	Pre-Inspection Mezzanine Walkthrough Checklist													
Date: (09/30/2014	4	Station Name: E	E02 Shaw-Howard U (S) Mezzanine # 071						Completed By: Tino Sahoo				
Check		Та	sk		Equipmen	t Room ID				Notes				
N	Verify ele matches Identify lo electrical	the field/	of the	Electrical Source Panel Na Source Breaker Name/Nur Electrical AFC Panel Name	mber:	Essenti "PANEI SF			220	AC Switchboard room is located on platform level, Track 2 wayside.				
V	power par	d to the A nel? Low	ect switch NFC electrical or High voltage orts required?	Disconnect Name/Numbe SMNT/POWR escorts:	^{r:} N/A HIGH Volt	age				Kiosk Emergency Panel is Panel SKE (Kiosk). Source Panel is Panel SMEP (Rm. 208) and circuit #6.				
V	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	ıgh? If Yes,	NO								
V	duct, the l manholes	location of and box lity or spe	ed pathway of the of the handholes, kes and ecial escort	PLNT COMM RAIL CMNT Other Access/Support:	и/IT 🔲 - 🗌	ELES	3 🗌							
2	Identify ha requireme		r manhole access	Required PLNT Support for handhole/manhole access Identified Conduit/Duct Transition to mezzanine le	ed Conduit/Duct VES					Access to multiple handholes are required.				
Emerg	ency Pow	er Verific	cation											
Check				Task		YES	NO	NA		Comments				
V		panel is	s connected to a	to the existing schematic A Automatic Transfer Swit				V						
Notes	and Discr	epancies	5:											
Sign C	Off		GFP	Representative		WMATA PRGM								
Name:		Tino Sa	lhoo											
Signat	ture:	Jaam	una Schoo											
Date:		9/30/14												

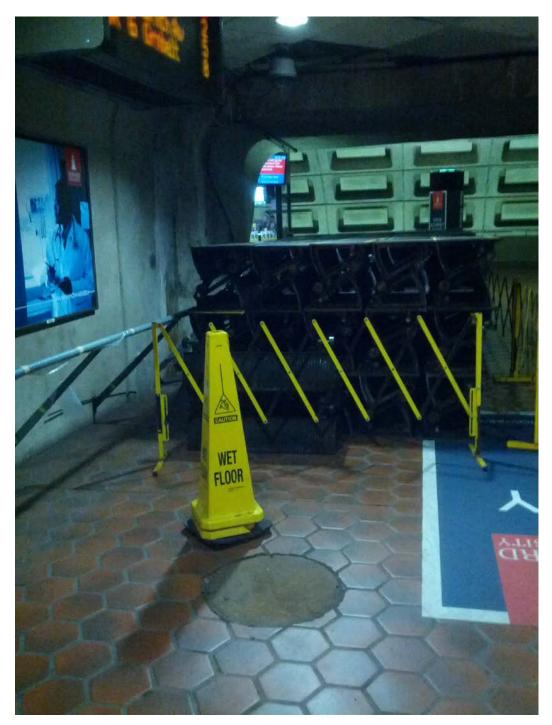


Photo #1: E02 Shaw-Howard U (North) – Handhole in mezzanine floor



Photo #2: E02 Shaw-Howard U (North) – Pullbox and top of panel NF in room 205

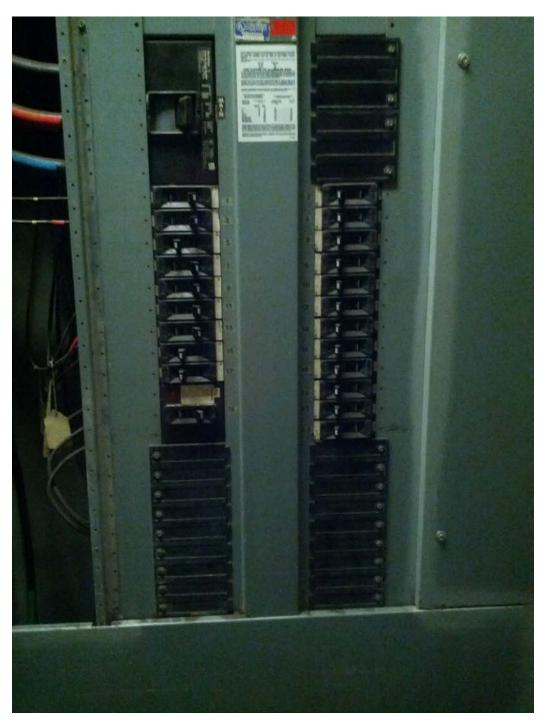


Photo #3: E02 Shaw-Howard U (North) – Panel NF in room 205

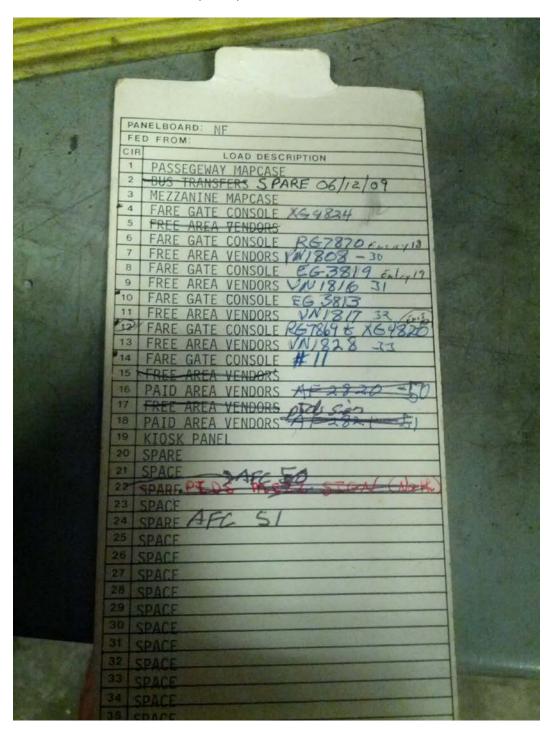


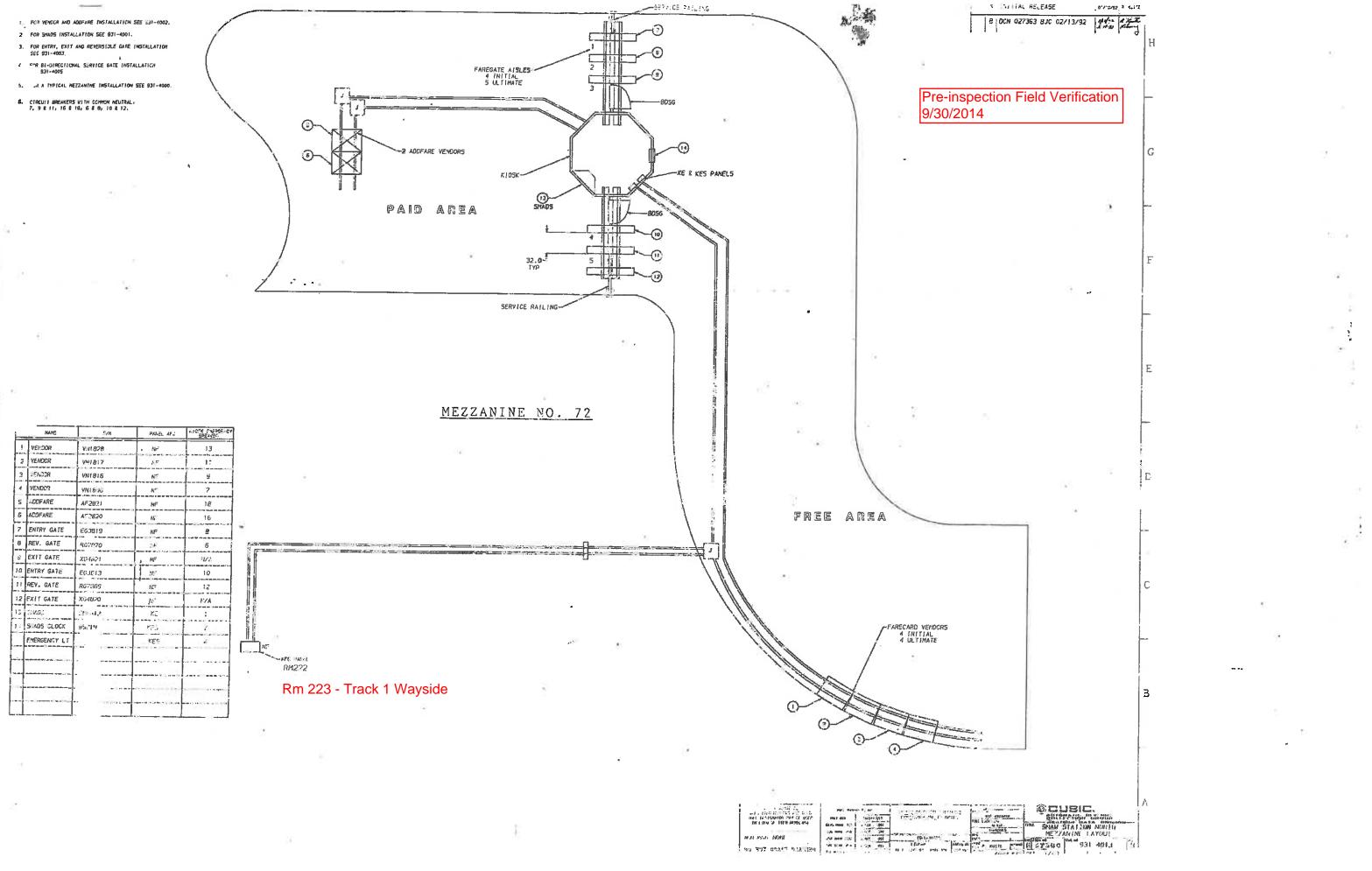
Photo #4: E02 Shaw-Howard U (North) – Schedule Panel NF in room 205

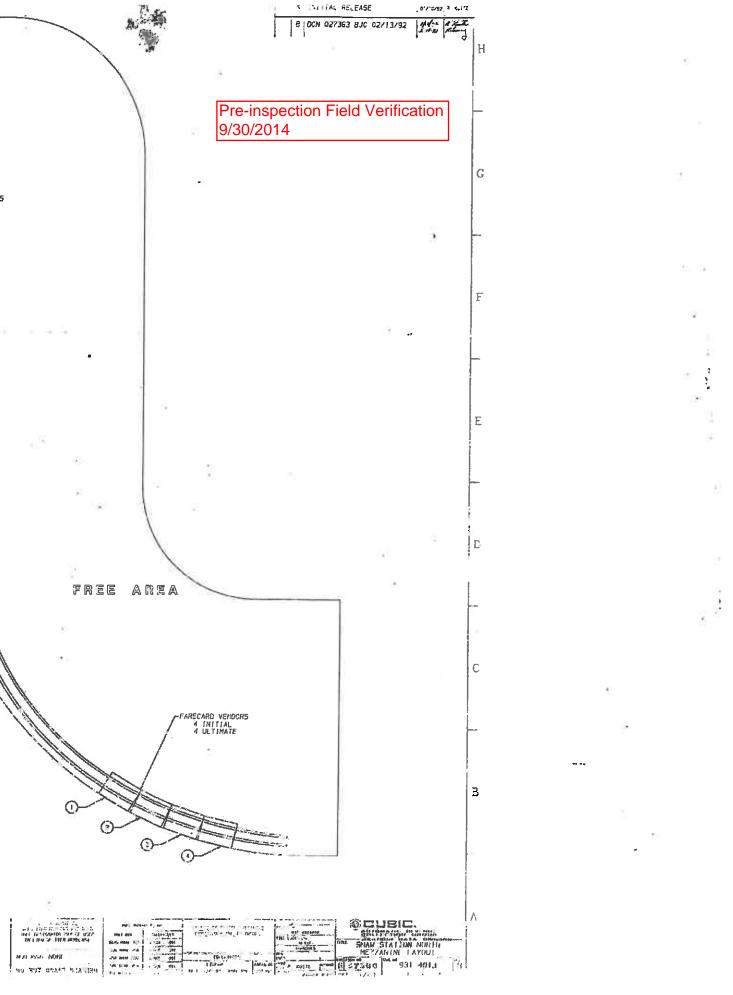


Photo #5: E02 Shaw-Howard U (North) – SWBD breaker for Panel NF in room 223



Photo #6: E02 Shaw-Howard U (North) – SWBD breaker for Panel NF in room 223



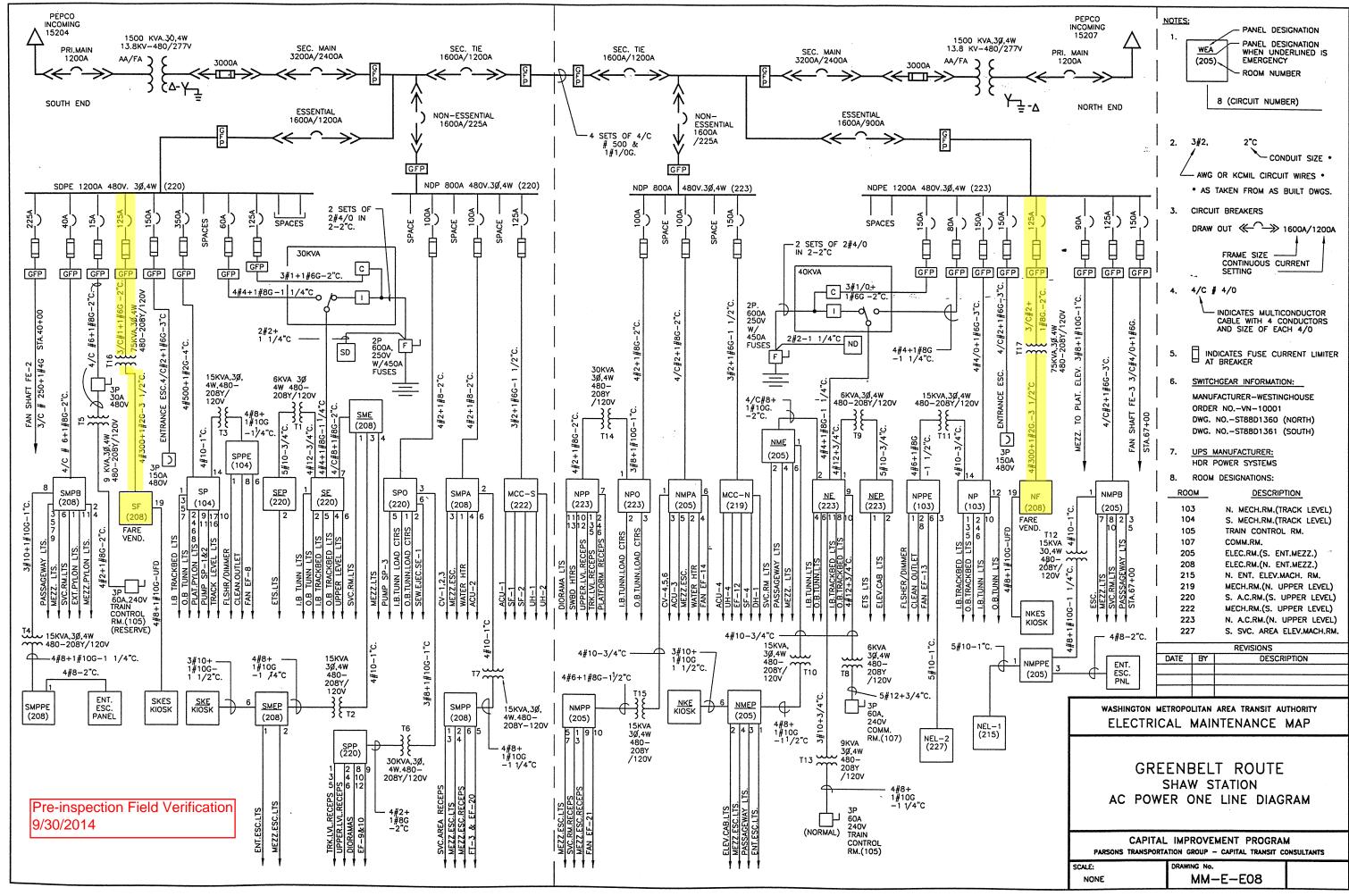


Pre-inspection Field Verification 9/30/2014

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E	XIST ING \	ENDOR	08	20	1	-11	C	12	1	20	6.0	EXISTING VENDOR
E	XIST ING V	ENDOR	08	20	1	13	Α	14	1	20	0.8	EXISTING VENDOR
18.2 5	PARE (KI	OSK)	0.0	20	1	15	· B ·	16	1	20	08	EXISTING VENDOR
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Ë					<u> </u>	<u> </u>						EXISTING VENDOR
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			REFERENCE DRAWINGS			REVISIONS	WASHINGTON METROPOLITAN	N AREA TRANSIT AUTHORI			
DESIGNED	8-14	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION					
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D	DATE						APPROVED	SUBMITTED	PROJECT MANAGER	_	

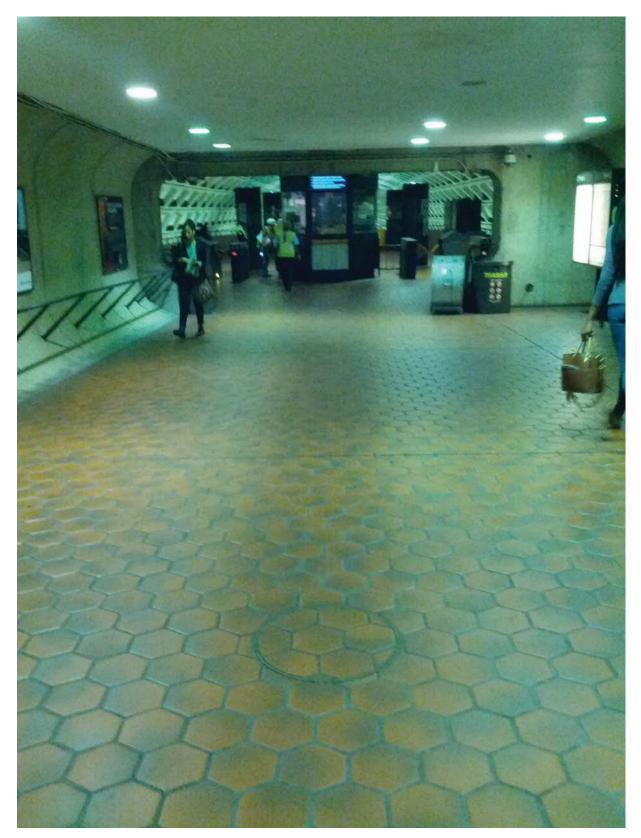


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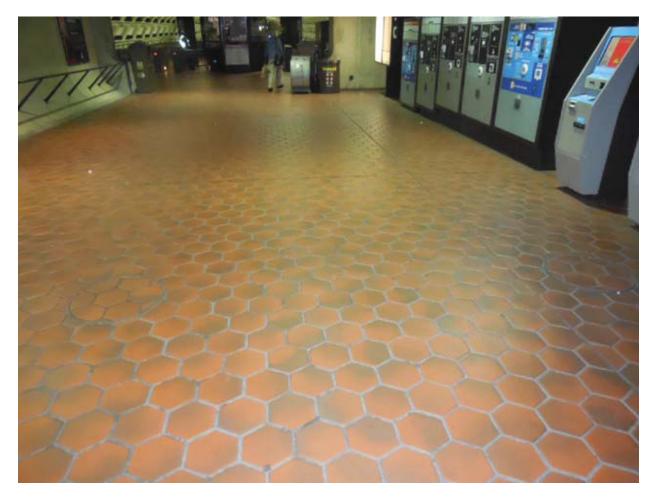
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			Pre	-Inspection Mezza	anine Walkthrough	Check	dist
Date:	09/30/2014		Station Name: U Str	eet - East - E03	Mezzanine #: 073	Complete	ed By: Tino Sahoo
Check		Та	sk	Equ	lipment	Room ID	Notes
		cord. Identif	ower design matches y locations of the	Electrical Source Panel Name/Number: Source Breaker Name/Number: Electrical AFC Panel Name/Number:	SWBD East / Essential SWBD XFMR Panel EF (Circuit #7) EF	Rm 109 Rm 109 Rm 213	AC SWBD Rm 109 is located on Platform level, wayside of Track 2.
V	AFC electri	ical power p	tch is connected to the anel. Low or High escorts requirements?	Disconnect Name/Number: N/A SMNT/POWR escorts: HIG	A GH Voltage		
V	AFC Panel		red raceway between and identify additional -energized.	Do AFC Panel loads feed into a raceway e.g. trench or trough? specify source panels in notes.			
	conduit, the manholes a	e location of	athway of duct / the handholes, nd accessibility or nent?	PLNT 🗹 COMM / IT RAIL 🗌 CMNT Other Access/Support:			
	Identify har requiremen		anhole access	Required PLNT Mason for handhole/manhole access? Identified Conduit/Duct Transition to mezzanine level?	YES (see notes) YES		All conduits/ducts are on mezzanine level.
Emerg	ency Powe	r Verificatio	on				
Check		Та	sk	Equ	lipment	Room ID	Notes
V			l panel is connected fer Switch (ATS).	ATS Name/Number:			
				Source Panel Name/Number:	Panel EEA	Rm 109	
\checkmark	Verification (KE, KES,		mergency Panel(s)	Source Breaker Name/Number	: Circuit #9	Rm 109	
				Panel Name/Number:	Panel EKE	Kiosk	
Notes	and Discre	pancies: ^K (F	iosk panel on right har Panel is not labeled)	nd side in Kiosk (breaker #4) de	e-energizes emergency power to a	all faregates	S.
Sign C	Off		GFP Represe	entative		WM	ATA PRGM
Name	: T	⊺ino Sahoo					
Signat	ture:	Tarmena	Daheo				
Date: 09/30/2014							



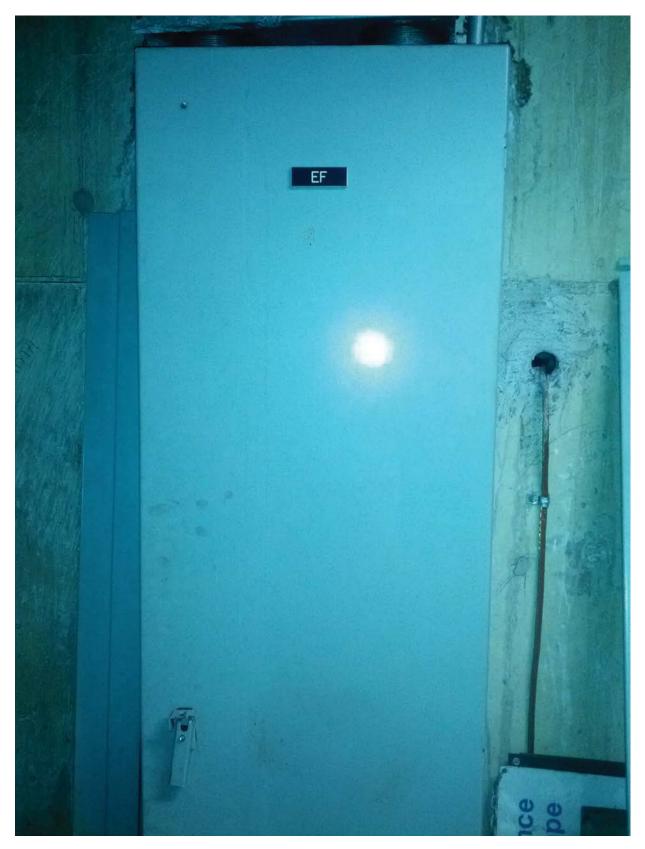
Picture 1: E03 U Street East – Mezzanine manhole

Picture 2: E03 U Street East – Mezzanine manhole





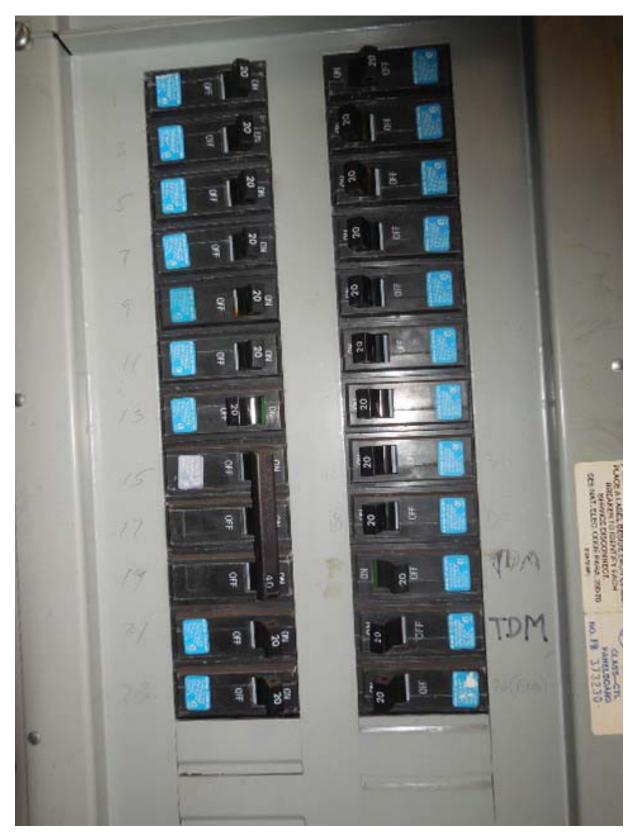
Picture 3: E03 U Street East – AFC Panel in Room 213



Picture 4: E03 U Street East – AFC Panel in Room 213



Picture 5: E03 U Street East – AFC Panel in Room 213



Picture 6: E03 U Street East – AFC Panel in Room 213

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and the second		
the state of the state of		
AND IN CONTRACT OF A	Ence Avec Very	
2	Bus Transfer	
3		
4	Free Area Vendors VN 1865 Fare Gate Console # EG 3811	
2 5	Free Area Vendors VX 1867	
6	Fare Gate Console RATERO	
7	Free Area Vendor (FUT) VN 1872	
8	Fare Gate Console	
9	Free Area Vendor (FUT) VN 18 63	
11	Fare Gate Console Eg 3823 Free Area Vendor (FUT)	
12	Fare Gate Console (FUT) RG7875	and the second second second
13	Free Area Vendor (FUT)	
14	Fare Gate Console (FUT)	
15	Kiosk Panel (NIC)	
<u>— 16</u> 17	Paid Area Vendors AF2831	
18	Kiosk Panel (NIC) Paid Area Vendors AF2832	
	Kiosk Panel (NIC)	
20	State and the	
, 21	Gateway Mancase Sparce (NEW) TDM	
22	SPATE (NEW) TDM	
: 23	Mezanine Mapcase	
<u>-24</u> 25	Space PIDS MEZZ Sign	That Have a HAC The
25		
27		
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29		A CONTRACTOR OF THE OWNER OF THE
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A CONTRACTOR OF A DESCRIPTION OF A DESCRIPANTE A DESCRIPANTE A DESCRIPANTE A DESCRIPTION OF A DESCRIPTION OF	PANEL: EF (Essential)	640.63 C
	CIRCUIT DIRECTORY	
	CINCULT DIRECTORY	

Picture 7: E03 U Street East – AFC Panel schedule in Room 213

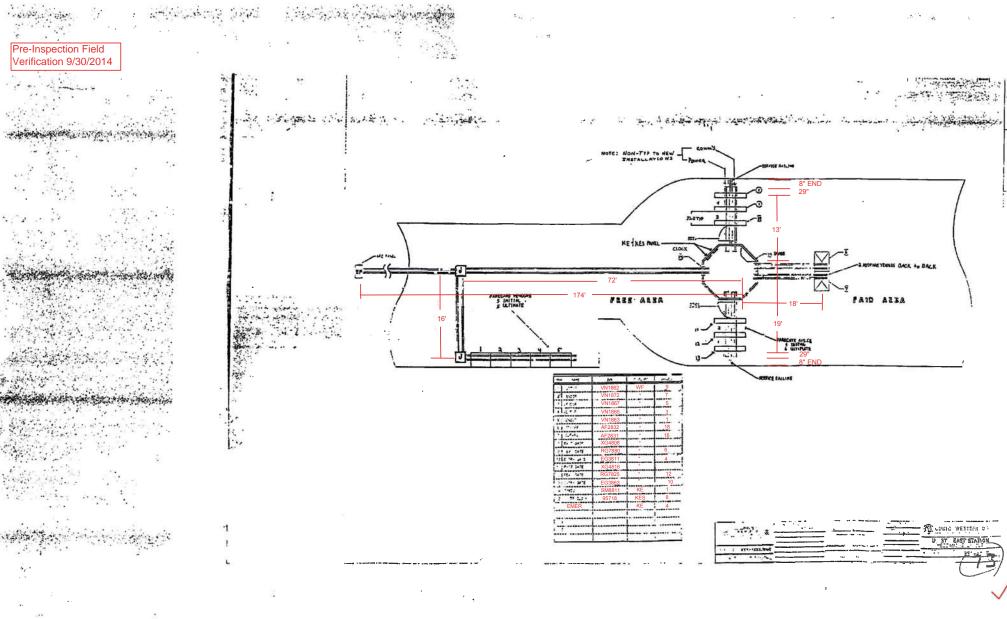
and the second	
	a har that he is a
1	Free Area Vend 201863
2	Bus Transfer
1 3	Free Area Vendors 1201865
4	Fare Gate Console REEC 3811
5	Fare Gate Console REEC 3811 Free Area Vendors VX 1867
6	Fare Gate Console R67880
- 7	Free Area Vendor (FUT) UN 1872
. 8	Fare Gate Console
9	Free Area Vendor (FUT) VN 18 42
10	Envis Cata Caral
11	
12	Fare Gate Console (FUT) RE7875
13	Free Area Vendor (FUT)
14	Fare Gate Console (FUT)
. 15	Kiosk Panel (NIC)
16	Paid Area Vendors AFRARI
	NIOSK Panel (NIC)
18	Edid Bros Veril
20	
. 21	
22	
23	Mezanine Manos
24	SPARE PTOS WAR
_25	THE ZZ SIGN
- 20	
28	
25	
1/2 30	
31	

Picture 8: E03 U Street East – AFC Panel schedule in Room 213

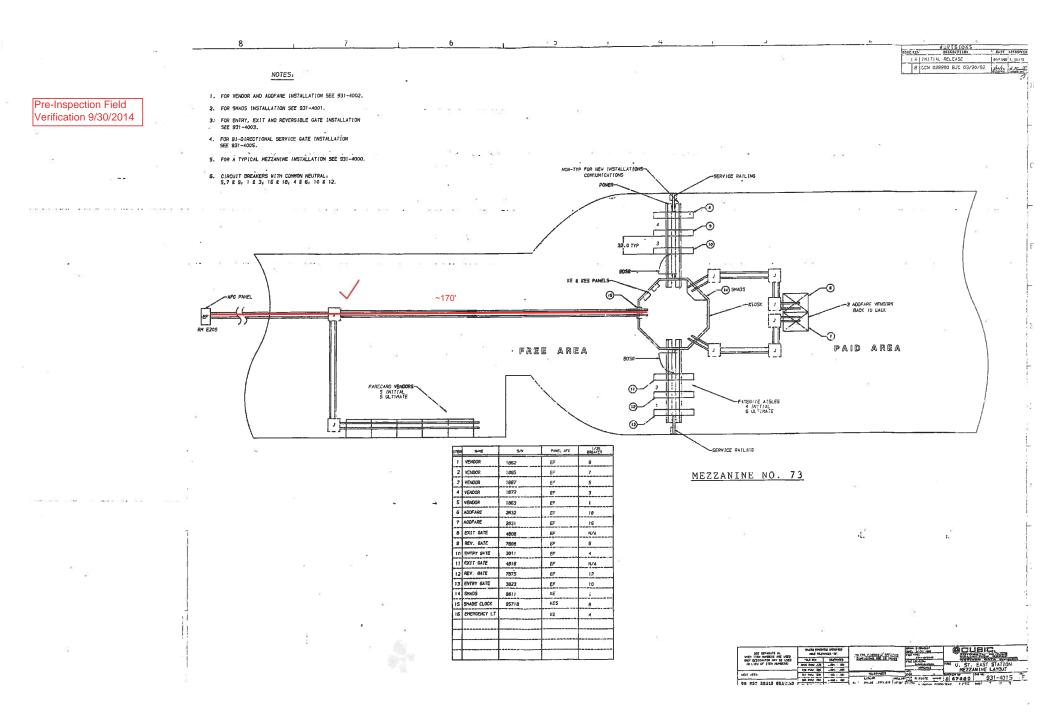


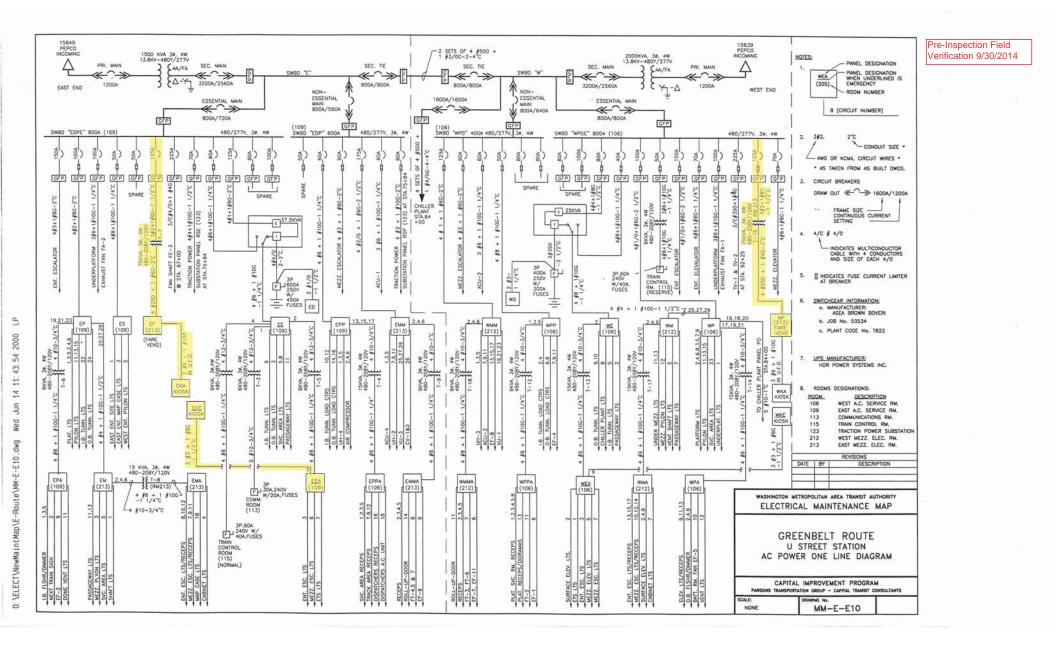
Picture 9: E03 U Street East - Essential SWBD Transformer in Room 109

	FXI	STING PANEL "EF"					F	XISTING	G PANE	EL "V	/F"		7
AMPERES: 400	VOLTS. 120/208	MOUNTING: SURFACE	~		AMPERES 400	VOLTS	120/208		TING: SU				
MAINS: 250AMCB	PHASE: 3	LOCATION: ELECTRICAL EQ	JIPMENT ROO	M 213	MAINS: 250A MCB	PHASE					L EQUIPME	NT ROOM 212	
RATING: 10K AIC	WIRE: 4	SECTION 1 OF 1			RATING. 10K AIC	WRE.	4	SECT	ION 1 OF	1			
	CKT BKRS						CKT B	KRS CKT	C	α c	KT BKRS		
LOAD DESCRIPTION	KVA AMP PO			LOAD DESCRIPTION	LOAD DESCRIPTION			POLE NO	N N	0 POL	E AMP	KVA LOAD DESC	RIPTION
EXISTING VENDOR	0.8 20 1			SPARE (KIOSK)	1&2 J EXIST ING VENDOR	0.8		1 1	A · ·	2 1		0.0 SPARE	
EXISTING VENDOR	0.8 20 1		20 0.8	EXISTING VENDOR	EXIST ING VENDOR	08		1 3		4 1		0.8 EXIST ING VENDOR	
EXISTING VENDOR	0.8 20 1			EXISTING VENDOR	EXIST ING VENDOR	0.8		1 5		6 1		0.8 EXIST ING VENDOR	
EXISTING VENDOR EXISTING VENDOR	0.8 20 1		20 0.8 20 0.8	EXISTING VENDOR EXISTING VENDOR	EXISTING VENDOR	80	20	· · · ·		8 1		0.8 EXIST ING VENDOR	
EXISTING VENDOR	0.8 20 1			EXISTING VENDOR	EXISTING VENDOR	80				0 1		0.8 EXISTING VENDOR	
1 NEW KIOSK RECEPT. (IT & N				EXISTING VENDOR	EXISTING VENDOR SPARE	0.8		1 11		2 1	20 20	0.8 EXISTING VENDOR 0.0 SPARE	
EXISTING LOAD CENTER "KE				EXIST ING VENDOR	EXISTING LOAD CENTER *			3 15		6 1	_	0.8 EXIST ING VENDOR	,
	25			EXISTING VENDOR	EXISTING LOAD CENTER F	25		· 17		8 1		0.8 EXISTING VENDOR	
	2.5	19 A - 20 1	20 0.0	SPARE		25			1	20 1		0.8 NEW KIOSK RECEI	
EXISTING VENDOR	0.0 20 1	21 · B · 22 1	20 0.8	EXIST ING VENDOR	EXISTING VENDOR	08		1 21		2 1		0.0 SPARE (KIOSK)	
EXIST ING VENDOR	0.0 20 1		20 0.8	EXIST ING VENDOR	EXIST ING VENDOR	0.8		1 23		4 1	20	0.8 EXIST ING VENDOR	2
SPACE	0.0		20 0.0	SPACE	SPACE	00		- 25	À · · 2	26 -	·	0.0 SPACE	
SPACE	0.0		20 0.0	SPACE	SPACE	00	-	· 27	· B · 2	28 -	•	0.0 SPACE	-
SPACE	0.0 .		20 0.0	SPACE	SPACE	00		· 29		30 -	•	0.0 SPACE	
SPACE	0.0		20 00	SPACE	SPACE	00				32 -	-	0.0 SPACE	
SPACE	0.0		20 00	SPACE	SPACE	0.0	_			34 -	•	0.0 SPACE	
SPACE	00			SPACE	SPACE	00		- 35		36 -	· ·	0.0 SPACE	
SPACE	00			SPACE	SPACE	0.0	<u> </u>			8 .	· ·	0.0 SPACE	
SPACE	0.0			SPACE	SPACE	0.0				10 -		0.0 SPACE	
	00	43 A 44 1		·	SPACE	0.0 NOTES 1. CON					- IA 18 CB	0.0 SPACE	
N	TES 1. CONNECT NEW FE 2. CB TO BE RESERV	EDER TO EXISTING SPARE 20A, 1P						ERVED FOR I			n, ir 60		
		OAD SUMMARY			LIGHTS		0.0	LOAD x 125%	SUMN	IARY		0.0 KVA	
LIGHTS	0.0 x 12			KVA	RECEPTACLES, FIRST 10 K	(VA		x 100%				10.0 KVA	
RECEPTACLES, FIRST 10 KVA RECEPTACLES	10.0 x 10 4 4 x 50			KVA KVA	RECEPTACLES			x 50%				2.2 KVA	
RECEPT ACLES MISC. APPLIANCES	44 × 50 00 × 10			r kva I KVA	MISC. APPLIANCES			x 100%				0.0 KVA	
LARGEST MOTOR	00 x 10			i KVA	LARGEST MOTOR			x 125%				0.0 KVA	
MOTORS	00 x 12			i KVA	MOTORS			x 100%				0 0 KVA	
HEAT	30 × 12			KVA	HEAT		30	x 125%				38 KVA	
AC	45 x 10			KVA	AC		4 5	x 100%				4 5 KVA	
WATER HEAT ING	00 × 12			KVA	WATER HEATING			x 125%				0.0 KVA	
TOTAL CONNECTED LOAD	21.9 KVA		20.5	KVA	TOTAL CONNECTED LOAD	D	21.9	KVA		DEMANC		20.5 KVA	
		TOTAL DEMAND AMP	S 56.8	AMPS					TOTAL	DEMANE	AMPS	56.8 AMPS	
CONNECTED LOAD PHASE S				Essential SW	CONNECTED LOAD PHASE	ESUMMARY		10.0					
PHASE A:	6.5 KVA							KVA KVA					
PHASE B PHASE C	8.1 KVA 7.3 KVA			Track 2 Ways	Ide Phase B. Phase C			KVA					
NOTES: A. EXISTING PANE	EF IS FED FROM 277/	480V, 3¢, 4W EXISTING SWITCHE ORMER (SEE ATTACHED DWG. MM	GARD "SWBD	EAST LOCATED IN AC SWED.	NOTES: A. EXISTING P	anel "WF" is f 3-125/3P via	FED FROM	277/480V,	30, 4W EX	STING S	WITCHBOAR	D "SWBD WEST" LOCATED	IN AC SWED.
	FED FROM LEFT SIDE O		L-L10).			IRING FED FRO							
P) * 1-3* C.	TO TRANSFORMER (WIRING	FILL >40%).	11_9+	reet East	* 1-4*	C. TO TRANSF	ORMER (W	iring fill >					
EXISTING WIRIN	FED FROM TOP OF PAN					RING FED FRO							
	(WIRING FILL >30%). C. (WIRING FILL >40%).			nspection Field		/4" C. (WIRING 1RING FED FRO			ETY:				
- 1- 3/4	5. (minuto ritt. 2404).		Verif	ication 9/30/2014		C. (1-EMPTY				٤).			
	ENCE DRAWINGS		/ISIONS		WASHINGTON METROPOLITAN	I AREA T	RANS	T AUTH	ORITY	,	INEW	ELECTRONIC	
	DESCRIPTION	DATE BY	DESCRIPTION		DEPARTMENT OF TRANSIT INFRASTRUCTURE		S	ansett Fl				IN METRO	
DATE NUMBER					DEPARTMENT OF TRANSIT INFRASTRUCTURE		 ^	eosett fl	*********	1 3 9 6 3		U STREET	EAST &
08-14 DATE					AND ENGINEERING SERVICES		- I O	INT V	ENTU	JRE			
DATE NOMBER 08-14 DATE NOMBER 08-14 DATE					AND ENGINEERING SERVICES OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM		010	INTV	ENTU	JRE	SCALE		

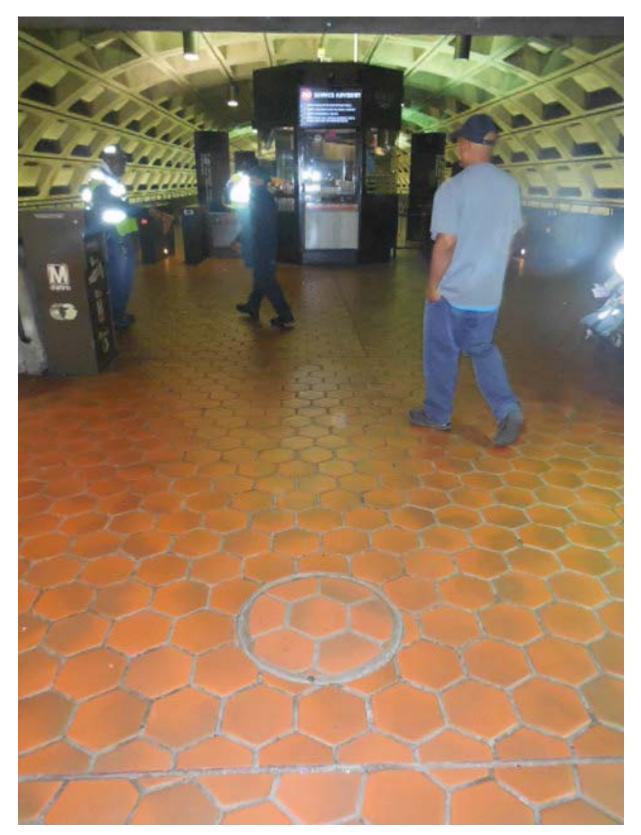


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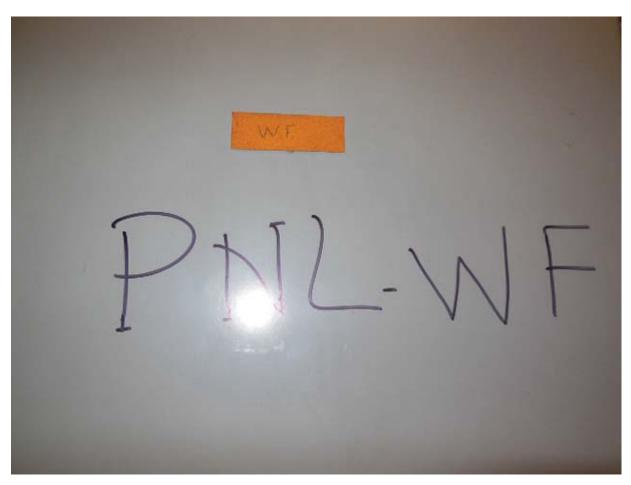




			Pre	-Inspection Mezz	anine Walkthrough	Check	dist
Date:	09/30/2014		Station Name: U Str	eet - West - E03	Mezzanine #: 074	Complete	ed By: Tino Sahoo
Check		Та	sk	Equ	lipment	Room ID	Notes
V		cord. Identif	ower design matches y locations of the	Electrical Source Panel Name/Number: Source Breaker Name/Number: Electrical AFC Panel Name/Number:	SWBD West / Essential SWBD SWBD Panel WF (Circuit #3) WF	Rm 106 Rm 106 Rm 212	AC SWBD Rm 106 is located on Platform level, wayside of Track 1.
V	AFC electr	ical power p	tch is connected to the anel. Low or High escorts requirements?	Disconnect Name/Number: N/A	GH Voltage		
✓	AFC Panel		red raceway between and identify additional -energized.	Do AFC Panel loads feed into a raceway e.g. trench or trough? specify source panels in notes.			
	conduit, the manholes a	e location of	athway of duct / the handholes, nd accessibility or nent?	PLNT 🔽 COMM / IT RAIL 🗌 CMNT Other Access/Support: AFC			Run could be problematic. (100+ ft) Very long run from AFC Panel WF to Kiosk with intermediate manhole. Water in room adjacent to AFC Panel.
	Identify hai requiremer		anhole access	Required PLNT Mason for handhole/manhole access? Identified Conduit/Duct Transition to mezzanine level?	YES (see notes) YES		All conduits/ducts are on mezzanine level.
Emerg	ency Powe	er Verification	on			_	-
Check		Та	sk	Equ	lipment	Room ID	Notes
V			l panel is connected fer Switch (ATS).	ATS Name/Number:			
				Source Panel Name/Number:	Panel WEA	Rm 106	
	Verification of Kiosk Emergency Panel(s) (KE, KES, KESS, etc)			Source Breaker Name/Number	Circuit #9	Rm 106	
				Panel Name/Number:	Panel WKE	Kiosk	
Notes	and Discre	epancies: P	anel 2 in Kiosk (break	er #4) de-energizes emergency	power to faregates.		
Sign C	Dff		GFP Represe	entative		WM	ATA PRGM
Name	:	Tino Sahoo					
Signat	ture:	tannena	Saheo				
Date: 09/30/2014							



Picture 1: E03 U Street West – Intermediate manhole in mezzanine



Picture 2: E03 U Street West - AFC Panel WF in Room 212



Picture 3: E03 U Street West - AFC Panel WF in Room 212



Picture 4: E03 U Street West - AFC Panel WF in Room 212



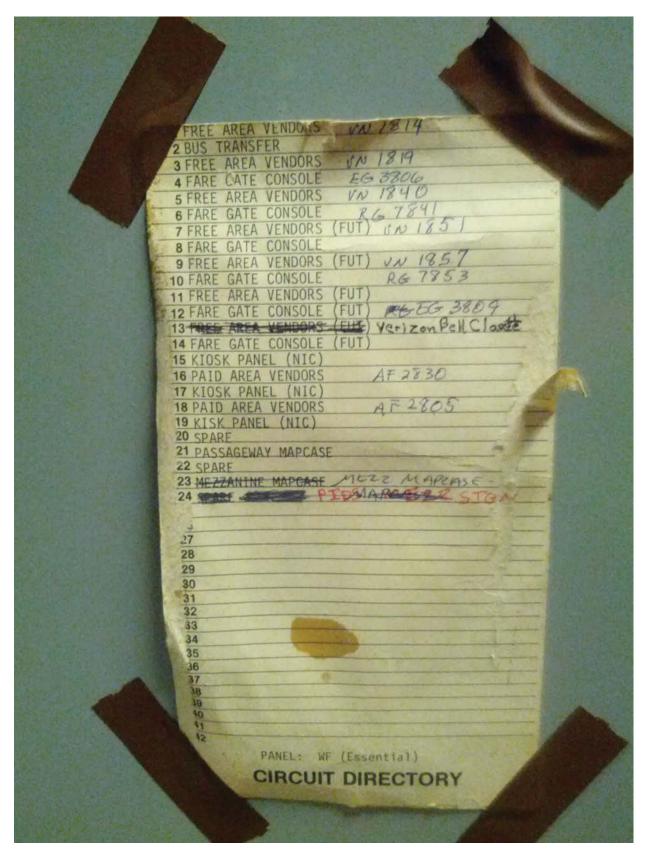
Picture 5: E03 U Street West - AFC Panel WF in Room 212



Picture 6: E03 U Street West - AFC Panel WF bottom conduits in Room 212

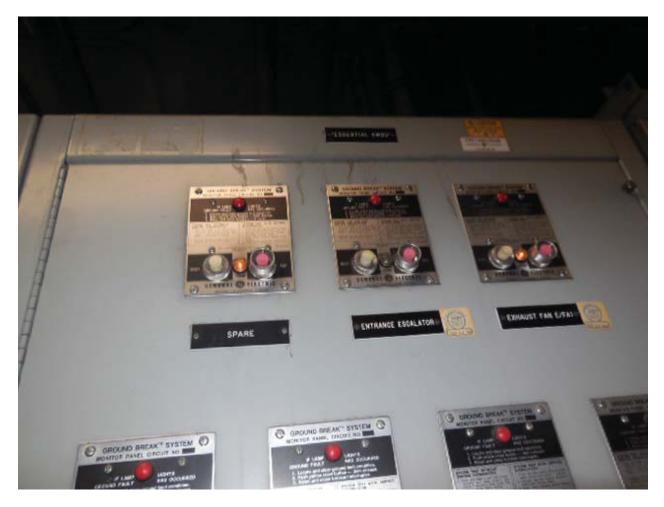


Picture 7: E03 U Street West - AFC Panel WF bottom conduits in Room 212



Picture 8: E03 U Street West – AFC Panel WF schedule in Room 212

Picture 9: E03 U Street West - Essential SWBD

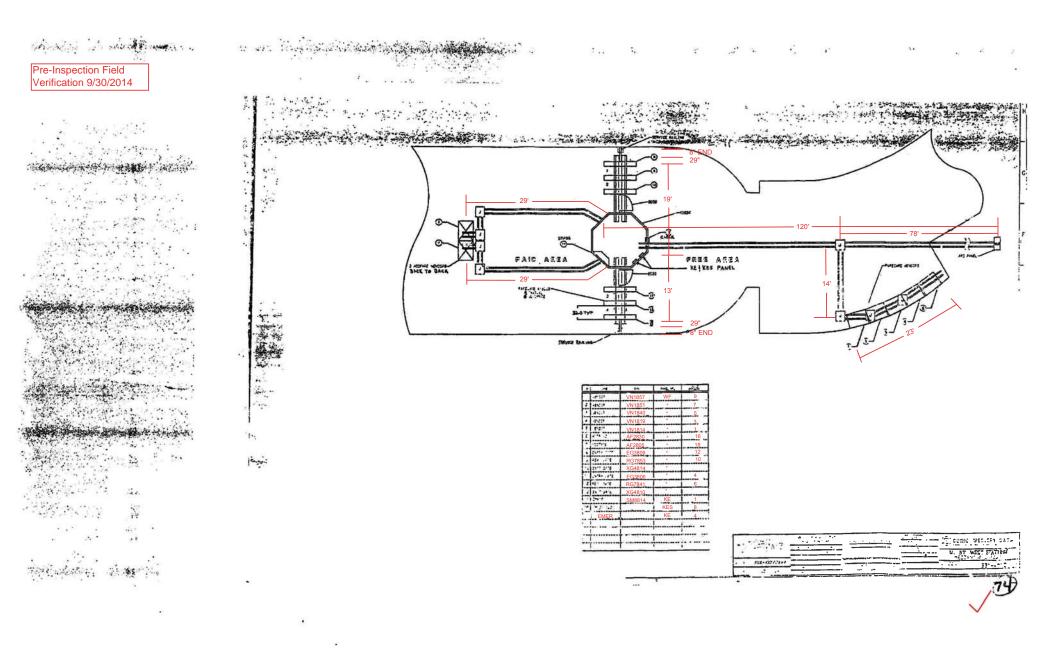




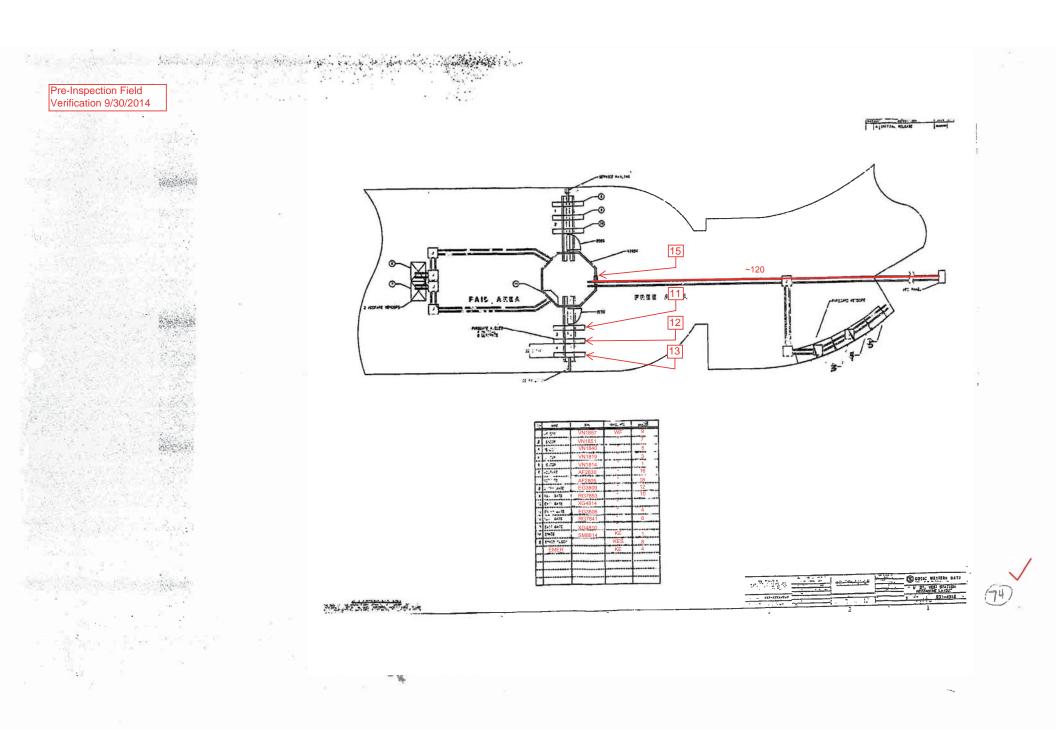
Picture 10: E03 U Street West – Essential SWBD – Panel WF Circuit 3

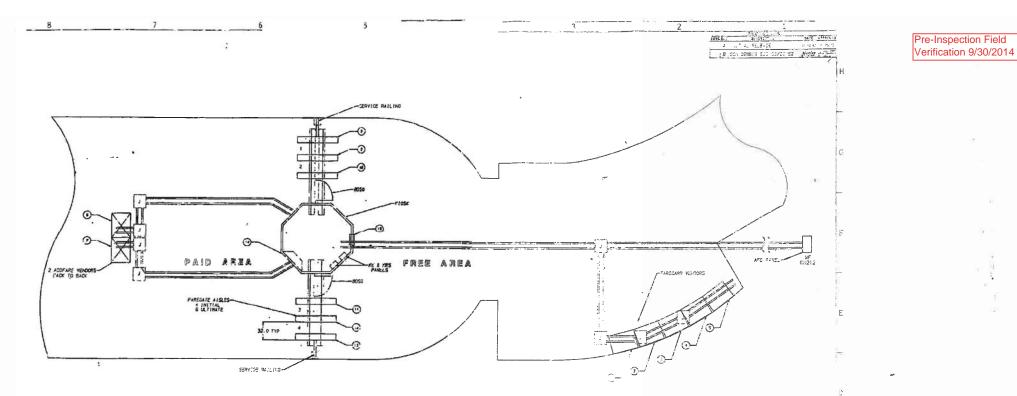


Picture 11: E03 U Street West – Standing water in room adjacent to AFC Panel



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NO		c	ະ	τ.	

SENDER AND ADJ"ARS INSTALLATION SEE

ENTRY, EXIT AND REVERSIBLE GATE INSTALLATION 931-4003.

BI-DIRECTIONAL SERVICE GATE INSTALLATION BIT-AUCS.

A TYPICAL MIZZANINE INSTALLATION SEE 531-4000.

CIRCUIT EREAKERS WITH COMMON ASUTRAL: 7 8 9; 1,3 8 5; 16 3 18; 10 8 12; 4 8 6.

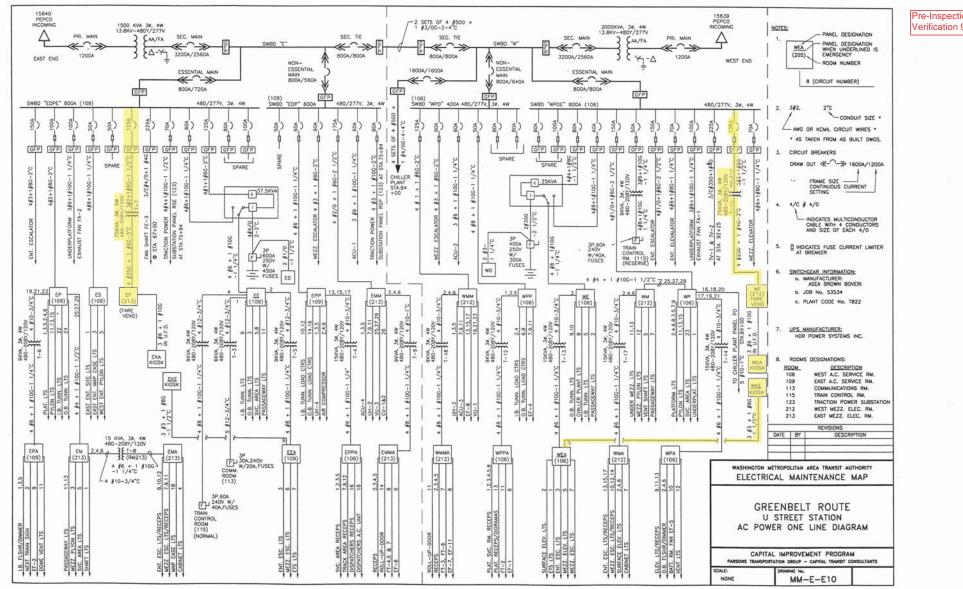
115	100	1 24	PINE NFC	P. Laio
1	VENDOR	1857	1	9
2	VENDOR	1 :886 .	~	Y
3	VENDOR	1840	54	5
4	VENCOOR	1210	ur	4
5	VENDOR	1012	уF	1,
6	"COFARS	2.22	¥F	11
7	ADDFARE	22:5	ML.	13
8	EMTRY GATE	2017	УF	12
	TY GATE	7853	WF	10
10	EXIT GATE	-11-	w	N/A
11	ENTRY GATE	3805	¥F	4
12	RAY. CAR	7841	w	6
13	EXIT GAIE	4810	WF	
11	54405	8814	KE	1
15	SMADS GLOCK	44972		8
14	CARGEST LT		4	
	1.000		1	
1				

MEZZANINE NO. 74

а Ф. ₁₄

B

	EXISTI	NG PANEL "EF"					EXIS	TING	PANE	L "WF	" 🗸	/		1
AMPERES: 400		OUNTING: SURFACE			AMPERES 400	VOLTS 12			ING: SUF					-
MAINS: 250A MCB		CATION: ELECTRICAL EQUIPM	ENT ROOM 213		MAINS: 250A MCB	PHASE: 3		LOCATI	ON ELE	CTRICAL	QUIPME	NT ROOM	212 🧹	-
RATING: 10KAIC		CTION 1 OF 1			RATING. 10K AIC	WIRE: 4		SECTIO	N 1OF	1				7
	CKT BKRS CI	KT CKT CKT BKRS					CKT BKRS	CKT	CK	T CKT	BKRS			
LOAD DESCRIPTION	KVA AMP POLE N	NO. POLE AMP	KVA LOAD DESCRIF	PTION	LOAD DESCRIPTION	KVA	AMP POL	E NO	N	POLE	AMP	KVA	LOAD DESCRIPTION	-1
EXISTING VENDOR	0.8 20 1	1 A · · 2 1 20	0.0 SPARE (KIOSK)	182	EXIST ING VENDOR	0.8	20 1	1 A	2	1	20	0.0 5	SPARE	-1
EXISTING VENDOR	0.8 20 1	3 · B · 4 1 20	0.8 EXISTING VENDOR		EXIST ING VENDOR	08	20 1	3 -	8 . 4	1	20	0.8 E	EXIST ING VENDOR	
EXISTING VENDOR	0.8 20 1	5 · · C 6 1 20	0.8 EXISTING VENDOR		EXIST ING VENDOR	08	20 1	5 -	· · C 6	1	20	0.8 E	EXIST ING VENDOR	-1
EXISTING VENDOR		7 A 8 1 20	0.8 EXISTING VENDOR		EXIST ING VENDOR	08	20 1	7 A	8	1	20	0.8 E	EXIST ING VENDOR	-1
EXISTING VENDOR		9 - B - 10 1 20	0.B EXISTING VENDOR		EXIST ING VENDOR	0.8	20 1	9 -	B - 1	0 1	20	0.8 E	EXIST ING VENDOR	-
EXIST ING VENDOR		11 · · C 12 1 20	0.8 EXISTING VENDOR		EXISTING VENDOR	0.8	20 1	11 .	· · C 1	2 1	20	0.8 E	EXIŞT ING VENDOR	-
1 NEW KIOSK RECEPT. (IT & NEPF		13 A · · 14 1 20	0.8 EXIST ING VENDOR		SPARE	0.0	20 1	13 A	1	4 1	20	0.0 \$	SPARE	-
EXISTING LOAD CENTER "KES"		15 · B · 16 1 20	0.8 EXIST ING VENDOR		EXIST ING LOAD CENTER "KES"	3.3	40 3	15 -	B - 1	6 1	20	0.8 E	EXIST ING VENDOR	-
		17 - C 18 1 20	0.8 EXISTING VENDOR			25		17 -	- C 1	8 1	20	0.8 8	EXIST ING VENDOR	-
		19 A - 20 1 20	0.0 SPARE			25		19 A	2		20	0,8	NEW KIOSK RECEPT. (IT & NEPP	9) 1 🗸
EXISTING VENDOR		21 - 8 - 22 1 20	D8 EXISTING VENDOR		EXIST ING VENDOR	08	20 1	21 -	B · 2	2 1	20	0.0 \$	SPARE (KIOSK)	18.2 🗸
EXISTING VENDOR		23 C 24 1 20	0.8 EXIST ING VENDOR		EXISTING VENDOR		20 1	23 -	- C 2		20		EXIST ING VENDOR	
SPACE		25 A · · 26 1 20	0.0 SPACE		SPACE	00		25 Å				0.0 \$		-1
SPACE		27 · B · 28 1 20	0.0 SPACE		SPACE	00			B - 2	_		0.0		-1
SPACE		29 C 30 1 20	0.0 SPACE		SPACE	00		29 -	· C 3	_		0.0		-1
SPACE		31 A 32 1 20	0.0 SPACE		SPACE	00		31 A			-	0.0	SPACE	-
SPACE		33 - B - 34 1 20	00 SPACE		SPACE	0.0		33 -			•	0.0 5	SPACE	-
SPACE		35 C 36 1 20	00 SPACE		SPACE	00		35 -	· · C 3	Б.		00 8	SPACE	-
SPACE		37 A - 38 1 20	00 SPACE		SPACE	0.0		37 A	1 3	в.		00 8	SPACE	-
SPACE		19 - B - 40 1 20	0.0 SPACE		SPACE	0.0		39 -	B - 41	0 -		00 8	SPACE	-
SPACE		11 - C 42 1 20	0.0 SPACE		SPACE	0.0		41 -	- C 4	2 .	-	00 8	SPACE	-
		13 A - 44 1 20 TO EXISTING SPARE 20A, 1P CB	00 -		NOT	TES 1. CONNEC	CT NEW FEE	DERTOE	XISTING S	PARE 20A	1P CB	··		
	2. CB TO BE RESERVED FO					2. CB TO B	BE RESERVE	D FOR FU	TURE AFC					
							1	040	SUMM	ARV				7
	104							URU 1						
UCHTS		AD SUMMARY	0.0.10/4		LIGHTS		0.0 x 12		O U MIM			0.0 k	KVA	
	0.0 x 125%	AD SUMMART	0.0 KVA		LIGHTS RECEPTACLES, FIRST 10 KVA	_		5%	0011111			0.0 H		
RECEPTACLES, FIRST 10 KVA	0.0 x 125%		10.0 KVA			_	0.0 x 12	5%)%	50 min				KVA	
RECEPTACLES, FIRST 10 KVA RECEPTACLES	0.0 x 125% 10.0 x 100% 4.4 x 50%	AD SUMMARY	10.0 KVA 2.2 KVA		RECEPTACLES, FIRST 10 KVA RECEPTACLES	-	0.0 x 12 10 0 x 10	5%)% %				10.0 1	KVA KVA	
RECEPT ACLES, FIRST 10 KVA RECEPT ACLES MISC. APPLIANCES	0.0 x 125% 10.0 x 100% 4.4 x 50% 0.0 x 100%	AD SUMMART	10.0 KVA 2.2 KVA 0.0 KVA		RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLIANCES	-	0.0 x 12 10 0 x 10 4.4 x 50	5%)% %)%	0011111			10.0 ¥ 2.2 ¥	KVA KVA KVA	
RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOT OR	0.0 × 125% 10.0 × 100% 4 4 × 50% 0 0 × 100% 0 0 × 125%	AD SUMMART	10.0 KVA 22 KVA 0.0 KVA 0.0 KVA		RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC, APPLIANCES LARGEST MOTOR		0.0 x 123 10 0 x 100 4.4 x 50 0 0 x 100 0 0 x 125	5%)% %)% 5%				10.0) 2.2) 0.0) 0.0)	KVA KVA KVA KVA	
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS	0.0 × 125% 10.0 × 100% 4 4 × 50% 0 0 × 100% 0 0 × 125% 0 0 × 100%	AD SUMMART	10.0 KVA 2.2 KVA 0.0 KVA 0.0 KVA 0.0 KVA		RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS	-	0.0 x 123 100 x 100 4.4 x 50° 00 x 100 00 x 123 0.0 x 100	5%)% %)% 5%)%				10.0) 2.2) 0.0)	KVA KVA KVA KVA	
RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOT OR	0.0 × 125% 10.0 × 100% 4.4 × 50% 0.0 × 100% 0.0 × 125% 0.0 × 125%	O SUMMART	10.0 KVA 22 KVA 0.0 KVA 0.0 KVA 0.0 KVA 3.8 KVA		RECEPTACLES FIRST 10 KVA RECEPTACLES MISC APPLANCES LARGEST MOTOR MOTORS HEAT		0 0 x 123 10 0 x 104 4.4 x 504 0 0 x 104 0 0 x 104 0 0 x 104 3 0 x 104 3 0 x 105	5%)% %)% 5%)% 5%				10.0) 2.2) 0.0) 0.0) 0.0) 3.8)	KVA KVA KVA KVA KVA	
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOT OR MOT ORS HEAT AC	00 x 125% 100 x 100% 44 x 50% 00 x 100% 00 x 125% 00 x 125% 30 0 x 125% 45 x 100%	D JUMMART	10.0 KVA 2.2 KVA 0.0 KVA 0.0 KVA 3.8 KVA 4.5 KVA		RECEPTACLES FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC		0 0 x 121 100 x 100 4.4 x 50° 0 0 x 100 0 0 x 100 0 0 x 100 3 0 x 100 3 0 x 121 4 5 x 100	5% % 5% 5% 0% 5%				10.0) 2.2) 0.0) 0.0) 0.0) 3 8) 4 5)	KVA KVA KVA KVA KVA KVA	
RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING	$\begin{array}{c} 0.0 \times 125\% \\ \hline 10.0 \times 100\% \\ 4.4 \times 50\% \\ \hline 0.0 \times 100\% \\ \hline 0.0 \times 100\% \\ \hline 3.0 \times 125\% \\ \hline 4.5 \times 100\% \\ \hline 4.5 \times 100\% \\ \hline 0.0 \times 125\% \\ \hline \end{array}$		100 KVA 22 KVA 00 KVA 00 KVA 38 KVA 4.5 KVA 0.0 KVA		RECEPTACLES, FIRST 10 KWA RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING		0 0 x 121 100 x 100 4.4 x 50° 0 0 x 100 0 0 x 100 0 0 x 101 0 0 x 101 3 0 x 121 4 5 x 100 0 0 x 121 4 5 x 100 0 0 x 121	5% 5% 5% 5% 5% 5% 5%				10.0 2 2.2 3 0.0 1 0.0 1 0.0 1 3 8 1 4 5 1 0 0 1	KVA KVA KVA KVA KVA KVA	
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOT OR MOT ORS HEAT AC	00 x 125% 100 x 100% 44 x 50% 00 x 100% 00 x 125% 00 x 125% 30 0 x 125% 45 x 100%	TOTAL DEMAND KVA	100 KVA 22 KVA 00 KVA 00 KVA 38 KVA 45 KVA 00 KVA 205 KVA		RECEPTACLES FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC		0 0 x 121 100 x 100 4.4 x 50° 0 0 x 100 0 0 x 100 0 0 x 100 3 0 x 100 3 0 x 121 4 5 x 100	5% 5% 5% 5% 5% 5% 5%	TOTAL D	EMAND K		10.0) 2.2) 0.0) 0.0) 0.0) 3 8) 4 5)	КVА КVA КVA КVA КVA КVA КVA	
RECEPTACLES FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD	0 0 x 125% 10.0 x 100% 4 4 x 50% 0 0 x 102% 0 0 x 125% 0 0 x 125% 3 0 x 125% 0 0 x 125% 2 1,9 KVA		100 KVA 22 KVA 00 KVA 00 KVA 38 KVA 4.5 KVA 0.0 KVA		RECEPTACLES FIRST 10 KVA RECEPTACLES MISC. APPLINICES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD		0 0 x 121 100 x 100 4.4 x 50° 0 0 x 100 0 0 x 100 0 0 x 101 0 0 x 101 3 0 x 121 4 5 x 100 0 0 x 121 4 5 x 100 0 0 x 121	5% 5% 5% 5% 5% 5% 5%	TOTAL D			10.0 2 2.2 2 0.0 1 0.0 1 0.0 1 3 8 1 4 5 1 0 0 1 20.5 1	КVА КVA КVA КVA КVA КVA КVA	
RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUM	0 0 x 125% 10.0 x 100% 4 4 x 50% 0 0 x 102% 0 0 x 102% 3 0 x 125% 4 5 x 100% 2 1.9 KVA MARY	TOTAL DEMAND KVA	100 KVA 22 KVA 00 KVA 00 KVA 38 KVA 45 KVA 00 KVA 205 KVA		RECEPTACLES, FIRST 10 KW RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SU		0 0 x 121 100 x 100 4.4 x 50° 0 0 x 100 0 0 x 100 0 0 x 101 0 0 x 101 3 0 x 121 4 5 x 100 0 0 x 121 4 5 x 100 0 0 x 121	5% 3% 5% 5% 5% 5% 5%	TOTAL D	EMAND K		10.0 2 2.2 2 0.0 1 0.0 1 0.0 1 3 8 1 4 5 1 0 0 1 20.5 1	КVА КVA КVA КVA КVA КVA КVA	
RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUM PHASE &	0 0 x 125% 100 x 100% 4 4 x 50% 0 0 x 100% 0 0 x 125% 0 0 x 125% 4 5 x 100% 0 0 x 125% 2 19 KVA IMARY 6.5 KVA	TOTAL DEMAND KVA	100 KVA 22 KVA 00 KVA 00 KVA 38 KVA 45 KVA 00 KVA 205 KVA		RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SU PHASE A		0 0 x 121 10 0 x 100 4.4 x 500 0 0 x 100 0 0 x 100 0 0 x 121 0 0 x 100 3 0 x 121 4 5 x 100 0 0 x 100 3 0 x 121 4 5 x 100 0 0 x 121 2 1.9 KVA	5% 0% 0% 5% 0% 5% 5%	TOTAL D	EMAND K		10.0 2 2.2 2 0.0 1 0.0 1 0.0 1 3 8 1 4 5 1 0 0 1 20.5 1	КVА КVA КVA КVA КVA КVA КVA	
RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD PHASE & PHASE B	0 0 x 125% 10.0 x 100% 4 4 x 50% 0 0 x 102% 0 0 x 102% 3 0 x 125% 4 5 x 100% 2 1.9 KVA MARY	TOTAL DEMAND KVA	100 KVA 22 KVA 00 KVA 00 KVA 38 KVA 45 KVA 00 KVA 205 KVA		RECEPTACLES, FIRST 10 KW RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SU		0 0 x 12 10 0 x 10 4 4 x 50 0 0 x 10 0 0 x 10 0 0 x 12 0 0 x 10 3 0 x 12 4 5 x 10 0 0 x 12 21.9 KVA 5.7 KVA	5% 3% 3% 5% 9% 5% 5%	TOTAL D	EMAND K		10.0 2 2.2 2 0.0 1 0.0 1 0.0 1 3 8 1 4 5 1 0 0 1 20.5 1	КVА КVA КVA КVA КVA КVA КVA	
RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A PHASE B PHASE C: NOTES: A. EXISTING PANEL	0 0 x 125% 10.0 x 100% 4 4 x 50% 0 0 x 100% 0 0 x 125% 0 0 x 125% 3 0 x 125% 4 5 x 100% 2 1.9 KVA 8.1 KVA 8.1 KVA 7.3 KVA 2 1.9 KVA	TOTAL DEMAND KVA Total Demand Amps 38. 4W Existing Switchboard	100 KWA 2 2 KWA 00 KWA 00 KWA 3 8 KWA 45 KWA 00 KWA 20.5 KWA 56.8 AMPS	2 SW80.	RECEPTACLES, FIRST 10 KW RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SU PHASE A. PHASE B. PHASE C: NOTES: A. EXISTING PAREI	"WF" IS FED	0.0 x 12: 100 x 100 4.4 x 500 0.0 x 100 0.0 x 100 0.0 x 12: 0.0 x 100 0.0 x 12: 4.5 x 100 0.0 x 12: 4.5 x 100 0.0 x 12: 21.9 KVA 8.1 KVA 8.1 KVA 8.1 KVA 8.1 KVA 8.1 KVA	5% 3% 5% 5% 5% 5% 6%	TOTAL D TOTAL D	EMAND K EMAND A	MPS (Chboar	10.0) 22) 0.0) 0.0) 0.0) 38) 45) 00) 20.5] 56.8 /	KVA KVA KVA KVA KVA KVA KVA AMPS	
RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A: PHASE B: PHASE C:: NOTES: A EXISTING PANEL RM. 109, #7-122	0 0 x 125% 100 x 100% 44 x 50% 00 x 100% 00 x 125% 00 x 100% 30 x 125% 45 x 100% 00 x 125% 21.9 KVA 8.1 KVA 8.1 KVA 7.3 KVA 8.1 KVA 7.3 KVA 8.1 KVA 7.3 KVA	TOTAL DEMAND KVA TOTAL DEMAND AMPS 3¢, 4W EXISTING SWITCHBGARD R (SEE ATTACHED DWG, MM-E-	100 KWA 2 2 KWA 00 KWA 00 KWA 3 8 KWA 45 KWA 00 KWA 20.5 KWA 56.8 AMPS		RECEPTACLES, FIRST 10 KWA RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SU PHASE A PHASE B. PHASE C. MATER: A EXISTING PAREI CONNECTED LOAD PHASE SU	WF" IS FED	0.0 x 12: 100 x 100 4.4 x 500 0.0 x 100 0.0 x 100 0.0 x 100 0.0 x 100 0.0 x 100 0.0 x 120 0.0 x 100 0.0 x 120 21.9 KVA 5.7 KVA 8.1 KVA 8.1 KVA 8.1 KVA 8.1 KVA	5% 3% 3% 5% 5% 9% 5% 5% 6000, 36 5000, 36 5000, 36	TOTAL D TOTAL D 4. 4W EXIS	EMAND K EMAND A	MPS (Chboar	10.0) 22) 0.0) 0.0) 0.0) 38) 45) 00) 20.5] 56.8 /	КVА КVA КVA КVA КVA КVA КVA	
RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLIAVCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUM PHASE B PHASE B PHASE D PHASE C: NOTES: A EXISTING PANEL RM. 109, #7-122 B. EXISTING WIRKS	0.0 x 125% 10.0 x 100% 44 x 50% 0.0 x 100% 0.0 x 102% 0.0 x 125% 0.0 x 125% 0.0 x 125% 2.1 y KVA 1MARY 6.5 KVA 6.5 KVA 6.1 KVA 7.3 KVA 1.1 KVA 7.3 KVA 1.1 KVA 7.3 KVA	TOTAL DEMAND KVA TOTAL DEMAND AMPS 34, 4W EXISTING SWITCHBOARD R (SEE ATTACHED DWG, MM-E- EL BY;	10.0 KWA 2.2 KWA 0.0 KWA 0.0 KWA 0.0 KWA 3.8 KWA 4.5 KWA 0.0 KWA 20.5 KWA 56.8 AMPS	c swao. SWBD Panel WF	RECEPTACLES FIRST 10 K/A RECEPTACLES MISC. APPLIANCES LAGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SU PHASE 6. PHASE 6. PHASE 6. PHASE 6. PHASE 0. BALESTING WINH	WF" IS FED 125/3P VIA 751 G FED FROM R	0.0 x 12: 10.0 x 10x 4.4 x 50' 0.0 x 10x 0.0 x 10x 0.0 x 10x 0.0 x 10x 0.0 x 10x 0.0 x 10x 4.5 x 10x 0.0 x 12x 4.5 x 10x 8.1 KVA 8.1 KVA 8.1 KVA FROM 2.77, KVA 8.1 KVA FROM 2.77, KVA 1.5 x 10x 1.5 x 10	5% 3% 3% 5% 5% 5% 5% 7480V, 34 70RHER (OF PANEL	TOTAL D TOTAL D , 4W EXE SEE ATTAC . BY:	EMAND K EMAND A	MPS (Chboar	10.0) 22) 0.0) 0.0) 0.0) 38) 45) 00) 20.5] 56.8 /	KVA KVA KVA KVA KVA KVA KVA AMPS ************************************	
RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A: PHASE B: PHASE C:: NOTES: A. EXISTING PANEL RM. 109, #7–125 B. EXISTING WIRKIG * 1–3' C. TO	0 0 x 125% 100 x 100% 4 x 50% 0 0 x 100% 0 0 x 100% 0 0 x 100% 0 0 x 125% 0 0 x 100% 3 0 x 125% 4 5 x 100% 0 0 x 125% 21.9 KVA 8.1 KVA 7.3 KVA 8.1 KVA 7.3 KVA 100 x 100% 0 0 x 125% 21.9 KVA 8.1 KVA 7.3 KVA 100 x 100% 5/3 P VA 75KVA TRANSFORME FED FROM LEFT SIDE OF PAN TRANSFORME (WRING FL)	TOTAL DEMAND KVA TOTAL DEMAND AMPS , 39, 4W EXISTING SWITCHBOARD R (SEE ATTACHED DWG, MM-E- eLE BY: >407), U-Street WG	10.0 KWA 2.2 KWA 0.0 KWA 0.0 KWA 0.0 KWA 3.8 KWA 4.5 KWA 0.0 KWA 20.5 KWA 56.8 AMPS ************************************	SWBD Panel WF	RECEPTACLES, FIRST 10 KWA RECEPTACLES MISC. APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SU PHASE 6. PHASE 6. PHASE 6. PHASE 7. B. EXISTING PANEL B. EXISTING VIENN 9. 1-44°C. 1.4°C.	WF IS FED 125/3P VIA 751 G FED FROM R TO TRANSFORM	0 0 x 12: 10 0 x 10: 4 4 x 50' 0 0 x 10: 0 0 x 10: 0 0 x 12: 0 0 x 12: 21.9 KVA 5.7 KVA 8.1 KVA FROM 277, KVA TRANSING ROM 277, KVA TRANS	5% 3% 3% 5% 5% 5% 74800V, 3# FORMER (0F PANEL FILL >4	TOTAL D TOTAL D , 4W EXE SEE ATTAC . BY:	EMAND K EMAND A	MPS (Chboar	10.0) 22) 0.0) 0.0) 0.0) 38) 45) 00) 20.5] 56.8 /	KVA KVA KVA KVA KVA KVA KVA KVA AMPS 	tial SWBD
RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLIAVCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A PHASE B PHASE D PHASE C:: NOTES: A EXISTING PANEL." RM. 109, #7-125 B. EXISTING WIRING • 1-3" C. TO EXISTING WIRING • 1-3" C. TO EXISTING WIRING	0.0 x 125% 10.0 x 100% 44 x 50% 0.0 x 100% 0.0 x 102% 0.0 x 125% 0.0 x 125% 0.0 x 125% 2.1 y KVA 1MARY 6.5 KVA 6.5 KVA 6.1 KVA 7.3 KVA 1.1 KVA 7.3 KVA 1.1 KVA 7.3 KVA	TOTAL DEMAND KVA TOTAL DEMAND AMPS 34. 4W DXSTING SWITCHBOAR R (SEE ATRACHED DWG, MAH-E- IEL BY: - SO2). U-Street W/	10.0 KWA 2.2 KWA 0.0 KWA 0.0 KWA 0.0 KWA 3.8 KWA 4.5 KWA 0.0 KWA 20.5 KWA 56.8 AMPS ************************************		RECEPTACLES, FIRST 10 K/A RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SU PHASE A. PHASE B. PHASE C: NOTES: A. EXISTING PANEL , FRA. 106, F3-3 BEXISTING WIRIN 1-4 ⁴ C. EXISTING WIRIN - 2-3/4 ⁴	"WF" IS FED 125/3P VIA 751 G FED FROM TO TO TRANSFORM G FED FROM TO C. (WIRING FIL	0 0 x 12: 10 0 x 10: 10 0 x 10: 0 0 x 10: 0 0 x 10: 0 0 x 10: 0 0 x 10: 3 0 x 12: 2 1.9 KVA 5.7 KVA 8.1 KVA 6.1 KVA FROM 277, KVA TRANSI GP OF PANL 1 - 3078.)	5% 0% % 0% 5% 0% 5% 0% 5% 0% 5% 0% 5% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	TOTAL D TOTAL D 4. 4W EXIS SEE ATTAC BY: 3%).	EMAND K EMAND A	MPS (Chboar	10.0) 22) 0.0) 0.0) 0.0) 38) 45) 00) 20.5] 56.8 /	KVA KVA KVA KVA KVA KVA KVA KVA AMPS 	
RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A PHASE B PHASE C NOTES: A. EXISTING PANEL ¹ RM. 109, #7-122 B. EXISTING WIRING * 1-3 ² C. 10 EXISTING WIRING * 2-3 ² C. 10	0 0 x 125% 10.0 x 100% 44 x 50% 0.0 x 100% 0.0 x 100% 0.0 x 125% 0.0 x 125% 0.0 x 125% 21.9 KVA 5.5 KVA 8.1 KVA 7.3 KVA EF" IS FED FROM 277/480%, 5/3P VA 75KVA TRANSFORME FED FROM LEFT SIDE OF PMAL TRANSFORMER (WIRING FILL FED FROM LEFT SIDE OF PMAL TRANSFORMER (WIRING FILL FED FROM LEFT SIDE OF PMAL TRANSFORMER (WIRING FILL FED FROM TO OF PMAL BY TRANSFORMER (WIRING FILL	TOTAL DEMAND KVA TOTAL DEMAND AMPS , 39, 4W EXISTING SWITCHBOARD R (SEE ATTACHED DWG, MM-E- eLE BY: >407), U-Street WG	100 KWA 22 KWA 00 KWA 00 KWA 00 KWA 38 KWA 45 KWA 00 KWA 20.5 KWA 56.8 AMPS	SWBD Panel WF	RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SU PHASE A. PHASE B. PHASE C. NOTES: A. EXISTING PANEL A. EXISTING WIRNA * 1-4* C. EXISTING WIRNA * 2 - 3/4* EDISTING WIRNA	WF" IS FED 125/3P VIA 75 126/3P VI	0 0 x 12: 10 0 x 10: 4 4 x 50: 0 0 x 10: 0 0 x 10: 0 0 x 10: 0 0 x 10: 0 0 x 12: 0 0 x 10: 1 5.7 KVA 8.1 KVA 8.1 KVA 8.1 KVA FROM 2.77, KVA TRANS, I KVA FROM 2.77, KVA TRANS, I KVA FROM 2.77, KVA TRANS, I KVA B.1 KV	5% 5% 5% 5% 5% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6	TOTAL D TOTAL D 4. 4W EXIS SEE ATTAC BY: 3%).	EMAND K IEMAND A STING SWI HED DWG	MPS (Chboar	10.0) 22) 0.0) 0.0) 0.0) 38) 45) 00) 20.5] 56.8 /	KVA KVA KVA KVA KVA KVA KVA KVA AMPS 	tial SWBD
RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A PHASE B PHASE C NOTES: A. EXISTING PANEL ¹ RM. 109, #7-122 B. EXISTING WIRING * 1-3 ² C. 10 EXISTING WIRING * 2-3 ² C. 10	00 x 125% 10.0 x 100% 44 x 50% 00 x 100% 00 x 105% 00 x 125% 00 x 125% 45 x 100% 21.9 KVA 6.5 KVA 6.5 KVA 6.5 KVA 7.3 KVA 7.4	TOTAL DEMAND KVA TOTAL DEMAND AMPS 3, 4W EXISTING SWITCHBOARD R (SEE ATTACHED DWG, MM-E- 46L BY: 2+ CAS). U-Street W Pre-Inspect	100 KWA 22 KWA 00 KWA 00 KWA 00 KWA 38 KWA 45 KWA 00 KWA 20.5 KWA 56.8 AMPS	SWBD Panel WF	RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SU PHASE A. PHASE B. PHASE C. NOTES: A. EXISTING PANEL A. EXISTING WIRNA * 1-4* C. EXISTING WIRNA * 2 - 3/4* EDISTING WIRNA	"WF" IS FED 125/3P VIA 751 G FED FROM TO TO TRANSFORM G FED FROM TO C. (WIRING FIL	0 0 x 12: 10 0 x 10: 4 4 x 50: 0 0 x 10: 0 0 x 10: 0 0 x 10: 0 0 x 10: 0 0 x 12: 0 0 x 10: 1 5.7 KVA 8.1 KVA 8.1 KVA 8.1 KVA FROM 2.77, KVA TRANS, I KVA FROM 2.77, KVA TRANS, I KVA FROM 2.77, KVA TRANS, I KVA B.1 KV	5% 5% 5% 5% 5% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6	TOTAL D TOTAL D 4. 4W EXIS SEE ATTAC BY: 3%).	EMAND K IEMAND A STING SWI HED DWG	MPS (Chboar	10.0) 22) 0.0) 0.0) 0.0) 38) 45) 00) 20.5] 56.8 /	KVA KVA KVA KVA KVA KVA KVA KVA AMPS 	tial SWBD 1 Wayside
RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A PHASE B PHASE C NOTES: A. EXISTING PANEL ¹ RM. 109, #7-122 B. EXISTING WIRING * 1-3 ² C. 10 EXISTING WIRING * 2-3 ² C. 10	00 x 125% 10.0 x 100% 44 x 50% 00 x 100% 00 x 105% 00 x 125% 00 x 125% 45 x 100% 21.9 KVA 6.5 KVA 6.5 KVA 6.5 KVA 7.3 KVA 7.4	TOTAL DEMAND KVA TOTAL DEMAND AMPS 3, 4W EXISTING SWITCHBOARD R (SEE ATTACHED DWG, MM-E- 46L BY: 2+ CAS). U-Street W Pre-Inspect	100 KWA 22 KWA 00 KWA 00 KWA 00 KWA 38 KWA 45 KWA 00 KWA 20.5 KWA 56.8 AMPS	SWBD Panel WF	RECEPTACLES, FIRST 10 KVA RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SU PHASE A. PHASE B. PHASE C. NOTES: A. EXISTING PANEL A. EXISTING WIRNA * 1-4* C. EXISTING WIRNA * 2 - 3/4* EDISTING WIRNA	WF" IS FED 125/3P VIA 75 126/3P VI	0 0 x 12: 10 0 x 10: 4 4 x 50: 0 0 x 10: 0 0 x 10: 0 0 x 10: 0 0 x 10: 0 0 x 12: 0 0 x 10: 1 5.7 KVA 8.1 KVA 8.1 KVA 8.1 KVA FROM 2.77, KVA TRANS, I KVA FROM 2.77, KVA TRANS, I KVA FROM 2.77, KVA TRANS, I KVA B.1 KV	5% 5% 5% 5% 5% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6	TOTAL D TOTAL D 4. 4W EXIS SEE ATTAC BY: 3%).	EMAND K IEMAND A STING SWI HED DWG	MPS (Chboar	10.0) 22) 0.0) 0.0) 0.0) 38) 45) 00) 20.5] 56.8 /	KVA KVA KVA KVA KVA KVA KVA KVA AMPS 	tial SWBD 1 Wayside
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RECEPTACLES. FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOT OR MOTORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SUM PHASE B PHASE B PHASE C: NOTES: A. EXISTING PANEL ¹ RM. 109, ∯7-123 B. EXISTING MRING I * 1-3 ² C. 10 EXETING WRING I * 1-3 ² C. 10 DATE MARE	0 0 x 125% 100 x 100% 4 x 50% 0 0 x 100% 0 0 x 100% 0 0 x 100% 0 0 x 125% 0 0 x 100% 3 0 x 125% 4 5 x 100% 0 0 x 125% 2 19 KVA 8.1 KVA 7.3 KVA 8.1 KVA 7.3 KVA 1 KVA 7 KVA 1 KVA 7 KVA 1 KVA 7 KVA 1 KVA 1 KVA 7 KVA 1	TOTAL DEMAND KVA TOTAL DEMAND AMPS .39, 4W DXSTING SMTCHBOAR R (SEE ATACHED DWG, MM-E- IEL BY: 	100 KWA 22 KWA 00 KWA 00 KWA 38 KWA 45 KWA 00 KWA 20.5 KWA 56.8 AMPS ************************************	SWBD Panel WF (Breaker #3) WASHINGTON DEPARTMENT OF TRANS AND DEVINIENT	RECEPTACLES, FIRST 10 KWA RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SU PHASE A. PHASE B. PHASE C. NOTES: A. EXISTING PANEL A. EXISTING WIRIN 9 0.517K UNITES: A. EXISTING PANEL A. EXISTING WIRIN 9 3.7 C. METROPOLITAN A ST NIFRASTRUCTURE VESERVICES	WF* IS FED 125/39 VA 75 G FED FROM TO TO TRANSFORM G FED FROM TO C. (WIRING FIL G FED FROM TO C. (WIRING FIL G FED FROM (1-EMPTY CO	0 0 x 12: 10 0 x 10: 4 4 x 50: 0 0 x 10: 0 0 x 10: 0 0 x 10: 0 0 x 10: 10 0 x 10: 10 0 x 10: 10 0 x 10: 10 0 x 12: 21.9 KVA 5.7 KVA 8.1 KVA 8.1 KVA 8.1 KVA 8.1 KVA 8.1 KVA 1.1 KVA 1.2 XVA 1.2 XVA 1.	5% 7% 5% 5% 5% 5% 5% 5% 5% 70PMER (07 PANEL BY PANEL BY PANEL BY PANEL BY PANEL BY	TOTAL D TOTAL D SEE ATTAC BY: r; FILL >30%	EMAND K EMAND A TING SWIT HED DWG	MPS (CHBOAR . MM—E-	1001 223 001 000 361 451 001 2051 56.87 D - 599800- E10).		tial SWBD 1 Wayside
RECEPTACLES FIRST 10 KVA RECEPTACLES MISC. APPLIANCES LARGEST MOT OR MOT ORS HEAT AC WATER HEAT ING TOTAL CONNECTED LOAD PHASE A PHASE B PHASE D PHASE C NOTES: A EXISTING PANEL * 1-3" C. TO EXISTING WRING * 2-3" C. (* 1-3/4" C.	0 0 x 125% 100 x 100% 4 x 50% 0 0 x 100% 0 0 x 100% 0 0 x 100% 0 0 x 125% 0 0 x 100% 3 0 x 125% 4 5 x 100% 0 0 x 125% 2 19 KVA 8.1 KVA 7.3 KVA 8.1 KVA 7.3 KVA 1 KVA 7 KVA 1 KVA 7 KVA 1 KVA 7 KVA 1 KVA 1 KVA 7 KVA 1	TOTAL DEMAND KVA TOTAL DEMAND AMPS .39, 4W DXSTING SMTCHBOAR R (SEE ATACHED DWG, MM-E- IEL BY: 	100 KWA 22 KWA 00 KWA 00 KWA 38 KWA 45 KWA 00 KWA 20.5 KWA 56.8 AMPS ************************************	SWBD Panel WF (Breaker #3) WASHINGTON DEPARTMENT OF TRANS	RECEPTACLES, FIRST 10 KWA RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD CONNECTED LOAD PHASE SU PHASE A. PHASE B. PHASE C. NOTES: A. EXISTING PANEL A. EXISTING WIRIN 9 0.517K EXISTING WIRIN 0 2 3/4' EXISTING WIRIN 0 3 3' C. METROPOLITAN A ST NIFRASTRUCTURE NG SERVICES RE RENEWAL PROGRAM	WF* IS FED 125/39 VA 75 G FED FROM TO TO TRANSFORM G FED FROM TO C. (WIRING FIL G FED FROM TO C. (WIRING FIL G FED FROM (1-EMPTY CO	0 0 x 12: 10 0 x 10: 44 x 500 0 0 x 10: 0 0 x 10: 0 0 x 10: 0 0 x 12: 45 x 10: 0 0 x 12: 45 x 10: 0 0 x 12: 21.9 KVA 5.7 KVA 8.1 KVA 8.1 KVA 8.1 KVA 1. KVA 1	5% 7% 5% 5% 5% 5% 5% 5% 5% 70PMER (07 PANEL BY PANEL BY PANEL BY PANEL BY PANEL BY	TOTAL D TOTAL D SEE ATTAC BY: r; FILL >30%	EMAND K EMAND A STING SWI HED DWG	MPS (CHBOAR . MM—E-	1001 222 001 001 001 381 451 981 455 5687 007 2055 5687 2055 5687 2055 5687	KVA KVA KVA KVA KVA KVA KVA AMPS WEST ^F LOCATED IN AC SWED. ESSENT Track V METRORAIL S U STREET - EAST	tial SWBD 1 Wayside



Pre-Inspection Field Verification 9/30/2014

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			Pre	-Inspection Mezza	anine Walkthrough	Check	list
Date:	10/28/2014	ļ	Station Name: Georg	gia Ave - E05	Mezzanine #: 076	Complete	ed By: Tino Sahoo
Check		Та	sk	Equ	ipment	Room ID	Notes
	the field/re		oower design matches y locations of the	Electrical Source Panel Name/Number: Source Breaker Name/Number: Electrical AFC Panel Name/Number:	Panel SAES Breaker #37, 39, 41 MESS Essential	Rm C219 Rm C219 Rm C213	
\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	iH Voltage		
\checkmark	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.			
	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: AFC			Power duct run from Kiosk to AFC Panel is apprx. 53' with one manhole in room C213. Four small manholes on paid side of Kiosk for access to faregate array ducts.
	Identify ha requireme		anhole access	Required PLNT Mason for handhole/manhole access? Identified Conduit/Duct Transition to mezzanine level?	NO UNDETERMINED		No as-built AFC installation plan. Segment 1 of AFC Power run is duct from Kiosk to manhole in room C213. Segment 2 is manhole to duct. Segment 3 is duct to 2" conduit embedded in floor.
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:			
				Source Panel Name/Number:	Panel KE	Kiosk	
\checkmark		n of Kiosk Er KESS, etc)	mergency Panel(s)	Source Breaker Name/Number	Breakers #8,10	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:	Tarmina	Dahoo				
Date:		10/28/2014					



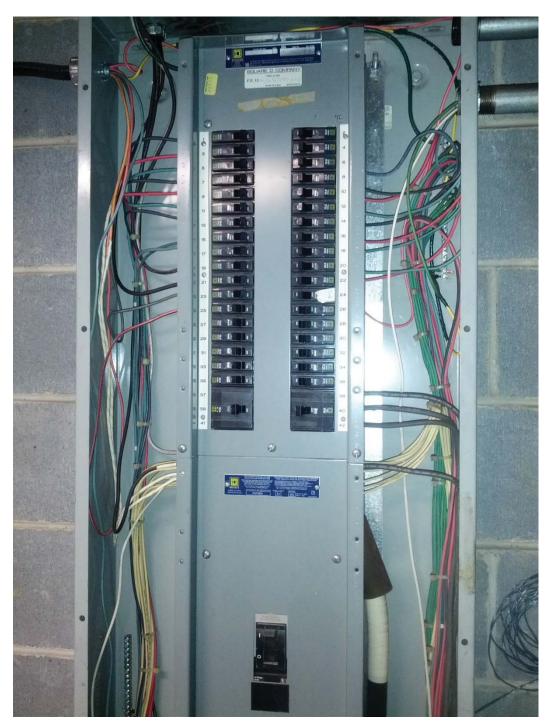
Picture 1: E05 Georgia Ave – Handholes on paid-side of mezzanine for faregate duct access



Picture 2: E05 Georgia Ave – Manhole in room C213

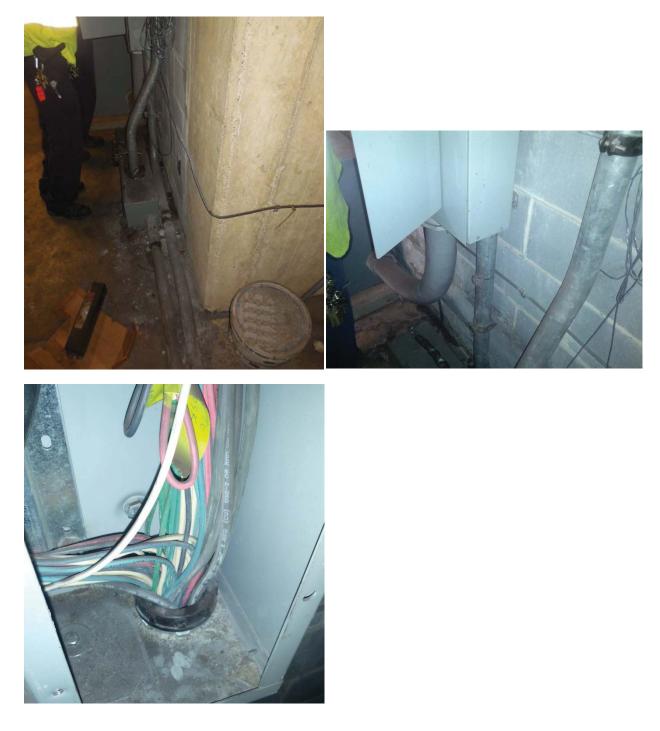






Picture 4: E05 Georgia Ave – AFC Panel MESS ESSE in room C213

Pictures 5-7: E05 Georgia Ave – AFC Panel MESS ESSE in room C213, bottom conduits



PAN	ELBOARD / PANNEAU / TABLER	0	MESS (ESSENTIAL)
-	120/208V, 3P	DATE:	5/30/97
-	225A MAIN	FEED:	TRANSFORMER T-8 (SAES)
CIR.	LOAD / CHARGE / CARGA	CIR.	LOAD / CHARGE / CARGA
1 1	FARE CARD VENDING # 30	2	BUS FARE DISPENSERS
3	FARE CARD VENDING 31	4	BUS FARE DISPENSERS
5	FARE CARD VENDING 32	6	MAP CASE LIGHTING
7	FARE CARD VENDING 33	18	FARE GATE CONSOLES
9	FUTURE FARE CARD VENDING 34	10	FARE GATE CONSOLES
11	FUTURE FARE CARD VENDING 35	12	FARE GATE CONSOLES
13	ELETURE FARE CARD VENDING 36	14	FARE GATE CONSOLES
15	ADD FARE VENDING	16	FARE GATE CONSOLES
17	ADD FARE VENDING	18	FARE GATE CONSOLES
19	ELEC. ROOM EXHAUST FAN	20	FUTURE FARE GATE CONSOLES
21	SPARE CNTRL PULL. DOME FR	13-22/	FUTURE FARE GATE CONSOLES
23	ETDM #1	24	TDM #2
25	SPARE TOMA-71	26	SPACE
27	SPARE	28	SPACE
29	SPACE	30	SPACE
31	SPACE	32	SPACE
33	SPACE	34	SPACE
35	SPACE	36	SPACE
37	SPACE	38	PANEL KESS
39	SPACE	40	PANEL KESS
41	SPACE	42	PANEL KESS
AN ESANALITY	SOUARE I	00	MPANY

Picture 8: E05 Georgia Ave – AFC Panel MESS ESSE in room C213, panel schedule



Picture 9: E05 Georgia Ave – Panel SAES in room C219

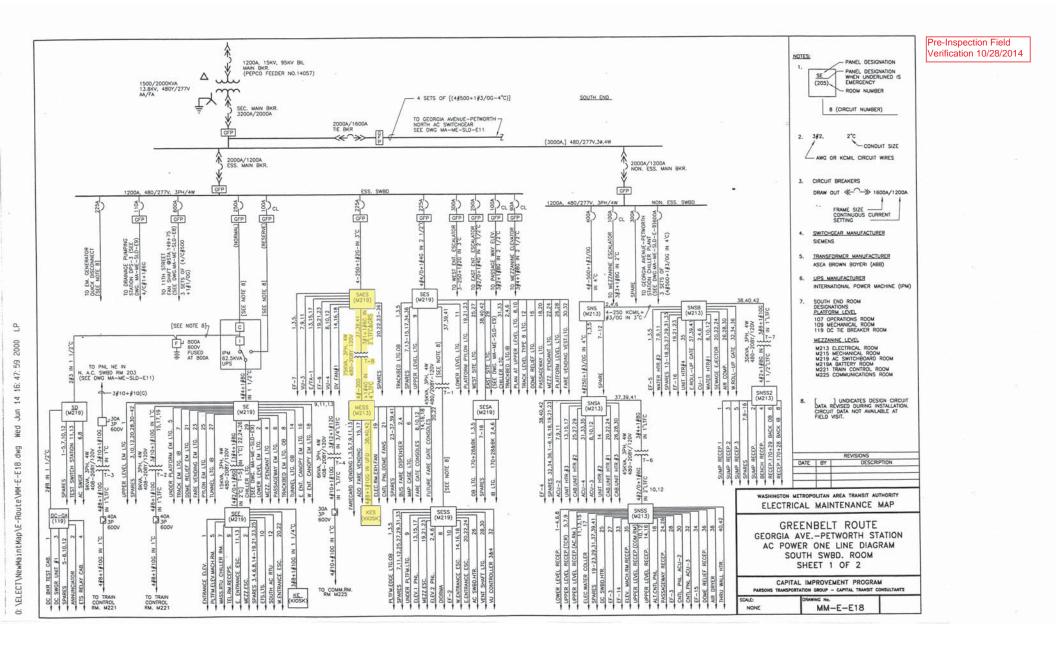


Picture 10: E05 Georgia Ave – Panel SAES in room C219, Circuits 37,39,41

The second second	NEL SA	ES	FED	FRO	M		
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	3 EF-7			4	A SPACE	1	221
-	5 EF-7	Sec. Sec. P		6	and an other states of the state of the stat		
	7 VU-3			-	VU-4		120
	9 VII-3			1 2 2	VU-4		
	11 VU-3	Carry Contra		12			
	13 E/FA-	1		14	1 des		
NEMA NUMBERING	15 E/FA-			16	DV FAN #1		
	States and the states of the s				DV FAN #1		
	17 E/FA	-1		20	SPARE		
23 2	21 EF-6			22	SPARE		
121 23 25 27	23 FF-6			24	State of the second sec		
29 K	25 SPAR	And the second sec	Plather		SPARE		
31 33	27 SPAR		Sin		SPARE		1
	29 SPA	E PIDE -	7	30	SPARE	<u> </u>	_
37 39	31 SPA	RE	121	and the second se	SPARE	the second	-
41 43	33 SPA	CARLEN CONTRACTOR	and a	COLUMN 2 IS	SPARE	The second second	-1
45	35 SPA	And the second se		Description of the	SPARE	1.1	
49	A DESCRIPTION OF THE OWNER	<u>ST-8</u>	Sec. St.	40 9			1
51 53		<u>s t-8</u> s t-8		42 5		1	
PERSO	L	a transition Inc.	in Georgia	-		12-1110-01 REV	
MAD	Electrical App	aratus Division, Atlant	M. A. A. A. Martin				Calminand
and the second second second	And an and the second second			-			

Picture 11: E05 Georgia Ave – Panel SAES in room C219, panel schedule

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									ection Field								SSENTIA	L	
								Verificati	on 10/28/2014	AMPERES: 225		120/206			SURFAC				
										MAINS: 225 MCB	PHASE: WIRE:			CATION:		RICAL ROOM C	1213 🧹		
										RATING 10K AIC	AMINE.	4 CKT BKF		_		CKT BKRS			
										LOAD DESCRIPTION	N KVA					POLE AMP	KVA L	OAD DESCRIPTION	
•										EXISTING VENDOR	0,8					1 20	0.0 SPARE		
										EXISTING VENDOR	0,8					1 20	0.0 SPARE		
										EXISTING VENDOR	0.8					1 20	0.8 EXISTING		
										EXISTING VENDOR	0.8			/ A -	- 8	i 20	0.8 EXISTING		
										EXISTING VENDOR	0,8) - B			0.8 EXISTING		
										EXISTING VENDOR	0.8				C 12		0.8 EXISTING		
										EXISTING VENDOR	0.8				- 14		0.8 EXISTING		
										EXISTING VENDOR	80				- 16			G VENDOR	
										EXISTING VENDOR	8.0				C 18		0.8 EXISTING		
										EXISTING VENDOR	0.8				- 20			G VENDOR	
										EXISTING VENDOR	0.8				- 22 C 24		0.8 EXISTING		
										EXISTING VENDOR	0.8				- 26		0.0 SPARE		
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									<u> </u>	SPARE	0.0				- 32		0.0 SPARE		
										SPARE	0.0				- 34		0.0 SPARE		
										SPARE	0.0				C 36		0.0 SPARE		
										SPARE	0.0	20			- 38			IOSK LOAD CENTER "KES"	
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											0.0				C 42		2.5		
											NOTES 1. CON					12 20A, 1P CB			
											2. CB T	O BE RESER	WED FO	K PUTUN	EAFG				
										<u> </u>			LOA	D SU	MMAF	RY			
										LIGHTS		0.0 x					0.0 KVA		
										RECEPTACLES, FIRST 10 K	WA .	10.0 x					10.0 KVA		
										RECEPTACLES		10.0 x					5.0 KVA		
										MISC. APPLIANCES		0.0 x					0.0 KVA		
										LARGEST MOTOR		0.0 x					0.0 KVA		
										MOTORS		0.0 x					0.0 KVA		
										HEAT		<u>3.0</u> x					3.8 KVA		
										AC		4.5 x					4.5 KVA 0.0 KVA		
										WATER HEATING TOTAL CONNECTED LOAD	`	27.5 K		TO	TAL DEM/		23.3 KVA		
										TOTAL CONNECTED LOAD	,	27.9 K	**			AND AMPS	64.6 AMPS		
										CONNECTED LOAD PHASE	SUMMARY			.0			Funt d		
										PHASE A		9.7 K	VA						
										PHASE B;		8.9 K							
										PHASE C		6.4 K							
										NOTES: A. EXISTING PA		FED FROM		IV. 34. 4	W EXISTIN	G PANEL	NES" LOCATED IN A	VC SWED, RM. C219.	
										CIRCUIT #35	,37,39 -125/3P	VIA 75KVA	TRANSF	ORMER (S	SEE ATTAC	HED DWG. M	M−E−E18).		
								Brea	akers #37,39,41	8. EXISTING WIF			NEL BY:		Ð	STING WIRING	FED FROM RIGHT	SIDE OF PANEL BY:	
										* 2-1/2	" C. (WIRING FIL HNG FED FROM	LL >40%).	DANE	RY.		- z-3/4° C	i. (1-WINDING FILL	>40% & 1-EMPTY).	
										* 1-4" (. TO TRANSFOR	WER (WIRD)	GFILL	>40%).					
										* 1-1 1	/2" C. (WIRING	FILL >40%)						-	
										EXASTING WIF • 1-1/2	ang fed from " C. (Wiring Fil	LEFISIDE LL>40%().	UP PAN	EL 87:					CONTRACT NO. 14-FQ10060-CE
BEFEREN	REFEREN	JC.	E DRAWINGS			REVISIONS				· · · ·	· · · · · · · · · · · · · · · · · · ·					NFW		ONIC PAY PR	
DATE NUMBER	J		DESCRIPTION	DA	ATE BY	DESCRIPTI	TION	1	WASHINGTON	METROPOLITAN	AREA TR	ANSIT	AUT	HUR	II Y			TRORAIL ST	
DATE	—				++			-		NSIT INFRASTRUCTURE	FF -	A 644	nell F	lening	/Parson	1		GEORGIA AVENU	
10-11		-						-1					NT	VEN	TUR	E (
II-14 DATE								4		RING SERVICES		- 101				1		PANEL SCHEDUL	E
30-14			_	\equiv						FRING SERVICES TURE RENEWAL PROGRAM	SUBMITTED -	- 101				SCALE NOT TO		DRAWING NO. E05-E-102	<u> </u>



				Pre-Inspection	on Mezz	anin	e Wa	alkth	nrough Ch	ecklist
Date: (09/11/2014	4	Station Name: E	07 West Hyattsville	Mezzanine	# 077				Completed By: Tino Sahoo
Check		Та	sk		Equipmen	t			Room ID	Notes
	Verify ele matches Identify lo electrical	the field/	of the	Electrical Source Panel Na Source Breaker Name/Nur Electrical AFC Panel Name	mber:	SWBD "PANE F		cuit #6	108 108 114	
	power par	d to the A nel? Low	ect switch \FC electrical or High voltage orts required?	Disconnect Name/Numbe SMNT/POWR escorts:	r: N/A HIGH Volt	age				
\checkmark	and Kiosk	between and ider	shared AFC Panel ntify additional e-energize	into a shared lgh? If Yes, otes.	NO					
V	duct, the l manholes	location c and box lity or spe	ed pathway of the of the handholes, kes and ecial escort	PLNT 🗹 COMM RAIL 🗌 CMNT Other Access/Support:	и/IT 🔲 · 🛛	ELE	s 🗌			
	Identify ha		r manhole access	Required PLNT Support for handhole/manhole access Identified Conduit/Duct Transition to mezzanine le	_{s?} YES	6 (see no 6	otes)			All conduits/ducts are one level; handhole access is required.
Emerg	ency Pow	er Verific	cation							
Check			1	Task		YES	NO	NA		Comments
	Verificatio electrical emergeno	panel is	s connected to a	o the existing schematic a Automatic Transfer Swit	if the AFC tch (ATS) /					
Notes	and Discr	epancies	5:							
Sign O	Off		GFP	Representative						WMATA PRGM
Name:		Tino Sa	lhoo			Oscar	llagan			
Signat	ure:	Tanna	un Schoo							
Date:		9/11/14								

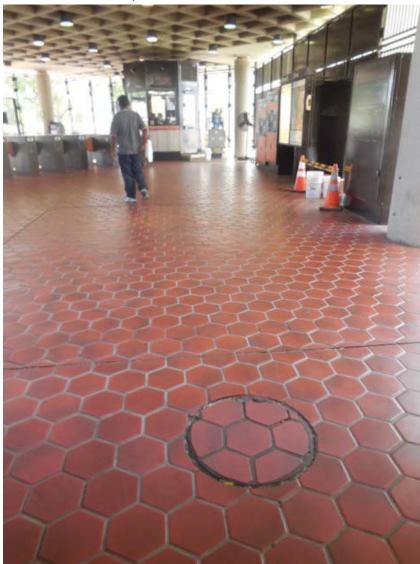


Photo #1: E07 West Hyattsville – Handhole in mezzanine floor

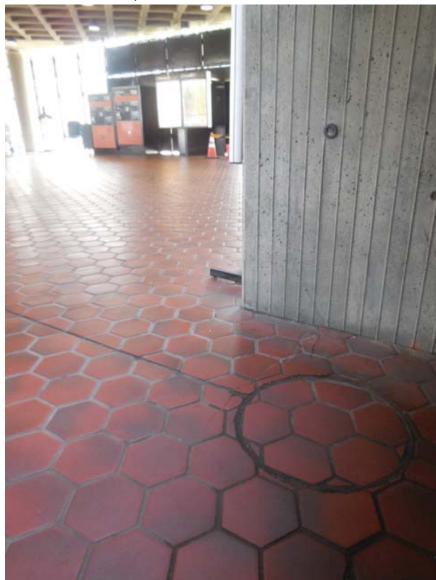


Photo #2: E07 West Hyattsville – Handhole in mezzanine floor



Photo #3: E07 West Hyattsville – Handhole in mezzanine level corridor



Photo #4: E07 West Hyattsville – Panel F in Room 108



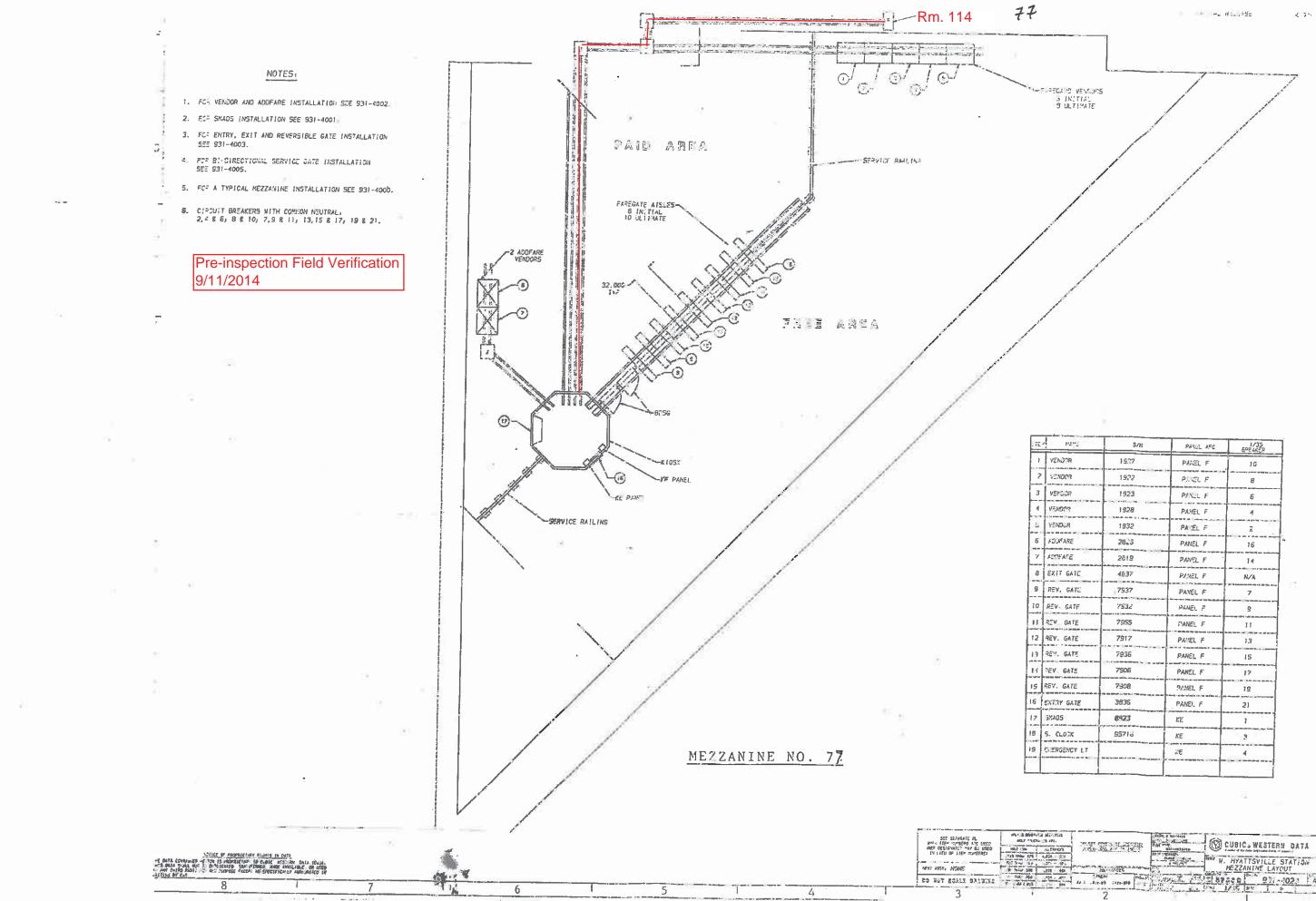
Photo #5: E07 West Hyattsville – Panel F in Room 108



Photo #6: E07 West Hyattsville – SWBD-A in Room 108



Photo #7: E07 West Hyattsville – SWBD A breaker for Panel F in Room 108



< 34 J

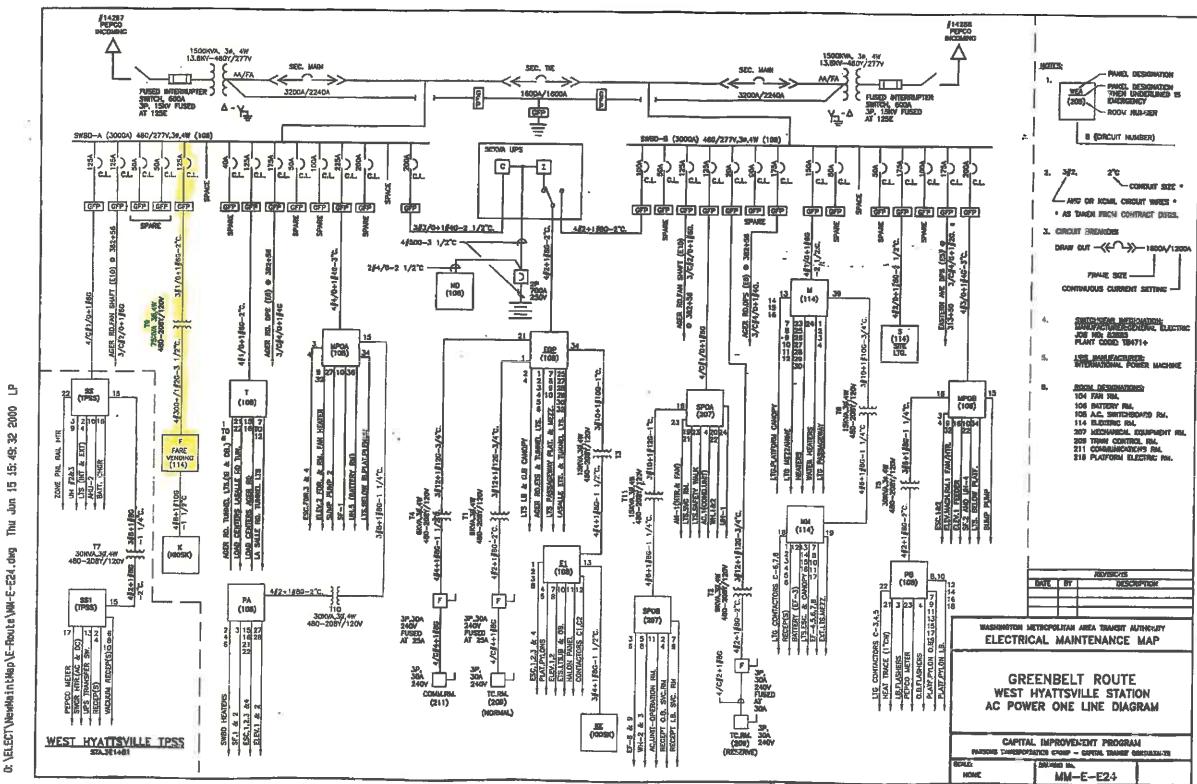
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	in the state of th	2	de Maril Hanna a Status de	12 mi 1/ 25 14 1	Dr

	Pre-inspection Field Verification					
	0/11/2014	EXISTING PANEL "F"				
	9/11/2014 AMPBRES: 250 MARKS: 250-					
	RATING: SCA 40	ARE 4 SECTION. 1 OF 1				
	LOAD DESCI	CKT BKR3 CKT. CKT. CKT. CKT. BKR5 REPTION KVA AMP POLE NO. NO POLE AMP KVA LOAD DESCRIPTION	-			
	EXISTING VENDOR	0.8 20 1 A - 2 1 23 0.8 EXISTING VENDOR				
	EXISTING VENDOR	0.8 20 1 3 5 4 1 20 0.8 EXISTING VENDOR 3.5 20 5 5 6 6 1 20 0.8 EXISTING VENDOR	-			
	EXISTING VENDOR EXISTING VENDOR	0.8 20 5 7 A 8 5 20 36 EXISTING VENDOR				
	EXETING VENDOR	0.6 20 3 8 B 10 1 20 0.6 EXISTING VENDOR]			
	Exerting vendor Exerting vendor	26 29 11 C 12 1 20 0.0 SPARE 3.8 29 1 13 A - 14 1 20 3.6 E0STING VENDOR				
	EXPTINGVENDOR	28 20 1 15 - B - 16 1 20 0.8 EXISTING VENDOR				
	EXISTING VENDOR EXISTING VENDOR	38 20 1 17 - C 18 1 20 0.0 MEW KIOSK RECEPT (17 & MEPP) 0.8 20 1 18 A 20 20 1 20 0.0 SPARE (305K)	1			
	EXISTING VENDOR	0.8 20 1 21 - B 22 1 20 33 SPARE				
	EXISTING VENDOR	0.8 20 1 23 · C 21 1 20 0.0 SPARE	-			
	SPARE EXISTING VENCOR	0.0 20 1 25 A 26 1 20 0.0 SPARE				
	SFARE	80 20 2 28 - C 30 1 20 03 SPARE				
	SPARE SPARE	0.0 20 1 31 A - 52 1 20 120 SPARE	4			
	SPARE	0,0 20 3 35 - C 36 5 20 0.0 SPARE				
	SPARE	0.0 30 3 37 A · · 38 1 20 0.0 SPARE				
		0.0 41 C 42 1 20 0.0 SPARE				
		NOTES: 1. CONNECT NEW FEEDER TO EXISTING SPARE 26A, 1P CB				
		2, CH TO BE RESERVED FOR FUTURE AFC				
			4 1 1			
		LOAD SUMMARY				
	LIGHTS	09 x 125% 0.0 KVA				
	LIGHTS RECEPTACLES, FRO RECEPTACLES	09 x 125% 0.0 KVA				
	RECEPTACLES, FR: RECEPTACLES MISC APPLIANCES	09 x 125% 0.0 KVA 57 10 KVA 13 0 x 100% 6.0 x 50% 3.4 KVA 0.0 x 100% 0.0 KVA				
	RECEPTACLES, FR: RECEPTACLES MISC APPLIANCES LARGEST MOTOR	39 x 125% 0.0 KVA 57 10 KVA 130 x 100% 10.0 KVA 6.0 x 50% 3.4 KVA 0.0 x 100% 0.0 KVA 0.0 x 100% 0.0 KVA 0.0 x 125% 0.0 KVA				
	RECEPTACLES, FR: RECEPTACLES MISC APPLIANCES	09 x 125% 0.0 KVA 57 10 KVA 130 x 100% 10.0 KVA 6.0 x 50% 3.4 KVA 0.0 x 100% 0.0 KVA 0.0 x 100% 0.0 KVA 0.0 x 125% 0.0 KVA				
	RECEPTACLES, FRS RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC	39 x 125% 0.0 KVA 57 10 KVA 130 x 100% 10.0 KVA 6.8 x 50% 3.4 KVA 0.0 x 100% 0.0 KVA 0.0 x 125% 0.0 KVA 0.0 x 125% 0.0 KVA 0.0 x 100% 0.0 KVA				
	RECEPTACLES, FR: RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT	0 9 x 125% 0.0 KVA 57 10 KVA 13 0 x 100% 10.0 KVA 6.9 x 50% 3.4 KVA 0.0 x 100% 0.0 KVA 0.0 x 125% 0.0 KVA				
	RECEPTACLES, FRE RECEPTACLES MISC APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED	0 9 x 125% 0.0 KVA 57 10 KVA 13.0 x 100% 10.0 KVA 6.9 x 50% 3.4 KVA 0.0 x 100% 0.0 KVA 0.0 x 100% 0.0 KVA 0.0 x 125% 0.0 KVA 0.1 x 125% 0.0 KVA				
	RECEPTACLES, FRS RECEPTACLES MISC APPLANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED CONNECTED LOAD	0 9 x 125% 0.0 KVA 57 10 KVA 13.0 x 100% 10.0 KVA 6.9 x 50% 3.4 KVA 0.0 x 100% 0.0 KVA 0.0 x 100% 0.0 KVA 0.0 x 125% 0.0 KVA 0.1 x 125% 0.0 KVA				
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	RECEPTACLES, FRS RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A. PHASE 5:	0 9 x 125% 0.0 KVA 57 10 KVA 100 kVA 6.8 x 50% 3.4 KVA 0.0 x 100% 0.0 KVA 0.0 x 125% 0.0 KVA 0.1 X 100% 0.0 KVA 0.2 X 100% 0.0 KVA 0.4 KVA TOTAL DEMAND AMPS 7.2 AMPS 6.6 KVA 6.6 KVA 6.6 KVA 6.8 KVA 6.8 KVA 6.8 KVA 6.8 KVA 6.8 KVA 6.8 KVA				
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	RECEPTACLES, FRS RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOT ORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A. PHASE B. FHASE S: NOTES: A. DOSTR R. DOSTR * 1	99 x 125% 0.0 KVA 57 10 KVA 130 x 100% 10.0 KVA 6.8 x 50% 3.4 KVA 0.0 x 100% 0.0 KVA 0.0 x 125% 0.0 KVA 0.1 KVA TOTAL DEMAND KVA 13.4 KVA TOTAL DEMAND AMPS 0.1 KVA 4.1 KVA 6.8 KVA 6.4 KVA 6.8 KVA 6.4 KVA 6.9 KVA 6.8 KVA 6.9 MKMA TRANSFORMER (SEE ATTACHED DWG, MIL-E-E24). 6 MKMA FED FROM TOP OF PANEL EN: 6 MKMA FED FROM TOP OF PANEL EN:				
	RECEPTACLES, FRR RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A. PHASE B. PHASE B. PHASE B. PHASE S: NOTES: A. DOSTR CRCM B. EQSTR 1 1 1	00 x 125M 0.0 KVA 10 KVA 10 kVA 10 kVA 10 kVA 0.0 x 100% 0 kVA 0.0 x 125% 0 kVA 13.4 KVA 4.8 KVA 4.8 KVA 4.8 KVA 4.9 KVA 4.8 KVA 4.9 KVA 4.8 KVA 14.8 KVA 4.8 KVA 14.9 KVA 5.8 KVA 1				
	RECEPTACLES, FRS RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A. PHASE B. PHASE B. PHASE B. PHASE C. NOTES: A. DOSTIN CORCUR B. DOSTIN 4 1 4 1	99 x 125% 0.0 KVA 57 10 KVA 10.0 kVA 10.0 x 100% 10.0 kVA 0.0 x 100% 0.0 kVA 0.0 x 125% 0.0 kVA 0.10AD 18.8 kVA 6.8 kVA 6.8 kVA 6.8 kVA 6.8 kVA 6.9 kVA 6.9 kVA 6.9 kVA 6.9 kVA 6	CONTRACTINO			
	RECEPTACLES, FRS RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE D. PHASE D. PH	$30 \times 125\%$ 0.0 KVA 57 10 KVA $30 \times 125\%$ 10.0 KVA $00 \times 100\%$ 0.0 KVA $00 \times 125\%$ 0.0 KVA $0.0 \times 125\%$ 0.0 KVA </td <td>14-FQ10060-CENI-24</td>	14-FQ10060-CENI-24			
	RECEPTACLES, FRE RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASE A. PHASE B. FHASE B. FHASE B. FHASE B. FHASE B. FHASE C. NOTES: A. DOSTIN CRCM B. DOSTIN * 1 EXENUE * 1	$00 \times 125\%$ 0.0 KVA $57 10 \text{ KVA}$ $100 \times 100\%$ $00 \times 10\%$ $00 \times 125\%$ $00 \times 10\%$ $00 \times 100\%$ $00 \times 10\%$	14-FQ10060-CENI-24 OGRAM (NEPP)			
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DESIGNED 6. 1800 09-16 HRR/MER DESCRIPTION DATE BY DRAYN C. 1809 09-16 0	RECEPTACLES, FRE RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED LOAD PHASEA. PHASEB. FHASE 5: NOTES: A. DOSTR CROWN B. DOSTR 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	09 x 125% 0.0 KVA 57 10 KVA 130 x 100% 6.9 x 50% 3.4 KVA 0.0 x 100% 0.0 KVA 0.0 x 125% 0.0 KVA 0.1 CAD 18.8 KVA 6.8 KVA 6.4 KVA 6.4 KVA 6.4 KVA 6.4 KVA 6.4 KVA 6.7 V ITANA REA TRANSFORMER (SEE ATTACHED DWO, MM -E-E24). 0 WIRMO FED FROM NOP OF PANEL BY: -14" C. (WIRING FIL >400%).	14-FQ10060-CENI-24 OGRAM (NEPP) ATIONS E			
DESIGNED C. 100 00-16 NERMBER DESCRIPTION DATE BY	RECEPTACLES, FRX RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED CONNECTED LOAD PHASE A. PHASE B. FHASE B. FHASE B. FHASE B. FHASE C. NOTES: A. DOSTIN B. DOSTIN B. DOSTIN 1 1 1 SIONS WASHINGTON METROPO DEPARTMENT OF TRANSIT INFRASTRUCTU AND ENGINEERING SERVICES	99 x 125% 0.0 KVA 57 10 XVA 13.0 x 100% 10.0 KVA 6.5 x 50% 3.4 KVA 0.0 x 100% 0.0 KVA 0.0 x 125% 0.0 KVA 0.0 KVA 0.0 KVA	14-FQ10060-CENI-24 OGRAM (NEPP) ATIONS E			
DESIGNED C. NO DATE BY DATE DESCRIPTION DATE BY DATE DATE DATE DATE DATE DATE DATE DATE	RECEPTACLES, FIRS RECEPTACLES MISC APPLIANCES LARGEST MOTOR MOTORS HEAT AC WATER HEATING TOTAL CONNECTED CONNECTED LOAD PHASE A. PHASE B. PHASE B. PHASE B. PHASE B. PHASE C. MOTES: A. DOSTIN CROWN B. DOSTIN 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	09 x 125% 0.0 KVA 57 10 KVA 130 x 100% 10.0 KVA 68 x 50% 3.4 KVA 0.0 x 100% 0.0 KVA 0.0 x 100% 0.0 KVA 0.0 x 100% 0.0 KVA 0.0 x 125% 0.0 KVA 0.1 CAD 15.8 KVA 6.8 KVA 4.8 KVA 6.4 KVA 4.8 KVA 6.4 KVA 4.8 KVA 6.4 KVA 4.8 KVA 6.4 KVA 4.8 KVA 6.7 KVA 6.8 KVA 6.8 KVA 4.8 KVA 6.9 KVA 5.8 KVA 6.9 KVA<	14-FQ10060-CENI-24 OGRAM (NEPP) ATIONS E			

Pre-inspection Field Verification 9/11/2014



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Pre-Inspection Mezzanine Walkthrough Checklist												
Date: 09/11/2014 Station Name: F			Station Name: P	rince George's Plaza	Mezzanine # 078						Completed By: Tino Sahoo	
Check	Check Task			Equipment				Room ID	Notes			
V	Verify electrical power design matches the field/record. Identify locations of the electrical equipment.			Electrical Source Panel Name/Number: Switchboard #1 Source Breaker Name/Number: Electrical AFC Panel Name/Number: KESS					t #2	30 30 10	Switchboard #1 located in AC SWBD Room 130. AFC Panel "KESS" located in Room 210 on mezzanine floor.	
	power par	d to the A nel? Low	ect switch AFC electrical or High voltage orts required?	Disconnect Name/Number: N/A SMNT/POWR escorts: HIGH Voltage								
\checkmark	raceway and Kiosk	heck if there is a shared inceway between AFC Panel and Kiosk and identify additional burce panels to de-energize										
V	duct, the l manholes	location c and box lity or spe	ed pathway of the of the handholes, kes and ecial escort	PLNT Z COMM / IT ELES RAIL CMNT COMM / IT C ELES C CMNT C CMNT C CMNT C CMNT C CMNT AFC								
	Identify ha		r manhole access	Required PLNT Support for handhole/manhole access?YES (see notes)Identified Conduit/Duct Transition to mezzanine level?NO					All conduits/ducts are on one level.			
Emergency Power Verification												
Check			1	Task		YES	NO	NA			Comments	
				to the existing schematic if the AFC a Automatic Transfer Switch (ATS) /								
Notes and Discrepancies:												
Sign Off GFP Representative			Representative			WMATA PRGM						
Name: Tino Sahoo												
Signature: Jaamara Achoo			una Schoo									
Date: 9/11/14												



Photo #1: E08 Prince George's Plaza –Handhole in mezzanine floor



Photo #2: E08 Prince George's Plaza – Bottom of Panel KESS in room 210



Photo #3: E08 Prince George's Plaza – Panel KESS in room 210



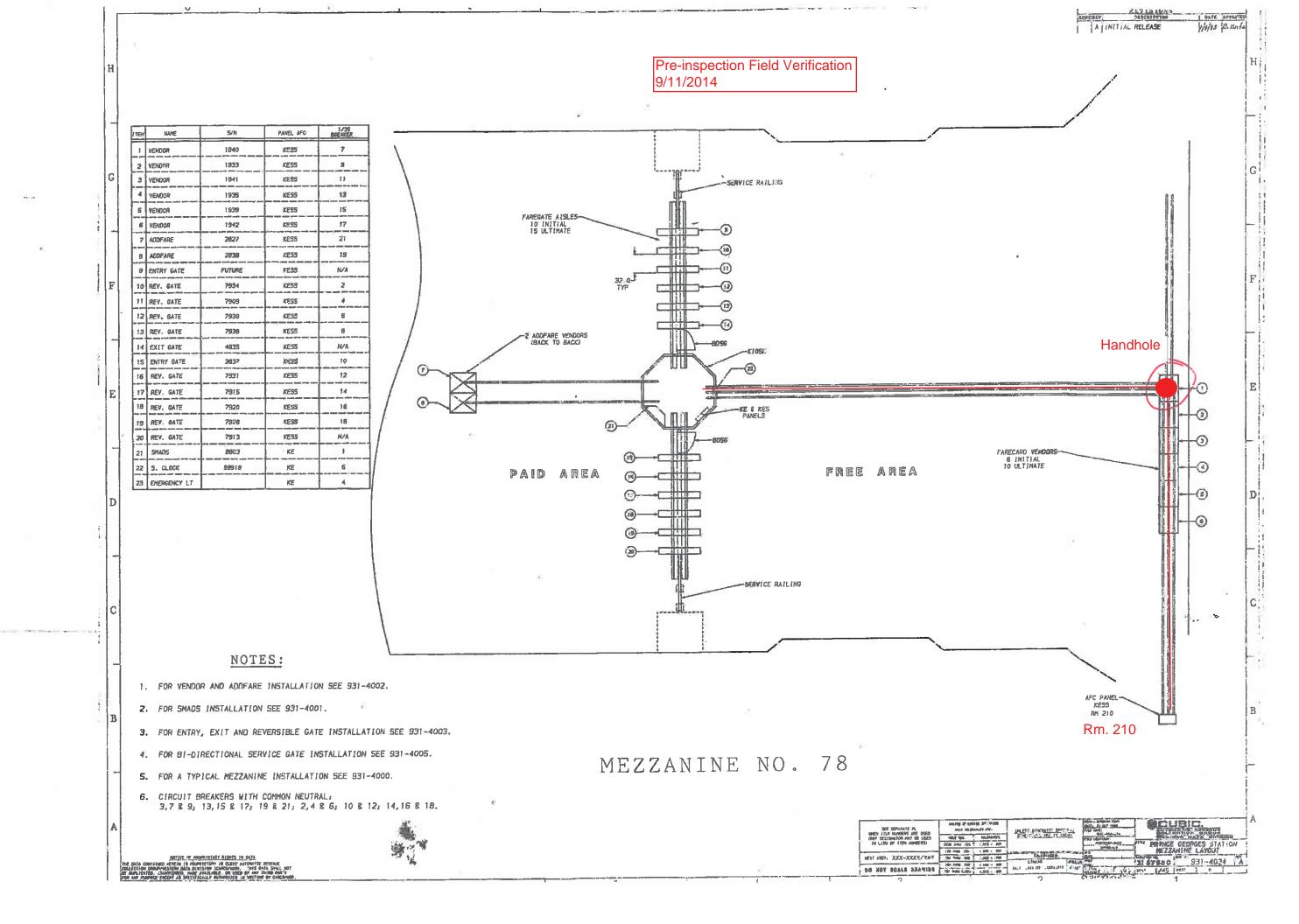
Photo #4: E08 Prince George's Plaza – Panel KESS in room 210



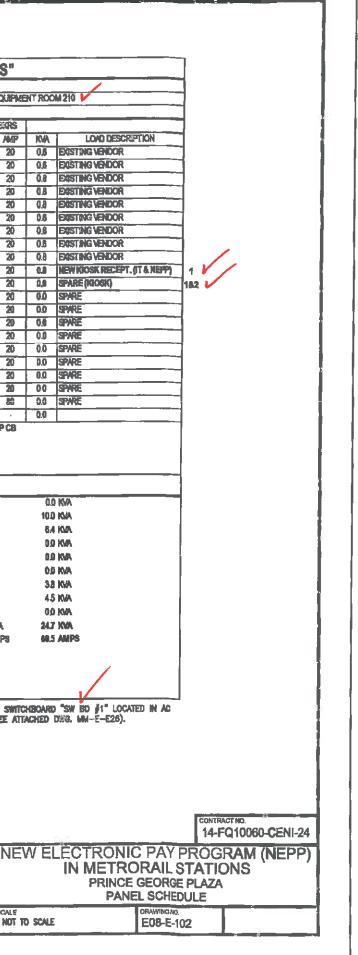
Photo #5: E08 Prince George's Plaza – SWBD breaker for Panel KESS in room 130 near track#1

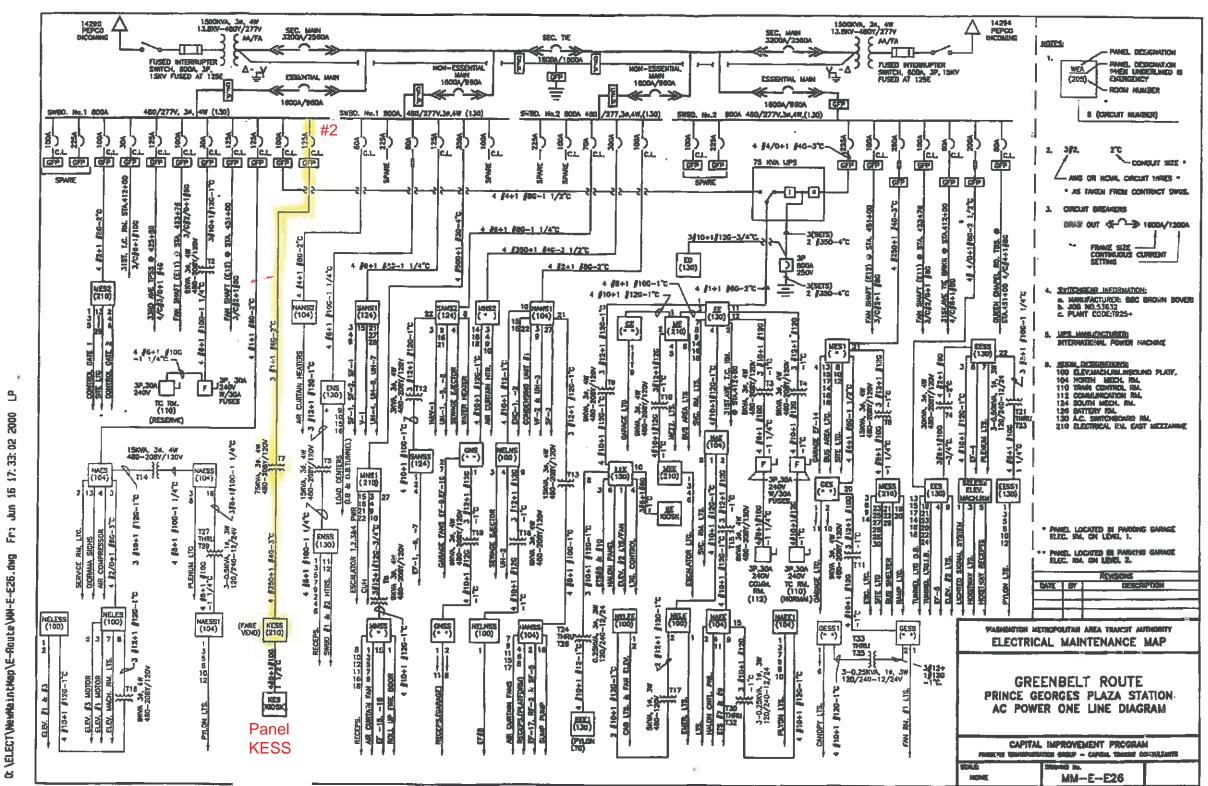


Photo #3: E08 Prince George's Plaza – Top of Panel KESS in room 210



						Dra-inchasti	on Field Verifi	ication			EX	IST	NGI	PAN	EL "K	222
									AND ERES 400	VOLTS	120208				SURFICE	
1						9/11/2014			MARIS: 250AMCE	PHASE			LOCATI		ELECTRIC/	ALEQU
									RATING: KOKAIC	WIRE			SECTIO			
										_	CKT E		CKT.		CKT. C	
									LOAD DESCRIPTION	KVA 5 2.9			NO.			
									EAST. NOSKLOAD CENTER WE	2.5	30	•	1	- B -		
										2.5		-	5.			
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									EXISTING VENDOR	0,6	20	1	9 -	- B -	10 1	
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									ENSTING VENDOR	8.0	20	1			14 1	_
									EXISTING VENDOR	0.8	20 20	1	15		16 1	
									EXISTING VENDOR	0.8					20	
									EXISTING VENDOR	0.8	20	1			22 1	
									EASTING VENDOR	0.6	20	1	23 -	0	2/ 1	
									EASTING VENDOR	0.8	20	1			26 1	
									EASTING VENDOR	8.0	20	1			28 1	
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									EXISTING VENDOR	0.0	20			- B -		_
									EXISTING VENDOR	8.0	20	1			36 1	
									EXISTING VENDOR	0.8	20	1		<u></u>		
									EOSTING VENDOR	0.8	20	1			40 2	
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										2.68.10	0E RESE				FC	
									LIGHTS		00	x 125%			19498 - 95 - 9	_
									RECEPTACLES, FIRST 10 KVA RECEPTACLES		10.0	x 1009 x 50%				
									MISC. APPLIANCES		0.0	x 100%				
									LARGEST MOTOR			x 125%				
									MOTORS			x 100%				
									HEAT			x 125%				
												x 100% x 125%				
									WATER HEATING Total connected load		0,0 50,3		1	TOT/	L DEMAND	
										(Arrest	98.4	95.98%			L DESAND	
									CONNECTED LOAD PHASE SUM FHASE A	LANCT	10,9					
									PHASE 8:	/	-	NYA .				
									PHASEC:	V		KVA				
									NOTES: A EXISTING PANEL SWED. RH, 130,		2-125/	3P W	75KV	a t ra i	SFORMER	ING S
									B. EQSTING WIRING	FED FRG			CHILD IN			
									8. EQISTING WIRING * 1-4" C. TO * 2-3/4" C. * 1-1/2" C.	FED FIRCE TRANSFC (WREING I (WREING I	RLIER () TLL >40 TLL >40	VIRING %). %),		-		
									8. EXISTING WIRING 1 1-4" C. TO 2-3/4" C.	FED FRC: TRANSFC (WIRING I (WIRING I FED FRC: 1 1/2" EMPTY CC	RHER (V TLL >40 TLL >40 TLL >40 TLL >40 TLOOR D NOLIT.	VIRING %). %), MI OF	PANEL	BY:	14 0%).	
		- (;	REFERENCE DRAWINGS	1		REVISIONS			8. EXISTING WIRKING * 1-4" C. TO • 2-3/4" C. • 1-1/2" C. EXISTING WIRKING • 2-8 1/2"x • 1-1 1/2" I • 1-3/4" EM	FED FIRCE TRANSFC (WERING I (WERING I FED FIRCE 1 1/2" EMPTY CONE PTY CONE	RHER (V TLL >40 TLL >40 I BOTTOI FLOOR D NOUT. UIT.	WRING %). %), M OF UCT (PANEL WERNG	BY: Fill :		N
	B-H DATE	NIMBER	REFERENCE DRAWINGS	DATE	BY	REVISIONS DESCRIPTION			8. EQSTING WARING * 1-4" C. TO • 2-3/4" C. • 1-1/2" C. EQSTING WARING * 2-8 1/2"x • 1-1 1/2" • 1-3/4" EM ETROPOLITAN ARE	FED FRC TRANSFC (WRING I (WRING I (WRING I (WRING I FED FRC I 1 1/2" I I 1/2" I I 1/2" COND FTY COND	READER (V TILL >40 TILL >40 I BOTTOI FLOOR D NOUT. UIT.	WRING \$1). \$1). MI OF UCT (1	PANEL WIRING	BY: FILL : ORI	TY	
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AMN <u>L.199</u>		BUMBER		DAYE	BY				8. EQSTING WIRING 1 1-4" C. TO 2-3/4" C. 1 1-1/2" C. EQUIDATION WIRING 2-8 1/2"x 1 1-1 1/2" I 1 1-3/4" EMI ETROPOLITAN ARE INFRASTRUCTURE SERVICES	FED FRC TRANSFC (WRING I (WRING I (WRING I (WRING I FED FRC I 1 1/2" I I 1/2" I I 1/2" COND FTY COND	REALER (V TILL >40 TILL >40 I BOTTOI BOTTOI FLOOR D NOUT. UIT.	WRING \$). \$). M OF UCT (T AI		BY: FILL : ORI	TY	
Designed <u>L. 200</u> Dramn <u>L. 190</u> Checked <u>B. 900</u> VPPROVED <u>4</u> 0	DATE	MUMBER		DATE	BY			DEPARTMENT OF TRANSIT AND ENGINEERING	8. EQSTING WIRING 1 1-4" C. TO 2-3/4" C. 1 1-1/2" C. EQUIDATION WIRING 2-8 1/2"x 1 1-1 1/2" I 1 1-3/4" EMI ETROPOLITAN ARE INFRASTRUCTURE SERVICES	FED FRC TRANSFC (WRING I (WRING I FED FRC 1 1/2" EMPTY COND FTY COND	REALER (V TILL >40 TILL >40 I BOTTOI BOTTOI FLOOR D NOUT. UIT.	WRING \$). \$). # OF UCT (T AU * 1 * *		BY: FILL : ORI	TY	



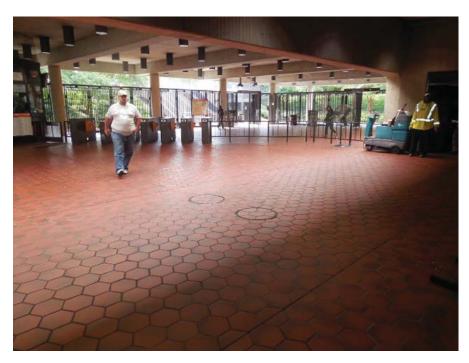


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Pre-inspection Field Verification 9/11/2014

				Pre-Inspection	on Mezz	anin	e Wa	alkth	nrou	igh Ch	ecklist
Date: (09/11/2014	4	Station Name: E	09 College Park	Mezzanine	# 079					Completed By: Tino Sahoo
Check		Та	sk		Equipmen	t				Room ID	Notes
				Electrical Source Panel Na	ame/Number:	CL				C100/104	Located in room C104, which is inside room C100.
\checkmark	Verify ele matches Identify lo	the field/		Source Breaker Name/Nur	nber:	Disconr	nect Sw	itch "DS	64/T4"	C100/104	
	electrical	equipme	ent.	Electrical AFC Panel Name	e/Number:	F1				C100/104	
		d to the A	ect switch AFC electrical or High voltage	Disconnect Name/Number	r: DS4/T4					C104	
			orts required?	SMNT/POWR escorts:	LOW Volta	age					
\checkmark	and Kiosk	between and ider	shared AFC Panel ntify additional e-energize	Do AFC Panel loads feed in raceway e.g. trench or trou specify source panels in no	gh? If Yes,	NO					
	duct, the I manholes	location c and box lity or spe	ed pathway of the of the handholes, kes and ecial escort	PLNT COMM RAIL CMNT Other Access/Support:	ı∕ıт □ □	ELES	3				
		andhole o	or manhole access	Required PLNT Support for handhole/manhole access Identified Conduit/Duct	VEC	s (see no	otes)				Handhole access required in hallway on mezzanine floor. All conduits / ducts and on the same level.
				Transition to mezzanine le	evel?	,					
Emerg Check	ency Pow	er Verific		ask		YES	NO	NA			Comments
Check							NO	INA			Comments
		panel is	s connected to a	o the existing schematic a Automatic Transfer Swit				V			
Notes	and Discre	epancies	3:								
Sign O	Off		GFP	Representative							WMATA PRGM
Name:	:	Tino Sa	ihoo								
Signat	ure:	Tan	nena Data	wo							
Date:											

Photo #1: E09 College Park – Handholes in Mezzanine Floor





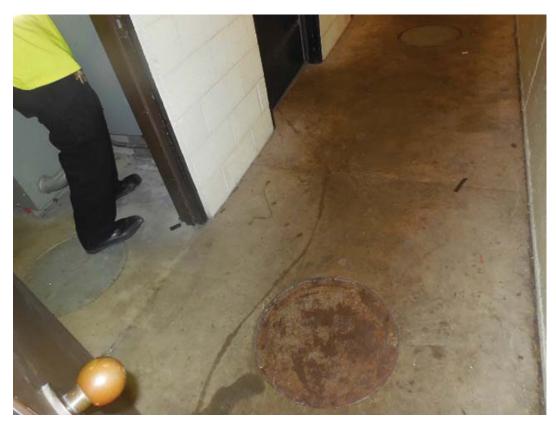




Photo #3: E09 College Park – Ducts at bottom of Panel F1 in Room C104



Photo #4: E09 College Park – Panel F1 in Room C104



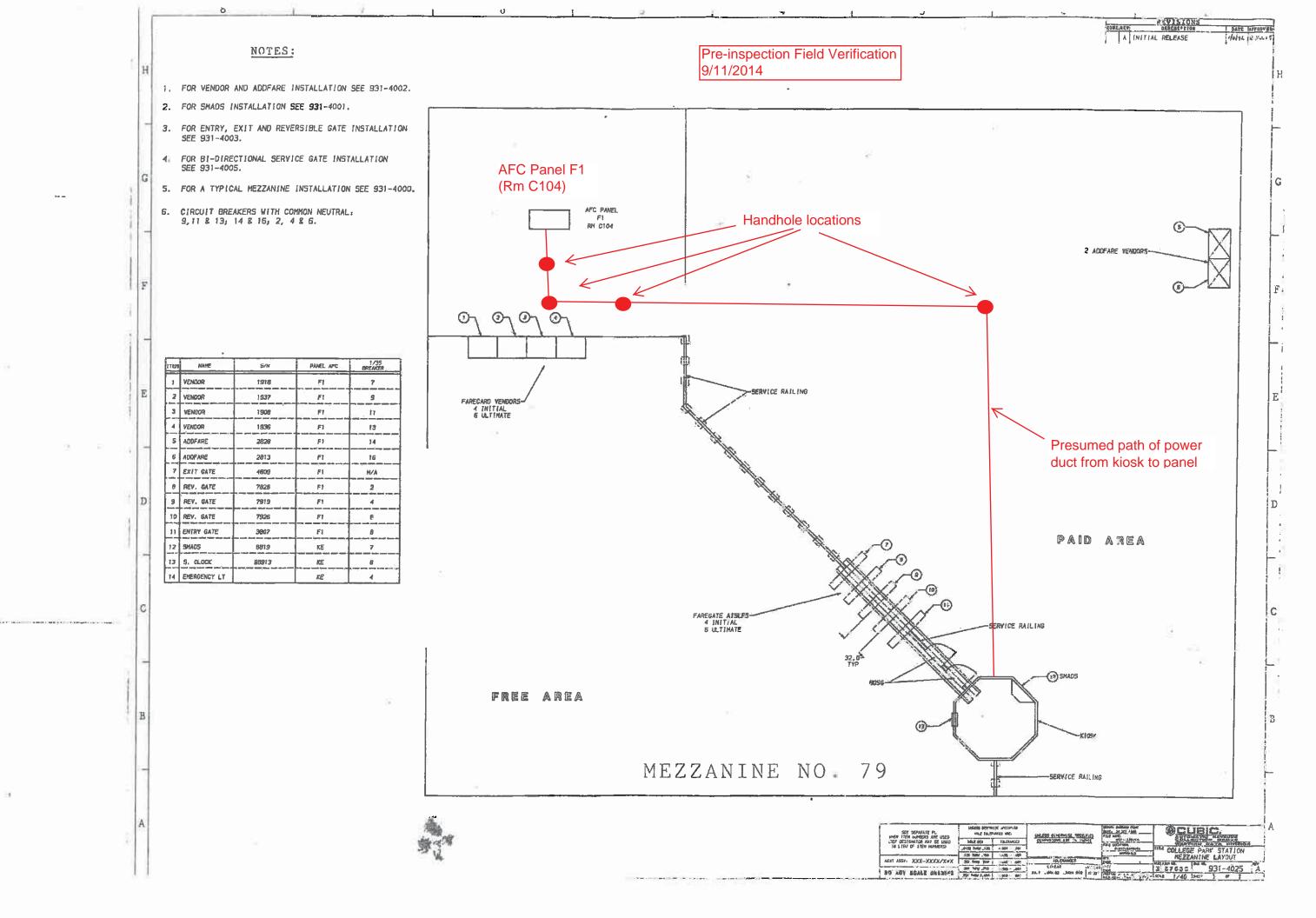
Photo #5: E09 College Park – Panel F1 in Room C104



Photo #6: E09 College Park – Schedule of Panel F1 in Room C104



Photo #7: E09 College Park – Disconnect Switch DS4/T4 in Room C104

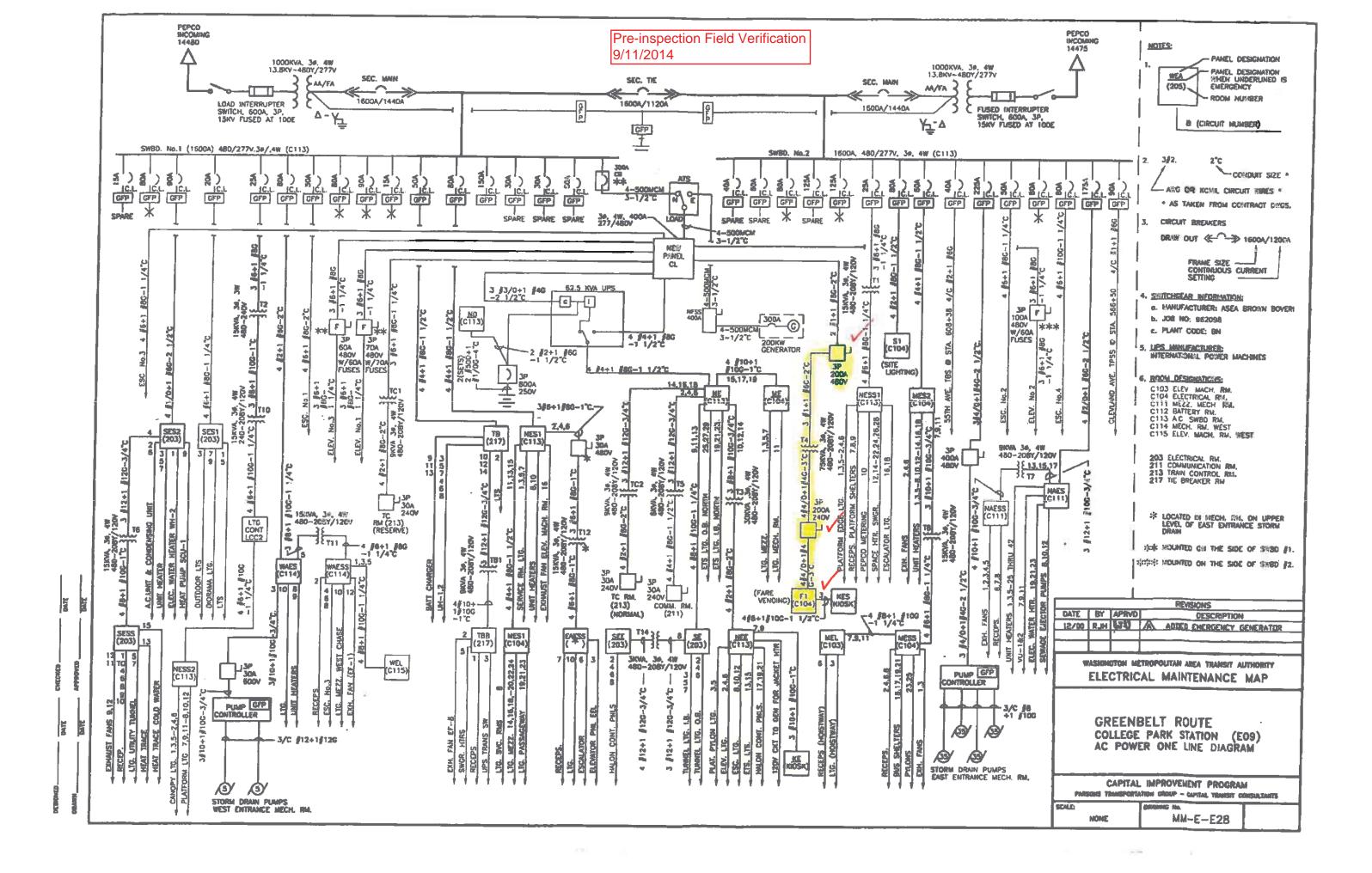


Pre-inspection Field Verification 9/11/2014

CRT BIRS CRT CR			_						
MAPERES: 250 WOLTS: 120205 MOUNTWG: SURFACE MAINS: 250AMCB PHASE: 3 LCCATON: ELCC.EQUP RATING: 10K AC WRAE: 3 LCCATON: ELCC.EQUP RATING: 10K AC WRAE: 4 SECTION: 10F1 RATING: LOAD DESCRIPTION KWA AMP POLE NO NO. POLE NEW KIGOSK RECEPT. (JT & NEPP) 0.8 20 1 1 A 2 1 SPARE (MOSK) 0.8 20 1 1 -C 1 1 -C 1 SPARE (MOSK) 0.8 20 1 1 -C 1			E	XIS	TIN	G PA	NEL	"F	ľ
MANNS: 250.AMICB PHASE: J. LCCAT CN: ELEC. EQUP RATING: MANNS: 10K/AC WRRE: 4 SECTON: 1 OF 1 MANNS: 200 1 1 A 2 1 MANNS: 200 1 5 - C 6 1 SPARE: 0.0 20 1 5 - C 6 1 EXISTING VENDOR 0.8 20 1 11 - C 12 1 EXISTING VENDOR 0.8 20 1 13 A 14 1 EXISTING VENDOR 0.8 20 1 13 A 20 1 EXISTING VENDOR 0.8 20 1 16 - 21 16 <td>ANPERES: 250</td> <td>VOLTS</td> <td>-</td> <td></td> <td>_</td> <td></td> <td></td> <td>_</td> <td></td>	ANPERES: 250	VOLTS	-		_			_	
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	REFERENCE DRAWINGS	REVISIONS	
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				Pre-Inspection	on Mezz	anin	e Wa	alkth	nrough Ch	necklist
Date: (09/11/2014	4	Station Name: E	10 Greenbelt	Mezzanine	# 080				Completed By: Tino Sahoo
Check		Та	sk		Equipmen	t			Room ID	Notes
V	Verify ele matches Identify lo electrical	the field/	of the	Electrical Source Panel Na Source Breaker Name/Nu Electrical AFC Panel Nam	mber:	Switchb Disconr Panel F	nect Swi		C106 C106 C100/10	6
\checkmark	power par	d to the A nel? Low	ect switch \FC electrical or High voltage orts required?	Disconnect Name/Numbe SMNT/POWR escorts:	r: NO NAME				C106	
	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,	NO			C106	
V	duct, the I manholes	location o and box lity or spe	ed pathway of the of the handholes, kes and ecial escort	PLNT 🗹 COMM RAIL 🗌 CMNT Other Access/Support:	и / IT 🔲 - 🗌	ELES	3			
	Identify ha requireme		r manhole access	Required PLNT Support for handhole/manhole access Identified Conduit/Duct Transition to mezzanine le	_{s?} Yes	6 (see no	otes)			Handhole access required. All conduits/duct are on one level.
Emerg	ency Pow	er Verific	cation	-						
Check			1	Task		YES	NO	NA		Comments
		panel is	s connected to a	o the existing schematic Automatic Transfer Swit				7		
Notes	and Discr	epancies	S:							
Sign O	Off		GFP	Representative						WMATA PRGM
Name:		Tino Sa	lhoo							
Signat	ture:	Tann	rena Jah	w						
Date:	9/11/14									



Photo #1: E10 Greenbelt – Handholes at Mezzanine

Photo #2: E10 Greenbelt – Handholes at Mezzanine

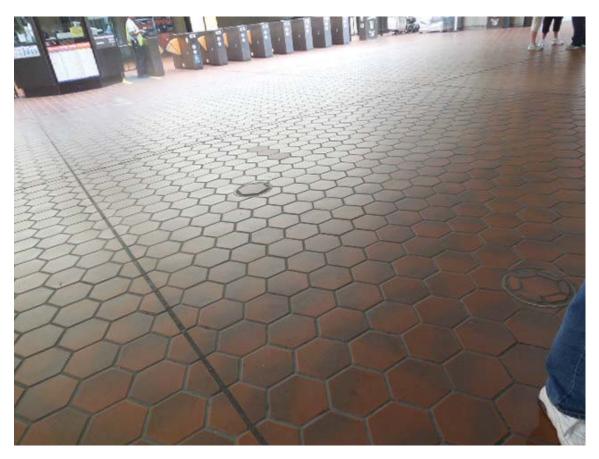




Photo #3: E10 Greenbelt – Panel FF in Room C106



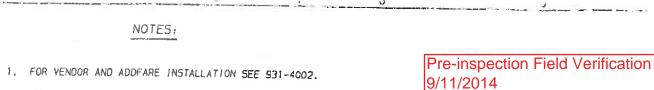
Photo #4: E10 Greenbelt – Ducts below Panel FF in Room C106



Photo #5: E10 Greenbelt – Disconnect Switch in Room C106



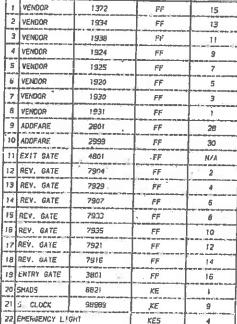
Photo #6: E10 Greenbelt – SWBD #2 breaker for Panel FF in Room C106



- 2. FOR SMADS INSTALLATION SEE 931-4001.
- 3. FOR ENTRY, EXIT AND REVERSIBLE GATE INSTALLATION SEE 931-4003.
- 4. FOR BI-DIRECTIONAL SERVICE SEE 931-4005.
- 5. FOR A TYPICAL MEZZANINE IN
- 6. CIRCUIT BREAKERS WITH COMM 13 & 15, 7,9 & 11, 1,3 & 5, 8,10 & 12, 14 & 16.

NAME

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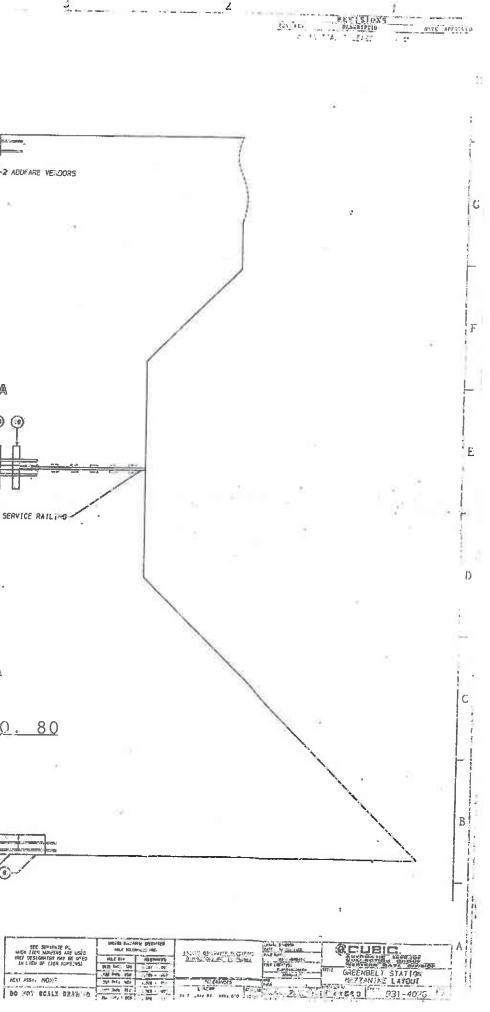
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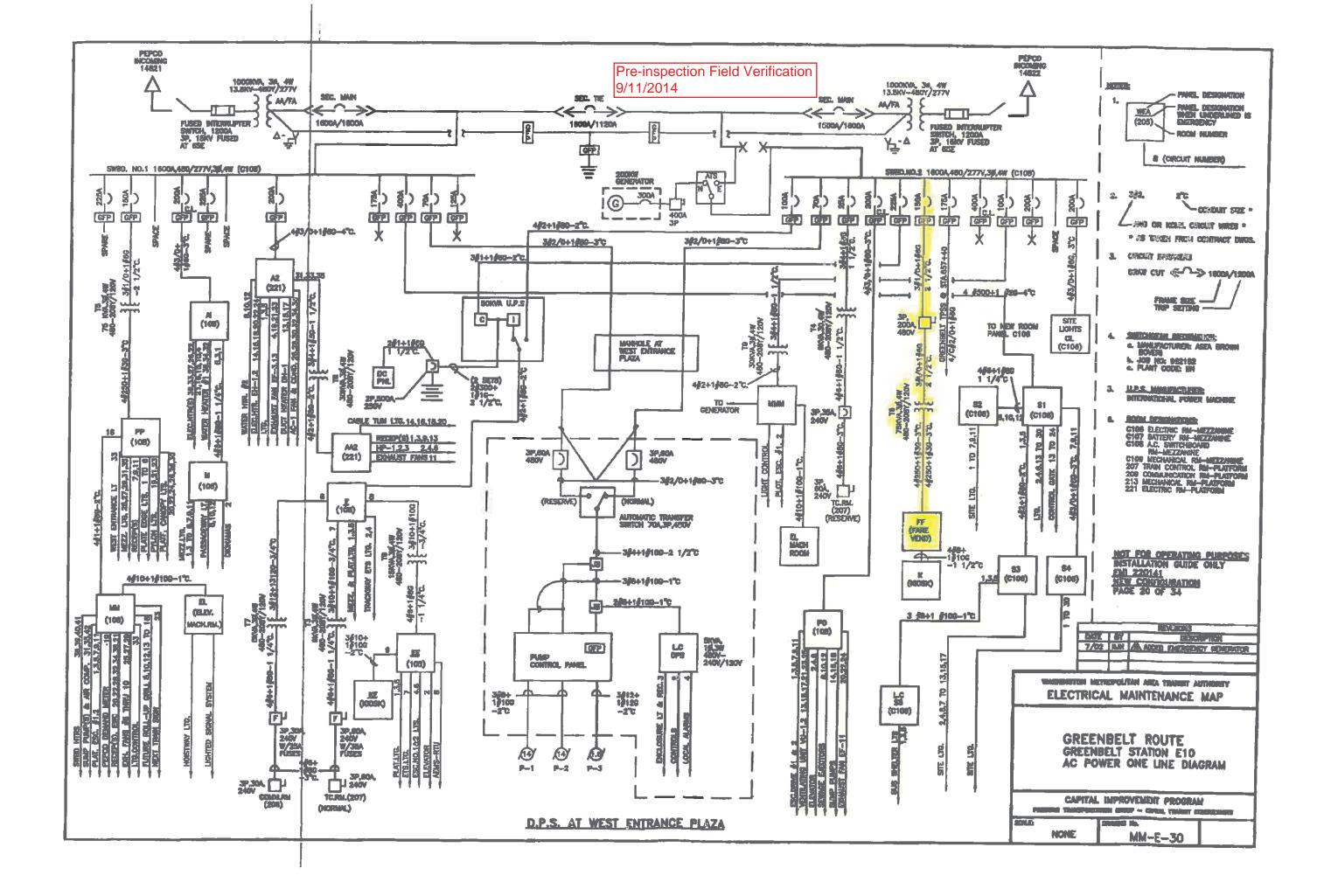
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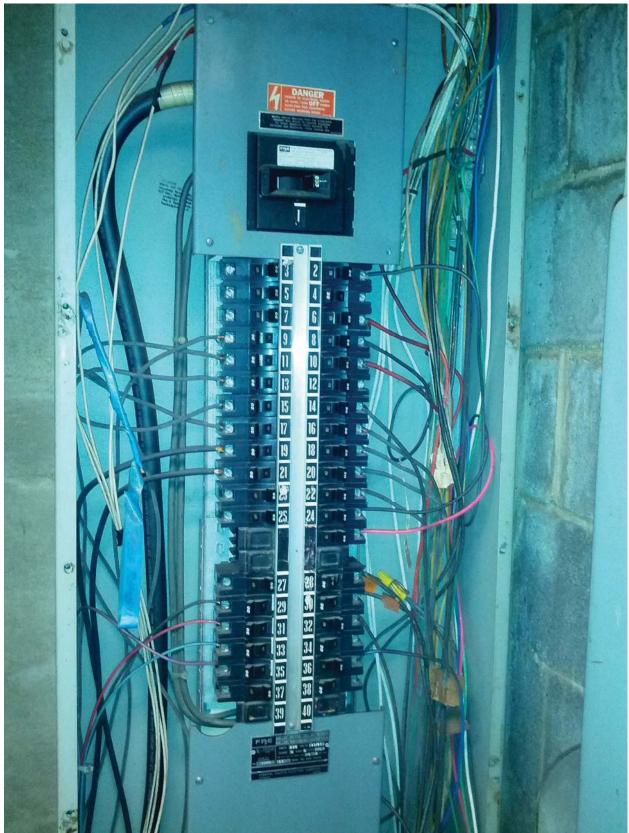


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	20 20	0.0	SPARE SPARE			
	30	33	EXIST KOSKLOAD	CENTER KEST		
,		25				
	14	2.5				
QA,	,1PCB					
_						
r						
			KAA		j	
			KVA		I	
			KVA ISA			
			KVA KVA			
			KVA	1		
			KVA	1		
		45	KVA			
		00	KVA			
) K	VA	26.3	KVA			
X	HPS .	72.9	ANPS	I	1	
						- 1
	found to		HRU 200A DISC. SN		lu.	- 1
	DWG. M			· LUCATED IN		
						1
					I	
				CON	TRACT NO	
					-FQ10060-CENI-24	
N			TRONIC P	AYPRO	GRAM (NEPP)	1
1 14		 IN	METROR/	AL STAT	IONS /	
		21.4		NBELT		- 1
				CHEDULE		
CAL		12		VINO NO.		
NÜ	T TO SCA		161	0-E-102		
						1



				Pre-Inspection	on Mezz	anin	e Wa	alkth	rough	n Che	ecklist
Date: (08/28/2014	Ļ	Station Name: F	02 Archives	Mezzanine	# 081					Completed By: Tino Sahoo
Check		Tas	sk		Equipmen	t			R	loom ID	Notes
V	Verify ele matches Identify lo electrical	the field/ cations o	of the	Electrical Source Panel Na Source Breaker Name/Nu Electrical AFC Panel Nam	mber:		ect Swi	tch - "Dis	203 sc. 203 203	3	AFC Panel (MF) is fed from/tapped from existing Panel (MM). AC SWBD Room is 113 and located Platform level on Track 1 Wayside (SWBD. NB and Panel NE is located here);
\checkmark	power par	to the A nel? Low	ect switch NFC electrical or High voltage orts required?	Disconnect Name/Numbe SMNT/POWR escorts:	^{r:} "Disc. MF" HIGH ANE		OLTA	GE	203	3	Disconnect Switch ("Disc. MF") will be used to de-energize AFC Panel (MF).
\checkmark	and Kiosk	between and ider	shared AFC Panel htify additional e-energize	Do AFC Panel loads feed i raceway e.g. trench or trou specify source panels in no	ugh? If Yes,	YES (s	see not	es)	203	3	With a shared raceway (trough), multiple other panels have to be de-energized. Panel MPO (Breaker: "Panel MPO" Circuit #1, SWBD NB); Panel M (Breaker: "Panel M" Circuit #5, SWBD NB); Panel ME (Breaker: Circuit #18 3PH, Panel NE (Room #113);
√	duct, the le manholes	ocation o and box ity or spe	ed pathway of the of the handholes, tes and ecial escort	PLNT Z COMM RAIL CMNT Other Access/Support: A	_	ELES	3				Panel MM (Breaker: "Lighting and Fare Vending Equipment" Circuit #9, SWBD NB); Will need access to Elevator Machine Room #205, therefore ELES escort is needed.
\checkmark	Identify ha requireme		r manhole access	Required PLNT Support for handhole/manhole access Identified Conduit/Duct Transition to mezzanine le	_{s?} YES	; (see no	tes)				No Handholes found, however AFC as-built plan shows one handhole that is no longer there. An AFC Escort needed to open Fare Vending Machine - VN1279 to verify if handhole is underneath this machine. PLNT escorts also needed just in case.
Emerg	ency Powe	er Verific	cation								
Check			Т	ask		YES	NO	NA			Comments
		panel is	s connected to a	o the existing schematic Automatic Transfer Swi							
Notes	and Discre	epancies	5:					R			
Sign O	Off		GFP	Representative							WMATA PRGM
Name:		Tino Sa	hoo								
Signat	ure:	tann	una Jah	w							
Date:		08/28/2									

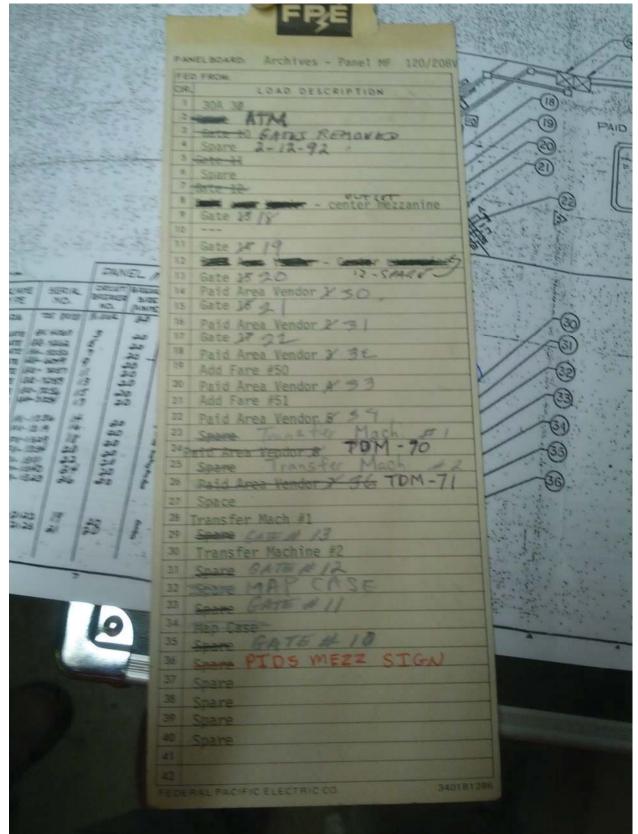


Archives Photo #1 – AFC Panel (MF) - Room 203 (Mezzanine Level)



Archives Photo #2 – Disconnect Switch "Disc. MF" for AFC Panel (MF) - Room 203 (Mezzanine Level)

Archives Photo #3 – AFC Panel (MF) Panel Schedule - Room 203 (Mezzanine Level)



Archives Photo #4 – AFC Panel (MF) shared raceway (trough) with Panels MPO, M, ME, and MM (All in Room 203 Mezzanine Level)



Archives Photo #5 – AFC Panel (MF) shared raceway (trough) with Panels MPO, M, ME, and MM (All in Room 203 Mezzanine Level)

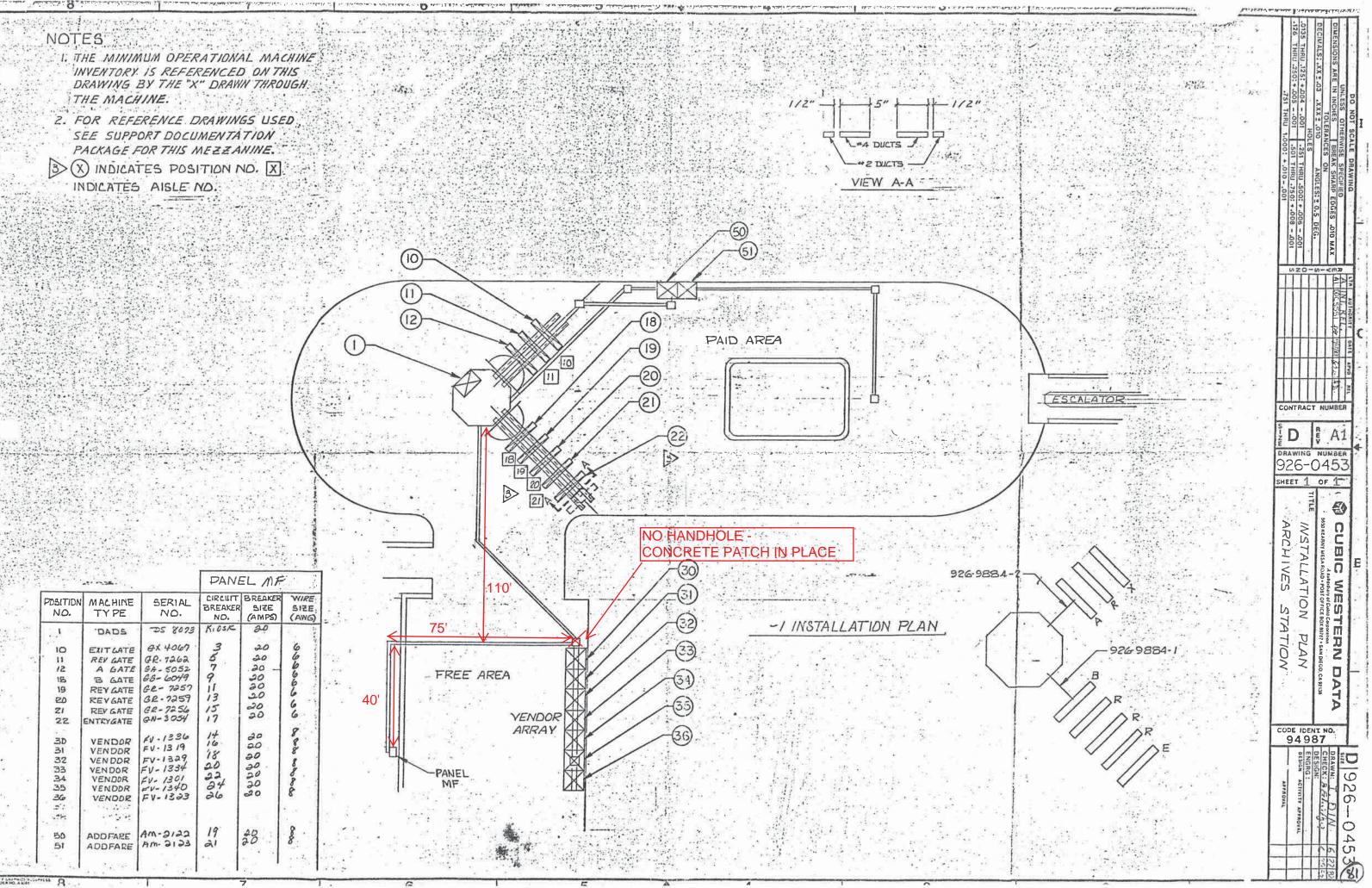


Archives Photo #6 – AFC Panel (MF) shared raceway (trough) with Panels MPO, M, ME, and MM (All in Room 203 Mezzanine Level)



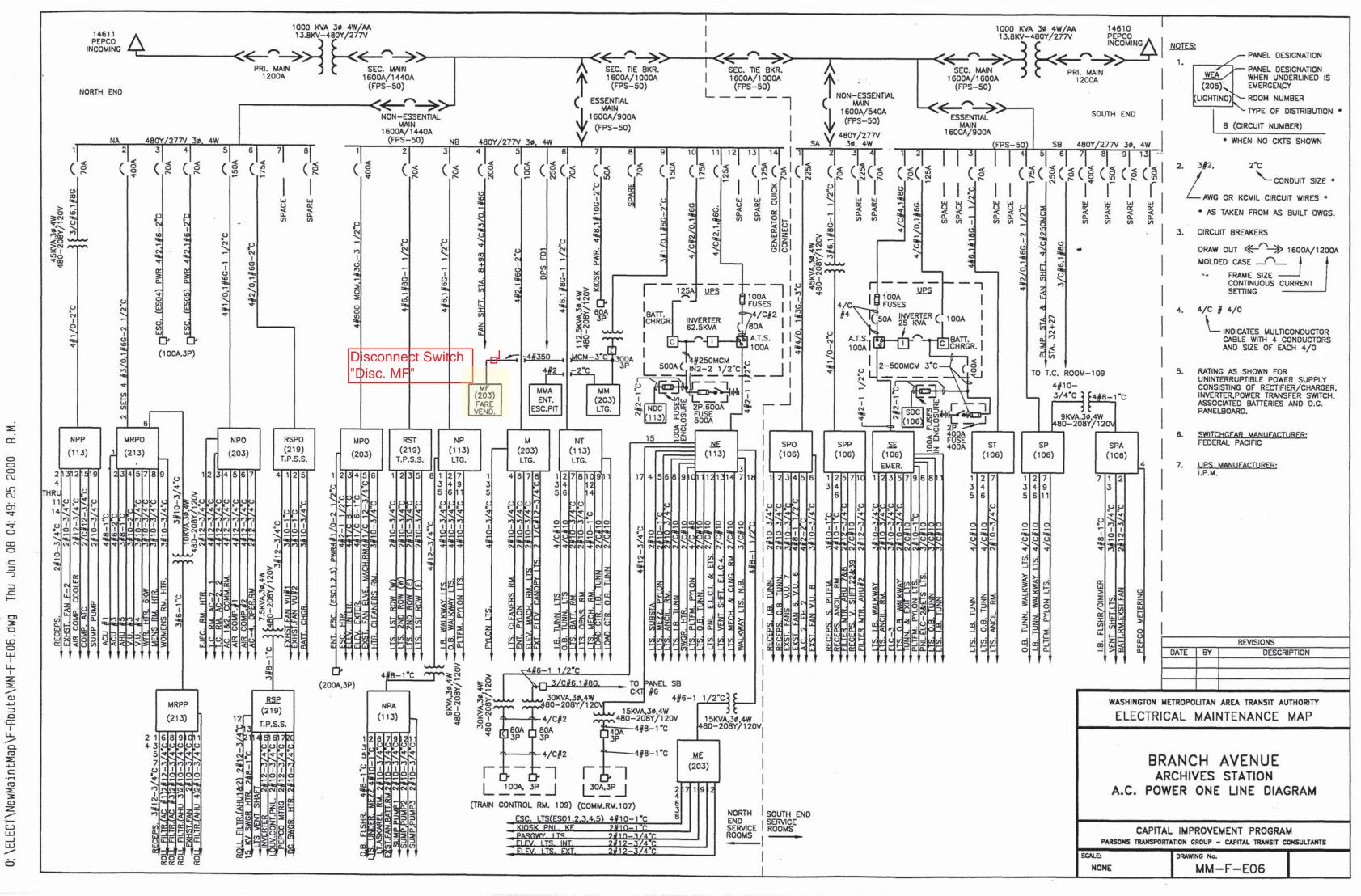
Archives Photo #7 – Location of Handhole noted on AFC As-Built Plan, but it could not be found.





			_	E	XIST	TINC	S PAI	NEL	. "MF	- "		
	AMPERES 225	V0	DLT'S.				TING:	_				
	MAINS: 225A MCB		HASE (3					RICAL	EQUIPME	NT RM.	203
	RATING: 10K AIC	WI	RE 4				ON: 1 (,
				CKT B		CKT		CKT.		BKRS		
	LOAD DESCRIPT		KVA		POLE		10	NO.	POLE		KVA	LOAD DESCRIPTIO
Labeled as 3,5	1 NEW KIOSK RECEPT. (I	•	8.0	20	1		A <u>3</u> -	2		20	0.8	EXISTING VENDOR
	1&2 SPARE (KIOSK)		0.0	20 20	1	5	<mark>5 в -</mark>	4		20 20	0.0	SPARE EXIST ING VENDOR
	SPARE EXIST ING VENDOR		0.0	20	1		C A	8	1	20	08	EXISTING VENDOR
	EXISTING VENDOR		0.0	20	1	9	- B -	10		20	08	EXISTING VENDOR
	EXISTING VENDOR		0.8	20	1	11	C	12		20	0.0	SPARE
	EXISTING VENDOR		0.8	20	- <u>i</u>		A	14	1	20	0.0	EXIST ING VENDOR
	EXISTING VENDOR		0.8	20	1	15	- B -	16	1	20		EXIST ING VENDOR
	EXISTING VENDOR		08	20	1	17	C	18	1	20	0.8	EXISTING VENDOR
	EXIST ING VENDOR		0.8	20	1		A	20	1	20	08	EXIST ING VENDOR
	SPARE		00	20	1	21	- B -	22	1	20	08	EXISTING VENDOR
	SPARE		0.0	20	1	23	C	24	1	20	0.8	EXISTING VENDOR
	SPACE		0.0	•	•	25	A · ·	26	1	20	08	EXISTING VENDOR
	SPACE		0.0	-	-	27	• B •	28		•	0.0	SPACE
	SPARE		0.0	20	1	29	• • C	30	1	20	0.8	EXISTING VENDOR
	EXISTING VENDOR		0.8	20	1	31		32	1	20	08	EXIST ING VENDOR
	EXISTING VENDOR		0.8	20	1	33	- B -	34	1	20	08	EXISTING VENDOR
	EXISTING VENDOR		0.8	20	1	35	C	36	1	20	00	SPARE
	EXIST ING VENDOR		0.8	20	1		A	38	1	20	0.8	EXIST ING VENDOR
	SPARE		0.0	20	1	39	- B -	40	1	20	0.0	SPARE
	SPACE	NOTES 1.	0.0			41 50 TO		42	DE 20.6	40.00	0.0	SPACE
					LC	DAD	SUN	IMA	RY			
	LIGHTS		_		x 125%						0.0) KVA
	RECEPTACLES, FIRST	IO KVA	_		x 100%) KVA
	RECEPTACLES		_		x 50%							3 KVA
	MISC. APPLIANCES				x 100%) KVA
	LARGEST MOTOR		-	_	x 125%) KVA
	MOTORS		_		x 100%) KVA
	HEAT		-		x 125%) KVA
	AC		-		x 100%) KVA
	WATER HEATING		-	21.6	x 125%	6	TOT			1./A) KVA
	TOTAL CONNECTED L	JAU		21.6	rγA				IAND K IAND A			B KVA D AMPS
	CONNECTED LOAD PH		Y				1017	NE DEN			43.	z Amr V
	PHASE A		•	10.4	KVA							
	PHASE B			5.6								
	PHASE C:				KVA							
	RM. 203 B. EXISTING * 2-	PANEL "MF" IS VIA 112KVA 1 WIRING FED F 4" C. (1-WIRIN WIRING FED F	TRANSF FROM E NG FILL	former Sottom (L >40%	(SEE) DF PA & 1-	ATTACH INEL, B -WIRING	IED DWG Y:	6. MM-			'MM" LO	cated in electrical equ
	= 2 EXISTING	1 1/2" C. (1 WIRING FED F 4" C. TO TAP	1-WIRIN FROM L	ng fill Left side	>40% E OF	& 1- PANEL	BY:		ЛТ).			
		I AREA T	RAN	NSIT /	AUI	гно	RITY	,	N	EW E	ELEC	TRONIC PAY
WASHINGTON			_									
DEPARTMENT OF TRA	NSIT INFRASTRUCTURE RING SERVICES TURE RENEWAL PROGRAM	GF		AGBRB JOIN	● E E = 1 ● T	flami VE	ag/Pai N T U	RE	SCAL			

		REFERENCE DRAWINGS	REVISIONS						
DESIGNED C. NCO 08-14 DATE	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION				
DRAWN C. NOO 05-14									
DATE DECKED & DEE 05-14									
DATE				<u> </u>					
APPROVED N/A DATE									
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