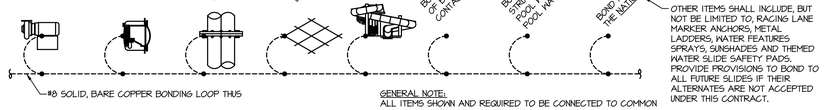

OTHER ITEMS SHALL INCLUDE, BUT NOT BE LIMITED TO, RACING LANE MARKER ANCHORS, METAL LADDERS, WATER FEATURES SPRAYS, SUNSHADES AND THEMED WATER SLIDE SAFETY PADS. PROVIDE PROVISIONS TO BOND TO ALL FUTURE SLIDES IF THEIR ALTERNATES ARE NOT ACCEPTED UNDER THIS CONTRACT.

GENERAL NOTE:
ALL ITEMS SHOWN AND REQUIRED TO BE CONNECTED TO COMMON BONDING LOOP. ELECTRICAL CONTRACTOR SHALL TEST FOR CONTINUITY TO ALL ITEMS AT THE END OF CONSTRUCTION. THE MAXIMUM ALLOWABLE RESISTANCE BETWEEN ANY TWO ITEMS SHALL BE 5 OHMS.

2 Equipotential Bonding Schematic
Scale: None

1 MEP Site Plan
Scale: 1" = 20'-0"

GENERAL NOTES:

THE FOLLOWING NOTES SHALL APPLY TO ALL WORK SHOWN ON SHEETS SP-ME1, SP-ME2, SP-MI, SP-EI, SP-E2, AND SP-E3 AND SHALL SUPERSEDE REQUIREMENTS DEFINED IN SPECIFICATIONS:

A. UNLESS NOTED OTHERWISE, ALL CONDUITS SHALL BE SCHEDULE 40 PVC WITH BARE COPPER GROUND WIRE. ALL CONDUIT SHALL BE RUN PARALLEL OR PERPENDICULAR TO THE BUILDING SURFACES. ALL EMPTY CONDUIT SYSTEMS SHALL BE PROVIDED WITH PULL STRINGS.
B. ALL POWER WIRES AND CABLES SHALL BE COPPER, #12 AWG, UNLESS NOTED OTHERWISE. WIRE SHALL BE CODE TYPE THHN OR THWN.
C. JUNCTION, PULL, RECEPTACLE, AND LIGHT FIXTURE BOXES SHALL BE PVC.
D. ALL FLUSH WIRING DEVICES SHALL BE PROVIDED WITH JUMBO PASS & SEYMOUR STAINLESS STEEL COVER PLATES. COVER PLATES FOR WIRING DEVICES IN SURFACE BOXES SHALL BE STAINLESS STEEL UTILITY BOX COVERS, RAISED 1/4".
E. PROVIDE THE LIGHT FIXTURES AS SCHEDULED. MATERIAL, TRIM, EQUIPMENT OR SERVICES NECESSARY TO COMPLETE THE INSTALLATION OF THESE FIXTURES, BUT NOT SPECIFICALLY MENTIONED, SHALL BE FURNISHED AS THOUGH SPECIFIED.
F. ALL ELECTRICAL EQUIPMENT AND INSTALLATION SHALL MEET THE REQUIREMENTS OF NEC ARTICLE 680. ALL EQUIPMENT IN AND AROUND THE POOL SHALL BE UL LISTED AND APPROVED FOR POOL USE.
G. FOR ALL ELECTRICAL ENCLOSURES, PANELS, MCC, TRANSFORMERS, ETC., PROVIDE BLACK PHENOLIC PLASTIC TAGS WITH WHITE LETTERING. TAGS SHALL CLEARLY DESCRIBE CONTENTS OF ENCLOSURE OR FUNCTION OF DEVICE AND SHALL BE MECHANICALLY FASTENED TO THE ENCLOSURE. ADHESIVE FASTENING SHALL NOT BE ACCEPTABLE.
H. ALL ELECTRICAL EQUIPMENT IN ENCLOSED PUMP PITS AND FILTER AREAS SHALL BE IN NEMA-4 ENCLOSURES. ALL EXTERIOR ELECTRICAL EQUIPMENT SHALL BE NEMA-3R ENCLOSURES. ALL ELECTRICAL EQUIPMENT IN DEDICATED MECHANICAL/ ELECTRICAL ROOMS SHALL BE NEMA-1. THIS NOTE SHALL APPLY UNLESS NOTED OTHERWISE ON DRAWINGS.
I. ALL BELOW GRADE CONDUITS ON SITE SHALL BE ROUTED IN GRANULAR FILL OR LOWER, AND NOT WITHIN THE CONCRETE DECK.

(E) ELECTRICAL PLAN NOTES:

1. #8 SOLID BARE COPPER SPRAYGROUND BONDING LOOP. BOND ALL METALLIC ITEMS AS REQUIRED BY THE NATIONAL ELECTRIC CODE, 680.26. INSTALL BONDING LOOP 48" (+/- 6") FROM INSIDE FACE OF SPRAYGROUND AND NO DEEPER THAN 12" BELOW THE FINISHED DECK ELEVATION. SEE DETAIL #2/SP-ME2 FOR FURTHER INFORMATION.
2. EXTEND #8 BONDING WIRE INTO FILTER AREA OR PUMP PIT AND BOND TO PUMPS.
3. PROVIDE (1) 3/4" SCHEDULE 40 PVC CONDUIT WITH (2) #12 CONTROL CONDUCTORS BELOW GRADE TO FILTER/PUMP AREA AND CONNECT TO VORTEX SMARTFLOW LOGIC5 CONTROLLER. REFER TO ELECTRICAL PLAN ON SHEET SP-EI FOR CONTINUATION. COORDINATE ACTIVATION BOLLARD/BUTTON LOCATION WITH POOL ENGINEER.

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WICHITA, KANSAS
Spray Ground
LINWOOD PARK

CITY OF WICHITA

Seal: CASEY STEINER LICENSED KANSAS PROFESSIONAL ENGINEER 8/19/2020

CASEY JOHN STEINER
LICENSE #19423

Date: 8-14-20	Job #: 1820529
Drawn: CDW	Checked: MST
Issue: CONSTRUCTION DOCUMENTS	

MEP SITE PLAN

SP-ME2

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