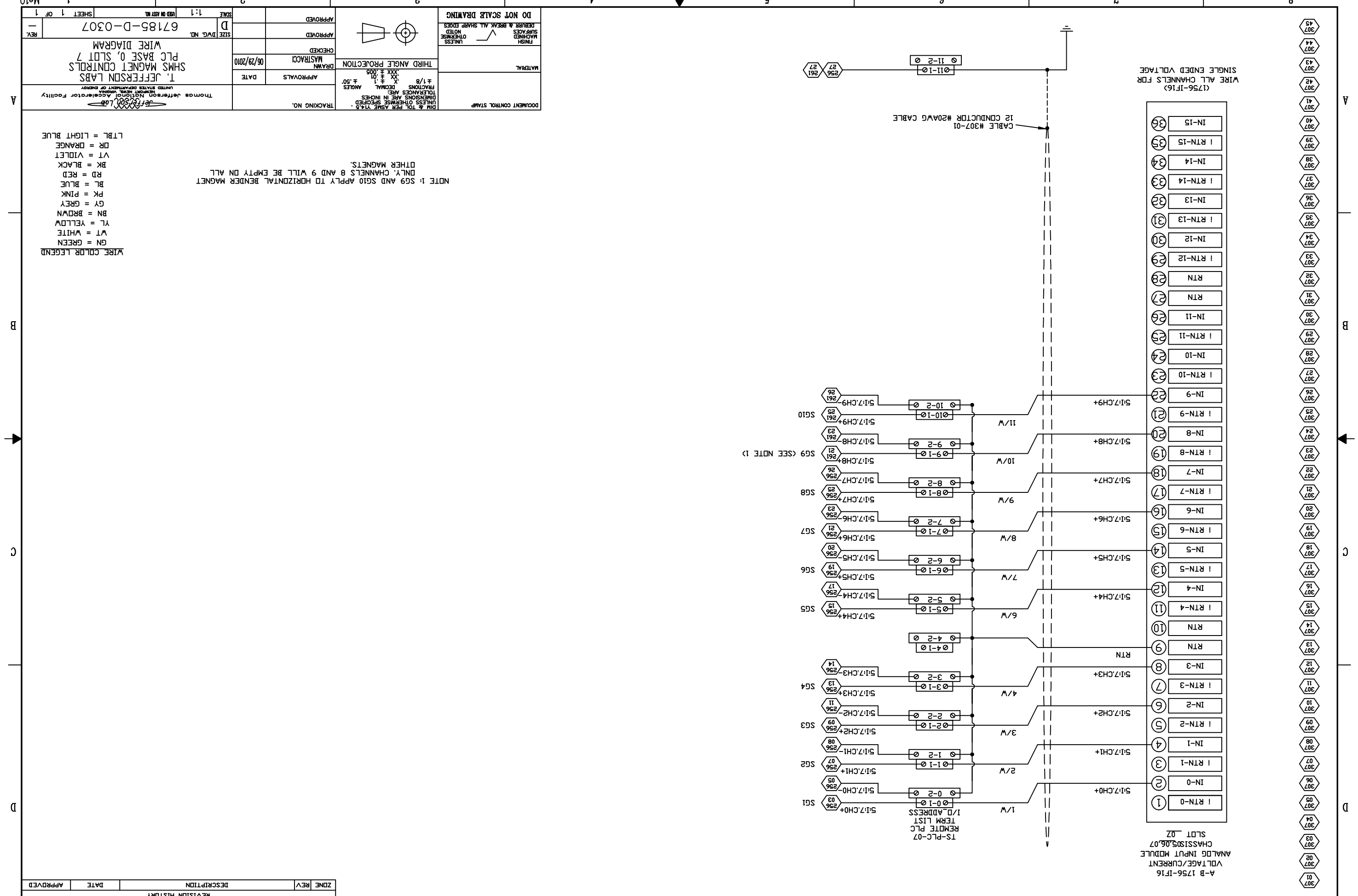
A-B 1756-IF16
VOLTAGE/CURRENT
ANALOG INPUT MODULE
CHASSIS05,06,07
SLOT 07
TS-PLC-07
REMOTE PLC
TERM LIST
I/O_ADDRESS
I RTN-0
IN-0
I RTN-1
IN-1
I RTN-2
IN-2
I RTN-3
IN-3
RTN
RTN
RTN
I RTN-4
IN-4
I RTN-5
IN-5
I RTN-6
IN-6
I RTN-7
IN-7
I RTN-8
IN-8
I RTN-9
IN-9
I RTN-10
IN-10
I RTN-11
IN-11
RTN
RTN
I RTN-12
IN-12
I RTN-13
IN-13
I RTN-14
IN-14
I RTN-15
IN-15
(1756-IF16)
WIRE ALL CHANNELS FOR
SINGLE ENDED VOLTAGE
CABLE #307-01
12 CONDUCTOR #20AWG CABLE
011-1
256
27
261
27
1/W
2/W
3/W
4/W
6/W
7/W
8/W
9/W
10/W
11/W
RTN
5:I:7.CH0+
5:I:7.CH1+
5:I:7.CH2+
5:I:7.CH3+
5:I:7.CH4+
5:I:7.CH5+
5:I:7.CH6+
5:I:7.CH7+
5:I:7.CH8+
5:I:7.CH9+
0-1
0-2
1-1
1-2
2-1
2-2
3-1
3-2
4-1
4-2
5-1
5-2
6-1
6-2
7-1
7-2
8-1
8-2
9-1
9-2
10-1
10-2
SG1
SG2
SG3
SG4
SG5
SG6
SG7
SG8
SG9 (SEE NOTE 1)
SG10
5:I:7.CH0-
5:I:7.CH1-
5:I:7.CH2-
5:I:7.CH3-
5:I:7.CH4-
5:I:7.CH5-
5:I:7.CH6-
5:I:7.CH7-
5:I:7.CH8-
5:I:7.CH9-
NOTE 1: SG9 AND SG10 APPLY TO HORIZONTAL BENDER MAGNET
ONLY, CHANNELS 8 AND 9 WILL BE EMPTY ON ALL
OTHER MAGNETS.
WIRE COLOR LEGEND
GN = GREEN
WT = WHITE
YL = YELLOW
BN = BROWN
GY = GREY
PK = PINK
BL = BLUE
RD = RED
BK = BLACK
VT = VIOLET
OR = ORANGE
LTBL = LIGHT BLUE
DOCUMENT CONTROL STAMP
MATERIAL
FINISH
UNLESS OTHERWISE NOTED
SURFACES
DEBURR & BREAK ALL SHARP EDGES
DIM & TOL PER ASME Y14.5
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS ±1/8
DECIMAL .XX ±.1 .XXX ±.01 .XXXX ±.005
ANGLES ±.50°
THIRD ANGLE PROJECTION
TRACKING NO.
APPROVALS
DATE
DRAWN
MASTRACCI
06/29/2010
CHECKED
APPROVED
APPROVED
APPROVED
DO NOT SCALE DRAWING
Thomas Jefferson National Accelerator Facility
Jefferson Lab
NEWPORT NEWS, VIRGINIA
UNITED STATES DEPARTMENT OF ENERGY
T. JEFFERSON LABS
SHMS MAGNET CONTROLS
PLC BASE 0, SLOT 7
WIRE DIAGRAM
SIZE D
DWG NO. 67185-D-0307
REV —
SCALE 1:1
USED ON ASST NO.
SHEET 1 OF 1
REVISION HISTORY
ZONE | REV | DESCRIPTION | DATE | APPROVED