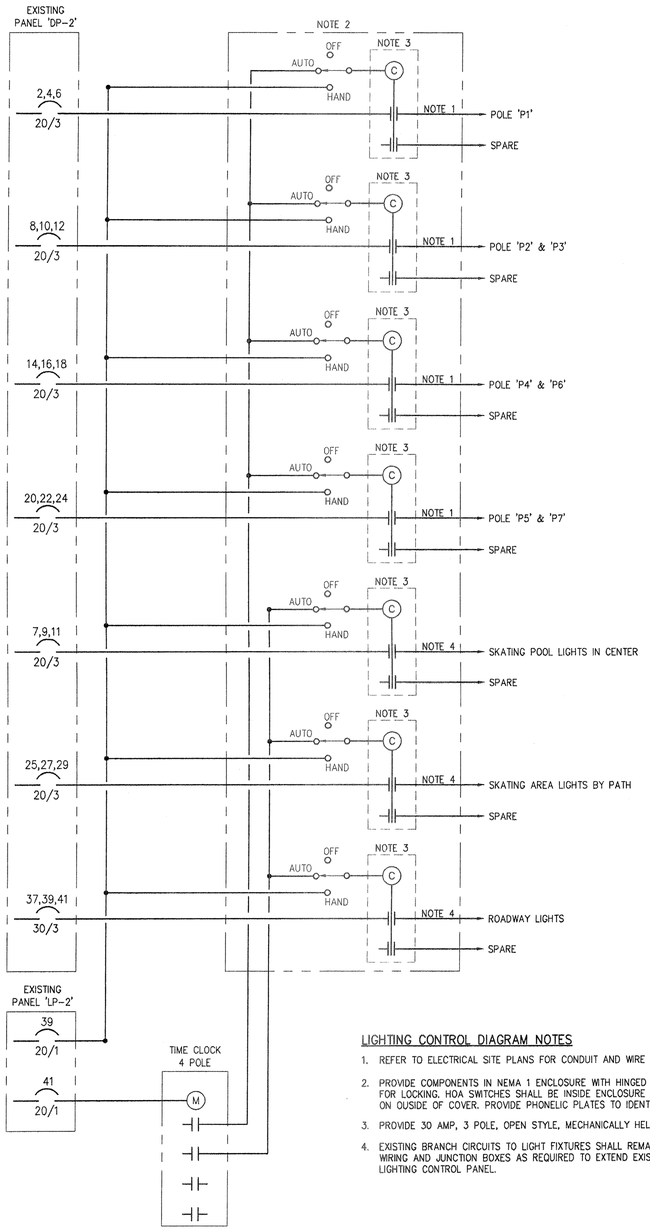
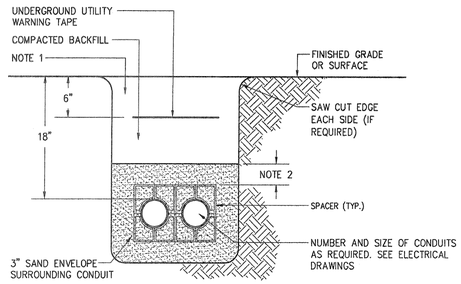



## LIGHTING CONTROL DIAGRAM NOTES

1. REFER TO ELECTRICAL SITE PLANS FOR CONDUIT AND WIRE SIZE.
2. PROVIDE COMPONENTS IN NEMA 1 ENCLOSURE WITH HINGED COVER AND PROVISIONS FOR LOCKING. HOA SWITCHES SHALL BE INSIDE ENCLOSURE WITH OPERATING HANDLES ON OUSIDE OF COVER. PROVIDE PHONELIC PLATES TO IDENTIFY CIRCUITS CONTROLLED.
3. PROVIDE 30 AMP, 3 POLE, OPEN STYLE, MECHANICALLY HELD LIGHITNG CONTACTORS.
4. EXISTING BRANCH CIRCUITS TO LIGHT FIXTURES SHALL REMAIN. PROVIDE CONDUIT, WIRING AND JUNCTION BOXES AS REQUIRED TO EXTEND EXISTING CIRCUITRY TO NEW LIGHTING CONTROL PANEL.

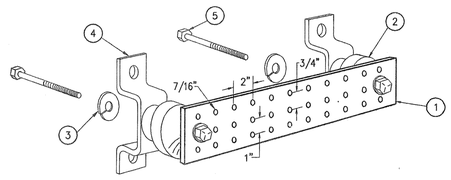
**1 LIGHTING CONTROL DIAGRAM**
SCALE: N.T.S.




## NOTES

1. REPLACE EXISTING SURFACE CONDITIONS IN KIND TO INCLUDE, BUT NOT LIMITED TO: CONCRETE, CRUSHED STONE, SELECT GRAVEL, ASPHALT, TOPSOIL AND GRASS.
2. PROVIDE MINIMUM 3" SAND ENCASEMENT ON ALL SIDES.

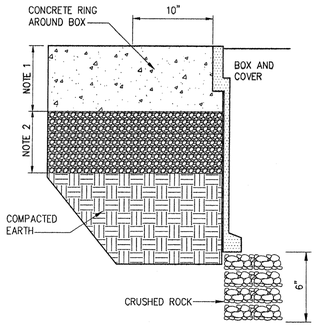
**2 UNDERGROUND CONDUITS**
SCALE: N.T.S.

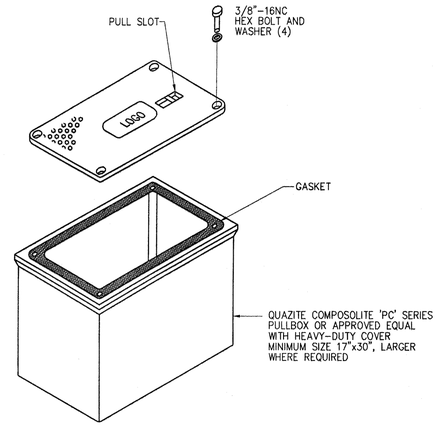



LEGEND

1. COPPER GROUND BAR, 1/4"x 4"x 20", NEWTON INSTRUMENT CO. CAT. NO. B-6142. HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION
2. INSULATORS, NEWTON INSTRUMENT CAT. NO. 3061-4
3. 5/8" LOCKWASHERS, NEWTON INSTRUMENT CO. CAT. NO. 3015-8
4. WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO. CAT NO. A-6056
5. 5/8-11 x 1" H.H.C.S.BOLTS, NEWTON INSTRUMENT CO. CAT NO. 3012-1

**4 GROUND BAR**
SCALE: N.T.S.




## NOTES

1. CONCRETE SIDEWALK OR BRICK PAVERS PROVIDED BY GENERAL CONTRACTOR.
2. GRAVEL SUBBASE PROVIDED BY GENERAL CONTRACTOR.

**3 HANDHOLE**
SCALE: N.T.S.

0 INCHES 1 2
1912 Z-27 TOWN OF BETHLEHEM

| Revisions: | Drawn By: | App'd. By: | Date: |
|---|---|---|---|
| | | | |

STATE OF NEW YORK — RAYMOND L. RUDDOCK — LICENSED PROFESSIONAL ENGINEER — No. 063316

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| Designed By: RJP | Date: 7/03 |
| Drawn By: KHO | Date: 7/03 |
| Checked By: SLN | Date: 7/03 |

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TOWN OF BETHLEHEM
PARKS & RECREATION DEPARTMENT
261 ELM AVENUE
DELMAR, NEW YORK 12054
(518) 439-4131

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ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS
III WINNERS CIRCLE - ALBANY, NEW YORK - 12205
P.O. BOX 5269 518-453-4500
www.cloughharbour.com
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ELM AVENUE PARK POOL COMPLEX FACILITY UPGRADE

DIAGRAM AND DETAILS

SCALE: AS SHOWN | DATE: JULY 2, 2003

Drawing No. **E-4**

SHEET 11 OF 13

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