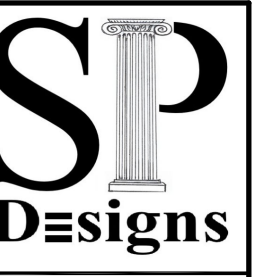


HABITAT for HUMANITY



REVISIONS

SP DESIGNS, LTD.
COLORADO SPRINGS, CO. 80918
719.459.6209



CONTRACTOR:
PIKES PEAK HABITAT FOR HUMANITY
2802 N. PROSPECT ST.
COLORADO SPRINGS, CO. 80907
719.475.7800

PROJECT:
2 BEDROOM, 1 STORY
ALEC MODEL
COMPUTER FILE # 1001

DRAWN BY: SB

CHECKED BY: SP DESIGNS

ASSEMBLY NOTES
GENERAL NOTES,
MISC. TERMS, NOTES,
& OTHER RELEVANT
INFO

CS1
of 1 SHEETS

SHEET SCHEDULE

C81	COVER SHEET, NOTES, HATCHES & SYMBOLS
S1	CRAWL S/F/ND & MAIN LVL FRAME
S2	ROOF PLAN & ROOF FRAME PLAN A
S3	ROOF PLAN & ROOF FRAME PLAN B
S4	ROOF PLAN & ROOF FRAME PLAN C

A1	INTERIOR CABINET ELEVATIONS & MAIN LVL
A2	BUILDING ELEVATIONS PLAN A
A3	BUILDING SECTIONS
A4	WALL SECTIONS & DETAILS
A5	BUILDING ELEVATIONS PLAN B
A6	BUILDING ELEVATIONS PLAN C

CODE INFORMATION

CODE COMPLIANCE:
2011 (PFREC) PIKES PEAK REGIONAL BUILDING CODE
2015 (IRC) INTERNATIONAL RESIDENTIAL CODE
2015 (IBC) INTERNATIONAL BUILDING CODE
2015 (IECC) INTERNATIONAL ENERGY CONSERVATION CODE
2015 (IMC) INTERNATIONAL MECHANICAL CODE
2015 (IPC) INTERNATIONAL PLUMBING CODE
2014 (NEC) NATIONAL ELECTRICAL CODE

BUILDING TYPE:
OCCUPANCY FUD
CONSTRUCTION TYPE V-B
NOTE: 2011 PFREC CAN BE VIEWED AT:
WWW.PFREC.ORG

CONSULTANTS

CONTRACTOR - OWNER:
HABITAT FOR HUMANITY
2802 N. PROSPECT ST.
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STRUCTURAL ENGINEER:
RMG ENGINEERS, INC.
2910 AUSTIN BLUFFS PARKWAY
COLORADO SPRINGS, CO. 80918-5119
PHONE: 719.548.0600
FAX: 719.548.0723
EMAIL: www.rmg-engineers.com

GENERAL NOTES:

1) GENERAL CONTRACTOR, SUB-CONTRACTORS, SUPPLIERS AND OWNER SHALL FAMILIARIZE THEMSELVES AND VERIFY ALL NOTES, SPECIFICATIONS, DIMENSIONS AND DRAWINGS SHOWN ON THESE DOCUMENTS PRIOR TO STARTING CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THOSE PARTIES TO REPORT ANY CHANGES OR DISCREPANCIES TO THE DESIGNER. QUESTIONS REGARDING THESE DOCUMENTS INCLUDING INTERPRETATION, DIMENSIONS, NOTES, SCALE, AND OTHER SIMILAR QUESTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER IMMEDIATELY IN WRITING. FAILURE TO DO ANY OF THE ABOVE SHALL RELIEVE THE DESIGNER OF ANY ERRORS. DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY CHANGES NOT NOTED IN WRITING TO THESE DRAWINGS AND SPECIFICATIONS.

2) ALL MANUFACTURED PRODUCTS SHALL BE INSTALLED & USED PER MFG SPEC'S, & ICC-UL REPORTS.

3) DESIGNER SHALL NOT BE RESPONSIBLE FOR PLUMBING, ELECTRICAL OR MECHANICAL SYSTEM DESIGN, SIZING OR LOCATION.

4) UNLESS OTHERWISE NOTED ALL FOUNDATION WALLS AS NOTED ON SHEET A2.

5) UNLESS OTHERWISE NOTED ALL EXTERIOR WOOD STUD FRAMED WALLS ARE 3 1/2".

6) UNLESS OTHERWISE NOTED ALL INTERIOR WOOD STUD FRAMED WALLS ARE 3 1/2".

7) UNLESS OTHERWISE NOTED ALL ANGLES ARE 45° OR 90°.

8) UNLESS OTHERWISE NOTED ALL WINDOW AND DOOR HEADER HEIGHTS ARE AT 80".

9) UNLESS NOTED OTHERWISE WINDOWS & DOORS ARE NOTED IN NOMINAL FEET & INCHES. EXAMPLE: 2668±2'-6 1/8"±8".

INSULATION SCHEDULE

R-VALUES:	
WALL	R-19
CEILING	R-49
FLOOR (ABV UNHEATED SPACE)	R-30
FLOOR (ABV EXTERIOR SPACE)	R-30
CRAWL SPACE	R-13

SITE INFO:

ADDRESS:
MASTER PLAN - TBD
LEGAL:
MASTER PLAN - TBD

SITE DATA:

MASTER PLAN - TBD



PROJECT SUMMARY

A TWO BEDROOM ONE BATH ONE STORY SINGLE FAMILY RESIDENCE WITH A TEMPERED CRAWL SPACE THE WALLS OF WHICH ARE CONSTRUCTED USING AN I.C.E. BLOCK FOUNDATION SYSTEM

COMMON SYMBOLS

4 KEYNOTE NUMBER SEE INDIVIDUAL SHEETS AS NEEDED

A ASSEMBLY NOTE LETTER SEE SHEET C81 FOR DEFINITIONS

Ⓐ WINDOW MARK Ⓐ DOOR MARK

SPOT ELEVATION
ELEVATION

BUILDING SECTION MARK WALL SECTION MARK

SECTION NO. SHEET NO.

DETAIL SECTION DETAIL REFERENCE

REFERENCE NO. SHEET NO.

REVISION NUMBER REVISION BUBBLE

FIREPLACE OR MECHANICAL SYSTEM FLUE FIREPLACE DIRECT VENT CAP

HOSE BIB PLUMB VENT

DRYER VENT FLUMB VENT

SECTION WALL INSULATION SECTION CEILING INSULATION

24"x30" MIN. CLEAR SPACE IN FRONT OF STOOL. MIN. 15" FROM CENTER LINE OF STOOL TO WALL OR CAB, EITHER SIDE.

HEIGHT FROM SUB-FLOOR TO PLATE LINE

■ = COLUMN
● = POINT LOAD FROM ABOVE

■ = ISOLATED CONCRETE PADS OR PIERS PER ENGINEERED FOUNDATION PLAN

METAL WINDOW WELL AS SITE CONDITIONS REQUIRE W/36" CLEAR EGRESSES W/LADDER PER CODE

COMMON ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
B.C.	BOTTOM CHORD
BOU	BOTTOM OF WALL
BRG	BEARING
BTH	BOTTOM
C	COLUMN
C OR COL	COLUMN
CAB	CABINET
CANT	CANTILEVER
CLG BRK	CEILING BREAK
CLR	CLEARANCE
CONC	CONCRETE
(D)	DROPPED
DY	DIRECT VENT
EACH	EACH
EE	EACH END
ELEC	ELECTRICAL
(F)	FLUSH
FF	FINISH FLOOR
FLR	FLOOR
FND	FOUNDATION
(FV)	FIELD VERIFY
GLB	GLULAM BEAM
GYP	GYPSPUM
H	HEADER
HB	HOSE BIB
HGR/HNGR	HANGERS
HGT	HEIGHT
ICC	INTERNATIONAL CODE COUNCIL
INSUL	INSULATION
JST/JSTS	JOIST/S
K	KING STUD
L.V.L.	LAMINATED VENEER LUMBER
MFG	MANUFACTURER
MAX	MAXIMUM
MIN	MINIMUM
ML	MICRO LAM
O.C.	ON CENTER
O.F.I.	OWNER FURNISH/OWNER INSTALL
O.H.	OVER HANG
PL	PLATE LINE
PT.	PRESSURE TREATED
* R/F	FOUNDS PER SQUARE FOOT
REQ'D	REQUIRED
R.S.	ROUGH SAWN
SHUR	SHOWER
SF or SQ. FT.	SQUARE FEET or SQUARE FOOT
T	TRIMMER
TBD	TO BE DETERMINED
TEMP	TEMPERED
TOP	TOP OF FOUNDATION
TOW	TOP OF WALL
TYP	TYPICAL
UNO.	UNLESS NOTED OTHERWISE
VL	VERSALAM
VTR	VENT THROUGH ROOF
WP	WEATHER PROTECTED

COMMON HATCHES

MUD SILL ON FOUNDATION WALL

FULL HEIGHT FOUNDATION WALL

MIN. INSUL PER ENERGY CODE CERTIFICATION

EXTERIOR WOOD STUD WALL

INSIDE LINE OF FOUNDATION WALL

MIN. INSUL PER ENERGY CODE CERTIFICATION

EXTERIOR/INTERIOR WOOD STUD WALL

CODE-RIGID INSUL PER INTERNATIONAL ENERGY CODE CERTIFICATE

DROPPED CEILING

DUCTWORK @ CEILING FIELD VERIFY W/HVAC

ROOFING

STONE MASONRY SYNTHETIC OR NATURAL

EXTERIOR STUCCO FINISH

EXTERIOR DECKING WOOD OR SYNTHETIC

WOOD FLOORING

TILE WORK

LOADING

WIND LOAD: 120 MPH EXPOSURE 'C'

ROOF LOADS: LIVE LOAD: 30* PSF DEAD LOAD: 15* PSF

FLOOR LOADS: LIVE LOAD: 40* PSF DEAD LOAD: 10* PSF (GYF CRETE) 12* PSF/INCH

ADDITIONAL:

ASSEMBLY NOTES

(REFERENCES TO SPECIFIC SPECIFICATION SECTIONS ARE FOR MAJOR ASSEMBLY ELEMENTS. OTHER SPECIFICATION SECTIONS MAY ALSO APPLY.) SEE SHEET S81

ASSEMBLY NUMBER	ASSEMBLY CATEGORY	PRODUCT SPECIFICATION REFERENCE
A	ROOF:	Class 'A' fiberglass reinforced asphalt shingles (less than 240° between Oct-May) on underlayment and 1/16" sheathing over factory built trusses or rafters w/ specified insulation. Note for elevations 1000' and above, provide required ice and water shield starting at the eave and continuing to a point 24" inside the exterior wall line. Provide insulation per attached IECC requirements. Refer to specification sections 061000, 061100, 071000, 071200, 071200, 071200, 071200, 071313, or 073216 (and/or 07510, 075323 or 076113).
B	FASCIA/SOFFIT:	Facia/soffit: 1x8 fascia board over 2x sub-facia w/ vinyl or aluminum wrap. 5" gutter and down spouts w/minimum 3'-0" extensions @ grade, hardboard or vinyl soffit. soffit on 2x ledgers with 2x backer at butt joints and 2x framing 24" O.C. Provide cant soffit vents. Refer to Specification Sections 061000 and 076200.
C	EXTERIOR WALL:	Exterior Wall: 2x6 wood studs 24" O.C., double top plates w/ 48" minimum laps. Exterior solidly sheathed. Batt insulation. Finish interior face w/ 1/2" gypsum board. Exterior face, 1/16" OSB sheathing/ 1" DOW Styrofoam. Provide insulation per attached IECC requirements. Refer to Specification Sections 041200, 061000, 061100, 071000, 071200, 071200, 0714616, 092116, 092116, 092116, and 092423 or 092513.
D	EXTERIOR WALL BALLOON FRAME:	Exterior Wall (balloon framed): 2x6 wood studs per IRC code to bottom chord of factory built trusses or rafters. Balance of material matching specified exterior wall note above. Provide insulation per attached IECC. Refer to Specification Sections 041200, 061000, 061100, 071000, 071200, 0714616, 092116, and 092423 or 092513.
E	FRAMED FLOOR SYSTEM:	Framed Floor System: 23/32" TAG sub-floor on 1"-Joist framing system with joist mfg's rim BD mtl. rim Joist. Refer to Floor Framing Plans. Refer to Specification Sections 061000, 061100, and 071200.
F	RAILING SYSTEM:	Railing System: 36" high rail system w/ maximum 4" openings. Handrail grip surface to conform to IRC Code. Handrails shall be provided on a min of one side of continuous treads of a run of four or more risers running continuously the entire flight at a vertical distance of 34" min to 38" max from stair nosing. Refer to Specification Sections 051300 and 061000.
G	STAIRS:	Stairs: 7 1/2" maximum rise, 10" minimum run. 36" minimum width. Provide handrails as required by the IRC Code. Provide 18" minimum landing at either side of exterior door when door is not used as the required exit. Refer to Specification Sections 061000.
H	FOUNDATION WALL:	Foundation Wall: Concrete foundation wall as designed by foundation engineer between 2" rigid foam forms. Refer to Specification Sections 033000, (or 031119), 061000, 071113, 071416, 071200, 092116, 092423 or 092513, and to engineered stamped foundation design for concrete reinforcement.
I	SLAB ON GRADE:	Slab-on-Grade: 4" thick concrete over prepared sub-grade/ 2" conc. slab at crawlspace, over 6 mil poly per IRC 408.3 Provide 1/2" expansion material at perimeter of slab and at. Control joints as indicated or not less than 12 feet on center each way. Refer to Specification Sections 033000, 310000 and 334600.
J	PERIMETER DRAIN SYSTEM:	Perimeter Drain System: Perforated perimeter drain system set in free draining gravel wrapped in geo-textile fabric. Daylight to headwall as indicated or drain to sump pumped to storm drain. Refer Specification Section 334600 and as directed by soils reports.

COMMON SPECIFIC NOTES:

- 1 FLOOR LINE ABOVE
- 2 DECK LINE ABOVE
- 3 WALL LINE BELOW
- 4 CEILING BREAK
- 5 2x6 INTERIOR STUD WALL
- 6 COLUMN LINE BELOW
- SITE WORK**
- 7 NOTE: SEE SITE PLAN FOR SPECIFIC DRIVE & WALKWAY INFORMATION
- 8 NOT USED

- GLAZING**
- 10 TEMP GLASS DOOR & ENCLOSURE @ SHOWER
- 11 LOWER GLASS UNITS SHALL BE 9 SQ. FT OF GLAZING OR LESS
- 12 WINDOW SILL SHALL BE A MIN 60" ABOVE TUB DRAIN STANDING SURFACE OR WINDOW SILL SHALL BE MIN 60" ABOVE STAIR TREAD/LANDING SURFACE
- 13 NOTE: GLAZING ADJACENT AND WITHIN A 24" ARC OF A DOOR IN THE CLOSED POSITION SHALL BE TEMP GLASS

- FIRE PROTECTION**
- 15 PROVIDE MINIMUM 1/2" GYP. BD. UNDER STAIRS
- 16 NOT USED
- 17 EGRESSES WINDOWS SHALL HAVE EGRESSES HARDWARE AND A MIN CLEAR NET OPENING OF 5.7 SF. & A CLEAR NET OPERABLE HEIGHT DIM OF 24" MIN & A CLEAR OPERABLE WIDTH OF 20" MIN & A FINISHED SILL HEIGHT OF NOT MORE THAN 44" AFF.
- FINISHES**
- 18 ALL FIRD CEILING SHALL BE LIMITED TO MAX 5'-0" WIDE & MIN. 1'-0" FINISHED SOFFIT.
- 20 NOT USED

- FIREPLACES**
- 22 NOT USED
- 23 NOT USED
- 24 NOT USED
- CASEWORK**
- 25 SEE CABINET MFG. DETAILS FOR SPECIFIC CABINET LAYOUT & DIMENSIONS.
- 26 NOT USED

- PLUMBING**
- 28 NOT USED
- 29 30"x60" TUB/SHUR
- 30 NOT USED
- 31 NOT USED
- 32 NOT USED

- LAUNDRY**
- 34 WASHER/DRYER
- 35 DRYER DUCT SHALL NOT EXCEED 25' LENGTH SHALL BE REDUCED 2 1/2" FOR EACH 45° BEND & 5" FOR EACH 90° BEND. EXHAUST SHALL NOT PENETRATE EXTERIOR WALL WITHIN 3' OF ANY OPENINGS.
- 36 PROVIDE 100 SQ. IN. MIN. MAKE-UP AIR. DOOR NEEDS TO BE LOUVERED OR GRILLED. MAKE-UP AIR FOR DRYER MUST COME FROM AN AREA 500 SQ. FT. OR LARGER - OR PROVIDE GRILL ABOVE DOOR.
- INSULATION**
- 38 PROVIDE INSULATION AS NOTED ON THE INSULATION SCHEDULE.

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GENERAL MAIN LEVEL NOTES:

1. UNLESS NOTED OTHERWISE ALL WALL HEIGHTS THIS LEVEL TO BE 8'-11/8".
2. PROVIDE 'LOW RESISTANCE' RETURN AIR PATH FOR ALL CLOSED ROOMS. PER CODE CAN USE T-GRILLS OR UNDER-CUT DOORS.

SPECIFIC MAIN LEVEL NOTES:

- 55] BOX FRAME AROUND PASSIVE RADON VENT THROUGH ROOF. ELECTRICITY TO PROVIDE OUTLET CONNECTION FOR FUTURE ACTIVE FAM.
- 56] NOT USED
- 57] NOT USED
- 58] NOT USED
- 59] NOT USED

GENERAL ELECTRIC NOTES:

1. ALL PLACEMENT OF LIGHTING, OUTLETS, TV, PHONES, SECURITY, COMPUTER, STEREO/VIDEO WIRING, INTERCOM OR ANY OTHER ELECTRICAL FIXTURES SHALL BE VERIFIED PRIOR TO CONSTRUCTION w/OWNER/CONTRACTOR. ANY ADJUSTMENTS SHALL BE MADE AT THE SITE AND WIRED PER NATIONAL ELECTRICAL CODE AND LOCAL CODES. SEE SPECIFICATIONS DIVISION 16.010 BASIC ELECTRICAL REQUIREMENTS.
2. BATH FANS VENTED THRU UNCONDITIONED SPACE MAX 25'-0" AND MIN R-6 INSULATION TYP.

SYMBOLS LEGEND

- SINGLE POLE SWITCH
DOUBLE POLE SWITCH (TWO-WAY)
(1)-LIGHT SWITCHES = 2-PLACES
FOUR-WAY SWITCH
(1)-LIGHT SWITCHES = 3-PLACES
- REG. OUTLET
WEATHER PROTECTED OUTLET
220V 220 VOLT OUTLET
GFI GROUND FAULT CIRCUIT INTERRUPTER
DUPLEX OUTLET
- EXHAUST FAN (VENT TO EXTERIOR)
NOTE: ALL EXHAUST FANS VENTED THROUGH UNCONDITIONED SPACE SHALL BE WRAPPED w/R6 MIN INSULATION @25' MAX EXPOSED LENGTH
- FUTURE**
- CEILING FAN (PROVIDE ADEQUATE SUPPORT)
- CARBON MONOXIDE DETECTOR
HARDWIRED & INTERLOCK SMOKE DETECTOR w/BATTERY BACK-UP
- CEILING MOUNTED LIGHT FIXTURE
WALL MOUNTED LIGHT FIXTURE
- DASHED LINES SHOWS WHICH SWITCHES CONNECT TO LIGHTS

ASSEMBLY NOTES:

- ROOF:
 - FASCIA/GOFFIT:
 - EXTERIOR WALL:
 - EXTERIOR WALL BALLOON FRAME:
 - FRAMED FLOOR SYSTEM:
 - EXTERIOR DECK SYSTEM:
 - RAILING SYSTEM:
 - STAIRS:
 - FOUNDATION WALL:
 - SLAB ON GRADE:
 - PERIMETER DRAIN SYSTEM:
- ALL ASSEMBLIES AND GENERAL NOTES REFER TO SHEET CS1 AND SPECIFICATIONS SHEET S61

WINDOW SCHEDULE

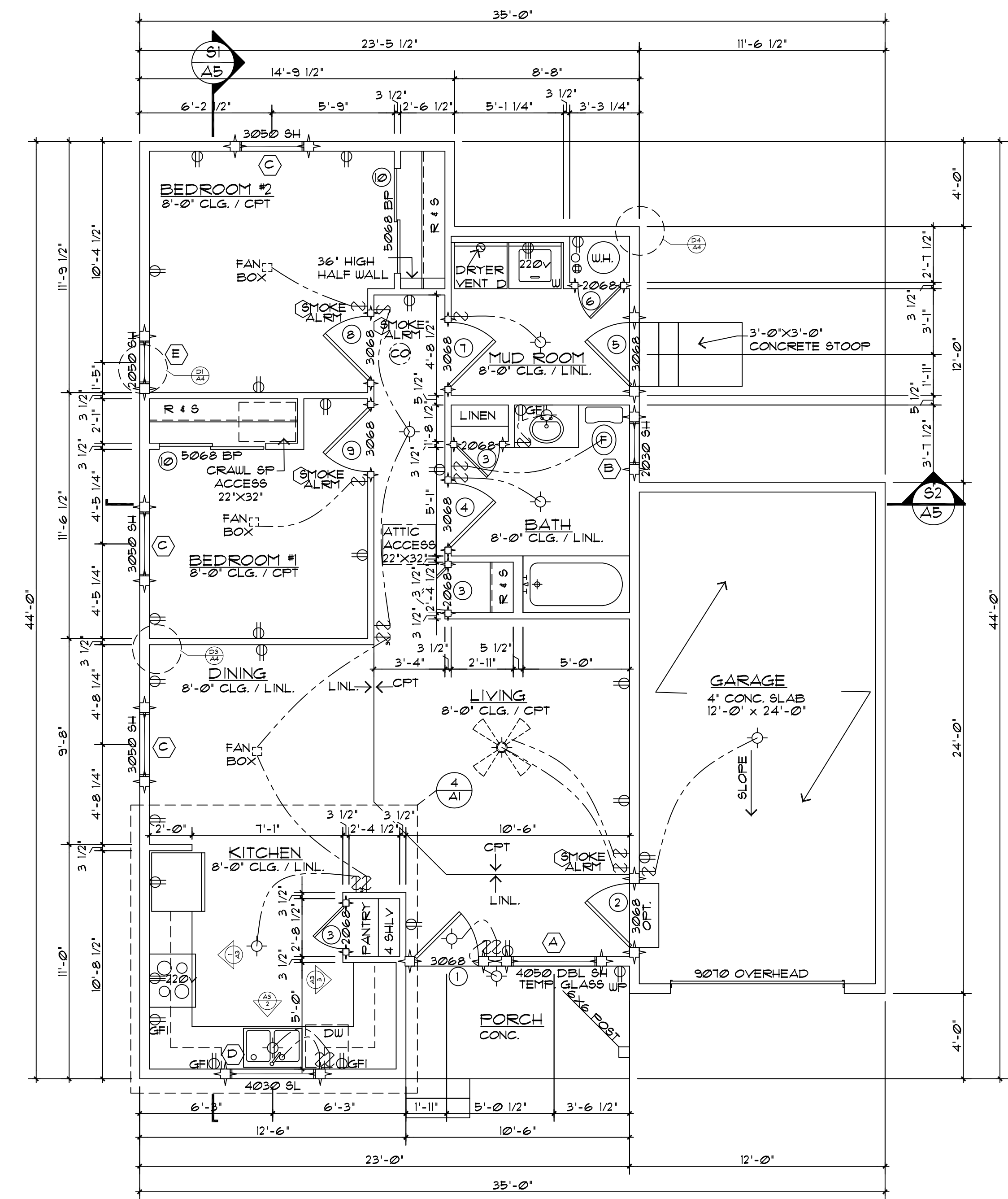
	SIZE	TYPE	MATERIAL	NOTES	QTY.
(A)	4'-0" X 9'-0"	DOUBLE SINGLE HUNG	VINTL	DOUBLE PANE, TEmPERED GLASS	1
(B)	2'-0" X 3'-0"	SINGLE HUNG	VINTL	PRIVACY GLASS	1
(C)	3'-0" X 5'-0"	SINGLE HUNG	VINTL	DOUBLE PANE	3
(D)	4'-0" X 3'-0"	SLIDER	VINTL	DOUBLE PANE	1
(E)	2'-0" X 9'-0"	SINGLE HUNG	VINTL	DOUBLE PANE	1

ALL WINDOWS TO MEET CURRENT ENERGY STAR REQUIREMENTS.

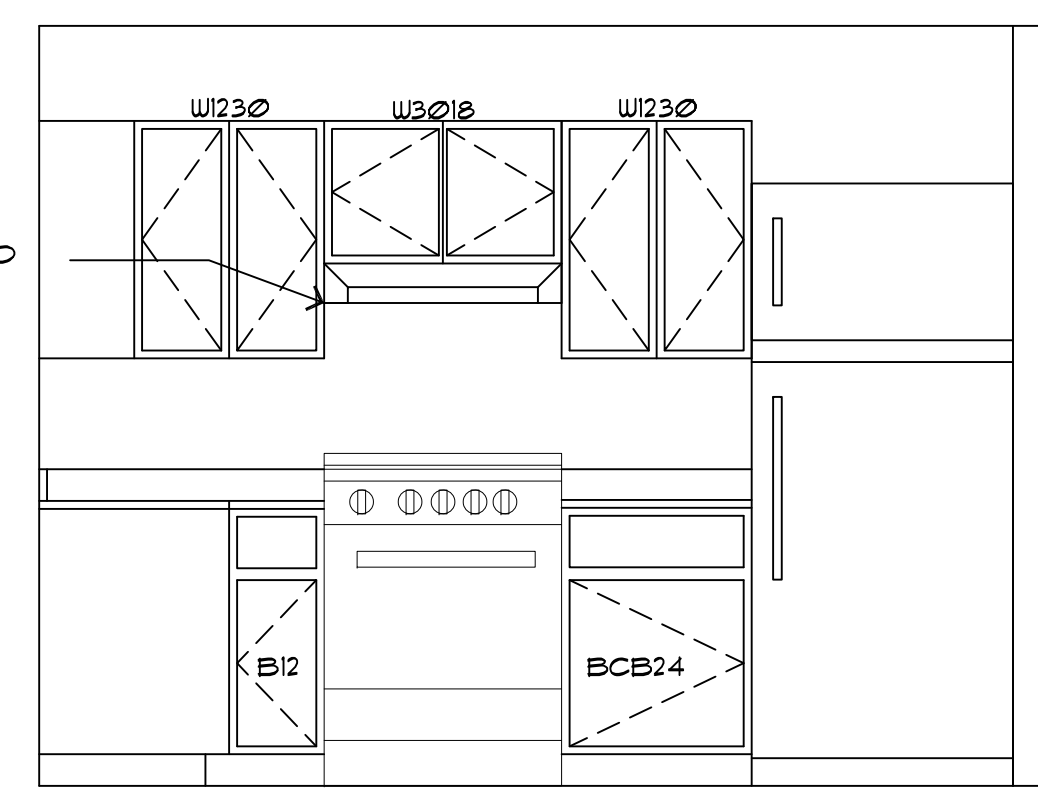
DOOR SCHEDULE

	SIZE	SWING	TYPE	HARDWARE	QTY.
(1)	3'-0" X 6'-0"	LEFT HAND	INSULATED METAL DOUBLE CORE EXTERIOR	LOCKSET w/DEARBOLT	1
(2)	3'-0" X 6'-0"	LEFT HAND	1 1/2" HEAVY WOOD CORE w/GLASS	PRIVACY & DEARBOLT	1
(3)	2'-0" X 6'-0"	RIGHT HAND	HOLLOW CORE INTERIOR	PASSAGE	3
(4)	3'-0" X 6'-0"	RIGHT HAND	HOLLOW CORE INTERIOR	PRIVACY	1
(5)	3'-0" X 6'-0"	LEFT HAND	INSULATED METAL DOUBLE CORE EXTERIOR, IRM-LIGHT	PRIVACY & DEARBOLT	1
(6)	3'-0" X 6'-0"	LEFT HAND	HOLLOW CORE INTERIOR	PASSAGE	1
(7)	3'-0" X 6'-0"	RIGHT HAND	HOLLOW CORE INTERIOR	PASSAGE	1
(8)	3'-0" X 6'-0"	LEFT HAND	HOLLOW CORE INTERIOR	PRIVACY	1
(9)	3'-0" X 6'-0"	RIGHT HAND	HOLLOW CORE INTERIOR	PRIVACY	1
(10)	3'-0" X 6'-0"	NA	HOLLOW CORE BI-PASS	BI-PASS	2

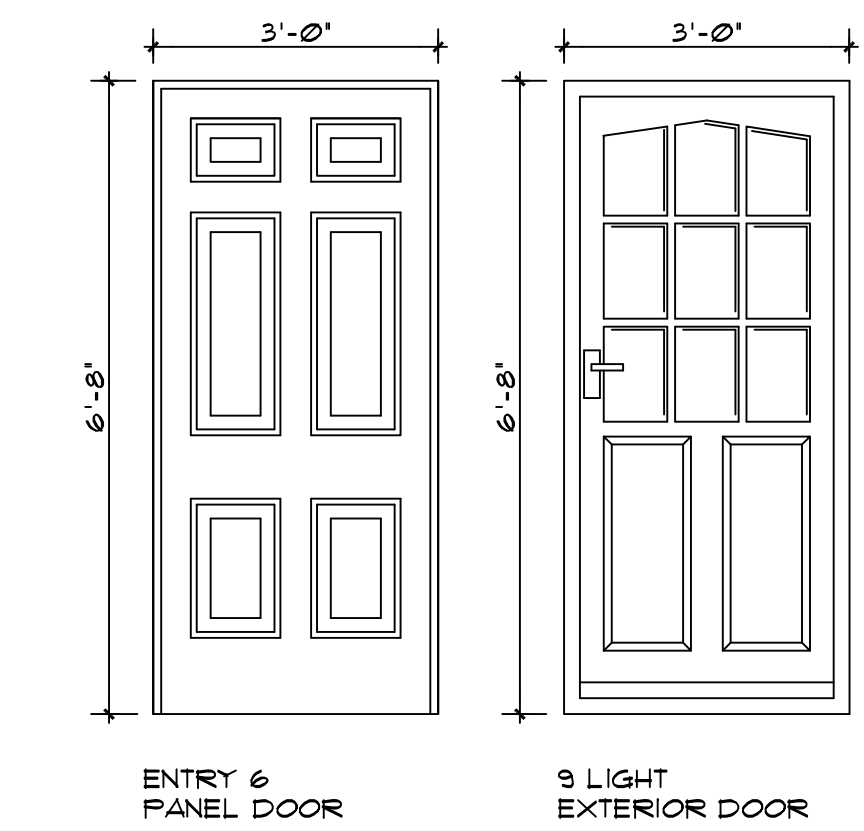
DOORS 1, 2, AND 5 TO MEET CURRENT ENERGY STAR REQUIREMENTS.



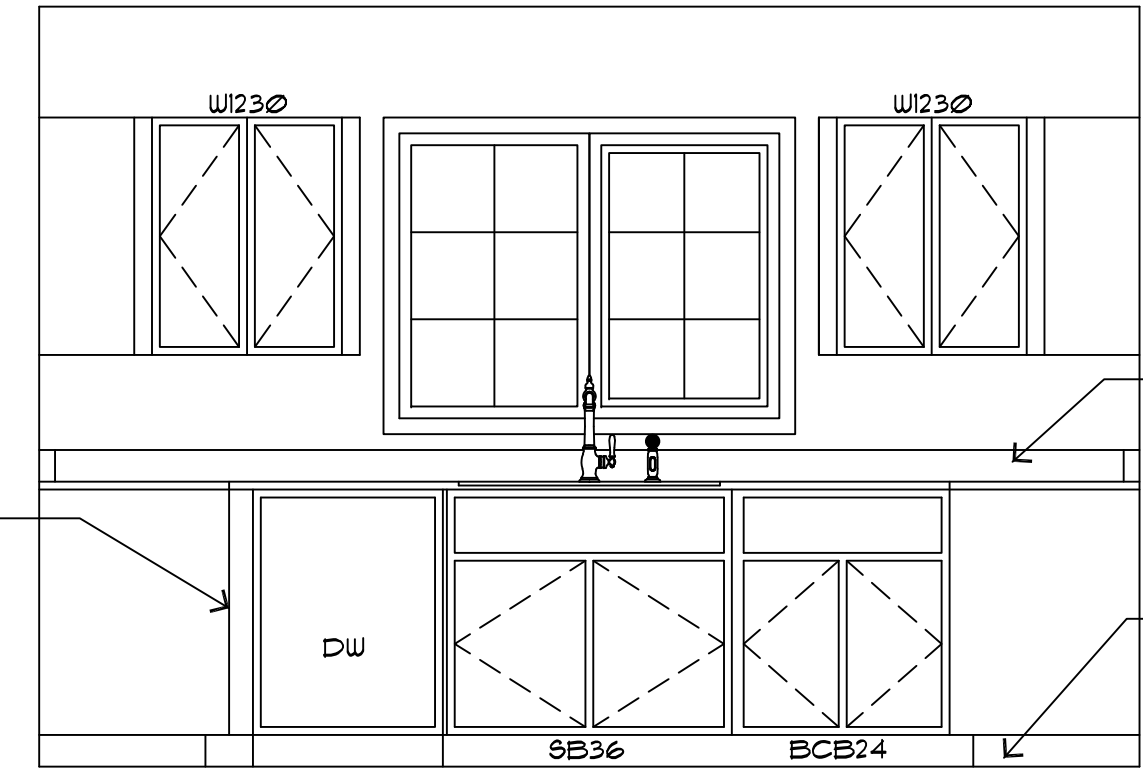
MAIN LEVEL PLAN
SCALE 1/4"=1'



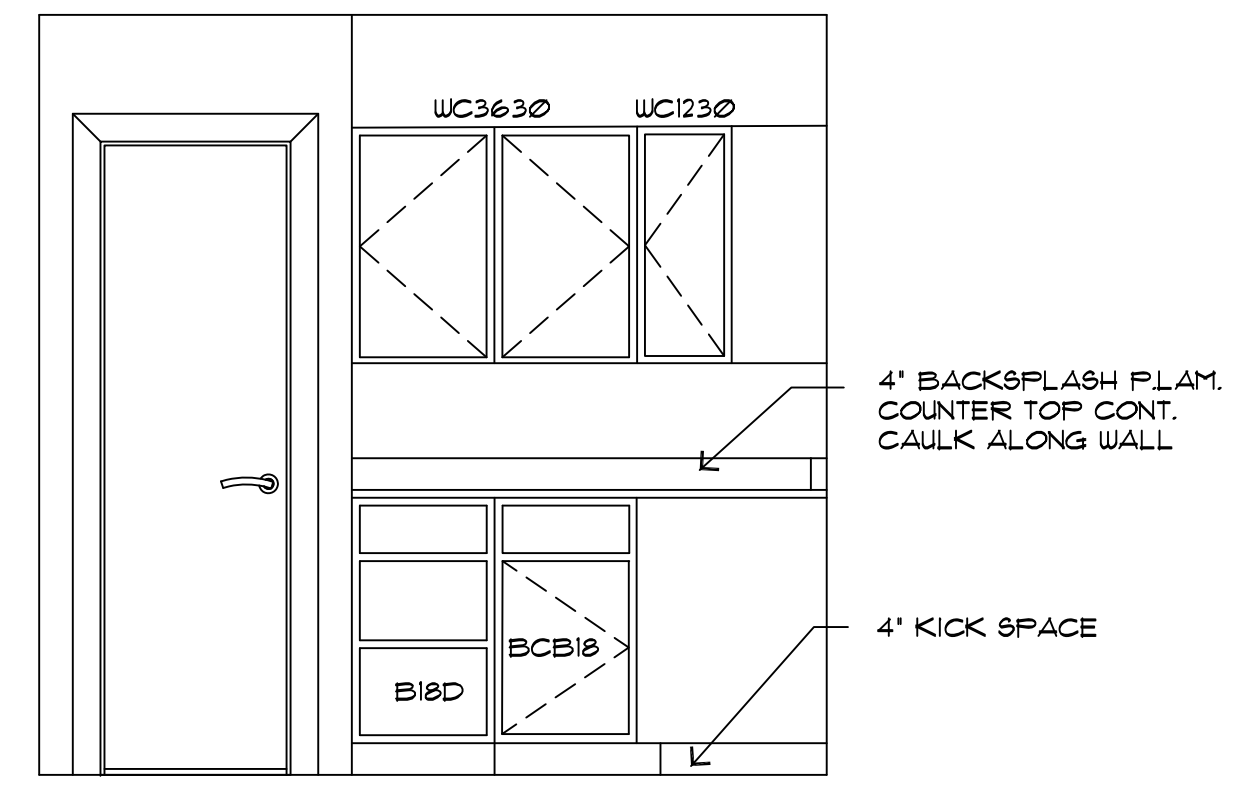
KITCHEN CABINET ELEVATIONS
SCALE 1/2"=1'



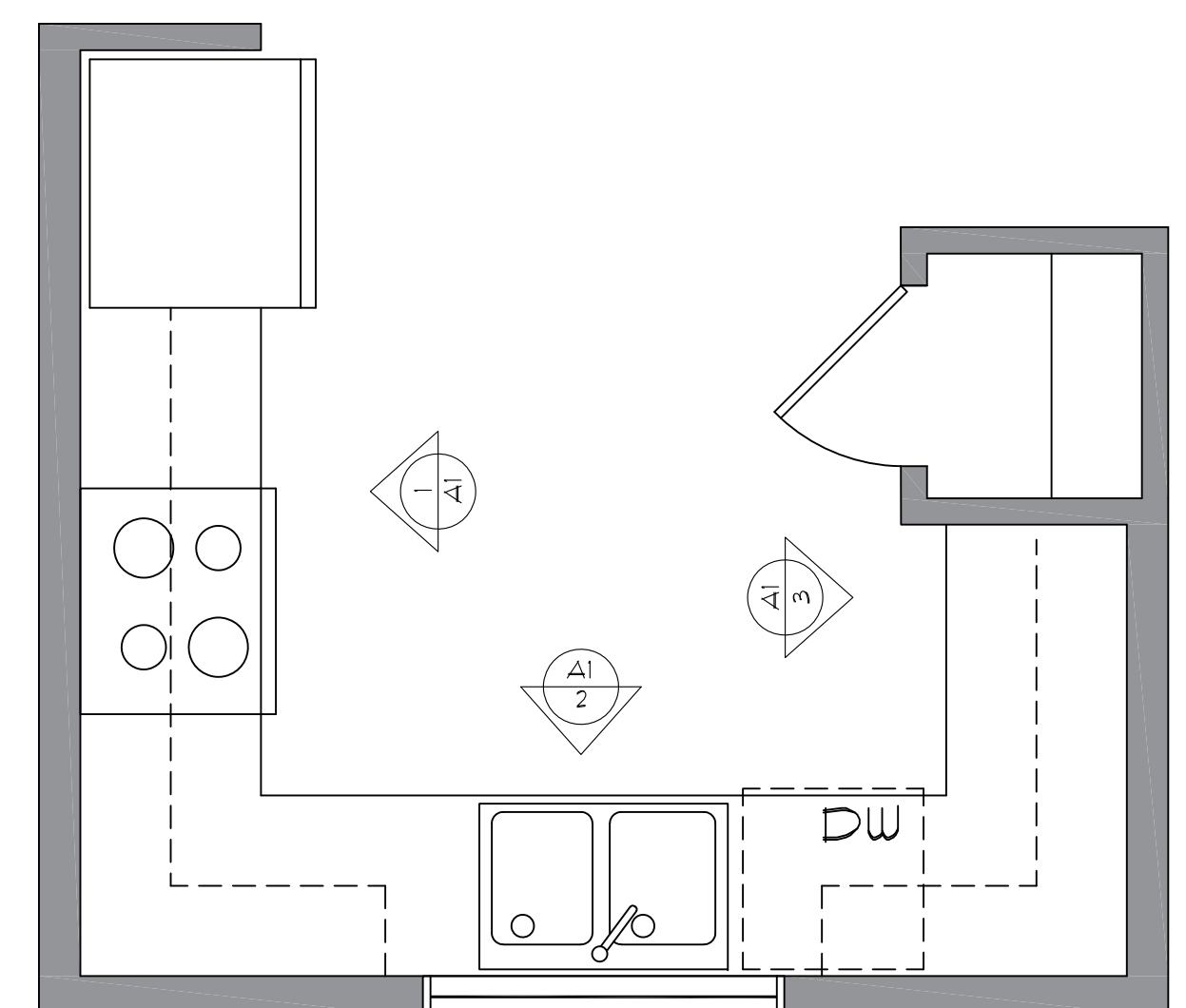
DOOR ELEVATIONS
SCALE 1/2"=1'



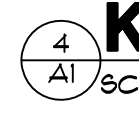
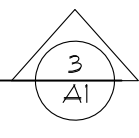
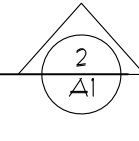
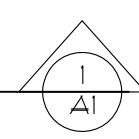
KITCHEN CABINET ELEVATIONS
SCALE 1/2"=1'



KITCHEN CABINET ELEVATIONS
SCALE 1/2"=1'



KITCHEN PLAN
SCALE 1/2"=1'



ALL ASSEMBLIES AND GENERAL NOTES REFER TO SHEET CS1 AND SPECIFICATIONS SHEET S61

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719.475.7800

PROJECT: 2 BEDROOM, 1 STORY
ALEC MODEL
COMPUTER FILE # 1001

DRAWN BY: SB
CHECKED BY: SP DESIGNS
ELEVATIONS

A2
of 6 SHEETS

GENERAL SECTION NOTES:

1. UNLESS OTHERWISE NOTED ALL SECTIONS ARE TYPICAL. SEE SECTION 511/A1 FOR REFERENCE OF COMPLETE LABELING AND NOTES.

2. SEE STRUCTURAL SHEETS FOR ALL CALLOUTS OF FRAMING MEMBERS, BEAMS, HEADERS, AND CONNECTIONS ETC. TYPICAL.

3. ALIGN FLOOR JOISTS TO ALLOW FOR PLUMBING AND MECHANICAL INSTALLATION.

4. SECTION BEYOND ITEMS ARE SHOWN FOR REFERENCE ONLY AND DOES NOT INDICATE ANY SPECIFIC MATERIAL, MANUFACTURER, OR TYPE.

SPECIFIC SECTION NOTES:

83 2X10 TRIM BAND

84 2X6 TRIM BAND

85 WINDOW AND DOOR TRIM

86 DOOR SYMBOLS ARE REPRESENTATIONAL ONLY. VERIFY STYLE, MATERIAL & AVAILABILITY W/ MFG PRIOR TO ORDERING.

87 1X4 CORNER TRIM

88 VERTICAL SIDING MATERIAL TBD PRIOR TO ORDERING & INSTALLING. FV W/ CONTRACTOR

89 SUPPORT POST SEE STRUCTURAL

90 CONCRETE STOOP

91 SIDING MATERIAL TBD PRIOR TO ORDERING & INSTALLING. FV W/ CONTRACTOR

NOTE:
FOR OTHER APPLICABLE KEYNOTES, SYMBOLS & HATCHES, SEE GENERAL NOTE SHEET 'CS1' FOR KEYNOTES & CORRESPONDING ASSEMBLY NOTES.

ELEVATION NOTE SYMBOLS:

— FINISH GRADE LINE

- - - EXISTING GRADE LINE

Ø1 = EXISTING GRADE ELEVATION

Ø1 = EXISTING GRADE ELEVATION

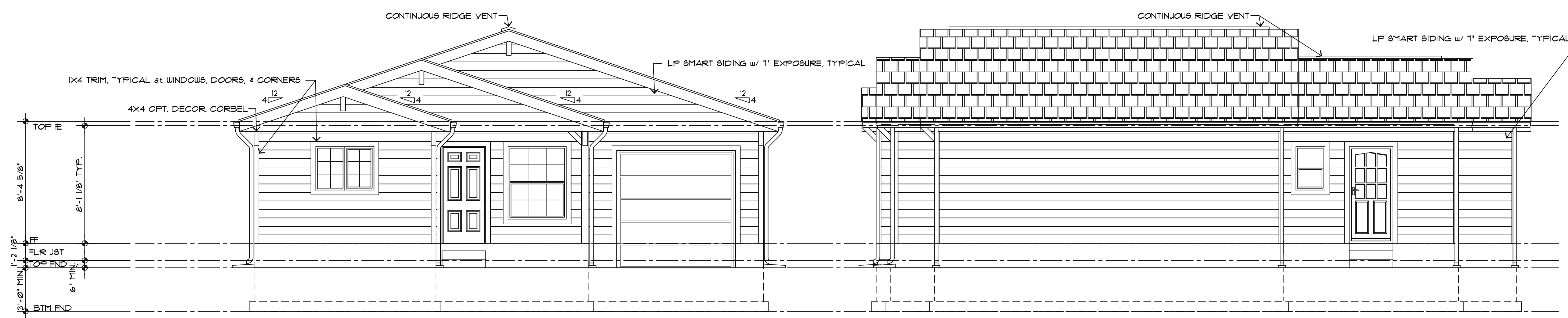
TOW=Ø1 = TOP OF FOUNDATION WALL ELEVATION

ML=Ø8 = MAIN LEVEL FINISH FLOOR ELEVATION

ASSEMBLY NOTES:

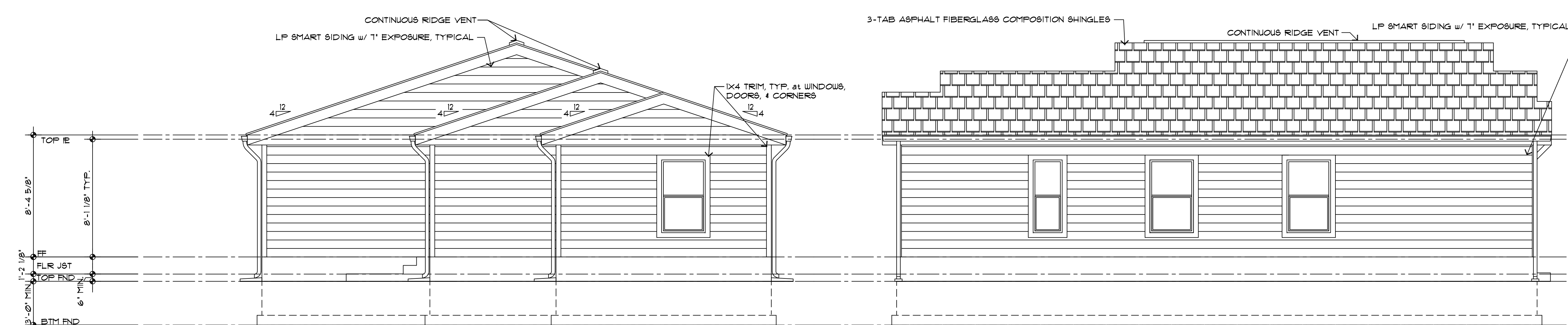
A	ROOF:
B	FASCIA/SOFFIT:
C	EXTERIOR WALL:
D	EXTERIOR WALL BALLOON FRAME:
E	FRAMED FLOOR SYSTEM:
F	NOT USED
G	RAILING SYSTEM:
H	STAIRS:
I	FOUNDATION WALL:
J	SLAB ON GRADE:
K	PERIMETER DRAIN SYSTEM:

ALL ASSEMBLIES AND GENERAL NOTES REFER TO SHEET 'CS1' AND SPECIFICATIONS SHEET 'S91'



FRONT ELEVATION - PLAN A
SCALE 1/4"=1'

RIGHT ELEVATION - PLAN A
SCALE 1/4"=1'



REAR ELEVATION - PLAN A
SCALE 1/4"=1'

LEFT ELEVATION - PLAN A
SCALE 1/4"=1'

REVISIONS	

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ALEC MODEL
COMPUTER FILE # 1001

DRAWN BY: SB
CHECKED BY: SP DESIGNS

WALL DETAILS
WALL SECTIONS

A4
of 6 SHEETS

- GENERAL SECTION NOTES:**
- UNLESS OTHERWISE NOTED ALL SECTIONS ARE TYPICAL. SEE SECTION 511/A1 FOR REFERENCE OF COMPLETE LABELING AND NOTES.
 - SEE STRUCTURAL SHEETS FOR ALL CALLOUTS OF FRAMING MEMBERS, BEAMS, HEADERS, AND CONNECTIONS ETC. TYPICAL.
 - ALIGN FLOOR JOISTS TO ALLOW FOR PLUMBING AND MECHANICAL INSTALLATION.
 - SECTION BEYOND ITEMS ARE SHOWN FOR REFERENCE ONLY AND DOES NOT INDICATE ANY SPECIFIC MATERIAL, MANUFACTURER, OR TYPE.

- SPECIFIC SECTION NOTES:**
- BEARING WALL. SEE STRUCTURAL SHEETS FOR ADDITIONAL INFORMATION
 - HANGER-TRUSS OR RAFTER SEE STRUCTURAL SHEETS FOR ADDITIONAL INFORMATION
 - FIRE BLOCKING AS REQ'D PER CODE
 - NOT USED
 - NOT USED
 - NOT USED
 - NOT USED
 - NOT USED
 - NOT USED
 - NOT USED
- NOTE:
FOR OTHER APPLICABLE KEYNOTES, SYMBOLS, & HATCHES SEE GENERAL NOTE SHEET 'C9' FOR KEYNOTES & CORRESPONDING ASSEMBLY NOTES.

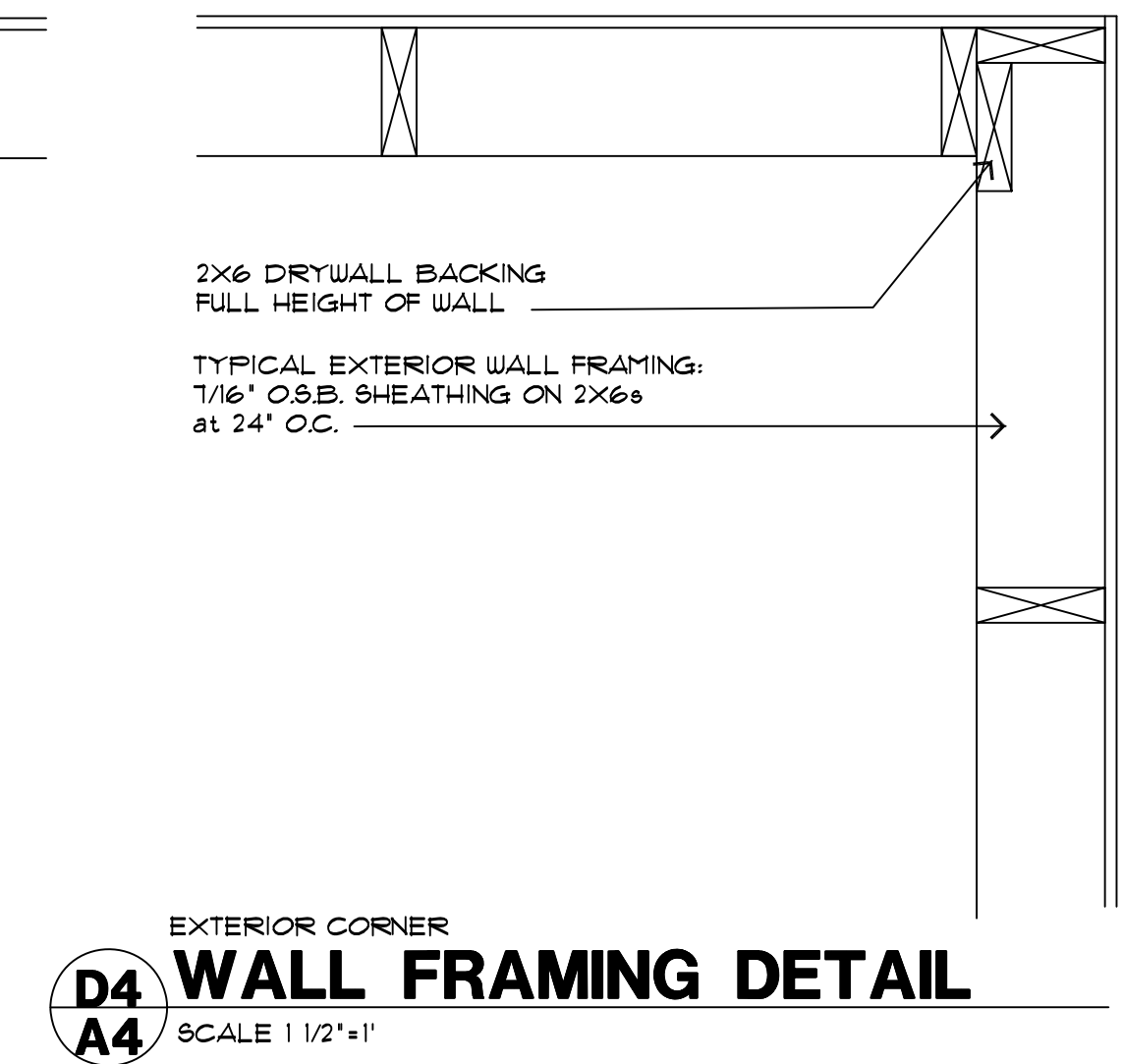
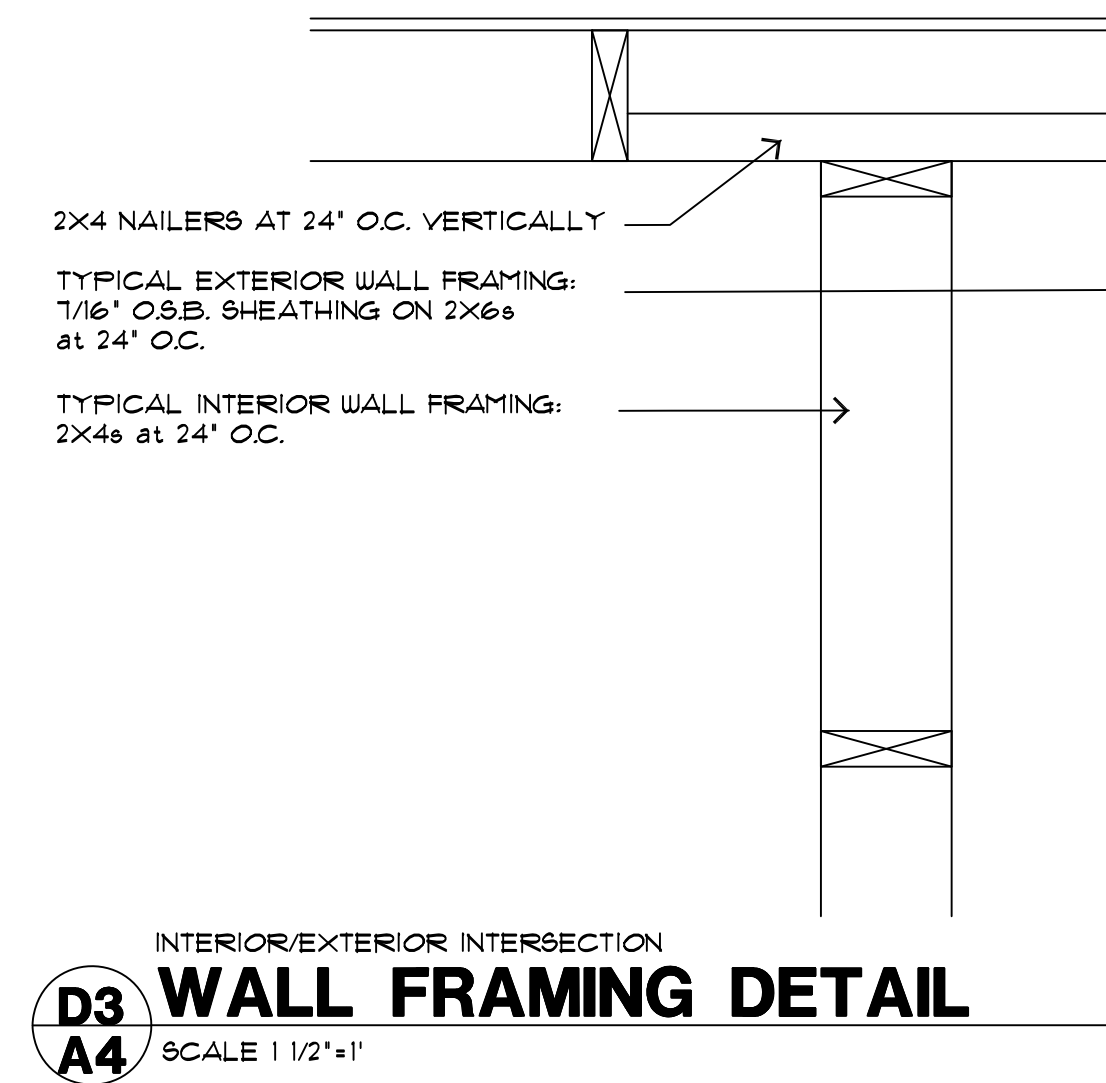
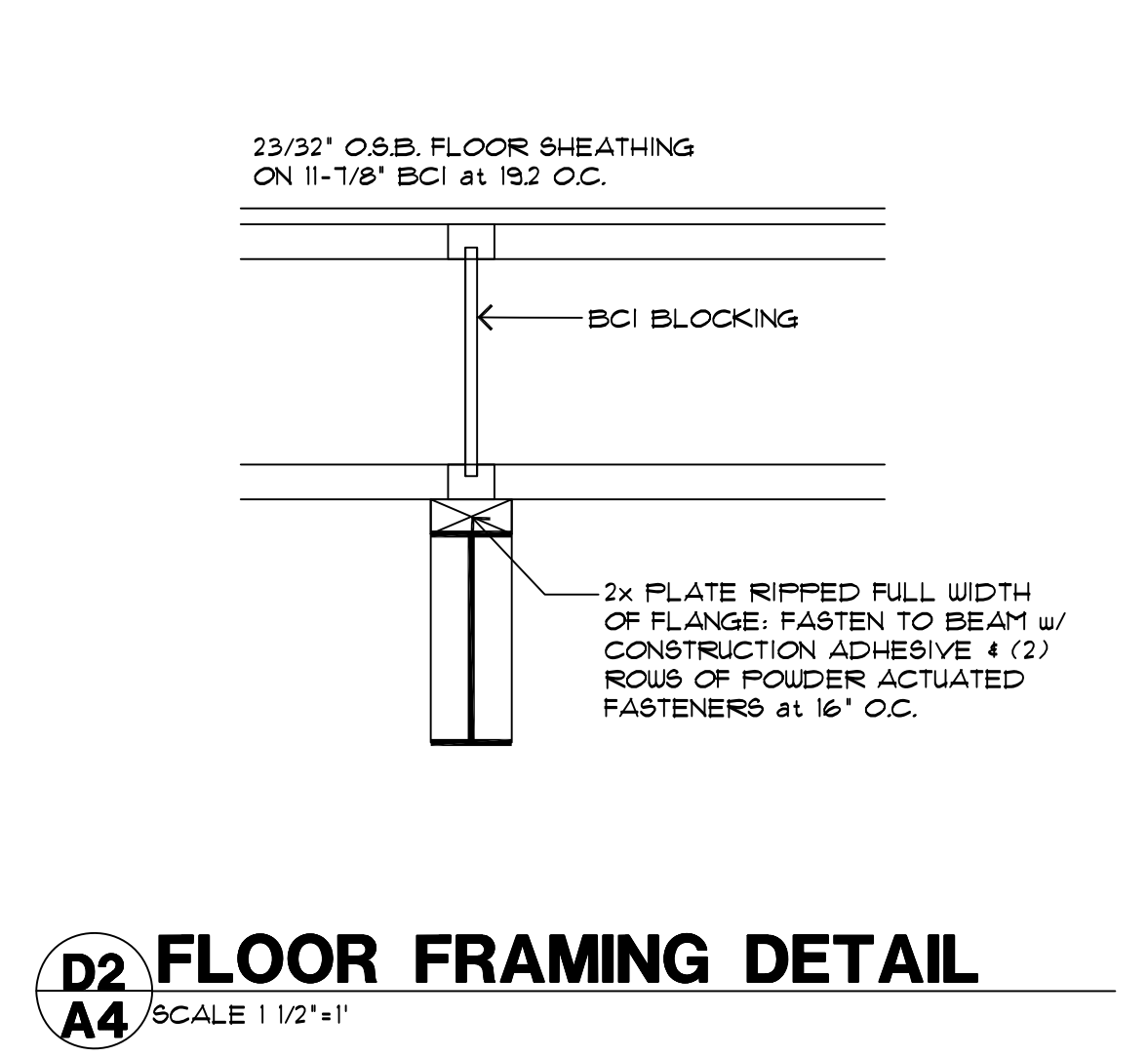
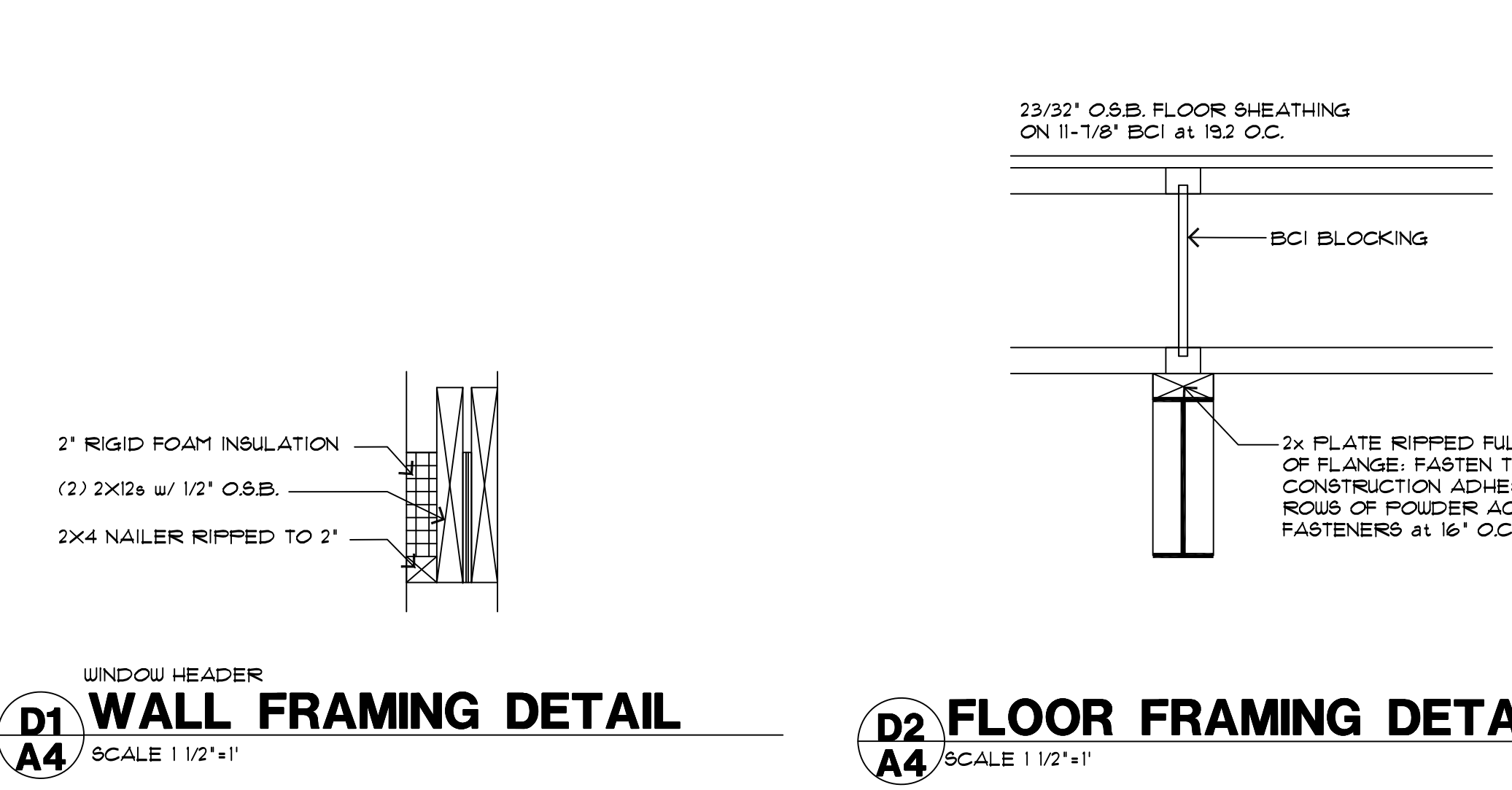
SECTION NOTE SYMBOLS:

EARTH MATERIAL =	
CONCRETE =	

ASSEMBLY NOTES:

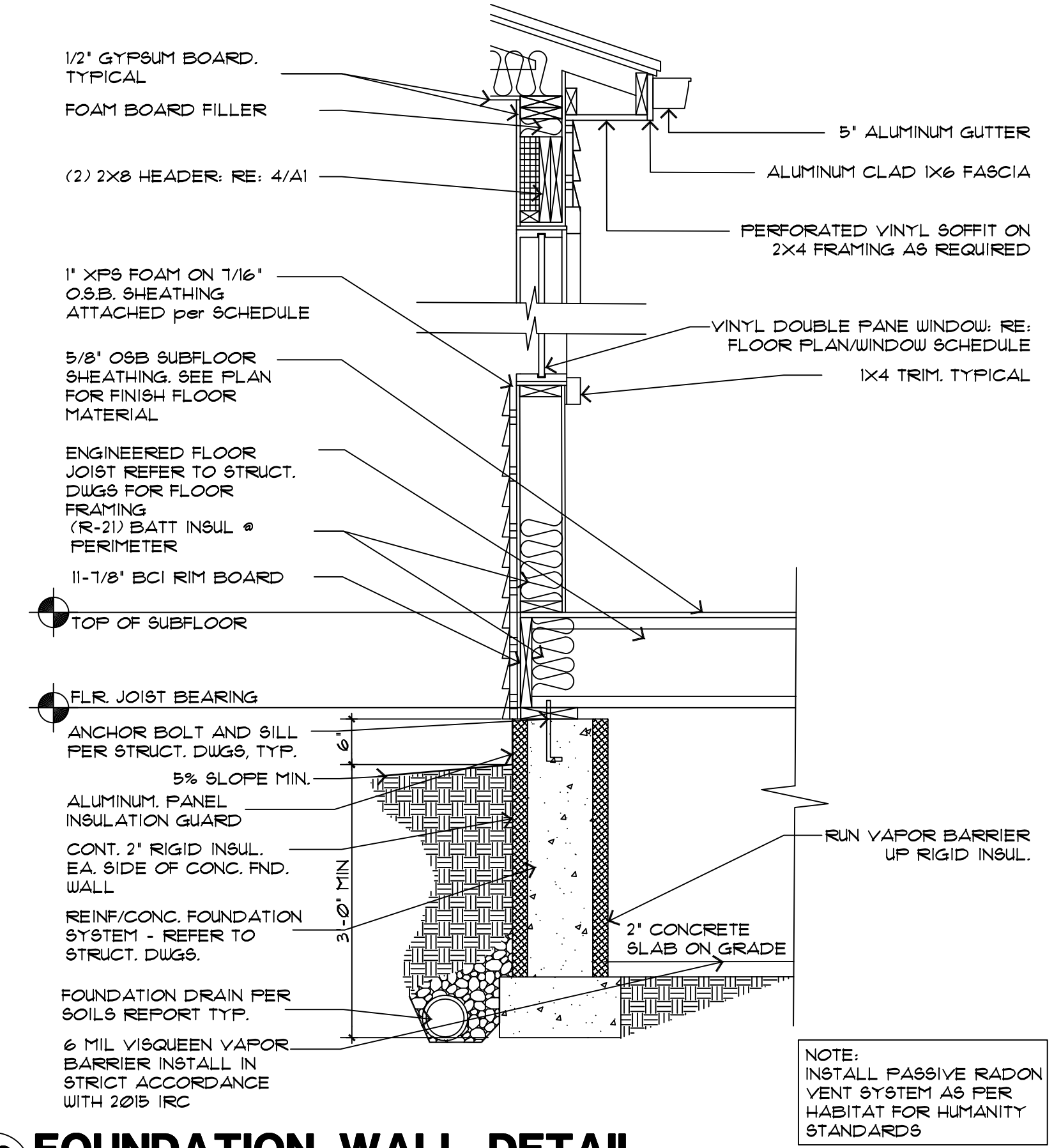
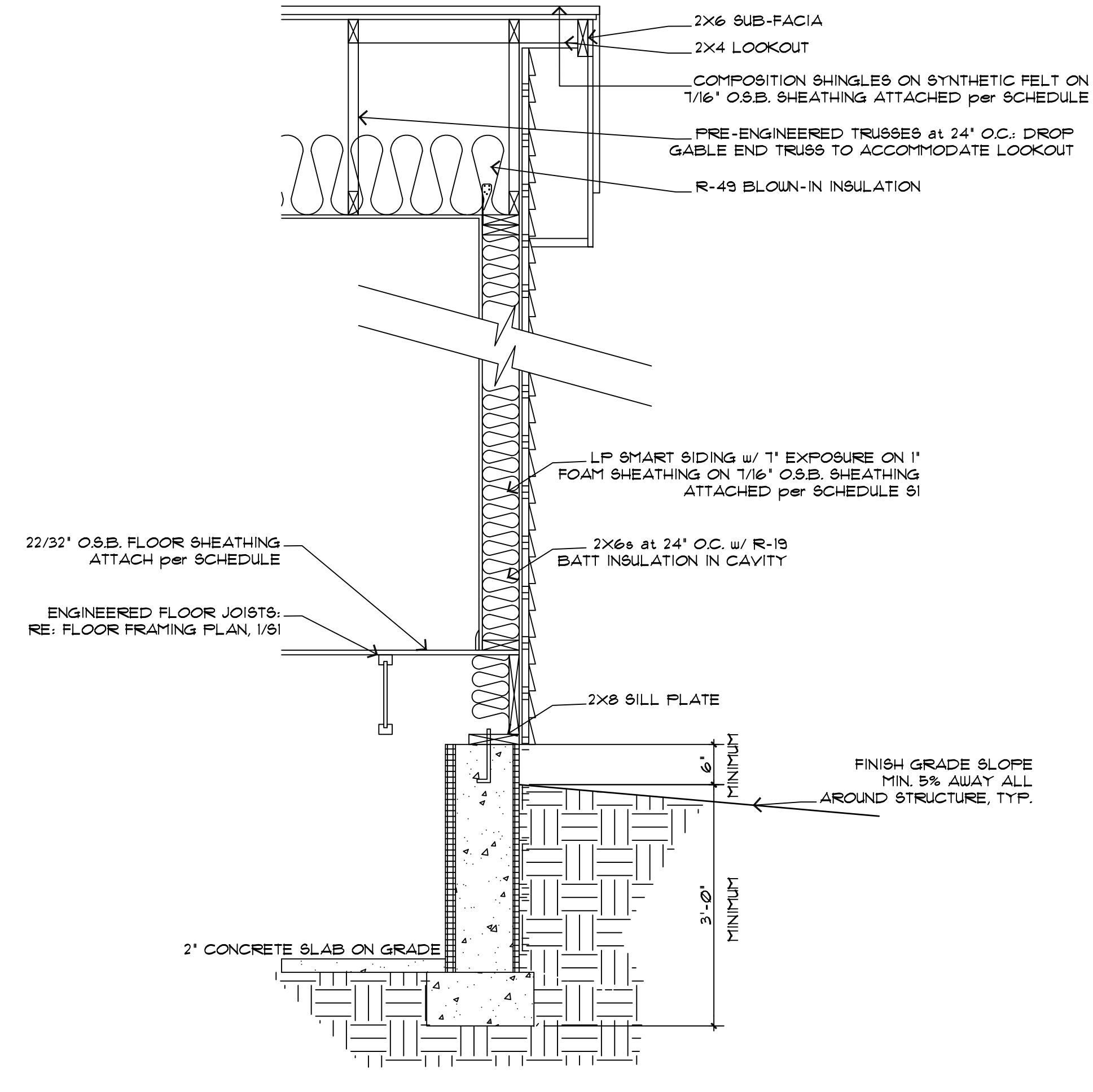
A	ROOF:
B	FASCIA/SOFFIT:
C	EXTERIOR WALL:
D	EXTERIOR WALL BALLOON FRAME:
E	FRAMED FLOOR SYSTEM:
F	NOT USED
G	RAILING SYSTEM:
H	STAIRS:
I	FOUNDATION WALL:
J	SLAB ON GRADE:
K	PERIMETER DRAIN SYSTEM:

ALL ASSEMBLIES AND GENERAL NOTES REFER TO SHEET 'C9' AND SPECIFICATIONS SHEET 'S9'



WALL DETAILS

- GENERAL NOTES:**
- ALL WORK TO CONFORM TO CURRENT APPLICABLE CODES UNDER THE JURISDICTION OF THIS WORK INCLUDING:
 - 2017 EDITION OF THE PIKES PEAK REGIONAL BUILDING CODE
 - 2015 INTERNATIONAL RESIDENTIAL CODE
 - 2015 UNIFORM PLUMBING CODE
 - 2015 INTERNATIONAL MECHANICAL CODE
 - 2015 INTERNATIONAL FIRE CODE
 - 2015 INTERNATIONAL ENERGY CONSERVATION CODE
 - 2014 NATIONAL ELECTRICAL CODE
 - CONTRACTOR SHALL NOTIFY THE UTILITY NOTIFICATION CENTER OF COLORADO AT LEAST 2 DAYS PRIOR TO ANY TRENCHING OR EXCAVATING PER COLORADO STATE STATUTE 93-155.
 - THE CONTRACTOR SHALL OBTAIN ALL NECESSARY INSURANCE AND PERMITS REQUIRED TO COMPLETE THE DEMOLITION, GRADING, & CONSTRUCTION WORK AND COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS PERTINENT TO THIS WORK.
 - PROVIDE ALL SIGNAGE & BARRICADING REQUIRED TO PROTECT VEHICULAR AND PEDESTRIAN TRAFFIC DURING CONSTRUCTION. MAINTAIN LIFE PROTECTING SYSTEMS INCLUDING FIRE AND EMERGENCY ACCESS DURING CONSTRUCTION.
 - ALL ACCESS TO CONSTRUCTION AREAS AND ADJACENT PROPERTIES TO BE PROTECTED AND MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
 - CARE SHALL BE TAKEN DURING CONSTRUCTION OPERATIONS SO AS TO PROTECT EXISTING OTHER EXISTING ELEMENTS, ANY DAMAGE DUE TO CONSTRUCTION OPERATIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL DIMENSIONS ARE TO FACE OF STUD WALL, CENTER LINE OF COLUMN GRID LINE, CENTER OF DOOR AND / OR WINDOWS UNLESS OTHERWISE NOTED OR GRAPHICALLY REPRESENTED. ALL DIMENSIONS MUST BE VERIFIED TO CONFIRM EXISTING CONDITIONS AS REQUIRED.
 - ALL EXTERIOR DIMENSIONS TO THE FACE OF CURB, WALL, CONCRETE, OR GRID LINE, UNLESS OTHERWISE NOTED.
 - GENERAL CONTRACTOR SHALL COORDINATE ALL MECHANICAL, ELECTRICAL, AND GENERAL CONSTRUCTION WORK SHOWN AT VARIOUS LOCATIONS THROUGHOUT THE DRAWINGS WHETHER OR NOT CROSS REFERENCED, MECHANICAL AND ELECTRICAL ITEMS MAY OCCUR WHICH ARE NOT SHOWN ON ARCHITECTURAL PLANS.
 - EXTERIOR FRAMING TO BE 2x6 WOOD STUDS @ 24" O.C. WITH 5-1/2" (R-21) BATT INSULATION + 1" RIGID INSULATION (R-5) OVER SHEATHING.
 - INTERIOR FRAMING TO BE 2x4 WOOD STUDS @ 16" O.C./24" O.C. OR AS RECOMMENDED BY GYPSUM BD MFG.
 - ALL GYP. BC. TO BE 1/2" THK. USE WATER RESISTANT GYP. BD. IN ALL WET AREAS.
 - EXTERIOR SIDING SHALL BE INDICATED
 - DO NOT SCALE DRAWINGS.
 - REFER TO SOILS REPORT FOR SPECIAL REQUIREMENTS AND DETAILING.
 - INSTALL ALL ELECTRICAL, PLUMBING, AND HVAC TO COMPLY WITH CURRENT LOCAL AND STATE CODES.
 - BLOCK OUT WALLS FOR FUTURE HANDICAPPED RAILS - TYPICAL @ WATERCLOSET AND BATH.
 - WINDOW AND DOOR NOTATION REFER TO TYPE AND SIZE OF UNIT. EXAMPLE 6040SL = 6'-0" WIDE X 4'-0" HIGH SLIDER
 - ALL EROSION CONTROL METHODS DURING CONSTRUCTION SHALL COMPLY WITH STATE & LOCAL CODES & ORDINANCES.



WALL SECTIONS

REVISIONS	

SP DESIGNS, LTD.
COLORADO SPRINGS, CO. 80918
719.459.6209



CONTRACTOR:
PIKES PEAK HABITAT FOR HUMANITY
2802 N. PROSPECT ST.
COLORADO SPRINGS, CO. 80907
719.475.7800

PROJECT:
2 BEDROOM, 1 STORY
ALEC MODEL
COMPUTER FILE # 1001

DRAWN BY: SB
CHECKED BY: SP DESIGNS
ELEVATIONS PLAN B

GENERAL SECTION NOTES:

- UNLESS OTHERWISE NOTED ALL SECTIONS ARE TYPICAL. SEE SECTION 811/A1 FOR REFERENCE OF COMPLETE LABELING AND NOTES.
- SEE STRUCTURAL SHEETS FOR ALL CALLOUTS OF FRAMING MEMBERS, BEAMS, HEADERS, AND CONNECTIONS ETC. TYPICAL.
- ALIGN FLOOR JOISTS TO ALLOW FOR PLUMBING AND MECHANICAL INSTALLATION.
- SECTION BEYOND ITEMS ARE SHOWN FOR REFERENCE ONLY AND DOES NOT INDICATE ANY SPECIFIC MATERIAL, MANUFACTURER, OR TYPE.

SPECIFIC SECTION NOTES:

- 83 2X10 TRIM BAND
 - 84 2X6 TRIM BAND
 - 85 WINDOW AND DOOR TRIM
 - 86 DOOR SYMBOLS ARE REPRESENTATIONAL ONLY. VERIFY STYLE, MATERIAL & AVAILABILITY w/ MFG PRIOR TO ORDERING.
 - 87 1X4 CORNER TRIM
 - 88 VERTICAL SIDING MATERIAL TBD PRIOR TO ORDERING & INSTALLING. FV w/ CONTRACTOR
 - 89 SUPPORT POST SEE STRUCTURAL
 - 90 CONCRETE STOOP
 - 91 SIDING MATERIAL TBD PRIOR TO ORDERING & INSTALLING. FV w/ CONTRACTOR
- NOTE:
FOR OTHER APPLICABLE KEYNOTES, SYMBOLS & HATCHES, SEE GENERAL NOTE SHEET 'C8' FOR KEYNOTES & CORRESPONDING ASSEMBLY NOTES.

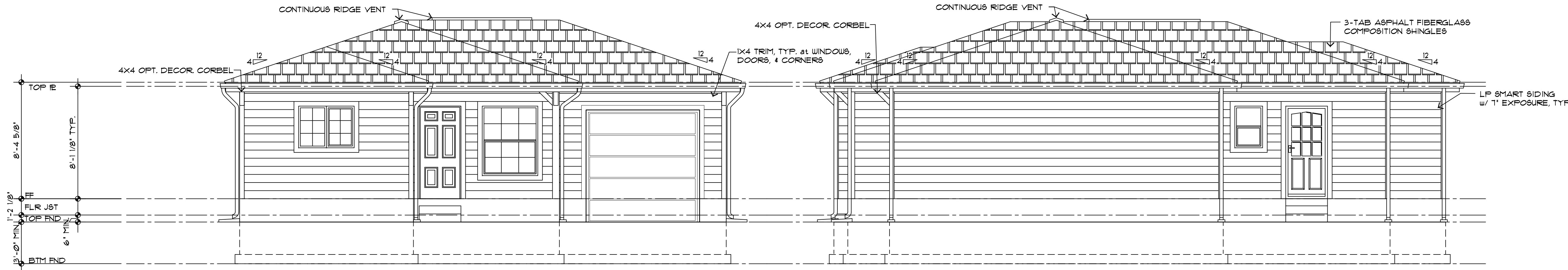
ELEVATION NOTE SYMBOLS:

- FINISH GRADE LINE
- - - EXISTING GRADE LINE
- Ø1 EXISTING GRADE ELEVATION
- Ø1 EXISTING GRADE ELEVATION
- TOW=Ø1 = TOP OF FOUNDATION WALL ELEVATION
- ML=Ø8 = MAIN LEVEL FINISH FLOOR ELEVATION

ASSEMBLY NOTES:

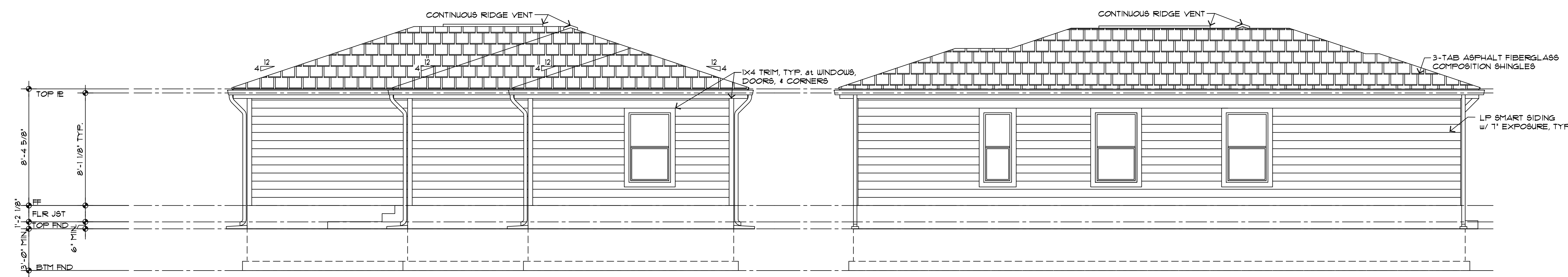
A	ROOF:	
B	FASCIA/SOFFIT:	
C	EXTERIOR WALL:	
D	EXTERIOR WALL BALLOON FRAME:	
E	FRAMED FLOOR SYSTEM:	
F	NOT USED	
G	RAILING SYSTEM:	
H	STAIRS:	
I	FOUNDATION WALL:	
J	SLAB ON GRADE:	
K	PERIMETER DRAIN SYSTEM:	

ALL ASSEMBLIES AND GENERAL NOTES REFER TO SHEET 'C8' AND SPECIFICATIONS SHEET 'S8'



FRONT ELEVATION - PLAN B
SCALE 1/4"=1'

RIGHT ELEVATION - PLAN B
SCALE 1/4"=1'



REAR ELEVATION - PLAN B
SCALE 1/4"=1'

LEFT ELEVATION - PLAN B
SCALE 1/4"=1'

8'-4 5/8"
TOP IE
8'-1 1/8" TYP.
FF
FLR JST
TOP FND
6" MIN.
1'-2 1/8"
BTM FND

8'-4 5/8"
TOP IE
8'-1 1/8" TYP.
FF
FLR JST
TOP FND
6" MIN.
1'-2 1/8"
BTM FND

GENERAL SECTION NOTES:

1. UNLESS OTHERWISE NOTED ALL SECTIONS ARE TYPICAL. SEE SECTION 811/A11 FOR REFERENCE OF COMPLETE LABELING AND NOTES.
2. SEE STRUCTURAL SHEETS FOR ALL CALLOUTS OF FRAMING MEMBERS, BEAMS, HEADERS, AND CONNECTIONS ETC. TYPICAL.
3. ALIGN FLOOR JOISTS TO ALLOW FOR PLUMBING AND MECHANICAL INSTALLATION.
4. SECTION BEYOND ITEMS ARE SHOWN FOR REFERENCE ONLY AND DOES NOT INDICATE ANY SPECIFIC MATERIAL, MANUFACTURER, OR TYPE.

SPECIFIC SECTION NOTES:

- 83 2X10 TRIM BAND
 - 84 2X6 TRIM BAND
 - 85 WINDOW AND DOOR TRIM
 - 86 DOOR SYMBOLS ARE REPRESENTATIONAL ONLY. VERIFY STYLE, MATERIAL & AVAILABILITY W/MFG PRIOR TO ORDERING.
 - 87 1X4 CORNER TRIM
 - 88 VERTICAL SIDING MATERIAL TBD PRIOR TO ORDERING & INSTALLING. FV W/ CONTRACTOR
 - 89 SUPPORT POST SEE STRUCTURAL
 - 90 CONCRETE STOOP
 - 91 SIDING MATERIAL TBD PRIOR TO ORDERING & INSTALLING. FV W/ CONTRACTOR
- NOTE:
FOR OTHER APPLICABLE KEYNOTES, SYMBOLS & HATCHES, SEE GENERAL NOTE SHEET 'CS1' FOR KEYNOTES & CORRESPONDING ASSEMBLY NOTES.

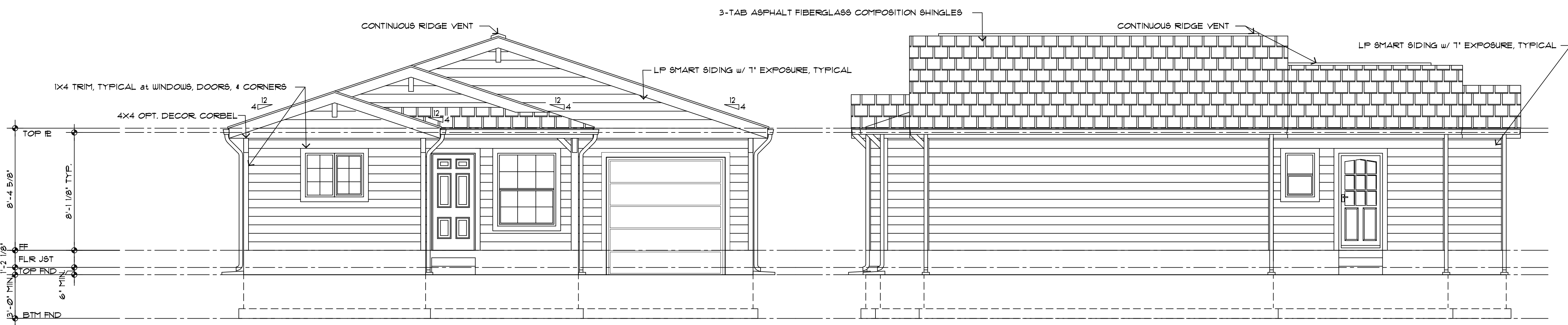
ELEVATION NOTE SYMBOLS:

- = FINISH GRADE LINE
- = EXISTING GRADE LINE
- = EXISTING GRADE ELEVATION
- = EXISTING GRADE ELEVATION
- TOW=01 = TOP OF FOUNDATION WALL ELEVATION
- ML=08 = MAIN LEVEL FINISH FLOOR ELEVATION

ASSEMBLY NOTES:

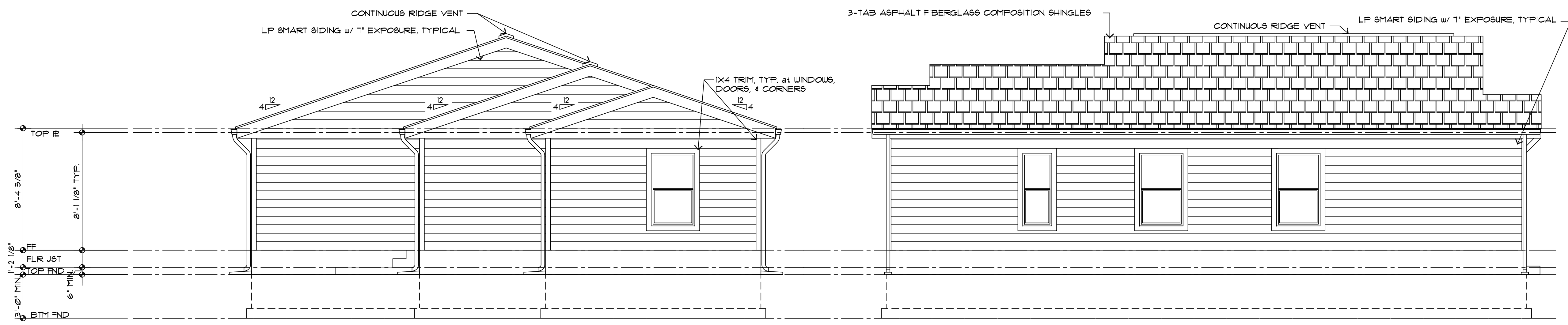
	ROOF:
	FASICA/SOFFT:
	EXTERIOR WALL:
	EXTERIOR WALL BALLOON FRAME:
	FRAMED FLOOR SYSTEM:
	NOT USED
	RAILING SYSTEM:
	STAIRS:
	FOUNDATION WALL:
	SLAB ON GRADE:
	PERIMETER DRAIN SYSTEM:

ALL ASSEMBLIES AND GENERAL NOTES REFER TO SHEET 'CS1' AND SPECIFICATIONS SHEET 'S61'



FRONT ELEVATION - PLAN C
SCALE 1/4"=1'

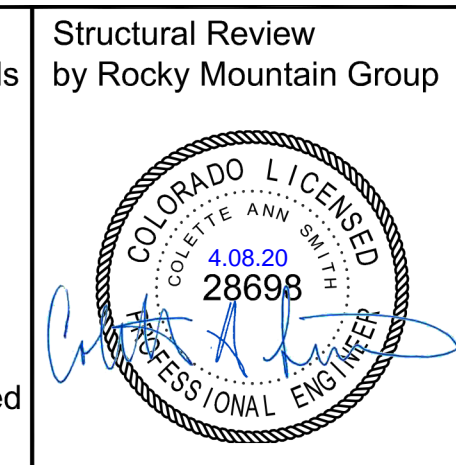
RIGHT ELEVATION - PLAN C
SCALE 1/4"=1'



REAR ELEVATION - PLAN C
SCALE 1/4"=1'

LEFT ELEVATION - PLAN C
SCALE 1/4"=1'

TRUSS NOTE:
 Premanufactured truss details provided to RMG have only been checked for general conformance to framing system. Dimensions and completeness of truss detail package have not been verified. Changes to truss layout/detail shall be reviewed by RMG.



**FOR STRUCTURAL ONLY TRUSSES BY OTHERS
 STAMP IS NOT FOR FOUNDATION**

GENERAL FRAME NOTES:

1. ADJUST FLOOR JOISTS TO ALLOW FOR PLUMBING & MECHANICAL INSTALLATION.
2. UNLESS OTHERWISE NOTED, ALL JOISTS ARE 11-1/8" ECI 5000 LT @ 19.2" O.C. w/1/8" 1188 OR 1188.
3. UNLESS OTHERWISE NOTED TIMBERSTRAND RIM OR VERSARIM BOARD TYP AROUND EXTERIOR FLOOR JOISTS.
4. PROVIDE 3" MIN BRG AT ALL BEAM POCKETS.
5. ALL LVL BEAMS TO BE ISOLATED FROM CONCRETE AT BEAM POCKETS WITH (2) LAYER 15" BUILDING PAPER.

NOTE: WHEN POST SYMBOL OCCURS ON THE PLANS WITH NO SPECIFIC DESIGNATION STATED THEN POST SYMBOL SHALL REPRESENT A MIN OF (2)-2X STUDS THE SIZE OF WALL THEY ARE TO BE INSTALLED IN.

SPECIFIC FRAME NOTES:

- 94 SOLID BLOCKING AS REQ'D BY CODE
- 95 NOT USED
- 96 2x8 LOAD BEARING WALL SEE FRAME NOTE TO ACCOMMODATE DRAIN LOCATIONS ON LOCATION OF BEARING WALL
- 97 NOT USED
- 98 NOT USED
- 99 DASHED LINES INDICATE PLUMBING FIXTURES ON FLOOR ABOVE
- 100 NOT USED

NOTE: FOR OTHER APPLICABLE KEYNOTES SYMBOLS & HATCHES SEE GENERAL NOTE SHEET 'CS' FOR KEYNOTES AND CORRESPONDING ASSEMBLY NOTES.

FRAME NOTE SYMBOLS:



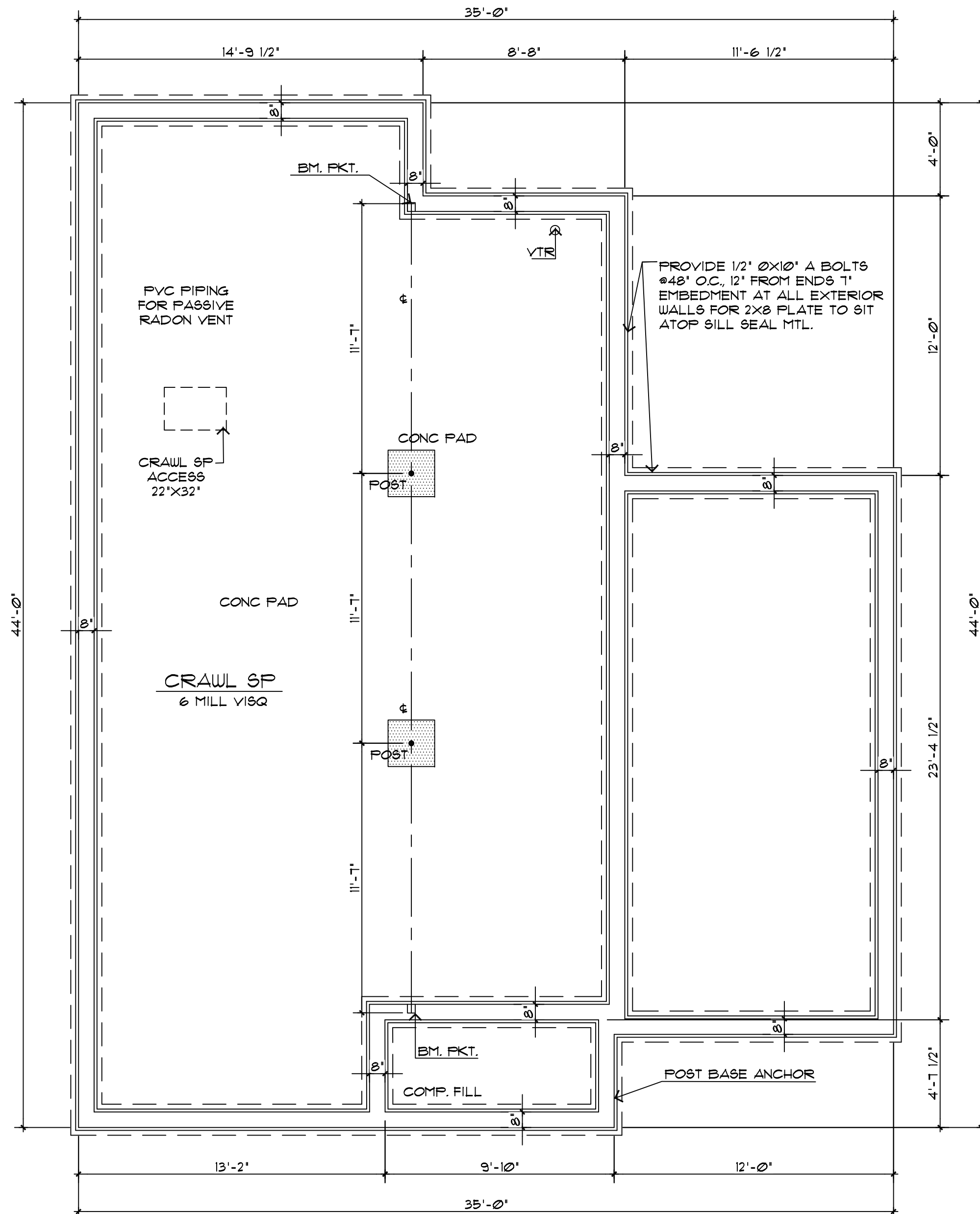
LOAD INFORMATION

WIND LOAD: 130 MPH (ULTIMATE)
 EXPOSURE 'C'
ROOF LOADS: LIVE LOAD = 30* P/SF
 DEAD LOAD = 15* P/SF
FLOOR LOADS: LIVE LOAD = 40* P/SF
 DEAD LOAD = 10* P/SF

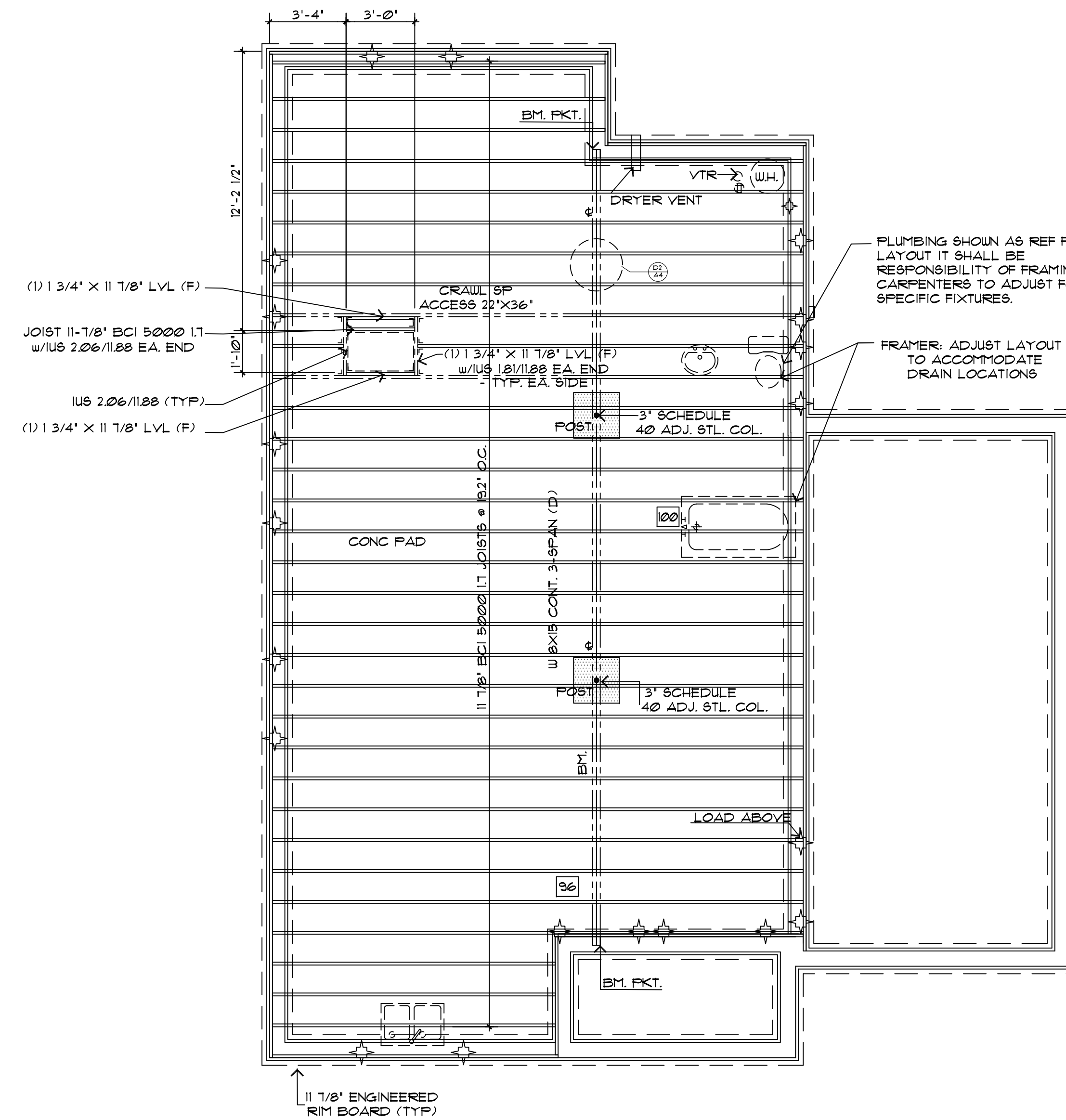
ASSEMBLY NOTES:

A	ROOF:
B	FASCIA/SOFFIT:
C	EXTERIOR WALL:
D	EXTERIOR WALL BALLOON FRAME:
E	FRAMED FLOOR SYSTEM:
F	NOT USED
G	RAILING SYSTEM:
H	STAIRS:
I	FOUNDATION WALL:
J	SLAB ON GRADE:
K	PERIMETER DRAIN SYSTEM:

ALL ASSEMBLIES AND GENERAL NOTES REFER TO SHEET 'CS' AND SPECIFICATIONS SHEET 'S1'



2 CRAWL SPACE & FOUNDATION LAYOUT PLAN
 S1 SCALE 1/4"=1'



1 MAIN LEVEL FRAME
 S1 SCALE 1/4"=1'

SHEATHING SCHEDULE

ROOF:
 1/16" O.S.B. SHEATHING NAILED TO ROOF FRAMING MEMBERS AT 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS USING 8d NAILS

TYPICAL EXTERIOR WALLS:
 1/16" O.S.B. SHEATHING NAILED TO WALL STUDS AT 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS USING 8d NAILS

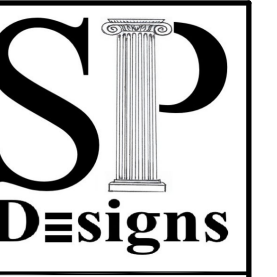
FLOOR:
 3/4" T&G STURD-I-FLOOR APA RATED PLYWOOD GLUED & NAILED AT 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS w/ 10d RING SHANK NAILS

WALL BRACING INFORMATION

UNLESS NOTED OTHERWISE:
 REFERENCE R602.10.4 ALL EXTERIOR WALLS WILL BE DONE AS PER THE WALL BRACING METHOD C6-U8P (CONTINUOUS SHEATHING STRUCTURE) WITH 1/16" O.S.B SHEATHING.

CONNECTION CRITERIA:
 8d COMMON NAILS @ 6" SPACING (PANEL EDGES) AND @ 12" SPACING (INTERMEDIATE SUPPORTS) OR 16ga. x 1/2" STAPLES AT 3" SPACING (PANEL EDGES) AND 6" SPACING (INTERMEDIATE SUPPORTS).

WOOD SILL PLATE MUST BE ANCHORED TO THE FOUNDATION WITH ANCHOR BOLTS SPACED A MAXIMUM OF 6 FEET ON CENTER. THERE MUST BE A MINIMUM OF TWO BOLTS PER SILL PLATE SECTION WITH A BOLT LOCATED NOT MORE THAN 12 INCHES AND NOT LESS THAN 1 BOLT DIAMETERS (3.5 INCHES) FROM EACH END OF THE PLATE SECTION (IRC SECTION R403.1.6). BOLTS SHOULD BE AT LEAST 1/2 INCH IN DIAMETER AND SHOULD EXTEND A MINIMUM OF 1 INCHES INTO THE CONCRETE OR MASONRY FOUNDATION. A NUT AND WASHER IS REQUIRED ON EACH BOLT TO HOLD THE PLATE TO THE FOUNDATION. SEE ENGINEERED FOUNDATION DESIGN FOR ANCHOR BOLT SPACING - SOME ENGINEERS MAY REQUIRE ANCHOR BOLT SPACING LESS THAN THE MAXIMUM OF 6'-0"



REVISIONS

SP DESIGNS, LTD.
 COLORADO SPRINGS, CO. 80918
 719.459.6209



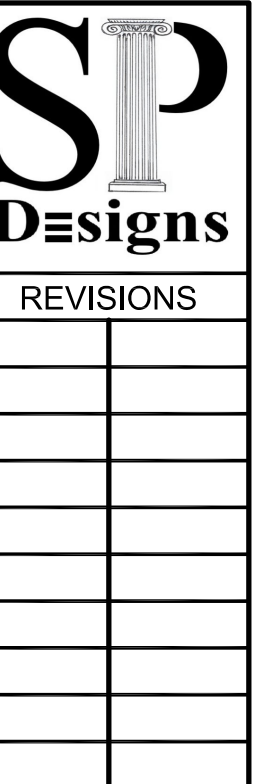
CONTRACTOR:
 PIKES PEAK HABITAT FOR HUMANITY
 2802 N. PROSPECT ST.
 COLORADO SPRINGS, CO. 80907
 719.475.7800

PROJECT:
 2 BEDROOM, 1 STORY
 ALEC MODEL
 COMPUTER FILE # 1001

DRAWN BY: SB
 CHECKED BY: SP DESIGNS

CRAWL SPACE PLAN
 MAIN LEVEL FRAME

S1
 of 4 SHEETS



REVISIONS

SP DESIGNS, LTD.
 COLORADO SPRINGS, CO. 80918
 719.459.6209

Pikes Peak Habitat for Humanity

CONTRACTOR:
 PIKES PEAK HABITAT FOR HUMANITY
 2802 N. PROSPECT ST.
 COLORADO SPRINGS, CO. 80907
 719.475.7800

PROJECT:
 2 BEDROOM, 1 STORY
 ALEC MODEL
 COMPUTER FILE # 1001

DRAWN BY: SB

CHECKED BY:
 SP DESIGNS

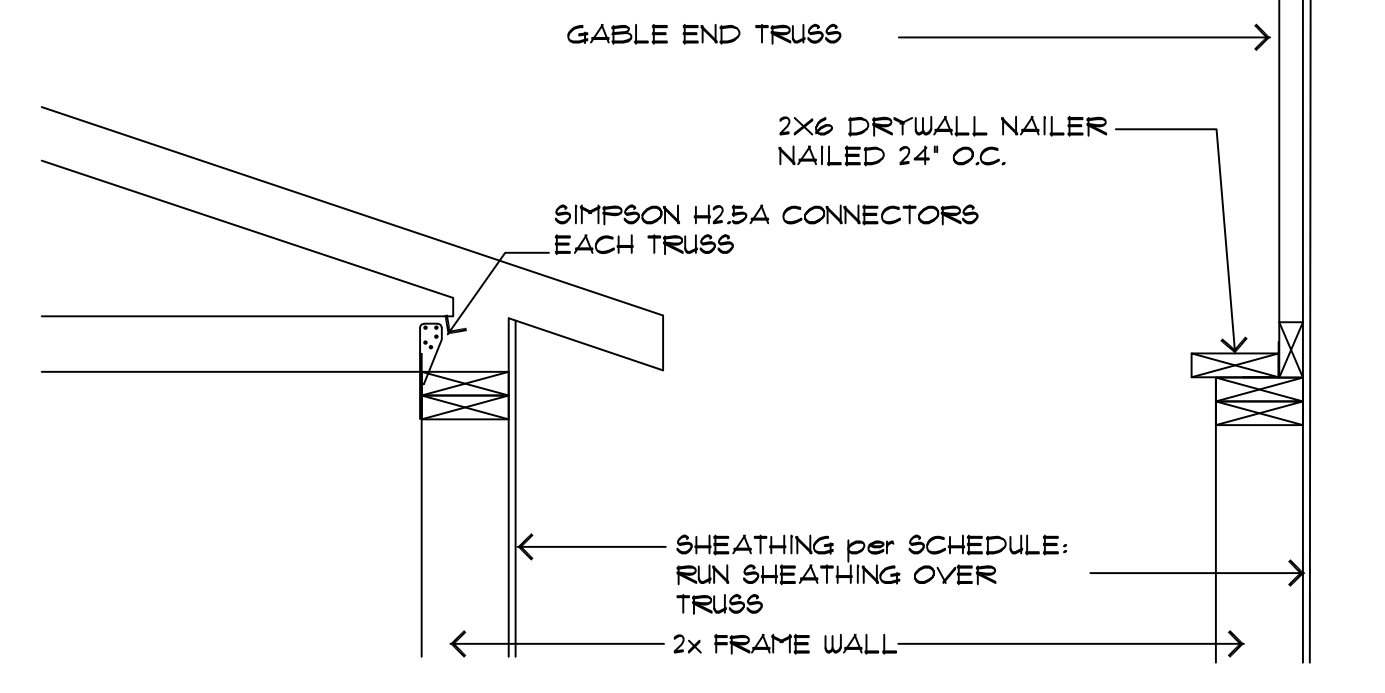
GABLE ROOF PLAN
 GABLE ROOF FRAME

S2
 of 4 SHEETS

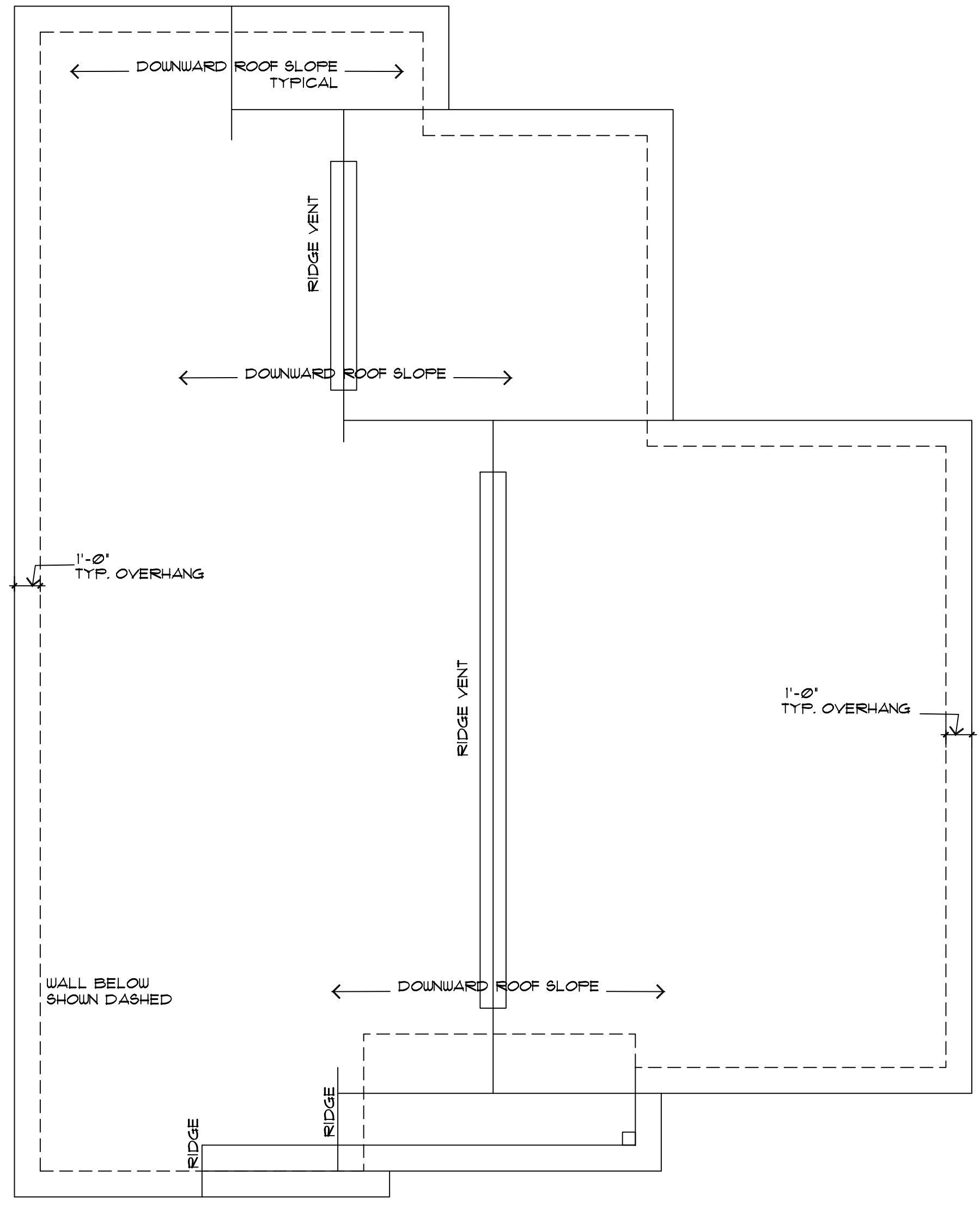
TRUSS NOTE:
 Premanufactured truss details provided to RMG have only been checked for general conformance to framing system. Dimensions and completeness of truss detail package have not been verified. Changes to truss layout/detail shall be reviewed by RMG.

Structural Review
 by Rocky Mountain Group

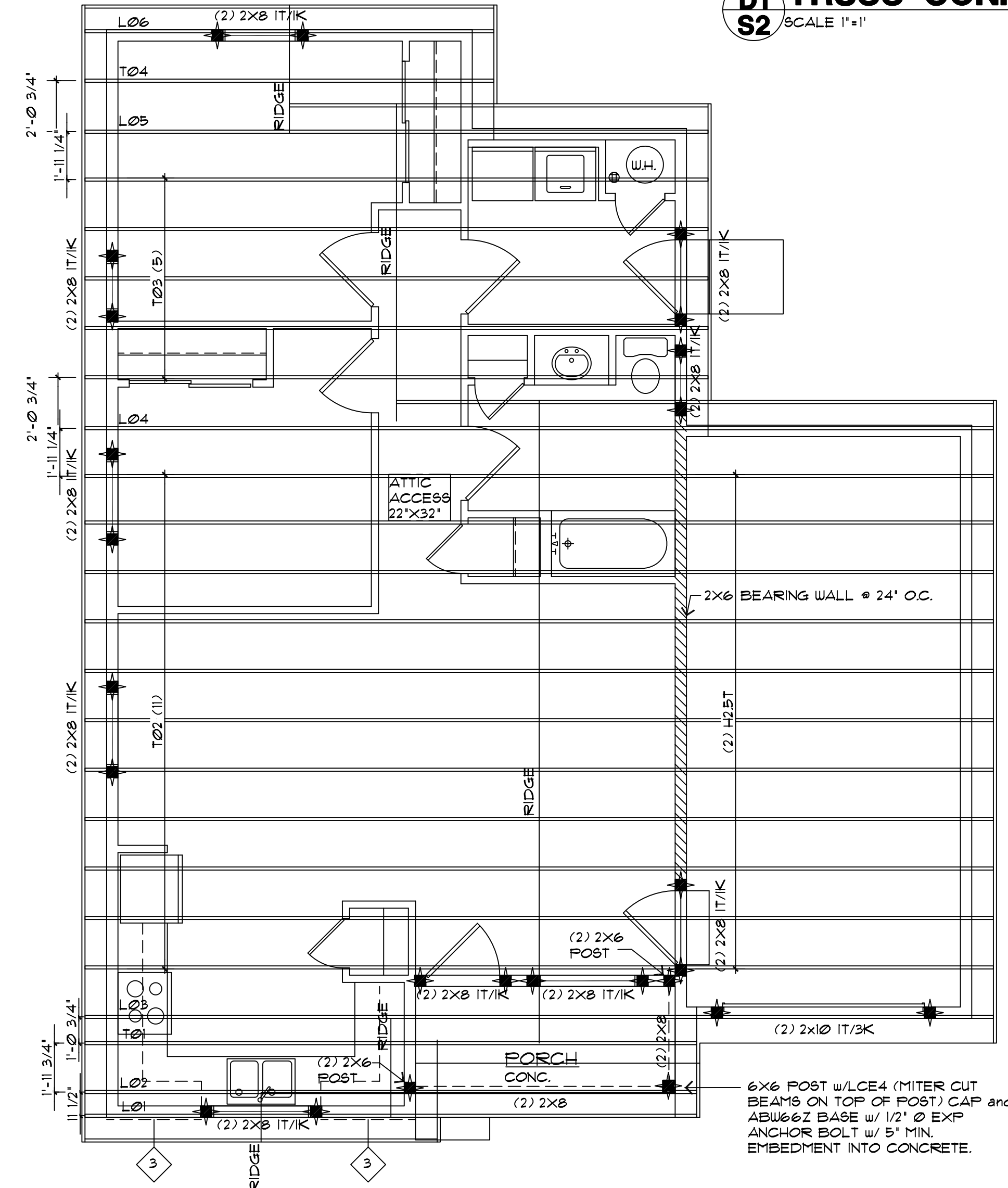
FOR STRUCTURAL ONLY TRUSSES BY OTHERS



D1 TRUSS CONNECTION DETAILS
 SCALE 1"=1'



1 ROOF PLAN - PLAN A
 SCALE 1/4"=1'



2 ROOF FRAME PLAN - PLAN A
 SCALE 1/4"=1'

GENERAL FRAME NOTES:

- NOTE: THIS TRUSS LAYOUT IS INTENDED FOR GENERAL LAYOUT USAGE. ACTUAL LAYOUT FOR TRUSSES & THEIR LABELS SHALL BE PROVIDED BY A TRUSS SUPPLIER. ALL ENGINEERING FOR BEAMS, HEADERS, & STRUCTURAL MATERIALS SHALL BE DESIGNED BY A COLORADO PROFESSIONAL ENGINEER. ALL MATERIALS AS NOTED SHALL BE REVIEWED BY AN ENGINEER AND SHALL BE EDITED AS NECESSARY.
- UNLESS OTHERWISE NOTED: ALL TRUSSES ARE @ 24' O.C.
- PROVIDE 1-1/2" ST. CLIP PER PLY @ EACH TRUSS OR RAFTER BEARING POINT @ EACH END OF TRUSS OR RAFTER NOT UTILIZING OTHER ANCHORS UNO.
- UNLESS OTHERWISE NOTED: ROOF OVERHANGS: AT EAVES 12' AT GABLES 12'
- NOT USED
- ALL ROOF PITCHES TO BE AS NOTED ON FLOOR PLANS.

NOTE: WHEN POST SYMBOL OCCURS ON THE PLANS WITH NO SPECIFIC DESIGNATION STATED THEN POST SYMBOL SHALL REPRESENT A MIN. OF (2)-2x STUDS THE SIZE OF WALL THEY ARE TO BE INSTALLED IN.

LOAD INFORMATION

WIND LOAD: 130 MPH (ULTIMATE) EXPOSURE 'C'

ROOF LOADS: LIVE LOAD = 30' PSF
 DEAD LOAD = 15' PSF

FLOOR LOADS: LIVE LOAD = 40' PSF
 DEAD LOAD = 10' PSF

SPECIFIC FRAME NOTES:

93] NOT USED

94] SOLID BLOCKING AS REQ'D BY CODE

95] NOT USED

96] 2x LOAD BEARING WALL SEE FRAME NOTE HATCH SYMBOLS FOR SPECIFIC INFORMATION ON LOCATION OF BEARING WALL

97] NOT USED

98] NOT USED

101] NOT USED

102] NOT USED

103] NOT USED

NOTE: FOR OTHER APPLICABLE KEYNOTES, SYMBOLS, & HATCHES SEE GENERAL NOTE SHEET 'CS' FOR KEYNOTES AND CORRESPONDING ASSEMBLY NOTES.

FRAME NOTE SYMBOLS:

ALL OVERBUILD SHALL BE VALLEY SET TRUSSES AS SHOWN.

BEARING WALL

ASSEMBLY NOTES:

ALL ASSEMBLIES AND GENERAL NOTES REFER TO SHEET 'CS' AND SPECIFICATIONS SHEET 'S1'

SHEAR WALL SCHEDULE	
SHEAR WALL AS REQUIRED PER PLAN	FOUNDATION ANCHOR/ SILL PLATE NAILING
3] 1/2' OR 1/16" APA RATED SHEATHING w/ 8d NAILS @ 6" O.C. EDGE AND BOUNDARY NAILING	EXTERIOR/INTERIOR: 1/2" Ø ANCH. @ 48" O.C./ 16d NAILS @ 8" O.C.

ATTIC VENTILATION REQUIREMENTS	
AREA OF ROOF	1272 SF.
REQUIRED VENTILATION (AREA/300)	42 SF.
REQUIRED SOFFIT VENT AREA	21 SF.
306 SF.	
L.F. VENTED SOFFIT	88
AREA OF VENTILATION PROVIDED	1056 SF.
REQUIRED ROOF VENT AREA	42 SF.
611 SF.	
L.F. RIDGE VENT	31
AREA OF VENTILATION PROVIDED	372 SF.
TOTAL AREA OF ROOF VENTILATION	1428 SF.

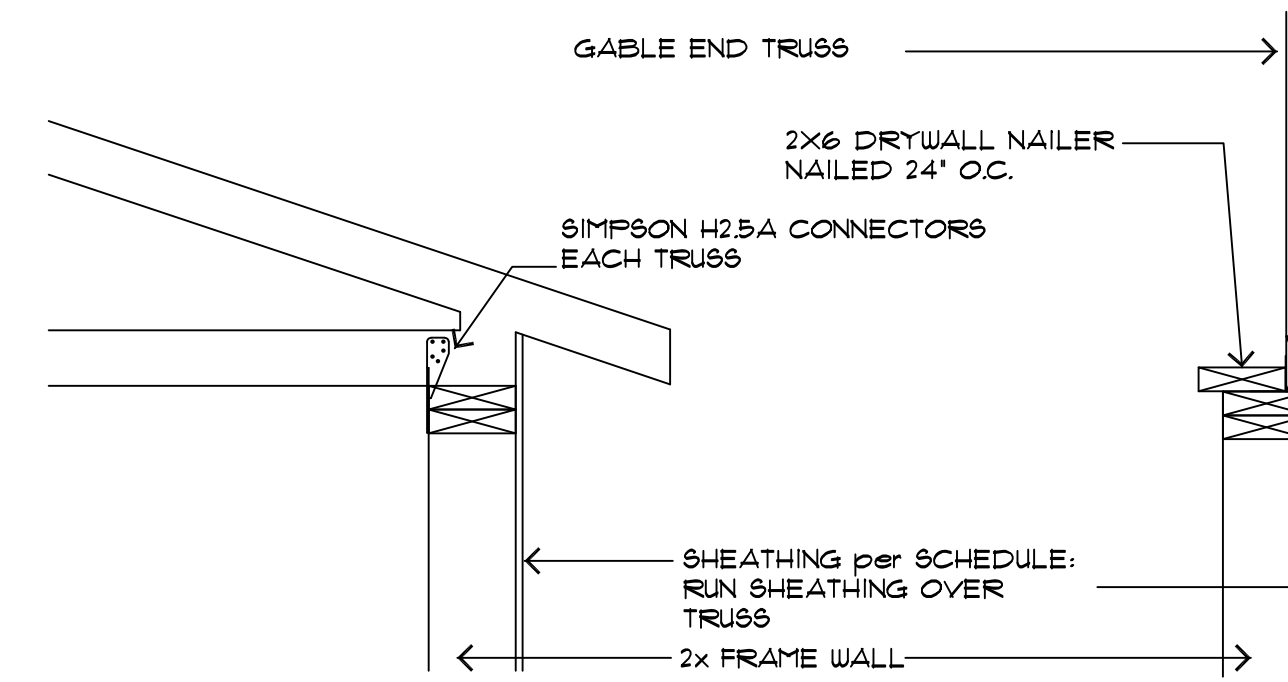
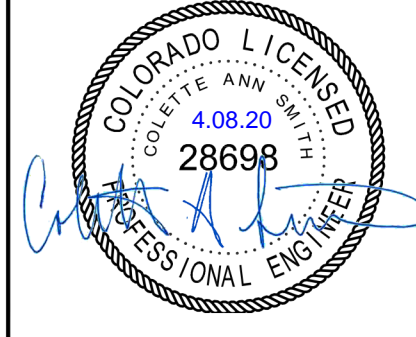
ASSEMBLY NOTES:	
A	ROOF:
B	FASCIA/SOFFIT:
C	EXTERIOR WALL:
D	EXTERIOR WALL BALLOON FRAME:
E	FRAMED FLOOR SYSTEM:
F	EXTERIOR DECK SYSTEM:
G	RAILING SYSTEM:
H	STAIRS:
I	FOUNDATION WALL:
J	SLAB ON GRADE:
K	PERIMETER DRAIN SYSTEM:

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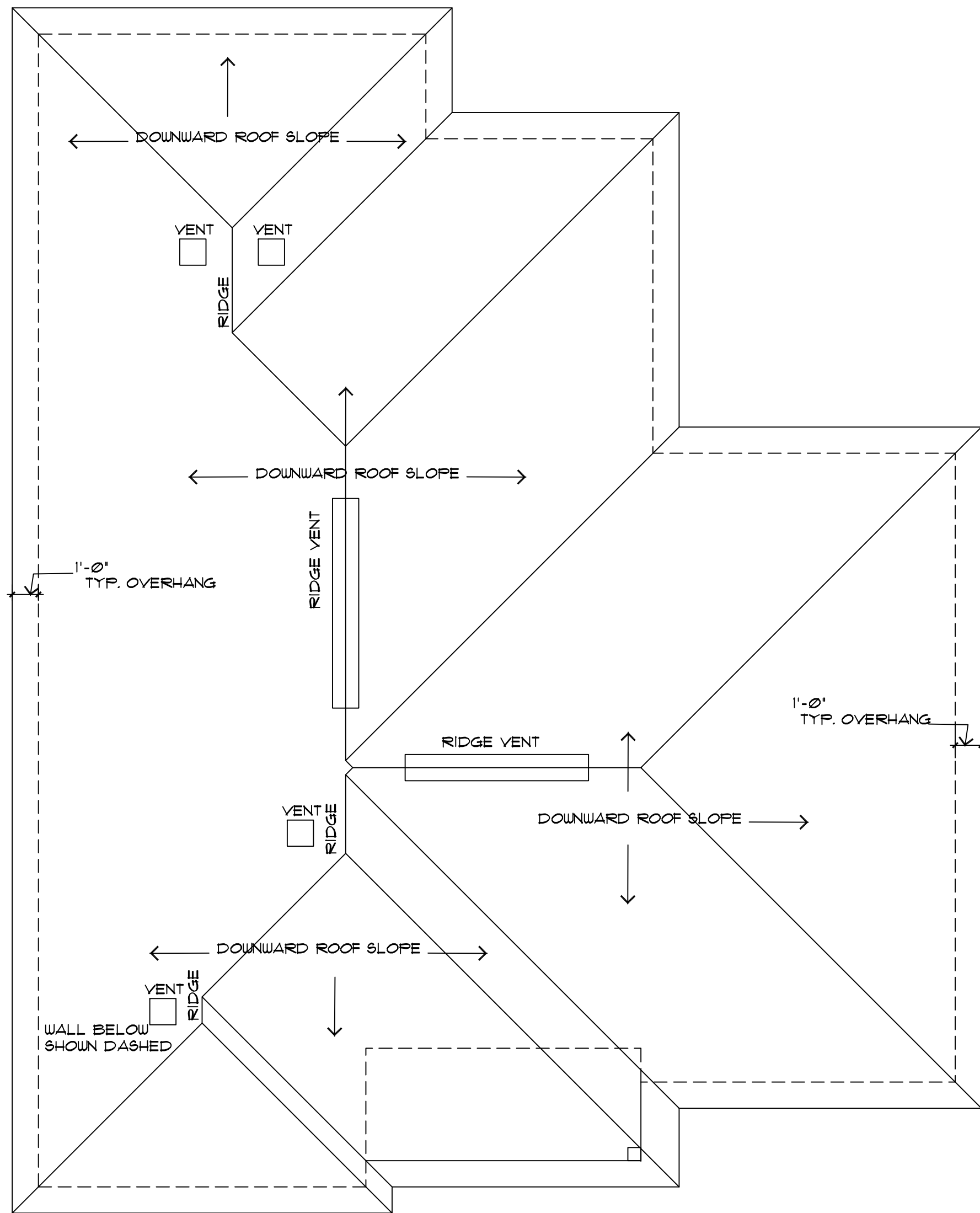
TRUSS NOTE:
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Structural Review
 by Rocky Mountain Group

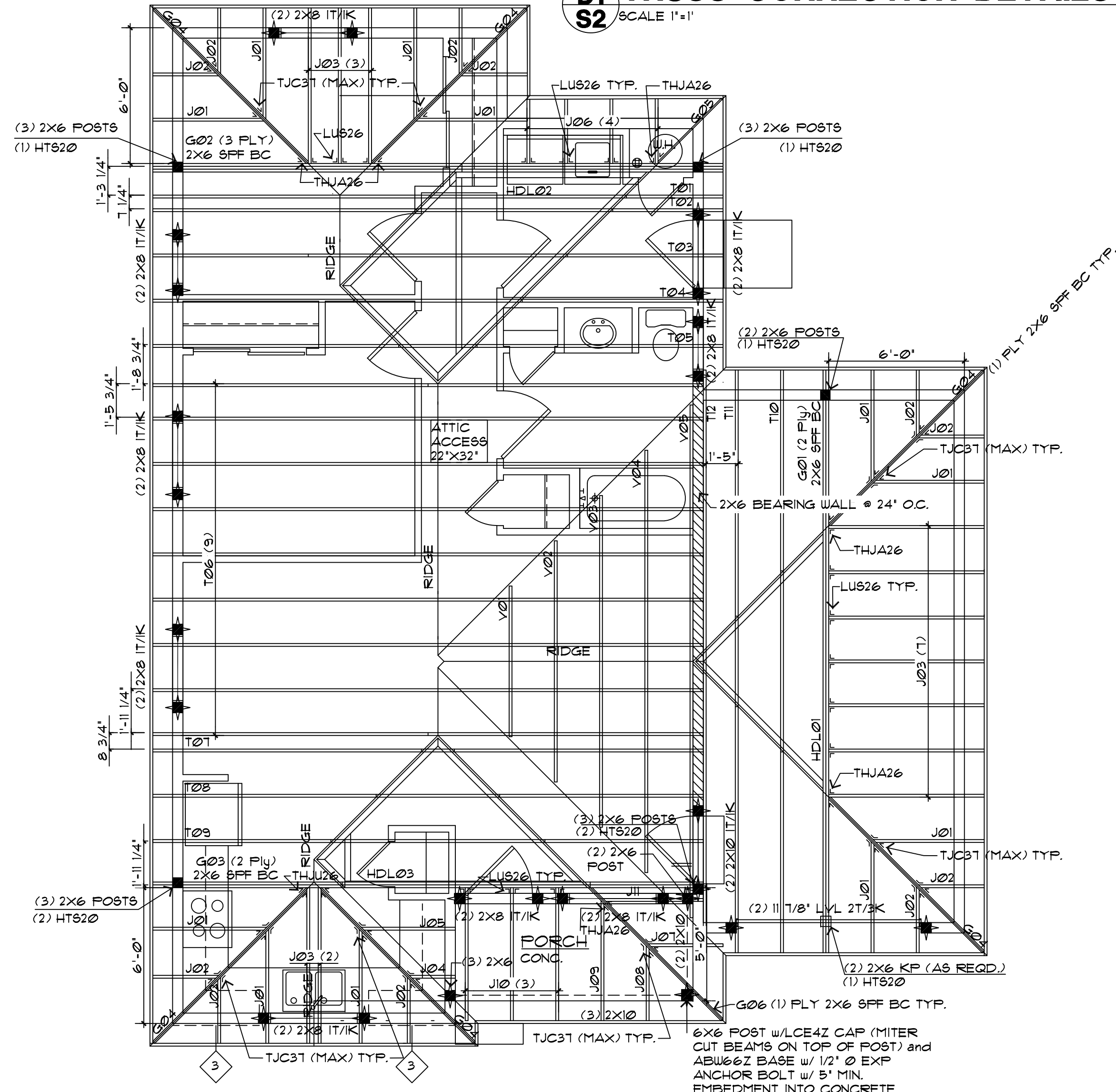
FOR STRUCTURAL ONLY TRUSSES BY OTHERS



D1 TRUSS CONNECTION DETAILS
 S2 SCALE 1"=1'



1 ROOF PLAN - PLAN B
 S2 SCALE 1/4"=1'



2 ROOF FRAME PLAN - PLAN B
 S2 SCALE 1/4"=1'

GENERAL FRAME NOTES:

- NOTE: THIS TRUSS LAYOUT IS INTENDED FOR GENERAL LAYOUT USAGE. ACTUAL LAYOUT FOR TRUSSES & THEIR LABELS SHALL BE PROVIDED BY A TRUSS SUPPLIER. ALL ENGINEERING FOR BEAMS, HEADERS, & STRUCTURAL MATERIALS SHALL BE DESIGNED BY A COLORADO PROFESSIONAL ENGINEER. ALL MATERIALS AS NOTED SHALL BE REVIEWED BY AN ENGINEER AND SHALL BE EDITED AS NECESSARY.
- UNLESS OTHERWISE NOTED: ALL TRUSSES ARE @ 24' O.C.
- PROVIDE 1-42.5T CLIP PER PLY @ EACH TRUSS OR RAFTER BEARING POINT @ EACH END OF TRUSS OR RAFTER NOT UTILIZING OTHER ANCHORS U.N.O.
- UNLESS OTHERWISE NOTED: ROOF OVERHANGS: AT EAVES 12" AT GABLES 12"
- NOT USED
- ALL ROOF PITCHES TO BE AS NOTED ON FLOOR PLANS.

NOTE: WHEN POST SYMBOL OCCURS ON THE PLANS WITH NO SPECIFIC DESIGNATION STATED THEN POST SYMBOL SHALL REPRESENT A MIN. OF (2)-2X STUDS THE SIZE OF WALL THEY ARE TO BE INSTALLED IN.

LOAD INFORMATION

WIND LOAD: 130 MPH (ULTIMATE) EXPOSURE 'C'

ROOF LOADS: LIVE LOAD = 30[#] PSF
 DEAD LOAD = 15[#] PSF

FLOOR LOADS: LIVE LOAD = 40[#] PSF
 DEAD LOAD = 10[#] PSF

SPECIFIC FRAME NOTES:

93] NOT USED

94] SOLID BLOCKING AS REQ'D BY CODE

95] NOT USED

96] 2x LOAD BEARING WALL SEE FRAME NOTE HATCH SYMBOLS FOR SPECIFIC INFORMATION ON LOCATION OF BEARING WALL

97] NOT USED

98] NOT USED

99] NOT USED

100] NOT USED

101] NOT USED

102] NOT USED

103] NOT USED

NOTE: FOR OTHER APPLICABLE KEYNOTES, SYMBOLS, & HATCHES SEE GENERAL NOTE SHEET 'CS' FOR KEYNOTES AND CORRESPONDING ASSEMBLY NOTES.

FRAME NOTE SYMBOLS:

ALL OVERBUILD SHALL BE VALLEY SET TRUSSES AS SHOWN.

BEARING WALL

ASSEMBLY NOTES:

A	ROOF:
B	FASCIA/SOFFIT:
C	EXTERIOR WALL:
D	EXTERIOR WALL BALLOON FRAME:
E	FRAMED FLOOR SYSTEM:
F	EXTERIOR DECK SYSTEM:
G	RAILING SYSTEM:
H	STAIRS:
I	FOUNDATION WALL:
J	SLAB ON GRADE:
K	PERIMETER DRAIN SYSTEM:

ALL ASSEMBLIES AND GENERAL NOTES REFER TO SHEET 'CS' AND SPECIFICATIONS SHEET 'S1'

3 SHEAR WALL SCHEDULE

SHEAR WALL AS REQUIRED PER PLAN	FOUNDATION ANCHOR/ BILL PLATE NAILING
3] 1/2" OR 1/6" APA RATED SHEATHING w/8d NAILS @ 6" O.C. EDGE AND BOUNDARY NAILING	EXTERIOR/INTERIOR: 1/2" @ 48" O.C. / 16d NAILS @ 8" O.C.

ATTIC VENTILATION REQUIREMENTS

	1212 SF.
AREA OF ROOF	42 SF.
REQUIRED VENTILATION (AREA/300)	611 SF.
REQUIRED SOFFIT VENT AREA	306 SF.
L.F. VENTED SOFFIT	88
AREA OF VENTILATION PROVIDED	808 SF.
REQUIRED ROOF VENT AREA	611 SF.
L.F. RIDGE VENT	15
AREA OF VENTILATION PROVIDED	180 SF.
9 INCH DIAMETER ROOF VENT	4
AREA OF VENTILATION PROVIDED	200 SF.
TOTAL AREA OF VENTILATION PROVIDED	380 SF.
TOTAL AREA OF ROOF VENTILATION	1260 SF.

SP Designs

REVISIONS

SP DESIGNS, LTD.
 COLORADO SPRINGS, CO. 80918
 719.459.6209

Pikes Peak Habitat for Humanity

CONTRACTOR: PIKES PEAK HABITAT FOR HUMANITY
 2802 N. PROSPECT ST.
 COLORADO SPRINGS, CO. 80907
 719.475.7800

PROJECT: 2 BEDROOM, 1 STORY
 ALEC MODEL
 COMPUTER FILE # 1001

DRAWN BY: SB
 CHECKED BY: SP DESIGNS
 HIP ROOF PLAN
 HIP ROOF FRAME

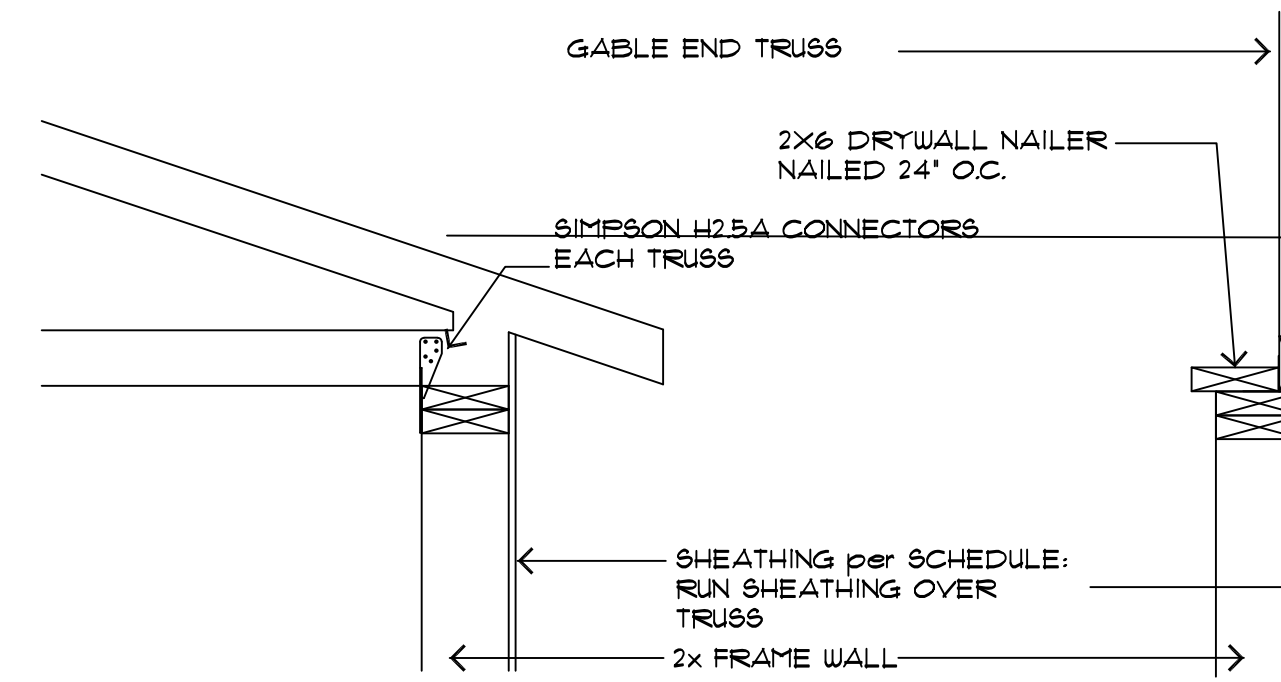
S3
 of 4 SHEETS

TRUSS NOTE:
Premanufactured truss details provided to RMG have only been checked for general conformance to framing system. Dimensions and completeness of truss detail package have not been verified. Changes to truss layout/detail shall be reviewed by RMG.

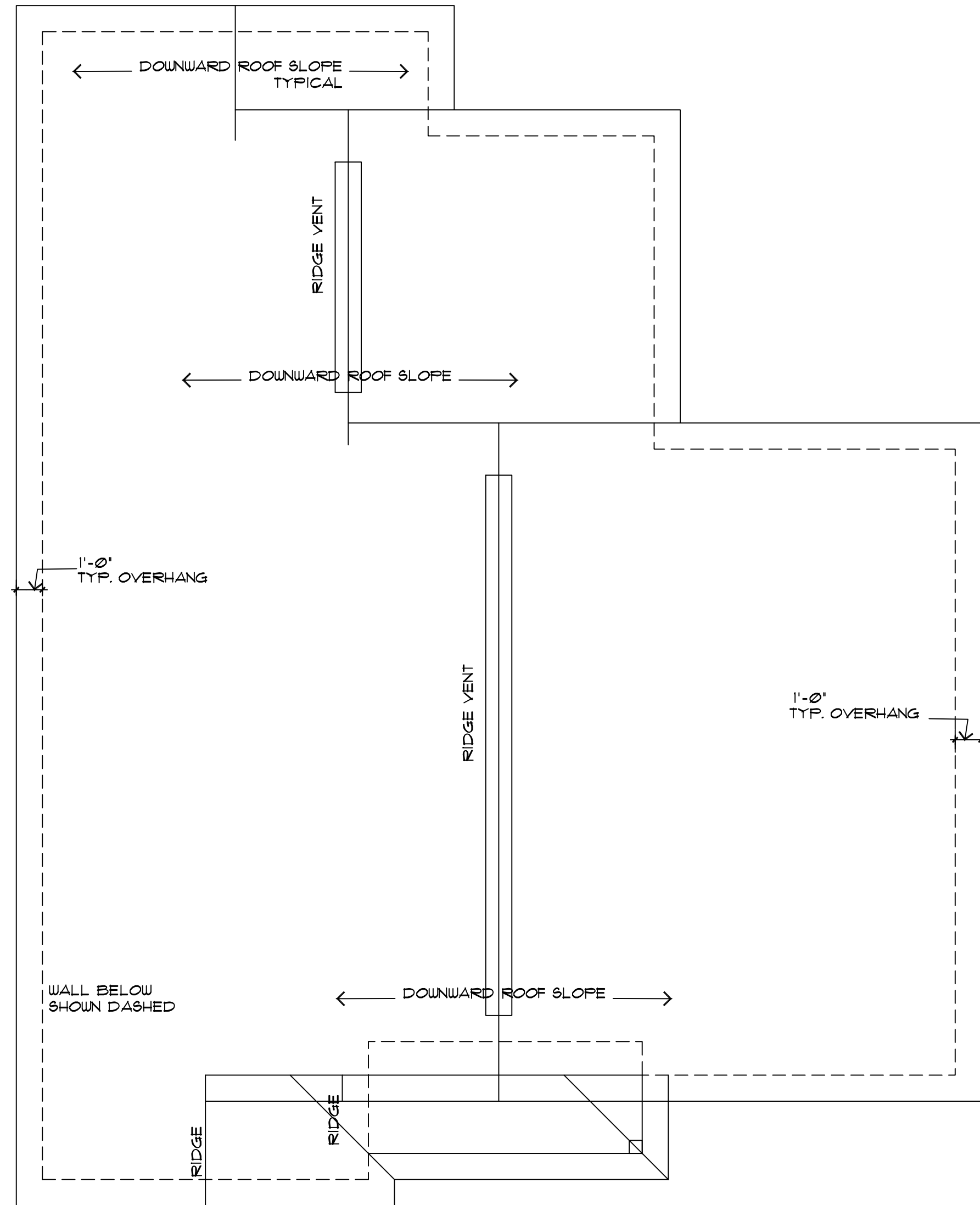
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PROFESSIONAL ENGINEER

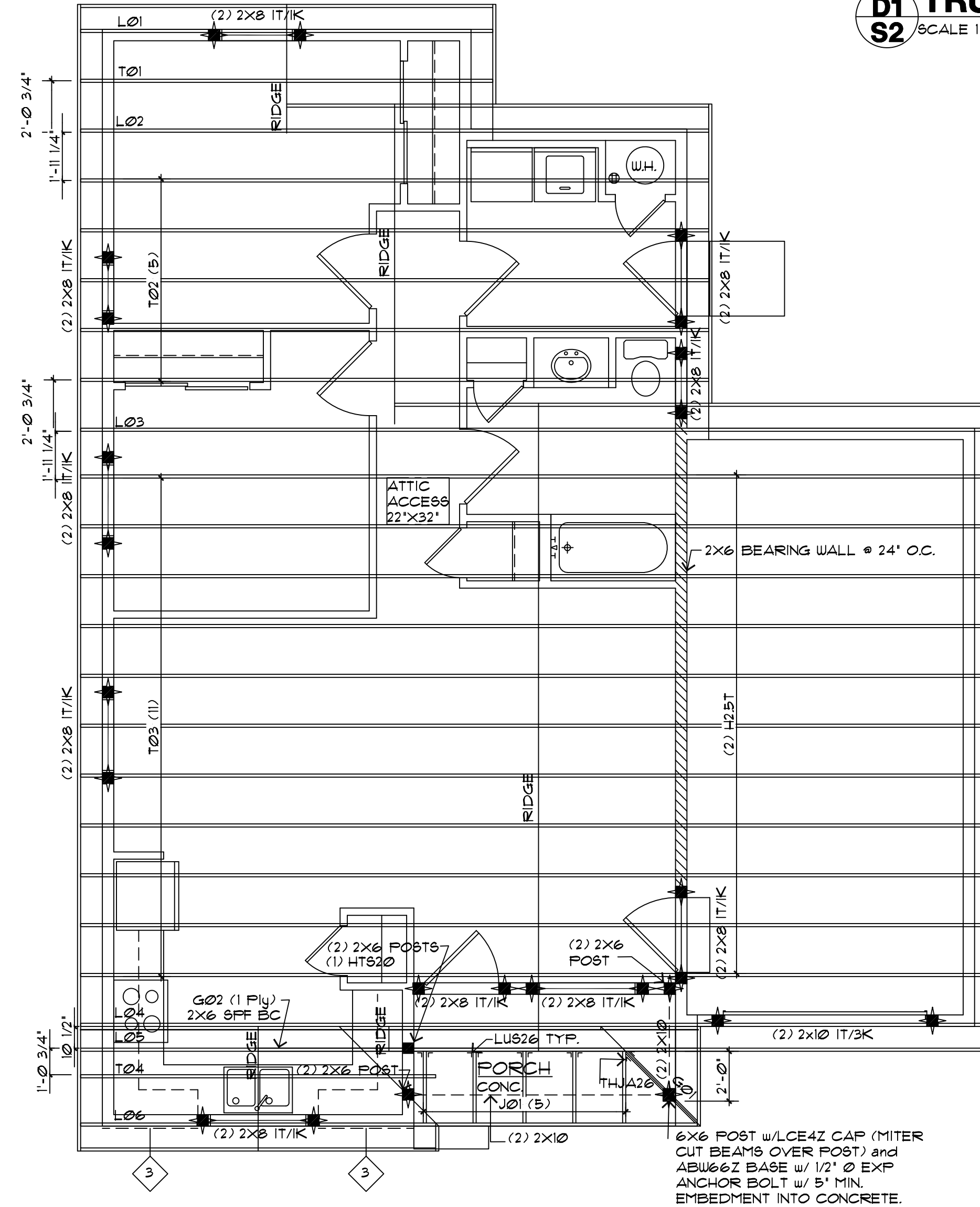
FOR STRUCTURAL ONLY TRUSSES BY OTHERS



D1 TRUSS CONNECTION DETAILS
SCALE 1"=1'



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SCALE 1/4"=1'



2 ROOF FRAME PLAN - PLAN C
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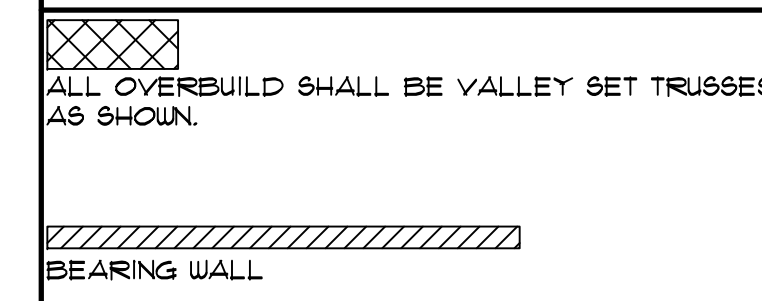
FLOOR LOADS: LIVE LOAD = 40# PSF
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FRAME NOTE SYMBOLS:



ASSEMBLY NOTES:

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ALL ASSEMBLIES AND GENERAL NOTES REFER TO SHEET 'CS' AND SPECIFICATIONS SHEET 'S1'

SHEAR WALL SCHEDULE		ATTIC VENTILATION REQUIREMENTS	
SHEAR WALL AS REQUIRED PER PLAN	FOUNDATION ANCHOR/ SILL PLATE NAILING	AREA OF ROOF	1272 SF.
3 1/2" OR 1/16" APA RATED SHEATHING w/8d NAILS @ 6" O.C. EDGE AND BOUNDARY NAILING	EXTERIOR/INTERIOR: 1/2" Ø ANCH. @ 48" O.C./ 16d NAILS @ 8" O.C.	REQUIRED VENTILATION (AREA/300)	42 SF.
		REQUIRED SOFFIT VENT AREA	21 SF.
		REQUIRED SOFFIT VENT AREA	306 SF.
		L.F. VENTED SOFFIT	88
		AREA OF VENTILATION PROVIDED	800 SF.
		REQUIRED ROOF VENT AREA	42 SF.
		L.F. RIDGE VENT	20
		AREA OF VENTILATION PROVIDED	240 SF.
		3 INCH DIAMETER ROOF VENT	3
		AREA OF VENTILATION PROVIDED	150 SF.
		TOTAL AREA OF VENTILATION PROVIDED	390 SF.
		TOTAL AREA OF ROOF VENTILATION	1270 SF.

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PROJECT: 2 BEDROOM, 1 STORY
ALEC MODEL
COMPUTER FILE # 1001

DRAWN BY: SB
CHECKED BY: SP DESIGNS
DUTCH GABLE ROOF PLAN
DUTCH GABLE ROOF FRAME

S4
of 4 SHEETS