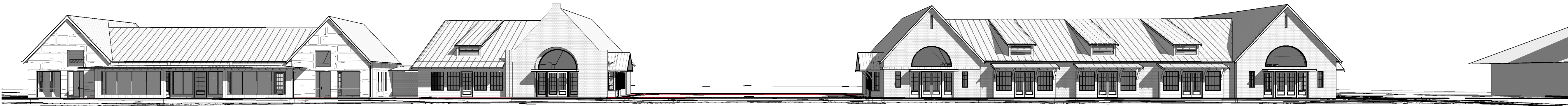


NEW COMMERCIAL BUILDINGS
ROSS BRIDGE



(vicinity map)

Sheet List	
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STATE OF ALABAMA
BRIAN ALLAN B. EYTT
JUL 20
BIRMINGHAM, AL
REGISTERED ARCHITECT

NOT FOR CONSTRUCTION

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NEW COMMERCIALS BUILDING FOR:
ROSS BRIDGE VILLAGE CENTER
Hoover, Alabama

SCHEMATIC DESIGN

Revision Schedule	
Revision Date	Revision Number
REVISIONS	
DATE	10.20.2017
PROJECT NUMBER	17-041
SHEET TITLE	Title
SHEET NUMBER	A0.0
OF	
PM: Author	CB: Checker

A.C.	ABOVE FINISHED FLOOR
A.C.F.	ACOUSTICAL CEILING TILE
ADD.	ADDENDUM
ADJ.	ADJUSTABLE (MENT)
A/C	AIR CONDITIONING
ALT.	ALTERNATE
ALUM.	ALUMINUM
A.S.	ANCHOR BOLT
ANOD.	ANODIZED
APPROX.	APPROXIMATE (LY)
BSMT.	BASEMENT
B.P.L.	BEARING PLATE
B.M.	BENCH MARK
BEL.	BELOW
BM.	BEAM
BRG.	BEARING
BLK.	BLOCK
BD.	BOARD
BOT.	BOTTOM
BRK.	BROCK
BLDG.	BUILDING
	BUILT UP ROOFING
CAB.	CABINET
CPT.	CARPET
CSMT.	CASEMENT
CLG.	CEILING
CER.	CEMENT
CEM.	CERAMIC
C.T.	CERAMIC TILE
C.M.T.	CERAMIC MOSAIC TILE
CLRC (CLCE)	CLEAR (ANCE)
C.O.	CLEAN OUT
CLO.	CLOSET
COL.	COLUMN
CO.	COMPANY
CONC.	CONCRETE
C.M.U.	CONCRETE MASONRY UNIT
CONST.	CONSTRUCTION
C.J.T.	CONTROL JOINT
CORR.	CORRUGATED
CUTR.	COUNTERTOP
CF.	CUBIC FOOT
CY.	CUBIC YARD
DEFES.SYS.	DEFLECTED EXTERIOR FINISH SYSTEM
D.L.	DIRECT APPLIED
DTL.	DETAIL
DIAM.	DIAMETER
DIM.	DIMENSION
DR.	DOOR
DN.	DOWN
DS.	DOWNSPOUT
DWR.	DRAWER
DWG.	DRAWING
D.F.	DRINKING FOUNTAIN
E.	EAST
E.I.F.S.	EXTERIOR INSULATED FINISHING SYSTEM
ELEC.	ELECTRIC (AL)
EL.	ELEVATION
ELEV.	ELEVATION
ELV.	ELEVATION
EMER.	EMERGENCY
ENCL.	ENCLOSE (URE)
EQ.	EQUAL
EXH.	EXHAUST
EXIST.	EXISTING
E.V.	EXPANSION JOINT
EWC.	ELECTRIC WATER COOLER
EXP.	EXPOSED
EXT.	EXTERIOR
F.W.C.	FABRIC WALL COVERING
F.O.S.	FACE OF STUDS
FAS.	FASTEN (ER)
F.F.	FIBERGLASS/INSULSHER CABINET
FHC.	FIRE HOSE CABINET
FGL.	FIBERGLASS
FIN.	FINISH (ED)
FL.	FLOOR
FLD.	FLOOR DRAIN
FLUOR.	FLUORESCENT
FT.	FOOT (FEET)
FTG.	FOOTING
FND.	FOUNDATION
FUT.	FUTURE
F.R.	FIRE RATED
G.	GAGE, GAUGE
GLV.	GALVANIZED
G.I.	GALVANIZED IRON
GEN.	GENERAL CONTRACT (OR)
GL.	GLASS, GLAZING
GRD.	GRADE
GP. BD.	GYPSUM WALLBOARD
GWB	GYPSUM WALLBOARD
HCB	HANDICAP
HR.	HOUR
HDW.	HARDWARE
HWD.	HARDWOOD
HDR.	HEADER
HTG.	HEATING
HVAC.	HEATING/VENTILATION
H.O.	HEAVY DUTY
H.D.	HEAVY OPEN
HT.	HEIGHT
H.M.C.	HOLLOW CORE
H.M.	HOLLOW METAL
HOR.	HORIZONTAL
HBR.	HOSE BIB
H.W.H.	HOT WATER HEATER
IN.	INCH
INCL.	INCLUDE (D), (ING)
I.D.	INSIDE DIAMETER
INSUL.	INSULATE (D), (ION)
INT.	INTERIOR
INV.	INVERT
J.T.	JANITOR'S CLOSET
JO.	JOINT
JST.	JOIST
KIT.	KITCHEN
KD.	KNOCKDOWN
K.O.	KNOCKOUT
L.B.L.	LABEL
LAB.	LABORATORY
LAD.	LADDER

AM. LAMINATE (D)
 LAV. LAVATORY
 L.H. LEFT HAND
 L. LENGTH (LONG)
 LT. LIGHT
 LT.WT. LIGHTWEIGHT
 L.F. LINEAR FOOT
 L.V. LIVE LOAD
 LVR. LOUVER
 LUM. LUMINOUS
 MH. MANHOLE
 MFR. MFR. (STRUCTURE FIBER)
 MDF. MEDIUM DENSITY FIBERBOARD
 MAS. MASONRY
 M.O. MASONRY OPENING
 MR. MOISTURE RESISTANT
 MATL. MATERIAL (S)
 MAX. MAXIMUM
 MECH. MECHANIC (S)
 M. METER (S)
 MM. MILLIMETER (AL)
 MWK. MILLWORK
 MIN. MINIMUM (S)
 MSC. MISCELLANEOUS
 MOD. MODULE
 MT. MOUNT (ED), (ING)
 MOV. MOVABLE
 MULL. MULLION
 NAT. NATURAL
 N.R. NOISE REDUCTION
 N.R.C. NOISE REDUCTION COEFFICIENT
 NOM. NOMINAL
 N. NORTH
 N.I.C. NOT IN CONTRACT
 N.T.S. NOT TO SCALE
 O.C. ON CENTER
 O.F.C. OFFICE
 OPNG. OPENING
 OPP. OPPOSITE
 O.D. OUTSIDE DIAMETER
 PR. PAIR
 PNL. PANEL
 PAR. PARALLEL
 PK. PARKING
 PAY. PAYING
 PYMT. PAVEMENT
 PED. PEDESTAL
 PERF. PERFORATE (D)
 PERIM. PERIMETER
 P.L. PLASTIC LAMINATE
 PLAM. PLASTIC LAMINATE
 P.C.F. POUNDS PER CUBIC FOOT
 P.L.F. POUNDS PER LINEAR FOOT
 P.S.I. POUNDS PER SQUARE FOOT
 P.S.I. POUNDS PER SQUARE INCH
 PREFAB. PREFABRICATE (D)
 PREFIN. PREFINISHED
 P. PROPERTY LINE
 QTY. QUANTITY
 QTR. QUARTER (ED)
 RAD. RADIUS
 RECEP. RECEPTACLE
 REFRIG. REFRIGERATOR
 REG. REGISTER
 REINF. REINFORCE (D), (ING)
 R.C.P. REINFORCED CONCRETE PIPE
 REQD. REQUIRED
 R.A. RETURN AIR
 REV. REVISION (S), (ED)
 R.H. RIGHT HAND
 R.R. RIGHT HAND REVERSE
 R.O.W. RIGHT OF WAY
 R.D. ROOF DRAIN
 RFG. ROOFING
 RM. ROOM
 R.O. ROUGH OPENING
 SCHED. SCHEDULE
 SECT. SECTION
 SHTH. SHEATHING
 SIM. SIMILAR
 S.C. SOLID CORE
 S. SOUTH
 SPEC. SPECIFICATION (S)
 SQ. SQUARE
 S.S. STAINLESS STEEL
 STD. STANDARD
 STL. STEEL
 STOR. STORAGE
 S.D. STORM DRAIN
 STRUCT. STRUCTURAL
 SURF. SURFACE
 SUSP. SUSPENDED
 SYM. SYMMETRY (OR SYMBOL)
 TEL. TELEPHONE
 TV. TELEVISION
 THK. THICK (NESS)
 THRESH. THRESHOLD
 TAG. TONGUE AND GROOVE
 T.O.C. TOP OF CURB
 T.O.SL. TOP OF SLAB
 T.O.S. TOP OF STEEL
 T.O.W. TOP WALL
 TYP. TYPICAL
 U.L. UNDERWRITER'S LAB. INC.
 U.N.O. UNLESS NOTED OTHERWISE
 UR. URINAL
 VAR. VARIES
 VERT. VERTICAL
 VEST. VESTIBULE
 V.C.T. VINYL COMPOSITION TILE
 W.SCT. WAINSCOT
 W.H. WALL HUNG
 W.C. WATER CLOSET
 W.R. WATER REPELLANT (WATER RESISTANT)
 WT. WEIGHT
 W.W.F. WELDED WIRE FABRIC
 W. WEST
 W. WIDTH, WIDE
 W.F. WIDE FLANGE
 W.D. WINDOW
 WD. WOOD
 YD. YARD

INDICATES SECTION NUMBER

INDICATES DRAWING SHEET ON WHICH SECTION IS SHOWN

INDICATES SECTION NUMBER

INDICATES DRAWING SHEET ON WHICH DETAIL IS SHOWN

INDICATES DRAWING NUMBER ON SHEET

INDICATES DRAWING SHEET ON WHICH ELEVATION IS SHOWN

INDICATES DRAWING NUMBER ON SHEET

INDICATES DRAWING SHEET ON WHICH ELEVATION IS SHOWN

INTERIOR ELEVATION KEY

EXTERIOR ELEVATION KEY

	EARTH
	POROUS FILL
	CONCRETE
	RIGID INSULATION
	CONCRETE MASONRY
	BRICK
	STUD PARTITION (WOOD OR METAL)
	WOOD BLOCKING OR END SECTION
	WOOD (FINISH)
	PLYWOOD
	BATT INSULATION



ELEVATION MARK


#. #" INDICATES HEIGHT ABOVE FLOOR LEVEL

DOOR DESIGNATIONS

100A SEE DOOR SCHEDULE
KEYED TO ROOM NUMBER

OR

6 SEE DOOR SCHEDULE
KEYED TO ROOM NUMBER

WINDOW DESIGNATION

B SEE WINDOW SCHEDULE

ARCHITECTURAL LOUVER DESIGNATION

3 SEE SCHEDULE IF APPLICABLE

PARTITION KEY

3 SEE PARTITION SCHEDULE

	GYPSUM BOARD CEILING
	FURR DOWN TO WALL CABINET
	SUPPLY AIR FIXTURE
	RETURN AIR FIXTURE
	STRIP FLUORESCENT FIXTURE
	2x4 LIGHT FIXTURE
	EXIT LIGHT
	RECESSED DOWN LIGHT
	WALL MOUNTED LIGHT FIXTURE

COORDINATE LOCATION OF FIXTURES WITH MECHANICAL AND ELECTRICAL DRAWINGS. NOTIFY ARCHITECT OF LAYOUT CONFLICTS OR DISCREPANCIES.

2. SUBCONTRACTORS ARE REQUIRED TO REVIEW THE ENTIRE SET OF CONTRACT DOCUMENTS TO NOTE AREAS OF WORK OF THEIR TRADE ON SHEETS TRADITIONALLY KNOWN AS WORK OF OTHER TRADES (I.E. THE REQUIREMENTS OF PROVIDING POWER TO MECHANICAL OR OTHER EQUIPMENT SHOWN ELSEWHERE IN THE CONTRACT DOCUMENTS & NOT ON THE ELECTRICAL DRAWINGS). THE ARCHITECT IS TO BE NOTIFIED IN WRITING OF ANY DISCREPANCY AND WILL COORDINATE DESIGN WORK OF THESE ITEMS. THE SUBCONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND INCLUDING THIS IN HIS WORK CONTRACT.

3. LAYOUT ALL WALLS WITH PERMANENT MARKINGS, FOR REVIEW AND ADJUSTMENT BY ARCHITECT BEFORE INSTALLING ANY NEW WORK.

4. PRESSURIZED LINES, DRAINS, ETC...WHICH PENETRATE EXISTING OR IN-PLACE MASONRY WALLS SHALL BE INSTALLED BY CORE DRILLING. NO CHIPPING OF MASONRY WALLS WILL BE ALLOWED. REFER TO THE ELECTRICAL AND MECHANICAL DRAWINGS.

5. MAJOR WORK FOR THIS PROJECT IS WITHIN THE DESIGNATED PROJECT SITE AREA; HOWEVER, SOME WORK EXTENDS BEYOND THE DESIGNATED LIMITS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND SCHEDULE THIS WORK TO PROVIDE MINIMAL DISRUPTION TO THOSE AFFECTED.

6. INSTALL FURRING AROUND COLUMNS AND CHASES AS CLOSE AS POSSIBLE TO THE PIPES AND STRUCTURE.

7. CEILING UTILITY COORDINATION -
 INSTALL ALL ELECTRICAL AND OTHER CONDUIT TIGHT TO STRUCTURE. INSTALL CEILING GRID AND LIGHT TIE
 WIRES SO AS NOT TO TOUCH ANY SYSTEM COMPONENT. PROVIDE 8" MINIMUM CLEAR ZONE FOR LIGHTS
 AND OTHER CEILING MOUNTED ITEMS. PROVIDE A MINIMUM OF 1'-0" CLEAR ZONE ADJACENT TO ANY FIRE
 OR SMOKE PARTITION.

8. DUCTS PASSING THROUGH FIRE AND/OR SMOKE PARTITIONS ARE TO HAVE FIRE AND/OR SMOKE DAMPERS AS REQUIRED BY THE PARTITION'S RATING AND PER CODE.

9. METAL FRAMING FOR ALL SUSPENDED GYP. BD. SOFFITS, CEILINGS, FURRING, AND OVER ALL DOORS IS TO BE SECURED TO THE STRUCTURE ABOVE AS REQUIRED FOR RIGID INSTALLATION.

10. ALL WOOD AND PLYWOOD BLOCKING AND FRAMING IS TO BE FIRE RETARDANT TREATED WOOD.

11. PIPING, DUCTWORK, ETC...LOCATED IN THE FINISHED AREAS OF THE BUILDING SHALL BE CONCEALED IN CHASES/FURRED SPACES WITH THE EXCEPTION OF PIPING IN EQUIPMENT ROOMS.

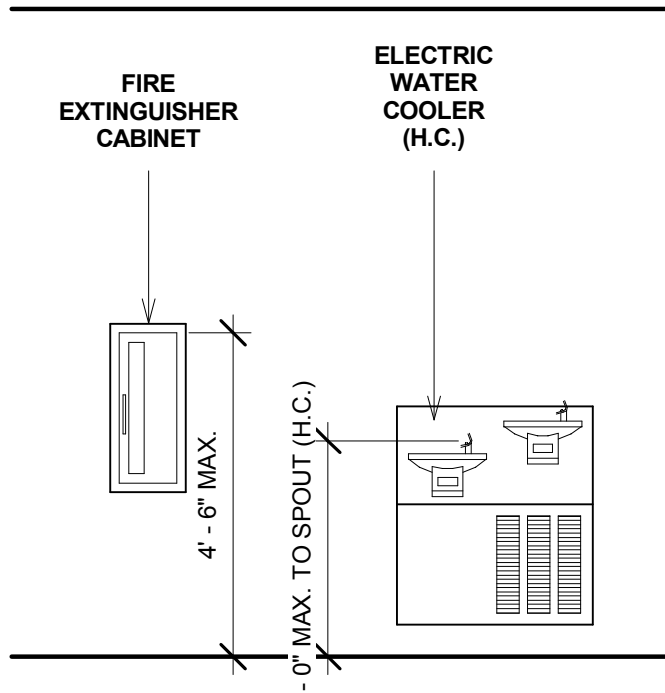
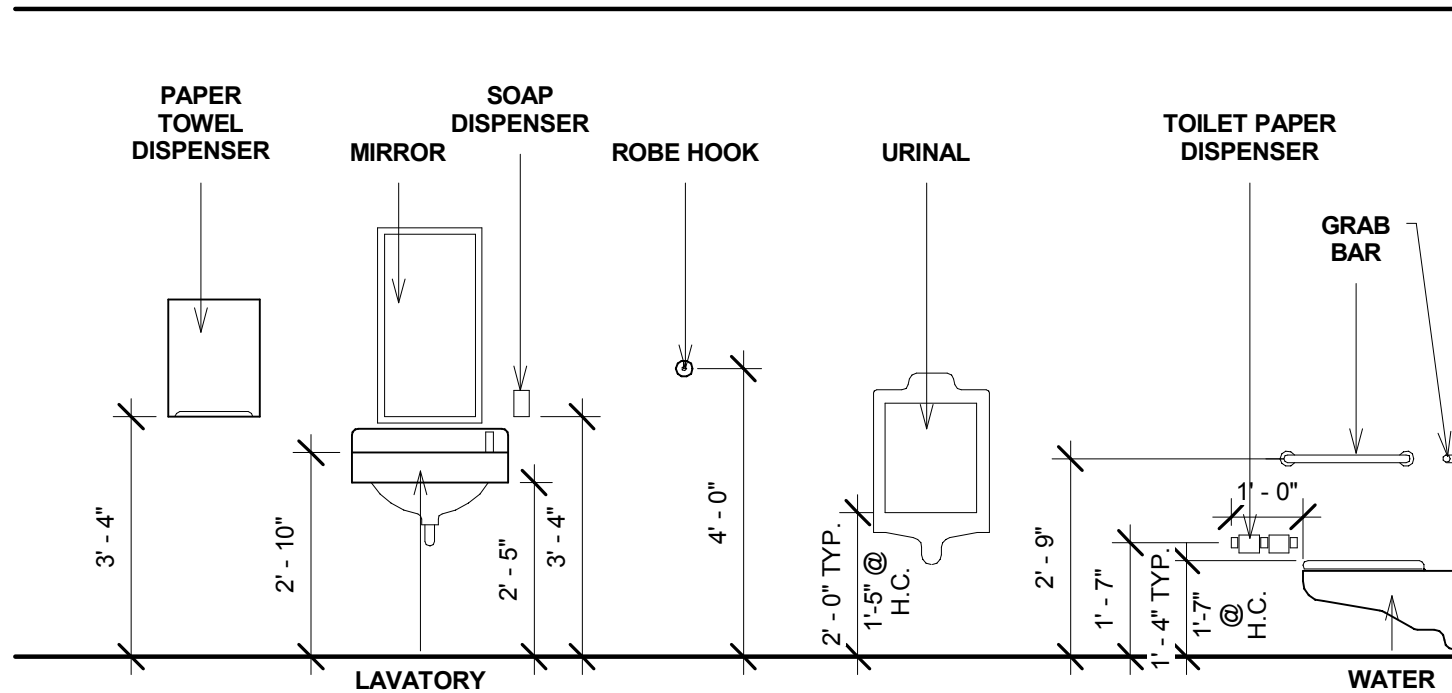
12. FIREPROOFING OF PENETRATIONS IN PARTITIONS AND FLOORS SHALL BE PER A U.L. DESIGN APPROPRIATE TO THE APPLICATION.

13. PROVIDE SEALANT AT JUNCTURE OF INTERIOR FACES OF DOOR FRAMES, VIEW WINDOW FRAMES, EXTERIOR WINDOW FRAMES, AND CASEWORK WITH ADJACENT MATERIALS EVEN THOUGH JOINT MAY NOT BE VISIBLE.

14. THE COLOR OF THE BREAK METAL AND SEALANT SHALL MATCH THE COLOR OF THE ADJACENT WINDOW, DOOR, OR STOREFRONT FRAMING.

15. THE GENERAL CONTRACTOR SHALL VERIFY THAT THE ROOFER INSTALL ROOF INSULATION SO ALL AREA OF ROOFING DRAIN TO ROOF DRAINS AND SCUPPERS APPROPRIATELY.

16. WHERE WALL SURFACES ARE NOTED "ALIGN," THE FINISHED FACE OF NEW OR EXISTING CONSTRUCTION IS TO ALIGN WITH THE FINISHED FACE OF NEW OR EXISTING CONSTRUCTION.



PROVIDED FOR MOUNTING HEIGHT INFORMATION ONLY. FIXTURES SHOWN ARE NOT NECESSARILY INCLUDED IN THIS PROJECT.

SCHEMATIC DESIGN

Revision Schedule	
Revision Date	Revision Number

REVISIONS

DATE 10.20.2017

PROJECT
NUMBER 17-041

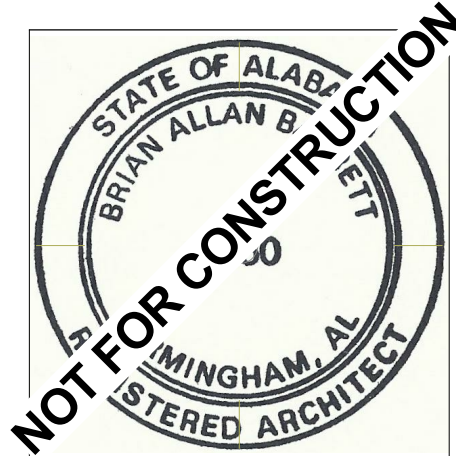
General Notes

SHEET
NUMBER

A0.1

OF

PM: Author CB: Checker



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NEW COMMERCIALS BUILDING FOR:
ROSS BRIDGE VILLAGE CENTER
Hoover, Alabama

Partition Notes

1. PARTITIONS REQUIRED BY RATING TO EXTEND TO UNDERSIDE OF ROOF DECK SHALL HAVE THE GYPSUM BOARD CUT TO FIT ALL SURFACES WITH A 1/4" MAXIMUM TOLERANCE TO THE SHAPE OF THE DECK AND BE CONTINUOUSLY SEALED WITH APPROPRIATELY RATED SEALANT.
2. RATED PARTITIONS WITH ELECTRICAL OUTLETS, SWITCH BOXES, TELEPHONE BOXES, AND OTHER SIMILAR DEVICES SHALL HAVE THE GYPSUM BOARD CUT TO WITHIN A 1/8" TOLERANCE AND SHALL BE CONTINUOUSLY SEALED WITH APPROPRIATELY RATED SEALANT.
3. ALL PENETRATIONS THROUGH RATED WALLS (INCLUDING DUCTS, PIPES, CONDUIT, ETC.) SHALL HAVE ALL GYPSUM SURFACES CUT TO WITHIN A 1/4" MAXIMUM TOLERANCE AND SHALL BE CONTINUOUSLY SEALED WITH APPROPRIATELY RATED SEALANT.
4. THE BOTTOM EDGE OF ALL GYPSUM BOARD SURFACES ON RATED WALLS SHALL BE PLACED TO WITHIN 1/4" OF THE UNFINISHED FLOOR SURFACE AND SHALL BE CONTINUOUSLY SEALED WITH APPROPRIATELY RATED SEALANT.
5. CONTRACTOR SHALL STENCIL RATING ON WALLS ABOVE CEILING. STENCILING SHALL BE A MINIMUM OF 4" HIGH LETTERING. DESIGNATE THE SPECIFIED RATING OF THE PARTITION AND BE PLACED AT AN INCREMENT EASILY LOCATED DURING INSPECTION.

-
1. BRICK VENEER
2. ADJUSTABLE MASONRY ANCHORS - AT EACH STUD AND AT 16" O.C. VERTICAL.
3. WEATHER RESISTANT SHEATHING PAPER (SEE SPECS SECTION 06160)
4. WOOD STRUCTURAL PANEL SHEATHING - 1/2" THICK, 4' WIDE PLYWOOD SHEATHING. INSTALLED WITH FACE GRAIN OF PLYWOOD PARALLEL WITH OR PERPENDICULAR TO STUDS. VERTICAL JOINTS CENTERED ON STUDS. HORIZONTAL JOINTS BACKED WITH NOM. 2X4 WOOD BLOCKING. ATTACHED TO STUDS ON EXTERIOR SIDE OF WALL WITH 6D CEMENT FOATED BOX NAILS SPACED 6" O.C. AT PERIMETER OF PANELS AND 12" O.C. ALONG INTERIOR STUDS.
5. 6" METAL STUDS, 18 GA. MINIMUM 16" O.C., SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. BATTS & BLANKETS - MINERAL WOOL INSULATION, COMPLETELY FILLING STUD CAVITY; MIN. R-19.
7. 5/8" GYPSUM BOARD, SCREW ATTACHED TO METAL STUDS.

E1 - BRICK AND LOAD BEARING 6" METAL STUD WALL

-
1. FIBER-CEMENT SIDING (SEE SPECIFICATION SECTION 07460)
2. WEATHER RESISTANT SHEATHING PAPER (SEE SPECS SECTION 06160)
3. WOOD STRUCTURAL PANEL SHEATHING - 1/2" THICK, 4' WIDE PLYWOOD SHEATHING. INSTALLED WITH FACE GRAIN OF PLYWOOD PARALLEL WITH OR PERPENDICULAR TO STUDS. VERTICAL JOINTS CENTERED ON STUDS. HORIZONTAL JOINTS BACKED WITH NOM. 2X4 WOOD BLOCKING. ATTACHED TO STUDS ON EXTERIOR SIDE OF WALL WITH 6D CEMENT FOATED BOX NAILS SPACED 6" O.C. AT PERIMETER OF PANELS AND 12" O.C. ALONG INTERIOR STUDS.
4. BATTS & BLANKETS - MINERAL WOOL INSULATION, COMPLETELY FILLING STUD CAVITY; MIN. R-19.
5. 2X6 WOOD STUDS @ 16" O.C. WITH TWO 2x6 TOP AND ONE 2x6 BOTTOM PLATES; STUDS LATERALL-BRACED BY WOOD STRUCTURAL PANEL SHEATHING (ITEM 3).
6. 5/8" GYPSUM BOARD, 4' WIDE, APPLIED VERTICALLY AND ATTACHED TO STUDS AND BEARING PLATES WITH 1 1/4" LONG TYPE W COARSE THREAD GYPSUM PANEL STEEL SCREWS SPACED A MAX 8" O.C., WITH LAST SCREW 1" FROM EDGE OF BOARD.
7. JOINTS & NAILHEADS (NOT SHOWN) - WALLBOARD JOINTS COVERED WITH TAPE AND JOINT COMPOUND. NAIL HEADS COVERED WITH JOINT COMPOUND.
8. RAINSCREEN METAL PANELS; SEE DETAILS
E4 - 1-HOUR CEMENT BOARD AND LOAD BEARING 2x6 WOOD STUD WALL (DESIGN NO. UL356) (AT RAINSCREEN)

P1 - NON-RATED 2x4 WOOD STUD WALL

-
1. 5/8" GYPSUM BOARD.
2. 2X6 WOOD STUDS @ 16" O.C.

P4 - NON-RATED 2x6 WOOD STUD WALL

-
1. 5/8" GYPSUM BOARD WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED EITHER HORIZONTALLY OR VERTICALLY. GYPSUM PANELS FASTENED TO FRAMING WITH 1 1/4" LONG TYPE W COARSE THREAD GYPSUM PANEL STEEL SCREWS SPACED A MAX 8" O.C., WITH LAST SCREW 1" FROM EDGE OF BOARD. WHEN USED IN WIDTHS OTHER THAN 48", PANELS ARE TO BE INSTALLED HORIZONTALLY.
2. 2X4 WOOD STUDS @ 16" O.C., EFFECTIVELY FIRESTOPPED.
3. JOINTS & NAIL HEADS (NOT SHOWN) - EXPOSED OR COVERED WITH FIBER TAPE & JOINT COMPOUND, EXCEPT WHERE REQUIRED FOR SPECIFIC EDGE CONFIGURATION. FOR TAPERED, ROUNDED EDGE GYPSUM BOARD, JOINTS COVERED WITH JOINT COMPOUND OR FIBER TAPE AND JOINT COMPOUND. NAILHEADS EXPOSED OR COVERED WITH JOINT COMPOUND.
4. BATTS & BLANKETS - MINERAL WOOL INSULATION, PARTIALLY OR COMPLETELY FILLING STUD CAVITY: 3" MINERAL FIBER, 2.5 PCF., UNFACED.

P2 - 1-HOUR RATED 2x4 WOOD STUD WALL
UL DESIGN No. U305

-
1. 5/8" GYPSUM BOARD, 2 LAYERS, APPLIED EITHER HORIZONTALLY OR VERTICALLY. INNER LAYERS ATTACHED TO STUDS WITH 1 7/8" NAILS SPACED 6" O.C., OUTER LAYER ATTACHED TO STUDS OVER INNER LAYER WITH 2 3/8" LONG NAILS SPACED 8" O.C. VERTICAL JOINTS LOCATED OVER STUDS. ALL JOINTS IN FACE LAYERS STAGGERED WITH JOINTS IN BASE LAYERS. JOINTS OF EACH BASE LAYER OFFSET WITH JOINTS OF BASE LAYER ON OPPOSITE SIDE. WHEN WIDTHS OTHER THAN 48", GYP. BD. TO BE INSTALLED HORIZONTALLY.
2. 2X4 WOOD STUDS @ 16" O.C., EFFECTIVELY FIRESTOPPED.
3. JOINTS & NAIL HEADS (NOT SHOWN) - EXPOSED OR COVERED WITH FIBER TAPE & JOINT COMPOUND, EXCEPT WHERE REQUIRED FOR SPECIFIC EDGE CONFIGURATION. FOR TAPERED, ROUNDED EDGE GYPSUM BOARD, JOINTS COVERED WITH JOINT COMPOUND OR FIBER TAPE AND JOINT COMPOUND. NAILHEADS EXPOSED OR COVERED WITH JOINT COMPOUND.
4. BATTS & BLANKETS - MINERAL WOOL INSULATION, PARTIALLY OR COMPLETELY FILLING STUD CAVITY: 3" MINERAL FIBER, 2.5 PCF., UNFACED.
5. NAILS (NOT SHOWN) - 6d CEMENT COATED NAILS 1 7/8" LONG, 0.0915" SHANK DIAM., 1/4" DIAM. HEADS, AND 8d CEMENT COATED NAILS 2 3/8" LONG, 0.113" SHANK DIAM, 9/32" DIAM. HEADS.

P3 - 2-HOUR RATED 2x4 WOOD STUD WALL
UL DESIGN No. 301

-
1. 5/8" GYPSUM BOARD WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED EITHER HORIZONTALLY OR VERTICALLY. GYPSUM PANELS FASTENED TO FRAMING WITH 1 1/4" LONG TYPE W COARSE THREAD GYPSUM PANEL STEEL SCREWS SPACED A MAX 8" O.C., WITH LAST SCREW 1" FROM EDGE OF BOARD. WHEN USED IN WIDTHS OTHER THAN 48", PANELS ARE TO BE INSTALLED HORIZONTALLY.
2. 2X6 WOOD STUDS @ 16" O.C., EFFECTIVELY FIRESTOPPED.
3. JOINTS & NAIL HEADS - EXPOSED OR COVERED WITH FIBER TAPE & JOINT COMPOUND, EXCEPT WHERE REQUIRED FOR SPECIFIC EDGE CONFIGURATION. FOR TAPERED, ROUNDED EDGE GYPSUM BOARD, JOINTS COVERED WITH JOINT COMPOUND OR FIBER TAPE AND JOINT COMPOUND. NAILHEADS EXPOSED OR COVERED WITH JOINT COMPOUND.
4. BATTS & BLANKETS - MINERAL WOOL INSULATION, PARTIALLY OR COMPLETELY FILLING STUD CAVITY: 3" MINERAL FIBER, 2.5 PCF., UNFACED.

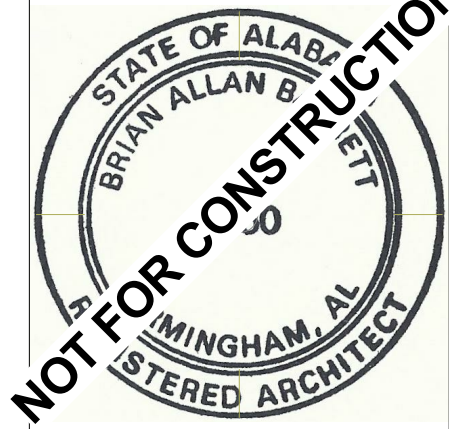
P5 - 1-HOUR 2x6 WOOD STUDS WITH SOUNDBATTS
DESIGN NO. UL305

-
1. 5/8" GYPSUM BOARD
2. 2x4 WOOD STUDS @ 16" O.C.
3. WALL OF OTHER TYPE BEYOND

P7 - NON-RATED 2x4 WOOD STUD FURRED WALL

-
1. WOOD STUDS - NOM 2x4 SPACED 24"OC, LATERALLY BRACED, AND EFFECTIVELY FIRESTOPPED TOP & BOTTOM.
2. WOOD STRUCTURAL PANEL SHEATHING - NOM 15/32" THICK, 4' WIDE APA RATED SHEATHING PLYWOOD. INSTALLED WITH FACE GRAIN OF PLYWOOD PARALLEL WITH STUDS. VERTICAL JOINTS CENTERED ON STUDS, AND STAGGERED ONE STUD SPACE FROM WALLBOARD JOINTS. HORIZONTAL JOINTS BACKED WITH NOM 2x4 WOOD BACKING. ATTACHED TO STUDS ON EXTERIOR SIDE OF WALL WITH 6D CEMENT COATED STEEL BOX NAILS SPACED 12"OC ALONG INTERIOR STUDS AND 6"OC AT PERIMETER OF PANELS.
3. BATTS & BLANKETS - 3 1/2" THICK FOIL FACED GLASS FIBER BATTS.
4. GYPSUM BOARD - 5/8" THICK, 4 FT WIDE. ATTACHED THROUGH PLYWOOD WITH 8D CEMENT COATED NAILS 2 3/8" LONG, 0.113" SHANK DIAM, 9/32" DIAM HEAD NAILS SPACED 7"OC ALONG STUDS AND AT PERIMETER OF PANELS.
5. GYPSUM BOARD - 5/8" THICK, 4 FT WIDE. ATTACHED TO STUDS OR BLOCKING AT 7"OC WITH 6D CEMENT COATED NAILS, 1 7/8" LONG, .0915" SHANK DIAM AND 1/4" DIAM. HEADS.

P13 - 1-HOUR SHEAR WALL, 2x6 WOOD STUDS WITH SOUNDBATTS
DESIGN NO. UL344



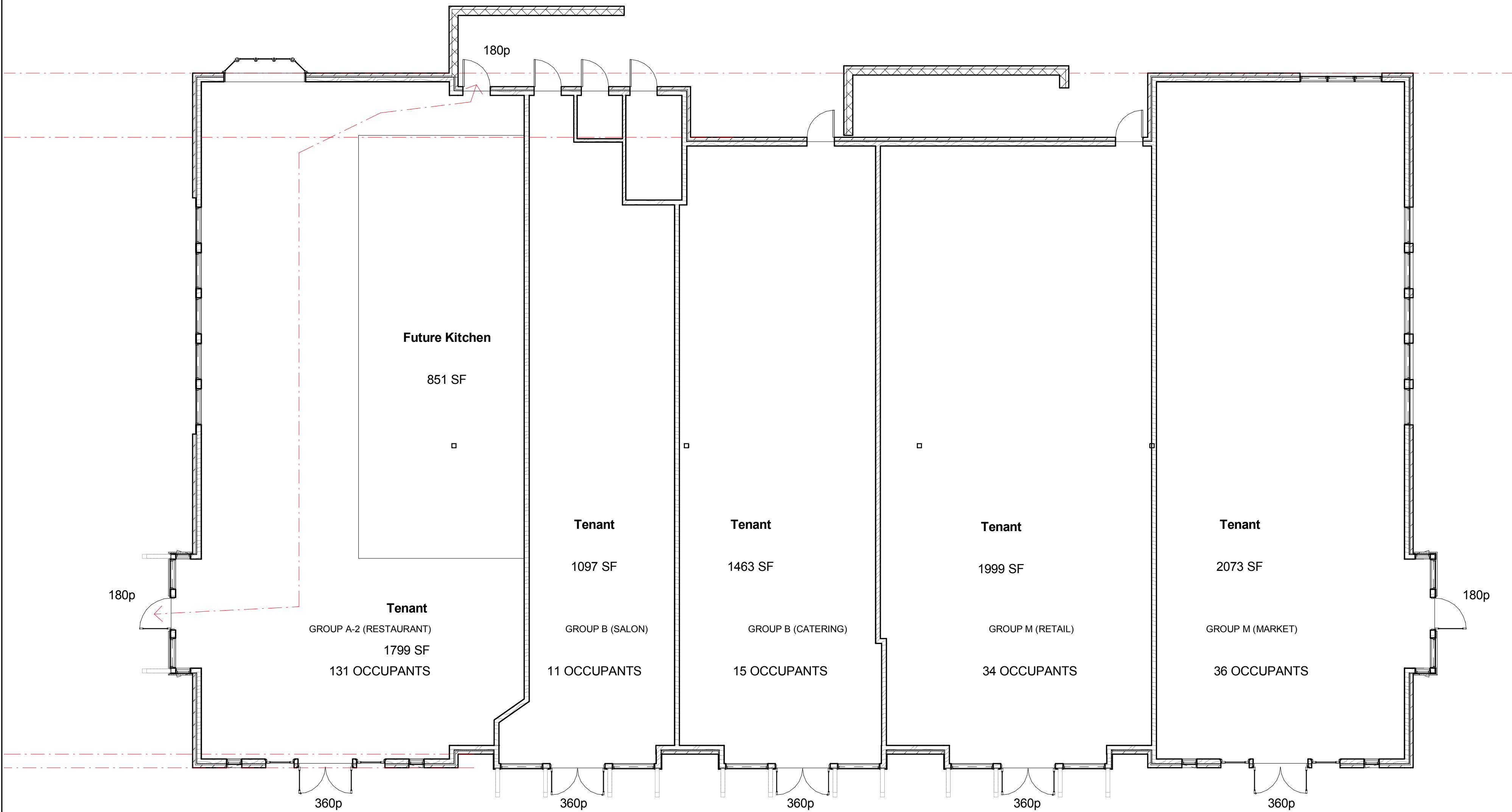
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NEW COMMERCIALS BUILDING FOR:
ROSS BRIDGE VILLAGE CENTER
Hoover, Alabama

SCHEMATIC DESIGN

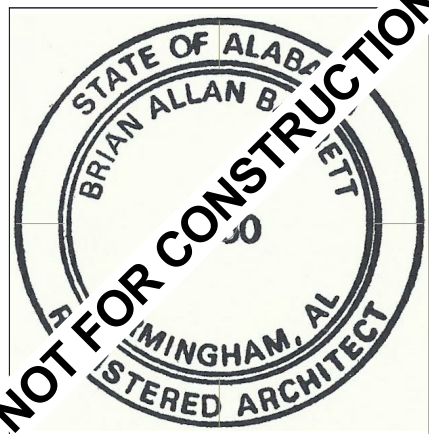
Revision Schedule	
Revision Date	Revision Number
REVISIONS	
DATE	10.20.2017
PROJECT NUMBER	17-041
SHEET TITLE	Partition Schedule
SHEET NUMBER	A0.2
PM: Author	CB: Checker



1 Building One Life Safety Plan
1/8" = 1'-0"

NOTE: SCOPE IS FOR SHELL BUILDING. TENANT BUILD-OUT WILL BE UNDER SEPARATE PERMITS

BUILDING CODE COMPLIANCE DATA 2015 IBC			
NEW COMMERCIAL BUILDINGS FOR ROSS BRIDGE, HOOVER ALABAMA		PROJECT NUMBER: 17-041	DATE: 09 OCTOBER 2017
ITEM	REFERENCE	ALLOWED/REQUIRED	PROVIDED
OCCUPANCY	IBC CHAPTER 3	A-2 (2700sf), B (4570sf), M (2100 sf)	A-2 is most restrictive
TYPE OF CONSTRUCTION FOR THIS BUILDING	IBC CHAPTER 6	Type V B	Type V B
BUILDING AREA (Square Feet)	IBC TABLE 506.2	24,000 sq. ft.	9,970 sq. ft.
NEW BUILDING OR EXISTING BUILDING?		NEW	NEW
AUTOMATIC SPRINKLER PROTECTION	IBC 903.2.1.2	Required - more than 100 Occupants	YES
OCCUPANT LOAD, BY FLOOR	IBC TABLE 1004.1.2		
First Floor (Occupants)			
Tenant 101 (A-2)	15 sf / p (dining) and 200 sf / p (kitchen)	1882 sf / 15 and 830 sf / 200	131
Tenant 102 (B)	100 sf / p	1100 sf / 100	11
Tenant 103 (B)	100 sf / p	1466 sf / 100	15
Tenant 104 (M)	60 sf / p	2001 sf / 60	34
Tenant 105 (M)	60 sf / p	2111 sf / 60	36
TOTAL OCCUPANTS			227
BUILDING HEIGHT AND AREA	IBC CHAPTER 5		
TYPE CONSTRUCTION FOR THIS BUILDING	IBC CHAPTER 6	Type V B	Type V B
>>STORIES	IBC TABLE 504.4	1	1
>>HEIGHT OF ROOF STRUCTURE (DEPENDING ON COMBUSTIBLE OR NON COMBUSTIBLE MATERIAL	IBC TABLE 504.3	40'	29'
>>ALLOWABLE AREA	SEE ABOVE FOR 506.2 DATA.		
CONSTRUCTION	IBC TABLE 508.4	A/B and A/M requires 1 Hour	1 Hour between A/B or A/M
OCCUPANCY SEPARATION	IBC TABLE 508.4	A/B and A/M requires 1 Hour	1 Hour between A/B or A/M
EXTERIOR BEARING WALLS	IBC TABLE 601	0	0
INTERIOR BEARING WALLS	IBC TABLE 601	0	0
EXTERIOR NON BEARING WALLS	IBC TABLE 602	0	0
INTERIOR NON BEARING WALLS & PARTITIONS	IBC TABLE 601	0	0
FIRE RATING OF COLUMNS	IBC TABLE 601	0	0
FIRE RATING OF BEAMS	IBC TABLE 601	0	0
FIRE RATING OF FLOOR AND CEILING	IBC TABLE 601	0	0
MINIMUM CLASSIFICATION OF ROOF COVERING	IBC TABLE 1505.1	C	C
EXTERIOR WALL WITHIN 5' OF COMMON PROPERTY LINE	IBC TABLE 602	0	N/A
FIRE PROTECTION SYSTEMS	IBC 903	REQUIRED	PROVIDED
AUTOMATIC SPRINKLER PROTECTION	IBC 903	REQUIRED	PROVIDED
PORTABLE FIRE EXTINGUISHERS	IBC 906 & IFC	REQUIRED	PROVIDED
>>Minimum rated single extinguisher	IBC TABLE 906.3(1)	2-A	2-A
>>Maximum floor area per unit of A (sq. ft.)	IBC TABLE 906.3(1)	3,000 sq ft	5,902 sq. ft. (>3,000 sq. ft.)
>>Maximum floor area per extinguisher (sq. ft.)	IBC TABLE 906.3(1)	11,250 sq ft	5,902 sq. ft. (< 11,250 sq. ft.)
>>Maximum travel distance to any extinguisher (feet)	IBC TABLE 906.3(1)	75 feet	75 feet
>>Gross weight of extinguishers selected	NFPA 10 1-6.10	Not exceeding 40 lbs	
>>Installation height to top of unit from floor (inches)	NFPA 10 1-6.10	No more than 60"	
FIRE ALARM DETECTION SYSTEMS	IBC 907	NOT REQUIRED	NOT PROVIDED
MEANS OF EGRESS	IBC CHAPTER 10		
OCCUPANCY (Occupants)			227
NUMBER OF EXITS ALLOWED	IBC 1006.3.1	2 EXITS FOR 101, 1 EXIT FOR 102-105	2 EXITS FOR 101, 1 EXIT FOR 102-015
ALLOWABLE DISTANCE OF TRAVEL TO AN EXIT (feet)	IBC TABLE 1017.2	200'	< 200'
CORRIDOR FIRE RESISTANCE RATING	IBC TABLE 1020.1	1 Hr over 30 occupants	Provided
DEAD END CORRIDORS	IBC 1020.4	20' or Length less than 2.5 x Width.	no dead end corridors
EXIT DOORS	IBC 1005.1	0.2"	72" PROVIDED
>>WIDTH IN INCHES OF EXIT DOORS REQUIRED	IBC 1005.1	50"	72" PROVIDED
>>CLEAR WIDTH OF DOORS ALONG ACCESSIBLE ROUTE	ICC/ANSI A-117.1, 404.2.3		
NUMBER OF PERSONS SERVED BY EXIT DOORS PROVIDED	IBC 1005.1		360
EGRESS ILLUMINATION	IBC 1008.2	Illuminate at all times	Provided
>>EGRESS ILLUMINATION AT FLOOR LEVEL	IBC 1008.2.1	No less than 1 foot-candle (11 lux) at the walking surface.	> 1 fc
>>EMERGENCY POWER	IBC 1008.3	Provide power for a duration of no less than 90 min. and consist of storage batteries/ equiv. generator.	Battery pack.
>>EXIT SIGN	IBC 1031.1 (EX 1)	Exit signs are not required in rooms or areas that require only one exit or exit access.	Provided adjacent to each exit.
TACTILE EXIT SIGNS	IBC 1013.5	Comply with ICC A117.1	
PLUMBING	Chapter 29		
PLUMBING FIXTURES TO BE PROVIDED UNDER SEPARATE PERMIT			
ENERGY CONSERVATION	IECC TABLE C402.1.3		
ROOF INSULATION: CONTINUOUS		R-25ci	
ROOF INSULATION: ATTIC		R-38	
WOOD-FRAMED WALL INSULATION		R-13 + R3.8ci - or - R-20	
FIXED WINDOWS		U = 0.46	
OPERABLE WINDOWS		U = 0.60	
ENTRANCE DOORS		U = 0.77	



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ROSS BRIDGE VILLAGE CENTER
Hoover, Alabama

Revision Schedule

Revision Date	Revision Number
---------------	-----------------

REVISIONS

DATE 10.20.2017
PROJECT NUMBER 17-041

SHEET TITLE
Life Safety

SHEET NUMBER
A0.3

OF

PM: Author CB: Checker

SCHEMATIC DESIGN



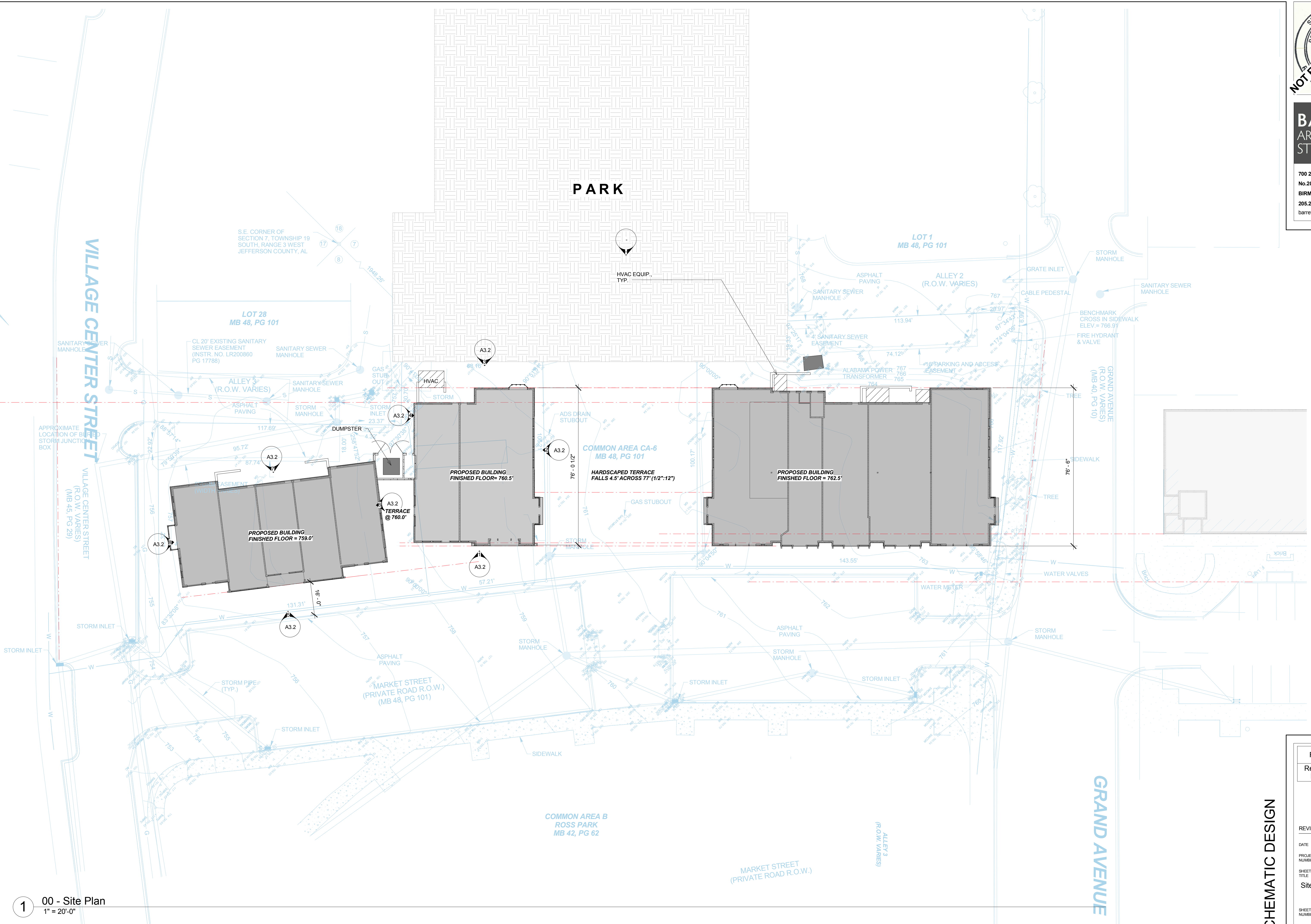
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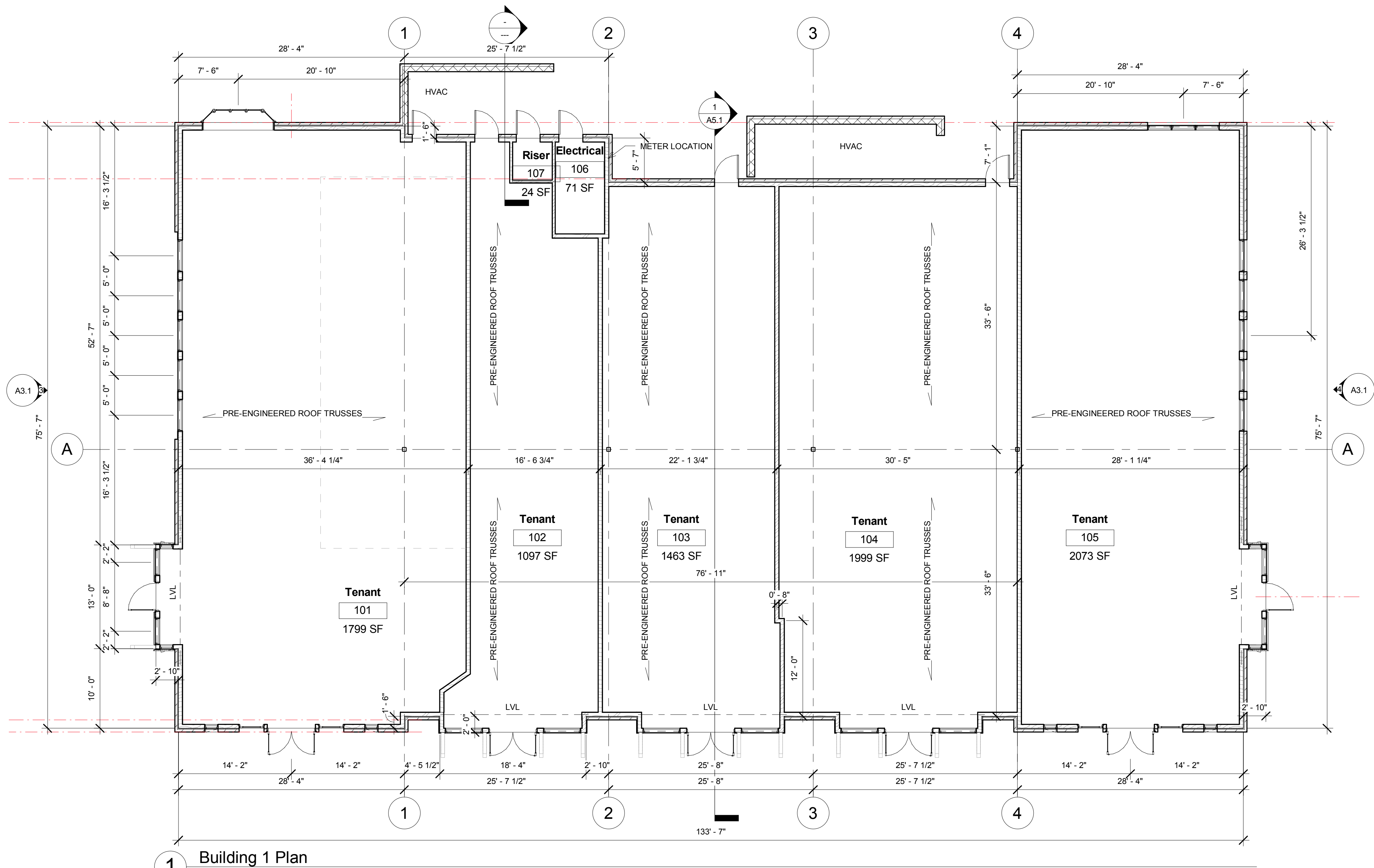
NEW COMMERCIALS BUILDING FOR:
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SCHEMATIC DESIGN

Revision Schedule	
Revision Date	Revision Number
REVISIONS	
DATE	10.20.2017
PROJECT NUMBER	17-041
SHEET TITLE	Site Plan
SHEET NUMBER	A1.0
OF	
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1 00 - Site Plan
1" = 20'-0"



1 Building 1 Plan
1/8" = 1'-0"

MEP PROGRAM REQUIREMENTS

Tenant Space	Area	Cooling	Power	H2O
Building One				
101	2668 sf	15 Tons	400 Amp	2"
102	1100 sf	3 Tons	100 or 200 Amp	1"
103	1466 sf	5 Tons	200 Amp	1"
104	2001 sf	6 Tons	100 or 200 Amp	1"
105	2091 sf	7.5 Tons	400 Amp	1"
Building Two				
201	2599 sf	15 Tons	400 Amp	2"
202	1418 sf	5 Tons	200 Amp	1"
Building Three				
301	1004 sf	3 Tons	100 or 200 Amp	3/4"
302	860 sf	3 Tons	100 or 200 Amp	3/4"
303	860 sf	3 Tons	100 or 200 Amp	3/4"
304	860 sf	3 Tons	100 or 200 Amp	3/4"
305	1004 sf	5 Tons	100 or 200 Amp	3/4"



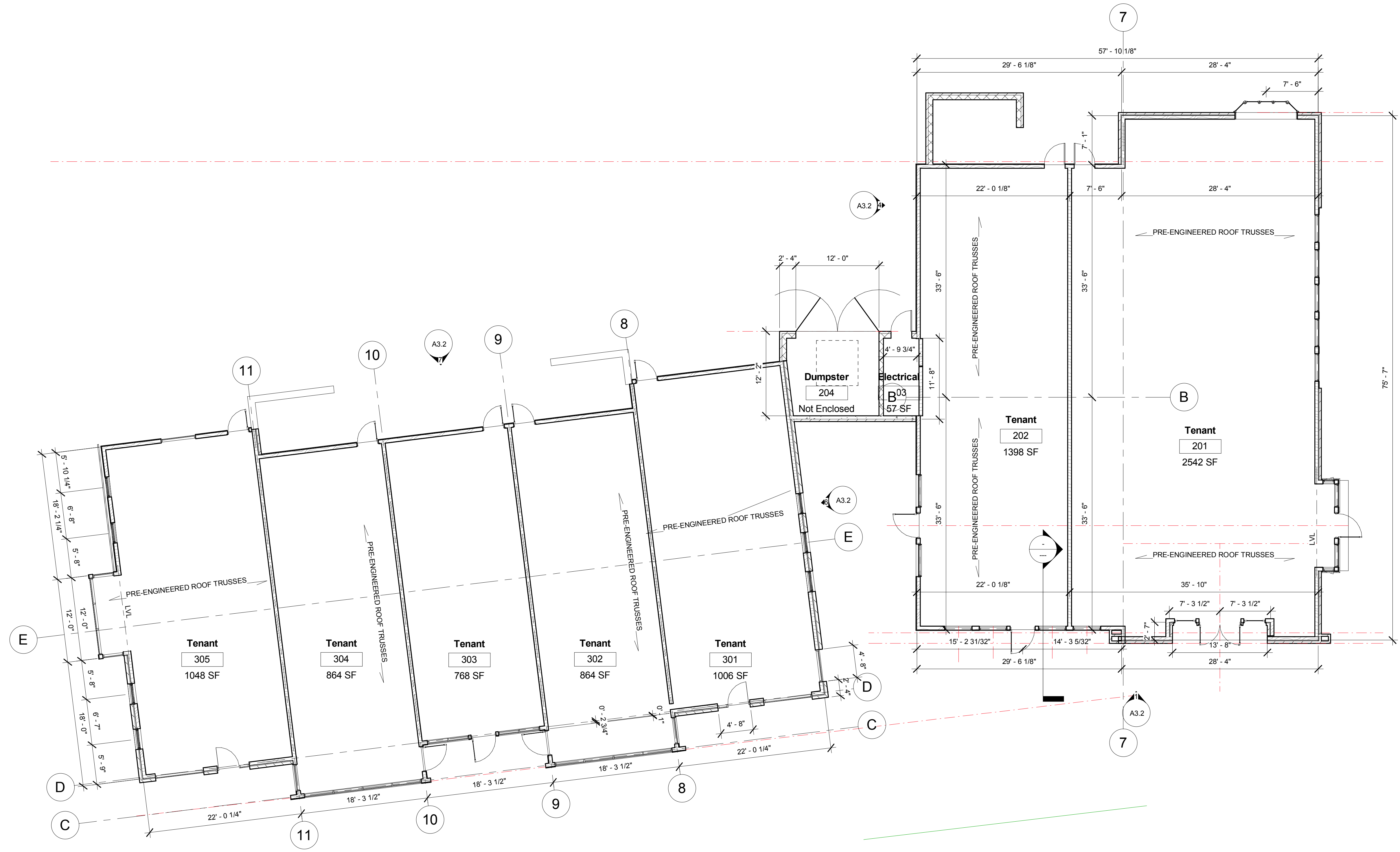
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Revision Schedule	
Revision Date	Revision Number
REVISIONS	
DATE	10.20.2017
PROJECT NUMBER	17-041
SHEET TITLE	Floor Plan Building 1
SHEET NUMBER	A1.1
OF	
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1 Building 2 & 3 Plan
1/8" = 1'-0"



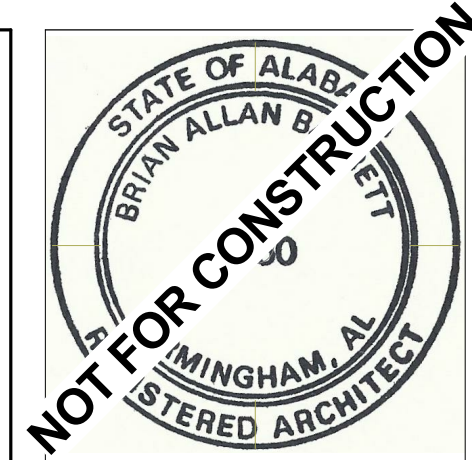
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Revision Schedule	
Revision Date	Revision Number
REVISIONS	
DATE	10.20.2017
PROJECT NUMBER	17-041
SHEET TITLE	Floor Plan Building 2 & 3
SHEET NUMBER	A1.2
OF	
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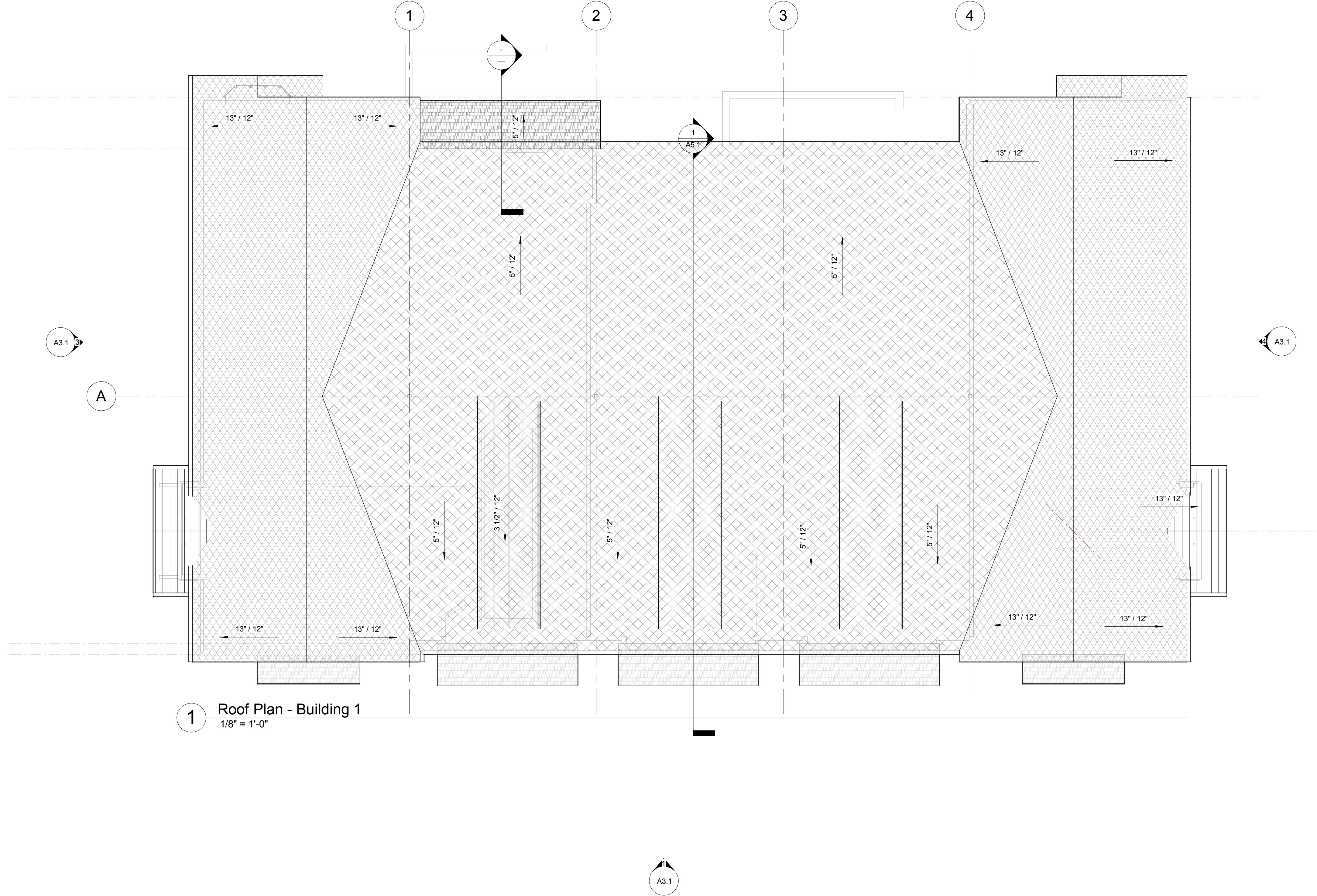
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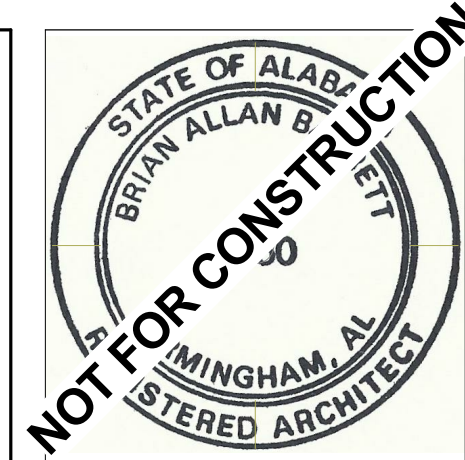
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Revision Schedule	
Revision Date	Revision Number
REVISIONS	
DATE	10.20.2017
PROJECT NUMBER	17-041
SHEET TITLE	Roof Plan Building 1
SHEET NUMBER	A1.3
OF	
PM: Author	CB: Checker



1 Roof Plan - Building 1
1/8" = 1'-0"



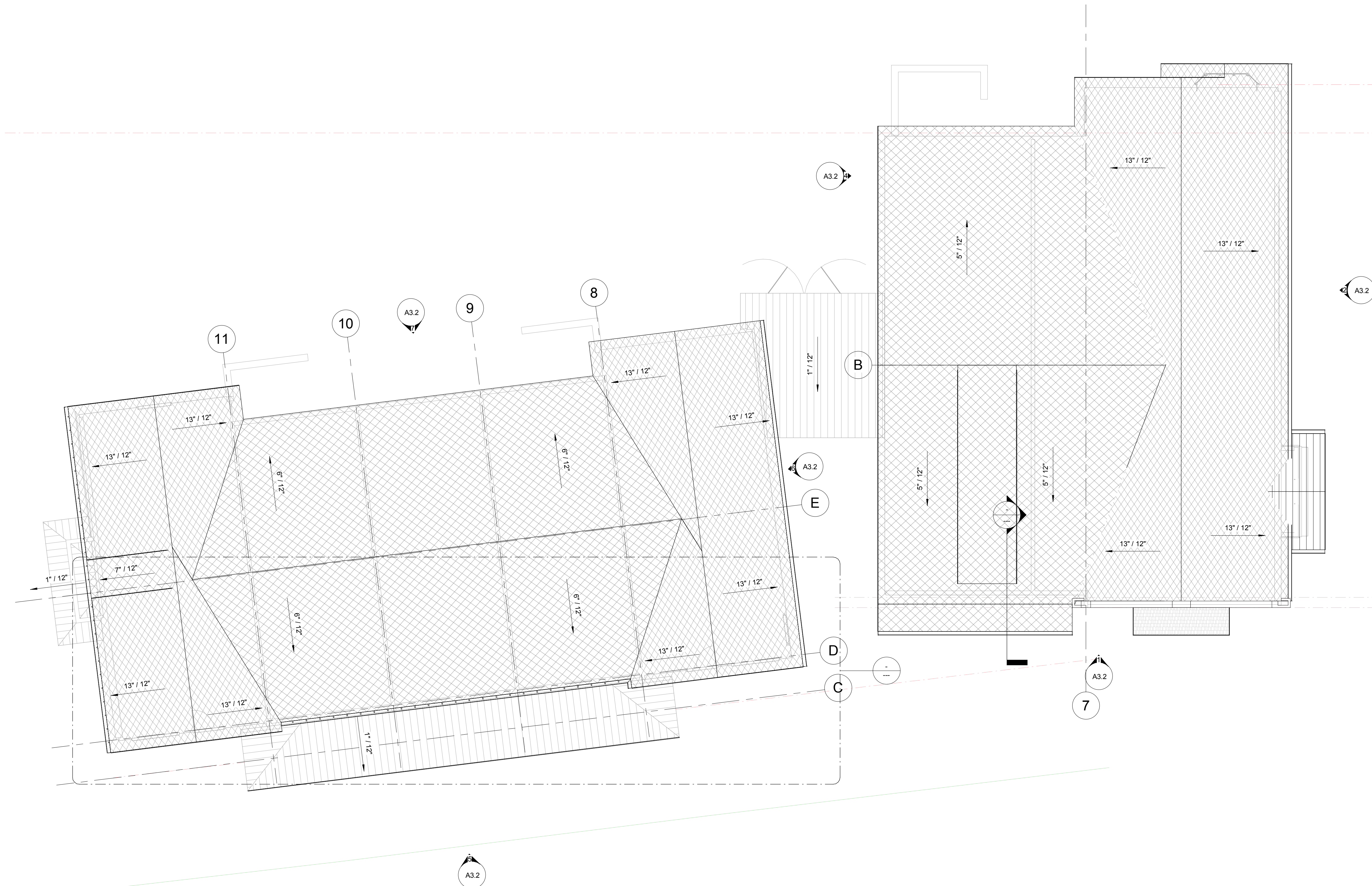
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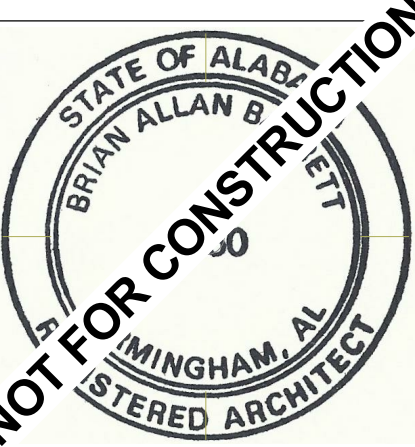
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SCHEMATIC DESIGN

Revision Schedule	
Revision Date	Revision Number
REVISIONS	
DATE	10.20.2017
PROJECT NUMBER	17-041
SHEET TITLE	
Roof Plan Buildings 2 & 3	
SHEET NUMBER	A1.4
OF	
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1 Roof Plan - Building 2 & 3
1/8" = 1'-0"



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SCHEMATIC DESIGN

Revision Schedule	
Revision Date	Revision Number

REVISIONS

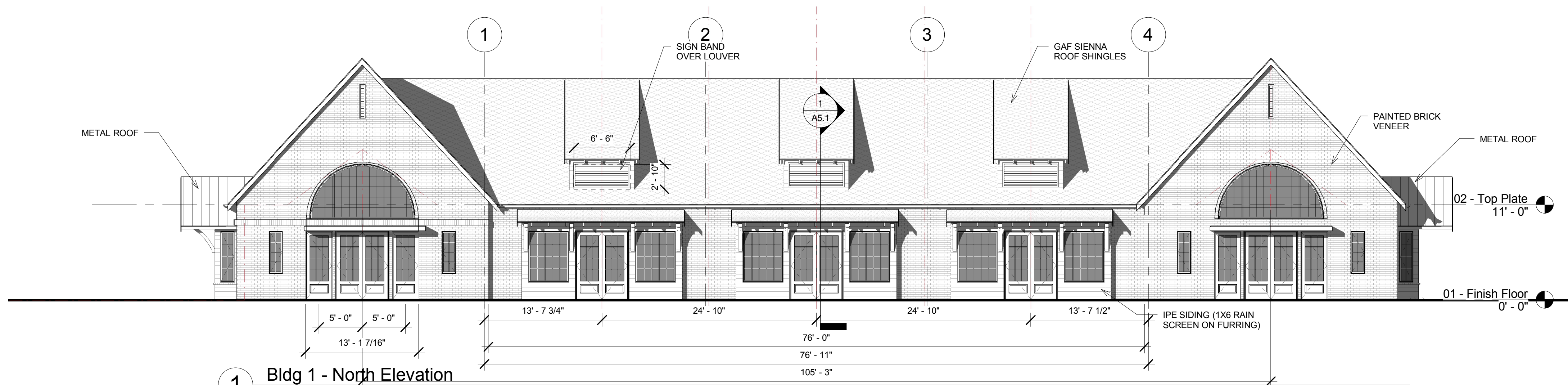
DATE 10.20.2017
PROJECT NUMBER 17-041

SHEET TITLE
Exterior Elevations

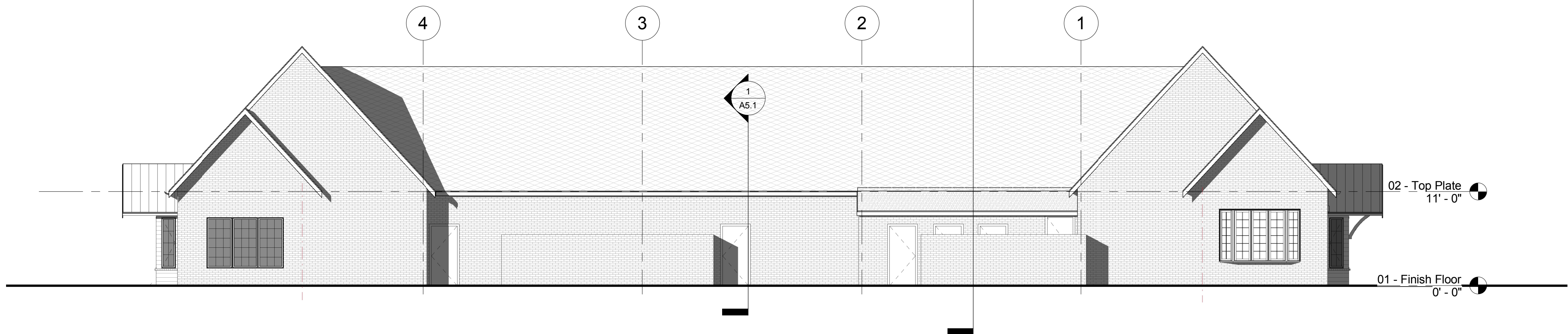
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OF

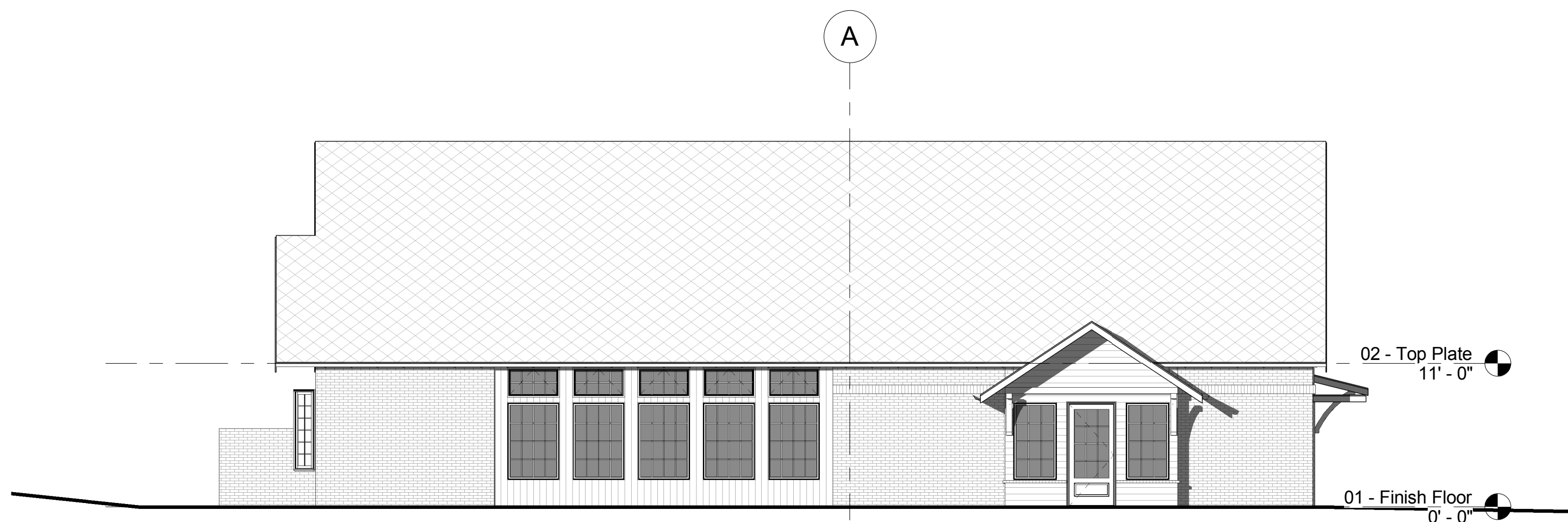
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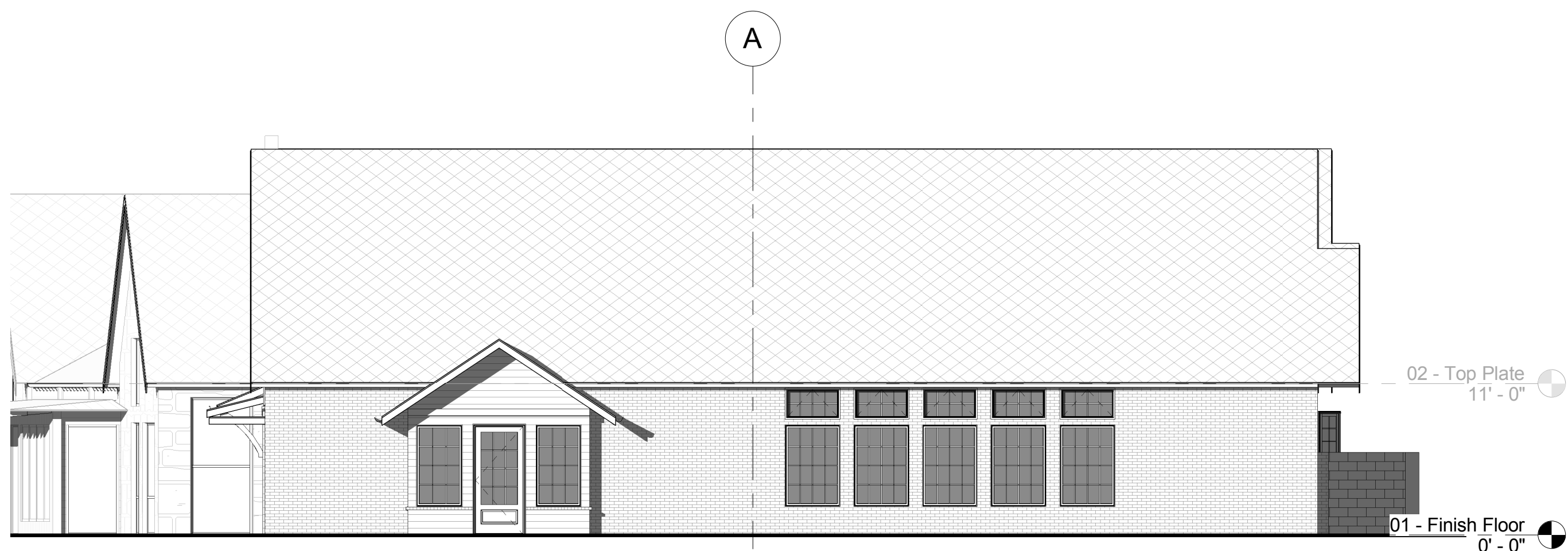
1 Bldg 1 - North Elevation
1/8" = 1'-0"



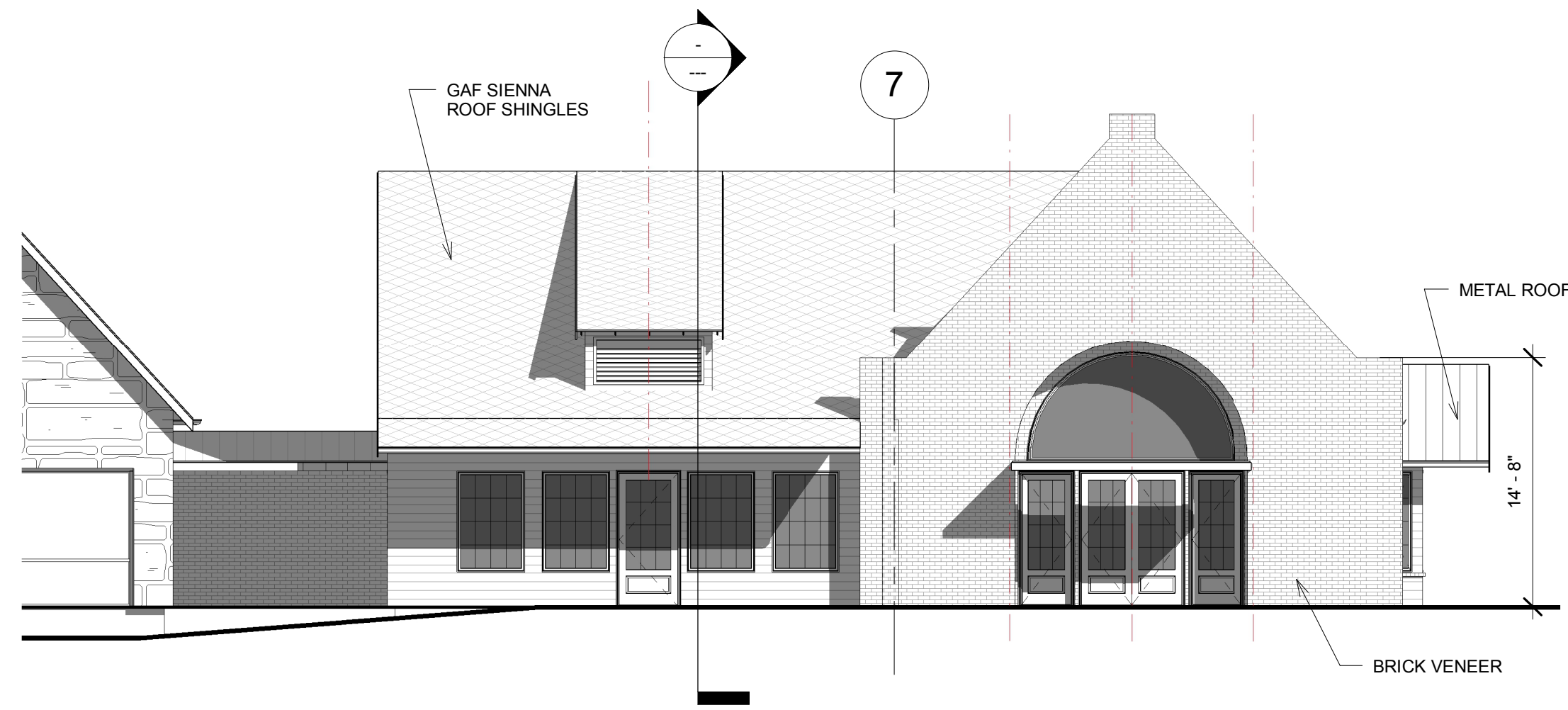
2 Bldg 1 - South Elevation
1/8" = 1'-0"



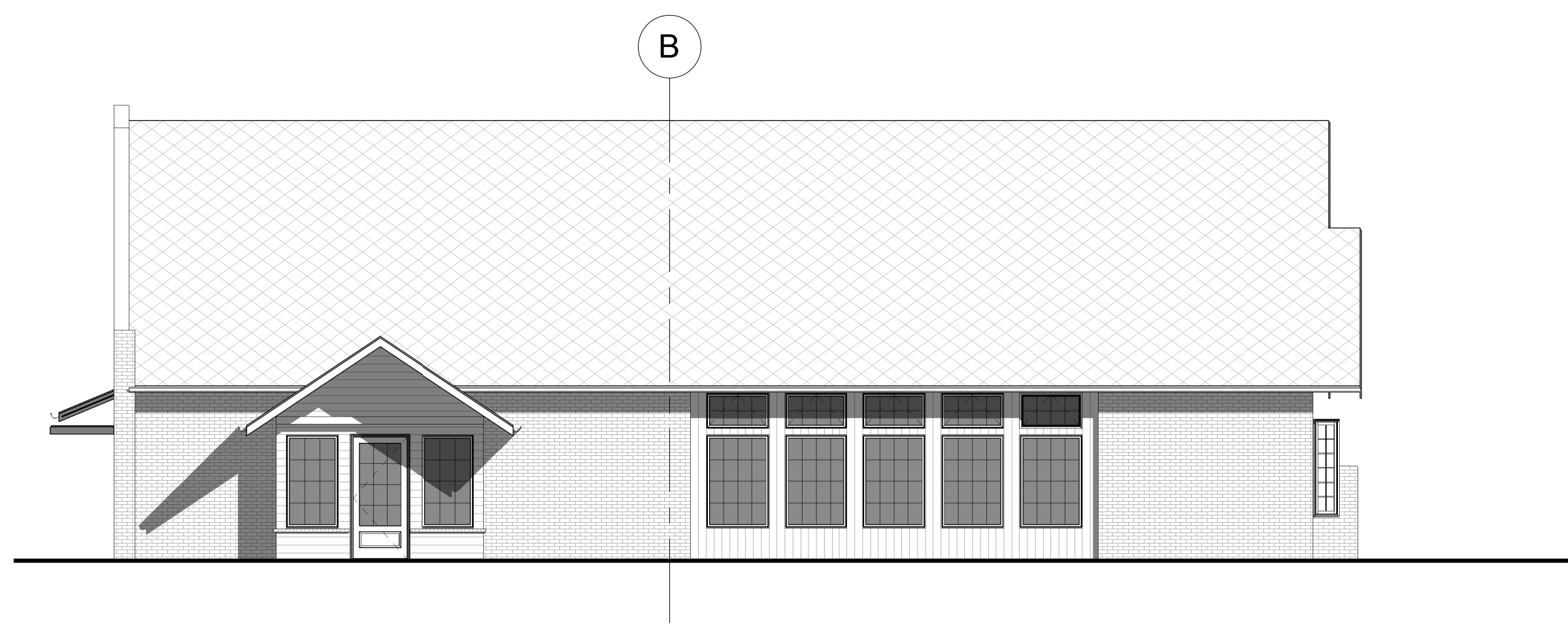
3 Bldg 1 - East Elevation
1/8" = 1'-0"



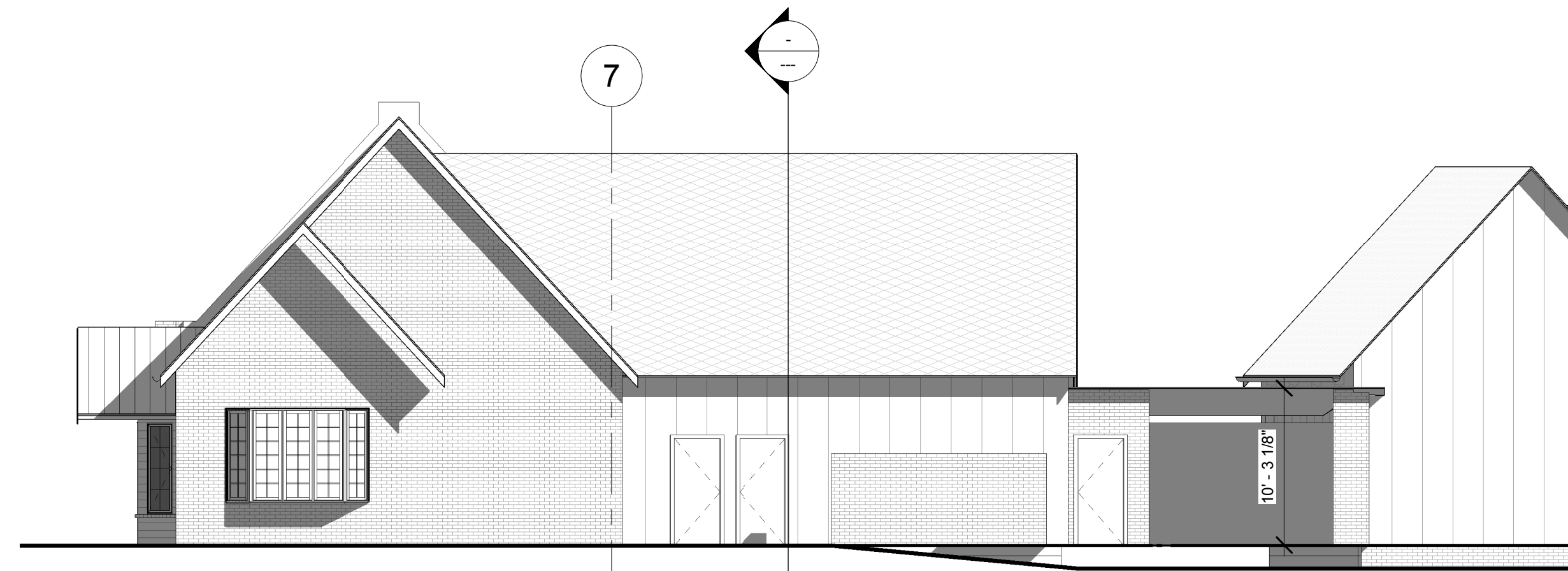
4 Bldg 1 - West Elevation
1/8" = 1'-0"



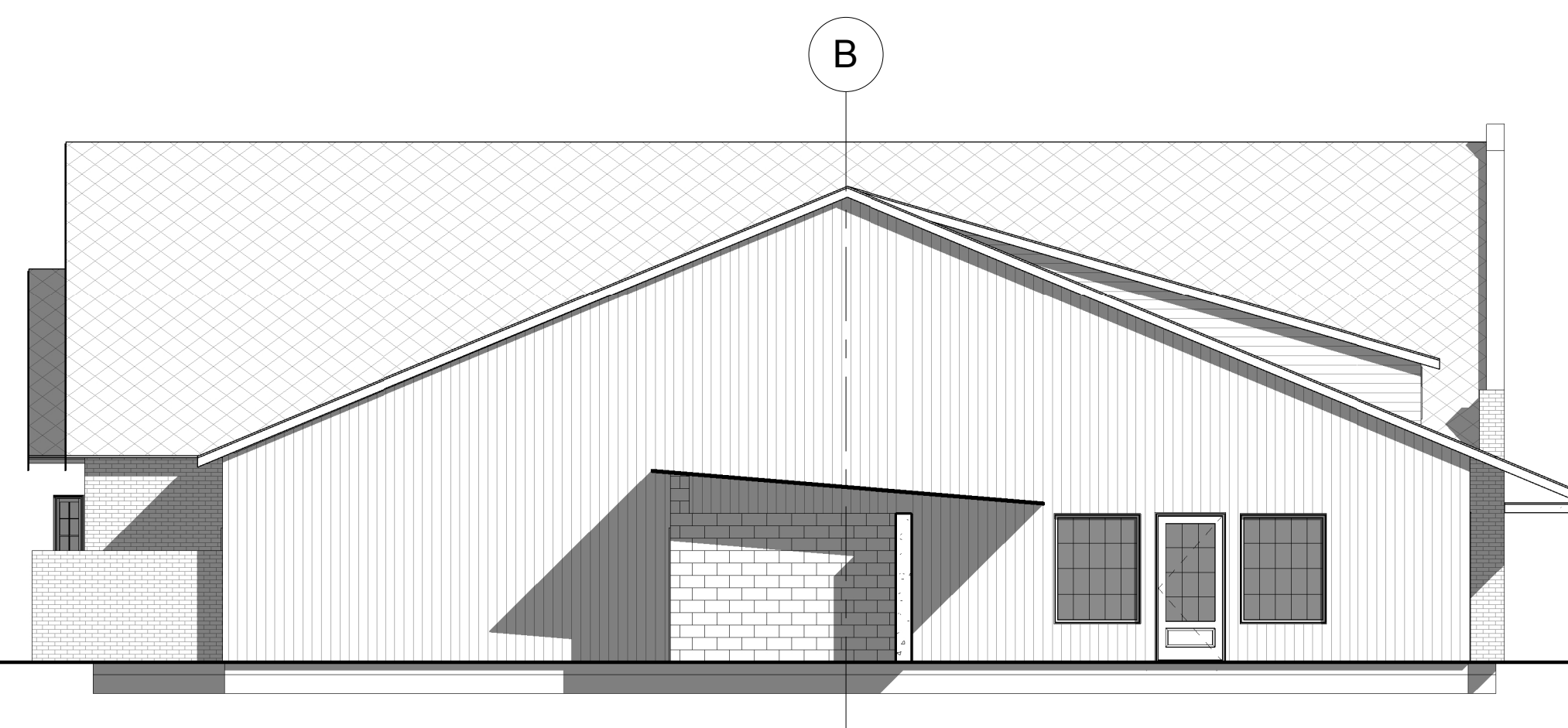
1 Bldg 2 - North Elevation
1/8" = 1'-0"



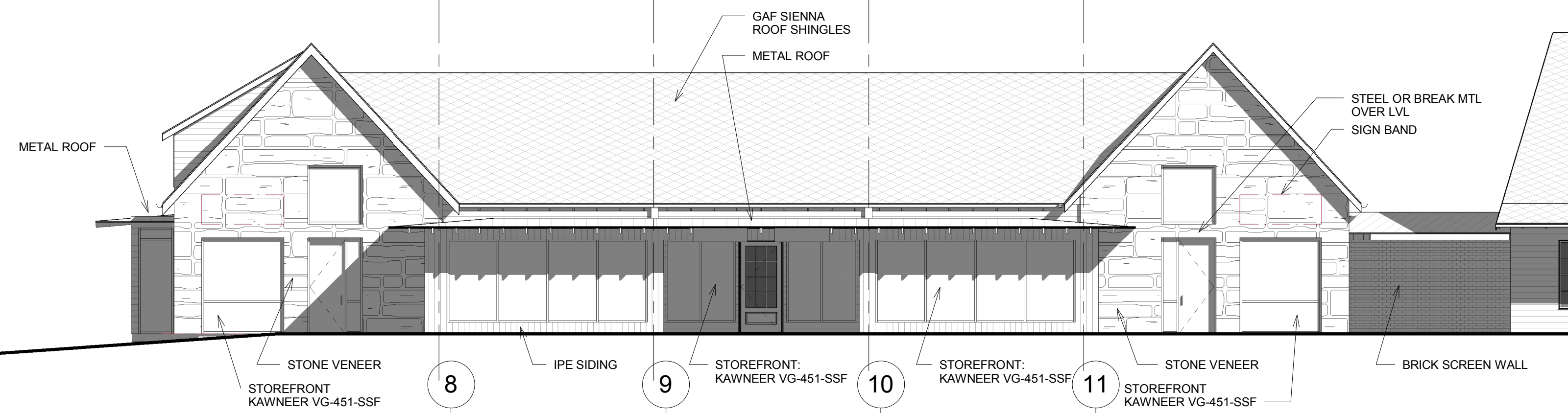
2 Bldg 2 - West Elevation
1/8" = 1'-0"



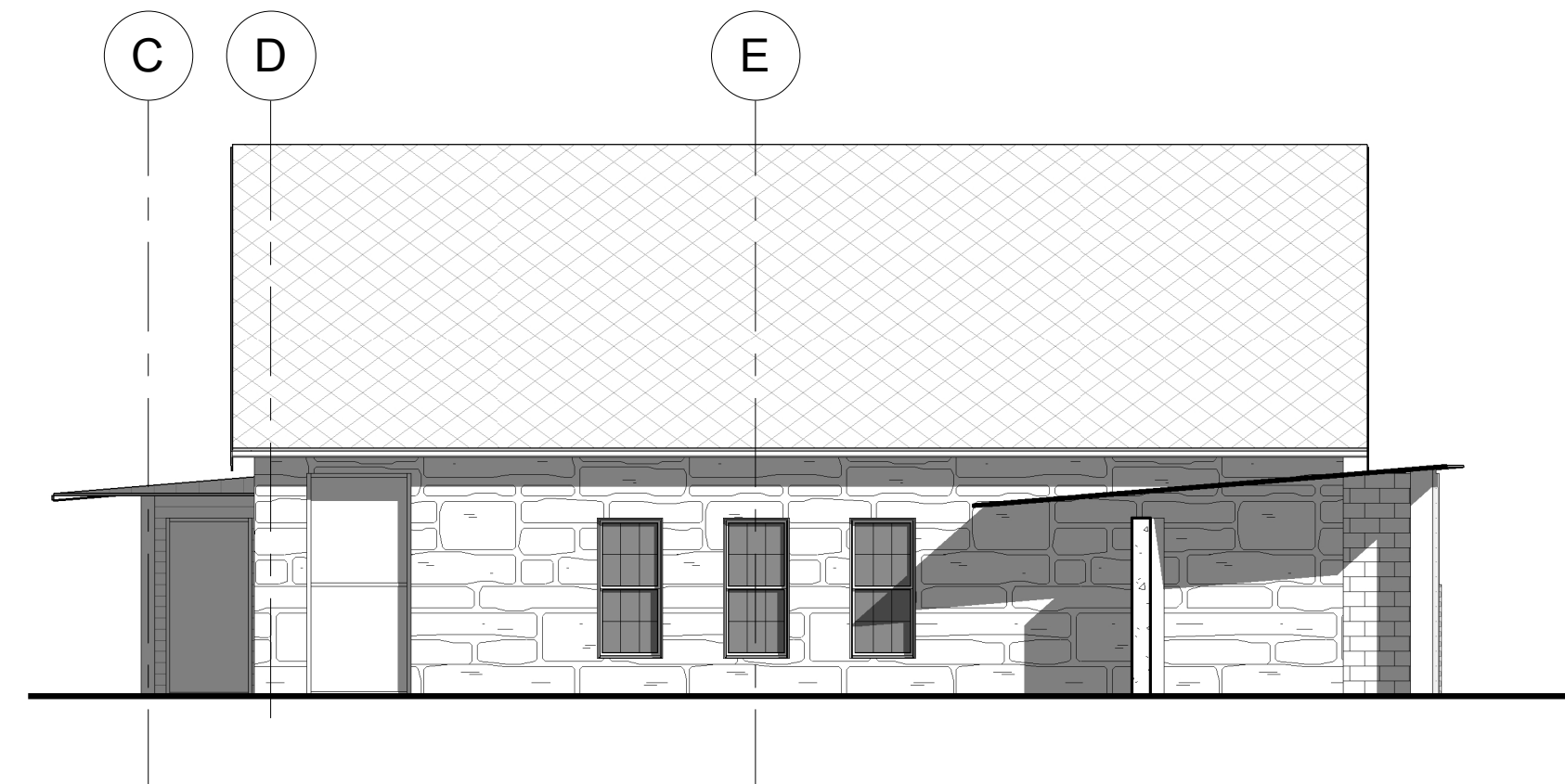
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1/8" = 1'-0"



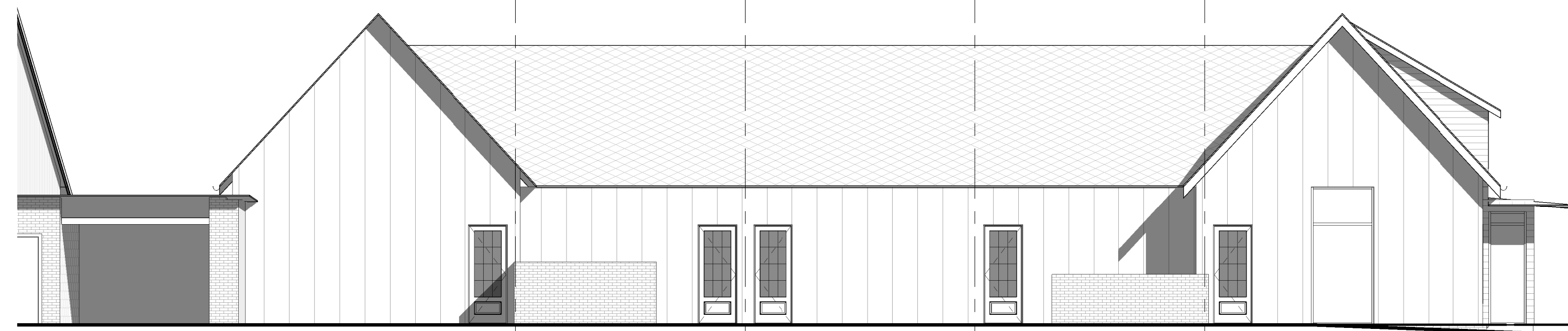
4 Bldg 2 - East Elevation
1/8" = 1'-0"



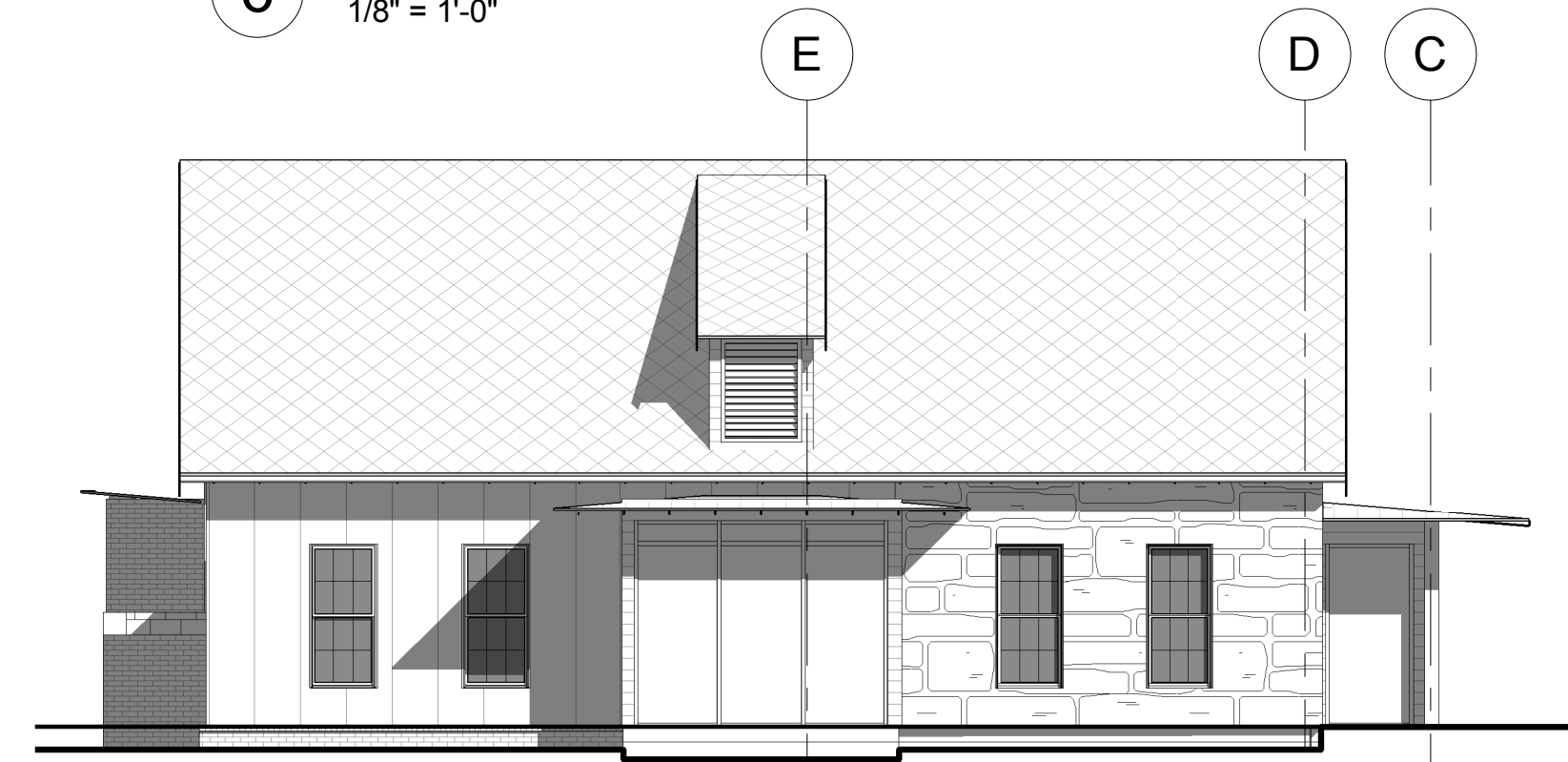
5 Bldg 3 - North Elevation
1/8" = 1'-0"



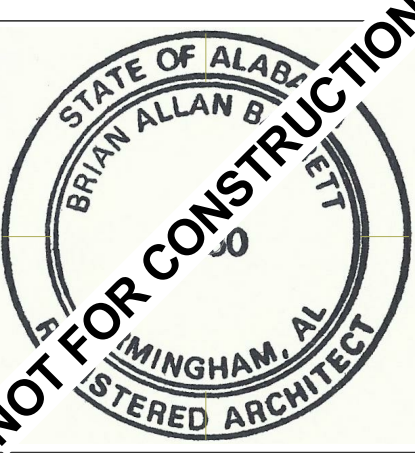
6 Bldg 3 - West Elevation
1/8" = 1'-0"



7 Bldg 3 - South Elevation
1/8" = 1'-0"



8 Bldg 3 - East Elevation
1/8" = 1'-0"



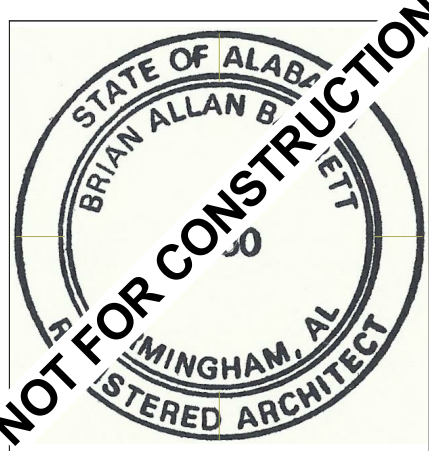
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SCHEMATIC DESIGN

Revision Schedule	
Revision Date	Revision Number
REVISIONS	
DATE	10.20.2017
PROJECT NUMBER	17-041
SHEET TITLE	Exterior Elevations
SHEET NUMBER	A3.2
PM: Author	CB: Checker



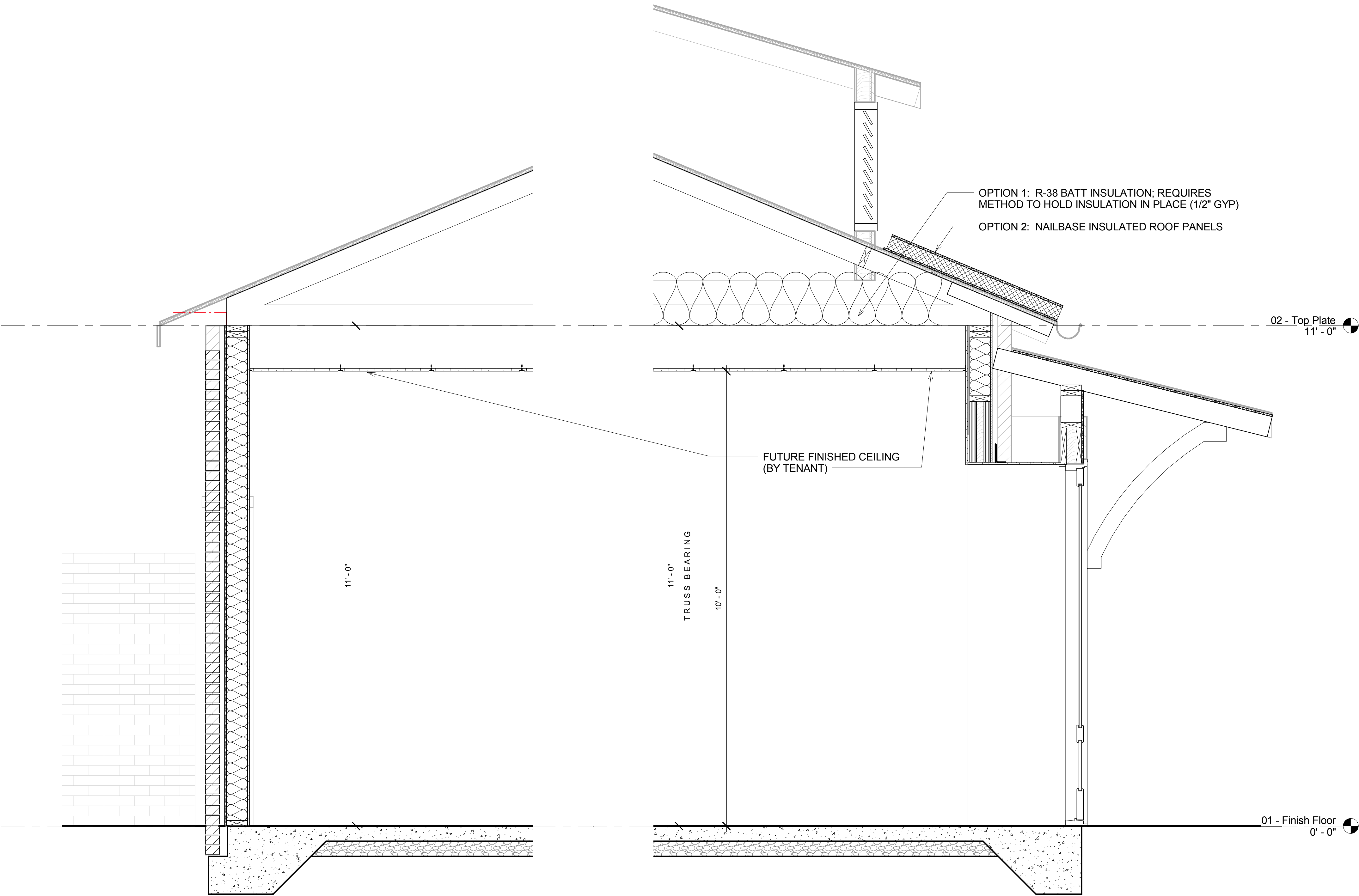
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Revision Schedule	
Revision Date	Revision Number
REVISIONS	
DATE	10.20.2017
PROJECT NUMBER	17-041
SHEET TITLE	Wall Sections
SHEET NUMBER	A5.1
OF	
PM: Author	CB: Checker



1 Section 1
3/4" = 1'-0"