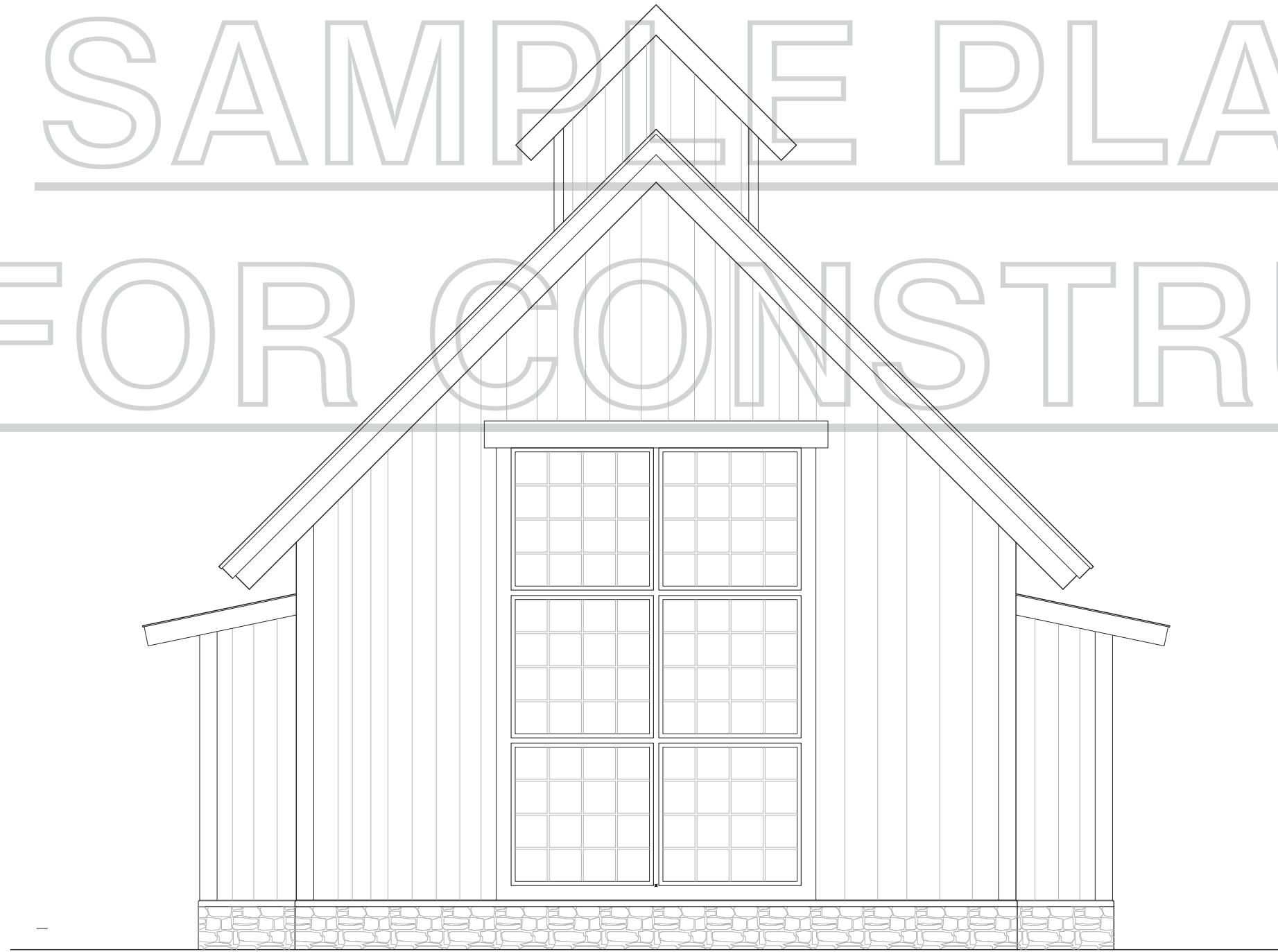


Lake House



SAMPLE PLAN

NOT FOR CONSTRUCTION



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CARE HAS BEEN TAKEN TO WITHIN THE SCOPE OF THE CLIENT AGREEMENT TO ACCURATELY PORTRAY DETAILS AND SPECIFICATIONS, YET BUILDING ARE COMPLEX ENTITIES WITH THE POSSIBILITY OF UNFORESEEN SITUATIONS OR OVERLOOKED DETAILS. BUILDER IS TO REVIEW ALL ASPECTS OF THE DESIGN, DETAILS AND SPECIFICATIONS FOR ERRORS AND ADJUST OR ALTER THE BUILD AS NECESSARY. NOTIFY THE DESIGNER OF ANY CHANGES TO THE DESIGN AS IT RELATES TO THIS PROJECT.

WINDOW AND DOOR NOTES:

ALL WINDOWS WILL BE METAL CLAD / WOOD INTERIOR PER THE WINDOW SCHEDULE.

ALL WINDOWS AND DOOR ARE TO INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

ALL WINDOW AND DOORS SIZES, QUANTITIES AND ROUGH OPENINGS ARE TO BE VERIFIED BY THE BUILDER PRIOR TO FRAMING AND ORDERING. DESIGNER IS TO NOTIFIED OF ANY DISCREPANCIES OR CHANGES ARE TO SIZE, QUANTITY, PLACEMENT OR STYLE AS SOON AS KNOWN.

CONTRACTOR WILL VERIFY WITH LOCAL BUILDING CODES / CODE ENFORCEMENT THAT WINDOWS AND DOORS COMPLY WITH THE NECESSARY REQUIREMENTS (EGRESS, INGRESS, FLOOR CLEARANCE, TEMPERING, ETC).

UNIT SIZES IN SCHEDULES ARE MANUFACTURER SIZING OR NOMINAL SIZE FOR GENERIC REFERENCES.

SAMPLE PLAN
NOT FOR CONSTRUCTION

THIS PLAN MAY BE PURCHASED
FOR CONSTRUCTION

CONTACT BOWDEN ENVIRONMENTS TO PURCHASE

**PRELIMINARY
NOT FOR
CONSTRUCTION**

WWW.BOWDENENVIRONMENTS.COM



NO.	REV.#	DESCRIPTION	DATE

CABIN — FLOOR PLANS

DRAWN BY: KB
JOB #: 20161
PLAN #: 20161
08/19/2016
SCALE AS NOTED
SHEET
C) A1-1

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EROSION CONTROL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.
2. SUFFICIENT EROSION CONTROL PRACTICES MUST BE INSTALLED AND MAINTAINED TO RETAIN SEDIMENT WITHIN THE BOUNDARIES OF THE SITE. ALL DISTURBED AREAS SHALL BE NONEROSIVE AND STABLE WITHIN FIFTEEN (15) WORKING DAYS OR 90 CALENDAR DAYS AFTER COMPLETION OF THE ACTIVITY, WHICHEVER IS SHORTER.
3. MAINTENANCE: ALL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSPECTED WEEKLY AND AFTER EVERY RUNOFF PRODUCING RAINFALL EVENT. NEEDED REPAIRS WILL BE MADE IMMEDIATELY. GRADING CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL.
4. WEEKLY SELF REPORTING FORM MUST BE COMPLETED AND KEPT ON SITE.
5. SEE DETAIL SHEET FOR EROSION CONTROL DETAILS.
6. THIS PLAN IS A STARTING POINT. AS THE SITE CHANGES OR CONDITIONS CHANGE FOR WHATEVER REASON, THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE SITE NON-EROSIVE AND STABLE THROUGHOUT THE LIFE OF THE PROJECT. EVEN IF THIS MEANS DEVIATING FROM THIS APPROVED PLAN AND THUS HAVING TO ADD ADDITIONAL MEASURES AND PROTECTION.

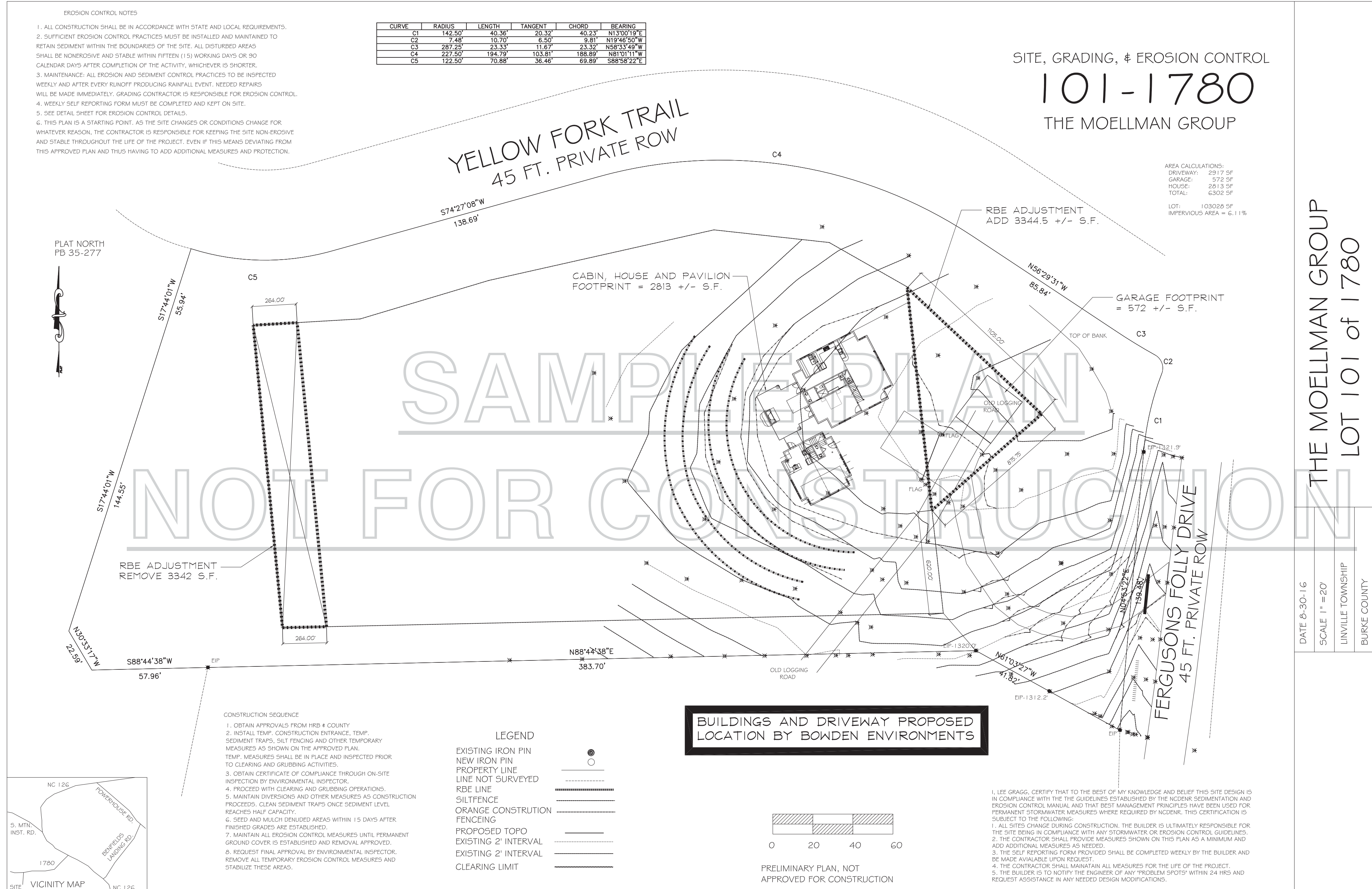
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING
C1	142.50'	40.36'	20.32'	40.23'	N13°00'19" E
C2	7.48'	10.70'	8.50'	9.81'	N19°46'50" W
C3	287.25'	23.33'	11.67'	23.32'	N58°33'49" W
C4	227.50'	194.79'	103.81'	188.89'	N81°01'11" W
C5	122.50'	70.88'	36.46'	69.89'	S88°58'22" E

SITE, GRADING, & EROSION CONTROL
101-1780
THE MOELLMAN GROUP

AREA CALCULATIONS:
DRIVEWAY: 2917 SF
GARAGE: 572 SF
HOUSE: 2813 SF
TOTAL: 6302 SF

LOT: 103028 SF
IMPERVIOUS AREA = 6.11 %

PLAT NORTH
PB 35-277



THE MOELLMAN GROUP
LOT 101 of 1780

DATE 8-30-16
SCALE 1" = 20'
LINVILLE TOWNSHIP
BURKE COUNTY

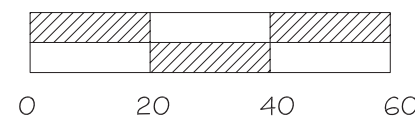
CONSTRUCTION SEQUENCE

1. OBTAIN APPROVALS FROM HRB & COUNTY
2. INSTALL TEMP. CONSTRUCTION ENTRANCE, TEMP. SEDIMENT TRAPS, SILT FENCING AND OTHER TEMPORARY MEASURES AS SHOWN ON THE APPROVED PLAN. TEMP. MEASURES SHALL BE IN PLACE AND INSPECTED PRIOR TO CLEARING AND GRUBBING ACTIVITIES.
3. OBTAIN CERTIFICATE OF COMPLIANCE THROUGH ON-SITE INSPECTION BY ENVIRONMENTAL INSPECTOR.
4. PROCEED WITH CLEARING AND GRUBBING OPERATIONS.
5. MAINTAIN DIVERSIONS AND OTHER MEASURES AS CONSTRUCTION PROCEEDS. CLEAN SEDIMENT TRAPS ONCE SEDIMENT LEVEL REACHES HALF CAPACITY.
6. SEED AND MULCH DENUDED AREAS WITHIN 15 DAYS AFTER FINISHED GRADES ARE ESTABLISHED.
7. MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED AND REMOVAL APPROVED.
8. REQUEST FINAL APPROVAL BY ENVIRONMENTAL INSPECTOR. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND STABILIZE THESE AREAS.

LEGEND

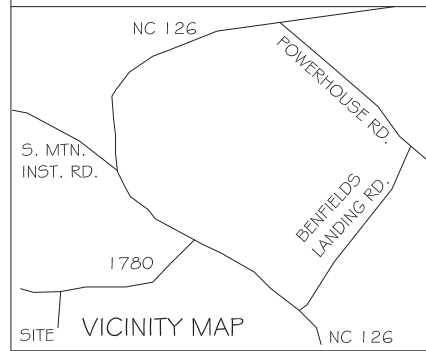
- EXISTING IRON PIN
- NEW IRON PIN
- PROPERTY LINE
- LINE NOT SURVEYED
- RBE LINE
- SILTFENCE
- ORANGE CONSTRUCTION FENCING
- PROPOSED TOPO
- EXISTING 2' INTERVAL
- EXISTING 2' INTERVAL
- CLEARING LIMIT

BUILDINGS AND DRIVEWAY PROPOSED LOCATION BY BOWDEN ENVIRONMENTS



PRELIMINARY PLAN, NOT APPROVED FOR CONSTRUCTION

I, LEE GRAGG, CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS SITE DESIGN IS IN COMPLIANCE WITH THE THE GUIDELINES ESTABLISHED BY THE NCDENR SEDIMENTATION AND EROSION CONTROL MANUAL AND THAT BEST MANAGEMENT PRINCIPLES HAVE BEEN USED FOR PERMANENT STORMWATER MEASURES WHERE REQUIRED BY NCDENR. THIS CERTIFICATION IS SUBJECT TO THE FOLLOWING:
1. ALL SITES CHANGE DURING CONSTRUCTION. THE BUILDER IS ULTIMATELY RESPONSIBLE FOR THE SITE BEING IN COMPLIANCE WITH ANY STORMWATER OR EROSION CONTROL GUIDELINES.
2. THE CONTRACTOR SHALL PROVIDE MEASURES SHOWN ON THIS PLAN AS A MINIMUM AND ADD ADDITIONAL MEASURES AS NEEDED.
3. THE SELF REPORTING FORM PROVIDED SHALL BE COMPLETED WEEKLY BY THE BUILDER AND BE MADE AVAILABLE UPON REQUEST.
4. THE CONTRACTOR SHALL MAINTAIN ALL MEASURES FOR THE LIFE OF THE PROJECT.
5. THE BUILDER IS TO NOTIFY THE ENGINEER OF ANY "PROBLEM SPOTS" WITHIN 24 HRS AND REQUEST ASSISTANCE IN ANY NEEDED DESIGN MODIFICATIONS.



DATE	DESCRIPTION

SITE PLAN
~~SAMPLE PLAN~~
NOT FOR CONSTRUCTION

THIS PLAN MAY BE PURCHASED FOR CONSTRUCTION

CONTACT BOWDEN ENVIRONMENTS TO PURCHASE

DRAWN BY:
KB

JOB #
20161

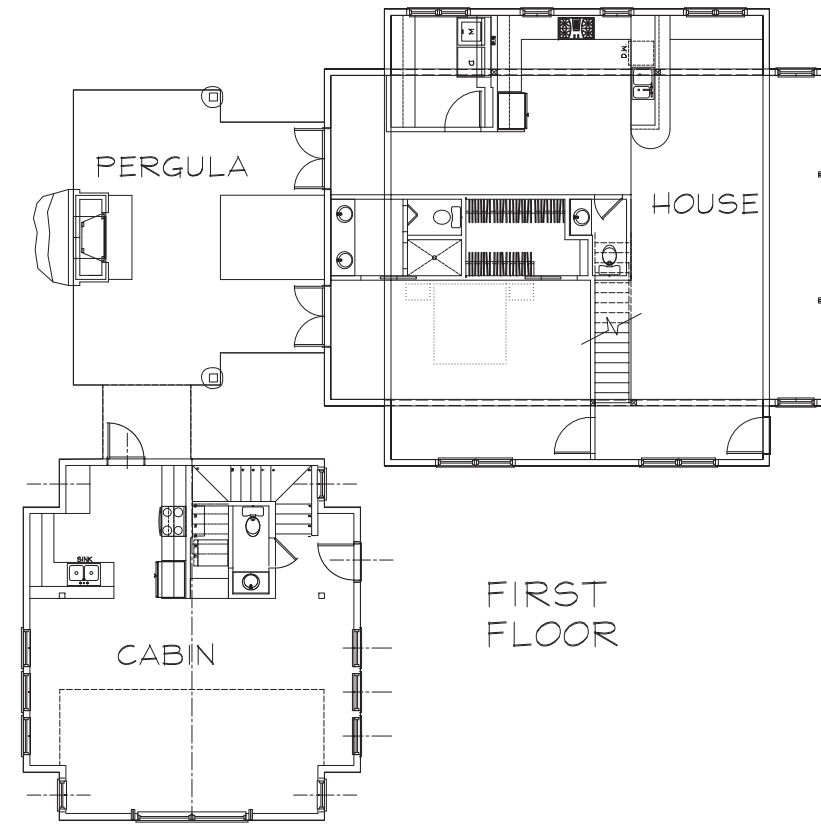
PLAN #
20161

DATE
11/27/2016

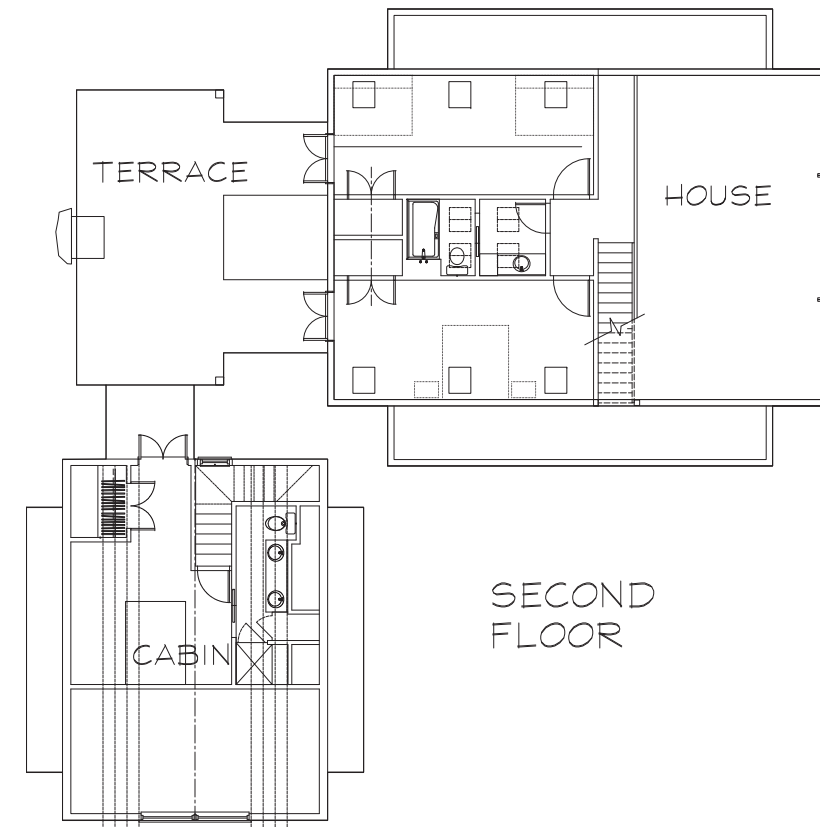
SCALE
AS NOTED

SHEET
CL-1

MASTER PLAN
1/16" = 1'-0"



FIRST FLOOR

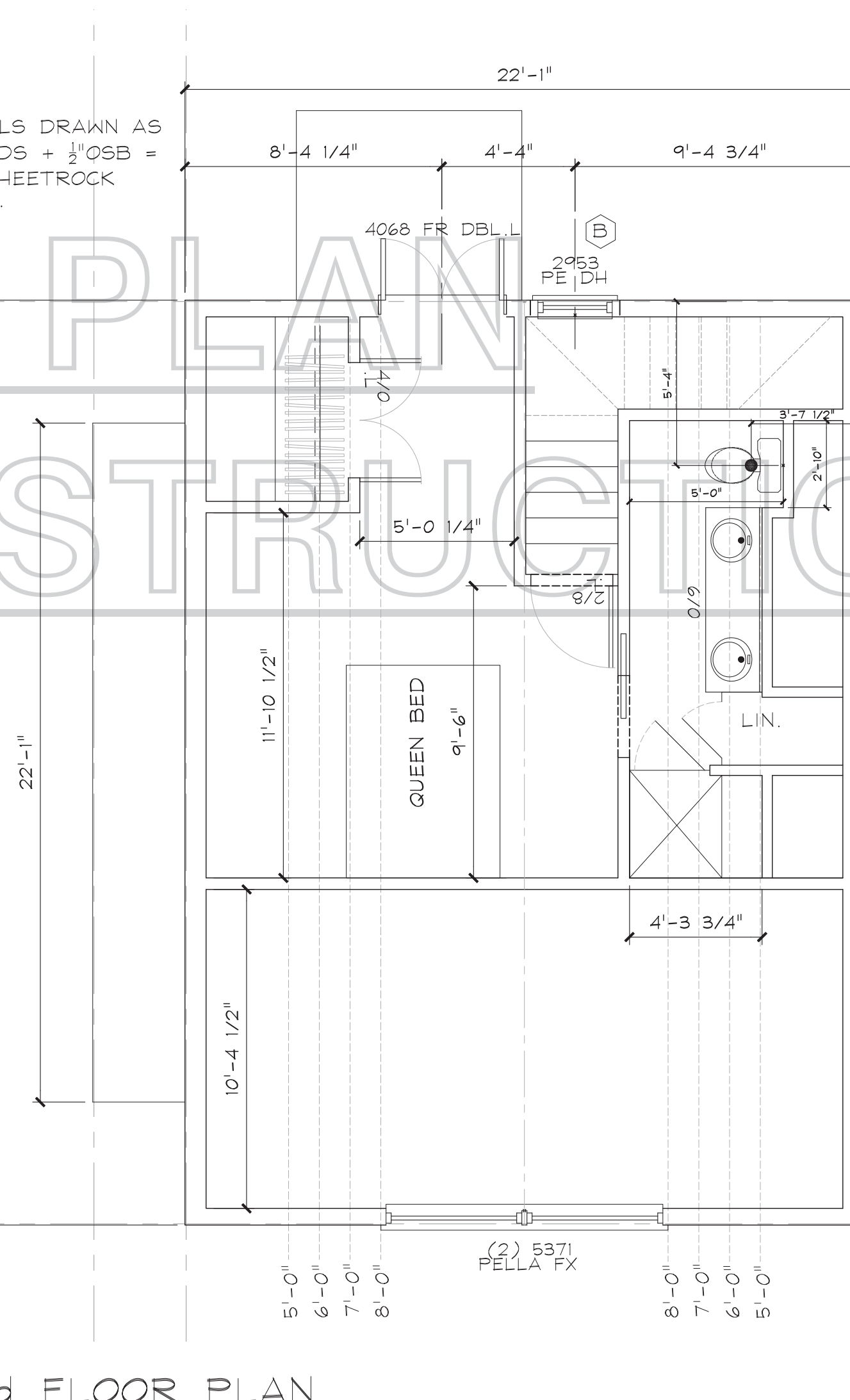
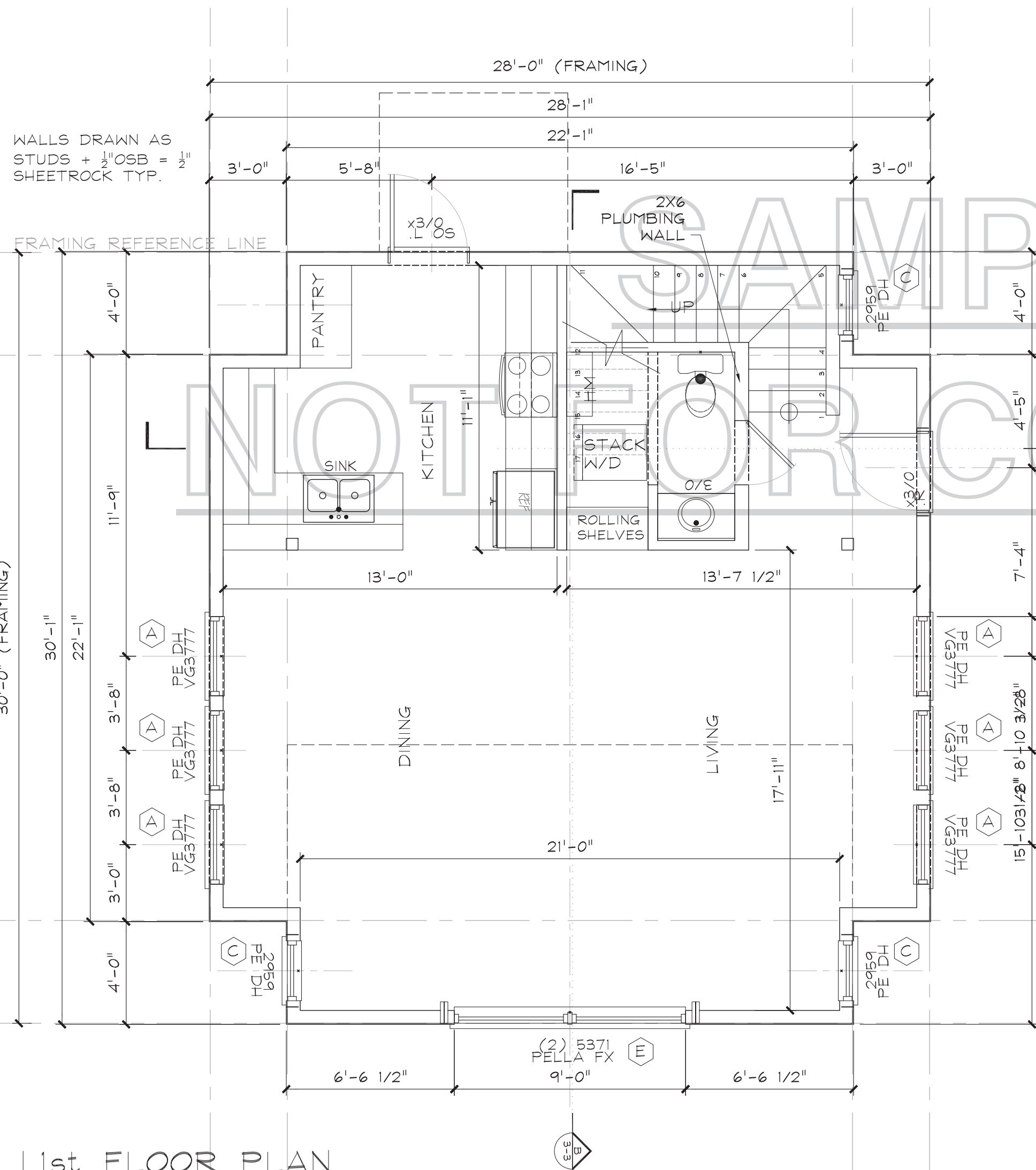


SECOND FLOOR

WALLS DRAWN AS STUDS + 1/2" OSB = 2" SHEETROCK TYP.

WALLS DRAWN AS STUDS + 1/2" OSB = 2" SHEETROCK TYP.

FRAMING REFERENCE LINE



1st FLOOR PLAN
SAMPLE PLAN
NOT FOR CONSTRUCTION

2nd FLOOR PLAN
THIS PLAN MAY BE PURCHASED FOR CONSTRUCTION
CONTACT BOWDEN ENVIRONMENTS TO PURCHASE

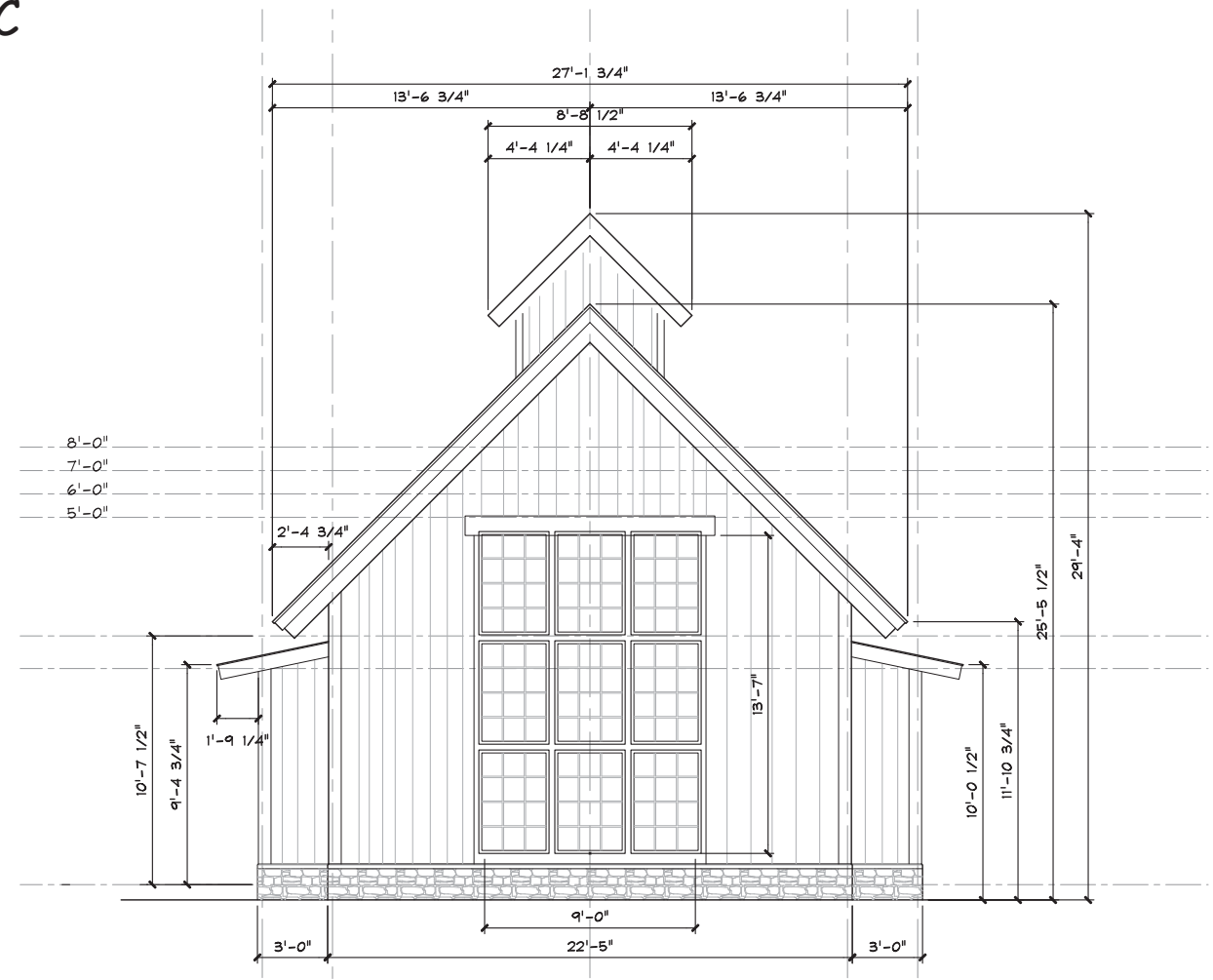
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CABIN - FLOOR PLANS
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DRAWN BY: KB
JOB # 20161
PLAN # 20161
DATE 11/27/2016
SCALE AS NOTED
SHEET C) A1-1

WINDOW SCHEDULE								
QTY	TAG ID	SIZE	TYPE	R.O. WIDTH	R.O. 1/2 W	R.O. HEIGHT	HEAD HEIGHT	PATTERN
6	A	1-VG3771	DH (COTTAGE)	37.75"	18.875"	71.75"		MULLIONS: 4/2; 4/3
1	B	1-2953	DH	29.75"	14.875"	53.75"		MULLIONS: 3/3; 3/3
3	C	1-2959	DH	29.75"	14.875"	59.75"		MULLIONS: 3/3; 3/3
8	D	1-4125	FX	41.75"	20.875"	25.75"		MULLIONS: 4/1
3	E	2-5371	FX	Special Bld		See MFG		MULLIONS: 5/6

Window Schedule
N/A



FRONT ELEVATION - OPTION
N/A

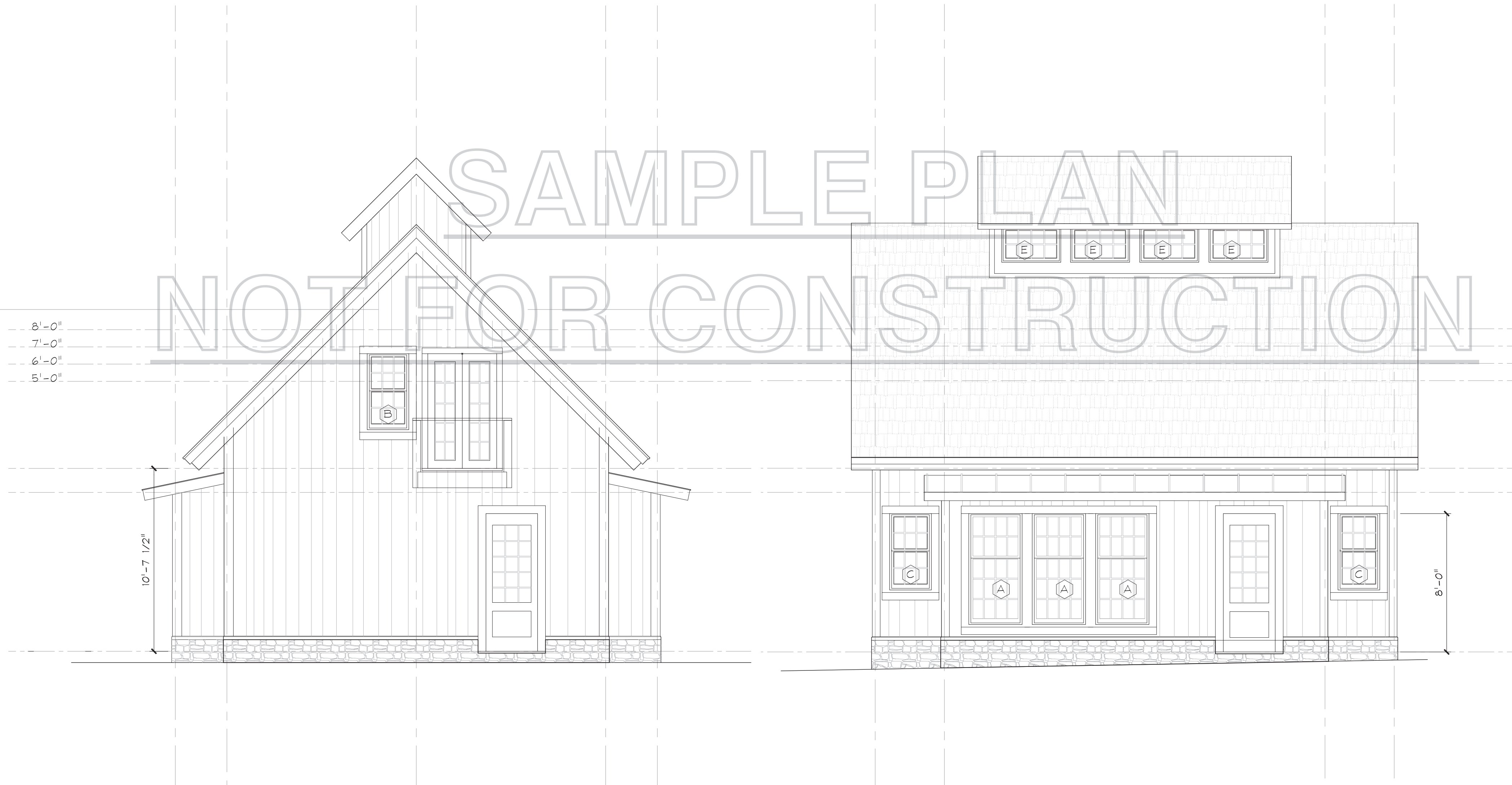


"FRONT" ELEVATION
SAMPLE PLAN
NOT FOR CONSTRUCTION

"LEFT" ELEVATION
THIS PLAN MAY BE PURCHASED FOR CONSTRUCTION
CONTACT BOWDEN ENVIRONMENTS TO PURCHASE

DATE	30	30	30	30	30	30	30
ON BY	REV #	DESCRIPTION					
CABIN - ELEVATIONS							
DRAWN BY:	KB	30	KB	30			
JOB #	20161						
PLAN #	20161						
DATE	11/27/2016						
SCALE	AS NOTED						
SHEET	C) A2-1						

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"REAR" ELEVATION
SAMPLE PLAN
NOT FOR CONSTRUCTION

"RIGHT" ELEVATION
THIS PLAN MAY BE PURCHASED FOR CONSTRUCTION CONTACT BOWDEN ENVIRONMENTS TO PURCHASE

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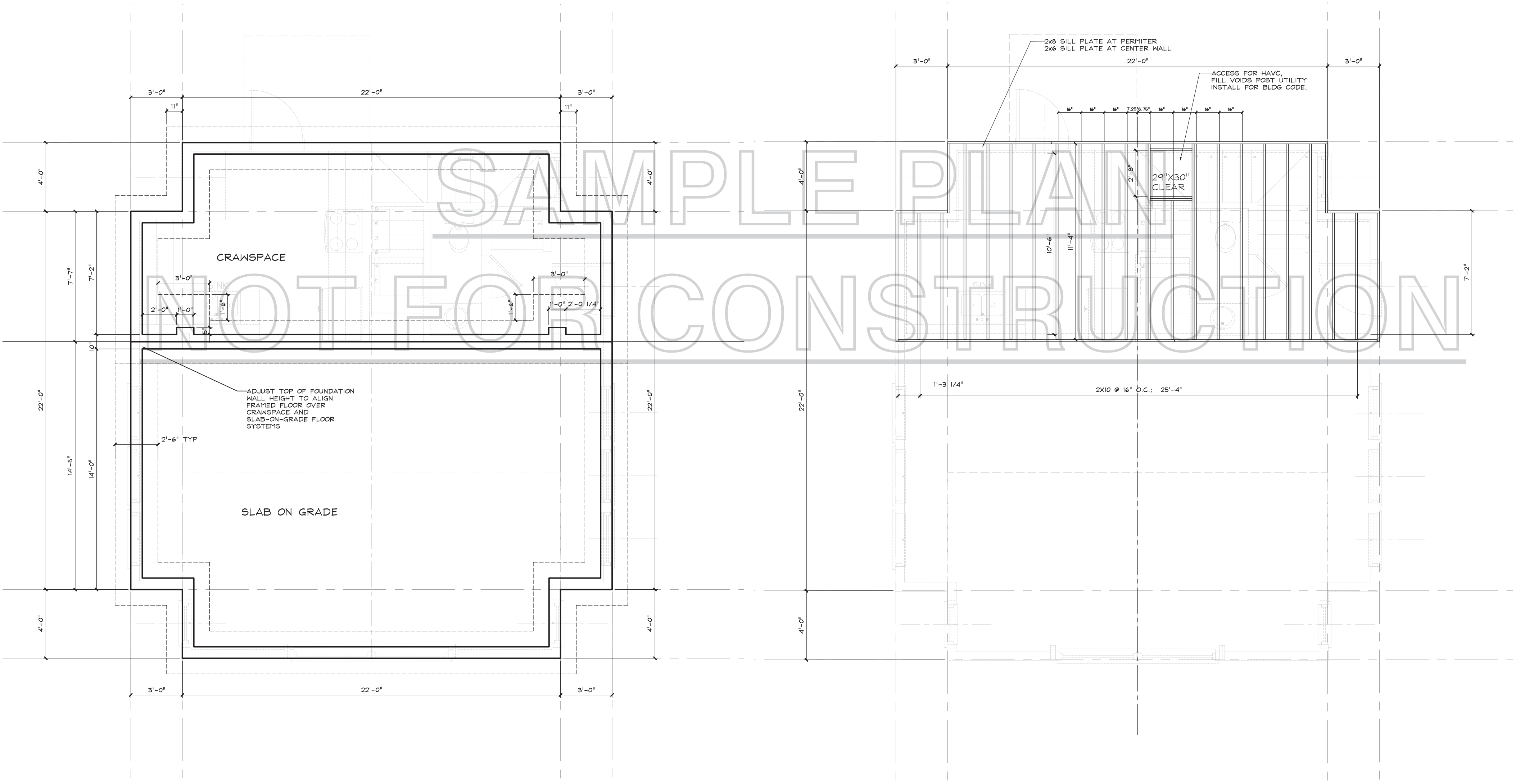
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CABIN — ELEVATIONS

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PLAN #	20161
DATE	11/27/2016
SCALE	AS NOTED
SHEET	C) A2-2



FOUNDATION PLAN
 SAMPLE PLAN
 NOT FOR CONSTRUCTION

FIRST FLOOR - FLOOR FRAMING
 THIS PLAN MAY BE PURCHASED
 FOR CONSTRUCTION
 CONTACT BOWDEN ENVIRONMENTS TO PURCHASE

DATE	DESCRIPTION	ON BY	REV.#
30		KB	1
30		KB	2
30		KB	3
30		KB	4
30		KB	5
30		KB	6
30		KB	7
30		KB	8
30		KB	9
30		KB	10

CABIN - FDIN/FL FRAMING

DRAWN BY: KB
 JOB # 20161
 PLAN # 20161
 11/27/2016
 SCALE AS NOTED
 SHEET C) A3-1

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STRUCTURAL WOOD SCHEDULE

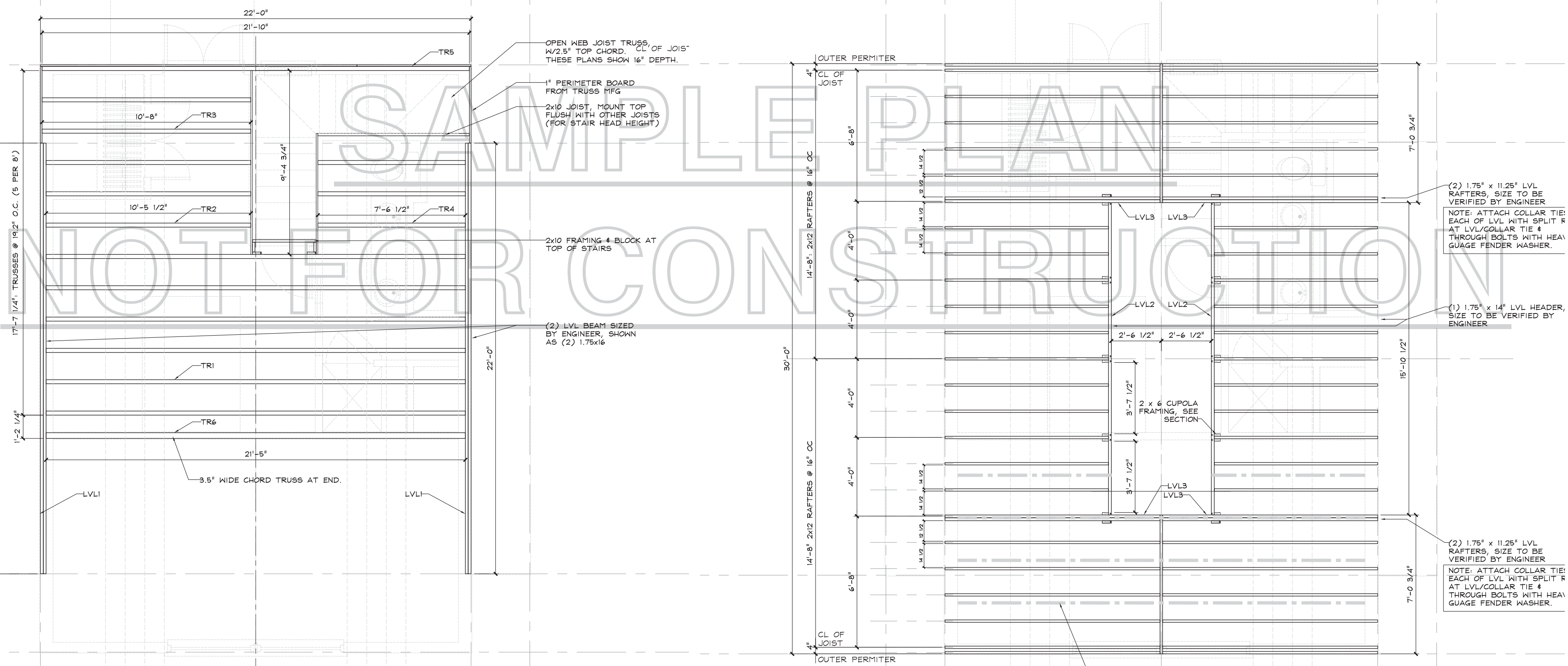
TAG ID	TYPE	SIZE	PLIES	LENGTH	QTY
LVL1	2.0E LAMINATED	1.75"x18"	2.00	22' (VIF)	2
LVL2	2.0E LAMINATED	1.75"x16"	1.00	15'-10 1/2" (VIF)	2
LVL3	2.0E LAMINATED	1.75"x11.25"	2.00	15'-11 3/4" (VIF)	4
TR1	OPEN WEB TRESS	2.5"x16"	1.00	21'-5"	7
TR2	OPEN WEB TRESS	2.5"x16"	1.00	10'-5 1/2"	3
TR3	OPEN WEB TRESS	2.5"x16"	1.00	10'-8"	2
TR4	OPEN WEB TRESS	2.5"x16"	1.00	7'-6 1/2"	
TR5	OPEN WEB TRESS	2.5"x16"	1.00	21'-10"	3
TR6	OPEN WEB TRESS	3.5"x16"	1.00	21'-5"	1

NOTE: ALL STRUCTURAL ELEMENTS IN SCHEDULE IDENTIFY THE ELEMENTS SHOWN IN THE GRAPHICS OF THE DESIGN.

NOTE: ALL STRUCTURAL ELEMENTS ARE TO BE VERIFIED, APPROVED AND IF NECESSARY ADJUST / EDIT ELEMENTS IN THIS DESIGN.

NOTE: BUILDER WILL NEED TO MAKE ADJUSTMENTS FOR ANY CHANGES MADE BY AN ENGINEER. CONTACT DESIGNER IF NECESSARY FOR DESIGN CHANGE SOLUTION.

LVL OR SIMILAR BEAM, QTY & DEPTH DETERMINED BY ENGINEER. DESIGN SECTIONS & PLANS SHOWN AS 2 PLY 16" DEPTH. ADJUST MALL HEIGHT AND JOIST LENGTH FOR CHANGES DUE TO ENGINEER SPECIFICATIONS CABIN AND HOUSE TRUSS DEPTH TO MATCH.



SECOND FLOOR - FLOOR FRAMING
 SAMPLE PLAN
 NOT FOR CONSTRUCTION

ROOF FRAMING
 THIS PLAN MAY BE PURCHASED FOR CONSTRUCTION
 CONTACT BOWDEN ENVIRONMENTS TO PURCHASE



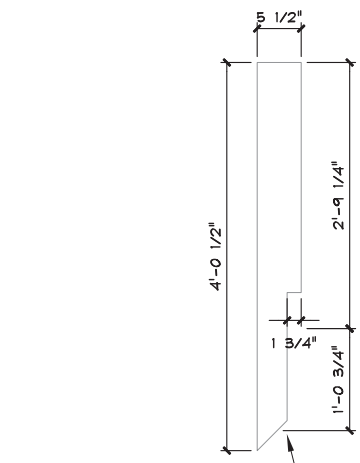
Bowden Environments

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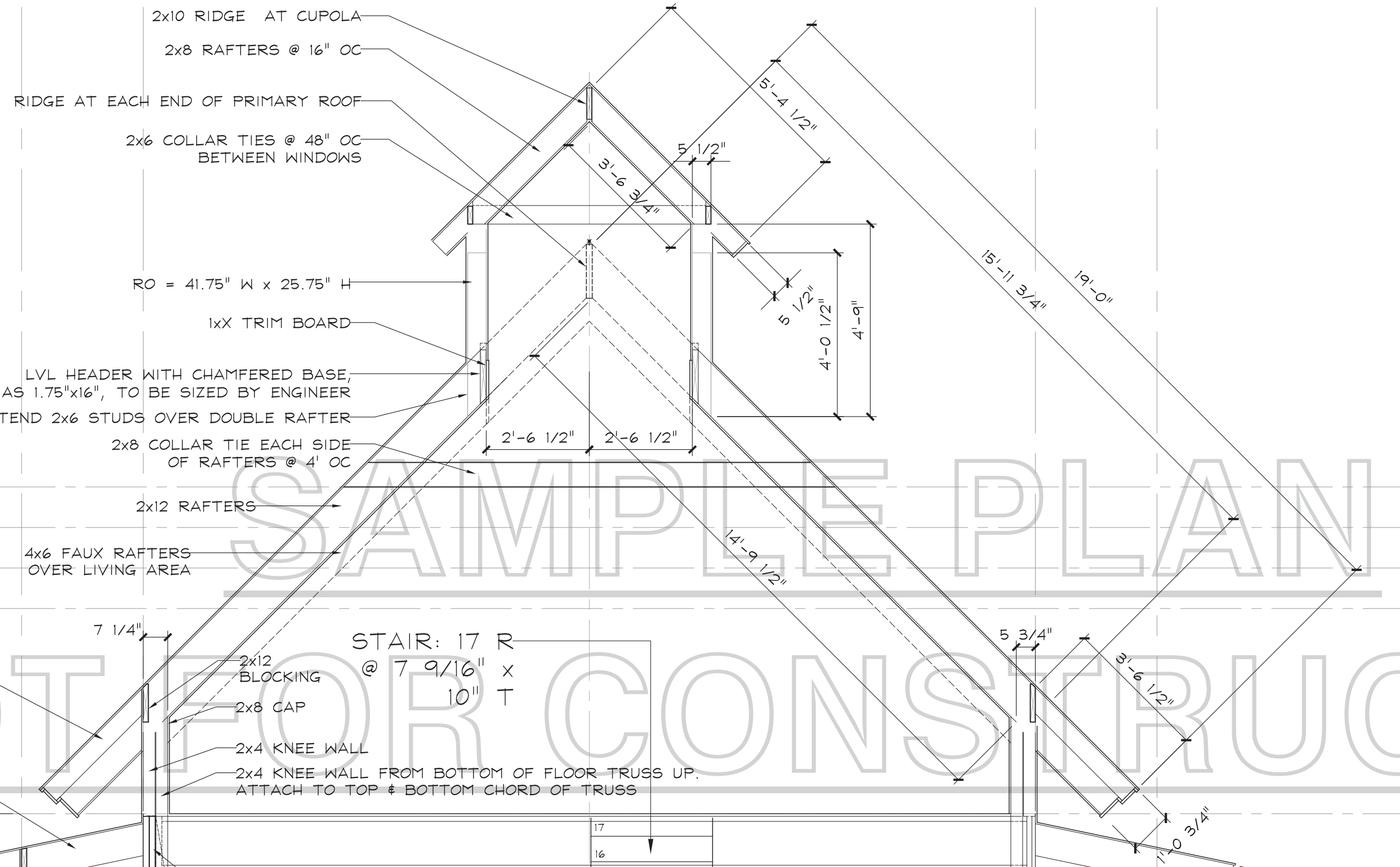
ON BY	REV.#	DESCRIPTION
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CABIN - FRAMING PLANS

DRAWN BY: KB
 JOB # 20161
 PLAN # 20161
 11/27/2016
 SCALE AS NOTED
 SHEET C) A3-1



DETAIL
1/2" = 1'-0"



8'-0"

7'-0"

6'-0"

5'-0"

TOP OF SUB FL.

WALL PLATE

TOP OF SUB FL.

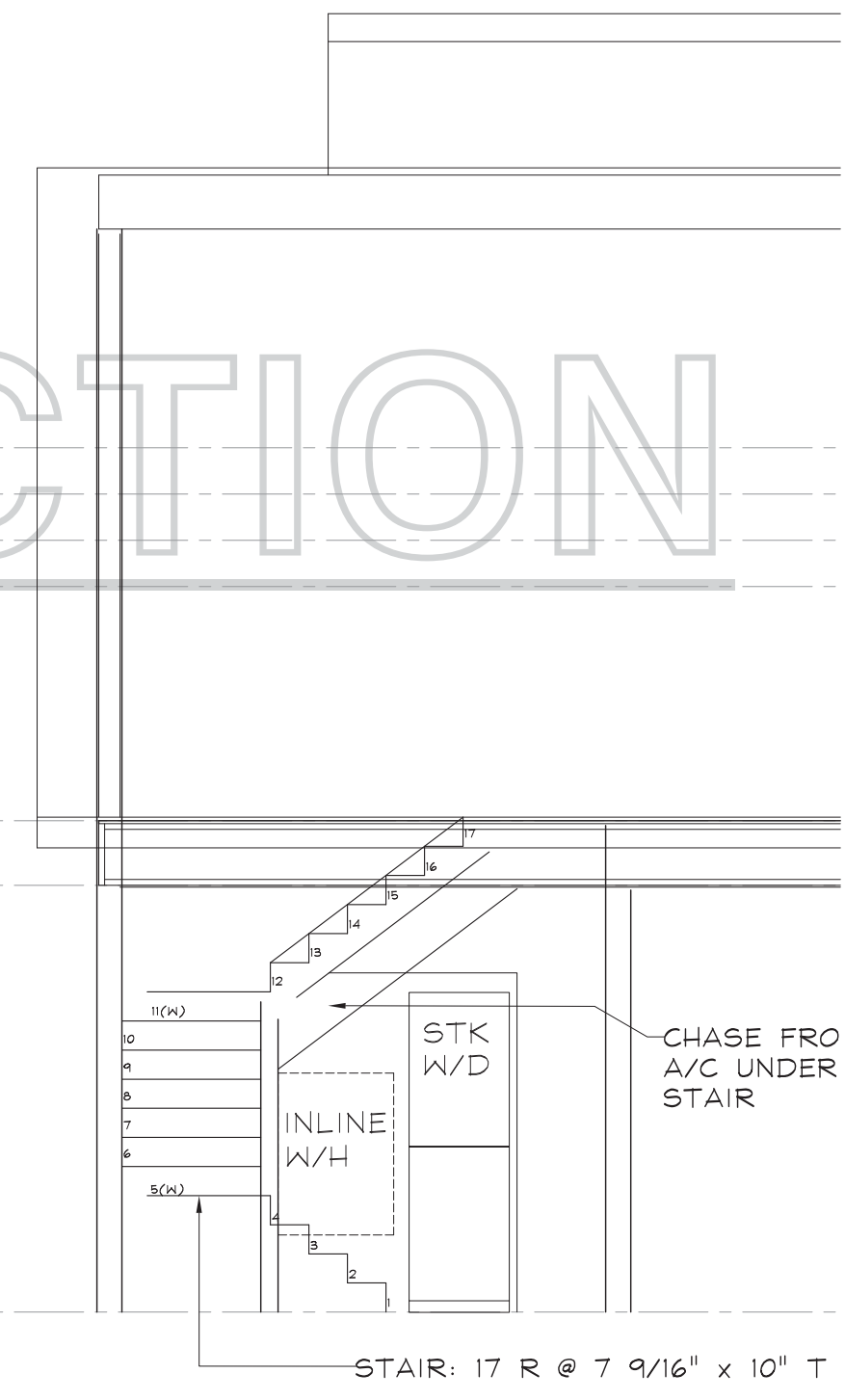
10'-7 1/2" F-F

9'-2 3/4"

8'-5 1/2"

8'-2 1/4" WINDOW RO

STAIR: 17 R
@ 7 9/16" x
10" T



DATE	DESCRIPTION

DRAWN BY:	KB
JOB #	20161
PLAN #	20161
DATE	11/27/2016
SCALE	AS NOTED
SHEET	C) A3-1