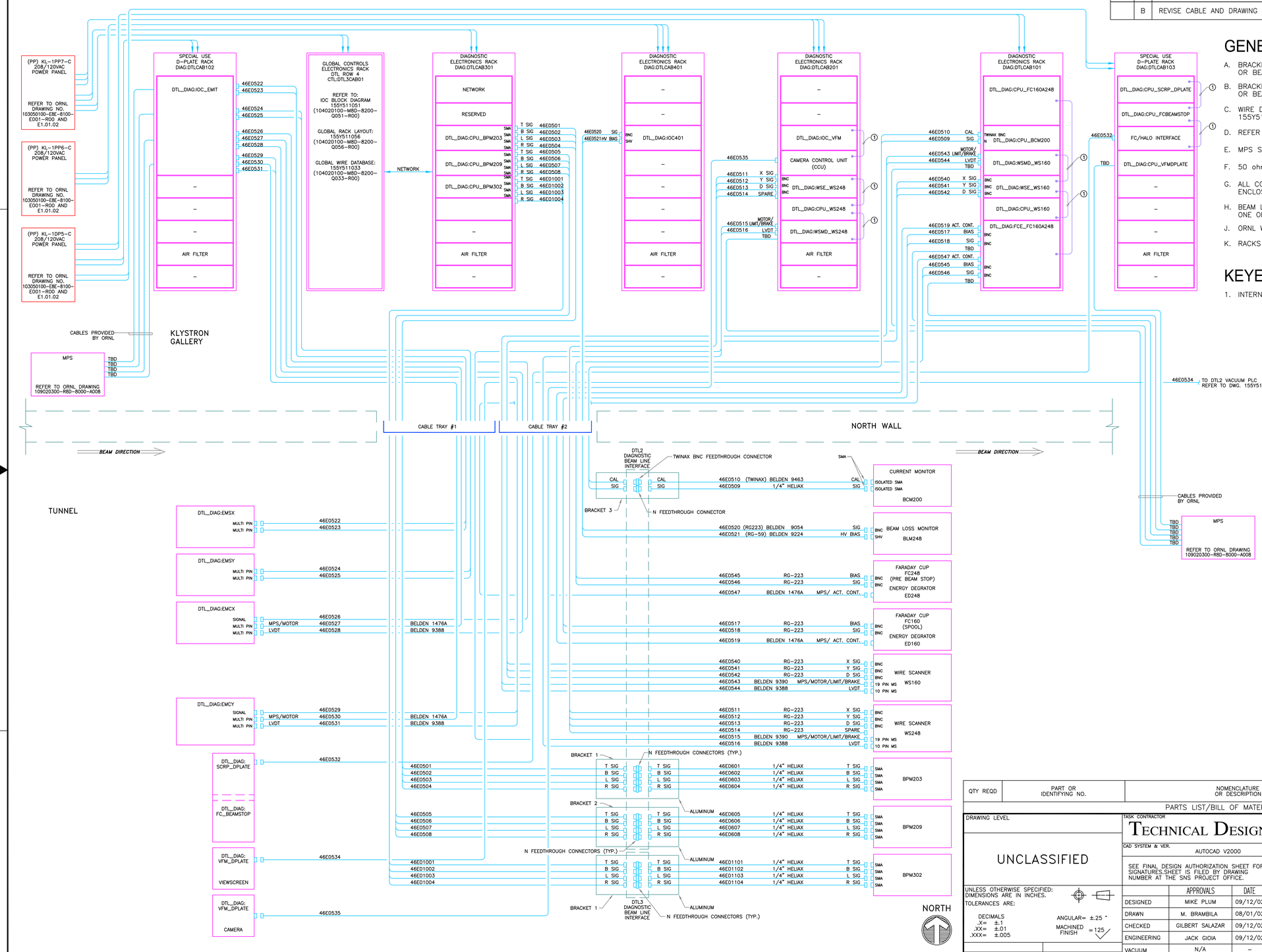
REVISIONS							
ZONE	REV	DESCRIPTION	CHANGED BY	DATE	CLASS REVIEW	APPROVED
–	A	ORIGINAL ISSUE	–	09/12/02	NR	MAB
	B	REVISE CABLE AND DRAWING NO.'S – REF ECN 239	MAB	11/18/02	NR	J. GIOIA



GENERAL NOTES

A. BRACKET 1 AND 2; ALUMINUM, MOUNTED TO SUPPORT STAND OR BEAM LINE INTERFACE.

B. BRACKET 3; G11, MOUNTED TO SUPPORT STAND OR BEAM LINE INTERFACE.

C. WIRE DATA BASE: REFER TO DRAWING 155Y511166 (104020100–M8D–8200–Q166–R00)

D. REFER TO EQUIPMENT MANUALS FOR SPECIFIC CONNECTION DETAILS.

E. MPS SIGNALS ARE 24VDC.

F. 50 ohm TERMINATION INSTALLED AT SPARE CABLE END IN RACK.

G. ALL COAX, HELIAX AND TWINAX CABLES SHALL BE IN METAL GUTTER ENCLOSURE TO RACKS AND BEAMLINE INTERFACE.

H. BEAM LOSS MONITOR HIGH VOLTAGE (HV) WILL BE DAISY CHAINED FORM ONE OR TWO HIGH VOLTAGE POWER SUPPLIES. TBD AT TIME OF INSTALLATION.

J. ORNL WILL CONTROL BEAM LINE GATE VALVE AND SPOOL PIECE GATE VALVE.

K. RACKS SHOW ONLY D–PLATE EQUIPMENT.

KEYED NOTE

1. INTERNAL WIRE.

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

PARTS LIST/BILL OF MATERIAL

DRAWING LEVEL

UNCLASSIFIED

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

NEXT ASSEMBLY USED ON
APPLICATION

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.

	APPROVALS	DATE	GROUP
DESIGNED	MIKE PLUM	09/12/02	SNS–DO
DRAWN	M. BRAMBILA	08/01/02	N/A
CHECKED	GILBERT SALAZAR	09/12/02	SNS–4
ENGINEERING	JACK GIOIA	09/12/02	SNS–3
VACUUM	N/A	–	–
PHYSICS	MIKE PLUM	09/12/02	SNS–DO
APPROVED	MIKE PLUM	09/12/02	SNS–DO

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

PROJECT
SPALLATION NEUTRON SOURCE SNS

DTL D–PLATE ELECTRICAL DIAGNOSTIC BLOCK DIAGRAM

SIZE D | CAGE CODE | DWG NO. & CAD FILENAME 155Y511171 | REV B

SCALE NONE | DO NOT SCALE | SHEET 1 OF 1

SNS DWG No.
104020100–M8D–8200–Q171–R01