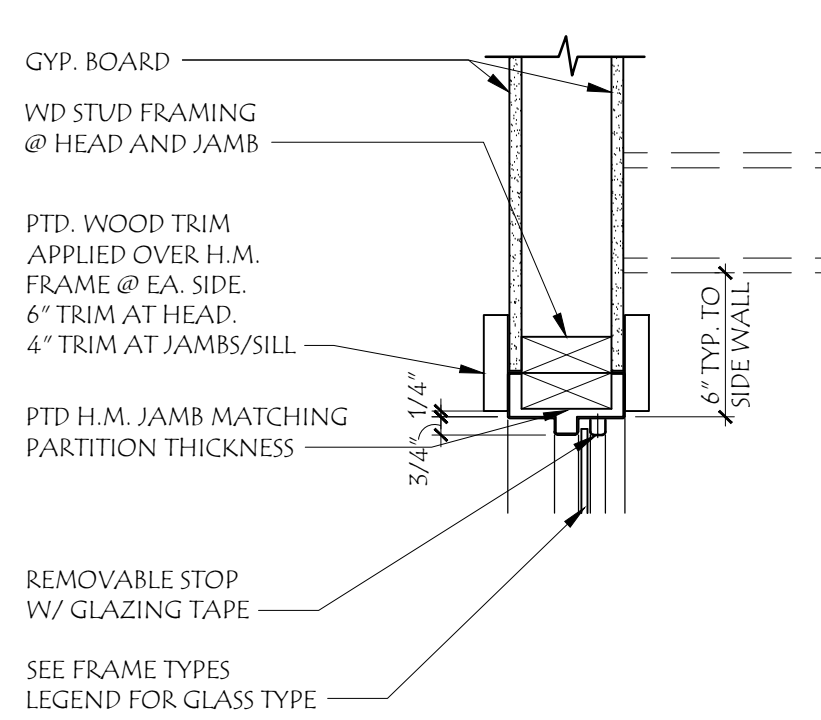
17 WINDOW - SIDING JAMB
SCALE: 1 1/2" = 1'-0"



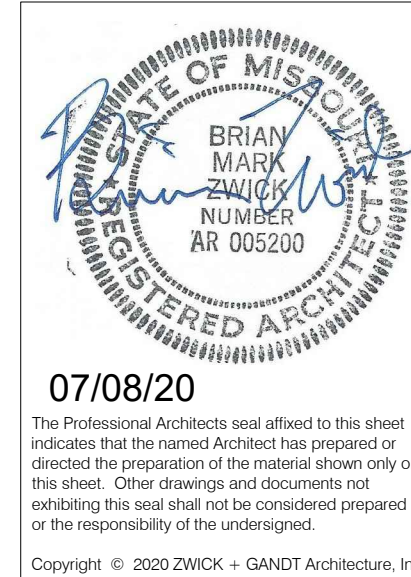
18 WINDOW - SIDING SILL
SCALE: 1 1/2" = 1'-0"



19 TRANSOM SILL DETAIL
SCALE: 1 1/2" = 1'-0"



20 H.M. WDW. HEAD/JAMB DTL.
SCALE: 1 1/2" = 1'-0"



07/08/20
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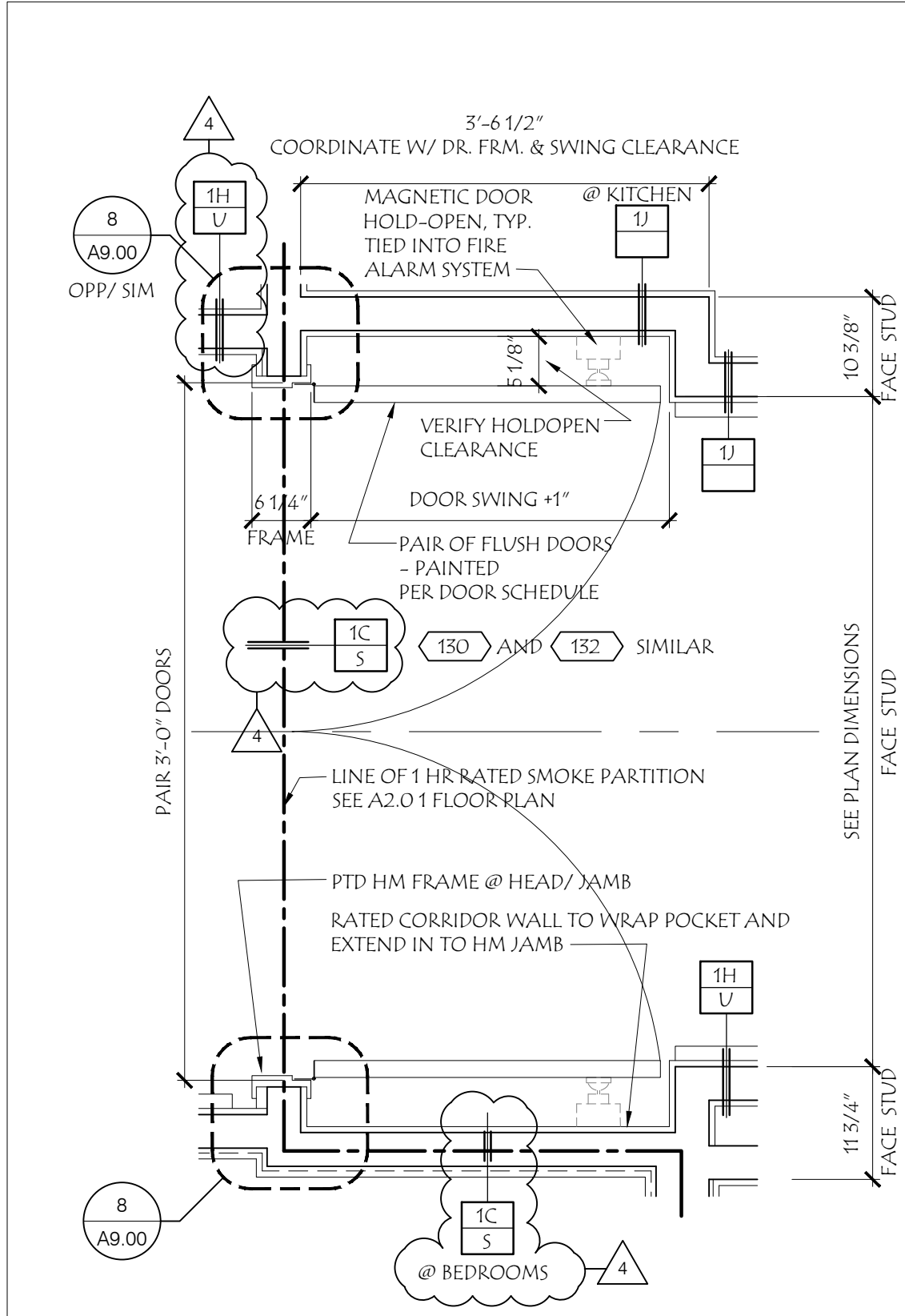
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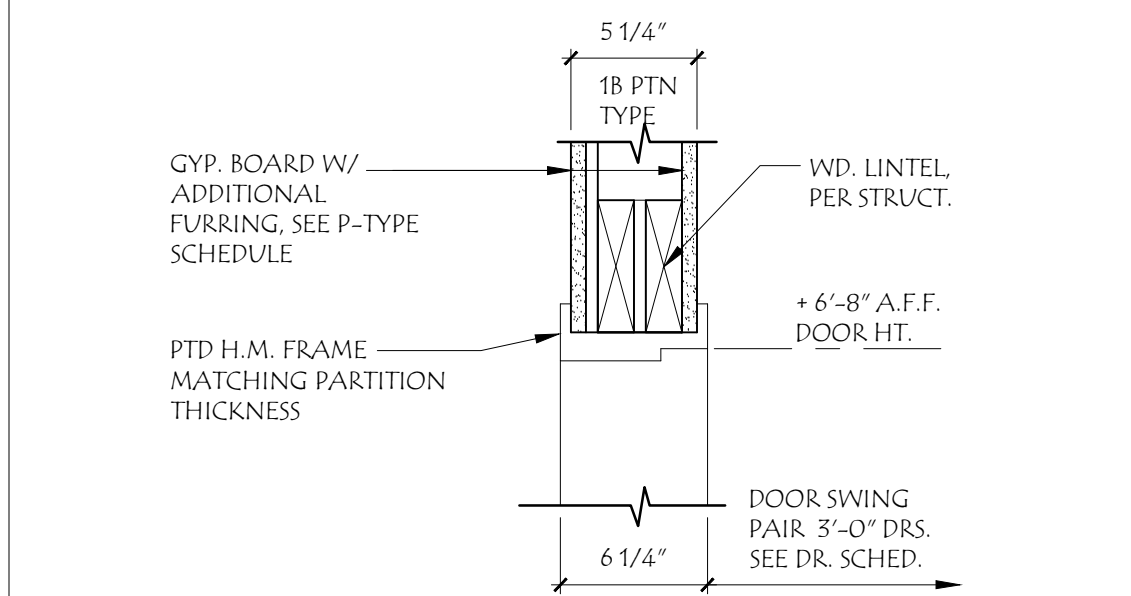
PROJECT NUMBER:
19048.00

WINDOW DETAILS

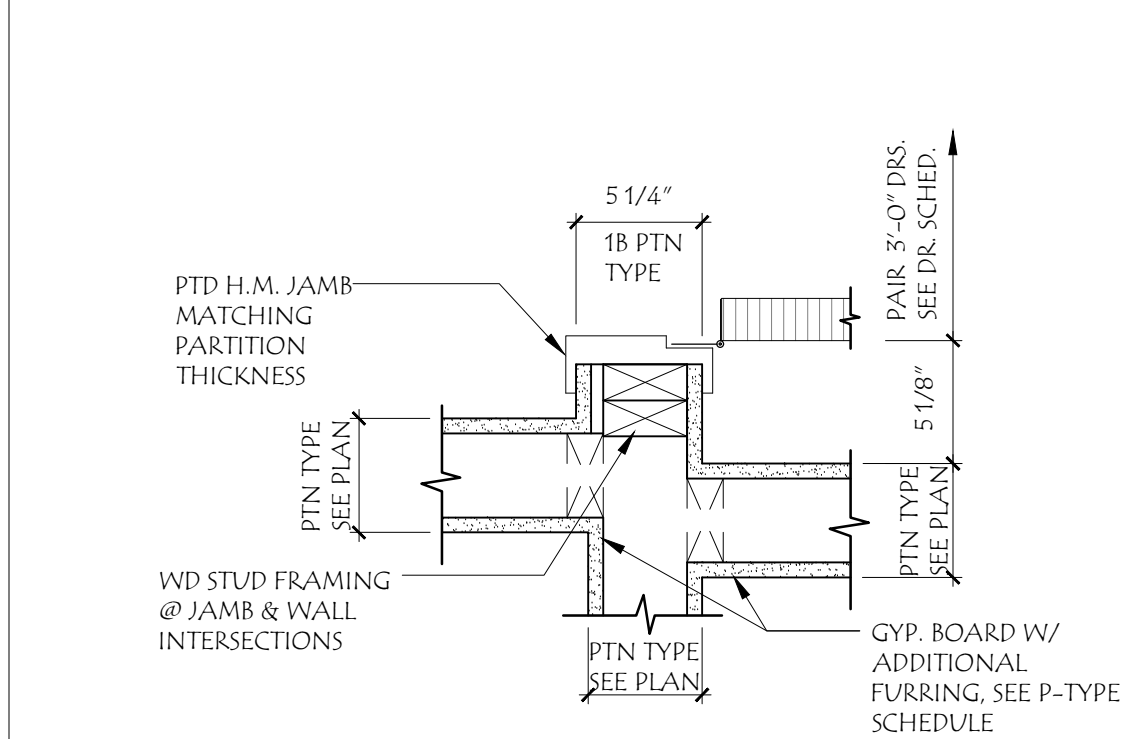
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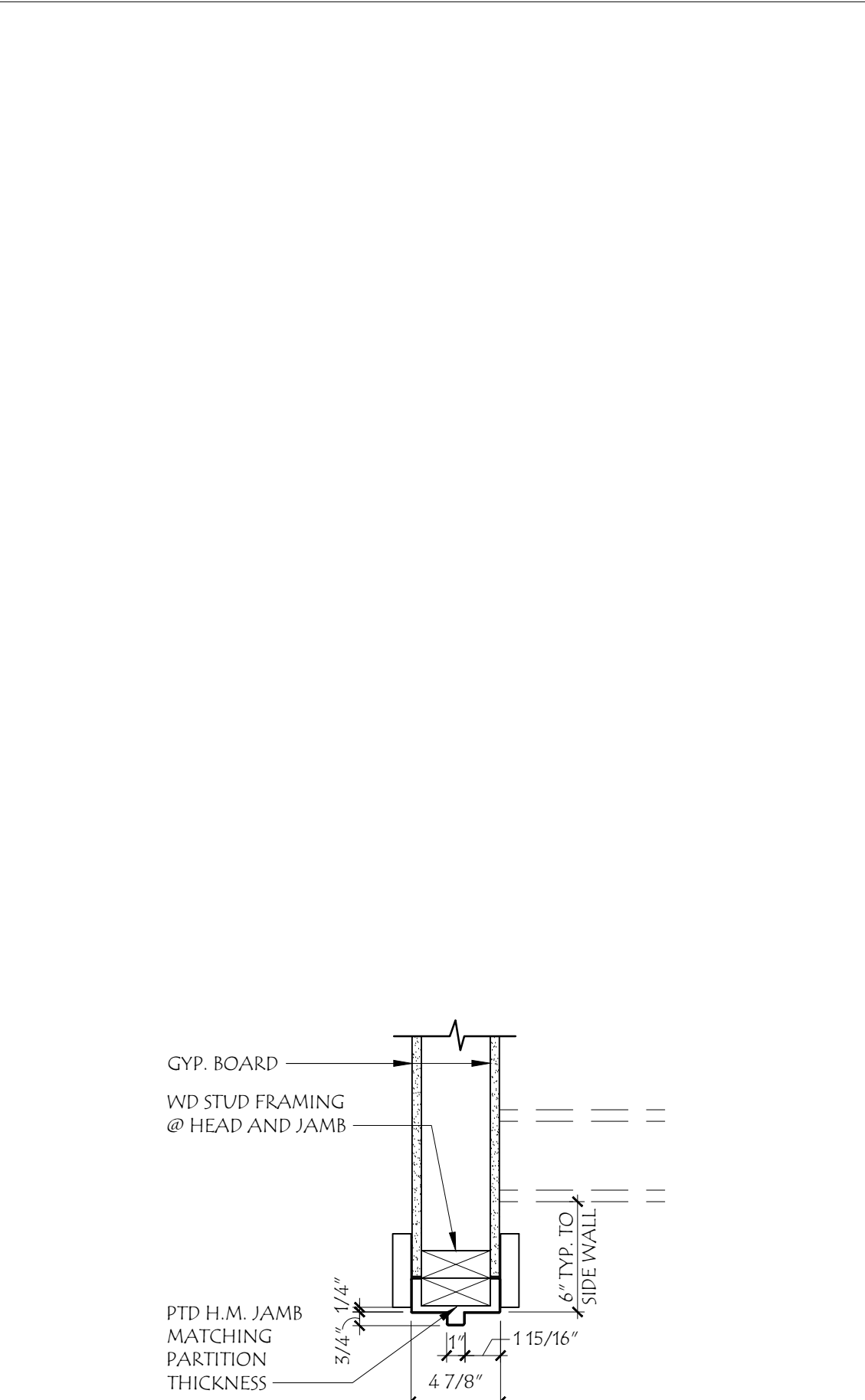
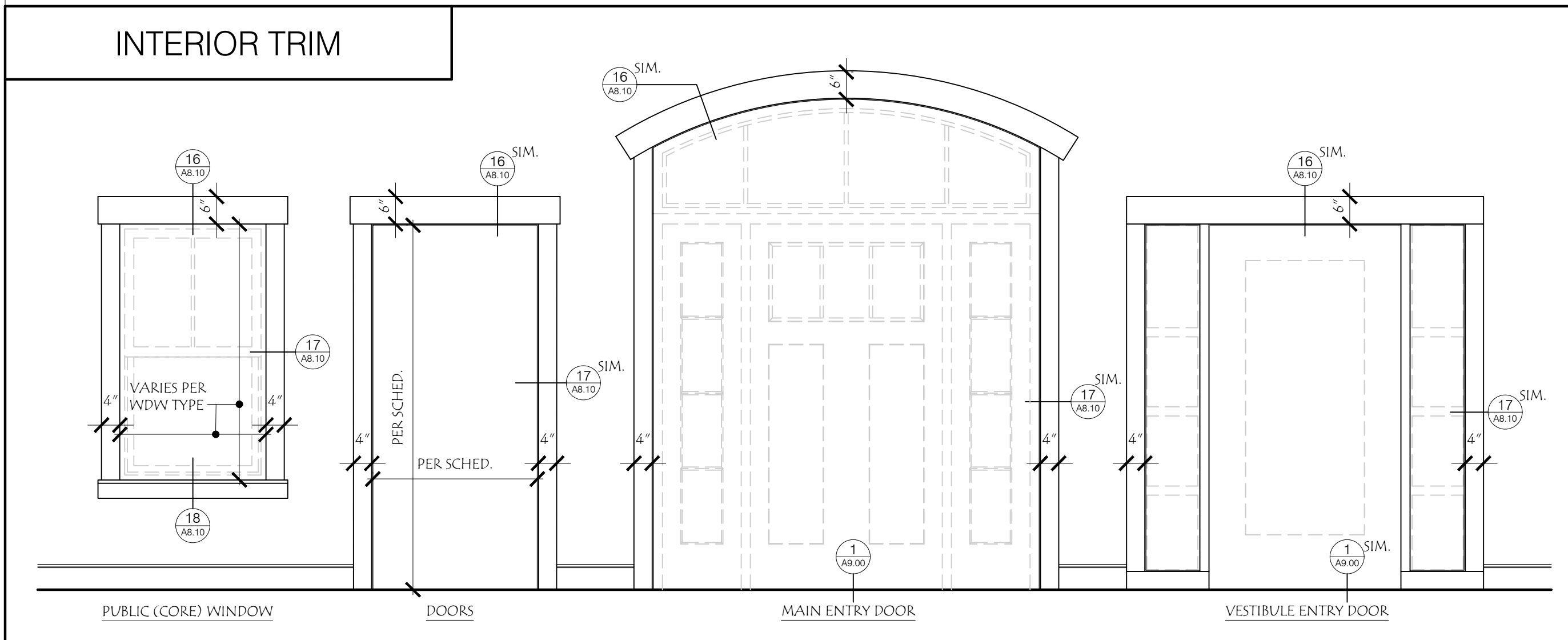
6 POCKET DOOR PLAN
3/4" = 1'-0"



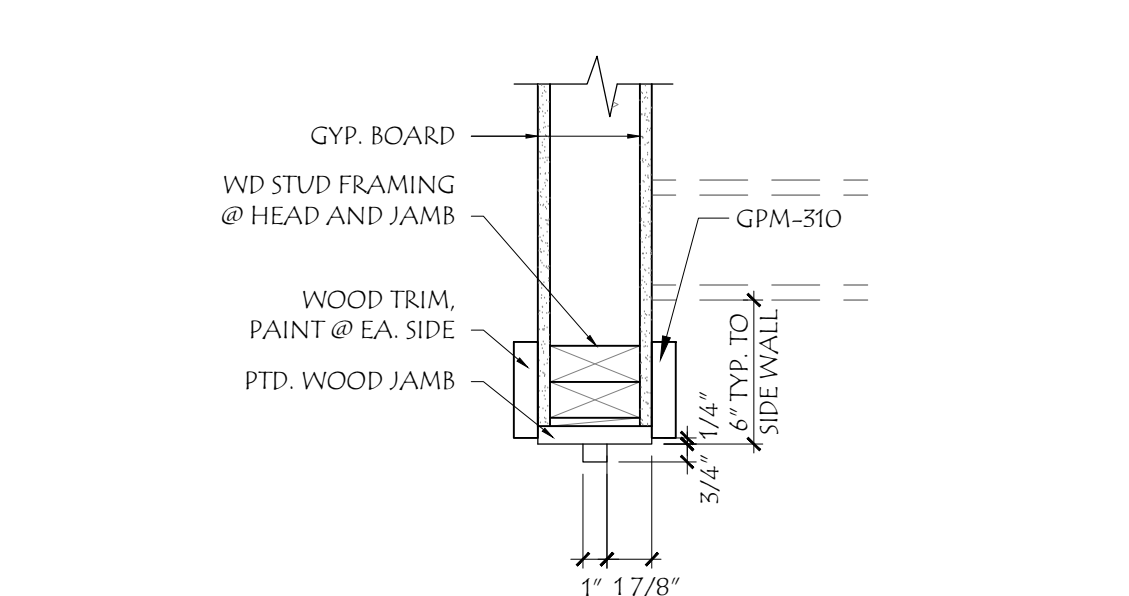
7 HM HEAD DETAIL
1 1/2" = 1'-0"



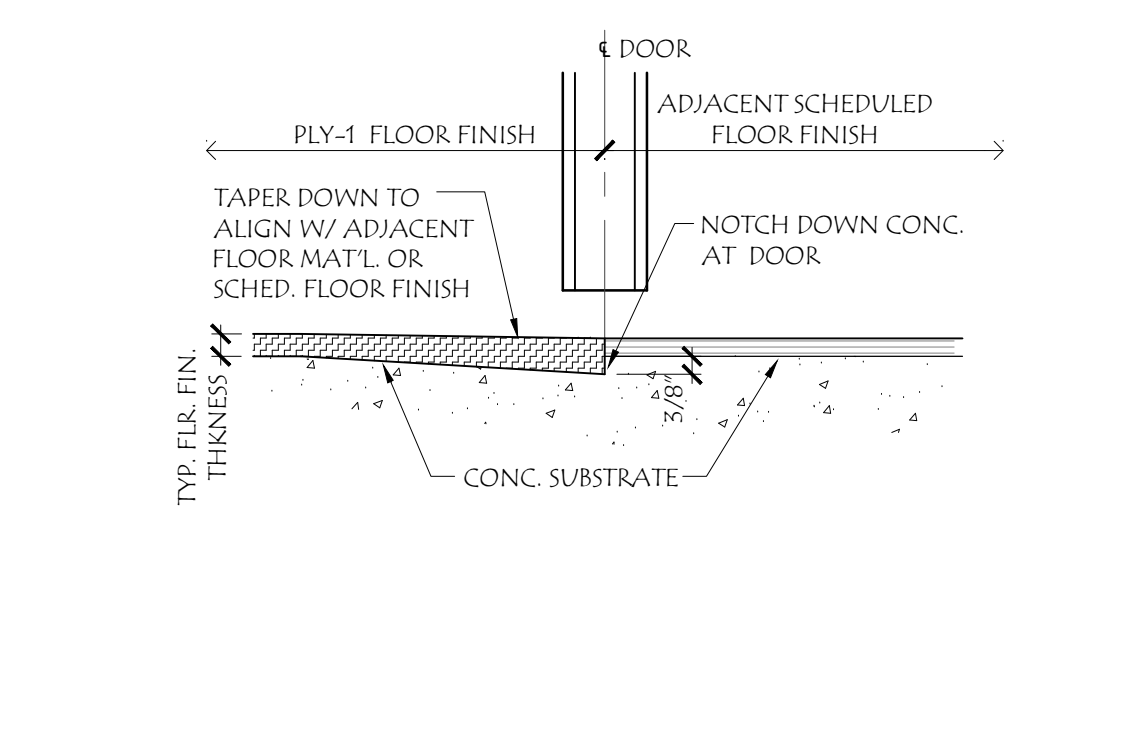
8 HM JAMB DETAIL
1 1/2" = 1'-0"



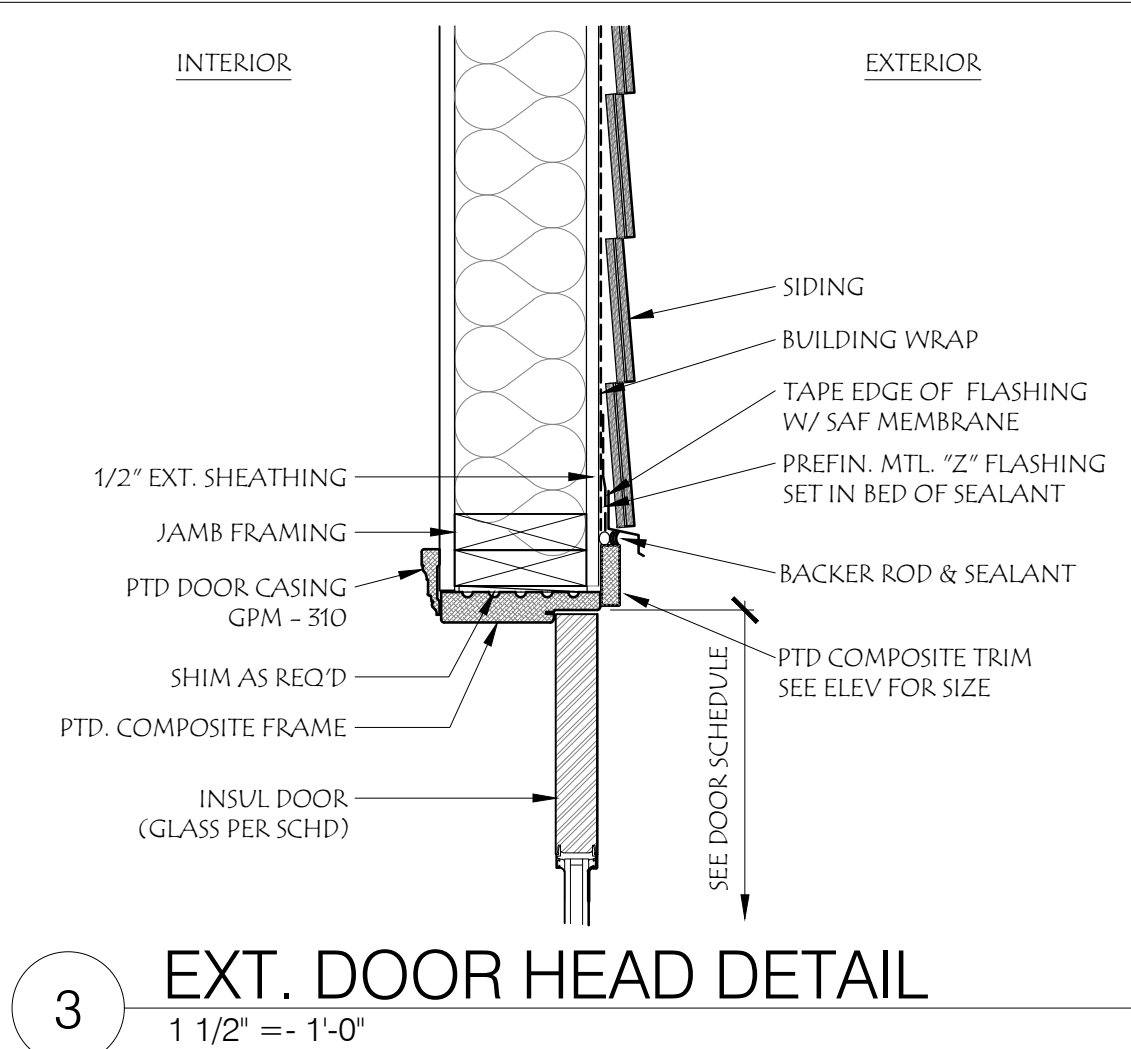
5 HM HEAD/JAMB DETAILS
1 1/2" = 1'-0"



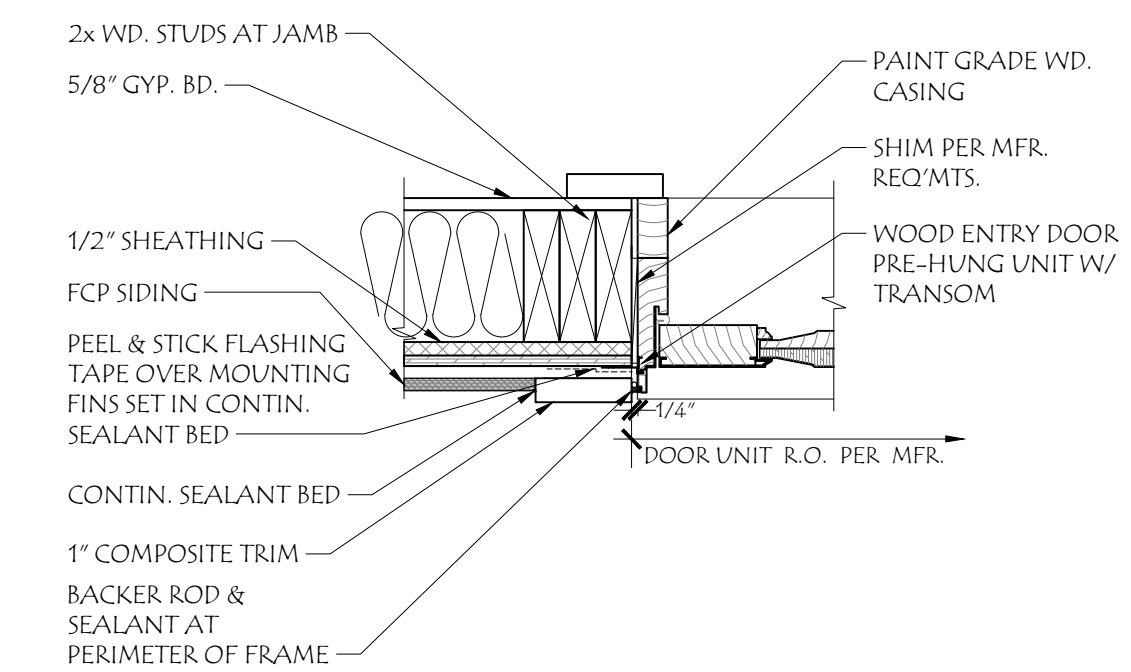
4 WOOD HEAD/JAMB DETAILS
1 1/2" = 1'-0"



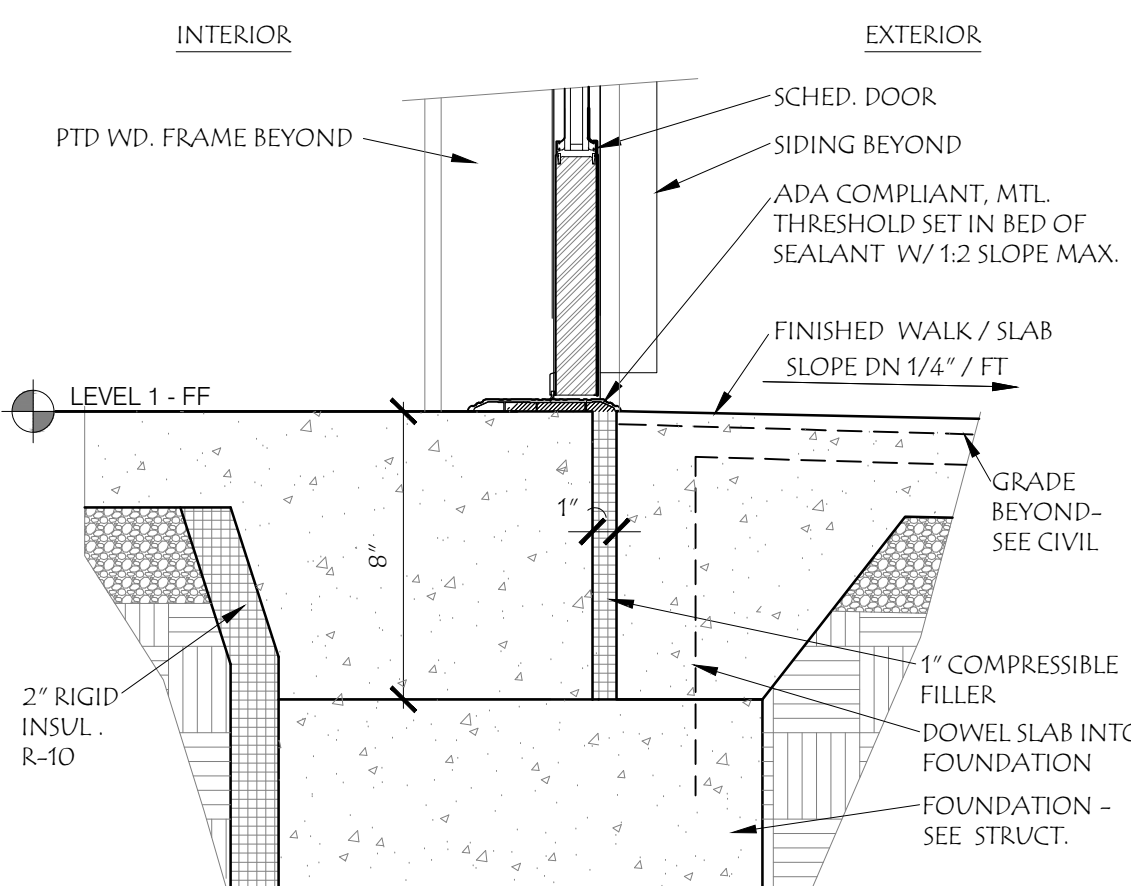
9 SILL DETAIL
3" = 1'-0"



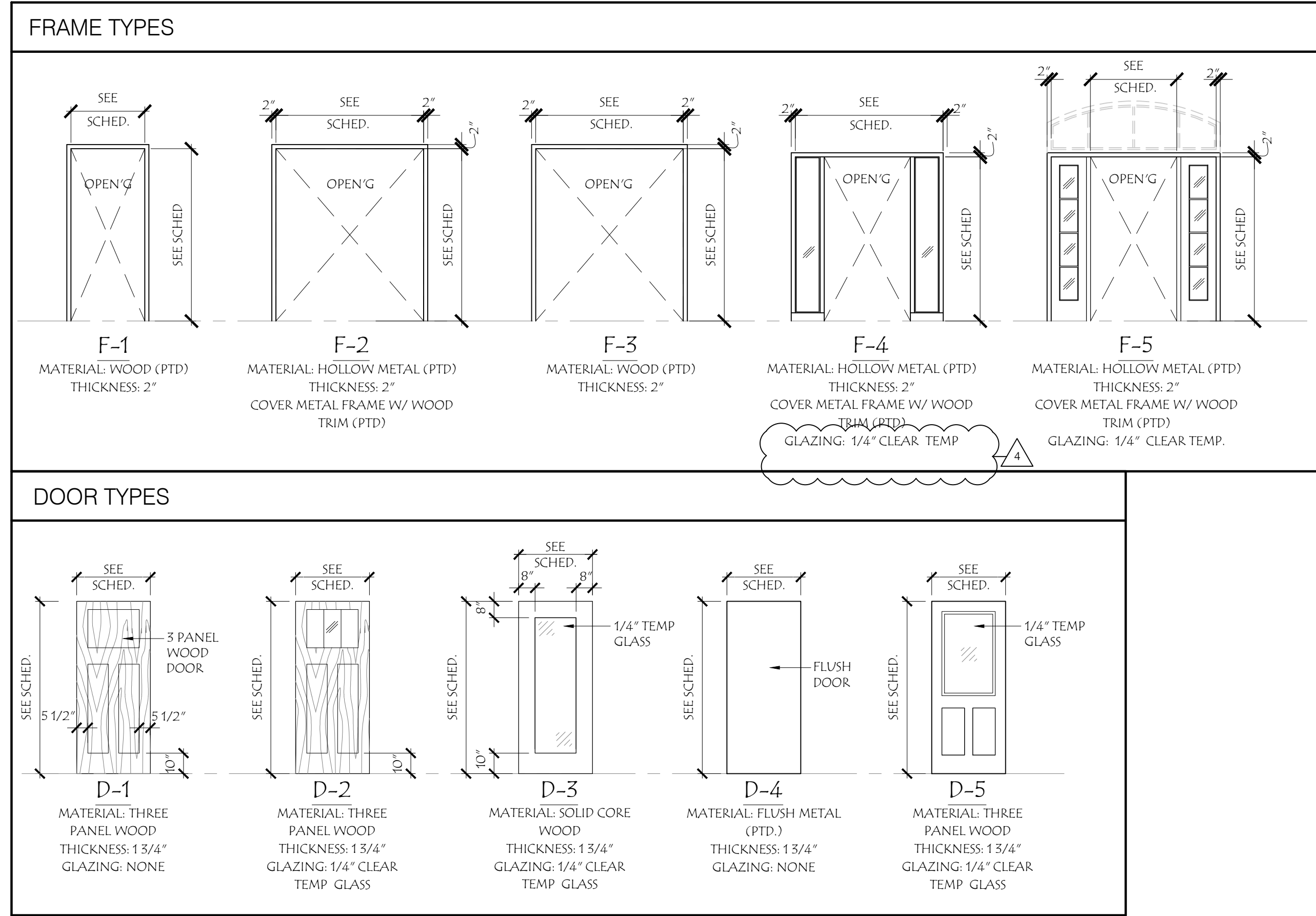
3 EXT. DOOR HEAD DETAIL
1 1/2" = 1'-0"



2 ENTRY DOOR JAMB
3" = 1'-0"



1 EXT. SILL DETAIL
1 1/2" = 1'-0"

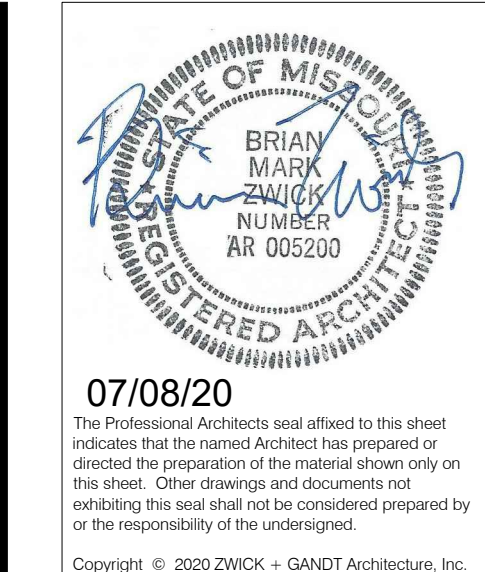


GROUP 1A: ENTRANCE	
(15) PR BR HINGES	(1) ENTRY LEVER / LOCKSET
(1) ADA THRESHOLD	(1) KICK PLATE (PUSH SIDE)
(1) WEATHER STRIPPING	
GROUP 1B: ENTRANCE	
(15) PR BR HINGES	(1) ELECTRIFIED ENTRY LEVER LOCKSET W/ KEYPAD ACCESS & DELAYED EGRESS
(1) MAGNETIC LOCKS	(1) ADA THRESHOLD
(1) KICK PLATES (PUSH SIDE)	
(1) WEATHER STRIPPING	
GROUP 2: CLOSET / LINEN	
(15) PR HINGES	(1) STOREROOM LEVER LOCKSET
GROUP 3: EGRESS	
(15) PR BR HINGES	(1) ENTRY LEVER LOCKSET
(1) ADA THRESHOLD	(1) KICK PLATE (PUSH SIDE)
(1) WEATHER STRIPPING	
GROUP 5: PRIV. DINING & LOUNGE	
(15) PR BR HINGES	(1) PASSAGE LEVER SET
(1) WALL STOP	(1) KICK PLATE
(5) SILENCERS	
GROUP 6: KITCHEN	
(15) PR HINGES	(1) PASSAGE LEVER SET
(1) SELF-CLOSING DEVICE	(1) KICK PLATE (PUSH SIDE)
(3) SILENCERS	(1) DEADBOLT INSTALLED BELOW PASSAGE SET
GROUP 7: PANTRY / STORAGE / LAUNDRY	
(15) PR BR HINGES	(1) STOREROOM LEVER LOCKSET
(1) KICK PLATE	(5) SILENCERS
GROUP 8: RESTROOM	
(15) PR BR HINGES	(1) HOSPITAL BUZZER LEVER LOCKSET
(1) KICK PLATE (PUSH SIDE)	(5) SILENCERS
GROUP 9: MECHANICAL	
(15) PR BR HINGES	(1) STOREROOM LEVER LOCKSET
(5) SILENCERS	
GROUP 10: HALLWAY	
(15) PR HINGES	(1) STOREROOM LEVER LOCKSET
(1) WALL STOP	
GROUP 11: BEDROOM	
(15) PR BR HINGES	(1) HOSPITAL BUZZER LEVER SET
(1) WALL STOP	(1) KICK PLATE (PUSH SIDE)
(5) SILENCERS	
GROUP 12: OFFICE	
(15) PR BR HINGES	(1) OFFICE LEVER LOCKSET
(1) KICK PLATE	(5) SILENCERS
GROUP 13: STOREROOM	
(15) PR HINGES	(1) STOREROOM LEVER LOCKSET
(1) WALL STOP	
GROUP 14: BATH	
(15) PR BR HINGES	(1) STOREROOM LEVER LOCKSET
(1) WALL STOP	
GROUP 15: CLOSET	
(15) PR HINGES	(1) STOREROOM LEVER LOCKSET
(1) WALL STOP	
GROUP 16: ENTRY	
(15) PR BR HINGES	(1) ENTRY LEVER LOCKSET
(1) ADA THRESHOLD	(1) KICK PLATE (PUSH SIDE)
(1) WEATHER STRIPPING	

DOOR SCHEDULE									
DOOR NO.	DOOR TYPE	SIZE	FRAME TYPE	HARDWARE	DETAILS			LABEL	REMARKS
					HEAD	JAMB	SILL		
MAIN FLOOR									
100A	D-2	3'-6" X 6'-8"	F-5	1A	3/A9.00	2/A9.00	1/A9.00		

DOOR SCHEDULE REMARKS	
1	PTD. WOOD FRAME WIDTH MATCHING WALL THICKNESS. APPLY PAINTED TRIM OVER WOOD FRAME; SEE A9.05 FOR TRIM PROFILES.
2	PROVIDE HARDWOOD EDGING AT PERIMETER OF DOOR.
3	NOT USED.
4	NO WOOD TRIM. FRAME WIDTH IS 1" WIDER THAN SCHEDULED PARTITION.
5	DOORS UNLOCK UPON ACTIVATION OF THE AUTOMATIC SPRINKLER SYSTEM.
6	THE DOORS UNLOCK UPON LOSS OF POWER CONTROLLING THE LOCK OR LOCK MECHANISM.
7	NOT USED.
8	A SIGN SHALL BE PROVIDED ON THE DOOR LOCATED ABOVE & WITHIN 12 INCHES OF THE RELEASE DEVICE READING: PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 30 SECONDS. (PENDING ST. LOUIS COUNTY APPROVAL OF REQUEST)
9	THE INITIATION OF AN IRREVERSIBLE PROCESS WHICH WILL RELEASE THE LATCH IN NOT MORE THAN 30 SECONDS WHEN A FORCE OF NOT MORE THAN 15 POUNDS IS APPLIED FOR 1 SECOND TO RELEASE DEVICE. INITIATION OF THE IRREVERSIBLE PROCESS SHALL ACTIVATE AN AUDIBLE SIGNAL IN THE VICINITY OF THE DOOR. ONCE THE DOOR LOCK HAS BEEN RELEASED BY THE APPLICATION OF FORCE TO THE RELEASING DEVICE, RELOCKING SHALL BE BY MANUAL MEANS ONLY. (30 SECOND DELAY IS PENDING APPROVAL OF REQUEST BY ST. LOUIS COUNTY).
10	EMERGENCY LIGHTING & MEANS OF EGRESS ILLUMINATION SHALL BE PROVIDED AT THE DOOR. INCLUDE 90 MINUTE MIN. BATTERY BACK-UP POWER.
11	DOORS TO BE SMOKE & DRAFT CONTROL RATED.

DOOR SCHEDULE GENERAL NOTES	
1.	SPECIES OF ALL WOOD DOORS TO BE PLAIN RED OAK.
2.	ALL DOORS TO USE STANDARD LEVER TYPE HARDWARE THAT MEETS ACCESSIBILITY REQUIREMENTS.
3.	ALL MEANS OF EGRESS DOORS SHALL BE OPERABLE FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE WITHOUT THE USE OF SPECIAL KNOWLEDGE, SPECIAL EFFORT, OR A KEY.
4.	CONTRACTOR TO VERIFY ALL HARDWARE, OPERATION AND KEYING OF DOOR FUNCTIONS WITH OWNER PRIOR TO PURCHASING.
5.	CONTRACTOR TO VERIFY ALL ELECTRICAL DOOR DEVICES (INCLUDING DOOR BUZZER SYSTEM WITH OWNER PRIOR TO PURCHASING).
6.	ALL APPLICABLE LOCKS TO HAVE INTERCHANGEABLE CORE FOR EASY RE-KEYING.



07/08/20
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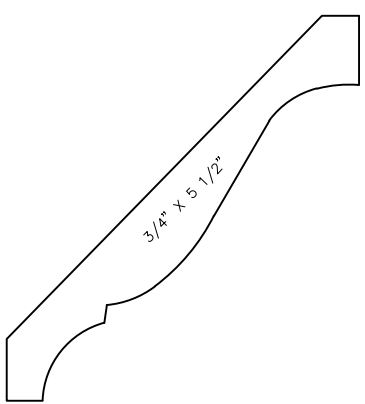
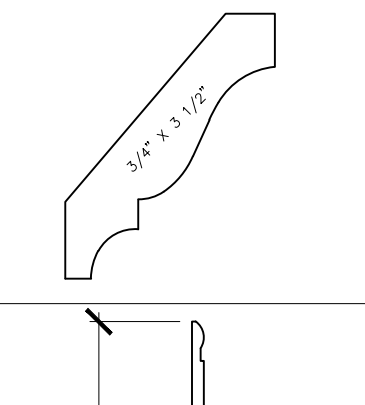
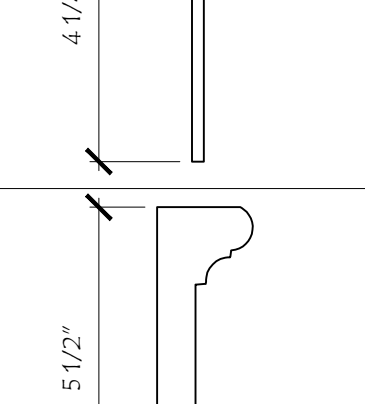
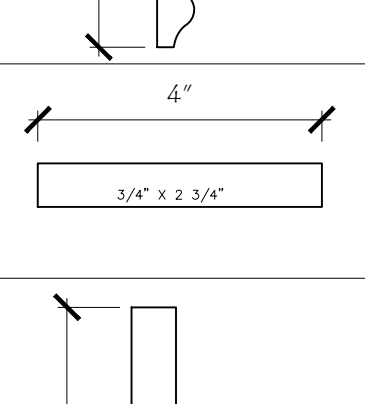
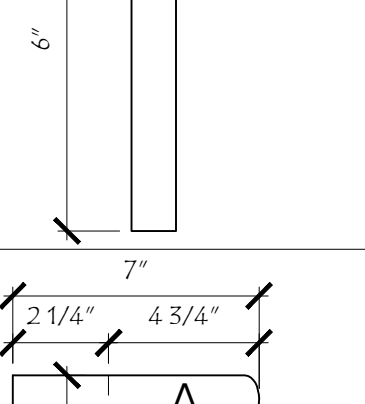
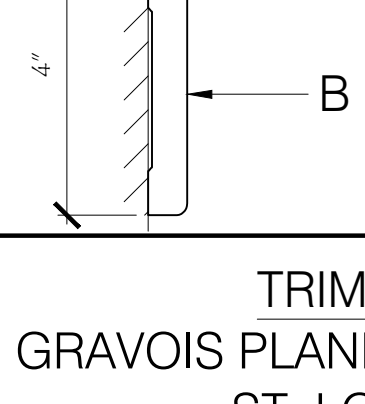
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BID PACKAGE	02/12/20
ADDENDUM #1	02/25/20
MO. DHSS COMMENTS	05/13/20
COUNTY PLAN REVIEW	05/19/20
COUNTY PLAN REVIEW	06/22/20
MOD. DOCUMENT #1	07/08/20

PROJECT NUMBER:
19049.00

DOOR SCHEDULE

A9.00

INTERIOR WOOD & COMPOSITE TRIM SCHEDULE		
WD. PROFILE	GPM #	LOCATION
	GPM-121 PT GRADE WOOD -INT., COMPOSITE- EXT.	CROWN MOLD #1 INTR. PTD. TO MATCH INTERIOR BASE EXTR. PTD TO MATCH WHITE TRIM
	GPM-58 PT GRADE WOOD -INT., COMPOSITE- EXT.	CROWN MOLD #2 INTR. PTD. TO MATCH INTERIOR BASE INTR. PTD TO MATCH WHITE TRIM
	----	TYP. VINYL WALL BASE PV4085 #85 FASHION ROPPE CONTOURS WHITE
	◇ DCAS5	TYP. CHAIR RAIL GARDEN STATE LUMBER, DESIGNER COLLECTION, PRIMED POPLAR
	◇ S4S 3/4" X 4"	WINDOW & DOOR JAMB & SILL CASING W/ PT. GR. WOOD
	◇ S4S 1" x 6"	TYP. HEAD TRIM ALONG DOOR CASINGS & WINDOW HEADS
	◇ A: WM1021, 11/16" x 4 3/4" ◇ B: LWM-410	TYP. WINDOW SILL ALONG WINDOW SILLS WM1021 FLAT STOOL, GARDEN STATE LUMBER, PRIMED PINE
TRIM PROFILES REFERENCED BY: GRAVOIS PLANNING MILL COMPANY, 3026 JUNIATA ST ST. LOUIS, MO. 63118. 314-776-2800 http://www.gravoisplaningmill.com/ "◇" GARDEN STATE LUMBER, 22 MULLER RD OAKLAND, NJ. 07436. 800-526-4708 https://www.gardenstatelumber.com/		

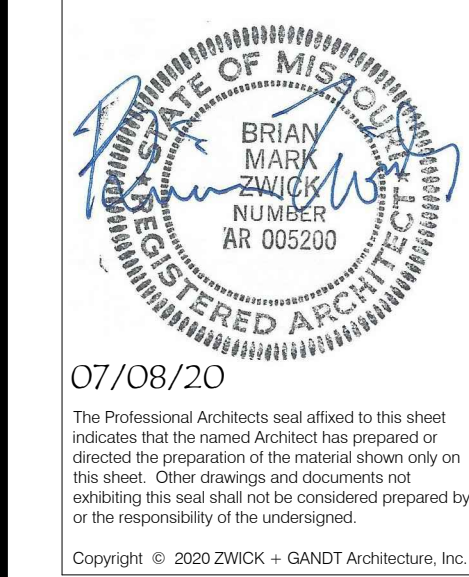
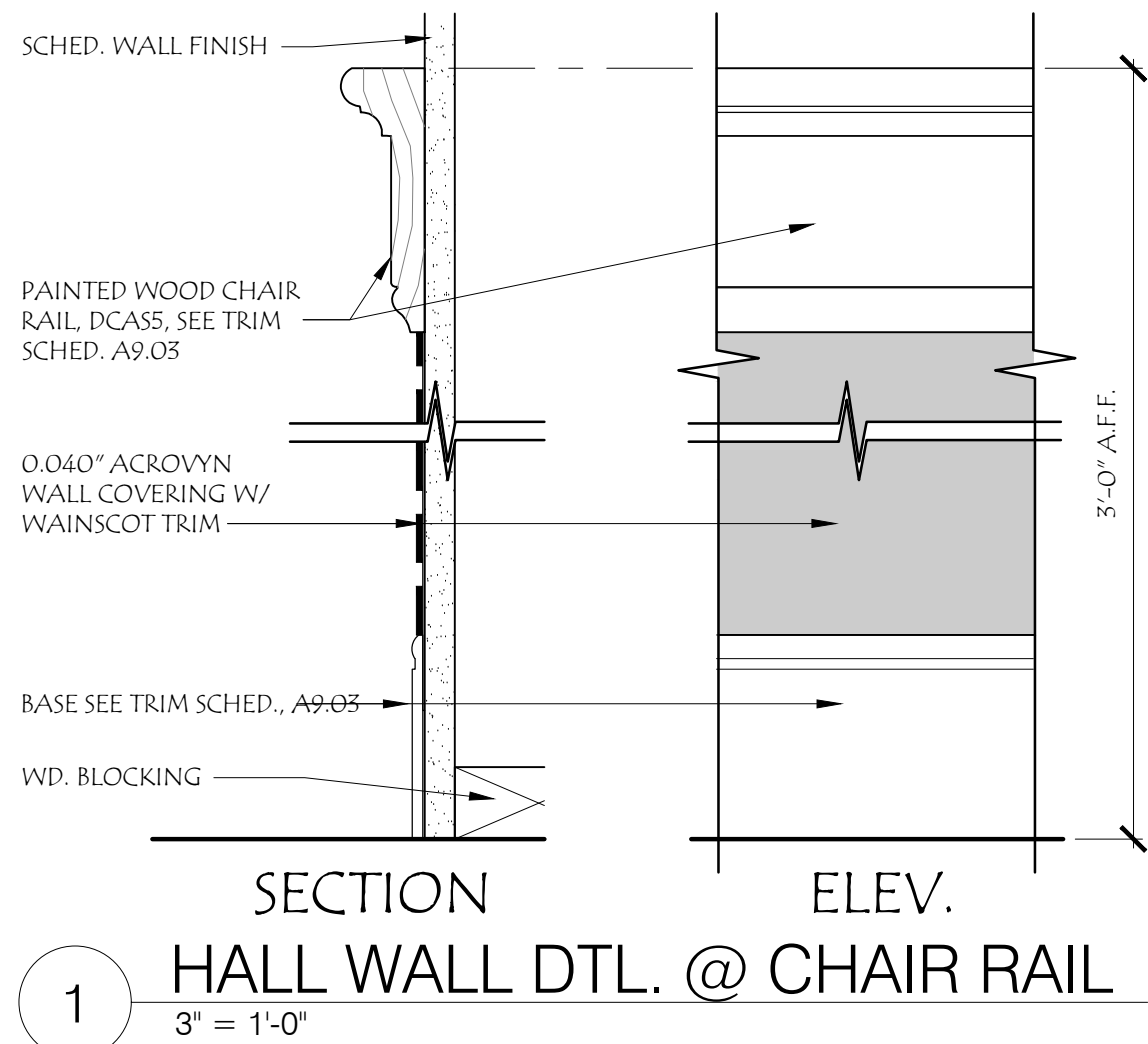
ROOM FINISH GENERAL NOTES	
COORDINATION: 1. TRANSITION STRIPS ARE LABELED AS "TS-X" WHERE "X" DENOTES THE TRANSITION STRIP BETWEEN TWO CONDITIONS. REFER TO A10.01 FOR FLOOR TRANSITION STRIP DETAILS.	
2. PORTIONS OF EXISTING BUILDING ARE CONSTRUCTED WITH NEW FINISHES OVER EXISTING CONCRETE SLAB. DRAINS ARE TO BE REMOVED AND CAPPED. OUTLETS, CONDUITS AND OTHER DEVICES ARE TO BE REMOVED, EXISTING SLOPED FLOORS AND RECESSES ARE ALL TO BE FILLED LEVEL AND SMOOTH ACCEPTABLE FOR THE MANUFACTURER OF THE NEW SCHEDULED FINISH.	
3. AT ALL LOCATIONS WHERE CERAMIC TILE ADJOINS ANOTHER FLOORING MATERIAL, PROVIDE CONTINUOUS SCHLUTER METAL EDGING TO PROTECT THE TILE EDGE FROM CRACKING. METAL EDGE TO MATCH TILE THICKNESS. FINISH TO BE SELECTED BY ARCHITECT.	
4. NO "BLACK" ADHESIVES WILL BE ALLOWED FOR FLOORING MATERIALS.	
5. LOCATE CONTROL JOINTS IN PORCELAIN OR CERAMIC TILE AS REQUIRED BY MANUFACTURER.	
6. PROVIDE REDUCER OR TRANSITION STRIPS AT FLOORING MATERIALS OF DIFFERENT THICKNESS. PROVIDE SOLID VINYL REDUCER/TRANSITION STRIPS AT ALL CARPET/VTC, CARPET/CONC. & VCT/CONC. TRANSITIONS EQUAL TO JOHNSTONE CARPETS .	
7. ALL MATERIALS ON THIS PROJECT MUST BE INSTALLED BY LICENSED, EXPERIENCED AND/OR APPROVED INSTALLERS OF THAT PRODUCT/ MATERIAL AND A MINIMUM 5 YEARS EXPERIENCE IN GOOD STANDING BY THE MANUFACTURER OF THAT PRODUCT/ MATERIAL (NO EXCEPTIONS). ALL INSTALLERS MUST BE FULLY AWARE OF: 7.1. THE MANUFACTURER'S INTENDED DESIGN LIMITATIONS/ PURPOSE AND USE OF THE MATERIAL BEING INSTALLED AND THE LATEST PUBLISHED INSTALLATION INSTRUCTIONS. 7.2. SUBSTRATE REQUIREMENTS OR USE OF THE THIS MATERIAL IN CONJUNCTION WITH OTHER ADJACENT MATERIALS AND SUBSTRATES. 7.3. NO PRODUCT IS TO BE ORDERED OR INSTALLED THAT DOES NOT MEET OR EXCEED THE LATEST PUBLISHED CONDITIONS FOR HANDLING & INSTALLATION BY THE MANUFACTURER. 7.4. ANY DISCREPANCIES BETWEEN THE DOCUMENTS AND THE EXISTING CONDITIONS, SUBSTRATES, OR FINAL INSTALLATION ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCING WORK.	
CONSTRUCTION PREPARATION: 8. ALL EXISTING CONCRETE SLABS ARE TO BE SANDED OR GROUND SMOOTH REMOVING ADHESIVES, MASTICS AND/ OR DEFORMITIES AS REQUIRED IN PREPARATION OF NEW SCHEDULED FLOOR FINISHES.	
9. DUE TO VCT TILE AND CARPET FLOORS EASILY SHOWING DEVIATIONS, SUB-CONTRACTOR TO INSPECT SUBSTRATE CONDITIONS AND IDENTIFY ANY NEEDED CORRECTIONS PRIOR TO INSTALLATION OF ANY NEW MATERIALS TO ENSURE FLOOR IS SMOOTH AND LEVEL.	
10. PROVIDE CRACK BRIDGING MEMBRANE BELOW ALL TILE FLOORS AT ALL CONTROL JOINTS, CONSTRUCTION JOINTS, EXISTING SLAB CRACKS OR OTHERS LOCATIONS, REQUIRED BY FLOORING MANUFACTURER TO MAINTAIN WARRANTY OF SCHEDULED MATERIALS.	
11. PATCH ALL WALLS TO REMAIN AS REQUIRED WHERE EXISTING DEVICES HAVE BEEN REMOVED. CMU WALLS ARE TO BE PATCHED WITH CMU AND MORTAR MATCHING EXISTING FINISH AND TEXTURE. GYPSUM BOARD WALL ARE TO BE PATCHED WITH STUDS, BOARD AND FINISH MATERIALS AS REQ'D.	
12. FLOAT ALL FLOORS AS NECESSARY EACH SIDE OF DIFFERING FLOOR MATERIALS AND/ OR DIFFERENT THICKNESS TO PROVIDE A SMOOTH UNDETECTABLE TRANSITION AND ALIGNING TOP SURFACES OF EACH DIFFERING MATERIAL. INSTALL EDGING OR TRANSITION STRIPS PER DOCUMENTS.	
13. PROVIDE WOOD BLOCKING OR STEEL FRAMING PLATES, STRAPS, ETC. IN GYPSUM BOARD PARTITIONS FOR SUPPORT OF ALL WALL MOUNTED DEVICES AND EQUIPMENT INCLUDING BUT NOT LIMITED TO WALL CABINETS, MARKER AND TAGBOARDS, HANDRAILS, WOOD TRIM, SHELVING, TOILET ACCESSORIES, MECHANICAL/ ELECTRICAL/ PLUMBING & FIRE PROTECTION EQUIPMENT AND DEVICES AS WELL AS OWNER FURNISHED ITEMS.	
14. PORTIONS OF EXISTING SLOPING SLAB OR SLAB RECESSES TO REMAIN ARE TO BE FILLED WITH FLOOR LEVELING MATERIALS COMPATIBLE WITH NEW SCHEDULED FLOORING. ANY FLOOR DRAINS TO BE CAPPED OFF BELOW FLOOR PRIOR TO INSTALLATION OF NEW FLOOR FILLING.	
15. ALL INTERIOR FINISHES AND INSULATION SYSTEMS TO HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 450.	
16. SEE SPECIFICATIONS FOR LEED CRITERIA AND CREDITS AS PART OF THIS PROJECT TO OBTAIN CERTIFICATION.	

MATERIAL / PRODUCT REP CONTACT INFORMATION	
JAY BEFFA - SALES EXECUTIVE FORBO FLOORING NA HUMBOLDT INDUSTRIAL PARK 8 MARLBWOOD DR. - P.O. BOX 667 HAZELTON, PA 16802	PHONE: 314 - 287 - 9499 EMAIL: JAY.BEFFA@FORBO.COM

ROOM FINISH SCHEDULE										
NO.	ROOM NAME	FLOORING	BASE FINISH	WALLS				CEILING		REMARKS
				NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	FINISH	HEIGHT	
100	ENTRY	CPT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		1, 7
100A	STORAGE	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
101	FOUR SEASON ROOM	SLT-1	B-1	SL-1	SL-1	SL-1	SL-1	PT-2		7, 9
102	NOT USED	-	-	-	-	-	-	-		
103	LIVING ROOM	CPT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		3, 7, 10
104	DINING	LVT-1	B-1	-	PT-1	PT-1	PT-1	PT-2		4, 7
105	KITCHEN	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		9, 10
106	PANTRY	CONC.	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
107A	PRIVATE DINING ROOM "A"	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		10
107A	CLOSET	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
107B	PRIVATE DINING ROOM "B"	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		10
107B	CLOSET	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
108	BATHROOM #1	PLY-1 (PLY-2)	PLY-1	PT-1	PT-1	PT-1	PT-1	PT-2		8, 9, 11, 10
108A	LINEN	PLY-1	PLY-1	PT-1	PT-1	PT-1	PT-1	PT-2		12
109	JANITOR	CONC.	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		6
110	LAUNDRY	CONC.	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
111	BATHROOM #2	PLY-1 (PLY-2)	PLY-1	PT-1	PT-1	PT-1	PT-1	PT-2		8, 9, 11, 10
111A	LINEN	PLY-1	PLY-1	PT-1	PT-1	PT-1	PT-1	PT-2		12
112	MECHANICAL / ELECTRICAL	CONC.	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
113	BEDROOM 7	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
114	BEDROOM 8	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
115	BEDROOM 9	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
116	BEDROOM 10	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
117	BEDROOM 11	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
118	BEDROOM 12	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
119	BEDROOM 1	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
120	BEDROOM 2	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
121	BEDROOM 3	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
122	BEDROOM 4	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
123	BEDROOM 5	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
124	BEDROOM 6	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
125	STORAGE	CONC.	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
126	BATHROOM #4	PLY-1 (PLY-2)	PLY-1	PT-1	PT-1	PT-1	PT-1	PT-2		8, 9, 11, 10
126A	LINEN	PLY-1	PLY-1	PT-1	PT-1	PT-1	PT-1	PT-2		12
127	OFFICE	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
127A	STORAGE	CONC.	B-1	PT-1	PT-1	PT-1	PT-1	PT-2		
128	BATHROOM #5	PLY-1 (PLY-2)	PLY-1	PT-1	PT-1	PT-1	PT-1	PT-2		8, 9, 11, 10
128A	LINEN	PLY-1	PLY-1	PT-1	PT-1	PT-1	PT-1	PT-2		12
129	HALL	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	CLG-1		2, 5, 7
130	HALL	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	CLG-1		2, 5, 7
131	HALL	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	CLG-1		2, 5, 7
132	HALL	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	CLG-1		2, 5, 7
133	HALL	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	CLG-1		2, 5, 7
-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-		

MATERIALS FINISH LEGEND						
DENOTATION	MANUFACTURER	STYLE	NUMBER/COLOR	SIZE	CONTACT	REMARKS
AC-1	MERMAID SHOWER KIT	4 MM ACRYLIC	SELECTED FROM AVAILABLE COLORS			AT SHOWER WALLS, W/ INTEGRAL CORNERS & END CAPS
B-1	ROPPE	TRADITIONAL COVE BASE #PV6085	WHITE	5 1/2"		SEE A5.00
CG	INPRO CORPORATION	FLEXIBLE CORNER GUARDS	TBD	2" WINGS		4" TALL FINISH TO CLOSELY MATCH WALL COVERING
CLG-1	ARMSTRONG	GIRLUS SECOND LOOK	TBD	2" X 4"		SCORED REGULAR
CONC						SEALED CONCRETE
CPT-1	FORBO FLOORING SYSTEM	FLOTEX - JOURNEYS	SELECTED FROM AVAILABLE COLORS			
CPT-2	NOT USED	-----	-----			-----
PLY-1	DESICO	GRANITE SERIES				4" COVE BASE & FLOOR SEE B/A4.00
PLY-2 (ALT. #5)	FORBO FLOORING SYSTEM	ETERNAL STEP SR AQUA W/ WET SET ADHESIVE				4" COVE BASE & FLOOR
LVT-1	FORBO	ETERNAL STEP / WOOD	SELECTED FROM AVAILABLE COLORS			
PLAM-1	WILSONART	TO BE SELECTED	TO BE SELECTED			COUNTER & CABS BACK OF HOUSE
PT-1	SHERWIN WILLIAMS	INTERIOR LATEX - EGG SHELL	-			-
PT-2	SHERWIN WILLIAMS	INTERIOR LATEX - FLAT	-			-
PT-3	SHERWIN WILLIAMS	INTERIOR LATEX - SEMI-GLOSS	-			WOOD TRIM PAINT
SL-1	SHIPLAP SIDING			----		
SS-1	GRADE "B" SOLID SURFACE	ANTI-MICROBIAL	BATHROOM - WHITE, GRAY OR BLUE	----		BATHROOM COUNTERS
SS-2	GRADE "B" SOLID SURFACE	ANTI-MICROBIAL	KITCHEN - WHITE, GRAY OR BLUE	----		KITCHEN, DINING RM. & PRIVATE DINING RM. COUNTERS
SV-1	TEKNOFLOR/SHANNON	MOUNTAINSCAPES				
VP-1	INPRO CORPORATION	PALLADIUM RIGID SHEET	TBD	0.040" THICK		FINISH TO RESEMBLE WALL COVERING
CT-1	CERAMIC TILE	WALL TILE AT KITCHEN	-----			
SLT-1	FORBO FLOORING SYSTEMS	MODULAR SLATE	T45745	10"x20"		

ROOM FINISH SCHEDULE REMARKS	
1	PAINT COLUMNS WALL COLOR.
2	INSTALL ACROVYN WAINSCOT & TRIM UP TO CHAIR RAIL HEIGHT.
3	CPT-1 INSET - SEE FLOOR PLAN
4	PROVIDE ACROVYN WALL PROTECTION & TRIM FROM UNDERSIDE OF COUNTERTOP TO TOP OF BASE.
5	SEE DETAIL 1/A9.05 FOR ALL WALLS.
6	PROVIDE 4 FOOT HIGH WHITE PEBBLE FINISH FRP PANELS ON SOUTH AND WEST WALLS W/ TOP TRIM ABOVE MOP SINK.
7	PROVIDE CG (CORNER GUARDS) WHERE INDICATED.
8	POLYMER FLOOR & 4" HIGH INTEGRAL COVE BASE. SEE B/A4.00
9	WITH 1X EDGE TRIM
10	PRE-FINISHED WOOD CABINETS
11	AC-1 AT SHOWER WALLS
12	SEE TYPICAL POLYMER BASE 9 / A4.00
13	WITH CARPET INSET



07/08/20

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FINISH SCHEDULE

A9.03

SOUND CONTROL NOTES FOR HOUSING

THESE NOTES AND DETAILS DESCRIBE THE ACOUSTICAL ELEMENTS OF ASSEMBLIES THAT MUST COMPLY WITH THE STC/ICC REQUIREMENTS OF THE BUILDING CODE. THEY MAY NOT BE REQUIRED AT EVERY ASSEMBLY IN THE PROJECT. NON-RATED ASSEMBLIES AND ASSEMBLIES THAT DO NOT SEPARATE OCCUPANCIES, DWELLING UNITS, AND/OR COMMON AREAS FROM EACH OTHER WOULD BE EXEMPT, UNLESS OTHERWISE NOTED. THESE REQUIREMENTS SHALL BE FOLLOWED IN CONJUNCTION WITH THE RATED ASSEMBLY SHEETS, ALL DETAILS, AND SPECIFICATIONS TO MAINTAIN BOTH SOUND CONTROL AND REQUIRED FIRE RATINGS. ADVISE THE ARCHITECT IMMEDIATELY IN WRITING, IF ANY INCONSISTENCIES OR DISCREPANCIES EXIST PRIOR TO THE START OF CONSTRUCTION.

DEFINITIONS:
SOUND TRANSMISSION CLASS (STC), A SINGLE NUMBER RATING FOR EVALUATING EFFICIENCY OF CONSTRUCTIONS IN ISOLATING AIRBORNE SOUND TRANSMISSION. THE HIGHER THE STC RATING THE MORE EFFICIENT THE CONSTRUCTION. STC MEASURES THE ABILITY OF A WALL OR FLOOR ASSEMBLY TO ISOLATE AIRBORNE AND PREVENT IT FROM PASSING FROM ONE SIDE TO THE OTHER. THE MINIMUM INTERNATIONAL BUILDING CODE REQUIREMENT IS 50 STC, PER ASTM E90.

IMPACT INSULATION CLASS (IIC), A SINGLE NUMBER RATING DEVELOPED BY THE FEDERAL HOUSING ADMINISTRATION TO ESTIMATE THE IMPACT SOUND INSULATION OF FLOOR/CEILING SYSTEMS. IIC MEASURES THE ABILITY OF A FLOOR/CEILING ASSEMBLY TO ISOLATE SOUND TRANSMITTED FROM FOOTFALL AND OTHER IMPACT SOURCES THROUGH THE BUILDING STRUCTURE. THE MINIMUM INTERNATIONAL BUILDING CODE REQUIREMENT IS 50 IIC, PER ASTM E492.

AIRBORNE SOUND: SOUND, PRODUCED BY VIBRATING SOURCES THAT RADIATE SOUND DIRECTLY INTO THE AIR, WHICH IS TRANSMITTED THROUGH AIR AS A MEDIUM RATHER THAN THROUGH SOLIDS OR THE STRUCTURE OF THE BUILDING.

FLAKING PATHS: A WALL OR FLOOR/CEILING CONSTRUCTION THAT PERMITS SOUND TO BE TRANSMITTED ALONG ITS SURFACE OR ANY OPENING WHICH PERMITS DIRECT TRANSMISSION OF SOUND THROUGH THE AIR. THIS TYPICALLY OCCURS AT SMALL GAPS AND OPENINGS AROUND DOORS, TOP AND BOTTOM PLATES, ELECTRICAL BOXES, AND CONDUIT AND HVAC DUCTING WHICH ALLOW SOUND TO PASS THROUGH IF ACOUSTICAL SEALANT IS NOT USED. ALSO REFERRED TO AS "LEAKING PATHS".

A. MECHANICAL, ELECTRICAL, PLUMBING

1. METAL VENTILATING AND CONDITIONING AIR DUCTS LOCATED IN DEMISING ASSEMBLIES ARE TO BE LINED.
2. WIRE EACH BEDROOM AS A UNIT, AVOID PENETRATION OF WALLS BETWEEN BEDROOMS.
3. CAULK HOLES (MADE BY WIRING) IN DEMISING ASSEMBLIES, USE ELASTIC, NON-HARDENING CAULK OR DRY PACKING.
4. CONNECT VIBRATING EQUIPMENT WITH FLEXIBLE WIRING THAT SITS ON OR IS CONNECTED TO DEMISING ASSEMBLIES.
5. CUT HOLES IN DEMISING ASSEMBLIES NEATLY TO REDUCE LEAKS.
6. MAKE SURE ELECTRICAL OUTLETS ARE AIRTIGHT BY USING ELASTIC, NON-HARDENING SEALANT IN DEMISING ASSEMBLIES.
7. ELECTRICAL OUTLET BOXES IN OPPOSITE FACES OF DEMISING WALLS SHALL BE SEPARATED HORIZONTALLY BY 24".
8. MINIMUM BACK AND SIDES OF BOXES SHALL BE SEALED WITH 1/8" RESILIENT SEALANT. IF IT IS IMPOSSIBLE TO OFFSET ELECTRICAL OUTLETS, THEN INCREASE THE MASS OF THE BOX BY USING A PUTTY PACK, TV, TELEPHONE, AND INTERCOM OUTLETS MUST BE INSTALLED ACCORDINGLY. INSTALL PHONES, DOORKBELLS, INTERCOMS, AND OTHER NOISE MAKING EQUIPMENT ON INSULATED INTERIOR WALLS ONLY - NEVER ON DEMISING WALL.
9. ENSURE THAT OPENINGS AROUND BOXES LOCATED IN DEMISING ASSEMBLIES ARE SEALED AIR TIGHT.
10. INSTALL RECESSED LIGHT FIXTURES IN FUR DOWN LOCATIONS ONLY.
11. ISOLATE PIPING FROM STRUCTURES WITH RESILIENT PADS AND SLEEVES, THEN SEAL FOR AIR TIGHTNESS.
12. IF WATER HAMMER IS EVIDENT AT OR BEFORE THE TIME OF SUBSTANTIAL COMPLETION PROVIDE AIR CHAMBERS TO ELIMINATE WATER HAMMER DUE TO ABRUPT STOPPING OF FLOWING WATER.
13. CAULK ALL OPENINGS MADE IN DEMISING WALLS, FLOORS AND FRAMING FOR SUPPLY AND DRAIN LINES.
14. WATER CLOSETS TO BE RESILIENTLY MOUNTED WHEN SERVED BY DRAINS OR VENTS WHICH ARE INSTALLED WITHIN DEMISING ASSEMBLIES.
15. ALL RIGID CONDUIT, DUCTS PLUMBING PIPES AND APPLIANCE VENTS LOCATED IN DEMISING ASSEMBLIES SHALL BE ISOLATED FROM THE BUILDING CONSTRUCTION AT POINTS OF CONTACT BY MEANS OF RESILIENT SLEEVES, MOUNTS OR MINIMUM 1/4" THICK APPROVED RESILIENT MATERIAL.

- B. MEDICINE CABINETS
1. SEPARATE OR SURFACE MOUNT MEDICINE CABINETS MOUNTED ON DEMISING ASSEMBLIES OR INSTALL MEDICINE CABINETS ON INTERIOR PARTITIONS.
 2. INSULATE BEHIND MEDICINE CABINETS WHEN INSTALLED ON DEMISING ASSEMBLIES.

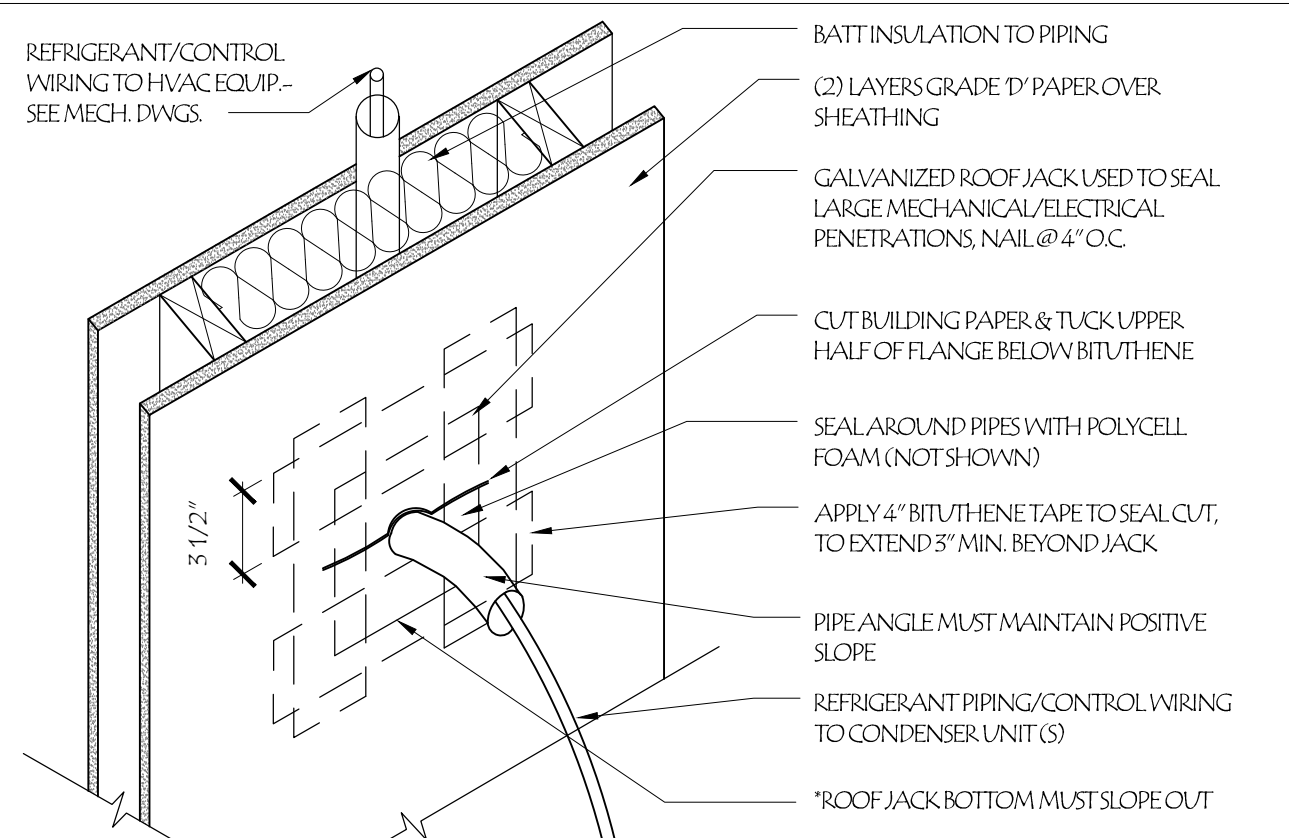
- C. PERIMETER SEALING
1. AT GROUND FLOOR LOCATIONS ON CONCRETE SLABS, INSTALL PLATES OF DEMISING ASSEMBLIES ON SILL SEALERS; RUN WALL FINISH TO FLOOR WHERE POSSIBLE AND CAULK AIRTIGHT ON BOTH SIDES.
 2. AT ELEVATED FLOOR LOCATIONS ON PLYWOOD DECKING, INSTALL SOUND DEAD MATERIAL BETWEEN SILL PLATES AND GYPSUM UNDER LAYMENT AND CAULK AIRTIGHT ON BOTH SIDES UNLESS INSTALLED PER DETAIL 14.
 3. USE A NON-HARDENING, PERMANENTLY RESILIENT ACOUSTIC SEALANT SUCH AS A BUTYL RUBBER-BASED COMPOUND ON BOTH SIDES OF THE DEMISING ASSEMBLY.
 4. USE JOINT TAPE AT JOINT LOCATIONS.
 5. FULLY SEAL THE LATCH SET ON ALL ENTRY DOORS.
 6. THE FOLLOWING LOCATIONS REQUIRE ACOUSTIC SEALING ALSO:
 - A. TOP AND BOTTOM PLATE PENETRATIONS BY PLUMBING AND ELECTRICAL
 - B. TURBOSHOWER ON OUTSIDE OR ATTIC WALL
 - C. TURBOSHOWER DRAIN LINE
 - D. WINDOW AND DOOR ROUGH OPENINGS
 - E. GAP BETWEEN EXTERIOR WALL FRAMING MEMBERS GREATER THAN 1/4"
 - F. RAND JOIST EXPOSED TO EXTERIOR - EXTERIOR SHEATHING WITH WRB MEETS THIS REQUIREMENT, PROVIDED ALL PENETRATIONS THROUGH THE BARRIER ARE SEALED PROPERLY.
 - G. RAND AREA EXPOSED TO UNCONDITIONED SPACE - EXTERIOR SHEATHING WITH WRB MEETS THIS REQUIREMENT, PROVIDED ALL PENETRATIONS THROUGH THE AIR BARRIER ARE SEALED PROPERLY.
 - H. RAND AREA BETWEEN FLOORS, CONDITIONED SPACE AND ATTIC - EXTERIOR SHEATHING WITH WRB MEETS THIS REQUIREMENT, PROVIDED ALL PENETRATIONS THROUGH THE AIR BARRIER ARE SEALED PROPERLY.
 - I. SEAM BETWEEN RIGID EXTERIOR SHEATHING - WRB MEETS THIS REQUIREMENT, PROVIDED ALL PENETRATIONS THROUGH THE AIR BARRIER ARE SEALED PROPERLY.
 - J. EXTERIOR WALL PENETRATIONS FOR REFRIGERATION LINES, CONDENSATE LINES, ETC.
 - K. ATTIC VENT HOLE
 - L. MECHANICAL EQUIPMENT AND DUCTWORK CHASES IN ATTICS, CRAWLSPACES
 - M. CEILING MOUNTED RECESSED LIGHTS, FANS, SPEAKERS, ETC. SEALED TO DRYWALL
 - N. CEILING/CRAWLSPACE HVAC BOOTS SEALED TO DRYWALL

- D. INSTALLATION INFORMATION
1. BOTTOM PLATE: APPLY A CONTINUOUS 5/8" ROUND BEAD OF SEALANT AT EACH SIDE OF THE BOTTOM PLATE BEFORE SETTING GYPSUM BOARD UNLESS INSTALLED PER DETAIL 14. GYPSUM BOARD SHALL BE SET INTO SEALANT TO FLOOR. COMPLETE CONTACT WITH ADJACENT MATERIALS DO NOT ALLOW THE GYPSUM BOARD TO SET DIRECTLY ON THE FLOOR.
 2. TOP PLATE: APPLY SEALANT AT TOP OF GYPSUM BOARD INTO THE JOINT TO PROVIDE FULL CONTACT BETWEEN THE BOARD AND THE STRUCTURE ABOVE.
 3. CUT-OUTS AND PERIMETER JOINTS: BACKS OF ELECTRICAL BOXES, PIPES, DUCT SYSTEMS, AND OTHER TYPES OF UTILITY EQUIPMENT PENETRATING WALL SURFACES OF DEMISING ASSEMBLIES ARE TO BE BUTTERED WITH SEALANT. ALL JOINTS AT PERIMETER EDGES INCLUDING ABRUTTING SURFACES AND CORNER JOINTS FORMED BY COMPONENTS SHALL BE SEALED WITH SEALANT.
 4. BATTS MAY BE FRICTION-FIT IN PLACE UNTIL THE INTERIOR FINISH IS APPLIED. INSTALL BATTS TO FILL ENTIRE STUD CAVITY. IF STUD CAVITY IS LESS THAN 36" IN HEIGHT, CUT LENGTHS TO FRICTION-FIT AGAINST FLOOR AND CEILING FRAMING TRACKS. WALLS WITH PENETRATIONS REQUIRE THAT INSULATION BE CAREFULLY CUT TO FIT AROUND OUTLETS, JUNCTION BOXES, AND OTHER IRREGULARITIES, WHERE INSULATION MUST EXTEND HIGHER THAN 8 FEET, SUPPLEMENTARY SUPPORT SHOULD BE INSTALLED TO HOLD INSULATION IN PLACE UNTIL THE INTERIOR FINISH IS APPLIED.

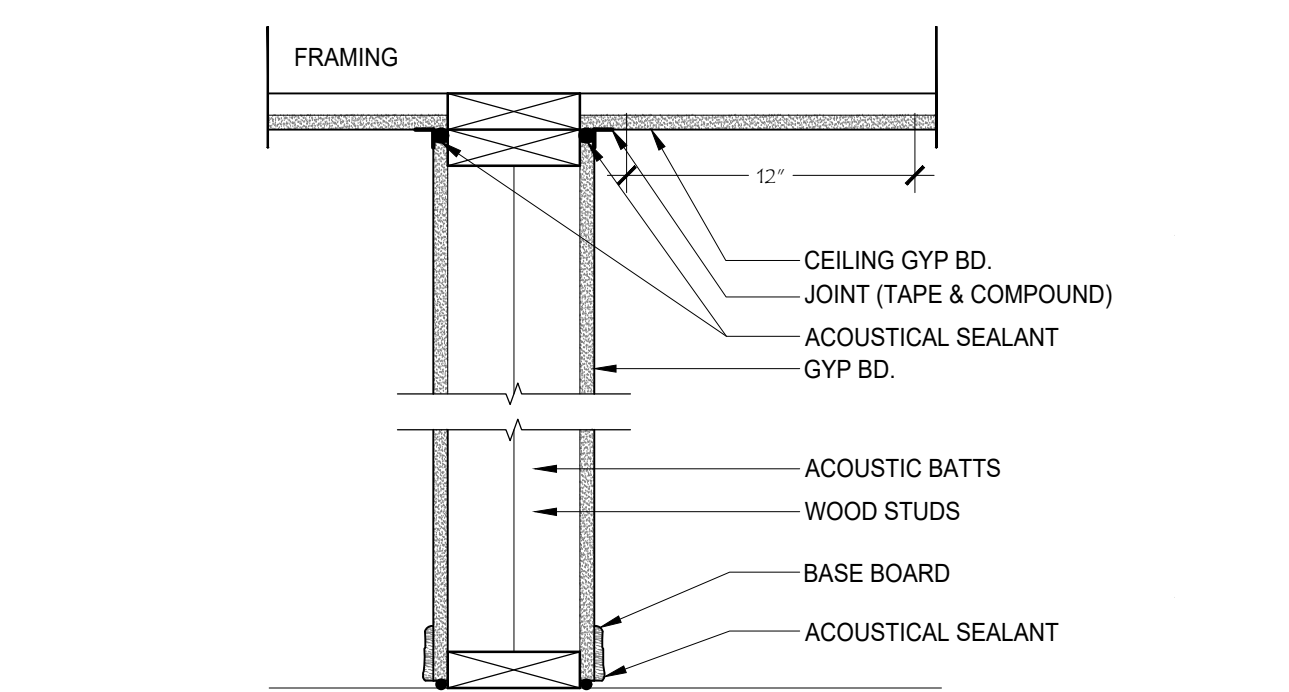
- F. ACOUSTICAL SEALANT
1. SEAL ALL PENETRATIONS THROUGH ACOUSTICAL ASSEMBLIES, EXCEPT FOR PENETRATIONS IN FIRE RATED CONSTRUCTION TO RECEIVE FIRE STOPPING. THIS INCLUDES PENETRATIONS INCLUDING BUT NOT LIMITED TO ELECTRICAL RECEPTACLE BOXES, LIGHT FIXTURES, SPRINKLER HEADS, DUCTWORK, PIPE, ETC.
 2. REFER TO ASTM C99, STANDARD PRACTICE FOR USE OF SEALANTS IN ACOUSTICAL APPLICATIONS FOR THE PROPER USE OF ACOUSTICAL CAULK. THIS STANDARD DETAILS A WALL SYSTEM, EXAMPLE-RATED AT STC 55, THAT ACHIEVES AN STC OF 29 WHEN IMPROPERLY CAULKED. FAILURE TO CAULK THE SYSTEM CLEARLY EQUATES TO A FAILURE TO BUILD AN ACOUSTICAL WALL.
 3. WHEN THERE ARE TWO LAYERS OF WALL BOARD, IT NEED ONLY BE APPLIED TO ONE OF THE LAYERS.
 4. WHEN SELECTING AN ACOUSTICAL SEALANT, IT SHOULD REMAIN RESILIENT (I.E. A NON-DRYING, NON-HARDENING, OR NON-SKINNING SEALANT). TAPING IS NOT AN ACCEPTABLE SOLUTION.

- G. OTHER REFERENCE
1. FIRE AND SOUND CONTROL IN WOOD - FRAME MULTI-FAMILY BUILDINGS, BEST PRACTICE GUIDE BUILDING TECHNOLOGY, NATIONAL RESEARCH COUNCIL OF CANADA.
 2. ASTM C99, STANDARD PRACTICE FOR USE OF SEALANTS IN ACOUSTICAL APPLICATIONS FOR THE PROPER USE OF ACOUSTICAL CAULK.
 3. FIRE RESISTANCE DESIGN MANUAL, 17TH EDITION, GYPSUM ASSOCIATION.
 4. ACOUSTICAL WALL INSULATION DESIGN GUIDE, OWENS CORNING.
 5. SOUND CONTROL FOR COMMERCIAL AND RESIDENTIAL BUILDINGS, NORTH AMERICA INSULATION MANUFACTURES ASSOCIATION.
 6. LEVEL ROCK FLOOR UNDER LAYMENT SOUND SOLUTIONS, LSG.
 7. NOISE-RATED SYSTEMS, APA, THE ENGINEERED WOOD ASSOCIATION.
 8. BUILDING A BETTER WALL: THE ELEMENTS OF GOOD ACOUSTICS, ARTICLE BY WILLIAM STEWART PUBLISHED IN "THE CONSTRUCTION SPECIFIER" IN JULY 2008.
 9. NOTICE: ASTM E492, STANDARD PRACTICE FOR INSTALLING SOUND-INSULATING LIGHTWEIGHT PARTITIONS, WAS WITHDRAWN WITHOUT REPLACEMENT EFFECTIVE 2008. PLEASE DISREGARD ANY MENTION OF THIS STANDARD IF FOUND IN REFERENCED MATERIALS LISTED IN SECTION.

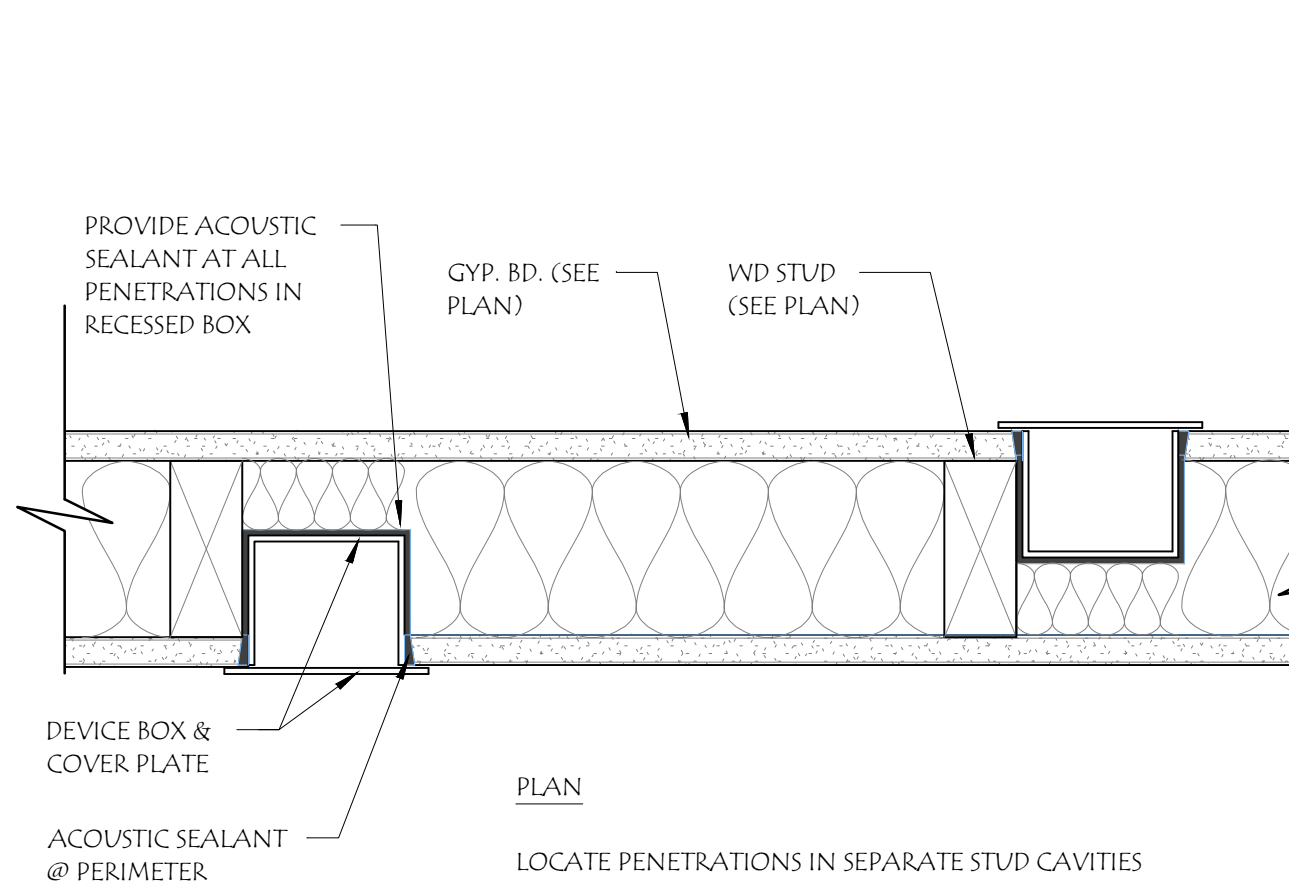
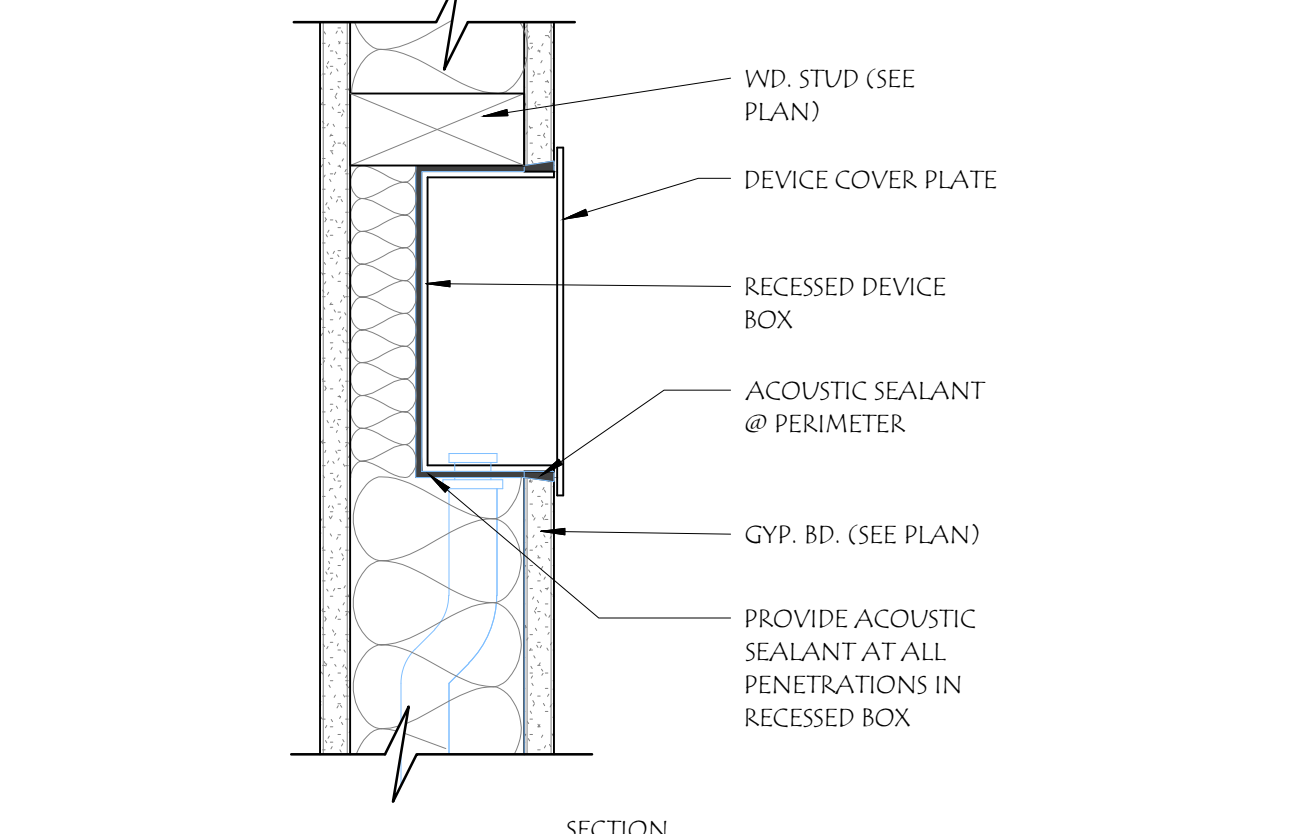
NOTE:
THIS SHEET DEPICTS TYPICAL CONDITIONS AND IS NOT INTENDED TO OVERRIDE OTHER APPLICABLE CODES. IN THE CASE OF A DISCREPANCY, CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY FOR RESOLUTION.



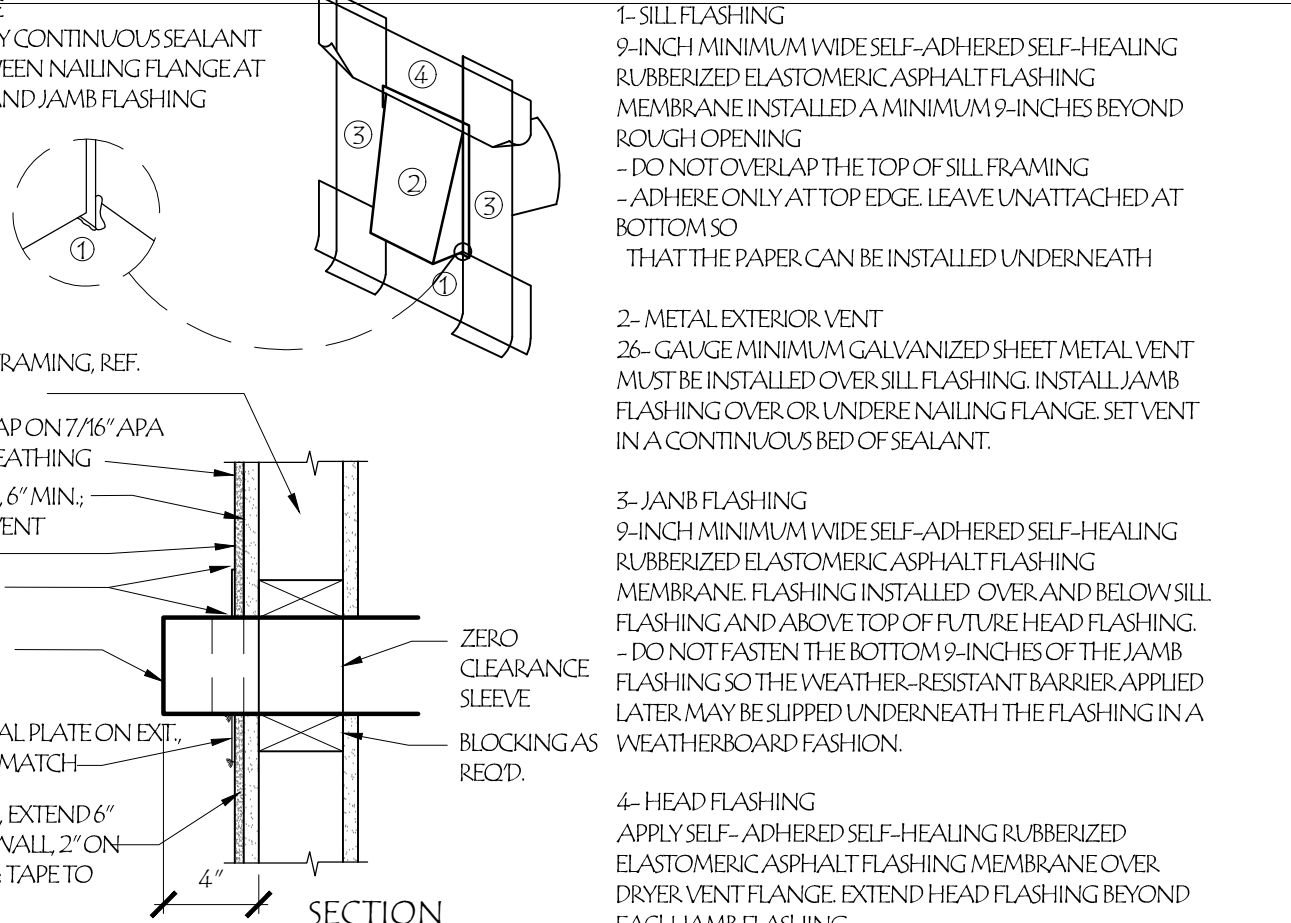
9 REFRIGERANT/CONTROL WIRING TO HVAC EQUIP. SCALE: 1-1/2" = 1'-0"



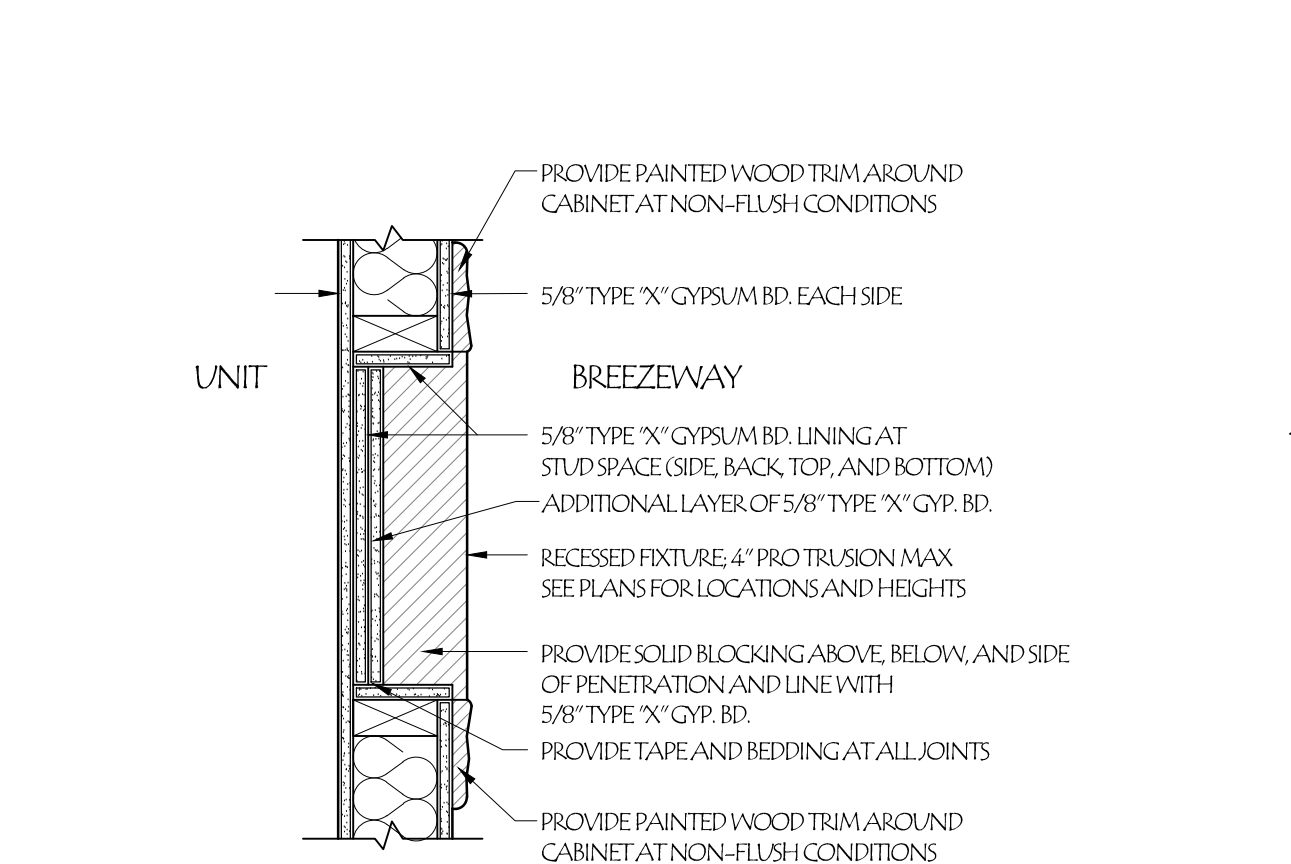
10 ACOUSTICS @ BEDROOM WALLS SCALE: N.T.S



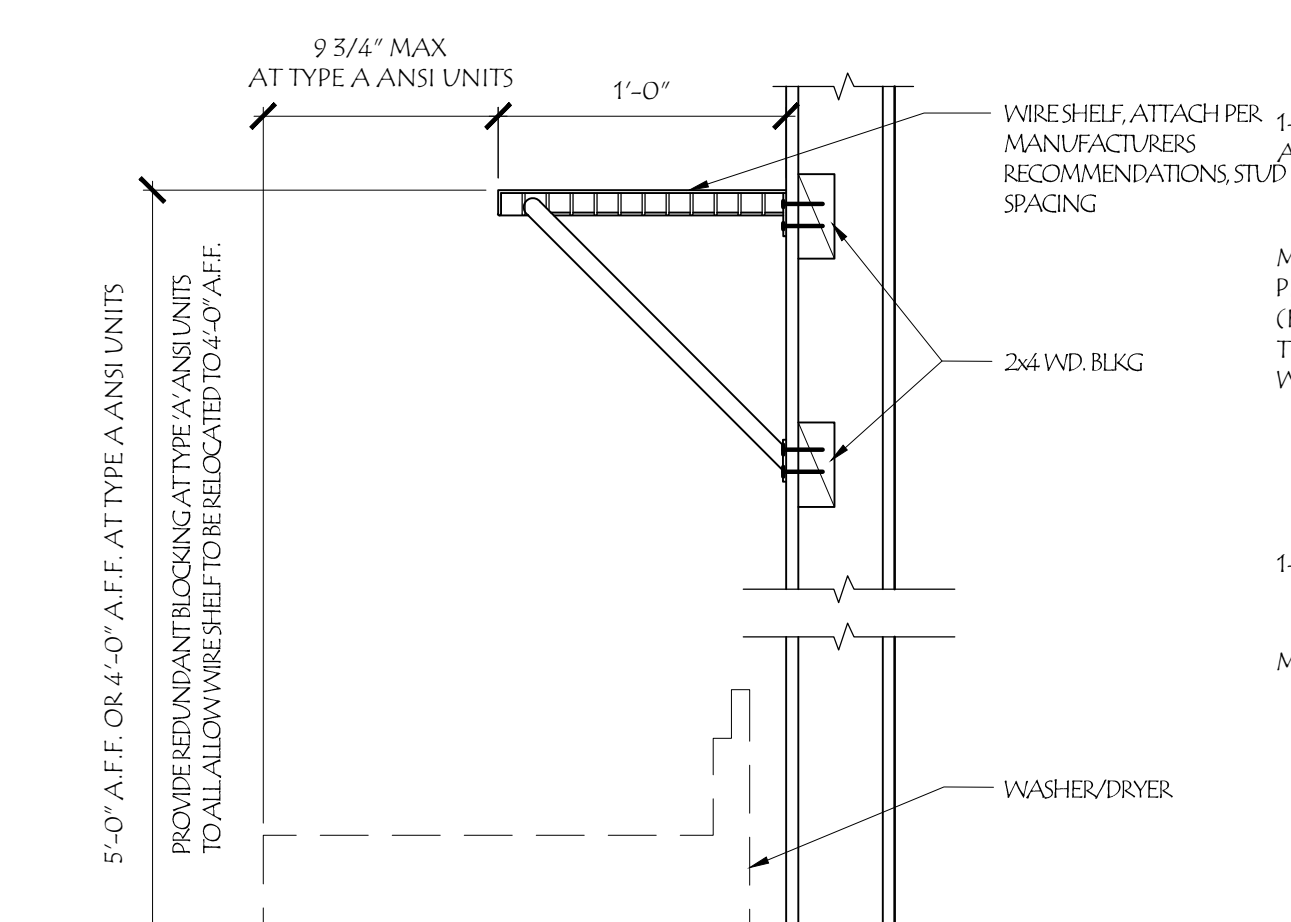
11 ACOUSTIC PARTITION PENETRATIONS SCALE: 1 1/2" = 1'-0"



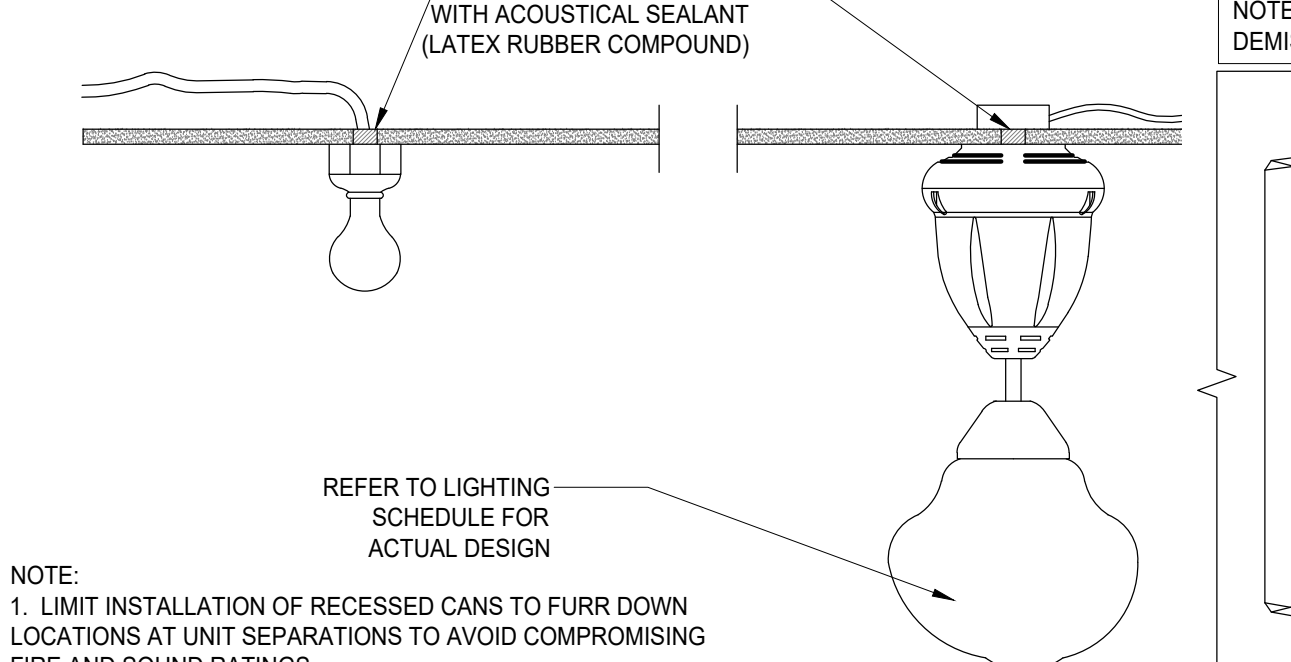
5 DRYER VENT PENETRATION - SECTION SCALE: 1-1/2" = 1'-0"



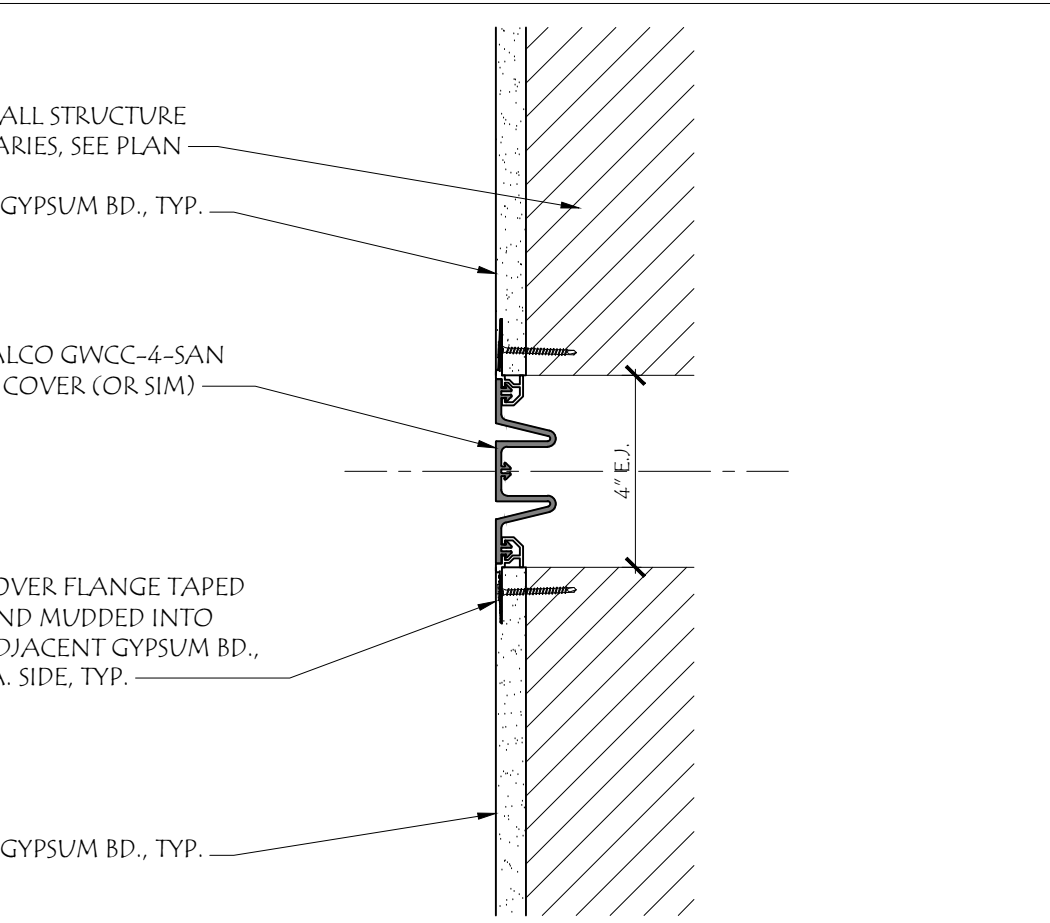
6 FIRE EXTINGUISHER CABINET AT RATED WALL SCALE: 1-1/2" = 1'-0"



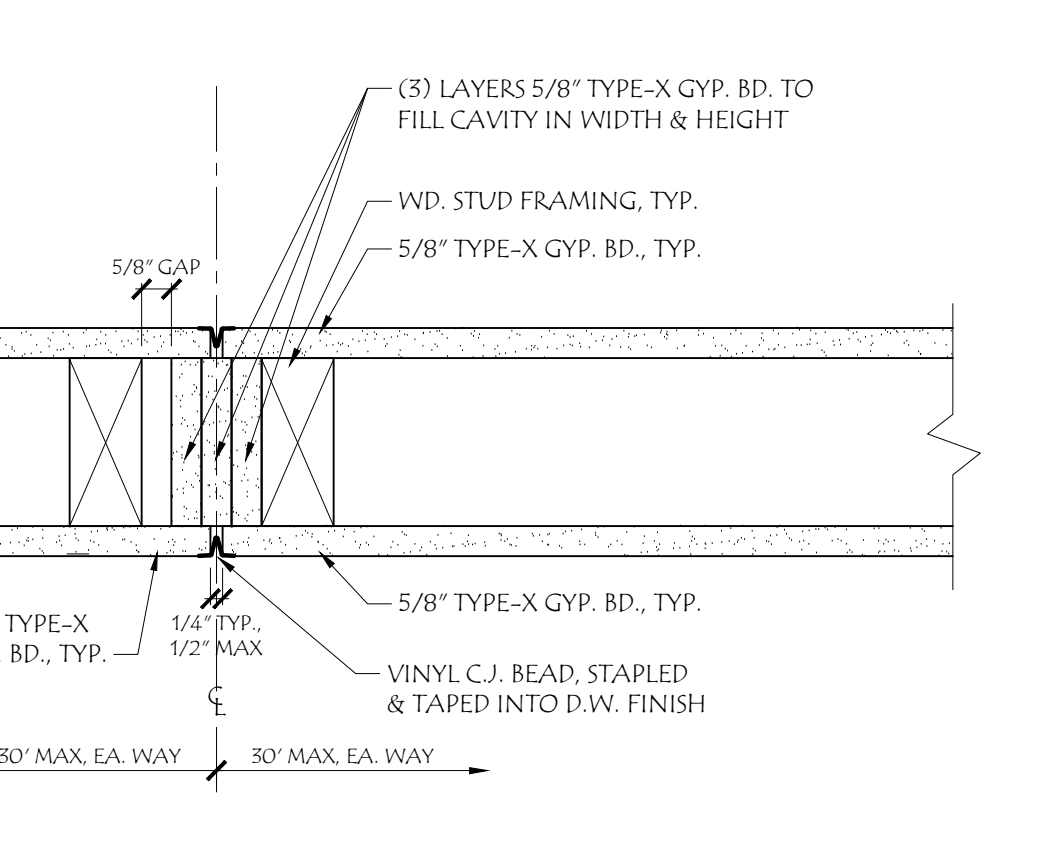
7 WIRE SHELF AT WASHER SCALE: 1-1/2" = 1'-0"



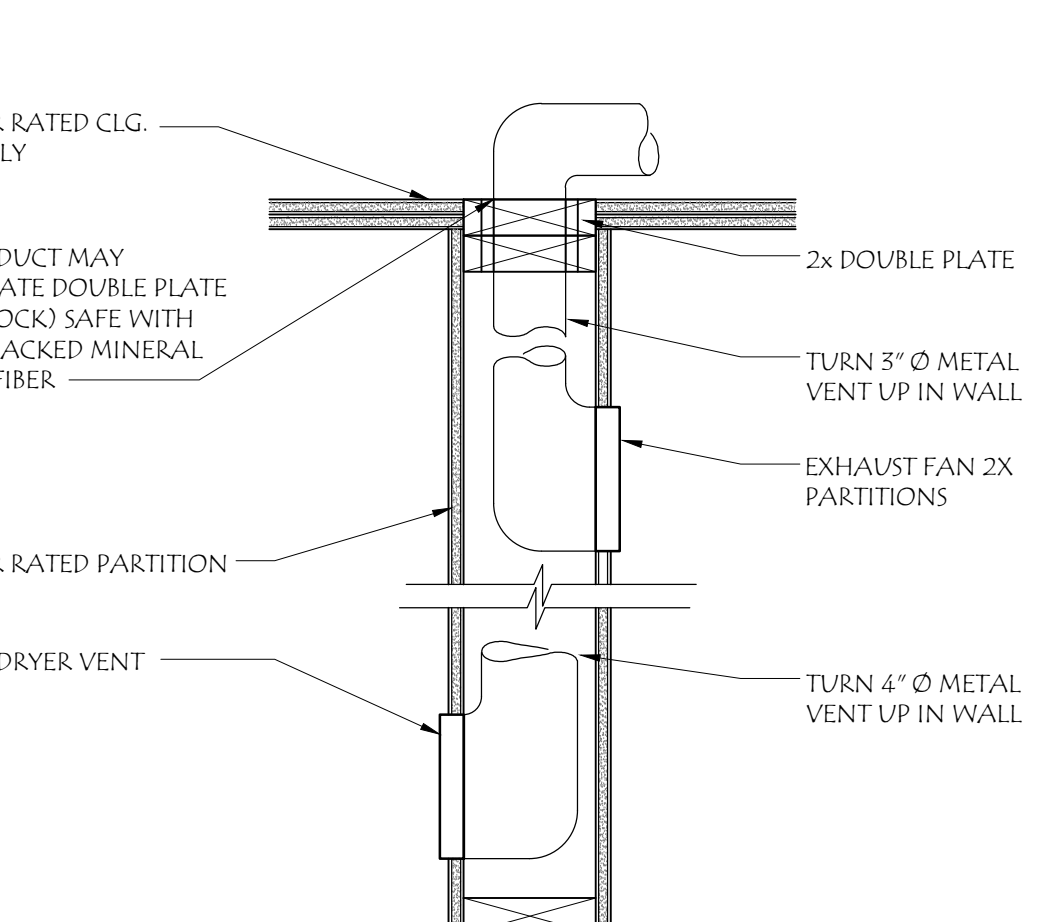
8 LIGHT FIXTURE @ CEILING SCALE: N.T.S



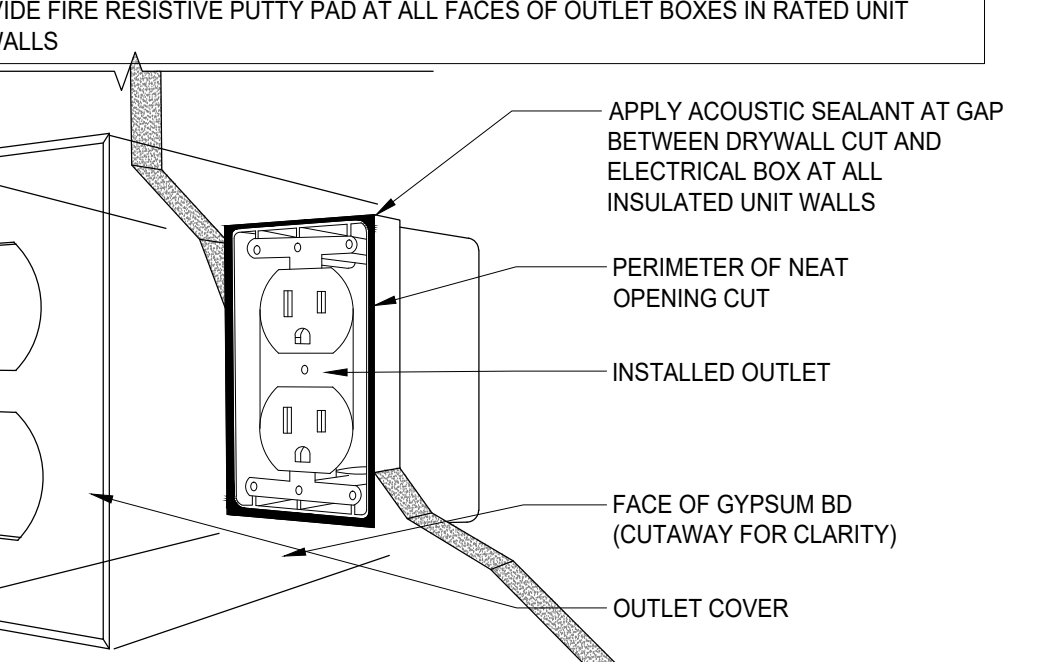
2 WALL EXPANSION JOINT SCALE: 3"=1'-0"



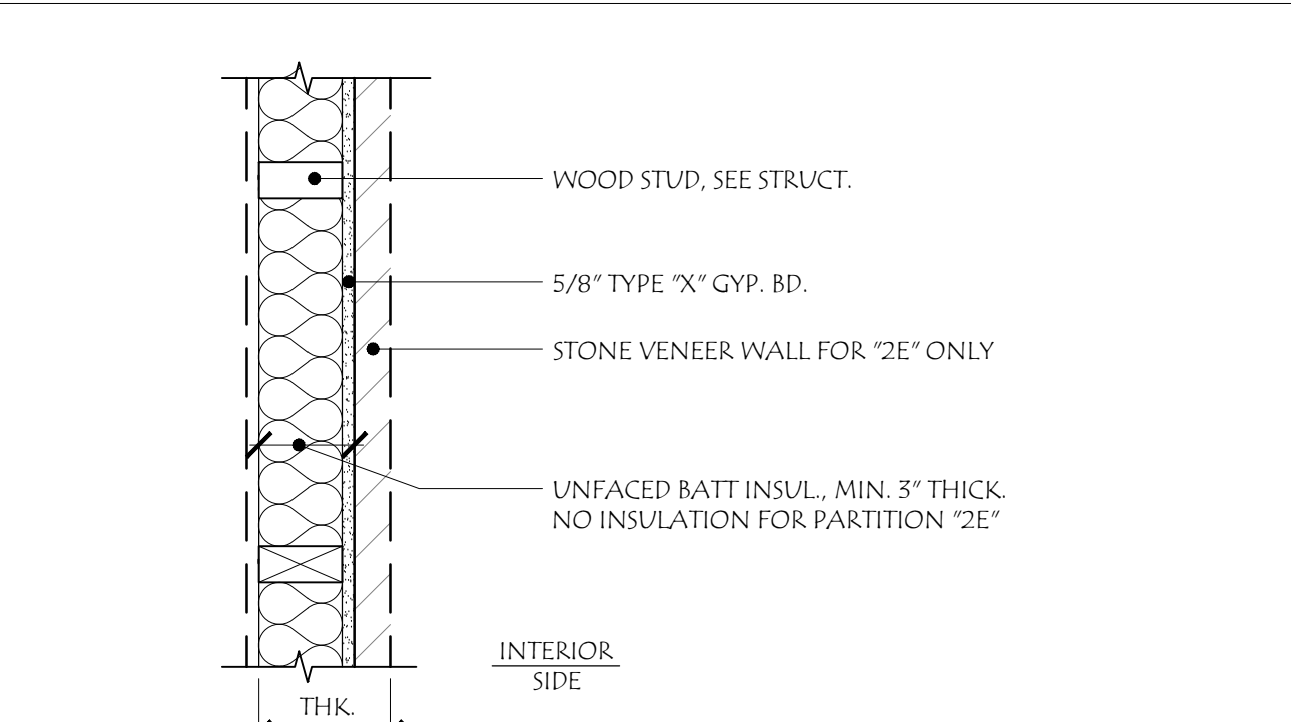
1 CONTROL JT. @ RATED WALLS SCALE: 3"=1'-0"



3 EXHAUST/ DRYER VENT SCALE: 1-1/2" = 1'-0"

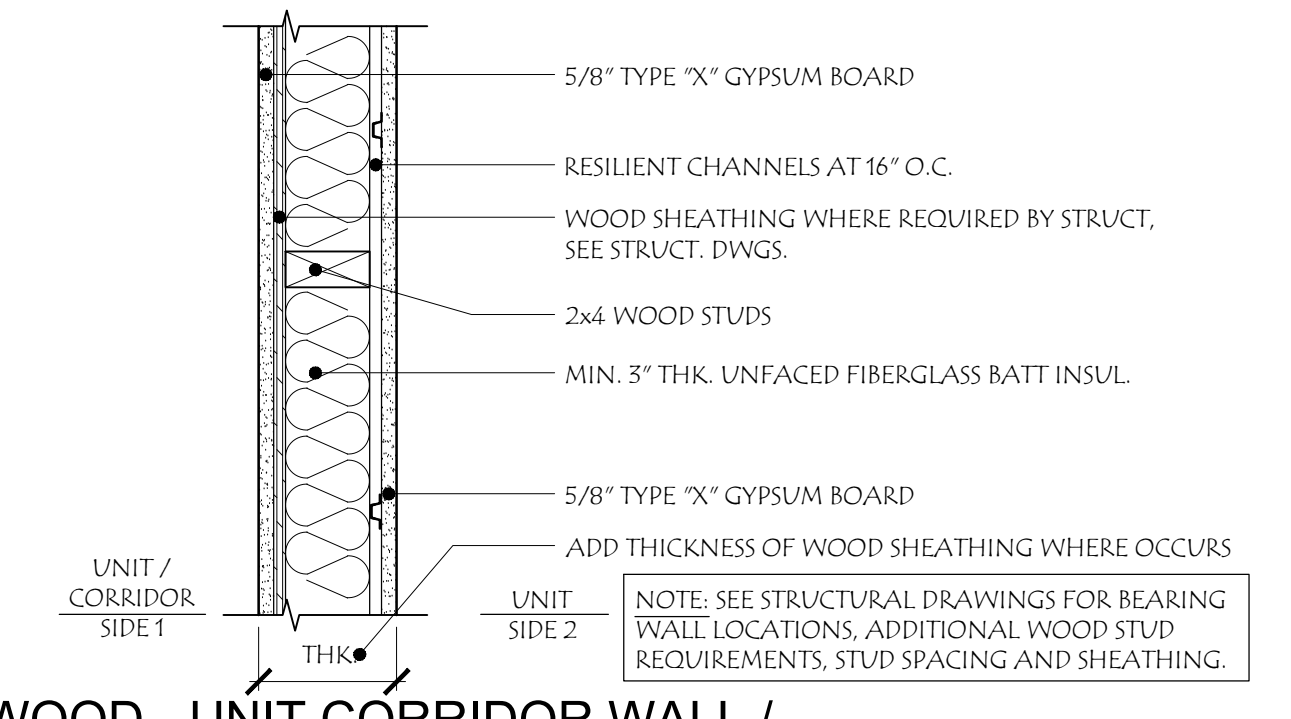


4 ELECT OUTLET @ DEMISING WALLS SCALE: N.T.S



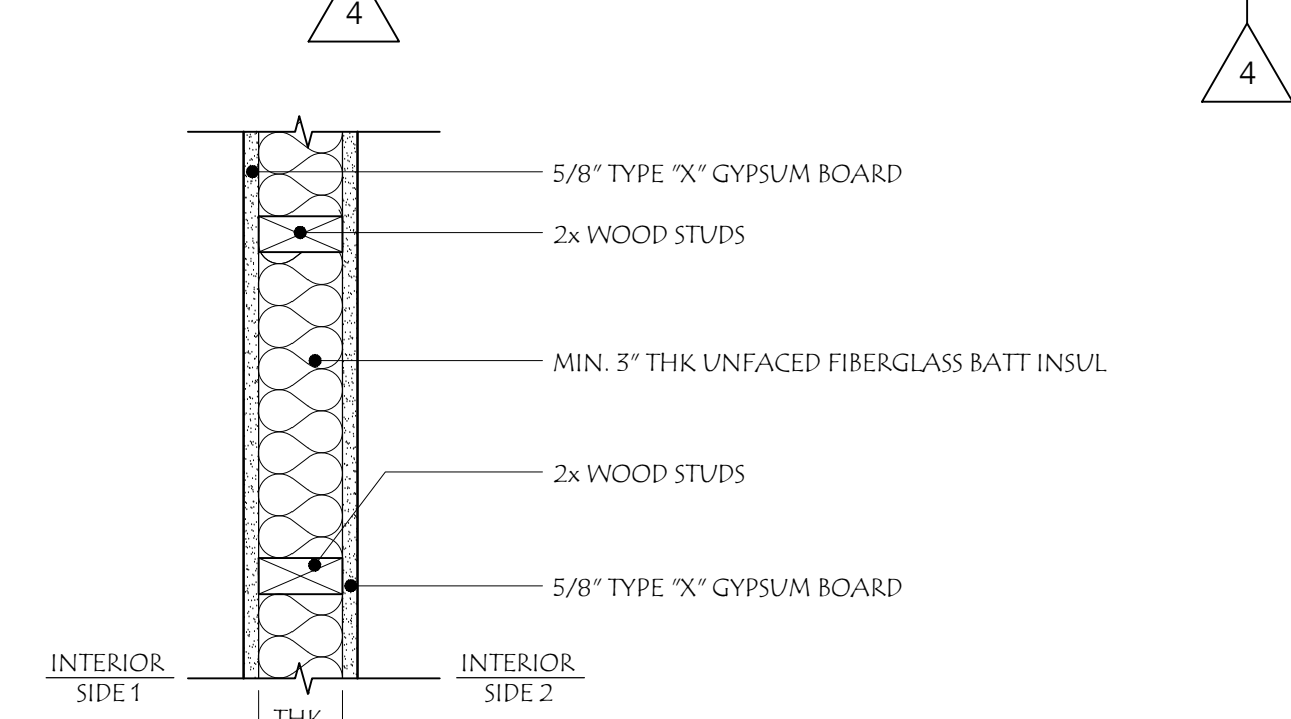
WOOD STUD - FURRING WALL

TAG	THK	FIRE RATING	TEST NO.	STC RATING	FRAMING SIZE	SPACING	GYPSUM BOARD TYPE	THK	GYPSUM BOARD TYPE	THK	REMARK
2A	6 1/8"	0 HR	-	-	2X6	16" O.C.	-	5/8"	-	-	① PLUMBING
2B	4 1/8"	0 HR	-	-	2X4	16" O.C.	-	5/8"	-	-	④



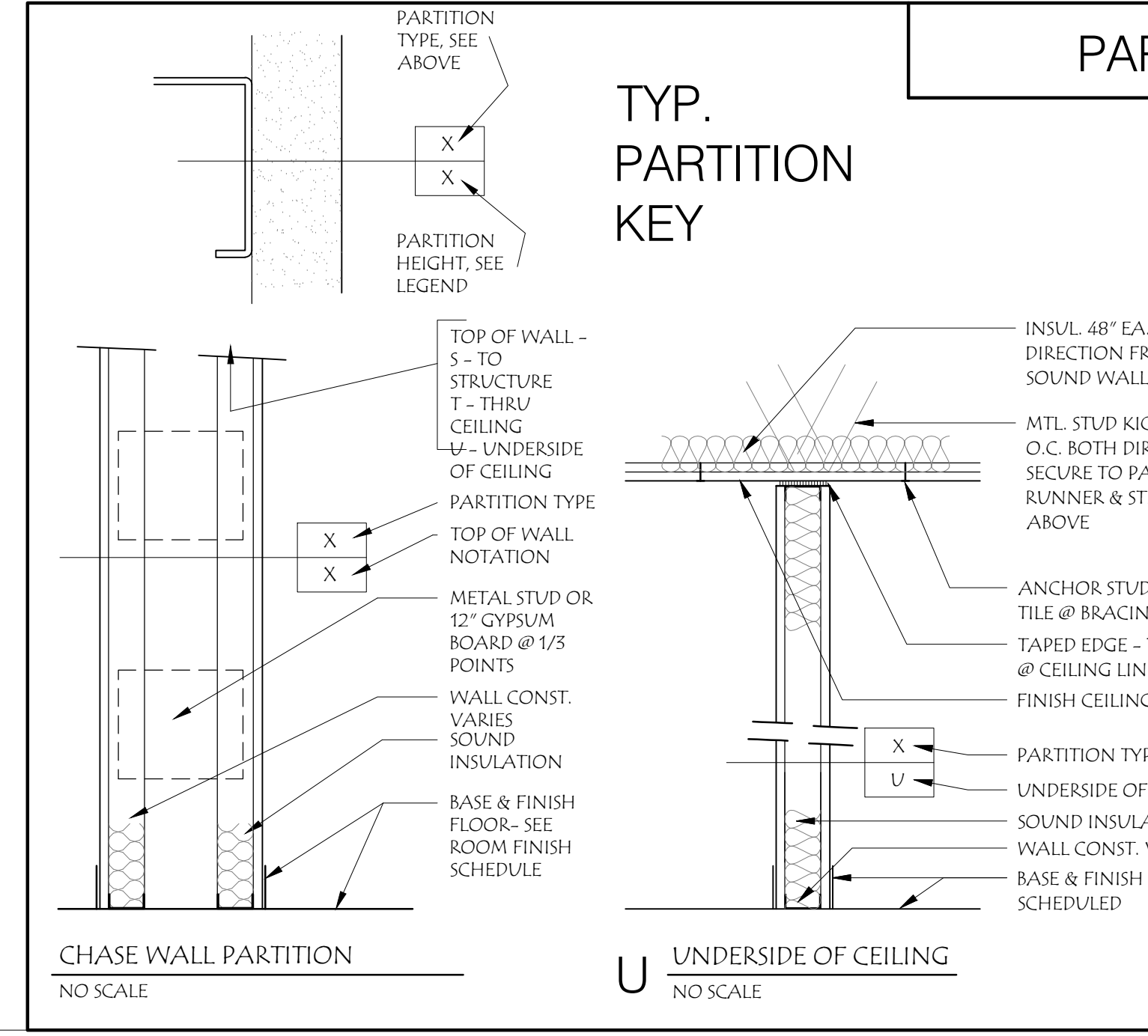
WOOD - UNIT CORRIDOR WALL / UNIT SEPARATION WALL

TAG	THK	FIRE RATING	TEST NO.	STC RATING	FRAMING SIZE	SPACING	GYPSUM BOARD TYPE	THK	GYPSUM BOARD TYPE	THK	REMARK
1A	5 1/4"	0 HR	-	56	2x4	16" U.N.O.	"X"	5/8"	"X"	5/8"	① ② ③
1B	7 1/4"	0 HR	-	56	2x6	16" U.N.O.	"X"	5/8"	"X"	5/8"	① ② ③ ④
1C	5 1/4"	1 HR	UL U305	56	2x4	16" U.N.O.	"X"	5/8"	"X"	5/8"	① ② ③ ⑤
1D	7 1/4"	1 HR	UL U305	56	2x6	16" U.N.O.	"X"	5/8"	"X"	5/8"	① ② ③ ④ ⑤

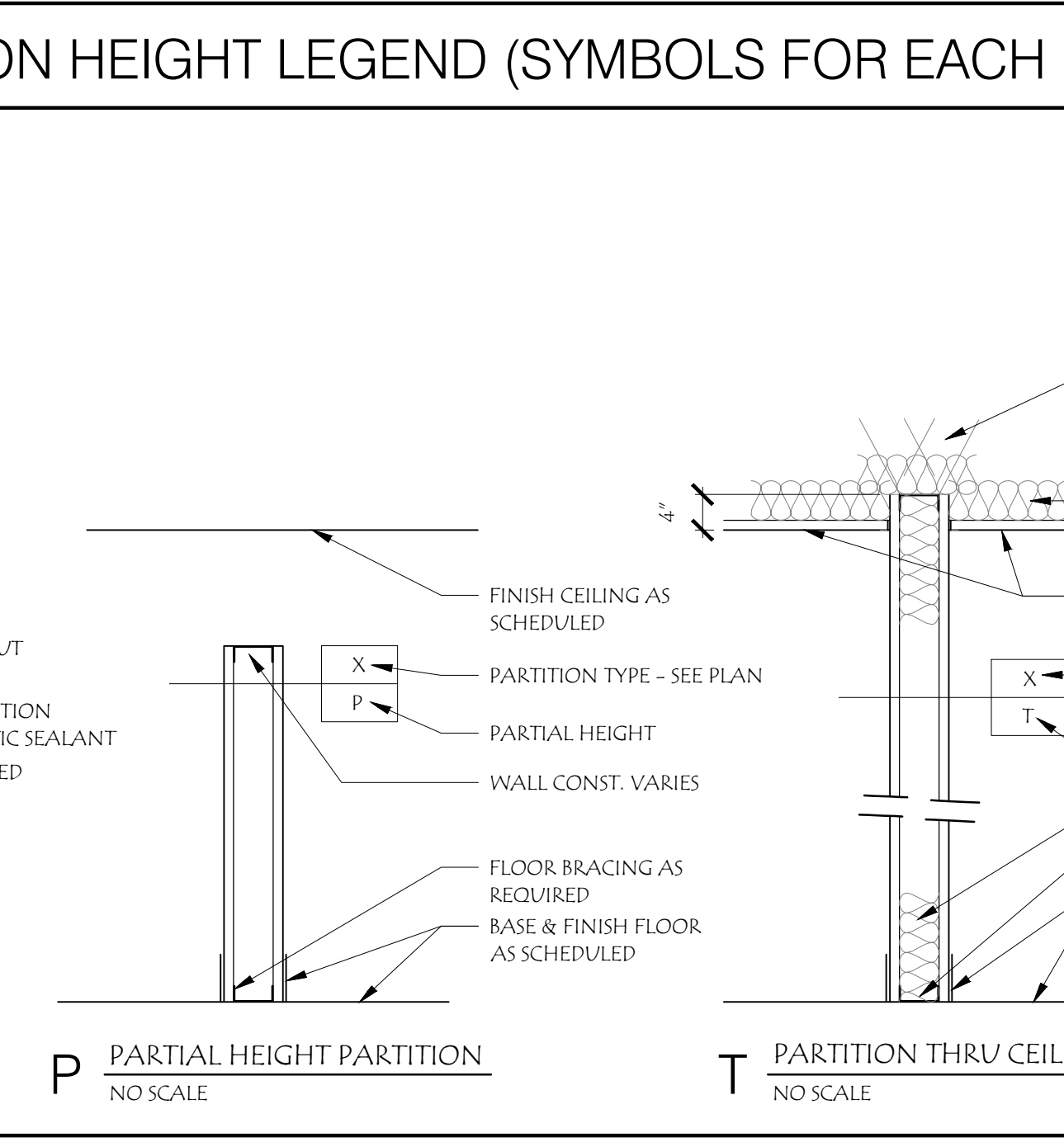


WOOD - INTERIOR UNIT WALLS

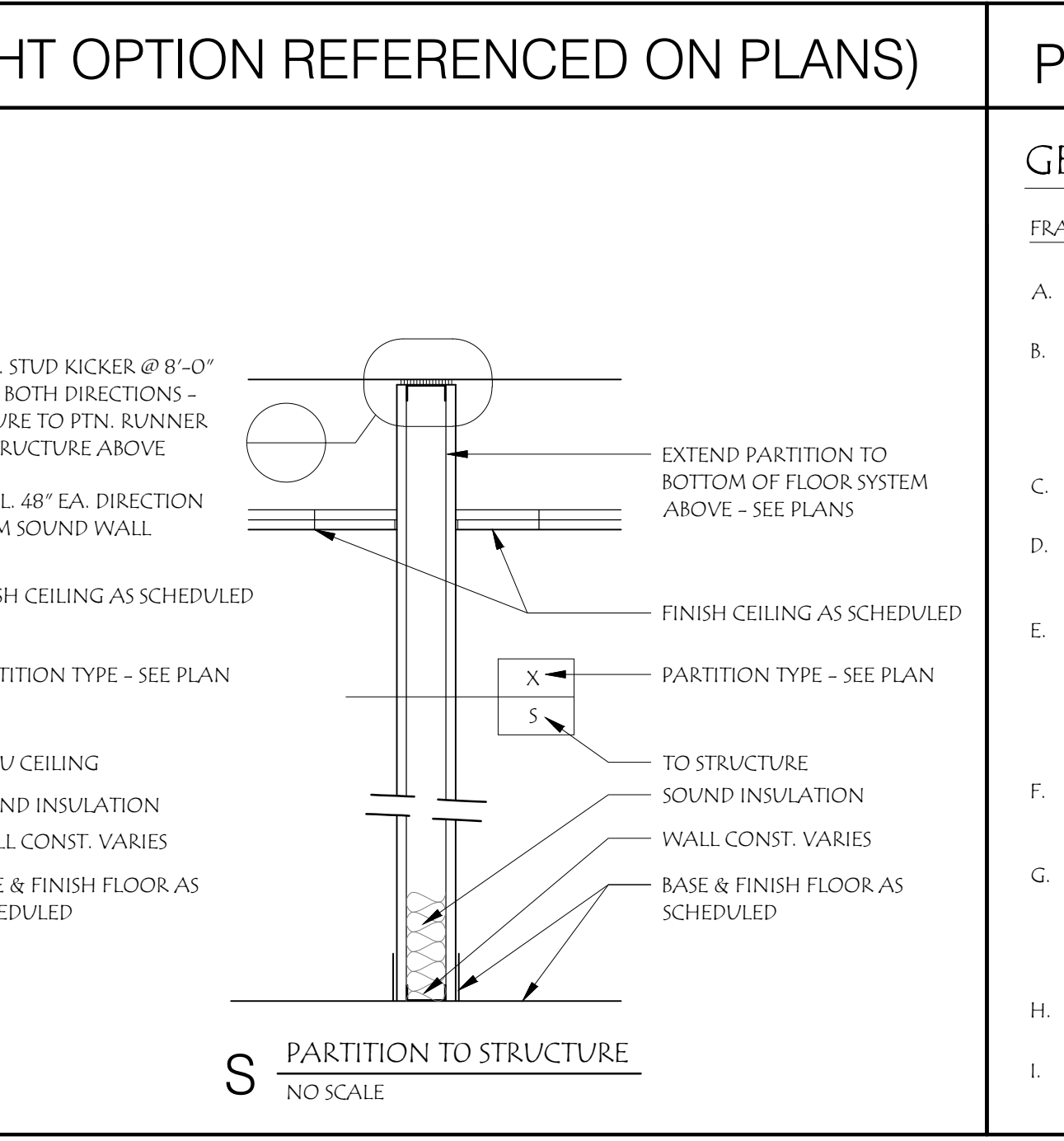
TAG	THK	FIRE RATING	TEST NO.	STC RATING	FRAMING SIZE	SPACING	GYPSUM BOARD TYPE	THK	GYPSUM BOARD TYPE	THK	REMARK
1F	2 3/4"	0 HR	-	NOT REQ'D	1x2	16" U.N.O.	"X"	5/8"	"X"	5/8"	①
1G	4 3/4"	0 HR	-	NOT REQ'D	2x4	16" U.N.O.	"X"	5/8"	"X"	5/8"	①
1H	4 3/4"	0 HR	-	39	2x4	16" U.N.O.	"X"	5/8"	"X"	5/8"	① ②
1J	4 3/4"	0 HR	-	NOT REQ'D	2x4	16" U.N.O.	"X"	5/8"	"X"	5/8"	①
1J.1	8 1/2"	0 HR	-	NOT REQ'D	2x8	16" U.N.O.	"X"	5/8"	"X"	5/8"	①
1K	4 3/4"	0 HR	-	39	2x4	16" U.N.O.	"X"	5/8"	"X"	5/8"	① ②
1K.1	6 3/4"	0 HR	-	39	2x6	16" U.N.O.	"X"	5/8"	"X"	5/8"	① ②



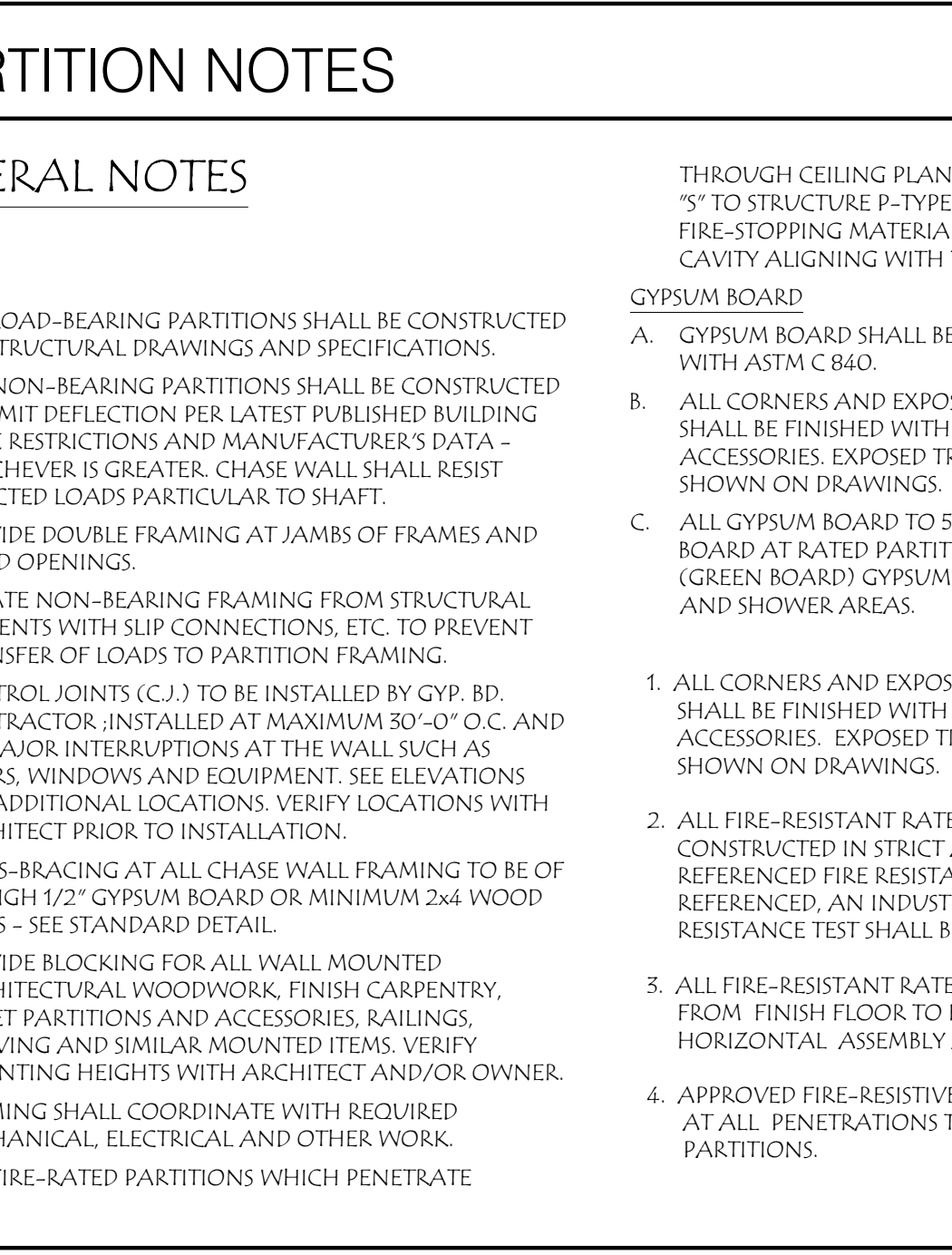
CHASE WALL PARTITION NO SCALE



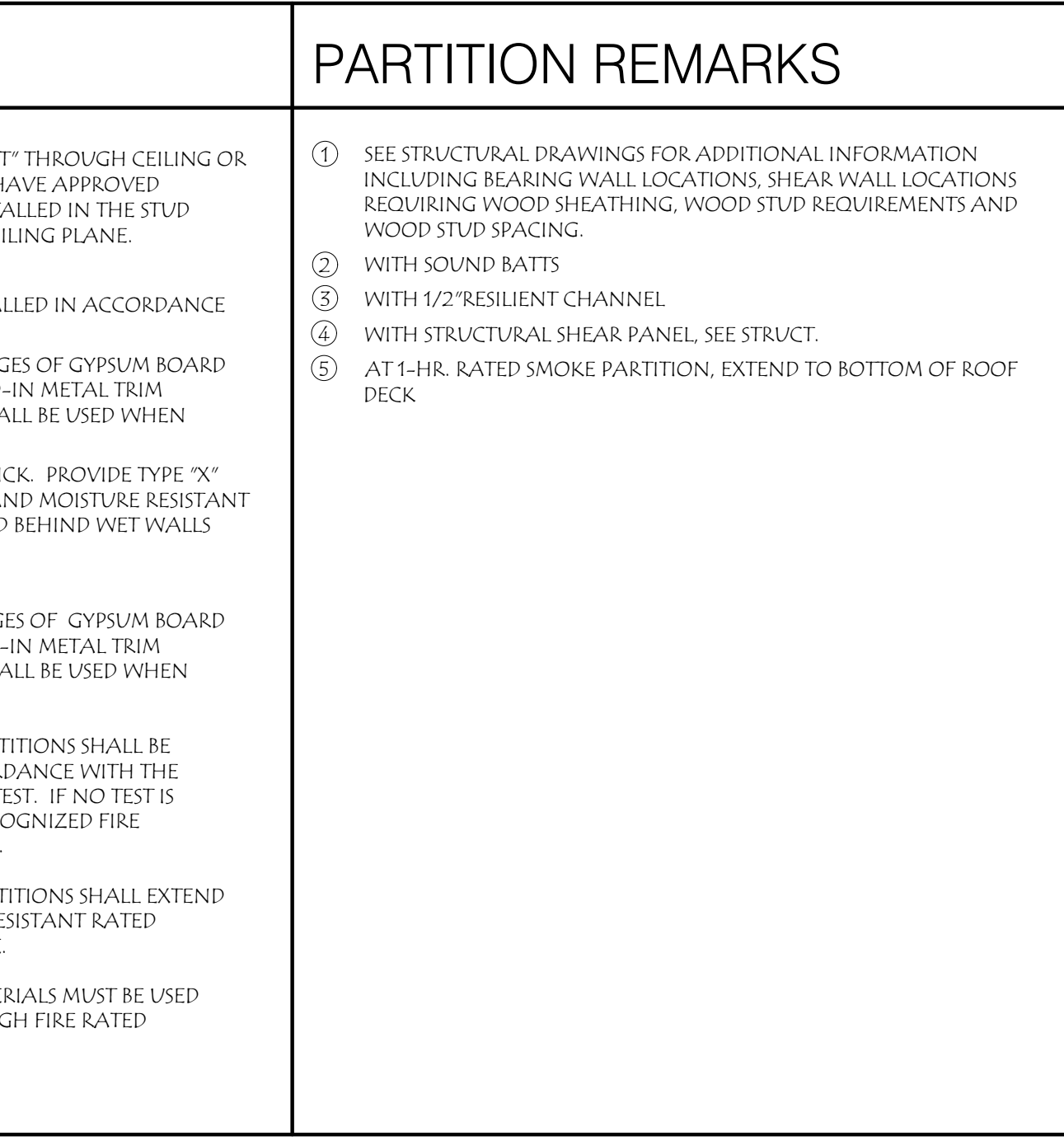
UNDERSIDE OF CEILING NO SCALE



PARTIAL HEIGHT PARTITION NO SCALE



PARTITION THRU CEILING NO SCALE



PARTITION TO STRUCTURE NO SCALE

PARTITION HEIGHT LEGEND (SYMBOLS FOR EACH HEIGHT OPTION REFERENCED ON PLANS)

PARTITION NOTES

GENERAL NOTES

FRAMING

- ALL LOAD-BEARING PARTITIONS SHALL BE CONSTRUCTED PER STRUCTURAL DRAWINGS AND SPECIFICATIONS.
- ALL NON-BEARING PARTITIONS SHALL BE CONSTRUCTED TO LIMIT DEFLECTION PER LATEST PUBLISHED BUILDING CODE RESTRICTIONS AND MANUFACTURER'S DATA - WHICHEVER IS GREATER. CHASE WALL SHALL RESIST EXPECTED LOADS PARTICULAR TO SHAFT.
- ISOLATE NON-BEARING FRAMING FROM STRUCTURAL ELEMENTS WITH SLIP CONNECTIONS, ETC. TO PREVENT TRANSFER OF LOADS TO PARTITION FRAMING.
- CONTROL JOINTS (C.J.) TO BE INSTALLED BY GYP. BD. CONTRACTOR, INSTALLED AT MAXIMUM 30"-0" O.C. AND AT MAJOR INTERRUPTIONS AT THE WALL SUCH AS DOORS, WINDOWS AND EQUIPMENT. SEE ELEVATIONS FOR ADDITIONAL LOCATIONS. VERIFY LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- CROSS-BRACING AT ALL CHASE WALL FRAMING TO BE OF 12" HIGH 1/2" GYPSUM BOARD OR MINIMUM 2x4 WOOD STUDS - SEE STANDARD DETAIL.
- PROVIDE BLOCKING FOR ALL WALL MOUNTED ARCHITECTURAL WOODWORK, FINISH CARPENTRY, TOILET PARTITIONS AND ACCESSORIES, RAILINGS, SHELVING AND SIMILAR MOUNTED ITEMS. VERIFY MOUNTING HEIGHTS WITH ARCHITECT AND/OR OWNER.
- FRAMING SHALL COORDINATE WITH REQUIRED MECHANICAL, ELECTRICAL AND OTHER WORK.
- ALL FIRE-RATED PARTITIONS WHICH PENETRATE

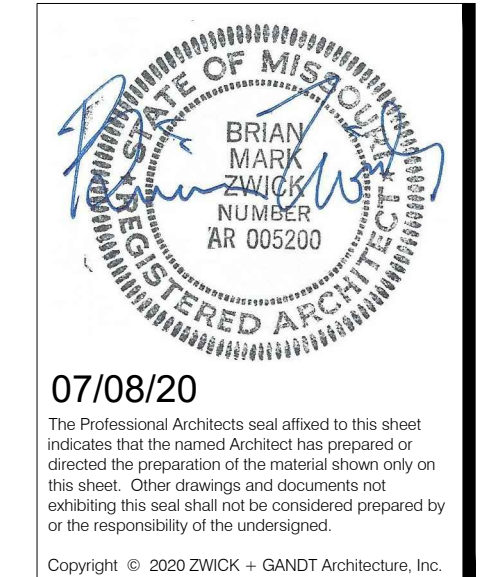
THROUGH CEILING PLANE (I.e. "T" THROUGH CEILING OR "S" TO STRUCTURE-P-TYPES) TO HAVE APPROVED FIRE-STOPPING MATERIALS INSTALLED IN THE STUD CAVITY ALIGNING WITH THE CEILING PLANE.

- GYPSUM BOARD
- GYPSUM BOARD SHALL BE INSTALLED IN ACCORDANCE WITH ASTM C 840.
 - ALL CORNERS AND EXPOSED EDGES OF GYPSUM BOARD SHALL BE FINISHED WITH TAPE-IN METAL TRIM ACCESSORIES. EXPOSED TRIM SHALL BE USED WHEN SHOWN ON DRAWINGS.
 - ALL GYPSUM BOARD TO 5/8" THICK. PROVIDE TYPE "X" BOARD AT RATED PARTITIONS AND MOISTURE RESISTANT (GREEN BOARD) GYPSUM BOARD BEHIND WET WALLS AND SHOWER AREAS.

- ALL CORNERS AND EXPOSED EDGES OF GYPSUM BOARD SHALL BE FINISHED WITH TAPE-IN METAL TRIM ACCESSORIES. EXPOSED TRIM SHALL BE USED WHEN SHOWN ON DRAWINGS.
- ALL FIRE-RESISTANT RATED PARTITIONS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE REFERENCED FIRE RESISTANCE TEST. IF NO TEST IS REFERENCED, AN INDUSTRY RECOGNIZED FIRE RESISTANCE TEST SHALL BE USED.
- ALL FIRE-RESISTANT RATED PARTITIONS SHALL EXTEND FROM FINISH FLOOR TO FIRE-RESISTANT RATED HORIZONTAL ASSEMBLY ABOVE.
- APPROVED FIRE-RESISTIVE MATERIALS MUST BE USED AT ALL PENETRATIONS THROUGH FIRE-RATED PARTITIONS.

PARTITION REMARKS

- SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION INCLUDING BEARING WALL LOCATIONS, SHEAR WALL LOCATIONS REQUIRING WOOD SHEATHING, WOOD STUD REQUIREMENTS AND WOOD STUD SPACING.
- WITH SOUND BATTS
- WITH 1/2" RESILIENT CHANNEL
- WITH STRUCTURAL SHEAR PANEL, SEE STRUCT.
- AT 1-HR. RATED SMOKE PARTITION, EXTEND TO BOTTOM OF ROOF DECK



07/08/20
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