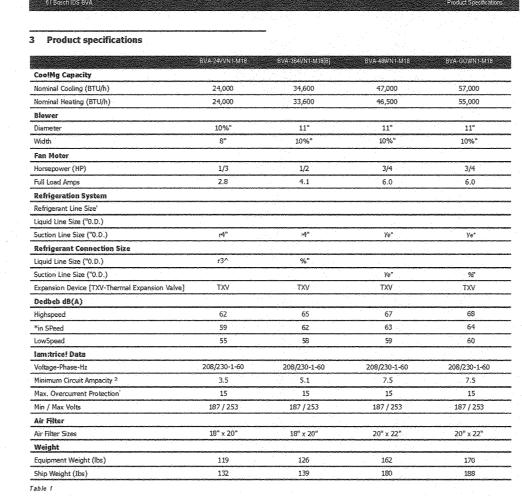


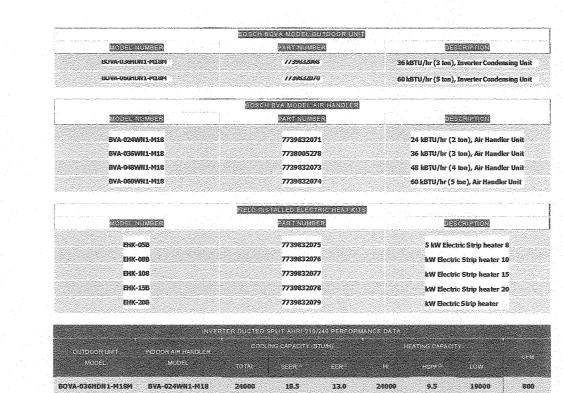
SCALE: 1/4" = 1'-0"



12 20161Bosch Thermotechnology Corp.

1 Tested and rated in accordance with AHRI Standard 210/240.	
2 Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes.	
3 Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.	
4 Weight shown includes packaging	

Data subject to change



BOVA-036H	DN1-M18M	BVA-036WH1-M18	24600	17.5	11.4	3420	10	9.0	240	90	1120
BOVA-060H	DN1-M18M	EVA-048WN1-M18	47000	18,5	125	4654	<b>)</b> 0	9.5	350	00	1560
80VA-060H	DN1-M16M	BVA-060WN1-M18	57000	17.5	11,2	550	10	9.5	400	00	1700
			C.A.	SED COLLAHRI 21	0/240 PERF	DRMANCE	DATA				
SYSTEM	MODEL NUM	PAIRING BUSCH ODU	DAIR!	PAIRING PURNACES		COOLING CAPACITY IBTU/H)		HEATING CAPACITY			CEM
TONNAGE		MODEL NUMBE	A .		TOTAL	SHERE	EBR	HI	HSPRS	Low	
2	BMAC2430/	ANTO BOVA-036HON1-	M18M 14-1/2	Wide Fumaces	23400	15.0	11.5	24000	9,0	17200	700
2	BMAC24301	BNTD BOVA-036HDN1-	M18M 17-1/2"	Wide Furnaces 14	23400	15.0	11.5	24000	9.0	17200	700
3	BMAC3036	ANTO BOVA-036H DN1	-M18M 1/2" W	de Fumaces 17-	32000	14.5	10.0	35000	9.0	22000	900
3	BMAC30361	BNTD BOVA-036H DN1	-M18M 1/2"Wil	e Furnaces	32400	14.5	10.0	35000	9.0	23000	100
3	BMAC30360	CNTD BOVA-036HDN1-	M18M 21"	Wide Furnaces	32400	14.5	10.0	35000	9.0	23000	100
4	BMAC 42481	ENTE BOVA-060HDN1-	M19M 17-1/2"	Wide Furnaces	44500	16	11.0	45500	9.5	31000	115

4 BMAC4248CNTF BOVA-060HDN1-M1SM 21" Wide Furnaces 46000 16 11.0 47000 9.5 32000 1300

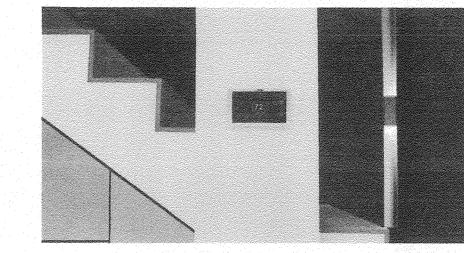
16' wide stone drive

(Approx. 410' long)

BMAC4860CNTF BOVA-060HDM1-M18M 21° Wide Furnaces 54000 16 10.5 55500 9.5 32000 1300 II , BMAC4860DNTF BOVA-060H DN1-M18M 24-1/2" Wide Furnaces 55000 16 10.5 56000 9.5 39000 1500

(3)Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 • Always check the rating plate for electrical d
(4)Energy Efficiency Ratio; Certified per AHRI 210/240 • The listed data is for reference only. Please
(5)HSPF = Heating Seasonal Performance Factor: Certified per AHRI 210,240 boschheatingandcooling.com for further details.

BMAC4248DNTF BOVA-060HDH1-M18M 24-1/2" Wide Furnaces 46000 16 11.0 48000



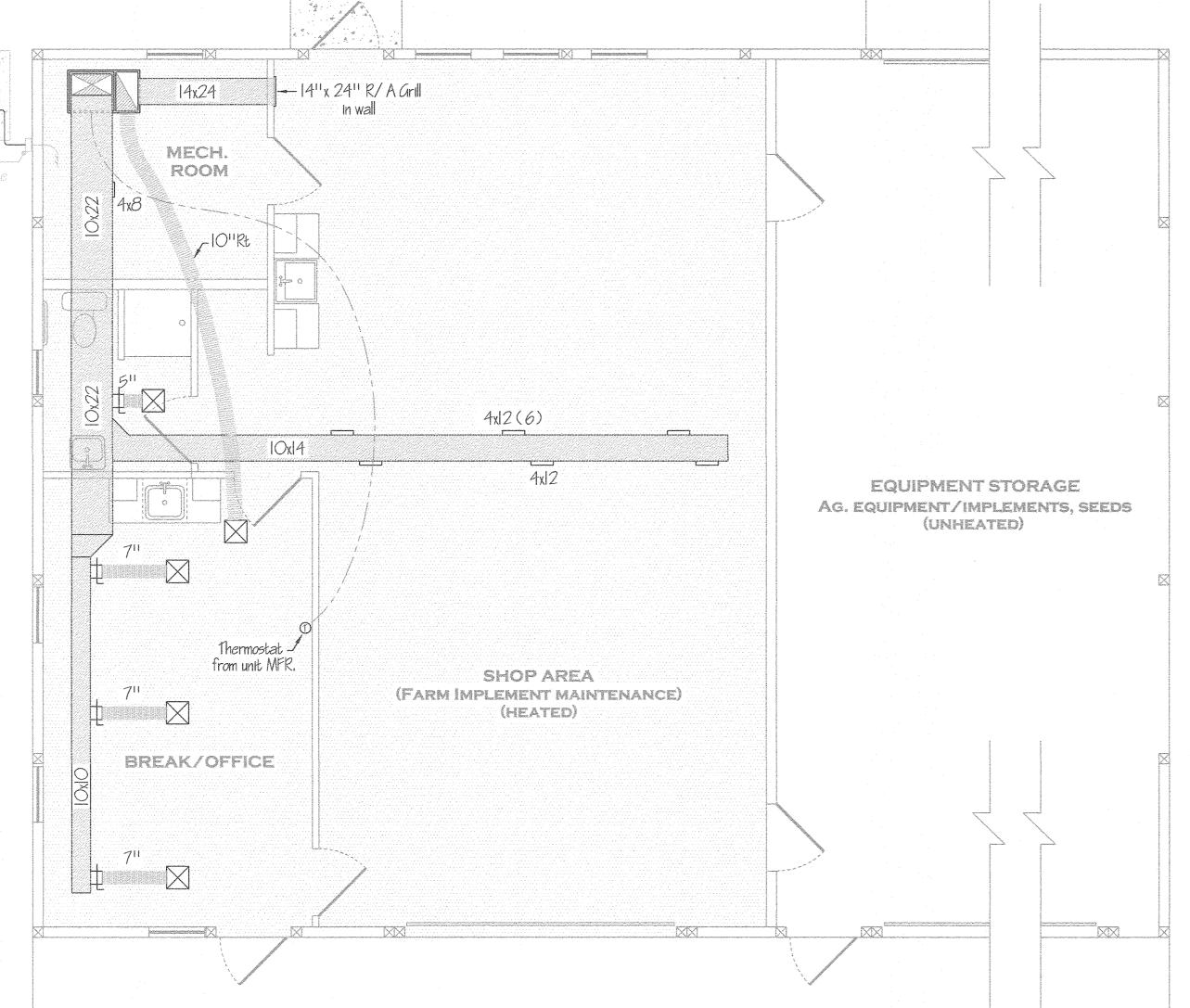
- New 1500 gal septic tank

Product Specifications > 5 inch Touch Screen 854 x 480 Pixels ➢ Supports 2 Transformer Systems (R/RC and RH) C-Wire Required for Installation > 7 Relay Terminals: G, Y, Y2, W/E, W2/AUX, 0/B, H/DH Data Terminal: receives fault messages from Bosch Water Source Heat Pumps

> Wi-Fi 802.11 b/g/n @ 2.4GHz

Wall Plate, Screwdriver, Screws 8-733-948.984 Wall Anchors, Jumper Cable

ioncrete Pad — (by G.C.)	Outside Unit		14x24	– 14"x 24" R/ A Gri in wall
	Disconnect—w/receptade (by E.C.)	2	MECH. ROOM	
			710''Rt	



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

- New septic line PGC SGL 322 -water line Logan TWP 40' wide -Huntingdon, PA 16652 cleared by others stone paving -Approximate Distances from building to property line service to pad 6,200 ft. 920 ft, East Proposed 350 ft. Building Site located approximately 2.9 miles north of the intersection of Petersburg Pike and Cold Springs Road north of Huntingdon. FF Elev 1070.75 Address is 8877 Petersburg Pike, Petersburg, PA 16669. 100' 40' New stone paving -

THIS IS TO BE A BOSCH HEAT PUMP. LAYOUT OF DUCTS, DUCT SIZES AND DIFFUSERS ARE MEANT TO BE USED AS A GUIDELINE. ACTUAL RUNS, SIZES AND LOCATIONS TO BE DETERMINED BY MANUFACTURER'S MODEL.

THE FOLLOWING STEPS SHOULD BE FOLLOWED IN THE DESIGN AND INSTALLATION OF THE HVAC SYSTEM TO ENSURE EFFICIENCY AND COMFORT.

- I. DETERMINE ROOM-BY-ROOM AND AIR-FLOWS USING ACCA MANUAL J CALCULATION PROCEDURES. (OR SUBSTANTIALLY EQUIVALENT)
- 2. SIZE DUCT SYSTEM ACCORDING TO ACCA MANUAL D CALCULATION PROCEDURES. (OR SUBSTANTIALLY EQUIVALENT)
- 3. SIZE HVAC EQUIPMENT TO SENSIBLE LOAD USING ACCA MANUAL S CALCULATION PROCEDURES (OR SUBSTANTIALLY EQUIVALENT). 4. INSTALL EQUIPMENT & DUCTS ACCORDING TO DESIGN SPECIFICATIONS USING INSTALLATION PROCEDURES FROM SMACNA / MANUFACTURERS' SPECS.
- 5. INSTALL SO STATIC AIR PRESSURE DROP ACROSS THE AIR HANDLER IS WITHIN MANUFACTURER AND DESIGN SPECIFICATIONS. 6. PROVIDE BALANCED AIR FLOWS BETWEEN SUPPLY AND RETURN SYSTEMS TO MAINTAIN NEUTRAL PRESSURE.
- 7. EQUIPMENT AND ASSOCIATED ITEMS MUST BE APPROVED BY PGC HARRISBURG ENGINEERING DIVISION BEFORE START OF INSTALLATION.

HEAT PUMP TO BE A 5 TON BOSCH BOVA - 060-HDN1-M18M OUTSIDE CONDENSER W/ BOVA - 048WN1-M18 AIR HANDLER. UNITS TO ACHIEVE A MINIMUM 18 SEER AND 9.5 HSPF (OR SUBSTANTIALLY EQUIVALENT).

New well >50' from septic

(Plumbing contractor)

STATE GAME LANDS #322 LOGAN TWP. HUNTINGDON CO. HVAC DETAILS and SITE PLAN REVISIONS PCC-322-19-2 PROJECT NO. 322-HVAC-5 Building relocated on 2/15/20 DRAWING NO. DRAWN BY: JBM

DATE:

SHEET NO.

03-14-20

50F5