

GENERAL NOTES

1. ALL SITE LIGHTING CIRCUITS ON THIS SHEET SHALL BE CONNECTED WITH 288, #10G, 1" C, UNLESS OTHERWISE NOTED.

NOTES BY SYMBOL "6"

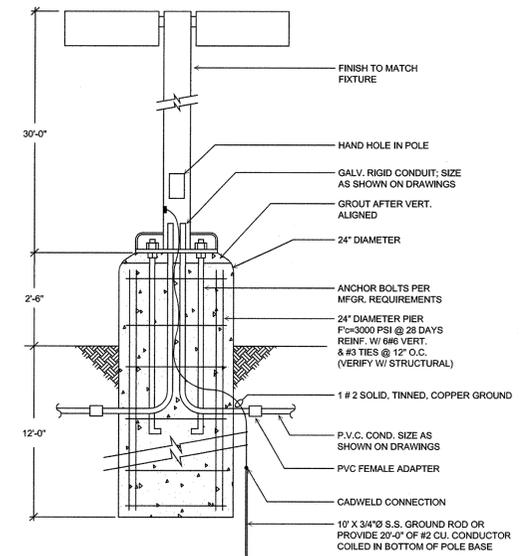
① PROVIDE (1) #3/0 TINNED, SOLID COPPER COUNTERPOISE AROUND BUILDING FOR BASIS OF GROUNDING SYSTEM. PROVIDE (3) IN-LINE GROUND RODS AT EACH CORNER OF THE BUILDING AS SHOWN. GROUND RODS SHALL BE PLACED 20'-0" APART AND CADWELDED TO THE COUNTERPOISE. PROVIDE (1) #3/0 WHP CADWELDED TO BUILDING STEEL AT EACH DOWN CONDUCTOR SHOWN. PROVIDE (1) GROUNDING WELL ON EACH DOWN CONDUCTOR AS SHOWN.

② PROVIDE (1) 24"x24"x12" DEEP TRAFFIC RATED GROUND BOX WITH LOCKING COVER FOR DATA CABLING TO SECURITY GATE AREA. CONTRACTOR SHALL PROVIDE (4) 2" CONDUITS WITH NYLON PULL-STRINGS FROM BOX TO LOWER LEVEL EXISTING SECURITY ROOM #0006. CONDUITS SHALL ENTER ROOM OVERHEAD. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SECURITY DRAWINGS. CONTRACTOR SHALL PROVIDE ALL CONDUIT FROM GROUND BOX TO SECURITY EQUIPMENT IN THIS AREA. REFERENCE SECURITY DRAWINGS FOR CONDUIT QUANTITIES, SIZES AND ROUTING.

③ PROVIDE NEMA 3R RATED SQUARE D MINI POWER-ZONE TRANSFORMER TYPE MP21STZF OR EQUIVALENT WITH (8) SECONDARY 120V, SINGLE-PHASE CIRCUIT BREAKERS. MOUNT TRANSFORMER SECURELY 54" A.F.G. ON STEEL UNISTRUT FRAME. PROVIDE (3) #6, #10G, 1" C FROM CIRCUITS 25,27,29 AND 28,28,30 ON EXISTING SECURITY PANEL TO TRANSFORMER. PROVIDE TWO NEW 3-POLE 40-AMP CIRCUIT BREAKERS AT THOSE CIRCUITS IN EXISTING SECURITY PANEL. PROVIDE (2) #12, #12G, 3/4" C FROM CIRCUIT BREAKERS TO (2) SECURITY GATE ARMS AND (2) TIRE BITERS IN THIS AREA. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT, WIRING AND TERMINATIONS WITH GENERAL CONTRACTOR'S OVERALL CONSTRUCTION SCHEDULE. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND REQUIREMENTS OF SECURITY EQUIPMENT WITH SECURITY DRAWINGS.

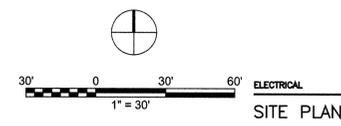
④ RE-CREATE VIBRATION DAMPERS TO EXISTING CIRCUIT L-10,12.

⑤ CONNECT NEW FIXTURE TO EXISTING CIRCUIT L-10,12.



NOTE: PROVIDE VIBRATION DAMPERS FOR EACH POLE.

01 POLE MOUNTED LIGHT FIXTURE DETAIL
NOT TO SCALE



ELECTRICAL
SITE PLAN

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Texas BPE Registration # F-207 Exp. Date 6/30/09

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CONSULTANT



PROJECT TITLE
COLLIN COUNTY
COURTHOUSE
ADDITION

PROJECT NUMBER
590.0800.00
PROJECT LOCATION
2100 BLOOMDALE ROAD
MCKINNEY, TX 75071

DATE OF ISSUE
AUGUST 7 2009
CONSTRUCTION DOCUMENTS
REVISIONS

- ▲ ADDENDUM #1 07/21/2009
- ▲ ADDENDUM #2 08/07/2009

Pierce Goodwin Alexander & Unifield

REGISTRATION
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SHEET TITLE
ELECTRICAL -
SITE PLAN

SHEET NUMBER
E1.00

Attachment A