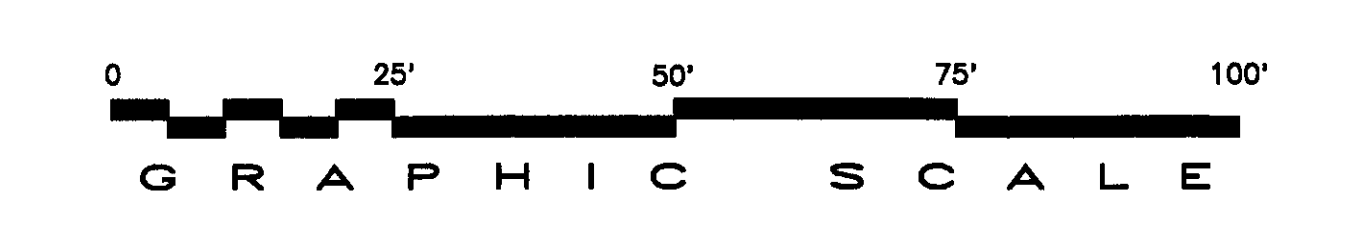


LEGEND	
SYMBOL	DESCRIPTION
□	LIGHTNING AIR TERMINAL
---	LIGHTNING PROTECTION CABLE

- NOTES:**
- ROOF CONDUCTORS SHALL RUN EXPOSED ON ROOF SURFACE AND SHALL BE SUPPORTED EVERY 3 FT. WITH CABLE SUPPORTS.
 - AIR TERMINAL BASES AND CABLE SUPPORTS OF ROOF CONDUCTORS SHALL BE PERFORATED ADHESIVE TYPE. ADHESIVE COMPOUND SHALL BE COMPATIBLE WITH ROOF METAL PANEL-FINISH AND SHALL BE RECOMMENDED BY THE MANUFACTURER OF THE LIGHTNING PROTECTION EQUIPMENT.
 - LEAVE SLACK IN ROOF CONDUCTORS FOR THERMAL EXPANSION AND CONTRACTION.
 - BOND ALL ROOF MOUNTED METAL EQUIPMENT TO THE LIGHTNING PROTECTION SYSTEM.
 - EXOTHERMIC WELD PROCESS SHALL BE USED FOR ALL GROUNDING CONNECTION BELOW FINISHED GRADE.
 - CABLE-TO-CABLE AND CABLE-TO-GROUND ROD CONNECTIONS SHALL BE COATED WITH ASPHALTIC PAINT A MINIMUM OF 6\"/>



FIELD VERIFIED TO CONFIDENCE LEVEL C PER ECN 1251, 8-30-96.
REFER TO THE PREVIOUS APPLICABLE REVISION FOR INCORPORATION.

BONDING CONDUCTOR #4/0 STRANDED BARE COPPER (TYP. FOR 10 PLACES)
GROUND ROD 1/2" x 3/4" DIA. THOMPSON #1L3410 (OR EQUAL) (TYP. FOR 10 PLACES)
DOWN CONDUCTOR #4/0 STRANDED BARE COPPER IN 1" PVC CONDUIT RUNNING EXPOSED (TYP. FOR 10 PLACES)
DOWN CONDUCTOR UNDERGROUND #4/0 STRANDED BARE COPPER (TYP. FOR 10 PLACES)
ROOF EQUIP. TW

ROOF PLAN

DWG NO	TITLE	REF NUMBER	TITLE
CADFILE	B131827A		

NO	DESCRIPTION	REV	BY	CHK	DATE	DATE	DATE	DATE	COMPANY
6	FV, CONFIDENCE LEVEL C REVISD PER ECN 708207	2/97	CBS						
5	REVISED PER ECN 193583	1/97	CBS	D.W.	D.W.	B.F.	PIERCE	RFSH	

DRAWN BY A. OSTWALD 4/7/93		U.S. DEPARTMENT OF ENERGY	
CHECKED D. CALBI 2/28/93		Richland Operations Office	
DPTD APD E. KOPYLOV 4/25/93		RUST FEDERAL SERVICES OF HANFORD, INC.	
DOD ENDR G. CHAMBERS 4/25/93		WRAP MODULE 1	
APD R. BASU 2/28/93		LIGHTNING PROTECTION PLAN	
APD M. WOLTERS 2/28/93			
APD G. FAUST 3/4/93			
SIZE	8.50 NO	INDEX NO	DWG NO
F	2336-W	0800	H-2-131827 6
SCALE	1/16"=1'-0"	702985	SHEET 1 OF 1

DWG NO H-2-131827

TITLE DWG (10-84)