ALUMINUM FEEDER SIZE SCHEDULE COPPER FEEDER SIZE SCHEDULE 4 WIRE FEEDERS WITH | 3 WIRE FEEDERS WITH | OVERCURRENT WIRE SIZE OVERCURRENT 4 WIRE FEEDERS WITH 3 WIRE FEEDERS WITH | (200% NEUTHAL) | EQUIPMENT GROUND | EQUIPMENT GROUND | (200% NEUTRAL) (200% NEUTRAL) AWG. OR KCMIL AWG. OR KCMIL EQUIPMENT GROUND | EQUIPMENT GROUND WITH EQUIP. GROUND. RATING RATING COND. SIZE | IDENT. | COND. SIZE | DENT. COND. SIZE | IDENT. COND. SIZE | IDENT. | COND. SIZE | IDENT.
 3/4"
 A2

 3/4"
 B2

 3/4"
 B

 3/4"
 B

 3/4"
 B
 1 1/2" G 1 1/2" G1 125 C2 150 10 | 1 1/4" | E2 | 1 1/4" | E | 1 1/4" | E1 250 KCMIL K2 2 1/2" K 2 1/2" K1 225 300 KCMIL L2 2 1/2" L 2 1/2" L1 350 KCMIL 2- 1/2" 1. CONDUIT SIZES ARE BASED ON TYPE THHN, THWN, THWN-2 CONDUCTORS, TABLE C1, 500 KCMIL 2008 NATIONAL ELECTRIC CODE. 700 KCMIL 400 2-250 KCMIL 2-2 1/2" P2 2-2 1/2" P 2-2 1/2" P1 2. WHERE MULTIPLE SETS ARE SPECIFIED, PROVIDE 3 PHASE, NEUTRAL AND GROUND 2-300 KCMIL 2-3" Q2 2-2 1/2" Q IN EACH CONDUIT. CONDUCTORS AND CONDUITS SHALL BE EQUAL IN LENGTH AND OF SAME MANUFACTURER. 2-350 KCMIL 2-500 KCMIL 2/0 2-3 1/2" 3. IF IDENT. ON ONE-LINE DIAGRAM SHOWS CONDUCTORS WELL ABOVE OVERCURRENT 3/0 2-4" T2 2-4" T 2-3 1/2" 2-700 KCMIL PROTECTION, VOLTAGE DROP HAS BEEN ACCOUNTED FOR. 3-400 KCMIL 3/0 3-3" U2 3-3" U 3-2 1/2" U1 6-3 1/2" Y 6-3" Y1 2000 6-600 KCMIL 400 KCMIL NOTES: 1. CONDUIT SIZES ARE BASED ON XHHW-2 CONDUCTORS IN EMT CONDUIT.

1. THE EXISTING ONE LINE HAS BEEN DEVELOPED BASED ON EXISTING DRAWINGS AND READILY AVAILABLE OBSERVATIONS. NO CIRCUIT TRACES WERE USED TO VERIFY THE SYSTEM CONFIGURATION. WIRE SIZES SHOWN ARE FOR ESTIMATING PURPOSES ONLY AND HAVE NOT BEEN FIELD VERIFIED. NOT ALL DISTRIBUTION EQUIPMENT IS SHOWN

ON THIS DRAWING.

KEYNOTES

EXISTING PANELBOARD AFFECTED BY NEW CONSTRUCTION.

CROCKFORDS -RESORTS WORLD CATSKILLS

888 resorts World Dr Monticello, NY 12701

JCJARCHITECTURE

120 HUYSHOPE AVENUE

SUITE 400

HARTFORD, CT 06106

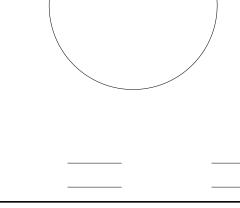
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REVISIONS

POWER DISTRIBUTION
DIAGRAM - EMERGENCY

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