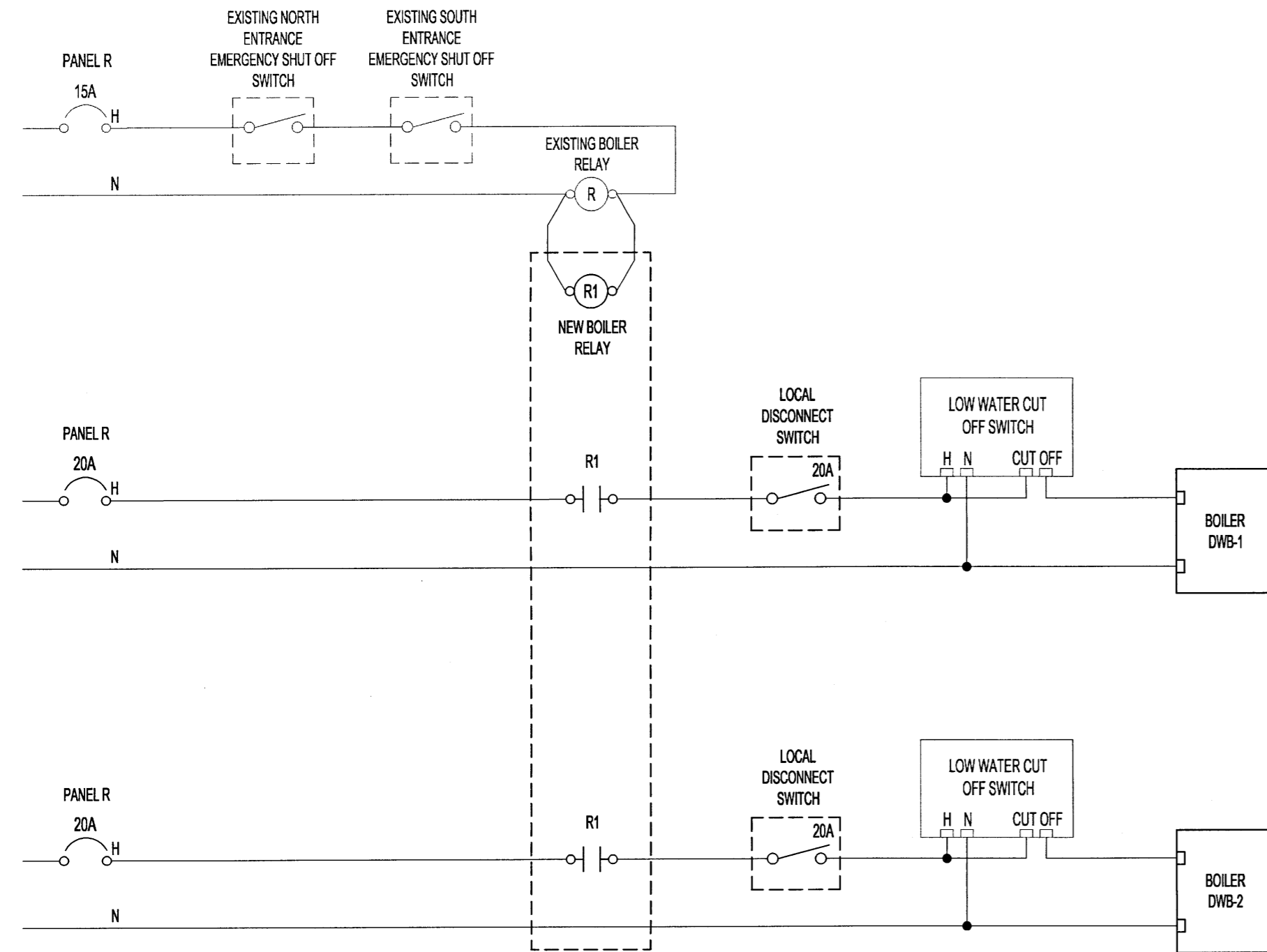


A
BOILER PUMP (DWPU-1,2) WIRING SCHEMATIC
SCALE: N.T.S.



B
TYPICAL BOILER WIRING DIAGRAM
SCALE: N.T.S.

SUPPLY: 208V 3Ø 4W MAINS AMPACITY: 225 INCOMING: <input type="checkbox"/> BREAKER <input checked="" type="checkbox"/> LUGS MAIN BREAKER REQUIRED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO MAIN BREAKER AMPS: BUS MATERIAL: <input checked="" type="checkbox"/> COPPER <input type="checkbox"/> ALUMINUM BUS AND BREAKER RATING: 10kA		NAME PLATE: PANEL ' R '		LOCATION: 25 POSEIDON BAY MOUNTING: <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH MANUFACTURER: MODEL NO: BREAKER: <input type="checkbox"/> PLUG-IN <input checked="" type="checkbox"/> BOLT-ON SPD: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SERVICE ENTRANCE RATED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO								
REV	CCT	VA	P	BKR	A	B	C	BKR	P	VA	CCT	REV
1	EXISTING CIRCUIT	-	1	15	•	•	•	-	-	-	31	
2	EXISTING CIRCUIT	-	1	15	•	•	•	15	2	-	32	
3	EXISTING CIRCUIT	-	1	15	•	•	•	-	-	-	33	
4	EXISTING CIRCUIT	-	1	15	•	•	•	15	1	-	34	
5	EXISTING CIRCUIT	-	1	15	•	•	•	15	1	-	35	
6	EXISTING CIRCUIT	-	1	15	•	•	•	15	1	-	36	
7	EXISTING CIRCUIT	-	1	15	•	•	•	-	-	-	37	
8	EXISTING CIRCUIT	-	1	15	•	•	•	-	-	-	38	
9	EXISTING CIRCUIT	-	1	15	•	•	•	15	1	-	39	
10	EXISTING CIRCUIT	-	1	15	•	•	•	15	1	-	40	
11	EXISTING CIRCUIT	-	1	15	•	•	•	15	1	-	41	
12	EXISTING CIRCUIT	-	1	15	•	•	•	15	1	-	42	
13	SPARE	-	-	-	•	•	•	-	-	-	43	
14	SPARE	-	-	-	•	•	•	-	-	-	44	
15	EXISTING CIRCUIT	-	1	15	•	•	•	-	3	-	45	
16	SPARE	-	-	-	•	•	•	15	1	-	46	
17	SPARE	-	-	-	•	•	•	15	1	-	47	
18	EXISTING CIRCUIT	-	1	15	•	•	•	15	1	-	48	
19	EXISTING CIRCUIT	-	1	20	•	•	•	20	1	-	49	
20	EXISTING CIRCUIT	-	2	15	•	•	•	20	1	-	50	
21	EXISTING CIRCUIT	-	1	15	•	•	•	15	1	-	51	
22	EXISTING CIRCUIT	-	1	15	•	•	•	15	1	-	52	
23	EXISTING CIRCUIT	-	1	15	•	•	•	-	-	-	53	
24	EXISTING CIRCUIT	-	1	15	•	•	•	-	-	-	54	
25	EXISTING CIRCUIT	-	3	30	•	•	•	-	-	-	55	
26	EXISTING CIRCUIT	-	1	15	•	•	•	-	-	-	56	
27	EXISTING CIRCUIT	-	2	15	•	•	•	-	-	-	57	
28	EXISTING CIRCUIT	-	1	15	•	•	•	-	-	-	58	
29	EXISTING CIRCUIT	-	1	15	•	•	•	-	-	-	59	
30	EXISTING CIRCUIT	-	1	15	•	•	•	-	-	-	60	
		LOAD	A	B	C			LOAD	A	B	C	
		0	0	0	0			0	0	0	0	

LUMINAIRE SCHEDULE				
TYPE	DESCRIPTION	VOLTAGE	LAMPS	DESIGN BASICS
A	4" SURFACE MOUNT LED STRIP CW 3,000 DELIVERED LUMENS, 80CRI, WHITE FINISH AND FROSTED DIFFUSER	120V	33W LED 4000K	LITHONIA - ZL1N L48 3000LM FST MVOLT 40K 80CRI WH

EMERGENCY LIGHTING SCHEDULE				
TYPE	DESCRIPTION	VOLTAGE	LAMPS	DESIGN BASICS
E1	SINGLE/DOUBLE SIDED, UNIVERSAL MOUNT, STEEL RED EXIT SIGN CW WHITE FINISH, CSA C22.2 #141.15 AND C880 CERTIFIED.	UNV	1.9W LED	AMLITE - EXST U M WHT - UNVDC

NOTES:

THESE DRAWINGS SHALL NOT BE SCALED.

THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.

THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.

ALL OPENINGS THROUGH THE FIRE SEPARATIONS AS A RESULT OF THE WORK OF THIS CONTRACT ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE AND SMOKE-TIGHT BARRIER.

ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.

THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.

WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.

WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.

GENERAL NOTES:

- GRAY LINE WEIGHT DENOTES EXISTING OR EQUIPMENT SUPPLIED BY OTHERS.

KEYNOTES:

- EXTEND CONTROL WIRING TO THE BOILER CONTROL PANEL. COORDINATE THE EXACT LOCATION OF THE BOILER CONTROL PANEL WITH THE CONTROLS SUB CONTRACTOR AT THE TIME OF BID.
- PROVIDE NEW BREAKERS IN PANEL 'R' AS SHOWN.

LEGEND:

- CIRCUIT BREAKER
- CONTACTOR
- RELAY
- THERMAL OVERLOAD
- THERMAL BLOCK
- DISCONNECT SWITCH

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR TENDER	CL	16.11.20

SEAL

DRAWN: SDG
CHECKED: *LS*
DATE: 2016.11.15

DESIGNED: CLS
APPROVED: *PS*

USER APPROVAL

THE CITY OF WINNIPEG
PLANNING, PROPERTY AND
DEVELOPMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3-65 GARRY STREET, R3C 4K4

PROJECT
REPLACEMENT OF
DOMESTIC HOT WATER
SYSTEM AT PAN AM POOL
25 POSEIDON BAY

SHEET TITLE
ELECTRICAL
WIRING SCHEMATIC, SCHEDULES
AND DETAILS

SCALE: AS SHOWN
PROJECT No: 16-0107-026
SHEET No: E06

