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

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

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

NOTE 2:
IF AVAILABLE POWER IS 208Y/120V, FEED LIGHTING CONTACTOR WITH 208V, 3-P CIRCUIT BREAKER, OR ONE 200A FUSED SWITCH WITH 100A RK-5, DUAL ELEMENT TIME DELAY FUSES. (100A PROTECTION LEVEL FOR COORDINATION PURPOSES)
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TRANSFORMER, SQ-D #45T64H. WIRE TO BE 3-#1/0+1-#6GND, 2"C.