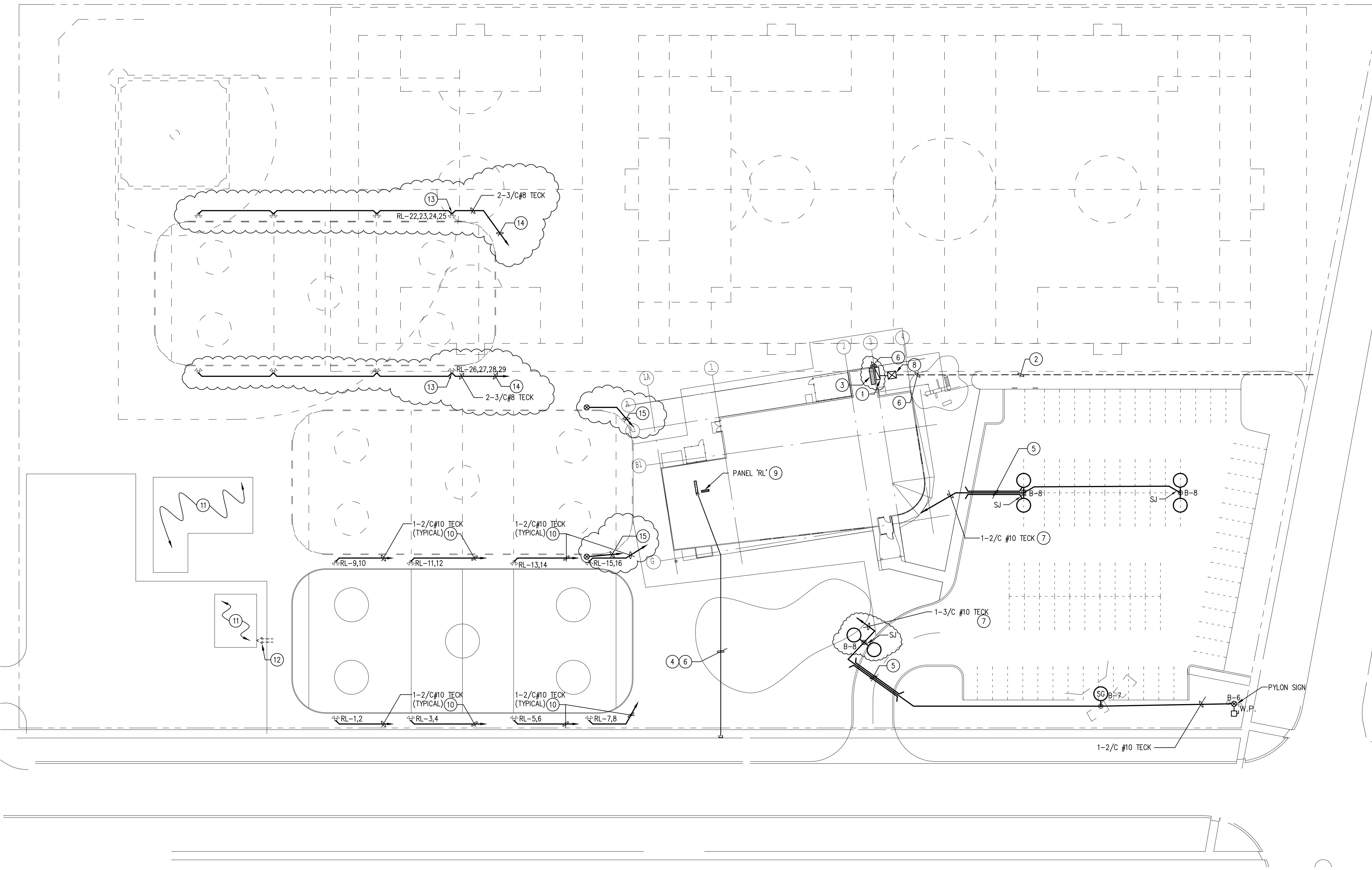


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**SITE PLAN - ELECTRICAL ⑦**  
SCALE 1:400

SYMBOL LEGEND	
	FLUORESCENT FIXTURE, A1-PANEL AND CIRCUIT NUMBER, B-CONTROL
	DENOTES LIGHTING FIXTURE CONNECTED TO NIGHT LIGHT CIRCUIT
	INCANDESCENT, FLUORESCENT, OR H.I.D. FIXTURE
	INCANDESCENT, FLUORESCENT, OR H.I.D. FIXTURE (WALL MOUNTED)
	INCANDESCENT, FLUORESCENT, OR H.I.D. FIXTURE (POLE MOUNTED)
	PHOTOCELL
	SINGLE POLE SWITCH
	THREE WAY SWITCH
	EXIT LIGHT (ARROW DENOTES DIRECTION)
	WALL MOUNTED EMERGENCY LIGHTING FIXTURE (DOUBLE HEAD)
	EMERGENCY BATTERY BANK C/W LIGHTING HEADS
	DUPLEX RECEPTACLE, 15A, 120V, 2P, 3W
	SPLIT FED DUPLEX RECEPTACLE, 15A, 120V, 2P, 3W
	RANGE RECEPTACLE
	JUNCTION AND/OR OUTLET BOX
	LIGHTING AND/OR POWER PANEL FLUSH MOUNTED
	LIGHTING AND/OR POWER PANEL SURFACE MOUNTED
	MOTOR OUTLET
	MAGNETIC STARTER
	MANUAL STARTER OR TOGGLE SWITCH
	DISCONNECT SWITCH
	SPEED CONTROLLER
	ELECTRIC HEATER
	THERMOSTAT
	ADJACENT TO SYMBOL DENOTES "WEATHER PROOF"
	ADJACENT TO SYMBOL DENOTES "MOUNTED ABOVE COUNTER"
	ADJACENT TO SYMBOL DENOTES "CEILING MOUNTED"
	ADJACENT TO SYMBOL DENOTES "WALL MOUNTED"
	STUBBED CONDUIT RUN
	RATE OF RISE AUTOMATIC FIRE ALARM DETECTOR
	FIXED TEMPERATURE AUTOMATIC FIRE ALARM DETECTOR
	SMOKE DETECTOR
	FIRE ALARM PULL STATION
	COMBINATION FIRE ALARM HORN SPEAKER/STROBE
	TELEPHONE OUTLET
	COMBINATION VOICE/DATA OUTLET
	ADJACENT SYMBOL DENOTES "1 CATEGORY 5E CABLE AND JACK FOR TELEPHONE"
	ADJACENT SYMBOL DENOTES "1 CATEGORY 5E CABLE AND JACK FOR COMPUTER"
	C.A.T.V. OUTLET
	BUZZER OR CHIME
	PUSHBUTTON

- DRAWING NOTES:
- PROVIDE A 600A-120/208V 3ø 4W CSTE CABINET C/W UTILITY METERING FOR UTILITY CABLE TERMINATION.
  - MANITOBA HYDRO PRIMARY UNDERGROUND SERVICE CABLES. CO-ORDINATE WITH UTILITY.
  - APPROXIMATE LOCATION OF MAIN DISTRIBUTION MD-2A.
  - PROVIDE 2-75MM BURIED RIGID PVC SERVICE ENTRANCE CONDUITS FROM TELEPHONE BACKBOARD TO PROPERTY LINE FOR TELEPHONE AND CABLE TV ENTRANCE CABLES.
  - PROVIDE 50MM PVC CONDUIT SLEEVES BURIED UNDER ROADWAY.
  - COORDINATE HYDRO AND TELEPHONE SERVICE ENTRANCES WITH NEW NATURAL GAS, WATER AND SEWER SERVICES TO THE BUILDING.
  - PROVIDE A LEVITON LITE KEEPER 4 CIRCUIT RELAY PANEL MODEL NO. LK-004-120 TO CONTROL ALL EXTERIOR LIGHTS. LOCATE ON WALL BY PANEL B.
  - PAD MOUNTED TRANSFORMER, TRANSFORMER PAD, TRENCHING AND PRIMARY CABLES SUPPLIED AND INSTALLED BY MANITOBA HYDRO. CITY OF WINNIPEG TO PAY HYDRO COSTS.
  - PROVIDE 2-8 POLE 20A LIGHTING RELAYS FOR CONTROL OF EXISTING RINK LIGHT CIRCUITS. CONTACTOR TO BE CONTROLLED BY A KEYPED SWITCH IN ROOM 122.
  - RE-WIRE EXISTING POLE MOUNTED 240V, 1ø, 400WATT METAL HALIDE FIXTURES TO NEW PANEL "RL" IN ROOM 125. NEW WIRING TO RUN UP POLE TO WEATHERPROOF JUNCTION BOX BY FIXTURES. RUN NEW WIRING UNDERGROUND TO PANEL "RL". DISCONNECT, REMOVE EXISTING WIRING ABOVE GRADE.
  - DISCONNECT ALL ELECTRICAL DEVICES IN BUILDINGS BEING DEMOLISHED.
  - DISCONNECT EXISTING OVERHEAD HYDRO SERVICE. COORDINATE WITH UTILITY.
  - INSTALL NEW UNDERGROUND FEEDERS TO TEMPORARY OUTDOOR RINK AT FIRST FIXTURE POLE. RUN CABLES UP POLE AND RUN OVERHEAD TO REMAINING POLES WITH MULTICONDUCTOR TECK CABLES. MAINTAIN MINIMUM CLEARANCE OF 4000mm OF CABLES TO GRADE.
  - PROVIDE 1-8 POLE 20A LIGHTING RELAY BY PANEL RL FOR CONTROL EXISTING TEMPORARY RINK LIGHT CIRCUITS. CONTACTOR TO BE CONTROLLED BY A KEYPED SWITCH IN ROOM 122.
  - PROVIDE A SEPARATE PRICE TO RELOCATE UNDERGROUND CIRCUITS RL-22,23,24,25,26,27,28 & 29 TO FUTURE OUTDOOR RINK LOCATION. WIRE AND CONNECT UP 4 POLES PER SIDE WITH 1-240V 1ø CIRCUIT PER POLE AS PER RINK IN NOTE (10) ABOVE.

REVISIONS		
NO.	DATE	PARTICULARS
1	05-03-23	EXPANDED TENDER
3	05-05-10	ADDENDUM ITEMS

NOTES

**SMS ENGINEERING**  
 SMS Engineering Ltd. Consulting Engineers  
 770 Bradford Street Winnipeg MB Canada R3M 0G3  
 Telephone 204.775.0291 Fax 204.772.2153  
 03-514-01 sms@smseng.mb.ca

PROFESSIONAL SEALS

**APEGM**  
 Certificate of Authorization  
 SMS Engineering Ltd.  
 No. 166 Expiry: April 30, 2004

ORIGINAL CONTRACT DRAWING  
 SIGNED AND SEALED BY  
 B. D. LESKO, P. ENG.  
 MARCH 23, 2005

THIS DRAWING MUST NOT BE SCALED.  
 THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND OTHER DATA ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES, ERRORS AND OMISSIONS ARE TO BE REPORTED TO THE ARCHITECT.  
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200 -141 Bannatyne Avenue, Winnipeg, Manitoba R3B 0R3  
 Telephone - 204.956.0938 Facsimile - 204.943.5597

PROJECT TITLE  
**RED RIVER COMMUNITY CENTRE REDEVELOPMENT**

LOCATION  
 WINNIPEG, MB  
 293 MURRAY AVENUE

CLIENT  
 THE CITY OF WINNIPEG

DRAWING TITLE  
**SITE PLAN - ELECTRICAL & SYMBOL LEGEND**

DRAWN CM/RC	APPROVED ALG	DRAWING E1.1
SCALE 1:400	DATE ISSUED 05-03-23	
JOB NUMBER 03-514-01	DATE PLOTTED 05-03-23	REVISION R-3