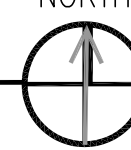


**SITE - ELECTRICAL PLAN**

SCALE: 1" = 30'-0"



PLAN NORTH



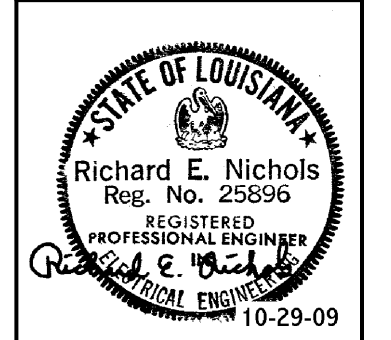
**SPECIFIC NOTES:**

- 1 PROVIDE NEW PAD MOUNTED TRANSFORMER. SEE SHEET E9 FOR SIZE.
- 2 ROUTE HIGH VOLTAGE FEEDER FROM PRIMARY SIDE COMPARTMENT OF TRANSFORMER UNDERGROUND TO EXISTING OR NEW SF6 SWITCH PROVIDED BY UNDER ANOTHER PROJECT. CONDUITS SHALL BE ROUTED AT LEAST 36" BELOW GRADE. COORDINATE WITH OWNER FOR EXACT LOCATION OF SF6 SWITCH. SEE ELECTRICAL RISER DIAGRAM FOR FEEDER SIZE.
- 3 EXISTING OR NEW SF6 HIGH VOLTAGE SWITCH PROVIDED BY OTHERS.
- 4 ROUTE 2#10, 1#10 GND IN 1" SCHEDULE 40 PVC CONDUIT 24" BELOW GRADE FROM POLE BACK TO LIGHTING CONTROL PANEL. SEE LIGHTING CONTROL PANEL DETAIL 1 ON SHEET E7.0.
- 5 ROUTE FEEDER FROM PAD MOUNTED TRANSFORMER UNDERGROUND TO PANEL MDP. ROUTE CONDUIT AT LEAST 24" BELOW GRADE. SEE ELECTRICAL RISER DIAGRAM ON SHEET E9 FOR FEEDER SIZE.
- 6 ROUTE A 200 PAIR COPPER CAT 3 TELEPHONE CABLE IN 4" CONDUIT AND A 12 STRAND SINGLE MODE FIBER OPTIC CABLE IN A 1" INNER DUCT IN A 4" CONDUIT FROM NMCI ROOM 110A TO NEW OR EXISTING TELECOMMUNICATION PEDESTAL. CONDUITS SHALL BE SCHEDULE 40 PVC CONDUITS. THEY SHALL BE ROUTED AT LEAST 24" BELOW GRADE. COORDINATE WITH OWNER FOR EXACT LOCATION OF TELECOMMUNICATIONS PEDESTAL.
- 7 ROUTE A IN 2" PVC SCHEDULE 40 CONDUIT FOR CATV FROM NMCI ROOM 110A LOCATION SHOWN. CONDUIT SHALL BE ROUTED AT LEAST 24" BELOW GRADE AND BE PROVIDED WITH A PULLSTRING. COORDINATE WITH PLAQUEMINES CABLEVISION FOR EXACT LOCATION OF STUB-OUT POINT.

**BROADMOOR**  
**BUILDING by DESIGN**  
 BROADMOOR, L.L.C.  
 2740 North Arnault Road  
 Metairie, Louisiana 70002  
 www.broadmoordllc.com

REV.	DESCRIPTION	DATE		APPROVAL
		T.N.	P.S.	
0	FINAL DESIGN			

MS JRB New Orleans  
 Belle Chasse, Louisiana  
**NAVAIRSEFAC CALIBRATION BLDG.**  
**ELECTRICAL SITE PLAN**  
 DATE: AUGUST 14, 2008  
 ED FOR COMMANDER, NAVFAC



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**CONSULTING ENGINEERS**  
 INC.  
 3120 20th STREET  
 METAIRIE, LOUISIANA 70002

**FINAL DESIGN**  
 Oct 29, 2009

**Nelson** WALDEMAR S. NELSON AND COMPANY  
 INCORPORATED  
 ENGINEERS AND ARCHITECTS  
 1200 ST. CHARLES AVE NEW ORLEANS, LA.

RECORD DRAWING DATE  
 XX-XXX-20XX  
 CODE I.D. NO.  
 DRAWING SIZE: **D**  
 SPEC. NO. 06-  
 CONSTR. CONTR. NO.  
**N62467**  
 NAVFAC DRAWING NO.  
 15030962  
 SHEET OF  
**E-2.0**