NASMYTH PLATFORM A

To Nasmyth Platform
To Azimuth Platform
To Nasmyth Platform
SCP 15-4 (SCP 17-4 for Platform B)
SCP cooling
Permanent access min. 600mm wide
Access to Telescope Altitude Auxiliary Drive
Space required for Adapter/Rotator maintenance (temporary)
Nasmyth Focus Level
Handrail
NASMYTH ADAPTER/ROTATOR - Outline
6800 FROM AZIMUTH AXIS
NASMYTH INSTRUMENT FIXATION FLANGE 6550^{+1} FROM AZIMUTH AXIS
FEED THROUGH FOR CABLES
Nasmyth Focus
Nasmyth Instrument fixation flange
Track
R10900
NASMYTH INSTRUMENT - SPACE ENVELOPE
SCP cooling
SCP 16-4 (SCP 18-4 for Platform B)
HANDRAILS
Equipped with pins
10x400=4000
50x80=4000
8x470=3760
4253
4252
3993
2500
approx. 900
1785
225
280
55
230
200
400
470
500
80
M12
(120)
(2840)
(3000)
(1000)
(1048)

A-A 1:2

Steel
2100 from Altitude Axis
PLYWOOD
COVERING
NASMYTH FLOOR
2000 from Altitude Axis

B-B 1:2

Steel
2025 from Altitude Axis
PLYWOOD
COVERING
NASMYTH FLOOR
2000 from Altitude Axis

C-C 1:2

Steel
PLYWOOD
COVERING
NASMYTH FLOOR
2000 from Altitude Axis

D-D

Nasmyth Focus Level
Nasmyth Platform Floor
2000 from Altitude Axis

OPERATIONAL LOADS

Point load:
Max. 4 x 20kN
max. 2x20kN on one track

Area load:
1500N anywhere on the platform
in addition to point load

MAINTENANCE and INSTALLATION LOADS

Area load:
Max. 6000N/m^2

Point load:
Max. 25000N anywhere on the platform
in addition to area load
or
max. 50000N anywhere on the axis of the threaded holes

For "approx." dimensions a tolerance of ± 25 mm should be assumed
Nasmyth Platform B mirrored

Material:		Surface:	Weight:
General Tolerances:	Scale: 1:10	NASMYTH INSTRUMENT INTERFACE	WP
2004	Date:	Name:	Nasmyth Platform A
Drawn	13/08/04	G.U.J.	Top View and Floor Requirements
Designed	13/08/04	M.K.R.	
Checked	13/08/04	R.T.A.	
Issue Date Name Modification	EUROPEAN SOUTHERN OBSERVATORY Karl-Schwarzschild-Str. 2 D-85748 Garching bei München www.eso.org	VLT-DWG-ESO-11420-2617	Sheet 1 of 1 Sheets