VXI "D" CRATE
TRIGGER SUPERVISOR
Rack: C2-6

OUTPUT PORT

1A0
1
2
3
4
5
6
7
8
2A
3A
CLR
2S
3S
EN1
LV1
BUSY
OR1
GO
NC

Outputs are Single Ended ECL signals. Use coaxial connection.

seECL / NIM

PATCH PANEL C2-6

FORWARD CARRIAGE

NIM Pulse Input
RG-8 Cable from
Forward Carriage

NIM BIN
RACK: L2-10

DELAY GENERATOR
DG535

TRIG IN

[1877 STOP]

[HBTG]

Coax

SHEET 9
FANOUT
sECL TO diffECL

P1

P2
P3
P4
P5
P6 Spare
P7 Spare
P8 Spare
P9

NIM BIN
RACK: L2-10

Twinaxial Cables

Space Frame Deck 2
[TDC STOP]
Fastbus Signal Distribution Boards

P2 J7 FastBus Crate DC Top;Rack L2-7;
P3 J7 FastBus Crate DC Bot;Rack L2-7;
P4 J7 FastBus Crate DC Top;Rack L2-7;
P5 J7 FastBus Crate DC Bot;Rack L2-7;

Coax

SHEET 8
FANOUT
sECL TO sECL

P1

P2
P3
P4
P5
P6
P7
P8 Spare

NIM BIN
RACK: L2-10

RG58 COAX

Space Frame Deck 2
[HIT BIT TRIGGER GATE]
TRIGGER CALIBRATION INTERFACE [TCI]

P2 HBTG [TCI] ADB Crate(Bot); Rack L2-6 Sector 6
P3 HBTG [TCI] ADB Crate(Mid); Rack L2-6 Sector 1
P4 HBTG [TCI] ADB Crate(Top); Rack L2-6 Sector 2
P5 HBTG [TCI] ADB Crate(Top); Rack L2-8 Sector 3
P6 HBTG [TCI] ADB Crate(Bot); Rack L2-8 Sector 5
P7 HBTG [TCI] ADB Crate(Mid); Rack L2-8 Sector 4

Trigger Signal Distribution
to
Space Frame Deck2 [Drift Chamber Region I]

CEBAF
Continuous Electron Beam Accelerator Facility
United States Department of Energy
Newport News, Virginia

Fast Electronics Group

Title: Hall B Trigger Fanout Block Diagram

Engr. Cuevas
Dfts.
Appr.
Date 31 OCTOBER 1996

Size B | Number | Rev

Filename SHEET E | Sheet of