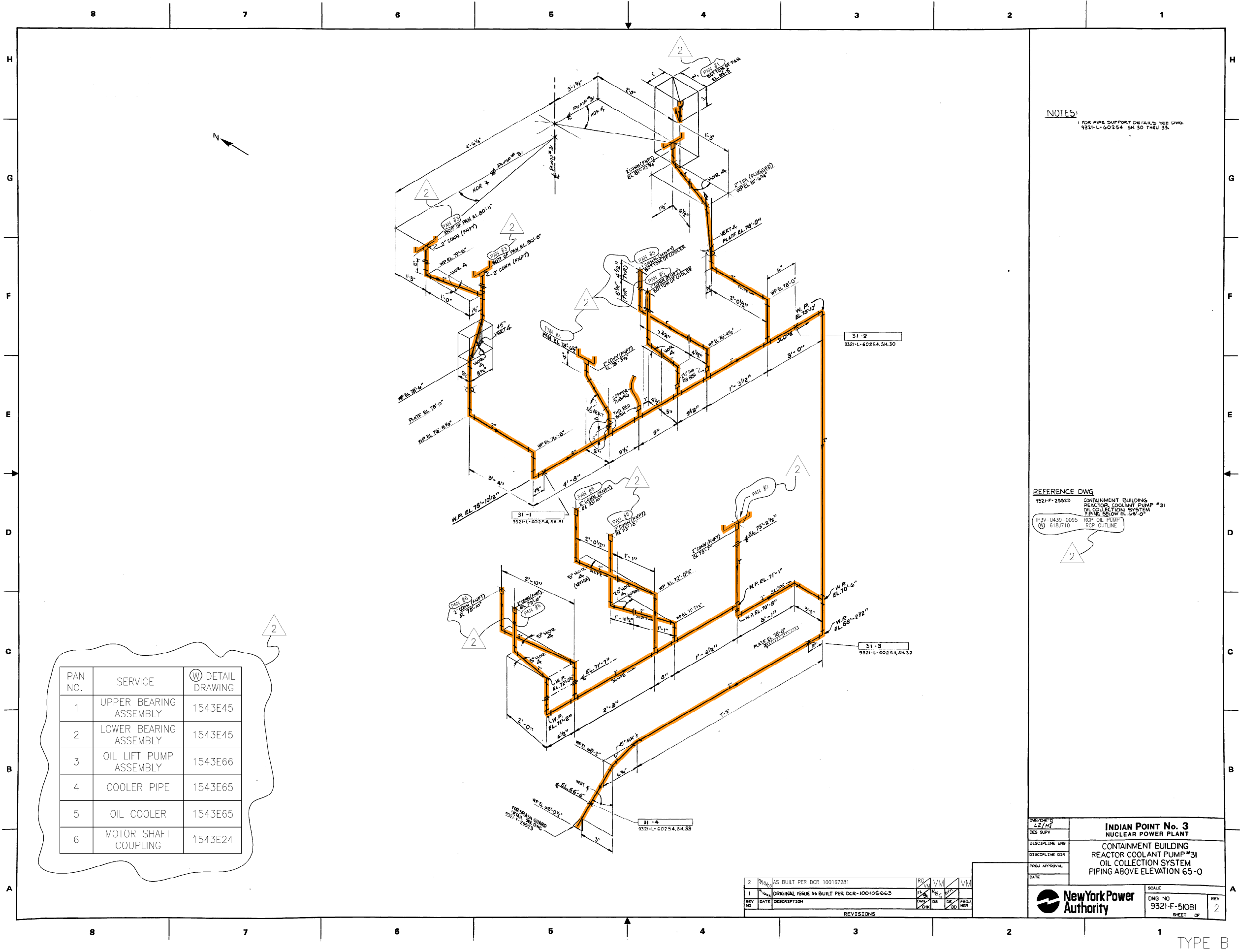




NOTES:
1 FOR PIPE SUPPORT DETAILS SEE DWG.
9321-L-60254 SH 30 THRU 33.

REFERENCE DWG
9321-F-23523 CONTAINMENT BUILDING
REACTOR COOLANT PUMP #31
OIL COLLECTION SYSTEM
PIPING BELOW EL. 65'-0"
9321-F-0439-0095 RCP OIL PUMP
618/710 RCP OUTLINE

SYSTEM INTENDED
FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

FIRE PROTECTION CO2,
HALON AND RCP OIL
COLLECTION SYSTEMS
AMM-19

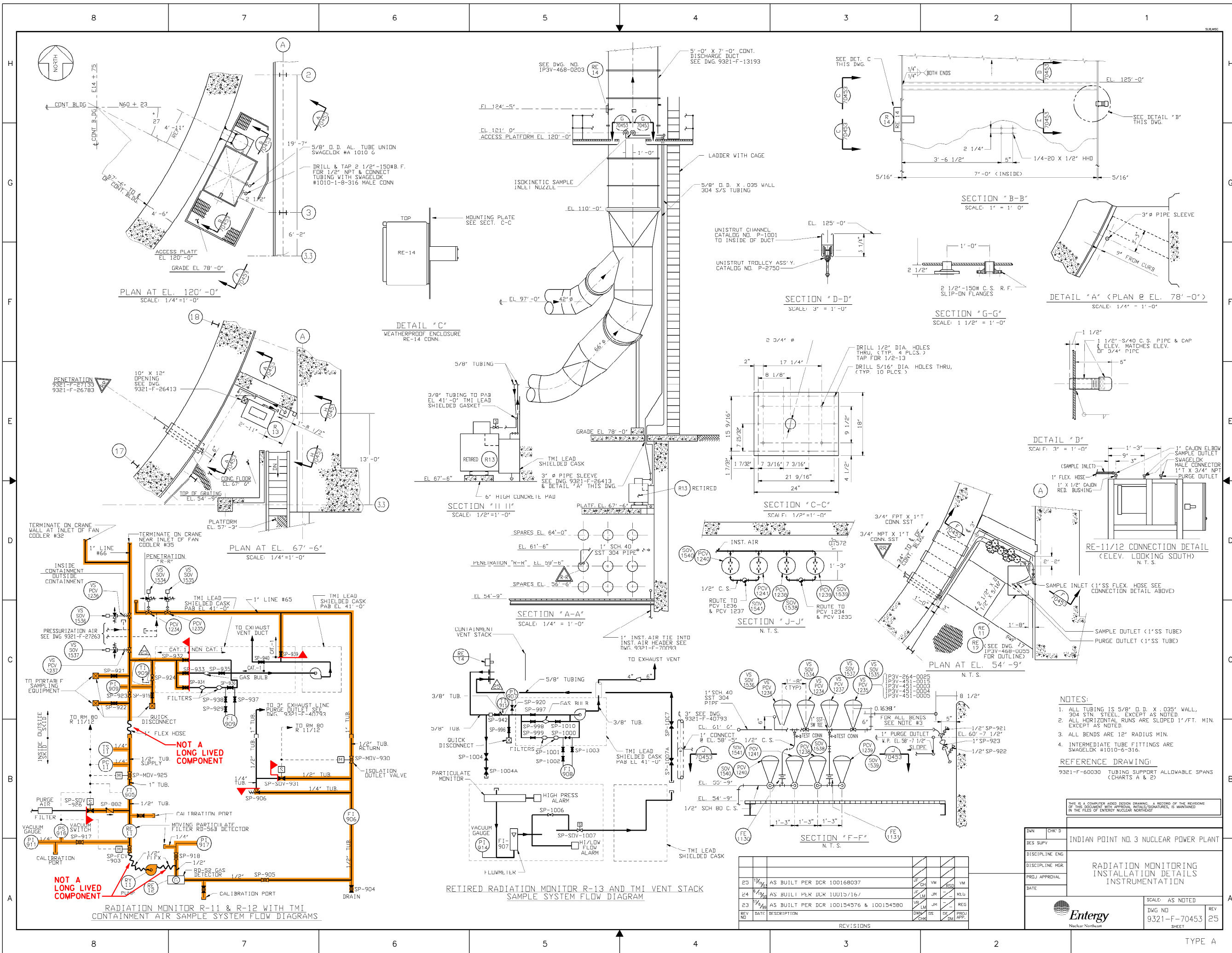
PAN NO.	SERVICE	W DETAIL DRAWING
1	UPPER BEARING ASSEMBLY	1543E45
2	LOWER BEARING ASSEMBLY	1513E15
3	OIL LIFT PUMP ASSEMBLY	1543E66
4	COOLER PIPE	1543E65
5	OIL COOLER	1543E65
6	MOTOR SHAFT COUPLING	1543E24

REV NO	DATE	DESCRIPTION	BY	CHK	APP	PROJ	MOD
1	10/10/03	ORIGINAL ISSUE AS BUILT PER DCR-100105663	VM	VM	VM	VM	VM
2	9/15/03	AS BUILT PER DCR 100167281	VM	VM	VM	VM	VM

DESIGNER LZ/HJ	INDIAN POINT No. 3 NUCLEAR POWER PLANT
DISCIPLINE ENG	CONTAINMENT BUILDING REACTOR COOLANT PUMP #31 OIL COLLECTION SYSTEM PIPING ABOVE ELEVATION 65'-0"
DISCIPLINE DSR	
PROJ APPROVAL	
DATE	
SCALE	
DWG NO 9321-F-51081	REV 2
SHEET OF	



0	5-5-06								
NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP			
REVISIONS									
LRA-9321-51081-0									
CADD FILE LRA-9321-51081_02.DGN									
XREF FILE 9321-51081_02.CAL									



SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

CONTAINMENT PENETRATIONS
AMM-26

- NOTES:
- ALL TUBING IS 5/8" O.D. X .035" WALL, 304 STN. STEEL, EXCEPT AS NOTED.
 - ALL HORIZONTAL RUNS ARE SLOPED 1"/FT. MIN. EXCEPT AS NOTED.
 - ALL BENDS ARE 12" RADIUS MIN.
 - INTERMEDIATE TUBE FITTINGS ARE SWAGelok #1010-6-316.

REFERENCE DRAWING:
9321-F-60030 TUBING SUPPORT ALLOWABLE SPANS
(CHARTS A & B)

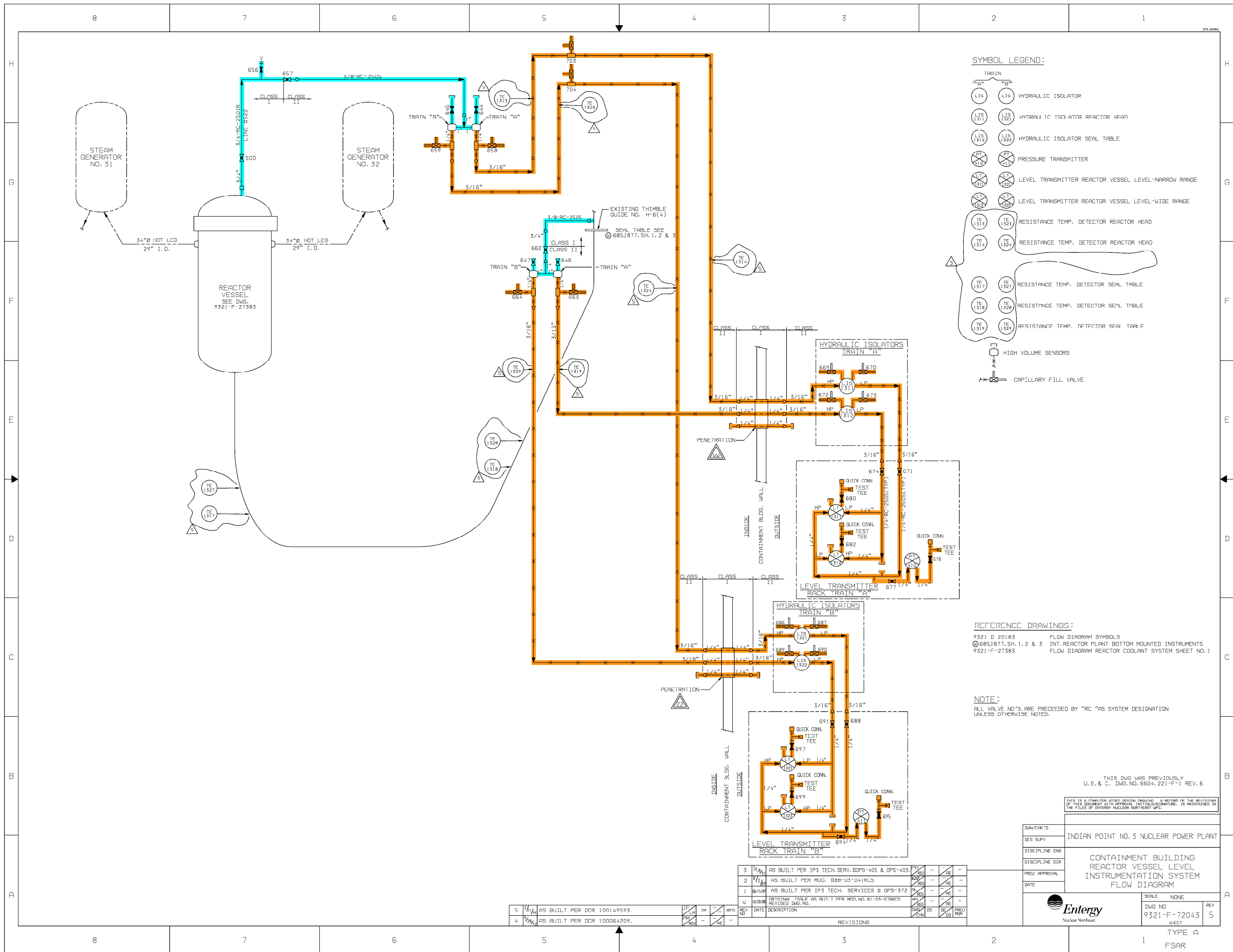
THIS IS A COMPUTER AIDED DESIGN DRAWING. A RECORD OF THE REVISIONS OF THIS DOCUMENT WITH APPROVAL INITIALS/SIGNATURES, IS MAINTAINED IN THE FILES OF ENTERTY NUCLEAR NORTHEAST

OWN	CHK'D	INDIAN POINT NO. 3 NUCLEAR POWER PLANT
DES. SUPV.		
DISCIPLINE ENG.		
DISCIPLINE MGR.		
PROJ. APPROVAL		
DATE		
SCALE: AS NOTED		
DWG NO. 9321-F-70453	REV. 25	
SHEET		

REV. NO.	DATE	DESCRIPTION	BY	CHK'D	APP.
25	10/11/06	AS BUILT PER DCR 100168037	JF	CH	VM
24	8/1/06	AS BUILT PER DCR 10013716/	JF	LM	JM
23	9/8/06	AS BUILT PER DCR 100154576 & 100154580	VM	LM	JM

0	8-3-06	DESCRIPTION	BY	CHK	APP.
NO.	DATE	DESCRIPTION	BY	CHK	APP.
REVISIONS					
LRA-9321-70453-0					
LRA-9321-70453-25.DGN					
9321-70453-25.CAL					

TYPE A



 SYSTEM INTENDED
FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

CONTAINMENT PENETRATIONS
AMM-26

REACTOR COOLANT SYSTEM
AMM-33

THIS DWG WAS PREVIOUSLY
U.E. & C. DWG. NO. 6604. 221-F-1 REV. 6

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DWN/CHK'D	INDIAN POINT NO.3 NUCLEAR POWER PLANT		
DES SUPV			
DISCIPLINE ENG			
DISCIPLINE DIR			
PROJ APPROVAL			
DATE	CONTAINMENT BUILDING REACTOR VESSEL LEVEL INSTRUMENTATION SYSTEM FLOW DIAGRAM		
 Entergy Nuclear Northeast		SCALE NONE DWG NO 9321-F-72043 SHEET	REV 5

0	12-6-06					
NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRA-9321-72043-0						
CAD FILE						
LRA-9321-72043_05.DGN						
RASTER FILE						
9321-72043_05.CAL						