



**A**  
sp1.0 SCALE:  
3/32" = 1'-0"

SITE PLAN

PROJECT DESIGNER:  
PHONE: 1330 267-3152  
2850B WEST MARKET ST  
FAIRLAWN, OHIO 44333  
mbenedict@fideiarch.com

**fidei**  
architecture

**f**  
**a**

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PROJECT CONTRACTOR:

**ALAIR**  
CUSTOM HOMES - RENOVATIONS  
COMMERCIAL  
**440-893-9600**  
10 WEST STREETBORO ST., SUITE 201  
HUDSON, OH 44236  
ALAIRRENOV.COM

PROJECT LOCATION:  
Lot 19 Woodland Ave  
Hudson, OH  
44236

New Residence for:  
**ALAIR HOMES - THE GRAPATINS**

PRINT RECORD:

No.	Description	Date

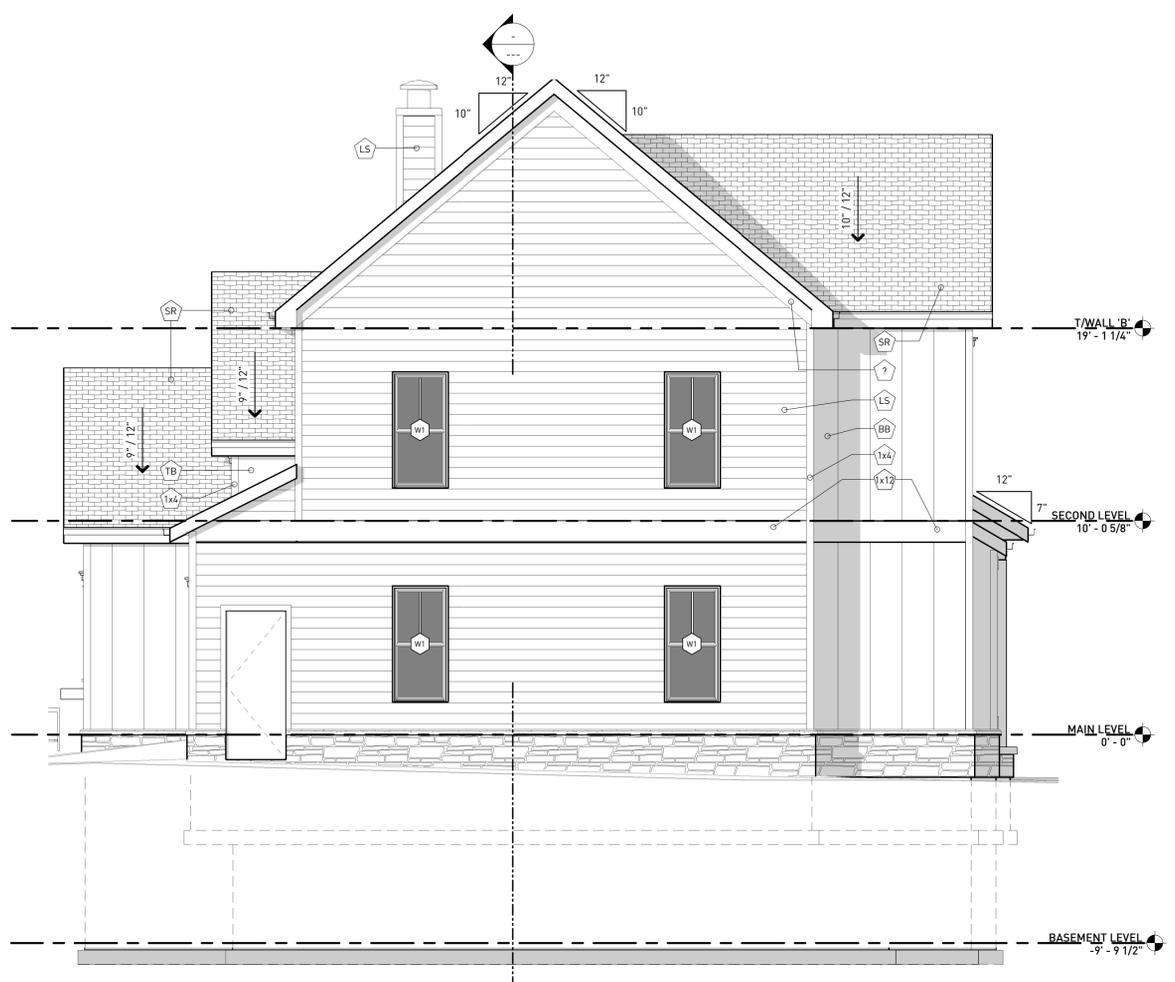
JOB No.  
SITE PLAN

RELEASED FOR CONSTRUCTION  
 NOT RELEASED FOR CONSTRUCTION

sp1.0







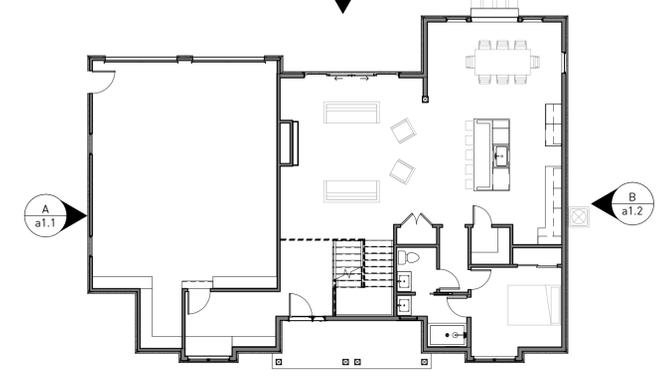
A  
a1.1 SCALE:  
1/4" = 1'-0"

SOUTH ELEVATION



2  
a1.1 SCALE:  
1/4" = 1'-0"

EAST ELEVATION



KEY PLAN

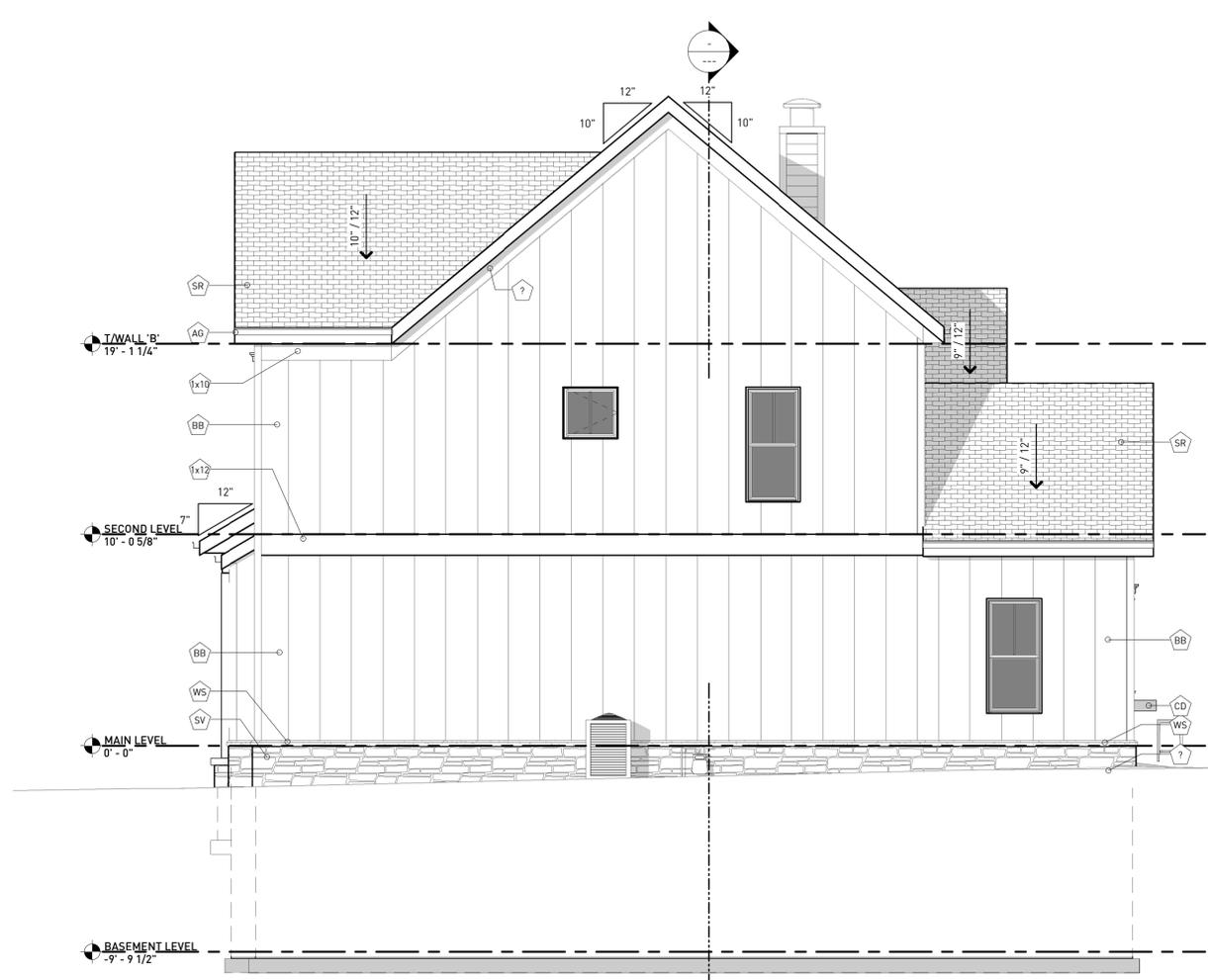
WINDOW SCHEDULE									
TYPE	TYPE	NOM. HEIGHT	NOM. WIDTH	LEVEL	SILL HT.	HEAD HT.	HEADER	TEMP. GLASS	COMMENTS
W1	DOUBLE HUNG	5'-6"	2'-8"	MAIN LEVEL	1'-7"	7'-0"			
W1	DOUBLE HUNG	5'-6"	2'-8"	SECOND LEVEL	1'-7"	7'-0"			
W1	DOUBLE HUNG	5'-6"	2'-8"	SECOND LEVEL	1'-7"	7'-0"			
W1	DOUBLE HUNG	5'-6"	2'-8"	SECOND LEVEL	1'-7"	7'-0"			
W1	DOUBLE HUNG	5'-6"	2'-8"	MAIN LEVEL	1'-7"	7'-0"			
W1.1	DOUBLE HUNG	5'-6"	2'-8"	MAIN LEVEL	1'-7"	7'-0"			MULLED PAIR (SEE ELEVATION)
W1.1	DOUBLE HUNG	5'-6"	2'-8"	MAIN LEVEL	1'-7"	7'-0"			MULLED PAIR (SEE ELEVATION)
W1.1	DOUBLE HUNG	5'-6"	2'-8"	MAIN LEVEL	1'-7"	7'-0"			MULLED PAIR (SEE ELEVATION)
W1.1	DOUBLE HUNG	5'-6"	2'-8"	MAIN LEVEL	1'-7"	7'-0"			MULLED PAIR (SEE ELEVATION)
W2	DOUBLE HUNG	5'-0"	2'-8"	SECOND LEVEL	3'-0"	8'-0"			
W2	DOUBLE HUNG	5'-0"	2'-8"	SECOND LEVEL	3'-0"	8'-0"			
W2.1	DOUBLE HUNG	5'-0"	2'-8"	SECOND LEVEL	3'-0"	8'-0"			
W2.1	DOUBLE HUNG	5'-0"	2'-8"	SECOND LEVEL	3'-0"	8'-0"			
W2.1	DOUBLE HUNG	5'-0"	2'-8"	SECOND LEVEL	3'-0"	8'-0"			
W2.1	DOUBLE HUNG	5'-0"	2'-8"	SECOND LEVEL	3'-0"	8'-0"			
W3	CASEMENT	2'-6"	2'-8"	SECOND LEVEL	4'-7"	7'-0"			
W3	CASEMENT	2'-6"	2'-8"	SECOND LEVEL	4'-7"	7'-0"			
W3	CASEMENT	2'-6"	2'-8"	SECOND LEVEL	4'-7"	7'-0"			
W4	FIXED	4'-6"	3'-0"	MAIN LEVEL	8'-1"	12'-6"			MULLED GROUP (SEE ELEVATION)
W4	FIXED	4'-6"	3'-0"	MAIN LEVEL	8'-1"	12'-6"			MULLED GROUP (SEE ELEVATION)
W4	FIXED	4'-6"	3'-0"	MAIN LEVEL	8'-1"	12'-6"			MULLED GROUP (SEE ELEVATION)
W4	FIXED	4'-6"	3'-0"	MAIN LEVEL	8'-1"	12'-6"			MULLED GROUP (SEE ELEVATION)
W5	FIXED	2'-6"	2'-4"	MAIN LEVEL	4'-7"	7'-0"			
W6	PASS-THRU	4'-6"	6'-0"	MAIN LEVEL	2'-6"	7'-0"			
W7	FIXED	4'-6"	2'-8"	MAIN LEVEL	2'-7"	7'-0"			
W7	FIXED	4'-6"	2'-8"	MAIN LEVEL	2'-7"	7'-0"			
W7.1	FIXED	4'-6"	2'-8"	SECOND LEVEL	3'-8"	8'-2"			MULLED PAIR (SEE ELEVATION)
W7.1	FIXED	4'-6"	2'-8"	SECOND LEVEL	3'-8"	8'-2"			MULLED PAIR (SEE ELEVATION)

**ELEVATION NOTES**

- STUCCO SHALL BE INSTALLED WITH MINIMUM .019" (No.26 GALVANIZED SHEET GAGE) CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP CREED WITH MINIMUM BELOW THE FOUNDATION PLATE LINE ON THE EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C 926. THE WEEP SCREED SHALL BE PLACED A MINIMUM OF 4" ABOVE THE EARTH OR 2" ABOVE PAVED AREAS AND SHALL BE OF THE TYPE THAT WILL BE ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.
- ELEVATIONS SHOWN GRAPHICALLY INDICATE BASEMENT FOUNDATION CONDITIONS.
- ALL ROOF SADDLES TO BE PLYWOOD SHEATHED W/ BUILDING PAPER AND SHINGLES.
- CONTINUOUS RIDGE VENTS TO BE BAFFLED TO PREVENT BACK FLOW
- ALL EXTERIOR WOOD TO BE PRIMED BEFORE INSTALLATION
- ALL WINDOW GRILLS TO MATCH ELEVATIONS
- CONTRACTOR TO PROVIDE PROPER FLASHING AT ALL EXTERIOR DOORS & WINDOWS
- PROVIDE ROOF SADDLE TO DRAIN AWAY FROM BACK SIDE OF CHIMNEY - PROVIDE ALL PROPER FLASHING
- Ⓜ DENOTES GLAZING TO BE TEMPERED

**EXTERIOR FINISH LEGEND**

NO.	DESCRIPTION	HATCH PATTERN	NO.	DESCRIPTION
SR	SHINGLE ROOFING: BASIS OF DESIGN, GAF SLATELINE (ANTIQUE SLATE) 30 YEAR ARCHITECTURAL ASPHALT SHINGLES ON 15# FELT W/ ICE AND WATER SHIELD AS REQUIRED. ASSEMBLE TO BE INSTALLED PER MFC REQUIREMENTS	[Hatch Pattern]	CM	CROWN MOLDING: ARCHITECTURE CROWN MOLDING, COLOR TO BE DETERMINED
FN	FOUNDATION: CMU FOUNDATIONS WITH STUCCO FINISH TO MATCH EXISTING, ADJACENT FOUNDATIONS	[Hatch Pattern]	AG	ALUMINUM GUTTERS: AND DOWN SPOUTS TO MATCH FASCIA AND SOFFIT COLOR
LS	LAP SIDING: WOOD LAP SIDING EXPOSURE, COLOR, SPECIES, & STYLE TO BE DETERMINED	[Hatch Pattern]	RV	RIDGE VENT: CONTINUOUS RIDGE VENTS TO BE BAFFLED TO PREVENT BACKFLOW
			X19	1 X 10 BD.COMPOSITE OR EQUAL COLOR TO MATCH WINDOWS SASH
			X8	1 X 8 BD.COMPOSITE OR EQUAL COLOR TO MATCH WINDOWS SASH
			X6	1 X 6 BD.COMPOSITE OR EQUAL COLOR TO MATCH WINDOWS SASH



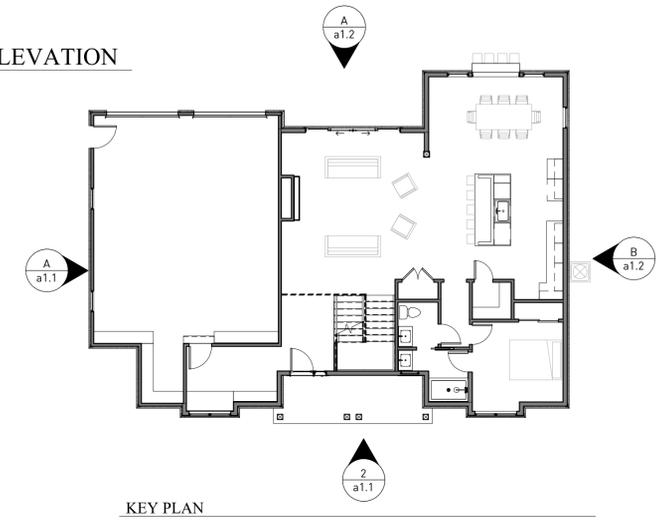
**B**  
**a1.2** SCALE:  
 1/4" = 1'-0"

**NORTH ELEVATION**



**A**  
**a1.2** SCALE:  
 1/4" = 1'-0"

**WEST ELEVATION**



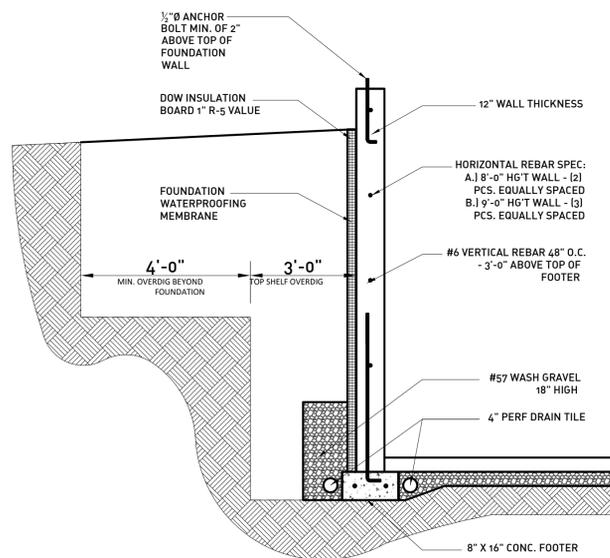
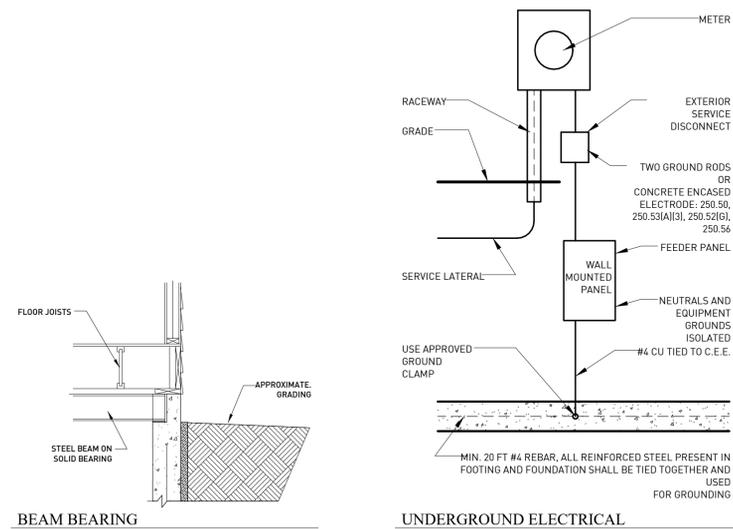
**KEY PLAN**

**ELEVATION NOTES**

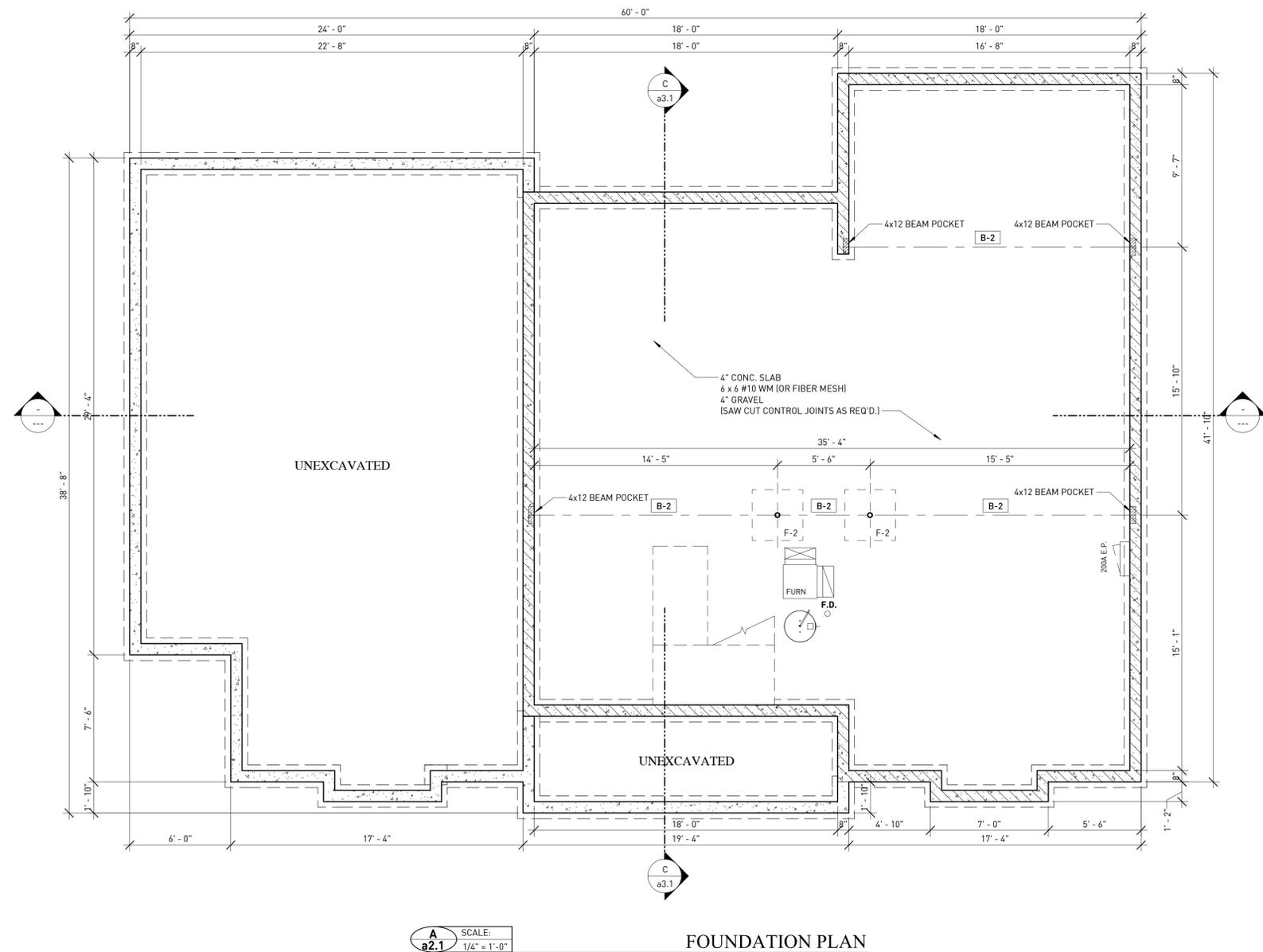
- 1 STUCCO SHALL BE INSTALLED WITH MINIMUM .019" (No. 26 GALVANIZED SHEET GAGE) CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP CREED WITH MINIMUM BELOW THE FOUNDATION PLATE LINE ON THE EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C 926. THE WEEP SCREED SHALL BE PLACED A MINIMUM OF 4" ABOVE VERTICAL ATTACHMENT FLANGE OF 3-1/2" PROVIDED AT OR THE EARTH OR 2" ABOVE PAVED AREAS AND SHALL BE OF THE TYPE THAT WILL BE ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.
- 2 ELEVATIONS SHOWN GRAPHICALLY INDICATE BASEMENT FOUNDATION CONDITIONS.
- 3 ALL ROOF SADDLES TO BE PLYWOOD SHEATHED W/ BUILDING PAPER AND SHINGLES.
- 4 CONTINUOUS RIDGE VENTS TO BE BAFFLED TO PREVENT BACK FLOW
- 5 ALL EXTERIOR WOOD TO BE PRIMED BEFORE INSTALLATION
- 6 ALL WINDOW GRILLS TO MATCH ELEVATIONS
- 7 CONTRACTOR TO PROVIDE PROPER FLASHING AT ALL EXTERIOR DOORS & WINDOWS
- 8 PROVIDE ROOF SADDLE TO DRAIN AWAY FROM BACK SIDE OF CHIMNEY - PROVIDE ALL PROPER FLASHING
- 9 DENOTES GLAZING TO BE TEMPERED

**EXTERIOR FINISH LEGEND**

NO.	DESCRIPTION	HATCH PATTERN	NO.	DESCRIPTION
SR	SHINGLE ROOFING: BASIS OF DESIGN, GAF SLATELINE (ANTIQUE SLATE) 30 YEAR ARCHITECTURAL ASPHALT SHINGLES ON 15# FELT W/ ICE AND WATER SHIELD AS REQUIRED. ASSEMBLE TO BE INSTALLED PER MFC REQUIREMENTS		CM	CROWN MOLDING: ARCHITECTURE CROWN MOLDING. COLOR TO BE DETERMINED
FN	FOUNDATION: CMU FOUNDATIONS WITH STUCCO FINISH TO MATCH EXISTING, ADJACENT FOUNDATIONS		AG	ALUMINUM GUTTERS: AND DOWN SPOUTS TO MATCH FASCIA AND SOFFIT COLOR
LS	LAP SIDING: WOOD LAP SIDING EXPOSURE, COLOR, SPECIES, & STYLE TO BE DETERMINED		RV	RIDGE VENT: CONTINUOUS RIDGE VENTS TO BE BAFFLED TO PREVENT BACKFLOW
			1X10	1 X 10 BD.COMPOSITE OR EQUAL COLOR TO MATCH WINDOWS SASH
			1X8	1 X 8 BD.COMPOSITE OR EQUAL COLOR TO MATCH WINDOWS SASH
			1X6	1 X 6 BD.COMPOSITE OR EQUAL COLOR TO MATCH WINDOWS SASH



TYPICAL FOUNDATION DETAIL



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

FOUNDATION PLAN

**FOUNDATION NOTES**

- DO NOT SCALE DRAWINGS. IF ANY DISCREPANCIES ARISE PLEASE CONTACT THE PROJECT MANAGER AND DESIGNER.
- CONCRETE AND MASONRY FOUNDATION WALLS TO COMPLY W/ SECT 404 IN THE RCD.
- CONCRETE TO BE A MIN. 3000 PSI COMPRESSIVE STRENGTH.
- FOOTING DESIGN ASSUMES A SOIL-BEARING CAPACITY OF 2000 PSF.
- ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL (36" BELOW FINISH GRADE (MIN.))
- REFERENCE FLOOR PLANS FOR PLUMBING LOCATIONS

**STRUCTURAL NOTES**

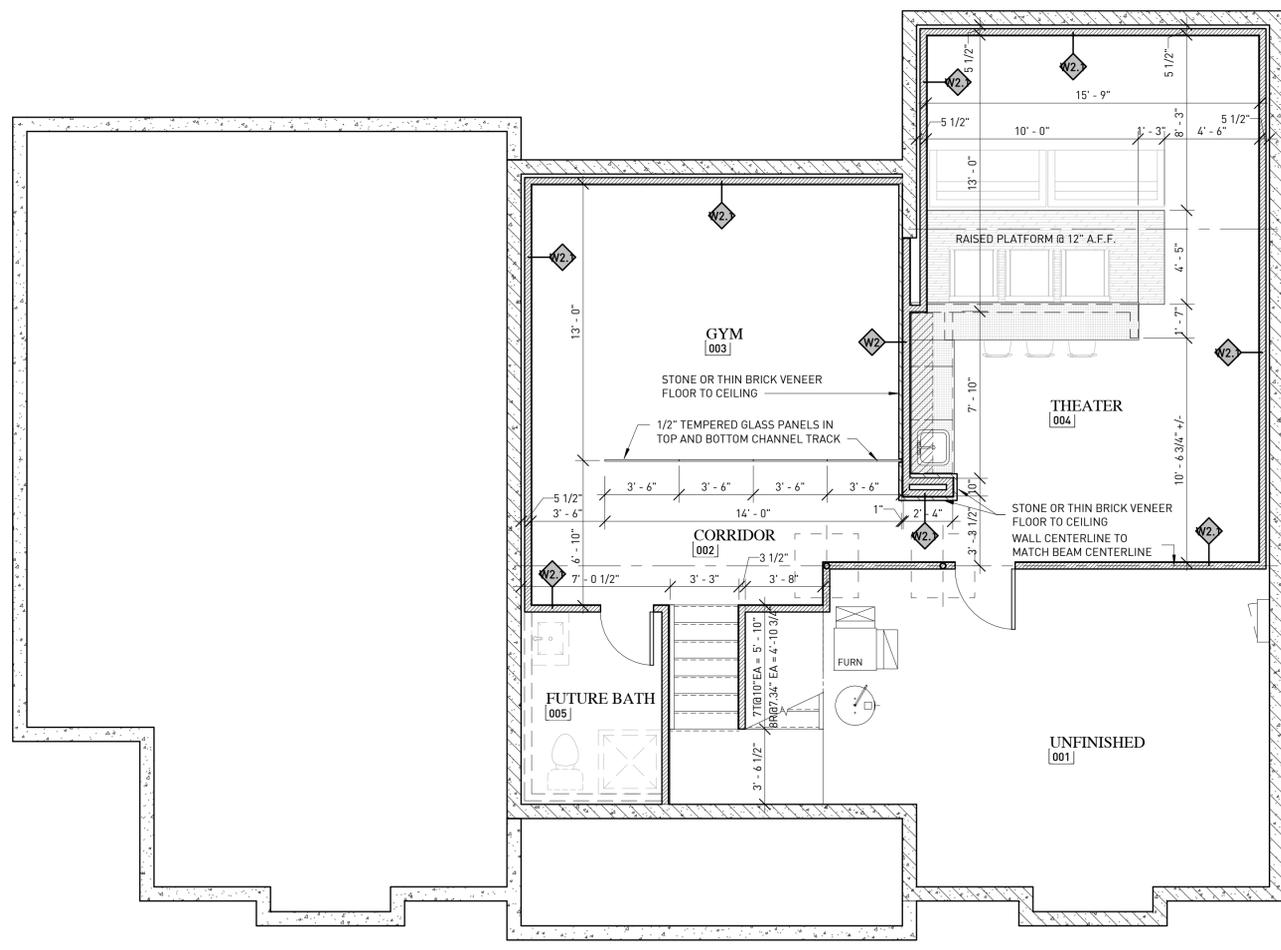
- THESE REQUIREMENTS MAY BE SUPERCEDED BY MORE STRINGENT INFORMATION CONTAINED WITHIN THE DRAWINGS. THE MORE STRINGENT SHALL BE FOLLOWED.
- SOIL CONDITIONS SHALL CONFORM TO THE FOLLOWING CONDITIONS:
  - BEARING CAPACITY - 1,500 PSF MAX
  - WATER TABLE - SHALL BE BELOW BOTTOM OF LOWEST FLOOR LINE OF STRUCTURE WHEN WATER TABLE FOUND ABOVE. NOTIFY ENGINEER OF RECORD IMMEDIATELY.
- UNLESS OTHERWISE NOTED, MINIMUM CONCRETE FOOTING WIDTHS SHALL BE:
  - 1-STORY, NO BRICK VENEER - 16 IN.
  - 2-STORY, NO BRICK VENEER - 18 IN.
  - 1-STORY, WITH BRICK VENEER - 17 IN.
  - 2-STORY, WITH BRICK VENEER - 21 IN.
- FREE DRAINING GRANULAR BACKFILL SHALL BE USED AGAINST FOUNDATION WALLS. ALL BACKFILL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL SUCH AS ORGANIC MATERIALS, DEBRIS, PIECES OF DEMOLISHED CONCRETE, OR ANY OTHER HARD AND/OR POINTED OBJECTS SPECIFICALLY ROCKS LARGER THAN FOUR INCHES IN DIAMETER FOR WALLS WITH UNBALANCED BACKFILL GREATER THAN 4 FEET. BRACING IS REQUIRED TO PREVENT DAMAGE BY THE BACKFILL. THE MINIMUM HEIGHT OF BACKFILL ABOVE THE FOOTING SHALL BE 6 INCHES ABOVE THE FOOTING FOR A MINIMUM WIDTH OF 12 INCHES BEYOND THE FOOTING EDGE. ALL DRAIN TILES SHALL SIT ON TOP OF A MINIMUM OF 2 INCHES OF WASHED GRAVEL AND BE COVERED BY NOT LESS THAN 4 INCHES OF THE SAME MATERIAL.
- FASTENERS FOR PRESSURE TREATED OR FIRE-RETARDANT WOOD SHALL BE HOT-DIPPED GALVANIZED STEEL, STAINLESS STEEL, OR COPPER
- ALL WALL SILL PLATES BEARING DIRECTLY ON FOUNDATION WALLS SHALL BE ANCHORED WITH 1/2" DIAMETER ANCHOR BOLTS OR APPROVED GALVANIZED STEEL ANCHORS INTO THE WALL A MINIMUM OF 7 INCHES OF EMBEDMENT. MINIMUM TWO ANCHORS PER SECTION OF PLATE. MAXIMUM SPACING OF ANCHORS IS 4'-0". ANCHORS SHALL BE PLACED WITHIN 12 INCHES FROM EACH END OF EACH PLATE.
- PLYWOOD SUBFLOORS SHALL BE GLUED AND NAILED TO THE FLOOR JOISTS WITH APA APPROVED ELASTOMERIC STRUCTURAL ADHESIVE AND 8d COMMON NAILS SPACED AT 6 INCHES ON-CENTER AT PANEL EDGES AND 12 INCHES ON-CENTER AT INTERMEDIATE SUPPORTS.
- ALL REINFORCING STEEL (REBAR OR BARS) SHALL CONFORM TO ASTM A-615, GRADE 60 (60,000 psi)
- MAXIMUM SLUMP OF 5 INCHES
- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI 318-05

**STRUCTURAL LEGEND**

SYM.	DESCRIPTION	REMARKS
F1	3 1/2" DIA. SCHED 40 ADJ. STEEL COLUMN ON 2'-0" X 2'-0" X 1'-0" CONC. PAD W/ (3) #4 EA. WY	
F2	3 1/2" DIA. SCHED 40 ADJ. STEEL COLUMN ON 3'-0" X 3'-0" X 1'-0" CONC. PAD W/ (4) #4 EA. WY	
F3	3 1/2" DIA. SCHED 40 ADJ. STEEL COLUMN ON 3'-6" X 3'-6" X 1'-0" CONC. PAD W/ (4) #4 EA. WY	
F4	3 1/2" DIA. SCHED 40 ADJ. STEEL COLUMN ON 2'-6" X 2'-6" X 1'-0" CONC. PAD W/ (3) #4 EA. WY	
B1	W 8X18 STEEL BEAM	
B2	W 8X24 STEEL BEAM	
B3	W 8X28 STEEL BEAM	
B4	(2) 1 1/2" X 11 1/2" LVL w/ 1/2" STEEL FLITCH PLATE	

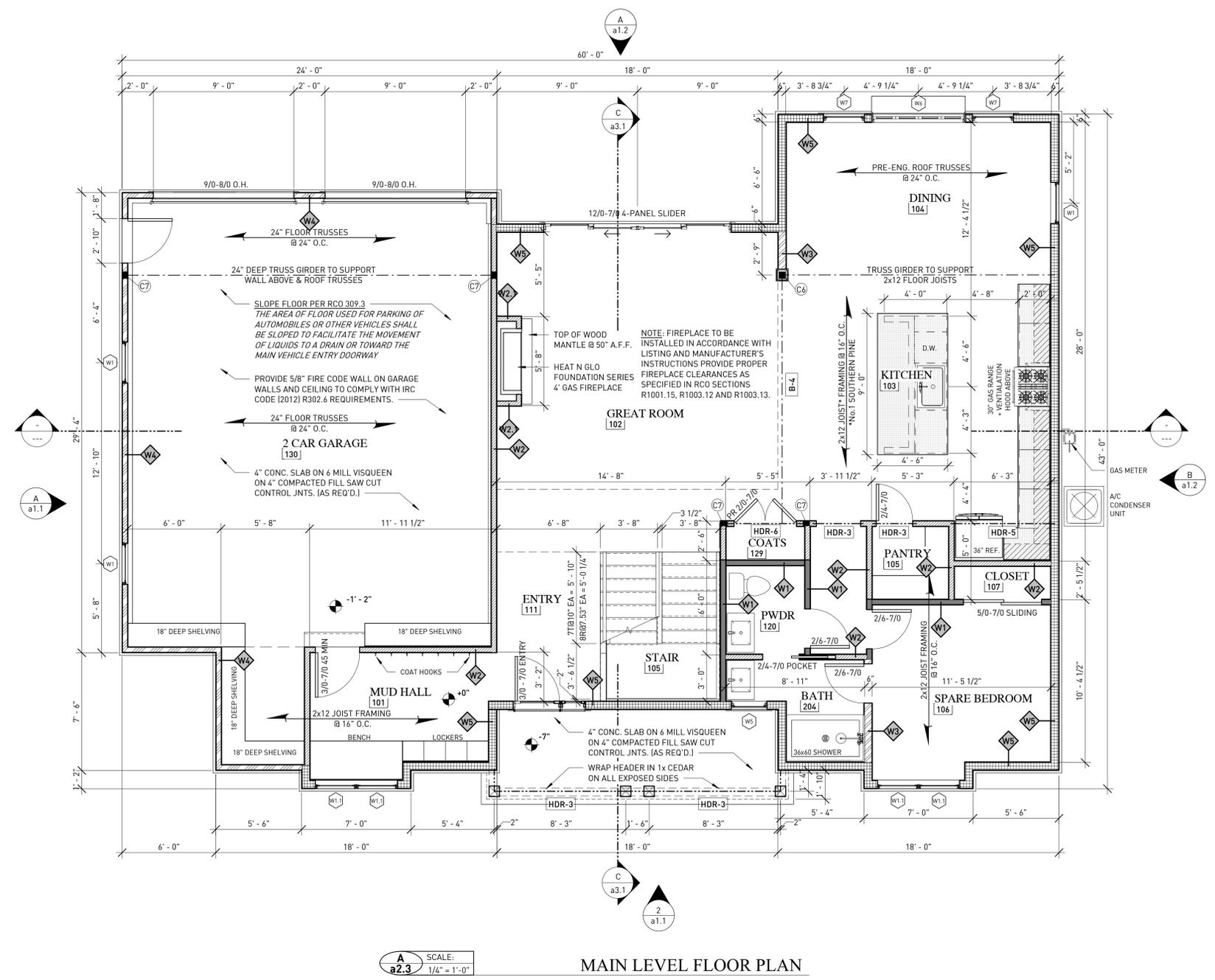
**STRUCTURAL NOTES**

- STRUCTURAL STEEL WIDE FLANGE SHAPES TO BE ASTM A992
- STRUCTURAL STEEL CHANNELS, PLATES, AND ANGLES TO BE ASTM A36
- PIPE: STRUCTURAL GRACE
- TUBE: ASTM A500
- ALL HLS. TO BE 1/4" DIA. (U.N.O.)
- ALL WELDS TO BE E70XX
- PAINT: 1 1/2" STD. GRAY PRIMER



**A** SCALE:  
**a2.2** 1/4" = 1'-0"

**LOWER LEVEL PLAN**



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

MAIN LEVEL FLOOR PLAN

**FLOOR PLAN NOTES**

- GARAGE SPACE SHALL BE SEPARATED FROM LIVING AREA & ATTIC BY 1/2" GYPSUM APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED FROM ROOMS ABOVE BY 5/8" TYPE X GYPSUM (COMPLY W/ RCO R309.2)
- PROVIDE BATHROOM EXHAUST FANS WITH A MINIMUM VENTILATION RATE OF 50 CFM. EXHAUST FANS TO BE VENTED DIRECTLY TO THE OUTSIDE (COMPLY W/ RCO R303.3)
- PROVIDE TEMPERED GLASS IN ALL SPECIFIC HAZARDOUS LOCATIONS SPECIFIED IN SECT. R308.4 IN THE RCO.
- INDEPENDENT METAL DRYER VENT SYSTEM W/ DAMPER TO BE INSTALLED. SYSTEM TO VENT MOISTURE DIRECTLY OUTDOORS (COMPLY W/ RCO M1501.1)
- ALL SLEEPING ROOMS MUST CONTAIN AN OPERABLE WINDOW OR DOOR WHICH WILL PROVIDE A MEANS OF EMERGENCY EGRESS W/ A MIN. 5.7 S.F. CLEAR OPENING IS S.F. AT GRADE FLOOR (24" MIN. CLEAR HGT., 20" MIN. CLEAR WIDTH) (COMPLY W/ RCO R310)
- FUEL-BURNING EQUIPMENT SHALL BE PROVIDED W/ A SUPPLY OF AIR FOR FUEL COMBUSTION, DRAFT HOOD DILUTION, AND VENTILATION OF THE SPACE IN WHICH THE EQUIPMENT IS INSTALLED (COMPLY W/ RCO).
- ENCLOSED ACCESSIBLE SPACE UNDER STAIRS SHALL HAVE WALLS AND SOFFITS PROTECTED ON THE ENCLOSED SIDE WITH 1/2" DRYWALL (COMPLY W/ RCO R311.2.2)
- MINIMUM HEADROOM @ STAIRS SHALL BE 6'-8" MEASURED VERTICALLY FROM THE TREAD NOSING OR FROM THE FLOOR SURFACE OR LANDING PLATFORM. (COMPLY W/ RCO R311.5.2)
- HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF STAIRS WITH 4 OR MORE RISERS. HANDRAILS WILL BE LOCATED 34" TO 38" MEASURED VERTICALLY FROM TREAD NOSING. HAND GRIP CROSS SECTION DIMENSION SHALL NOT EXCEED 2 1/4". (COMPLY W/ RCO R311)
- GUARDRAILS (MIN. 36" HIGH) SHALL BE PROVIDED ON PORCHES, BALCONIES AND RAISED FLOORS. MORE THAN 30" ABOVE FLOOR OR GRADE. OPEN STAIRS SHALL HAVE GUARDRAILS (MIN. 34" HIGH) GUARDRAILS SHALL HAVE INTERMEDIATE RAILS OR ORNAMENTAL CLOSURES WHICH DO NOT ALLOW PASSAGE OF A SPHERE 4 INCHES OR MORE IN DIAMETER. (COMPLY W/ RCO R312)
- PROVIDE PROPER FIREPLACE CLEARANCES AS SPECIFIED IN SECT. R1001.15, R1003.12 AND R1003.13 IN THE RCO.
- LIGHT FIXTURES IN CLOSETS (INCANDESCENT AND FLUORESCENT) SHALL BE ENCLOSED (COMPLY W/ RCO).
- PROVIDE PROPER THICKNESS AND SPANS OF SHEATHING FOR ROOFS AND SUBFLOORS (COMPLY W/ RCO R503)
- ROOF VENTS TO MEET 1:150 VENT AREA RATIO (COMPLY W/ RCO R806)
- AN ATTIC ACCESS (22" x 30" MIN.) SHALL BE PROVIDED TO ANY ATTIC HAVING 30" OF CLEAR HEIGHT (COMPLY W/ RCO R807)
- PROVIDE MINIMUM (2) 2X10'S W/ 1/2" PLYWOOD OPENINGS AND INTERIOR BEARING WALL OPENINGS UNLESS OTHERWISE NOTED
- PROVIDE MINIMUM OF (3) 2X4'S AT EACH END OF ALL BEAMS AND GIRDER TRUSSES UNLESS OTHERWISE NOTED. ALL SUCH CONCENTRATED LOADS SHALL BE TRANSFERRED TO FOUNDATION VIA BEAMS, POST AND / OR SOLID BLOCKING



**BEAM/HEADER SCHEDULE**

SYM.	DESCRIPTION	REMARKS
HDR1	(3) 2X4'S WD.	
HDR2	(3) 2X10'S WD.	
HDR3	(2) 2X12'S WD. + 1/2" PLYWD FLITCH	
HDR4	(3) 9 1/2" X 1 3/4" LVL'S	
HDR5	(2) 11 1/2" X 1 3/4" LVL'S	
HDR6	(2) 14 X 1 3/4" LVL'S	
HDR7	(3) 20 X 1 3/4" LVL'S	

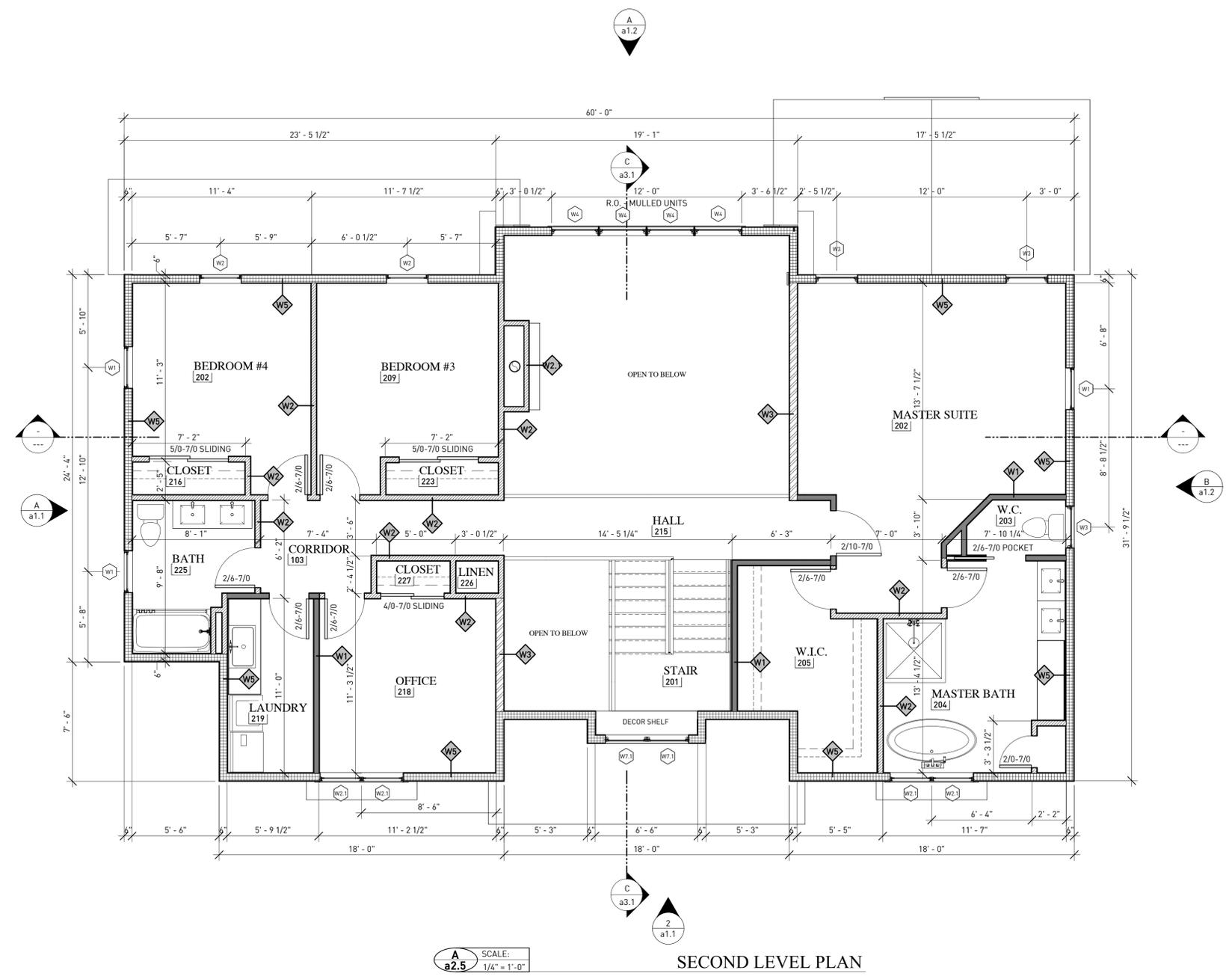
NOTE: MIN. WOOD HEADER - (3) 2X6

**COLUMN SCHEDULE**

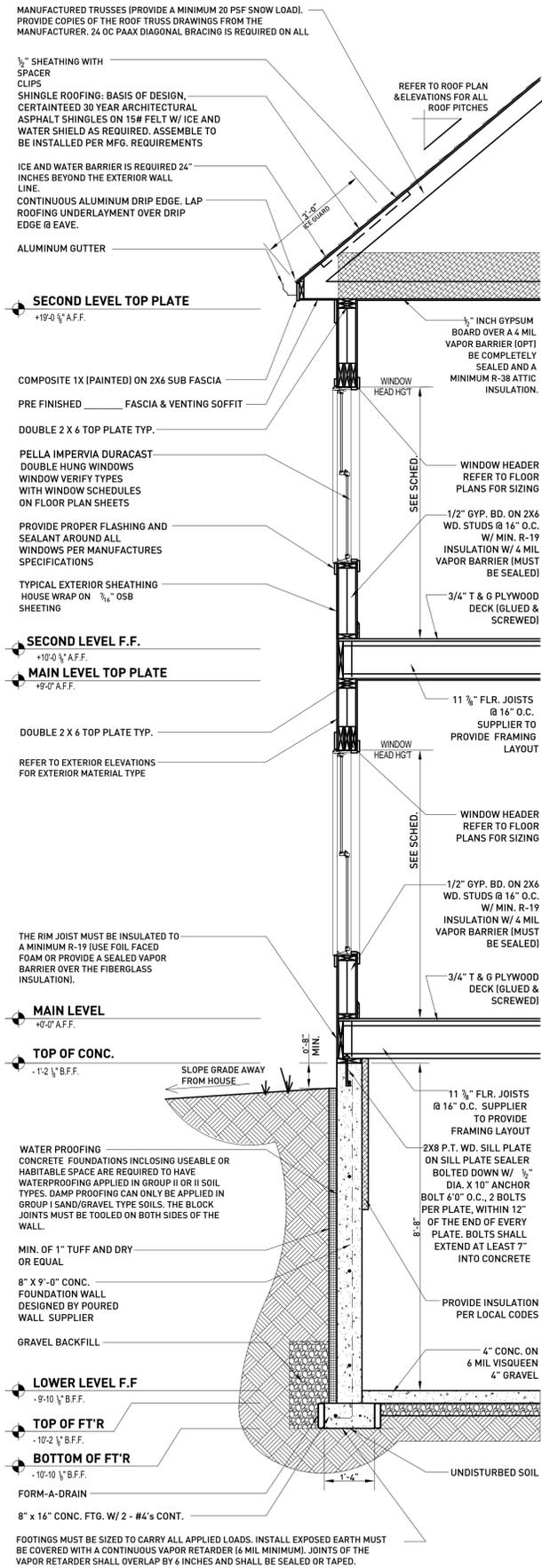
C1	(3) 2X4'S
C2	(4) 2X4'S
C3	(2) 2X6'S
C4	(3) 2X6'S
C5	(4) 2X8'S
C6	(1) 5-1/4" X 5-1/4" PSL
C7	(1) 3-1/2" X 5-1/4" PSL

**WALL TYPE LEGEND**

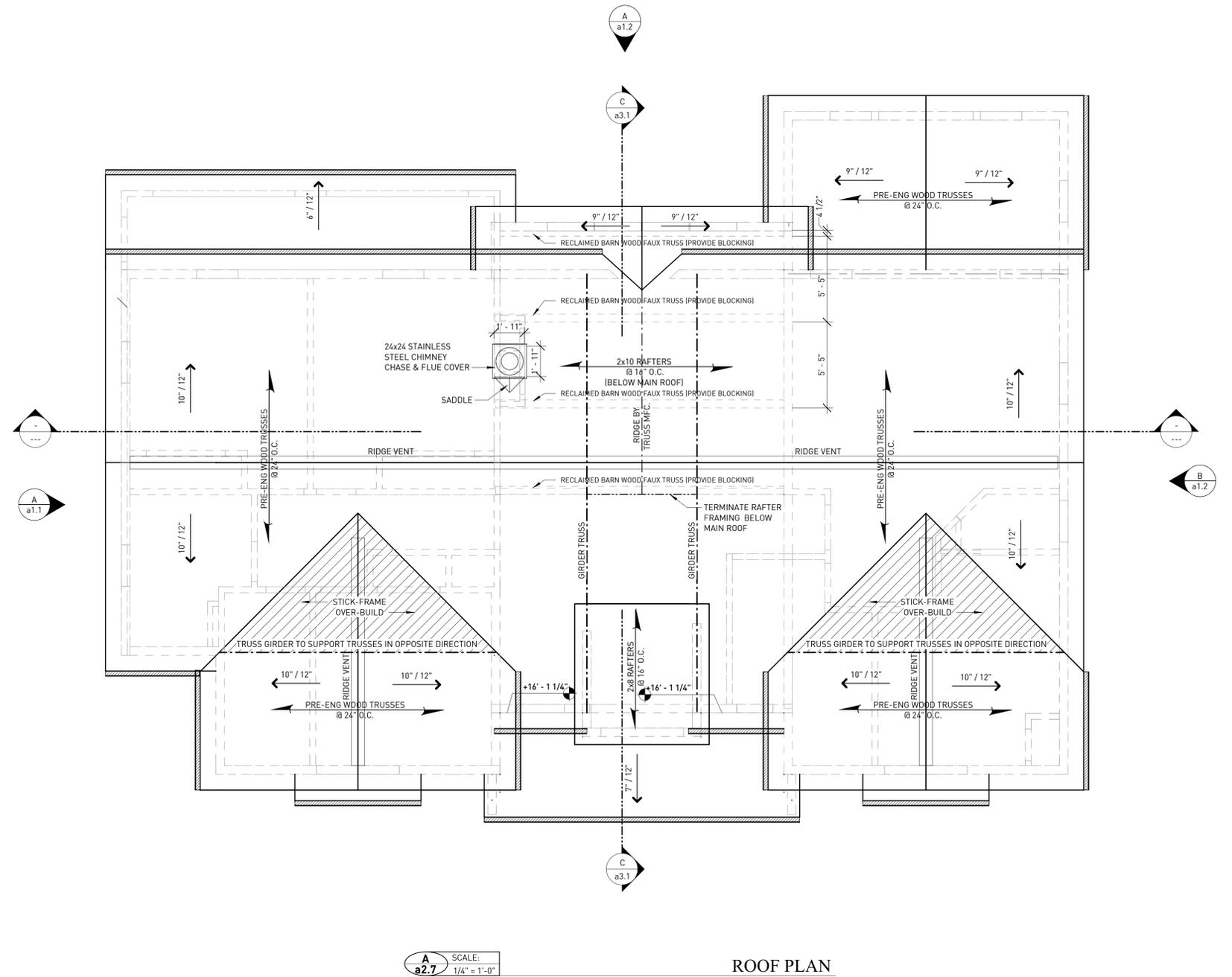
NO.	WALL HATCH	WALL TYPE DESCRIPTION
1		INTERIOR 2X4 WALL : 1/2" GYP. BOARD ON BOTH SIDES OF 2X4 WD. STUDS @ 16" O.C. W/ R-13 SOUND INSULATION
2		INTERIOR 2X4 WALL : 1/2" GYP. BOARD ON BOTH SIDES OF 2X4 WD. STUDS @ 16" O.C.
3		INTERIOR 2X6 WALL : 1/2" GYP. BOARD ON BOTH SIDES OF 2X4 WD. STUDS @ 16" O.C. W/ R-13 SOUND INSULATION
4		EXTERIOR 2X4 WALL : 1/2" OSB BOARD ON EXTERIOR SIDE OF 2X4 WD. STUDS @ 16" O.C. W/ 1/2" GYP. BOARD ON INTERIOR SIDE W/ R-15 INSULATION
5		EXTERIOR 2X6 WALL : 1" RS ZIP SHEATHING ON EXTERIOR SIDE OF 2X6 WD. STUDS @ 16" O.C. W/ 1/2" GYP. BOARD ON INTERIOR SIDE W/ R-15 INSULATION



WALL TYPE LEGEND					NO.
W1	W2	W3	W4	W5	WALL HATCH
<b>INTERIOR 2x4 WALL:</b> 5/8" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C. W/ R-13 SOUND INSULATION <b>TYPE 1.1:</b> GYP. BD ON ONE SIDE ONLY	<b>INTERIOR 2x6 WALL:</b> 5/8" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C. <b>TYPE 2.1:</b> GYP. BD ON ONE SIDE ONLY	<b>INTERIOR 2x6 WALL:</b> 5/8" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C. W/ R-13 SOUND INSULATION <b>TYPE 3.1:</b> GYP. BD ON ONE SIDE ONLY	<b>EXTERIOR 2x4 WALL:</b> 5/8" OSB BOARD ON EXTERIOR SIDE OF 2x4 WD. STUDS @ 16" O.C. W/ 7/8" GYP. BOARD ON INTERIOR SIDE W/ R-15 INSULATION	<b>EXTERIOR 2x6 WALL:</b> 1" RS ZIP SHEATHING ON EXTERIOR SIDE OF 2x4 WD. STUDS @ 16" O.C. W/ 7/8" GYP. BOARD ON INTERIOR SIDE W/ R-19 INSULATION	<b>WALL TYPE DESCRIPTION</b>



**B a2.7** SCALE: 1/2" = 1'-0"  
TYPICAL WALL SECTION



**A a2.7** SCALE: 1/4" = 1'-0"  
ROOF PLAN

- ROOF NOTES:**
- DO NOT SCALE DRAWINGS. IF ANY DISCREPANCIES ARISE PLEASE CONTACT THE PROJECT MANAGER AND DESIGNER.
  - STRUCTURAL FRAMING MEMBERS TO BE SPF #2
  - ALL TRUSSES TO BE PRE-ENGINEERED BY TRUSS MFG. (SEE TRUSS SECTIONS IF APPLICABLE).
  - CALCULATE ALL TRUSSES TO MAINTAIN NOTED SOFFIT HEIGHTS AND OVERHANG DIMENSIONS.
  - TYPICAL EXTERIOR OR BEARING HEADER IS 3 - 2 x 10's @ 2 x 6 WALLS AND 2 - 2 x 10's @ 2 x 4 WALLS, UNLESS NOTED OTHERWISE
  - ALL INTERIOR NON-BEARING HEADERS LESS THAN 4'-0" SPAN TO BE TWO 2 x 4's EXCEPT AS NOTED.
  - TYP. SOLID FRAMING POSTS TO BE MIN. OF 3 - 2 x 4's EXCEPT AS NOTED BY TRUSS MFG.
  - TRUSS CLIPS, HANGERS, AND STRUCTURAL CONNECTIONS FOR TRUSS SYSTEM TO BE SPECIFIED BY THE TRUSS MANUFACTURER ON SEALED TRUSS ENGINEERING PLANS.
  - ALL ENGINEERED BEAMS ARE DESIGNED WITH LOADS AS FOLLOWS:  
ROOF LOAD 20 PSF LIVE LOAD  
20 PSF DEAD LOAD
  - PROVIDE PROPER THICKNESS AND SPANS OF SHEATHING FOR ROOFS AND SUBFLOORS (COMPLY W/ RCO R503).
  - ROOF VENTS TO MEET 1:150 VENT AREA RATIO (COMPLY W/ RCO R806).
  - AN ATTIC ACCESS (22" x 30" MIN.) SHALL BE PROVIDED TO ANY ATTIC HAVING 30" OF CLEAR HEIGHT (COMPLY W/ RCO R807).
  - ALL BEAMS TO BE 1.9E UNLESS OTHERWISE NOTED.

**PROJECT DESIGNER:**  
PHONE: 13301 267-3152  
2850B WEST MARKET ST  
FAIRLAWN, OHIO 44333  
mbenedict@fideiarch.com

**fidei architecture**

**PROJECT CONTRACTOR:**  
**ALAIR**  
CUSTOMER: RESIDENTIAL COMMERCIAL  
**440-893-9600**  
10 WEST STREET/STARKS ST, SUITE 201  
HUDSON, OH 44236  
ALAIR@ALAIR.COM

**PROJECT LOCATION:**  
Lot 19 Woodland Ave  
Hudson, OH  
44236

**New Residence for:**  
**ALAIR HOMES - THE GRAPATINS**

**PRINT RECORD:**  
No. Description Date

**JOB No.:**  
ROOF PLAN

RELEASED FOR CONSTRUCTION  
 NOT RELEASED FOR CONSTRUCTION

**a2.7**