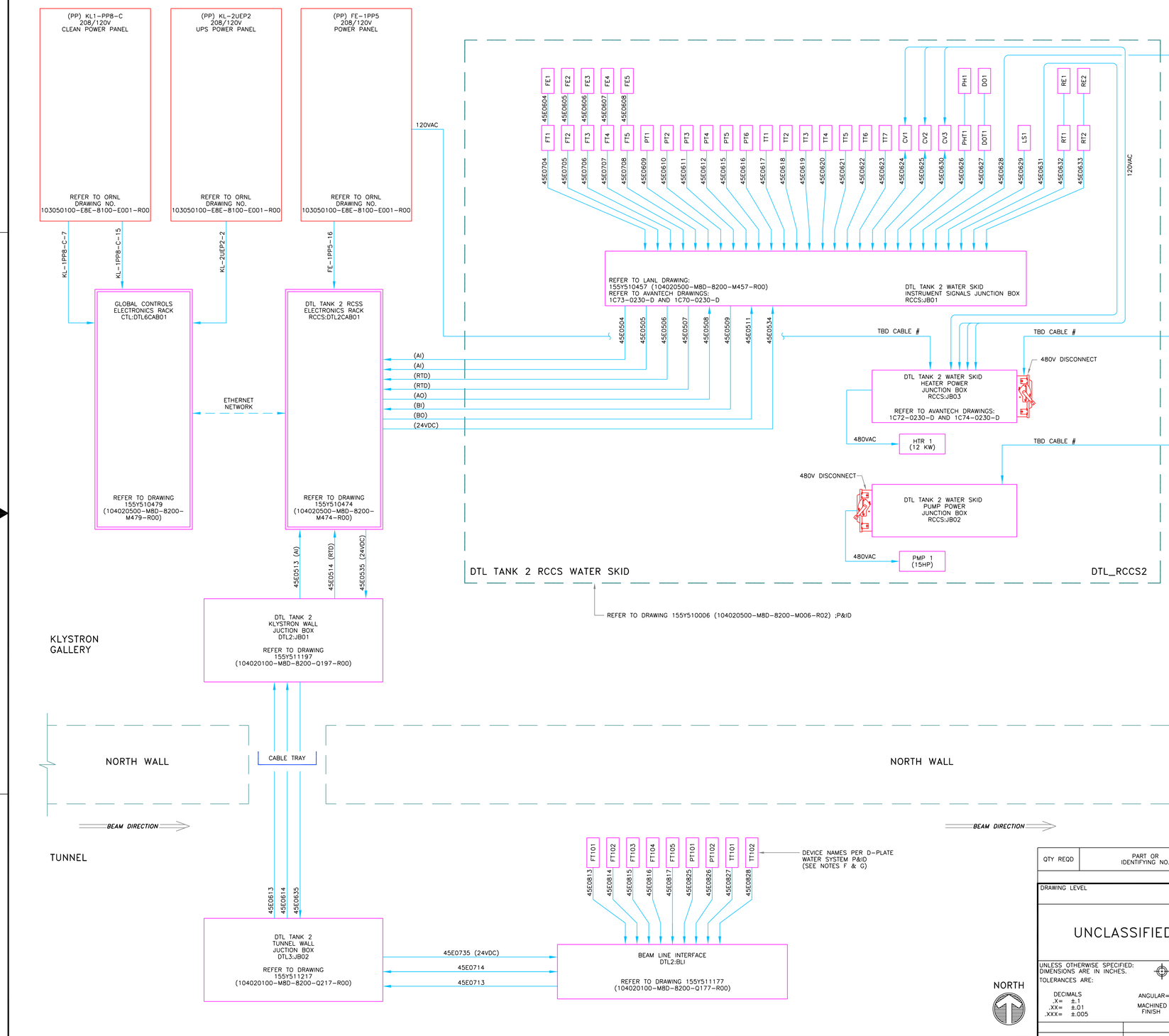
REVISIONS						
ZONE	REV	DESCRIPTION	CHANGED BY	DATE	CLASS REVIEW	APPROVED
–	A	ORIGINAL ISSUE	–	09/12/02	NR	MAB
	B	REVISE CABLE AND DRAWING NO.'S – REF ECN 237	MAB	11/18/02	NR	J. GIOIA



GENERAL NOTES

A. WIRE DATABASE; REFER TO DRAWING
155Y510450 (104020500-M8D-8200-M450-R00)
155Y511146 (104020100-M8D-8200-Q146-R00)

B. FACILITY LAYOUT DRAWING; REFER TO DRAWING
104000000-G8E-A006-R04

C. DTL2 WATER SYSTEM P&ID DRAWING; REFER TO DRAWINGS
155Y510002 (104020500-M8D-8200-M002-R00)
155Y510004 (104020500-M8D-8200-M004-R00)
155Y510010 (104020500-M8D-8200-M010-R00)
155Y510016 (104020500-M8D-8200-M016-R00)

D. REFER TO EQUIPMENT MANUALS FOR SPECIFIC CONNECTION DETAILS.

E. D-PLATE WATER SYSTEM P&ID DRAWING:
155Y521902 REV. C (104050000-I8D-8200-8902-R02)

F. FT101 – BY-PASS FLOW (FT201)
FT102 – QUADRUPOLE MAGNET FLOW (FT202)
FT103 – CARBON SLITS FLOW (FT203)
FT104 – FARADAY CUP FLOW (FT204)
FT105 – BEAM STOP FLOW (FT205)

G. PT101 – WATER MANIFOLD RETURN PRESSURE (PT201)
PT102 – WATER MANIFOLD SUPPLY PRESSURE (PT202)
TT101 – WATER MANIFOLD RETURN TEMPERATURE (TT201)
TT102 – WATER MANIFOLD SUPPLY TEMPERATURE (TT202)

H. DTL2 WATER MANIFOLD REFERENCE DRAWINGS:
155Y510108 (104020500-M8D-8200-M108-R02); TOP ASSEMBLY.
155Y510022-2 (104020500-M8D-8200-M022-R03); SUPPLY MANIFOLD
155Y510036-1 (104020500-M8D-8200-M036-R00); RETURN MANIFOLD.

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO

PARTS LIST/BILL OF MATERIAL

DRAWING LEVEL

UNCLASSIFIED

TASK CONTRACTOR
TECHNICAL DESIGN INC.

CAD SYSTEM & VER.
AUTOCAD V2000

SEE FINAL DESIGN AUTHORIZATION SHEET FOR SIGNATURES.SHEET IS FILED BY DRAWING NUMBER AT THE SNS PROJECT OFFICE.

Los Alamos SNS DIVISION
Los Alamos National Laboratory
Los Alamos,New Mexico 87545

PROJECT
SPALLATION NEUTRON SOURCE SNS

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS
.X= ±.1
.XX= ±.01
.XXX= ±.005
ANGULAR= ±.25°
MACHINED FINISH = 125

	APPROVALS	DATE	GROUP
DESIGNED	J. BERNARDIN	09/12/02	SNS-3
DRAWN	M. BRAMBILA	07/31/02	N/A
CHECKED	P. MARROQUIN	09/12/02	SNS-4
ENGINEERING	J. GIOIA	09/12/02	SNS-3
VACUUM	N/A	–	–
PHYSICS	N/A	–	–
APPROVED	J. BERNARDIN	09/12/02	SNS-3

NEXT ASSEMBLY USED ON
APPLICATION

DTL D-PLATE WATER COOLING SYSTEM TANK 2 SYSTEM BLOCK DIAGRAM

SIZE D | CAGE CODE | DWG NO. & CAD FILENAME 155Y511151 | REV B

SCALE NONE | DO NOT SCALE | SHEET 1 OF 1

SNS DWG No.
104020100-M8D-8200-Q151-R01