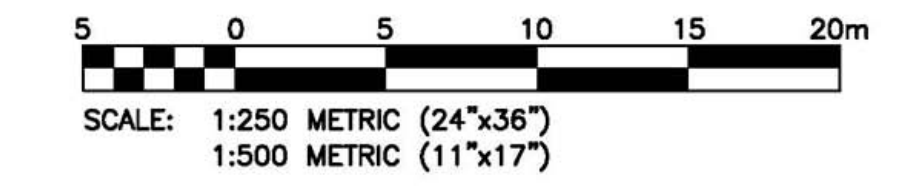


- LEGEND:**
- JBI JUNCTION BOX
  - WP WATERPROOF
  - SPLIT RECEPTACLE
  - DRAIN PIPE
  - 600V CONDUIT
  - 120V CONDUIT
  - CLIENT SUPPLIED PORTABLE POWER CABLE
  - HEAT TRACE CABLE
  - 1φ MOTOR LOAD
  - 3φ MOTOR LOAD

- NOTES:**
1. PROVIDE AN IN GROUND JUNCTION BOX COMPLETE WITH TWO WATERPROOF L5-15R SPLIT WIRED WEATERPROOF TWIST LOCK RECEPTACLES. CONTRACTOR TO ALLOW FOR RE-TERMINATING OF FOUR WATER FEATURE POWER CABLES TO L5-15P WATERPROOF TWIST LOCK ENDS.
  2. PROVIDE A WELL PUMP CONTROL PANEL COMPLETE WITH VFD, START/STOP PUSHBUTTONS, LOAD REACTOR, CONTROL TRANSFORMER, TIMER. PROVIDE A PRESSURE TRANSMITTER FOR CONNECTION TO THE VFD TO ALLOW CONTROL OF THE PRESSURE TO MAINTAIN 60 PSI WHILE THE PUMP IS ON.
  3. REFER TO MUNICIPAL DRAWING C01 FOR THE EXACT LOCATION OF THE WELL PUMP, WELL PUMP SUPPLY LINE AND SUMP PIT.
  4. REFER TO THE LANDSCAPE ARCHITECTS DRAWINGS FOR THE EXACT LOCATIONS OF ALL THE RECEPTACLES.
  5. REFER TO LANDSCAPE ARCHITECT DRAWINGS FOR EXACT LOCATIONS OF EQUIPMENT.
  6. GREY SHADED LINE WEIGHT DENOTES EQUIPMENT PROVIDED BY OTHERS OR EXISTING.
  7. PROVIDE A WATERPROOF JUNCTION BOX ADJACENT TO THE SUMP PUMP FOR THE POWER CONNECTION COMPLETE WITH L5-20R WATERPROOF TWIST LOCK RECEPTACLE. CONTRACTOR TO CUT OFF THE SUMP PUMP CORD'S FACTORY END AND TERMINATE THE CORD TO A L5-20P WATERPROOF TWIST LOCK PLUG. EXTEND A PVC CONDUIT FROM THE JUNCTION BOX TO THE SUMP PUMP PIT TO ALLOW THE NEW TWIST LOCK PLUG END TO PASS THROUGH.
  8. REFER TO MECHANICAL DRAWING M01 FOR THE ROOM LAYOUT AND EXACT LOCATION OF EQUIPMENT.
  9. TERMINATE THE WELL PUMP FEEDER TO THE FACTORY WELL PUMP CORD USING A RAYCHEM GELCAP SPLICE KIT.
  10. ROUTE 600V FEEDER TO NEW CONTROL PANEL THROUGH CEILING SPACE CONCEALED. ALL HOLES THROUGH CONCRETE SHALL BE CORED. WHERE IN PUBLIC WASHROOM, EXPOSED CONDUIT MAY BE USED IF MOSTLY CONCEALED AND PAINTED TO MATCH EXISTING.
  11. MOUNT NEW 36 CIRCUIT OUTDOOR DISTRIBUTION PANEL 'ODP' AND TR-3 IN SERVICE ROOM.
  12. FEEDER TO TR-3 SHALL BE FISHED THROUGH CEILING SPACE. NO EXPOSED WIRING WILL BE ALLOWED IN PUBLIC SPACE.
  13. FEEDS FROM ODP TO EXTERIOR SHALL BE CORED THROUGH WALL TO VESTIBULE AND SEALED TO MAINTAIN FIRE RATING. FEEDS SHALL THEN BE CORED TO EXTERIOR AND RUN NEAR CEILING IN RGS CONDUIT THEN ROUTE UNDERGROUND. ONCE BURIED, TRANSITION TO RIGID PVC FOR THE REMAINDER OF UNDERGROUND CONDUIT. FEEDER CONDUIT SHALL BE 2". PULL 20/C FOR ALL CIRCUITS FROM ODP TO THE FIRST IN GROUND JUNCTION BOX AND EXTEND FROM THERE.
  14. COORDINATE WITH POND SUPPLIER FOR SUFFICIENT LENGTH ON CABLES.
  15. PULL IN CABLE WITH DIRECTIONAL DRILLING USED FOR PUMP.
  16. MOUNT JUNCTION BOX IN PLANTER, COORDINATE WITH LANDSCAPING.
  17. PROVIDE POWER FOR HEAT TRACE SYSTEM. COORDINATE WITH CIVIL CONTRACTOR FOR POWER SUPPLY REQUIREMENTS. PROVIDE SELF LIMITING HEAT TRACE AND CONTROLLER.
  18. MOUNT DUPLEX RECEPTACLE TO A SUPPORT STAKED INTO GROUND. PROVIDE RECEPTACLE COVERS AS REQUIRED BY CODE. COORDINATE ALL RECEPTACLE LOCATIONS WITH LANDSCAPE ARCHITECT.

**GENERAL NOTES ON UNDERGROUND CABLE:**

CABLING TO THE WELL PUMP IS ANTICIPATED TO BE COORDINATED WITH THE PIPING SO IT CAN BE PUSHED. ALL OTHER CABLING OUTSIDE THE POND AREA SHALL BE TRENCHED. CABLING UNDER THE POND SHALL BE DONE PRIOR TO THE CLAY LINER, OR SHALL BE PUSHED UNDER POND.



0	14/04/14	ISSUED FOR TENDER	AP
NO.	YY/MM/DD	DESCRIPTION	BY
REVISIONS / ISSUE			

CLIENT:

**SCATLIFF+MILLER+MURRAY Inc.**  
 1-78 MARTEL AVENUE  
 WINNIPEG, MB, CANADA

PROJECT:

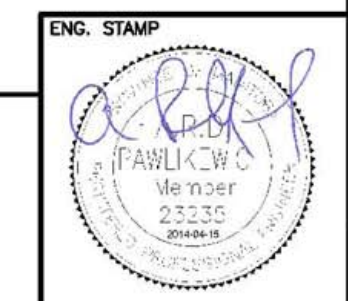
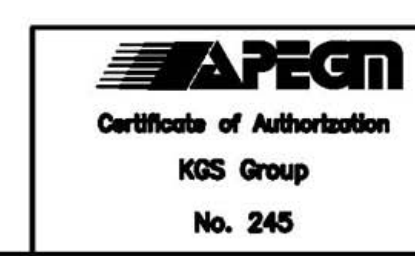
**PEGUIS PAVILION  
 POND REDEVELOPMENT  
 & LANDSCAPE RENOVATIONS**

DWG. DESCRIPTION:

**ELECTRICAL  
 SITE PLAN**

<b>KGS GROUP CONSULTING ENGINEERS</b>	DESIGN BY:	CLS	DATE (YY/MM/DD):	14/03/12
	DESIGN CHECK:	AP	DATE:	14/04/11
	DRAWN BY:	CBW	DATE:	14/03/19
	DWG CHECK:	DAL	DATE:	14/04/11

DWG. NO. **13-0109-001 E02** REV: **0**



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