TRANSFER LINE DEFINITIONS
(MAB SENSORS)

06.11.01

R14MA.01.01.00D

T1

(R=7250)
(Φ=14.052°)

CMS X = 7033.049
Y = 1760.317
Z = ± 6650.000

Z SENSOR
X = 6951.956
Y = 2024.328
R = 7240.7
Φ = 16.235

CMS

R14MA.02.01.00D

T2

(R=7250)
(Φ=74.099°)

CMS X = 1986.326
Y = 6972.590
Z = ± 6650.000

Z SENSOR
X = 2070.671
Y = 6939.63
R = 7242.0
Φ = 73.386°

CMS

MA-03.01.00C

T3

(R=7250)
(Φ=135.901°)

CMS X = -5206.504
Y = 5045.277
Z = ± 6650.000

Z SENSOR
X = -5263.07
Y = 4974.56
R = 7242.0
Φ = 136.614°

CMS

T4

MA-04.01.00C

(R=7250)
(Φ=195.948°)

CMS X = -6970.958
Y = -1992.045
Z = ±6650.000

Z SENSOR
X = -7032.733
Y = -1722.861
R = 7240.7
Φ = 193.765

CMS

06.11.01

TRANSFER LINE DEFINITIONS

T5 MA-05.01.00C

Cms X = -1992.045
Y = -6970.958
Z = ±6650.000

(R=7250)
Φ=254.052°)

Z SENSOR
Cms X = -2182.642
Y = -6969.535
R = 7246.1
Φ = 252.469°

T6 MA-06.01.00C

Cms X = 5045.277
Y = -5206.504
Z = ± 6650.000

(R=7250
Φ=314.099°)

Z SENSOR
Cms X = 4974.566
Y = -5263.072
R = 7242.0
Φ = 313.386°

FERMILAB
ENGINEERING NOTE

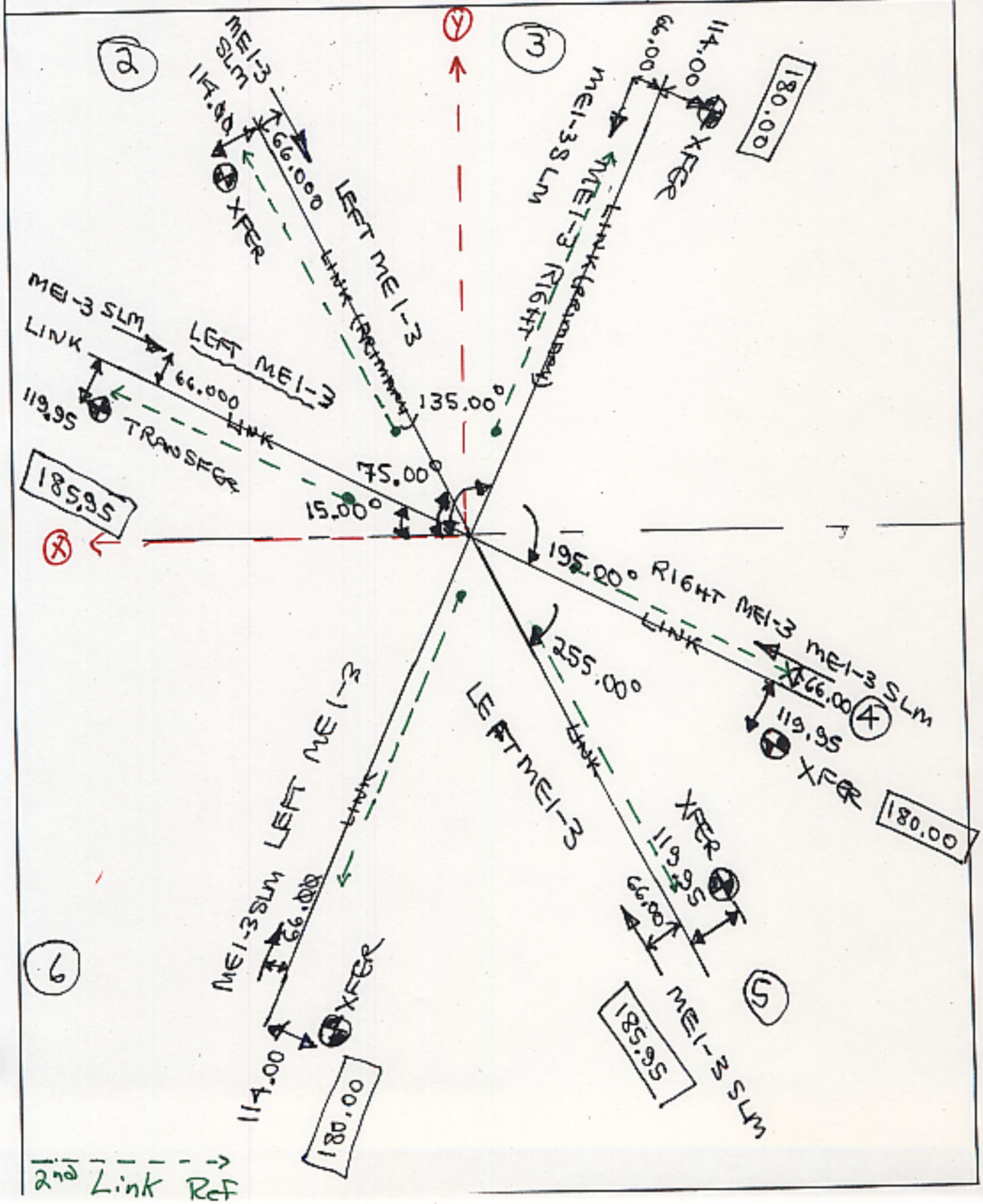
SECTION	PROJECT	SERIAL-CATEGORY	PAGE

SUBJECT: ME1 LINKPLATES - FROM IP VIEW

NAME:

DATE: 8.20.01

REVISION DATE:



FERMILAB
ENGINEERING NOTE

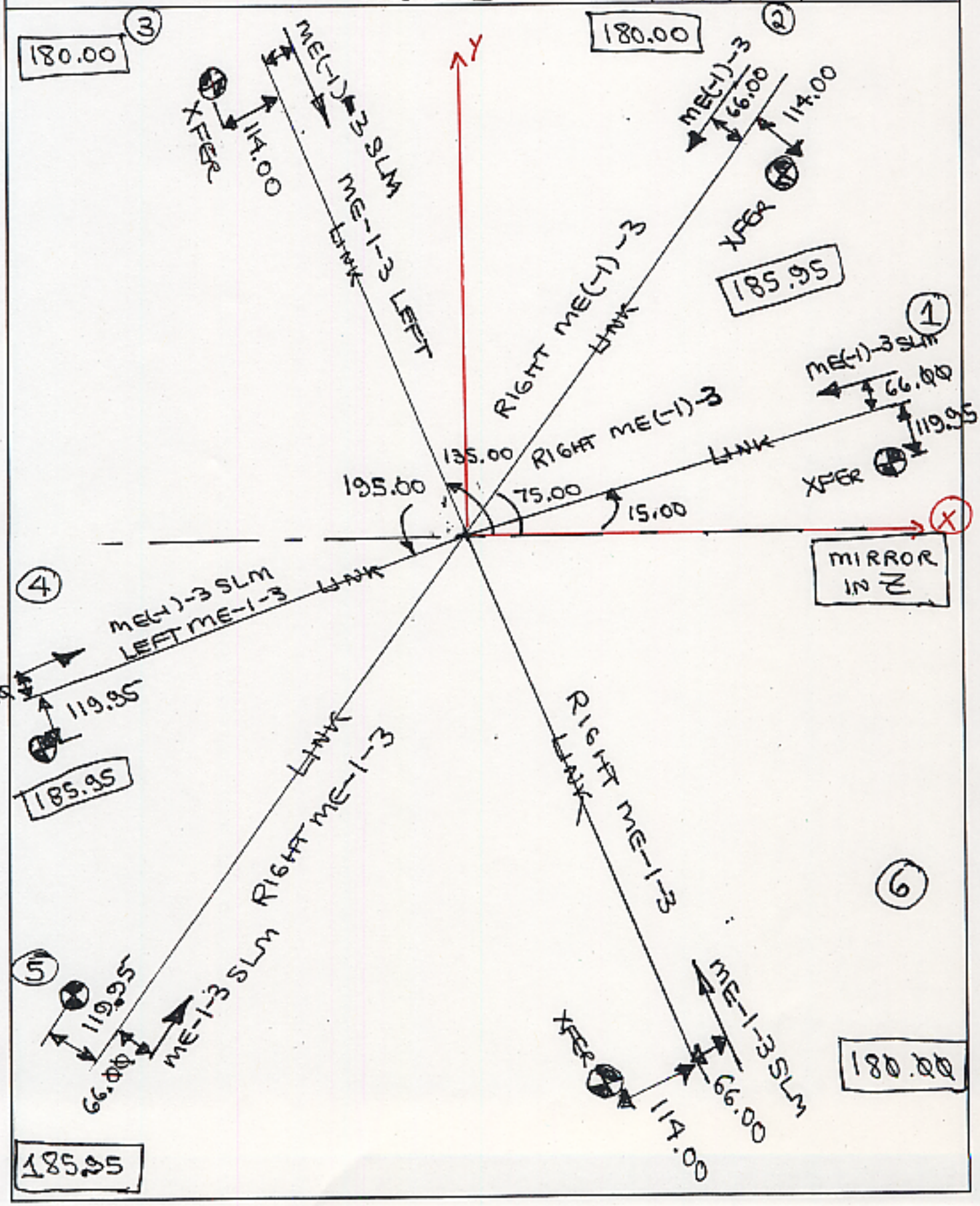
SECTION	PROJECT	SERIAL-CATEGORY	PAGE

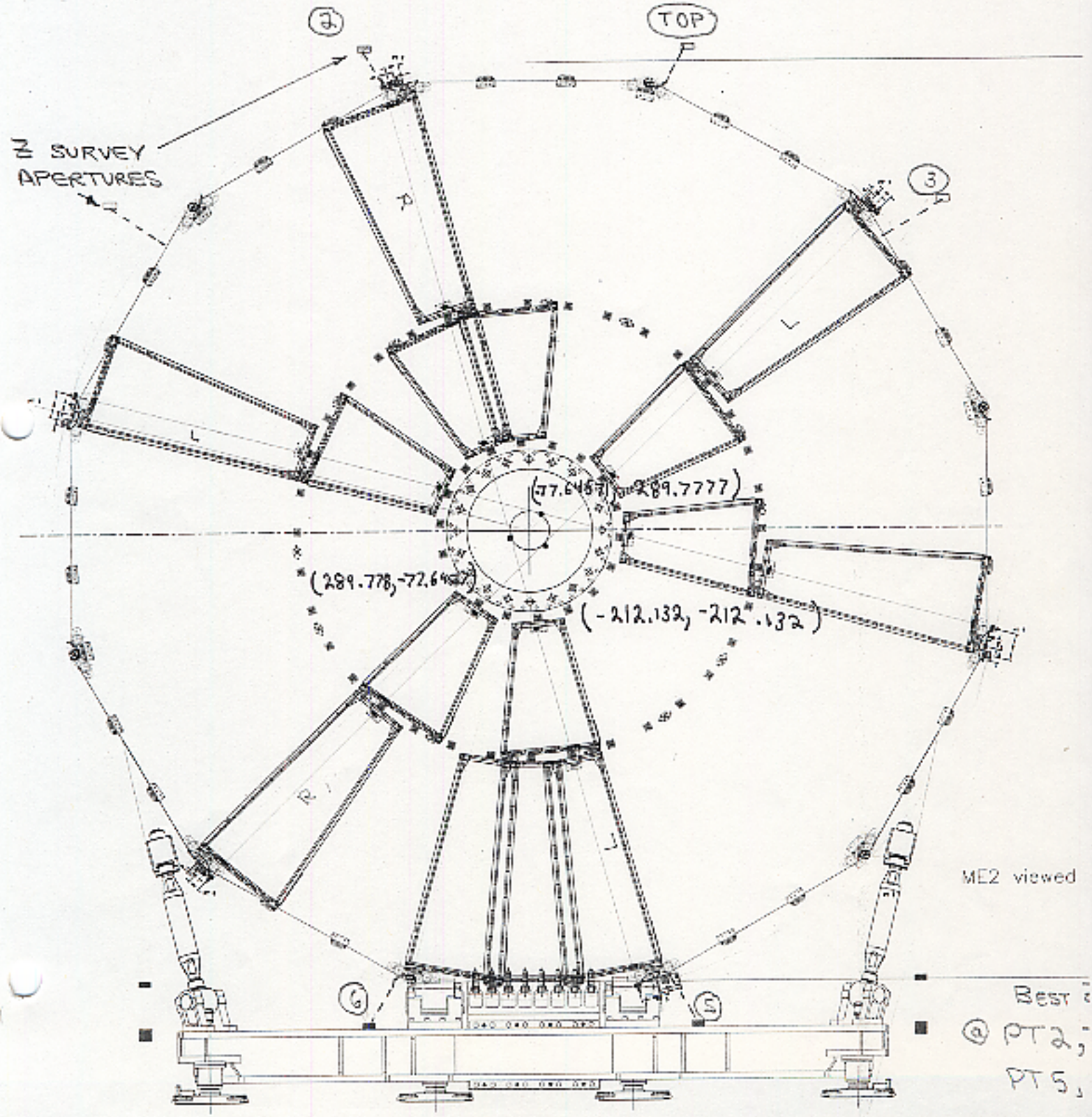
SUBJECT: ME-1 LINKPLATES - VIEW FROM IP

NAME:

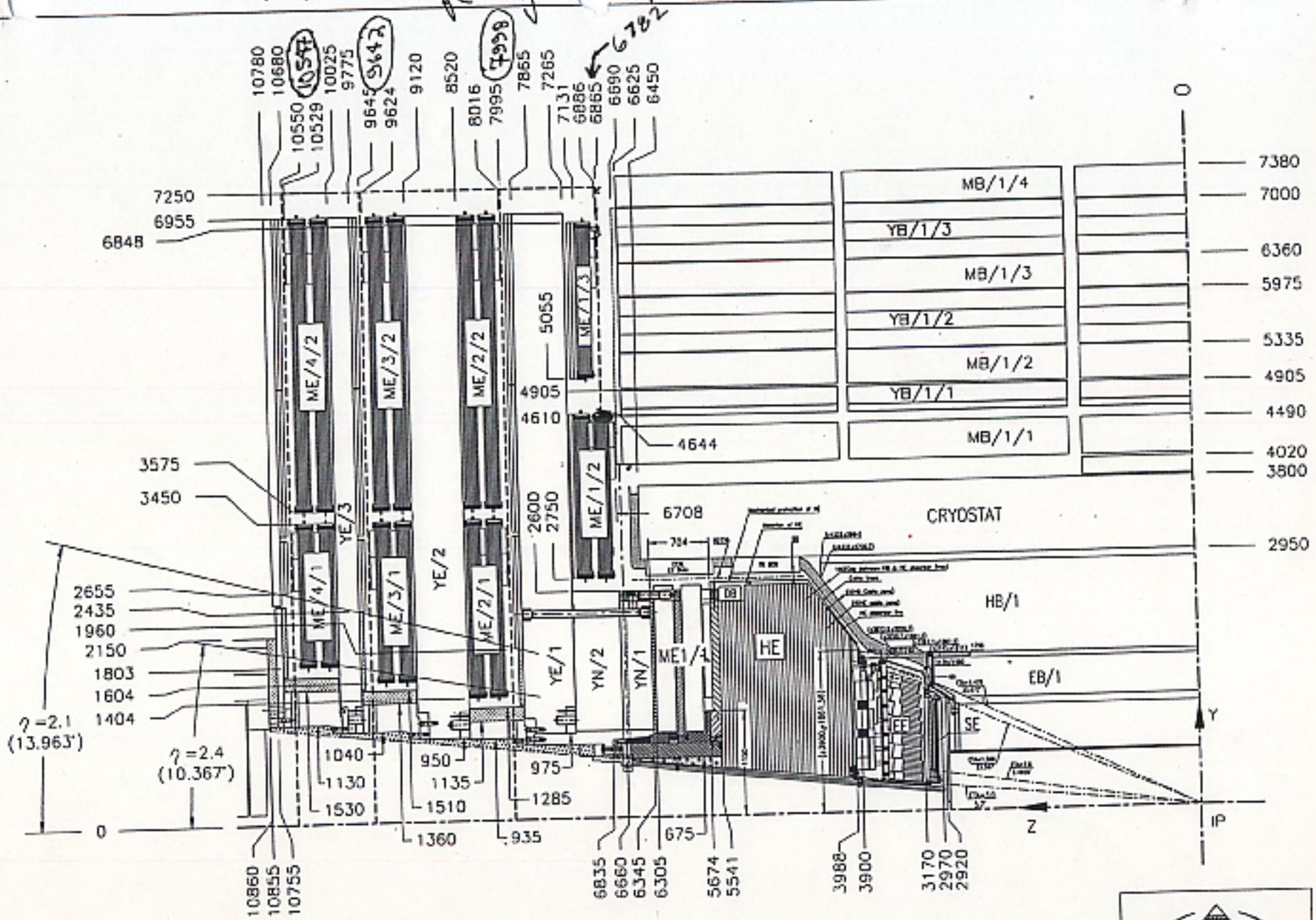
DATE: 8.20.01

REVISION DATE:



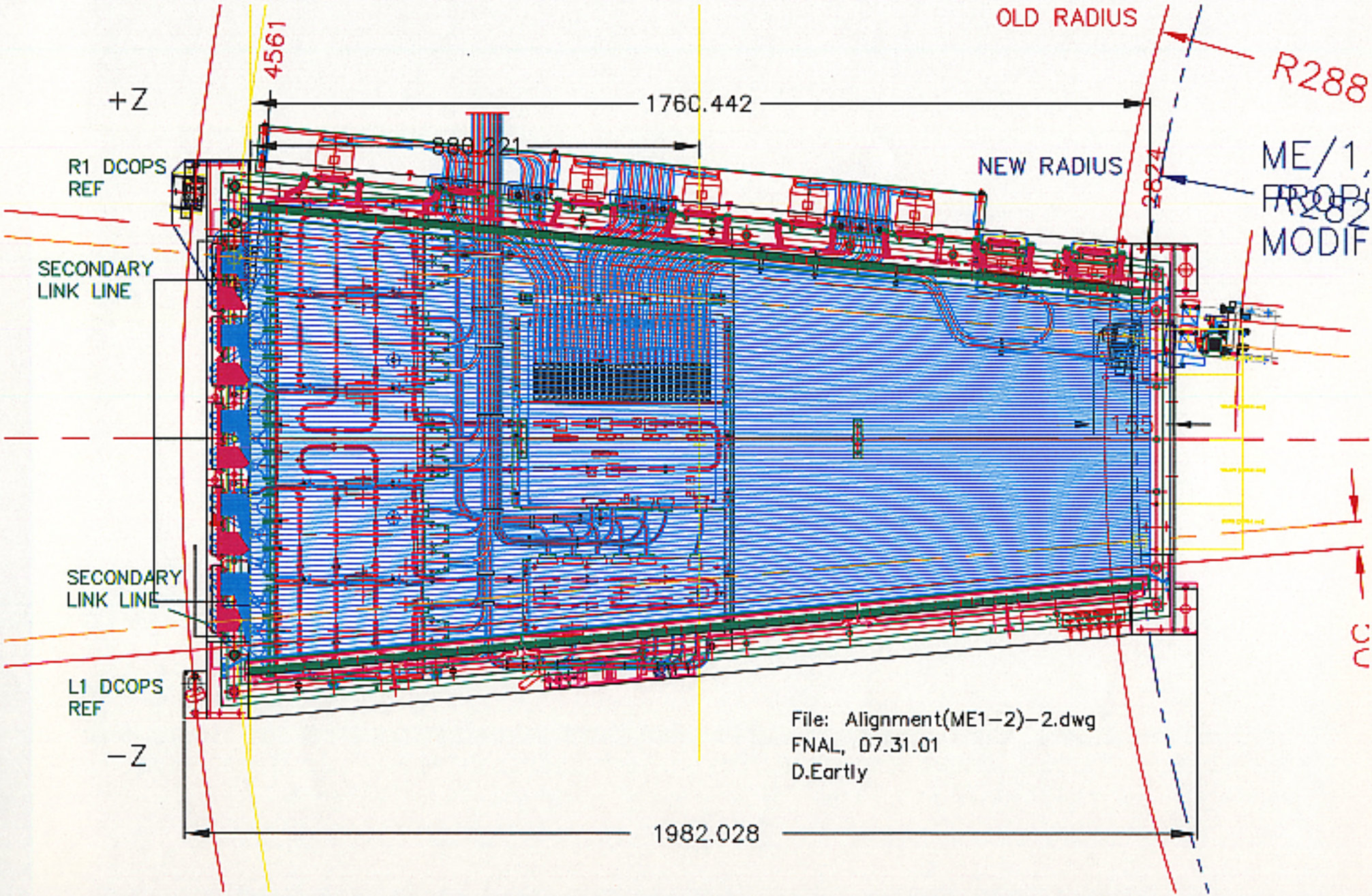

2
TOP
Z SURVEY
APERTURES
3
P
L
L
(77.6457, 289.7777)
(289.778, -72.6457)
(-212.132, -212.132)
R
L
ME2 viewed
6
5
Best
@ PT2,
PT5,

SLM change by 3 m

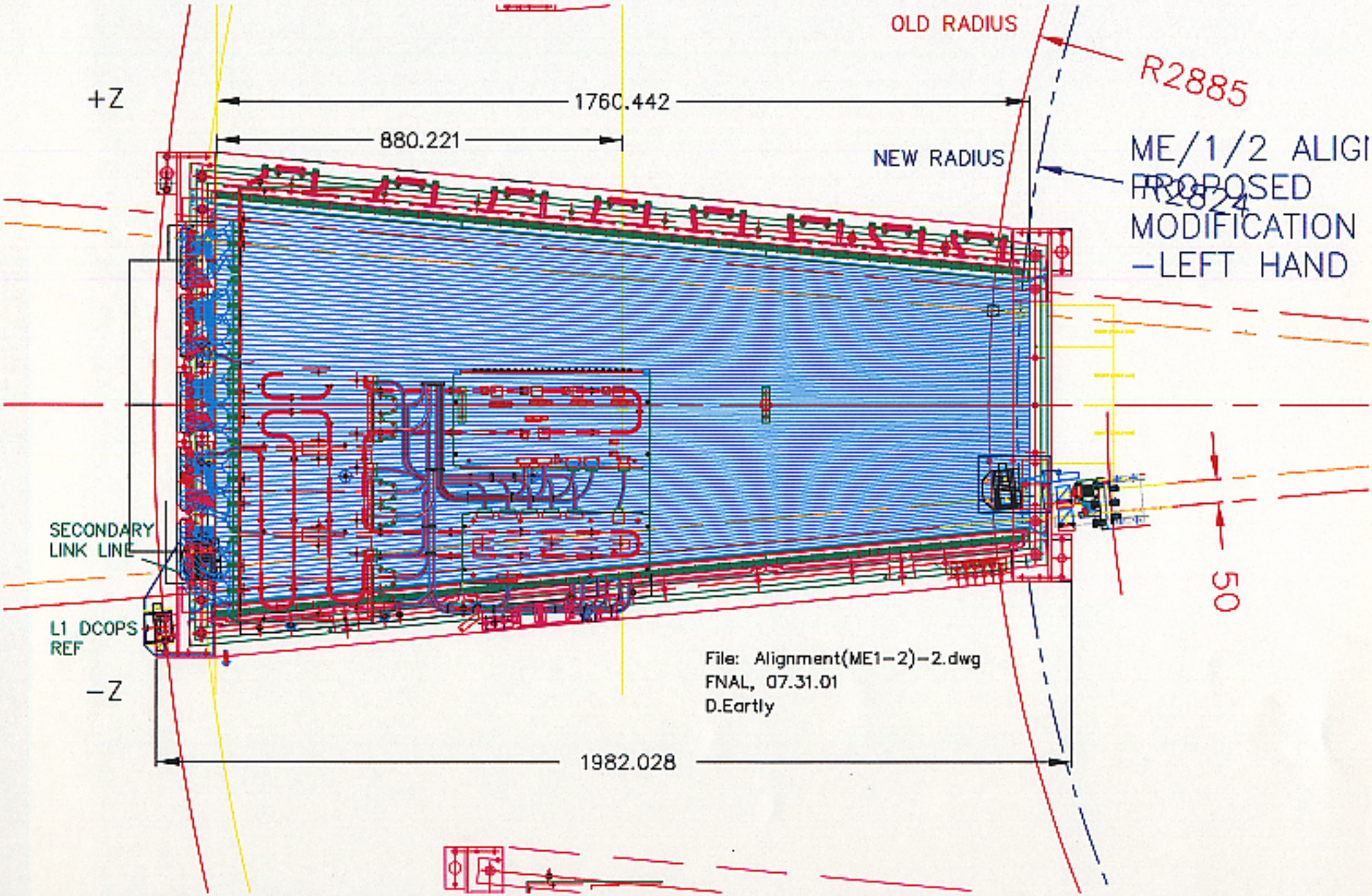


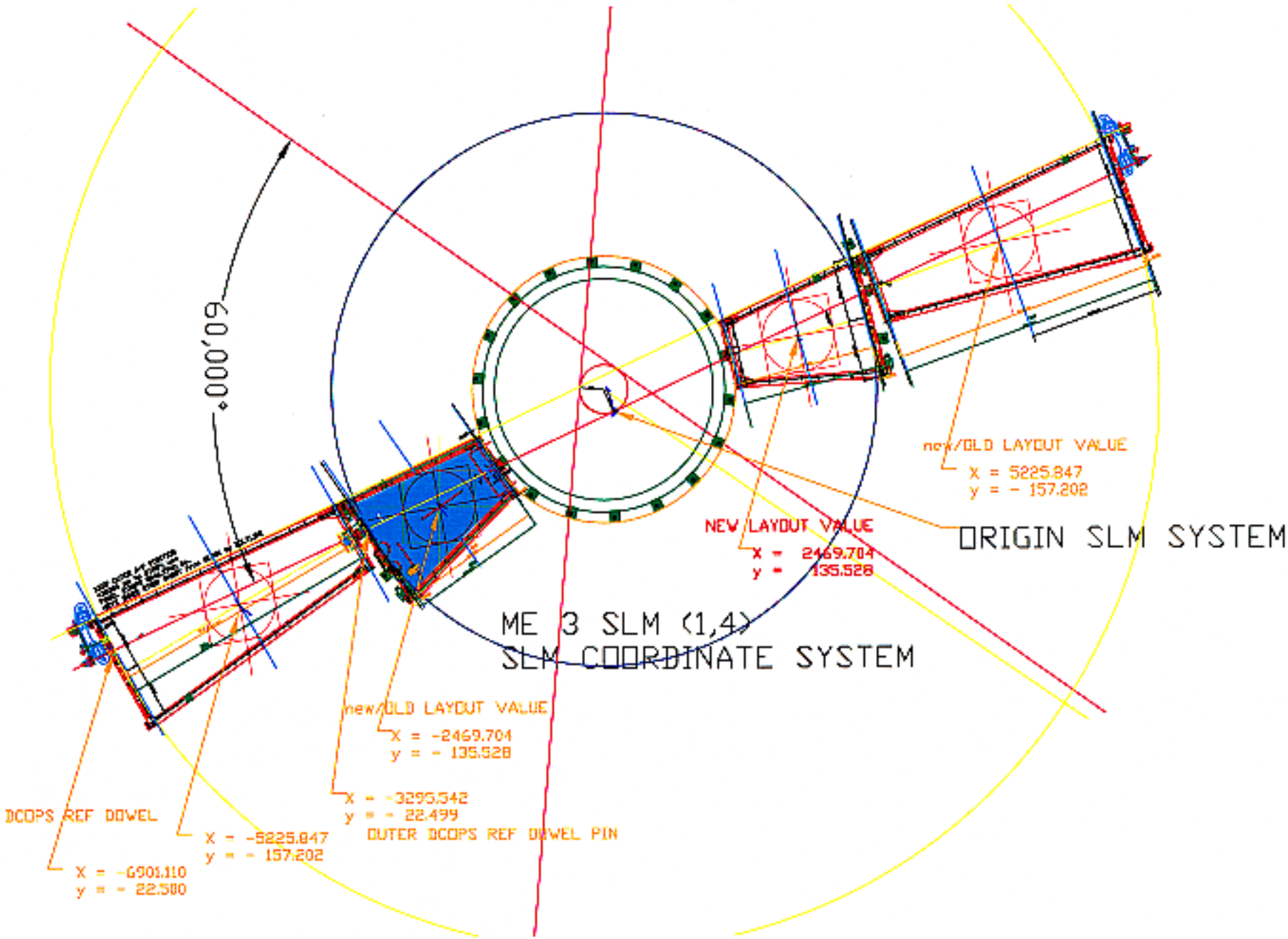
P-S-L
JDP 6-26-2000
CMS 5185_108

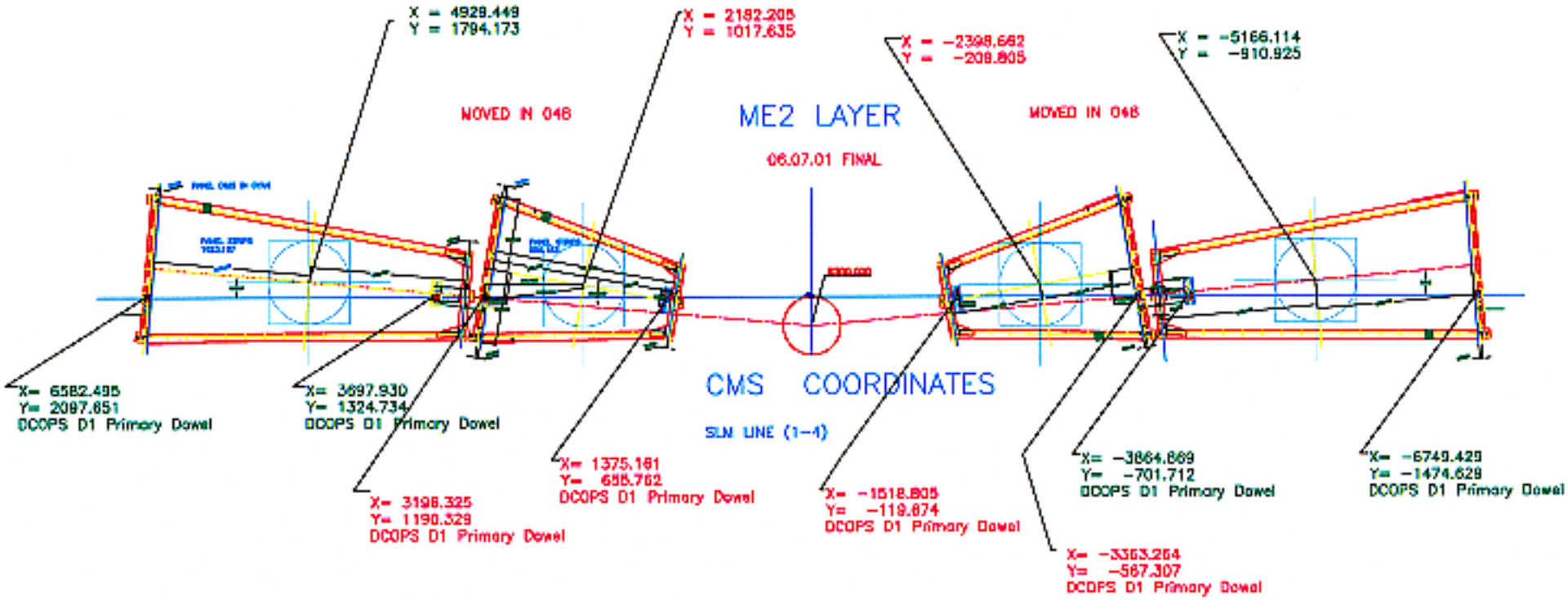
R1 LINE + SENSORS

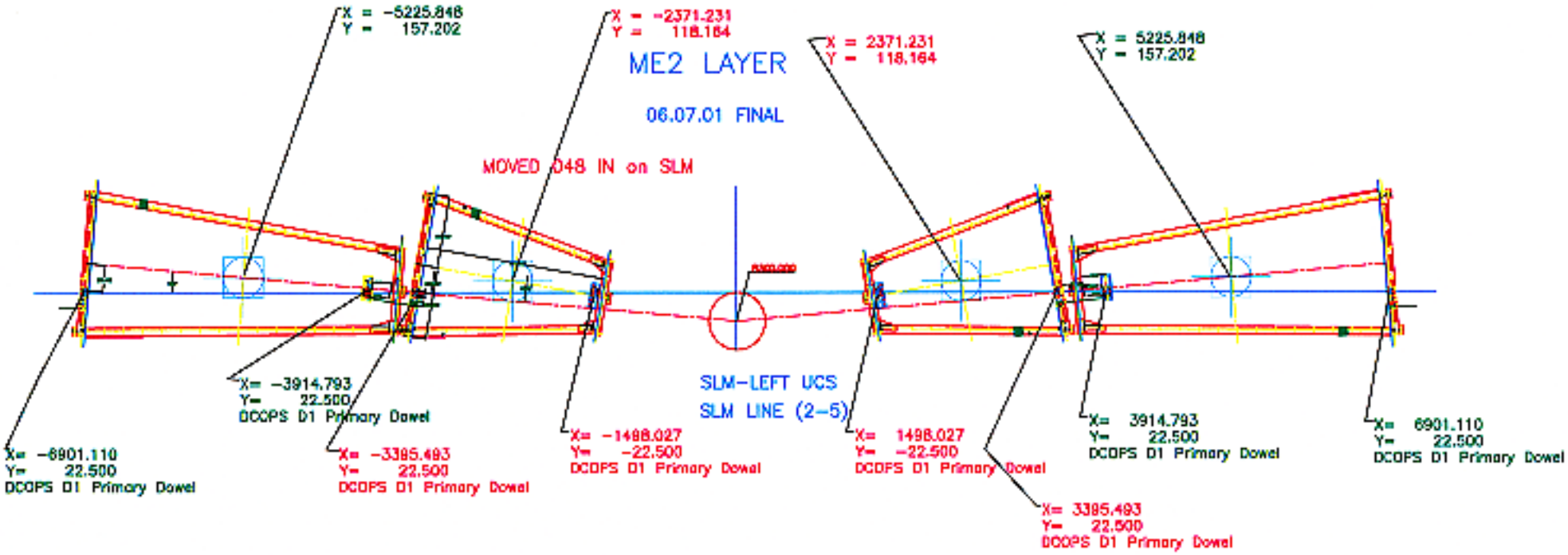


L1 LINE + SENSORS




60.000°
new/OLD LAYOUT VALUE
X = 5225.847
y = - 157.202
ORIGIN SLM SYSTEM
NEW LAYOUT VALUE
X = 2469.704
y = 135.528
ME 3 SLM (1,4)
SLM COORDINATE SYSTEM
new/OLD LAYOUT VALUE
X = -2469.704
y = - 135.528
X = -3295.542
y = - 22.499
OUTER DCOPS REF DOWEL PIN
DCOPS REF DOWEL
X = -5225.847
y = - 157.202
X = -6901.110
y = - 22.500


X = 4929.449
Y = 1794.173
X = 2182.205
Y = 1017.635
X = -2398.662
Y = -209.805
X = -5166.114
Y = -910.925
MOVED IN 048
ME2 LAYER
06.07.01 FINAL
MOVED IN 048
CMS COORDINATES
SLN LINE (1-4)
X= 6582.495
Y= 2097.651
DCOPS D1 Primary Dowel
X= 3697.930
Y= 1324.734
DCOPS D1 Primary Dowel
X= 3198.325
Y= 1190.329
DCOPS D1 Primary Dowel
X= 1375.161
Y= 655.762
DCOPS D1 Primary Dowel
X= -1518.805
Y= -119.874
DCOPS D1 Primary Dowel
X= -3363.264
Y= -567.307
DCOPS D1 Primary Dowel
X= -3864.869
Y= -701.712
DCOPS D1 Primary Dowel
X= -6749.429
Y= -1474.629
DCOPS D1 Primary Dowel


X = -5225.848
Y = 157.202
X = -2371.231
Y = 118.164
ME2 LAYER
06.07.01 FINAL
X = 2371.231
Y = 118.164
X = 5225.848
Y = 157.202
MOVED .048 IN on SLM
SLM-LEFT UCS
SLM LINE (2-5)
X= -3914.793
Y= 22.500
DCOPS D1 Primary Dowel
X= -6901.110
Y= 22.500
DCOPS D1 Primary Dowel
X= -3395.493
Y= 22.500
DCOPS D1 Primary Dowel
X= -1498.027
Y= -22.500
DCOPS D1 Primary Dowel
X= 1498.027
Y= -22.500
DCOPS D1 Primary Dowel
X= 3395.493
Y= 22.500
DCOPS D1 Primary Dowel
X= 3914.793
Y= 22.500
DCOPS D1 Primary Dowel
X= 6901.110
Y= 22.500
DCOPS D1 Primary Dowel