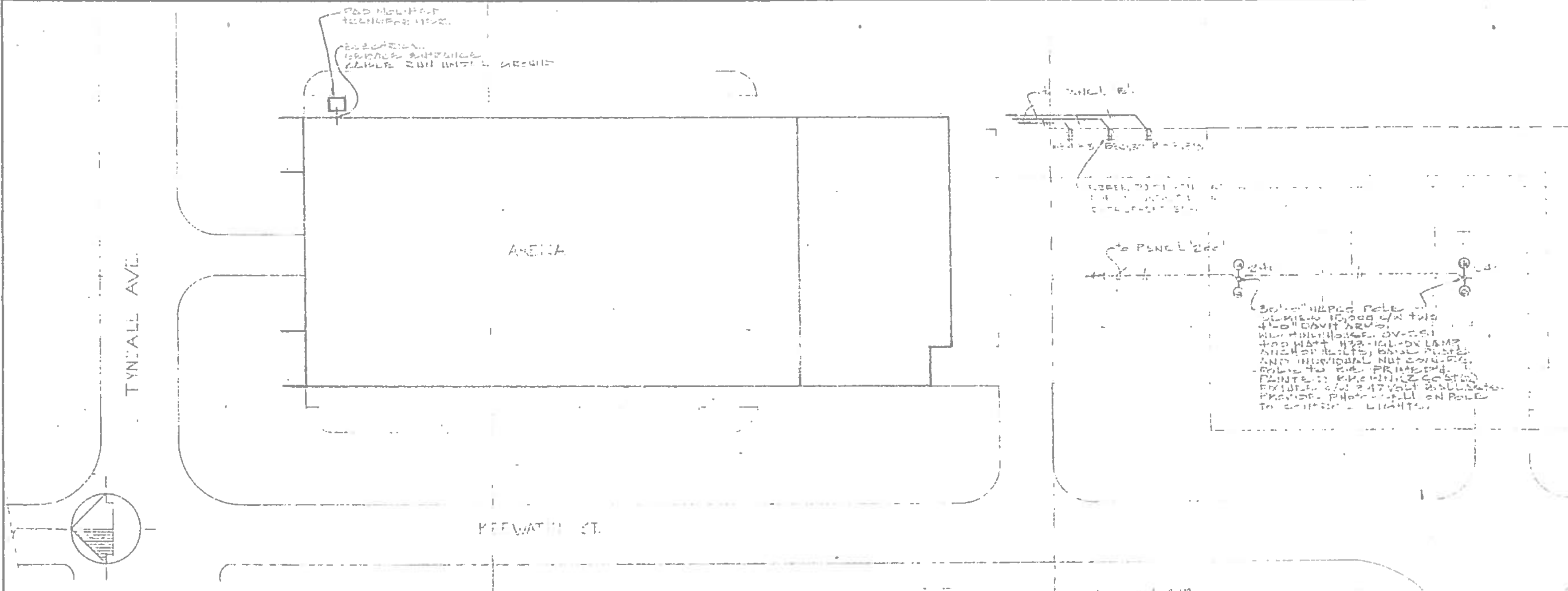
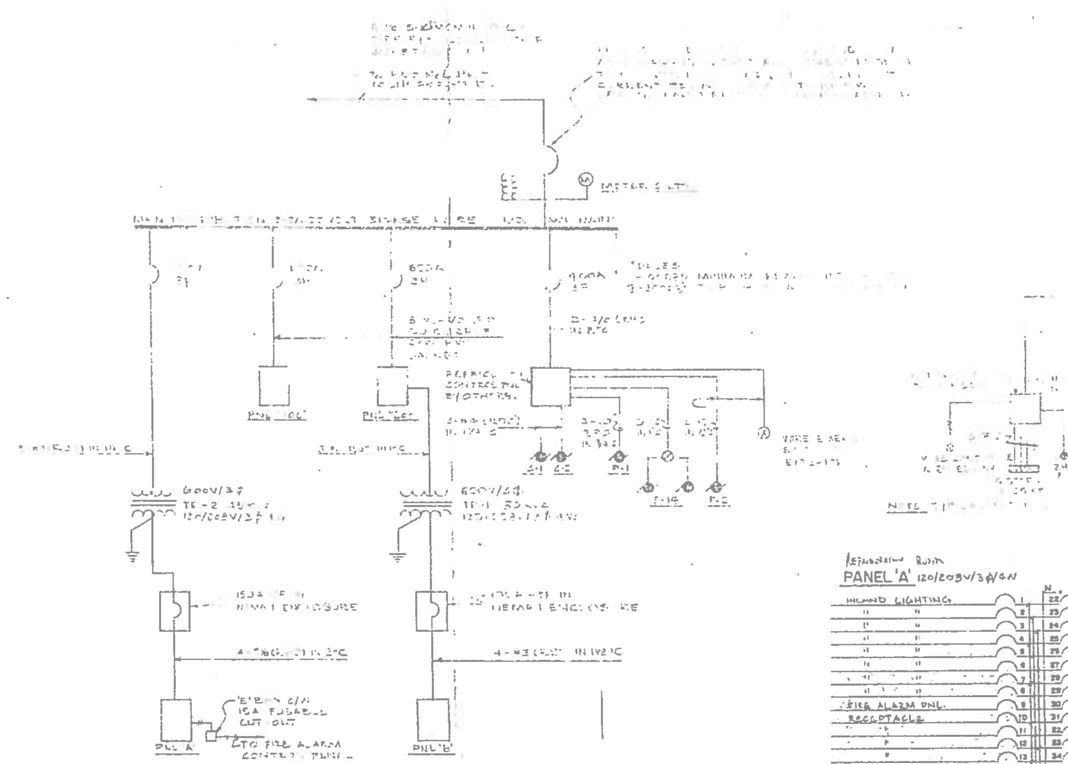


SITE PLAN
SCALE — 30'=1'-0"



MAIN DISTRIBUTION SCHEMATIC NTS

FIXTURE SCHEDULE

TYPE	MANUFACTURER	CAT NO	LAMPS	REMARKS
A1	WILSON	654-240-A12	2-40	C/W 347V BALLAST, [illegible]
B	[illegible]	LST1-248	[illegible]	[illegible]
C	WILSON	622-240HB	2-40	C/W [illegible] 347V BALLASTS
D	WILSON	62650-240-A12	[illegible]	[illegible]
A	[illegible]	MEM 3R-400	[illegible]	[illegible] 347V BALLAST, [illegible]
B	[illegible]	4-R 150	[illegible]	WALL MOUNTED
C	[illegible]	41-126	[illegible]	[illegible]
D	[illegible]	[illegible]	150W	[illegible]
E	[illegible]	1-354	[illegible]	[illegible]
F	[illegible]	1-4/105	[illegible]	[illegible]
G	[illegible]	N-25	40	[illegible]
E-1	CHLORIDE	E-2	[illegible]	WALL MTD. [illegible] (CHLORIDE E)

ELECTRIC HEATER SCHEDULE

TYPE	MANUFACTURER	CAT NO	WATTS	VOLTS	REMARKS
A					NOT REQUIRED
B	[illegible]	BUH-51	2000	600V/3Ø	C/W BUILT-IN [illegible] THERMOSTAT, TRANSFORMER
C	"	BUH-252	25000	600V/3Ø	" " "
D	"	CH-104	4000	600V/3Ø	C/W BUILT-IN THERMOSTAT [illegible]
E	"	BUH-152	15000	600V/3Ø	C/W BUILT-IN CONTACTOR [illegible]
F	"	AWC-10-650	3000	600V/3Ø	C/W BUILT-IN THERMOSTAT

MOTOR SCHEDULE

MTR NO	DESCRIPTION	LOCATION	H.P.	VOLT	STR & ACCESS MAN	MAG	PB	PL	CCT.	BRKR.	FEEDER	REMARKS
F-1	SUPPLY FAN	MECH ROOM	2	600/3Ø		●		●	204,05,06	100A-3P	[illegible]	[illegible]
F-2	"	" "	2	"		●		●	207,08,09	100A-3P	[illegible]	" " "
F-3	EXHAUST FAN	[illegible]	1/4	120/1Ø	●			●	B25	15A-1P	[illegible]	[illegible]
F-4			1/2	"	●			●	F24	15A-1P		"
F-5			1/2	"	●			●	B27	15A-1P		"
F-6			1/4	"	●			●	B28	15A-1P		"
F-7			1/4	"	●			●	B23	15A-1P		"
F-8		[illegible]	50W						B30			WALL SWITCH CONTROL
F-9		SKATE ROOM	50W	"	●			●	B30	15A-1P		"
F-10		STAFF ROOM	50W	"	●			●	B30			
F-11	KITCHEN HOOD	CANTEEN	FRAC	"	●				B22			[illegible]
F-12	[illegible] EXHAUST FAN	[illegible]	1/6	"	●			●	A22	15A-1P		
F-13	EXHAUST FAN	[illegible]	1/3	"	●			●	A23	15A-1P		[illegible]
F-14	CONDENSING UNIT	EXTERIOR	2-7½	600/3Ø								[illegible]
C-1	COMPRESSOR	REFRIG. RM	60	600V/3Ø								[illegible]
C-2	"		60	600V/3Ø								
P-1	BRINE PUMP	REFRIG. RM	20	600V/3Ø								[illegible]
P-2	WATER PUMP		2	600V/3Ø								
[illegible]	[illegible]	[illegible]	1/12	120V/1Ø	●			●	B27			[illegible]
[illegible]		[illegible]	1/12	120V/1Ø	●			●	A22			"
[illegible]	[illegible]	[illegible]	6/27	600V/3Ø					[illegible] 1-7 TO 1-12	40A-3P	[illegible]	[illegible]

SYMBOL LEGEND

- FLUORESCENT FIXTURE, AI-PANEL & CCT. NO. B-CONTROL
- INCANDESCENT FIXTURE
- INCANDESCENT WALL MOUNTED FIXTURE
- EXIT LIGHT ARROW DENOTES DIRECTION
- SINGLE POLE SWITCH
- SINGLE POLE SWITCHES IN MULTIPLE GANG
- TWO POLE SWITCH
- THREE WAY SWITCH
- FOUR WAY SWITCH
- DUPLEX RECEPTACLE
- SINGLE RECEPTACLE
- FLUSH FLOOR MOUNTED RECEPTACLE
- PEDESTAL MOUNTED DUPLEX RECEPTACLE
- SPECIAL POWER OUTLET AS NOTED ON DRAWINGS
- JUNCTION BOX
- WALL MOUNTED TELEPHONE OUTLET
- FLOOR MOUNTED TELEPHONE OUTLET
- TELEVISION OUTLET
- CLOCK OUTLET, "B" DENOTES C/W BUZZER
- DOUBLE FACED CLOCK OUTLET
- ASSEMBLY HORN
- ASSEMBLY BELL
- BUZZER
- PUSHBUTTON
- SOUND HANDSET
- COMBINATION CLOCK & SPEAKER OUTLET
- CEILING SOUND OUTLET
- WALL MOUNTED SOUND OUTLET
- WALL MOUNTED SOUND OUTLET C/W TALKBACK SWITCH
- MICROPHONE OUTLET
- MOTOR OUTLET
- MAGNETIC STARTER
- MANUAL STARTER
- ON-OFF PUSHBUTTON C/W PILOT LIGHT
- THERMOSTAT
- ELECTRIC VALVE
- DISCONNECT SWITCH
- AUTOMATIC FIRE ALARM THERMAL DETECTOR
- SMOKE DETECTOR
- SMOKE DUCT DETECTOR
- FIRE ALARM PULL STATION
- FIRE ALARM BELL, 10" DENOTES SIZE
- WALL MTD MAGNETIC DOOR HOLDER "F" DENOTES FLR MTD
- CEILING MTD EMERGENCY LIGHTING FIXTURE
- WALL MTD. EMERGENCY FIXTURE SINGLE HEAD
- WALL MTD EMERGENCY FIXTURE DOUBLE HEAD
- EMERGENCY LIGHTING BATTERY BANK
- REMOTE BALLAST MOUNTING
- POWER AND/OR LIGHTING PANEL
- CONDUIT HOME RUN TO PANEL
- W.P. DENOTES WEATHER PROOF

NOTE:
NOT ALL OF THE ABOVE SYMBOLS ARE REQUIRED IN THIS CONTRACT.

PANEL '100' 347/600V/3Ø/4W

CCT	DESCRIPTION	CCT	DESCRIPTION
1	FLUORESCENT LIGHTING	22	UNIT HEATER
2	" "	23	60A-2P
3	" "	24	3-#6(R90)
4	" "	25	UNIT HEATER
5	" "	26	60A-3P
6	" "	27	3-#6(R90)
7	" "	28	UNIT HEATER
8	" "	29	60A-3P
9	" "	30	3-#6(R90)
10	" "	31	UNIT HEATER
11	" "	32	60A-3P
12	" "	33	3-#6(R90)
13	SPACE	34	UNIT HEATER
14	"	35	20A-3P
15	"	36	3-#6(R90)
16	HEAT-CABLES	37	HOT WATER TANK
17	50A-3P	38	40A-3P
18	3-#8(R90) 1"C.	39	3-#8(R90)
19	UNIT HEATER	40	HOT WATER TANK
20	15A-3P	41	60-3P
21	3-#12(R90)	42	3-#8(R90)

PANEL '200' 347/600V/3Ø/4W

CCT	DESCRIPTION	CCT	DESCRIPTION
1	LIGHTING - FLUORESCENT	22	HOT WATER TANK
2	"	23	40A-3P
3	"	24	3-#8(R90)
4	F-1 100A-3P	25	UNIT HEATER
5	4 STEPS - COIL	26	60A-3P
6	FAN 1½ H.P.	27	3-#6(R90)
7	F-2 100A-3P	28	UNIT HEATER
8	4 STEPS - COIL	29	60A-3P
9	FAN 1½ H.P.	30	3-#6(R90)
10	HOT WATER TANK	31	FORCE FLOW & CONV HEATER
11	40A-3P	32	20A-2P
12	3-#8(R90)	33	3-#12(R90)
13	HOT WATER TANK	34	TR-1 PNL 'B'
14	40A-3P	35	70A-3P
15	3-#8(R90)	36	3-#6(R90) IN 1"C.
16	HOT WATER TANK	37	Hot WTR. TANK.
17	40A-3P	38	40A-3P
18	3-#8(R90)	39	3#8 R90 IN 3/4"C
19	HOT WATER TANK	40	PARKING Lot LGT.
20	40A-3P	41	SPACE
21	3-#8(R90)	42	"

PANEL 'A' 120/208V/3Ø/4W

CCT	DESCRIPTION	CCT	DESCRIPTION
1	INLAND LIGHTING	22	F-12 & F-8
2	" "	23	F-13
3	" "	24	HUBBELL #4700 REC.
4	" "	25	AERIAL DRY DAMPERS
5	" "	26	CONTROL PANEL
6	" "	27	SPACE
7	" "	28	"
8	" "	29	"
9	FIRE ALARM PNL.	30	"
10	RECEPTACLE	31	"
11	"	32	"
12	"	33	"
13	"	34	"
14	SCORESBOARD J.B.	35	"
15	GOAL LIGHTS	36	"
16	EXTERIOR LIGHTS	37	"
17	"	38	"
18	LIGHTING	39	"
19	"	40	"
20	SPARE	41	"
21	"	42	"

PANEL 'B' 120/208V/3Ø/4W

CCT	DESCRIPTION	CCT	DESCRIPTION
1	RECEPTACLES	22	STAFF ROOM RECEPT
2	"	23	" RANGE
3	MEETING ROOM COUNTER	24	50A-2P 3-#8
4	VENDING MACHINE RECEPT	25	LIGHTING F-2
5	" "	26	F-4
6	RECEPTACLE & TURNSTILE	27	" F-5, F-3
7	SOUND SYSTEM RECEPT.	28	F-6 F-8
8	RECEPTACLE	29	LIGHTING F-7
9	"	30	F-9, F-10
10	"	31	LIGHTING
11	VENDING MACHINE RECEPT.	32	EXIT LIGHTS
12	" "	33	VEST LIGHTING
13	CANTEEN RECEPT.	34	CAR RECEPTACLES
14	" "	35	15A-2P
15	" "	36	"
16	" RANGE	37	
17	50A-2P 3-#8	38	"
18	CANTEEN RECEPT.	39	
19	" FRIG. RECEPT.	40	CANTEEN FREEZER RECEPT
20	STAFF RM FRIG. RECEPT.	41	SPACE
21	" " RECEPT.	42	"

B-14
FILE
RETURN TO CIVIC PROPERTIES BUILDING INVENTORY.
3 08 3

CITY OF WINNIPEG
BILLY MOSIENKO ARENA – 709 KEEWATIN
BID OPPORTUNITY 1179-2016
DWG **E-2** **ELECTRICAL SITE PLAN AND SCHEDULES**