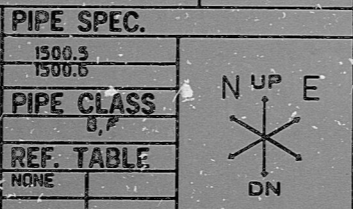


BILL OF MATERIALS				
ITEM	QTY	SIZE	DESCRIPTION	CODE NO.
1			PS 1500.5	
2	56	3"	PIPE CS SA106/C SMLS 1.375" MIN WL.	
3	42	3"	PIPE CS SA106/C SMLS 1.750" MIN WL.	
4	2	3"	50° ELBOW LR.DW.CS SA234/WPC 1.375 MIN	
5			WALL THK	
6	1	3"	90° ELBOW LR.DW.CS SA234/WPC 1.750" MIN WL.	
7				
8	6	6"	PIPE CS SA106/B SMLS SCH. 80	1A9AB1F0B060
9	1	6"	90° ELBOW LR.DW.CS SA234 WPC SMLS/	3J3DE1F0B060
10			EFW SCH. 80.	
11			PS 1500.6	
12	109	3"	PIPE CS. A156 CL1/KC70 EFW 1.25	
13			MIN. WALL THK.	
14				
15				
16				
17				
18				
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32				

SPECIALS			
MK. NO.	NO.	DESCRIPTION	REMARKS
33	1	PENETRATION ASSY M113 - 34"	
34	17	SPECIAL ANCHOR FORGING BY GRINNELL	SEE DNG. 1680-7 FOR WALL THK.
35	32	SPECIAL HEADER FORGING BY GRINNELL	2.375" MIN. WL.
36	1	SPECIAL WELDING BOSS, 2" SEE NOTE 1.	
37		PS. 1500.5	
38	4	SPECIAL WELDING BOSS, 3/4" SEE NOTE 1, PS. 1500.5	
39	5	SPECIAL WELDING BOSS, 1" SEE NOTE 1, PS. 1500.5	
40	1	SWEEPolet BY GRINNELL	
41			
42			
43			
44			

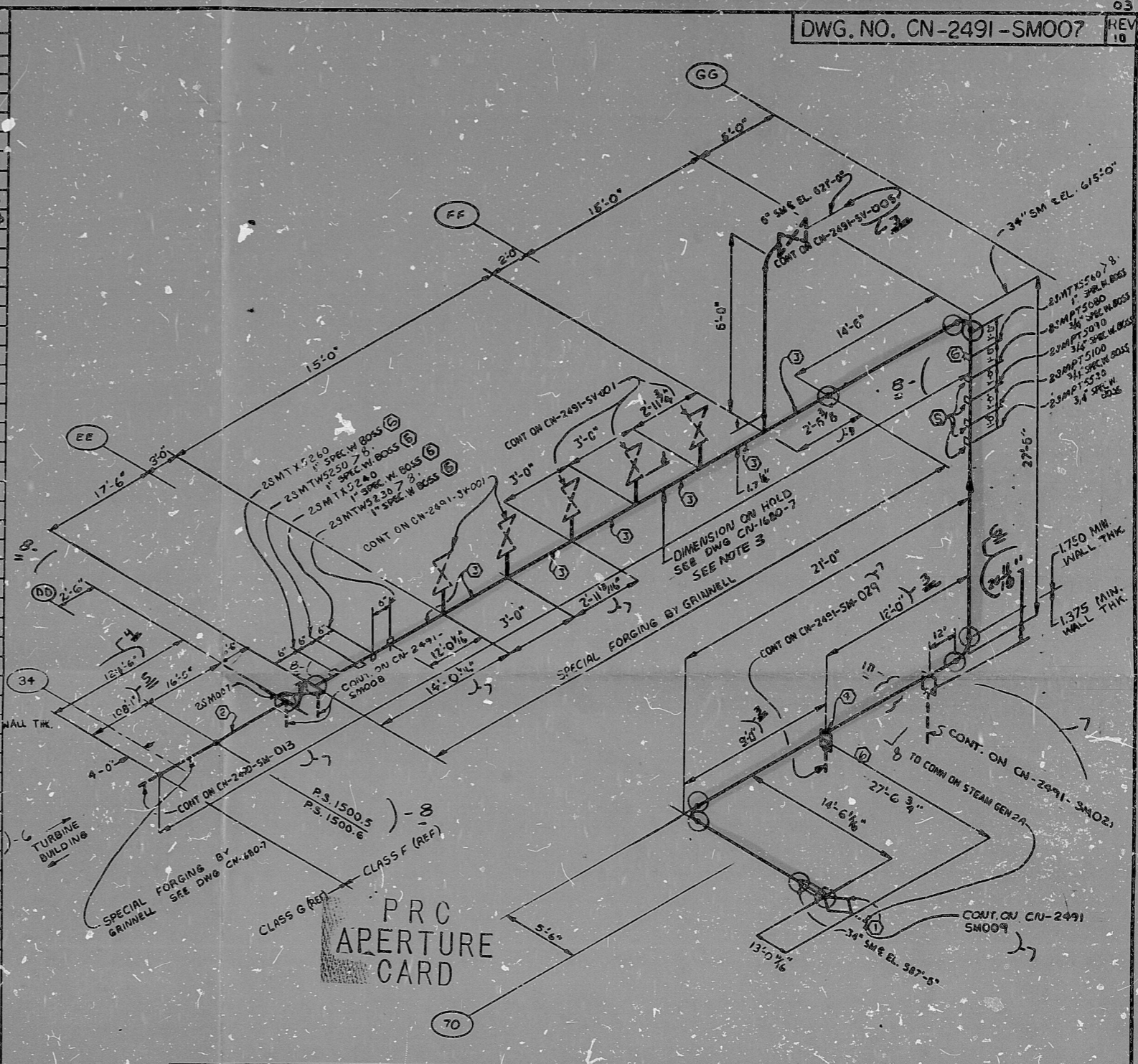
VALVE LIST			PIPE SPEC.	
MARK NO.	ITEM NO.	DRAWING NO.	SIZE	1500.5
25M007		CN-2491-SM-001	34.00	1500.6
				PIPE CLASS
				REF. TABLE
				NONE



NOTES: 1. REF. MDG-ES-2 FOR SPECIAL WELDING BOSS INFORMATION.
 2. DIMENSIONS SHOWN DO NOT APPLY TO EITHER THE HOT OR COLD POSITION.
 3. HOLD APPLIES TO TRANSITION PIECE ALSO

NO.	REVISION	CHD	APP	DATE	CIVIL	ELEC	MECH	INSPECTED
10	REVISED TO CLEAR VN # 25159			12/11/81				PC
9	REV. INSTRUMENTATION			12/22/81				PC
8	REVISED AS NOTED			12/22/81				PC
7	REVISED & UPDATED AS NOTED			12/22/81				PC
6	ADDED DIM. FOR ITEM (7)			1/28/78				PC
5	REVISED B/M WAS NOTED			1/19/78				PC
4	REVISED DIM OF YARD PORTION OF PIPE			1/26/78				PC
3	REVISED ITEM (4) UN, ADDED ITEM (5), AS NOTED			1/26/78				PC
2	DELETED ITEM 7 IN SPEC. COL.			12/6/77				PC
1	REVISED & REMOVED HOLD FROM R/M			11/19/77				PC
ORR	RELEASED FOR CONSTRUCTION			8/23/77				PC

DWG. NO. CN-2491-SM007 REV 10



NUCLEAR SAFETY RELATED YES X NO
 DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION UNIT 2
 REACTOR BUILDING (DOGHOUSE)
 MAIN STEAM SYSTEM (SM)
 2A
 DESIGNER: [Signature] DATE: 12/16/76 INSP: [Signature] DATE: [Signature]
 DRAWN: [Signature] DATE: 12/22/76 INSP: [Signature] DATE: [Signature]
 CHECKED: [Signature] DATE: 12/22/76 APPR: [Signature] DATE: [Signature]
 DWG. NO. CN-2491-SM007 REV 10

○ WELDS TO BE ISI'D
 ○ LONGITUDINAL WELD TO BE INSPECTED

8210050401
 MAIN STEAM BREAK EXCLUSION AREA

RIDS

8210050401

