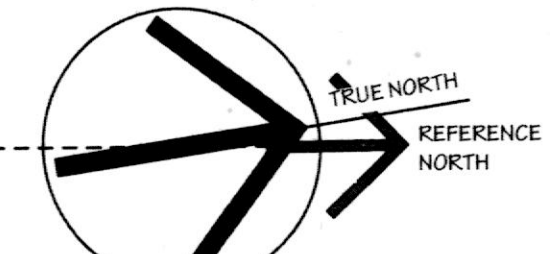


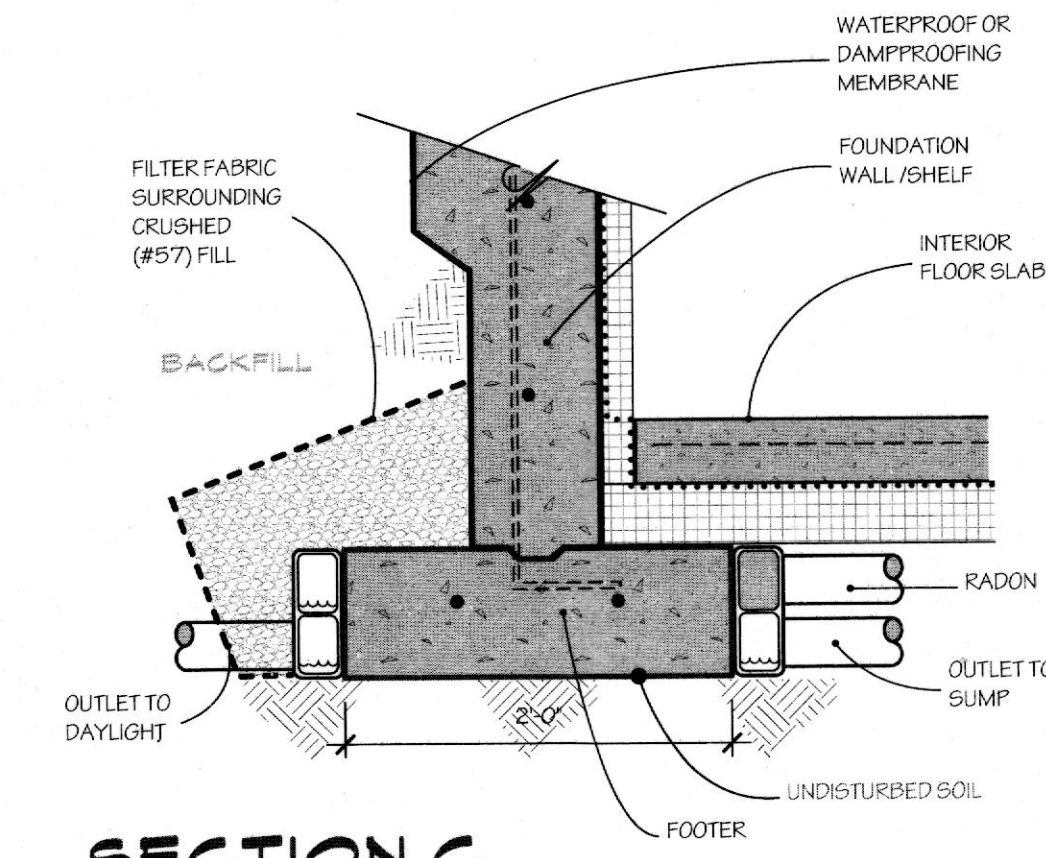
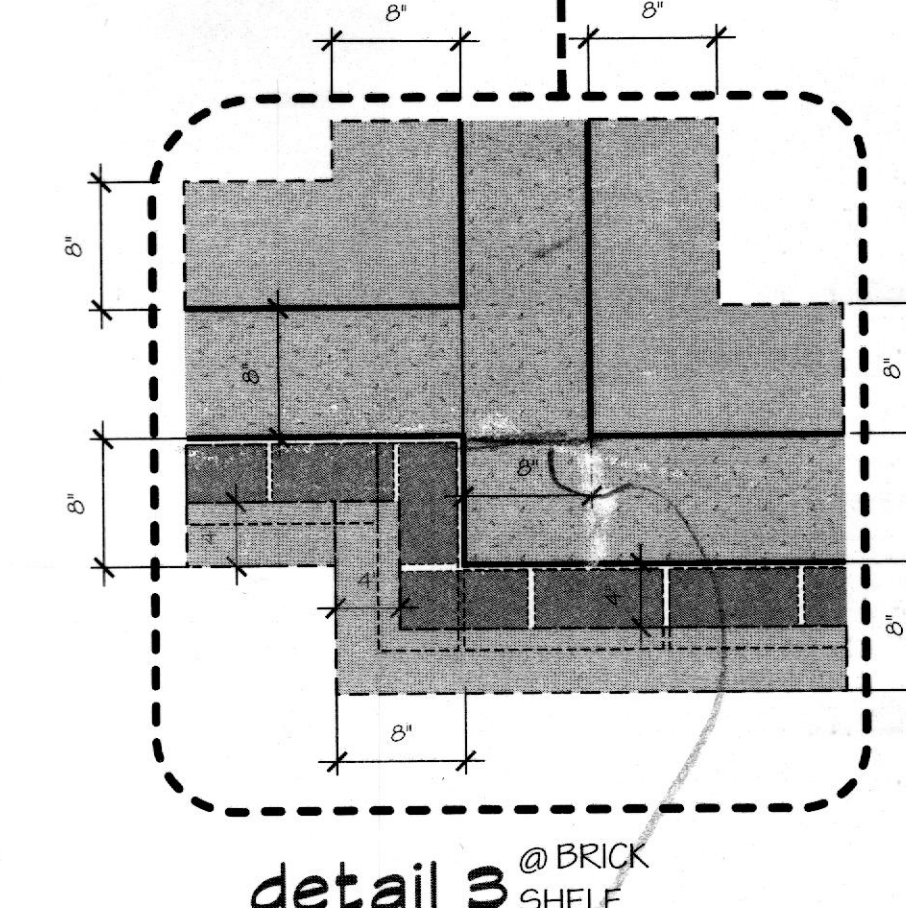
**CABIN 1
FOUNDATION/FOOTER LAYOUT**

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

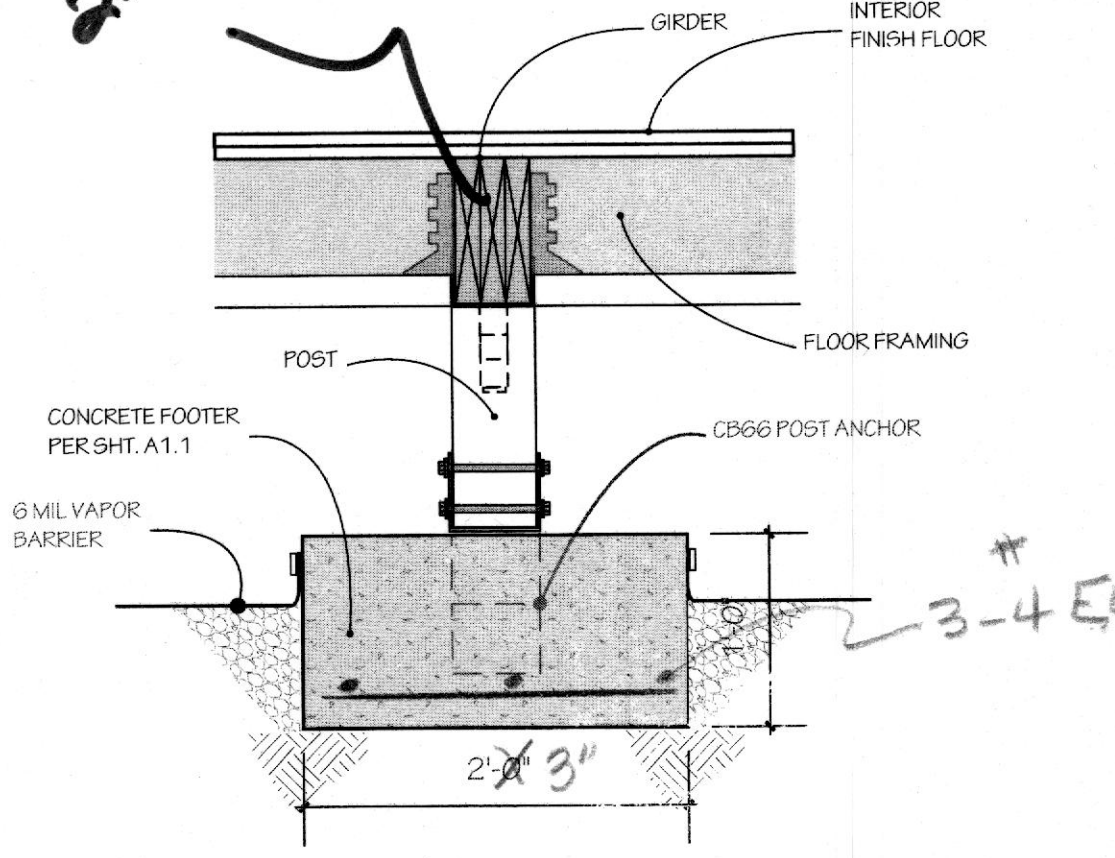


FOUNDATION NOTES

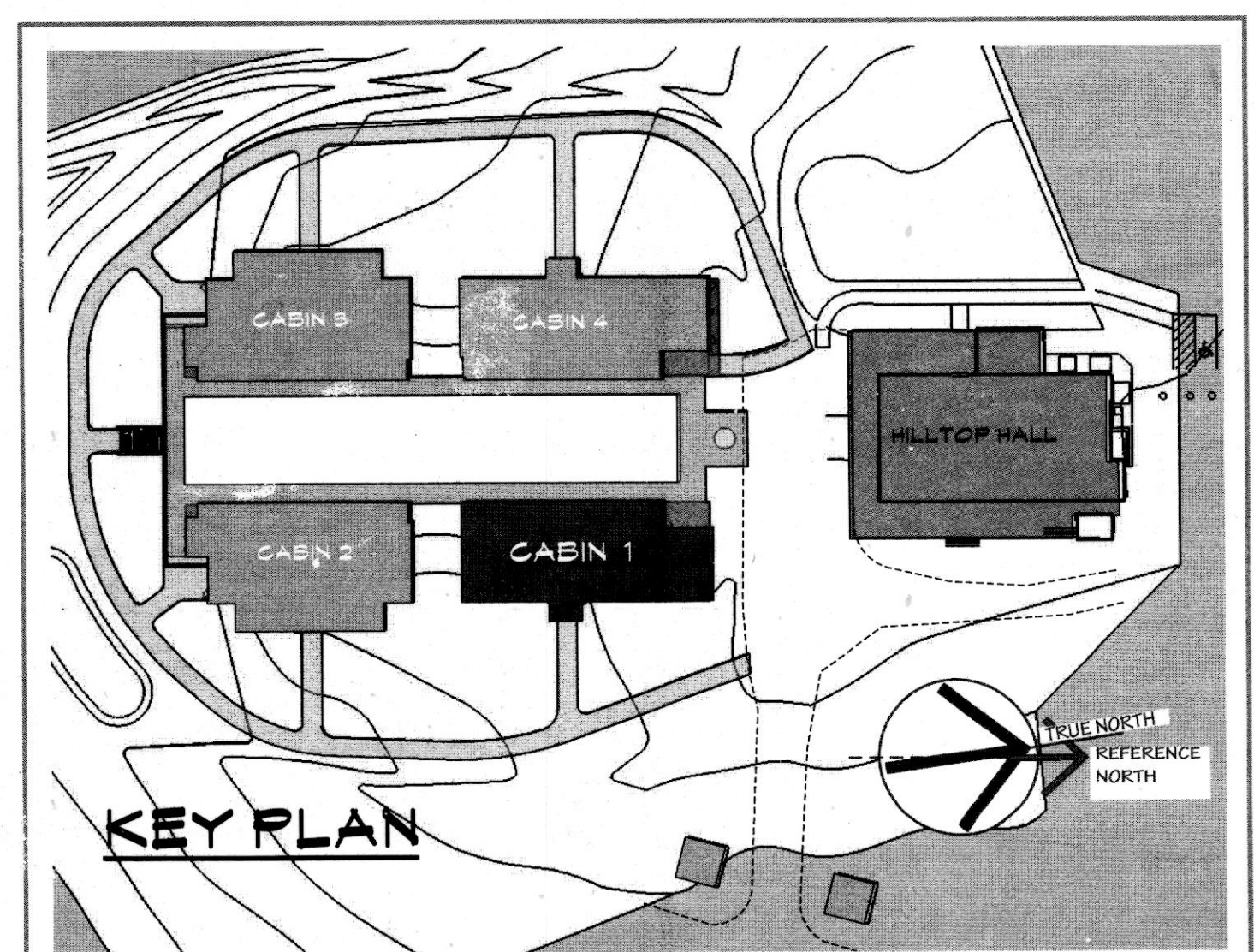
1. ALL CONCRETE SHALL DEVELOP 3000 PSI STRENGTH IN 28 DAYS WITH A MAXIMUM 4" SLUMP.
2. ALL BACKFILL & SOIL BELOW CONCRETE SHALL BE UNDISTURBED OR COMPACTED TO 2000 PSI (MINIMUM).
3. ALL C.M.U. FOUNDATION WALLS SHALL BE REINFORCED WITH DURAWALL EVERY OTHER COURSE.
4. PROVIDE PRESSURE-TREATED LUMBER & GALVANIZED FLASHING TO SEPARATE WOOD JOIST OR WOOD FRAMING FROM CONCRETE OR C.M.U. AT ALL LOCATIONS. INCLUDE GILL SEALER.
5. ALL CONCRETE WORK SHALL CONFORM TO THE LATEST APPROVED (BY LOCAL GOVERNMENT) EDITIONS OF THE FOLLOWING A.C.I. AND A.S.T.M. ACI-301 (SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS ACI-318 BUILDING CODE FOR REINFORCED CONCRETE).
6. ALL CONCRETE EXCEPT AS NOTED, SHALL BE (3000 PSI) STONE AGGREGATE CONCRETE AT 28 DAYS. ALL CONCRETE EXPOSED TO THE WEATHER SHALL BE AIR ENTRAINED.
7. SLABS ON GROUND SHALL BE 4" THICK CONCRETE REINFORCED WITH 6"x6" W-4XW-4 WWF OVER 6 MIL POLYETHYLENE VAPOR BARRIER AND 4" WASHED GRAVEL UNLESS OTHERWISE NOTED.
8. ALL MASONRY CONSTRUCTION AND MATERIALS USED THEREIN (CONCRETE MASONRY, CLAY MASONRY, MORTAR, GROUT AND STEEL REINFORCEMENT) SHALL CONFORM TO BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES' (ACI 530-92/ASCE 5-92/TMS 402-92) AND 'SPECIFICATIONS FOR MASONRY STRUCTURES' (ACI 530.1-92/ASCE 6-92/TMS 602-92) IN ALL RESPECTS.
9. MASONRY BEARING WALLS SHALL CONSIST OF STANDARD HOLLOW UNITS CONFORMING TO ASTM C 90 UNLESS OTHERWISE NOTED. WHERE SOLID UNITS ARE REQUIRED, PROVIDE UNITS CONFORMING TO ASTM C 145.
10. ALL MORTAR SHALL CONFORM TO THE REQUIREMENTS FOR PROPORTIONS, MIXING, STRENGTH AND APPLICATION FOR PORTLAND CEMENT/LIME TYPE 'S' MORTAR AS DESCRIBED IN ACI 530-92.
11. ALL MASONRY WALLS SHALL BE REINFORCED WITH NO. 9 GAUGE TRUSS-TYPE GALVANIZED DUR-O-WALL SPACED VERTICALLY AT 16" O.C. (A.P. ALL DUR-O-WALL 6" MINIMUM. PROVIDE CORNER AND TEE PIECES AT LL INTERSECTIONS).
12. ACCESS TO CRAWL SPACE SHALL BE NOT LESS THAN 16"x24".
13. VENTILATION OF THE CRAWL SPACE SHALL BE PROVIDED, ONE OPENING WITHIN 3' OF EACH EXTERIOR CORNER.



**SECTION C
@ ALTERNATE FOUNDATION
DRAINAGE SYSTEM**
SCALE: 1"=1'-0"



**SECTION B
@ INTERIOR FOOTER**
SCALE: 1"=1'-0"



KEY PLAN

FORT ROLLER - CABINS
RIVER VALLEY RANCH
4449 GRAVES RUN ROAD
MANCHESTER, MARYLAND
21102

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Green Leaf consulting group

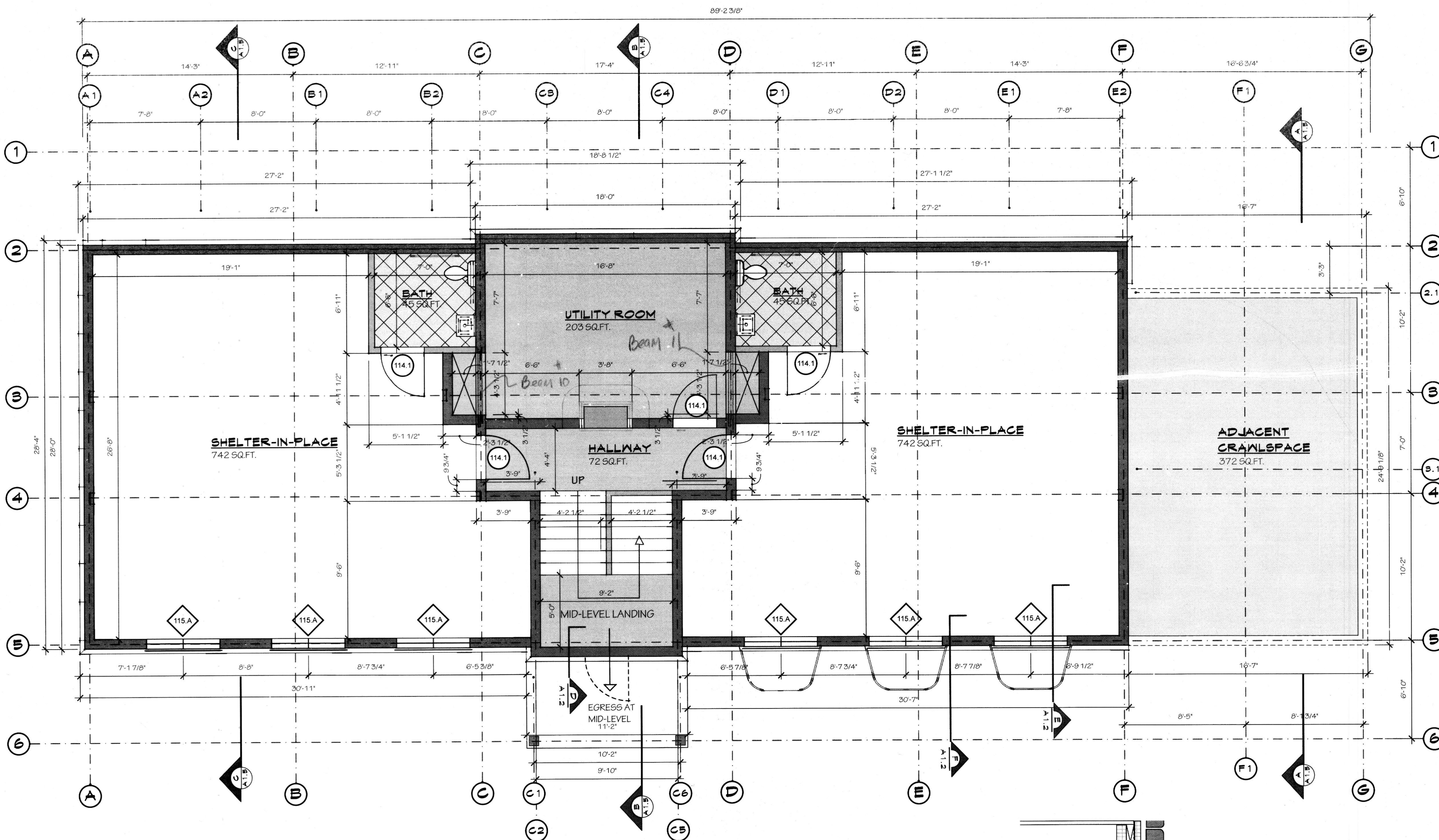
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DATE: 03/13/2017

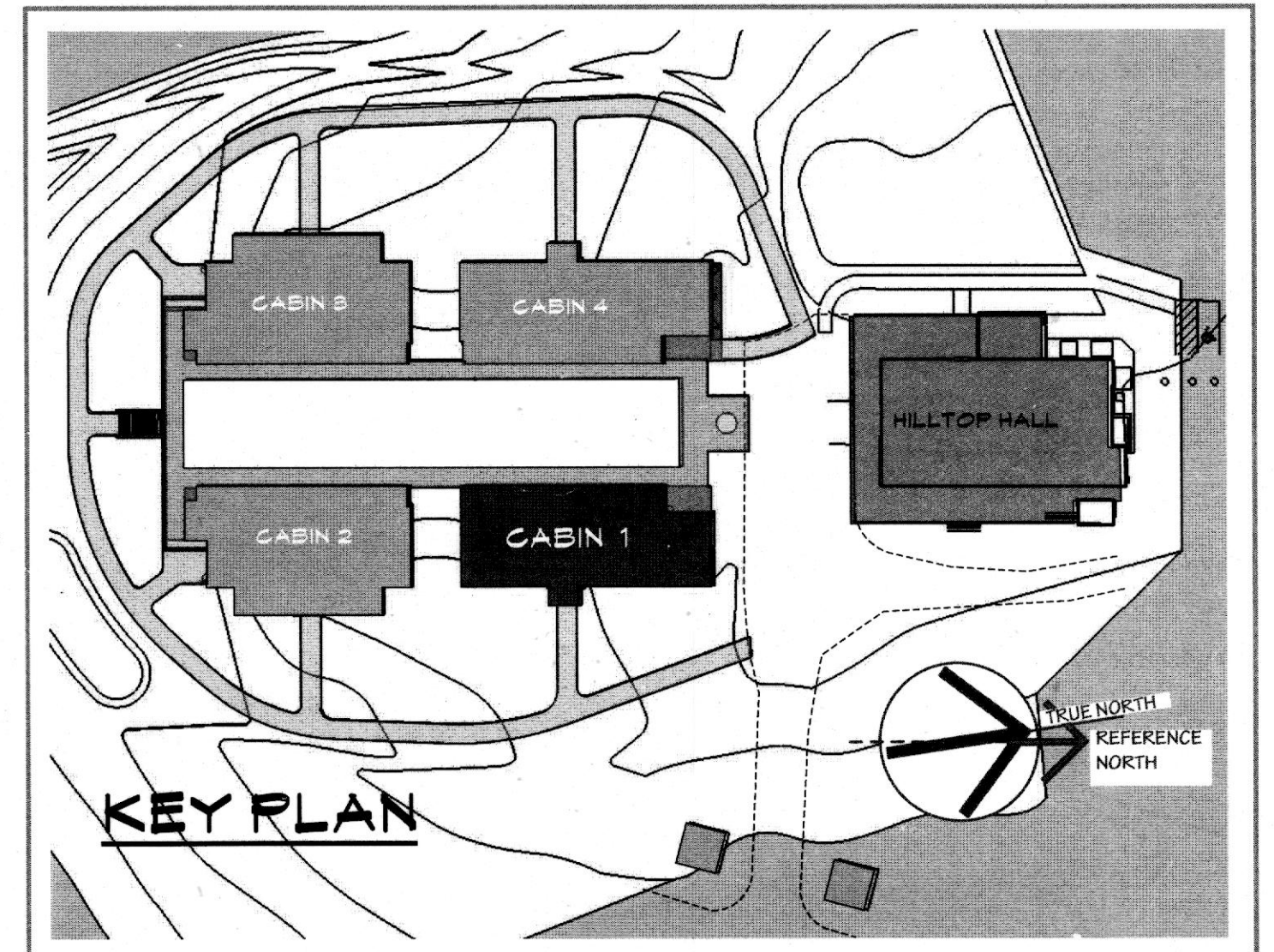
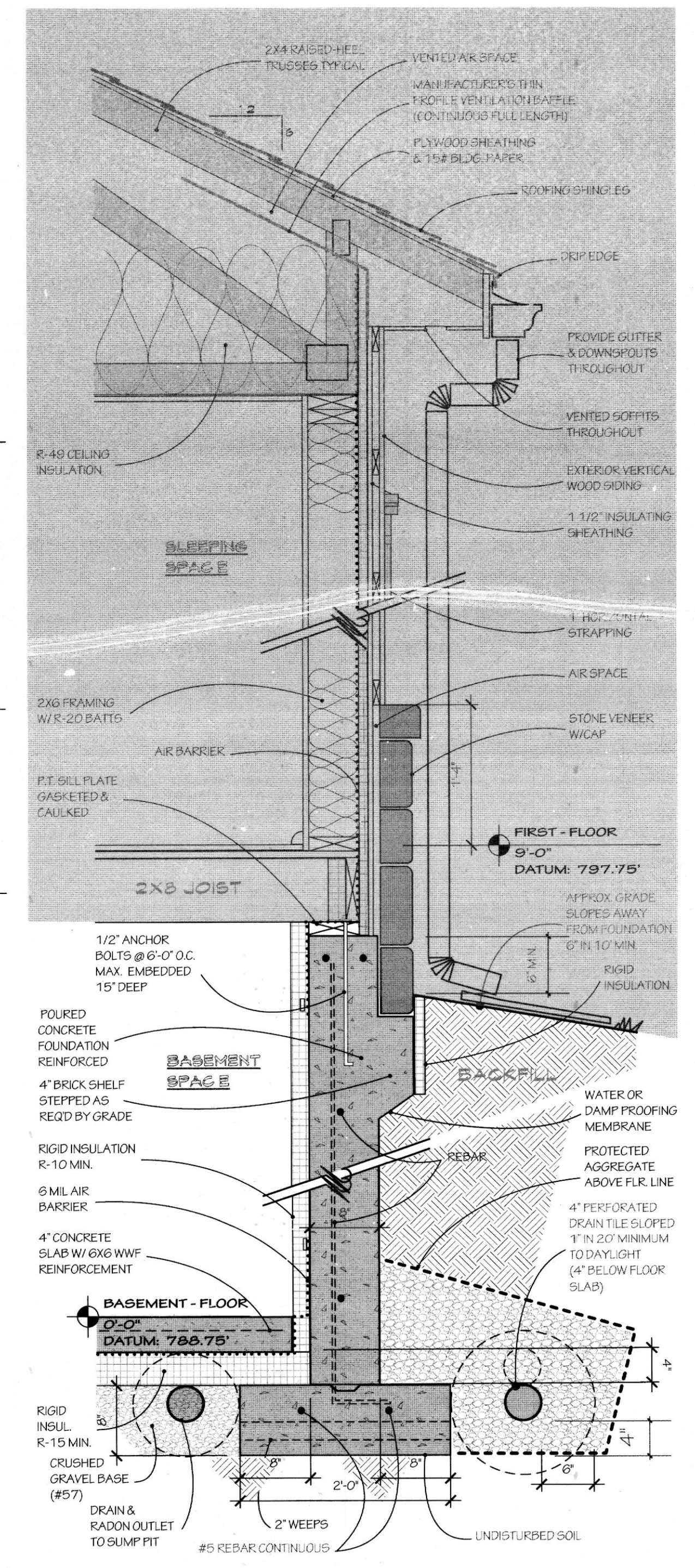
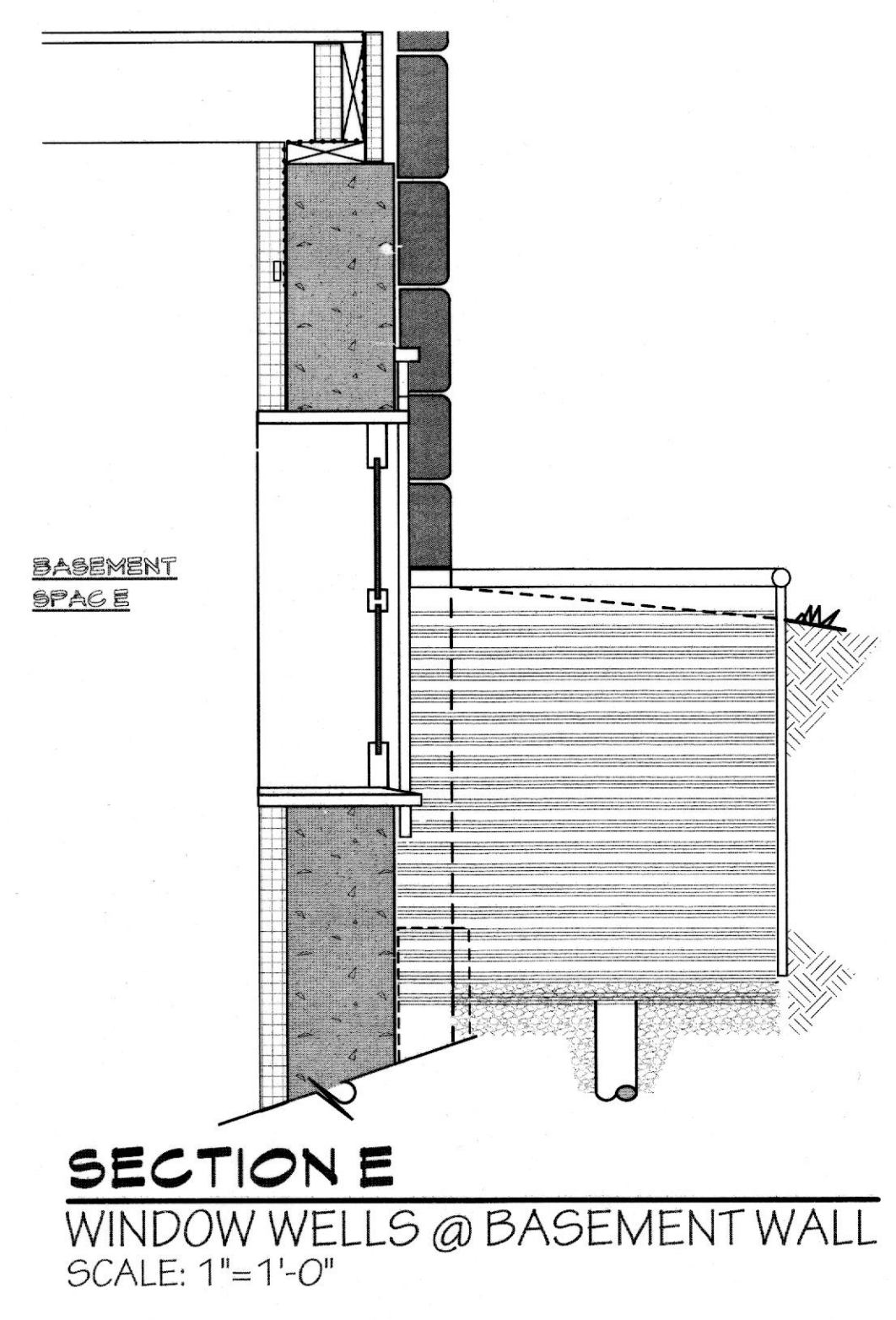
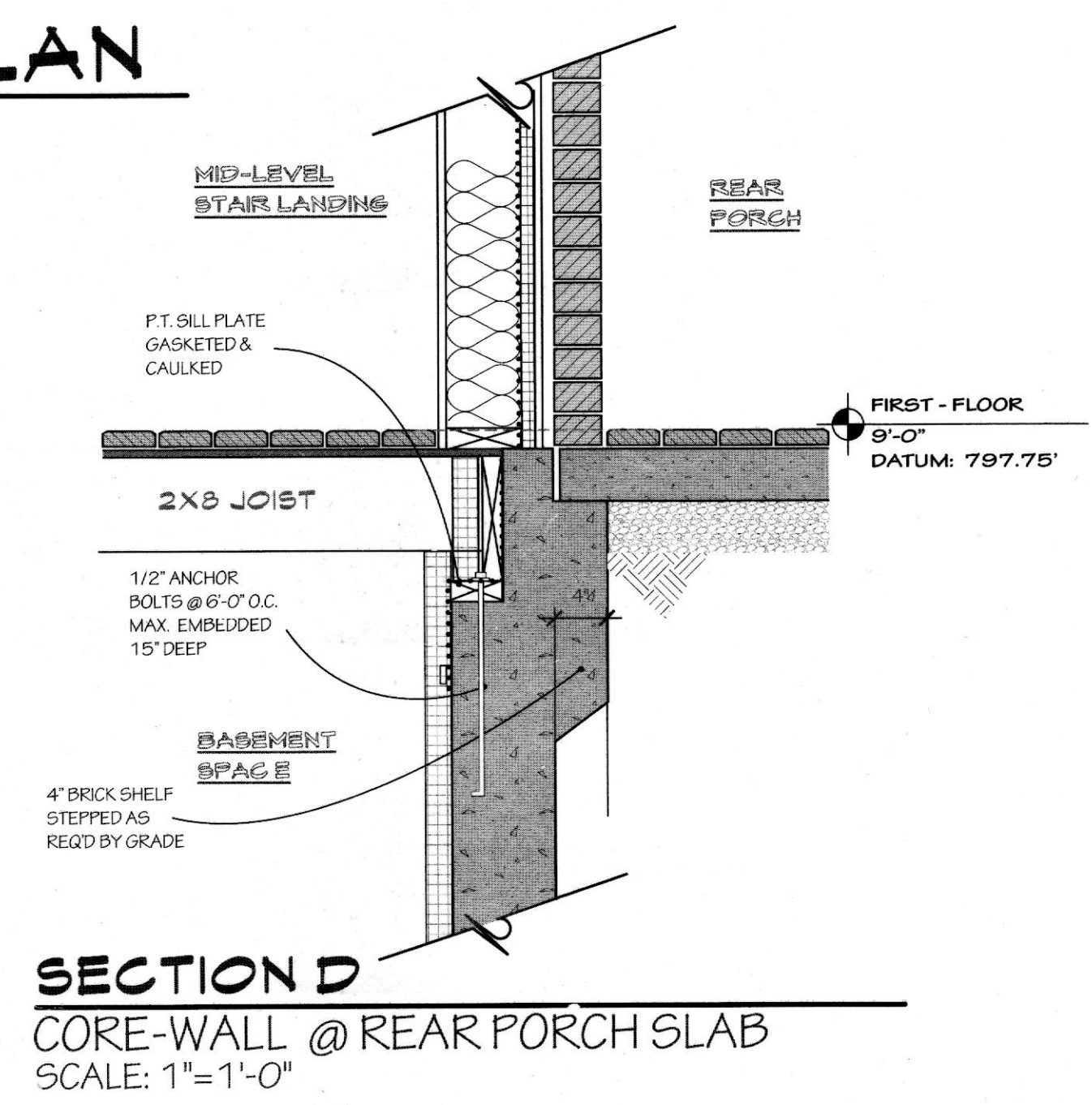
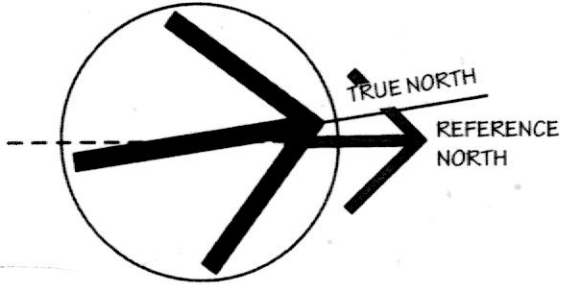
DESIGN DEVELOPMENT SET

**CABIN 1
FOUNDATION**

A 1.1



CABIN 1
BASEMENT LEVEL - FLOOR PLAN
 SCALE: 1/4"=1'-0"



FORT ROLLER - CABINS
 RIVER VALLEY RANCH
 4449 GRAVES RUN ROAD
 MANCHESTER, MARYLAND
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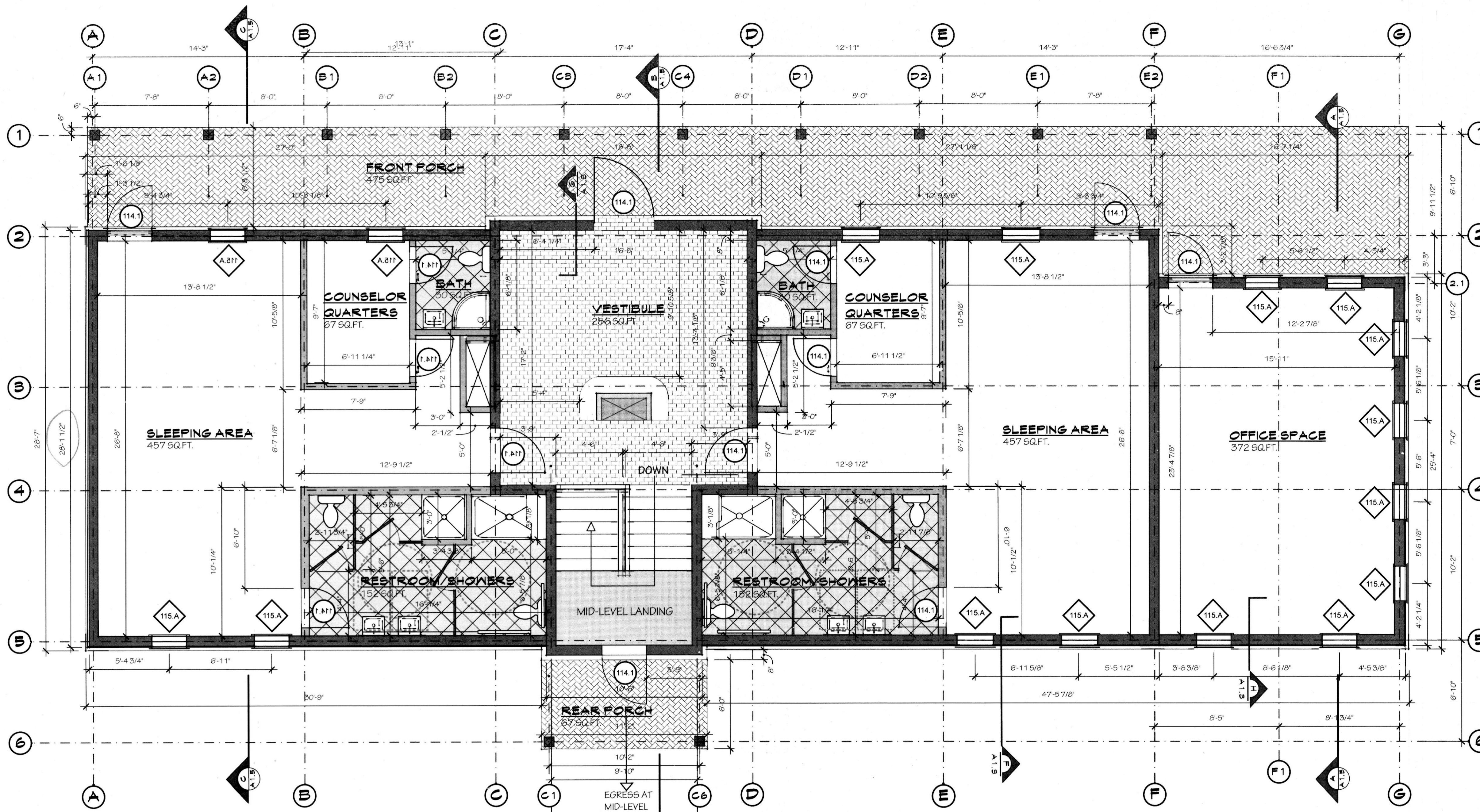


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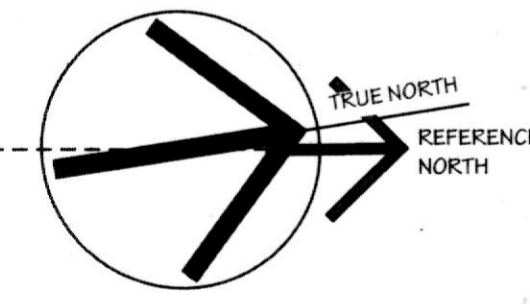
CABIN 1
 BASEMENT PLAN

A1.2

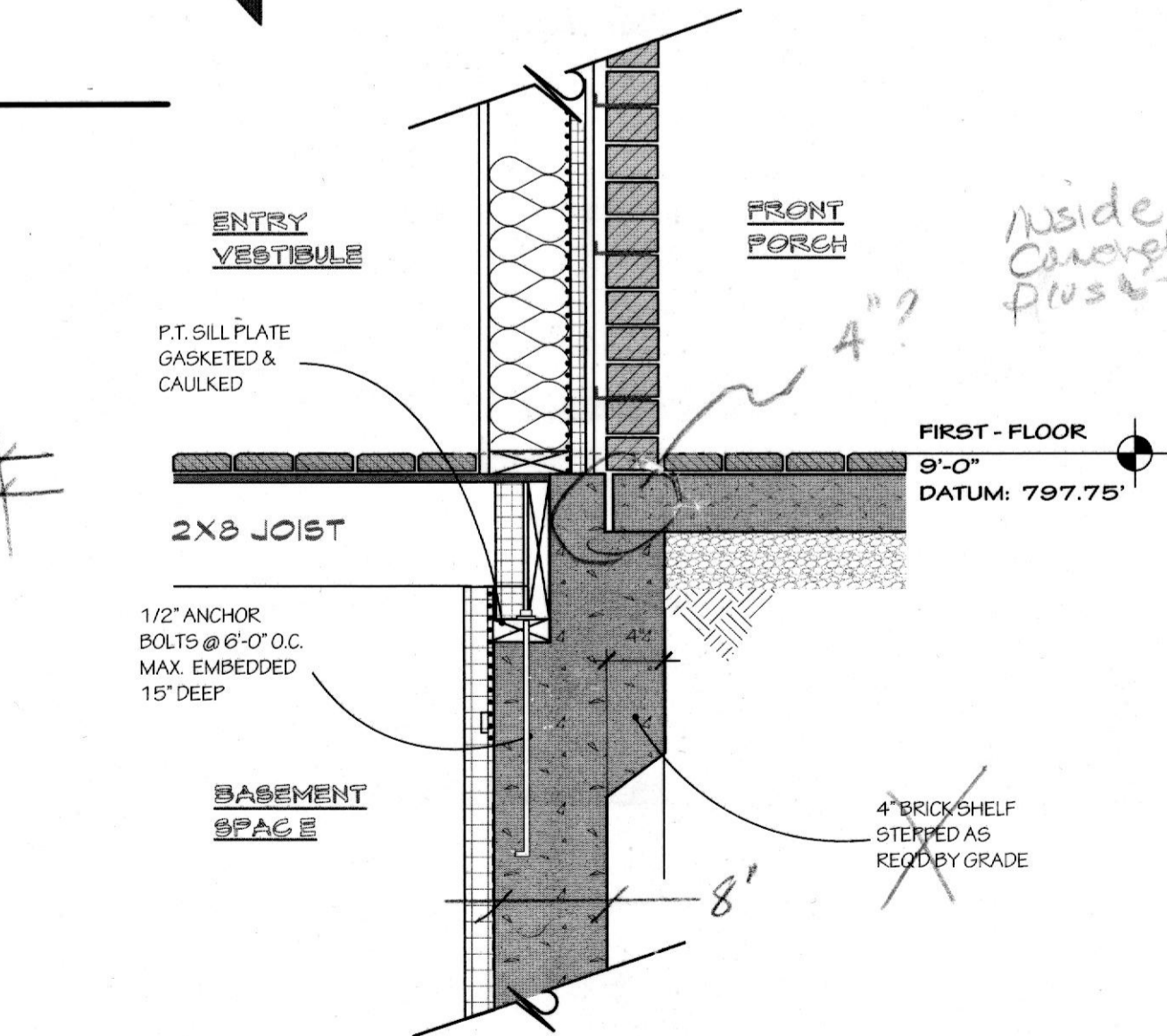


**CABIN 1
FIRST FLOOR PLAN**

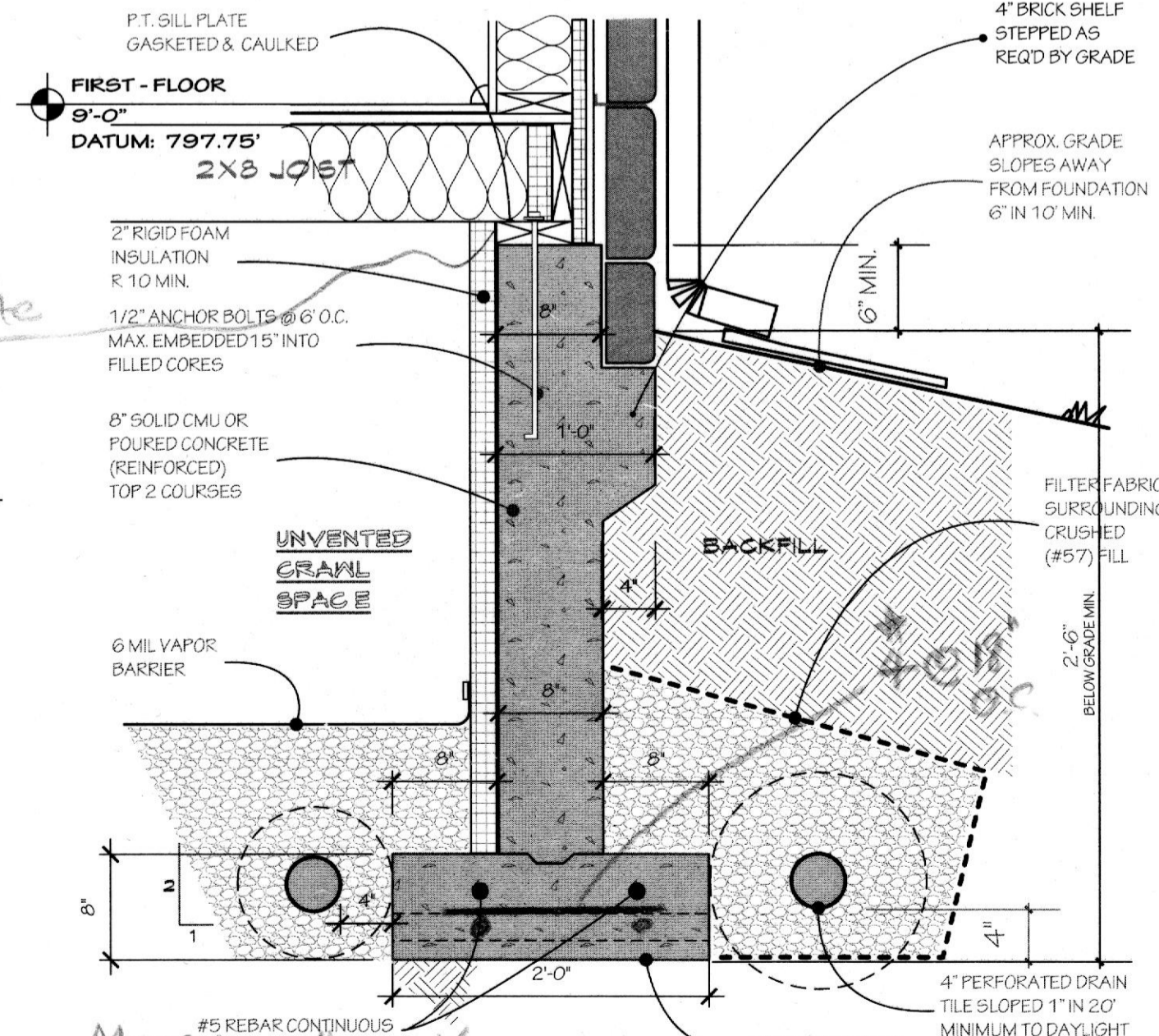
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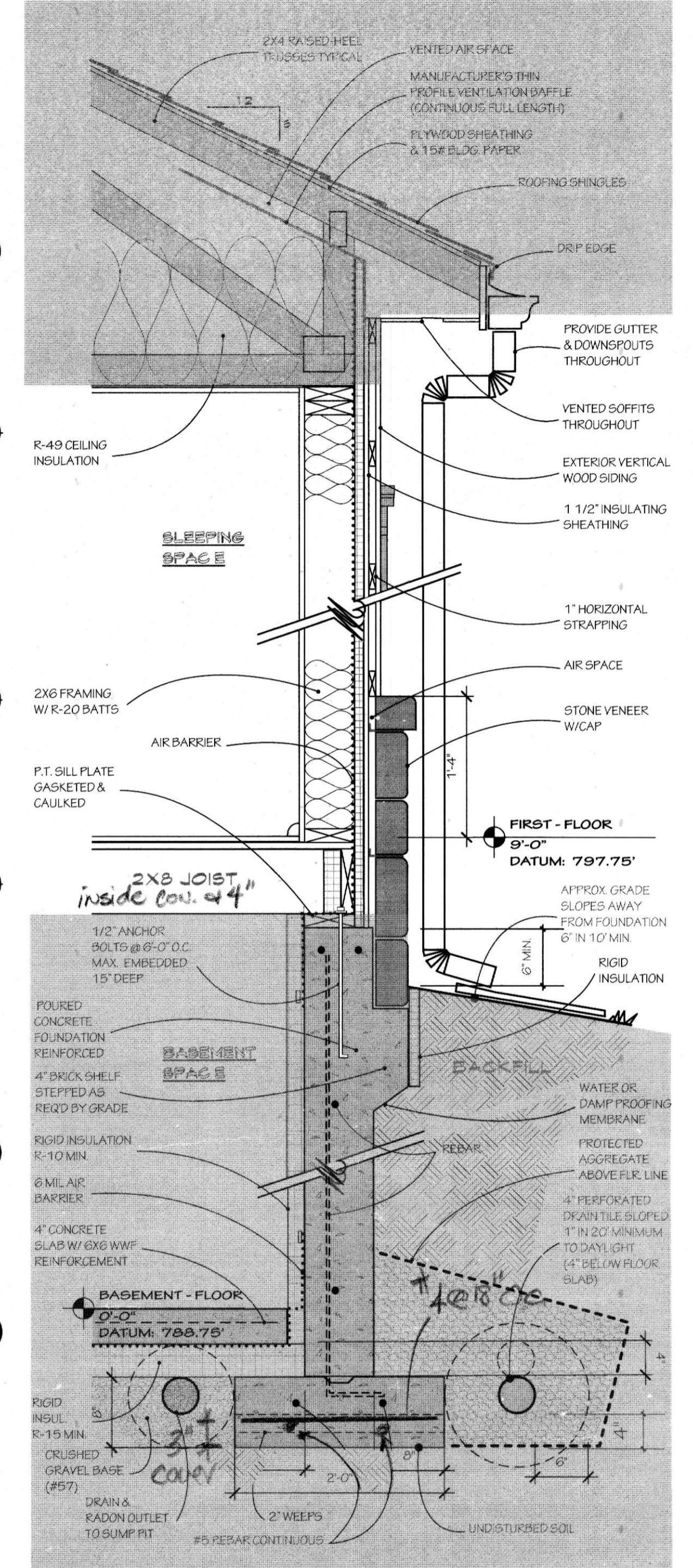
*1/2" pavers
1" Mortar*



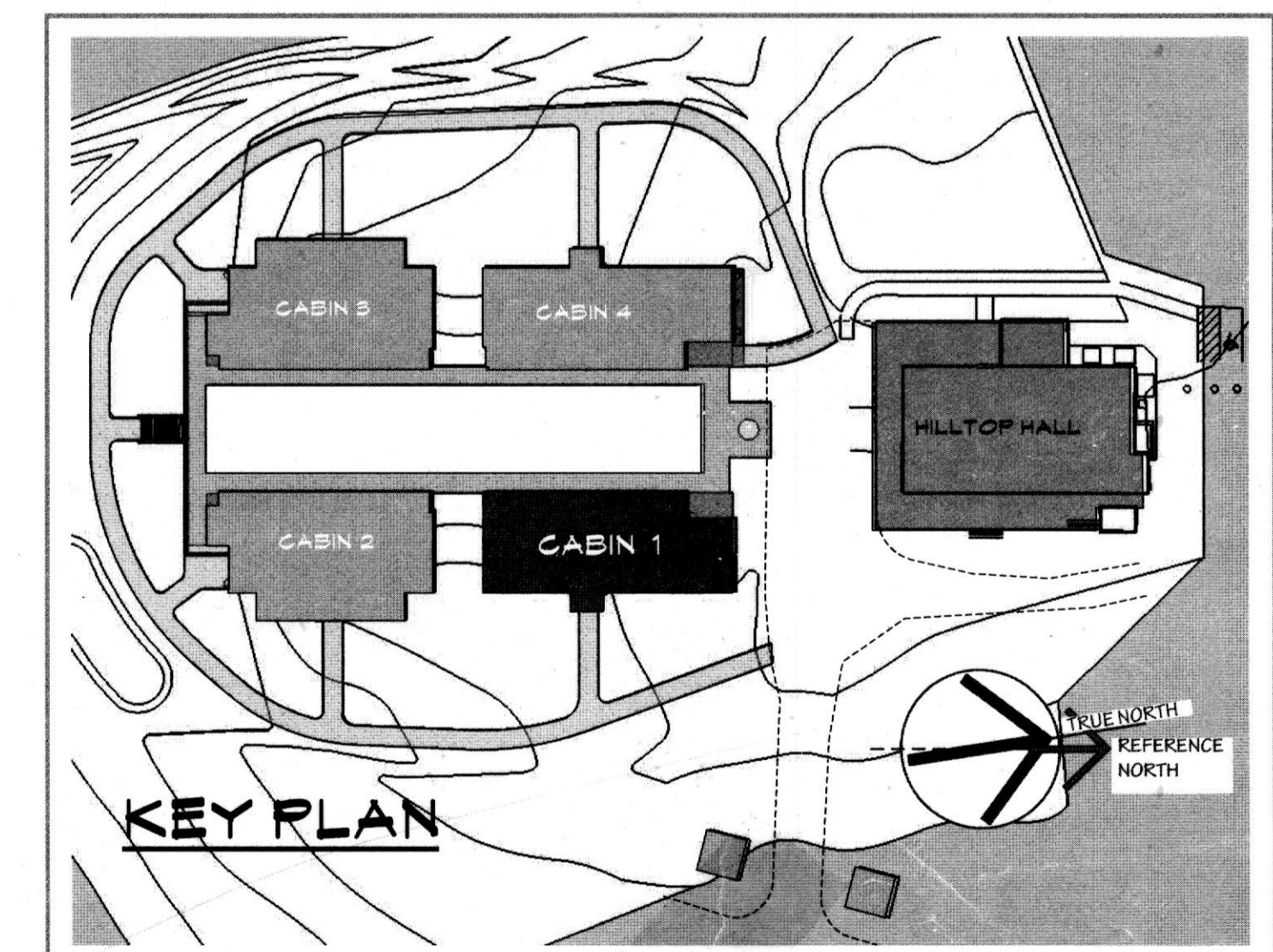
SECTION G
CORE-WALL @ FRONT PORCH SLAB
SCALE: 1"=1'-0"



SECTION H
CONTINUOUS FOOTER @ CRAWLSPACE
SCALE: 1"=1'-0"



SECTION F
WALL SECTION @ EXTERIOR WALL
SCALE: 1"=1'-0"



KEY PLAN

FORT ROLLER - CABINS
RIVER VALLEY RANCH
4449 GRAVES RUN ROAD
MANCHESTER, MARYLAND
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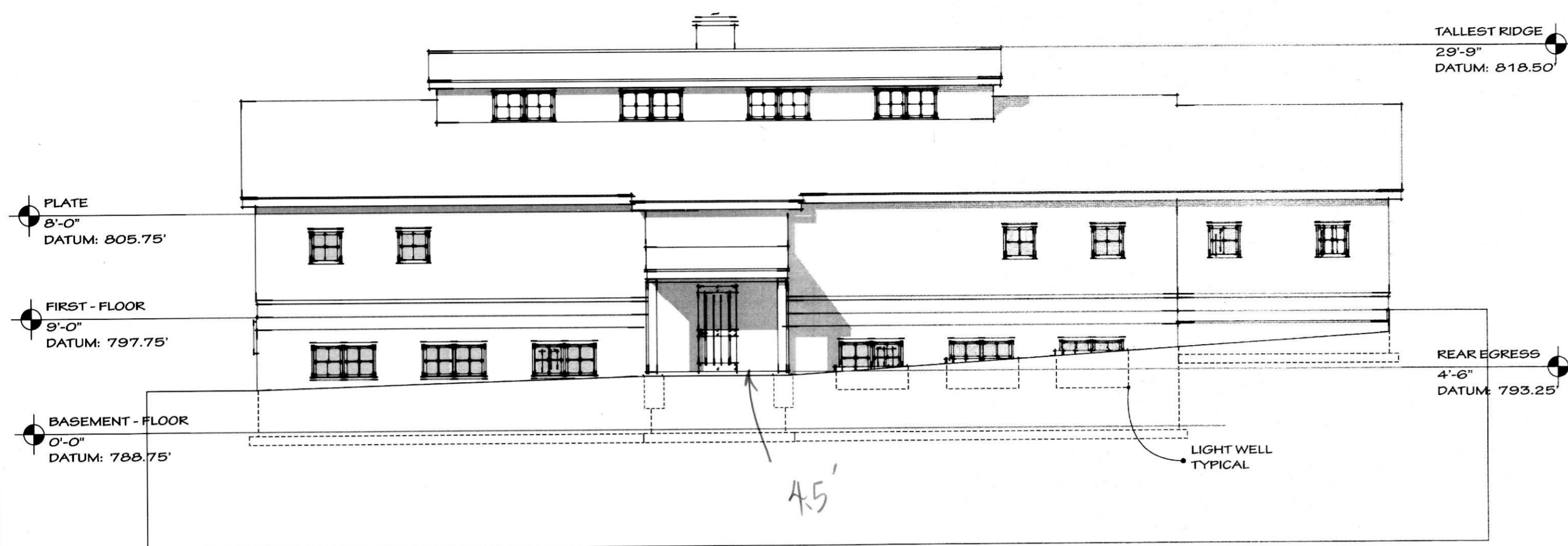


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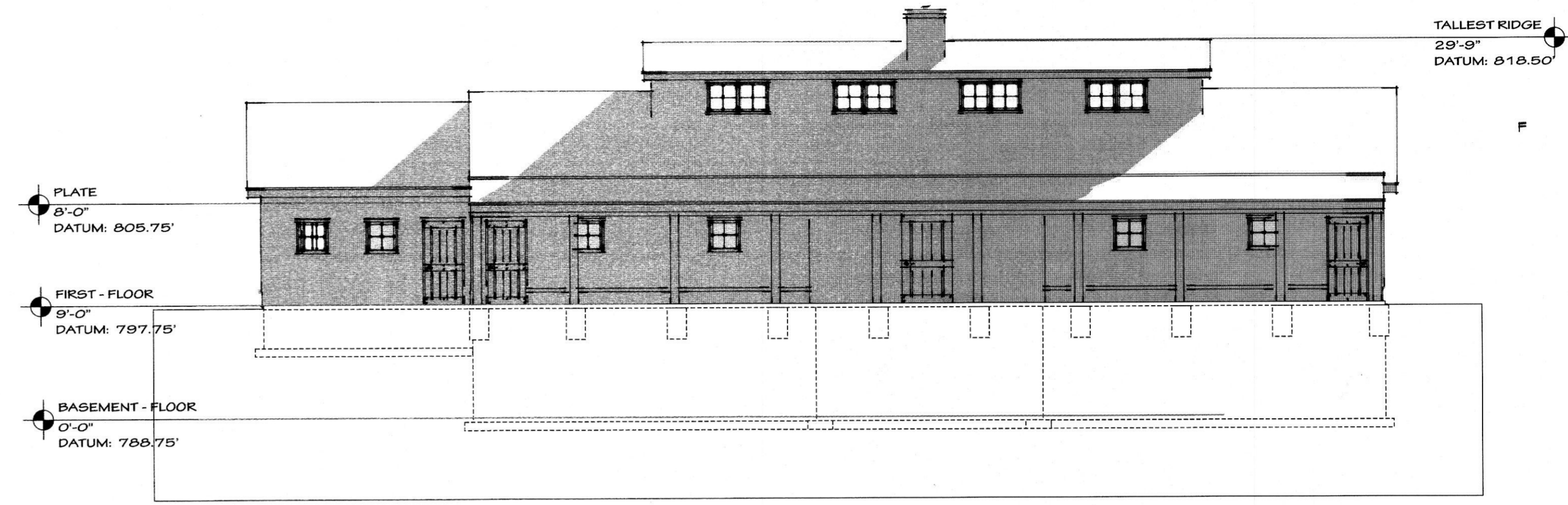
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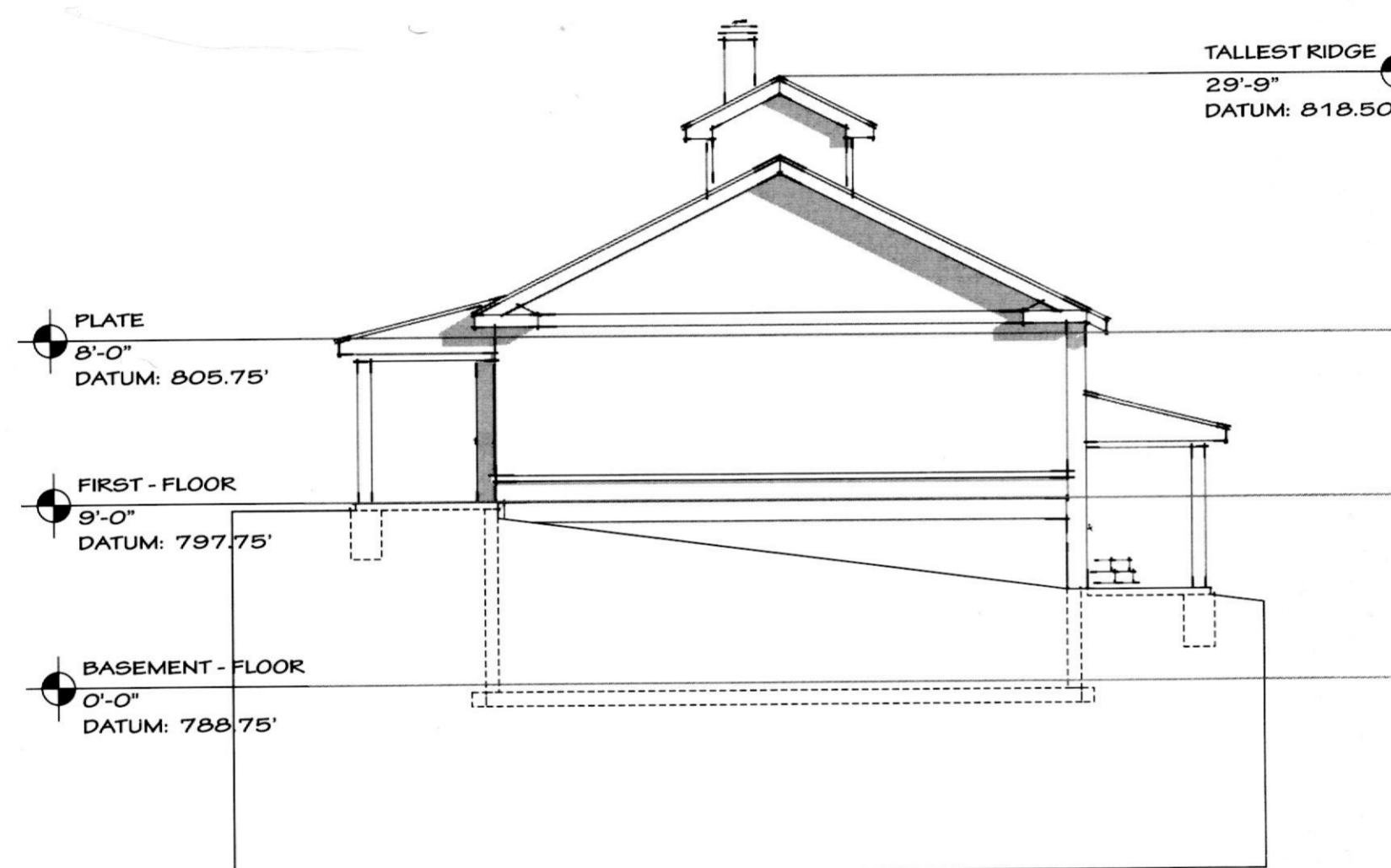
CABIN 1
FIRST FLOOR PLAN



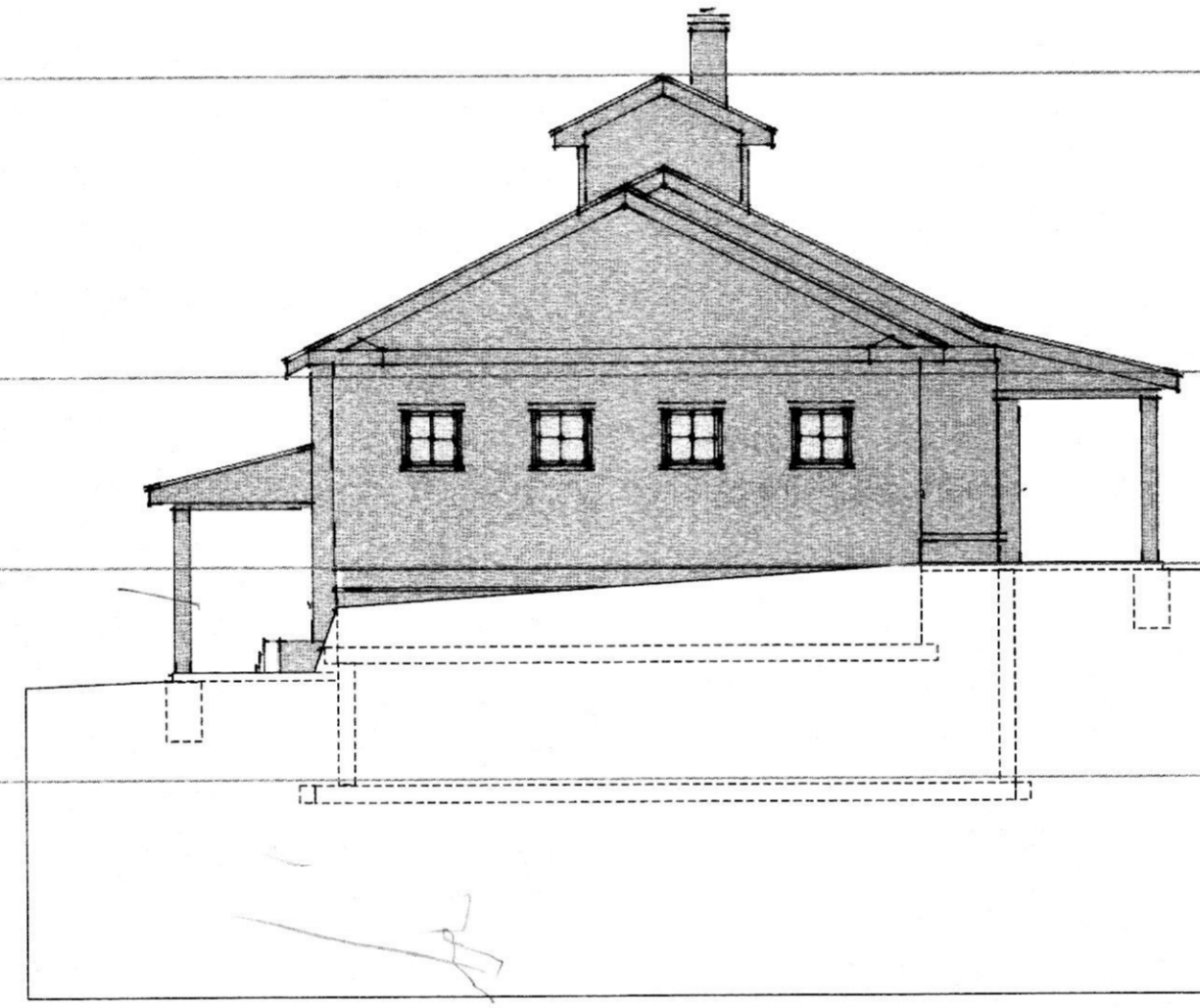
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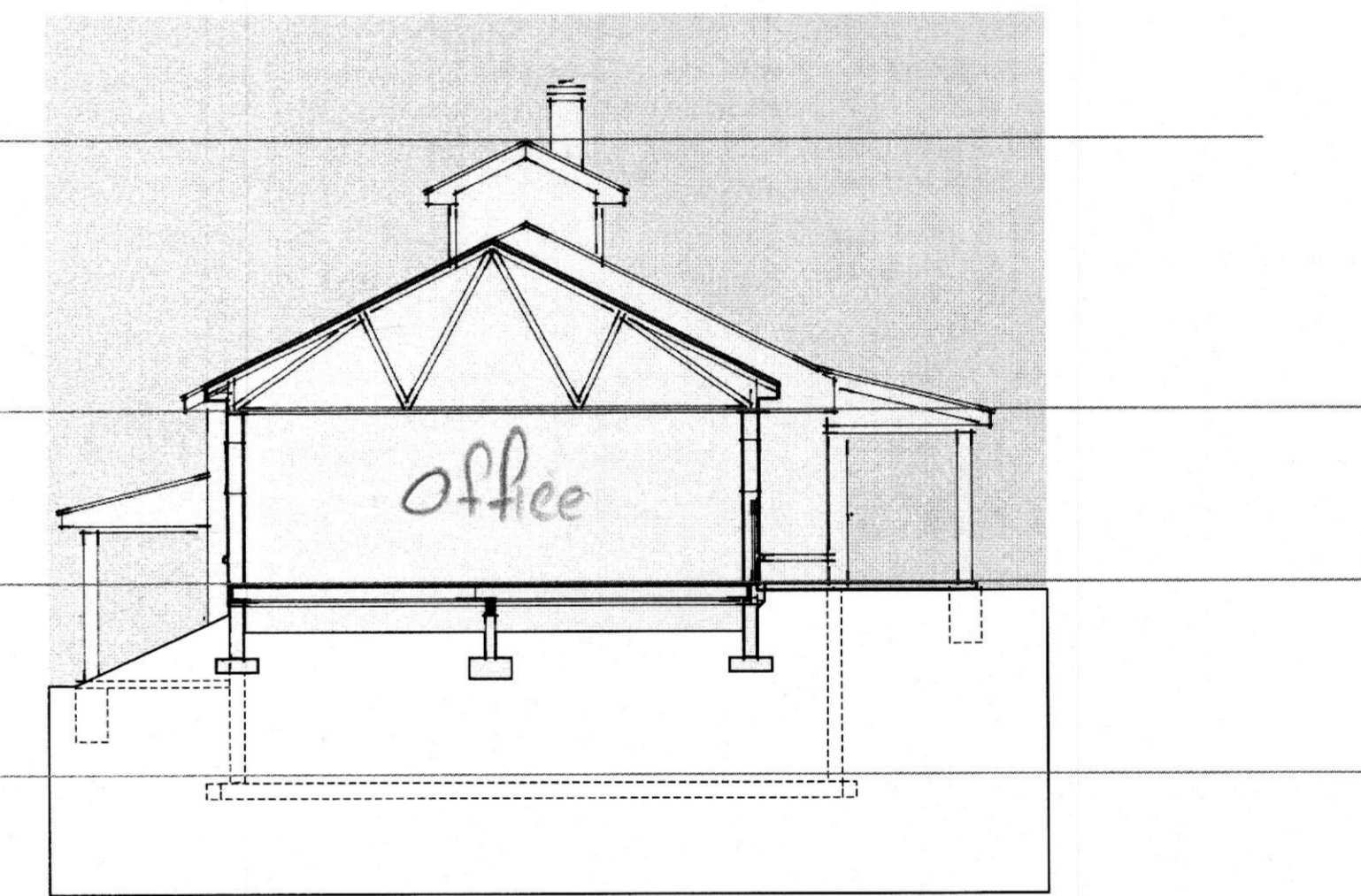
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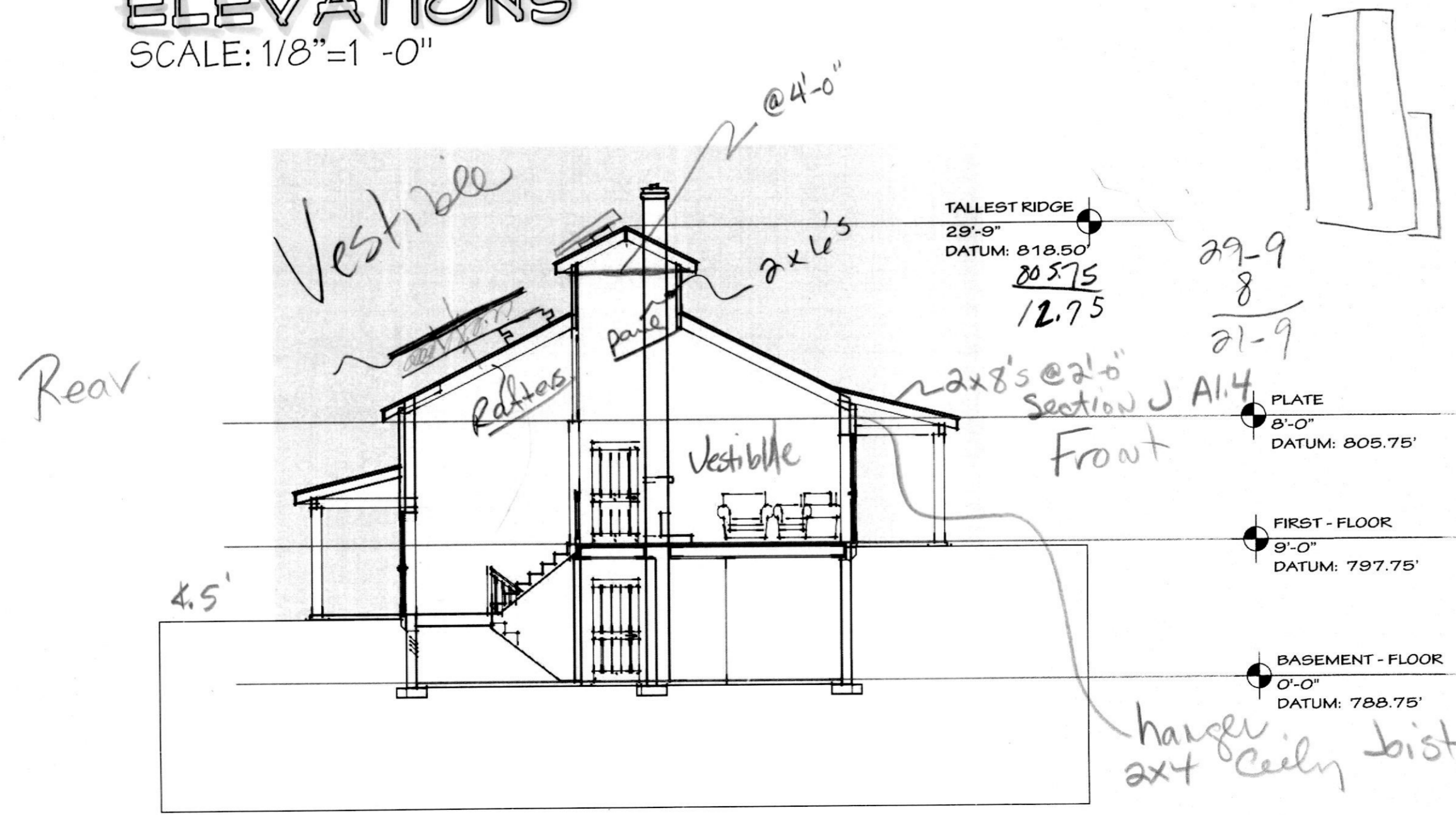
**SOUTH SIDE
ELEVATIONS**
SCALE: 1/8"=1'-0"



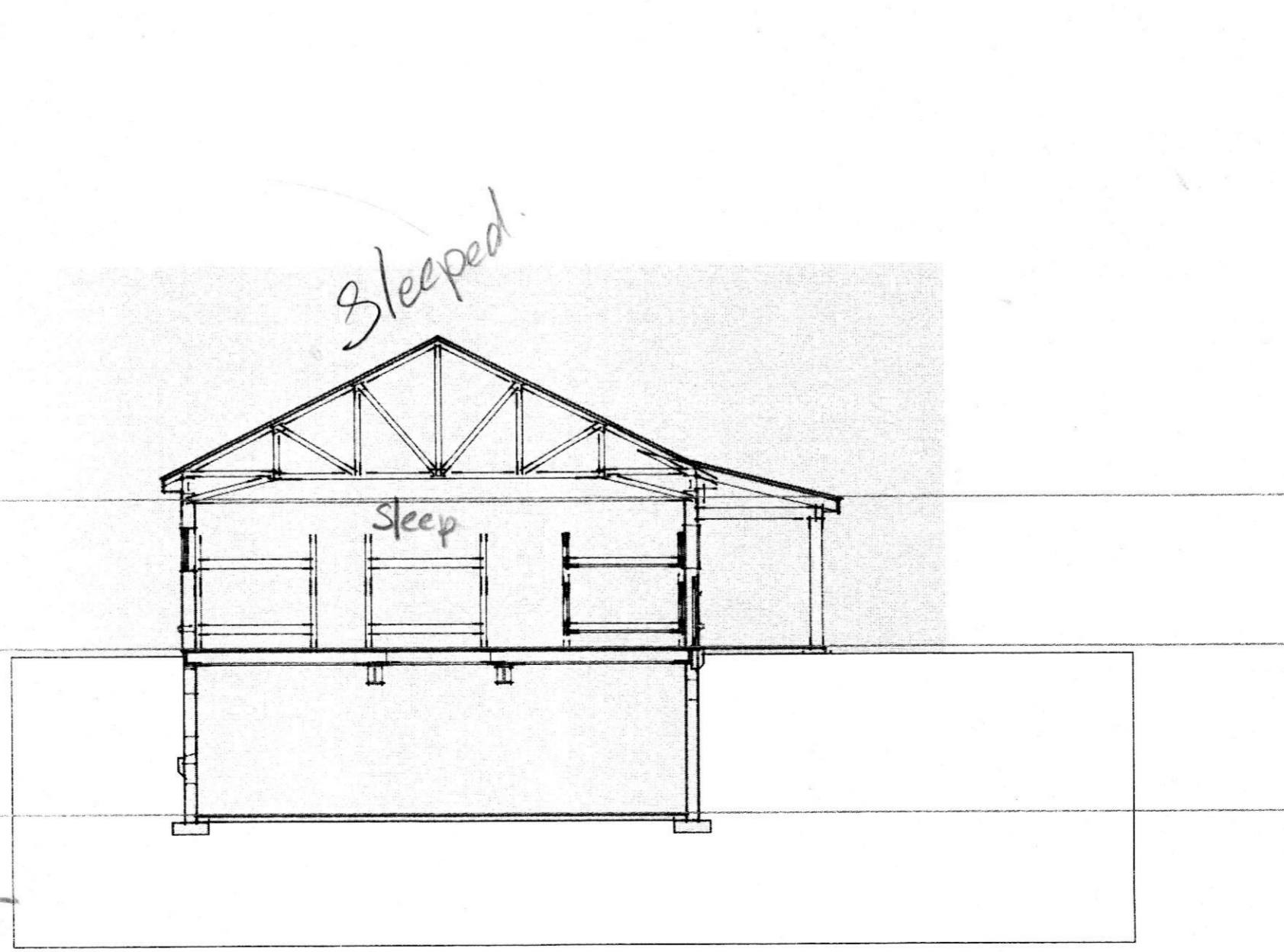
NORTH SIDE



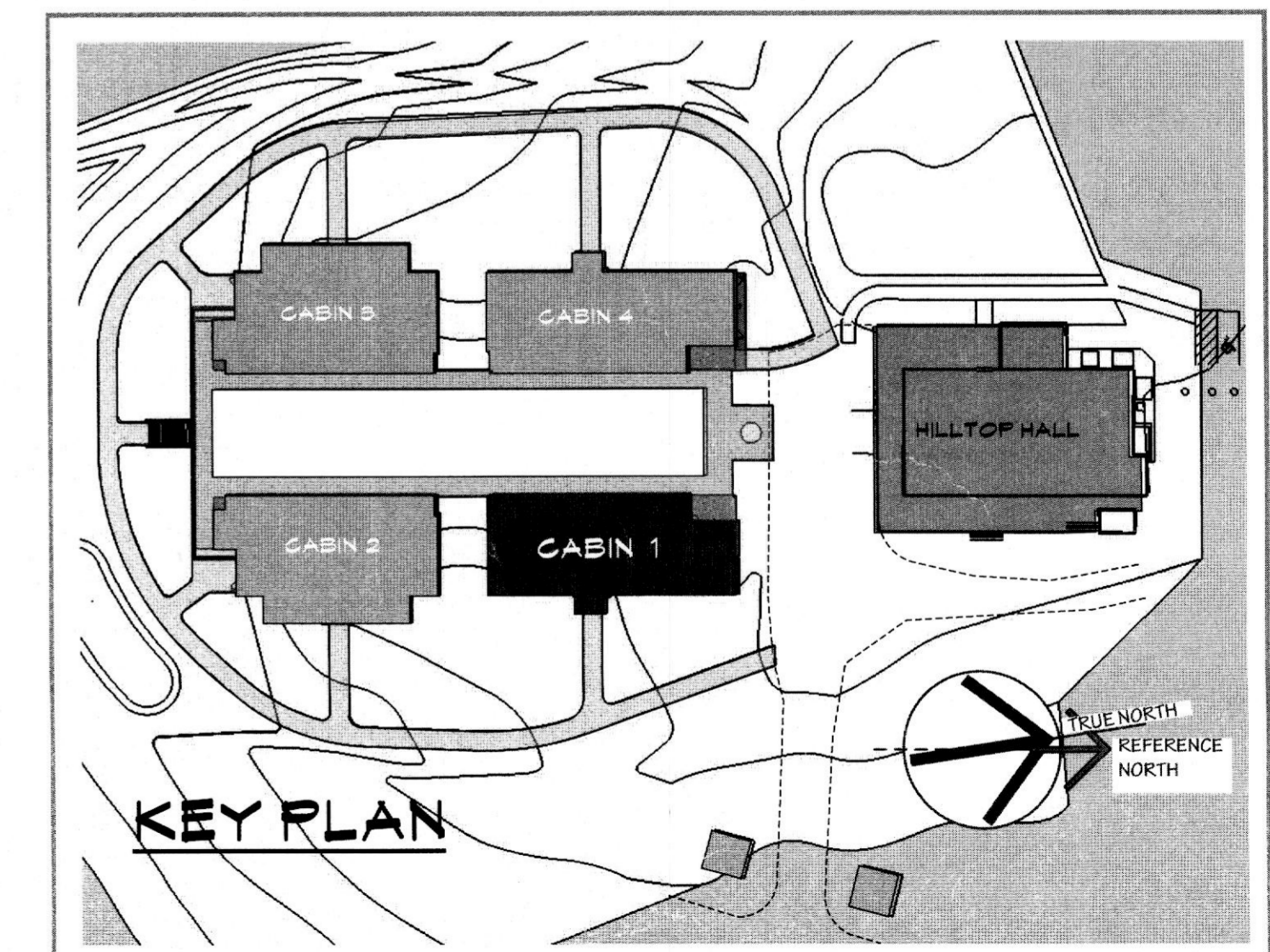
TRANSVERSE SECTION AA
SCALE: 1/8"=1'-0"



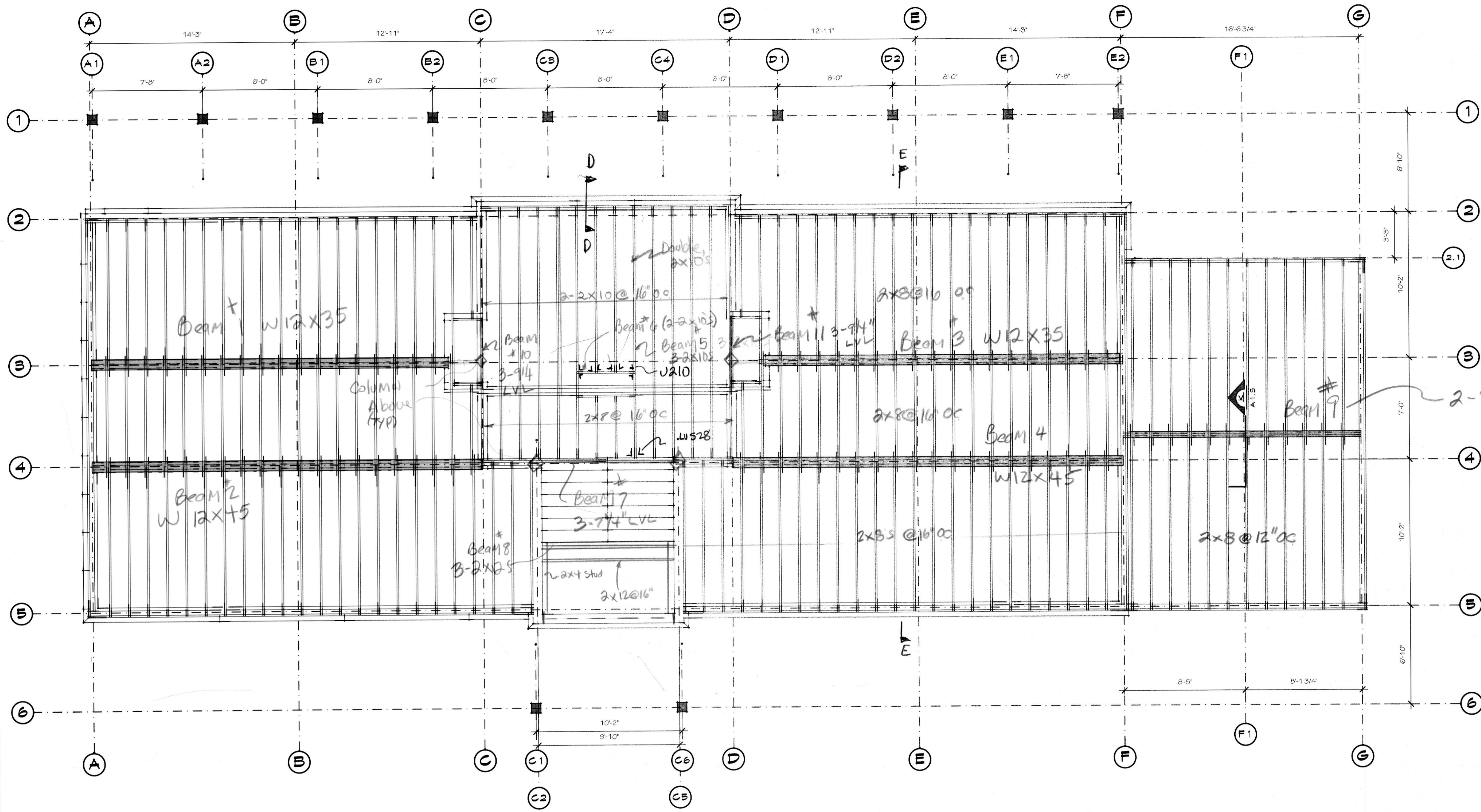
TRANSVERSE SECTION BB
SCALE: 1/8"=1'-0"



TRANSVERSE SECTION CC

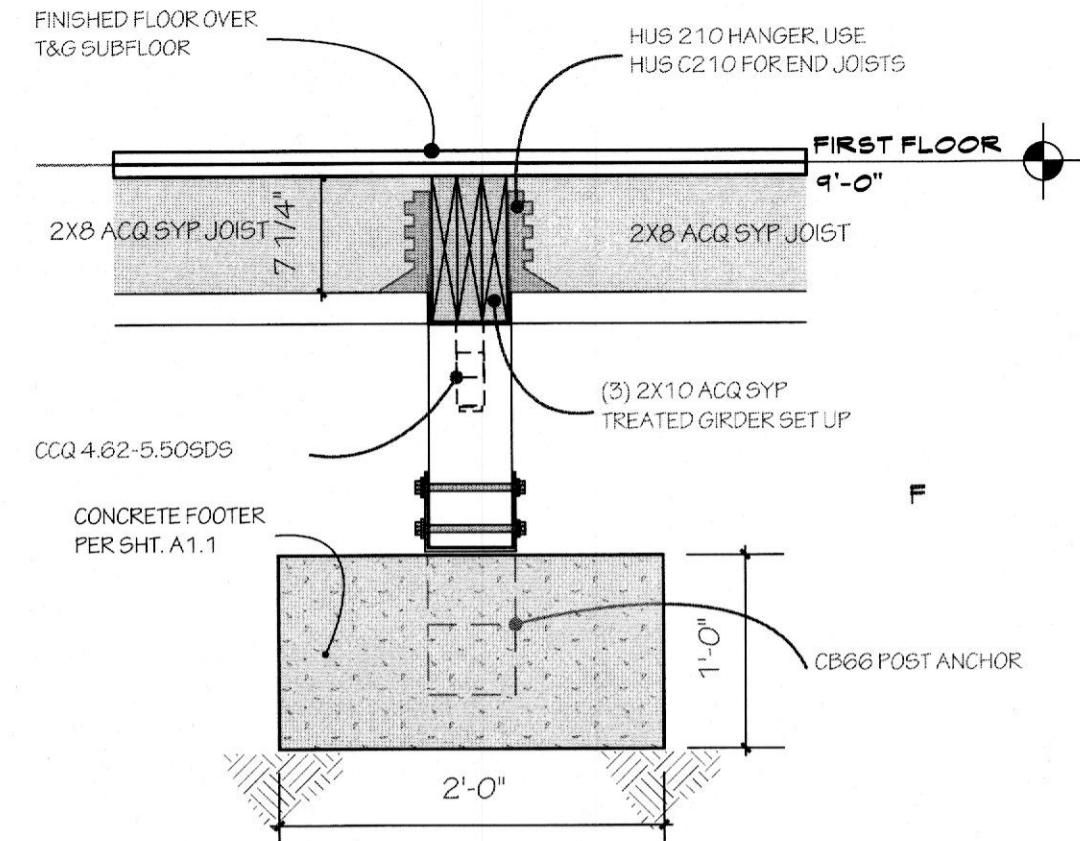
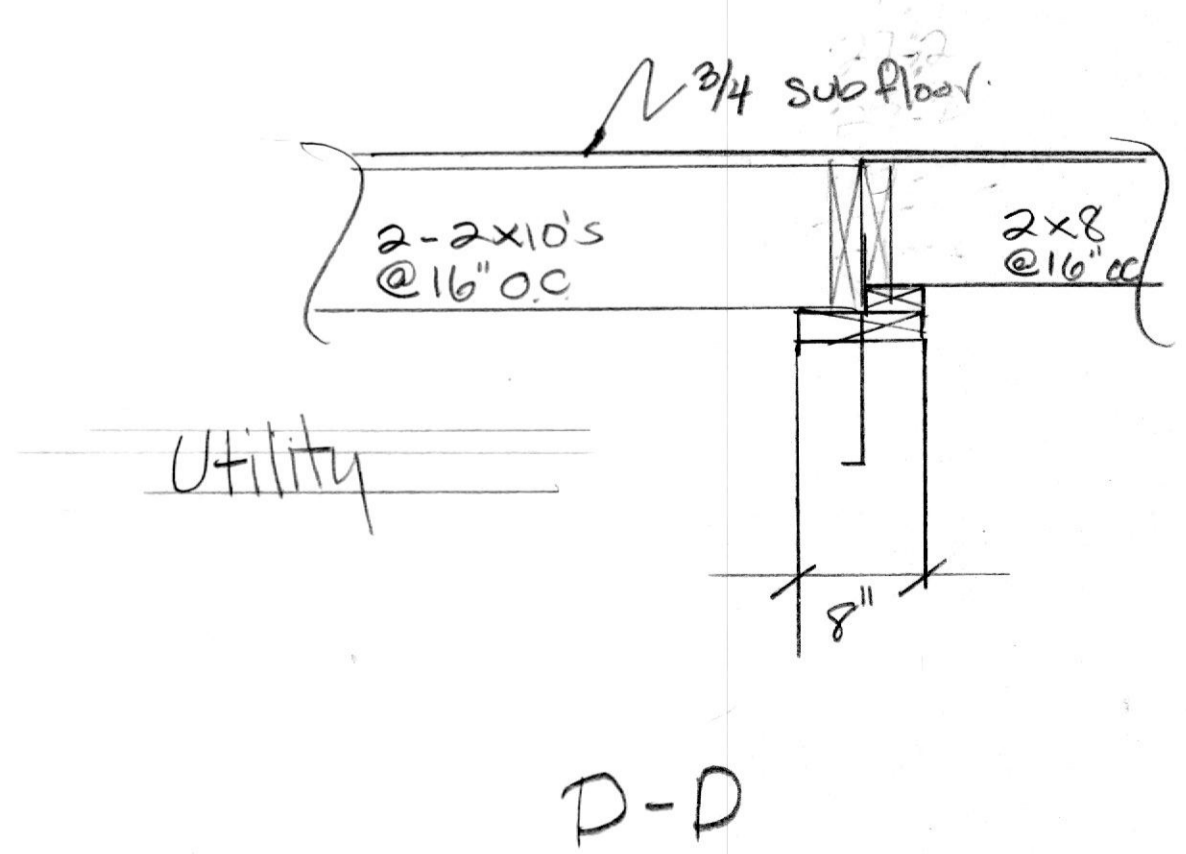
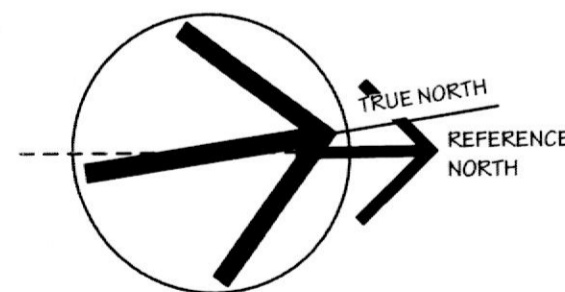


KEY PLAN

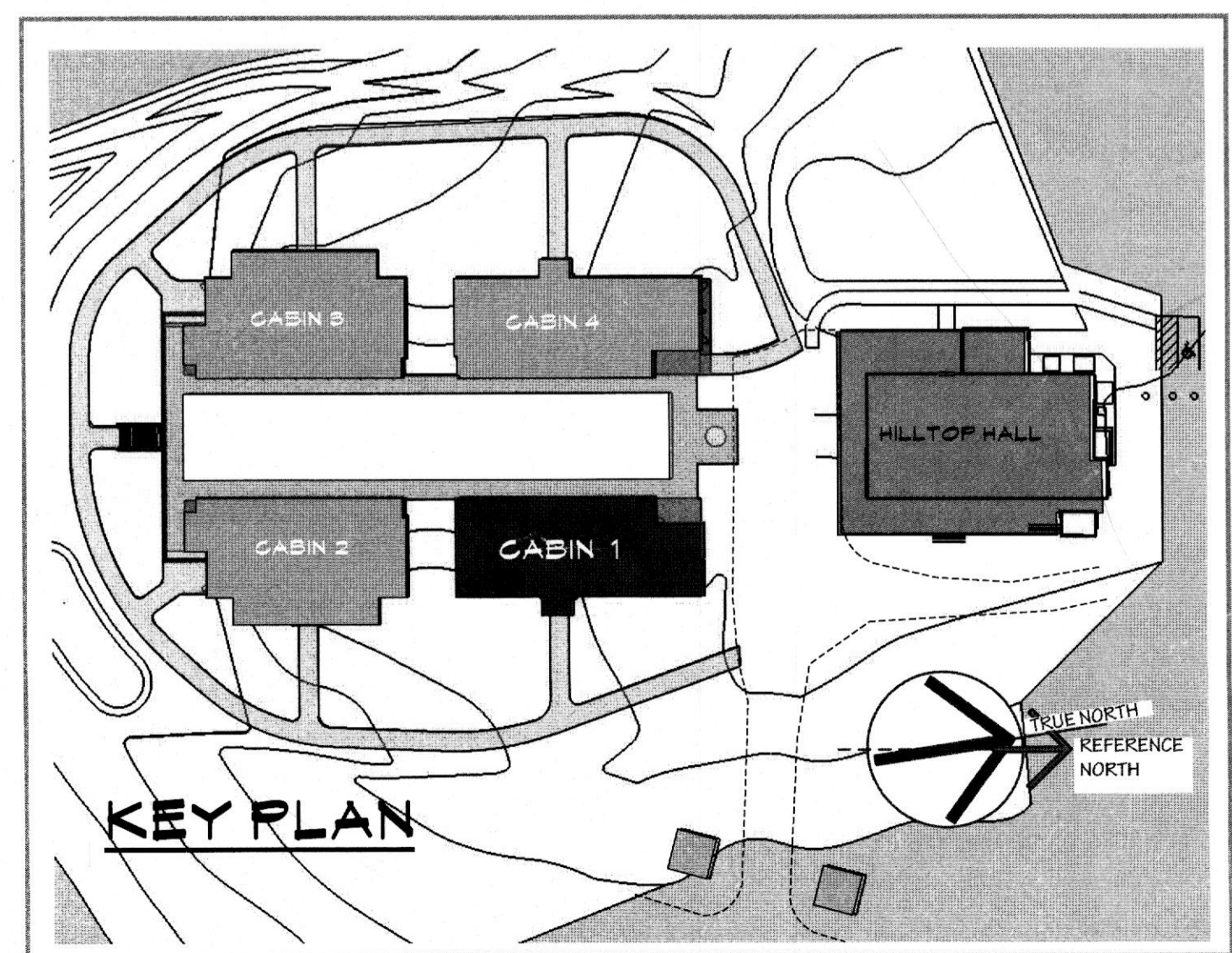


**CABIN 1
FLOOR FRAMING PLAN**

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



**SECTION K
@ FLOOR GIRDER
SCALE: 1" = 1'-0"**



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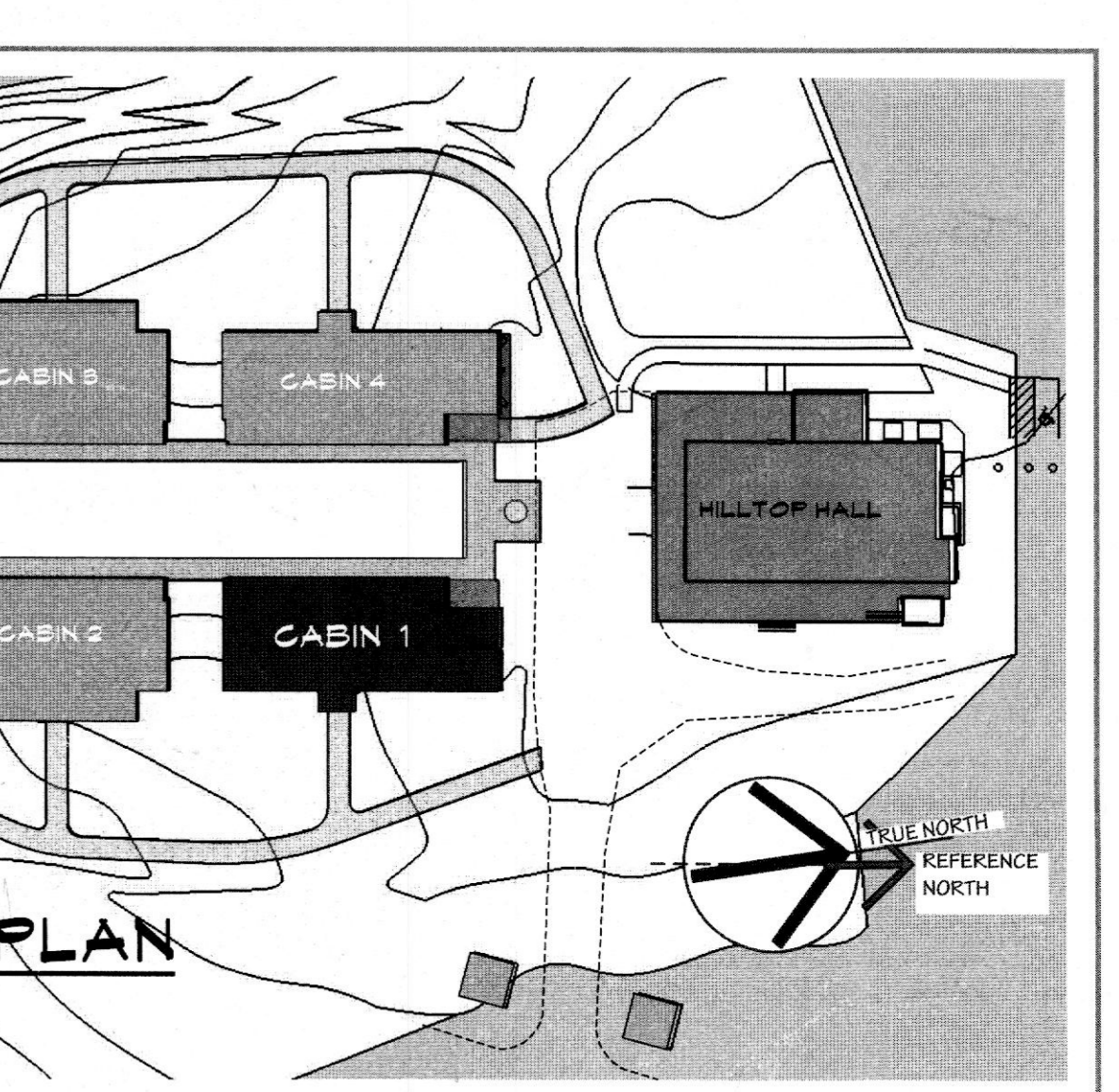
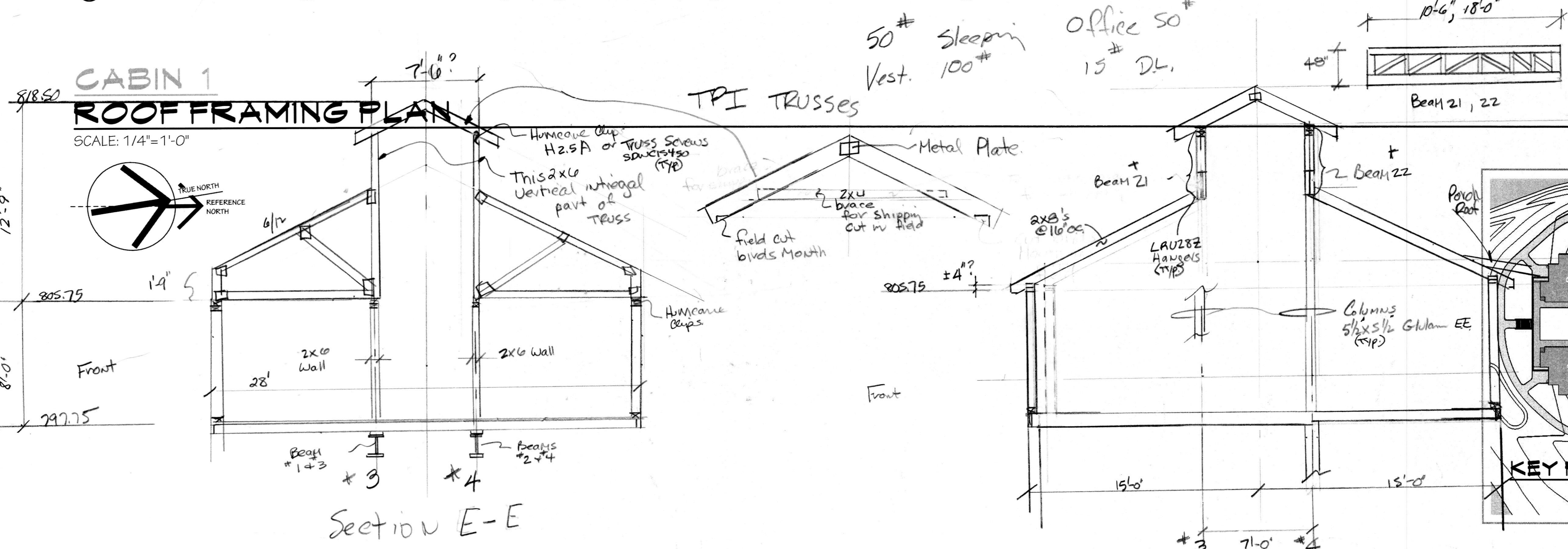
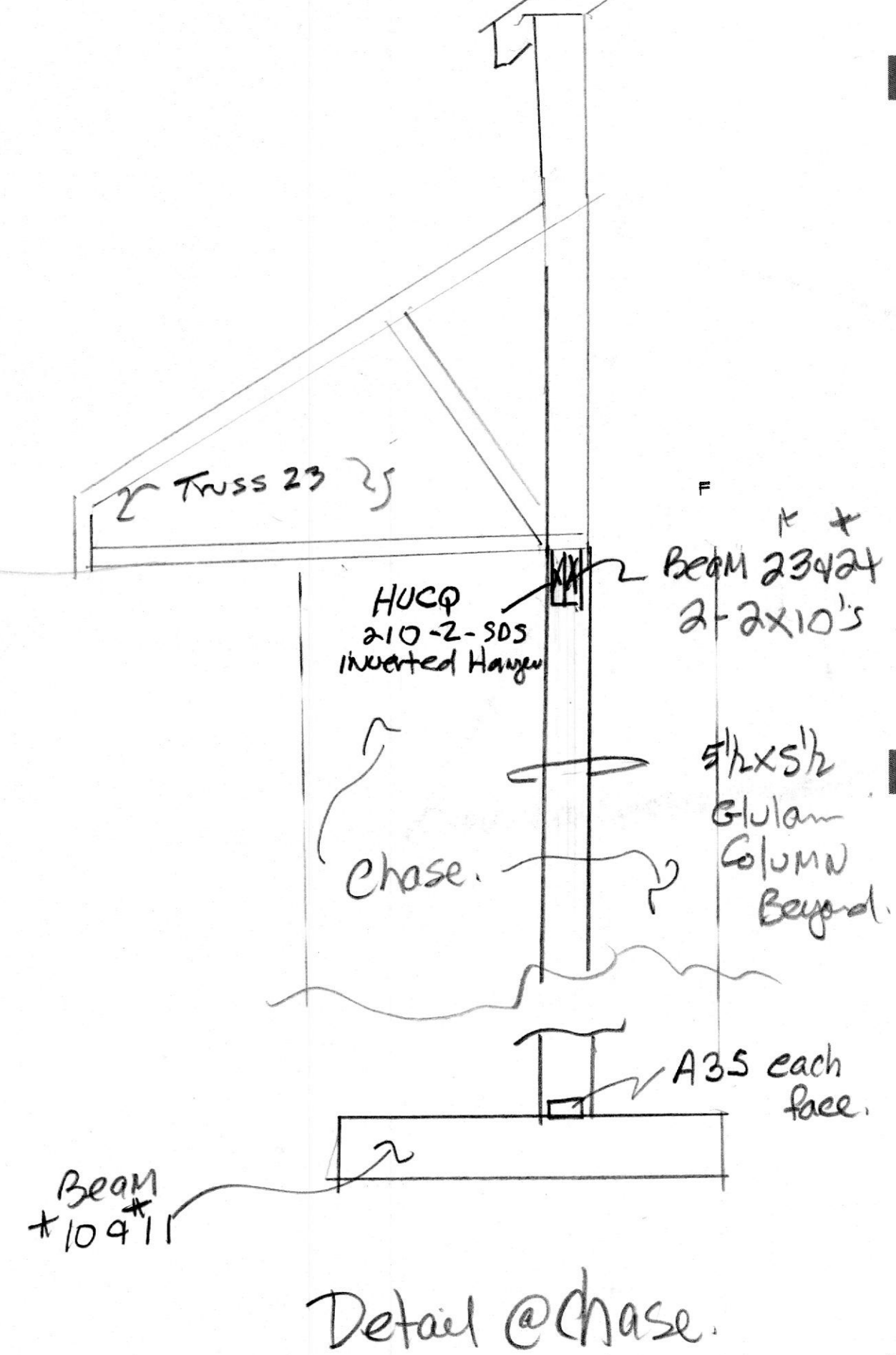
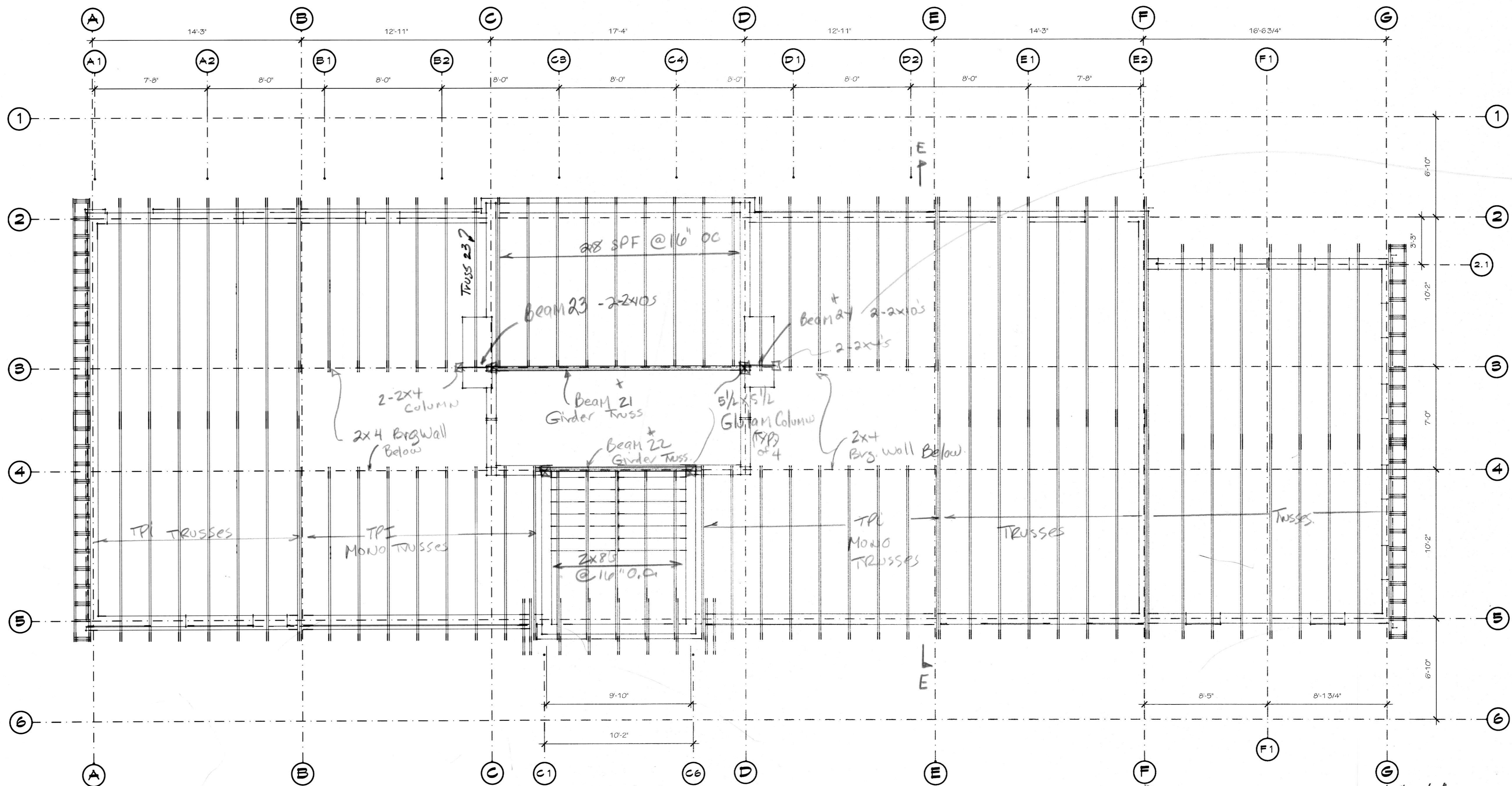
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DESIGN DEVELOPMENT SET

**CABIN 1
FLOOR FRAMING**

S 1.1

SHEET 6 OF 11



FORT ROLLER - CABINS
 RIVER VALLEY RANCH
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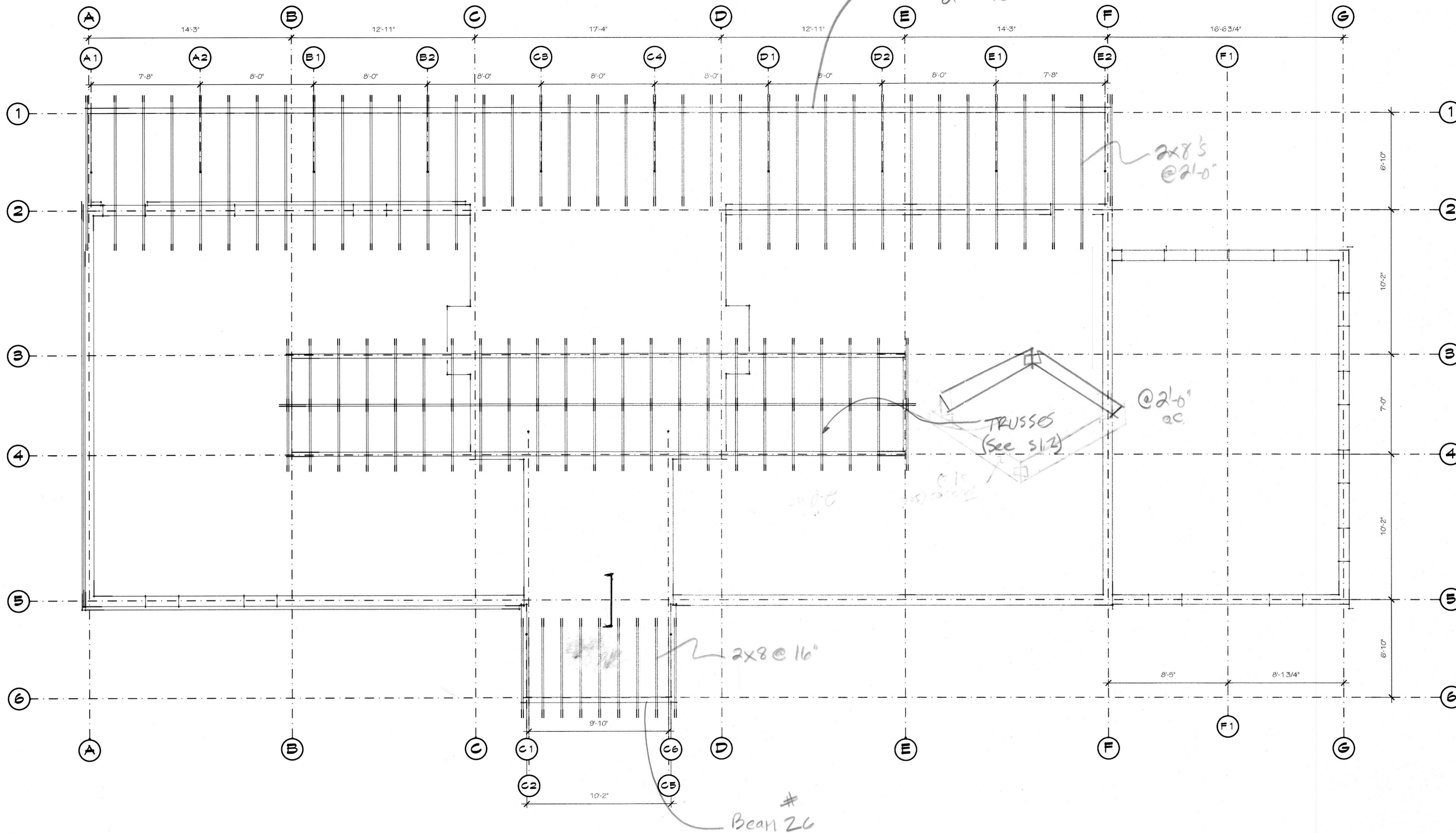


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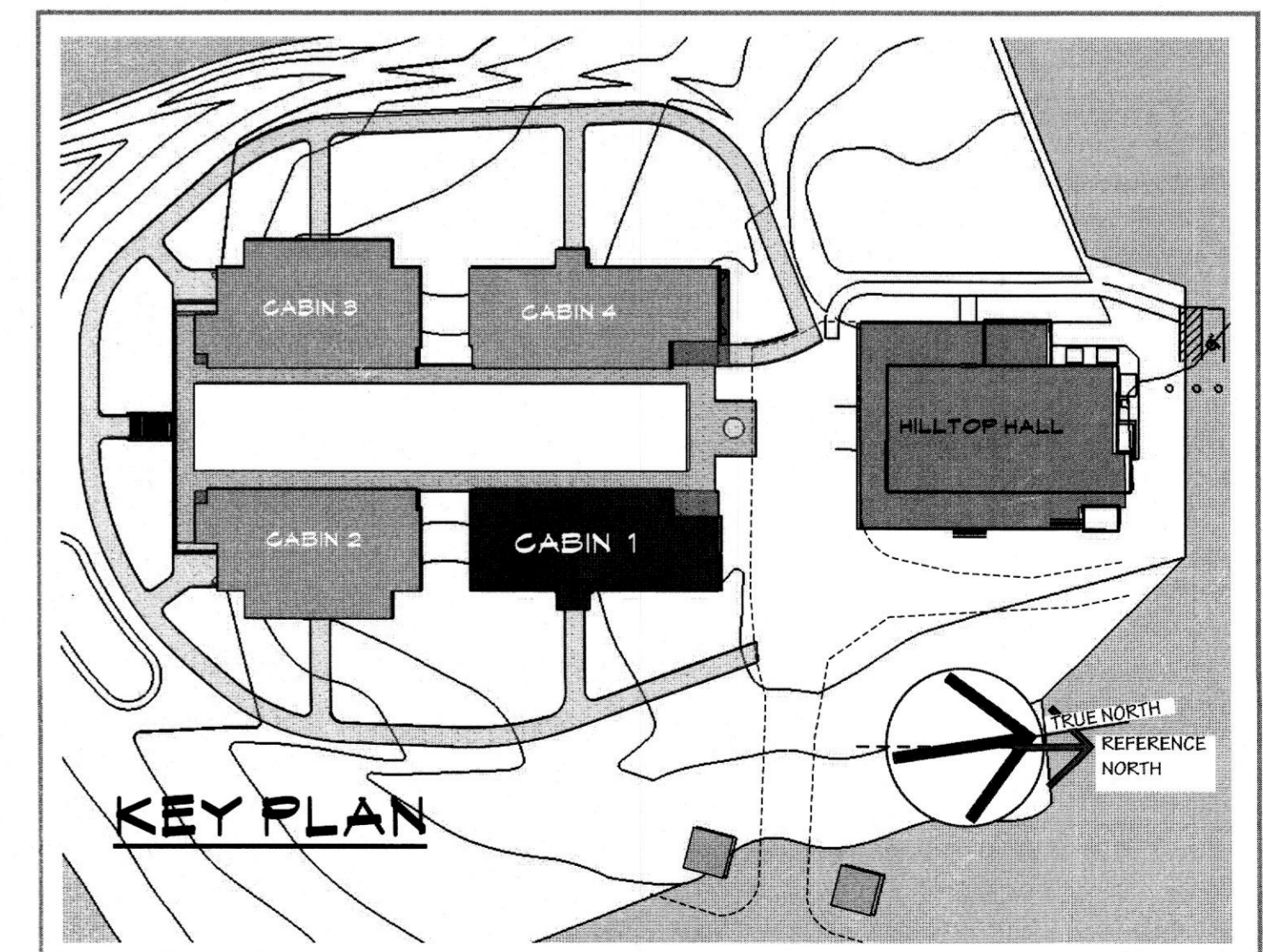
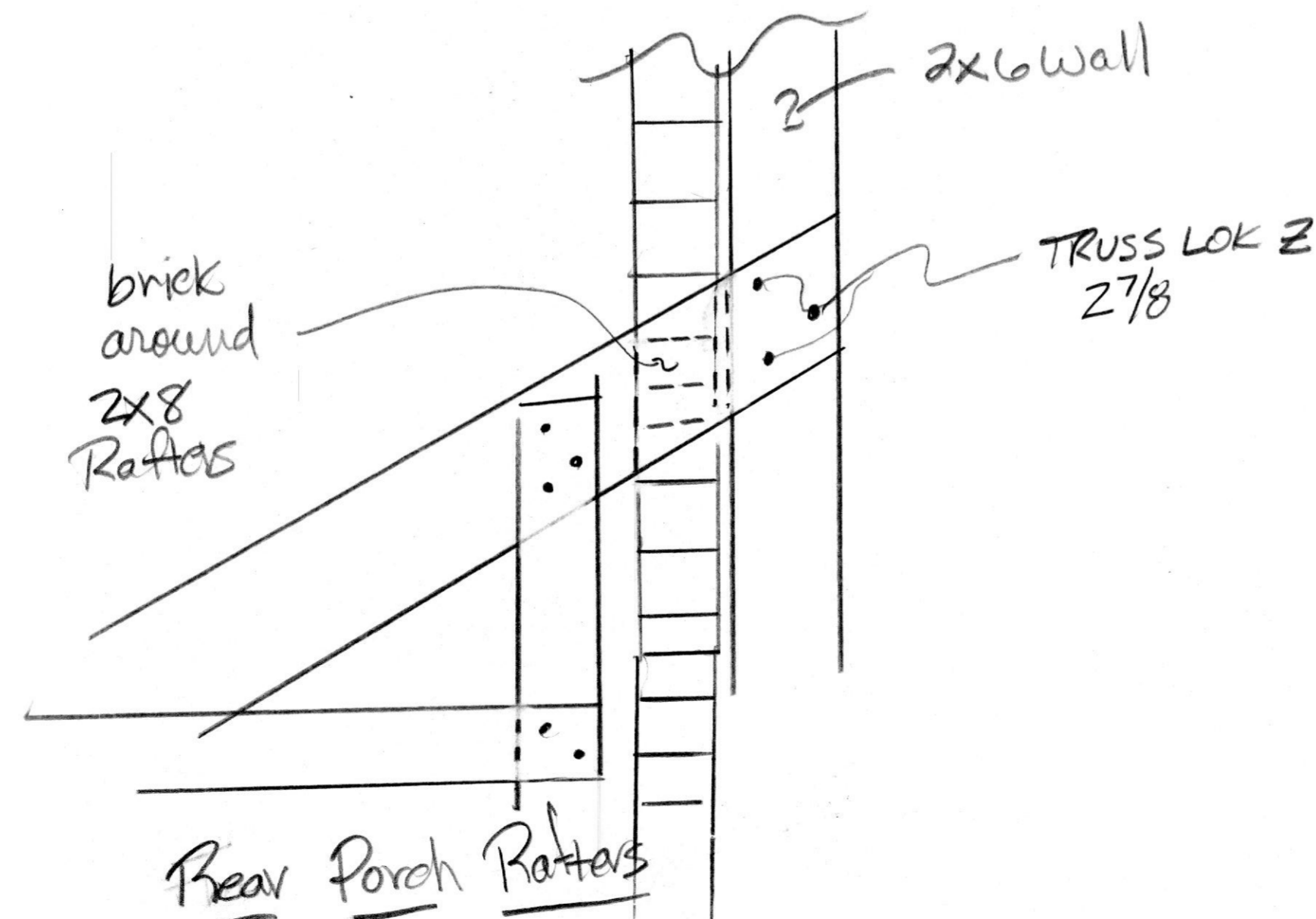
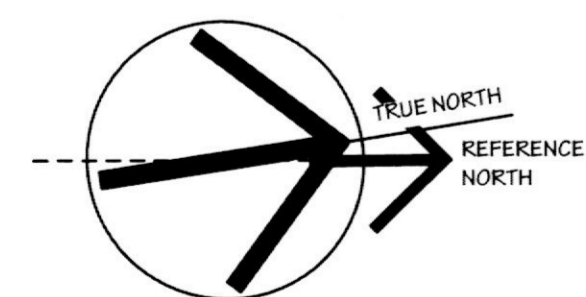
CABIN 1
 ROOF FRAMING

S1.2



CABIN 1
CLERESTORY & PORCH ROOF FRAMING PLAN

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



FORT ROLLER - CABINS
 RIVER VALLEY RANCH
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CABIN 1
 CLERESTORY & PORCH ROOF FRAMING

S 1.3

SHEET 8 OF 11