THE SCHOOL DISTRICT OF PHILADLPHIA SCHOOL REFORM COMMISSION Office of Capital Programs 440 North Broad Street, 3rd Floor – Suite 371 Philadelphia, PA 19130

TELEPHONE: (215) 400-4730

Addendum No. 01

Subject: James Lowell School – Emergency Generator Replacement SDP Contract No. B-064C of 2018/19

Location: James R. Lowell Elementary School 450 W Nedro Ave, Philadelphia, Pennsylvania 19120

This Addendum, dated October 9, 2018, shall modify and become part of the Contract Documents for the work of this project. Any items not mentioned herein, or affected by, shall be performed strictly in accordance with the original documents.

Drawing Revisions:

Drawings

<u>E100:</u>

- 1. Drawing updated to indicate location of new generator and routing of conduit.
- 2. New Work Key Note 1 updated with generator exhaust location.
- 3. New Work Key Note 4 updated to indicate routing of conduit.
- 4. Single line diagram updated to indicate removal of existing time clock and addition of new time clock.
- 5. New Work Key Note 11 added for new time clock requirement.
- 6. New Work Key Note 12 added to clarify routing of conduits through walls in lieu of window or louvres.

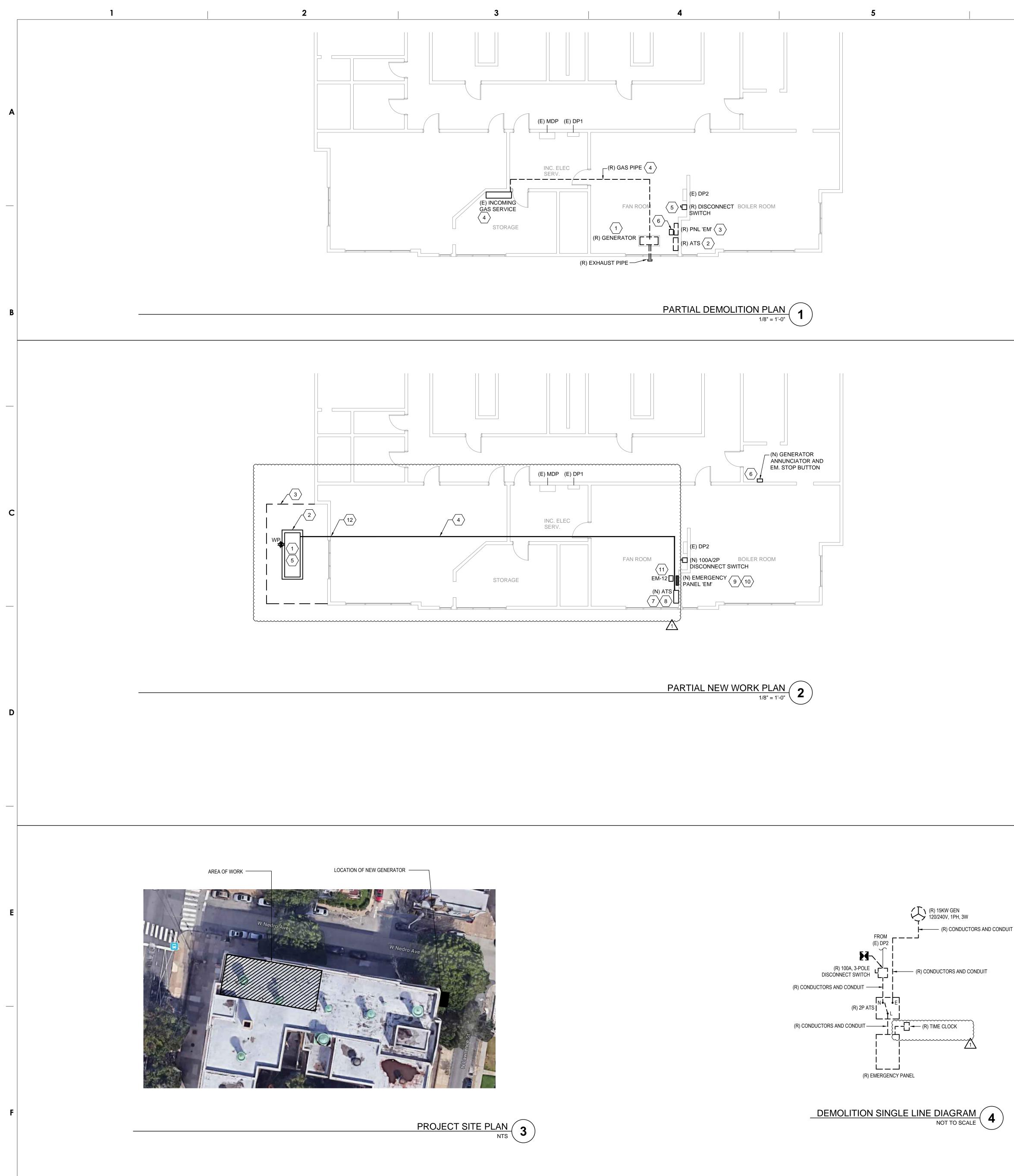
<u>E501</u>:

1. Updated Generator Fence detail (Detail#1).

<u>E601</u>:

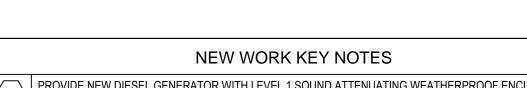
1. Added circuit for Time Clock to Panel Schedule.

End of Addendum

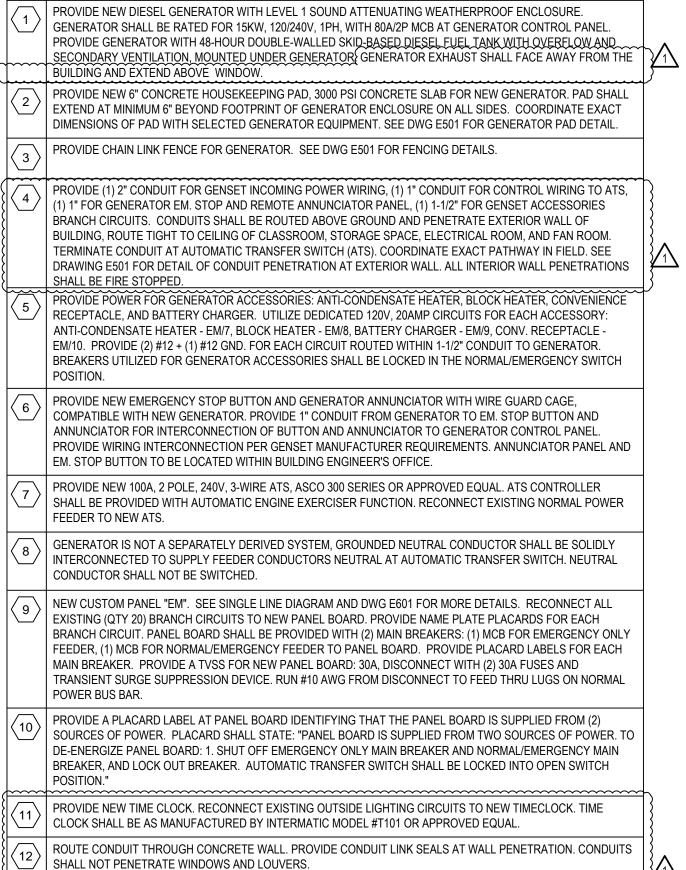


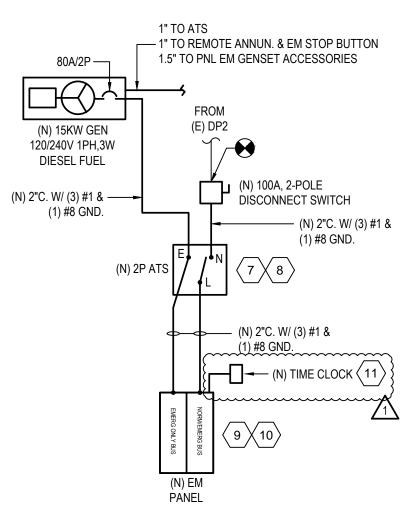
8

GENERAL NOTES:



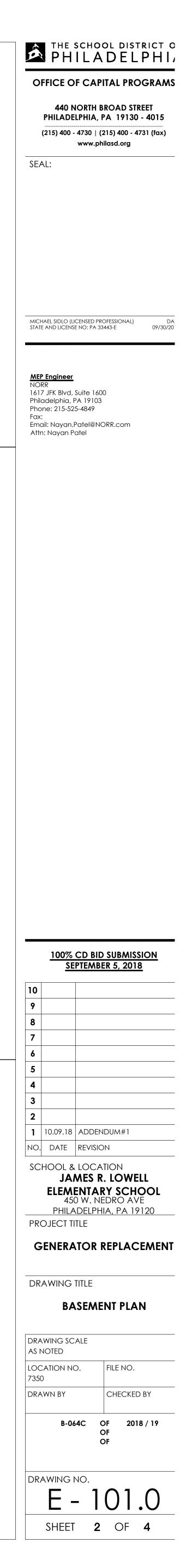
A. ALL CONDUIT SHALL BE THREADED GALVANIZED RIGID METAL (STEEL) CONDUIT ONLY. B. CONTRACTORS SHALL COORDINATE INSTALLATION WITH SDP ENVIRONMENTAL TEAM.

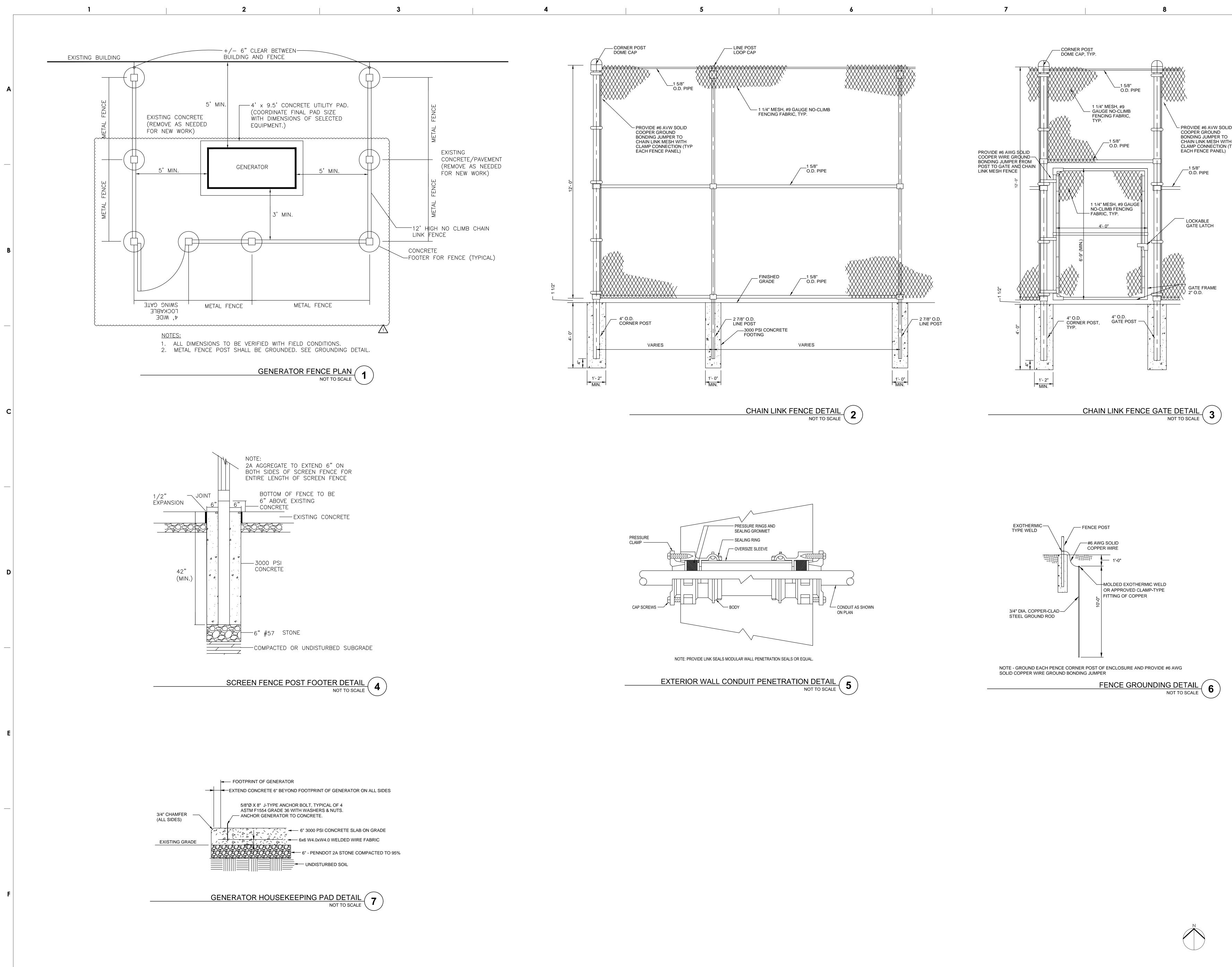


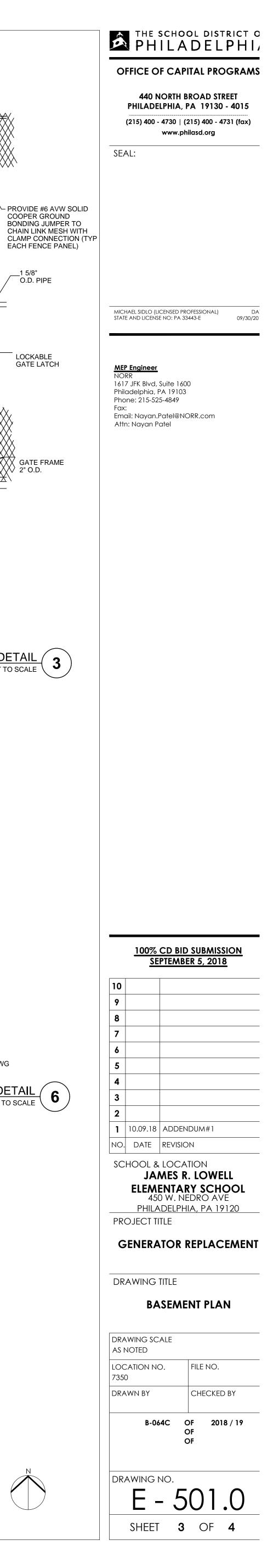


NOTE - ALL CONDUIT SHALL BE THREADED GALVANIZED RIGID METAL (STEEL) CONDUIT ONLY.

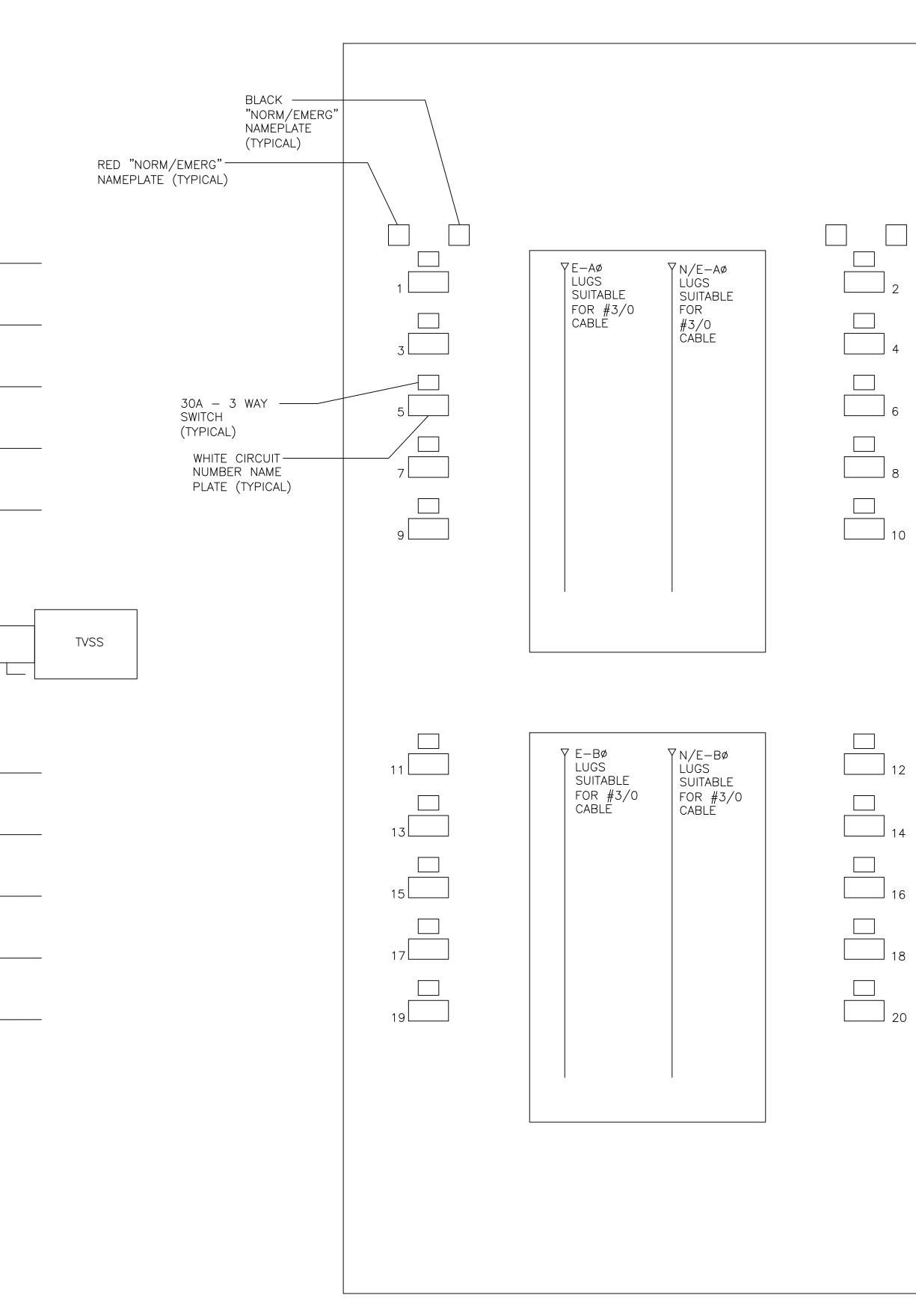
NEW WORK SINGLE LINE DIAGRAM 5 NOT TO SCALE







Г	EMERGENCY SIDE OF AUTOMATIC TRANSFER SWITCH	OF AUTOMATIC TRANSFER SWITCH
) EMERGENCY ONLY MAIN BREAKER) NORMAL/EMERGENCY MAIN BREAKER
	EMERGENCY BUS	BUS
BRANCH	TYPICAL 20A/1P 1 Eo 20A/1P NEo	E-AØ 20A/1P 20A/1P 20A/1P 0NE 2 2 2 2 2 2 2 2 2 2 2 2 2
(TYP.)	20A/1P 3 Eo 20A/1P NEo 20A/1P	20A/1P 20A/1P 0E 4 20A/1P 0NE 20A/1P
	5 Eo 20A/1P NEO 20A/1P	20A/1P 20A/1P 0NE 20A/1P 0E 8
	20A/1P <u>20A/1P</u> <u>20A/1P</u> <u>20A/1P</u> <u>20A/1P</u> <u>20A/1P</u>	20A/1P
		- Lone
	EMERGENCY BUS	
		BUS
	20A/1P 11 Eo 20A/1P NEo 20A/1P	E-BØ VN/E-BØ 20A/1P 20A/1P 20A/1P 0NE
	20A/1P 11 Eo 20A/1P NEO 20A/1P 13 Eo 20A/1P 13 Eo 20A/1P	20A/1P 20A/1P 0NE 20A/1P 0NE 14 20A/1P 0NE
	20A/1P 11 Eo 20A/1P NEO 20A/1P 13 Eo 20A/1P 15 Eo 20A/1P 15 Eo 20A/1P 15 Eo 20A/1P 20A/1P	$ \begin{array}{c} 20A/1P \\ 0E \\ 20A/1P \\ 0NE \\ 20A/1P \\ 0E \\ 14 \\ 20A/1P \\ 0NE \\ 20A/1P \\ 0NE \\ 16 \\ 20A/1P \\ 0NE \\ 16 \\ 20A/1P \\ 0NE \\ 20A/1P \\ 0NE \\ 16 \\ 20A/1P \\ 0NE \\ 20A/1P \\ 0NE \\ 16 \\ 20A/1P \\ 0NE \\ 20A/1P \\ 0NE \\ 16 \\ 20A/1P \\ 0NE \\ 20A/1P \\ 0NE \\ 16 \\ 20A/1P \\ 0NE \\ 20A/1P \\ 0NE \\ 16 \\ 20A/1P \\ 0NE \\ 20A/1P \\ 0NE \\ 16 \\ 20A/1P \\ 0NE \\ $
	20A/1P 11 Eo 20A/1P 13 Eo 20A/1P 13 Eo 20A/1P 15 Eo 20A/1P 15 Eo 20A/1P 15 Eo 20A/1P 17 Eo 20A/1P 17 Eo 20A/1P 17 Eo 20A/1P 17 Eo 20A/1P	$ \begin{array}{c} 20A/1P \\ 0NE \\ 20A/1P \\ 0NE \\ 20A/1P \\ 0NE \\ 14 \\ 20A/1P \\ 0NE \\ 16 \\ 20A/1P \\ 0NE \\ 16 \\ 20A/1P \\ 0NE \\ 16 \\ 20A/1P \\ 0NE \\ 18 \\ 20A/1P \\ 0NE \\ 18 \\ 20A/1P \\ 0NE $
	20A/1P 11 Eo 20A/1P NEO 20A/1P 13 Eo 20A/1P 15 Eo 20A/1P 15 Eo 20A/1P 15 Eo 20A/1P 17 Eo 20A/1P 17 Eo 20A/1P 17 Eo 20A/1P 17 Eo 20A/1P	$ \begin{array}{c} 20A/1P \\ 0NE \\ 16 \\ 20A/1P \\ 0NE \\ 18 \\ 20A/1P \\ 0NE $
	20A/1P 11 Eo 20A/1P 13 Eo 20A/1P 13 Eo 20A/1P 15 Eo 20A/1P 15 Eo 20A/1P 15 Eo 20A/1P 17 Eo 20A/1P 17 Eo 20A/1P 17 Eo 20A/1P 17 Eo 20A/1P 19 Eo 20A/1P	$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c}$
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<u>NOTES</u>

- CORBIN #15767 LOCKS AND PULLS WITH #CAT 60 MASTER KEY, KEYED ALIKE TO THE MASTER KEY SYSTEM OF THE SCHOOL DISTRICT OF PHILADELPHIA.
- PROVIDE ENGRAVED PLASTIC LAMINATE PANEL BOARD NAME PLATE.
 PROVIDE TYPE WRITTEN CIRCUIT DIRECTORY.

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6	
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	PANEL: EM (NEW CUST	FOM PA	NEL)				VOLTA	GE:	120/2	240V 1 F	PHASE	3 WRE		BUS:	100A	AMPS	10000	AIC
	LOCATION: GENERATO	R ROC	M				MOUNT	ING: S	SURFACE		FLUSH				LUGS (ONLY		
	FED FROM: (N) ATS							DENOTE	ES ARC F	AULT IN	TERRUP	TER C.B.			MCB	80A	AMPS (QTY OF 2)	
							$\mathbf{\Theta}$	DENOTE	ES GFI C.	B. REQ'D)							
CIR.	EQUIPMENT SERVED	FEEDE	ER SIZE		Breaker	r	LOAD	KVA		LOAD KVA		Breaker		FEEDEF	R SIZE		EQUIPMENT SERVED	CIR.
#		Wire	GND	I.G.	Amps	Poles	L1	L2	Ø	L1	L2	Amps	Poles	Wire	GND	I.G.		#
1	(E) LOAD	12	12	-	20	1			A			20	1	12	12	-	(E) LOAD	2
3	(E) LOAD	12	12	-	20	1			B			20	1	12	12	-	(E) LOAD	4
5	(E) LOAD	12	12	-	20	1			A			20	1	12	12	-	(E) LOAD	6
7	(N) AN TI-CONDENSATE HTR.	12	12	-	20	1		1.5	B		1.5	20	1	12	12	-	(N) BLOCK HEATER	8
1	(N) AN II-CONDENSATE HIR.																	
9	(N) BATTERY CHARGER	12	12	-	20	1	1.5		A	0.4		20	1	12	12	-	(N) CONV. RECEPT.	10
	N BATTERY CHARGER	12	12			1	1.5			0.4			<u> 1</u>	~~~~		<u> </u>	·····	·····
11	(N) BATTERY CHARGER			-	20	1	1.5		В	E	0.5	20	1		12	-		12
<u>11</u> 13	(N) BATTERY CHARGER SPARE SPARE	- -	-	-	20	1	1.5		BA	E		20 20	1 1 	 12 	12	-	(N) TIMECLOCK	
11 13 15	(N) BATTERY CHARGER SPARE SPARE (E) LOAD	- - 12	- - 12		20 20 20	1 1 1	1.5		B A B	E		20 20 20	1 1 1 1	12 12	12 12	-	(N) TIME CLOCK SPARE (E) LOAD	12 12 16
11 13 15 17	(N) BATTERY CHARGER SPARE SPARE (E) LOAD (E) LOAD	- - 12 12	12 - - 12 12		20 20 20 20	1	1.5		B A B A	E		20 20 20 20	1 1 1 1 1	12 12 12 12	12 12 12 12	-	(F) TIME CLOCK SPARE (E) LOAD (E) LOAD	12 12 16 18
11 13 15 17 19	(N) BATTERY CHARGER SPARE (E) LOAD (E) LOAD (E) LOAD	- - 12 12 12 12	- - 12 12 12 12	-	20 20 20	1 1 1 1		15	B A B	E		20 20 20 20 20	1 1 1 1	12 12 12 12 12	12 12 12 12 12	- - - -	(N) TIME CLOCK SPARE (E) LOAD (E) LOAD (E) LOAD (E) LOAD	12 12 16
11 13 15 17 19	(N) BATTERY CHARGER SPARE SPARE (E) LOAD (E) LOAD	- - 12 12 12 12	12 - 12 12 12 12 LINE TO	- - - - - - -	20 20 20 20 20 20	1 1 1 1	1.5	1.5	B A B A B	E		20 20 20 20 20 PAN	1 1 1 EL SHAI	12 12 12 12 12 12 L BE EC	12 12 12 12 12 12	- - - -	(F) TIME CLOCK SPARE (E) LOAD (E) LOAD	12 12 16 18
11 13 15 17 19	(N) BATTERY CHARGER SPARE (E) LOAD (E) LOAD (E) LOAD	- - 12 12 12 12	- - 12 12 12 LINE TO TOTAL	- - - - - - - - - - - - - - - - - - -	20 20 20 20 20	1 1 1 1		1.5	B A B A B 5.4	E		20 20 20 20 PAN CB'S	1 1 EL SHAI	12 12 12 12 12 12 12 2A CES S	12 12 12 12 12 UIPPED HOWN	- - - - WITH B	(N) TIME CLOCK SPARE (E) LOAD (E) LOAD (E) LOAD (E) LOAD USES FOR ALL	12 12 16 18
11 13 15 17 19	(N) BATTERY CHARGER SPARE (E) LOAD (E) LOAD (E) LOAD	- - 12 12 12 12	- - 12 12 12 LINE TO TOTAL	- - - - - - - - - - - - - - - - - - -	20 20 20 20 20 20	1 1 1 1		1.5	B A B A B	E		20 20 20 20 20 20 PAN CB'S	1 1 EL SHAI 3 AND SF 200% N	12 12 12 12 12 12 12 12 12 12 12 12 12 1	12 12 12 12 12 12 12 12 12 12 12 12 12 1		(N) TIME CLOCK SPARE (E) LOAD (E) LOAD (E) LOAD (E) LOAD USES FOR ALL	12 12 16 18
11 13 15 17 19	(N) BATTERY CHARGER SPARE (E) LOAD (E) LOAD (E) LOAD	- - 12 12 12 12	- - 12 12 12 LINE TO TOTAL	- - - - - - - - - - - - - - - - - - -	20 20 20 20 20	1 1 1 1		1.5	B A B A B 5.4	E		20 20 20 20 PAN CB'S	1 1 EL SHAI 3 AND SF 200% N	12 12 12 12 12 12 12 12 12 12 12 12 12 1	12 12 12 12 12 12 12 12 12 12 12 12 12 1		(N) TIME CLOCK SPARE (E) LOAD (E) LOAD (E) LOAD (E) LOAD USES FOR ALL	12 12 16 18

