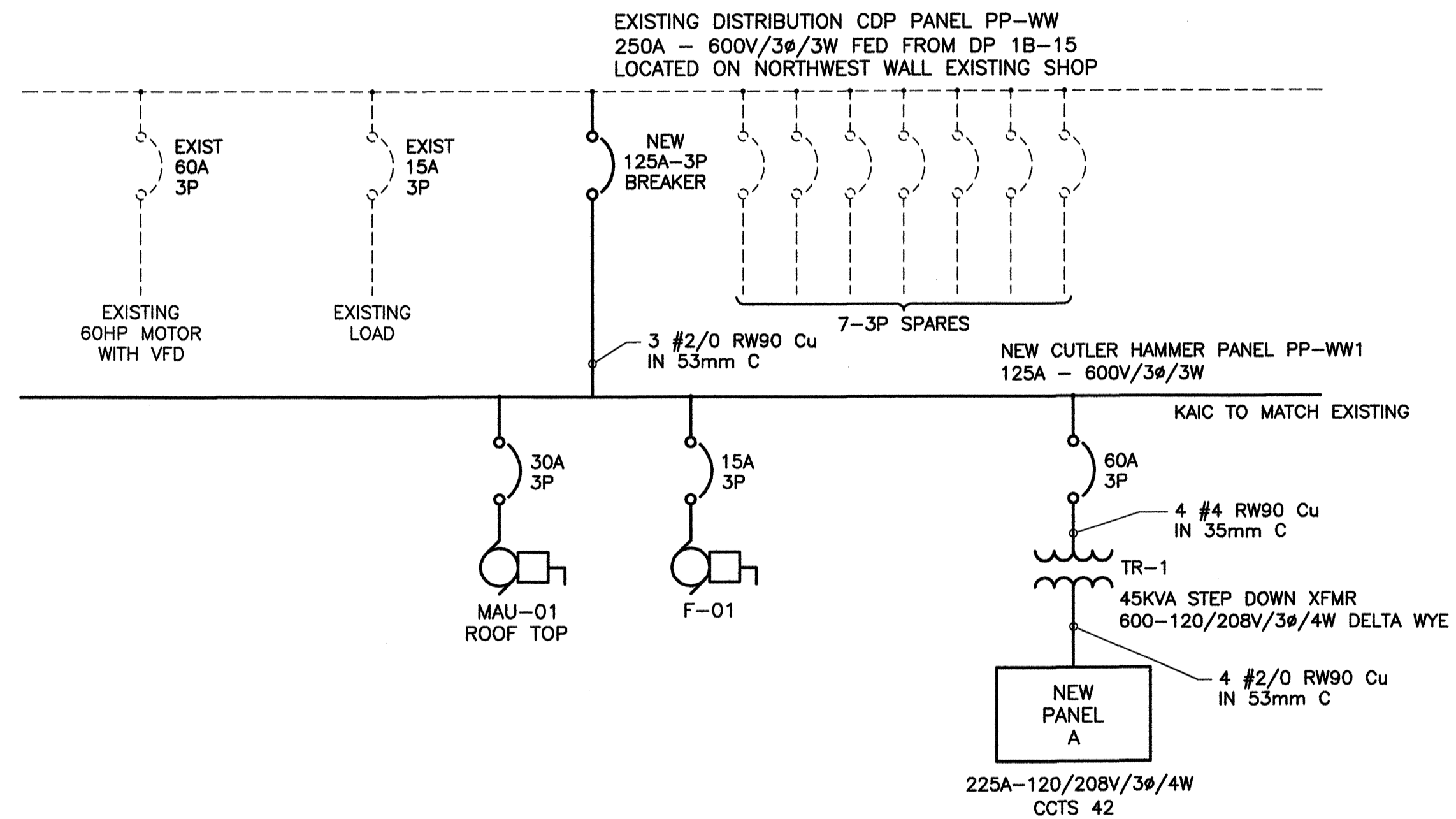
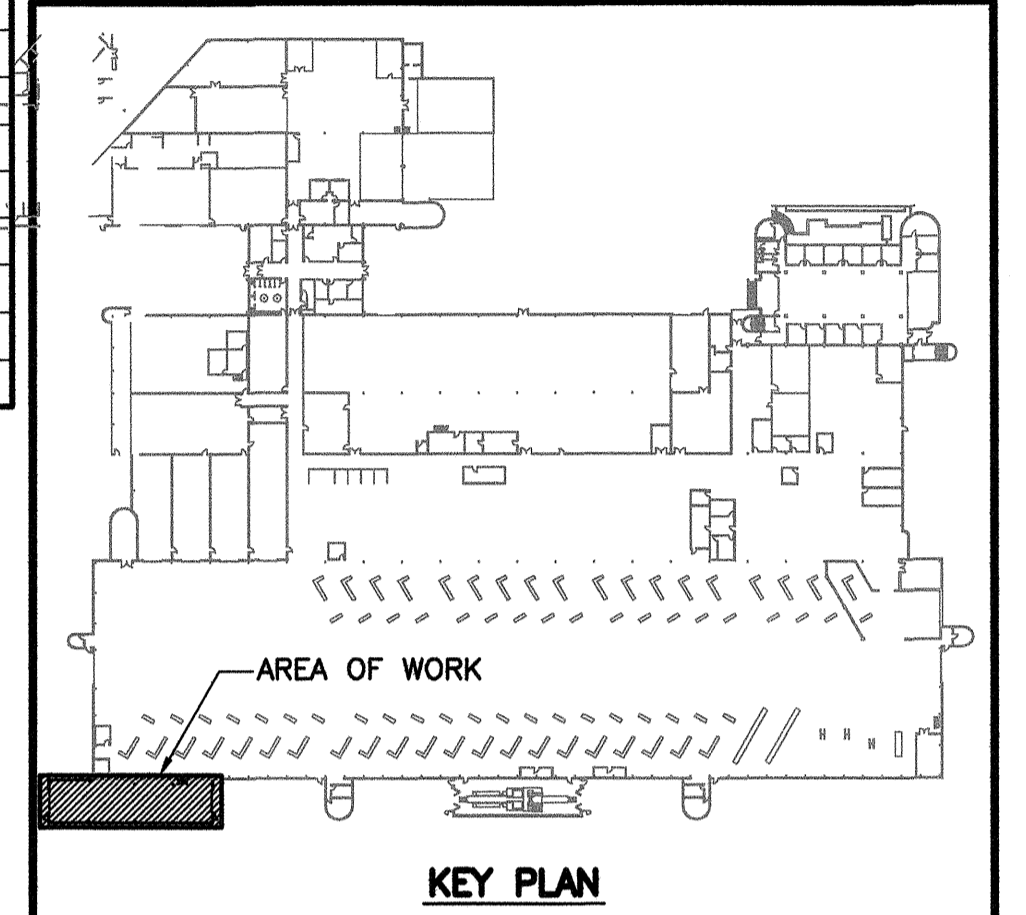


NEW PANEL A C/W BUILT-IN TVSS												LOCATION: SOUTH-WEST WALL EXIST. SHOP MOUNTING: SURFACE	
120/208 VOLT, 3 PHASE, 4 WIRE			225 AMP MAINS				POWER: NORMAL						
DESCRIPTION	LOAD (W)	BREAKER	CCT	A	B	C	CCT	BREAKER	LOAD (W)	DESCRIPTION			
MECH ALARMS PNL	300	15A-1P	1				2	20A-1P	500	GENERAL RECS			
HEAT TRACE MUA-1	100	15A-1P	3				4	20A-1P	500	GENERAL RECS			
UH-1	70	15A-1P	5				6	20A-1P	500	GENERAL RECS			
UH-2	70	15A-1P	7				8	20A-1P	500	GENERAL RECS			
ROOF MAINT. REC	250	15A-1P	9				10	20A-1P	500	DOOR OPENER			
ROOF MAINT. REC	250	15A-1P	11				12	20A-1P	500	DOOR OPENER			
F-02	720	20A-3P	13				14	20A-1P	1440	LIGHTING			
			15				16	20A-1P	1440	LIGHTING			
			17				18	20A-1P	1440	LIGHTING			
P-1A	360	15A-3P	19				20	20A-1P	1440	LIGHTING			
			21				22	20A-1P	1440	NIGHT LIGHTS			
			23				24	20A-1P	24	EXIT SIGNS			
P-1B	360	15A-3P	25				26	15A-1P	72	EMT LTG.			
			27				28	20A-1P		GENERAL RECS			
			29				30	20A-1P		GENERAL RECS			
WELDER	860	30A-3P	31				32						
			33				34						
			35				36						
WELDER	860	30A-3P	37				38						
			39				40						
			41				42						
			43				44						
			45				46						
			47				48						
			49				50						
			51				52						
			53				54						
			55				56						
			57				58						
			59				60						

NEW PANEL PP-WW1												LOCATION: MAINT. GARAGE MOUNTING: SURFACE	
347/600V/3φ/3W			225 AMP MAINS				POWER: NORMAL						
DESCRIPTION	LOAD (W)	BREAKER	CCT	A	B	C	CCT	BREAKER	LOAD (W)	DESCRIPTION			
EXISTING			1				2						
EXISTING			3				4			EXISTING			
EXISTING			5				6						
MAU-01		30A-3P	7				8						
			9				10	60A-3P	4500	TR-1			
			11				12						
F-01		15A-3P	13				14			EXISTING			
			15				16			EXISTING			
			17				18			EXISTING			
SPARE			19				20			EXISTING			
SPARE			21				22			EXISTING			
SPARE			23				24			EXISTING			
SPARE			25				26			EXISTING			
SPARE			27				28			EXISTING			
SPARE			29				30			EXISTING			
SPARE			31				32			EXISTING			
SPARE			33				34			EXISTING			
SPARE			35				36			EXISTING			
SPARE			37				38			EXISTING			
SPARE			39				40			EXISTING			
SPARE			41				42			EXISTING			

REFERENCE DRAWINGS	
NO.	DESCRIPTION



NOTES:

- GIVE ADEQUATE NOTICE (MIN 72 HRS) TO THE CITY OF WINNIPEG OF ANY POWER OUTAGE REQUIRED FOR THIS WORK. SCHEDULE OUTAGES TO PROVIDE LEAST INTERFERENCE WITH OTHER WORK.

MOTOR SCHEDULE NOTES:

- ELECTRICAL SUBCONTRACTOR SHALL REFER TO MECHANICAL DRAWINGS FOR ALL NEW AND EXISTING MOTOR LOCATIONS. CONFIRM ALL ELECTRICAL RATINGS AND SIZES PRIOR TO SUPPLYING AND INSTALLING OF WIRING AND CIRCUIT BREAKERS AS PER MECHANICAL SHOP DRAWINGS. REPORT ANY DISCREPANCIES OR SUBSTITUTIONS PRIOR TO INSTALLATION.
- ALL CONTROL WIRING FOR MECHANICAL ITEMS SHALL BE PROVIDED BY MECHANICAL CONTROLS SUBCONTRACTOR. REFER TO MECHANICAL SPECIFICATIONS.
- PROVIDE DISCONNECT SWITCHES FOR ALL EQUIPMENT AS REQUIRED BY CODE. PROVIDE WEATHERPROOF DISCONNECTS AS REQUIRED ON ROOF AND WET AREAS.
- ALL DEVICES TO HAVE RIVETED LAMACOID NAMEPLATES.
- ELECTRICAL SUBCONTRACTOR TO PROVIDE ALL MECHANICAL INTERLOCK WIRING.
- NOT ALL MECHANICAL EQUIPMENT MAY BE SHOWN ON THIS DRAWING. CONFIRM MECHANICAL EQUIPMENT LIST, AMPERAGE, LOCATIONS, ACCESSORIES AND CONTROLS REQUIREMENTS WITH MECHANICAL SUBCONTRACTOR AND MECHANICAL DRAWINGS.

MOTOR SCHEDULE

MOTOR				DESCRIPTION	LOCATION	VOLTS / φ	PACKAGE UNIT	STARTER & ACCESSORIES				FEEDER		BREAKER	CIRCUIT	F/A SHUT DN.	CONTROL			REMARKS	
No	HP	KW	AMP					TYPE	FUNCTION	PL	PB	HOA	WIRE				CONDUIT	WITH	DEVICE		SUPP. BY
MAU-1	-	-	19.10	ROOF TOP UNIT	ROOF	600/3	X	MAG	FVNR	-	-	X	3#6 RW90 CU+G	35mm	30A-3P	WW1 7, 9, 11	X		MECH	MECH	
F-01	5.0	-	-	BUS TAIL EXHAUST	ROOF	600/3	X	MAN	-	-	-		3#10 RW90 CU+G	27mm	20A-3P	WW1 13, 15, 17	X		MECH	MECH	
F-02	2.0	-	-	WELDING EXHAUST	MAIN FLOOR	208/3	X	MAN	-	-	-		3#10 RW90 CU+G	27mm	20A-3P	A 13, 15, 17			MECH	MECH	PLUG
P-1A	1.0	-	-	SANITARY PUMP	SUMP PIT	208/3	-	-	-	-	-		3#12 RW90 CU+G	27mm	15A-3P	A 19, 21, 23			MECH	MECH	
P-1B	1.0	-	-	SANITARY PUMP	SUMP PIT	208/3	-	-	-	-	-		3#12 RW90 CU+G	27mm	15A-3P	A 25, 27, 29			MECH	MECH	
UH-01	-	-	6.3	UNIT HEATER	MAIN FLOOR	120/1	X	MAN	-	-	-		2#12 RW90 CU+G	27mm	15A-1P	A 5			MECH	MECH	
UH-02	-	-	6.3	UNIT HEATER	MAIN FLOOR	120/1	X	MAN	-	-	-		2#12 RW90 CU+G	27mm	15A-1P	A 7			MECH	MECH	
HEAT TRACE	-	0.1	-	ON MUA-1	ROOF	120/1	-	-	-	-	-		2#12 RW90 CU+G	27mm	15A-1P	A 3			MECH	MECH	
ALARMS	-	FRAC	-	ON GAS DET. PNL	WALL	120/1	-	-	-	-	-		2#12 RW90 CU+G	27mm	15A-1P	A 1			MECH	MECH	CONFIRM EXACT LOCATION ON SITE

NO.	DATE	DESCRIPTION	PREPARED	REVIEW	DESIGN	APPROVE
00	14.01.17	ISSUED FOR CONSTRUCTION	HA	H.C.	HC	

SEAL

PERMIT STAMP

DESIGNED BY:	PREPARED BY:	REVIEWED BY:
HC	BM/HA	HC
AUTHORIZED BY:	DATE:	SCALE:
	13.11.15	AS NOTED

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SUB-CONSULTANTS:

CLIENT: CITY OF WINNIPEG TRANSIT DEPARTMENT

TETRA TECH

PROJECT NAME: CITY OF WINNIPEG TRANSIT - FORT ROUGE GARAGE BUS MAINTENANCE ADDITION

DRAWING DESCRIPTION: ELECTRICAL SCHEDULES

DRAWING NO: 1329720500-DWG-E0003 REV: 00