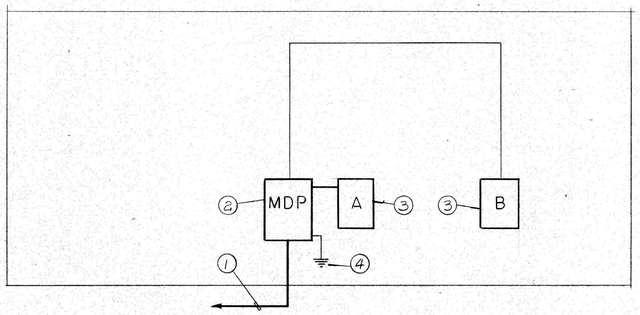

POWER RISER DIAGRAM

NO TO SCALE

RISER SCHEDULE

ITEM	DESCRIPTION
1	120/208V-3Ø-4W UNDERGROUND INCOMING ELECTRICAL SERVICE.
2	600 AMPS-120/208V-3Ø-4W MAIN DISTRIBUTION PANEL
3	225 AMPS 120/208V-3Ø-4W ELECTRICAL PANEL.
4	GROUND AS PER CODE

KEY NOTES

1. EXHAUST FAN "A"
1/4 HP 120V 1Ø
2. EXHAUST FAN "B"
1-1/2 HP 208V 3Ø
3. FURNACE
FAN: 1 HP 120V 1Ø
BURNER: 1/7 HP 120V 1Ø
4. CONDENSING UNIT:
COMPRESSOR: 14.7 FLA 208V-3Ø
COND. FAN: 2 FLA 208V 3Ø
5. UNIT HEATER
BURNER: 1/7 HP 120V 1Ø
FAN: 1/8 HP 120V 1Ø
WITH BUILT-IN DISCONNECT MEANS
6. ELECTRIC WATER HEATER
4.5 KW 208V 1Ø
7. OIL PUMP
1/3 HP 120V 1Ø
8. 3P 30-AMP DISCONNECT SWITCH
9. 1P + S/N 30-AMP DISCONNECT SWITCH

SYMBOLS

- FLUORESCENT LIGHTING FIXTURE
- HID LIGHTING FIXTURE
- NITE LITE
- EXIT LITE
- S — SINGLE POLE TOGGLE SWITCH UP 4'-6" AFF
- S_3 — THREE-WAY SWITCH UP 4'-6" AFF
- S_K — KEY SWITCH UP 4'-6" AFF
- S_T — MOTOR RATED SWITCH W/THERMAL ELEMENT
- DUPLEX RECEPTACLE 125V-20 AMPS UP 18" AFF
- DUPLEX RECEPTACLE 125V-20 AMPS UP 42"AFF
- DOUBLE DUPLEX RECEPTACLE 125V-20 AMPS UP 78" AFF
- TELEPHONE OUTLET UP 18" AFF
- J — JUNCTION BOX-SIZE AS REQUIRED.
- DISCONNECT SWITCH-SIZE AS NOTED.
- (H) — UNIT HEATER
- (F) — EXHAUST FAN
- (M) — MOTOR CONNECTION
- (1) — KEY NOTES
- —T— PROVIDE 3/4" E.C. FROM EACJ TELEPHONE OUTLET TO TELEPHONE EQUIPMENT
- ---- BRANCH CONDUIT CONCEALED IN FLOOR OR WALL
- —— BRANCH CIRCUIT CONCEALED IN CEILING OR WALL
- HOMERUN TO PANELBOARD ARROWHEAD DENOTES NO. OF CIRCUITS, CROSSMARKS DENOTE NUMBER OF WIRES WHEN MORE THAN TWO
- PUSH BUTTON UP 4'-6" AFF
- WP — WEATHERPROOF
- AFF — ABOVE FINISHED FLOOR
- EWC — ELECTRIC WATER COOLER

OUTLINE SPEC.

ELECTRICAL
A. LIGHTING SYSTEM (INTERIOR).
1. STORAGE: HIGH PRESSURE SODIUM LIGHTING FIXTURE-PENDANT MOUNTED.
2. OFFICE: RECESSED FLUORESCENT LIGHTING FIXTURE.
3. TOILET: SURFACE MOUNTED FLUORESCENT LIGHTING FIXTURE.
B. LIGHTING SYSTEM (EXTERIOR)
1. PARKING: POLE MOUNTED LIGHTING FIXTURES WITH HIGH PRESSURE LAMP.
2. LOADING DOCK: WALL MOUNTED LIGHTING FIXTURE WITH HIGH PRESSURE SODIUM LAMP.
C. POWER: 120/208V-3Ø-4W PANELBOARD EQUIPPED WITH THERMAL-MAGNETIC TYPE CIRCUIT BREAKER, QUICK-MAKE, QUICK-BREAK MECHANISM FOR MANUAL AND AUTOMATIC OPERATION.

DESIGNED
DRAWN
CHECKED

CERTIFICATION

REVISION	DATE	DESCRIPTION	BY	APP.

PROJECT DRAWINGS

DRAWING NO.

RELOCATION OF COMMISSARY
LORTON, VIRGINIA

CHIEF BUREAU OF BUILDING CONSTRUCTION SERVICES
DATE _____

REGISTRATION NO.
DATE _____

ARCHITECT
DATE _____

deupi and associates
ARCHITECTS · SPACE PLANNERS · INTERIOR DESIGNERS
1101 17th street,n.w.,washington,d.c. 20036 telephone(202) 872-8020

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF PUBLIC WORKS

PROJECT NO C-17
DATE
SHEET OF
E-2

Bobes, Lorente and Associates, Inc.
Consulting Engineers (301) 230-2682
5020 Nicholson Court Suite 208
KENSINGTON, MARYLAND 20895

1"-10' 1"-20' 1"-30' 1"-40' 1"-50' 1"-100' 1"-200' 1"-400' 3"-1' 1 1/2"-1' 1"-1' 3/4"-1' 1/2"-1' 3/8"-1' 1/4"-1' 3/16"-1' 1/8"-1' 1/16"-1' 1/32"-1'