MOTOR CONTROL CONTER- CHILLER 500 AMPS, 489/Z77V, 39, 4W, OND BUS LOCATION: CHILLER PLANT ENCLOSURE THE: NEWA 12															
SEC.	CIRCUIT BREAKER MCF					STARTER		CON- NECTED	HP	DESCRIPTION	CONTROL DIAGRAM	ELEVATION			
NO.	NO.	POLES	FRAMES AMP.	TRIP AMP.	RATING AMP.	NEMA SIZE	TYPE	LOAD OR KW	DESCRIPTION	DWC NO	SECTION 1	SEC	TION 2	SECTION 3	
	A	3	400	350	-	-	-	-	-	MAIN					
1	В	3	100	30	-	1	FVNR	11.6	10HP	COOLING TOWER FAN			_		
	С	3	400	300	-		FVNR	180	161KW	CHILLER		_			
	D	3	100	70	-	2	FVNR	16.9	15HP	CONDENSER WATER PUMP CWP-1					
	E	3	100	70	-	2	FVNR	22.6	20HP	CHILLER WATER PUMP CHWP-1]			
2	F	3	100	5	-	00	FVNR	-	-	F-6			E	E K	
2	G	3	100	5	-	00	FVNR	-	-	F-7			F	L	
	Н	3	100	30	-	-	C/B	-	-	EDH-1		_ B	G	м	
	- 1	3	100	20	-	-	C/B	-	-	2 SPARES		c	-		
	J	3	100	70	-	2	FVNR	16.9	15HP	CWP-2		'	Н	N	
	K	3	100	70	-	2	FVNR	22.6	20HP	CHWP-2			111	0 0	
3	L	3	100	30	_	_	C/B	_	_	SCAC-1					
'	М	3	100	20	-	00	FVNR	1.5	1HP	FCU-1					
	N	3	100	2	-	-	FVNR	-	-	VU-1					
	0	3	100	20	-	-	C/B	-	-	2 SPARES					
											ESTIMATED DEMA	ND:	KVA		
										LOAD			SUMMFR	WINTER	
											2010	CONNECTED	DF		
											VENTILATION				
										COOLING: MOTORS					
											HEATING				
											TOTAL DE	AAND:			
										L				-	

			REFERENCE DRAWINGS	REVISIONS					
DESIGNED C. HLL	05/17	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION			
nnaway C. HLL	DATE 05/17								
DRAWN C. HLL									
CHECKED B. DLBI	DATE 05/17								
CHECKED	DATE								
APPROVED_D. KHAN	05/17								
ATTRO-10	DATE			_					

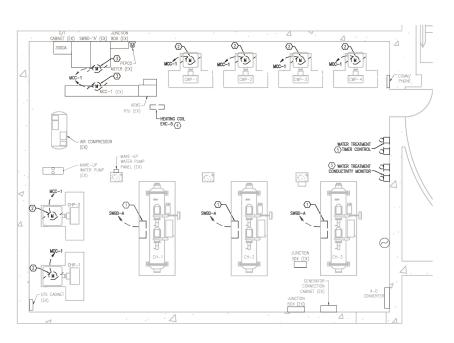




REPLACEMENT OF CHILLERS AND COOLING
TOWERS AT THREE METRO-RAIL STATIONS
CWPB11 - GLENMONT
ELECTRICAL PANEL SCHEDULE

FQ17162

CWPB11-E-603 M1299-050



SHEET NOTES:

- 1. REFER TO DWG E-600 FOR SINGLE LINE DIAGRAM.
- ALL SHOWN EQUIPMENT IS EXISTING TO REMAIN UNLESS SHOWN OTHERWISE.
- FOR EQUIPMENT TO BE DEMOLISHED:
 ALL EXISTING CONDUIT AND WIRING SHALL BE REMOVED BACK TO
 SOURCE OR AS INDICATED.

KEYNOTES:

- (1) EXISTING CHILLER CONTROLLER EQUIPMENT TO BE DEMOLISHED.
 DISCONNECT AND REMOVE WIRING AND CONDUIT BACK TO SWBD-A.
- (2) EXISTING PUMP MOTOR TO BE DEMOLISHED BY MECHANICAL CONTRACTOR. DISCONNECT AND REMOVE WIRING AND CONDUIT BACK TO
- (3) DISTING EXHAUST FAN TO BE DEMOLISHED BY MECHANICAL CONTRACTOR, DISCONNECT AND REMOVE WRING AND CONDUIT BACK TO MCC-1.
- (4) EXISTING HEATING COIL TO BE DEMOLISHED BY MECHANICAL CONTRACTOR. DISCONNECT AND REMOVE CONDUIT AND WIRING BACK TO SOURCE.
- (5) WATER TREATMENT EQUIPMENT TO BE REMOVED BY MECHANICAL CONTRACTOR. DISCONNECT AND REMOVE ASSOCIATED POWER CONDUIT AND WRING BACK TO SOURCE.

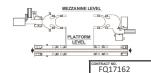
CHILLED WATER PLANT ROOM PLAN - POWER - DEMOLITION

REVISIONS DESCRIPTION

DATE BY

REFERENCE DRAWINGS
DESCRIPTION

NUMBER



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT NEFASTRUCTURE
AND DINONEEPING SERVICES

FORCE OF INFRANSTRUCTURE REMAINER PROGRAM

APPROVED

POLICE AND DISPLAYED ASSOCIATION APPROVED

PROJECT MANAGER

PROJ

REPLACEMENT OF CHILLERS AND COOLING TOWERS AT THREE METRO-RAIL STATIONS CWPC03 - FARRAGUT WEST ELECTRICAL PLAN - DEMOLITION

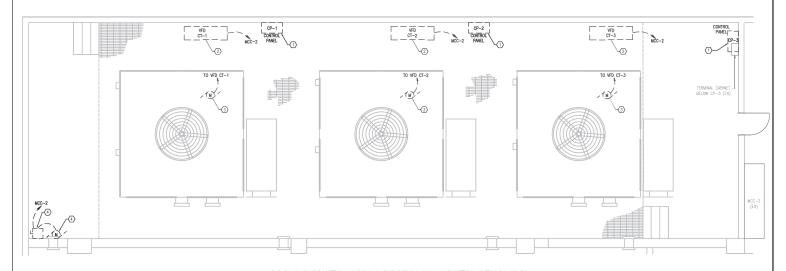
BCALE 1/4"=1'-0" 1 0 1 2 3 4 5 CWPC03-E-100 M1299-051

SHEET NOTES:

- ALL SHOWN EQUIPMENT IS EXISTING TO REMAIN UNLESS SHOWN OTHERWISE.

KEYNOTES:

- EXISTING COOLING TOWER STARTER, DISCONNECT AND CONTROLS TO BE REMOVED BY MECHANICAL CONTRACTOR. DISCONNECT AND REMOVE WIRING AND CONDUIT BACK TO MCC-2.
- (2) EXISTING VARIABLE FREQUENCY DRIVE ALONG WITH ITS ENCLOSURE TO BE REMOVED BY MECHANICAL CONTRACTOR, DISCONNECT AND REMOVE WIRING AND CONDUIT BACK TO MCC-2.
- (3) FAN MOTOR TO BE REMOVED BY MECHANICAL CONTRACTOR, DISCONNECT AND REMOVE WIRING AND CONDUIT BACK TO THE ASSOCIATED VFD.
- 4 REMOVE AND DISPOSE OF ALL ELECTRICAL CONDUIT, WIRING AND EQUIPMENT ASSOCIATED WITH DECOMMISSIONED 7.5HP WATER TREATMENT PUMP.



COOLING TOWER PARTIAL ROOF PLAN - POWER - DEMOLITION
SQLE: 1/4" = 1'-0'

ı									
				REFERENCE DRAWINGS	REVISIONS				
		05/17	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION	1	
	DRAWN O.FAYEM O	DATE 05/17						1	
	CHECKED D.KHAN 0	DATE 05/17						I	
	APPROVED D. GHOSAL D	DATE 05/17 DATE						ľ	
	۱ '	DATE						ı	

WASHINGTON METROPOLITAN	N AREA TRANSIT AUTHORITY
DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM ARRENOUS Mark N. Magnuss	JOINT VENTUR
APPROVED	SODMITTED TOT MANAGED

FQ17162 REPLACEMENT OF CHILLERS AND COOLING TOWERS AT THREE METRO-RAIL STATIONS CWPC03 - FARRAGUT WEST ELECTRICAL ROOF PLAN - DEMOLITION

SCALE 1/4"=1'-0" 1-0 1 2 3 4 5 CWPC03-E-101 M1299-052

