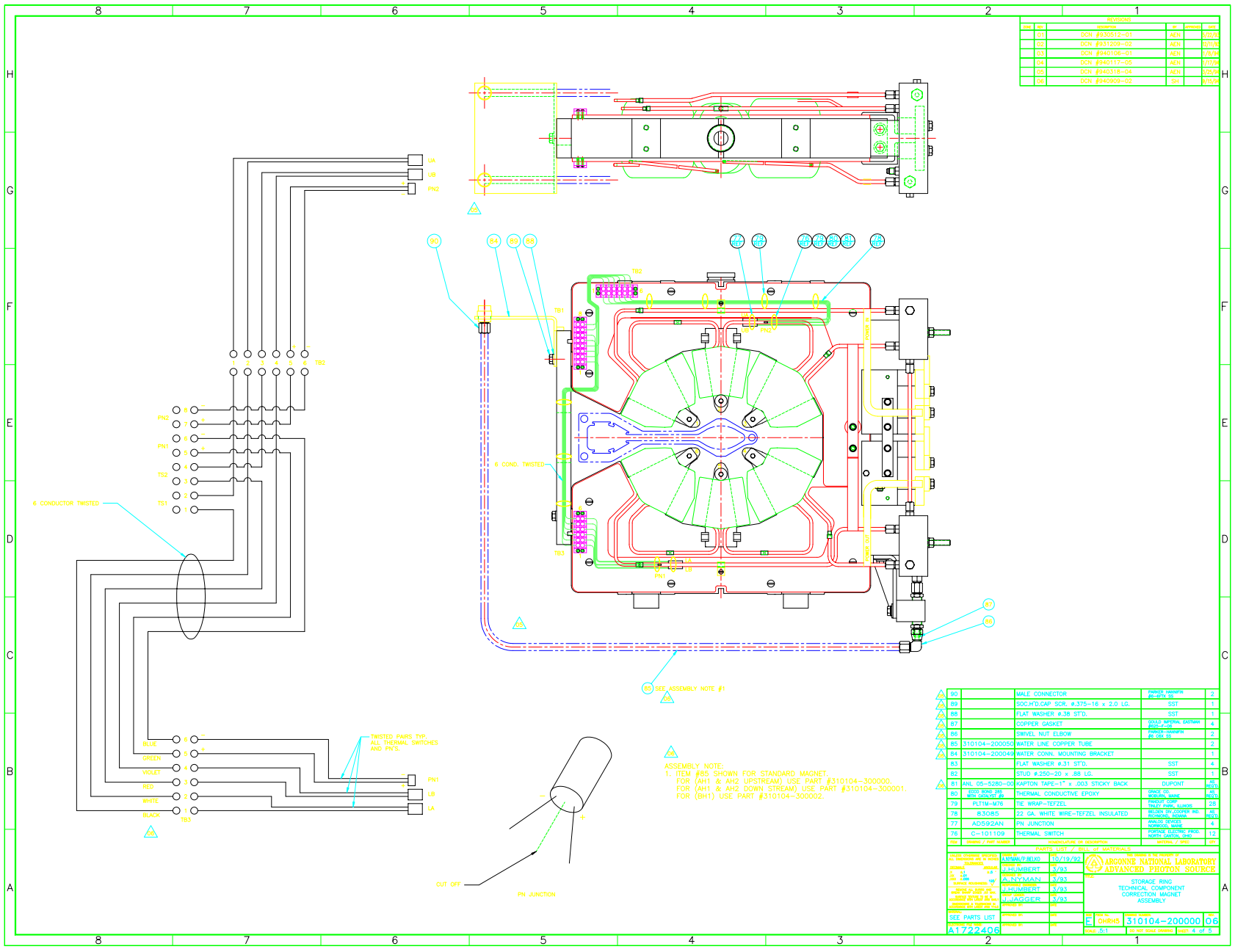
# SHEET 4 OF 5



REVISIONS
ZONE | REV | DESCRIPTION | BY | APPROVED | DATE
01 | DCN #930512-01 | AEN | 5/22/93
02 | DCN #931209-02 | AEN | 12/11/93
03 | DCN #940106-01 | AEN | 1/6/94
04 | DCN #940117-05 | AEN | 1/17/94
05 | DCN #940318-04 | AEN | 3/25/94
06 | DCN #940909-02 | SH | 9/15/94
UA
UB
PN2
TB2
PN1
TS2
TS1
6 CONDUCTOR TWISTED
TWISTED PAIRS TYP. ALL THERMAL SWITCHES AND PN'S.
BLUE
GREEN
VIOLET
RED
WHITE
BLACK
TB3
LB
LA
CUT OFF
PN JUNCTION
90
84
89
88
TB1
TB2
TB3
6 COND. TWISTED
POWER IN
POWER OUT
87
86
85 SEE ASSEMBLY NOTE #1
ASSEMBLY NOTE:
1. ITEM #85 SHOWN FOR STANDARD MAGNET.
FOR (AH1 & AH2 UPSTREAM) USE PART #310104-300000.
FOR (AH1 & AH2 DOWN STREAM) USE PART #310104-300001.
FOR (BH1) USE PART #310104-300002.
90 | MALE CONNECTOR | PARKER HANNIFIN #6-6FTX SS | 2
89 | SOC.H'D.CAP SCR. ø.375-16 x 2.0 LG. | SST | 1
88 | FLAT WASHER ø.38 ST'D. | SST | 1
87 | COPPER GASKET | GOULD IMPERIAL EASTMAN #GS-F-C6 | 4
86 | SWIVEL NUT ELBOW | PARKER-HANNIFIN #6 C6X SS | 2
85 | 310104-200050 | WATER LINE COPPER TUBE | | 2
84 | 310104-200049 | WATER CONN. MOUNTING BRACKET | | 1
83 | FLAT WASHER ø.31 ST'D. | SST | 4
82 | STUD ø.250-20 x .88 LG. | SST | 1
81 | ANL 05-5280-00 | KAPTON TAPE-1" x .003 STICKY BACK | DUPONT | AS REQ'D
80 | ECCO BOND 285 WITH CATALYST #9 | THERMAL CONDUCTIVE EPOXY | GRACE CO. WOBURN, MAINE | AS REQ'D
79 | PLT1M-M76 | TIE WRAP-TEFZEL | PANDUIT CORP TINLEY PARK, ILLINOIS | 28
78 | 83085 | 22 GA. WHITE WIRE-TEFZEL INSULATED | BELDEN DIV.COOPER IND. RICHMOND, INDIANA | AS REQ'D
77 | AD592AN | PN JUNCTION | ANALOG DEVICES NORWOOD, MAINE | 4
76 | C-101109 | THERMAL SWITCH | FORTAGE ELECTRIC PROD. NORTH CANTON, OHIO | 12
ITEM | DRAWING / PART NUMBER | NOMENCLATURE OR DESCRIPTION | MATERIAL / SPEC | QTY
PARTS LIST / BILL OF MATERIALS
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES
DECIMALS ± 0.1 ANGLES ± 0.5
DIMENSIONS ± 0.005 ± 1/32
SURFACE ROUGHNESS 125
ALL SHARP EDGES ARE ROUGHNESS 125 OR BETTER ALL SHARP EDGES ARE ROUGHNESS 125 OR BETTER ALL SHARP EDGES ARE ROUGHNESS 125 OR BETTER
DRAWN BY: A.NYMAN/P.BELKO | DATE: 10/19/92
CHECKED BY: J.HUMBERT | DATE: 3/93
APPROVED BY: A.NYMAN | DATE: 3/93
APPROVED BY: J.HUMBERT | DATE: 3/93
APPROVED BY: J.JAGGER | DATE: 3/93
APPROVED BY: | DATE:
APPROVED BY: | DATE:
SIZE: SEE PARTS LIST
A1722406
DO NOT SCALE DRAWING
ARGONNE NATIONAL LABORATORY
ADVANCED PHOTON SOURCE
TITLE: STORAGE RING TECHNICAL COMPONENT CORRECTION MAGNET ASSEMBLY
SIZE: E | PART No: OHRH5 | DRAWING NUMBER: 310104-200000 | REV: 06
SCALE: 5:1 | DO NOT SCALE DRAWING | SHEET 4 of 5