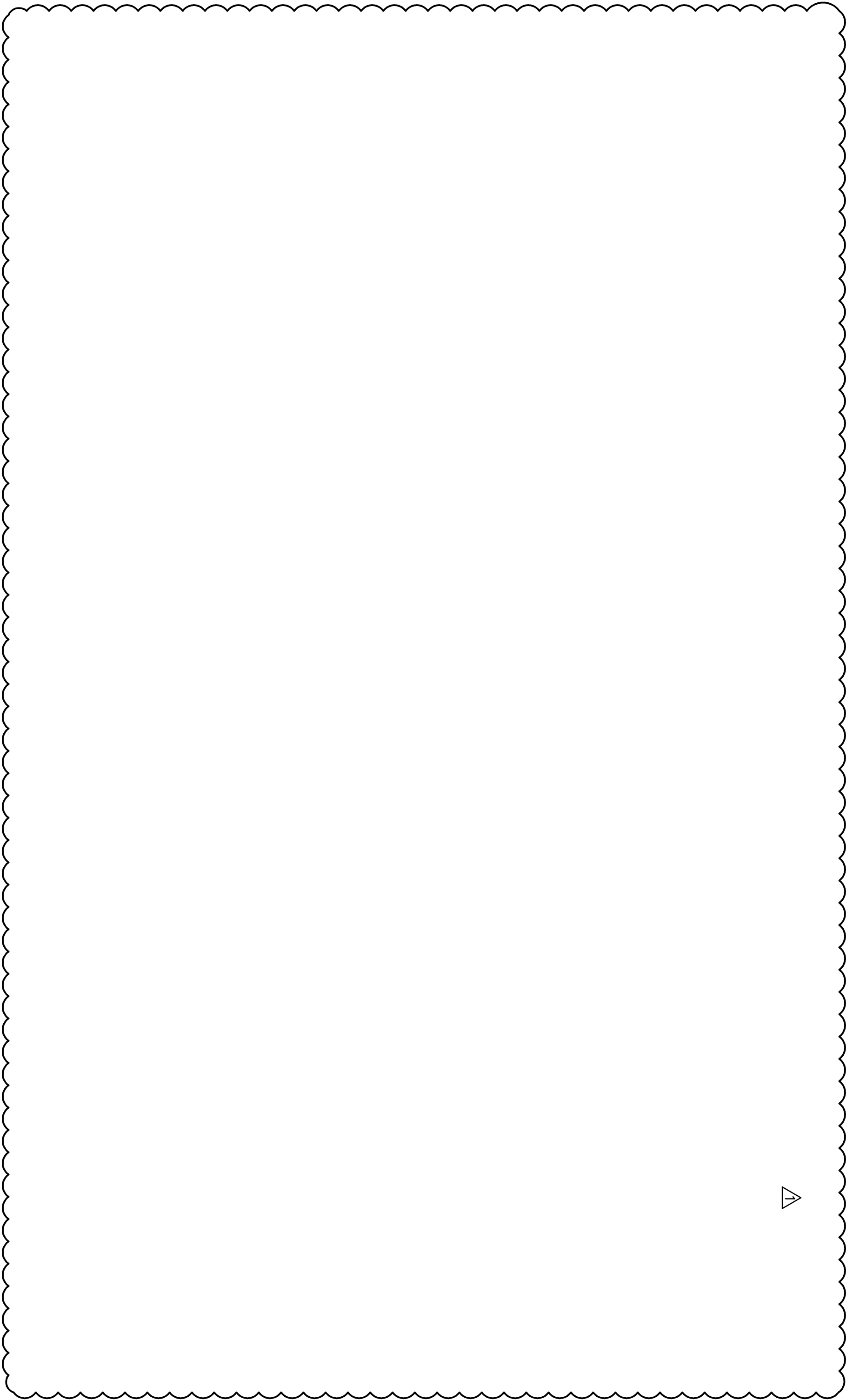


GENERAL SHEET NOTES:

1. REFER TO DWG. E-001 FOR NOTES, SYMBOLS & ABBREVIATIONS.



Panel Name: MAIN SWITCH BOARD
Panel Voltage: 480V, 3 Phase, 3 Wire

☐ Main Lugs Only ☒ Main Breaker: 3000
Panel A.I.C. Rating: _____

ID	#	Description	Branch Ckt.		Breaker		Load			Phase			Breaker		Branch Ckt.		#	ID					
			No.	Wire	Grd	P	TriP	Code	VA	A	B	C	VA	Code	TriP	P			No.	Wire	Grd		
1	N	POWER PANEL 1	4	2	3	3		185.6					185.6				800	3	4		2	N	
3	N									185.6				185.6				800	3	4		4	N
5	N									185.6				185.6				800	3	4		6	N
7	N									185.6				185.6				800	3	4		8	N
9	N	CHILLER #2	4			3	800		185.6								800	3	4		10	N	
11	N									185.6												12	N
13	N	125 HP PUMPS & CONTR. PNL	4	500		3	600	NC	97000	180000						83000	NC	300	3	350	4	14	N
15	N									97000							83000					16	N
17	N																					18	N
19	N	FEEDER LIGHTS	2	12	12	3	20	C										3	4			20	N
21	N																					22	N
23	N																					24	N
25	N																						

Total Connected Load 180371.2 | 180371.2 | 180371.2 (VA/PHASE)

NEC LOAD SUMMARY			ELECTRICAL DATA		
Load Types and Codes	Total Load (VA)	Demand Factor	Total Conn. Load:	Location:	
Air Conditioning (A/C)	1.00		_____ KVA	Mounting:	_____ Flush _____ Enclosure Type: _____ Nema 1
Heating (H)	1.00		_____ KVA	Fed From:	_____ Equipment Ground Bus: Yes _____ Bus Material: _____ Copper
Kitchen Equipment (K)	1.00		_____ KVA	Isolated Ground Bus:	_____ No _____ Neutral Size: _____ 100%
Lighting (L)	1.25		_____ Amps	Main Bus Size: 225 Amps	
Receptacles (REC)	1.00			PANEL LEGEND (ID)	
Existing (E)	1.25			ST - Shunt-Trip C.B.; G-GFI C.B.	
Continuous (C)	1.25			LB - Lock-On C.B.	
Non-Continuous (NC)	1.00			"CT" - Contact Designation	
				R - Remotely--	
				N - New C.B.; EX - Existing C.B.	
Elec. Load Totals:			_____ VA	PANEL NOTES	

Panel Name: POWER PANEL (1)
Panel Voltage: 208V, 3 Phase, 3 Wire

☐ Main Lugs Only ☒ Main Breaker: 80
Panel A.I.C. Rating: 42k

#	ID	Description	Branch Ckt. Breaker			Load			Phase			Load			Breaker Branch Ckt.			Description	#	ID
			No./Wire	Grd	P	Tip	Code	VA	A	B	C	VA	Code	Tip	P	No./Wire	Grd			
1	N 2	CHILLER 1 MAINT. RECP	2	12	12	1	20											CHILLER 2 MAINT. RECP	2	N
3	N	CHILLER 3 MAINT. RECP	2	12	12	1	20											CHILLER 1 CONTROL PNL	4	N
5	N	CHILLER 2 CONTROL PNL	2	12	12	1	20											CHILLER 3 CONTROL PNL	6	N
7	N	CHILLER 1 HEAT TRACE	2	12	12	1	20											CHILLER 2 HEAT TRACE	8	N
9	N	CHILLER 3 HEAT TRACE	2	12	12	1	20											SPACE	10	N
11	N	SPACE																SPACE	12	N
13	N	SPACE																SPACE	14	N
15	N	SPACE																SPACE	16	N
17	N	SPACE																SPACE	18	N
19	N	SPACE																SPACE	20	N
21	N																		22	N
23	N																		24	N

Total Connected Load _____ (VA/PHASE)

NEC LOAD SUMMARY			ELECTRICAL DATA		
Load Types and Codes	Total Load (VA)	Demand Factor	Total Conn. Load:	Location:	
Air Conditioning (A/C)	1.00		_____ KVA	Mounting:	_____ Flush _____ Enclosure Type: _____ Nema 1
Heating (H)	1.00		_____ KVA	Fed From:	_____ Equipment Ground Bus: Yes _____ Bus Material: _____ Copper
Kitchen Equipment (K)	1.00		_____ KVA	Isolated Ground Bus:	_____ No _____ Neutral Size: _____ 100%
Lighting (L)	1.25		_____ Amps	Main Bus Size: 225 Amps	
Receptacles (REC)	1.00			PANEL LEGEND (ID)	
Existing (E)	1.25			ST - Shunt-Trip C.B.; G-GFI C.B.	
Continuous (C)	1.25			LB - Lock-On C.B.	
Non-Continuous (NC)	1.00			"CT" - Contact Designation	
				R - Remotely--	
				N - New C.B.; EX - Existing C.B.	
Elec. Load Totals:			_____ VA	PANEL NOTES	

1 480VAC, 3 PHASE MAIN SWITCHBOARD PANEL
SCALE: NONE

2 POWER PANEL 1
SCALE: NONE

CONSTRUCTION DOCUMENTS

CONSULTANTS:		Mechanical/Electrical/Plumbing/Structure		ARCHITECT/ENGINEERS:	
		THOMAS SCHWABACH PROFESSIONAL ENGINEER PENNSYLVANIA LICENSE NO. PE0040408		Miller-Remick LLC A Veteran Owned Small Business 1010 KINGS HIGHWAY SOUTH SUITE 200 PHILADELPHIA, PA 19106 PHONE: (610) 423-4000 FAX: (610) 423-5002	
ADDENDUM #1		DATE		DRAWING TITLE	
				PANEL SCHEDULES	
				SCALE: N.T.S.	
				PROJECT TITLE	
				THERMAL STORAGE FOR CHILLER PLANT	
				LOCATION	
				VA MED. CENTER, LEBANON, PA	
				DATE	
				6/11/2012	
				CHECKED	
				SW	
				DRAWN	
				VJA	
				DRAWING NUMBER	
				N/A	
				PROJECT NUMBER	
				595-11-131	
				EP - 602	
				DWG 34 of 34	
				Office of Construction and Facilities Management Department of Veterans Affairs	

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