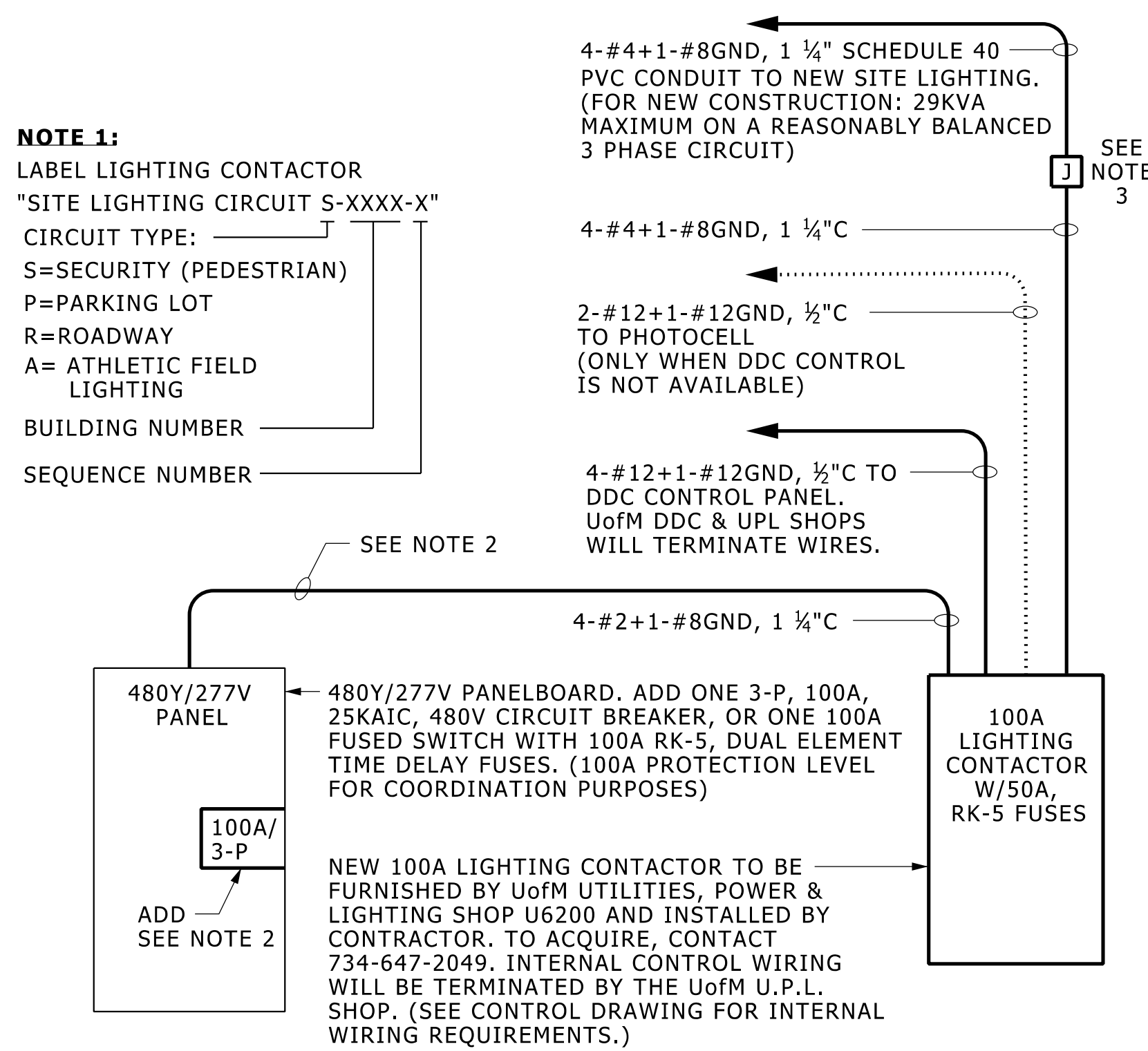


SUPERVISORY CONTROL

NOTES:
 FOR NEW CONSTRUCTION: 29KVA MAX. LOAD ON A REASONABLY BALANCED 3-PHASE CIRCUIT.
 ALL CONDUIT MUST CONTAIN N.E.C SIZED GROUND CONDUCTOR.

CONTROL WIRING FOR CONTACTOR



NOTE 1:
 LABEL LIGHTING CONTACTOR "SITE LIGHTING CIRCUIT S-XXXX-X"
 CIRCUIT TYPE:
 S=SECURITY (PEDESTRIAN)
 P=PARKING LOT
 R=ROADWAY
 A= ATHLETIC FIELD LIGHTING
 BUILDING NUMBER
 SEQUENCE NUMBER

NOTE 2:
 IF AVAILABLE POWER IS 208Y/120V, FEED LIGHTING CONTACTOR WITH 150A, 3-P CIRCUIT BREAKER, OR ONE 200A FUSED SWITCH WITH 150A, RK-5, DUAL ELEMENT TIME DELAY FUSES, THROUGH 208V-480Y/277V, 45KVA, COPPER WOUND, 150°C TEMPERATURE RISE, STEP-UP TRANSFORMER, SQ-D #45T64H. WIRE TO BE 3-#1/0+1-#6GND, 2" C.

NOTE 3:
 PROVIDE JUNCTION BOX ON INSIDE OF EXTERIOR WALL FOR TRANSITION FROM TYPE THHN CABLES TO TYPE XHHW CABLES OUTSIDE.

TYPICAL RISER FOR SITE LIGHTING POWER SOURCE