

## PIPING TRANSITION PLAN

PIP	ING SYME	BOLS LEGEND	
MIXING VALVE	H C	EXPANSION TANK	
DIVERTING VALVE	AB	BY-PASS VALVE	- <del> </del>
PRESSURE REDUCE VALVE		DRAIN VALVE	T
PUMP		THERMOMETER	
CHECK VALVE	$\dashv \lor \vdash$	GAUGE	
UNIONS		BALL VALVE	
CIRCUIT SETTER	4[⊦	AIR SEPARATOR	
ZONE VALVE	$\bowtie$	BACK FLOW PREVENTER	1
FLOWGARD VALVE		AIR VENT	
* MAX		TES: G TO BE 12 INCHES OR	

4 PIPE DIAMETERS APART OR WHICH EVER IS LESS.

NOT TO SCALE

PUMP SCHEDULE AND VFD SCHEDULE											
MODEL	TYPE	<u>HP</u>	<u>PHASE</u>	VOLTS	SPD.	<u>FLANGE</u>	<u>MAT. #</u>	<u>SIZE</u>	PUMP#		
4070-7VL	CI	5	3	230	N/A	4" ANSI	N/A	4"	P-1 & P-2		
MAGNA40-120	CI	1/3	1	230	N/A	GF15/40	96734489	1.5"	P-3 & P-4		
B&G 1510 3BB-8.5	CI	7-1/2	3	230	N/A	3" ANSI	N/A	3"	EP-1 & EP-2		
B&G SERIES 80 2 1/2X2 1/2X7	CI	1-1/2	3	230	1	125#ANSI	N/A	2-1/2"	EP-3 & EP-4		
UPS40-240/2	CI	1/2	1	230	3	539605	96402797	1.5"	EP-5 & EP-6		
B&G SERIES 80 1.5X7-6.5"	CI	1-1/2	3	230	1	125#ANSI	N/A	1"	EP-7 & EP-8		
3PH 200-400V 24.2A NEMA 1 VFD DRIVE	-	_	-	200-240	-	-	91136753	_	EP-1 & EP-2		
3PH 200-400V 6.6A NEMA 1 VFD DRIVE	-	_	-	200-240	-	-	91136791	_	EP-7 & EP-8		
3PH 200-400V 16.7A NEMA 1 VFD DRIVE	-	-	-	200-240	-	-	91136752	-	P-1 & P-2		

SITION PIPING

KITH TRANSITION



DRAWN BY:
Gordon Faustich
REVIEWED BY:
AD
APPROVED BY:

AD

ISSUED FOR

06/12/12 APPROVAL

06/25/12 CONSOLIDATED SHEETS

12/05/12 ADDED CONTROLS

12/11/12 UPDATED PUMP SCHEDULE

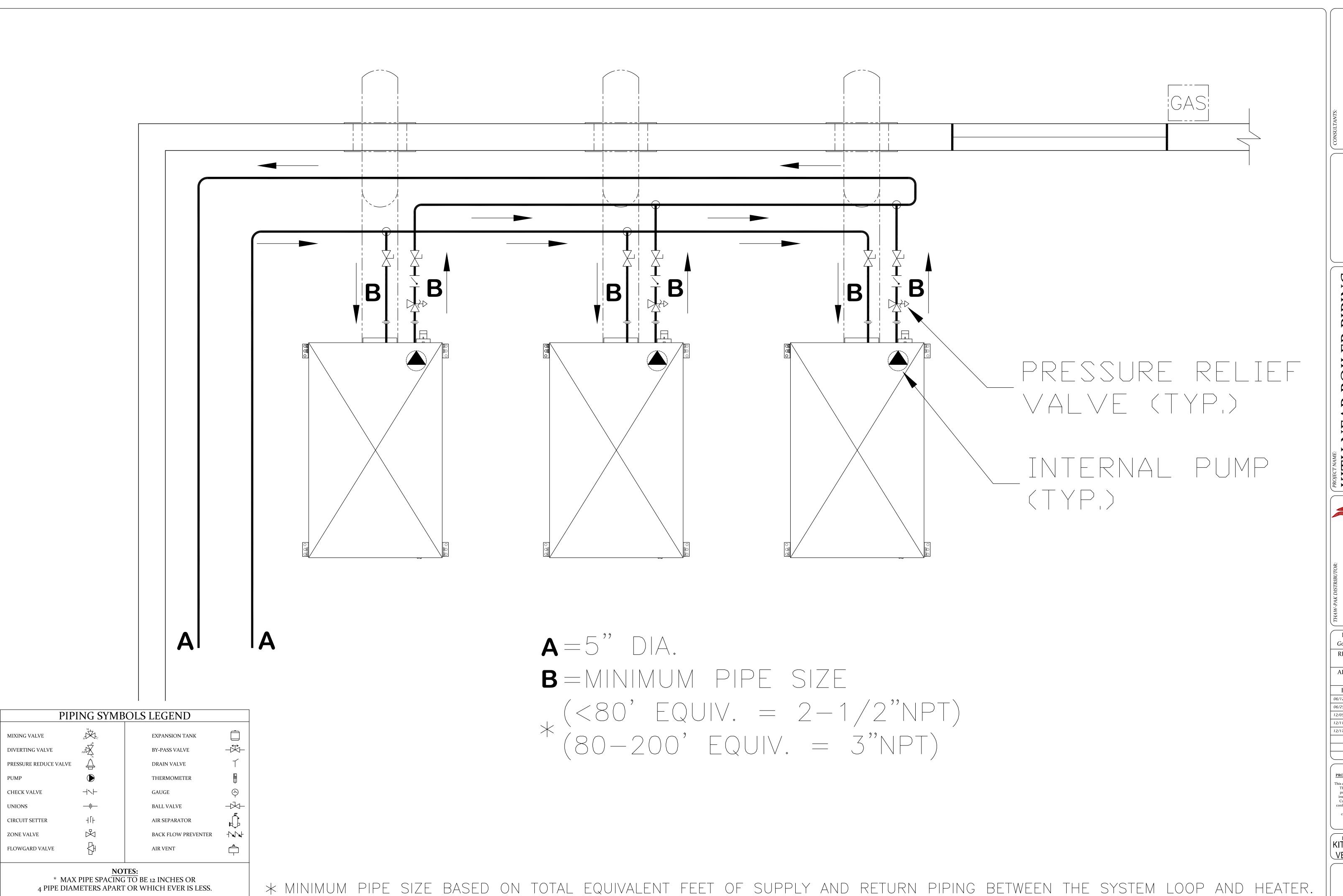
12/17/12 UPDATED PUMPS AND PIPE SIZES

PROPERTY OF THAW-PAK

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DRAWING NO.
KITH PIPING &
VENTING\_V9

P2



ER PIPING
FEMENT

RFORMANCE engineering group

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APPROVED BY:

ISSUED FOR

06/12/12 APPROVAL

06/25/12 CONSOLIDATED SHEETS

12/05/12 ADDED CONTROLS

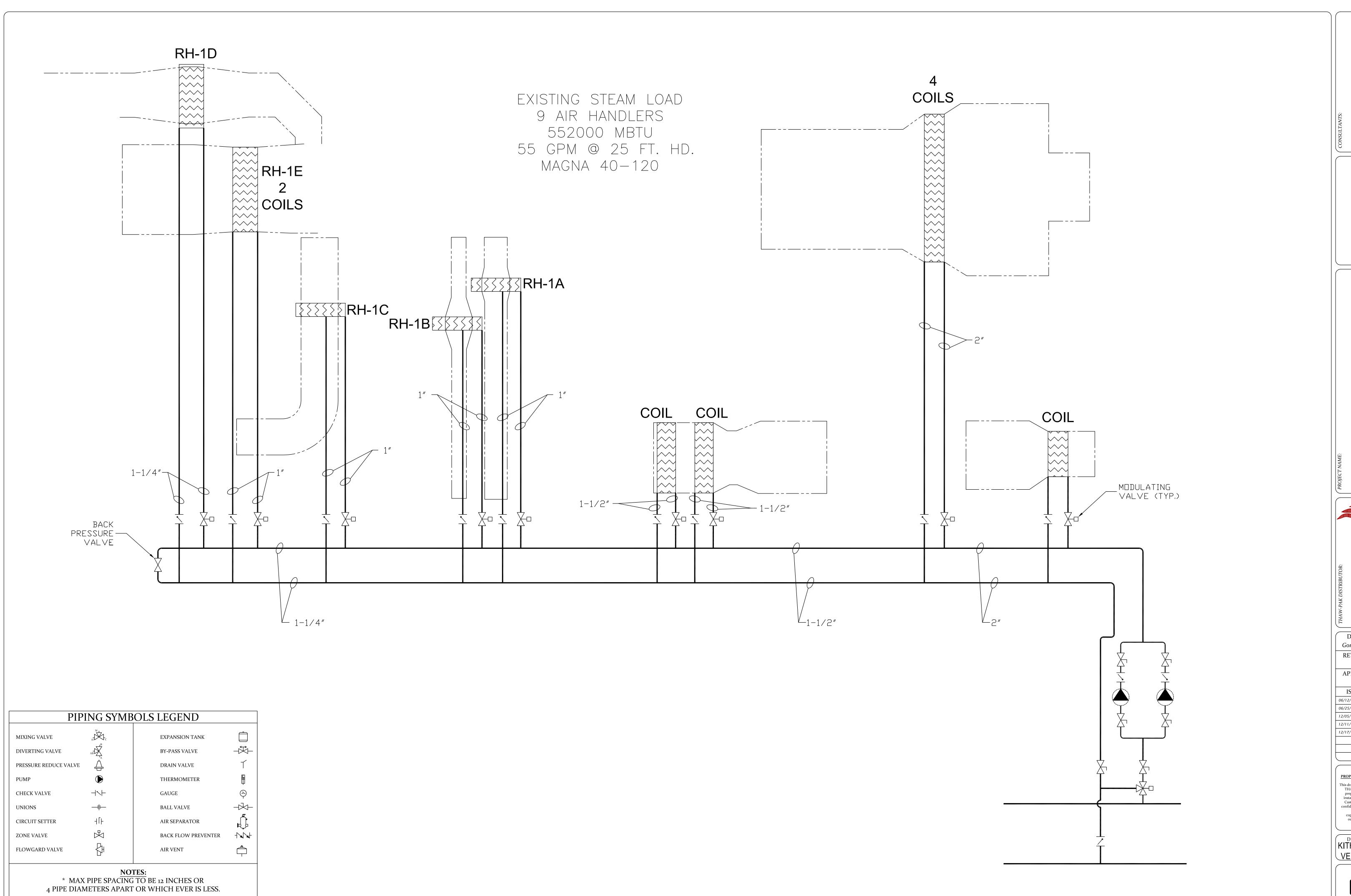
12/11/12 UPDATED PUMPS SCHEDULE

12/17/12 UPDATED PUMPS AND PIPE SIZES

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DRAWING NO.
KITH PIPING &
VENTING\_V9

P3



VEI J

NDLER PIPINC

KITH AIR H

PERFORMANCE engineering group

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APPROVED BY:
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 ISSUED FOR

 06/12/12
 APPROVAL

 06/25/12
 CONSOLIDATED SHEETS

 12/05/12
 ADDED CONTROLS

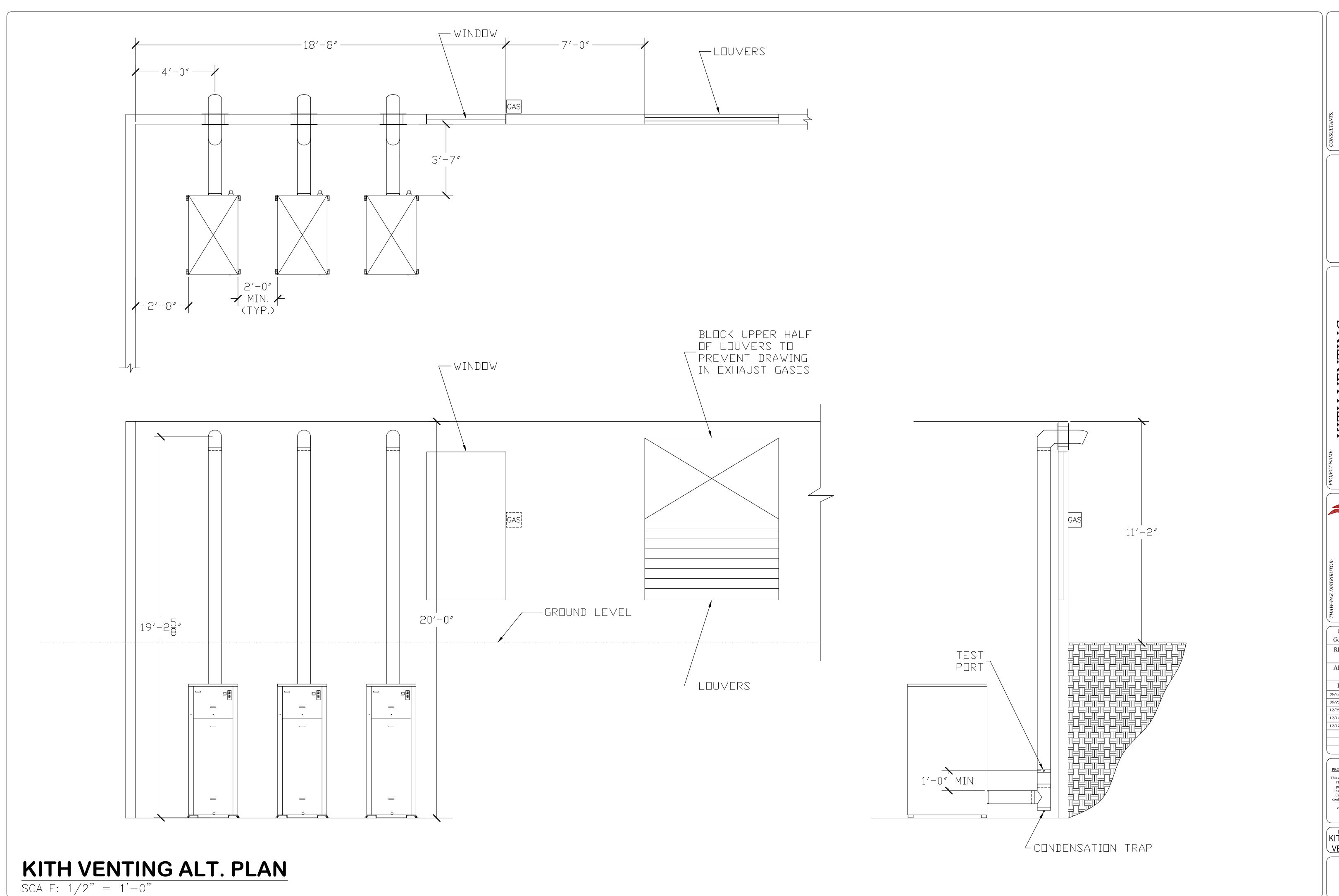
 12/11/12
 UPDATED PUMP SCHEDULE UPDATED PUMPS AND PIPE SIZES

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KITH PIPING &
VENTING\_V9

P4



KITH VENTING
ALT. ARRANGEMENT
AFIELD HILLS
MICHIGAN

DERFORMANCE engineering group

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APPROVED BY:

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M1