



NOTE: AN (*) APOSTROPHED DIMENSION INDICATES A DIMENSION CHANGE (INCLUDING PIPE SUPPORT ORIENTATION) AFTER REV. 0 THAT IS BASED ON FIELD WALKDOWNS AND IS ANALYTICALLY ACCEPTABLE.

DRAWING LEGIBILITY CLASS 1

DESIGN CONDITIONS
SEE DSP-544H-044461-000

OPERATING CONDITIONS
SEE DSP-544H-044461-000

PIPING CODE: 44G1-SWOB

PIPE MATERIAL	LINE SPEC	LINE SIZE	REF TEMP °F	LN EXP. IN/100 FT.	MOD. OF FLAG
SA 106, GR. B	152	10"	-	N/A	
SA 106, GR. B	152	16"	-	N/A	

PIPE SIZE	WALL THK.	PIPE WEIGHT LB./LINEAR FT.	INSULATION CONTENT
10" 10.750"	.365	40.500	34.200
16" 16.000"	.375	62.600	79.200

FIELD CHANGES

FCR-B-8476-R/O	FCR-B-11550-R/O
FCR-B-8511-R/O	FCR-B-11551-R/O
FCR-B-7634-R/O	FCR-B-9889-R/O
FCR-B-7721-R/O	FCR-B-9974-R/O
FCR-B-1424-R/2	FCR-B-10726-R/O
FCR-B-8306-R/3	FCR-B-11737-R/O
FCR-B-2105-R/O	FCR-B-11258-R/O
FCR-B-9017-R/O	FCR-B-11256-R/O
FCR-B-8793-R/1	FCR-B-12093-R/O
FCR-B-6008-R/1	FCR-B-11251-R/O
FCR-B-11258-R/O	FCR-B-9103-R/O
FCR-B-3942-R/O	DN-6355

- SYMBOLS**
- RIGID HANGER Y=0
 - VARIABLE (SPRING) HGR.
 - CONSTANT LOAD HGR.
 - GUIDE
 - MECHANICAL RESTRAINT
 - RIGID RESTRAINT
 - ANCHOR
 - CENTER OF GRAVITY
 - DESIGN FLAG
 - U-BOLT
 - SLEEVE
 - JET SHIELD
 - RUPTURE RESTRAINT
 - TEE

NOTES:
1. DIMENSIONS -
□ (a.) METERS AND DECIMALS OF METERS
■ (b.) FEET AND DECIMALS OF A FOOT
(c.) ALL DECIMALS SHALL BE CARRIED TO 3 PLACES

REFERENCE DWG

TITLE	NUMBER	REV
AS BUILT ISOMETRIC	SE-SW-28	2M
AS BUILT ISOMETRIC	SE-SW-33	0M
SERVICE WATER COOLING	E-304-251	1
SERVICE WATER COOLING	D-302-222	116

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMMER NUCLEAR STATION UNIT #1

PIPING ANALYSIS DIAGRAM
SERVICE WATER - FROM REACTOR BUILDING COOLING UNITS "1A" AND "2A" TO PENETRATION 305

READING PA
GILBERT ASSOCIATES, INC.
ENGINEERS AND CONSULTANTS

MADE	CHECKED	APPROVED	DATE
PJM	WJM	PJS	07/15/88

SCALE: 1"=10'-0" (AS SHOWN)
044461-000 04: 4461 C-314-251 15 4
WORK ORDER FILE NO. DRAWING NO. SHEET REV

SW FR M RB COOL UNIT 1A TO PEN 305