



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

P.O. BOX 5000 - CLEVELAND, OHIO 44101 - TELEPHONE (216) 622-9800 - ILLUMINATING BLDG. - 35 PUBLIC SQUARE

Serving The Best Location in the Nation

MURRAY R. EDELMAN

VICE PRESIDENT
NUCLEAR

November 12, 1985
PY-CEI/NRR-0381 L

Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Perry Nuclear Power Plant
Docket Nos. 50-440; 50-441
Control of Heavy Loads
Study Addendum

Dear Mr. Youngblood:

Enclosed are seven (7) copies of an Addendum to the Perry Nuclear Power Plant Control of Heavy Loads Study, Revision 2. This addendum adds the variable test weight which is used to calibrate the refueling platform interlocks. This test weight was added to the plant design after the Control of Heavy Loads Study was issued.

Please feel free to contact me if you have any questions.

Very truly yours,

Murray R. Edelman
Vice President
Nuclear Group

MRE:njc

cc: Jay Silberg, Esq.
John Stefano (2)
J. Grobe

8511180278 851112
PDR ADOCK 05000440
A PDR

Bo30
1/7

TO BE USED
IN CONJUNCTION
WITH DRAWING 021-009

LIFTING DEVICE: Reactor Building Crane

BUILDING: Reactor Building

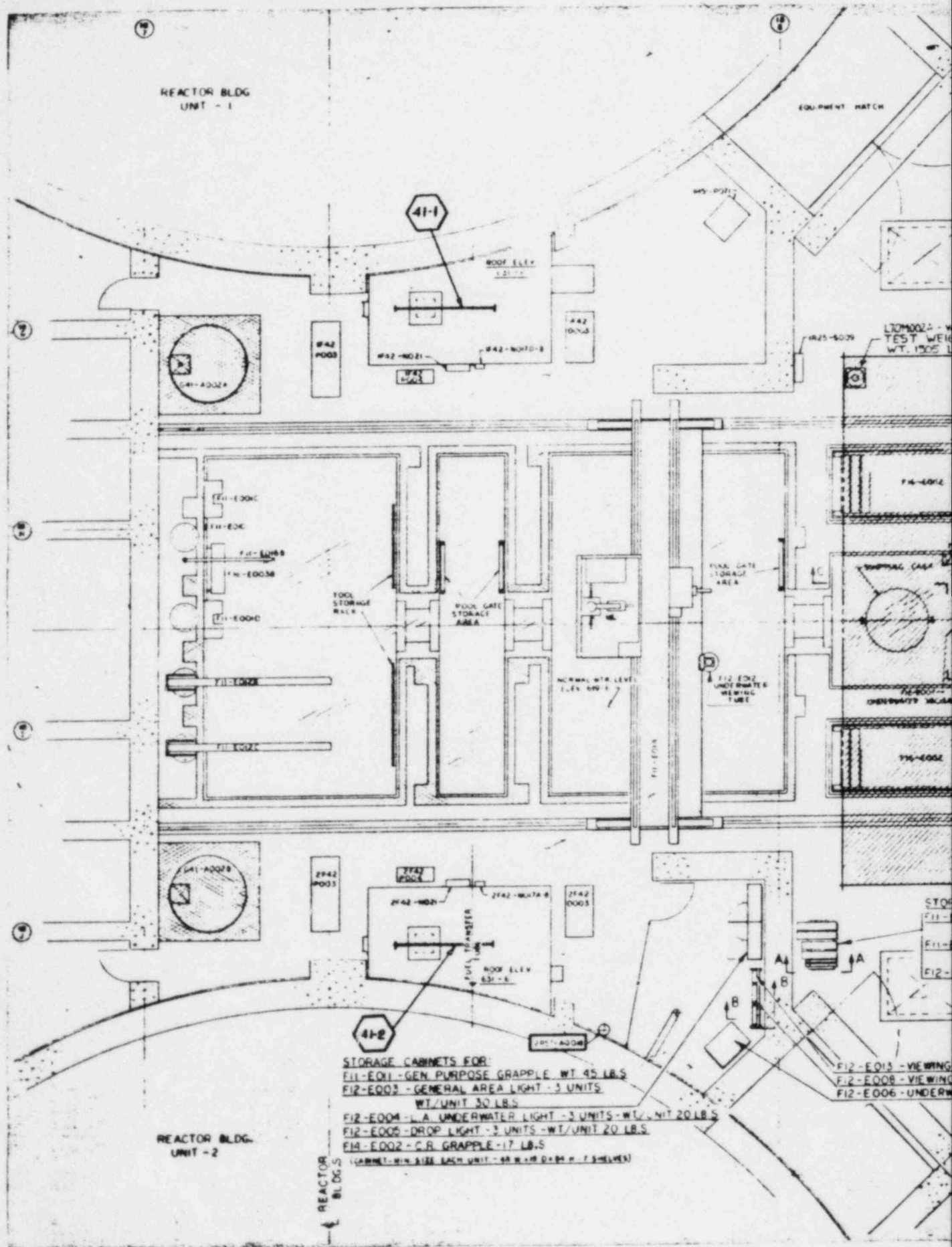
PERRY HEAVY LOADS STUDY

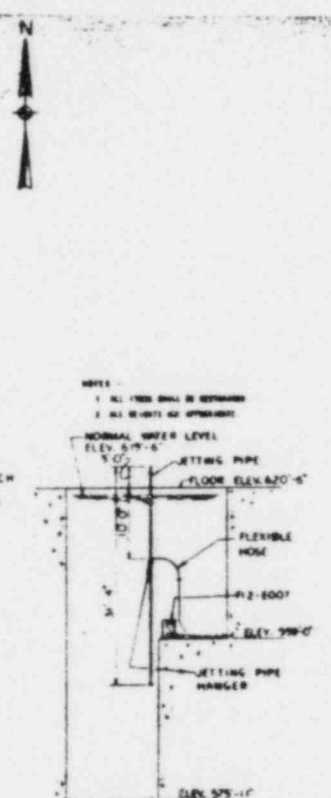
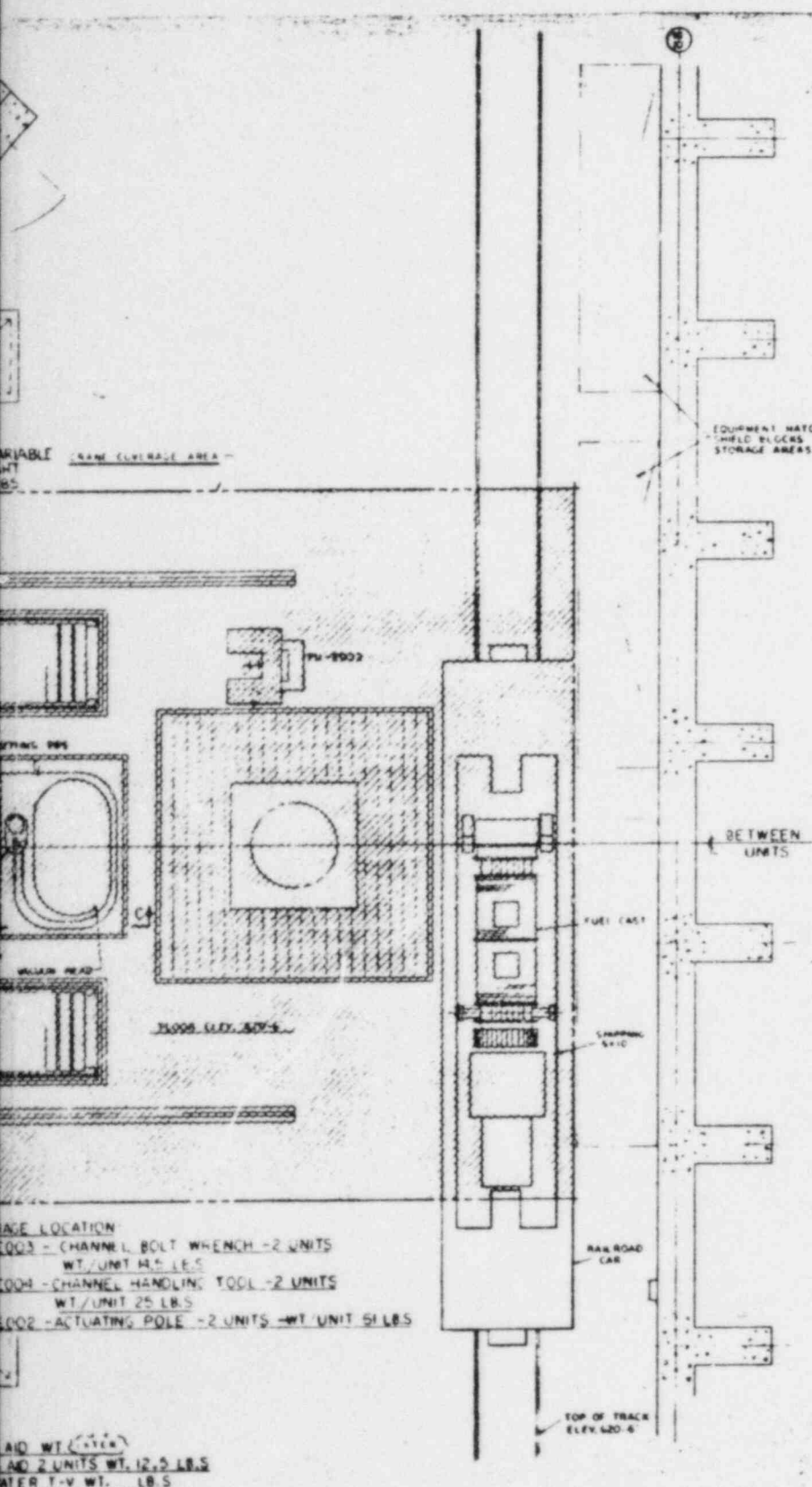
ELEVATION: 721'-0"

IMPACT AREA: COLUMN LINE (see Drawing 021-009)

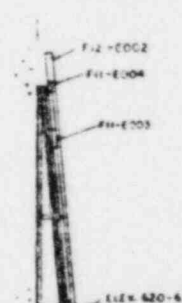
Load	Safety Related Equipment	Floor Elevation	Hazard Elimination Category	Remarks
10 & Variable Test 10A Weight 1,509 lbs.				1. Test Weight may require moving during any mode of operation.
	RHR (Loop B)	689'-6"	A	2. VTW is stored near header. If Loop B piping is damaged, Loop A can be used.
	Suppression Pool Make-up Piping - G43 (Loop B)	672'-0"	A	3. If Loop B piping is damaged, Loop A can be used.
	None	644'-7"	B	4. There is no safety-related equipment in the impact area at this elevation.
	RHR (Loop C) Piping - E12	617'-" to 630'-0"	A	5. If Loop C piping is damaged, Loop A or B can be used.
	None	599'-0"	B	6. There is no safe shutdown equipment in the impact area at this elevation.
	None	579'-0"	B	7. There is no safe shutdown equipment in the impact area at this elevation.

November, 1985





SECTION C-C



SECTION A-A

NOTE:
FOR LEGEND SEE
DRAWING C-021-004

TI APERTURE CARD

Also Available in
Aperture Car

B-021-010
November, 1985

PLAN ABOVE ELEVATION 620.6

8511180278-01

STORAGE CABINETS FOR:

- #12-EQ01-3-UTL MANIPULATOR-WT. 17 LBS.
- #12-EQ03-GENERAL AREA LIGHT-3 UNITS-WT./UNIT 30 LBS.
- #12-EQ04-1-A UNDERWATER LIGHT-3 UNITS-WT./UNIT 20 LBS.
- #12-EQ05-DROP LIGHT-3 UNITS-WT./UNIT 20 LBS.
- #14-EQ02-C.B. GRAPPLE-WT. 17 LBS.
- #14-EQ07-INSTR. HANDLG. TOOL-WT. 50 LBS.
- #14-EQ04-C.B. GUIDE TUBE GRAPPLE-WT. 35 LBS.
- #14-EQ07-PERIPHERAL FUEL SUPPORT PLUG-WT. 15 LBS.
- #11-EQ11-GEN PURPOSE GRAPPLE-WT. 45 LBS.
- #11-EQ19-IFTS INSERT GRAPPLE-WT. LBS.

CONTAMINATED
TOOL STORAGE
CABINET

STORAGE LOCATION:

- #14-EQ04
- FUEL BUNDLE SAMPLER
- WT. 920 LBS.

STORAGE LOCATION:

- #12-EQ02-ACTUATING
- #13-EQ03-SHROUD IN
- #14-EQ05-FUEL
- #14-EQ06-

#12-EQ09
LIGHT SUPPORT BRACKET
2 UNITS WT./UNIT 19 LBS.

#13-EQ01 SEAL SURFACE
PROTECTOR 4 SEGMENTS
WT./SEGMENT 775 LBS.

#13-EQ08 DRYER-SEPAR-
ATOR STRONGBACK
WT. 8 KIPS

#13-EQ02 STEAM LINE
PLUG & INSERTION TOOL
WT. 375 LBS.

#15-EQ05
AUX. PLTF. RAIL
WT. 2.8 KIPS

DRYWELL HEAD
FLANGE PROTECTOR
4 SEGMENTS
WT. 1.3 KIPS

#13-EQ02-STEAM
LINE PLUG-3 UNITS
WT./UNIT 300 LBS.

VESSEL HEAD
PRYING BUNDLE
WT. 1.3 KIPS

STORAGE CABINET FOR
#12-EQ01 POOL TOOL ACCESSORIES
ITEMS-2,3,4,5,7,8,9,10,14, & 15

E12
RHR

DISPOSAL BIN

PERSONNEL LOCK

#12-EQ13
VIEWING AND
WT. 1.4 KIPS

#12-EQ08
VIEWING AND
2 UNITS
WT. 12.5 LBS.

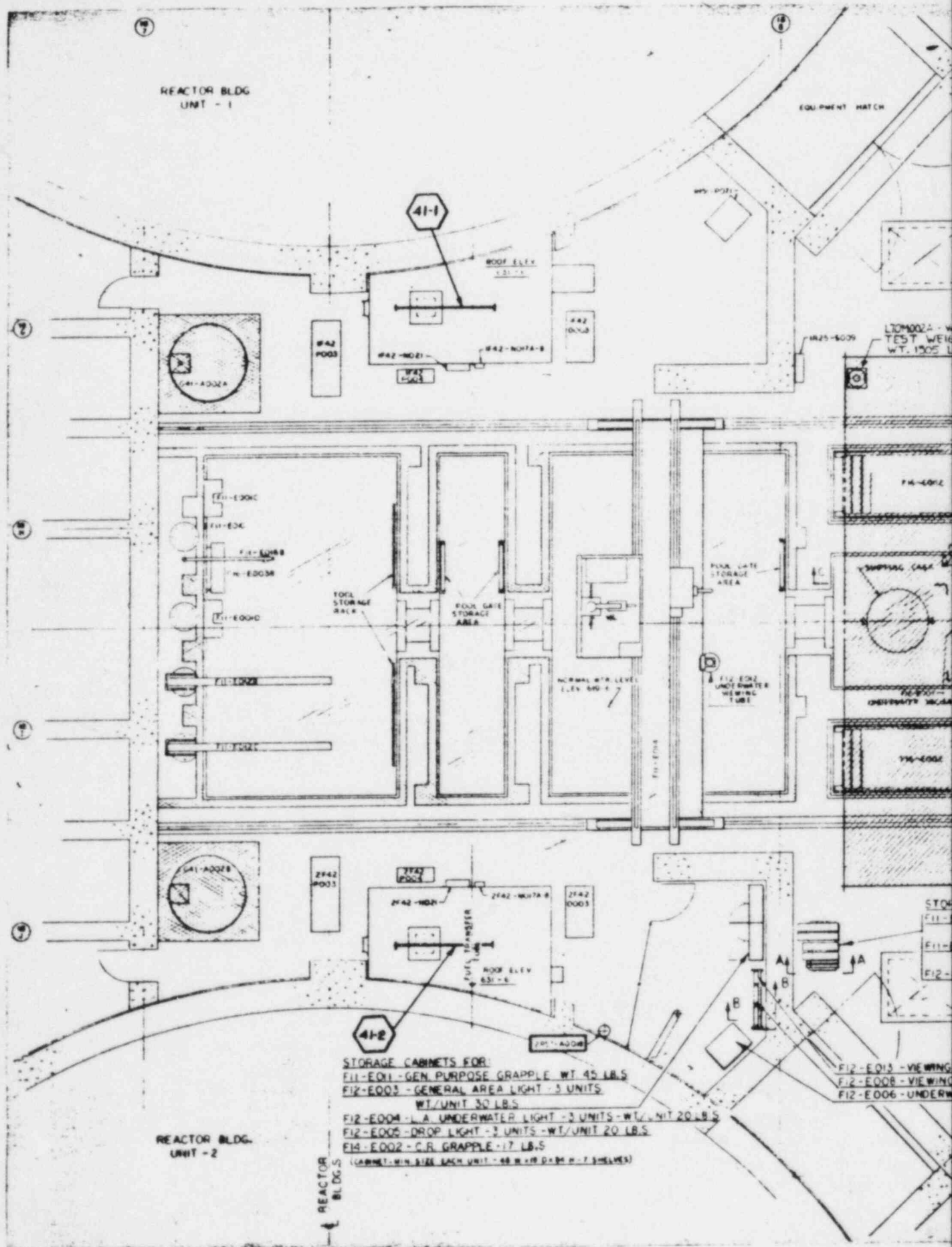
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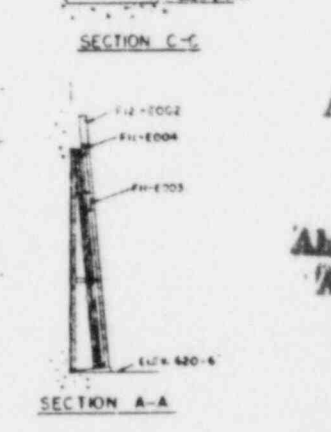
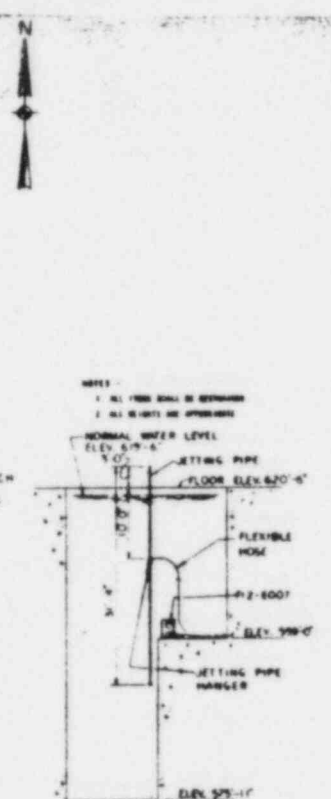
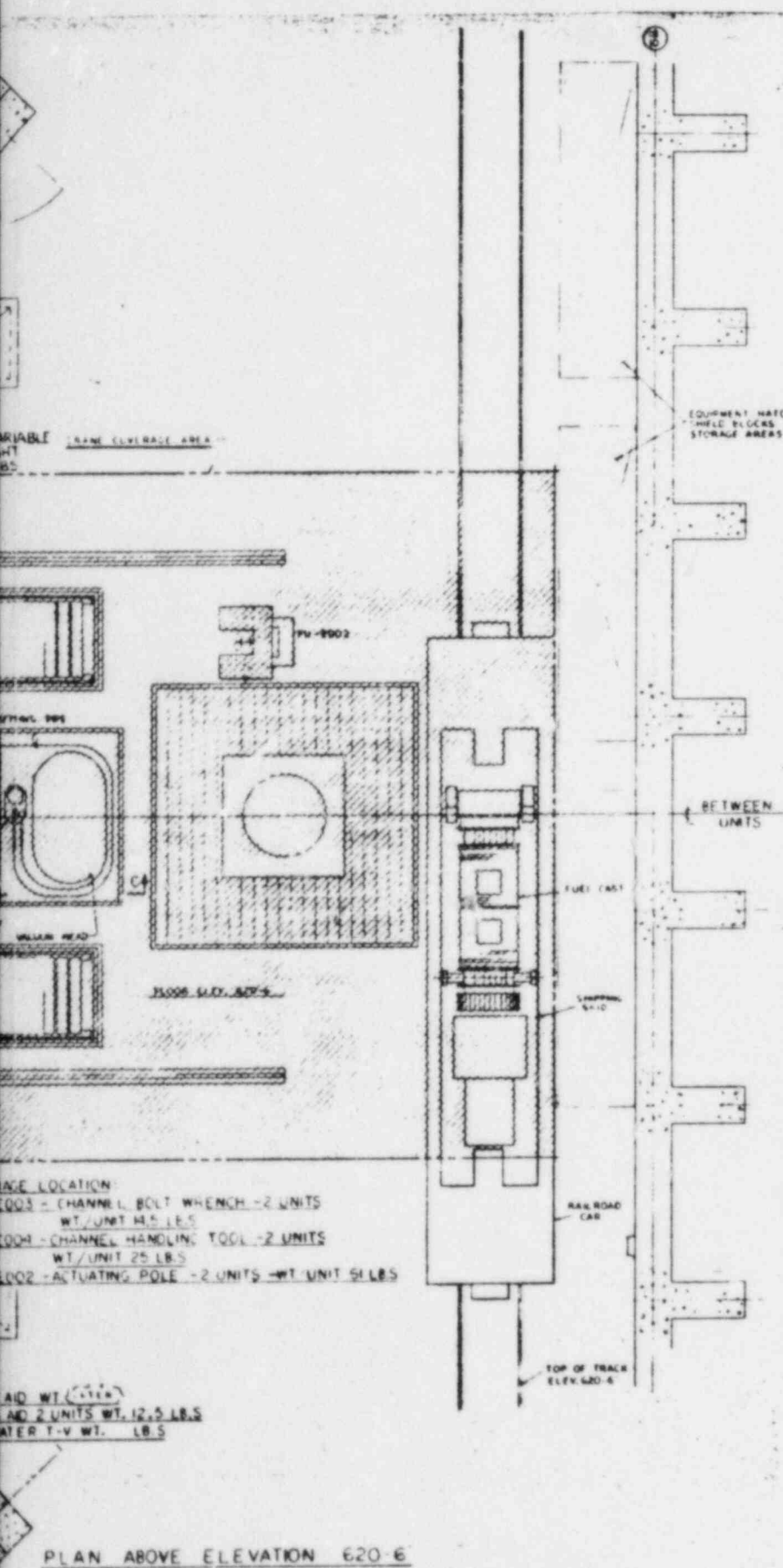
STORAGE LOCATION
#11-EQ06 FUEL POOL SAMPLER
PANEL-WT. 50 LBS. CONTAINER-85 LBS. 180°

PLAN ABOVE ELEVATION 689'-6"

40







TI APERTURE CARD

Also Available in
Aperture Car

NOTE:
FOR LEGEND SEE
DRAWING C-021-004

- LOCATION:**
- 1003 - CHANNEL BOLT WRENCH - 2 UNITS
WT./UNIT 4.5 LBS
 - 1004 - CHANNEL HANDLING TOOL - 2 UNITS
WT./UNIT 25 LBS
 - 1002 - ACTUATING POLE - 2 UNITS - WT. UNIT 5 LBS
- WT. (LBS.)**
- 2 UNITS WT. 12.5 LBS
 - WATER T.V. WT. LBS

B-021-010
November, 1985

PLAN ABOVE ELEVATION 620.6

8511180278-01

STORAGE CABINETS FOR:

#12-E001-B-UTL. MANIPULATOR-WT. 17 LBS.
 #12-E002-GENERAL AREA LIGHT-3 UNITS-
 WT./UNIT 30 LBS.
 #12-E004-L.A. UNDERWATER LIGHT-3 UNITS-
 WT./UNIT 20 LBS.
 #12-E005-DROP LIGHT-3 UNITS-WT./UNIT 20 LBS.
 #14-E002-C.R. GRAPPLE-WT. 17 LBS.
 #14-E007-INSTR. HANDLING TOOL-WT. 50 LBS.
 #14-E004-C.R. GUIDE TUBE GRAPPLE-WT. 35 LBS.
 #14-E007-PERIPHERAL FUEL SUPPORT PLUG-WT. 15 LBS.
 #11-E001-GEN PURPOSE GRAPPLE-WT. 45 LBS.
 #11-E018-IFTS INSERT GRAPPLE-WT. LBS.
 CABINET WITH EACH UNIT-18 IN. X 24 IN. X 12 IN.
 (3 UNITS)

CONTAMINATED TOOL STORAGE CABINET

STORAGE LOCATION:

#14-E005
 FUEL BUNDLE SAMPLER
 WT. 920 LBS.

STORAGE LOCATION:

#12-E002-ACTUATING
 #13-E003-SHROUD M
 #14-E005-FUEL
 #14-E006

#12-E009
 LIGHT SUPPORT BRACKET
 2 UNITS WT./UNIT 19 LBS.

#13-E001 SEAL SURFACE
 PROTECTOR-4 SEGMENTS
 WT./SEGMENT 775 LBS.

#13-E008 DRYER-SEPAR-
 ATOR STRONGBACK
 WT. 8 KIPS

#13-E002 STEAM LINE
 PLUG & INSERTION TOOL
 WT. 375 LBS.

#15-E005
 AUX. PLTF. RAIL
 WT. 2.8 KIPS

DRYWELL HEAD
 FLANGE PROTECTOR
 6 SEGMENTS
 WT. 1.3 KIPS

#13-E002-STEAM
 LINE PLUG-3 UNITS
 WT./UNIT 300 LBS.

VESSEL HEAD
 PIPING BUNDLE
 WT. 1.3 KIPS

STORAGE CABINET FOR:
 #12-E001 POOL TOOL ACCESSORIES
 ITEMS-2,3,4,5,7,8,9,10,14, & 15

E12
 RHR

DISPOSAL BIN

PERSONNEL LOCK

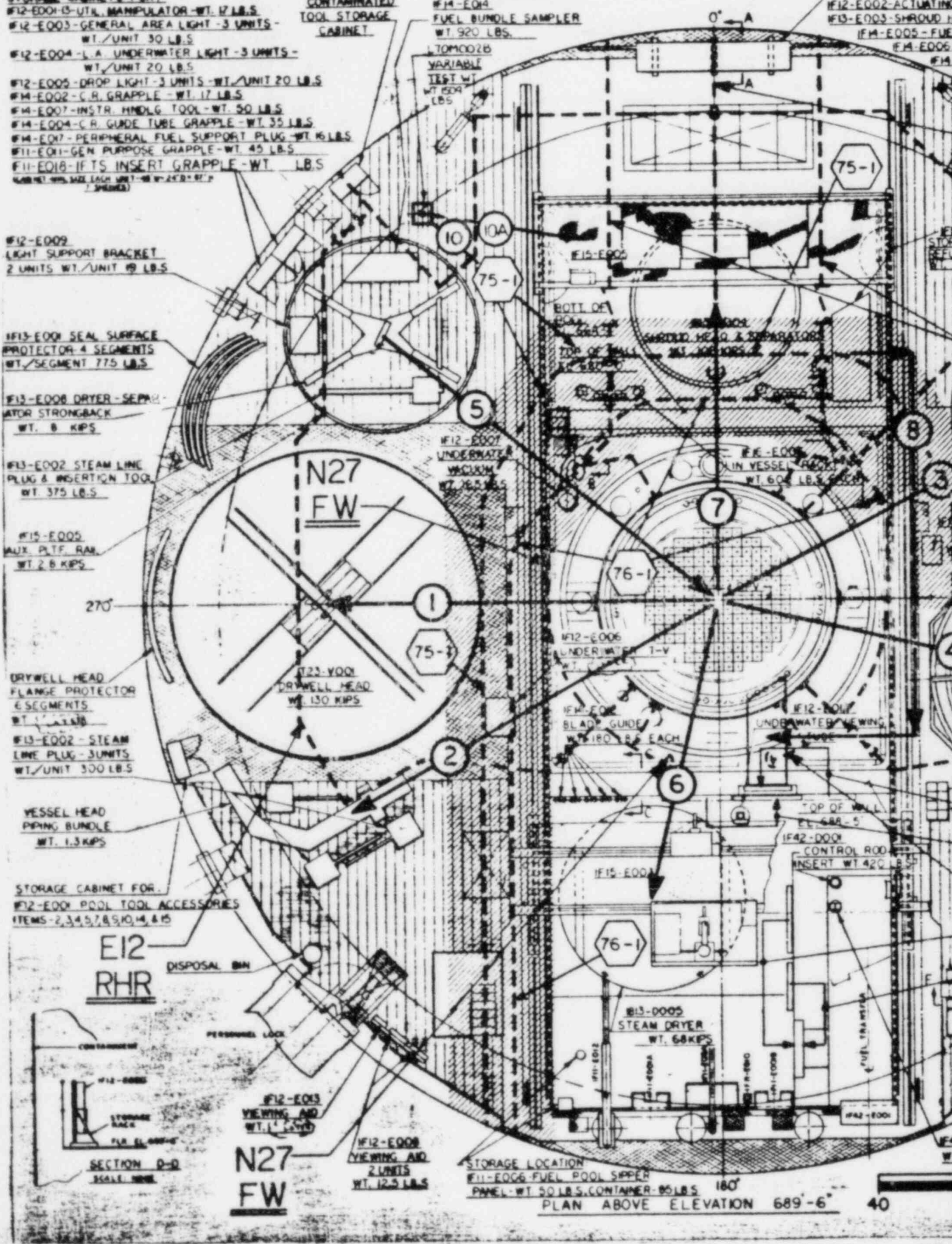
#12-E003
 VIEWING AND
 WT. 1.1 KIPS

#12-E008
 VIEWING AND
 2 UNITS
 WT. 12.5 LBS.

STORAGE LOCATION
 #11-E006 FUEL POOL SAMPLER
 PANEL-WT. 50 LBS. CONTAINER-50 LBS.

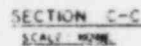
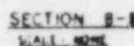
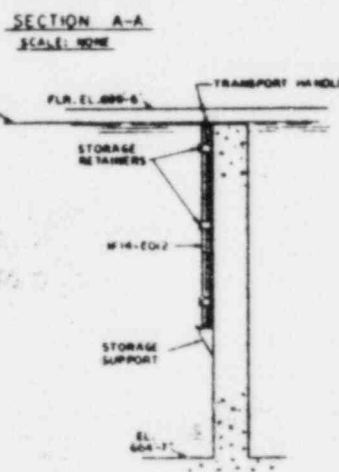
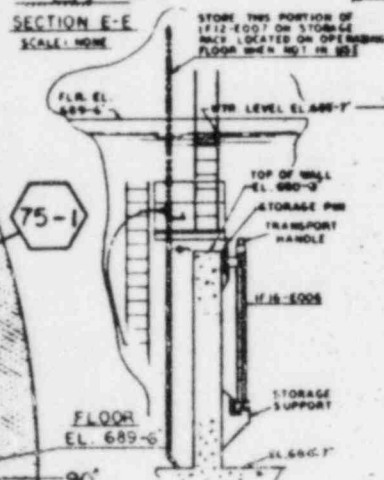
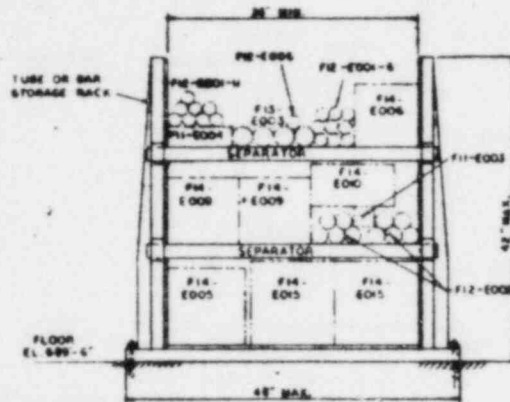
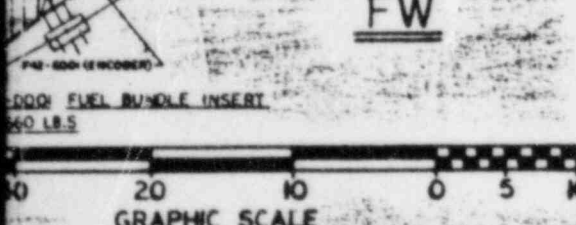
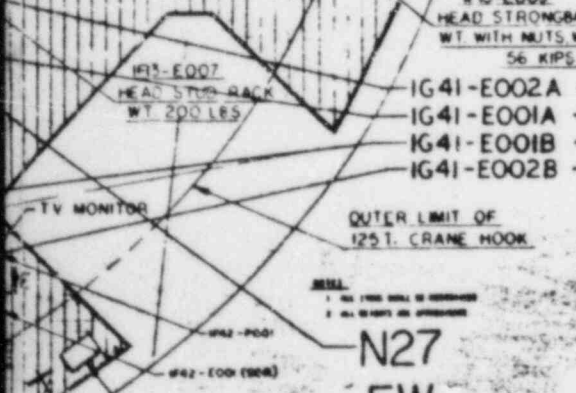
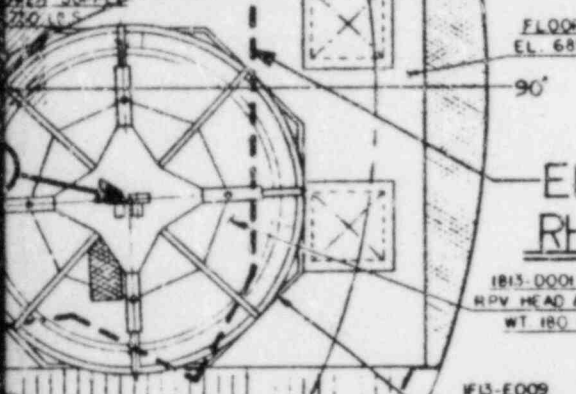
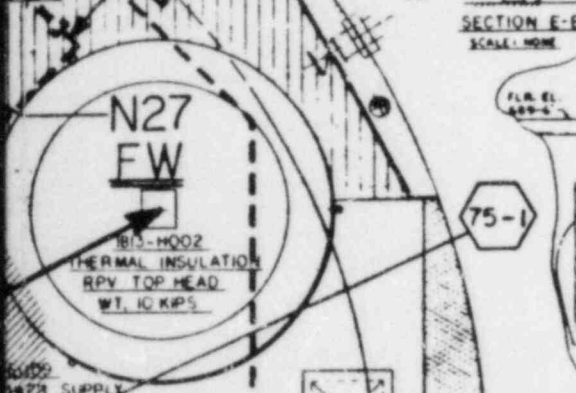
PLAN ABOVE ELEVATION 689'-6"

40



E12
RHR

T.V.M.
WALL
E.L.



TI
APERTURE
CARD

Also Available On
Aperture Card

FOR LEGEND SEE DRAWING
C-021-001

B-021-009

November, 1985

ALABAMA POWER CO. - CIVIL SERVICE

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