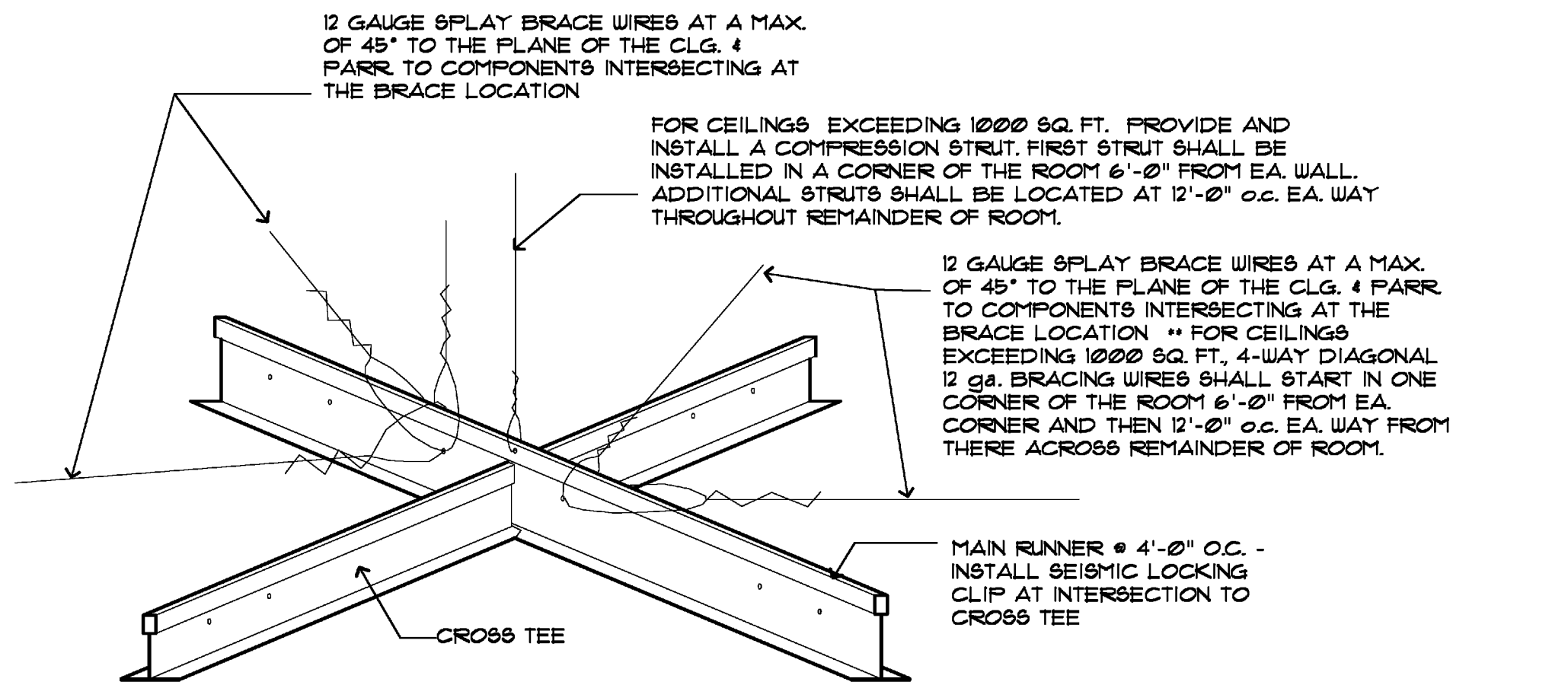
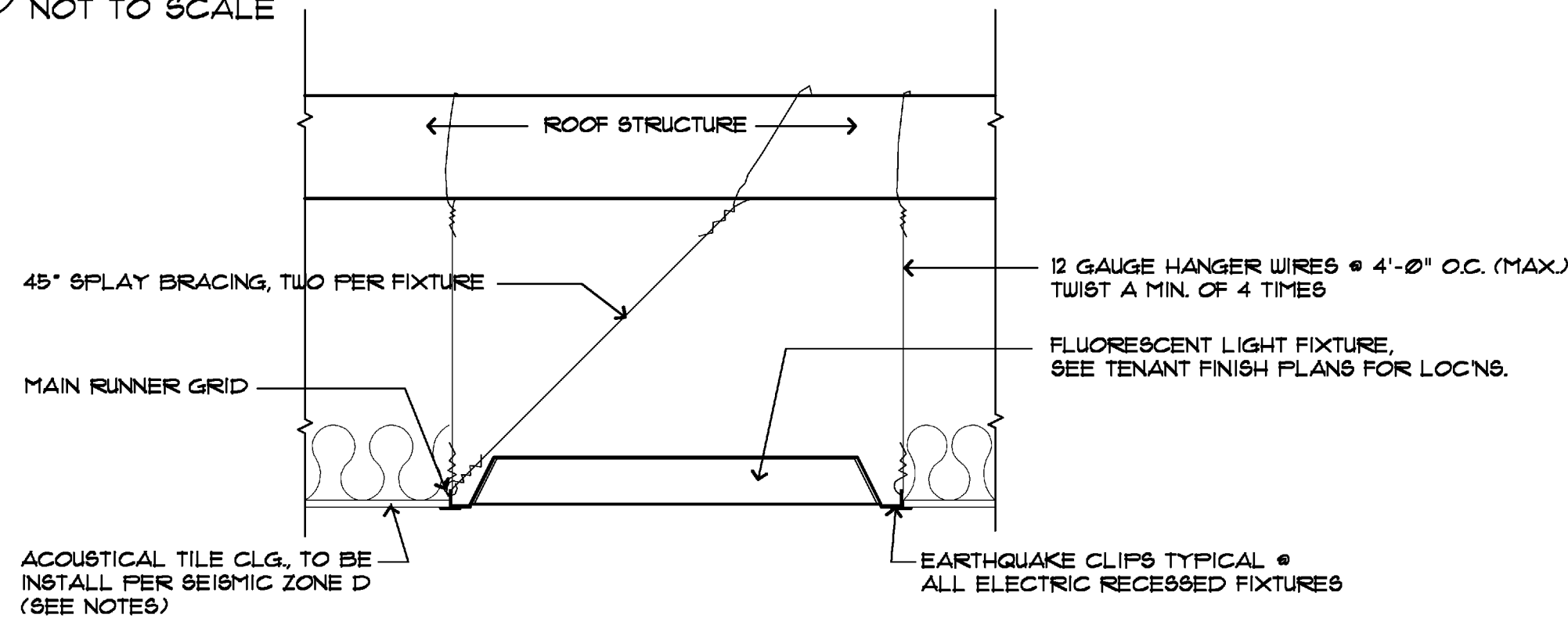
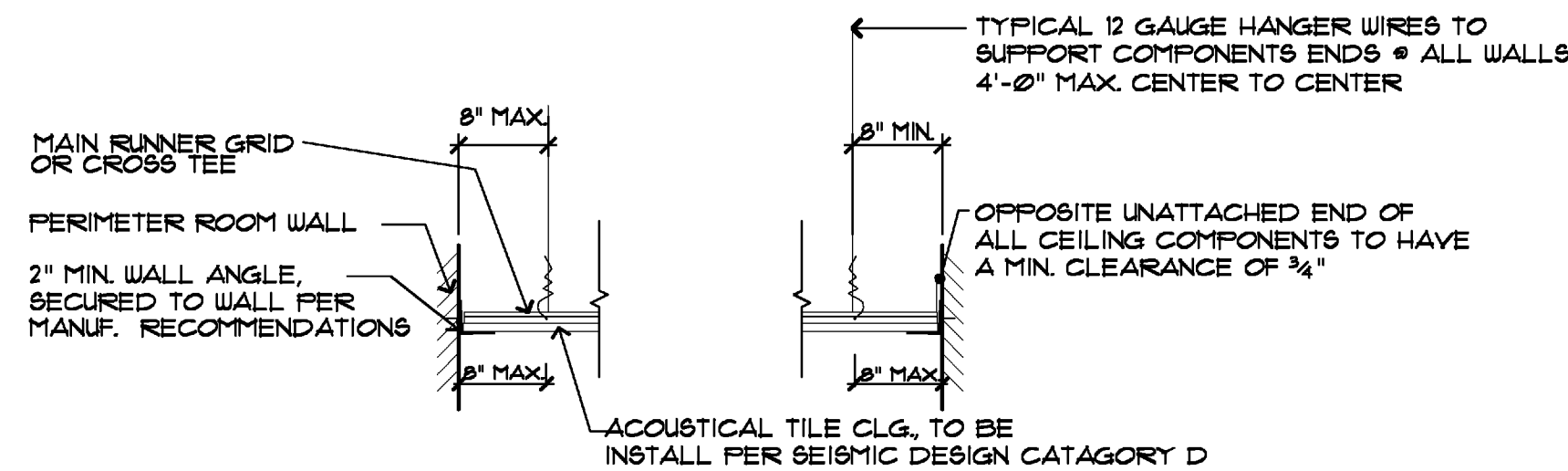




3 TYPICAL CLG. BRACING DETAIL
NOT TO SCALE



4 REC. LIGHT FIXTURE ANCHORAGE DETAIL
NOT TO SCALE

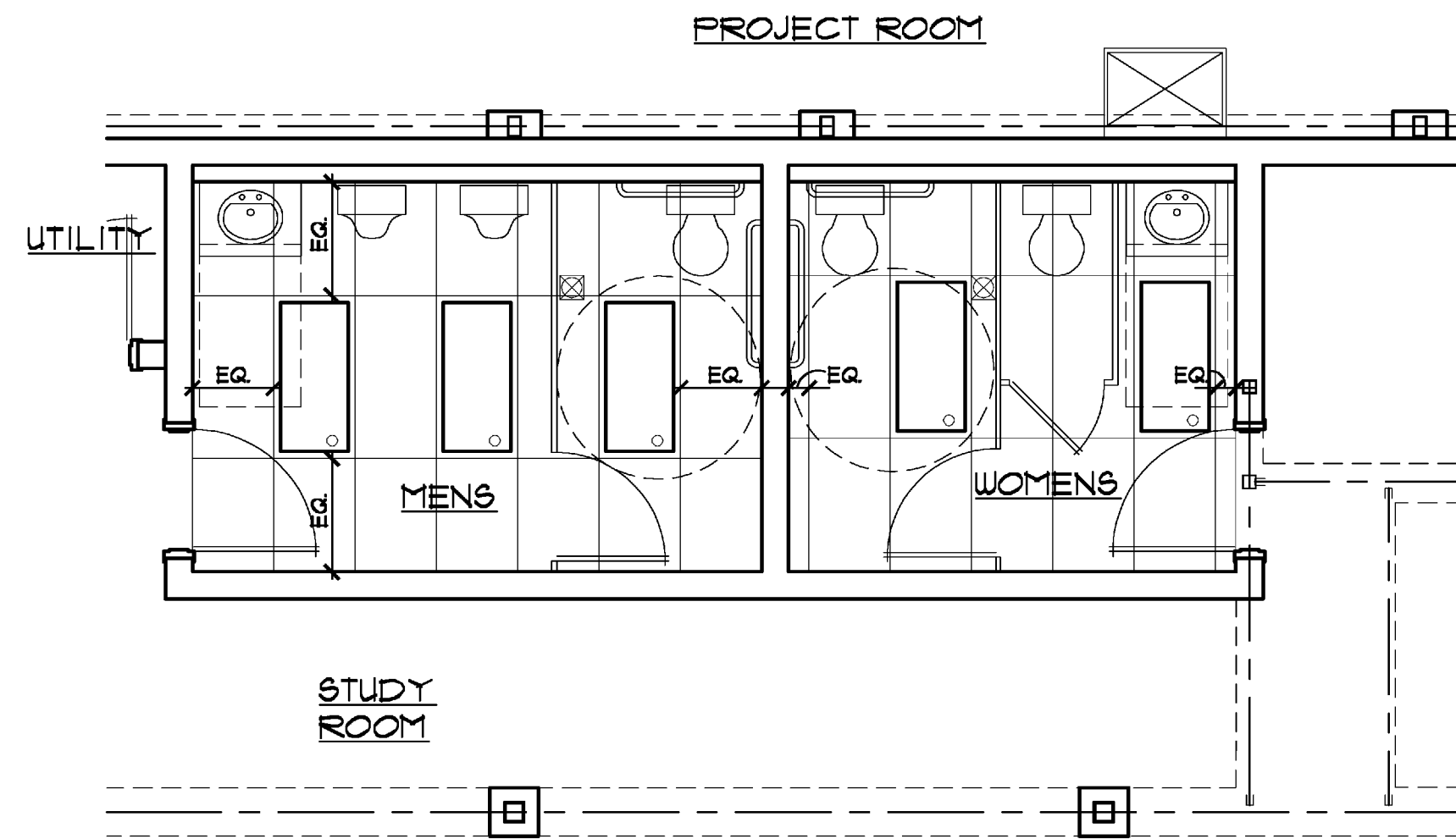


5 SUSP. CLG. INSTALLATION DETAILS
NOT TO SCALE

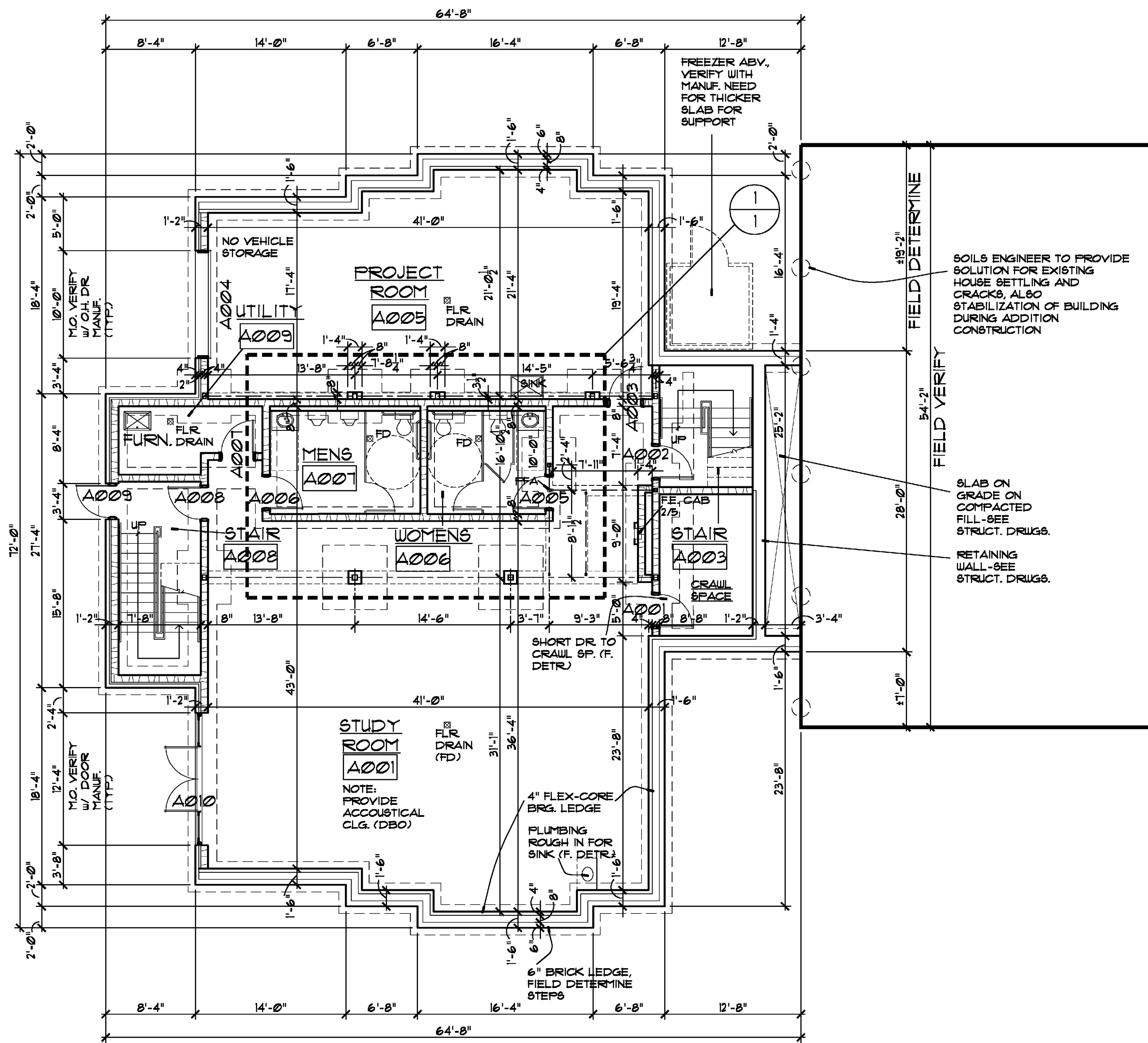
SUSPENDED CEILING NOTES

SUSPENDED CEILING IN SEISMIC DESIGN CATEGORY D SHALL BE BRACED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:

- A HEAVY DUTY T-BAR GRID SYSTEM SHALL BE USED.
- THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL NOT BE LESS THAN 2" IN EACH ORTHOGONAL HORIZONTAL DIRECTION. ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 3/4" CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON THE 3/4" CLOSURE ANGLE. THE MAIN AND CROSS RUNNERS SHALL BE TIED TOGETHER TO PREVENT TWISTING.
- PROVIDE NO. 12 GAUGE VERTICAL SUPPORT WIRES ON THE MAIN AND CROSS RUNNERS A MAXIMUM DISTANCE OF 8' FROM THE WALL. ADDITIONAL VERTICAL SUPPORT WIRES ARE NEEDED IN THE FOLLOWING LOCATIONS:
 - 4'-0" ON CENTER SPACING ALONG THE MAIN RUNNER.
- LIGHT FIXTURES MUST BE POSITIVELY ATTACHED TO THE CEILING GRID WITH AN ATTACHMENT CAPABLE OF CARRYING 100% OF THE WEIGHT OF THE LIGHT FIXTURE. LIGHT FIXTURES WEIGHING UP TO 56 POUNDS REQUIRE TWO VERTICAL SUPPORT WIRES. THESE WIRES MAY BE SLACK. LIGHT FIXTURES WEIGHING MORE THAN 56 POUNDS SHALL REQUIRE INDEPENDENT SUPPORT FROM THE SHELL BUILDING STRUCTURE ABOVE THE CEILING.
- MECHANICAL AIR TERMINALS WEIGHING LESS THAN 20 POUNDS SHALL BE POSITIVELY ATTACHED TO THE CEILING GRID. AIR TERMINALS WEIGHING 20 POUNDS BUT NOT MORE THAN 56 POUNDS SHALL BE SECURED TO THE SHELL BUILDING STRUCTURE ABOVE THE CEILING IN ADDITION TO ATTACHING THE AIR TERMINAL TO THE CEILING GRID. THESE TWO NO. 12 GAUGE WIRES MAY BE SLACK. AIR TERMINALS WEIGHING MORE THAN 56 POUNDS SHALL REQUIRE INDEPENDENT SUPPORT FROM THE SHELL BUILDING STRUCTURE ABOVE THE CEILING.
- SPRINKLER HEADS AND OTHER PENETRATIONS OF THE SUSPENDED CEILING SHALL HAVE A 2" OVERSIZE RING, SLEEVE OR ADAPTOR TO ALLOW 1" HORIZONTAL MOVEMENT IN ALL DIRECTIONS.
- ALL WALL PARTITIONS GREATER THAN 6'-0" IN HEIGHT SHALL BE INDEPENDENTLY BRACED TO THE BUILDING SHELL STRUCTURE. WALL PARTITIONS MAY NOT BE SUPPORTED BY THE SUSPENDED CEILING ALONE.
- IN ADDITION TO ITEMS 1 THROUGH 5 ABOVE, SUSPENDED CEILING EXCEEDING 1000 SQUARE FEET IN AREA REQUIRE FOUR NO. 12 GAUGE SPLAY WIRES AND A RIGID VERTICAL COMPRESSION STRUT EVERY 12'-0" ON CENTER STARTING A MAXIMUM OF 6'-0" FROM EACH WALL. THE SPLAY WIRES SHALL BE SECURED TO THE MAIN RUNNER WITHIN 2' OF THE CROSS RUNNER INTERSECTION AND SPLAYED 30 DEGREES FROM EACH OTHER AT AN ANGLE NOT EXCEEDING 45 DEGREES FROM THE PLANE OF THE CEILING.
- IN ADDITION TO ITEMS 1 THROUGH 6 ABOVE, SUSPENDED CEILING EXCEEDING 2500 SQUARE FEET SHALL HAVE A SEPARATION JOINT OR A FULL HEIGHT WALL PARTITION SEPARATING THE SUSPENDED CEILING INTO AREAS LESS THAN 2500 SQUARE FEET.
- ALL BRACING WIRE TO BE TAUT AND TIED BOTH ENDS WITH A MINIMUM 4 TURNS.
- SECURE ALL WIRES TO THE ROOF STRUCTURE ABOVE AS GENERALLY RECOMMENDED BY THE MANUFACTURER AND AS INDICATED BY THESE DRAWINGS.

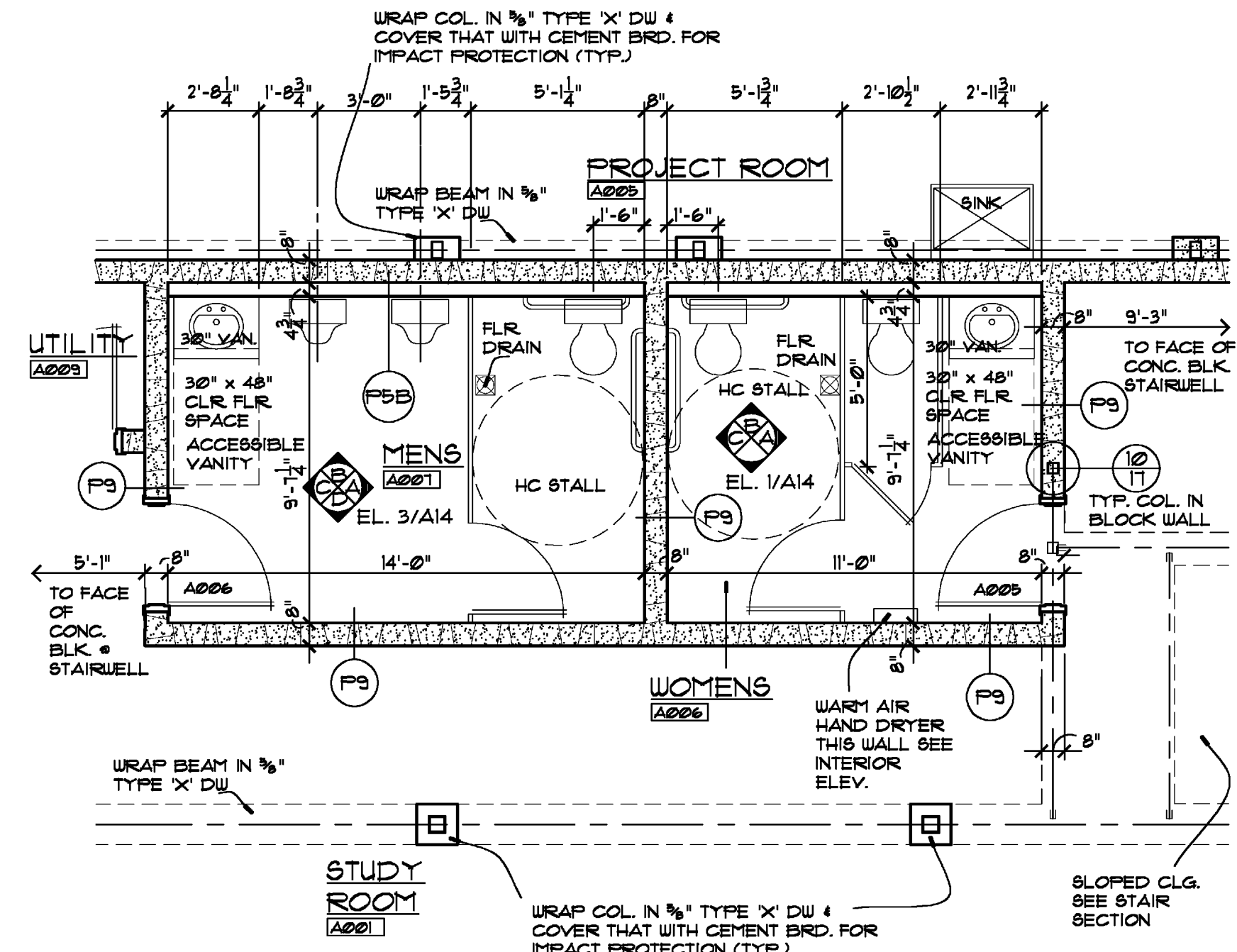


2 PUBLIC RESTROOM REFLECTED CLG. PLAN
1/4" = 1'-0"

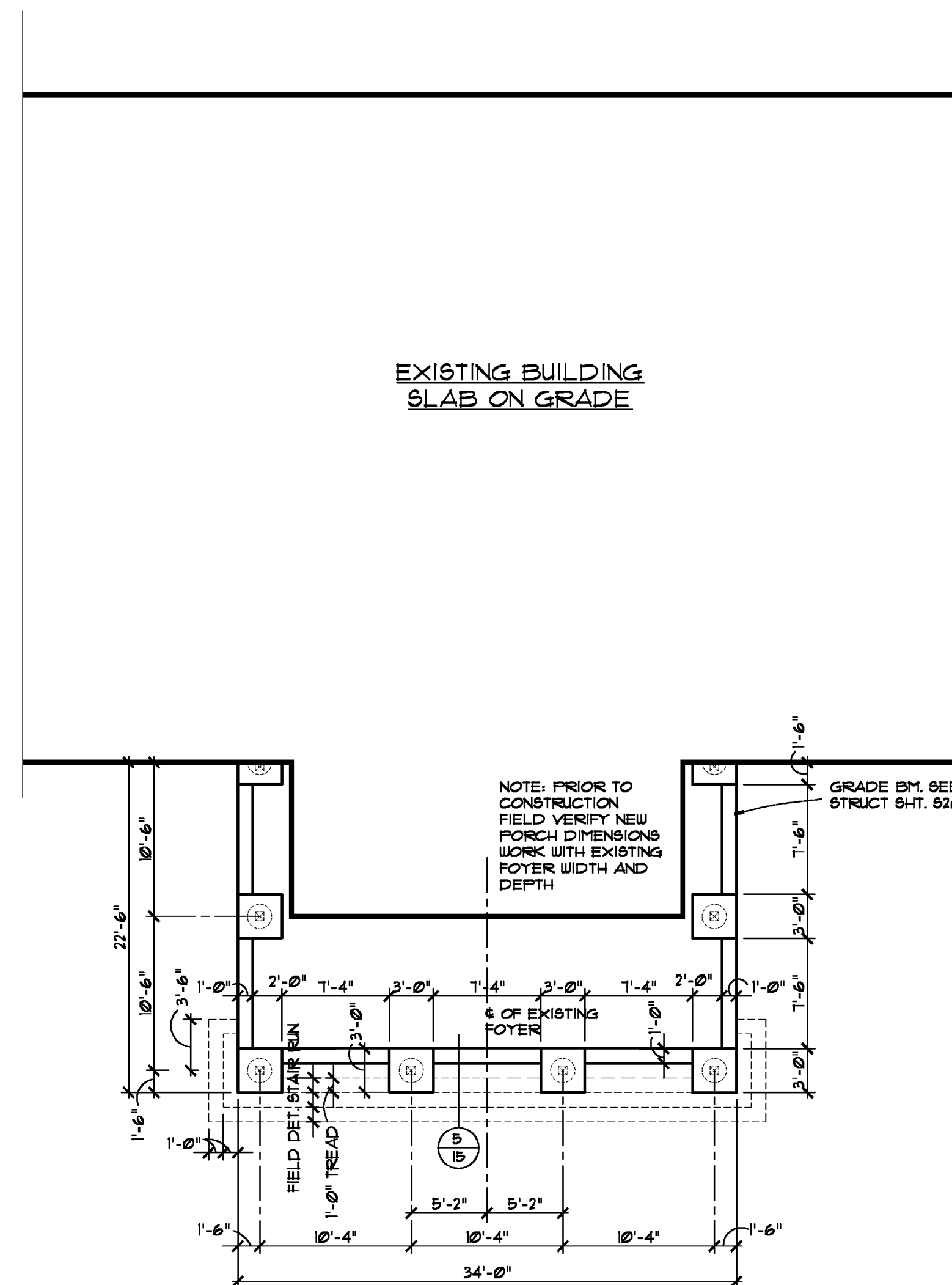


FOUNDATION/BASEMENT PLAN-NEW ADDITION

1/8" = 1'-0"



1 PUBLIC RESTROOM ADDITION
1/4" = 1'-0"



FOUNDATION PLAN-NEW PORCH

1/8" = 1'-0"

SEE STRUCTURAL SHEET 5203 FOR ADDITIONAL INFORMATION

CONSTRUCTION DRAWINGS OF:

Beta Chi of Kappa Sigma
Rolla Missouri

BASEMENT/
FOUNDATION PLAN
NEW ADDITION

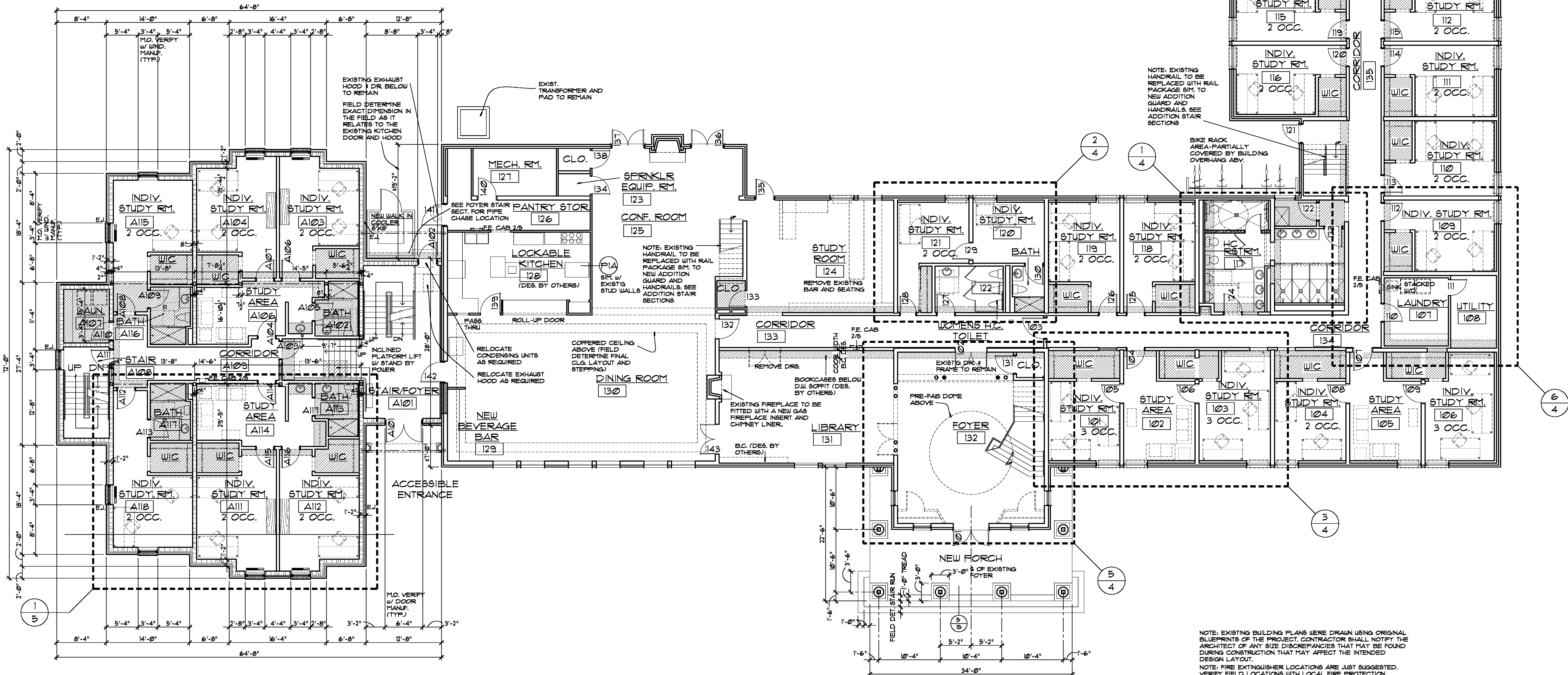
A1

sheet:

of 35

date: 05/11/10
revised:

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dickbuscharchitects.com



sheet:

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FIRST FLOOR PLAN-
EXISTING BLDG. AND
NEW ADDITION
1/8" SCALE

CONSTRUCTION DRAWINGS OF:

Beta Chi of Kappa Sigma
Rolla Missouri



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date: 05/11/10
revised:



OCC. 12 o 3324 SF SECOND FLOOR
WITHOUT STAIRS



OCC. 39

NOTE: FIRE EXTINGUISHER LOCATIONS ARE JUST SUGGESTED.
VERIFY FIELD LOCATIONS WITH LOCAL FIRE PROTECTION
DISTRICT.

HATCHING ON PLAN INDICATES
1'-4" AFF DROPPED CEILING OR
SOFFITED AREAS FOR SPRINKLER
LINE CHASE AND MISC. DUCT RUNS

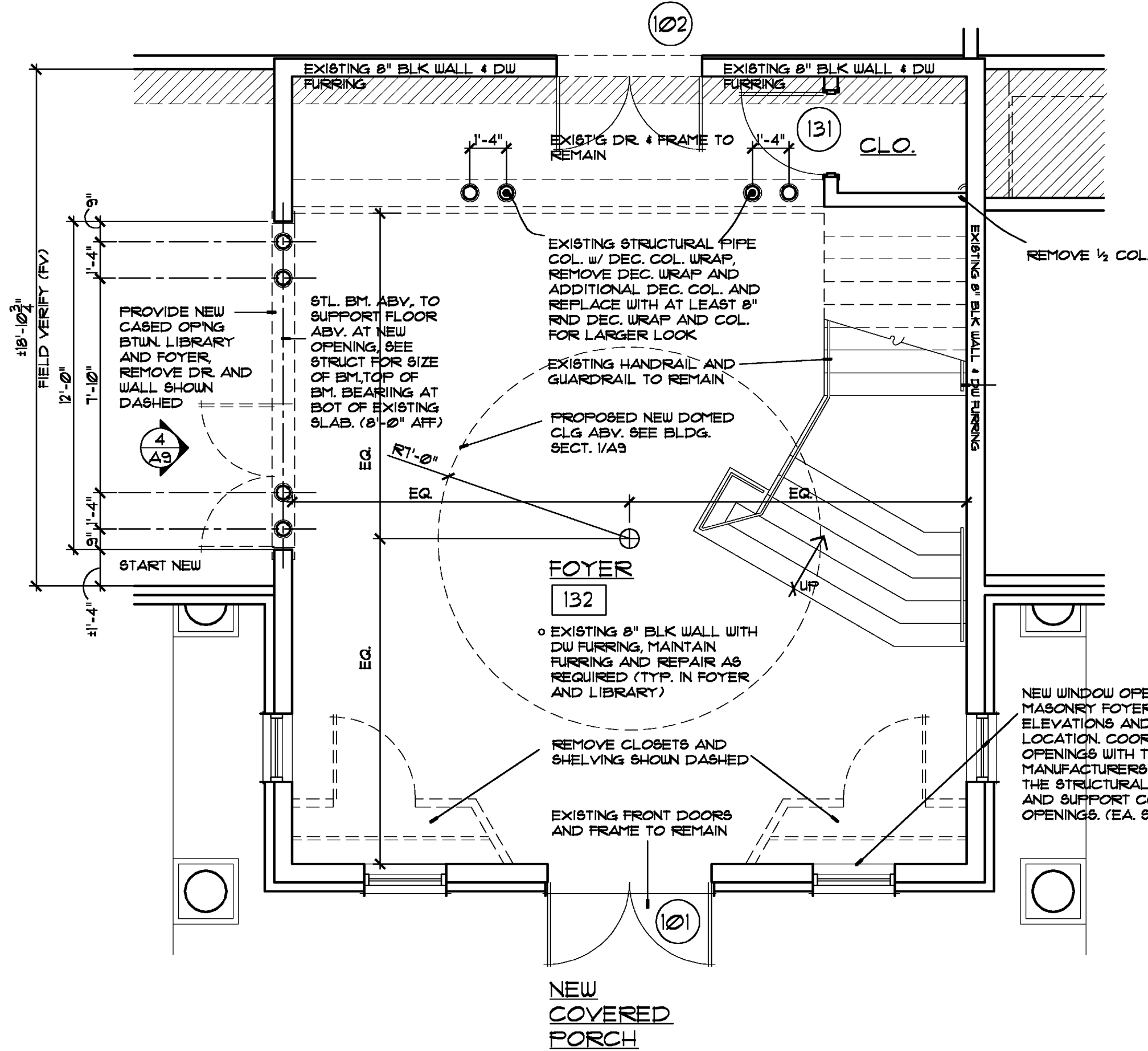
NOTE: PACK SOFFIT WITH INSULATION AT OUTSIDE WALL & PROVIDE VENT GRILLES TO HALL FOR AIR FLOW INTO SOFFIT AREA

FLOOR PLAN DRAWING NOTES

- 1. NOTE REGARDING DESIGN / BUILD WORK
THE WORK SHOWN ON THESE DOCUMENTS RELATING TO THE MECHANICAL, ELECTRICAL, AND PLUMBING WORK (MEP) IS PERFORMANCE RELATED AND IS INCLUDED TO COMPLY WITH THE PERMITTING PROCESS ONLY.
MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION WORK SHALL BE PERFORMED ON A DESIGN / BUILD BASIS. THE CONTRACTOR PERFORMING THE WORK SHALL TAKE FULL RESPONSIBILITY FOR COMPLETE DESIGN DOCUMENTATION AND TO PERFORM THE WORK IN COMPLIANCE WITH THE REQUIRED CODES. ADDITIONAL FIXTURES AND COORDINATION WITH THE ARCHITECTURAL DRAWINGS MAY BE REQUIRED. THE ARCHITECT MAKES NO REPRESENTATION TO THE ACCURACY OR COMPLETENESS OF ANY MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION OR FIRE PROTECTION SHOWN ON THESE ARCHITECTURAL DRAWINGS.
- 2. NON-COMBUSTIBLE OUTLET BOXES ON OPPOSITE SIDES OF THE ASSEMBLY SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24".
- 3. EACH DESIGN BUILD CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING AND PROVIDING THE APPROPRIATE THROUGH FIRESTOP SYSTEM FOR THEIR WORKS PENETRATIONS AT FIRE-RATED WALL OR FLOOR SYSTEMS.

ACCESSIBILITY NOTES

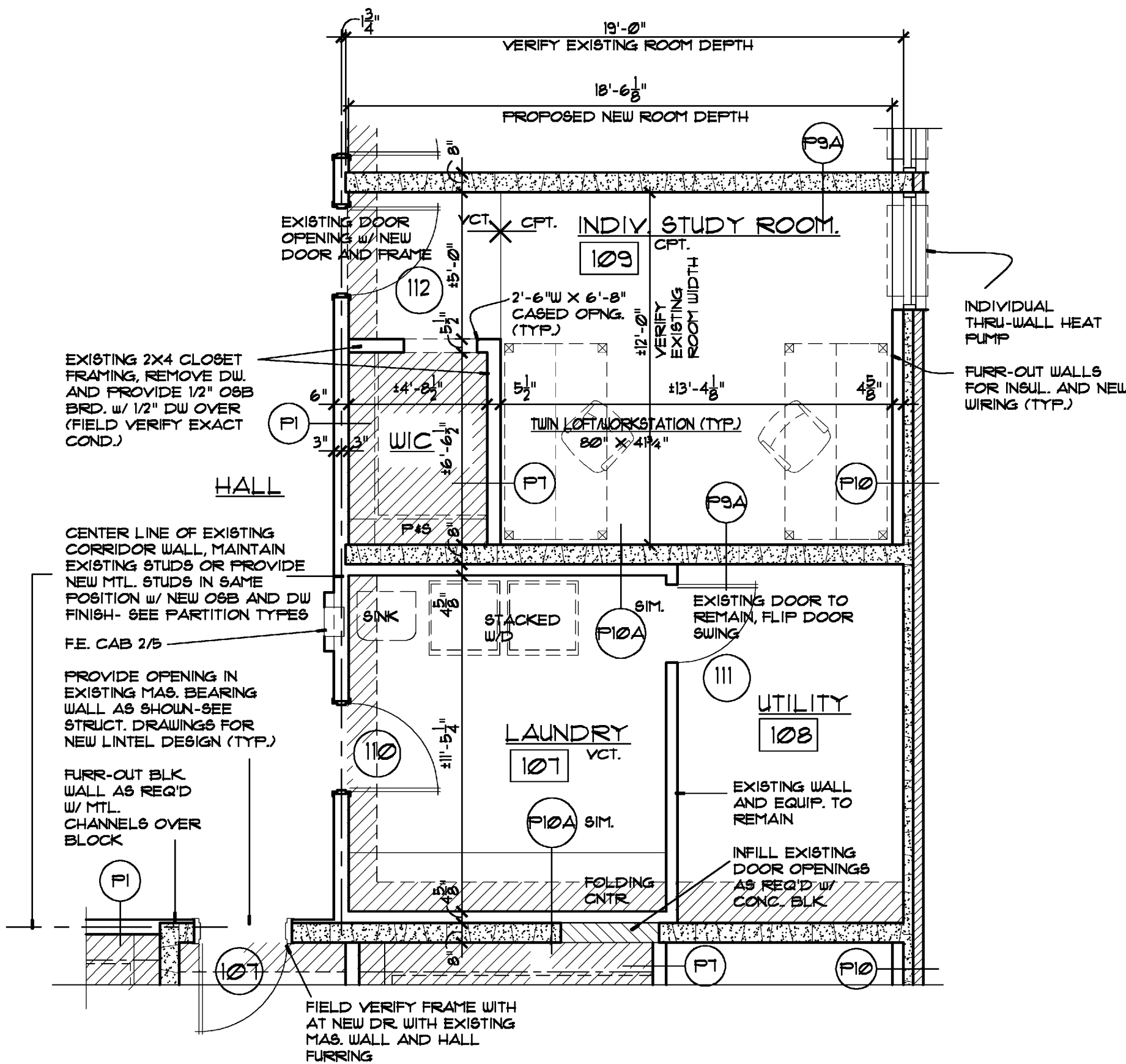
- 1. TYPE B DWELLING UNITS: SHALL COMPLY WITH ICC/ANSI A117.
A TYPE 'B' UNIT IS DESIGNED AND CONSTRUCTED FOR ACCESSIBILITY IN ACCORDANCE WITH THE ICC/ANSI A117 AND INTENDED TO BE CONSISTENT WITH THE TECHNICAL REQUIREMENTS FOR FAIR HOUSING REQUIRED BY FEDERAL LAW.
- 2. OPERABLE PARTS AND CONTROLS FOR TYPE A AND B DWELLING UNITS: SHALL COMPLY WITH ICC/ANSI A117. LIGHTING CONTROLS, ELECTRICAL RECEPTACLES, THERMOSTATS, USER CONTROLS SUCH AS SECURITY OR INTERCOM SHALL COMPLY WITH CLEAR FLOOR SPACES SHOWN IN PLAN AND REACH RANGES AS FOLLOWS. UNOBSTRUCTED FORWARD REACH SHALL BE 48" MAXIMUM AND 15" MINIMUM ABOVE THE FINISHED FLOOR WHERE THE FORWARD REACH OCCURS OVER A COUNTER THE HEIGHT IS REDUCED TO 44" MAXIMUM ABOVE THE FLOOR.
- 3. TOILET AND BATHING FACILITIES IN TYPE B DWELLING UNITS SHALL COMPLY WITH THE ICC/ANSI A117. THESE UNITS SHALL COMPLY WITH SINGLE ACCESSIBLE FIXTURE REQUIREMENTS. SEE PLANS FOR LOCATION OF ACCESSIBLE BATHS.
- 4. WALL REINFORCING FOR FUTURE GRAB BARS IN TYPE B DWELLING UNITS SHALL COMPLY WITH THE ICC/ANSI A117 AND FAIR HOUSING ACT DESIGN MANUAL CHAPTER 1B : USABLE BATHROOMS



5 EXISTING FOYER
1/4" = 1'-0"

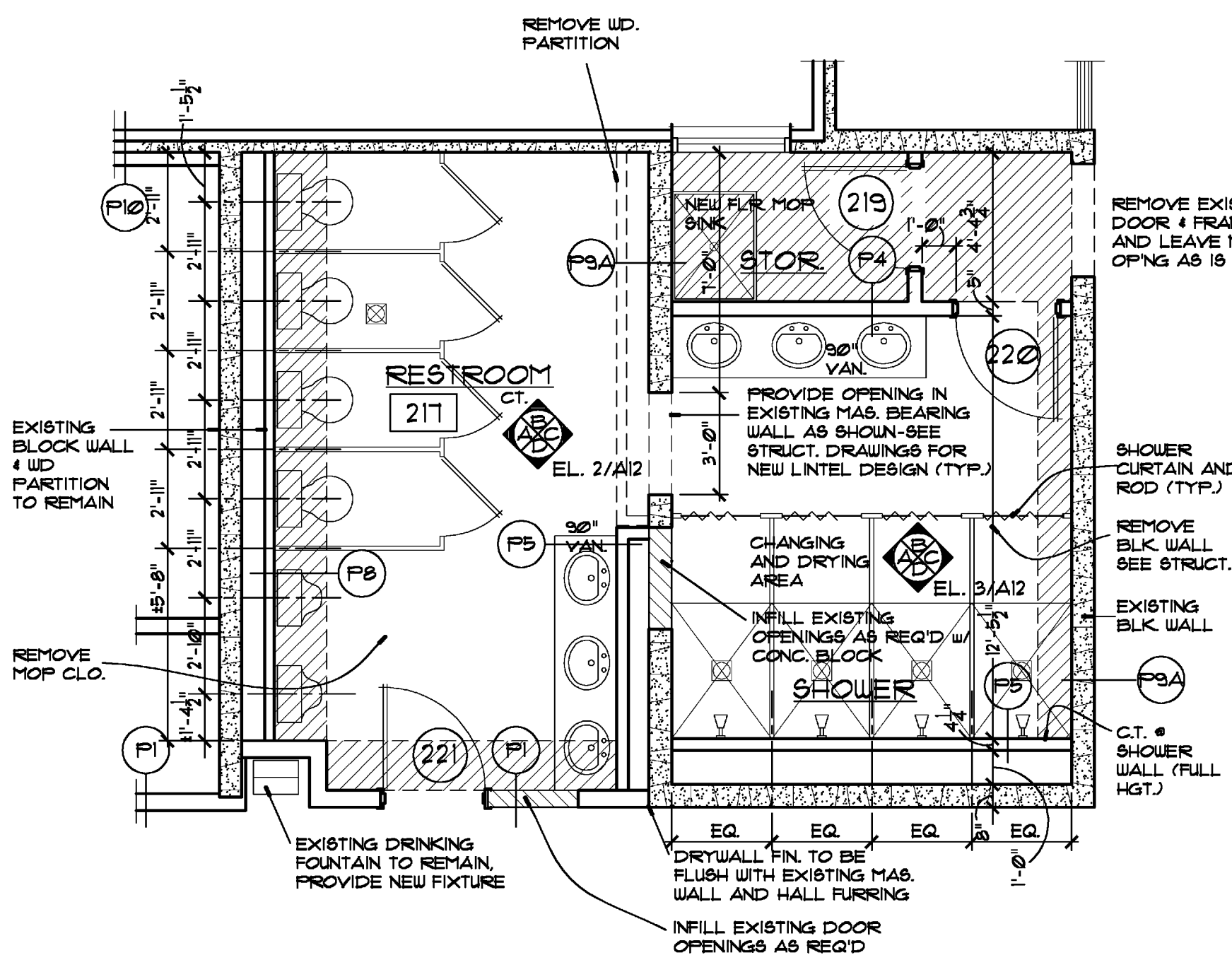
FIRST FLOOR

HATCHING ON PLAN INDICATES 1'-4" AFF DROPPED CEILING OR BOPPED AREAS FOR SPRINKLER LINE CHASE AND MISC. DUCT RUNS



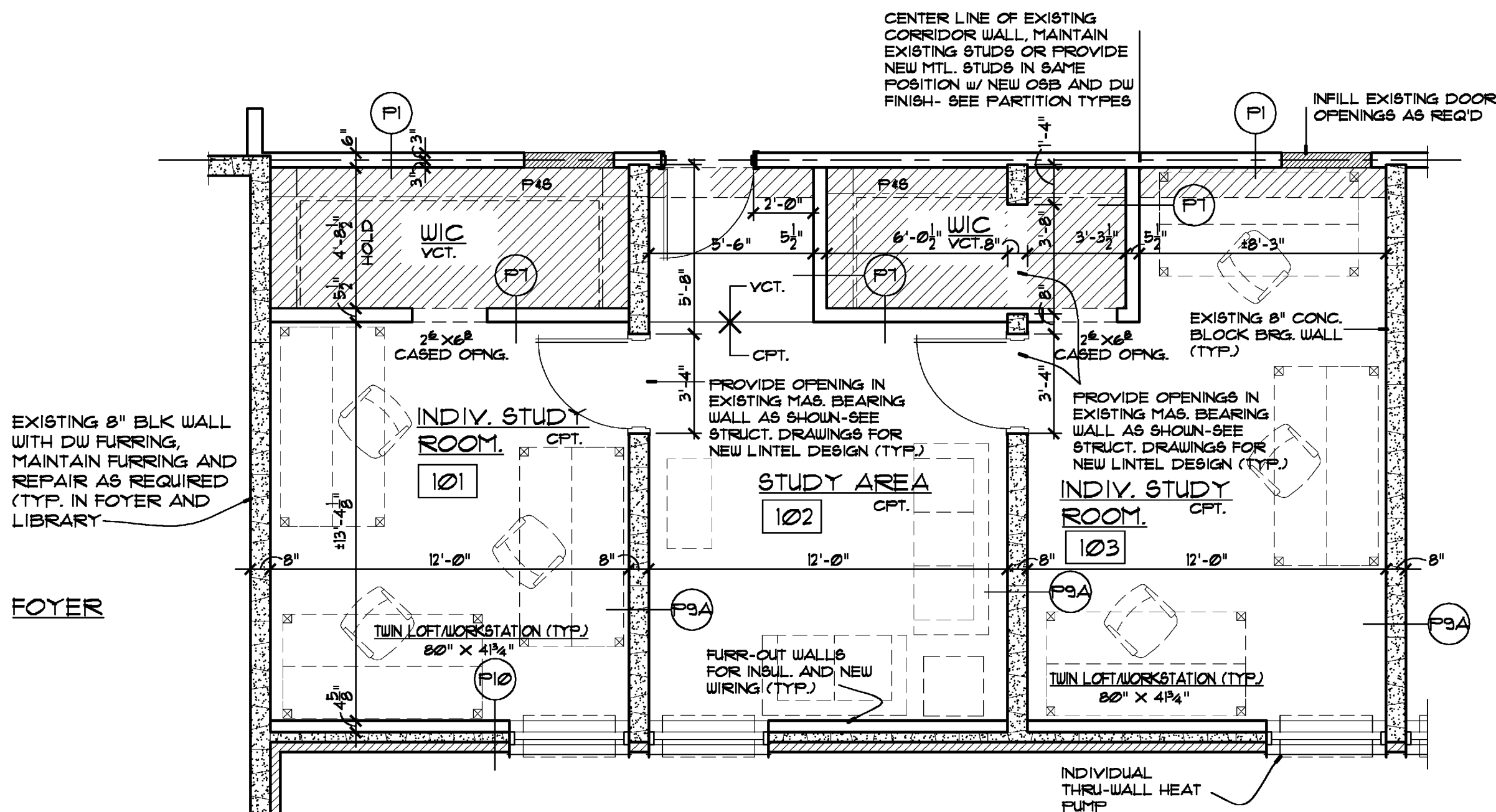
6 LAUNDRY and DBL RM.
END OF HALL
1/4" = 1'-0"

FIRST FLOOR



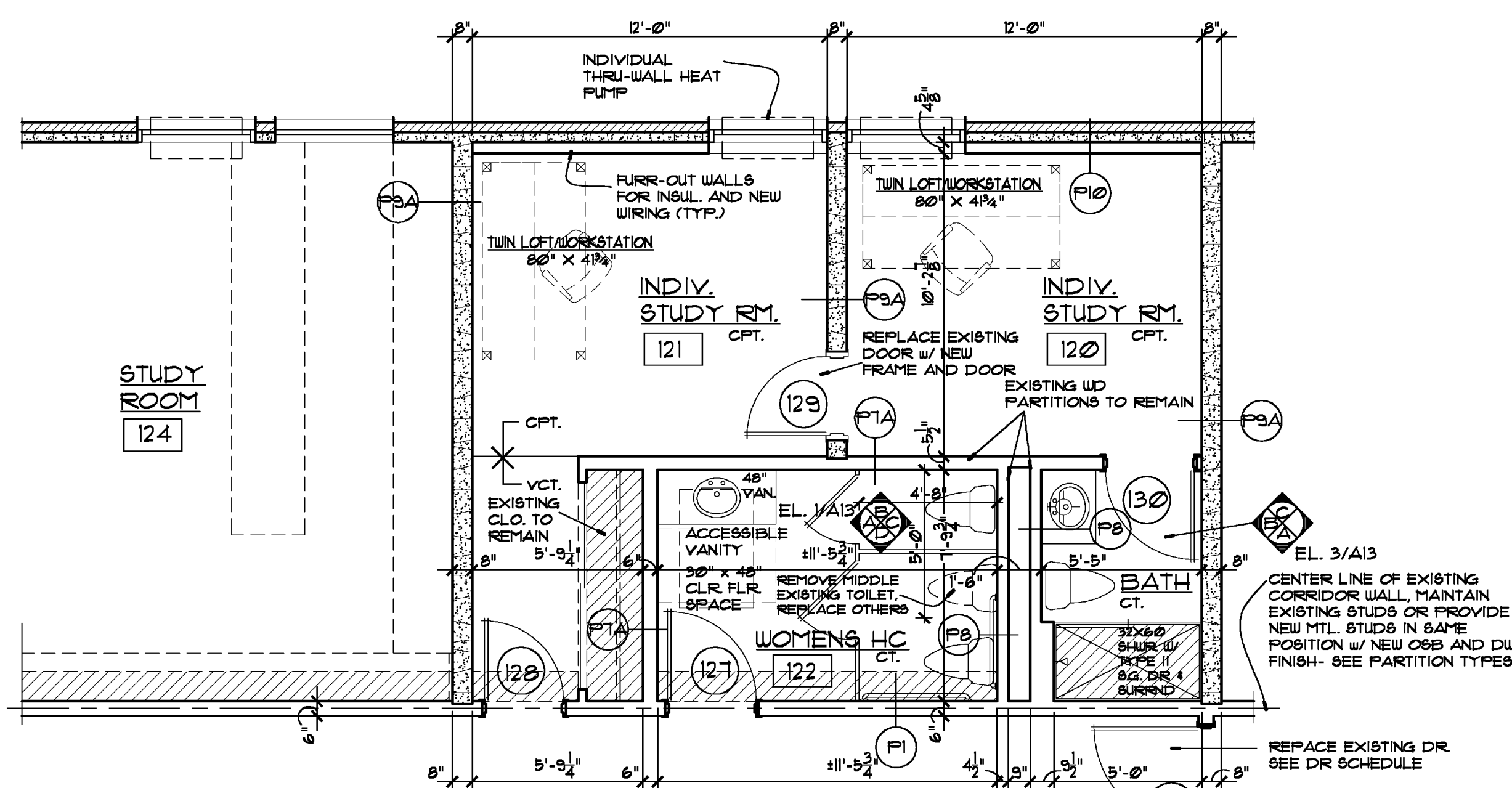
4 RESTROOM END OF HALL
1/4" = 1'-0"

SECOND FLOOR RESTROOM
NOTE: PROVIDE ALT. FOR CEMENT BOARD IN LUE OF WATER RESISTANT DRYWALL IN GANG BATHS

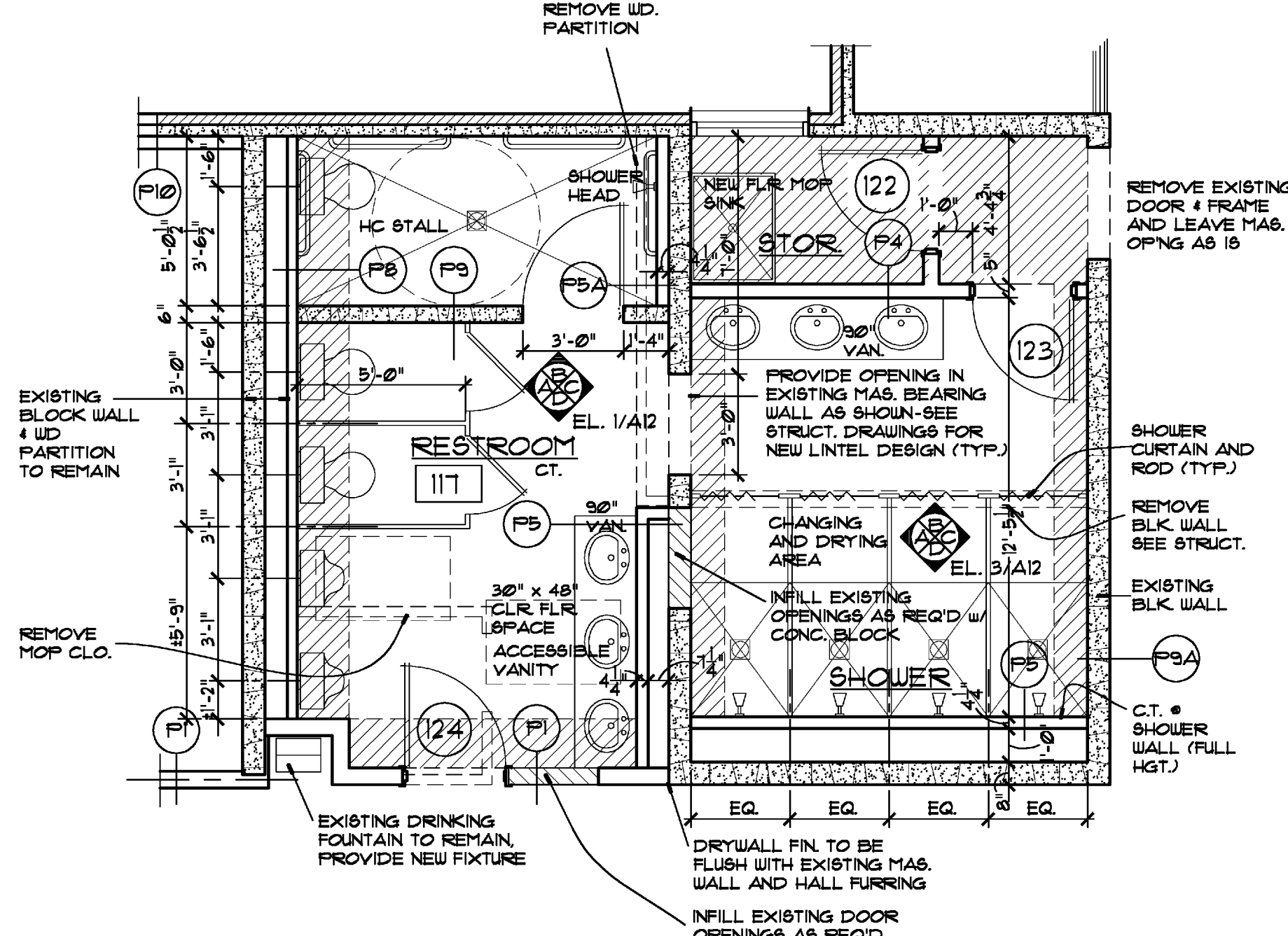


3 TYPICAL SUITE EXISTING BUILDING
1/4" = 1'-0"

630 SF / SUITE (inside face of conc blk)

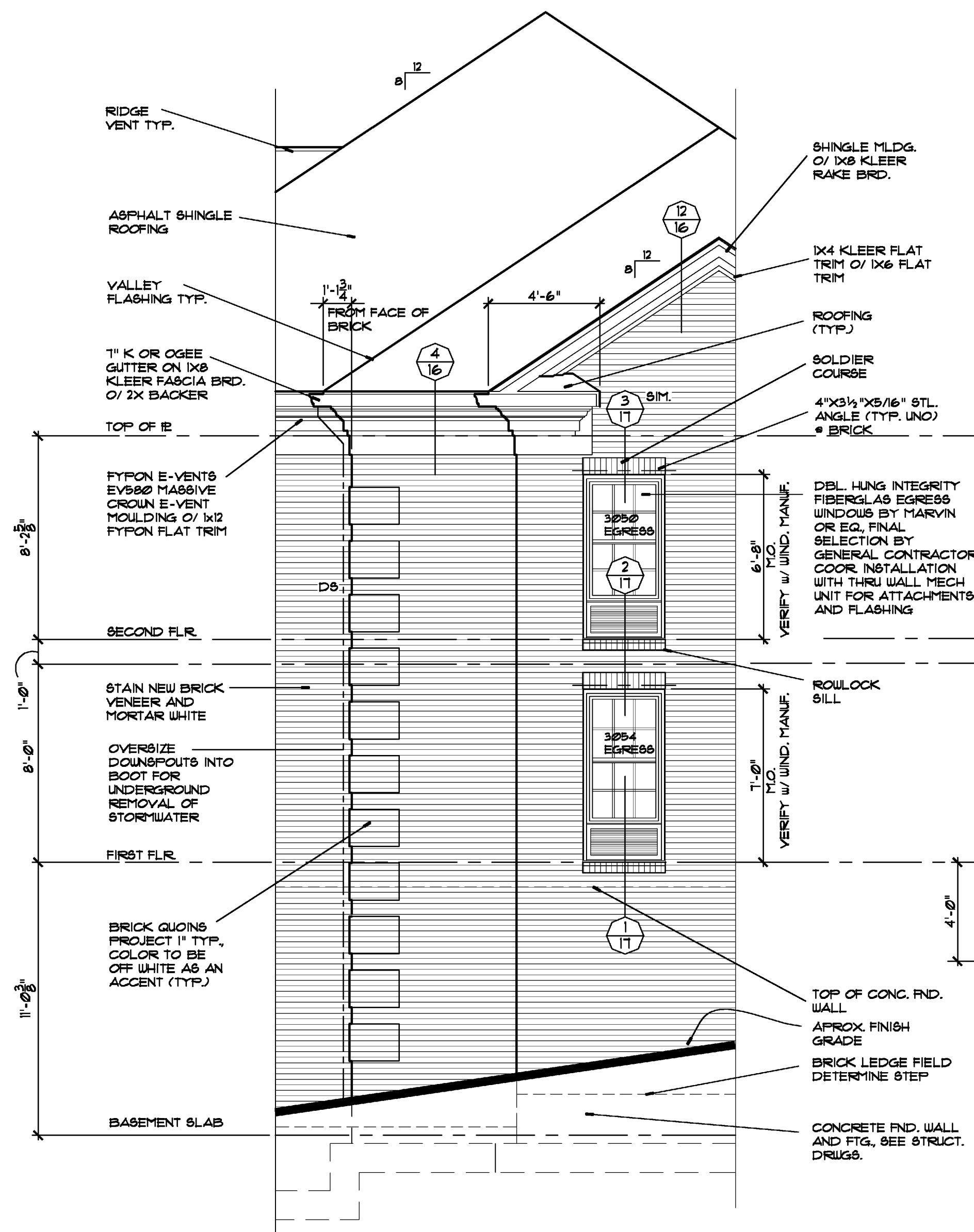


2 RESTRMS and SGL. SUITE OFF FOYER
1/4" = 1'-0"

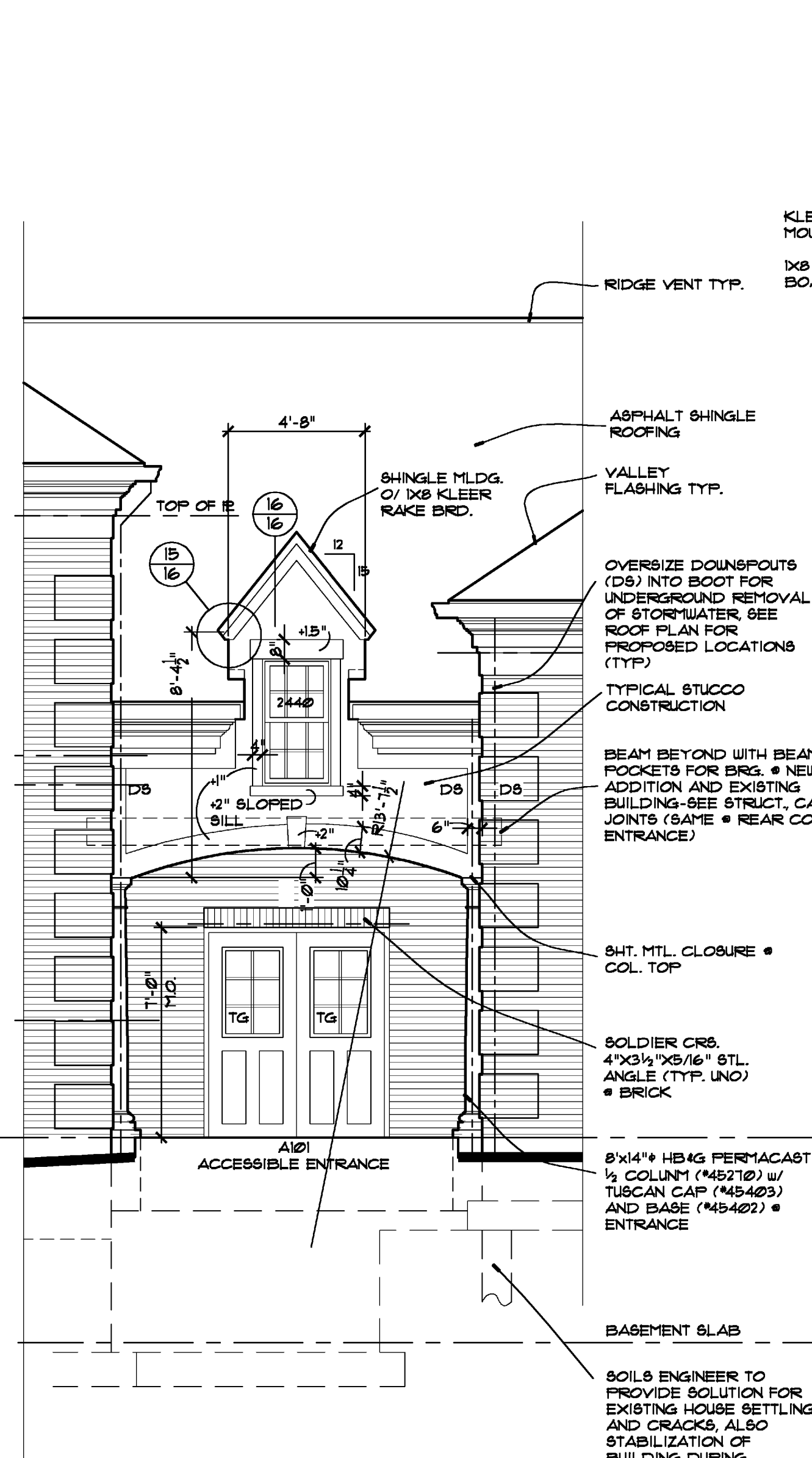


1 RESTROOM END OF HALL
1/4" = 1'-0"

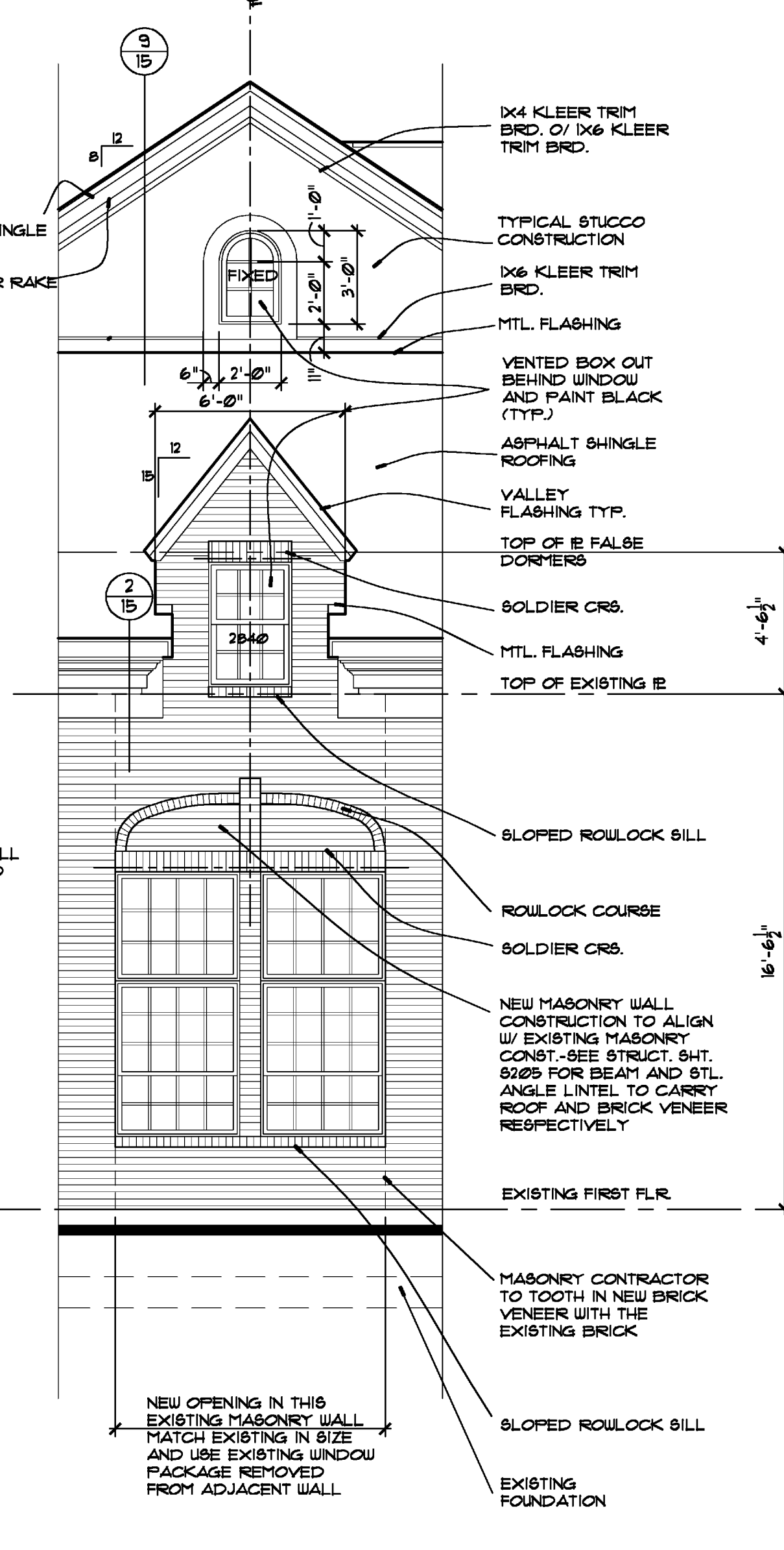
ACCESSIBLE FIRST FLOOR RESTROOM
NOTE: PROVIDE ALT. FOR CEMENT BOARD IN LUE OF WATER RESISTANT DRYWALL IN GANG BATHS



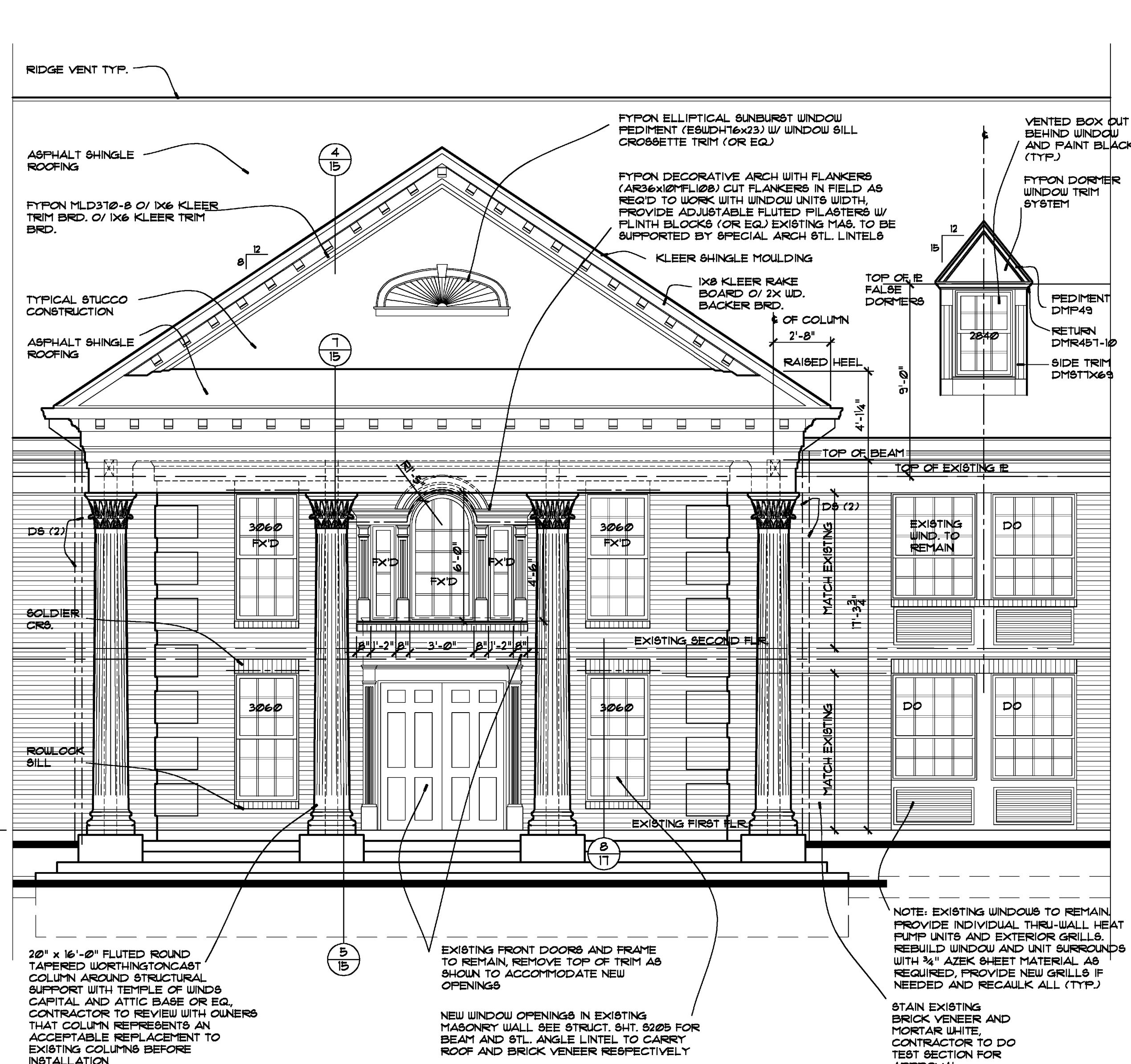
4 PARTIAL FRONT ELEV.
1/4" = 1'-0"



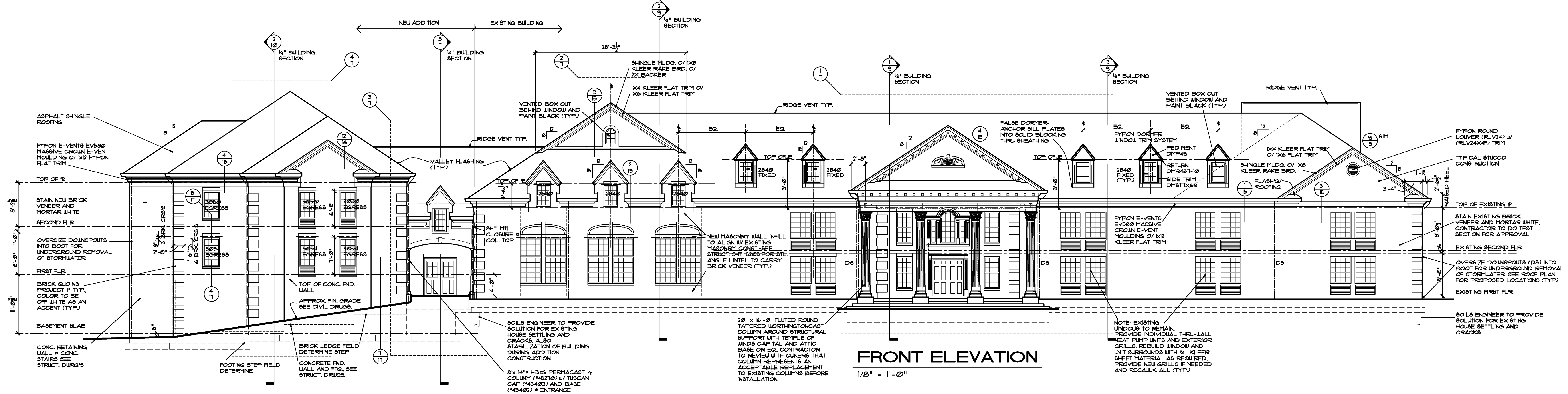
3 PARTIAL FRONT ELEV.
ACCESSIBLE ENTRANCE
1/4" = 1'-0"



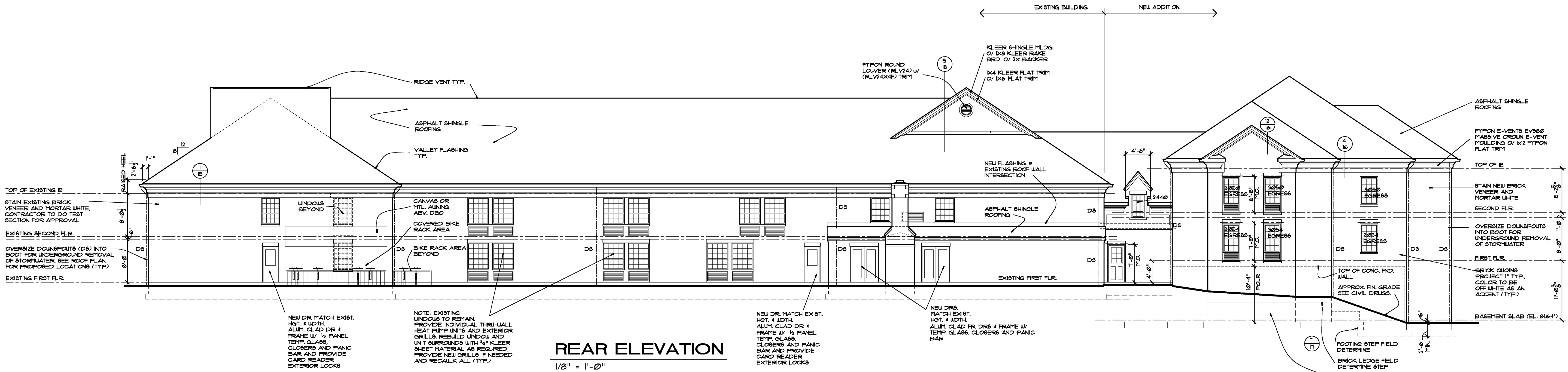
2 PARTIAL FRONT ELEV.
NEW MASONRY OPENING
1/4" = 1'-0"



1 PARTIAL FRONT ELEV.
NEW COVERED PORCH ENTRY
1/4" = 1'-0"



FRONT ELEVATION
1/8" = 1'-0"

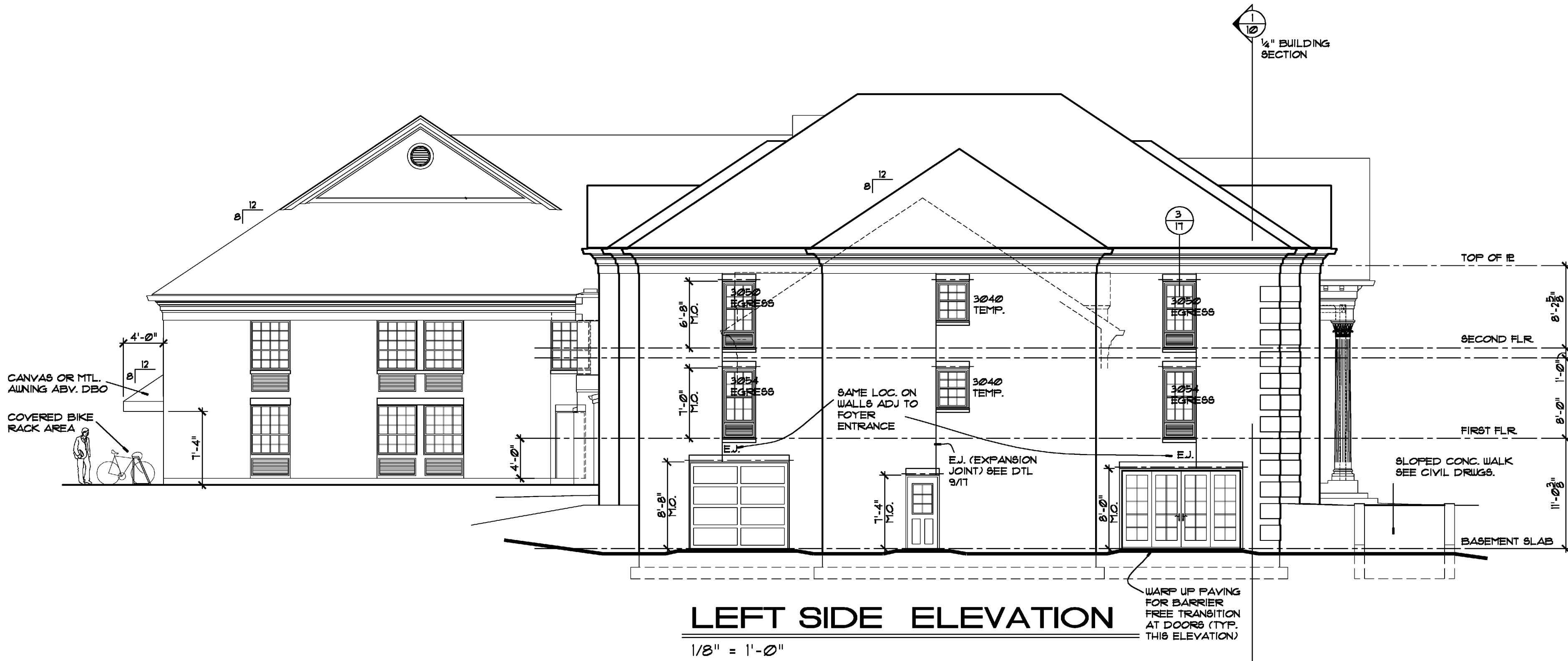


REAR ELEVATION

1/8" = 1'-0"

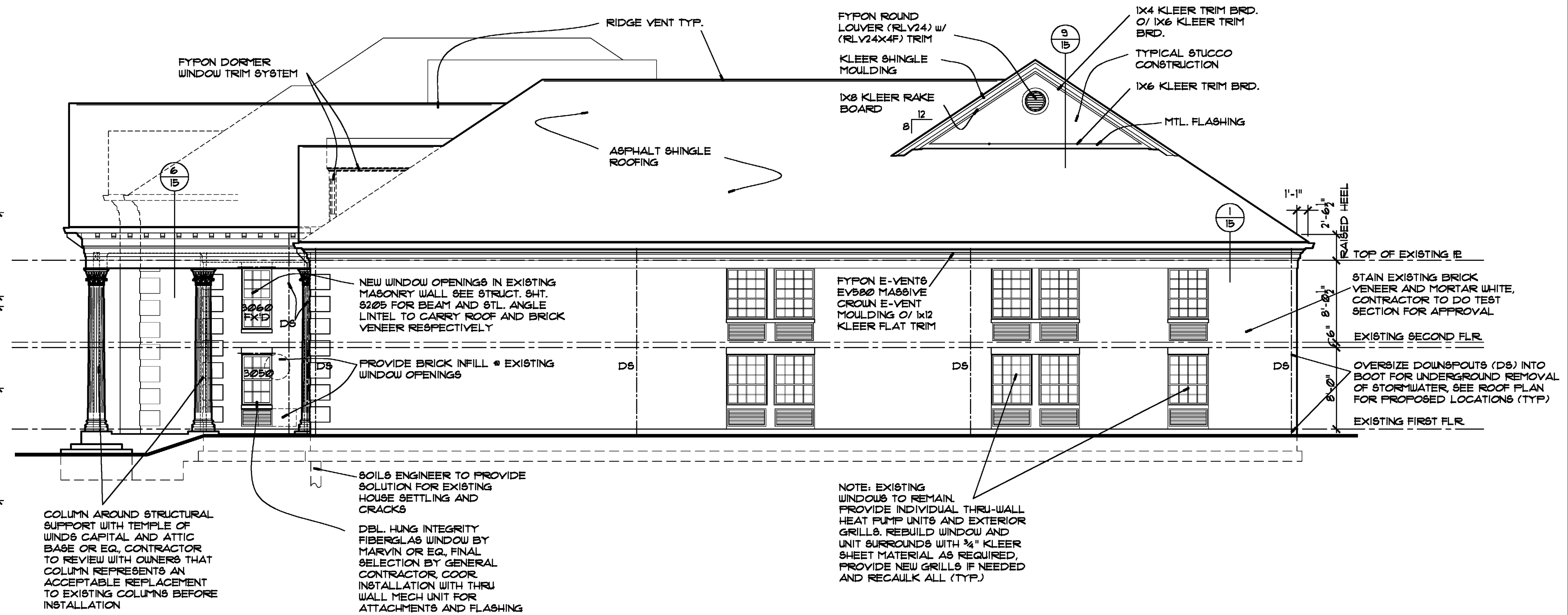
ELEVATION DRAWING NOTES

1. FOOTINGS & PIERS: SHALL EXTEND A MINIMUM OF 2'-6" BELOW FINISHED GRADE AND BEAR ON UNDISTURBED SOIL OR PREPARED FILL.
2. BRICK VENEER: ALL SOLDIER AND ROLLOCK HEADERS, SILLS AND TRIM TO PROJECT 3/4", UNLESS NOTED OTHERWISE.
3. ROOF FLASHING: PROVIDE CORROSION-RESISTANT METAL FLASHING AT ALL ROOF VALLEYS, WALL AND CHIMNEY INTERSECTIONS, PORCHES, DECKS, ETC.
OPEN VALLEYS: LINING TO BE CORROSION RESISTANT METAL FLASHING A MIN. OF 24" WIDE.
CLOSED VALLEYS: MIN. ONE PLY OF SMOOTH ROLL ROOFING (TYPE II OR III) A MINIMUM OF 36" WIDE.
4. GENERAL CONTRACTOR SHALL CONFIRM USE OF ALL TRIM ACCESSORIES AND MODEL NUMBERS WITH SUPPLIER BEFORE ORDERING.



LEFT SIDE ELEVATION

1/8" = 1'-0"



RIGHT SIDE ELEVATION

1/8" = 1'-0"

sheet:

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REAR, RIGHT AND LEFT
SIDE ELEVATIONS - 1/8"
SCALE

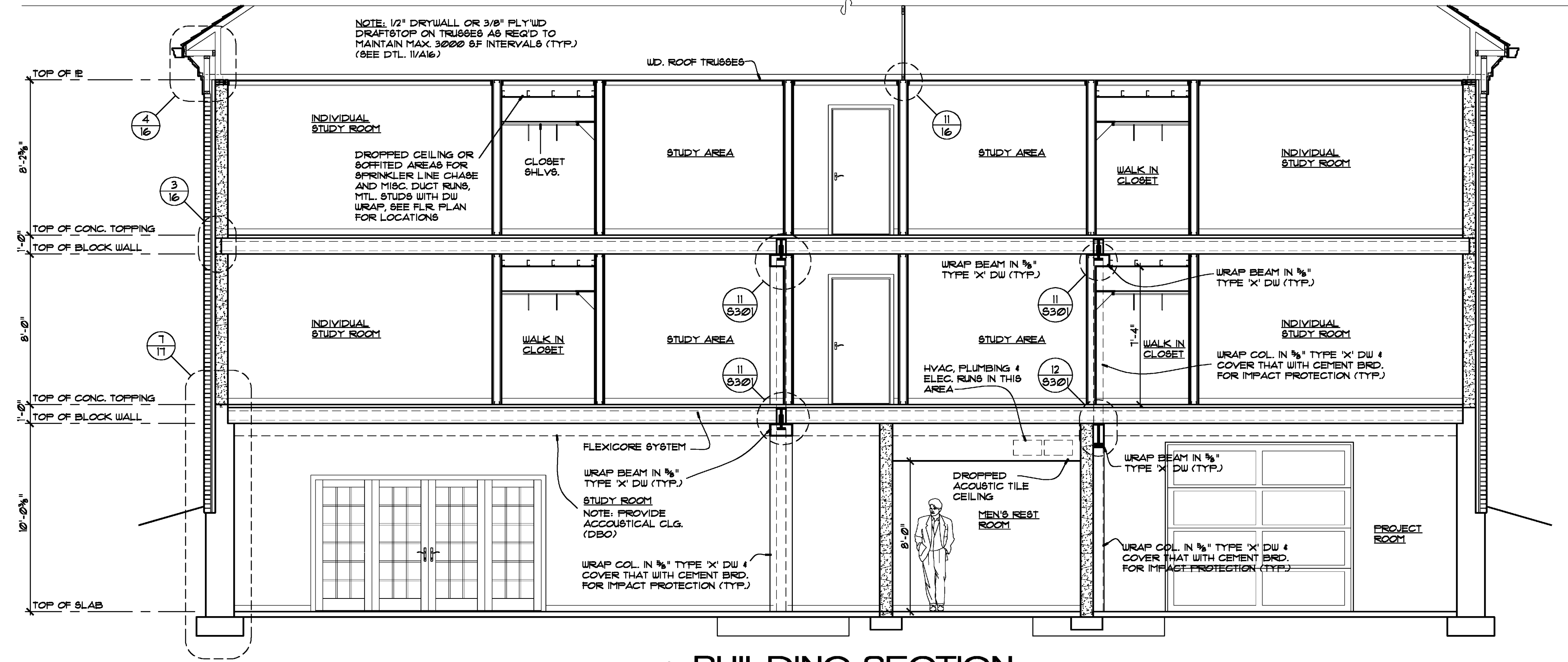
CONSTRUCTION DRAWINGS OF:

Beta Chi of Kappa Sigma
Rolla Missouri

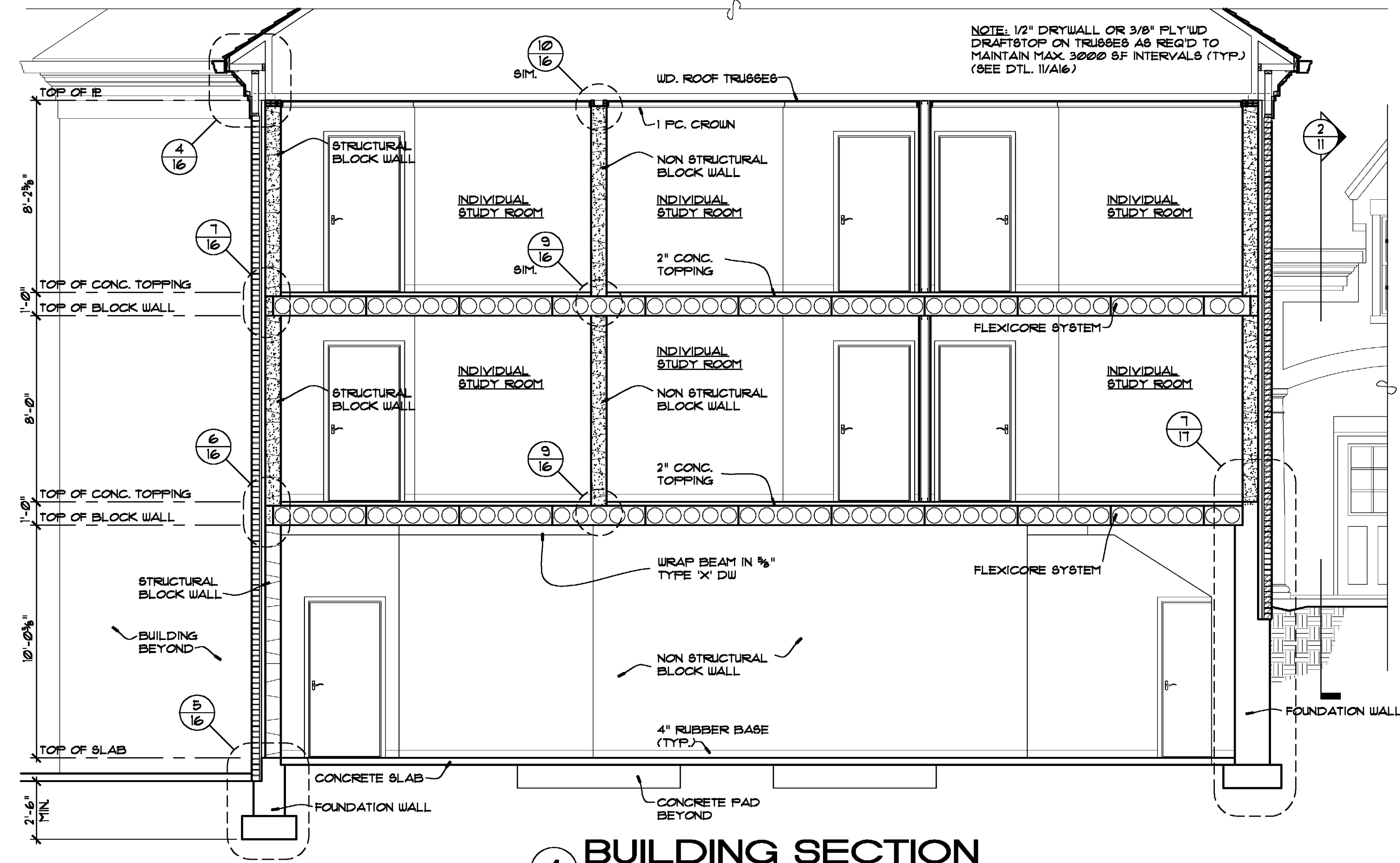
date: 05/11/10
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2 BUILDING SECTION
1/4" = 1'-0"



1 BUILDING SECTION
1/4" = 1'-0"