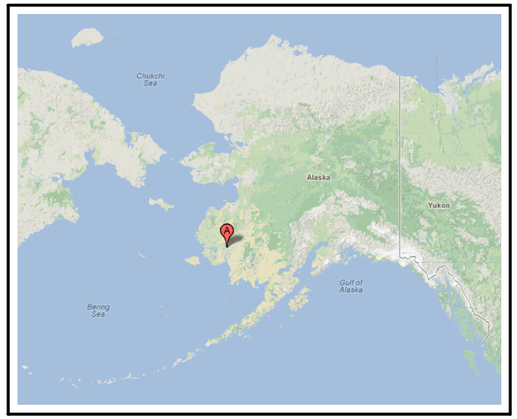
Project Location

1 Project Location



2 Project Location

LIST OF DRAWINGS

A0.0	COVER SHEET
C1.0	SITE PLAN
C1.1	SITE PLAN LOT 5
C1.2	SITE PLAN LOT 6
A1.0	FOUNDATION/FRAMING PLAN
A1.1	TRUSS PROFILES
A1.2	PLYWOOD LAYOUT
A1.3	1st FLOOR PLAN
A1.4	2nd FLOOR PLAN
A2.0	ELEVATIONS
A2.1	NORTH ELEVATION
A2.2	EAST ELEVATION
A2.3	SOUTH ELEVATION
A2.4	WEST ELEVATION
A3.0	BUILDING SECTIONS
A3.1	BUILDING SECTIONS
A4.0	DETAILS
A4.1	DETAILS
A4.2	DETAILS
A4.3	KITCHEN DETAILS
A5.1	WINDOW AND DOOR SCHED…
E1.0	ELECTRICAL LIGHTING LAY…
M1.0	MECHANICAL VENTILATION …
M1.1	MECHANICAL SECTION

General Notes

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DRAWN BY:	Aa

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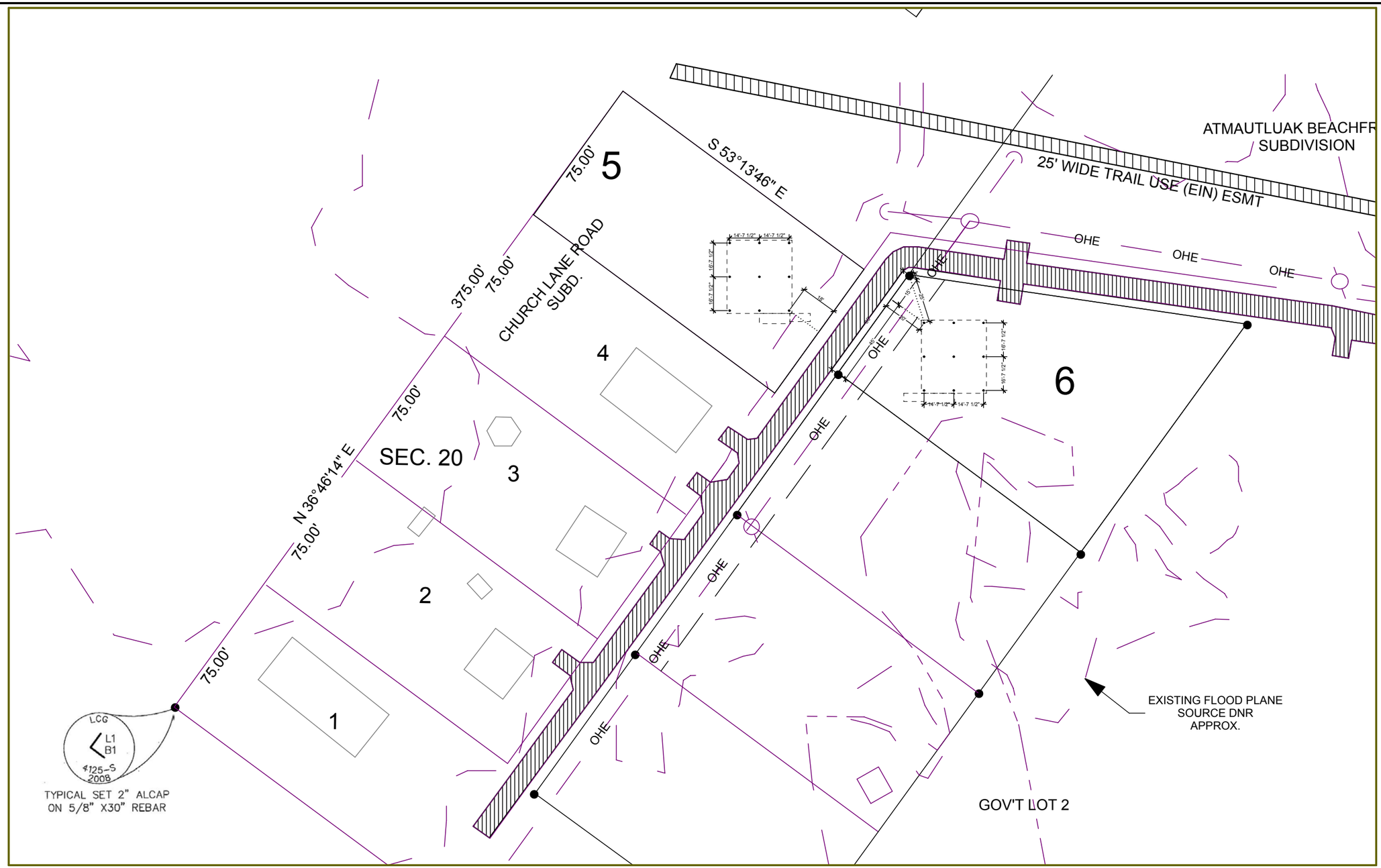
PROJECT
PIKAT PROTOTYPE HOME
FOR THE COMMUNITY OF ATMAUTLUAK
ATMAUTLUAK, ALASKA
ISSUED
12th July 2013
DESIGN DEVELOPMENT PROGRESS SET

COVER SHEET

A0.0

SHEET___ OF ___

Aaron Cooke 10/21/13 /Users/aaroncooke/Desktop/2013_09_2/ A1MAUTLUAK PROTOTYPE.pln



1 SITE PLAN

SCALE: 1" = 50'

0 20' 50' 100'

General Notes

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SITE PLAN

C1.0

SHEET___ OF ___

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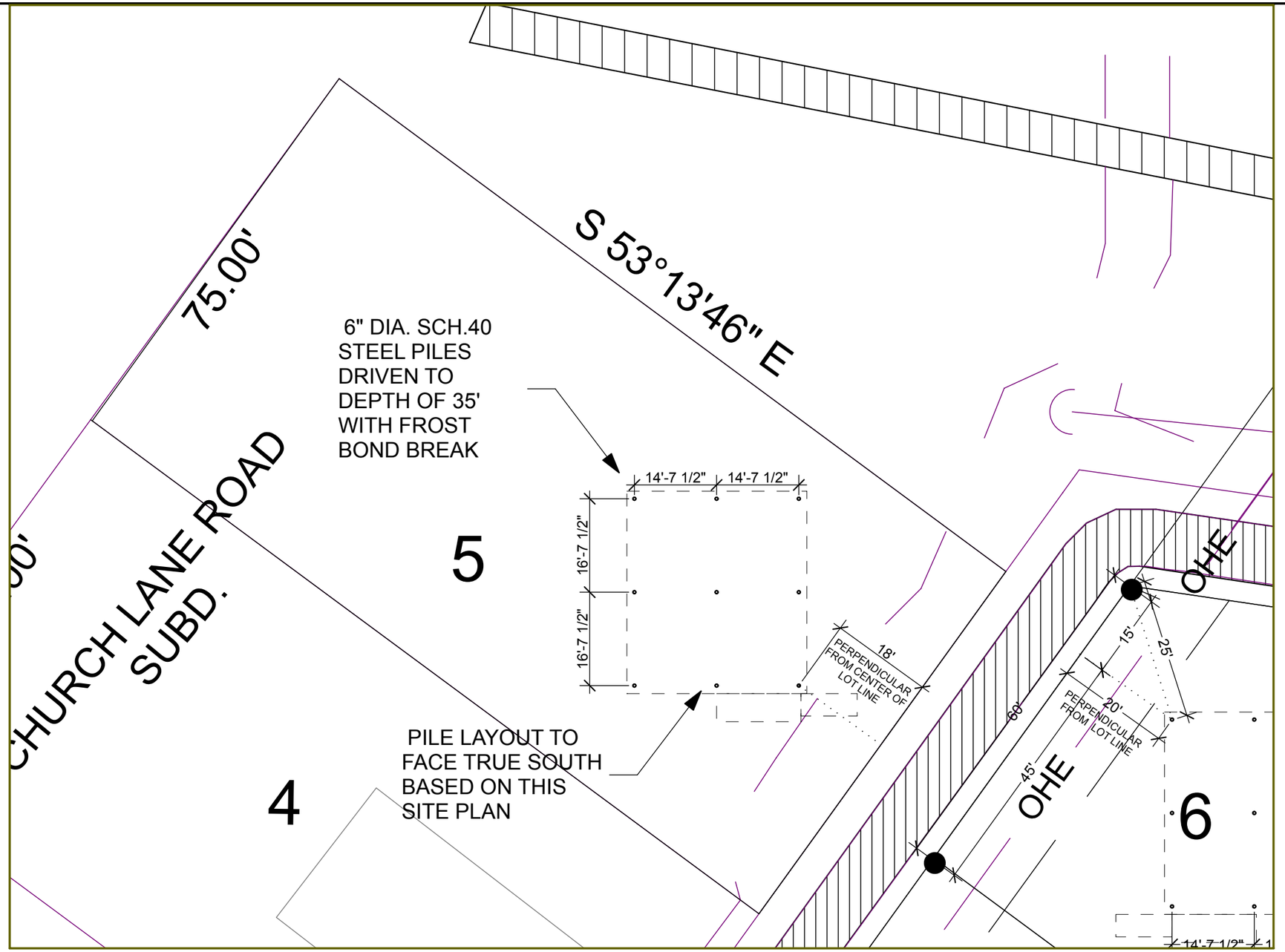
Aaron Cooke



N

1 SITE PLAN LOT 5 PILE STAKING PLAN

SCALE: 1" = 20'

0 10' 20' 40'

General Notes

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SITE PLAN LOT 5

C1.1

SHEET___ OF ___

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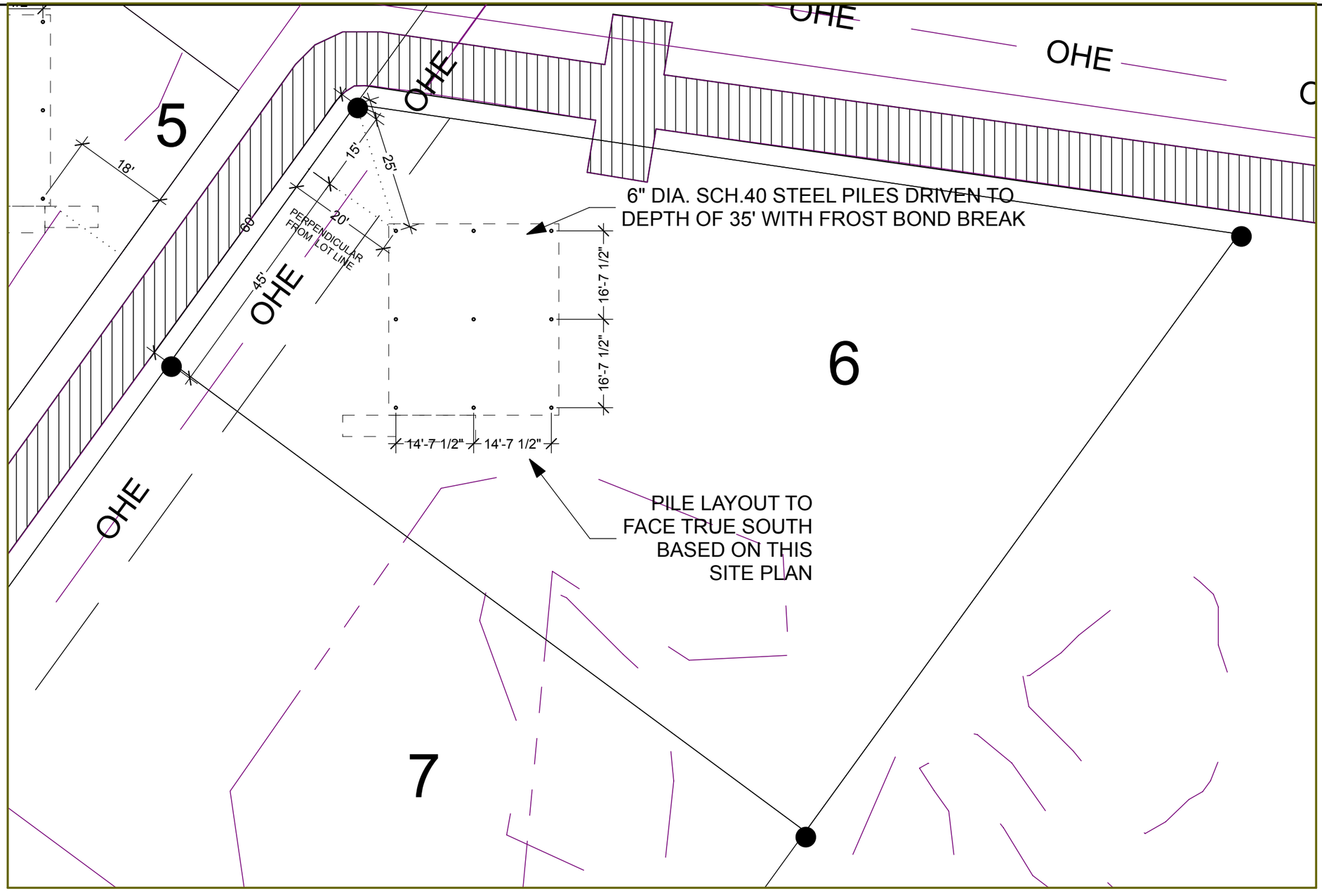

1 SITE PLAN LOT 6 PILE STAKING PLAN

SCALE: 1" = 20'

0 10' 20' 40'

General Notes

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SITE PLAN LOT 6

C1.2

SHEET___ OF ___

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N

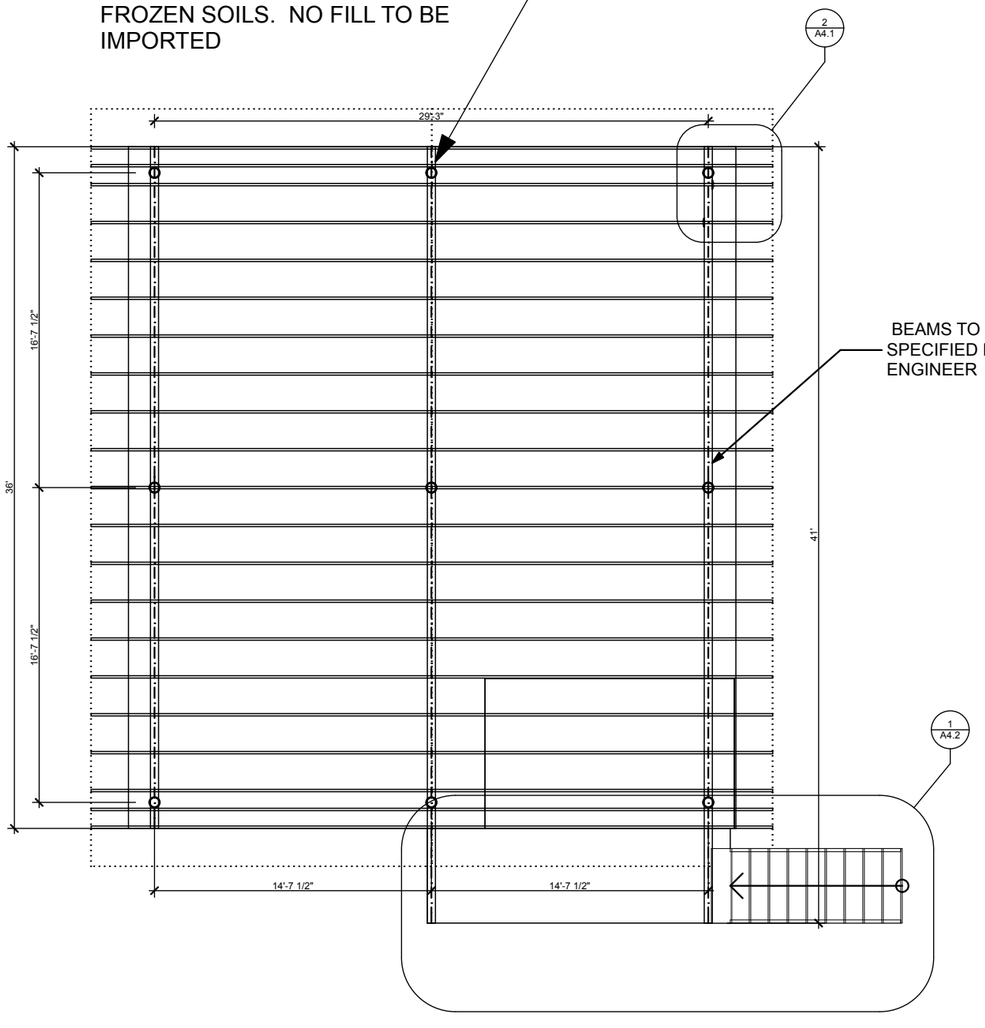
NOTES

PILES EXPOSED 3' ABOVE GRADE

ADJUSTABLE SADDLE BRACKET WELDED TO TOP OF PILE FOR CONNECTION WITH GLULAM BEAM

PILES DRIVEN DIRECTLY INTO FROZEN SOILS. NO FILL TO BE IMPORTED

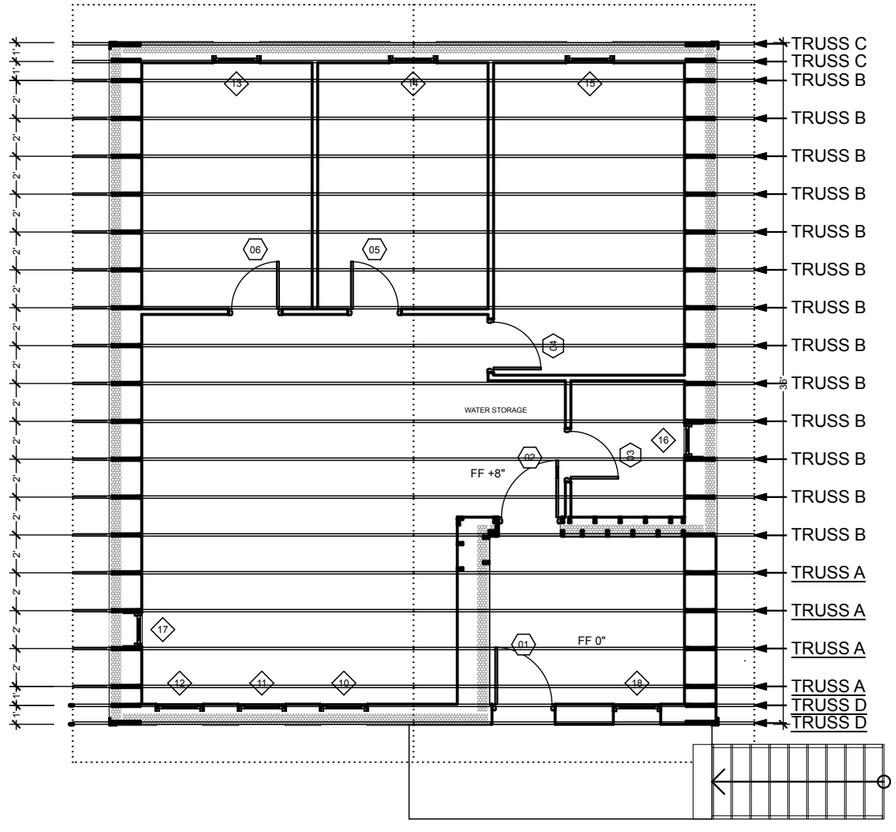
6" DIA. SCH.40 STEEL PILES DRIVEN TO DEPTH OF 35' WITH FROST BOND BREAK



① FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'



② FRAMING PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

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FOUNDATION/ FRAMING PLAN

A1.0

SHEET____ OF ____

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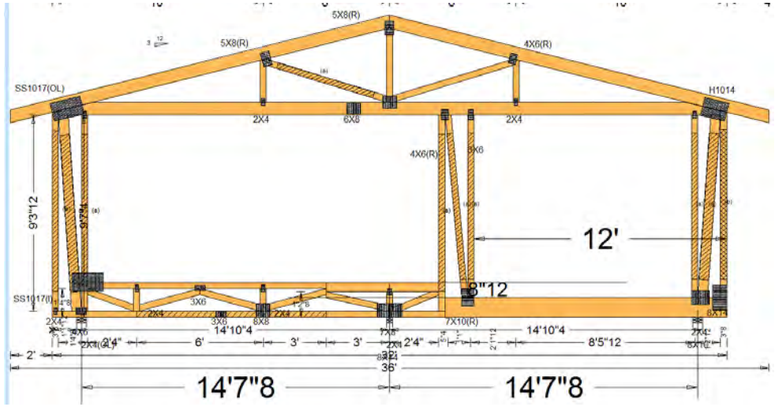
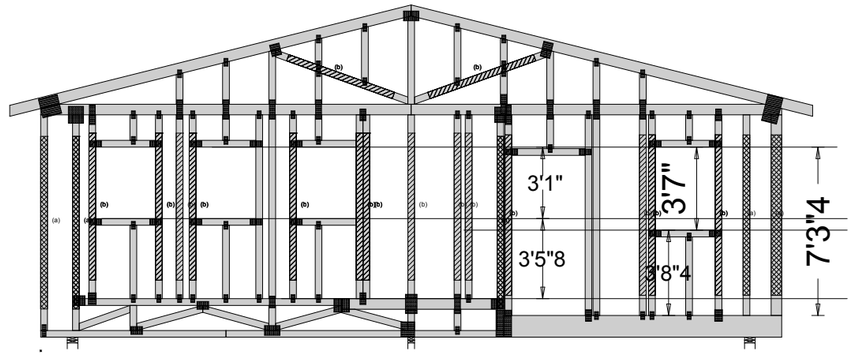


① TRUSS A PROFILE

NOT TO SCALE

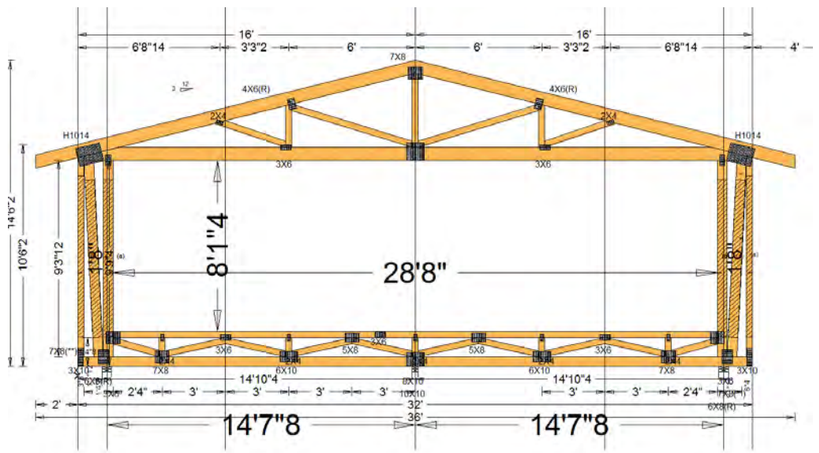
DESIGNED BY OTHERS



④ TRUSS D PROFILE

NOT TO SCALE

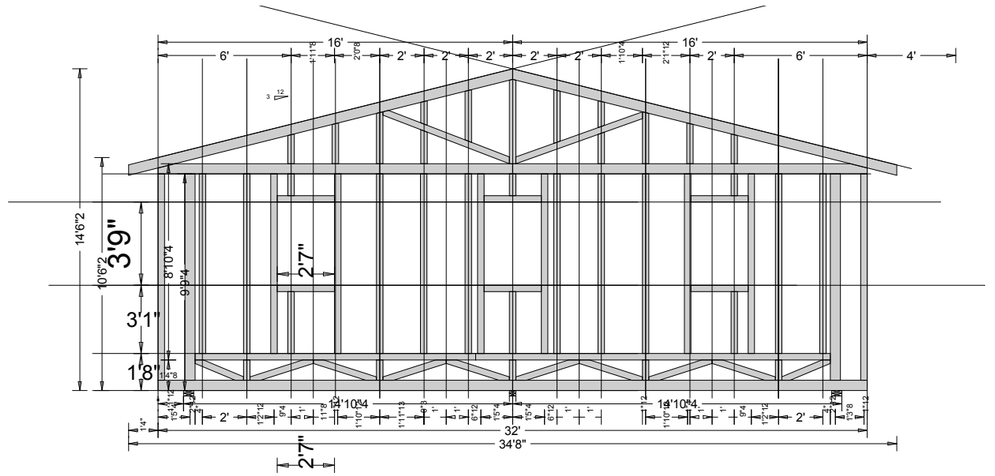
DESIGNED BY OTHERS



② TRUSS B PROFILE

NOT TO SCALE

DESIGNED BY OTHERS



③ TRUSS C PROFILE

NOT TO SCALE

DESIGNED BY OTHERS

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TRUSS PROFILES

A1.1

SHEET___ OF ___

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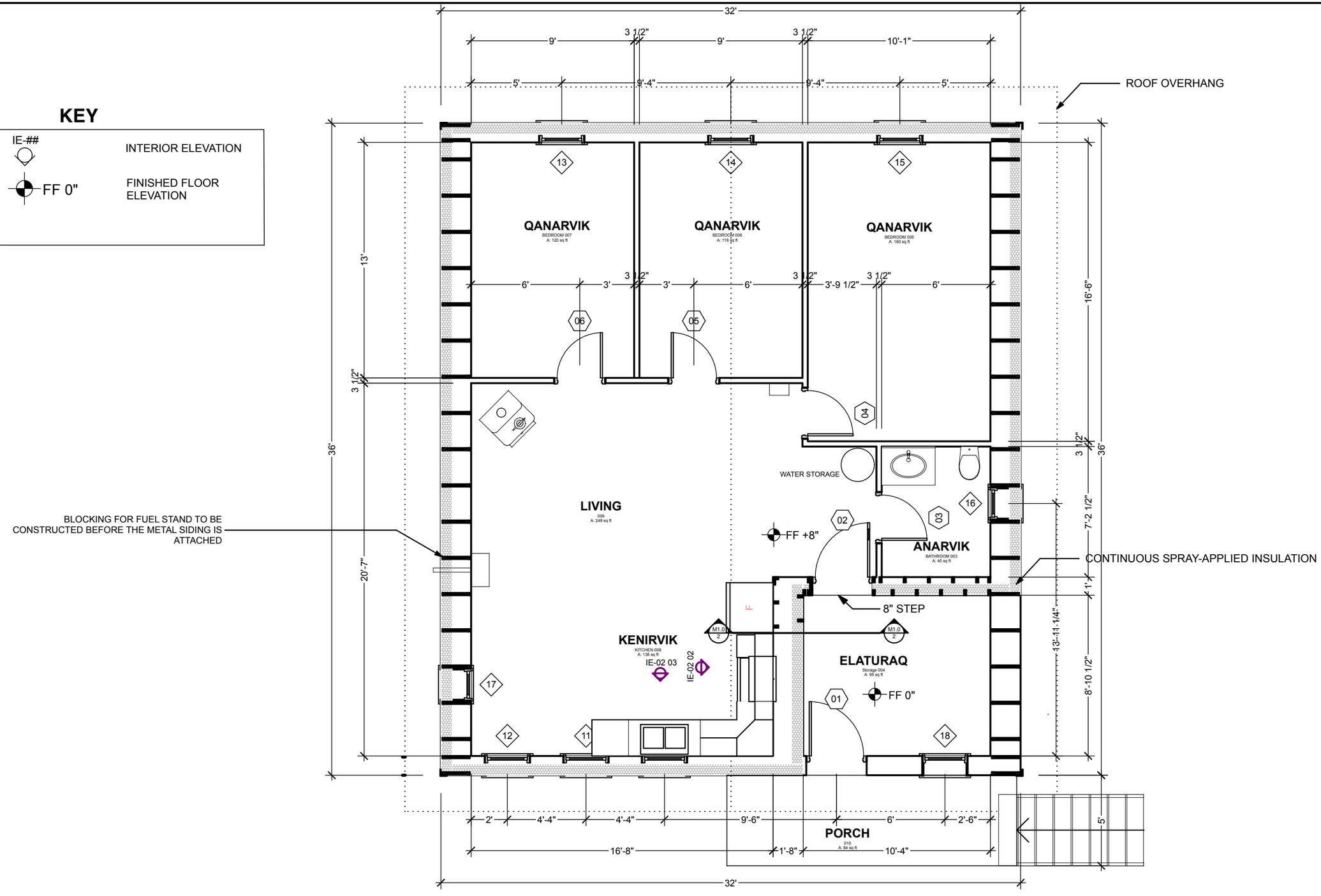
KEY

IE-## — INTERIOR ELEVATION

FF 0" — FINISHED FLOOR ELEVATION



1 FLOORPLAN
SCALE: 3/16" = 1'-0"

0 4' 8' 12'

General Notes

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1st FLOOR PLAN

A1.3

SHEET ___ OF ___

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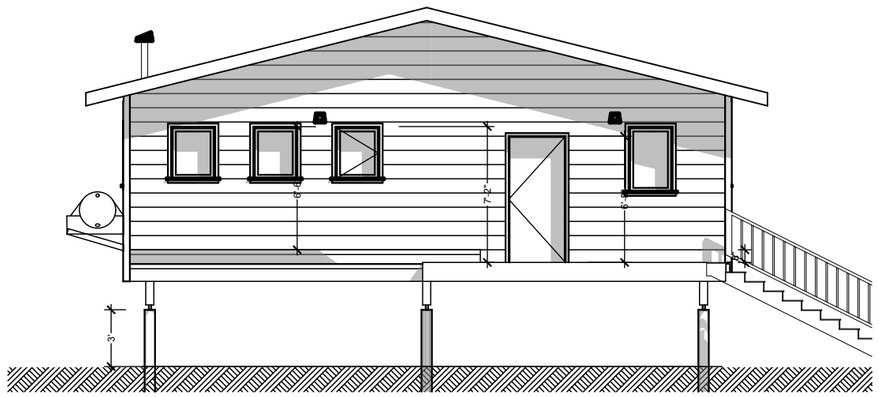
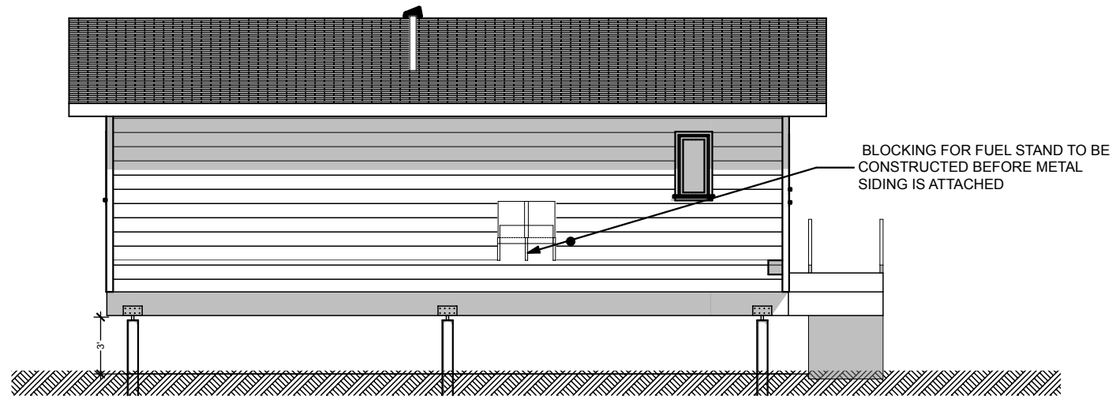


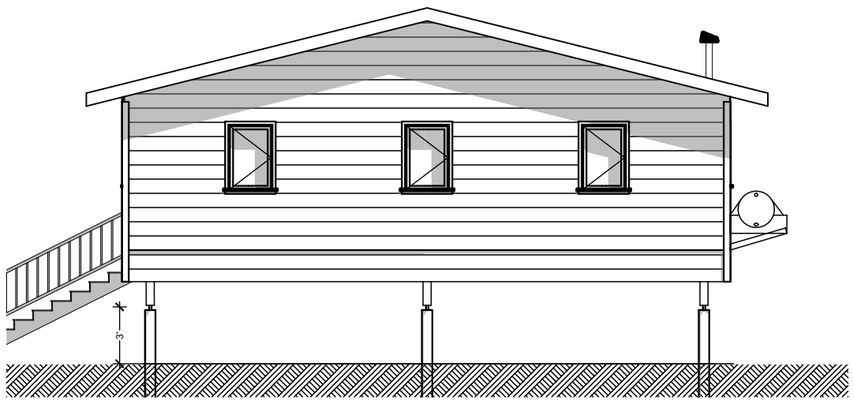
① SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

0 4' 8' 16'



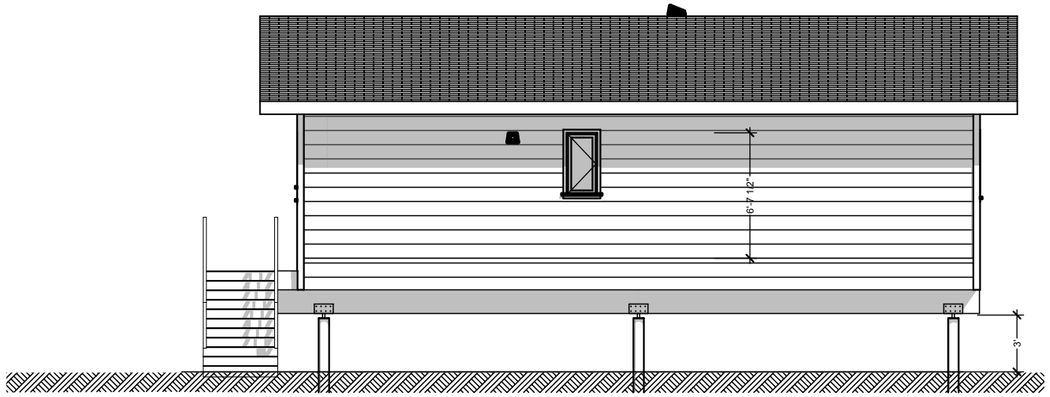
② WEST ELEVATION
SCALE: 1/8" = 1'-0"

0 4' 8' 16'



③ NORTH ELEVATION
SCALE: 1/8" = 1'-0"

0 4' 8' 16'



④ EAST ELEVATION
SCALE: 1/8" = 1'-0"

0 4' 8' 16'

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ELEVATIONS

A2.0

SHEET___ OF ___

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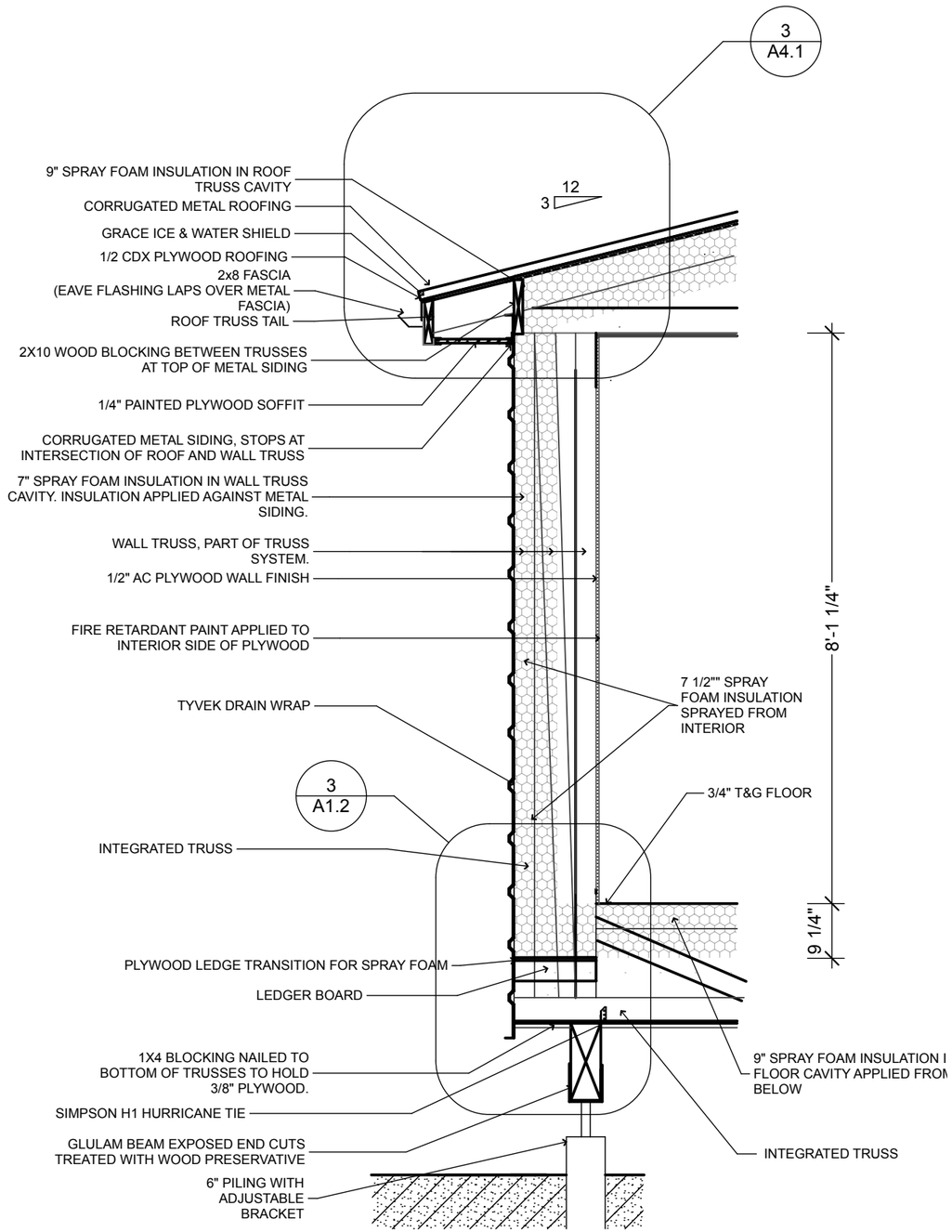
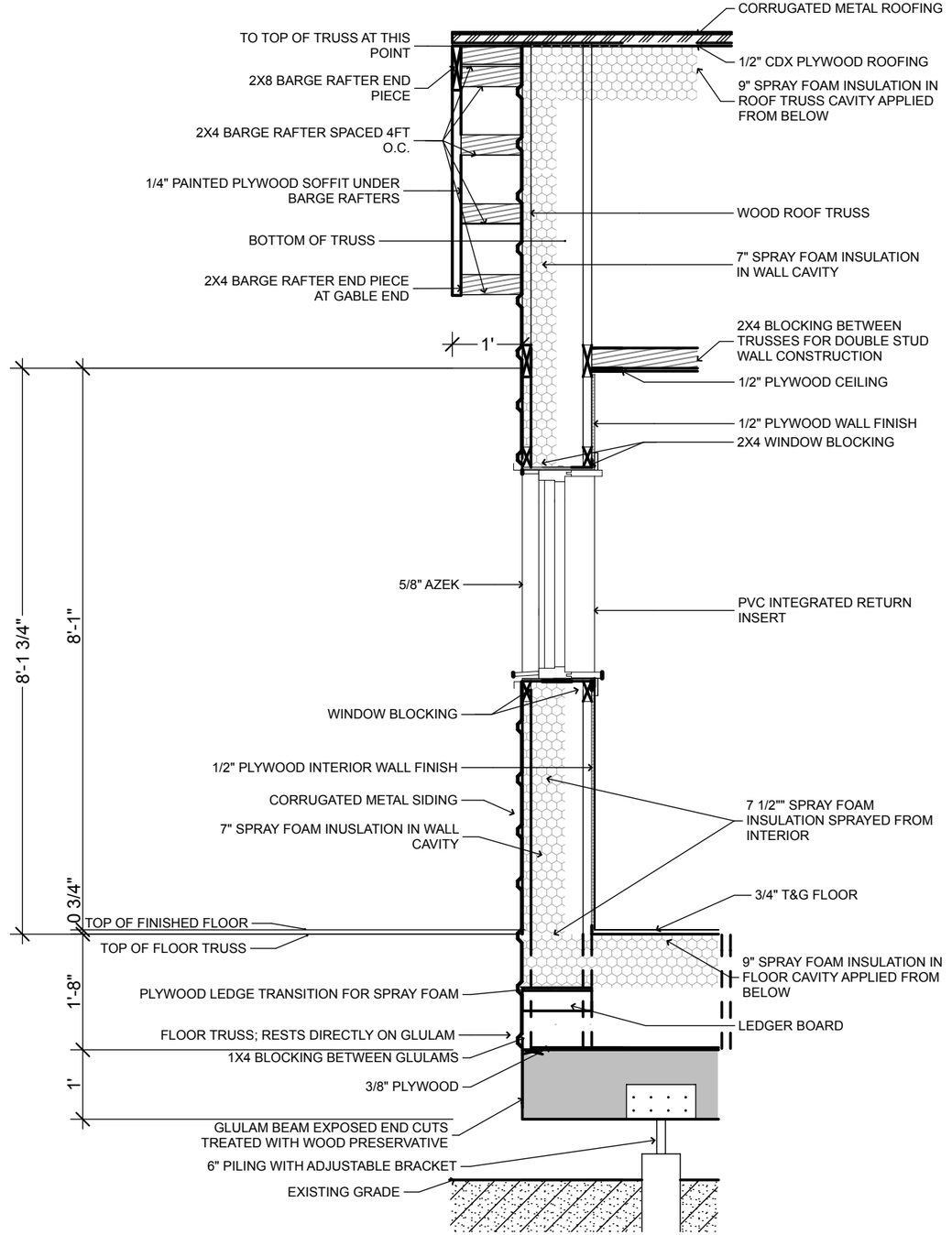


② FOUNDATION PLAN

SCALE: 1/2" = 1'-0"

0 1' 2' 4'



① GABLE WALL SECTION

SCALE: 1/2" = 1'-0"

0 1' 2' 4'

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DETAILS

A4.0

SHEET ___ OF ___

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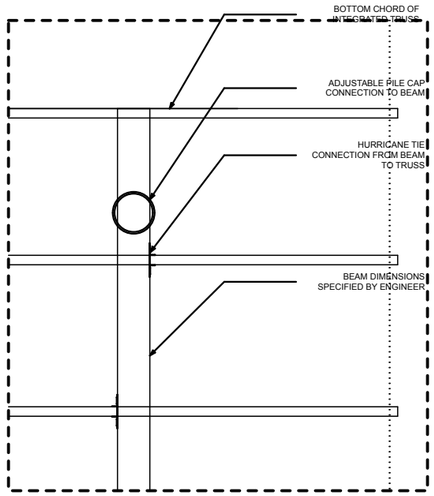
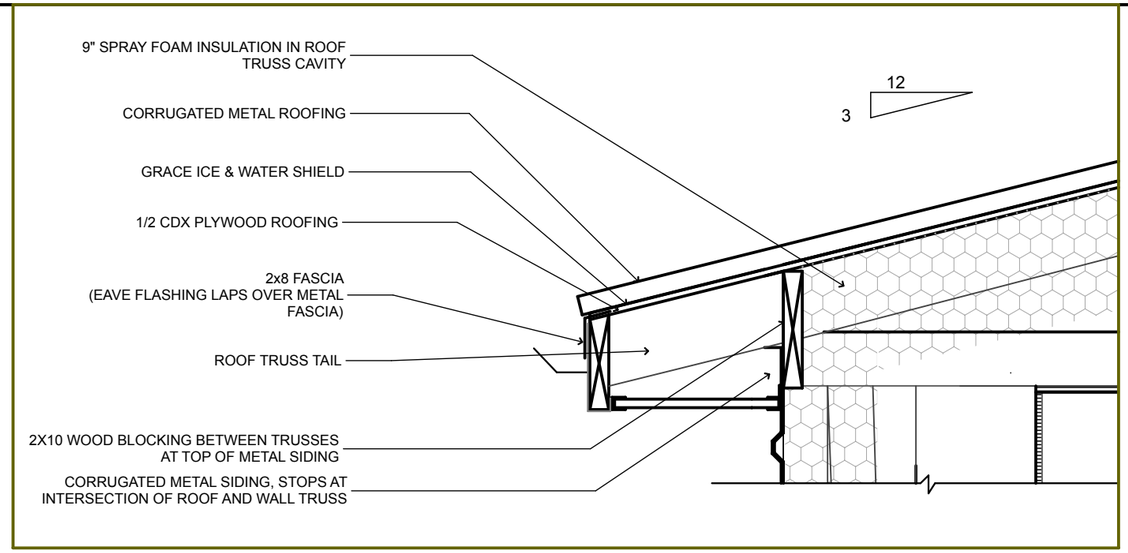


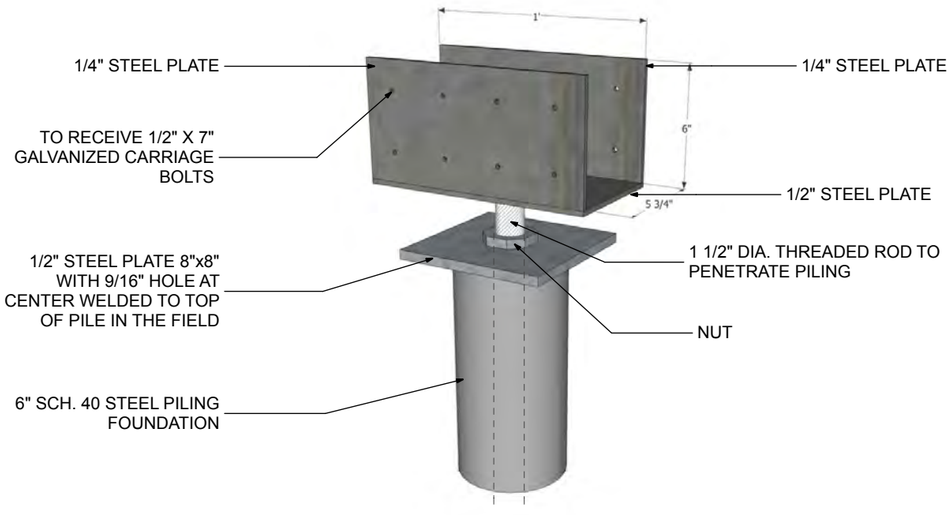
② FOUNDATION FRAMING DETAIL
SCALE: 1/2" = 1'-0"

0 1' 2' 4'

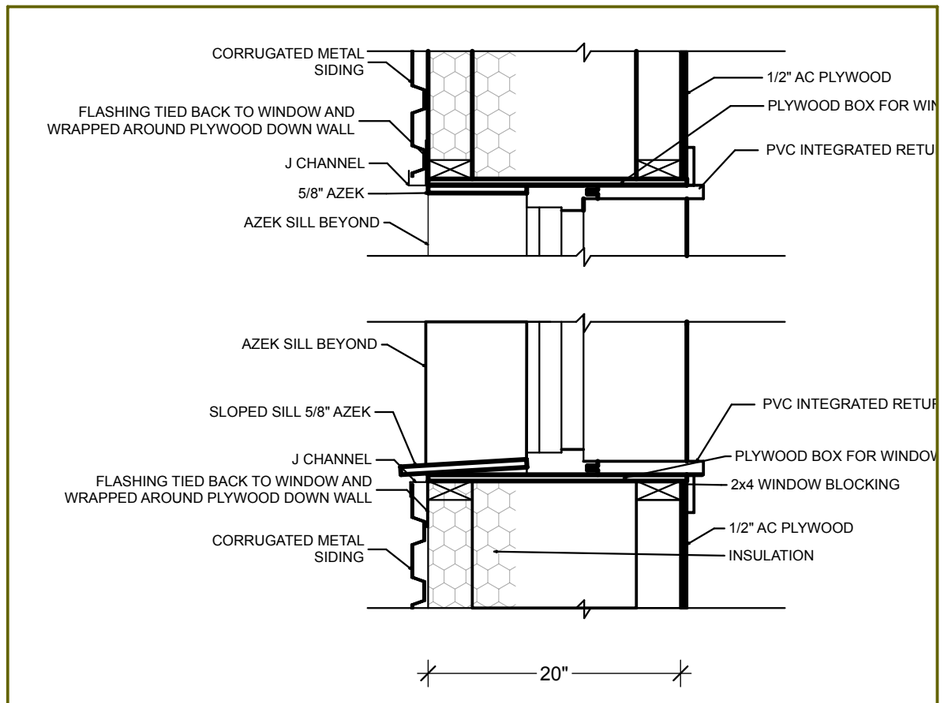


③ SOFFIT DETAIL
SCALE: 1" = 1'-0"

0 6" 1' 2'



④ BRACKET DETAIL



① WINDOW DETAIL
SCALE: 1" = 1'-0"

0 6" 1' 2'

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DETAILS

A4.1

SHEET ___ OF ___

/Users/aaroncooke/Desktop/2013_09_27 ATMAUTLUAK PROTOTYPE.pin
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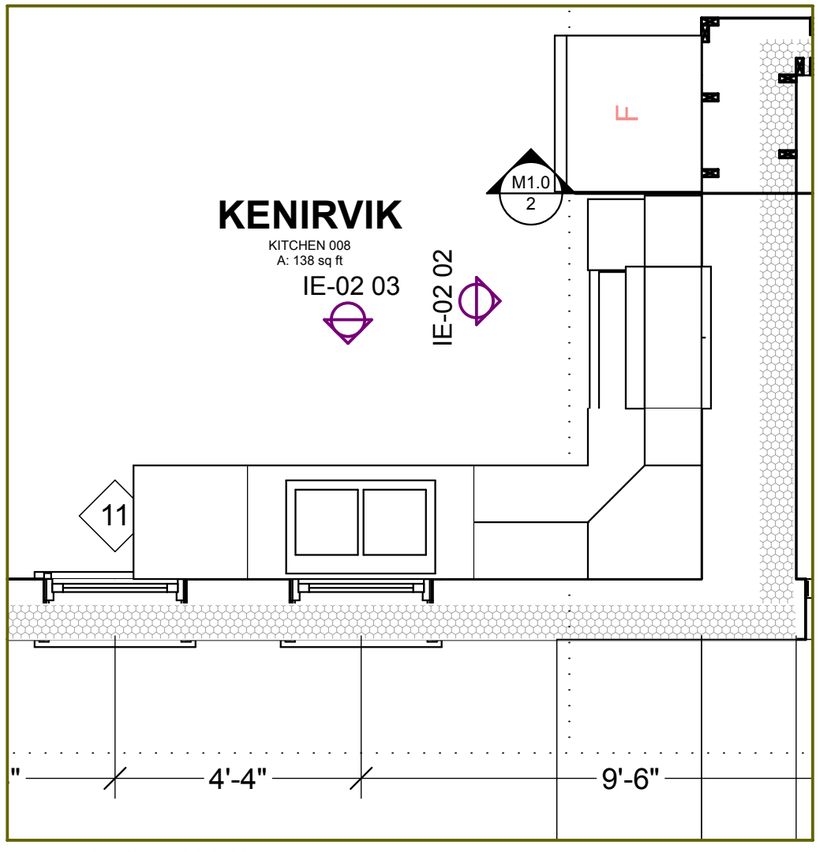
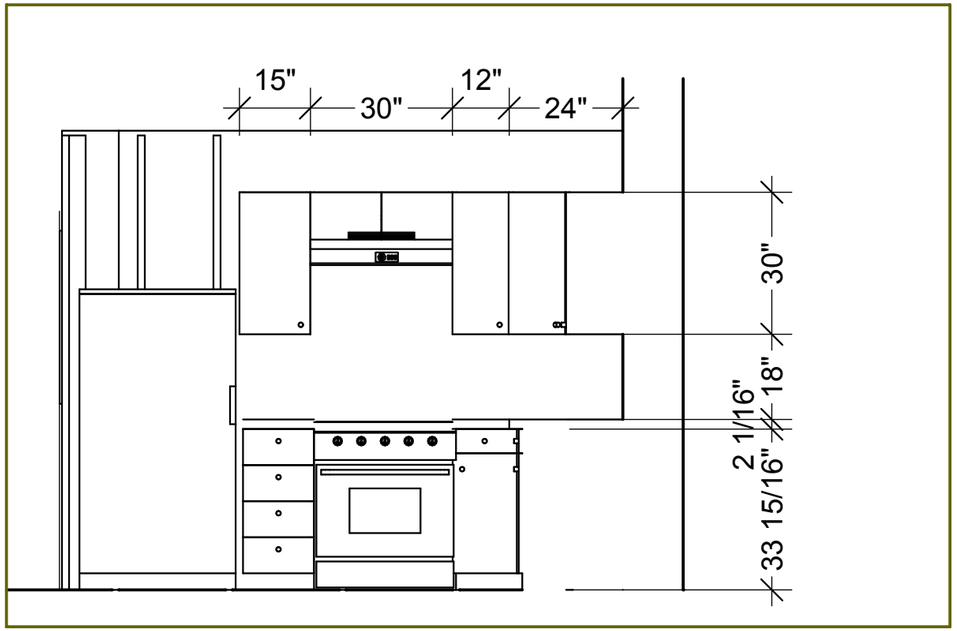
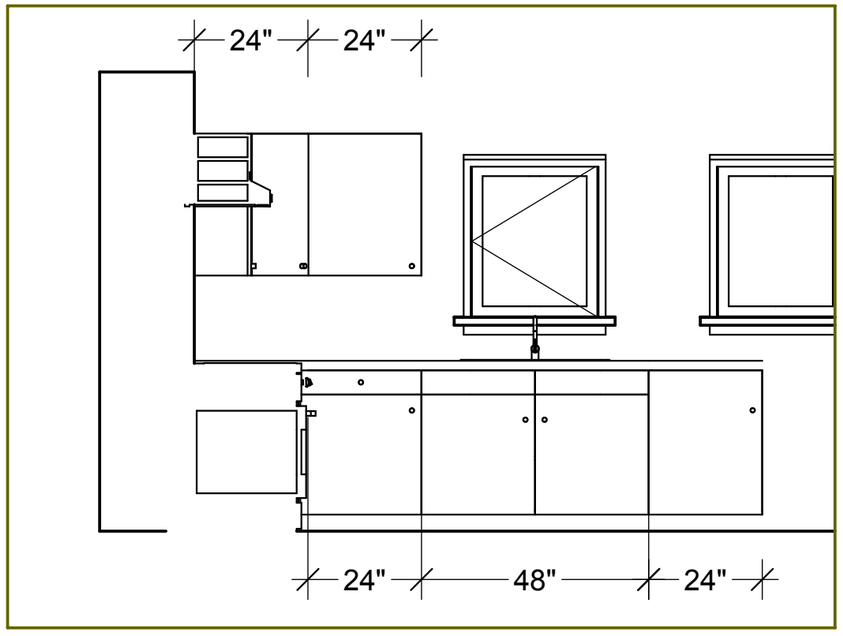


1 KITCHEN PLAN
SCALE: 3/8" = 1'-0"
0 2' 4' 6'



2 INTERIOR ELEVATION-02 02
SCALE: 3/8" = 1'-0"
0 2' 4' 6'



3 INTERIOR ELEVATION-02 03
SCALE: 3/8" = 1'-0"
0 2' 4' 6'

General Notes

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KITCHEN DETAILS

A4.3

SHEET___ OF ___

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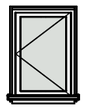
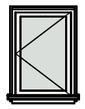
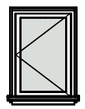
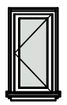
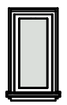
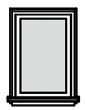
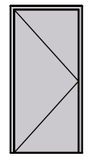
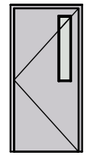
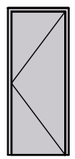
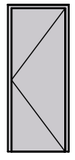
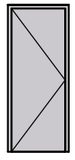
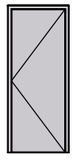
10/21/13
Aaron Cooke

WINDOW SCHEDULE

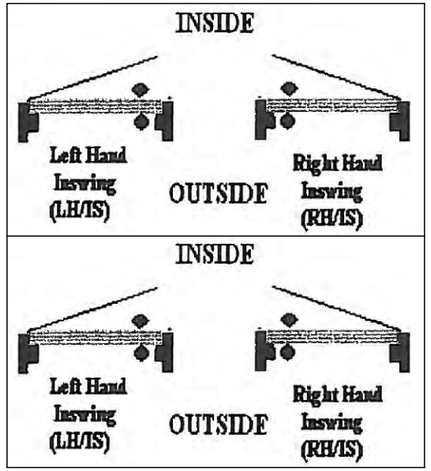
LABEL	TYPE	WIDTH	HEIGHT	R.O.	Open Direction	Front View
10	PVC casement Triple glazed with Argon gas and buck extension as per specifications	2'-5"	2'-11"	2'-7" x 3'-1"	Right	
11	PVC casement Triple glazed with Argon gas and buck extension as per specifications	2'-5"	2'-11"	2'-7" x 3'-1"	Fixed	
12	PVC casement Triple glazed with Argon gas and buck extension as per specifications	2'-5"	2'-11"	2'-7" x 3'-1"	Fixed	
13	PVC casement, Triple glazed with Argon gas and buck extension as per specifications	2'-5"	3'-7 1/4"	2'-7" x 3'-9"	Right	
14	PVC casement, Triple glazed with Argon gas and buck extension as per specifications	2'-5"	3'-7 1/4"	2'-7" x 3'-9"	Right	
15	PVC casement, Triple glazed with Argon gas and buck extension as per specifications	2'-5"	3'-7 1/4"	2'-7" x 3'-9"	Right	
16	PVC casement, Triple glazed with Argon gas and buck extension as per specifications	1'-8 1/2"	3'-5"	1'-9 1/2" x 3'-7"	Right	
17	PVC casement, Triple glazed with Argon gas and buck extension as per specifications	1'-8 1/2"	3'-5"	1'-9 1/2" x 3'-7"	Right	
18	PVC casement, Triple glazed with Argon gas and buck extension as per specifications	2'-5"	3'-7 1/4"	2'-7" x 3'-9"	Fixed	

1 WINDOW SCHEDULE

DOOR SCHEDULE

DOOR NO.	TYPE	WIDTH	HEIGHT	WALL THICKNESS	SWING	HARDWARE	3D Front View
01	FIBER GLASS INSULATED DOOR	3'	6'-8"	1'8-1/2" PLUS METAL	LHIS	DEADBOLT AND KEYED LOCK	
02	FIBER GLASS INSULATED DOOR	3'	6'-8"	1'1"	RHIS	KEYED LOCK	
03	SOLD CORE INTERIOR DOOR	2'-6"	6'-8"	4-1/2"	RHIS	PASSAGE LOCK	
04	SOLD CORE INTERIOR DOOR	2'-6"	6'-8"	4-1/2"	RHIS	PASSAGE LOCK	
05	SOLD CORE INTERIOR DOOR	2'-6"	6'-8"	4-1/2"	LHIS	PASSAGE LOCK	
06	SOLD CORE INTERIOR DOOR	2'-6"	6'-8"	4-1/2"	RHIS	PASSAGE LOCK	

2 DOOR SCHEDULE



General Notes

DESIGNED BY:	SNC
DRAWN BY:	Aa

No.	Rev./Issue	10/21/13

COLD CLIMATE HOUSING RESEARCH CENTER
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PROJECT
PIKAT PROTOTYPE HOME
FOR THE COMMUNITY OF ATMAUTLUAK
ATMAUTLUAK, ALASKA
ISSUED
12th July 2013
DESIGN DEVELOPMENT PROGRESS SET

WINDOW AND DOOR SCHEDULES

A5.1

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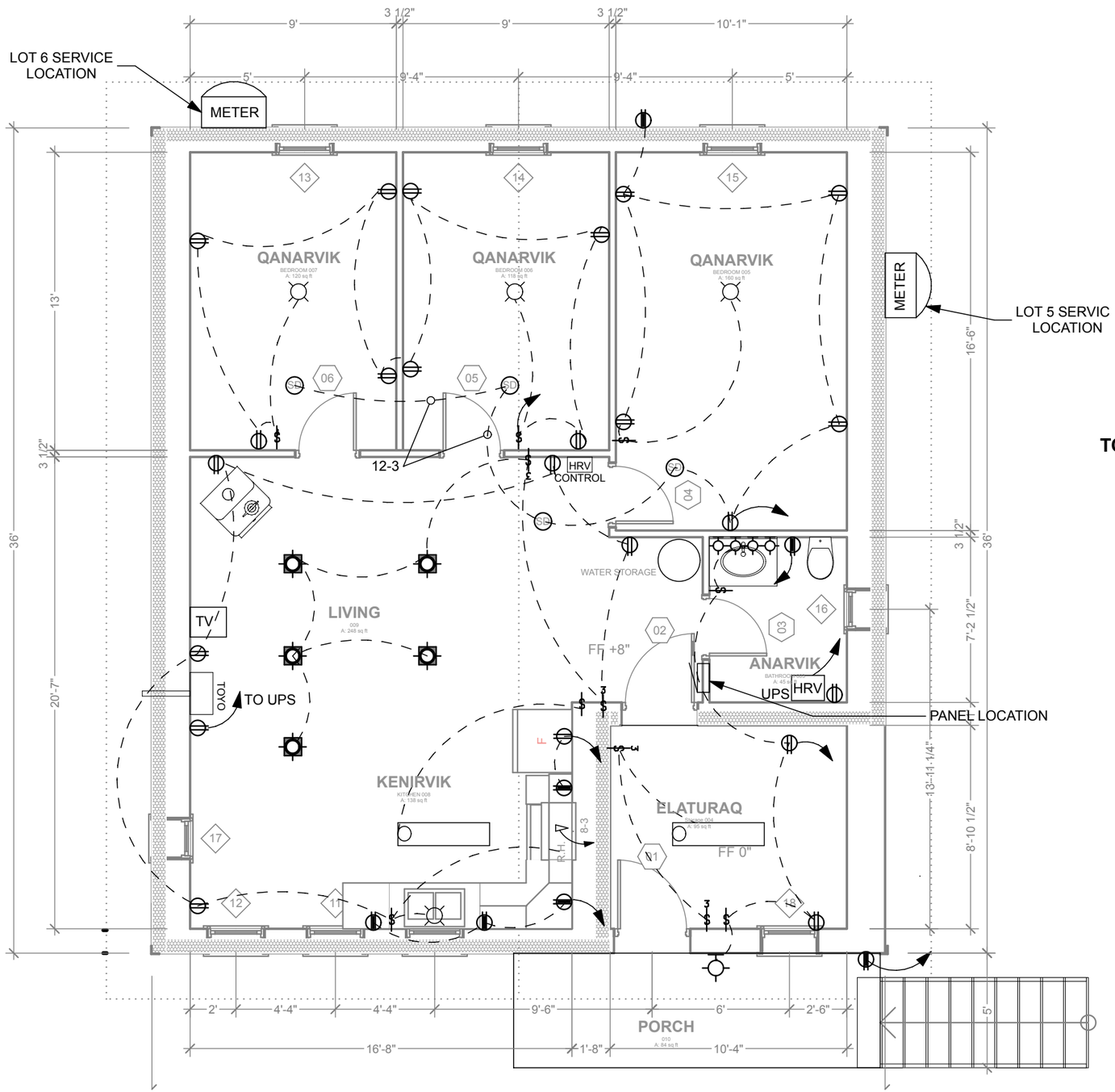


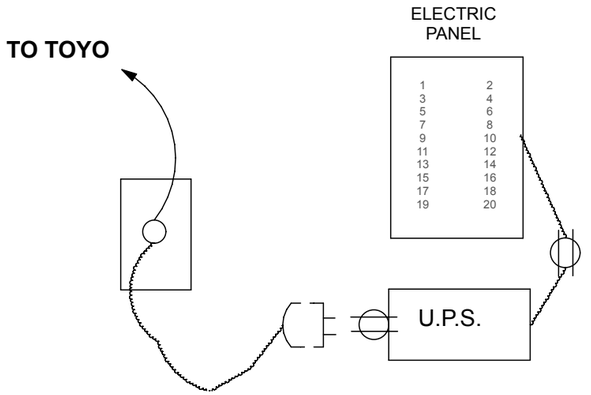
① ELECTRICAL PLAN

SCALE: 3/16" = 1'-0"

0 4' 8' 12'

KEY

	RECEPTACLE
	GFI RECEPTACLE
	SWITCH
3	3-WAY SWITCH
SD	SMOKE DETECTOR
TV	TELEVISION
	TELEPHONE
	OUTDOOR LIGHT
	SCONCE LIGHT
RB	DOORBELL
T8	T8 FIXTURE
	CAN LIGHT



② BATTERY BACKUP

PANEL

1* BEDROOM 1 RECEPTACLES AND LIGHTS	TOILET **2**
3* BEDROOM 2,3 RECEPTACLES AND LIGHTS	TOYO HEATER **4**
5* LIVING ROOM RECEPTACLES AND LIGHTS	HRV **6**
7 KITCHEN RECEPTACLES	ENTRANCE REC AND LIGHTS **8**
9 KITCHEN RECEPTACLES	HBH **10**
11 RANGE	**12**
13 RANGE	**14**
15	**16**
17	**18**
19	**20**

* ARCFAULT

③ PANEL

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ELECTRICAL LIGHTING LAYOUT

E1.0

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NOTES

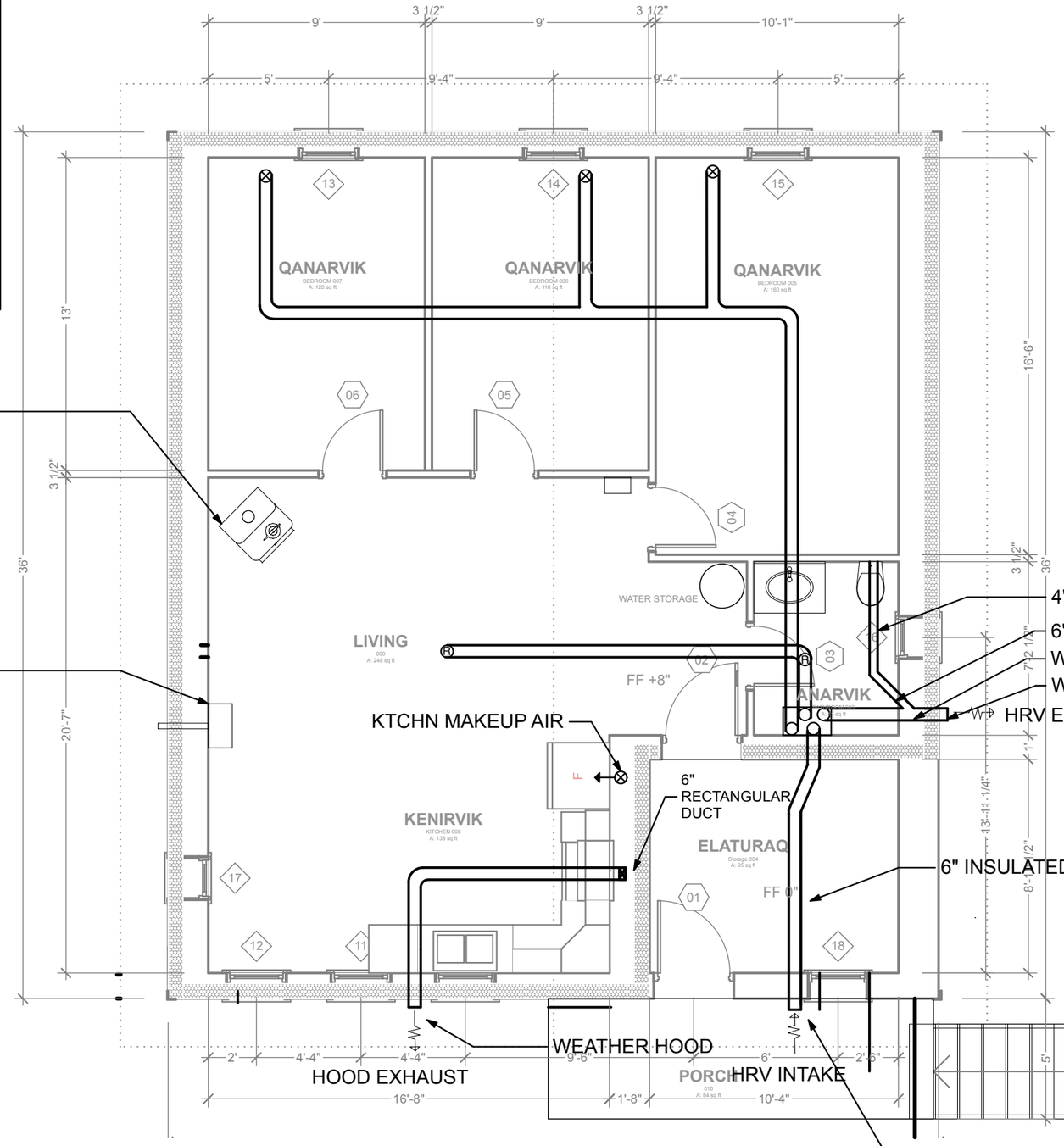
1. VENMAR EKO HRV

2. UNDERCUT ALL BEDROOM DOORS 2"

3. ALL SUPPLY REGISTERS IN CIELING

4. MAXIMUM DUCT HANGER SPACING: 8'

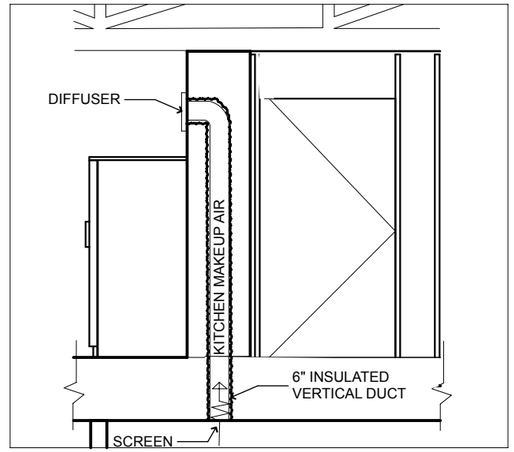
5. HRV TO BE BALANCED TO SLIGHT (10CFM) POSITIVE PRESSURE



KEY

- Ⓡ RETURN AIR DIFFUSER
- ⊗ SUPPLY AIR CEILING
- ⊗ SUPPLY AIR WALL
- ▼ GRILLE DIRECTION

① MECHANICAL VENTILATION PLAN
SCALE: 3/16" = 1'-0"
0 4' 8' 12'



② MAKEUP AIR SECTION
SCALE: 1/4" = 1'-0"
0 2' 4' 8'

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MECHANICAL VENTILATION PLAN

M1.0

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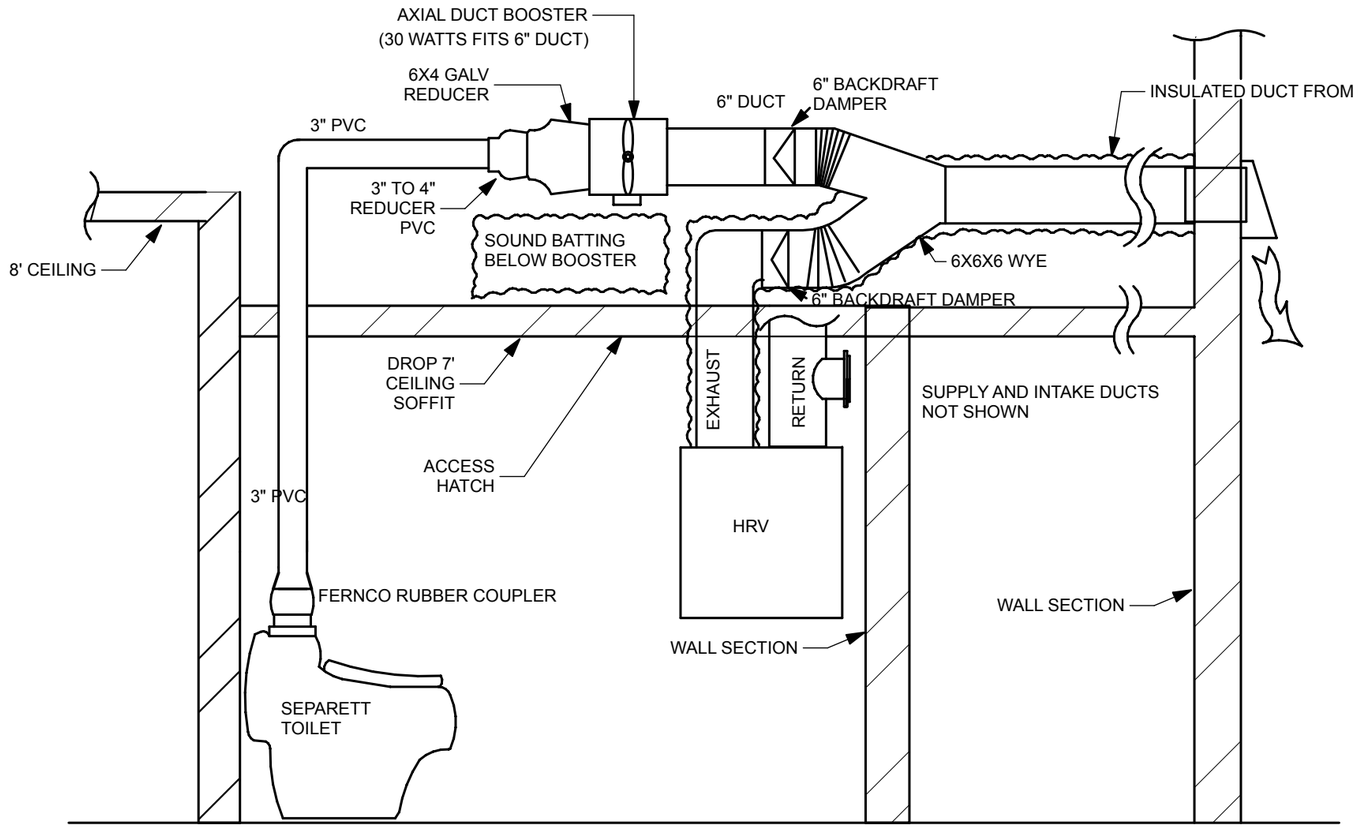

① SEPARETT TOILET SYSTEM
SCALE: 3/4" = 1'-0"
0 1' 2' 3'

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MECHANICAL SECTION
M1.1
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