

PANEL '800'		VOLTAGE 347/600V-3PH-4W	
MOUNTING SURFACE		MAIN BUS 200A	
LOCATION FLEET MEZZANINE		REMARKS C/W LOCKABLE DOOR	
DESCRIPTION	BKR	CIRCUIT	DESCRIPTION
SITE LIGHTING	20	1	HRV-9
SITE LIGHTING	20	3	#8 WIRE
BUILDING LIGHTING	15	5	
FM SHOP LIGHTING	15	7	MUA-9
FM SHOP LIGHTING	15	9	
FM SHOP LIGHTING	15	11	
FM PUBLIC AREA LIGHTING	15	13	EF-9
FM MAIN FLOOR LIGHTING	15	15	
STORAGE AND SECOND FLOOR	15	17	
SPACE	15	19	H-10
SPACE	15	21	
SPACE	15	23	HRV-10
OVERHEAD DOOR	15	25	
SPACE	15	27	
SPACE	15	29	ELECTRIC HEAT (6KW)
OVERHEAD DOOR	15	31	FORCE FLOW (4KW)
SPACE	15	33	
SPACE	15	35	
OVERHEAD DOOR	15	37	
SPACE	15	39	
SPACE	15	41	

PANEL '500'		VOLTAGE 347/600V-3PH-4W	
MOUNTING SURFACE		MAIN BUS 100A	
LOCATION AUX SM-13		REMARKS C/W LOCKABLE DOOR	
DESCRIPTION	BKR	CIRCUIT	DESCRIPTION
SITE LIGHTING	20	1	OVERHEAD DOOR
SITE LIGHTING	20	3	
SITE LIGHTING	20	5	
SITE LIGHTING	20	7	EF-13
BUILDING LIGHTING	15	9	
LIGHTING	15	11	
LIGHTING	15	13	15 KVA TRANSFORMER 'SM3'
SPACE	15	15	
SPACE	15	17	
OVERHEAD DOOR	15	19	
SPACE	15	21	
SPACE	15	23	
SPACE	15	25	
OVERHEAD DOOR	15	27	
SPACE	15	29	
OVERHEAD DOOR	15	31	
SPACE	15	33	
SPACE	15	35	
OVERHEAD DOOR	15	37	
SPACE	15	39	
SPACE	15	41	

PANEL 'B01'		VOLTAGE 120/208V-3PH-4W	
MOUNTING SURFACE		MAIN BUS 100A	
LOCATION AUX B0-05		REMARKS C/W LOCKABLE DOOR	
DESCRIPTION	BKR	CIRCUIT	DESCRIPTION
LIGHTING	15	1	SPARE
EXTERIOR LIGHTING	15	3	SPARE
RECEPTACLES	15	5	SPARE
OVERHEAD DOOR	15	7	SPARE
SPACE	15	9	SPARE
SPACE	15	11	SPARE
SPACE	15	13	SPARE
SPACE	15	15	SPARE
SPACE	15	17	SPARE
SPACE	15	19	SPARE
SPACE	15	21	SPARE
SPACE	15	23	SPARE
SPACE	15	25	SPARE
SPACE	15	27	SPARE
SPACE	15	29	SPARE

PANEL 'FM1'		VOLTAGE 120/208V-3PH-4W	
MOUNTING SURFACE		MAIN BUS 400A	
LOCATION GRIDLINE '24' (FM)		REMARKS C/W LOCKABLE DOOR	
DESCRIPTION	BKR	CIRCUIT	DESCRIPTION
WELDER	40	1	SPARE
#8 WIRE	40	3	SPARE
WELDER	40	5	SPARE
#8 WIRE	40	7	SPARE
RTH-5 (x2)	15	9	SPARE
RECEPTACLES	15	11	SPARE
RECEPTACLES	15	13	SPARE
RECEPTACLES	15	15	SPARE
RECEPTACLES	15	17	SPARE
SPACE	15	19	SPARE
SPACE	15	21	SPARE
SPACE	15	23	SPARE
SPACE	15	25	SPARE
SPACE	15	27	SPARE
SPACE	15	29	SPARE
SPACE	15	31	SPARE
SPACE	15	33	SPARE
SPACE	15	35	SPARE
SPACE	15	37	PANEL 'FM3'
SPACE	15	39	
SPACE	15	41	

PANEL '800'		VOLTAGE 347/600V-3PH-4W	
MOUNTING SURFACE		MAIN BUS 200A	
LOCATION FLEET MEZZANINE		REMARKS TUB II	
DESCRIPTION	BKR	CIRCUIT	DESCRIPTION
OVERHEAD DOOR	15	43	TAILPIPE EXHAUST
OVERHEAD DOOR	15	45	
OVERHEAD DOOR	15	47	TAILPIPE EXHAUST
OVERHEAD DOOR	15	49	
OVERHEAD DOOR	15	51	
OVERHEAD DOOR	15	53	
OVERHEAD DOOR	15	55	TPEF
OVERHEAD DOOR	15	57	
OVERHEAD DOOR	15	59	
OVERHEAD DOOR	15	61	TPEF
OVERHEAD DOOR	15	63	
OVERHEAD DOOR	15	65	
OVERHEAD DOOR	15	67	TPEF
OVERHEAD DOOR	15	69	
OVERHEAD DOOR	15	71	
OVERHEAD DOOR	15	73	
OVERHEAD DOOR	15	75	
OVERHEAD DOOR	15	77	
OVERHEAD DOOR	15	79	SPARE
OVERHEAD DOOR	15	81	SPARE
OVERHEAD DOOR	15	83	SPARE

PANEL '500'		VOLTAGE 347/600V-3PH-4W	
MOUNTING SURFACE		MAIN BUS 100A	
LOCATION AUX SM-13		REMARKS TUB II	
DESCRIPTION	BKR	CIRCUIT	DESCRIPTION
OVERHEAD DOOR	15	43	SPARE
OVERHEAD DOOR	15	45	SPARE
OVERHEAD DOOR	15	47	SPARE
OVERHEAD DOOR	15	49	SPARE
OVERHEAD DOOR	15	51	SPARE
OVERHEAD DOOR	15	53	SPARE
OVERHEAD DOOR	15	55	SPARE
OVERHEAD DOOR	15	57	SPARE
OVERHEAD DOOR	15	59	SPARE
OVERHEAD DOOR	15	61	SPARE
OVERHEAD DOOR	15	63	SPARE
OVERHEAD DOOR	15	65	SPARE
OVERHEAD DOOR	15	67	SPARE
OVERHEAD DOOR	15	69	SPARE
OVERHEAD DOOR	15	71	SPARE
OVERHEAD DOOR	15	73	SPARE
OVERHEAD DOOR	15	75	SPARE
OVERHEAD DOOR	15	77	SPARE
OVERHEAD DOOR	15	79	SPARE
OVERHEAD DOOR	15	81	SPARE
OVERHEAD DOOR	15	83	NIGHT LIGHTING / EBB

PANEL 'CS1'		VOLTAGE 120/208V-3PH-4W	
MOUNTING SURFACE		MAIN BUS 200A	
LOCATION AUX CS-13 & CS-14		REMARKS C/W LOCKABLE DOOR	
DESCRIPTION	BKR	CIRCUIT	DESCRIPTION
LIGHTS	15	1	SPARE
SF-2	15	3	SPARE
EF-11	15	5	SPARE
RECEPTACLES	15	7	SPARE
RECEPTACLES	15	9	SPARE
COMPRESSOR	30	11	SPARE
#10 WIRE	15	13	SPARE
EF-12	15	15	SPARE
SPACE	15	17	SPARE
SPACE	15	19	SPARE
SPACE	15	21	SPARE
SPACE	15	23	SPARE
SPACE	15	25	SPARE
SPACE	15	27	SPARE
SPACE	15	29	SPARE
SPACE	15	31	SPARE
SPACE	15	33	SPARE
SPACE	15	35	SPARE
SPACE	15	37	SPARE
SPACE	15	39	TO PANEL 'EA1' IN EA-09
SPACE	15	41	#6 WIRE

PANEL 'FM3'		VOLTAGE 120/208V-3PH-4W	
MOUNTING SURFACE		MAIN BUS 200A	
LOCATION GRIDLINE '19' (FM SHOP)		REMARKS C/W LOCKABLE DOOR	
DESCRIPTION	BKR	CIRCUIT	DESCRIPTION
WELDER	40	1	SPARE
#8 WIRE	40	3	SPARE
WELDER	40	5	SPARE
#8 WIRE	40	7	SPARE
RTH-5 (x2)	15	9	SPARE
RTH-5 (x2)	15	11	SPARE
RECEPTACLES	15	13	SPARE
RECEPTACLES	15	15	SPARE
RECEPTACLES	15	17	SPARE
RECEPTACLES	15	19	SPARE
RECEPTACLES	15	21	SPARE
SPACE	15	23	SPARE
SPACE	15	25	SPARE
SPACE	15	27	SPARE
SPACE	15	29	SPARE
SPACE	15	31	SPARE
SPACE	15	33	SPARE
SPACE	15	35	SPARE
SPACE	15	37	SPARE
SPACE	15	39	SPARE
SPACE	15	41	SPARE

PANEL 'EA1'		VOLTAGE 120/208V-3PH-4W	
MOUNTING SURFACE		MAIN BUS 100A	
LOCATION AUX EA-09		REMARKS C/W LOCKABLE DOOR	
DESCRIPTION	BKR	CIRCUIT	DESCRIPTION
LIGHTING	15	1	SPACE
EF-14	20	3	SPACE
OVERHEAD DOOR	15	5	SPACE
SPACE	15	7	SPACE
SPACE	15	9	SPACE
OVERHEAD DOOR	15	11	SPACE
SPACE	15	13	SPACE
SPACE	15	15	SPACE
RECEPTACLES	15	17	SPACE
RECEPTACLES	15	19	SPACE
EXTERIOR LIGHTS	15	21	SPACE
COMPRESSOR	30	23	SPACE
#10 WIRE	15	25	SPACE
SPACE	15	27	SPACE
SPACE	15	29	SPACE
SPACE	15	31	SPACE
SPACE	15	33	SPACE
SPACE	15	35	SPACE
SPACE	15	37	SPACE
SPACE	15	39	SPACE
SPACE	15	41	SPACE

PANEL 'SM3'		VOLTAGE 120/208V-3PH-4W	
MOUNTING SURFACE		MAIN BUS 100A	
LOCATION AUX SM-13		REMARKS C/W LOCKABLE DOOR	
DESCRIPTION	BKR	CIRCUIT	DESCRIPTION
RECEPTACLES	15	1	SPACE
RECEPTACLES	15	3	SPACE
RECEPTACLES	15	5	SPACE
RECEPTACLES	15	7	SPACE
SPACE	15	9	SPACE
SPACE	15	11	SPACE
SPACE	15	13	SPACE
SPACE	15	15	SPACE
SPACE	15	17	SPACE
SPACE	15	19	SPACE
SPACE	15	21	SPACE
SPACE	15	23	SPACE
SPACE	15	25	SPACE
SPACE	15	27	SPACE
SPACE	15	29	SPACE
SPACE	15	31	SPACE
SPACE	15	33	SPACE
SPACE	15	35	SPACE
SPACE	15	37	SPACE
SPACE	15	39	SPACE
SPACE	15	41	SPACE

PANEL '900'		VOLTAGE 347/600V-3PH-4W	
MOUNTING SURFACE		MAIN BUS 225A	
LOCATION AUX CS-13 & CS-14		REMARKS C/W LOCKABLE DOOR	
DESCRIPTION	BKR	CIRCUIT	DESCRIPTION
SITE LIGHTING	20	1	SPACE
SITE LIGHTING	20	3	SPACE
SITE LIGHTING	20	5	SPACE
SITE LIGHTING	20	7	SPACE
SITE LIGHTING	20	9	SPACE
LIGHTING	15	11	SPACE
EXTERIOR LIGHTING	15	13	SPACE
OVERHEAD DOOR	15	15	SPACE
SPACE	15	17	SPACE
SPACE	15	19	SPACE
SPACE	15	21	SPACE
SPACE	15	23	SPACE
SPACE	15	25	SPACE
45 KVA TRANSFORMER PANEL 'PL-4'	60	27	SPACE
#6 WIRE	15	29	SPACE
45 KVA TRANSFORMER PANEL 'PL-6'	60	31	SPACE
#6 WIRE	15	33	SPACE
SPACE	15	35	SPACE
SPACE	15	37	SPACE
SPACE	15	39	SPACE
SPACE	15	41	NIGHT LIGHTS / EBB

PANEL 'CDP 700'		VOLTAGE 347/600V-3PH-4W	
MOUNTING SURFACE		MAIN BUS 800A	
LOCATION GRIDLINE '24' (FM SHOP)		REMARKS C/W LOCKABLE DOOR	
DESCRIPTION	BKR	CIRCUIT	DESCRIPTION
PANEL '900'	225	1	COMPRESSOR 'AC-2'
4#300MCM ACWU	3	3	#6 WIRE
PARKING PANEL 'PL-9'	60	7	FUTURE LIFT
3#6 TECK90	9	9	
PARKING PANEL 'PL-10'	40	13	FUTURE LIFT
#8 WIRE	15	15	
PANEL '800'	150	19	FUTURE LIFT
4#3/0 ACWU	21	21	
75 KVA TRANSFORMER	100	25	SPACE
3#1 ACWU	27	27	SPACE
75 KVA TRANSFORMER	100	31	FUTURE
3#1 ACWU	33	33	
CRANE	40	37	FUTURE
3#8 Cu.	39	39	
SPACE	41	41	
SPACE	43	43	SPACE
SPACE	45	45	SPACE
SPACE	47	47	SPACE
SPACE	49	49	SPACE
SPACE	51	51	SPACE
SPACE	53	53	SPACE
SPACE	55	55	SPACE
SPACE	57	57	SPACE
SPACE	59	59	SPACE

REV	DESCRIPTION	DATE	BY
3	ISSUED FOR 99% REVIEW	2012.06.04	MZ
2	ISSUED FOR 66% REVIEW	2012.03.06	MZ
1	ISSUED FOR 33% REVIEW	2012.01.06	MZ

NOVA 3 ENGINEERING LTD.
 CONSULTING ENGINEERS
 201-120 FORT STREET TEL: (204) 943-8142
 WINNIPEG, MANITOBA FAX: (204) 942-1276
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ERNST HANSCH
 CONSTRUCTION LTD.

3 TERRACON PLACE
 WINNIPEG, CANADA R2J 4B3
 TEL. (204) 233 7881
 FAX (204) 233 4733
 general@ehansch.com
 www.ehansch.com

CLIENT: CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 PROJECT NUMBER: 31-178E
 DRAWN BY: KC
 DATE: MARCH 06, 2012
 SCALE: AS SHOWN

PROJECT TITLE:
 CITY OF WINNIPEG
 PUBLIC WORKS EAST YARD COMPLEX
 MAIN OFFICE & GARAGES
 SHEET TITLE:
 ELECTRICAL PANEL SCHEDULES

NOT FOR CONSTRUCTION

SHEET NUMBER:
E4.2
 REVISION NUMBER:
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