



- NOTES:**
1. INSTALL BOILER GAS SHUT OFF SWITCHES DIRECTLY ADJACENT TO THE DOOR AT 1500mm AFF.
 2. MECHANICAL EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE. REFER TO MECHANICAL DRAWINGS FOR FINAL EQUIPMENT LOCATIONS.
 3. PROVIDE AND INSTALL JUNCTION BOX IN THE CEILING SPACE. TERMINATE EXISTING FIRE ALARM CIRCUITS AND EXTEND TO THE NEW FIRE ALARM PANEL LOCATION.
 4. CONTROL PANEL FOR SHOWER SUPPLY. CONTROL PANEL PROVIDED BY OWNER. CONTRACTOR SHALL INSTALL CONTROL PANELS INCLUDING ALL POWER AND CONTROL WIRING TO SHOWERS.
 5. CONTRACTOR SHALL COORDINATE WITH SPRINKLER SHOP DRAWINGS FOR FINAL QUANTITY AND LOCATION PRIOR TO INSTALLATION.
 6. COORDINATE ALL CONNECTIONS TO SPLASH AND POOL EQUIPMENT. LOCATIONS SHOWN ARE APPROXIMATE. REFER TO POOL SUPPLIER DRAWINGS FOR FINAL EQUIPMENT LOCATIONS.
 7. EXISTING FEEDER TO PANELS 'A', 'B' AND 'C'. CONTRACTOR TO EXTEND TO NEW MEZZANINE ELECTRICAL ROOM AS REQUIRED.
 8. CONTRACTOR TO PROVIDE A NEW WEATHERPROOF HEAT DETECTOR TO THE TOP OF THE NON-HEATED STAIRWELL. PROVIDE ZONE AT ANNUNCIATOR.
 9. TIE INTO EXISTING BUILDING GROUND.
 10. INDICATED GROUND RODS SHALL BE COMPLETE WITH A TEST WELL COVER.
 11. ALL GROUNDING AND BONDING SHALL BE INSTALLED AS PER CEC SECTION 10 AND 58.
 12. GROUND CONDUCTOR CONNECTING GROUND RODS SHALL BE #4/0 AWG BARE STRANDED COPPER.
 13. GROUND CONDUCTORS BETWEEN GROUND LOOP AND THE POOL SHALL BE #2/0 AWG BARE STRANDED COPPER.
 14. ALL BURIED OR CONCEALED GROUND CONNECTIONS SHALL BE EXOTHERMIC TYPE. CRIMP TYPE CONNECTIONS ARE ACCEPTABLE ONLY FOR ACCESSIBLE CONNECTIONS.
 15. PROVIDE FOUR (4) CONNECTIONS TO THE PLAY STRUCTURE MOUNTING PLATES
 16. PROVIDE CONNECTION TO ALL POOL MECHANICAL EQUIPMENT.
 17. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW OULETTE BASE BOARD HEATER. THE INTENT IS TO REPLACE THE EXISTING UNIT WITH A UNIT OF THE SAME SIZE. CONTRACTOR SHALL CONFIRM THE SIZE OF THE EXISTING UNIT AT SHOP DRAWING PHASE. EXISTING CIRCUIT TO BE REUSED.
 18. CONTRACTOR TO COORDINATE ALL EXISTING CONDUIT WITH NEW VESTIBULE. CONDUIT SHALL BE REMOVED AND REINSTALLED TO SUIT AS REQUIRED. RELOCATE JUNCTION BOXES AS NEEDED.
 19. PROVIDE AND INSTALL HEAT TRACE WITHIN CONDUITS PROVIDED IN THE AHU DRAIN LINES. PROVIDE FIVE (5) RTD'S, ONE FOR EACH OF THE FOUR LINES AND ONE ADDITIONAL RTD FOR THE AMBIENT TEMPERATURE SENSING.
 20. PROVIDE AND INSTALL A HEAT TRACE CONTROLLER FOR CONTROL OF THE FOUR AHU-1 DRAIN LINE HEAT TRACE.

1 CRAWLSPACE POWER/SYSTEMS PLAN - NEW

2000 0 2000 4000 6000 8000

SCALE: 1:100mm (24"x36")

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professional seals

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Professional Engineer
152345
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project information

SEVEN OAKS POOL

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Winnipeg, MB
Canada

client

City of Winnipeg
4th Floor - 86 King Street
Winnipeg, MB

drawing information

ELECTRICAL CRAWLSPACE POWER & SYSTEMS - NEW

drawn by: GCN
approved by: [Signature]

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SEVEN OAKS POOL RENOVATION & ADDITION
BID OPPORTUNITY NO. 645-2016

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