

ARC 310 - CONSTRUCTION DESIGN

CHARLES GRIFFITH, SALEH RABIE, AHSAN HAQ

PROJECT 2 - MORICHES BAY RECREATION CENTER

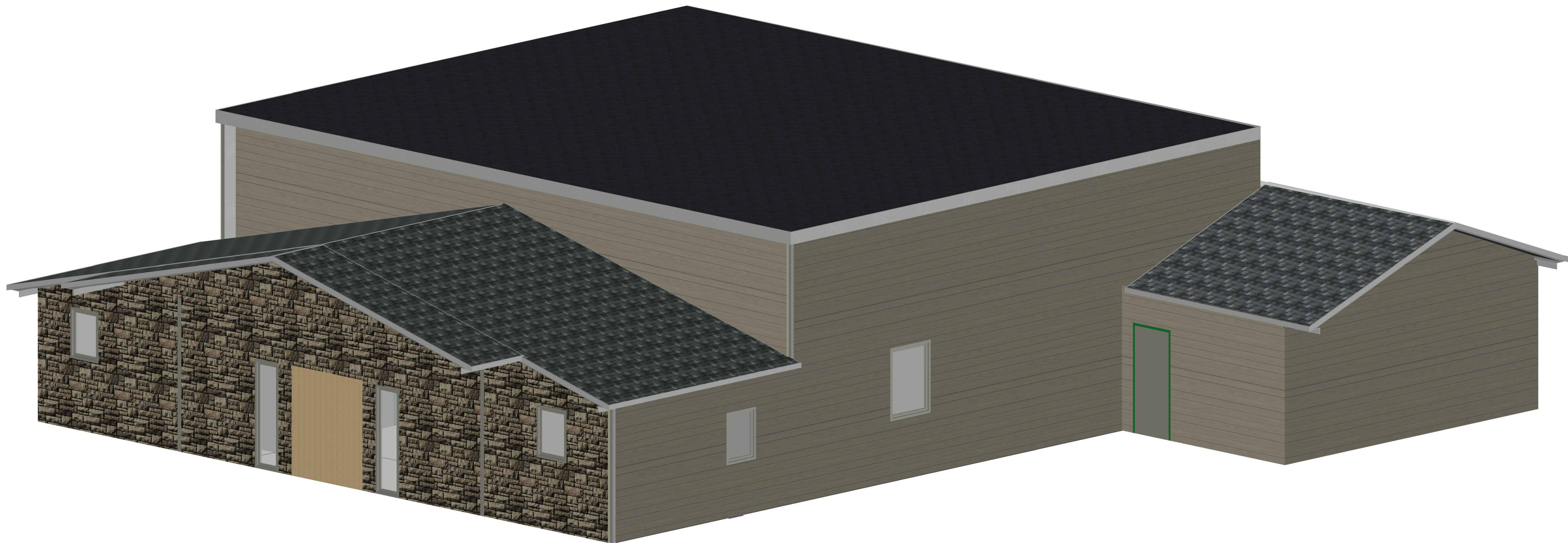


TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC			DESIGN CRITERIA			ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARDS
GROUND SNOW LOAD	WIND SPEED (mph)	SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM Weathering	Frost line depth	Termite		
20	130	B	MOD TO HEAVY	3' BFG	SEVERE	YES	CONSULT (FIRM)

ABC

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REVISIONS		
NO.	DESCRIPTION	DATE

Farmingdale

State College

State University of New York

PROJECT TITLE:

MORICHES BAY
RECREATION
CENTER

313 FROWEIN ROAD,
CENTER MORICHES

PROJECT NO.	09000
DRAWN BY:	AHSAN HAQ
SCALE:	1" = 20'

DRAWING TITLE:

MORICHES BAY
RECREATION
CENTER

EXISTING CONDITIONS

SHEET NO.

A-1

GENERAL NOTES
GENERAL CONTRACTUAL OBLIGATION:
1. GC SHALL ABIDE BY AND BE RESPONSIBLE FOR ALL THE REQUIREMENTS STATED IN THE AIA DOCUMENT A201 – GENERAL CONDITIONS (CURRENT ISSUE), UNLESS NOTED OTHERWISE.
OTHER GENERAL CONDITIONS:
2. GC SHALL PROVIDE ALL LABOR, MATERIAL, EQUIPMENT, TOOLS, UTILITIES, INSURANCE, TRANSPORTATION, AND PAY FOR ALL REQUIRED TAXES, PERMITS, AND SERVICES REQUIRED TO COMPLETE THE ENTIRE SCOPE OF WORK, WHETHER TEMPORARY OR PERMANENT. ALL MATERIALS EXCEPT TEMPORARY FORMS ARE TO BE NEW, UNUSED AND OF THE SPECIFIED QUALITY. THE GC SHALL MAINTAIN THE PROJECT SITE IN A CLEAN AND ORDERLY FASHION. TOOLS AND EQUIPMENT SHALL BE SECURED, AND ALL DEBRIS SHALL BE REMOVED DAILY. THE GC SHALL MAINTAIN A VISITORS LOG. ALL VISITORS SHALL BE REQUIRED TO SIGN SUCH LOG. DATES AND TIMES OF ENTERING AND EXITING THE SITE FOR ALL VISITORS SHALL BE NOTED. GC TO SECURE PROJECT SITE FROM UNAUTHORIZED ENTRY AT ALL TIMES. COORDINATE LOCATION OF BARRICADES OR TEMPORARY FENCING WITH THE DOCUMENTS AND OWNER. THE GC SHALL PHOTOGRAPH THE PROJECT SITE AND EXISTING CONDITIONS PRIOR TO THE BEGINNING OF THE WORK. PHOTOGRAPHS SHALL BE TAKEN OF THE PROGRESS OF THE WORK AT INTERVALS NO GREATER THAN 7 CALENDAR DAYS. PHOTOGRAPHS SHALL BE IN COLOR AND IDENTIFIED BY DATE AND TIME OF DAY. MAINTAIN DIGITAL PHOTOGRAPH FILE ON SITE. DELIVER COMPLETED FILE TO THE ARCHITECT UPON RECEIPT OF USE AND OCCUPANCY PERMIT. THE GC SHALL MAINTAIN AN ON SITE STAGING AREA AND SHALL KEEP THE AGENCY APPROVED CONSTRUCTION DOCUMENTS, ALL LICENSING INFORMATION, VISITORS LOG, PHOTOGRAPH FILE, AND AT LEAST ONE SET OF REPRODUCIBLE CONSTRUCTION DOCUMENTS, TO BE MARKED CONCURRENTLY WITH THE CONSTRUCTION, TO RECORD ACTUAL CONDITIONS OF THE CONSTRUCTION AND DEVICE INSTALLATIONS. DELIVER COMPLETED REPRODUCIBLE RECORD SET TO THE ARCHITECT UPON COMPLETION OF THE PROJECT. GC TO REMOVE AND

DISPOSE OF ALL WASTE AND DEBRIS FROM PROJECT SITE IN A LEGAL MANNER. UPON COMPLETION OF THE WORK, PROVIDE PROFESSIONAL CLEANING SERVICE TO CLEAN THE PROJECT SITE, INTERIOR AND EXTERIOR, FOR FINAL OCCUPANCY.
3. GRAPHICS:
EXISTING CONSTRUCTION (PARTITIONS , DOORS, PLUMBING FIXTURES, CASEWORK, EQUIPMENT, ETC.) IS INDICATED ON THE FLOOR PLANS, WITH LINES IN A LIGHTER SHADE (SCREENED). EXISTING WALLS TO REMAIN ARE POCHED. NEW CONSTRUCTION IS INDICATED BY FULL INTENSITY (SOLID) LINES. ITEMS TO BE DEMOLISHED ARE INDICATED IN LIGHT FINELY DASHED LINES.
4. INTERPRETATION:
THE ARCHITECT IS SOLELY RESPONSIBLE FOR THE DESIGN INTERPRETATION OF THE CONSTRUCTION DOCUMENTS.
5. DOCUMENT DISCREPANCIES:
WHENEVER THERE ARE DISCREPANCIES IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL BASE HIS BID UPON THE BETTER QUALITY OR GREATER QUANTITY OF THE MATERIAL OR WORK DESCRIBED.
6. DRAWING SCALE:
THE CONTRACTOR SHALL NOT SCALE DRAWINGS.
7. FIELD CONDITIONS:
THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS, CONDITIONS, AND OTHER INFORMATION KNOWN TO THE CONTRACTOR WITH THE CONTRACT DOCUMENTS BEFORE COMMENCING ACTIVITIES. ERRORS, INCONSISTENCIES, OR OMISSIONS DISCOVERED SHALL BE REPORTED TO THE ARCHITECT AT ONCE. NO ALLOWANCE WILL BE MADE ON BEHALF OF THE CONTRACTOR OR SUBCONTRACTORS FOR FAILURE TO VISIT THE SITE.

WALL LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- PROPOSED NEW FRAME PARTITION
- INDICATES SIMPSON HOLD DOWN ANCHOR SEE DETAIL #1 SHEET 1
- PROPOSED POURED CONC. FOUNDATION WALL & FOOTING

ELECTRICAL LEGEND

COORDINATE WITH OWNER FOR LOCATION AND FUNCTION OF LIGHT SWITCHES AND FIXTURES
LOCATE SMOKE DETECTORS AS PER CODE ALL SMOKE DETECTORS TO BE INTERCONNECTED AND HARDWIRED

SD SMOKE DETECTOR / CO2 DETECTOR
CO SMOKE DETECTORS ARE TO BE INTERCONNECTED AND HARD WIRED PER NEW YORK STATE RESIDENTIAL CODE SECTION R317

SD/CO SMOKE DETECTOR / CO2 DETECTOR
BATT. SMOKE DETECTORS ARE TO BE BATTERY POWERED PER APPENDIX J

- TELEPHONE OUTLET
- CABLE OUTLET
- DUPLEX RECEPTACLE (MOUNTED 12" A.F.F.)

- DOUBLE DUPLEX RECEPTACLE (MOUNTED 12" A.F.F.)
- C.H. DUPLEX RECEPTACLE (MOUNTED 42" A.F.F.)
- DEDICATED OUTLET
- GFI DUPLEX RECEPTACLE (MOUNTED 42" A.F.F.) W/ GROUND FAULT INTERRUPTOR
- SINGLE POLE LIGHT SWITCH
- SINGLE POLE LIGHT SWITCH WITH DIMMER CONTROL
- 3-WAY LIGHT SWITCH
- RECESSED FLOURESCENT LIGHT FIXTURE

- SURFACE MOUNTED WATER RESISTANT FLOURESCENT LIGHT FIXTURE
- PENDANT HUNG FLOURESCENT LIGHT FIXTURE
- CEILING MOUNTED FAN W/ FLOURESCENT LIGHT FIXTURE
- UNDER CABINET FLUORESCENT LIGHT FIXTURE
- WALL MOUNTED EXTERIOR FLOURESCENT LIGHT FIXTURE
- WALL MOUNTED INTERIOR FLOURESCENT LIGHT FIXTURE
- WALL MOUNTED INTERIOR VANITY FLOURESCENT LIGHT FIXTURE
- CEILING MOUNTED EXHAUST FAN. (VENTED TO AMBIANT AIR)

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RECREATION
CENTER
313 FROWEIN ROAD,
CENTER MORICHES

PROJECT NO.	09000
DRAWN BY:	AHSAN HAQ
SCALE:	1" = 20'

DRAWING TITLE:
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EXISTING CONDITIONS

SHEET NO.

A-2

INDEX

A1—COVER SHEET

A2—GENERAL NOTES

A3—INDEX AND PHOTOS

A4—LOCATION AND
PICTURES

A5—FIRST FLOOR

A6—BASEMENT

A7—ROOF PLAN

A8—SECTIONS

A9—ELEVATIONS

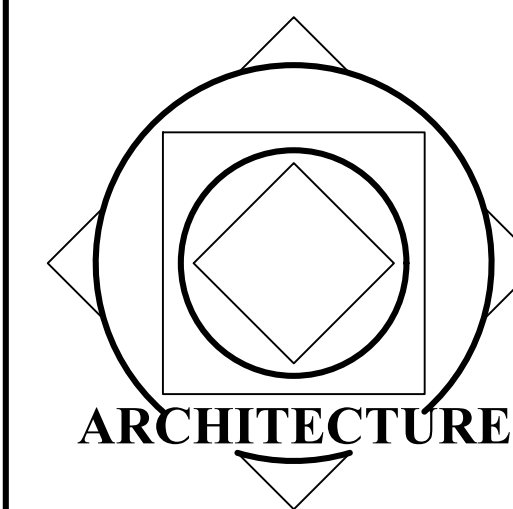
A10—ELEC PLAN

A10—DETAILS

A11—WINDOW AND DOOR
SCHEDULES

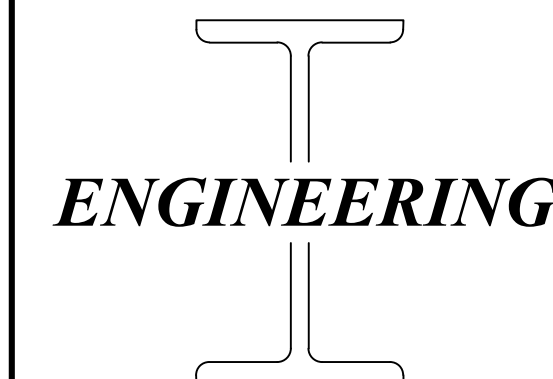


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A3



LOCATION MAP:
MORICHES BAY
RECREATION CENTER
313 FROWEIN ROAD,
CENTER MORICHES

SITE AERIAL
SOURCE: GOOGLE EARTH



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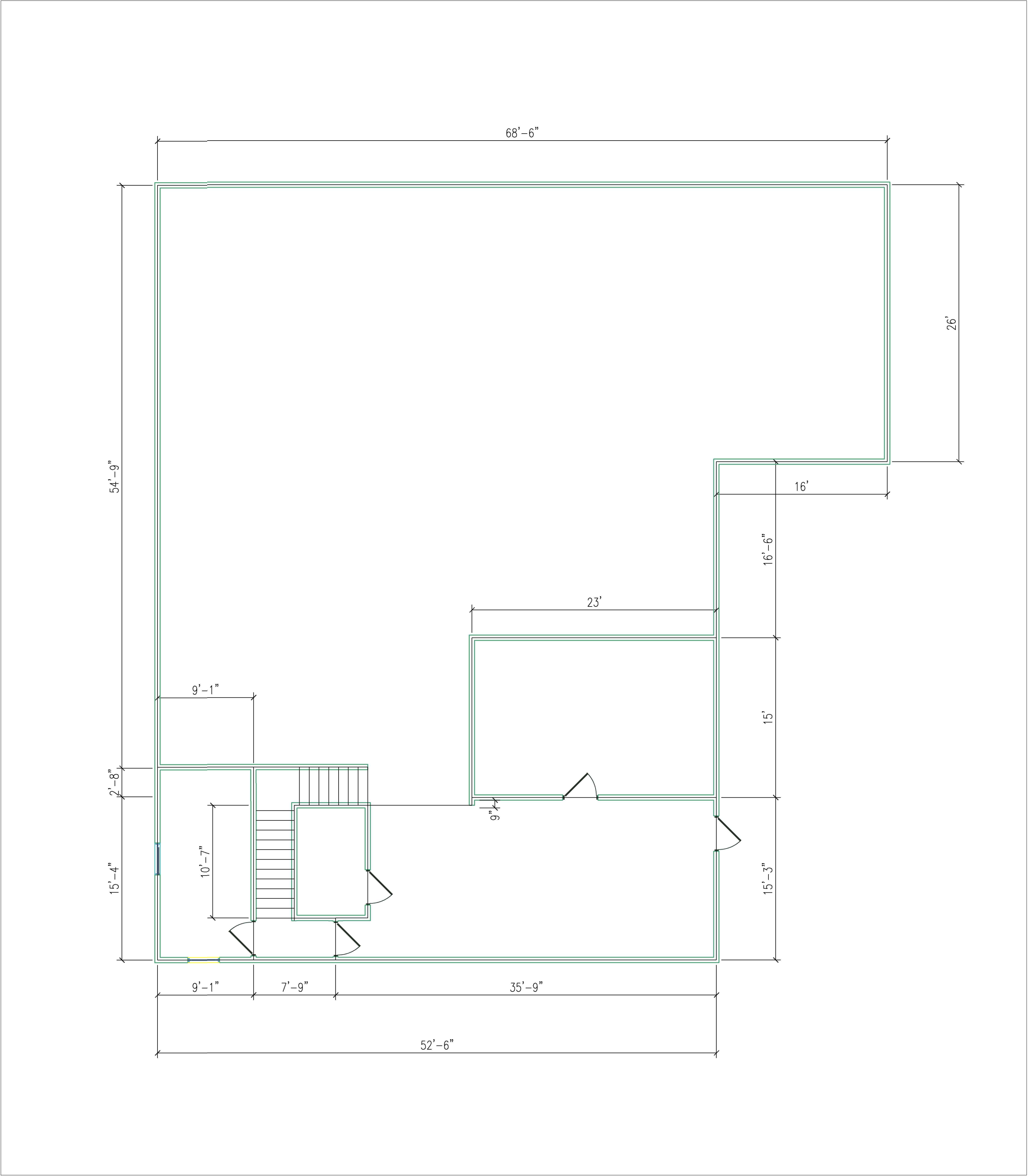
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A4



A6 BASEMENT FLOOR PLAN
SCALE: $\frac{3}{16}$ " = 1'

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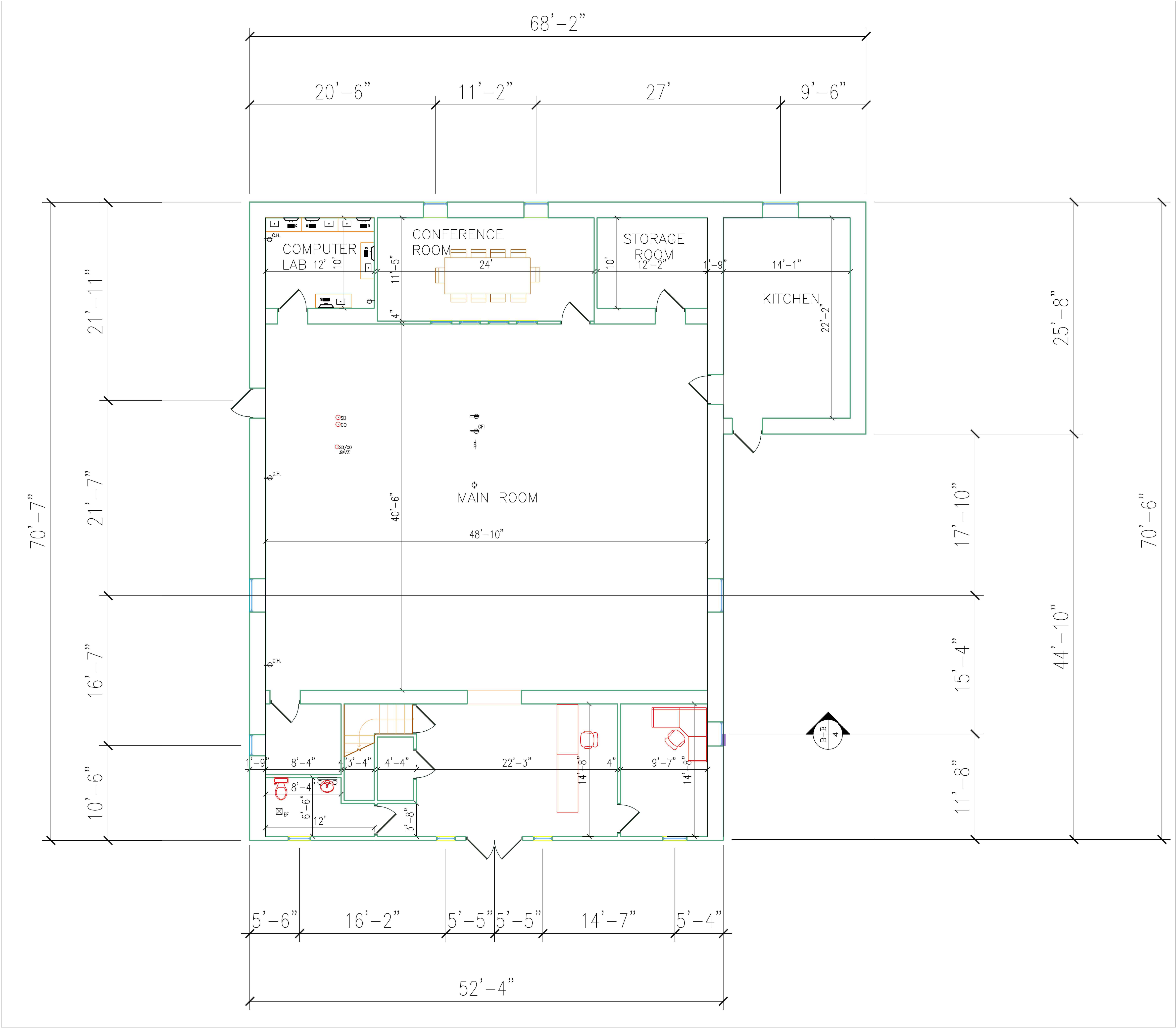
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A6



A5 FIRST FLOOR PLAN
SCALE: $\frac{3}{16}" = 1'$

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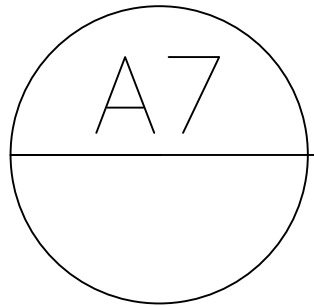
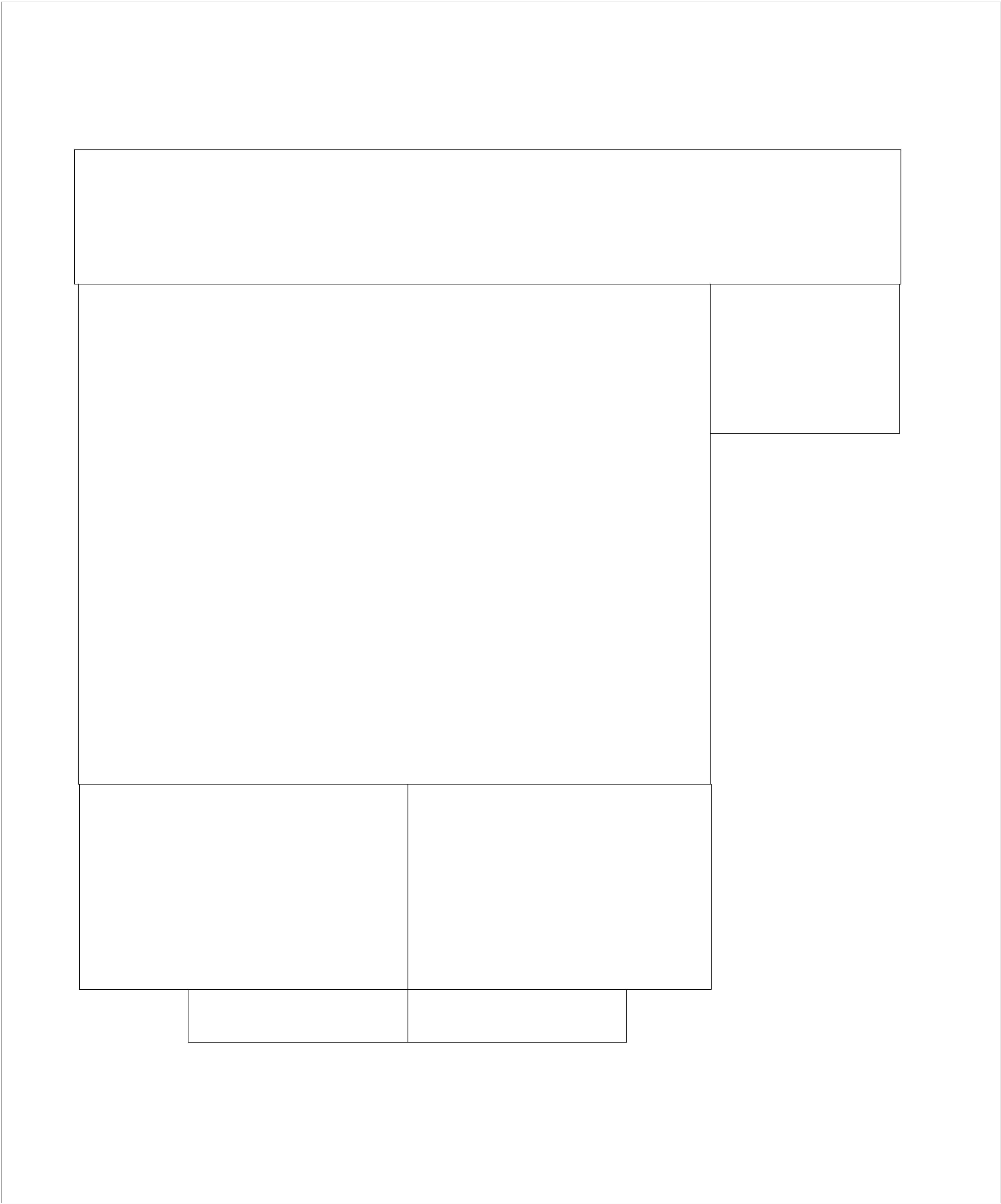
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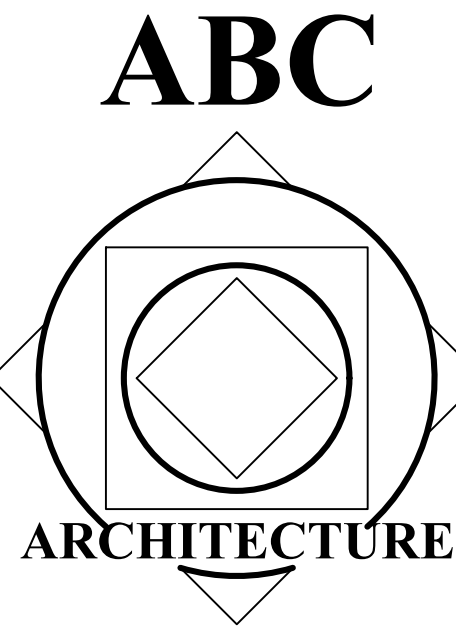
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A5

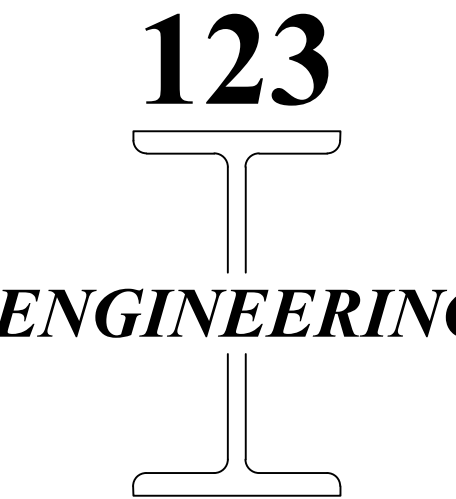


ROOF PLAN

SCALE: $\frac{3}{16}$ " = 1'



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A7

WINDOW SCHEDULE

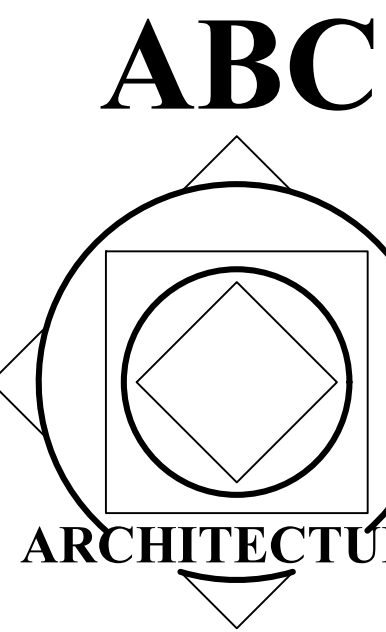
NO.	UNIT SIZE	DESCRIPTION
A	4'-4" X 3'-2"	DOUBLE HUNG
B	2'-1" X 2'-1 1/2"	PICTURE WINDOW
C	2'-1" X 6'-4"	TRANSOM WINDOW
D	7'-0 1/2" X 2'-2"	SIDE LIGHT WINDOW
E	2'-0" X 4'-0"	2 LITE SLIDER
F	6'-1" X 4'-0"	DOUBLE HUNG
G	4'-0" X 3'-1 1/2"	DOUBLE HUNG
H	5'-2" X 3'-8"	DOUBLE HUNG
I	4'-9 1/2" X 3'-8"	DOUBLE HUNG
J	3'-3 1/2" X 2'-4"	DOUBLE HUNG

WINDOW LEGEND

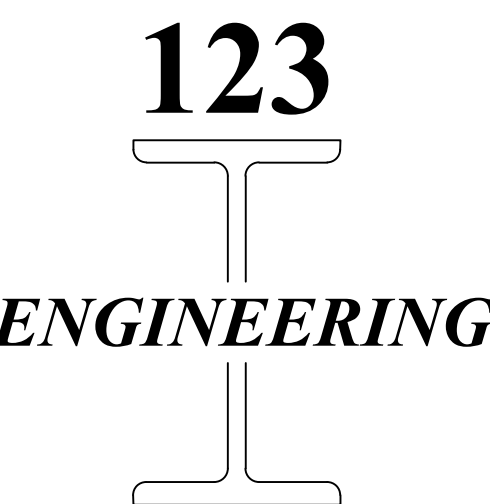


DOOR SCHEDULE

NO.	UNIT SIZE	DESCRIPTION
1	7'-0 1/2" X 6'-4"	ENTRY DOOR
2	6'-11 1/2" X 3'-4"	REAR DOOR
3	7'-0" X 3'-0"	WOOD DOOR
4	7'-0" X 3'-0"	METAL DOOR



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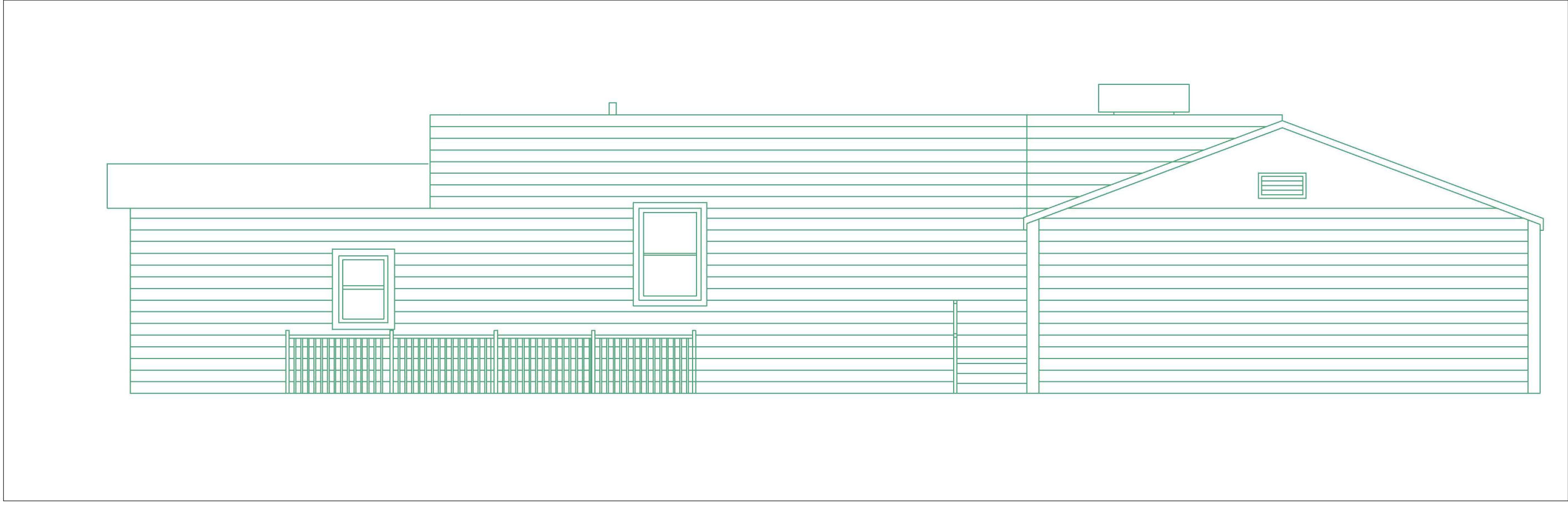
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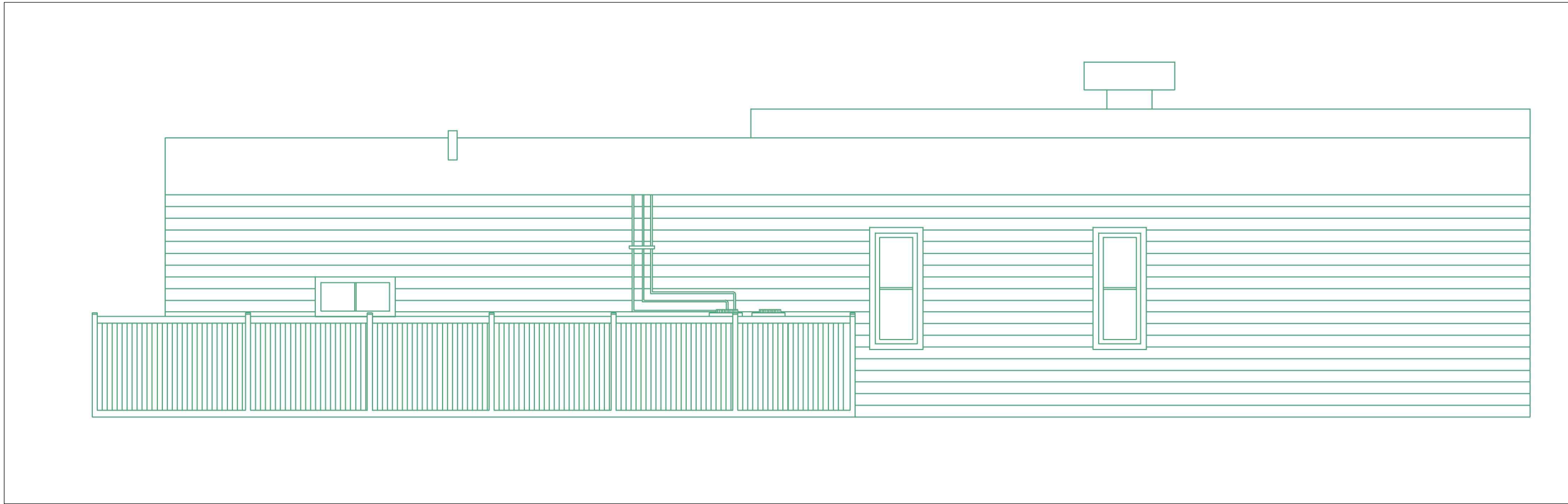
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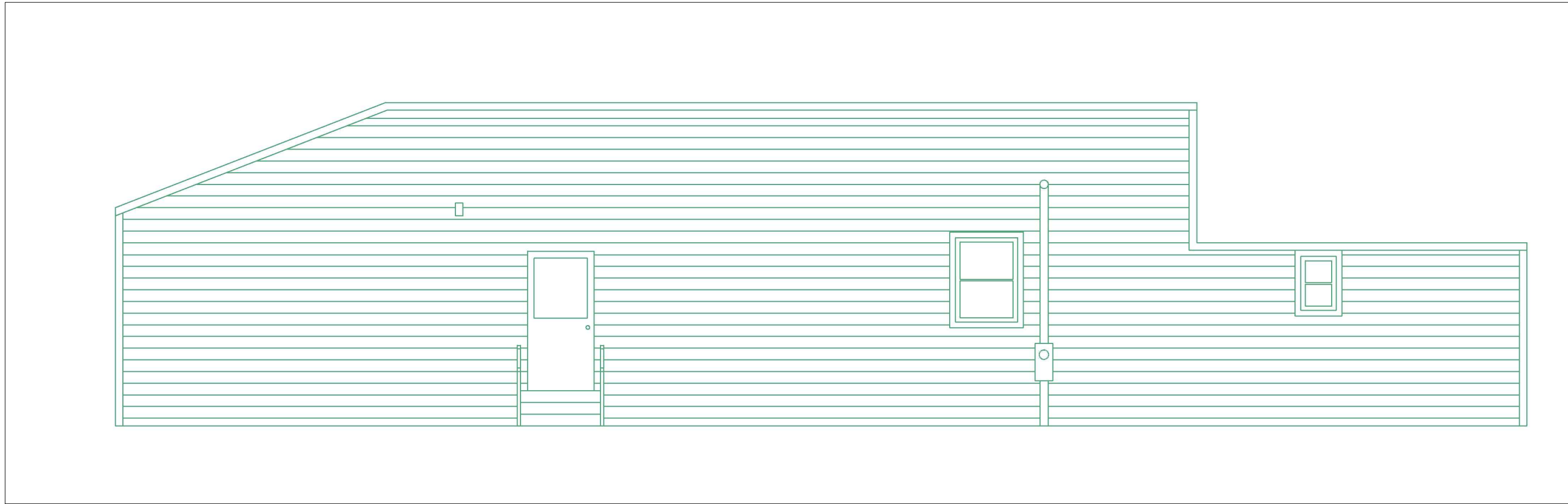
A9
1 FRONT ELEVATIONS
SCALE: $\frac{3}{16}'' = 1'$



A9
2 RIGHT ELEVATIONS
SCALE: $\frac{3}{16}'' = 1'$



A9
3 REAR ELEVATIONS
SCALE: $\frac{3}{16}'' = 1'$



A9
4 LEFT ELEVATIONS
SCALE: $\frac{3}{16}'' = 1'$

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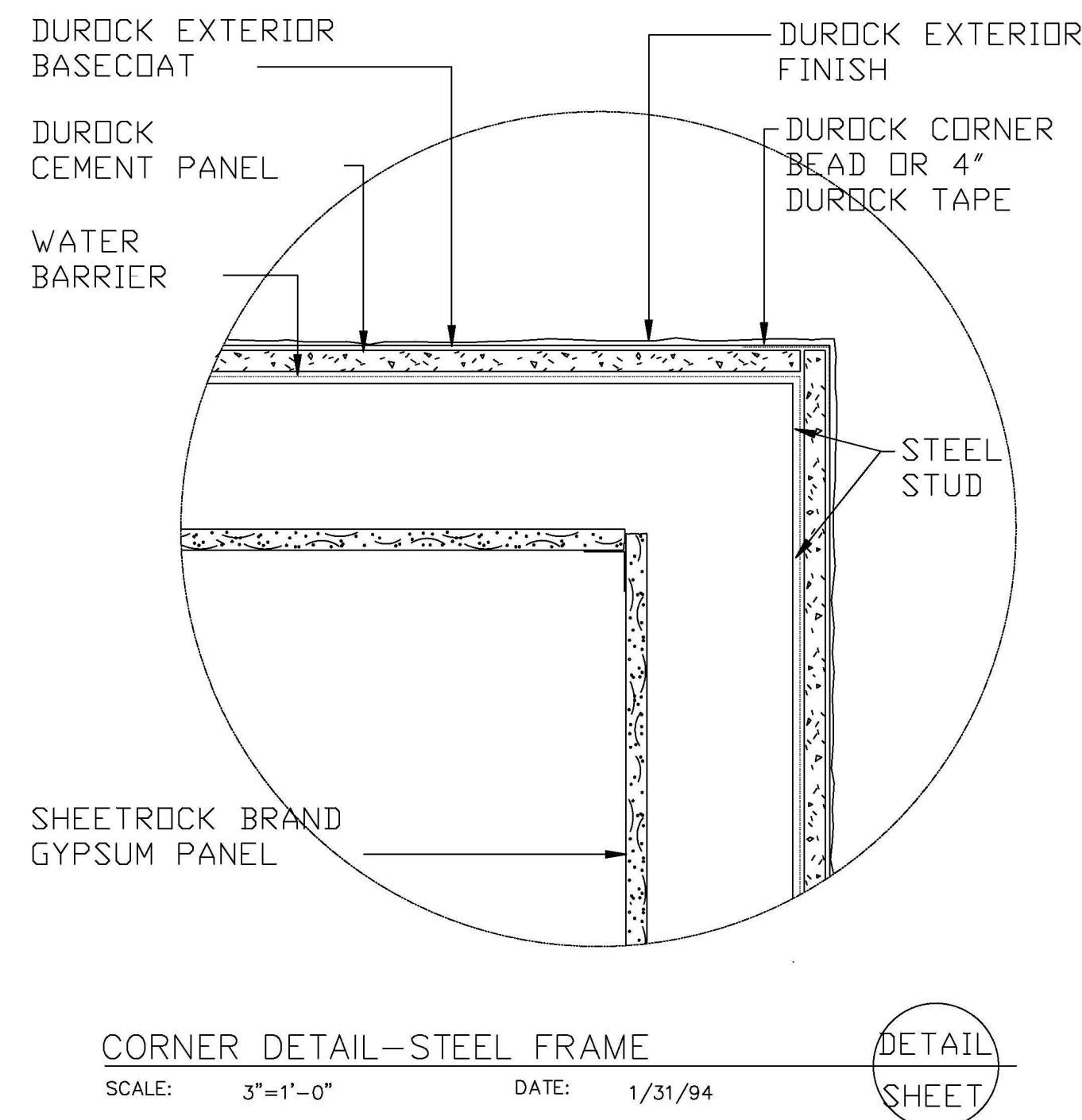
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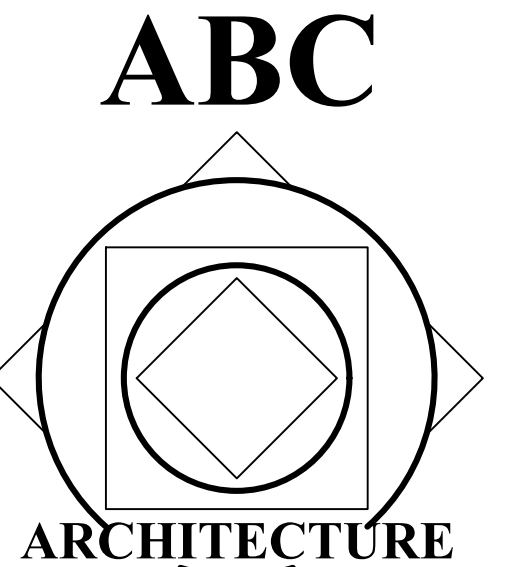
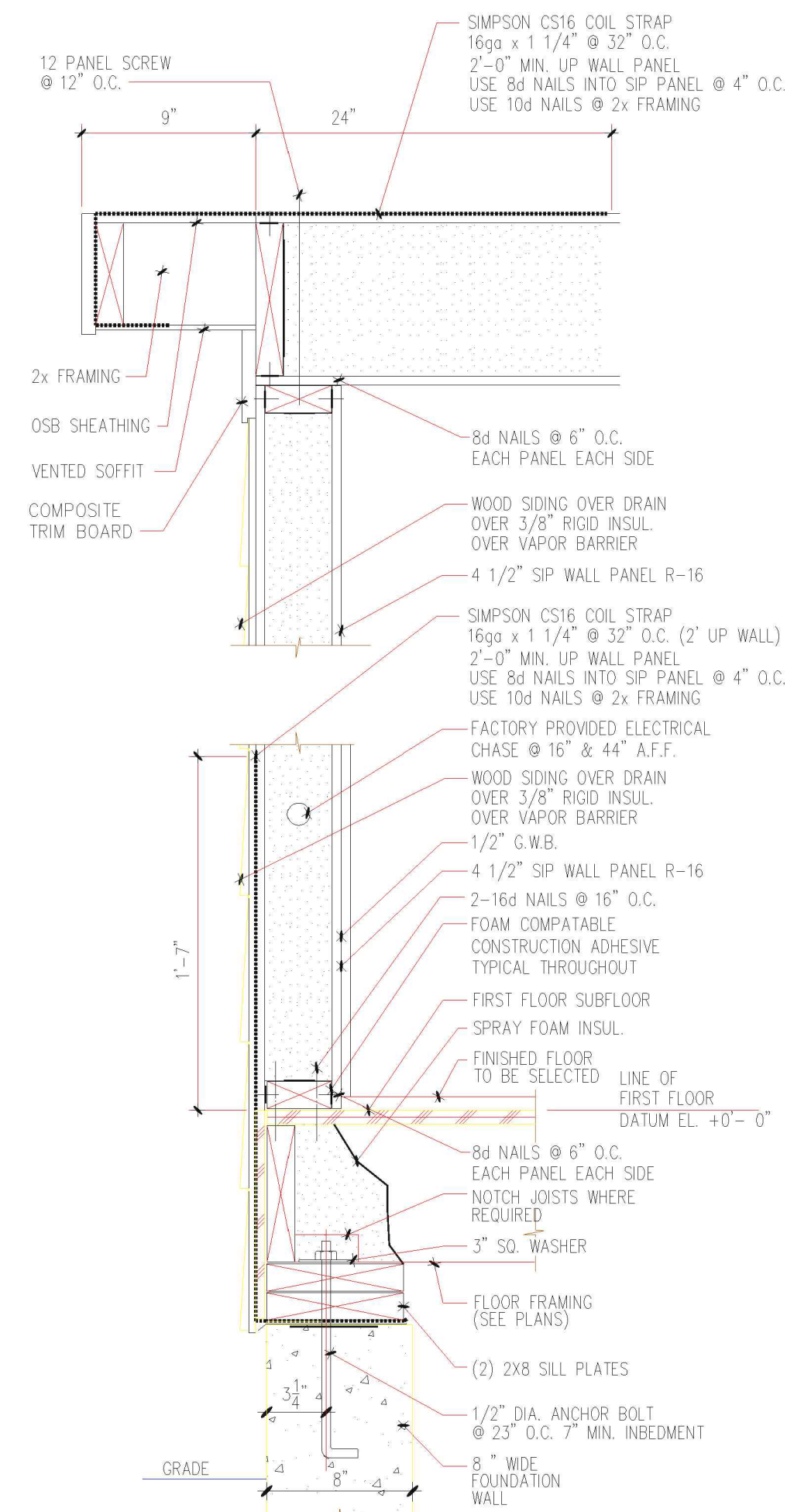
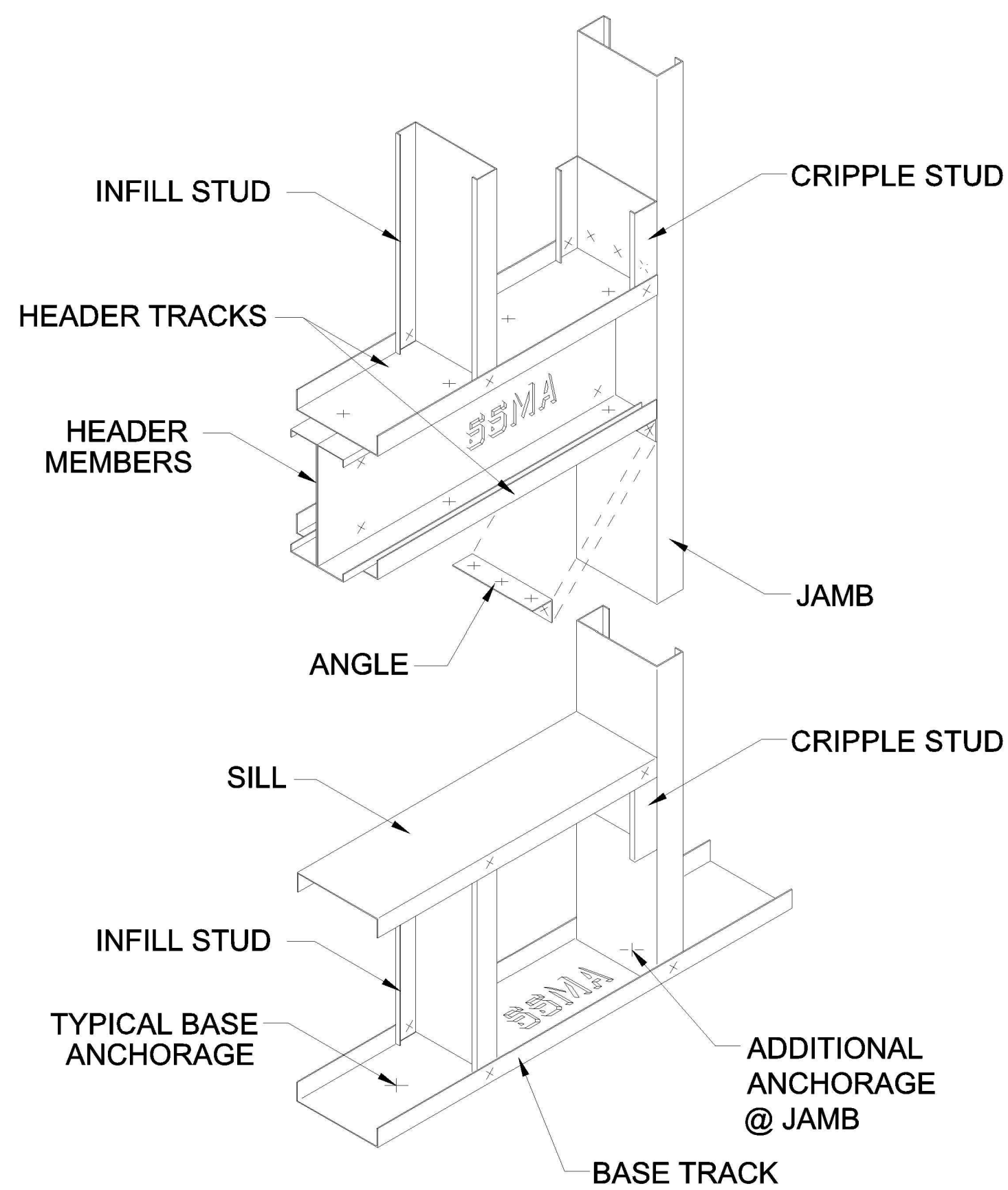
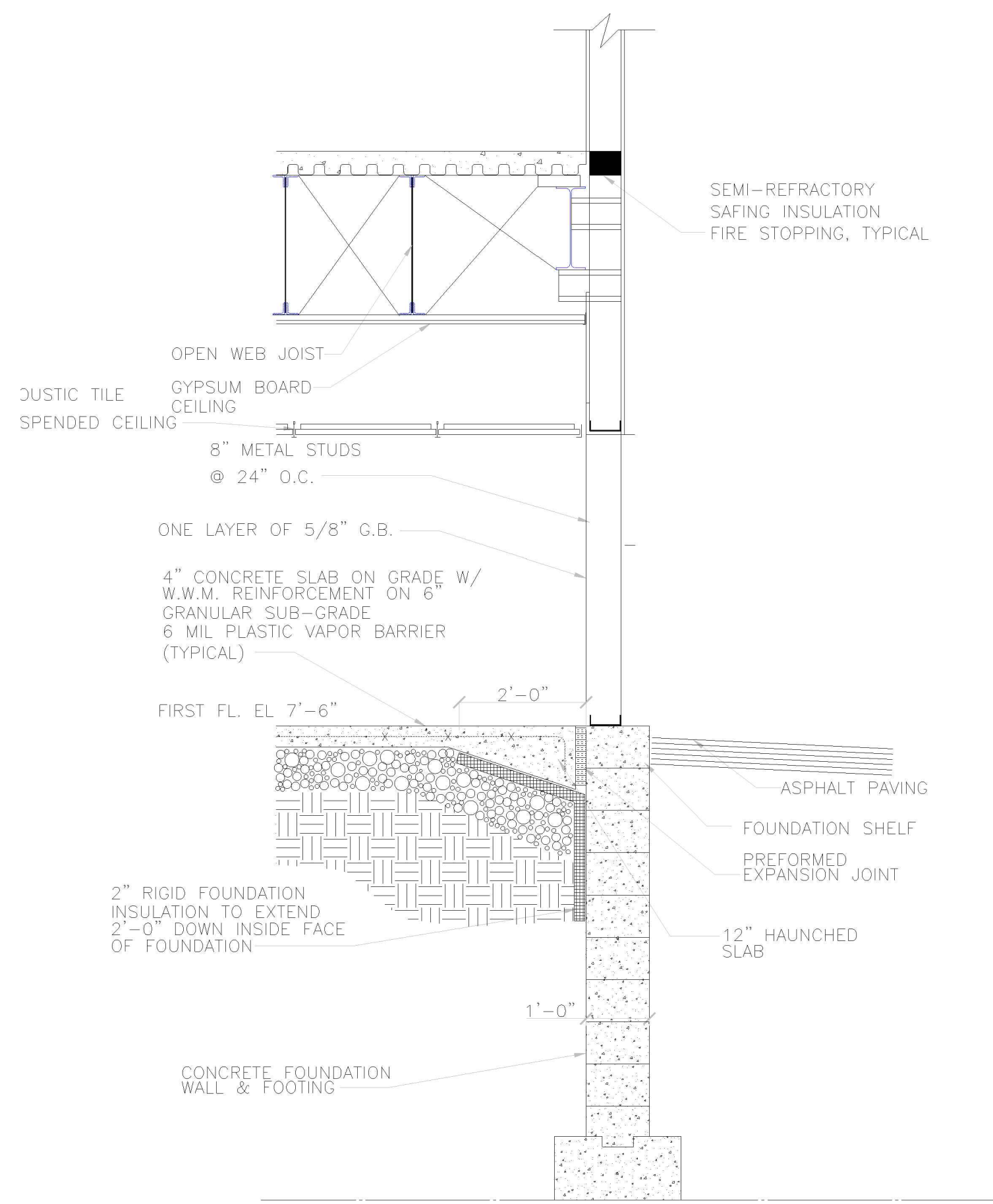
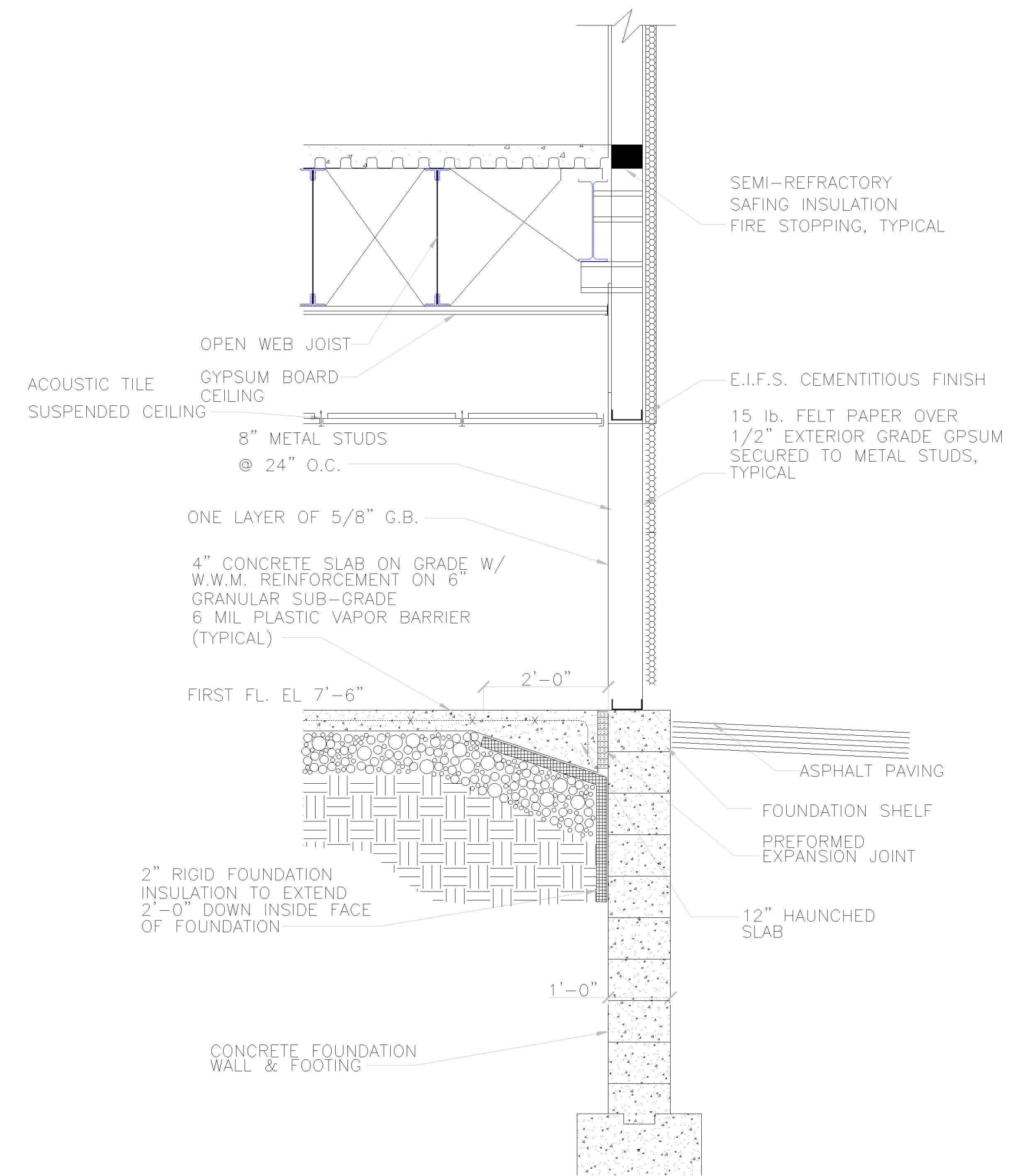
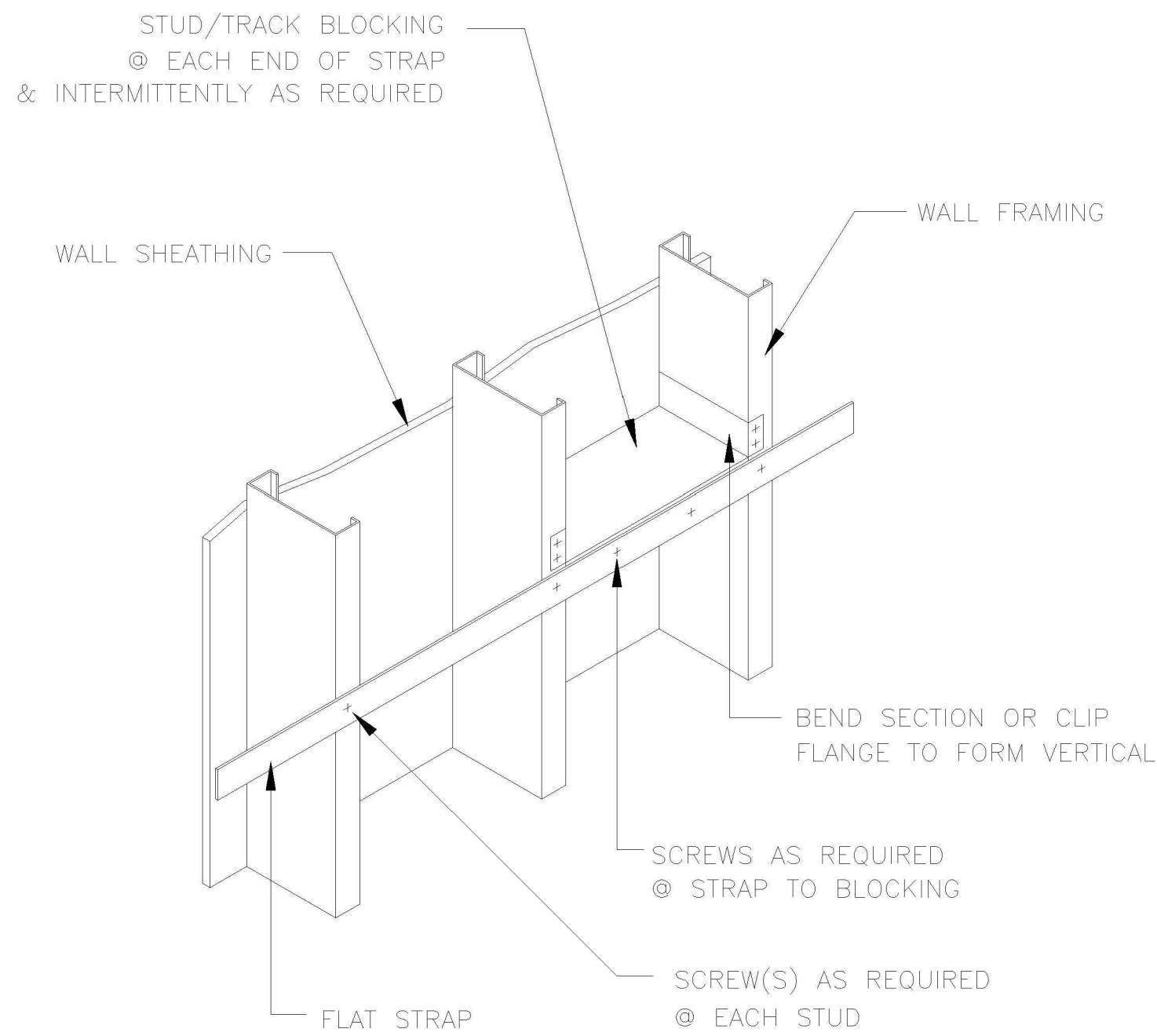
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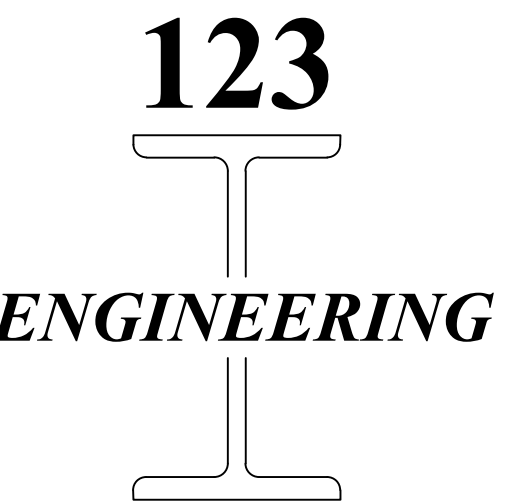
A9



UNITED STATES GYPSUM COMPANY
This Durock Cement Board System Detail must not be used without a complete evaluation by owner's design professional to verify the suitability of the design for a given structure.



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