			Pre	-Inspection Mezz	anine Walkthrough	Check	dist
Date:	12/11/2014	ļ	Station Name: Fede	ral Triangle - D01	Mezzanine #: 053	Complete	ed By: Tino Sahoo
Check		Та	isk	Equ	lipment	Room ID	Notes
Ø	the field/re		power design matches y locations of the	Electrical Source Panel Name/Number: Source Breaker Name/Number Electrical AFC Panel Name/Number:	ESS MDP : Breaker #3 WF	Rm 205 Rm C206	
7	AFC electr	rical power p	itch is connected to the banel. Low or High escorts requirements?	Disconnect Name/Number: "Tra SMNT/POWR escorts: LO	ans for Panel's WF and WM2" W Voltage	Rm C206	
	AFC Pane		red raceway between and identify additional e-energized.	Do AFC Panel loads feed into a raceway e.g. trench or trough? specify source panels in notes.			
	Identify the assumed pathway of duct / conduit, the location of the handholes, manholes and boxes and accessibility or special escort requirement?			PLNT 🔽 COMM / IT RAIL 🗌 CMNT Other Access/Support:			Manholes located in between both faregate arrays.
	Identify handhole or manhole access requirement.			Required PLNT Mason for handhole/manhole access? Identified Conduit/Duct Transition to mezzanine level?	NO YES		All conduit/ducts on one level.
Emerg	ency Powe	er Verificati	on				-
Check		Та	isk	Equ	lipment	Room ID	Notes
			l panel is connected fer Switch (ATS).	ATS Name/Number:			
	Verification of Kiosk Emergency Panel(s) (KE, KES, KESS, etc)			Source Panel Name/Number:	WE2	Rm C206	
V			Source Breaker Name/Number	_{r:} Breaker #22,24	Rm C206		
				Panel Name/Number:	Kiosk Emergency Panel	Kiosk	
Notes	and Discre	epancies:					
Sign C	Off		GFP Represe	entative		WM	ATA PRGM
Name:		Tino Sahoo	· · · · · · · · · · · · · · · · · · ·				
Signat	ture:	Tanmaya Sahoo					
Date:							



Picture 1: D01 Federal Triangle – No handholes in entrance passageway



Pictures 2-4: D01 Federal Triangle – Manholes in between both faregate arrays



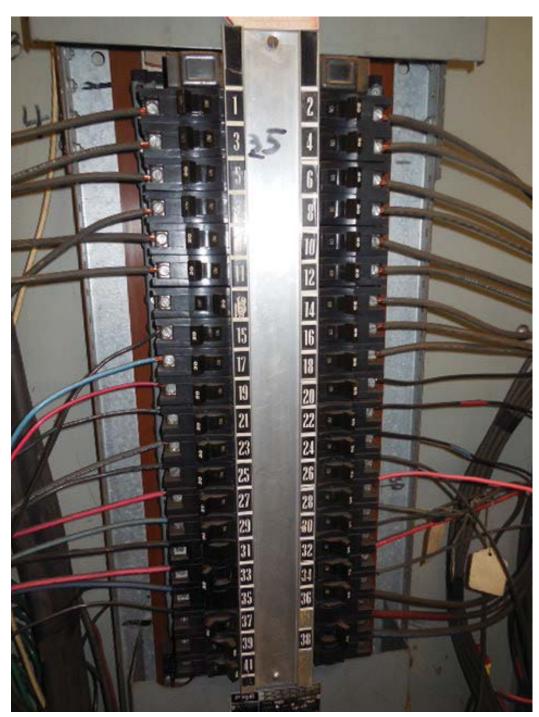


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00 RECENTION CON		а 1201 — токана ПТАМБ УЛСКО НОДО СКАЗАТИКА СТАТИТИКА И	Bie Cosp & Cr Any	And	A Brancisk Weiter Kongenstern An Statistiker som An Statistiker som An Statistiker som av Ander Statistiker Ander Ander Statistiker Ander Statistiker Ander Statistiker Ander	
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Pictures 5&6: D01 Federal Triangle – Emergency panel in Kiosk



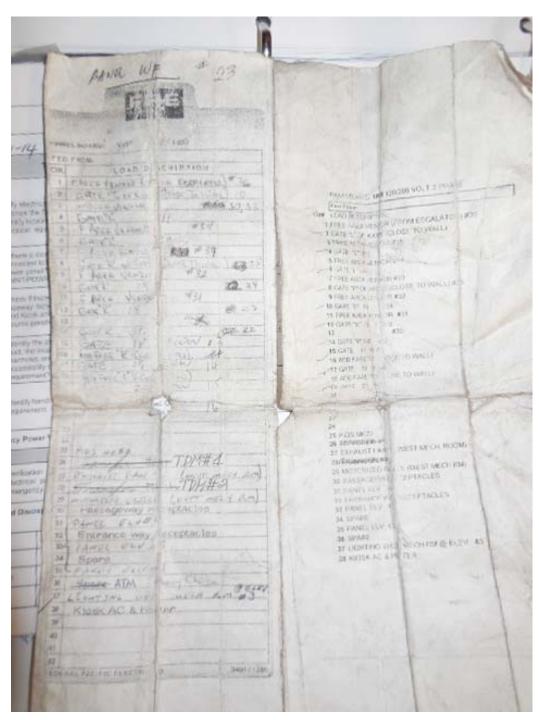
Picture 7: D01 Federal Triangle – AFC Panel WF in room C206



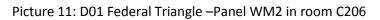
Picture 8: D01 Federal Triangle – AFC Panel WF in room C206

Picture 9: D01 Federal Triangle – AFC Panel WF in room C206 – Bottom ducts and conduit





Picture 10: D01 Federal Triangle – AFC Panel WF in room C206 – Panel schedule



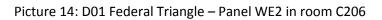


1 3 the milli carracter afether PANELBOARD, WM-2 208/120 FED FROM: CIR. LOAD DESCRIPTION 3 W.Entrance Lights 2 W. Entrance Lights Reagon Ent W. Brenance Ligner W. Entrance Lights Reages Ent W. Entrance Lights W. Entrance Lights Reagen ENT. ٠ . 4 Fare Vending Area 4 W. Entrance Lights Fare Vending Area W. Entrance Lights 12 Fare Vending Area 12 Spare 34 Fare Vending Area 15 Passageway Lts 16 Fare Vending Area 17 Passageway Lts 18 Fare Vending Area 19 Future Entrense 20 Lights birlos uzzanine Future Entrance 22 Lights below Mezzanine 23 Future Entrance 24 Future Entrance Lts Autor Me Machine Rm Light (2411) 26 Receptacle Mark, Roy (19200) 27 28 Spare 29 Spare 30 Spare 31 Spare 32 Spare 35 Spare 3.6 37

Picture 12: D01 Federal Triangle – Panel WM2 in room C206 – Panel schedule



Picture 13: D01 Federal Triangle – Transformer for Panels WF and WM2 in room C206



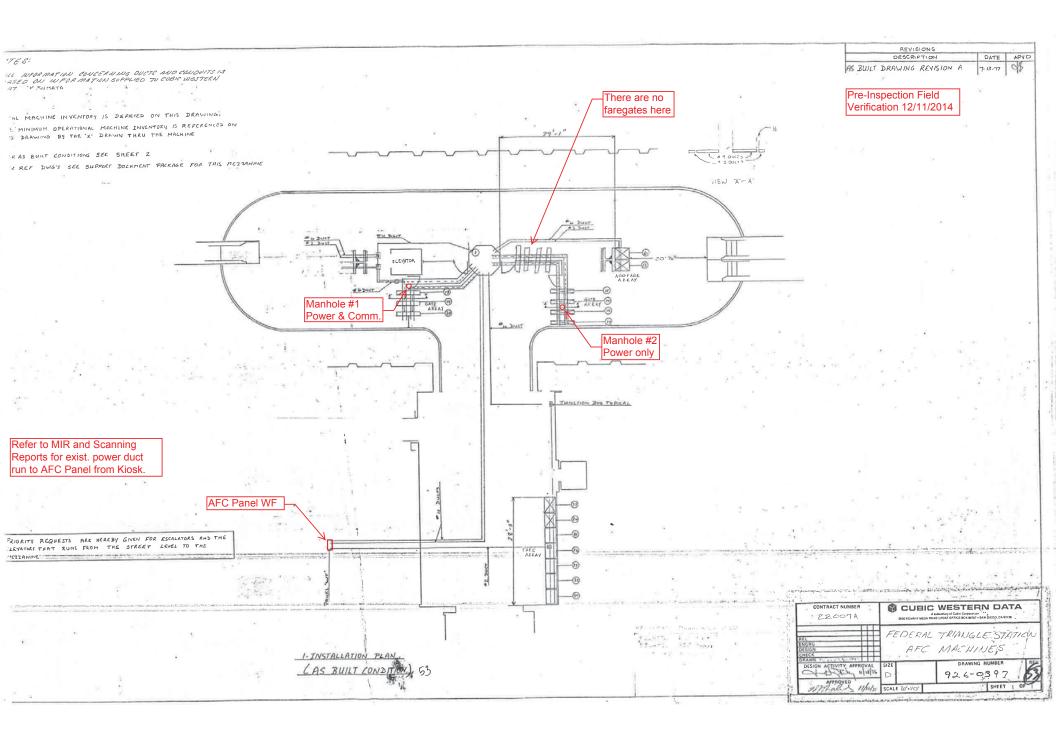


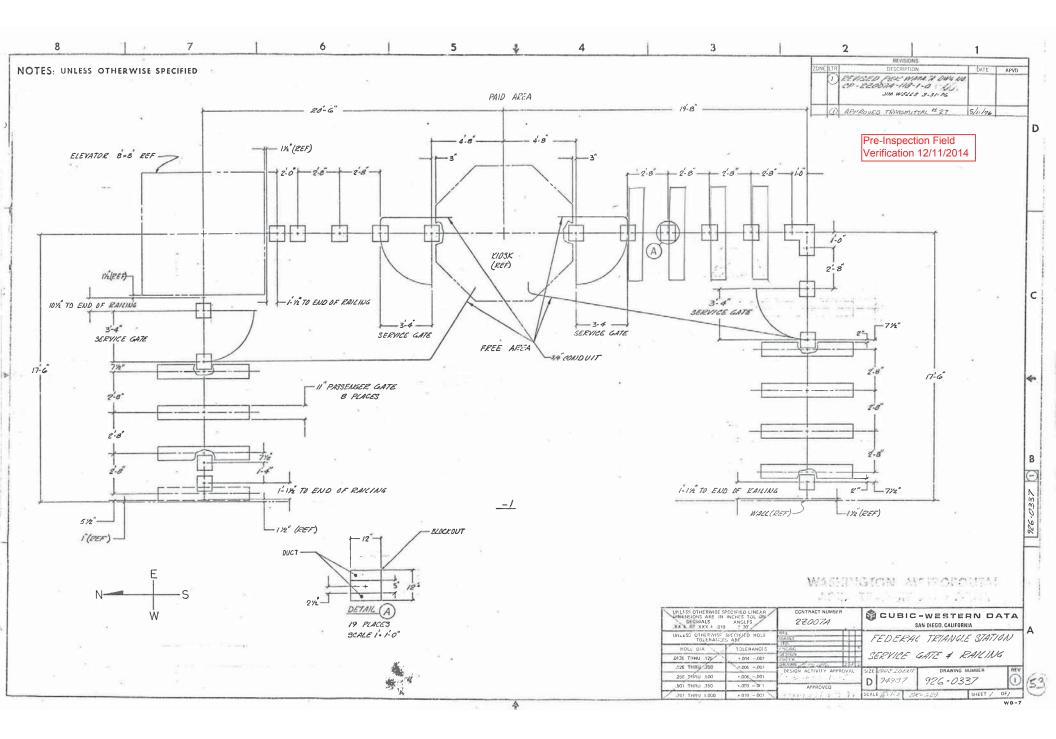


Picture 15: D01 Federal Triangle – Panel WE2 in room C206

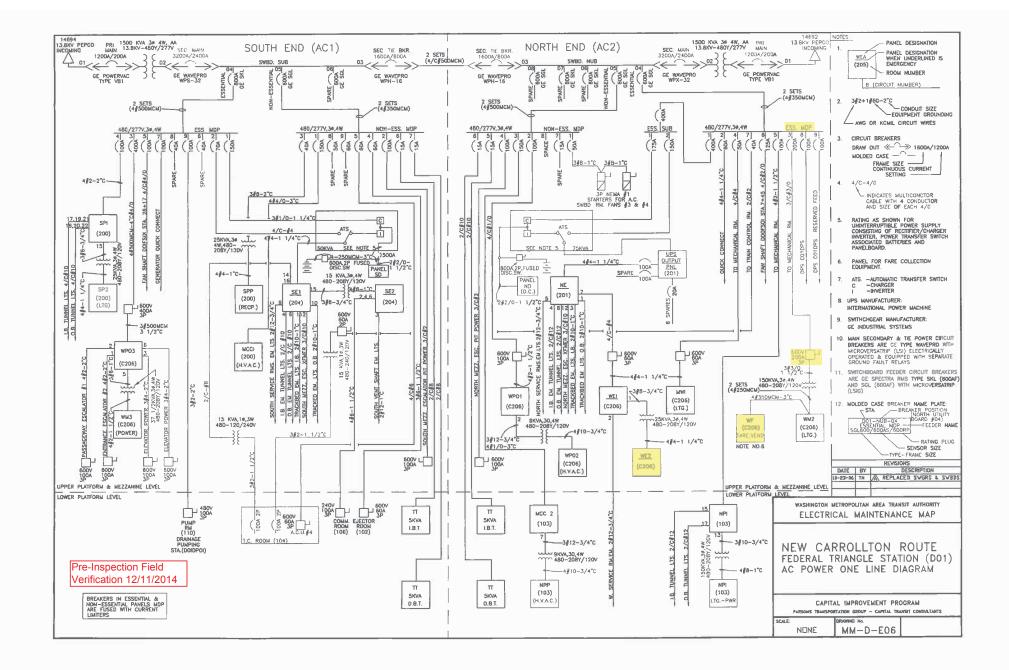
	BOARD: WE 2 120/208V
CIR.	LOAD DESCRIPTION
1	Faye vending
2	Pattine E. Entrance Verizon Box
3	Passageway
4	Future E. Entrance
5	W. Entrance Area
6	Below Mezzanine
7	Passageway Escalator
8	Entrance Escalator
9	Passageway Escalator BRAKES
10	Entrance Escalator BRAKES
11	Passageway Escalator
12	Escalator Controls Gove Surrey
13	Spare EM. LICHTS WEST MECH RM
14	Car & Hoistway Power 2 PIT LTS
15	_ Spare CCTV SYSTEM (W. M. R.
10	Fotore Escalator #2 GAR LITES
18	Star CAr Lights ELEU #3
19	SPOR CAR LIGHTS ELSU #1
20	Spare
21	Spare CAK #2 673
22	Kiosk Panel
23	Spare
24	Kiosk Panel
25	

Picture 16: D01 Federal Triangle – Panel WE2 in room C206 – Panel schedule





11	Pre-Inspection Field			EX	STING P	ANEL	"WF" 、	/	
	Verification 12/11/2014	AMPERES: 400	VOLTS:		MOUNTIN			*	
	veniication 12/11/2014	MAINS: 400A MCB	PHASE:	3	LOCATION	MECH	ANICAL EQUI	P. ROOM 205	C206
		RATING 10K AIC	WIRE:	4	SECTION	1 OF 1			
				CKT BKF	S CKT	CKT.	CKT BKRS		
		LOAD DESCRIPTION	KVA	AMP P			POLE AMP		LOAD DESCRIPTION
		EXISTING VENDOR	0.6	~ 1	1 1 A ·		1 20		EXISTING VENDO
		EXISTING VENDOR	0.8		1 3 - 6		1 20		EXISTING VENDO
		EXISTING VENDOR EXISTING VENDOR	0.8		1 5		1 20		EXISTING VENDO EXISTING VENDO
		EXISTING VENDOR	0.8		1 7 A - 1 9 - E	_	1 20		EXISTING VENDO
		EXISTING VENDOR	0.8		1 11 -			_	EXISTING VENDO
		SPARE	0.0		1 13 A ·		1 20		EXISTING VENDO
		EXISTING VENDOR	0.8		1 15 · E		1 20		EXISTING VENDO
		EXISTING VENDOR	08	1	1 17				EXIST ING VENDO
		EXISTING VENDOR	0.8		1 19 A -		1 20		EXISTING VENDO
		EXISTING VENDOR	0.8		1 21 · E		1 20		EXISTING VENDO
		EXISTING VENDOR	08		1 23		1 20		EXIST ING VENDO
		EXISTING VENDOR EXISTING VENDOR	08		1 25 A - 1 27 - E		1 20 1 20		EXIST ING VENDO EXIST ING VENDO
		EXISTING VENDOR	0.8		1 29 .				EXISTING VENDO
		EXISTING VENDOR	14		3 31 A				EXISTING VENDO
			1.0			- 34	1 20		EXISTING VENDO
			10		35	C 36	1 20		EXISTING VENDO
		EXISTING VENDOR	00		1 37 A -				EXIST LOAD CENTER *KE
		1 NEW KIOSK RECEPT. (IT & NEPP			1 <u>39</u> - E				
	V 18	42 SPARE (KIOSK)	0.0		1 41 -				
			2. CBTC	BE RESER	ED FOR FUTU	RE AFC			
•									
					LOAD S	JMMA	RY		
		LIGHTS		0.0 x 1				0.0 K	
		RECEPT ACLES, FIRST 10 KVA		10.0 x 15.6 x 1				10.0 K	
		RECEPT ACLES MISC APPLIANCES		15.6 X				7.8 K 0.0 K	
		LARGEST MOTOR		0.0 x				0.0 K	
		MOTORS		0.0 x				0.0 K	
		HEAT		6.0 x				7.5 K	
		AC		4.5 x	00%			4.5 K	
		WAT ER HEAT ING		00 x	25%			0.0 KV	VA
		TOTAL CONNECTED LOAD		36.1 K		OTAL DEM		29.8 K	
					т	OTAL DEM	AND AMPS	82.8 A	MPS
		CONNECTED LOAD PHASE SUM	MARY						
		PHASE A	MARY	11.5 K					
		PHASE A PHASE E	MARY	131 K	A				
		PHASE A PHASE EI PHASE C		13 1 K 11 5 K	A				
Existing SWBD "ESS		PHASE & PHASE B PHASE C [.] NOTES: A. EXISTING PANEL	WF" IS FED	131 KV 11.5 KV	A A /208V, 3#, 4	V - Existin	PANEL "NM	DP" LOCATE I	IN AC SWED ROOM 205,
Existing SWBD "ESS IN AC SWBD ROOM		PHASE A PHASE B PHASE C NOTES: A EXISTING PANEL - CIRCUT #4-200A	WF" IS FED	131 KV 11.5 KV FROM 120	A A //208V, 34, 4 WG: MM-D-EC	V EXISTING	PANEL "NM	DP" LOCATE I	IN AC 5WBD ROOM 205,
	205, BREAKER #3	PHASE A. PHASE B PHASE C NOTES: A. EXISTING PANEL CIRCUIT \$4-2004 B. EXISTING WIRING F * 2-6 1/2 ⁺ x	WF" IS FED /3p (see / ied from e 1 1/2" FL(13 1 KV 11.5 KV FROM 120 TTACHED E KOTTOM OF XOR DUCT	A A /208V, 34, 4 WG. MM D EC PANEL BY: (WIRING FILL 2	6). •40%).	PANEL "NMI	dp" locate i	IN AC SWBD ROOM 205,
IN AC ŠWBD ROOM - 200A/3P VIA DISCO	205, BREAKER #3 DNNECT SWITCH	PHASE A PHASE C NOTES: A. EXISTING PANEL - CINCUIT #1 - 2004 B. EXISTING WIRING F * 2-6 1/2*x 1 1 * 1-2*x 1 1	WF" IS FED /3P (SEE A TED FROM E 1 1/2" FLO 2" FLOOR	131 KV 11.5 KV FROM 120 TTACHED E IOTTOM OF DOR DUCT DUCT (WIRI	A /208V, 34 , 4 wg. MM D E0 PANEL BY: (WIRING FILL >40%)	6). •40%).	- Panel "NM(dp" locate i	IN AC SWBD ROOM 205,
IN AC ŠWBD ROOM - 200A/3P VIA DISCO "TRANSF FOR PANE	205, BREAKER #3 DNNECT SWITCH EL'S WF AND	PHASE A PHASE E PHASE C 	WF" IS FED /3P (SEE A TED FROM E 1 1/2" FLO 2" FLOOR I 2" FLOOR I 20 FROM 1 (1-EMPTY,	131 KV 11.5 KV FROM 120 TACHED E ROTTOM OF DOR DUCT DUCT (WIRI OP OF PAU 1-WIRING	A A /208V, 34, 4 WG MM D E PANEL BY: (WIRING FILL >40%) KE BY: FILL >20% &	6). •40%).		dp" locate i	N 4C 5W80 ROOM 205,
IN AC ŠWBD ROOM - 200A/3P VIA DISCO	205, BREAKER #3 DNNECT SWITCH EL'S WF AND	PHASE A PHASE E PHASE C NOTES: A EXISTING PANEL 	WF" IS FED /3P (SEE / FED FROM E 1 1/2" FL(2" FLOOR 1 2" FLOOR 1 2" FROM 1 (1-EMPTY, ED FROM L	131 KV 11.5 KV FROM 120 TACHED E OTTOM OF DOCT (WIRI OP OF PAU 1-WIRING EFT SIDE	A A /208V, 34, 44 WG. MM - D - EG PANEL BY: (WIRING FILL) (WIRING FILL	6). •40%).		dp" locate i	N & SVB0 ROCM 205,
IN AC ŠWBD ROOM - 200A/3P VIA DISCO "TRANSF FOR PANE WM2" VIA 150KVA TI	205, BREAKER #3 DNNECT SWITCH EL'S WF AND	PHASE A PHASE E PHASE C 	WF" IS FED /3P (SEE / FED FROM E 1 1/2" FL(2" FLOOR 1 2" FLOOR 1 2" FROM 1 (1-EMPTY, ED FROM L	131 KV 11.5 KV FROM 120 TACHED E OTTOM OF DOCT (WIRI OP OF PAU 1-WIRING EFT SIDE	A A /208V, 34, 44 WG. MM - D - EG PANEL BY: (WIRING FILL) (WIRING FILL	6). •40%).	FILL >40%).]
IN AC ŠWBD ROOM - 200A/3P VIA DISCO "TRANSF FOR PANE WM2" VIA 150KVA TI REFERENCE DRAWINGS REVISIONS	205, BREAKER #3 DNNECT SWITCH EL'S WF AND RANSFORMER.	PHASE A PHASE E PHASE C NOTES: A EVISTING PANEL B. EXISTING WRING F * 2-6 1/2*x * 1-2*x 1 1) EXISTING WRING F * 2-3* C. (1-	WF" IS FED /3P (SEC / FED FROM E 1 1/2" FL 2" FLOOR I 1 1/2" FLOOR I 20 FROM I (1-EMPTY, FD FROM I -WIRING FIL	131 KV 11.5 KV FROM 120 TTACHED E NOTOM OF NOR DUCT NOR DUCT UDCT (WIRING EFT SIDE I L >40% &	A A //20BV, 34, 44 WG MM D EC PANEL BY: (WIRING FILL >40%) HEL BY: TIL >20% & DF PANEL BY: 1-EMFTY).	6). :40%). 3-WIRING	FILL >40%).	ELEC1	
IN AC ŠWBD ROOM - 200A/3P VIA DISCO "TRANSF FOR PANE WM2" VIA 150KVA TF WM2" VIA 150KVA TF 00 010-14 NUMBER DESCRIPTION 00 DATE BY DESCRIPTION	205, BREAKER #3 DNNECT SWITCH EL'S WF AND RANSFORMER. WASHINGTON	PHASE A PHASE E PHASE C NOTES: A. EXISTING PANEL - cincutif \$4 - 200A B. EXISTING WIRING F * 2-6 1/2*x * 1-2*x 1 1/1 EXISTING WIRING F * 2-3'C. (1: METROPOLITAN AR	WF" IS FED /3P (SEC / FED FROM E 1 1/2" FL 2" FLOOR I 1 1/2" FLOOR I 20 FROM I (1-EMPTY, FD FROM I -WIRING FIL	131 KV 11.5 KV FROM 120 TRACHED E DOTTOM OF XOR DUCT UCT (WIRI OP OF PAI 1-WIRING ET SIDE L >40X &	A (2087, 34, 4) (2087, 34, 4) (34, 4	6). :40%). : 3-WIRING	FILL >40%).	ELEC1	TRONIC PAY PR METRORAIL STA
10-14 REFERENCE DRAWINGS REVISIONS 10-14 MUMBER DESCRIPTION 10-14 DESCRIPTION DATE	205, BREAKER #3 DNNECT SWITCH EL'S WF AND RANSFORMER. WASHINGTON I DEPARTMENT OF TRANS	PHASE A PHASE C NOTES: A EXISTING PAVEL 	WF" IS FED /3P (SEC / FED FROM E 1 1/2" FL 2" FLOOR I 1 1/2" FLOOR I 20 FROM I (1-EMPTY, FD FROM I -WIRING FIL	131 KV 11.5 KV FROM 120 TRACHED E IOTTOM OF DUCT (WIRI OP OF PAI 1-WIRING EFT SIDE I L >40% &	A /208V, 34, 4 WG. MM - D - EG PANEL BY: 46 FILL > 20% & FILL > 20% & 1 - EMPTY). AUTHOR 11 F148/18/	6). 40%). 3-WIRING	FILL >40%).	ELEC1	TRONIC PAY PR METRORAIL STA FEDERAL TRIANG
ID-14 ID	205, BREAKER #3 DNNECT SWITCH EL'S WF AND RANSFORMER. WASHINGTON	PHASE A PHASE E PHASE C NOTES: A EXISTING PANEL - CINCUIT 14-2004 B. EXISTING WIRING I - 2-6 1/2'x - 1-2'x 1 1/ EXISTING WIRING I - 5-3/4" C. (1 METROPOLITAN ARI STI INFRASTRUCTURE	WF" IS FED 39 (SEE + ED FROM E 1 1/2" FLI 2" FLIOR ED FROM I 1 (- EMPTY, ED FROM I WIRING FIL WIRING FIL EA TRA	131 KV 11.5 KV FROM 120 TRACHED E IOTTOM OF DUCT (WIRI OP OF PAI 1-WIRING EFT SIDE I L >40% &	A (2087, 34, 4) (2087, 34, 4) (34, 4	6). 40%). 3-WIRING	FILL >40%).	ELEC1	TRONIC PAY PR METRORAIL STA



es Panel NM via breaker feeds Panel NMH. feeds Panel NMPO.
Panel NM via breaker
eeds Panel NMH.
occorranorrani O.
, NMH, NMPO, and ugh).
vel. Power duct run is AFC Panel.
es
ergency power: r;



Picture 1: D02 Smithsonian North – Handholes on Mezzanine



Picture 2: D02 Smithsonian North – Handholes on Mezzanine



Picture 3: D02 Smithsonian North – Manholes in Service corridor



Picture 4: D02 Smithsonian North – Emergency Panel KE in Kiosk



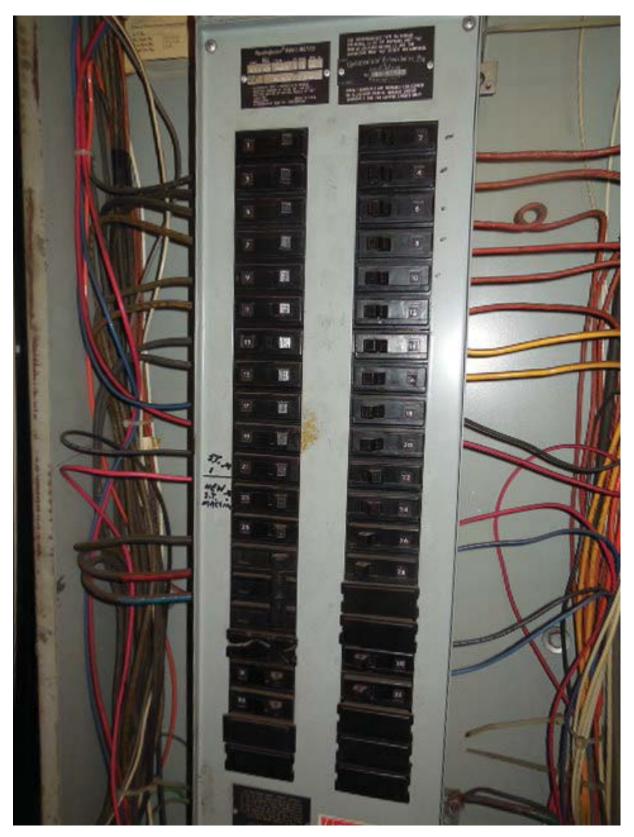
Picture 5: D02 Smithsonian North – Emergency Panel KE in Kiosk



Picture 6: D02 Smithsonian North – Unknown Emergency Panel in Kiosk



Picture 7: D02 Smithsonian North – AFC Panel NF in Room 215



Picture 8: D02 Smithsonian North – AFC Panel NF in Room 215

WESTINGHOUSE DIRECTORY CIRCUIT Gate 2. Fare Norma hting are Gate are Gate 4 jat 6 re 8 ree Area 10 11/4 12 14 14" 11 13 " 11 14 16 ____ 21 11 15 18 MAH 17 20 AFC rea 19 22 -2 26 11/ 01 25 " 11 自由り 28 Spare 27 A/C Heating-Kiosk 1 34 Spare. 30 5 32 Spare Neu 34 Blank 36 _____ Blank 11 1F

Picture 9: D02 Smithsonian North – AFC Panel NF in Room 215 – Panel schedule



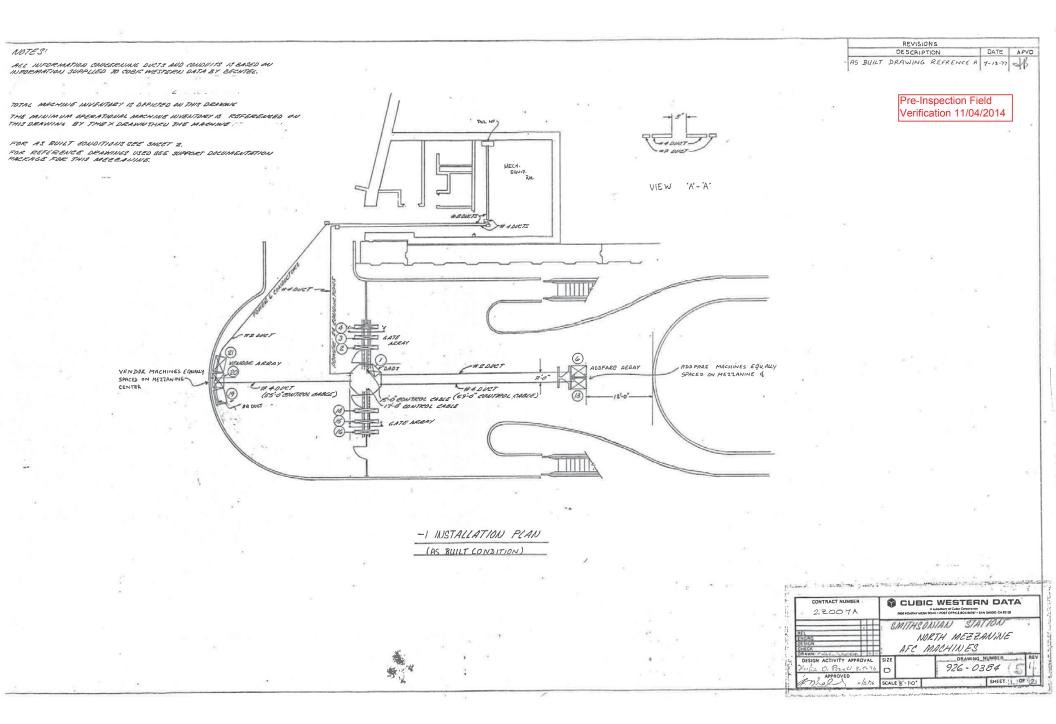
Picture 10: D02 Smithsonian North – AFC Panel NF in Room 215 – Bottom duct & conduits

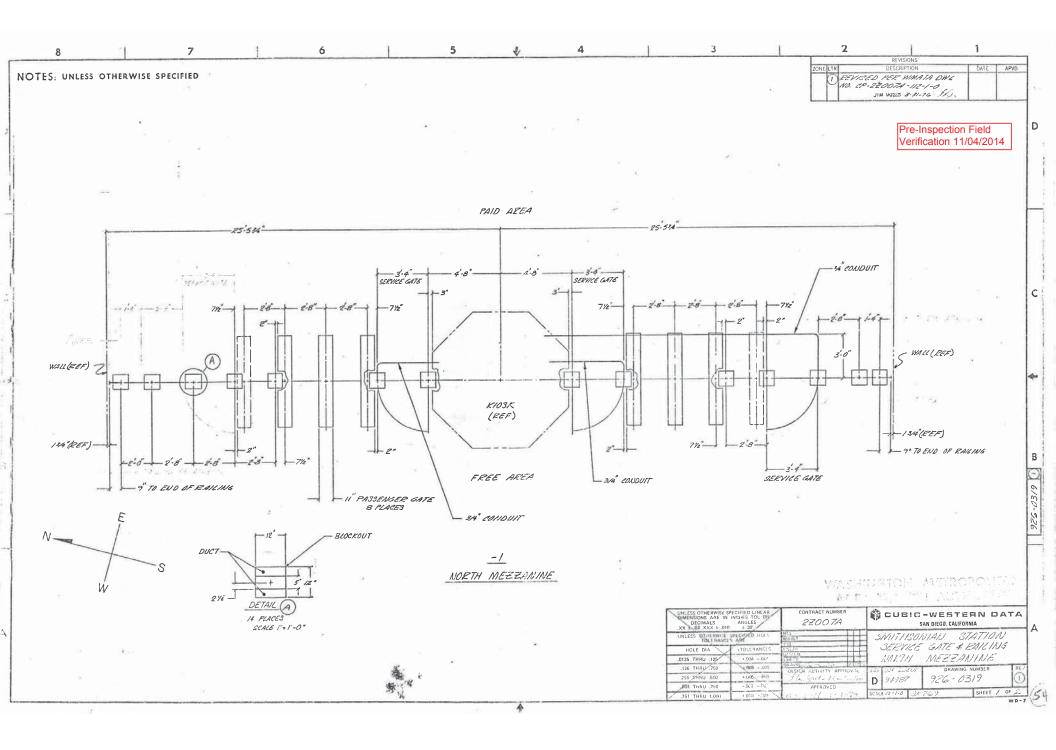
Picture 11: D02 Smithsonian North – Common trough for Panels NM, NM-E, NMH-E, NMH, & NMPO in Room 215



Picture 12: D02 Smithsonian North – Common trough for Panels NM, NM-E, NMH-E, NMH, & NMPO in Room 215

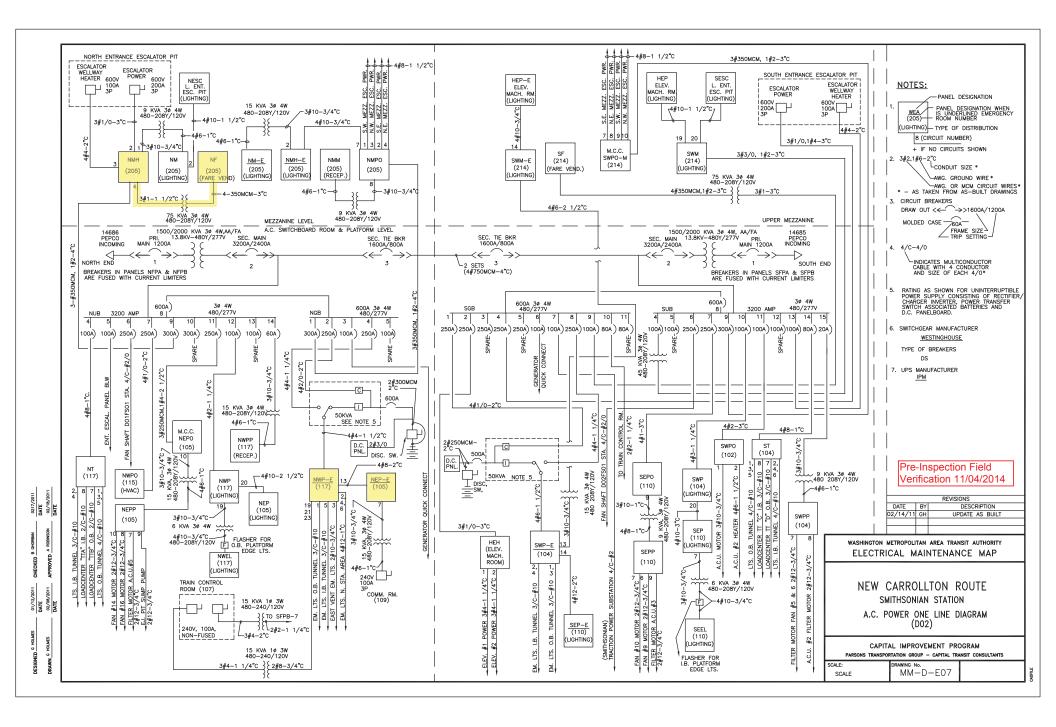




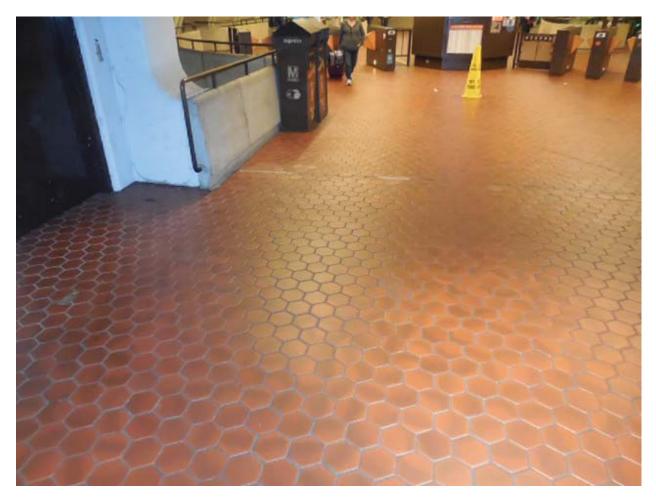


			E	EXIS	TIN							
A	MPERES: 400	VOLTS:	120/208				SURF A					
	AINS: 400A MLO	PHASE: 3							L EQUIP.	ROOM 214		
	RATING: 10K AIC	WIRE:	4		SECT		1 OF 1	-				
-			CKT	BKRS	CKT.	1	CKT.	CK1	F BKRS			
	LOAD DESCRIPTION	KVA	AMP	POLE	NO.		NO.	POLE	AMP	KVA	LOAD DESCRIPTION	
E	XISTING VENDOR	0.8	20	1	1	A	2	1	20	0.8	EXIST ING VENDOR	
	XISTING VENDOR	0.8	20	1	3	- B -	4	1	20	0.0	SPARE	
	XISTING VENDOR	0.8	20	1	5	C	6	1	20	0.8	EXIST ING VENDOR	
	XISTING VENDOR	0.8	20	1	7	A	8	1	20	0.8	EXIST ING VENDOR	
	XISTING VENDOR	0.8	20	1	9	- B -	10	1	20	0.8	EXIST ING VENDOR	
	XISTING VENDOR	0.8	20	1	11	C	12	1	20	0.8	EXIST ING VENDOR	
	XISTING VENDOR	0.8	20	1	13	A	14	1	20	0.8	EXIST ING VENDOR	
	XISTING VENDOR	0.8	20	1	15	- B -	16	1	20	0.8	EXIST ING VENDOR	
	XISTING VENDOR	0.8	20	1	17	C	18	1	20	0.0	SPARE	
	PACE	0.0		-	19	A	20	3	20	2.9	EXIST. LOAD CENTER "KES"	
	XISTING VENDOR	0.8	20	1	21	- B -	20	-		2.5		
	PACE	0.0		-	23	C	24	-		2.5		
	XISTING VENDOR	0.8	20	1	25	A	26	1	20	0.0	SPARE	
	IEW KIOSK RECEPT. (IT & NEPP)	0.0	20	1	27	- B -	28	1	20	0.0	SPARE	
	PARE (KIOSK)	0.0	20	1	29	C	30	1	20	0.0	EXISTING VENDOR	
	PARE (RIOSK)	0.0	20	1	31	A	32	1	20	0.0	EXISTING VENDOR	
	SPARE .	0.0	20	1	33	- B -	34	1	20	0.8	EXISTING VENDOR	
	PARE	0.0	20	1	35	C	36	1	20	0.8	EXISTING VENDOR	
-	PARE	0.0	20	1	37	A	38	1	20	0.0	SPARE	
	PARE	0.0	20	1	39	- B -	40	1	20	0.0	SPARE	
-	PARE	0.0	20	1	41	C		1	20	0.0	SPARE	
							IG SPAI	KE ZUA	, 11 00			
				Served		UTURE		KE 20A	, 11 00			
					FORI		AFC		, 11 05			
L	IGHTS		0 BE RE	L(DAD	UTURE	AFC		, 11 00	0.0 F	(VA	
	IGHTS RECEPTACLES, FIRST 10 KVA		0 BE RE	L	DAD	UTURE	AFC		, 11 05	0.0 H 10.0 H		
R			0 BE RES 0.0 10.0	L(DFOR P	UTURE	AFC				(VA	
R	RECEPTACLES, FIRST 10 KVA		0.0 0.0 10.0 8.8	L() x 1255) x 1005	DAD	UTURE	AFC			10.0 H	(VA (VA	
R R N	RECEPTACLES, FIRST 10 KVA RECEPTACLES		0.0 0.0 10.0 8.0 0.0	L() x 1259) x 1009 3 x 50%	DAD	UTURE	AFC		,	10.0 H 4.4 H	KVA KVA KVA	
R R N L	RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES		0.0 0.0 10.0 8.0 0.0	L() x 1259) x 1009 3 x 50%) x 1009	DAD	UTURE	AFC			10.0 H 4.4 H 0.0 H	CVA CVA CVA CVA	
R N L N	RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES ARGEST MOTOR		0.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0	L() x 1259) x 1009 3 x 50%) x 1009) x 1259	DAD	UTURE	AFC			10.0 H 4.4 H 0.0 H 0.0 H	CVA CVA CVA CVA CVA	
R N L N H	RECEPTACLES, FIRST 10 KVA RECEPTACLES NISC. APPLIANCES ARGEST MOTOR NOTORS		0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	L() x 1259) x 1009 3 x 50%) x 1009) x 1259) x 1009) x 1009) x 1009	DAD	UTURE	AFC			10.0 H 4.4 H 0.0 H 0.0 H 0.0 H	CVA CVA CVA CVA CVA CVA	
R N L M H A	RECEPTACLES, FIRST 10 KVA RECEPTACLES NISC. APPLIANCES ARGEST MOTOR NOTORS HEAT		0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	L() x 1255) x 1005 3 x 50%) x 1005) x 1255) x 1005) x 1255) x 1005) x 1255) x 1005) x 1255) x 1005) x 1055) x 1055 	500 1 0 FOR 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	UTURE	AFC			10.0 H 4.4 H 0.0 H 0.0 H 0.0 H 3.8 H	0VA 0VA 0VA 0VA 0VA 0VA	
R M L M H A V	RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLANCES ARGEST MOTOR MOTORS HEAT IC		0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	L() x 1259) x 1009 3 x 50%) x 1009) x 1259) x 1259	500 1 0 FOR 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SUN	AFC	RY		10.0 H 4.4 H 0.0 H 0.0 H 0.0 H 3.8 H 4.5 H	(VA (VA (VA (VA (VA (VA (VA	
R M L M H A V	RECEPTACLES, FIRST 10 KVA RECEPTACLES IISC. APPLIANCES ARGEST MOTOR IOTORS IEAT C C VATER HEATING		0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	L() x 1259) x 1009 3 x 50%) x 1009) x 1259) x 1009) x 1259 5 x 1009) x 1259 5 x 1009) x 1259 5 x 1009) x 1259	500 1 0 FOR 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SUIVE	AFC	RY		10.0 H 4.4 H 0.0 H 0.0 H 3.8 H 4.5 H	0VA (VA (VA (VA (VA (VA (VA (VA (
R M L M H A V T	RECEPTACLES, FIRST 10 KVA RECEPTACLES IISC. APPLIANCES ARGEST MOTOR IOTORS IEAT C C VATER HEATING	2. CB T	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	L() x 1259) x 1009 3 x 50%) x 1009) x 1259) x 1009) x 1259 5 x 1009) x 1259 5 x 1009) x 1259 5 x 1009) x 1259	500 1 0 FOR 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SUIVE	AFC	RY		10.0 k 4.4 k 0.0 k 0.0 k 3.8 k 4.5 k 0.0 k 22.7 k	0VA (VA (VA (VA (VA (VA (VA (VA (
R M L M H A V T C	RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES ARGEST MOTOR MOTORS REAT C VATER HEATING OTAL CONNECTED LOAD	2. CB T	0.0 10.0 10.0 10.0 10.0 10.0 0.0	L() x 1259) x 1009 3 x 50%) x 1009) x 1259) x 1009) x 1259 5 x 1009) x 1259 5 x 1009) x 1259 5 x 1009) x 1259	500 1 0 FOR 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SUIVE	AFC	RY		10.0 k 4.4 k 0.0 k 0.0 k 3.8 k 4.5 k 0.0 k 22.7 k	0VA (VA (VA (VA (VA (VA (VA (VA (
R R L M H A V T C P	RECEPTACLES, FIRST 10 KVA RECEPTACLES IISC. APPLIANCES ARGEST MOTOR NOTORS REAT C C VATER HEATING 'OTAL CONNECTED LOAD CONNECTED LOAD PHASE SUMM	2. CB T	0.0 0.0 10.0 10.0 0.0 0.0 0.0 0.0	L() x 125) x 100) x 100) x 125) x 100) x 125) x 125) x 125 3 x 50%) x 100) x 125 3 x 100 x 125 x 100 x 100	500 1 0 FOR 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SUIVE	AFC	RY		10.0 k 4.4 k 0.0 k 0.0 k 3.8 k 4.5 k 0.0 k 22.7 k	0VA (VA (VA (VA (VA (VA (VA (VA (
R M L M H A V T C P P	RECEPTACLES, FIRST 10 KVA RECEPTACLES INSC. APPLIANCES ARGEST MOTOR IOTORS REAT C VATER HEATING TOTAL CONNECTED LOAD PHASE A	2. CB T	0.0 0.0 10.0 10.0 0.0 0.0 0.0 0.0	L() x 125 3 x 50%) x 100 0 x 125 0 x 125 0 x 100 0 x 125 0 x 100 0 x 125 0 x 100 0 x 125 0 x 100 0 x	500 1 0 FOR 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SUIVE	AFC	RY		10.0 k 4.4 k 0.0 k 0.0 k 3.8 k 4.5 k 0.0 k 22.7 k	0VA (VA (VA (VA (VA (VA (VA (VA (
R M H A V T C P P P	RECEPT ACLES, FIRST 10 KVA RECEPT ACLES INSC. APPLIANCES INSC. APPLIANCES NOTORS IEAT C C WATER HEATING OTAL CONNECTED LOAD CONNECTED LOAD PHASE SUMM WHASE A HASE A HASE C:	2. CB TI SF" IS FE SJP VIA 1 FED FROM ED FROM TRANSFO ED FROM	000 BE RES 000 BE RES 0000 BE RES 00000 BE RES 0000 BE	L() x 125% 3 x 50% 3 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 5 x	480V, RMER () 34 (1 () 34 (1 () 34 (1 () 34 (1 () 34 (1 () 34 (1) ()	UTURE / SUN SUN 107/	AFC IMA AL DEM AL DEM EXISTII	RY IAND K IAND A NG SW D DWG	IBD "ACO	10.0 4.4 0.0 0.0 3.8 4.5 0.0 22.7 62.9 /	0VA (VA (VA (VA (VA (VA (VA (VA (
RRMLL MHAVT CPPP N	RECEPTACLES, FIRST 10 KVA RECEPTACLES IISC. APPLIANCES ARGEST MOTOR IOTORS IEAT C VATER HEATING OTAL CONNECTED LOAD CONNECTED LOAD PHASE SUMM HASE A: 14ASE D: 14ASE	2. CB TI IARY SF" IS FE TED FROM , (3-WIR TED FROM WIRING F ED FROM ED FROM	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	L() x 125% 3 x 50% 3 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 5 x	480V. 480V. 86 480V. 97 97 97 97 97 97 97 97 97 97	TOT/ 30, 4W (SEE MRIN) 30, 4W (SEE MRIN) 30, 4W (SEE MRIN) 4003), 4003), 401 BY:	AFC IMA AL DEM EXISTII TTACHE G FILL	RY AAND K AAND A NG SW D DWC >20%	IBD "ACO S. MM-D S.)).	10.0 4.4 0.0 0.0 3.8 4.5 62.9 / 62.9 / 22.7 62.9 /	QVA QVA QVA QVA QVA QVA QVA QVA QVA XVA MPS	WAS
R R M Ц M H A V V T C C P P P P N N	RECEPTACLES, FIRST 10 KVA RECEPTACLES INSC. APPLIANCES ARGEST MOTOR NOTOR IEAT C C WATER HEATING ************************************	2. CB TI SF" IS FE ED FROM TRANSFOR FROM TRANSFOR FROM WIRING F	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	L() x 125% 3 x 50% 3 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 5 x	480V. 480V. 86 480V. 97 97 97 97 97 97 97 97 97 97	TOT/ 30, 4W (SEE ARIN) 30, 4W (SEE ARIN) 2-WIRIN BY: 5403), 16L BY:	AFC IMA AL DEM AL DEM EXISTII	RY AAND K AAND A NG SW D DWC >20%	IBD "ACO S. MM-D S.)).	10.0 F 44 F 0.0 F 0.0 F 3.8 F 4.5 F 0.0 F 22.7 F 62.9 J 2-SOUTH' -E07).	QVA QVA QVA QVA QVA QVA QVA QVA QVA XVA MPS	
R R M H A W T C P P P P P P P P P N N	RECEPT ACLES, FIRST 10 KVA RECEPT ACLES, RIST 10 KVA RECEPT ACLES, RIST, ROLES, ARGEST, MOTOR INSC. APPLIANCES ARGEST, MOTOR IOTORS REAT C WATER HEATING YOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUMM HASE R: HASE C: IOTES: A. EXISTING PANEL CIRCUIT #3-1000, B. EXISTING WIRING F * 5-1 1/2* EXISTING WIRING F * 1-3* C. TO EXISTING WIRING F * 2-1/2* Image: Construct wiring F Image: Constre Image: Constre </td <td>2. CB TI IARY SF" IS FE TED FROM , (3-WIR TED FROM WIRING F ED FROM ED FROM</td> <td>0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0</td> <td>L() x 125% 3 x 50% 3 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 5 x</td> <td>480V. 480V. 86 480V. 97 97 97 97 97 97 97 97 97 97</td> <td>TOT/ 30, 4W (SEE MRIN) 30, 4W (SEE MRIN) 30, 4W (SEE MRIN) 4003), 4003), 401 BY:</td> <td>AFC IMA AL DEM EXISTII TTACHE G FILL</td> <td>RY AAND K AAND A NG SW D DWC >20%</td> <td>IBD "ACO S. MM-D S.)).</td> <td>10.0 4.4 0.0 0.0 3.8 4.5 62.9 / 62.9 / 22.7 62.9 /</td> <td>QVA QVA QVA QVA QVA QVA QVA QVA QVA XVA MPS</td> <td></td>	2. CB TI IARY SF" IS FE TED FROM , (3-WIR TED FROM WIRING F ED FROM ED FROM	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	L() x 125% 3 x 50% 3 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 5 x	480V. 480V. 86 480V. 97 97 97 97 97 97 97 97 97 97	TOT/ 30, 4W (SEE MRIN) 30, 4W (SEE MRIN) 30, 4W (SEE MRIN) 4003), 4003), 401 BY:	AFC IMA AL DEM EXISTII TTACHE G FILL	RY AAND K AAND A NG SW D DWC >20%	IBD "ACO S. MM-D S.)).	10.0 4.4 0.0 0.0 3.8 4.5 62.9 / 62.9 / 22.7 62.9 /	QVA QVA QVA QVA QVA QVA QVA QVA QVA XVA MPS	
R R M H A V V T C P P P P N N	RECEPT ACLES, FIRST 10 KVA REAT C VATER HEATING 'OTAL CONNECTED LOAD CONNECTED LOAD PHASE SUMM HASE A HASE B HASE C CITES: A. EXISTING PANEL COTES: B. EXISTING WIRING F * 5-1 1/2" C EXISTING WIRING F * 2-1/2" C	2. CB TI IARY SF" IS FE TED FROM , (3-WIR TED FROM WIRING F ED FROM ED FROM	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	L() x 125% 3 x 100% 3 x 100% 3 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 3 x 125% 5 x 100% 5 x 100% 5 x 100% 5 x 100% 5 x 100% 5 x 100% 5	480V. 480V. 86 480V. 97 97 97 97 97 97 97 97 97 97	TOT/ 30, 4W (SEE MRIN) 30, 4W (SEE MRIN) 30, 4W (SEE MRIN) 4003), 4003), 401 BY:	AFC IMA AL DEM EXISTII TTACHE G FILL	RY AAND K AAND A NG SW D DWC >20%	IBD "ACO S. MM-D S.)).	10.0 4.4 0.0 0.0 3.8 4.5 62.9 / 62.9 / 22.7 62.9 /	QVA QVA QVA QVA QVA QVA QVA QVA QVA XVA MPS	WASI DEPAI OFFICE C

AMPERES: 400	120/208 3					FACE HANICAL EQUIP. ROOM 205- Room 215									
MAINS: 400A MLO		TION:		ANICAL	. EQUIP.	e- Room 215									
					ION:	1 OF 1									
	CKT BKR			CKT.		CKT.		BKRS							
LOAD DESCRIPTION	KVA	AMP	POLE			NO.	POLE	AMP	KVA	LOAD DESCRIPTION					
EXIST ING VENDOR	0.8	20	1	1	Α	2	1	20	0.8	EXISTING VENDOR					
EXIST ING VENDOR	0.8	20	1	3	- B -	4	1	20	0.8	EXISTING VENDOR					
EXIST ING VENDOR	0.8	20	1	5	C	6	1	20	0.8	EXISTING VENDOR					
EXIST ING VENDOR	0.8	20	1	7	Α	8	1	20	0.8	EXISTING VENDOR					
EXIST ING VENDOR	0.8	20	1	9	- B -	10	1	20	0.8	EXISTING VENDOR					
EXIST ING VENDOR	0.8	20	1	11	C	12	1	20	0.8	EXISTING VENDOR					
EXIST ING VENDOR	0.8	20	1	13	A	14	1	20	0.8	EXISTING VENDOR					
EXIST ING VENDOR	0.8	20	1	15	- B -	16	1	20	0.8	EXISTING VENDOR					
EXIST ING VENDOR	0.8	20	1	17	C	18	1	20	0.8	EXISTING VENDOR					
EXISTING VENDOR	0.8	20	1	19	A	20	1	20	0.8	EXISTING VENDOR NEW KIOSK RECEPT. (IT & NEPP)					
EXISTING VENDOR	0.8	20	1	21	- B -	22	1	20	0.8		1				
EXISTING VENDOR SPARE	0.8	20 20	1	23	C A	24 26	1	20 20	0.0	SPARE (KIOSK) 18	04				
SPARE EXIST. LOAD CENTER "KES"	2.9			25				20		EXISTING VENDOR EXISTING VENDOR					
EAIST. LUAD GENTER KES"	2.9	40	3	27 29	- B - C	28 30	1	20	0.8	EXISTING VENDOR SPACE					
	2.5	-	-	29	C A	30	-	-	0.0	SPACE					
SPACE	0.0	-	-	31	А - В-	32	- 1	- 20	0.0	EXIST ING VENDOR					
SPACE	0.0	20	- 1	35	- в - С	34	1	20	0.8	EXISTING VENDOR					
SPARE	0.0	20	1	37	A	38	-	-	0.0	SPACE					
SPACE	0.0	-	1	39	- B -	40	-	-	0.0	SPACE					
SPACE	0.0	-		41	C	42		-	0.0	SPACE					
			10		SUN	ΛMA	RY								
LIGHTS		0.0	_		SUN	IMA	RY		0.0	K)/A					
LIGHTS RECEPTACLES FIRST 10 KVA) x 1259	6	SUN	/MA	RY			KVA KVA					
RECEPTACLES, FIRST 10 KVA		10.0) x 1259) x 1009	6	SUN	IMA	RY		10.0	KVA					
RECEPTACLES, FIRST 10 KVA RECEPTACLES		10.0) x 1259 x 1009 x 50%	6	SUN	IMA	RY		10.0 6.0	KVA KVA					
RECEPTACLES, FIRST 10 KVA		10.0 12.0 0.0) x 1259) x 1009) x 50%) x 1009	6	SUN	<u>IMA</u>	RY		10.0 6.0 0.0	KVA KVA KVA					
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES		10.0 12.0 0.0 0.0) x 1259 x 1009 x 50%	6 6 6	SUN	<u>IMA</u>	RY		10.0 6.0 0.0 0.0	KVA KVA					
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS		10.0 12.0 0.0 0.0 0.0) x 1259) x 1009) x 50%) x 1009) x 1259) x 1259) x 1009	6 6 6 6	SUN	<u>IMA</u>	RY		10.0 6.0 0.0 0.0 0.0	KVA KVA KVA KVA					
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR		10.0 12.0 0.0 0.0 0.0 3.0) x 1259) x 1009) x 50%) x 1009) x 1259	6 6 6 6	SUN	<u>IMA</u>	RY		10.0 6.0 0.0 0.0 0.0 3.8	KVA KVA KVA					
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC		10.0 12.0 0.0 0.0 0.0 3.0 4.5) x 1259) x 1009) x 50%) x 1009) x 1009) x 1259) x 1009) x 1259	6 6 6 6 6	SUN	<u>IMA</u>	RY		10.0 6.0 0.0 0.0 3.8 4.5	KVA KVA KVA KVA KVA					
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT		10.0 12.0 0.0 0.0 0.0 3.0 4.5 0.0) x 1259) x 1009) x 50%) x 1009) x 1009) x 1259) x 1009) x 1259 5 x 1009	6 6 6 6 6				VA	10.0 6.0 0.0 0.0 3.8 4.5 0.0	KVA KVA KVA KVA KVA KVA					
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING		10.0 12.0 0.0 0.0 0.0 3.0 4.5 0.0) x 1259) x 1009) x 50%) x 1009) x 1259) x 1009) x 1259 5 x 1009 5 x 1009) x 1259	6 6 6 6 6	TOT		IAND K		10.0 6.0 0.0 0.0 3.8 4.5 0.0 24.3	KVA KVA KVA KVA KVA KVA KVA					
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS MOTORS AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUM	IMARY	10.0 12.0 0.0 0.0 0.0 3.0 4.5 0.0) x 1259) x 1009) x 50%) x 1009) x 1259) x 1009) x 1259 5 x 1009 5 x 1009) x 1259	6 6 6 6 6	TOT	AL DEM	IAND K		10.0 6.0 0.0 0.0 3.8 4.5 0.0 24.3	KVA KVA KVA KVA KVA KVA KVA KVA					
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUM PHASE A	IMARY	10.0 12.0 0.0 0.0 0.0 3.0 4.5 0.0 29.5 9.7) x 1259) x 1009) x 50%) x 1009) x 1259) x 1259) x 1259) x 1259 i x 1009) x 1259 i x 1009) x 1259 i x 1009 i x 1259 i x 100 i	6 6 6 6 6	TOT	AL DEM	IAND K		10.0 6.0 0.0 0.0 3.8 4.5 0.0 24.3	KVA KVA KVA KVA KVA KVA KVA KVA					
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A: PHASE A: PHASE B:	IMARY	10.0 12.0 0.0 0.0 3.0 4.5 0.0 29.5 9.7 10.9) x 1259) x 1009) x 50%) x 1009) x 1259) x 1259) x 1259) x 1259) x 1259 5 x 1009) x 1259 5 x 1009 5 x 100	6 6 6 6 6	TOT	AL DEM	IAND K		10.0 6.0 0.0 0.0 3.8 4.5 0.0 24.3	KVA KVA KVA KVA KVA KVA KVA KVA					
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUM PHASE A	IMARY	10.0 12.0 0.0 0.0 3.0 4.5 0.0 29.5 9.7 10.9) x 1259) x 1009) x 50%) x 1009) x 1259) x 1259) x 1259) x 1259 i x 1009) x 1259 i x 1009) x 1259 i x 1009 i x 1259 i x 100 i	6 6 6 6 6	TOT	AL DEM	IAND K		10.0 6.0 0.0 0.0 3.8 4.5 0.0 24.3	KVA KVA KVA KVA KVA KVA KVA KVA					
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLINCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUM PHASE A PHASE B: PHASE C:		10.0 12.0 0.0 0.0 3.0 4.5 0.0 29.5 9.7 10.9 8.9	x 1259 x 1009 x 1009 x 1009 x 1259 x 1009 x 1000 x 1000 x 1000 x 1000 x 1000 x 1000 x 1000 x 1000 x 1000 x	6 6 6 6 6 6 6	тот.	AL DEM	IAND K IAND A	MPS	10.0 6.0 0.0 0.0 3.8 4.5 0.0 24.3 67.4	KVA KVA KVA KVA KVA KVA KVA KVA	5				
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A PHASE A PHASE B: PHASE C: NOTES: A EXISTING PANEL CONNECTED LOAD PHASE SUM PHASE C:	"NF" IS FE A/3P VIA 7	10.0 12.0 0.0 0.0 3.0 4.5 0.0 29.5 9.7 10.9 8.9 0 FROM 55KVA TR) x 1259 x 1259 x 50% x 1009 x 1259 x 1009 x 1059 x	6 6 6 6 6 6 6 6 6 6 80V, 5 80V, 5	тот. тот. 3ø, 4w (SEE АТ	AL DEM AL DEM EXISTIN	IAND K IAND A IG PAN	MPS EL "NMH	10.0 6.0 0.0 0.0 3.8 4.5 0.0 24.3 67.4	KVA KVA KVA KVA KVA KVA KVA KVA AMPS	ŝ				
RECEPTACLES, FIRST 10 KWA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS MOTORS MOTORS MAC WATER HEATING TOTAL CONNECTED LOAD PHASE A: PHASE B: PHASE B: PHASE C: MOTES: A EXISTING VIRING B. EXISTING VIRING	"NF" IS FE A/3P VIA 7 FED FROM	10.0 12.0 0.0 0.0 3.0 4.5 0.0 29.5 9.7 10.9 8.9 9.7 10.9 8.9 D FROM 5KVA TR BOTTOM) x 1259 x 1009 x 50% x 1009 x 1259 x 1269 x 1259 x 1269 x 1269 x 1259 x 1269 x 1259 x 125	6 6 6 6 6 6 6 6 6 6 6 6 6 6 8 0 7 8 0 7 8 0 7 8 0 7 8 0 7 8 0 7 8 0 7 8 0 7 8 10 7 8 10 7 8 10 7 8 10 7 8 10 10 10 10 10 10 10 10 10 10 10 10 10	тот. тот. 3ø, 4₩ (SEE AT 3Y:	AL DEM AL DEM EXISTIN	IAND K IAND A IG PAN	MPS EL "NMH	10.0 6.0 0.0 0.0 3.8 4.5 0.0 24.3 67.4	KVA KVA KVA KVA KVA KVA KVA KVA AMPS E IN MECH. EQUIP. ROOM 205, 215					
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A PHASE B: PHASE B: PHASE C: NOTES: A EXISTING PANEL SERVICE AND	"NF" IS FE A/3P VIA 7 FED FROM 0 TRANSFOF	10.0 12.0 0.0 0.0 0.0 3.0 4.5 0.0 29.5 9.7 10.9 8.9 9.7 10.9 8.9 D FROM 5KVA TR BOTTOM BOTTOM) x 1259 x 1259 x 1009 x 1259 x 12	6 6 6 6 6 6 6 6 6 6 6 6 6 6 8 0 7 8 0 7 8 0 7 8 0 7 8 0 7 8 0 7 8 0 7 8 0 7 8 10 7 8 10 7 8 10 7 8 10 7 8 10 10 10 10 10 10 10 10 10 10 10 10 10	тот. тот. 3ø, 4₩ (SEE AT 3Y:	AL DEM AL DEM EXISTIN	IAND K IAND A IG PAN	MPS EL "NMH	10.0 6.0 0.0 0.0 3.8 4.5 0.0 24.3 67.4	KVA KVA KVA KVA KVA KVA KVA KVA AMPS E IN MECH. EQUIP. ROOM 205, 215 Pre-Inspection	Field				
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			Pre	-Inspection Mezza	anine Walkthroug	h Check	dist			
Date:	11/04/2014	1	Station Name: Smith	isonian (South) - D02	Mezzanine #: 055	Complete	ed By: Tino Sahoo			
Check		Та	sk	Equ	ipment	Room ID	Notes			
V	the field/re		ower design matches y locations of the	Electrical Source Panel Name/Number: Source Breaker Name/Number: Electrical AFC Panel Name/Number:	SWBD SGB D02-SGB-09 SF	Rm 104 Rm 104 Rm 104	AC SWBD Rm 104 is Track 1 wayside.			
	AFC elect	rical power p	tch is connected to the anel. Low or High escorts requirements?	Disconnect Name/Number:	GH Voltage					
V	AFC Pane		red raceway between and identify additional -energized.	Do AFC Panel loads feed into a raceway e.g. trench or trough? I specify source panels in notes.			Panel SF share trough with Panel SWM-E and SWM.			
V	Identify the assumed pathway of duct / conduit, the location of the handholes, manholes and boxes and accessibility or special escort requirement?			PLNT COMM / IT RAIL CMNT Other Access/Support:	ELES		D02-SUB-04 Breaker on SWBD SUB will de-energize Panel SWM. Breaker #13 on Panel SWP-E will de-energize Panel SWM-E.			
	Identify handhole or manhole access requirement.			Required PLNT Mason for handhole/manhole access? Identified Conduit/Duct Transition to mezzanine level?	NO YES		Overhead conduits from AFC Panel to Mezzanine floor to Kiosk. Power Run from Kiosk to AFC Panel is approx. 150' via one handhole and trough.			
Emerg	ency Powe	er Verification	on	•		·	•			
Check		Та	sk	Equ	ipment	Room ID	Notes			
\checkmark			l panel is connected fer Switch (ATS).	ATS Name/Number:						
Ø	Verification of Kiosk Emergency Panel(s) (KE, KES, KESS, etc)			Source Panel Name/Number: Source Breaker Name/Number Panel Name/Number:	SWM-E Breaker #13, 15 Kiosk Emergency Panel	Rm 104 Rm 104 Kiosk	Panel KE located in Kiosk, Breaker #4 will de-energize emergency power to faregates.			
Notes	and Discre	epancies:				Ribsk				
Sign C	Off		GFP Represe	entative	WMATA PRGM					
Name	:	Tino Sahoo								
Signat	ture:	Tanmaya Dahoo								
Date:		11/04/2014								



Picture 1: D02 Smithsonian South – No handholes on Mezzanine



Picture 2: D02 Smithsonian South – Emergency Panel KE in Kiosk



Picture 3: D02 Smithsonian South – Emergency Panel KE in Kiosk



Picture 4: D02 Smithsonian South – Emergency Panel KE in Kiosk



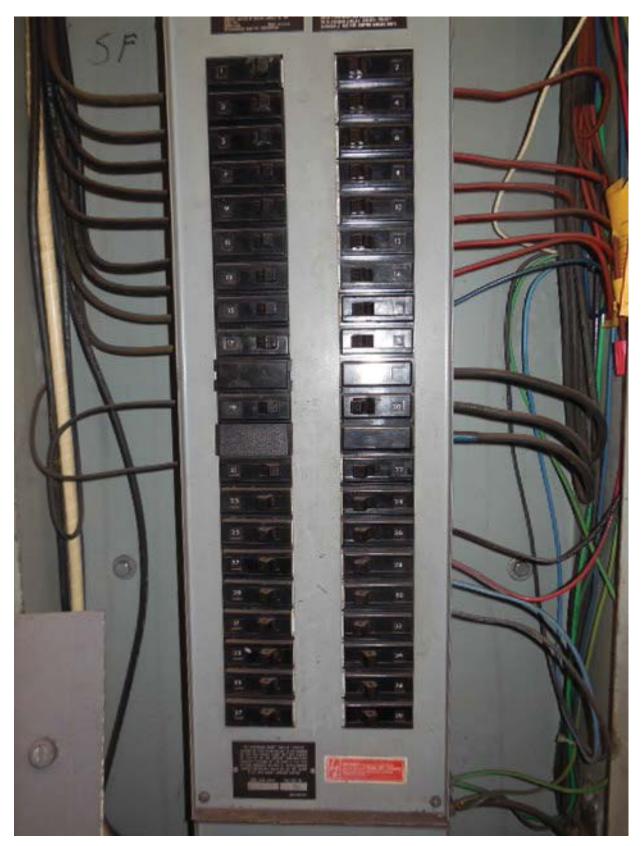
Picture 5: D02 Smithsonian South – Emergency Panel KN in Kiosk



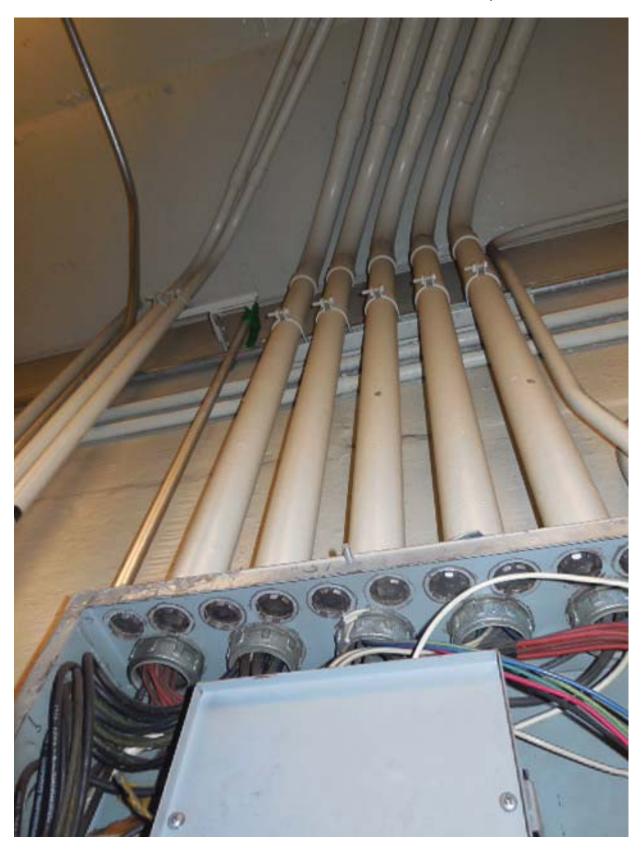
Picture 6: D02 Smithsonian South – AFC Panel SF in Room 104



Picture 7: D02 Smithsonian South – AFC Panel SF in Room 104



Picture 8: D02 Smithsonian South – AFC Panel SF in Room 104



Picture 9: D02 Smithsonian South – AFC Panel SF in Room 104 – Conduits above panel



Picture 10: D02 Smithsonian South – Breaker D02-SGB-09 for Panel SF in Room 104



Picture 11: D02 Smithsonian South – Breaker D02-SUB-04 for Panel SWM in Room 104



Picture 12: D02 Smithsonian South – Panel SWM-E in Room 104



Picture 13: D02 Smithsonian South – Panel SWM-E in Room 104



Picture 14: D02 Smithsonian South – Panel SWM in Room 104

Slights Phone Map Light phone I Map Light on Phid Side L Mezz

Picture 15: D02 Smithsonian South – Panel SWM in Room 104 – Panel schedule

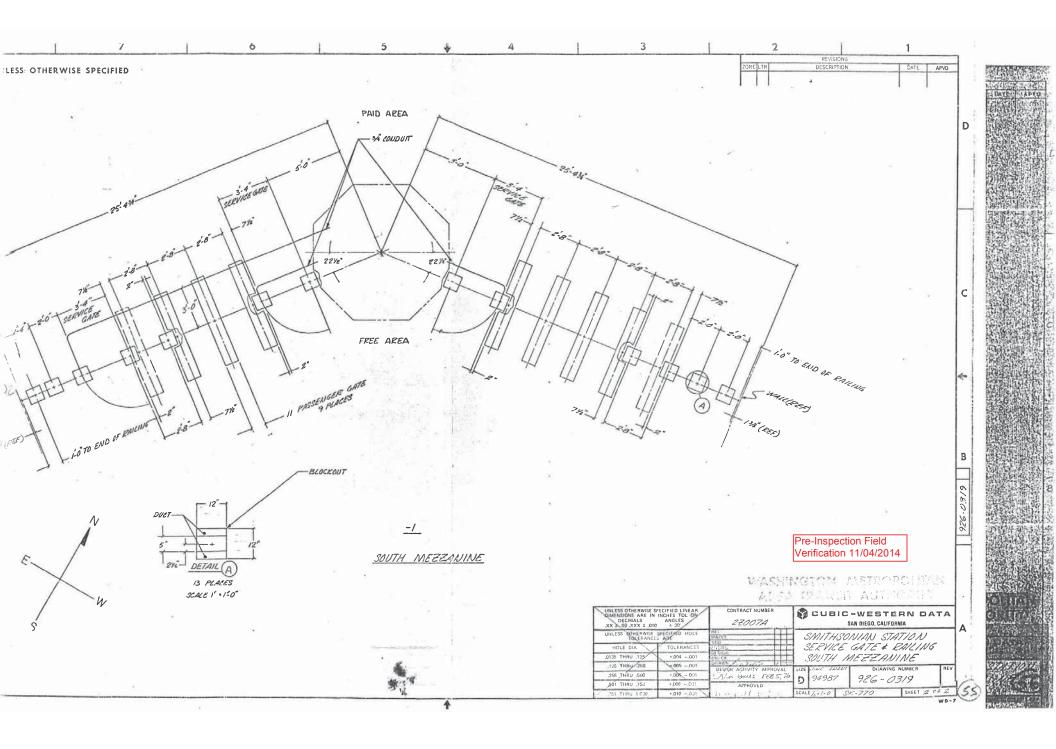


Picture 16: D02 Smithsonian South – Panel SWP-E in Room 104

VV. De bound its. South Emer Roar I.te. rain South South 8 Emer ts. aam SW2. Emer Sta Inn Trin en. Transf Eamp Spare W12 ts ns 14 Subfeed To "SEP-E" To rans 16 re Wal 18 E.A. 20 22 24 26 -28.

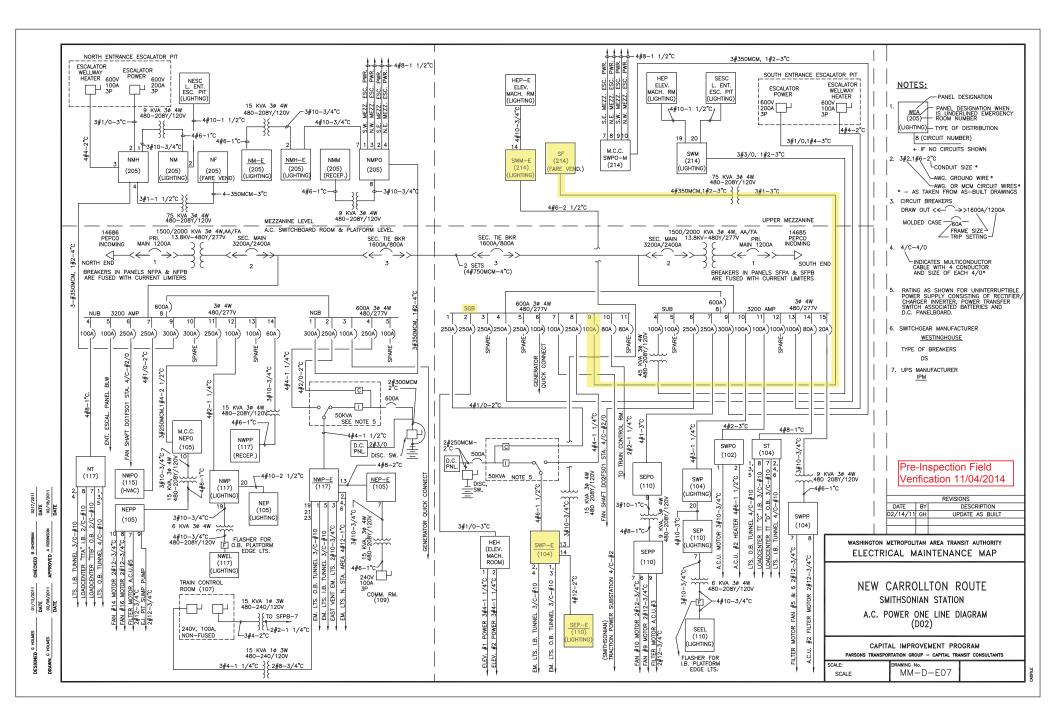
Picture 17: D02 Smithsonian South – Panel SWP-E in Room 104 – Panel schedule

				REVISIONS	
0725				DESCRIPTION	DATE APVO
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	\$\$.	DDTC 26427	Web, D. Por	c/ 8-5-76 926-1	384 55 SHEET 2052

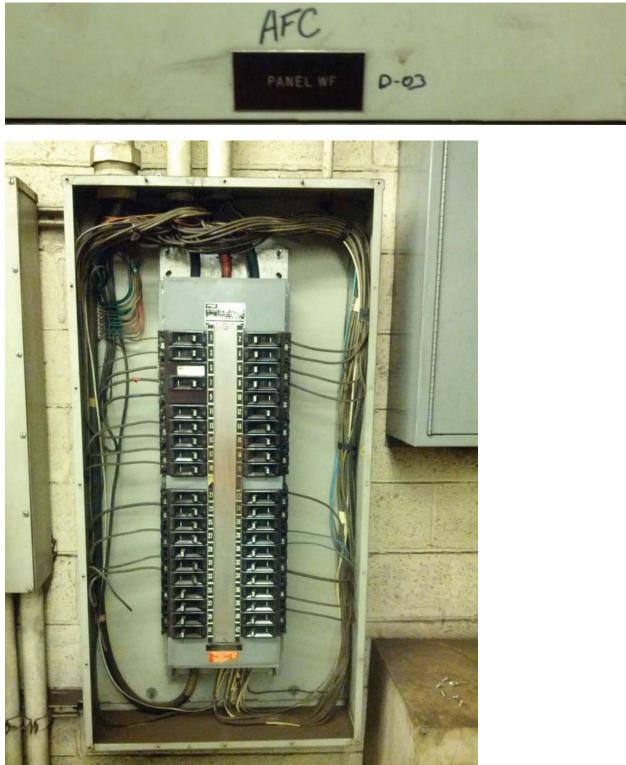


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NOTES: 1. CONNECT NEW FEEDER TO EXISTING SPARE 20A, 1P CB 2. CB TO BE RESERVED FOR FUTURE AFC LIGHTS LOAD SUMMARY LIGHTS 0.0 x 125% 0.0 KVA RECEPTACLES, FIRST 10 KVA 100 x 100% 10.0 KVA RECEPTACLES 88 x 50% 4.4 KVA MISC. APPLIANCES 0.0 x 125% 0.0 KVA MISC. APPLIANCES 0.0 x 125% 0.0 KVA MOTORS 0.0 x 125% 0.0 KVA HEAT 3.0 x 125% 0.0 KVA MOTORS 0.0 x 125% 0.0 KVA VARE HEAT ING 0.0 x 125% 0.0 KVA VARE HEAT ING 0.0 x 125% 0.0 KVA VOTES 0.0 x 125% 0.0 KVA VARE HEAT ING 0.0 x 125% 0.0 KVA TOTAL CONNECTED LOAD 26.3 KVA TOTAL DEMAND KVA 22.7 KVA TOTAL CONNECTED LOAD 26.3 KVA TOTAL DEMAND AMPS 62.9 AMPS CONNECTED LOAD 9.3 KVA PHASE A 9.3 KVA PHASE A 9.3 KVA 9.4 KVA 10.4 KVA		-												
LARGEST MOTOR 0.0 kVA MOTORS 0.0 kVA MOTORS 0.0 kVA HEAT 3.0 k125% 0.0 KVA 4.5 kVA AC 4.5 kVA WATER HEATING 0.0 kVA WATER HEATING 0.0 kVA TOTAL CONNECTED LOAD 26.3 KVA TOTAL CONNECTED LOAD 26.3 KVA PHASE A: 9.3 KVA PHASE B: 8.9 KVA PHASE C: 8.1 KVA NOTES: A. EXISTING PANEL "Sr" IS FED FROM 277/480V, 36, 4W EXISTING SWED "ACCESSOUTH" LOCATE IN AC SWED RM 104, NOTES: A. EXISTING VIRING FED FROM 277/480V, 36, 4W EXISTING SWED "ACCESSOUTH" LOCATE IN AC SWED RM 104, B. EXISTING WIRING FED FROM TOP OF PANEL BY: * 5 - 1 1/2" C (.5 - WIRING FILL >20%).				2. CB T		ERVED	FOR F	UTURE	AFC		, IF 66			
MOTORS 0.0 x100% 0.0 KVA HEAT 3.0 x125% 3.8 KVA AC 45 x100% 4.5 x100% WATER HEATING 0.0 x125% 0.0 KVA TOTAL CONNECTED LOAD 26.3 KVA TOTAL DEMAND KVA TOTAL CONNECTED LOAD 26.3 KVA TOTAL DEMAND KVA PHASE A 9.3 KVA PHASE B: 6.9 KVA PHASE B: 6.9 KVA 9.4 KVA PHASE C: 8.1 KVA 100% NOTES: A. EXISTING PANEL "SF" IS FED FROM 277/480V, 3e, 4W EXISTING SWED "Accessed Counth" LOCATE IN AC SWED RM 104, GROWT #3-1000/30P VA 75KVA TRANSFORMER (SEE ATTACHED DWG. MM-D-E07). B. EXISTING WIRING FED FROM TOP OF PANEL BY: * 5-51 1/2 C (.5 -WIRING FILL >20%).		RECEPT	,	2. CB T	0.0	ERVED	FOR F	UTURE	AFC		, IF CD	10.0 KV	A	
MOTORS 0.0 x 100% 0.0 KVA HEAT 3.0 x 125% 3.8 KVA AC 4.5 x 100% 4.5 KVA WATER HEATING 0.0 x 125% 0.0 KVA TOTAL CONNECTED LOAD 26.3 KVA TOTAL DEMAND KVA TOTAL CONNECTED LOAD 26.3 KVA TOTAL DEMAND KVA PHASE A: 9.3 KVA PHASE B: 8.9 KVA PHASE D: 8.1 KVA NOTES: A. EXISTING PANEL "SF" IS FED FROM 277/480V, 34, 4W EXISTING SWED "Ac69 ^{SCE0} UTH" LOCATE IN AC SWED RM 104, EXISTING WIRIO FED FROM 100 F PANEL BY: * 0.11 //2 C:		RECEPT/ RECEPT/	ACLES	2. CB T	0.0	LC 1 x 125% 1 x 100% 1 x 50%	FOR F	UTURE	AFC		, IF OD	10.0 KV 4.4 KV	A	
AC 4.5 x 100% 4.5 KVA WATER HEATING 0.0 x 125% 0.0 KVA TOTAL CONNECTED LOAD 28.3 KVA TOTAL DEMAND KVA 22.7 KVA TOTAL CONNECTED LOAD 28.3 KVA TOTAL DEMAND KVA 22.7 KVA CONNECTED LOAD PHASE SUMMARY TOTAL DEMAND AMPS 62.9 AMPS PHASE A 9.3 KVA PHASE B: 8.9 KVA PHASE C: 8.1 KVA NOTES: A. EXISTING PANEL "SF" IS FED FROM 277/480V, 3¢, 4W EXISTING SWED "#602" S0UTH* LOCATE IN AC SWED RM 104, CIRCULT #3-100A/3P VA 75KVA TRANSFORMER (SEE ATTACHED DWG. MM-D-E07). B. EXISTING FILD FOR TO FOR FOLD FOR PANEL BY: * 5-1 1/2* C. (RECEPT/ RECEPT/ MISC. API	ACLES PLIANCES	2. CB T	0.0 10.0 8.8 0.0	LC x 125% x 100% x 50% x 100%	FOR F	UTURE	AFC		, 17 08	10.0 KV 4.4 KV 0.0 KV	A A A	
AC 4.5 x 100% 4.5 KVA WATER HEATING 0.0 x 125% 0.0 KVA TOTAL CONNECTED LOAD 28.3 KVA TOTAL DEMAND KVA 22.7 KVA TOTAL CONNECTED LOAD 28.3 KVA TOTAL DEMAND KVA 22.7 KVA CONNECTED LOAD PHASE SUMMARY TOTAL DEMAND AMPS 62.9 AMPS PHASE A 9.3 KVA PHASE B: 8.9 KVA PHASE C: 8.1 KVA NOTES: A. EXISTING PANEL "SF" IS FED FROM 277/480V, 3¢, 4W EXISTING SWED "#602" S0UTH* LOCATE IN AC SWED RM 104, CIRCULT #3-100A/3P VA 75KVA TRANSFORMER (SEE ATTACHED DWG. MM-D-E07). B. EXISTING FILD FOR TO FOR FOLD FOR PANEL BY: * 5-1 1/2* C. (RECEPT/ RECEPT/ MISC. API LARGEST	ACLES PLIANCES MOTOR	2. CB T	0.0 10.0 8.8 0.0 0.0	LC x 125% x 100% x 100% x 100% x 100% x 125%	FOR F	UTURE	AFC		, 17 08	10.0 KV 4.4 KV 0.0 KV 0.0 KV	A A A	
WATER HEATING 0.0 x125% 0.0 KVA TOTAL CONNECTED LOAD 263 KVA TOTAL DEMAND KVA 22.7 KVA TOTAL DEMAND AMPS 62.9 AMPS CONNECTED LOAD PHASE SUMMARY TOTAL DEMAND AMPS 62.9 AMPS PHASE A: 9.3 KVA PHASE B: 8.9 KVA PHASE C: 8.1 KVA NOTES: A. EXISTING PANEL "SF" IS FED FROM 277/480V, 3e, 4W EXISTING SWBD "Ac00 ² CB0UTH" LOCATE IN AC SWBD RM 104, B. EXISTING WIRING FED FROM 100 F PANEL BY: * 5-51 L/2 C L, G-WIRING FILL >20%).		RECEPT/ RECEPT/ MISC. API LARGEST MOTORS	ACLES PLIANCES MOTOR	2. CB T	0.0 10.0 8.8 0.0 0.0 0.0	LC x 125% x 100% x 50% x 100% x 100% x 125% x 100%	FOR F	UTURE	AFC		, 17 08	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV	A A A A	
TOTAL CONNECTED LOAD 26.3 KVA TOTAL DEMAND KVA 22.7 KVA TOTAL DEMAND AMPS 62.9 AMPS CONNECTED LOAD PHASE SUMMARY PHASE A 9.3 KVA PHASE B: 8.9 KVA PHASE C: 8.1 KVA NOTES: A. EXISTING PANEL "SF" IS FED FROM 277/480V, 3¢, 4W EXISTING SWED "ACC#C"SOUTH" LOCATE IN AC SWED RM 104, SIRGUEL #3-1004/3P VA 75KVA TRANSFORMER (SEE ATTACHED DWG. MM-D-E07). B. EXISTING WIRING FED FROM TOP OF PANEL BY: * 5 - 11 1/2" C (. 3-WRING FIL FORM X) & (2-WIRING FILL >20%).		RECEPT/ RECEPT/ MISC. API LARGEST MOTORS HEAT	ACLES PLIANCES MOTOR	2. CB T	0.0 10.0 8.8 0.0 0.0 0.0 3.0	LC x 125% x 100% x 50% x 100% x 125% x 100% x 1	FOR F	UTURE	AFC		, 17 08	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV 3.8 KV	A A A A A A	
TOTAL DEMAND AMPS 62.9 AMPS CONNECTED LOAD PHASE SUMMARY PHASE A: 9.3 KVA PHASE B: 8.9 KVA PHASE C: 8.1 KVA MOTES: A. EXISTING PANEL "SF" IS FED FROM 277/480V, 3¢, 4W EXISTING SWBD "Ac602" SOUTH" LOCATE IN AC SWBD RM 104, SWBD TRANSFORMER (SEE ATTACHED DWG. MM-D-E07). B. EXISTING WIRING FED FROM TOO F PANEL BY: * 5-1 1/2" C. (3-WIRING FILL >20%).		RECEPT/ RECEPT/ MISC. API LARGEST MOTORS HEAT AC	ACLES PLIANCES MOTOR	2. CB T	0.0 10.0 8.8 0.0 0.0 0.0 3.0 4.5	LC x 125% x 100% x 50% x 100% x 125% x 100% x 125% x 100% x 1	FOR F	UTURE	AFC		, 17 08	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV 3.8 KV 4.5 KV	A A A A A A A	
CONNECTED LOAD PHASE SUMMARY PHASE A: 9.3 KVA PHASE B: 8.9 KVA PHASE C: 8.1 KVA NOTES: A. EXISTING PANEL "SF" IS FED FROM 277/480V, 3¢, 4W EXISTING SWBD "Ac002">SUBD "MODE SC SUBD FROM 277/480V, 3¢, 4W EXISTING SWBD "Ac002">SUBD FMAC02">SUBD FMAC02" SUBTING FILD FOOD FOOD FOF PANEL BY: * 5-1 1/2" C. (3-WIRING FILL >00%) & (2-WIRING FILL >20%).		RECEPT/ RECEPT/ MISC. API LARGEST MOTORS HEAT AC WATER H	ACLES PLIANCES MOTOR B	2. CB T	0.0 10.0 8.8 0.0 0.0 0.0 3.0 4.5 0.0	LC x 125% x 100% x 50% x 100% x 125% x 100% x 125% x 100% x 1	FOR F	SUN	AFC	RY	-	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV 3.8 KV 4.5 KV 0.0 KV	A A A A A A A A	
PHASE A: 9.3 KVA PHASE B: 8.9 KVA PHASE C: 8.1 KVA NOTES: A. EXISTING PANEL "SF" IS FED FROM 277/480V, 3¢, 4W EXISTING SWED "ACCOPERATIVE LOCATE IN AC SWED RM 104, EXECUTE 43-1004/3P VA 75KVA TRANSFORMER (SEE ATTACHED DWG. MM-D-E07). B. EXISTING WIRING FED FROM TOP OF PANEL BY: * 5 -1 1/2* C (.3 -WIRING FILL >00%) & (C-WIRING FILL >20%).		RECEPT/ RECEPT/ MISC. API LARGEST MOTORS HEAT AC WATER H	ACLES PLIANCES MOTOR B	2. CB T	0.0 10.0 8.8 0.0 0.0 0.0 3.0 4.5 0.0	LC x 125% x 100% x 50% x 100% x 125% x 100% x 125% x 100% x 1	FOR F	SUN SUN	AFC	RY	VA	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV 3.8 KV 4.5 KV 0.0 KV 22.7 KV	А А А А А А А А А А А	
PHASE B: 8.9 KVA PHASE C: 8.1 KVA NOTES: A. EXISTING PANEL "SF" IS FED FROM 277/480V, 3#, 4W EXISTING SWBD "Accord South" LOCATE IN AC SWBD RM 104, ORIGINAL TWA TRANSFORMER (SEE ATTACHED DWG. MM-D-E07). B. EXISTING WINING FED FROM TOP OF PANEL BY: * 5-1 1/2' C. (3-WIRING FILL >40%) & (2-WIRING FILL >20%).		RECEPT/ RECEPT/ MISC. API LARGEST MOTORS HEAT AC WATER H TOTAL C	ACLES PLIANCES MOTOR EATING ONNECTED LOAD		0.0 10.0 8.8 0.0 0.0 0.0 3.0 4.5 0.0	LC x 125% x 100% x 50% x 100% x 125% x 100% x 125% x 100% x 1	FOR F	SUN SUN	AFC	RY	VA	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV 3.8 KV 4.5 KV 0.0 KV 22.7 KV	А А А А А А А А А А А	
PHASE C: 8.1 KVA NOTES: A. EXISTINC PANEL "SF" IS FED FROM 277/480V, 3¢, 4W EXISTINC SWBD "Accode"South" LOCATE IN AC SWBD RM 104, GIRGUIT-#3-100A/3P VIA 75KVA TRANSFORMER (SEE ATTACHED DWG. MM-D-E07). B. EXISTING WIRING FED FROM TOP OF PANEL BY: * 5-1 1/2" C. (3-WIRING FILL >40%) & (2-WIRING FILL >20%).		RECEPT/ RECEPT/ MISC.API LARGEST MOTORS HEAT AC WATER H TOTAL C	ACLES PLIANCES MOTOR EATING ONNECTED LOAD		0.0 10.0 8.8 0.0 0.0 0.0 3.0 4.5 0.0 26.3	LC x 125% x 100% x 50% x 100% x 125% x 100% x 10% x	FOR F	SUN SUN	AFC	RY	VA	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV 3.8 KV 4.5 KV 0.0 KV 22.7 KV	А А А А А А А А А А А	
NOTES: A. EXISTING PANEL "SF" IS FED FROM 277/480V, 39, 4W EXISTING SWBD "ADD ² CBOUTH" LOCATE IN AC SWBD RM 104, GROWTH 43-1004/3P VIA 75KVA TRANSFORMER (SEE ATTACHED DWG. MM-D-E07). B. EXISTING WIRING FED FROM TOP OF PANEL BY: * 5-1 1/2" C. (3-WIRING FILL >00%) & (2-WIRING FILL >20%).		RECEPT/ RECEPT/ MISC.API LARGEST MOTORS HEAT AC WATER H TOTAL C CONNEC PHASE A:	ICLES PLINICES MOTOR EATING ONNECTED LOAD TED LOAD PHASE SUMM		0.0 10.0 8.8 0.0 0.0 0.0 3.0 4.5 0.0 26.3 9.3	ERVED x 125% x 100% x 100% x 100% x 125% x 100% x 100%	FOR F	SUN SUN	AFC	RY	VA	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV 3.8 KV 4.5 KV 0.0 KV 22.7 KV	А А А А А А А А А А А	
		RECEPT/ RECEPT/ MISC. API LARGEST MOTORS HEAT AC	ACLES PLIANCES MOTOR	2. CB T	0.0 10.0 8.8 0.0 0.0 0.0 3.0 4.5	LC x 125% x 100% x 50% x 100% x 125% x 100% x 125% x 100% x 1	FOR F	UTURE	AFC		, IF OB	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV 3.8 KV 4.5 KV	A A A A A A A	
		RECEPT/ RECEPT/ MISC.API LARGEST MOTORS HEAT AC WATER H TOTAL C PHASE A: PHASE B: PHASE C: NOTES:	ALES VLINCES MOTOR MOTOR MOTOR MALENTING A. EXISTING PANEL "C MIRGUIT #3-100A/ B. EXISTING WIRING F * 5-111/2 ² C	ARY 3P VIA ED FROM FROMSEC 5 FROM	0.0 8.8 0.0 0.0 0.0 26.3 9.3 8.9 8.1 10 FROM 75KvA TI TOP OF 75KvA TI TOP OF 75KvA TI TOP OF 75KvA TI ROFT II 1000 100	ERVED LCC x 125% x 100% x 50% x 100% x 125% x 100% x 1	FOR F DAD 	UTURE SUN TOT. TOT. 30, 4W (SEE A 2-WIRIN BY: 405().	AFC MMAI AL DEM AL DEM EXISTIN TTACHEI	RY IAND K IAND A NG SW D DWG	VA MPS 5. MM-D .).	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV 3.8 KV 4.5 KV 62.9 AM 2.5 KV 62.9 AM	A A A A A A A A A A IPS	
10-14 REFERENCE DRAWINGS REVISIONS WASHINGTO)	RECEPT/ RECEPT/ MISC.API LARGEST MOTORS HEAT AC WATER H TOTAL C CONNEC PHASE A: PHASE B: PHASE C:	ALES LINCES MOTOR ALEATING ONNECTED LOAD TED LOAD PHASE SUMM A. EXISTING PANEL "S GROUT #3-100A B. EXISTING WIRING F * 1-3" C. TO EXISTING WIRING F * 2-1/2" C. (ARY 3P VIA 2D FROM ED FROM ED FROM WIRING F	0.0.0 10.0 8.8 0.0 0.0 0.0 0.0 26.3 9.3 8.9 9.3 8.9 10 5.0 FROM PSKVA TH TOP OF SNTON PSKVA TH TOP OF SNTON FING FILL BOTTON SNTON FILL SAO	ERVED LCC x 125% x 100% x 50% x 100% x 125% x 100% x 1	FOR F DAD 	UTURE SUN TOT. TOT. 30, 4W (SEE A 2-WIRIN BY: 405().	AFC MMAI AL DEM AL DEM EXISTIN TTACHEI	RY IAND K IAND A D DWG >20%	VA MPS 5. MM-D).	10.0 KV 4.4 KV 0.0 KV 0.0 KV 3.8 KV 4.5 KV 0.0 KV 22.7 KV 62.9 AM 225007H ² -E07).	A A A A A A A A A A A A A A A A Spection Field	WASHINGTO
10-14 NUMBER DESCRIPTION DATE BY DESCRIPTION VASHING C) 	RECEPT, RECEPT, MISC.APJ LARGEST MOTORS HEAT AC WATER H TOTAL C CONEC PHASE A PHASE B: PHASE B: PHASE B: DASE A PHASE A PHASE B: DASE A PHASE B: DASE A PHASE B: DASE A PHASE B: DASE A PHASE	ALES LINCES MOTOR A EXISTING PANEL "S CONNECTED LOAD TED LOAD PHASE SUMM A EXISTING WIRING F * 5-1 1/2° C * 5-1 1/2° C * 5-1 2° C. TO EXISTING WIRING F * 2-1/2° C. (ARY SF" IS FT SD FROM ED FROM ED FROM ED FROM WIRING F	0.0 100 0.0 0.0 0.0 0.0 0.0 0.0	ERVED LCC x 125% x 100% x 50% x 100% x 125% x 100% x 1	FOR F DAD	UTURE SUN TOT. TOT. TOT. 30, 4W (SEE A 2-WIRIN BY: 40%). EL BY:	AFC MMAI AL DEM EXISTIN TTACHEI G FILL	RY IAND K IAND A D DWG >20%	VA MPS BD =Aeee MM-D 	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV 4.5 KV 4.5 KV 62.9 AM 22500001 25000001 25000001 25000001 25000001 25000001 25000001 20000001 20000000000	A A A A A A A A A A A A A A A A Spection Field	WASHINGTO
10-14 NUMBER DESCRIPTION DATE BY DESCRIPTION VASHING TO) 	RECEPT, RECEPT, MISC.APP, MISC.APP, MOTORS HEAT TOTAL C CONNECC PHASE A: PHASE A: PHAS	ALES LINCES MOTOR A EXISTING PANEL "S CONNECTED LOAD TED LOAD PHASE SUMM A EXISTING WIRING F * 5-1 1/2° C * 5-1 1/2° C * 5-1 2° C. TO EXISTING WIRING F * 2-1/2° C. (ARY SF" IS FT SD FROM ED FROM ED FROM ED FROM WIRING F	0.0 100 0.0 0.0 0.0 0.0 0.0 0.0	ERVED LCC x 125% x 100% x 50% x 100% x 125% x 100% x 1	FOR F DAD	UTURE SUN TOT. TOT. TOT. 30, 4W (SEE A 2-WIRIN BY: 40%). EL BY:	AFC MMAI AL DEM EXISTIN TTACHEI G FILL	RY IAND K IAND A D DWG >20%	VA MPS BD =Aeee MM-D 	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV 4.5 KV 4.5 KV 62.9 AM 22500001 25000001 25000001 25000001 25000001 25000001 25000001 20000001 20000000000	A A A A A A A A A A A A A A A A Spection Field	
IO-16 DATE NUMBER DESCRIPTION DATE BV DESCRIPTION IO-14 Date Description Description Date Date Description Description		RECEPT/ RECEPT/ MISC.APP MISC.APP MOTORS MOTORS MOTORS AC WATER H TOTAL C CONNEC PHASE A: PHASE A: PHA	ALES LINCES MOTOR A EXISTING PANEL "S CONNECTED LOAD TED LOAD PHASE SUMM A EXISTING WIRING F * 5-1 1/2° C * 5-1 1/2° C * 5-1 2° C. TO EXISTING WIRING F * 2-1/2° C. (ARY SF" IS FT SD FROM ED FROM ED FROM ED FROM WIRING F	0.0 100 0.0 0.0 0.0 0.0 0.0 0.0	ERVED LCC x 125% x 100% x 50% x 100% x 125% x 100% x 1	FOR F DAD	UTURE SUN TOT. TOT. TOT. 30, 4W (SEE A 2-WIRIN BY: 40%). EL BY:	AFC MMAI AL DEM EXISTIN TTACHEI G FILL	RY IAND K IAND A D DWG >20%	VA MPS BD =Aeee MM-D 	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV 4.5 KV 4.5 KV 62.9 AM 22500001 25000001 25000001 25000001 25000001 25000001 25000001 20000001 20000000000	A A A A A A A A A A A A A A A A Spection Field	DEPARTMENT OF TH AND ENGINE
IO-16 DATE NUMBER DESCRIPTION DATE BV DESCRIPTION IO-14 Date Description Description Date Date Description Description		RECEPT/ RECEPT/ MISC.APP MISC.APP MOTORS MOTORS WATER H TOTAL C CONNEC CONNEC CONNEC PHASE A: PHASE A:	ALES LINCES MOTOR A EXISTING PANEL "S CONNECTED LOAD TED LOAD PHASE SUMM A EXISTING WIRING F * 5-1 1/2° C * 5-1 1/2° C * 5-1 2° C. TO EXISTING WIRING F * 2-1/2° C. (ARY SF" IS FT SD FROM ED FROM ED FROM ED FROM WIRING F	0.0 100 0.0 0.0 0.0 0.0 0.0 0.0	ERVED LCC x 125% x 100% x 50% x 100% x 125% x 100% x 1	FOR F DAD	UTURE SUN TOT. TOT. TOT. 30, 4W (SEE A 2-WIRIN BY: 40%). EL BY:	AFC MMAI AL DEM EXISTIN TTACHEI G FILL	RY IAND K IAND A D DWG >20%	VA MPS BD =Aeee MM-D 	10.0 KV 4.4 KV 0.0 KV 0.0 KV 0.0 KV 4.5 KV 4.5 KV 62.9 AM 22500001 25000001 25000001 25000001 25000001 25000001 25000001 20000001 20000000000	A A A A A A A A A A A A A A A A Spection Field	DEPARTMENT OF TH

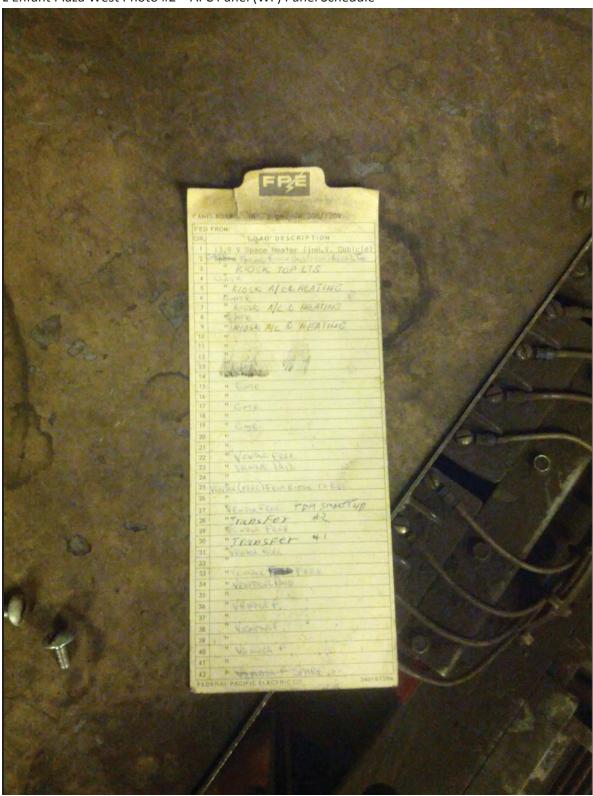
			XIS		<u> 3 PA</u>			-		
AMPERES: 400	VOLTS:					SURFA				
MAINS: 400A MLO	PHASE:			LOCA			ANICAL	. EQUIP. I	ROOM 20	5
RATING: 10K AIC	WIRE:	4	1/2.0	SECT	ION:	1 OF 1		01/00		
		CKT B	-	CKT.		CKT.		BKRS		
LOAD DESCRIPTION	KVA	AMP	POLE	NO.		NO.	POLE	AMP	KVA	LOAD DESCRIPTION
EXIST ING VENDOR	0.8	20	1	1	Α	2	1	20	0.8	EXISTING VENDOR
EXIST ING VENDOR	0.8	20	1	3	- B -	4	1	20	0.8	EXISTING VENDOR
EXIST ING VENDOR EXIST ING VENDOR	0.8	20 20	1	5	C	6 8	1	20 20	0.8	EXISTING VENDOR
EXIST ING VENDOR	0.8	20	1	9	А - В-	0 10	1	20	0.8	EXISTING VENDOR EXISTING VENDOR
EXISTING VENDOR	0.8	20	1	9 11	- в - С	10	1	20	0.8	EXISTING VENDOR EXISTING VENDOR
EXIST ING VENDOR	0.8	20	1	13	A	12	1	20	0.8	EXISTING VENDOR
EXISTING VENDOR	0.8	20	1	15	- B -	14	1	20	0.8	EXISTING VENDOR
EXIST ING VENDOR	0.8	20	1	17	C	18	1	20	0.8	EXISTING VENDOR
EXIST ING VENDOR	0.8	20	1	19	A	20	1	20	0.8	EXISTING VENDOR
EXIST ING VENDOR	0.8	20	1	21	- B -	22	1	20	0.8	NEW KIOSK RECEPT. (IT & NEPP) 1
EXIST ING VENDOR	0.8	20	1	23	C	24	1	20	0.0	SPARE (KIOSK) 1&2
SPARE	0.0	20	1	25	A	26	1	20	0.8	EXISTING VENDOR
EXIST. LOAD CENTER "KES"	2.9	40	3	27	- B -	28	1	20	0.8	EXISTING VENDOR
	2.5			29	C	30	-		0.0	SPACE
	2.5	-	-	31	A	32	-		0.0	SPACE
SPACE	0.0	-	-	33	- B -	34	1	20	0.8	EXISTING VENDOR
SPARE	0.0	20	1	35	C	36	1	20	0.8	EXIST ING VENDOR
SPARE	0.0	20	1	37	Α	38	-	-	0.0	SPACE
SPACE	0.0	-	-	39	- B -	40	-	-	0.0	SPACE
SPACE	0.0	-	-	41	C	42	-	-	0.0	SPACE
ICHTC		0.0	_		001				0.0	10/4
			10		SUN	4 N A A	DΛ			
LIGHTS		0.0	x 1259						0.0	KVA
RECEPTACLES, FIRST 10 KVA		10.0	x 1009	ó					10.0	KVA
RECEPTACLES			x 50%						6.0	KVA
MISC. APPLIANCES		0.0	x 1009	ó					0.0	KVA
LARGEST MOTOR		0.0	x 1259	r D					0.0	KVA
MOTORS		0.0	x 1009	ó					0.0	KVA
HEAT		3.0	x 1259	r D					3.8	KVA
AC		4.5	x 1009	ó					4.5	K//A
WAT ER HEAT ING				c .						
		0.0	x 1259	0					0.0	
			x 125%	D	тот	AL DEN	IAND K	VA	0.0 24.3	KVA
TOTAL CONNECTED LOAD				D			IAND K IAND A		24.3	KVA
TOTAL CONNECTED LOAD	MARY	29.5	KVA	D					24.3	KVA KVA
TOTAL CONNECTED LOAD Connected Load Phase Sumi Phase A:	MARY	29.5 9.7	KVA KVA	0					24.3	KVA KVA
TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUMI PHASE A: PHASE B:	MARY	29.5 9.7 10.9	KVA	0					24.3	KVA KVA
TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUM PHASE A: PHASE B: PHASE C:	"NF" IS FEI /3P VIA 7 FED FROM I TRANSFOF (WIRING FI	9.7 10.9 8.9 D FROM 'SKVA TR BOTTOM RMER (WI	KVA KVA KVA 277/4 ANSFOI OF P/ RING I	80V, 3 RMER WEL E	TOT. 30, 4W (SEE AT 3Y: 40%).	AL DEN	IAND A	MPS EL "NMH	24.3 67.4	KVA KVA
TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUM PHASE A: PHASE B: PHASE C: VOTES: A. EXISTING PANEL ' CIRCUIT #4-125A B. EXISTING WRING I - 1-3' C. TO - 2-3/4' C. - 1-6 1/2'x ETROPOLITAN ARI FRASTRUCTURE ERVICES	"NF" IS FEI //3P VIA 7 FED FROM TRANSFOR (WIRING FI 1 1/2" FI	29.5 9.7 10.9 8.9 D FROM 'SKVA TR BOTTOM RMER (WI ILL >40% LOOR DU	KVA KVA KVA 277/4 ANSFOI OF P/ RING I)) CT (W	80V, 3 RMER NNEL E RING I JTH	TOT. 30, 4W (SEE AT 3Y: 40%). FILL >4	EXISTIN TACHED 0%).	IG PAN D DWG.	MPS El "NMH MM-D-	24.3 67.4 * LOCATE E07). ELE(IN	KVA KVA AMPS : IN MECH. EQUIP. ROOM 205,
TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUM PHASE A PHASE B: PHASE B: PHASE C: A. EXISTING PANEL CIRCUIT #4-125A D. EXISTING WIRING B. EXISTING WIRING 1-3° C. 10 -1-3° C. 10	"NF" IS FEI //3P VIA 7 FED FROM TRANSFOR (WIRING FI 1 1/2" FI	29.5 9.7 10.9 8.9 D FROM 'SKVA TR BOTTOM RMER (WI ILL >40% LOOR DU	KVA KVA KVA 2777/4 2777/4 ANNSFOI OF P/ RING I N: CT (W	80V, 3 RMER NNEL E RING I JTH	TOT. 30, 4W (SEE AT 37: 40%). FILL >4 ORIT	EXISTIN TACHED 0%).	IG PAN D DWG.	MPS EL "NMH MM-D-	24.3 67.4 * LOCATE E07). ELEC IN SI	KVA KVA AMPS IN MECH. EQUIP. ROOM 205, CONTRACT NO. 14-FQ10060-CEN 14-FQ10060-CEN 14-FQ10060-CEN 14-FQ10060-CEN 14-FQ10060-CEN 14-FQ10060-CEN 14-FQ10060-CEN 14-FQ10060-CEN 14-FQ10060-CEN



				Pre-Inspection	on Mezz	anin	e Wa	alktr	nrough	Ch	ecklist			
Date: (08/28/2014	4	Station Name: L	'Enfant Plaza West	Mezzanine	# 056					Completed By: Tino Sahoo			
Check		Та	sk		Equipmen	t			Roc		Notes			
	Verify ele matches Identify lo electrical	the field/	of the	Electrical Source Panel Na Source Breaker Name/Nu Electrical AFC Panel Nam	mber:	WB (AF WE (WI "Panel ' Circuit #	EZ Sour WF", Cii	rce Pane rcuit #7	el) W104	ļ	Room W104 is AC SWBD. RM. Located Wayside on Track 1 on Platform level.			
\checkmark	power par	d to the A nel? Low	ect switch AFC electrical or High voltage orts required?	Disconnect Name/Numbe SMNT/POWR escorts:	^{r:} N/A HIGH and	LOW V	oltage							
\checkmark	and Kiosk	between and ider	shared AFC Panel ntify additional e-energize	Do AFC Panel loads feed i raceway e.g. trench or trou specify source panels in no	ugh? If Yes,	YES (see not	es)			AFC Panel (WF) shares a junction box (shared raceway) with Panel WEZ whose source panel is Panel WE. Panel WEZ will have to be de-energized by LOTO Circuit #6, 3PH Breaker on Panel WE.			
	duct, the l manholes	location c and box	ed pathway of the of the handholes, kes and ecial escort	PLNT 🗹 COMM RAIL 🗆 CMNT Other Access/Support:	M / IT 🔲 - 🗌	ELES	S 🗌							
	Identify ha		r manhole access	Required PLNT Support f handhole/manhole access Identified Conduit/Duct Transition to mezzanine le	s? YES	6 (see no	otes)				Conduits/Ducts on Two Levels (Platform level Overhead Conduit that transitions to Mezzanine Level handholes.			
Emerg	ency Pow	er Verifio	cation											
Check			1	Task		YES	NO	NA			Comments			
V	electrical	verification of the electrical plan to the existing schematic if the AFC lectrical panel is connected to a Automatic Transfer Switch (ATS) / mergency power source												
Notes	and Discr	epancies	3:											
Sign O	Off		GFP	Representative							WMATA PRGM			
Name:		Tino Sa	ihoo											
Signat	ure:	Jan	mena De	theo										
Date:		09/23/2	014											



L'Enfant Plaza West Photo #1 – AFC Panel (WF) Located on Platform Level Track 1 Wayside (Rm. W104)



L'Enfant Plaza West Photo #2 – AFC Panel (WF) Panel Schedule



L'Enfant Plaza West Photo #3 – AFC Panel (WF) Top Feed Conduits

L'Enfant Plaza West Photo #4 - AFC Source Switchboard (WB) located in Room #W104 on Platform Level Track 1 Wayside. Source Breaker (Panel "WF") Circuit #7 for AFC Panel (WF).





L'Enfant Plaza West Photo #5 – Source Panel (WE) for Panel WEZ which shares junction box with AFC Panel (WF) and has to be de-energized.

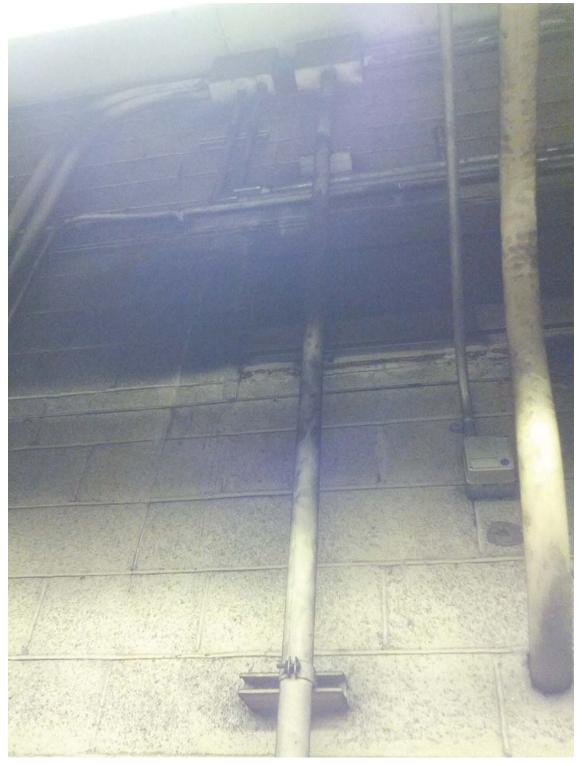
PANELBOARD: WE 3 phi 480/277V FED FROM: CIR. LOAD DESCRIPTION 1 Mezz. Emer. Ltg. Blatform Ancillary Emerg. Ltg. 2 Tunnel Emer. Ltg. N 3 Mezz. Ancillary Emergency Ltg. 4 Tunnel Emer. Ltg. 5 5 Panel WEZ 6 7 Spare. 8 Spare 9 Seb Panel 10 WE-11 12 13 14 15 16 17 18

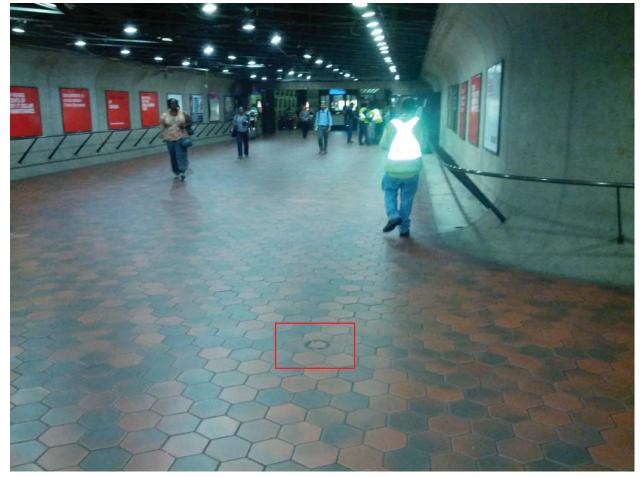
L'Enfant Plaza West Photo #6 – Source Panel (WE) Panel Schedule

L'Enfant Plaza West Photo #7 –Shared Junction Box for AFC Panel (WF) and Panel (WEZ) where overhead conduits land in same junction box. Platform Level in Rm. W104 Track 1 Wayside.



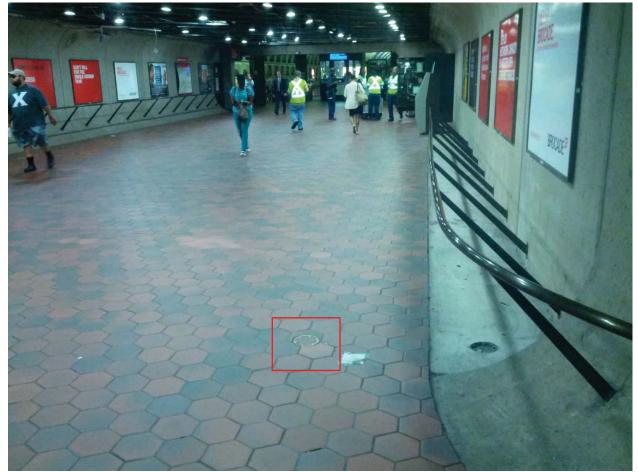
L'Enfant Plaza West Photo #8 –Shared Junction Box for AFC Panel (WF) and Panel (WEZ) where overhead conduits land in same junction box. Platform Level in Rm. W104 Track 1 Wayside.





L'Enfant Plaza West Photo #9 – Handhole located on Mezzanine Level about 100' from Kiosk

L'Enfant Plaza West Photo #10 – Handhole located on Mezzanine Level about 70' from Kiosk and possible location where junction box from platform level below transitions to Mezzanine Level (Metal Plate)





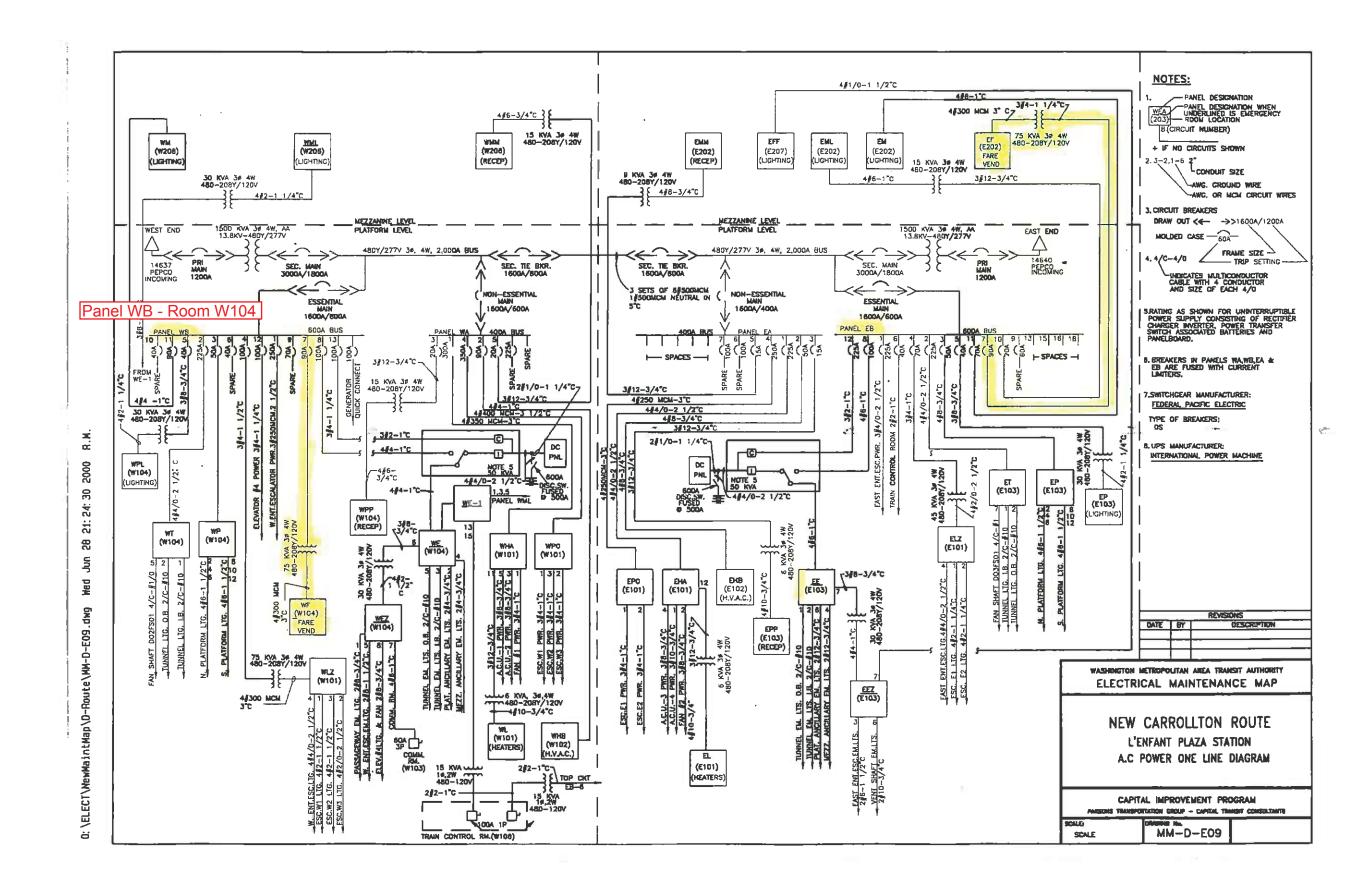


L'Enfant Plaza North Photo #11 – Handhole located on Mezzanine Level about 40' from Kiosk

MAINS 400A MLO RATING 10K AIC LOAD DESCRIPTION EXISTING VENDOR EXISTING VENDOR EXIST KIOSK LOAD CENTER "KES" EXISTING VENDOR EXISTING VENDOR EXISTING VENDOR EXISTING VENDOR	PHASE: WIRE: KVA 0.8	120/208 3 4 CKT E AMP 20	- BKRS	SECT	TION:	ROOM	E206			
LOAD DESCRIPTION EXISTING VENDOR EXISTING VENDOR EXIST KIOSK LOAD CENTER "KES" EXISTING VENDOR EXISTING VENDOR	KVA 0.8 0.8 2.9 2.5	CKT E	BKRS	_	1011					
EXISTING VENDOR EXISTING VENDOR EXIST KIOSK LOAD CENTER "KES" EXISTING VENDOR EXISTING VENDOR	0.8 0.8 2.9 2.5	AMP	BKRS		IUN:	1 OF 1				
EXISTING VENDOR EXISTING VENDOR EXIST KIOSK LOAD CENTER "KES" EXISTING VENDOR EXISTING VENDOR	0.8 0.8 2.9 2.5			CKT.		CKT.	СКТ	BKRS		=
Existing vendor Exist Kiosk Load Center "Kes" Existing vendor Existing vendor	0.8 2.9 2.5	20	POLE	NO.		NO.	POLE	AMP	KVA	LOAD DESCRIPTION
Exist Kiosk Load Center "Kes" Existing vendor Existing vendor	2.9 2.5		1	1	A	2	1	20	Q.8	EXISTING VENDOR
EXISTING VENDOR EXISTING VENDOR	2.5	20	1	3	- 8 -	4	1	20	0.0	EXISTING VENDOR
EXISTING VENDOR		30	3	5	- · C	6	1	20	0.0	EXIST ING VENDOR
EXISTING VENDOR	25	<u> </u> .	·	7	A	8	1	20	8.0	EXIST ING VENDOR
EXISTING VENDOR	1 2.2	-	-	9	- B -	10	1	20	68	EXISTING VENDOR
	0.8	20	1	11	C	12	1	20	0.8	EXIST ING VENDOR
EXISTING VENDOR	8.0	20	1	13	A	- 14 -	1	20	0.8	EXISTING VENDOR
	0.8	20	1	15	- 8 -	16	1	20	8.0	EXISTING VENDOR
EXISTING VENDOR	0.6	20	1	17	C	18	1	20	0.0	SPARE
EXISTING VENDOR	80	20	1	19	A	20	1	20	0.0	SPARE
EXIST ING VENDOR	80	20	1	21	- 8 -	22	1	20	0,8	EXISTING VENDOR
SPACE	0.0	-	^	23	C	24	-	4	0.0	SPACE
EXISTING VENDOR	0.8	20	1	25	A	26	-	-	0.0	SPACE
SPARE	0.0	20	1	27	- B -	28		•	0.0	SPACE
SPARE	0.0	20	1	29	C	30	1	20	6.8	EXISTING VENDOR
SPARE	0.0	20	1	31	A	32	1	20	8.0	EXISTING VENDOR
SPARE	00	20	1	33	- B -	34	1	20	6.0	NEW KJOSK RECEPT. (IT & NEPP
SPARE	0.0	20	1	35	C	36	1	20	0,0	SPARE (KIOSK)
SPARË	00	20	1	37	A	38	1	20	0.0	SPARE
SPARE	0.0	20	1	39	- B -	40	1	20	0.0	SPARE
		20	1	41	C	42	1	20	00	SPARE
SPARE	00 00 1. CONN 2. CBTC	20 NECT NEV O BE RES	ERVED	FORF	UTURE /	AFC		20	0.8	EXISTING VENDOR
SPARE SPARE NOTES	0.0 1. CONM	D BE RES	V FEED ERVED	ER TO FOR F	EXUSTIN	G 20A, AFC	1P CB	20		
SPARE NOTES	0.0 1. CONM	DECT NEV D BE RES	V FEED ERVED	ER TO FOR F	EXISTIN UTURE /	G 20A, AFC	1P CB	20	00	KVA
SPARE NOTES IGHTS RECEPTACLES, FIRST 10 KVA	0.0 1. CONM	0.0 10 0	V FEED ERVED X 125% X 100%	ER TO FOR F	EXISTIN UTURE /	G 20A, AFC	1P CB	20	0 U 10.0	KVA KVA
SPARE NOTES NOTES RECEPTACLES, FIRST 10 KVA RECEPTACLES	0.0 1. CONM	0.0 0.0 10.0 8.0	V FEED ERVED x 125% x 100% x 50%	ER TO FOR F	EXISTIN UTURE /	G 20A, AFC	1P CB	20	0 J 10.0 4.0	KVA KVA KVA
SPARE NOTES NOTES RECEPTACLES, FIRST 10 KVA RECEPTACLES AISC APPLIANCES	0.0 1. CONM	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	V FEED ERVED x 125% x 100% x 50% x 100%	ER TO FOR F	EXISTIN UTURE /	G 20A, AFC	1P CB	20	0 U 10.0 4.0 0.0	KVA KVA KVA KVA
SPARE SPARE NOTES IGHTS RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC APPLIANCES ARGEST MOTOR	0.0 1. CONM	0.0 0 BE RES 0.0 100 80 00 00	V FEED ERVED x 125% x 100% x 100% x 100% x 125%	ER TO FOR F	EXISTIN UTURE /	G 20A, AFC	1P CB	20	00 10.0 4.0 0.0 0.0	KVA KVA KVA KVA KVA
SPARE NOTES IGHTS RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC APPLIANCES ARGEST MOTOR MOTORS	0.0 1. CONM	0.0 0 BE RES 0.0 10 0 0 0 0 0 0 0 0 0	V FEED ERVED 2 125% 2 100% 2 100% 2 100% 2 125% 2 100%	ER TO FOR F	EXISTIN UTURE /	G 20A, AFC	1P CB	20	0 0 10.0 4.0 0 0 0 0 0 0	KVA KVA KVA KVA KVA KVA
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SPARE SPARE NOTES NOTES NOTES RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC APPLIANCES ARGEST MOTOR MOTORS HEAT IC	0.0 1. CONM	0.0 0 BE RES 0 0 DE RES 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	V FEED ERVED x 125% x 100% x 100% x 100% x 125% x 100% x 125% x 100%	AD	EXISTIN UTURE /	G 20A, AFC	1P CB	20	0 0 10.0 4.0 0 0 0 0 0 0 0 0 3 8 4 5	KVA KVA KVA KVA KVA KVA KVA KVA
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EXIST ING VENDOR	0.8	20	1	13	A	- 14	1	20	0.0	SPARE	1
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SPARE	0.0	20	1	31	A	32	1	20	08	EXISTING VENDOR	1
WE FRIDE				33	- B -	34	-		00	SPACE	1
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EXISTING VENDOR SPARE SPARE SPARE NOTES LIGHTS RECEPTACLES, FIRST 10 KVA	0.8 0.0 0.0 0.0 0.0 1. CONN	20 20 20 20 ECT NEV BE RESE 0.0	1 1 1 1 FEED RVED X 1259 X 1259	35 37 39 41 43 ER TO FOR F	A C A C EXISTIN	38 40 42 44 IG SPAI AFC	1 1 1 RE 20A	20 20 20 20	0.0 0.8 0.8 0.0 0.0	SPARE EXISTING VENDOR EXISTING VENDOR SPARE	
EXISTING VENDOR SPARE SPARE SPARE NOTES LIGHTS RECEPTACLES, FIRST 10 KVA RECEPTACLES	0.8 0.0 0.0 0.0 0.0 1. CONN	20 20 20 20 ECT NEV BE RESE 0.0 10.0 7 2	1 1 1 1 1 V FEED RVED X 1259 x 1009 x 50%	35 37 39 41 43 ER TO FOR F	A C A C EXISTIN	38 40 42 44 IG SPAI AFC	1 1 1 RE 20A	20 20 20 20	0.0 0.8 0.0 0.0 0.0	SPARE Existing vendor Existing vendor Spare KVA KVA KVA	
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		REFERENCE DRAWINGS			REVISIONS	WASHINGTON METROP	POLITAN AREA TRANSIT AUTHORITY
DESIGNED C. 1190 00-14	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION	With the rest menter	
DRAWN <u>C. 1600</u> 00-14						DEPARTMENT OF TRANSIT INFRASTRUC	
CHECKED <u>B. DUB</u> DATE DATE				<u> </u>		AND ENGINEERING SERVICES OFFICE OF INFRASTRUCTURE RENEWAL F	
APPROVED N/A							SUBMITTED
DATE						APPROVED	PROJECT MANAGER



				Pre-Inspection	on Mezz	anin	e Wa	alktł	nrough C	hecklist
Date: (08/28/2014	1	Station Name: L	'Enfant Plaza East	Mezzanine	# 057				Completed By: Tino Sahoo
Check		Та	sk		Equipmen	t			Room ID	Notes
				Electrical Source Panel Na	ame/Number:	EB			103	Room 103 is AC SWBD. RM. Located Wayside on Track 1 on Platform level.
\checkmark	matches Identify Id	the field/ ocations of	of the	Source Breaker Name/Nur	mber:	"Panel	EF" (Cir	cuit #7)	103	Room E206 is on the Mezzanine Level.
	electrical	equipme	ent.	Electrical AFC Panel Name	e/Number:	EF			E206	
\checkmark		d to the A	AFC electrical	Disconnect Name/Number	r: N/A					
			or High voltage orts required?	SMNT/POWR escorts:	HIGH Volt	age				
		between	AFC Panel	Do AFC Panel loads feed in raceway e.g. trench or trou		NO				
			ntify additional e-energize	specify source panels in no		NO				
	duct, the I	ocation c	ed pathway of the of the handholes,			ELES	s 🗆			There are no special escorts requirements.
	manholes accessibil requireme	ity or spe	kes and ecial escort	Other Access/Support:						
	Identify ba	andhole o	or manhole access	Required PLNT Support for handhole/manhole access	VEC	6 (see no	otes)			No handholes on mezzanine level; straight run from AFC Panel (EF) to Kiosk with 90 or 45 degree bend.
V	requireme			Identified Conduit/Duct Transition to mezzanine le	evel? YES	3				
Emerg	ency Pow	er Verific	cation							
Check			1	「ask		YES	NO	NA		Comments
	electrical	ification of the electrical plan to the existing schematic if the AFC ctrical panel is connected to a Automatic Transfer Switch (ATS) / ergency power source						7		
Notes	and Discre	epancies	5:							
Sign O	Off		GFP	Representative						WMATA PRGM
Name:		Tino Sa	ihoo							
Signat	ture:	Tan	nena Da	her						
Date:		09/23/2	014							



L'Enfant Plaza East Photo #1 – AFC Panel (EF) - Room E206 (Mezzanine Level)

L'Enfant Plaza East Photo #2 – AFC Panel (EF) Panel Schedule

PANELBOARD: EF 3 ph. 4W 208/120V FED FROM: CIR. LOAD DESCRIPTION 1 Gate 0 N GATE 2 18 3 GATE N 0 4 VENA 30 May a ALL& NEATING. 10SK NO.10 Vendor 33 TE A/C& HEATING 10SK 8 12 11 38 19 9 IOSK ALCS HEATING 10 ES FARE CARD # 31 FARE CARD # 32 GATE NO. 14 12 13 14 FARE CARD # 20 15 ATE NO. 13 16 Add FARE # 51 17 Add FARE # 50 18 19 BATCHEDO FARE CURD =# 20 33 21 Pids Mezz 22 23 CCTV GNC. FOS- 05 24 25 26 27 28 29 30 Tans 31 32 33 34 35 36 37 38 39 40 41 42 3401812 FEDERAL PACIFIC ELECT

L'Enfant Plaza East Photo #3 – AFC Panel (EF) – Bottom Trough (NOT SHARED) and Walker Duct Transition





L'Enfant Plaza East Photo #4 –AFC Source Switchboard (EB) located in Room #103 on Platform Level Track 1 Wayside. Source Breaker (Panel "EF") Circuit #7 for AFC Panel (EB).

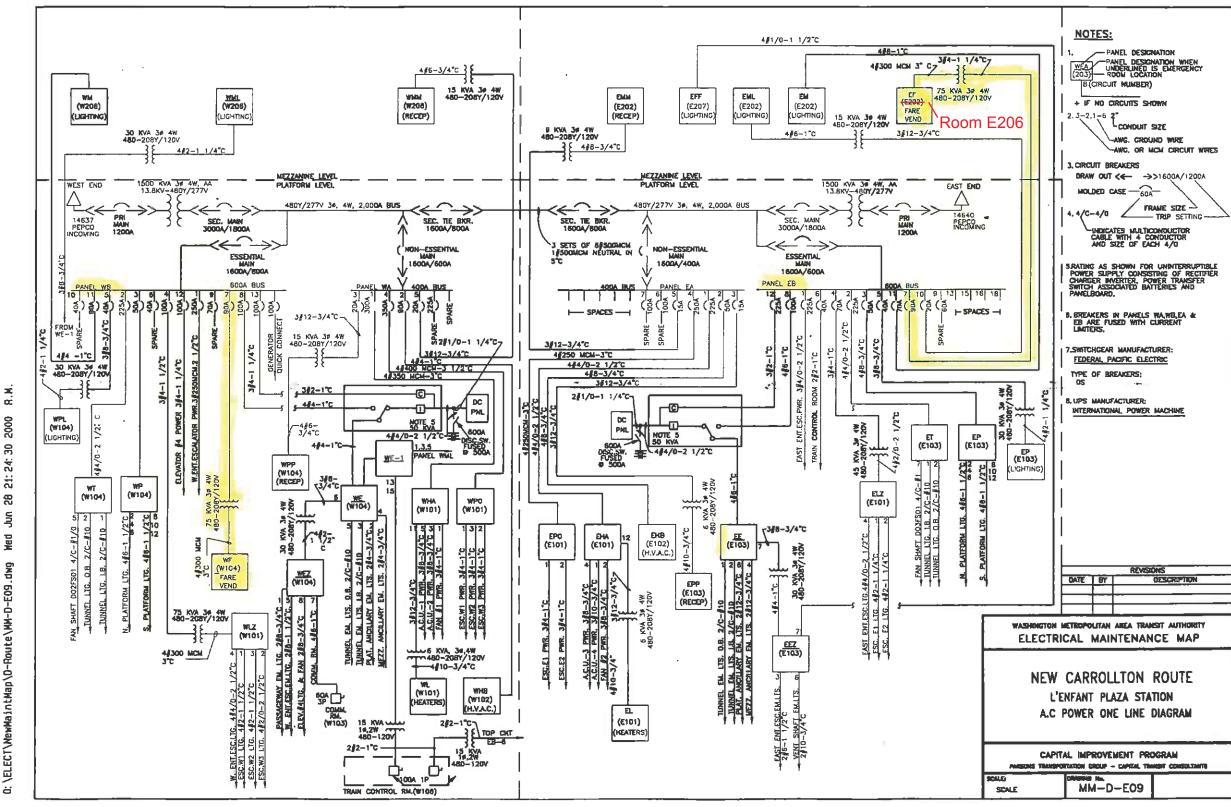


L'Enfant Plaza East Photo #5 – AFC Panel (EF) - Room E206 (Mezzanine Level)

VA A 0.8	CKT 8 AMP 20 20 30 - 20 20 20 20 20 20 20 20 20 20		LOCA SECTI CKT.		ROOM 1 OF 1 CKT NO. 2 4 6 8 10 12 14	E206 CKT POLE 1 1 1 1 1 1	BKRS AMP 20 20 20 20 20 20 20 20	KVA 0.8 0.8 0.8 0.8 0.8	LOAD DESCRIPTION EXISTING VENDOR EXISTING VENDOR EXISTING VENDOR EXISTING VENDOR EXISTING VENDOR EXISTING VENDOR EXISTING VENDOR
A A VA A VA A VB A VB B	AMP 20 20 30 20 20 20 20 20 20 20 20 20 20	POLE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SECTI CKT. NO. 1 3 5 7 9 11 13 15	ON: A	1 OF 1 CKT NO. 2 4 6 8 10 12	CKT POLE 1 1 1 1 1	AMP 20 20 20 20 20 20	0.8 0.8 0.8 0.8 0.8	Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor
Image: Non-state state st	AMP 20 20 30 20 20 20 20 20 20 20 20 20 20	POLE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CKT. NO. 1 3 5 7 9 11 13 15	A	CKT. NO. 2 4 6 8 10 12	CKT POLE 1 1 1 1 1 1	AMP 20 20 20 20 20 20	0.8 0.8 0.8 0.8 0.8	Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor
VA A 0.8	AMP 20 20 30 20 20 20 20 20 20 20 20 20 20	POLE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NO. 1 3 5 7 9 11 13 15	- B - C A - B - C A	NO. 2 4 6 8 10 12	POLE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMP 20 20 20 20 20 20	0.8 0.8 0.8 0.8 0.8	Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor
.8 .9 .5 .5 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .9	20 20 30 - 20 20 20 20 20 20 20 20 20 20	1 3 - - 1 1 1 1	1 3 5 7 9 11 13 15	- B - C A - B - C A	2 4 6 8 10 12	1 1 1 1 1	20 20 20 20 20 20	0.8 0.8 0.8 0.8 0.8	Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor
0.8 0.9 0.5 0.5 0.8 0.8 0.8 0.8 0.8 0.8 0.0	20 30 20 20 20 20 20 20 20 20 20 20 20	1 3 - 1 1 1 1	3 5 7 9 11 13 15	- B - C A - B - C A	4 6 8 10 12	1 1 1 1 1	20 20 20 20 20	0.8 0.8 0.8 0.8	Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor Exist ing vendor
.9 .5 .5 .8 .8 .8 .8 .8 .8 .8 .9 .9 .8 .9	30 - 20 20 20 20 20 20 20 20 20 20	3 - - 1 1 1	5 7 9 11 13 15	C A - B - C A	6 8 10 12	1 1 1	20 20 20	0.8 0.8 0.8	EXISTING VENDOR EXISTING VENDOR EXISTING VENDOR
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8 8 0 .8 .0 .8	20 20 20 20 20	1	15		14		00	20	
8 8 0 8 0	20 20 20	1		- 13 - 1	40		20	0.8	EXISTING VENDOR
8 8 0 .8 .0	20 20 -		1/		16	1	20	8.0	EXISTING VENDOR
8 0 .8 .0	20	1		C	18	1	20	0.0	SPARE
.0	-		19	A	20	1	20	0.0	SPARE
.8	-	1	21	- 8 -	22	1	20	0,0	EXIST ING VENDOR
.0		^	23	C	24	-	*	0.0	SPACE
	20	1	25	Α	26	-	-	0.0	SPACE
.0	20	1	27	- B -	28		•	0.0	SPACE
	20	1	29	C	30	1	20	6.8	EXISTING VENDOR
0	20	1	31	A	32	1	20	0.8	EXISTING VENDOR
0	20	1	33	- B -	34	1	20	6.0	NEW KOSK RECEPT. (IT & NEPI
.0 :	20	1	35	C	36	1	20	0.0	SPARE (KIOSK)
0	20	1	37	A	38	1	20	0.0	SPARE
.0	20	1	39	- B -	40	1	20	0.0	SPARE
0	20	1	41	C	42	1	20	00	SPARE
<u> </u>	20	4	42	Δ	44		20	0.0	EXIST ING VENDOR
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_			1						
	00	x 125%	i i					00	KVA
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	301	x 125%						38	KVA
	45;	x 100%						4 5	KVA
	0.0	c 125%						0.0	KVA
—	25.5	KVA		TOTA	L DEM	AND KV	/A	22.3	KVA
				TOTA	L DEM	AND AM	PS	61,8	AMPS
	971	KVA							
	8.9 1	KVA							
	69 I	KVA							
	ROM	277/4							DCATED IN AC SWBD, RML 10
)	0 20 0 20 0 20 0 20 0 20 0 20 0 20 0 20 0 20 0 10 0 0 0 0 <	20 1 20 100% 30 x 125% 25.5 KVA 37 KVA 89 KVA 69 KVA FED FROM 277/4	20 1 39 20 1 31 39 20 1 41 41 20 1 43 20 1 43 20 1 43 20 1 43 20 1 43 20 1 43 20 1 43 20 1 43 20 1 43 20 1 43 20 1 43 20 1 43 20 1 43 20 100 x 100% 80 x 50% 00 x 100% 30 x 125% 25.5 KVA 37 KVA 89 KVA 69 KVA FED FROM 277/480V, 3	D 20 1 39 - B - 0 20 1 41 - C - C 0 20 1 43 A - C 0 100 x 105% TOTA C <t< td=""><td>D 20 1 39 - B 40 20 1 41 - - C 42 20 1 43 A - 44 20 1 25% 100 Extra total tota</td><td>D 20 1 39 B 40 1 0 20 1 41 - C 42 1 0 20 1 43 A - 44 1 0 100 x105 FED FOR FUTURE AFC ED FED FROM 277/480V, 34, 4W ED A 100</td><td>D 20 1 39 - B 40 1 20 1 20 1 33 - C 42 1 20 1 43 A - 44 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 21 20 20 <th< td=""><td>D 20 1 39 - 40 1 20 0.0 20 1 41 - C 42 1 20 0.0 20 1 41 - C 42 1 20 0.0 20 1 43 A - 44 1 20 0.8 DNNECT NEW FEEDER TO EXISTING 20A, 1P CB 0.0 100 20 1 43 A - 44 1 20 0.8 DNNECT NEW FEEDER TO EXISTING 20A, 1P CB 0.0 100</td></th<></td></t<>	D 20 1 39 - B 40 20 1 41 - - C 42 20 1 43 A - 44 20 1 25% 100 Extra total tota	D 20 1 39 B 40 1 0 20 1 41 - C 42 1 0 20 1 43 A - 44 1 0 100 x105 FED FOR FUTURE AFC ED FED FROM 277/480V, 34, 4W ED A 100	D 20 1 39 - B 40 1 20 1 20 1 33 - C 42 1 20 1 43 A - 44 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 21 20 20 <th< td=""><td>D 20 1 39 - 40 1 20 0.0 20 1 41 - C 42 1 20 0.0 20 1 41 - C 42 1 20 0.0 20 1 43 A - 44 1 20 0.8 DNNECT NEW FEEDER TO EXISTING 20A, 1P CB 0.0 100 20 1 43 A - 44 1 20 0.8 DNNECT NEW FEEDER TO EXISTING 20A, 1P CB 0.0 100</td></th<>	D 20 1 39 - 40 1 20 0.0 20 1 41 - C 42 1 20 0.0 20 1 41 - C 42 1 20 0.0 20 1 43 A - 44 1 20 0.8 DNNECT NEW FEEDER TO EXISTING 20A, 1P CB 0.0 100 20 1 43 A - 44 1 20 0.8 DNNECT NEW FEEDER TO EXISTING 20A, 1P CB 0.0 100

		E	XIS.	ΓΙΝ	S PA	NEL	"W	F			
AMPERES: 400	VOLTS:				TING:						
MAINS: 225AMLO	PHASE:	3					SD RO	DM W104]
RATING: 10K AIC	WRE:	4		SECT	ION: 1	OF 1	_				
		CKT B	KRS	CKT.		CKT.	CK	BKRS			
LOAD DESCRIPTION	KVA	AMP	POLE	NO.		NO.	POLE	AMP	KVA	LOAD DESCRIPTION]
EXISTING VENDOR	0.8	20	1	1	A	2	1	20	0.8	EXISTING VENDOR]
EXISTING VENDOR	0.8	20	1	3	- B -	4	1	20	0.8	EXISTING VENDOR]
EXIST . KIOSK LOAD CENTER "KES"	2.9	30	3	5	C	6	1	20	80	EXISTING VENDOR]
	2.5	-	•	7	A	8	1	20	ũ8	EXISTING VENDOR	
	2.5	-	- 1	9	- B -	10	1	20	0.8	NEW KIOSK RECEPT. (IT & NEPP)	1
SPARE	0.0	20	1	11	C	12	1	20	0.0	SPARE (KIOSK)	182
EXIST ING VENDOR	8.0	20	1	13	A	-14	1	20	0.0	SPARE	
EXISTING VENDOR	0.8	20	1	15	- B -	16	1	20	0.0	SPARE	
EXIST ING VENDOR	0.0	20	1	17	C	18	1	20	0.0	SPARE	
EXISTING VENDOR	8.0	20	1	19	A	20	1	20	0.0	SPARE	4
SPACE	0.0	-	-	21	- B -	22	-	-	0.0	SPACE	1
SPARE	0.0	20	1	23	C		1	20	0.0	EXISTING VENDOR	1
EXISTING VENDOR	8.0	20	1	25	Α	26	1	20	00	SPARE	1
SPARE	00	20	1	27	- B -	28	1	20	0.0	SPARE	-
EXISTING VENDOR	8.0	20	1	29	C		1	20	0.8	EXISTING VENDOR	4
SPARE	0.0	20	1	31	Α	32	1	20	08	EXISTING VENDOR	4
EXISTING VENDOR	8.0	20	1	33	- B -	34	-	-	00	SPACE	-
EXISTING VENDOR	8.0	20	1	35	C	36	1	20	0.0	EXISTING VENDOR	
SPARE	0.0	20	1	37	A	38	1	20	0.0	SPARE	4
SPARE	0.0	20	1	39	- B -	40	1	20	0.8	EXISTING VENDOR	
SPARE	0.0	20	1	41_	C	42	1	20	0.6	EXISTING VENDOR	
SPARE	0.0	20	1	43	Α	44	1	20	0.0	SPARE	
					<u> </u>						-
		0.0	L(SUN	IMA	RY_		60	KVA	-
				6	SUN	IMA	RY_			KVA KVA	-
RECEPTACLES, FIRST 10 KVA		10.0	x 1259	6	SUN	IMA	RY_		10 0		-
RECEPTACLES, FIRST 10 KVA RECEPTACLES		10.0	x 1259 x 1009	6	SUN	IMA	<u> </u>		10 0 3 6	KVA	-
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES		10.0 7.2 0.0	x 1259 x 1009 x 50% x 1009	6 6 6	SUN	IMA	RY_		10 0 3 6 0 0	i Kva	-
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR		10.0 7.2 0.0 0.0	x 1259 x 1009 x 50% x 1009 x 1259	6 6 6 6	SUN	IMA	<u> </u>		10 0 3 6 0 0	KVA KVA KVA	-
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS		10.0 7.2 0.0 0.0	x 1259 x 1009 x 50% x 1009 x 1259 x 1259 x 1009	6 6 6 6	SUN	IMA	RY_		10 0 3 6 0 0 0 0 0 0	KVA KVA KVA KVA	
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT		10.0 7.2 0.0 0.0 0.0 3.0	x 1259 x 1009 x 50% x 1009 x 1259 x 1009 x 1259	6 6 6 6	SUN	IMA	RY_		10 0 3 6 0 0 0 0 0 0 3 8	KVA KVA KVA KVA KVA	
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC		10.0 7.2 0.0 0.0 0.0 0.0 3.0 4.5	x 1259 x 1009 x 50% x 1009 x 1259 x 1009 x 1259 x 1009 x 1259	6 6 6 6 6	SUN	IMA	<u> </u>		10 0 3 6 0 0 0 0 3 8 4.5	KVA KVA KVA KVA KVA KVA	
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING		10.0 72 00 00 00 3.0 4 5 0.0	x 1259 x 1009 x 50% x 1009 x 1259 x 1009 x 1259 x 1009 x 1259	6 6 6 6 6					10 0 3 6 0 0 0 0 3 8 4.5 0.0	KVA KVA KVA KVA KVA KVA KVA	
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING		10.0 72 00 00 00 3.0 4 5 0.0	x 1259 x 1009 x 50% x 1009 x 1259 x 1009 x 1259 x 1009 x 1259	6 6 6 6 6	тот		AND K		10 0 3 6 0 0 0 0 3 6 4 5 0 0 21.9	KVA KVA KVA KVA KVA KVA	
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUMMA	ARY	10.0 72 00 00 30 45 0.0 24.7	x 1259 x 1009 x 50% x 1009 x 1259 x 1009 x 1259 x 1009 x 1259 KVA	6 6 6 6 6	тот	AL DEM	AND K		10 0 3 6 0 0 0 0 3 6 4 5 0 0 21.9	KVA KVA KVA KVA KVA KVA KVA KVA	
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUM MA PHASE A.	ARY	10.0 7.2 0.0 0.0 0.0 3.0 3.0 4.5 0.0 24.7 8.1	x 1259 x 1009 x 50% x 1009 x 1259 x 1009 x 1259 x 1009 x 1259 KVA	6 6 6 6 6	тот	AL DEM	AND K		10 0 3 6 0 0 0 0 3 6 4 5 0 0 21.9	KVA KVA KVA KVA KVA KVA KVA KVA	
LIGHTS RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUMML PHASE A. PHASE B: PHASE C:	ARY	10.0 7.2 0.0 0.0 0.0 3.0 4.5 0.0 24.7 8.1 7.3	x 1259 x 1009 x 50% x 1009 x 1259 x 1009 x 1259 x 1009 x 1259 KVA KVA	6 6 6 6 6	тот	AL DEM	AND K		10 0 3 6 0 0 0 0 3 6 4 5 0 0 21.9	KVA KVA KVA KVA KVA KVA KVA KVA	
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUM MA PHASE A. PHASE B: PHASE C: IOTES: A. EXISTING PAREL "Y CIRCUIT #7-90A/3 B. EXISTING WIRDING FI • 1-4" C. TO	IF" IS FE IP VIA 75 ED FROM TRANSFOR	10.0 7.2 0.0 0.0 0.0 3.0 4.5 0.0 24.7 6.1 7.3 6.5 D FROM KVA TRA TOP OF RMER (W	x 1259 x 1009 x 1009 x 1259 x 1009 x 100 x 100 x 100 x 100 x 1000 x 100 x	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	тот, тот, 34, 4₩ SEE ATT	AL DEM AL DEM EXISTIN	AND K AND A	MPS	10 0 3 6 0 0 0 0 3 8 4 5 0 0 21.9 60.7	KVA KVA KVA KVA KVA KVA KVA KVA	- - -
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUMMA PHASE A. PHASE B: PHASE C: CIRCUIT #7-90A/3 B. EQISTING WIRDING FI	rf" is fe p via 75 ed from transfor wiring fi	10.0 7.2 00 0.0 00 3.0 4.5 0.0 24.7 24.7 6.1 7.3 6.5 D FROM KWA TRA TOP OF RMER (W 1L >407	x 1259 x 1009 x 50% x 1259 x 1	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	тот, тот, 34, 4₩ SEE ATT	AL DEM AL DEM EXISTIN	AND K AND A	MPS	10 0 3 6 0 0 0 0 3 8 4 5 0 0 21.9 60.7	KVA KVA KVA KVA KVA KVA KVA KVA AMPS	CONTRACT NO
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUMML PHASE A PHASE B: PHASE B: PHASE C: INTES: A. EXISTING WIRKING FI • 1-4" C. TO • 1-3/4" C. (1)	rf" is fe p via 75 ed from transfor wiring fi	10.0 7.2 00 0.0 00 3.0 4.5 0.0 24.7 24.7 6.1 7.3 6.5 D FROM KWA TRA TOP OF RMER (W 1L >407	x 1259 x 1009 x 50% x 1259 x 1	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	тот, тот, 34, 4₩ SEE ATT	AL DEM AL DEM EXISTIN	AND K AND A	MPS TTCHBOAR MM-D-E	10 0 3 6 0 0 0 0 3 8 4 5 0 0 21.9 60.7	i KVA i KVA	CONTRACT NO 14-FQ10060-CENI-24
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUMML PHASE A PHASE B: PHASE B: PHASE C: INTES: A. EXISTING WIRKING FI • 1-4" C. TO • 1-3/4" C. (1)	rf" is fe p via 79 ed from Transfor Wiring Fi C. (Wirin	10.0 72 00 0.0 00 3.0 4.5 0.0 24.7 24.7 6.1 7.3 6.5 0.5 0 FROM KVA TRA TOP OF SMER (W 1L >407 G FILL >	x 1259 x 1009 x 50% x 1029 x 1259 x 1009 x 100 x	4480V, 4480V, 4480V, 4480V, 1480V, 14	TOT, TOT, 34, 4W SEE ATT 40%).	AL DEM AL DEM DOSTIN ACHED	AND K AND A G SW DWG.	MPS TTCHBOAR MM-D-E	10 0 3 6 0 0 0 0 3 8 4 5 0 0 21.9 60.7	KVA KVA KVA KVA KVA KVA KVA KVA KVA KVA	ROGRAM (NEPP TATIONS ST & WEST
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUMMA PHASE A. PHASE B: PHASE C: MIETROPOLITAN AR TINFRASTRUCTURE	rf" is fe p via 79 ed from Transfor Wiring Fi C. (Wirin	10.0 72 00 0.0 00 3.0 4.5 0.0 24.7 24.7 6.1 7.3 6.5 0.5 0 FROM KVA TRA TOP OF SMER (W 1L >407 G FILL >	x 1259 x 1009 x 50% x 1029 x 1259 x 1009 x 100 x	4480V, 4480V, 4480V, 4480V, 1480V, 14	тот. тот. 36, 4₩ SEE ATT 40%).	AL DEM AL DEM DOSTIN ACHED	AND K AND A G SW DWG.	MPS TTCHBOAR MM-D-E	10 0 3 6 0 0 0 0 3 8 4 5 0 0 21.9 60.7	KVA KVA KVA KVA KVA KVA KVA KVA KVA KVA	ROGRAM (NEPP TATIONS ST & WEST

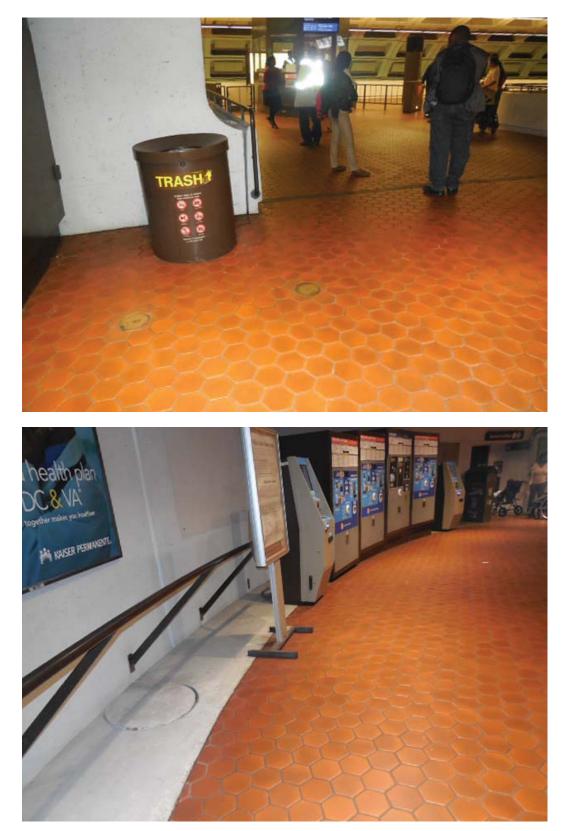
	REFERENCE DRAWINGS			REVISIONS			WASHINGTON METROPOLITAN	AN AREA TRANSIT AUTHORITY		
DESIGNED C. MOD	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION					
DATE DRAWN <u>C. MED</u> <u>DATE</u> DATE					·····		DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES			
CHECKED B. DUB							OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM			
APPROVED N/A DATE							APPROVED	SUBMITTED PROJECT MANAGER		



8

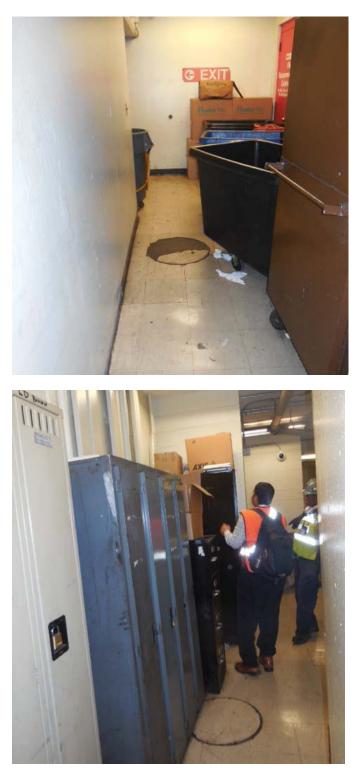
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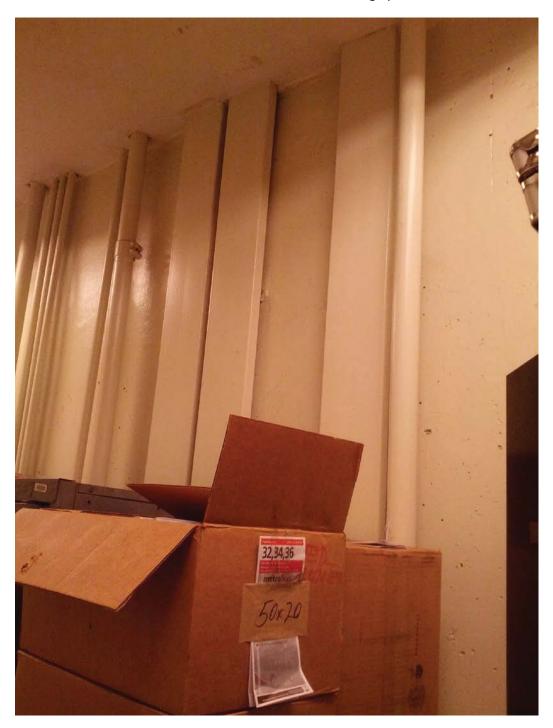
			Pre	-Inspection Mezz	anine Walkthrough	Check	dist		
Date:	10/28/2014	ļ	Station Name: Feder	ral Center SW - D04	Mezzanine #: 058	Completed By: Tino Sahoo			
Check		Та	sk	Equ	lipment	Room ID	Notes		
V	Verify that electrical power design matches the field/record. Identify locations of the electrical equipment.			Electrical Source Panel Name/Number: Source Breaker Name/Number: Electrical AFC Panel Name/Number:	WGB (REAR) "D04-WGB-04" (Breaker #4) F	Rm 303 Rm 303 Rm 206	Room 303 (AC SWBD room) Track 1 wayside.		
\checkmark	AFC electr	rical power p	tch is connected to the anel. Low or High escorts requirements?	Disconnect Name/Number: SMNT/POWR escorts: HIG	GH Voltage				
	Check if there is a shared raceway between AFC Panel and Kiosk and identify additional source panels to be de-energized.			Do AFC Panel loads feed into a raceway e.g. trench or trough? specify source panels in notes.					
	Identify the assumed pathway of duct / conduit, the location of the handholes, manholes and boxes and accessibility or special escort requirement?			PLNT 🗹 COMM / IT RAIL 🗌 CMNT Other Access/Support:	ELES				
	Identify handhole or manhole access requirement.			Required PLNT Mason for handhole/manhole access? Identified Conduit/Duct Transition to mezzanine level?	YES (see notes) YES		All conduit/ducts on one level. Power run from Kiosk to AFC Panel is apprx. 164ft.		
Emerg	ency Powe	er Verificati	on						
Check		Та	sk	Equ	lipment	Room ID	Notes		
\checkmark			l panel is connected fer Switch (ATS).	ATS Name/Number:					
				Source Panel Name/Number:	Panel KE	Kiosk			
\checkmark		n of Kiosk Er KESS, etc)	mergency Panel(s)	Source Breaker Name/Number	Breaker #4	Kiosk			
				Panel Name/Number:	Emergency Power to Faregates				
Notes	and Discre	epancies:							
Sign C	Off		GFP Represe	entative		WM	ATA PRGM		
Name:	-	Tino Sahoo							
Signat	ture:	Tarmena	Jahro						
Date: 10/28/2014									



Pictures 1&2: D04 Federal Center SW – Handholes and manhole in mezzanine

Pictures 3&4: D04 Federal Center SW – Manholes in maintenance corridor

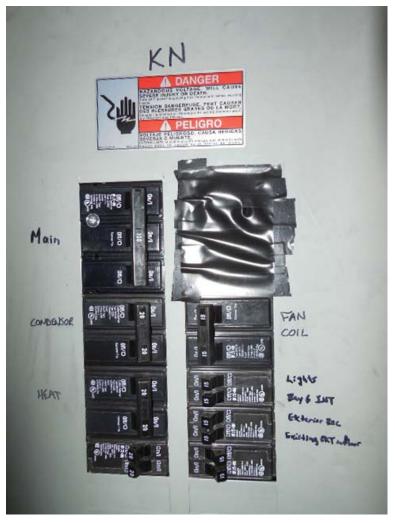


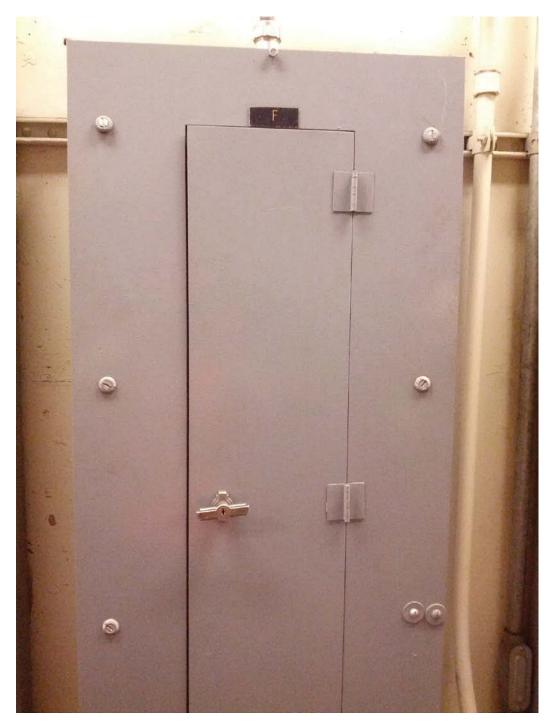


Picture 5: D04 Federal Center SW – Ducts & conduits running up wall in maintenance corridor

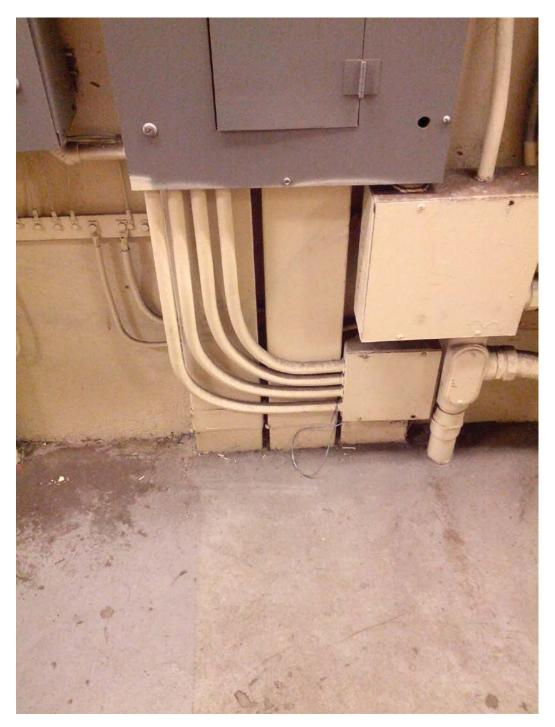
Pictures 6&7: D04 Federal Center SW – Emergency Panels KE & KN in Kiosk







Picture 8: D04 Federal Center SW – AFC Panel F in room 206



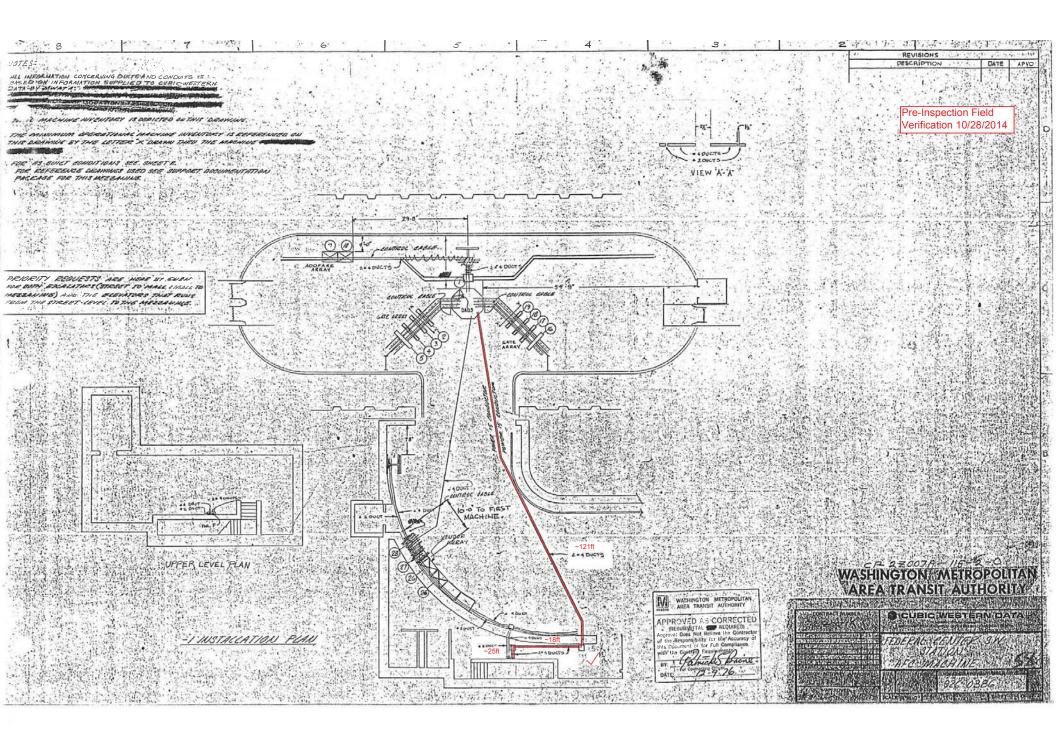
Picture 9: D04 Federal Center SW – AFC Panel F in room 206, Bottom ducts & conduits

USE RECTORY D 17 83 N 1/8

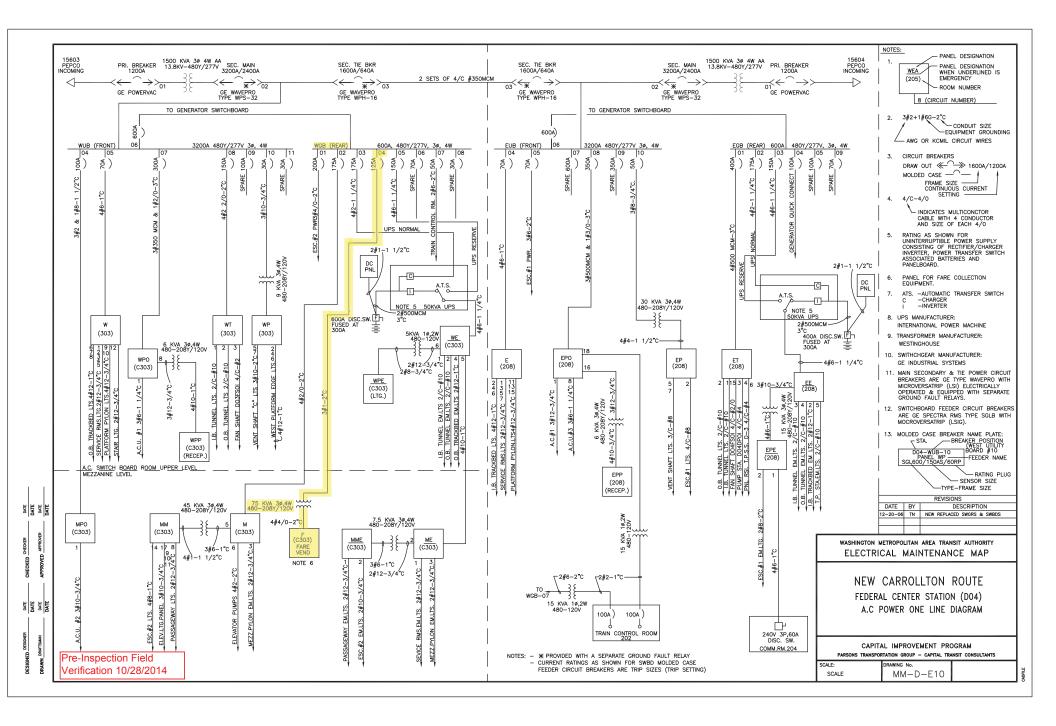
Picture 10: D04 Federal Center SW – AFC Panel F in room 206, Panel schedule



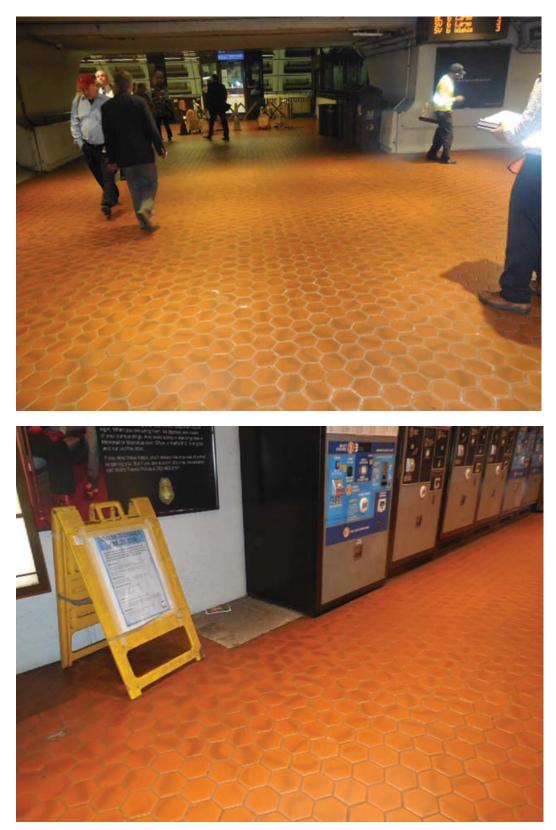
Picture 11: D04 Federal Center SW – SWBD circuit D04-WGB-04 Panel F in room C203



Pre-Inspection Field Verification 10/28/2014	AMPERES: 225		ANEL "F" 🗸
		VOLTS: 120/208 MOUNTING:	SURFACE
	MAINS: 200AMCB	PHASE: 3 LOCATION	MECH EQUIPMENT ROOM C206 🧹
	RATING: 10K AC	WIRE: 4 SECTION: 1	
		CKT BKRS CKT.	CKT. CKT BKRS
3	LOAD DESCRIPTION	KVA AMP POLE NO.	NO. FOLE AMP KVA LOAD DESCRIPTION
	/ 1 NEW KIOSK RECEPT. (IT & N	EPP) 0.8 20 1 1 A	2 0.0 SPACE
	/ 18,2 SPARE (KIOSK)	0.0 20 1 3 B -	4 00 SPACE
	SPACE	00 5 - C	
	SPACE	0.0 7 A	8 0.0 SPACE
	SPACE	0.0 9 - B -	10 0.0 SPACE
	SPACE	0.0 11 C	
	SPACE	0.0 13 A	14 - 00 SPACE
	SPACE	0.0 15 - B -	
	SPACE	0.0 17 C	
	SPARE	0.0 20 1 19 A	
	SPACE	0.0 21 - B -	
	EXISTING VENDOR	0.8 20 1 23 C	
	EXISTING VENDOR	0.8 20 1 25 A	
	EXISTING VENDOR	0.8 20 1 27 - B -	
	EXISTING VENDOR	0.8 20 1 29 C	
	EXISTING VENDOR	0.8 20 1 31 A	
	EXISTING VENDOR	0.8 20 1 33 - B -	
	EXISTING VENDOR	0.8 20 1 35 C	
	EXISTING VENDOR	0.8 20 1 37 A	
	EXISTING VENDOR	0.8 20 1 39 - B -	
	EXISTING VENDOR	0.8 20 1 41 - C	42 - 25
	N		TING AVAILABLE SPACE, CONNECT NEW FEEDER TO
		THESE BREAKERS (NEW CB'S SHALL	
		2. CB TO BE RESERVED FOR FUTURE	AFC
		LOAD SUN	
	LICUTE		
	LIGHTS	0.0 x 125%	0.0 KVA
	RECEPTACLES, FIRST 10 KV/	0.0 x 125% A 10.0 x 100%	0.0 KVA 10.0 KVA
	RECEPTACLES, FIRST 10 KV/ RECEPTACLES	0 0 x 125% 10.0 x 100% 64 x 50%	00 KVA 100 KVA 32 KVA
	RECEPTACLES, FIRST 10 KV/ RECEPTACLES MISC, APPLIANCES	0 0 x 125% 10.0 x 100% 64 x 50% 0 0 x 100%	00 KVA 10.0 KVA 32 KVA 00 KVA
	RECEPTACLES, FIRST 10 KW RECEPTACLES MISC, APPLIANCES LARGEST MOTOR	0 0 x 125% 10.0 x 100% 6 4 x 50% 0 0 x 100% 0 0 x 105%	0.0 KVA 10.0 KVA 3.2 KVA 0.0 KVA 0.0 KVA
	RECEPTACLES, FIRST 10 KW RECEPTACLES MISC, APPLIANCES LARGEST MOTOR MOTORS	0 0 x 125% 4 10.0 x 100% 6 4 x 50% 0 0 x 100% C 0 x 125% 0 0 x 100%	00 KVA 10.0 KVA 32 KVA 00 KVA 00 KVA 00 KVA
	RECEPTACLES, FIRST 10 KW RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT	0 0 x 125% 4 10.0 x 100% 6 4 x 50% 0 0 x 100% 0 0 x 100% 0 0 x 125% 0 0 x 125%	00 KVA 100 KVA 32 KVA 00 KVA 00 KVA 38 KVA
	RECEPTACLES, FIRST 10 KW RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC	0 0 x 125% 100 x 100% 6 4 x 50% 0 0 x 100% 0 0 x 100% 3 0 x 100% 3 0 x 125% 4 5 x 100%	00 KVA 100 KVA 32 KVA 00 KVA 00 KVA 00 KVA 38 KVA 45 KVA
	RECEPTACLES, FIRST 10 KW RECEPTACLES MISC APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING	0 0 x 125% 4 100 x 100% 6 4 x 50% 0 0 x 100% 2 0 x 100% 3 0 x 100% 3 0 x 105% 4 5 x 100% 0 0 x 125%	0.0 KVA 10.0 KVA 0.0 KVA 0.0 KVA 0.0 KVA 0.0 KVA 3.8 KVA 4.5 KVA 0.0 KVA
	RECEPTACLES, FIRST 10 KW RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC	0 0 x 125% 4 100 x 100% 6 4 x 50% 0 0 x 100% C 0 x 125% 0 0 x 100% 3 0 x 125% 4 5 x 100% 0 0 x 125% 2 3 9 KVA TOTA	0 0 KVA 10.0 KVA 0.0 KVA 0.0 KVA 0.0 KVA 3.8 KVA 4.5 KVA 0.0 KVA 4.5 KVA
	RECEPTACLES, FIRST 10 KW RECEPTACLES MISC APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD	0 0 x 125% 100 x 100% 6 4 x 50% 0 0 x 100% 0 0 x 100% 3 0 x 125% 4 5 x 100% 0 0 x 125% 2 3 9 KVA TOTA	0.0 KVA 10.0 KVA 0.0 KVA 0.0 KVA 0.0 KVA 0.0 KVA 3.8 KVA 4.5 KVA 0.0 KVA
	RECEPTACLES, FIRST 10 KW RECEPTACLES MISC APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE S	0 0 x 125% 100 x 100% 6 4 x 50% 0 0 x 100% 0 0 x 100% 3 0 x 100% 3 0 x 105% 4 5 x 105% 0 0 x 125% 2 3 9 KWA TOTA 100 x 107% 100 x 105% 100	0 0 KVA 10.0 KVA 0.0 KVA 0.0 KVA 0.0 KVA 3.8 KVA 4.5 KVA 0.0 KVA 4.5 KVA
	RECEPTACLES, FIRST 10 KW RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WAT ER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE S PHASE A	0 0 x 125% 0 0 x 100% 6 4 x 50% 0 0 x 100% 0 0 x 100% 0 0 x 100% 3 0 x 105% 4 5 x 100% 0 0 x 125% 2 3 9 KVA TOTA SUMMARY 8.5 KVA	00 KVA 10.0 KVA 32 KVA 00 KVA 00 KVA 38 KVA 45 KVA 00 KVA 4.5 KVA 0.0 KVA AL DEMAND KVA 21.5 KVA AL DEMAND AMPS 59.6 AMPS
	RECEPTACLES, FIRST 10 KW RECEPTACLES MISC APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE S	0 0 x 125% 100 x 100% 6 4 x 50% 0 0 x 100% 0 0 x 100% 3 0 x 100% 3 0 x 105% 4 5 x 105% 0 0 x 125% 2 3 9 KWA TOTA 100 x 107% 100 x 105% 100	0 0 KVA 10.0 KVA 0.0 KVA 0.0 KVA 0.0 KVA 3.8 KVA 4.5 KVA 0.0 KVA 4.5 KVA



			Pre	-Inspection Mezza	anine Walkthrough	Check	dist
Date:	10/28/2014	1	Station Name: Capit	ol South - D05	Mezzanine #: 059	Complete	ed By: Tino Sahoo
Check		Та	sk	Equ	ipment	Room ID	Notes
V	Verify that electrical power design matches the field/record. Identify locations of the electrical equipment.			Electrical Source Panel Name/Number: Source Breaker Name/Number: Electrical AFC Panel Name/Number:	WGB "D05-WGB-05" (Breaker #5) F	Rm 309 Rm 309 Rm C201	Room 309 (AC SWBD Battery Room) is located wayside of track 1.
\checkmark	AFC elect	rical power p	tch is connected to the anel. Low or High escorts requirements?	Disconnect Name/Number: SMNT/POWR escorts: HIG	GH and LOW Voltage		
\checkmark	Check if there is a shared raceway between AFC Panel and Kiosk and identify additional source panels to be de-energized.			Do AFC Panel loads feed into a raceway e.g. trench or trough? specify source panels in notes.			Panels MPO and ME share raceway with AFC Panel F.
	Identify the assumed pathway of duct / conduit, the location of the handholes, manholes and boxes and accessibility or special escort requirement?			PLNT COMM / IT RAIL CMNT Other Access/Support:	ELES		Access required to room C206 (Verizon room) to verify if handhole/J box is located within.
	Identify handhole or manhole access requirement.			Required PLNT Mason for handhole/manhole access? Identified Conduit/Duct Transition to mezzanine level?	NO YES		No handholes found at mezzanine floor. Transition from mezzanine level described as very difficult.
Emerg	ency Powe	er Verification	on				
Check		Та	sk	Equ	lipment	Room ID	Notes
\checkmark			l panel is connected fer Switch (ATS).	ATS Name/Number:			
	Verification of Kiosk Emergency Panel(s) (KE, KES, KESS, etc)		nergency Panel(s)	Source Panel Name/Number: Source Breaker Name/Number Panel Name/Number:	MME Breaker #12,14 EM Kiosk Panel	Rm C201 Rm C201 Kiosk	Panel EM (Kiosk Emergency Panel), Breaker #8 will de-energize emergency power to faregates. Power run from Kiosk to AFC Panel is 90'.
Notes	and Discr	epancies:				-	
Sign C	off		GFP Represe	entative		WM	ATA PRGM
Name:		Tino Sahoo					
Signat	ure:	Tarmina	Saher				
Date: 10/28/2014							

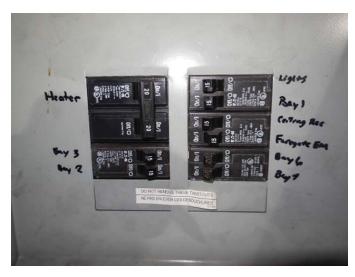


Pictures 1&2: D05 Capitol South – No handholes in mezzanine

Pictures 3-5: D05 Capitol South – Emergency panel EM in Kiosk



FIC A.	
In from MM	12,14
	FOR RAINPRICE DITINGS INTER IN THE
EAT Cutler-Hamme	HUB SIZE DUTUBLEADE LLUVIA, CONSILTE LA SOLIN HUB SIZE DUTUBLEADE DUTUBLEADE
BR612L125RP SERIES/SERIE	E: B 1° (25.40 mm) 0807941 E: B 1° (25.40 mm) 0800941 1-114° (31.75 mm) 0800941
BR612L125RPG WITH FACTORY	1-1/2" (38.10 mm) C0000m 2" (50.80 mm) C0000m
HUTPLES STOTIS	
TYPE 3R ENCLOSURE - RAINPROOF GABINETE TIPO 3R - A PRUEBA DE LLUVI	
SEE MAIN BREAKER RATING)	TORQUE WIRE PRESSURE SCREW(3) AS
120/240 VAC/VCA 208Y/120 VAC/VCA RED DE 3 FASE 4 HLOS RED DE 3 FASE 4 HLOS	APRIETE LOS TORNELOS DE RUECION DE NTE GIOVENTES
243 WHE UTILICE INTERVIEW BANELBOARD IS LIMITED TO THE LOWE	WIRE SIZE
CIPCI IT RATING OF THIS PAR ANY DEVICE INSTALLED EACEP IN	AVG RCALLCU LB-IN (N-M) LB-IN (N-M)
SHORT GIRCUIT RATING OF THIS PARE BOARD IS LIMITED TO THE LONG OUR OF THE INTERNUETING RATING OF ANY DEVICE INSTALLED DECEMPT OUR SERVES CONNECTED DATA OF COLUMN AND ATTACHED IN THE SERVES CONNECTED DATA OF CONTOCINCUITO (AMPS SML RMS 2 CMCS SYMMETRICAL AMPS 200 CONTO (AMPS SML RMS 2	



Pictures 6-8: D05 Capitol South – Emergency panel NM in Kiosk

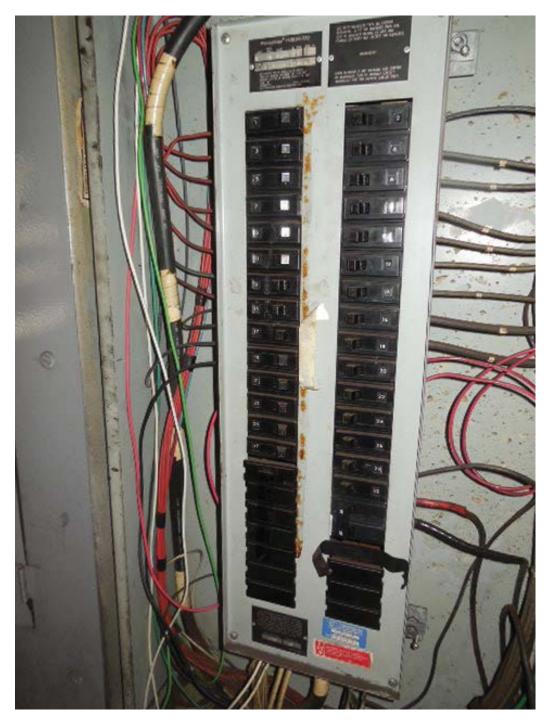








Picture 9: D05 Capitol South – AFC Panel F in room C201



Picture 10: D05 Capitol South – AFC Panel F in room C201

WESTINGHOUSE CIRCUIT DIRECTORY 2NE 2 NO E TOA 1 4 3 4 6 -33 ナ 5 11 8 -32 11 7 10 -9 12 30 11 14 L 13 Trans 16 15 FA 18 17 NEN 205 19 AT Machi 22 21 SMART CARD CARD Mech 24 23 SMART 25 26 24 27 -28 KAUSK LTS panel \$ 30 29 MME # 12,14 FF. 34 32 34 36 38 40

Picture 11: D05 Capitol South – AFC Panel F in room C201, panel schedule



Picture 12: D05 Capitol South – Panel ME in room C201



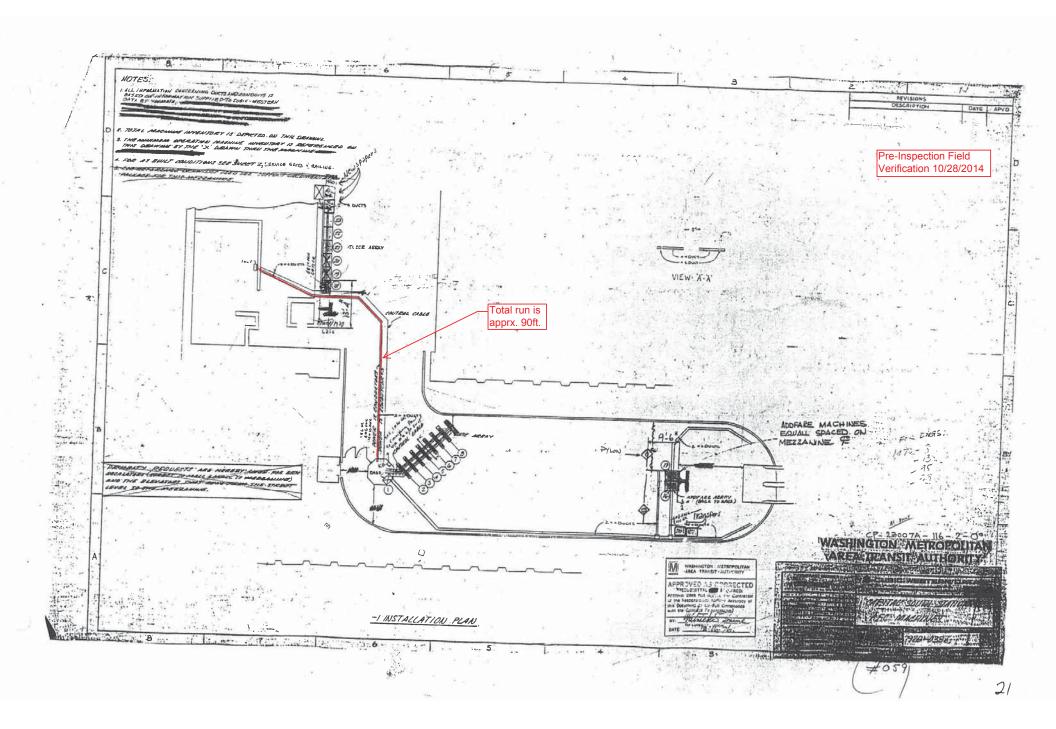
Picture 13: D05 Capitol South – Panel MPO in room C201

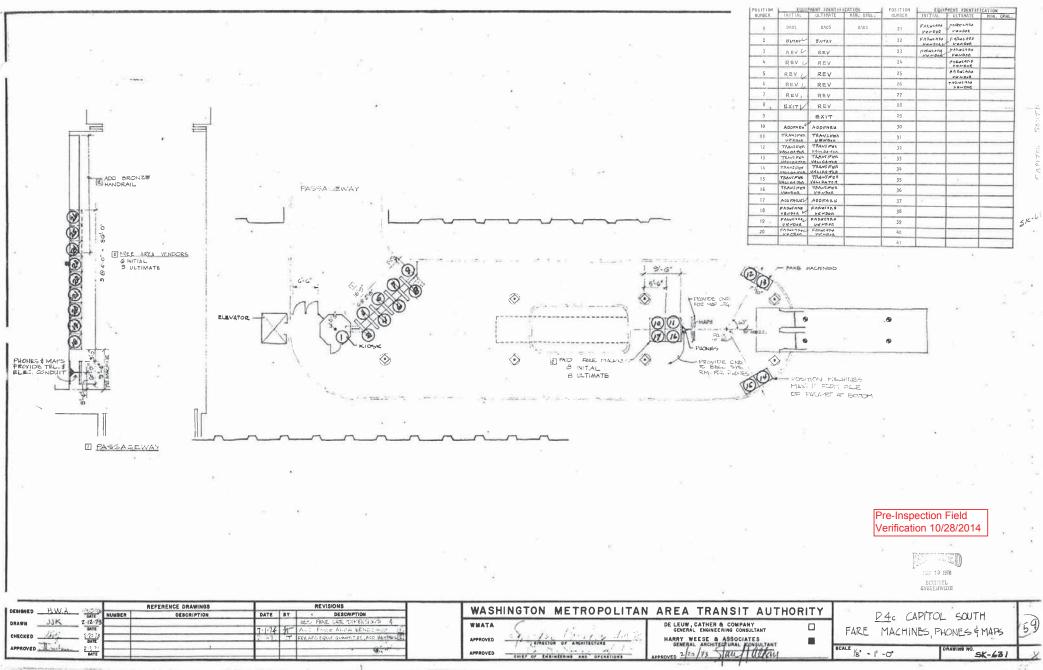


Pictures 14&15: D05 Capitol South – Common trough in room C201

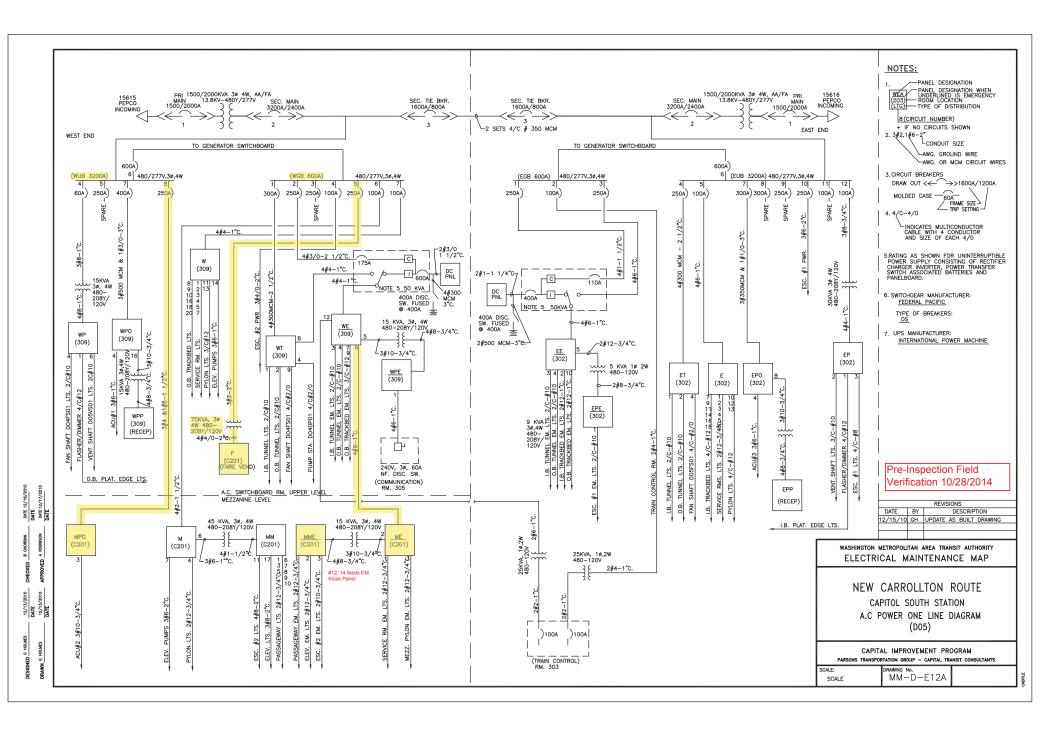


Picture 16: D05 Capitol South – SWBD circuit for D05-WGB-05 Panel F in room 309





			Pre-Inspection Field		EYIS		"F"	/		
			Verification 10/28/2014	AMPERES: 100		MOUNTING SURFA	· · · · · ·			
			Vernication 10/20/2014	MARS: 100A MLO	PHASE: 3	LOCATION: MECH.		ROOMC	:201 🌙	
				RATING 10K AIC	WIRE 4	SECTION 1 OF 1	_			
					OKT BKRS		CKTEKRS			
				LOAD DESCRIPTION	KVA AMP POLE		POLE AMP			_
				EXISTING VENDOR	0.8 20 1		1 20		EXISTING VENDOR	_
				EXISTING VENDOR	0.8 20 1	3 - B - 4 5 C 6	1 20			
				EXISTING VENDOR EXISTING VENDOR	0.8 20 1		1 20		EXISTING VENDOR	
				EXISTING VENDOR	0.8 20 1	9 - 8 - 10	1 20		EOSTING VENDOR	-
				EXISTING VENDOR	0.8 20 1	11 0 12	1 20			
				ENSTING VENDOR	08 20 1	13 A 14	1 20	0.8		
				EXISTING VENDOR	0.8 20 1	15 - 8 - 16	1 20			
				ERSTING VENDOR	0.8 20 1	17 - C 18				_
				EXISTING VENDOR	02 20 1	18 A - 20	1 20		EXISTING VENDOR EXISTING VENDOR	
				EXISTING VENDOR EXISTING VENDOR	0.8 20 1	21 - B - 22 23 C 24	1 20			EPP) 1 🗸
				SPARE	0.8 20 1	25 A - 26				18.2 🗸
				SPARE	0.0 20 1	27 - B - 28	1 20			
				SPACE	00	29 C 30	1 20		EXISTING VENDOR	
				SPACE	0.0	31 A 32	2 60			'KES'
				SPACE	0.0	33 - E - 34		2.5		
				SPACE	0.0	35 · · C 38			SFACE	
				SPACE	0.0	37 A 38	· ·	0.0	SPACE	
				SPACE SPACE	0.0	38 - B - 40 41 C 42	· ·		SPACE	
					S 1. CONNECT NEW FEEL					
					L	OAD SUMMA	RY			_
				LIGHTS	0.0 / 125			_	O.O. KVA	
				RECEPTACLES, FIRST 10 KVA	10.0 x 100				C.O KVA	
				RECEPTACLES	10,4 x 50%	ŧ.		:	52 KVA	
				MISC APPLIANCES	0.D x 100	04			O.O. KVA	
				LARGEST MOTOR	0.0 x 125				OD KNA	
				MOTORS	0.0 × 100				DD KVA	
				HEAT	20 x 125				25 KVA	
				AC	3.0 x 100 0.0 x 125				3.0 KVA 0.0 KVA	
				WATER HEATING	X 125		AND KVA		0.7 KVA	
				TOTAL COMPECTED LOAD	40.4 MM	TOTAL DEN			7.6 AMPS	
				CONNECTED LOAD PHASE SUMM	IARY		-			
				PHASE A.	9.3 KVA					
				PHASE B	8.9 KVA					
				PHASE C	7.2 KVA			_		
				NOTES: A EXISTING PANEL "F"	" IS FED FROM 277/48	KOV, 30, 4W EXISTING	SWBD. WGB	LOCATI	e in ac swed battery room	309,
			D05-WGB-05 (Breaker #5)	B. EXISTING WIRING FE * 1-3" C. TO 1 * 1-3/4" C. (V	D FROM TOP OF PANEL TRANSFORMER (WIRING F WIRING FILL >40%).	l By: Fill >40%).	DWG. NUM-D	-2129.		
				B. EXISTING WORING FE	D FROM TOP OF PANEL TRANSFORMER (WIRING F MIRING FILL >40%). TO FROM BOTTOM OF PA	l By: Fill >40%). Anel By:				
				B. EXISTING WORING FE	D FROM TOP OF PANEL TRANSFORMER (WIRING F WIRING FILL >40%).	l By: Fill >40%). Anel By:				
			(Breaker #5)	8. EXISTING WORING FE = 1-3* C. TO 1-3/4* C. (V EXISTING WORING FE * 8-1 1/2* C.	D FROM TOP OF PANEL TRANSFORMER (WIRING F WIRING FILL >40%). D FROM BOTTOM OF PM (2-EMPTY CONDUIT, 1-	L BY: FILL >40%). ANEL BY: -WIRING FILL >20%, T	5-WIRING FIL	L >40%)).	сонтласт но 14-FQ10060-CENI-24
убяснер <u>С МЮ — — — — — — — — — — — — — — — — — — </u>	REFERENCE DRAWINGS	REVISIONS DATE BY DESCRIPTION	(Breaker #5) WASHINGTON M	B. EXISTING WORKING FE 1-3'4" C. (10 1-3'4" C. (10 EXISTING WORKING FE 0-1-1/2" C. ETROPOLITAN ARE/A	D FROM TOP OF PANLE TRANSFORMER (WIRING F MINING FILL 2403). D FROM BOTTOM OF PA (2-EMPTY CONDUIT, 1-	BY: FILL >40%). ANEL BY: WIRING FILL >20%, . THORITY	5-WRING FIL	L >40%)). CTRONIC PAY F N METRORAIL S	CONTRACT NO 14-FQ10060-CENI-24 PROGRAM (NEPP TATIONS
RAWN <u>C. 1600</u> 00-14 DATE			(Breaker #5)	B. EXISTING WORKING FE 1-3" C. TO T 1-3" C. TO T 1-3" C. TO T EXISTING WORKING FE 0-1-1/2" C. ETROPOLITAN AREA INFRASTRUCTURE SERVICES	D FROM TOP OF PANLE TRANSFORMER (WIRING F MINING FILL 2403). D FROM BOTTOM OF PA (2-EMPTY CONDUIT, 1-	L BY: FILL >40%). ANEL BY: -WIRING FILL >20%, T	5-WRING FIL	L >40%)). CTRONIC PAY F N METRORAIL S CAPITOL SOL	CONTRACT NO 14-FQ10060-CENI-24 PROGRAM (NEPP TATIONS TH
DATE			(Breaker #5) WASHINGTON M DEPARTMENT OF TRANSIT	B. EXISTING WORKING FE 1-3" C. TO T 1-3" C. TO T 1-3" C. TO T EXISTING WORKING FE 0-1-1/2" C. ETROPOLITAN AREA INFRASTRUCTURE SERVICES	D FROM TOP OF PANLE TRANSFORMER (WIRING F MINING FILL 2403). D FROM BOTTOM OF PA (2-EMPTY CONDUIT, 1-	BY: FILL >40%). ANEL BY: WIRING FILL >20%, . THORITY	5-WRING FIL	L >40%) ELE). CTRONIC PAY F N METRORAIL S	TATIONS



			Pre	-Inspection Mezza	anine Walkthroug	h Check	dist
Date:	11/04/2014		Station Name: Easte	rn Market - D06	Mezzanine #: 060	Complete	ed By: Tino Sahoo
Check		Та	sk	Equ	ipment	Room ID	Notes
V	Verify that electrical power design matches the field/record. Identify locations of the electrical equipment.			Electrical Source Panel Name/Number: Source Breaker Name/Number: Electrical AFC Panel Name/Number:	MPB Breaker #23 Panel F	Rm C206 Rm C206 Rm C206	Fallel.
\checkmark	Verify if disconnect switch is connected to the AFC electrical power panel. Low or High voltage SMNT/POWR escorts requirements?			Disconnect Name/Number: SMNT/POWR escorts: HIG	GH and LOW Voltage		
V	Check if there is a shared raceway between AFC Panel and Kiosk and identify additional source panels to be de-energized.			Do AFC Panel loads feed into a raceway e.g. trench or trough? I specify source panels in notes.	NO		
	Identify the assumed pathway of duct / conduit, the location of the handholes, manholes and boxes and accessibility or special escort requirement?			PLNT COMM / IT RAIL CMNT Other Access/Support:	ELES		
	Identify handhole or manhole access requirement.			Required PLNT Mason for handhole/manhole access? Identified Conduit/Duct Transition to mezzanine level?	YES (see notes)		All conduit/ducts on mezzanine level.
Emerg	ency Power V	/erificatio	on				
Check		Та	sk	Equ	lipment	Room ID	Notes
√			panel is connected fer Switch (ATS).	ATS Name/Number:			
	Verification of Kiosk Emergency Panel(s) (KE, KES, KESS, etc)		nergency Panel(s)	Source Panel Name/Number: Source Breaker Name/Number Panel Name/Number:	MEP Breaker #9 & #11 Kiosk Emergency Panel	Rm C206 Rm C206 Kiosk	Panel EMG located in Kiosk, Breaker #9 de-energizes emergency power to faregates.
Notes	and Discrepa	incies:					
Sign C	Off		GFP Represe	entative		WM	ATA PRGM
Name:	Tine	o Sahoo					
Signat	ure: Ta	nmena.	Saher				
Date: 11/04/2014							



Picture 1: D06 Eastern Market – Manhole & handholes in Service Room

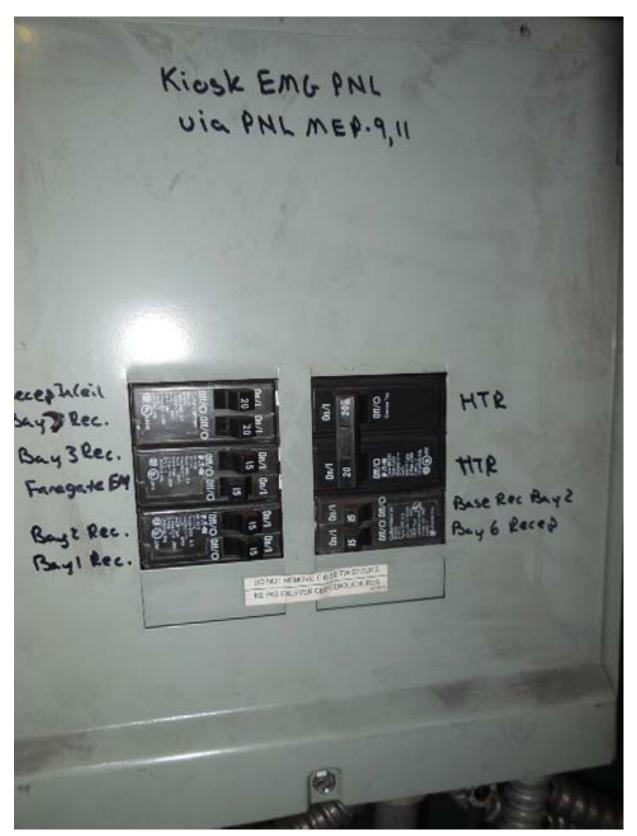
Kiosk Mech PNL via PNL'F' 25,27 ALL Air Handler Air Handler 0110 11/1 ALC O/III 16.11 15 Ed.Rec. BU/1 Base Rec Bay 6 LTS DO NOT READE THESE TAISTOUTS WE PROCH, SWALCES ODDOLCHONES

Picture 2: D06 Eastern Market – Emergency Panel in Kiosk

WEST CIRCUIT DIRECTORY Entrance Lights 2 Entrance Lights 4 3 Elev #1 Cab Lts. 6 Controls 5 Flow Passageway ev $_{\rm E1}$ S Lts. DAD) 10 CANOPY LIGHTS 12 Faregate CANOPY LIGHTS 14 14 13 5-16 15 CO 18 19 NEL 20 22

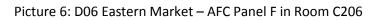
Picture 3: D06 Eastern Market – Emergency Panel in Kiosk – Panel schedule

Picture 4: D06 Eastern Market – Emergency Panel in Kiosk

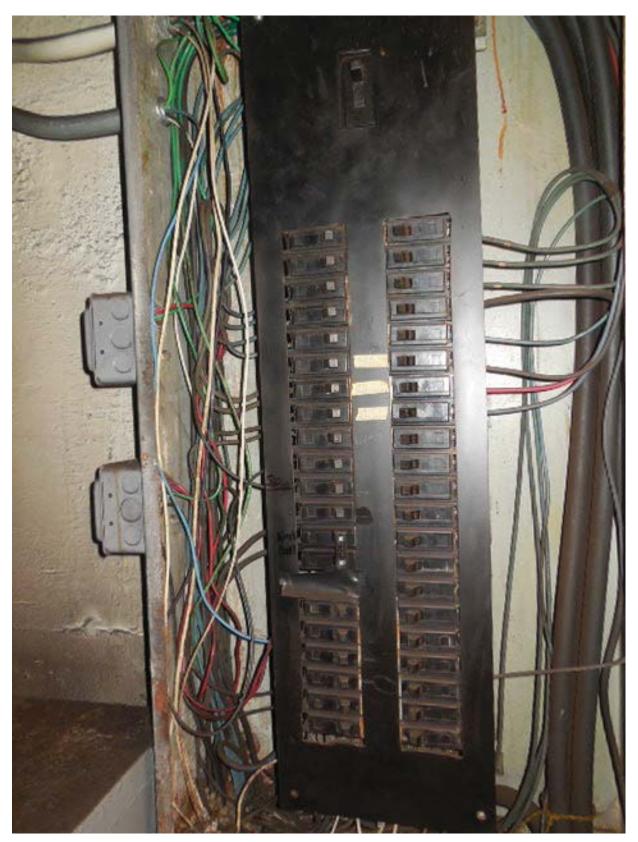


FARE Coll æ TATE 35 37 39 PIDS MEZZ SIGN 12.14 IB

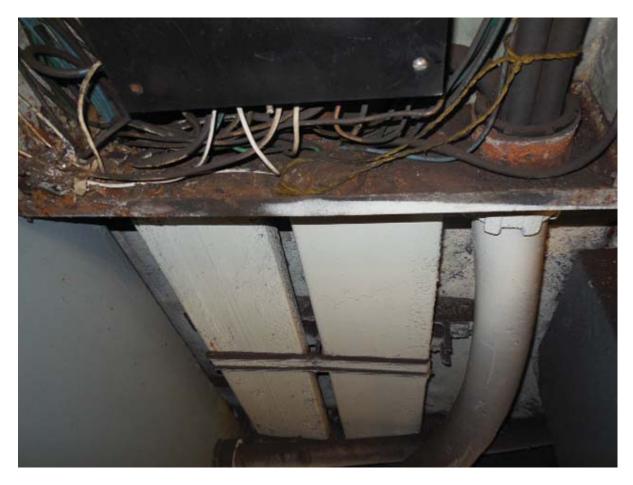
Picture 5: D06 Eastern Market – Emergency Panel in Kiosk – Panel schedule







Picture 7: D06 Eastern Market – AFC Panel F in Room C206



Picture 8: D06 Eastern Market – AFC Panel F in Room C206 – Ducts below Panel

PANEL "F 11 syl hade Branker 19-Comera TPM#1 = CIR#21DM#2=CIR#35 CKT # 25-27 - KLOSK PANEL

Picture 9: D06 Eastern Market – AFC Panel F in Room C206 – Panel schedule



Picture 10: D06 Eastern Market – Panel MPB in Room C206

WESTINGHOUSE MPB CIRCUIT DIRECTORY Pylon 1 2 Lts Mezz. 4 Tta 5 Mech. Equipt Rm. Lts 6 scalator Entrance 8 Escalator Entrance 10 Panels MPPE; ESA 11 12 Elev. #i del. Heaters or 60 C. 14 ELOW 119 -16 20 24 26

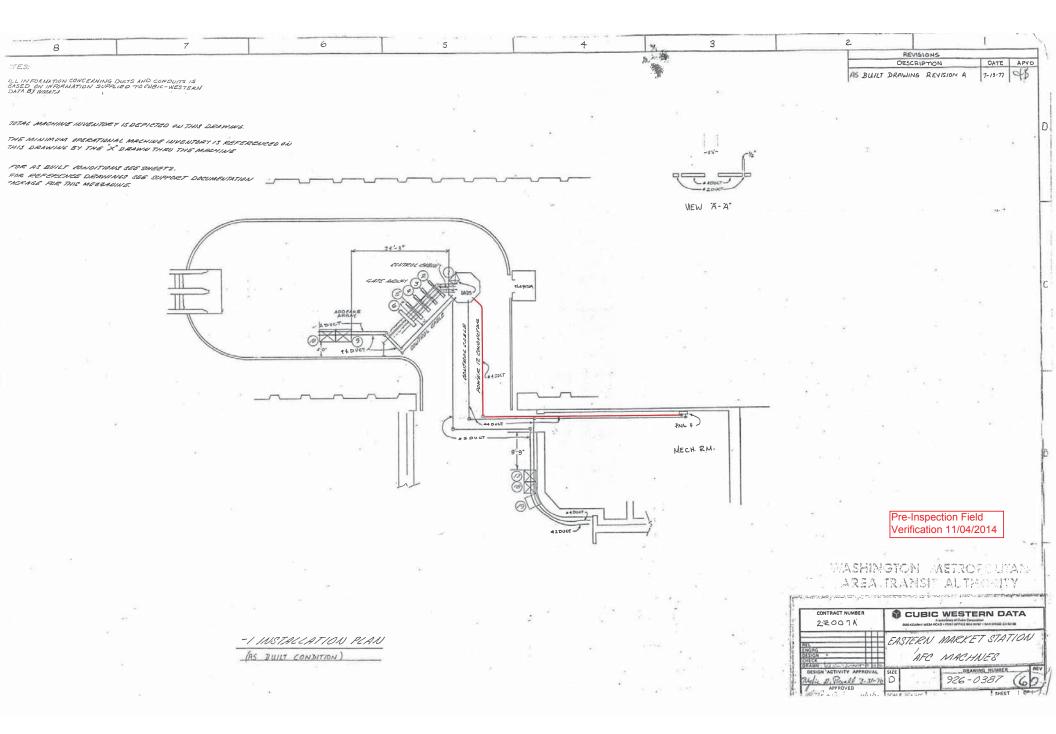
Picture 11: D06 Eastern Market – Panel MPB in Room C206 – Panel schedule



Picture 12: D06 Eastern Market – Panel MEP in Room C206



Picture 13: D06 Eastern Market – Panel MEP in Room C206 – Circuits 9 & 11



			Pre-Inspection Field	EXISTING PANEL "F" 🗸					
				AMPERES: 225	VOLTS: 120/208	MOUNTING SI			
			Verification 11/04/2014	MAINS: 225AMCB	PHASE: 3	LOCATION M	ECH EQUIPMENT R	OOM C206 🧹	
				RATING. 10KAIC	WIRE: 4	SECTION. 1 OI	F1		
					CKT BKRS	_	KT. CKT BKRS		
				LOAD DESCRIPTION	KVA AMP POL		NO. POLE AMP	KVA LOAD DESCRIF	PTION
				SPARE	0.0 20 1		2 1 20	0.8 EXISTING VENDOR	
				EXISTING VENDOR			4 1 20	08 EXISTING VENDOR	
				EXISTING VENDOR		5 - C		0.8 EXISTING VENDOR	
				EXISTING VENDOR	0.8 20 1			0.8 EXISTING VENDOR 0.8 EXISTING VENDOR	
				EXISTING VENDOR			10 1 20	0.8 EXISTING VENDOR	
				EXIST ING VENDOR		11 C		0.8 EXISTING VENDOR	
				EXISTING VENDOR			14 1 20 16 1 20	0.8 EXISTING VENDOR	
				EXISTING VENDOR			18 1 20	0.8 NEW KIOSK RECEPT.	(IT & NEPP) 1
				EXISTING VENDOR EXISTING VENDOR	0.8 20 1		20 1 20	0.0 SPARE (KIOSK)	18.2
				EXISTING VENDOR	08 20 1		22 1 20	0.0 SPARE	
				SPARE	00 20 1		24 1 20	0.0 SPARE	
				EXIST. KIOSK LOAD CENTER KE			26 1 20	0.0 SPARE	
				LANT. NOOR LOND OLATER RE	25		28 1 20	0.0 SPARE	
				SPACE	0.0		30 1 20	0.0 SPARE	
				EXISTING VENDOR	0.8 20 1		32 1 20	0.0 SPARE	
				EXISTING VENDOR	0.8 20 1		34 1 20	00 SPARE	
				EXISTING VENDOR			36 1 20	0.0 SPARE	
				SPARE			38 1 20	0.8 EXISTING VENDOR	
				EXIST ING VENDOR			40 1 20		
				EXISTING VENDOR			42 1 20	0.0 SPARE	
				NOT	ES. 1. CONNECT NEW FEE	DER TO EXISTING	SPARE 20A, 1P CB		
				LIGHTS	0 0 x 125	OAD SUM		0.0 KVA	
				RECEPTACLES, FIRST 10 KVA	10.0 x 100			10.0 KVA	
				RECEPTACLES	9 6 x 50	%		4.8 KVA	
				MISC. APPLIANCES	0.0 x 100			0.0 KVA	
				LARGEST MOTOR	0 0 x 125	5%		0.0 KVA	
				MOTORS	0.0 x 100	0%		0 0 KVA	
				HEAT	2 0 x 12	5%		2.5 KVA	
				AC	3 0 x 10			3.0 KVA	l
				WATER HEATING	0.0 x 12			0 0 KVA	
				TOTAL CONNECTED LOAD	24,6 KVA		DEMAND KVA	20.3 KVA	
						TOTAL	DEMAND AMPS	56.4 AMPS	
				CONNECTED LOAD PHASE SUM					1
				PHASE A	9.3 KVA				
				PHASE B:	9.7 KVA				
				PHASE C:	5.6 KVA				
				NOTES; A. EXISTING PANEL	"F" IS FED FROM 277/4	80V. 30, 4W EXIS	TING PANEL "MPB"	LOCATE IN MECH. EQUIPMENT	ROOM C206,
				CIRCUIT 23-10	0A/3P VIA 75KVA TRANSI	Former (SEE ATTA	CHED DWG. MM-D-	-E14).	
				B. EXISTING WIRING	FED FROM TOP OF PANE	el BY:			
					"x 1 1/2" FLOOR DUCT 0 TRANSFORMER (WIRING		s).		
					FED FROM LEFT SIDE OF				
				* 2-3/4" C.	(WIRING FILL >40%).				CONTRACT NO.
								MOTO 0110 511	14-FQ100
	REFERENCE DRAWINGS	REVISIONS	WASHINGTON	METROPOLITAN ARE	A TRANSIT AUT	THORITY	NEW EI	LECTRONIC PAY	PROGRAM
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