ELECTRICAL EQUIPMENT SCHEDULE

ELECT. SYMBOL	NAMEPLATE	DESCRIPTION	CATALOG NO.
1		6" WIDE POLYETHYLENE PLASTIC UNDERGROUND UTILITY IDENTIFYING TAPE. BRIGHT RED WITH THE FOLLOWING PRINTED IN 1" PERMANENT BLACK LETTERS ON CONTINUOUS 3 LINES: CAUTION CAUTION ELECTRIC BURIED LINE BELOW	GRIFFOLYN COMPANY
2		FUSE HOLDER, RATED 600 VOLT, 30A, INLINE WITH KTK FUSE.	TRON CAT #HEB
3		FUSE HOLDER, RATED 600 VOLTS, 30A IN-LINE W/5A KTK FUSE	SQ "D" H362NRB BUSSMAN KTS-R 30A
4		GELCAP SPLICE KIT	RAYCHEM GELCAP-SL-2/0-3 HOLE
5	AS SHOWN ON PLANS	NAMETAG, PRESSURE SENSITIVE, BLACK NUMBER ON YELLOW BACKGROUND, REFLECTIVE, 11/4" NUMBER 11/2" x 1" WIDE.	ALMETEK
6	SWITCH "A" SWITCH "B" SWITCH "C" SWITCH "D"	60A 3 POLE 480V FUSED, HEAVY DUTY SAFETY SWITCH NEMA 3R WITH CLASS R FUSE KIT AND 30A FAST-ACTING CLASS R FUSES.	SQ "D" H362NRB BUSSMAN KTS-R 30A
7	SWITCH "A" SWITCH "B"	30 AMP, 3-POLE, 480V, FUSED SAFETY SWITCH, HEAVY DUTY, NEMA 3R, 30 AMP BUSS DUAL ELEMENT FUSES.	SQ "D" H361RB
8			
9	PARKING LOT LIGHTING	FLUSH MOUNTED OUTDOOR JUNCTION BOX, 20 1/2" x 13 1/2 " X 18", OPEN BOTTOM. COVER - HEAVY DUTY, RAINTIGHT, LOCKING (ST. STEEL PENTA-HEAD BOLTS), COVER LOGO "STREET LIGHTING".	QUAZITE #PC1118BA18 (BOX) #PC1118HA00 (COVER)
10	PARKING LOT LIGHTING	FLUSH MOUNTED OUTDOOR JUNCTION BOX, 14" X 14" X 13 1/4" D. COVER-HEAVY DUTY, RAIN TIGHT, LOCKING, (ST. STEEL PENTA HEAD BOLTS), COVER LOGO "STREET LIGHTING"	QUAZITE PC1212BG2 COVER PC1212SG00
11		OUTDOOR COMBINATION LIGHTING CONTACTOR/DISCONNECT/ OVER CURRENT PROTECTION. ACCESSORIES TO INCLUDE NEUTRAL BAR, PHOTOCELL & KEYED HOA SWITCH W/60A CLASS R FAST-ACTING FUSES (COIL VOLTAGE=480V) (CLASS R FUSE KIT REQUIRED)	SQ "D" 8903SPC61V04 CG101K142N BUSSMAN KTS-R 60A
12		OUTDOOR COMBINATION LIGHTING CONTACTOR/DISCONNECT/ OVER CURRENT PROTECTION. ACCESSORIES TO INCLUDE NEUTRAL BAR, PHOTOCELL & KEYED HOA SWITCH W/30A MAX. FUSE SIZE 30A CLASS R FAST-ACTING FUSES (COIL VOLTAGE=480V) (CLASS R FUSE KIT REQUIRED)	SQ "D" 8903 SMC6V04 CC33 G101K142N BUSSMAN KTS-R-30
13		OUTDOOR COMBINATION LIGHTING CONTACTOR/DISCONNECT/ OVER CURRENT PROTECTION. ACCESSORIES TO INCLUDE NEUTRAL BAR, PHOTOCELL & KEYED HOA SWITCH W/30A MAX. & OPERATING AT 208V. FUSE SIZE 20A CLASS R FAST-ACTING FUSES (COIL VOLTAGE=480V) (CLASS R FUSE KIT REQUIRED)	SQ "D" 8903 SM C6V08 CC33 G101K142N BUSSMAN KTS-R 20A
14			
15			
16			
17		STEEL TRANSFORMER BASE, DARK BRONZE POLYESTER POWDER COAT, COLOR TO MATCH FIXTURE & POLE.	VALMONT MODEL NO. M211-FPDB
18		25' ROUND TAPERED STEEL POLE, 11GAUGE STEEL, DARK BRONZE POLYESTER POWDER COAT. SHALL COMPLY WITH SANDIA STD. SPEC. SECT. 16525 "EXTERIOR LIGHTING UNITS", POLE SHALL INCLUDE FULL STEEL BASE COVER. COLOR TO MATCH FIXTURE & TRANSFORMER BASE. W/ ANTI-VIBRATION WELD	VALMONT DS210-590A250-PL -FSBC-SRH-HH-GL-DMI-SPWD-DB
19		30' ROUND TAPERED STEEL POLE, 11GAUGE STEEL, DARK BRONZE POLYESTER POWDER COAT. SHALL COMPLY WITH SANDIA STD. SPEC. SECT. 16525 "EXTERIOR LIGHTING UNITS", POLE SHALL INCLUDE FULL STEEL BASE COVER. COLOR TO MATCH FIXTURE & TRANSFORMER BASE. W/ ANTI-VIBRATION WELD	VALMONT DS210-660A300-PL -FSBC-SRH-HH-GL-DMI SPWD-DB
20		35' ROUND TAPERED STEEL POLE, 11GAUGE STEEL, DARK BRONZE POLYESTER POWDER COAT. SHALL COMPLY WITH SANDIA STD. SPEC. SECT. 16525 "EXTERIOR LIGHTING UNITS", POLE SHALL INCLUDE FULL STEEL BASE COVER. COLOR TO MATCH FIXTURE & TRANSFORMER BASE. W/ ANTI-VIBRATION WELD	VALMONT DS210-730A350-PL -FSBC-SRH-HH-GL-DMI -SPWLD-DB
21			
22		250 W HPS FIXTURE, FORMED ALUMINUM WITH STAMPED REVEAL TEMPERED GLASS LENS. SPUN & STAMPED ALUMINUM REFLECTOR. FORMED DOOR WITH HEAVY-DUTY HINGES MULTI-TAP BALLAST VERTICAL LAMP-TYPE V DIST.	MCGRAW-EDISON GLA 25229AR MA1009-BZ
23 (1)		400 W HPS FIXTURE, FORMED ALUMINUM WITH STAMPED REVEAL TEMPERED GLASS LENS. SPUN & STAMPED ALUMINUM REFLECTOR. FORMED DOOR WITH HEAVY-DUTY HINGES MULTI-TAP BALLAST VERTICAL LAMP-TYPE V DIST. FUSED AT 5 AMP.	MCGRAW-EDISON GMA 40229AR-MA1009-BZ
24		1000 W HPS FIXTURE, FORMED ALUMINUM WITH STAMPED REVEAL TEMPERED GLASS LENS. SPUN & STAMPED ALUMINUM REFLECTOR. FORMED DOOR WITH HEAVY-DUTY HINGES MULTI-TAP BALLAST VERTICAL LAMP-TYPE V DIST. FUSED AT 10 AMP.	MCGRAW-EDISON GLA 91229AR-MA1009-BZ -SPWL-MB
25		400W HPS FIXTURE DIECAST AL HOUSING TEMP GLASS LENS, REMOVAL DOOR, TYPE 3 DIST., FUSED, 480V.	LUMARK-HPHR-R3-400-480-OA1063-F2-D13

GENERAL NOTES

1. EQUIPMENT LIST IS FOR DWG SERIES WJ5001STD.
2. SEE STANDARD SPEC. #16521 EXTERIOR LIGHTING UNITS.

KEYED NOTES

(1) FOR SECURITY FENCE LIGHTING, USE FIXTURE 25 .

REV	DATE	DESCRIPTION	DWN	CKD	APP
1	1/15/03	UPDATE	ELG	FL	
0	6/15/01	UDS MODS	ELG	FL	

P.O.
PROJECT NO.

U.S. DEPARTMENT OF ENERGY
KIRTLAND AREA OFFICE — ALBUQUERQUE, NEW MEXICO

SANDIA NATIONAL LABORATORIES

EXTERIOR LIGHTING EQUIPMENT SCHEDULE

P.O.
PROJECT NO.
DRAWN BY: YMA
CHECKED BY
SNL ENGR: RR
DATE: 1/27/2000

CIVIL WORKS LIGHTING — STANDARD

SIZE: D+ — DRAWING NO: WJ6001STD — SEQ. 01

MICROSTATION FILE
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REFERENCE FILES: border3.dgn

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