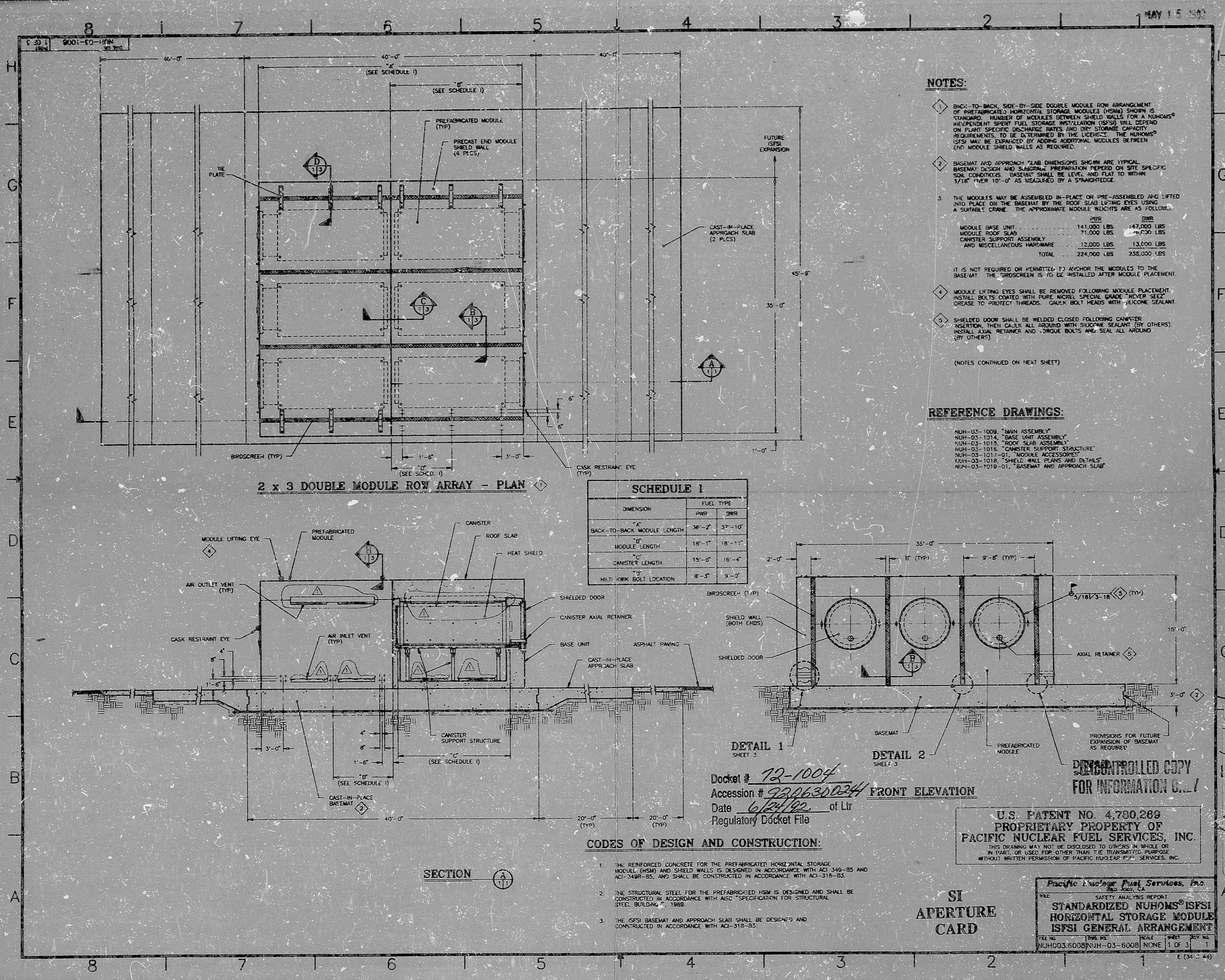




NOTES:

- 1. BACK-TO-BACK, SIDE-BY-SIDE DOUBLE MODULE ROW ARRANGEMENT OF PREFABRICATED HORIZONTAL STORAGE MODULES (HSM) SHOWN IS STANDARD. NUMBER OF MODULES BETWEEN SHIELD WALLS FOR A NUHOMS® ISFSI WILL DEPEND ON PLANT SPECIFIC DISCHARGE RATES AND DRY STORAGE CAPACITY REQUIREMENTS, TO BE DETERMINED BY THE LICENSEE. THE NUHOMS® ISFSI MAY BE EXPANDED BY ADDING ADDITIONAL MODULES BETWEEN END MODULE SHIELD WALLS AS REQUIRED.
- 2. BASEMAT AND APPROACH SLAB DIMENSIONS SHOWN ARE TYPICAL. BASEMAT DESIGN AND SLOPE PREPARATION DEPEND ON SITE SPECIFIC SOIL CONDITIONS. BASEMAT SHALL BE LEVEL AND FLAT TO WITHIN 1/16" OVER 10'-0" AS MEASURED BY A STRAIGHTEDGE.
- 3. THE MODULES MAY BE ASSEMBLED IN-PLACE OR PRE-ASSEMBLED AND LIFTED INTO PLACE ON THE BASEMAT BY THE ROOF SLAB LIFTING EYES USING A SUITABLE CRANE. THE APPROXIMATE MODULE WEIGHTS ARE AS FOLLOWS:

	PWR	SWR
MODULE BASE UNIT	141,000 LBS	147,000 LBS
MODULE ROOF SLAB	71,000 LBS	76,000 LBS
CANISTER SUPPORT ASSEMBLY AND MISCELLANEOUS HARDWARE	12,000 LBS	13,000 LBS
TOTAL	224,000 LBS	236,000 LBS
- 4. IF IT IS NOT REQUIRED OR PERMITTED TO ANCHOR THE MODULES TO THE BASEMAT, THE BIRDSCREEN IS TO BE INSTALLED AFTER MODULE PLACEMENT.
- 5. MODULE LIFTING EYES SHALL BE REMOVED FOLLOWING MODULE PLACEMENT. INSTALL BOLTS COATED WITH PURE NICKEL SPECIAL GRADE NEVER SEIZ GREASE TO PROTECT THREADS. CAULK BOLT HEADS WITH SILICONE SEALANT (BY OTHERS).
- 6. SHIELDED DOOR SHALL BE WELDED CLOSED FOLLOWING CANISTER INSERTION, THEN CAULK ALL AROUND WITH SILICONE SEALANT (BY OTHERS). INSTALL AXIAL RETAINER AND TORQUE BOLTS AND SEAL ALL AROUND (BY OTHERS).

REFERENCE DRAWINGS:

- NUH-03-1009, "MAIN ASSEMBLY"
- NUH-03-1014, "BASE UNIT ASSEMBLY"
- NUH-03-1015, "ROOF SLAB ASSEMBLY"
- NUH-03-1016, "CANISTER SUPPORT STRUCTURE"
- NUH-03-1017-01, "MODULE ACCESSORIES"
- NUH-03-1018, "SHIELD WALL PLANS AND DETAILS"
- NUH-03-1019-01, "BASEMAT AND APPROACH SLAB"

SCHEDULE 1		
DIMENSION	FUEL TYPE	
	PWR	SWR
"A" BACK-TO-BACK MODULE LENGTH	36'-2"	37'-10"
"B" MODULE LENGTH	18'-1"	18'-1"
"C" CANISTER LENGTH	15'-5"	16'-4"
"D" HLT: KWIK BOLT LOCATION	8'-5"	9'-0"

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Pacific Nuclear Fuel Services, Inc.			
SAFETY ANALYSIS REPORT			
STANDARDIZED NUHOMS® ISFSI			
HORIZONTAL STORAGE MODULE			
ISFSI GENERAL ARRANGEMENT			
FILE NO.	DRWG. NO.	SCALE	SHEET NO.
NUH003.6008	NUH-03-6008	NONE	1 OF 3
E (34 : 44)			

CODES OF DESIGN AND CONSTRUCTION:

- 1. THE REINFORCED CONCRETE FOR THE PREFABRICATED HORIZONTAL STORAGE MODULE (HSM) AND SHIELD WALLS IS DESIGNED IN ACCORDANCE WITH ACI 349-85 AND ACI 348-85, AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 318-83.
- 2. THE STRUCTURAL STEEL FOR THE PREFABRICATED HSM IS DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDING", 1989.
- 3. THE ISFSI BASEMAT AND APPROACH SLAB SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH ACI 318-83.

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PDR RIDS

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