



- NOTES:**
1. ALL INTERNAL CONTROLLER WIRING SHALL USE NO. 10 AWG MTW UNLESS OTHERWISE INDICATED.
  2. NEUTRAL BUS CONNECTOR SCREWS PAINTED WHITE.
  3. GROUND BUS CONNECTOR SCREWS PAINTED GREEN.
  4. CIRCUIT BREAKER PANEL SHALL BE SIZED FOR 24 SINGLE POLE BREAKERS.

**SCHEDULE OF DEVICES**

1. MAIN BREAKER 2P, 100A
2. CONTACTOR 2P, 100A, 120V
3. BRANCH BREAKERS, 2P, 30A, 240V
4. CONTROL BREAKER 1P, 20A, 120V
5. CONTROL RELAY 20A, 120V, ON-DELAY
6. H-O-A SWITCH, 120V
7. LIGHT SWITCH
8. LIGHT FIXTURE
9. DUPLEX RECEPTACLE, 20A, GFCI
10. TERMINAL BLOCK
11. THERMOSTAT
12. HEATER STRIP, 150W
13. SURGE SUPPRESSOR
14. TERMINAL BLOCK
15. NEUTRAL BUS
16. GROUND BUS
17. CECHA APPROVED METER HOUSING. CONTRACTOR SHALL COORDINATE WITH COMED FOR PROPER LOCATION AND SIZING.

**LIGHTING CONTROLLER SPECIAL WIRING DIAGRAM**  
NOT TO SCALE

DATE: 7/1/2008  
FILENAME: R:\PROJECTS\101208\101208.dwg

REVISIONS	
NAME	DATE

**Clorba Group, Inc.**  
CONSULTING ENGINEERS  
5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656  
Tel: 773.775.4009 Fax: 773.775.4014 Email: chicago@clorba.com

CITY OF NORTH CHICAGO  
MARTIN LUTHER KING JR. DRIVE IMPROVEMENTS  
MARTIN LUTHER KING JR. DRIVE  
LIGHTING IMPROVEMENTS  
LIGHTING DETAILS

SCALE: NTS  
DATE: APRIL, 2008  
DRAWN BY: KDM  
CHECKED BY: JMV