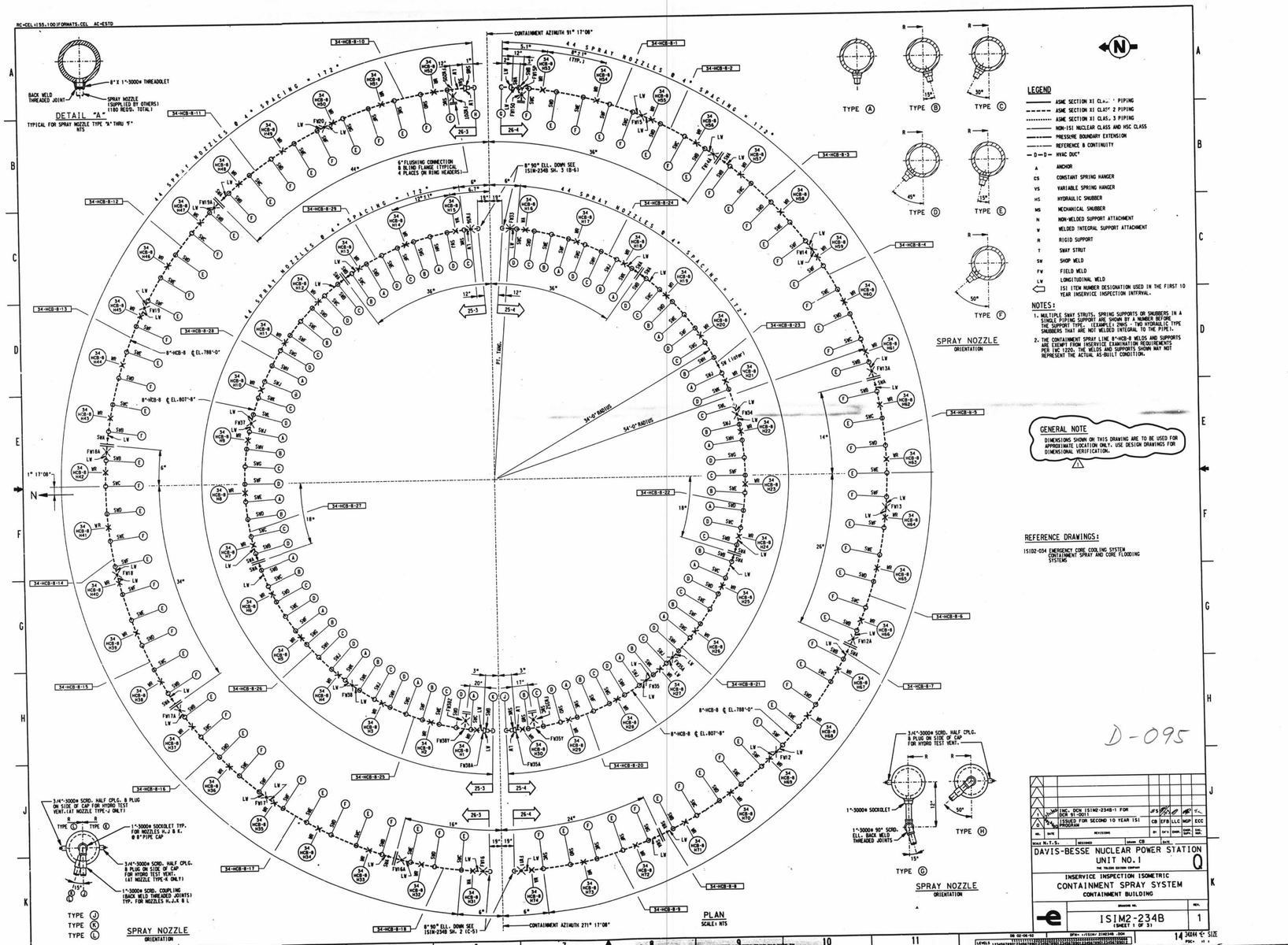
CONTAINMENT AZIMUTH 91° 17'08"
CONTAINMENT AZIMUTH 271° 17'08"
44 SPRAY NOZZLES @ 4° SPACING = 172°
8"X 1"-3000# THREADOLET
BACK WELD THREADED JOINT
SPRAY NOZZLE (SUPPLIED BY OTHERS) (180 REQD'S. TOTAL)
DETAIL "A"
TYPICAL FOR SPRAY NOZZLE TYPE "A" THRU "F"
NTS
6" FLUSHING CONNECTION & BLIND FLANGE (TYPICAL 4 PLACES ON RING HEADERS)
8"-90° ELL- DOWN SEE (SIN-234B SH. 3 (B-6)
8"-90° ELL- DOWN SEE (SIN-234B SH. 2 (C-5)
54'-0" RADIUS
34'-0" RADIUS
Pt. TANG.
8"-HCB-8 ℄ EL.788'-0"
8"-HCB-8 ℄ EL.807'-8"
N
PLAN
SCALE: NTS
TYPE A
TYPE B
TYPE C
TYPE D
TYPE E
TYPE F
SPRAY NOZZLE ORIENTATION
LEGEND
ASME SECTION XI CLASS 1 PIPING
ASME SECTION XI CLASS 2 PIPING
ASME SECTION XI CLASS 3 PIPING
NON-ISI NUCLEAR CLASS AND HSC CLASS
PRESSURE BOUNDARY EXTENSION
REFERENCE & CONTINUITY
HVAC DUCT
A ANCHOR
CS CONSTANT SPRING HANGER
VS VARIABLE SPRING HANGER
HS HYDRAULIC SNUBBER
MS MECHANICAL SNUBBER
N NON-WELDED SUPPORT ATTACHMENT
W WELDED INTEGRAL SUPPORT ATTACHMENT
R RIGID SUPPORT
T SWAY STRUT
SW SHOP WELD
FW FIELD WELD
LW LONGITUDINAL WELD
ISI ITEM NUMBER DESIGNATION USED IN THE FIRST 10 YEAR INSERVICE INSPECTION INTERVAL.
NOTES:
1. MULTIPLE SWAY STRUTS, SPRING SUPPORTS OR SNUBBERS IN A SINGLE PIPING SUPPORT ARE SHOWN BY A NUMBER BEFORE THE SUPPORT TYPE. (EXAMPLE: 2HN8 - TWO HYDRAULIC TYPE SNUBBERS THAT ARE NOT WELDED INTEGRAL TO THE PIPE).
2. THE CONTAINMENT SPRAY LINE 8"-HCB-8 WELDS AND SUPPORTS ARE EXEMPT FROM INSERVICE EXAMINATION REQUIREMENTS PER IWC 1220. THE WELDS AND SUPPORTS SHOWN MAY NOT REPRESENT THE ACTUAL AS-BUILT CONDITION.
GENERAL NOTE
DIMENSIONS SHOWN ON THIS DRAWING ARE TO BE USED FOR APPROXIMATE LOCATION ONLY. USE DESIGN DRAWINGS FOR DIMENSIONAL VERIFICATION.
REFERENCE DRAWINGS:
1S102-034 EMERGENCY CORE COOLING SYSTEM CONTAINMENT SPRAY AND CORE FLOODING SYSTEMS
3/4"-3000# SCRD. HALF CPLG. & PLUG ON SIDE OF CAP FOR HYDRO TEST VENT. (AT NOZZLE TYPE-J ONLY)
1"-3000# SOCKOLET TYP. FOR NOZZLES H, J & K. @ 8°PIPE CAP
3/4"-3000# SCRD. HALF CPLG. & PLUG ON SIDE OF CAP FOR HYDRO TEST VENT. (AT NOZZLE TYPE-K ONLY)
1"-3000# SCRD. COUPLING (BACK WELD THREADED JOINTS) TYP. FOR NOZZLES H,J,K & L
TYPE J
TYPE K
TYPE L
SPRAY NOZZLE ORIENTATION
3/4"-3000# SCRD. HALF CPLG. & PLUG ON SIDE OF CAP FOR HYDRO TEST VENT.
1"-3000# SOCKOLET
1"-3000# 90° SCRD. ELL- BACK WELD THREADED JOINTS
TYPE H
TYPE G
SPRAY NOZZLE ORIENTATION
D-095
DAVIS-BESSE NUCLEAR POWER STATION
UNIT NO. 1
Q
INSERVICE INSPECTION ISOMETRIC
CONTAINMENT SPRAY SYSTEM
CONTAINMENT BUILDING
ISIM2-234B
SHEET 1 OF 31
1
14
34044