VOLUME II (CONTINUED)

PLUMBING

SNS DRAWING NUMBER	SHEET NO.	REV.	SHEET TITLE
108030700-P8E-8700-A006	P1.B1.30	J	TARGET BUILDING – OVERALL PLUMBING FLOOR PLAN, BASEMENT
108030700-P8E-8700-A001	P1.01.30	G	TARGET BUILDING – OVERALL PLUMBING FLOOR PLAN, INSTR. LEVEL
108030700-P8E-8700-A002	P1.02.30	G	TARGET BUILDING – OVERALL PLUMBING FLOOR PLAN, MEZZANINE
108030700-P8E-8700-A003	P1.03.30	G	TARGET BUILDING – OVERALL PLUMBING FLOOR PLAN, HIGH BAY
108030700-P8E-8700-A004	P1.04.30	G	TARGET BUILDING – OVERALL PLUMBING FLOOR PLAN, TRUSS LEVEL
108030700-P8E-8700-A005	P1.09.30	0	TARGET BUILDING – OVERALL PLUMBING ROOF PLAN
108030700-P8E-8700-A007	P2.01.41	0	TARGET BUILDING – PLUMBING FLOOR PLAN, INSTRUMENT LEVEL – LEVEL 1, SECTOR 41
108030700-P8E-8700-A009	P2.01.43	0	TARGET BUILDING – PLUMBING FLOOR PLAN, INSTRUMENT LEVEL – LEVEL 1, SECTOR 43
108030700-P8E-8700-A010	P2.01.44	0	TARGET BUILDING – PLUMBING FLOOR PLAN, INSTRUMENT LEVEL – LEVEL 1, SECTOR 44
108030700-P8E-8700-A011	P2.01.45	0	TARGET BUILDING – PLUMBING FLOOR PLAN, INSTRUMENT LEVEL – LEVEL 1, SECTOR 45
108030700-P8E-8700-A012	P2.01.46	0	TARGET BUILDING – PLUMBING FLOOR PLAN, INSTRUMENT LEVEL – LEVEL 1, SECTOR 46
108030700-P8E-8700-A013	P2.01.47	0	TARGET BUILDING – PLUMBING FLOOR PLAN, INSTRUMENT LEVEL – LEVEL 1, SECTOR 47
108030700-P8E-8700-A014	P2.01.48	0	TARGET BUILDING – PLUMBING FLOOR PLAN, INSTRUMENT LEVEL – LEVEL 1, SECTOR 48
108030700-P8E-8700-A015	P2.01.49	0	TARGET BUILDING – PLUMBING FLOOR PLAN, INSTRUMENT LEVEL – LEVEL 1, SECTOR 49
108030700-P8E-8700-A016	P2.01.50	0	TARGET BUILDING (2TU) – PLUMBING FLOOR PLAN, 2TU – LEVEL 1, SECTOR 50
108030700-P8E-8700-A090	P2.01.56	0	TARGET BUILDING – PLUMBING FLOOR PLAN, 11TU – LEVEL 1, SECTOR 56
108030700-P8E-8700-A018	P2.02.42	0	TARGET BUILDING – PLUMBING FLOOR PLAN, MEZZANINE – LEVEL 2, SECTOR 42
108030700-P8E-8700-A021	P2.02.45	0	TARGET BUILDING – PLUMBING FLOOR PLAN, MEZZANINE – LEVEL 2, SECTOR 45
108030700-P8E-8700-A023	P2.02.47	0	TARGET BUILDING – PLUMBING FLOOR PLAN, MEZZANINE – LEVEL 2, SECTOR 47
108030700-P8E-8700-A024	P2.02.48	0	TARGET BUILDING – PLUMBING FLOOR PLAN, MEZZANINE – LEVEL 2, SECTOR 48
108030700-P8E-8700-A025	P2.02.49	0	TARGET BUILDING – PLUMBING FLOOR PLAN, MEZZANINE – LEVEL 2, SECTOR 49
108030700-P8E-8700-A093	P2.03.41	0	TARGET BUILDING – PLUMBING FLOOR PLAN, HIGH BAY – LEVEL 3, SECTOR 41
108030700-P8E-8700-A026	P2.03.42	0	TARGET BUILDING – PLUMBING FLOOR PLAN, HIGH BAY – LEVEL 3, SECTOR 42
108030700-P8E-8700-A094	P2.03.43	0	TARGET BUILDING – PLUMBING FLOOR PLAN, HIGH BAY – LEVEL 3, SECTOR 43
108030700-P8E-8700-A095	P2.03.44	0	TARGET BUILDING – PLUMBING FLOOR PLAN, HIGH BAY – LEVEL 3, SECTOR 44
108030700-P8E-8700-A096	P2.03.46	0	TARGET BUILDING – PLUMBING FLOOR PLAN, HIGH BAY – LEVEL 3, SECTOR 46
108030700-P8E-8700-A097	P2.03.47	0	TARGET BUILDING – PLUMBING FLOOR PLAN, HIGH BAY – LEVEL 3, SECTOR 47
108030700-P8E-8700-A028	P2.03.48	0	TARGET BUILDING – PLUMBING FLOOR PLAN, HIGH BAY – LEVEL 3, SECTOR 48
108030700-P8E-8700-A098	P2.03.49	0	TARGET BUILDING – PLUMBING FLOOR PLAN, HIGH BAY – LEVEL 3, SECTOR 49
108030700-P8E-8702-A001	P2.03.50	0	TARGET BUILDING (2TU) – PLUMBING ROOF PLAN (2TU) – SECTOR 50
108030700-P8E-8700-A029	P2.04.41	0	TARGET BUILDING – PLUMBING FLOOR PLAN, TRUSS LEVEL – LEVEL 4, SECTOR 41
108030700-P8E-8700-A030	P2.04.42	0	TARGET BUILDING – PLUMBING FLOOR PLAN, TRUSS LEVEL – LEVEL 4, SECTOR 42
108030700-P8E-8700-A031	P2.04.43	0	TARGET BUILDING – PLUMBING FLOOR PLAN, TRUSS LEVEL – LEVEL 4, SECTOR 43
108030700-P8E-8700-A032	P2.04.44	0	TARGET BUILDING – PLUMBING FLOOR PLAN, TRUSS LEVEL – LEVEL 4, SECTOR 44
108030700-P8E-8700-A033	P2.04.45	0	TARGET BUILDING – PLUMBING FLOOR PLAN, TRUSS LEVEL – LEVEL 4, SECTOR 45
108030700-P8E-8700-A034	P2.04.46	0	TARGET BUILDING – PLUMBING FLOOR PLAN, TRUSS LEVEL – LEVEL 4, SECTOR 46
108030700-P8E-8700-A035	P2.04.47	0	TARGET BUILDING – PLUMBING FLOOR PLAN, TRUSS LEVEL – LEVEL 4, SECTOR 47
108030700-P8E-8700-A036	P2.04.48	0	TARGET BUILDING – PLUMBING FLOOR PLAN, TRUSS LEVEL – LEVEL 4, SECTOR 48
108030700-P8E-8700-A037	P2.04.49	0	TARGET BUILDING – PLUMBING FLOOR PLAN, TRUSS LEVEL – LEVEL 4, SECTOR 49
108030700-P8E-8700-A074	P3.B1.43	0	TARGET BUILDING – PLUMBING FLOOR PLAN, BASEMENT – LEVEL B1, SECTOR 43
108030700-P8E-8700-A075	P3.B1.44	0	TARGET BUILDING – PLUMBING FLOOR PLAN, BASEMENT – LEVEL B1, SECTOR 44
108030700-P8E-8700-A076	P3.B1.45	0	TARGET BUILDING – PLUMBING FLOOR PLAN, BASEMENT – LEVEL B1, SECTOR 45
108030700-P8E-8700-A077	P3.B1.46	0	TARGET BUILDING – PLUMBING FLOOR PLAN, BASEMENT – LEVEL B1, SECTOR 46
108030700-P8E-8700-A078	P3.B1.47	0	TARGET BUILDING – PLUMBING FLOOR PLAN, BASEMENT – LEVEL B1, SECTOR 47
108030700-P8E-8700-A079	P3.B1.48	0	TARGET BUILDING – PLUMBING FLOOR PLAN, BASEMENT – LEVEL B1, SECTOR 48
108030700-P8E-8700-A080	P3.B1.49	0	TARGET BUILDING – PLUMBING FLOOR PLAN, BASEMENT – LEVEL B1, SECTOR 49
108030700-P8E-8700-A081	P4.B1.43	0	TARGET BUILDING – LOW LEVEL WASTE PLAN – LEVEL B1, SECTOR 43
108030700-P8E-8700-A082	P4.B1.51	0	TARGET BUILDING – GHE TRUCK FILL AND LN2 – REDUCING STATION PLAN
108030700-P8E-8700-A083	P5.10.01	0	TARGET BUILDING – GHE TRUCK FILL AND LN2 – REDUCING STATION SECTIONS & VIEWS
108030700-P8E-8700-A084	P5.10.02	0	TARGET BUILDING – GHE TRUCK FILL AND LN2 – REDUCING STATION SECTIONS & VIEWS
108030000-P8E-8000-A001	P6.10.01	7	STANDARD – PLUMBING DETAILS – SHEET 1 OF 6
108030000-P8E-8000-A002	P6.10.02	2	STANDARD – PLUMBING DETAILS – SHEET 2 OF 6
108030000-P8E-8700-A001	P6.10.03	2	STANDARD – PLUMBING DETAILS (LLLW, PSCW, PD) TARGET – SHEET 3 OF 6
108030700-P8E-8700-A088	P6.10.04	1	STANDARD – PLUMBING DETAILS, TARGET – SHEET 4 OF 6
108030700-P8E-8700-A085	P6.10.05	0	TARGET BUILDING – LOW LEVEL WASTE – SECTIONS & DETAILS
108030700-P8E-8700-A089	P6.10.06	0	STANDARD – PLUMBING DETAILS, TARGET – SHEET 6 OF 6
108030700-P8E-8700-A057	P7.10.30	0	TARGET BUILDING – DI WATER FLOW DIAGRAM
108030700-P8E-8700-A058	P7.10.31	0	TARGET BUILDING – DI WATER FLOW DIAGRAM
108030700-P8E-8700-A059	P7.10.34	0	TARGET BUILDING – POLISHED WATER FLOW DIAGRAM
108030700-P8E-8700-A062	P7.10.38	1	TARGET BUILDING – WASTE AND VENT RISER DIAGRAM
108030700-P8E-8700-A063	P7.20.30	0	TARGET BUILDING – COMPRESSED AIR FLOW DIAGRAM
108030700-P8E-8700-A064	P7.30.30	0	TARGET BUILDING – LLLW FLOW DIAGRAM
108030700-P8E-8700-A086	P7.30.31	0	TARGET BUILDING – LOW LEVEL WASTE – P & ID
108030700-P8E-8700-A065	P7.40.30	0	TARGET BUILDING – PROCESS WASTE FLOW DIAGRAM
108030700-P8E-8700-A067	P7.50.31	0	TARGET BUILDING – LIQUID NITROGEN – STORAGE AND TRANSFER P & ID
108030700-P8E-8700-A087	P7.50.32	0	TARGET BUILDING – HELIUM SYSTEM – TRUCK FILL STATION
108030700-P8E-8700-A068	P8.10.01	A	TARGET BUILDING – DI WATER CONTROL DIAGRAM
108030700-P8E-8700-A091	P8.10.03	A	TARGET BUILDING – PROCESS WASTE CONTROL DIAGRAM
108030700-P8E-8700-A069	P9.10.30	2	TARGET BUILDING – PLUMBING SCHEDULES
108030700-P8E-8700-A092	P9.10.32	0	TARGET BUILDING – PLUMBING SCHEDULES

UTILITIES

SNS DRAWING NUMBER	SHEET NO.	REV.	SHEET TITLE
108030700-U8E-8700-A002	U6.10.31	0	TARGET BUILDING – PIPING INTERFACE PLAN – BASEMENT LEVEL
108030700-U8E-8700-A003	U6.10.32	0	TARGET BUILDING – PENETRATIONS PLAN – INSTRUMENT LEVEL
108030700-U8E-8700-A004	U6.10.33	0	TARGET BUILDING – PIPING INTERFACE PLAN – INSTRUMENT LEVEL
108030700-U8E-8700-A005	U6.10.34	0	TARGET BUILDING – PENETRATONS SECTIONS AND DETAILS – BASEMENT AND HIGH BAY LEVELS
108030700-U8E-8700-A006	U6.10.35	0	TARGET BUILDING – PIPING INTERFACE – LEVEL 2 – PLAN VIEW

VOLUME III

GENERAL

SNS DRAWING NUMBER	SHEET NO.	REV.	SHEET TITLE
108030700-G8E-8700-A006	G0.10.33	0	TARGET BUILDING – COVER SHEET – VOLUME III OF IV

PROCESS (HOT CELL)

SNS DRAWING NUMBER	SHEET NO.	REV.	SHEET TITLE
108030700-J8E-8700-A001	J0.00.01	0	TARGET BUILDING – LEGEND AND SYMBOLS LEVEL B1, SECTOR 45
108030700-J8E-8700-A002	J1.10.30	0	TARGET BUILDING – ELECTRICAL INSTALLATION DETAILS
108030700-J8E-8700-A003	J1.14.30	0	TARGET BUILDING – LIGHT FIXTURE SCHEDULE LEVEL L1, SECTOR 45
108030700-J8E-8700-A004	J1.15.30	0	TARGET BUILDING – POWER PANEL SCHEDULES TA-3PP4A, TA-3PP4A1, TA-3PP4B, TA-3DPA6A
108030700-J8E-8700-A005	J1.16.30	0	TARGET BUILDING – UPS PANEL SCHEDULE TA-3UP1
108030700-J8E-8700-A006	J1.17.30	0	TARGET BUILDING – CABLE SCHEDULE FOR LIGHTING & MOTOR PENETRATIONS
108030700-J8E-8700-A007	J1.17.31	0	TARGET BUILDING – CABLE SCHEDULE, RECEPTACLES 120 VAC PENETRATIONS
108030700-J8E-8700-A008	J1.17.33	0	TARGET BUILDING – JUNCTION BOX SCHEDULES, DETAILS, AND BILL OF MATERIALS
108030700-J8E-8700-A009	J1.18.30	0	TARGET BUILDING – MOTOR CONTROL CENTER, MCC8 ONE-LINE DIAGRAM
108030700-J8E-8700-A010	J1.20.30	0	TARGET BUILDING – LIGHTING AND RECEPTACLE DETAILS LEVEL L1, SECTOR 45
108030700-J8E-8700-A012	J1.20.32	0	TARGET BUILDING – NORTH RECEPTACLE DETAILS LEVEL B1, SECTOR 45
108030700-J8E-8700-A114	J1.27.30	0	TARGET BUILDING – TRITIUM AND XENON REMOVAL POWER & INSTRUMENT J-BOX
108030700-J8E-8700-A115	J1.27.31	0	TARGET BUILDING – TRITIUM REMOVAL GLOVEBOX ELECTRICAL ASSEMBLY
108030700-J8E-8700-A116	J1.28.30	0	TARGET BUILDING – CASK CART ASSY. J-BOX DETAILS JB-005 POWER & JB-006 INSTUMENT
108030700-J8E-8700-A117	J1.28.31	0	TARGET BUILDING – CASK CART ASSY. INTERMEDIATE J-BOX DETAILS JB-005A POWER&J-006A INSTRUMENT
108030700-J8E-8700-A118	J1.28.32	0	TARGET BUILDING – IN-CELL SHIELDED DOOR CONTROL PANEL WIRING DIAGRAM & SCHEMATIC
108030700-J8E-8700-A119	J1.28.33	0	TARGET BUILDING – IN-CELL SHIELD DOOR CONTROL PANEL
108030700-J8E-8700-A120	J1.28.34	0	TARGET BUILDING – CASK CART CONTOL PANEL
108030700-J8E-8700-A121	J1.28.35	0	TARGET BUILDING – CASK CART CONTROL PANEL WIRING DIAGRAM & SCHEMATIC
108030700-J8E-8700-A122	J1.28.36	0	TARGET BUILDING – CASK CART CONDUIT LAYOUT
108030700-J8E-8700-A123	J1.29.30	0	TARGET BUILDING – CRANE BAY LIGHTING PENETRATION JB-N-118-K
108030700-J8E-8700-A272	J1.30.30	0	TARGET BUILDING – INPUT ENCLOSURE PANEL NO.1 & NO.2 LAYOUT/WIRING DIAGRAM/SCHEMATIC
108030700-J8E-8700-A013	J2.10.30	0	TARGET BUILDING – PIPING AND INSTRUMENTATION DIAGRAM LEGEND
108030700-J8E-8700-A014	J2.10.31	0	TARGET BUILDING – PIPING AND INSTRUMENTATION DIAGRAM PCE HG REMOVAL SYSTEM
108030700-J8E-8700-A015	J2.10.32	0	TARGET BUILDING – PROCESS FLOW DIAGRAM PCE HG REMOVAL SYSTEM
108030700-J8E-8700-A016	J2.10.33	0	TARGET BUILDING – PIPING AND INSTRUMENTATION DIAGRAM TRITIUM AND XENON REMOVAL SYSTEM
108030700-J8E-8700-A017	J2.10.34	0	TARGET BUILDING – PROCESS FLOW DIAGRAM TRITIUM AND XENON REMOVAL SYSTEM
108030700-J8E-8700-A018	J2.10.35	0	TARGET BUILDING – PIPING AND INSTRUMENTATION DIAGRAM LOW LEVEL LIQUID WASTE
108030700-J8E-8700-A019	J2.10.36	0	TARGET BUILDING – PROCESS FLOW DIAGRAM LOW LEVEL LIQUID WASTE
108030700-J8E-8700-A124	J2.10.37	E	TARGET BUILDING – PIPING AND INSTRUMENTATION DIAGRAM PCE HG REMOVAL SYSTEM – DEFERRED
108030700-J8E-8700-A125	J2.10.38	E	TARGET BUILDING – PROCESS FLOW DIAGRAM PCE HG REMOVAL SYSTEM – DEFERRED
108030700-J8E-8700-A020	J3.10.30	0	TARGET BUILDING – MONOLITH SWINGING SHIELD ASSEMBLY
108030700-J8E-8700-A126	J3.10.31	0	TARGET BUILDING – MONOLITH SWINGING SHIELD FRAME WELDMENT
108030700-J8E-8700-A127	J3.10.32	0	TARGET BUILDING – MONOLITH SWINGING SHIELD WELDMENT
108030700-J8E-8700-A128	J3.10.33	0	TARGET BUILDING – MONOLITH SWINGING SHIELD FRAME WELDMENT DETAILS
108030700-J8E-8700-A021	J3.11.36	0	TARGET BUILDING – HOT CELL ROOF TEE UPRIGHT
108030700-J8E-8700-A022	J3.11.37	0	TARGET BUILDING – HOT CELL ROOF TEE INVERTED
108030700-J8E-8700-A131	J3.14.31	0	TARGET BUILDING – HOT CELL ROOF TEE UPRIGHT Z
108030700-J8E-8700-A034	J3.15.30	0	TARGET BUILDING – PUSH-THROUGH FILTER ASSEMBLY
108030700-J8E-8700-A133	J3.15.31	0	TARGET BUILDING – FILTER SPACER
108030700-J8E-8700-A134	J3.15.32	0	TARGET BUILDING – HEPA FILTER HOUSING
108030700-J8E-8700-A135	J3.15.33	0	TARGET BUILDING – HEPA FILTER HOUSING LID
108030700-J8E-8700-A136	J3.15.34	0	TARGET BUILDING – HEPA FILTER SEAL
108030700-J8E-8700-A035	J3.16.30	0	TARGET BUILDING – GLOVEBOX LIGHT WINDOW ASSEMBLY
108030700-J8E-8700-A137	J3.16.31	0	TARGET BUILDING – WINDOW GASKET
108030700-J8E-8700-A138	J3.16.32	0	TARGET BUILDING – WINDOW CLAMPSTRIP
108030700-J8E-8700-A139	J3.16.33	0	TARGET BUILDING – WINDOW GLASS
108030700-J8E-8700-A140	J3.17.30	0	TARGET BUILDING – REMOTE HANDLED FASTENER ASSEMBLY
108030700-J8E-8700-A141	J3.17.31	0	TARGET BUILDING – REMOTE HANDLED FASTENER DETAILS
108030700-J8E-8700-A036	J3.18.30	0	TARGET BUILDING – 1000 CFM HEPA FILTER ASSEMBLY
108030700-J8E-8700-A142	J3.18.31	0	TARGET BUILDING – 1000 CFM HEPA FILTER WELDMENT
108030700-J8E-8700-A143	J3.20.37	0	TARGET BUILDING – GAGE BRACKET
108030700-J8E-8700-A144	J3.20.38	0	TARGET BUILDING – 10 INCH BAG RING COVER
108030700-J8E-8700-A039	J3.21.30	0	TARGET BUILDING – HOT CELL COOLER ASSEMBLY
108030700-J8E-8700-A145	J3.21.31	0	TARGET BUILDING – HOT CELL COOLER TUBULAR FAN MOUNTING FLANGE WELDMENT
108030700-J8E-8700-A146	J3.21.32	0	TARGET BUILDING – HOT CELL COOLER INLET WELDMENT
108030700-J8E-8700-A147	J3.21.33	0	TARGET BUILDING – HOT CELL COOLER OUTLET WELDMENT
108030700-J8E-8700-A148	J3.21.34	0	TARGET BUILDING – HX-3002 COMPONENT DRAWING
108030700-J8E-8700-A149	J3.21.35	0	TARGET BUILDING – HOT CELL COOLER OUTLET ELBOW WELDMENT
108030700-J8E-8700-A150	J3.21.36	0	TARGET BUILDING – HOT CELL COOLER SUPPORT WELDMENT
108030700-J8E-8700-A151	J3.21.37	0	TARGET BUILDING – HOT CELL COOLER WALL MOUNTING PLATE
108030700-J8E-8700-A253	J3.22.30	0	TARGET BUILDING – LLLW SAMPLING STATION ASSEMBLY
108030700-J8E-8700-A254	J3.22.31	0	TARGET BUILDING – LLLW SAMPLING STATION WELDMENT
108030700-J8E-8700-A273	J3.22.32	0	TARGET BUILDING – LLLW SAMPLER MOUNTING PLATE
108030700-J8E-8700-A255	J3.23.30	0	TARGET BUILDING – INPUT ENCLOSURE ASSEMBLY
108030700-J8E-8700-A274	J3.23.31	0	TARGET BUILDING – INPUT ENCLOSURE SUPPLEMENTAL SHIELDING
108030700-J8E-8700-A275	J3.23.32	0	TARGET BUILDING – INPUT ENCLOSURE EMBEDDED TUNNEL WELDMENT
108030700-J8E-8700-A276	J3.23.33	0	TARGET BUILDING – INPUT ENCLOSURE TUBING WELDMENT
108030700-J8E-8700-A277	J3.23.34	0	TARGET BUILDING – INPUT ENCLOSURE SHAFT
108030700-J8E-8700-A278	J3.23.35	0	TARGET BUILDING – INPUT ENCLOSURE LEFT SHIELD PANEL
108030700-J8E-8700-A279	J3.23.36	0	TARGET BUILDING – INPUT ENCLOSURE RIGHT SHIELD PANEL
108030700-J8E-8700-A280	J3.23.37	0	TARGET BUILDING – INPUT ENCLOSURE TOP SHIELD PANEL
108030700-J8E-8700-A281	J3.23.38	0	TARGET BUILDING – INPUT ENCLOSURE TOP ACCESS PLUG
108030700-J8E-8700-A282	J3.23.39	0	TARGET BUILDING – INPUT ENCLOSURE FRONT SHIELD PANEL
108030700-J8E-8700-A283	J3.25.30	0	TARGET BUILDING – INPUT ENCLOSURE ROLLING DOOR ASSEMBLY
108030700-J8E-8700-A284	J3.25.32	0	TARGET BUILDING – INPUT ENCLOSURE TRAY WELDMENT
108030700-J8E-8700-A285	J3.25.33	0	TARGET BUILDING – INPUT ENCLOSURE ROLLING DOOR WELDMENT
108030700-J8E-8700-A286	J3.25.34	0	TARGET BUILDING – INPUT ENCLOSURE DETAILS
108030700-J8E-8700-A042	J3.26.30	0	TARGET BUILDING – HOT CELL SHIELDED CLOSURE ASSEMBLY
108030700-J8E-8700-A152	J3.26.31	0	TARGET BUILDING – HOT CELL SHIELDED CLOSURE FRAME WELDMENT
108030700-J8E-8700-A153	J3.26.32	0	TARGET BUILDING – HOT CELL SHIELDED CLOSURE WELDMENT
108030700-J8E-8700-A154	J3.26.33	0	TARGET BUILDING – HOT CELL SHIELDED CLOSURE FRAME WELDMENT DETAILS
108030700-J8E-8700-A155	J3.26.34	0	TARGET BUILDING – HOT CELL SHIELDED CLOSURE LATCH HANDLE
108030700-J8E-8700-A043	J3.27.30	0	TARGET BUILDING – CASK DOCKING TEE ASSEMBLY
108030700-J8E-8700-A044	J3.27.31	0	TARGET BUILDING – CASK DOCKING TEE DETAIL
108030700-J8E-8700-A156	J3.27.32	0	TARGET BUILDING – CASK DOCKING TEE PLUG DETAIL
108030700-J8E-8700-A157	J3.27.33	0	TARGET BUILDING – CASK DOCKING TEE VENTILATION GATE SHAFT
108030700-J8E-8700-A158	J3.27.34	0	TARGET BUILDING – CASK DOCKING TEE VENTILATION GATE
108030700-J8E-8700-A159	J3.27.35	0	TARGET BUILDING – CASK DOCKING TEE TUBING WELDMENT
108030700-J8E-8700-A160	J3.27.36	0	TARGET BUILDING – CASK DOCKING TEE DETAILS
108030700-J8E-8700-A161	J3.27.37	0	TARGET BUILDING – CASK DOCKING TEE DETAILS
108030700-J8E-8700-A045	J3.28.30	B	TARGET BUILDING – 3000 CFM HEPA FILTER ASSEMBLY
108030700-J8E-8700-A162	J3.28.32	0	TARGET BUILDING – HEPA FILTER COVER WELDMENT
108030700-J8E-8700-A163	J3.28.33	0	TARGET BUILDING – HEPA FILTER LIFTING BAIL
108030700-J8E-8700-A164	J3.28.34	0	TARGET BUILDING – HEPA FILTER MOUNTING FLANGE WELDMENT
108030700-J8E-8700-A046	J3.29.30	0	TARGET BUILDING – 2000 CFM HEPA FILTER ASSEMBLY
108030700-J8E-8700-A165	J3.29.31	0	TARGET BUILDING – 2000 CFM HEPA FILTER WELDMENT
108030700-J8E-8700-A048	J3.30.34	0	TARGET BUILDING – 15 X 33 WINDOW ASSEMBLY
108030700-J8E-8700-A049	J3.31.31	E	TARGET BUILDING – ABS-8202 COMPONENT DRAWING
108030700-J8E-8700-A050	J3.32.31	0	TARGET BUILDING – ABS-2201 COMPONENT DRAWING
108030700-J8E-8700-A051	J3.33.31	D	TARGET BUILDING – HX-8203 AND HX-8204 COMPONENT DRAWING
108030700-J8E-8700-A057	J3.39.30	0	TARGET BUILDING – 4 INCH PIPING HOT CELL PENETRATION WELDMENT
108030700-J8E-8700-A168	J3.43.30	0	TARGET BUILDING – 2 INCH DOUBLE CONTAINED HOT CELL PIPE PENETRATION WELDMENT
108030700-J8E-8700-A288	J3.44.32	0	TARGET BUILDING – MANIPULATOR BOOT MONITORING PENETRATION
108030700-J8E-8700-A289	J3.44.33	0	TARGET BUILDING – SPRINKLER PIPE PENETRATION
108030700-J8E-8700-A290	J3.45.30	0	TARGET BUILDING – CHILLER PENETRATION BANK
108030700-J8E-8700-A291	J3.45.31	0	TARGET BUILDING – 1X2 PENETRATION BANK
108030700-J8E-8700-A292	J3.45.32	0	TARGET BUILDING – 2X2 PENETRATION BANK
108030700-J8E-8700-A293	J3.45.33	0	TARGET BUILDING – 1X2 AND 2X2 PENETRATION BANK ASSEMBLY
108030700-J8E-8700-A294	J3.45.34	0	TARGET BUILDING – 2X2 AND 2X2 PENETRATION BANK ASSEMBLY
108030700-J8E-8700-A295	J3.45.35	0	TARGET BUILDING – BRIDGE CRANE CABLE TRACK PENETRATION
108030700-J8E-8700-A296	J3.45.36	0	TARGET BUILDING – SERVO MANIPULATOR CABLE TRACK PENETRATION
108030700-J8E-8700-A297	J3.45.37	0	TARGET BUILDING – BRIDGE CRANE PENETRATION EMBED
108030700-J8E-8700-A298	J3.45.38	0	TARGET BUILDING – SERVOMANIPULATOR CABLE TRACK PENETRATION EMBED
108030700-J8E-8700-A299	J3.45.39	0	TARGET BUILDING – MERCURY PUMP PENETRATION BANK
108030700-J8E-8700-A300	J3.47.30	0	TARGET BUILDING – SPARE REMOVABLE PENETRATION ASSEMBLY
108030700-J8E-8700-A301	J3.47.31	0	TARGET BUILDING – SPARE REMOVABLE PENETRATION WELDMENT
108030700-J8E-8700-A302	J3.47.32	0	TARGET BUILDING – SPARE REMOVABLE PENETRATION HOT SIDE CAP
108030700-J8E-8700-A061	J3.49.32	0	TARGET BUILDING – PENETRATION EXTERNAL BAGRING WELDMENT
108030700-J8E-8700-A062	J3.49.33	0	TARGET BUILDING – COMMON PENETRATION EMBED WELDMENT
108030700-J8E-8700-A063	J3.49.35	0	TARGET BUILDING – PROTECTIVE EMBED COVER FOR CONSTRUCTION
108030700-J8E-8700-A065	J3.51.30	0	TARGET BUILDING – LOWER IN-CELL SHIELD DOOR SUBASSEMBLY
108030700-J8E-8700-A172	J3.51.31	0	TARGET BUILDING – ROLLING DOOR WHEEL DETAIL
108030700-J8E-8700-A066	J3.51.32	0	TARGET BUILDING – ROLLING DOOR WHEEL SHAFT
108030700-J8E-8700-A173	J3.51.33	0	TARGET BUILDING – ROLLING DOOR DISCONNECT PIN
108030700-J8E-8700-A256	J3.51.34	0	TARGET BUILDING – LOWER IN-CELL SHIELD DOOR DIAGONAL BRACING DETAILS
108030700-J8E-8700-A174	J3.51.35	0	TARGET BUILDING – NORTH FIXED SHIELD PANEL WELDMENT
108030700-J8E-8700-A238	J3.51.36	0	TARGET BUILDING – SOUTH FIXED SHIELD PANEL WELDMENT
108030700-J8E-8700-A239	J3.51.37	0	TARGET BUILDING – ROLLING DOOR WELDMENT
108030700-J8E-8700-A176	J3.51.39	0	TARGET BUILDING – SCREW JACK BRACKET DETAILS
108030700-J8E-8700-A177	J3.52.30	0	TARGET BUILDING – UPPER ROTATING IN-CELL SHIELD DOOR SUBASSEMBLY
108030700-J8E-8700-A178	J3.52.31	0	TARGET BUILDING – ACTUATOR CAVITY SUPPLEMENTAL SHIELDING
108030700-J8E-8700-A179	J3.52.32	0	TARGET BUILDING – UPPER ROTATING IN-CELL SHIELD DOOR WELDMENT
108030700-J8E-8700-A180	J3.52.33	0	TARGET BUILDING – HIGH BAY FLOOR COVER
108030700-J8E-8700-A181	J3.52.34	0	TARGET BUILDING – UPPER ROTATING IN-CELL SHIELD DOOR DETAILS
108030700-J8E-8700-A182	J3.52.35	0	TARGET BUILDING – UPPER ROTATING IN-CELL SHIELD DOOR SHAFT
108030700-J8E-8700-A183	J3.52.36	0	TARGET BUILDING – UPPER ROTATING IN-CELL SHIELD SHEAR SUPPORT
108030700-J8E-8700-A184	J3.52.37	0	TARGET BUILDING – UPPER ROTATING IN-CELL SHIELD DOOR SHEAR SUPPORT COVER
108030700-J8E-8700-A185	J3.52.38	0	TARGET BUILDING – UPPER ROTATING IN-CELL SHIELD DOOR EMBEDMENT DETAIL
108030700-J8E-8700-A303	J3.54.31	0	TARGET BUILDING – HEAT EXCHANGER WALL MOUNTING PLATE
108030700-J8E-8700-A067	J3.55.30	0	TARGET BUILDING – TRITIUM REMOVAL GLOVEBOX ASSEMBLY
108030700-J8E-8700-A186	J3.55.31	0	TARGET BUILDING – TRITIUM REMOVAL GLOVEBOX STAND WELDMENT
108030700-J8E-8700-A187	J3.55.32	0	TARGET BUILDING – TRITIUM REMOVAL GLOVEBOX SHELL WELDMENT
108030700-J8E-8700-A188	J3.55.33	0	TARGET BUILDING – TRITIUM REMOVAL EXTERNAL PIPING ASSEMBLY
108030700-J8E-8700-A189	J3.55.34	0	TARGET BUILDING – TRITIUM REMOVAL INTERNAL PIPING ASSEMBLY
108030700-J8E-8700-A190	J3.55.35	0	TARGET BUILDING – TRITIUM REMOVAL EXTERNAL PIPING ASSEMBLY
108030700-J8E-8700-A191	J3.55.36	0	TARGET BUILDING – XENON CRYOGENIC CARBON BED EXTERNAL SHIELDING HOUSING
108030700-J8E-8700-A192	J3.55.37	0	TARGET BUILDING – XENON CRYOGENIC CARBON BED EXTERNAL SHIELDING COVER

PROCESS (HOT CELL) (CONTINUED)

SNS DRAWING NUMBER	SHEET NO.	REV.	SHEET TITLE
108030700-J8E-8700-A068	J3.56.31	0	TARGET BUILDING – ABS-8001 AND ABS-8002 COMPONENT DRAWING
108030700-J8E-8700-A069	J3.57.31	0	TARGET BUILDING – ABS-8005 COMPONENT DRAWING
108030700-J8E-8700-A070	J3.58.31	0	TARGET BUILDING – ABS-8008 COMPONENT DRAWING
108030700-J8E-8700-A193	J3.58.32	0	TARGET BUILDING – HX-8007 COMPONENT DRAWING
108030700-J8E-8700-A071	J3.59.31	0	TARGET BUILDING – R-8004 COMPONENT DRAWING
108030700-J8E-8700-A072	J3.60.30	0	TARGET BUILDING – CASK CART ASSEMBLY
108030700-J8E-8700-A194	J3.60.31	0	TARGET BUILDING – CASK CART FRAME WELDMENT
108030700-J8E-8700-A195	J3.60.32	0	TARGET BUILDING – CASK CART FRAME WELDMENT
108030700-J8E-8700-A196	J3.60.33	0	TARGET BUILDING – CASK CART FRAME WELDMENT
108030700-J8E-8700-A197	J3.60.34	0	TARGET BUILDING – CASK CART FRAME WELDMENT
108030700-J8E-8700-A198	J3.60.35	0	TARGET BUILDING – CASK CART RAIL WELDMENT
108030700-J8E-8700-A199	J3.60.37	0	TARGET BUILDING – CASK CART TRANSLATION DRIVEN AXLE DETAIL
108030700-J8E-8700-A200	J3.60.39	0	TARGET BUILDING – CASK CART TRANSLATION IDLING AXLE DETAIL
108030700-J8E-8700-A201	J3.61.30	0	TARGET BUILDING – CASK CART ASSEMBLY
108030700-J8E-8700-A202	J3.61.31	0	TARGET BUILDING – CASK CART LOAD CELL PLUG
108030700-J8E-8700-A203	J3.61.32	0	TARGET BUILDING – CASK CART GUIDE ROD
108030700-J8E-8700-A204	J3.61.33	0	TARGET BUILDING – CASK CART FLANGED WHEEL DETAIL
108030700-J8E-8700-A205	J3.61.34	0	TARGET BUILDING – CASK CART WHEEL DETAIL
108030700-J8E-8700-A206	J3.61.35	0	TARGET BUILDING – CASK CART GUIDE ROD BEARING DETAIL
108030700-J8E-8700-A207	J3.61.36	0	TARGET BUILDING – CASK CART FRONT LIFTING AXLE GUARD
108030700-J8E-8700-A208	J3.61.37	0	TARGET BUILDING – CASK CART SIDE LIFTING AXLE GUARD
108030700-J8E-8700-A209	J3.61.38	0	TARGET BUILDING – CASK CART TRANSLATION AXLE GUARD
108030700-J8E-8700-A210	J3.62.31	0	TARGET BUILDING – BOTTOM LOADING SYSTEM PLUG DETAIL
108030700-J8E-8700-A211	J3.62.33	0	TARGET BUILDING – BOTTOM LOADING SYSTEM PLATFORM WELDMENT
108030700-J8E-8700-A212	J3.62.34	0	TARGET BUILDING – CASK CART BOLTED SHIELD RING
108030700-J8E-8700-A073	J3.63.31	0	TARGET BUILDING – TNK-8401 COMPONENT DRAWING
108030700-J8E-8700-A213	J3.63.32	0	TARGET BUILDING – FLTR-8404 AND FLTR-8407 COMPONENT DRAWING
108030700-J8E-8700-A214	J3.64.31	0	TARGET BUILDING – CASK CART CASK SUPPORT FRAME WELDMENT
108030700-J8E-8700-A215	J3.64.32	0	TARGET BUILDING – CASK CART CASK SUPPORT FRAME WELDMENT
108030700-J8E-8700-A263	J3.99.30	0	TARGET BUILDING – HOT CELL – FIRE SUPRESSION PLAN
108030700-J8E-8700-A264	J3.99.31	0	TARGET BUILDING – HOT CELL – FIRE SUPRESSION SECTIONS AND DETAILS
108030700-J8E-8700-A225	J5.01.45	0	TARGET BUILDING – PIPING PLAN INSTRUMENT LEVEL, SECTOR 45
108030700-J8E-8700-A226	J5.02.45	0	TARGET BUILDING – PIPING PLAN MEZZANINE LEVEL, SECTOR 45
108030700-J8E-8700-A227	J5.10.30	0	TARGET BUILDING – PIPING SECTION INSTRUMENT LEVEL, SECTOR 45
108030700-J8E-8700-A228	J5.10.34	0	TARGET BUILDING – BOTTOM LOADING ROOM PARTIAL PLAN AND SECTION
108030700-J8E-8700-A229	J5.10.35	0	TARGET BUILDING – HG ADSORBERS PIPING PARTIAL PLAN AND SECTION
108030700-J8E-8700-A230	J5.10.36	0	TARGET BUILDING – LLLW PARTIAL PLAN AND SECTION
108030700-J8E-8700-A231	J5.10.37	0	TARGET BUILDING – GOLD AMALGAMATION PARTIAL PLAN AND SECTION
108030700-J8E-8700-A232	J5.10.38	0	TARGET BUILDING – TRITIUM REMOVAL PARTIAL PLAN AND SECTION
108030700-J8E-8700-A233	J5.10.39	0	TARGET BUILDING – LLLW SECTIONS
108030700-J8E-8700-A234	J5.20.30	0	TARGET BUILDING – PIPING ELEVATION INSTRUMENT LEVEL, SECTOR 45
108030700-J8E-8700-A235	J5.20.35	0	TARGET BUILDING – PIPING ELEVATIONS INSTRUMENT LEVEL, SECTOR 45
108030700-J8E-8700-A237	J5.20.37	0	TARGET BUILDING – PIPE SUPPORT BRACKET WELDMENT
108030700-J8E-8700-A304	J5.20.38	0	TARGET BUILDING – LLLW SHIELDED PIPE SUPPORT
108030700-J8E-8700-A240	J5.B1.45	0	TARGET BUILDING – PIPING PLAN BASEMENT LEVEL SECTOR 45
108030700-J8E-8700-A241	J5.B1.46	0	TARGET BUILDING – PIPING PLAN BASEMENT LEVEL, SECTOR 46
108030700-J8E-8700-A265	J6.02.45	0	TARGET BUILDING – LIGHTING PLAN MEZZANINE LEVEL SECTOR 45
108030700-J8E-8700-A257	J6.20.30	0	TARGET BUILDING – HOT CELL & GALLERY NORTH ELEV. INSTRUMENT LEVEL, SECTOR 45
108030700-J8E-8700-A258	J6.20.31	0	TARGET BUILDING – HOT CELL & GALLERY SOUTH ELEV. INSTRUMENT LEVEL, SECTOR 45
108030700-J8E-8700-A259	J6.30.31	0	TARGET BUILDING – AUXILIARY ARRANGEMENT PLAN INSTRUMENT LEVEL SECTOR 45
108030700-J8E-8700-A260	J6.30.32	0	TARGET BUILDING – POWER PLAN INSTRUMENT LEVEL SECTOR 45
108030700-J8E-8700-A261	J6.30.33	0	TARGET BUILDING – POWER ELEVATION INSTRUMENT LEVEL SECTOR 45
108030700-J8E-8700-A078	J7.01.45	0	TARGET BUILDING – MECH. EQUIPMENT INSTALLATION INSTR. LEVEL PLAN, SECTOR 45
108030700-J8E-8700-A079	J7.02.45	0	TARGET BUILDING – MECH. EQUIPMENT INSTALLATION MEZZ. LEVEL PLAN, SECTOR 45
108030700-J8E-8700-A242	J7.03.45	0	TARGET BUILDING – MECH. EQUIPMENT INSTALLATION HIGH BAY PLAN, SECTOR 45
108030700-J8E-8700-A080	J7.10.30	0	TARGET BUILDING – MECH. EQUIPMENT INSTALLATION INSTR. LEV. SECTIONS, SECTOR 45
108030700-J8E-8700-A081	J7.10.32	0	TARGET BUILDING – MECH. EQUIPMENT INSTALLATION BASEMENT LEVEL SECTIONS
108030700-J8E-8700-A084	J7.20.30	0	TARGET BUILDING – MECH. EQUIPMENT INSTALLATION INSTR. LEVEL ELEV., SECTOR 45
108030700-J8E-8700-A085	J7.20.32	0	TARGET BUILDING – MECH. EQUIPMENT INSTALLATION BASEMENT LEVEL ELEVATIONS
108030700-J8E-8700-A243	J7.20.34	0	TARGET BUILDING – MECH. EQUIPMENT INSTALLATION INSTR. LEVEL ELEV., SECTOR 45
108030700-J8E-8700-A087	J7.B1.45	0	TARGET BUILDING – MECH. EQUIPMENT INSTALLATION BASEMENT LEVEL PLAN, SECTOR 45
108030700-J8E-8700-A088	J7.B1.46	0	TARGET BUILDING – MECH. EQUIPMENT INSTALLATION BASEMENT LEVEL PLAN, SECTOR 46
108030700-J8E-8700-A090	J8.01.45	0	TARGET BUILDING – LINER PLAN INSTRUMENT LEVEL, SECTOR 45
108030700-J8E-8700-A244	J8.02.45	0	TARGET BUILDING – LINER PLAN MEZZANINE LEVEL, SECTOR 45
108030700-J8E-8700-A091	J8.10.30	0	TARGET BUILDING – LINER SECTIONS SECTOR 45
108030700-J8E-8700-A092	J8.20.30	0	TARGET BUILDING – LINER ELEVATIONS SECTOR 45
108030700-J8E-8700-A093	J8.30.30	0	TARGET BUILDING – LINER CEILING PLAN INSTRUMENT LEVEL, SECTOR 45
108030700-J8E-8700-A095	J9.02.45	0	TARGET BUILDING – EMBEDMENT LOCATION PLAN MEZZANINE LEVEL, SECTOR 45
108030700-J8E-8700-A245	J9.03.45	0	TARGET BUILDING – EMBEDMENT LOCATION PLAN HIGH BAY LEVEL, SECTOR 45
108030700-J8E-8700-A096	J9.10.30	0	TARGET BUILDING – EMBEDMENT LOCATION SECTIONS INSTRUMENT LEVEL, SECTOR 45
108030700-J8E-8700-A262	J9.10.37	0	TARGET BUILDING – EMBEDMENT LOCATION DETAILS
108030700-J8E-8700-A097	J9.20.30	0	TARGET BUILDING – EMBEDMENT LOCATION ELEVATIONS INSTRUMENT LEVEL, SECTOR 45
108030700-J8E-8700-A246	J9.20.33	0	TARGET BUILDING – EMBEDMENT LOCATION ELEVATIONS INSTRUMENT LEVEL, SECTOR 45
108030700-J8E-8700-A098	J9.30.30	0	TARGET BUILDING – EMBEDMENT LOC. CEILING PLAN INSTRUMENT LEVEL, SECTOR 45
108030700-J8E-8700-A247	J9.40.30	D	TARGET BUILDING – EMBEDMENT LOCATION GRID HOT CELL PLAN
108030700-J8E-8700-A248	J9.40.31	D	TARGET BUILDING – EMBEDMENT LOCATION GRID HOT CELL SECTIONS
108030700-J8E-8700-A249	J9.40.32	D	TARGET BUILDING – EMBEDMENT LOCATION GRID HOT CELL ELEVATIONS

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SECTION AND DETAIL KEY: NUMBER OF SECTION OR DETAIL / DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

THIS DOCUMENT CONTROLLED BY CHANGE CONTROL SYSTEM 3
ENGINEERING PROCEDURE SNS-ENG-G001

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
0				CERTIFIED FOR CONSTRUCTION – 10/26/01	BKS	JJB				11/15/01		11/13/01				11/13/01	JJB	23236	10/26/01

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK: ST CV EC EE EM IE M PD SE AR

RPE — Seal: JOHN BUSCH, REGISTERED ENGINEER, AGRICULTURE COMMERCE NO. 23236, STATE OF TENNESSEE

DSN	T. WONG	10/26/01
DRW	B. SMITH	10/26/01
CHK	J. BUSCH	10/26/01
DEPT		
PE		11/15/01
PJ		11/13/01
REQ		

REV. 0 DATE 10/26/01 UTB 11/13/01 — DRAWING APPROVALS

108030000-G8E-8000-A011

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Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC, Oak Ridge, Tennessee

PROJECT NAME: SPALLATION NEUTRON SOURCE

TARGET BUILDING
PROJECT SHEET INDEX
SHEET 2 OF 3

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	G	X	X	8	8000		1	1	G	U

51	52	53	WBS		REV
NC	NA		1.8.3	G1.20.31	0

Date: 10/25/2001 Time: 17:07:37
Username: SMITHBK
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