MIDDLE BLOCK — WEST PORTION
(see drg: 1486/2/10 2)

Concourse area

MIDDLE BLOCK — EAST PORTION
(See drg: 1486/2/105)

BM on GRID: E41 from N39 to N49.
500 x 750 (50% Secs 5-5')

TYP CROSS SECT THRU RIBS.

STAIRS AT CONCOURSE B/F
(FOR DETAILS SEE DRG: 1486/2/105)

OPENINGS IN B.M.
650 x 350

OPENINGS IN B.M.
650 x 250

OPENINGS IN B.M.
650 x 150

BM 500 x 750 OPENINGS IN B.M.

6 x 60 lb sleeves IN B.M. (SEE SECT 13-13)

BM 400 x 750

BM 400 x 600

BM 400 x 1000

BM 400 x 550

BM 500 x 750

300 x 520 DEEP RIBBED SLAB @ 90 TOPPING (10 No's OFF)

300 x 750 DEEP RIBBED SLAB @ 90 TOPPING (10 No's OFF)

600 DEEP RIBBED SLAB @ 90 TOPPING (10 No's OFF)

600 DEEP RIBBED SLAB @ 90 TOPPING

5 x 60 lb sleeves IN BM (SEE SECT 13-13)

240 DROP

100 R.W.P.

SEE DETAIL-'F'

SEE DETAIL-'E'

SEE DETAIL-'D'

SEE DETAIL-'C'

SEE DETAIL-'B'

SEE DETAIL-'A'

SEE DETAIL-'F'

OPEN

+3.210

+3.450

21 00 5

PLAN DETAIL-'A' (TYP.)
(TYPICAL FOR PERIMETER BEAMS FACING CONCOURSE AREA)

SECT. 1-1 (TYP.)

SECT. '2-2' (TYP)

PLAN DETAIL-'B' (TYP.)
(AT COL: N36-E41, SIMILAR BUT HANDED)

SECT. '3-3' (TYP.)
(AT COL: N36-E41 SIMILAR BUT HANDED)

SECT. '4-4' (TYP.)

SECT. '5-5' (TYP.)

DETAIL-'C' (TYP.)

SECT. '12-12'

DETAIL-'D' (TYP.)

DETAIL-'E' (TYP.)

SECT. '6-6' (TYP.)

DETAIL-'F' (TYP.)
AT COL: N36-E39 SIMILAR BUT HANDED.

SECT. 'M-M' (TYP.)

SECT. '13-13'
(SHOWING POSITION OF SLEEVE).

SECT. '7-7' (TYP.)

SECT. '8-8' (TYP.)

SECT. '9-9' (TYP.)

DETAIL-'G' (TYP.)
(DETAIL AT N39-E66, SIMILAR BUT HANDED)

DETAIL-'H' (TYP.)
(TYP. FOR COLS: 500 x 400)

DETAIL-'K' (TYP.)
(TYP. FOR COLS: 400 x 500)

DETAIL-'L'
(TYP. FOR COLS: 400 x 550)

DETAIL-'M' (TYP.)
(TYP. FOR COLS: 600 x 600)

DETAIL-'N' (TYP.)
(TYP. FOR COLS: 400 x 600 (SHAPED)

DETAIL-'P' (TYP)
(COL: N36-E41, SIMILAR BUT HANDED)

DETAIL-'R' (TYP.)
(COL'S N36-E39, SIMILAR BUT HANDED)

BEARING PAD AS FOR JOINT 'A' (DRG: 1486/0/103)

GENERAL NOTES:
1. CONCRETE TO BE 30 class 3 FOR ALL COLS.
   b) CLASS 25 FOR ALL SLABS EXCEPT AS NOTED.
   c) FOR FOOTINGS AND PILE CAPS SEE DRG: 1486/2/101
2. CONCRETE TO JOINT TO BE:
   a) ALL SLABS: 25mm
   b) BEAMS: 25mm
   c) RIBS: AS SHOWN ON DETAILS.
3. FOR DETAILS OF EXPANSION JOINTS & MOVING PANS SEE DRG: 1486/2/103.
4. THIS DRG. TO BE READ IN CONJUNCTION WITH THE RELEVANTS ARCHITECTS DRGS.
5. FOR POSITION & DETAILS OF SUNDRY DOWNPIPES SEE ARCHITECTS DRGS.
6. FOR CONCRETE FINISHES REFER TO ARCHITECTS DRGS.

COLUMN TABLE

MEMBER	SIZE
N36-E41; N36-E39 (SEE DETAIL-'P')	E-W — N-S SHAPED
N36-E43; N36-E45; N36-E47; N36-E49; N36-E51; N36-E53; N36-E55; N36-E57 (SEE DETAIL-'N').	400 x 600
N50-E39; N50-E41; N50-E43; N50-E45; N50-E47; N50-E49; N50-E51; N50-E53; N50-E55; N50-E57 N50-E59; N50-E61; N50-E63; N50-E65 (SEE DETAIL-'K')	400 x 500
N39-E34; N41-E34; N43-E34; N45-E34; N47-E34; N49-E34 N39-E66; N41-E66; N43-E66; N45-E66; N47-E66; N49-E66 (SEE DETAIL-'H').	500 x 400
N39-E41; N39-E47; N39-E53; N39-E59. (SEE DETAIL-'L').	400 x 550
N43-E41; N47-E41; N43-E47; N47-E47; N43-E53; N47-E53; N43-E59; N47-E59 (SEE DETAIL-'M')	600 x 600
N36-E34; N36-E66 (SEE DETAIL-'R')	600 x 400

Any Discrepancies or Ambiguities on this Drawing must be reported to C.A. Rigby & Partners and clarified by them only.

REFERENCE DRGS. NUMBER	TITLE

REVISIONS REV.	DATE	DESCRIPTION
A	14.9.73	COLUMN SIZES ABOVE SECT 13-13 AMMD

MULTIPURPOSE BUILDING — UNIVERSITY OF THE WITWATERSRAND — JOHANNESBURG

MIDDLE BLOCK — NORTH PORTION

TYPICAL R.C. LAYOUT AND DETAILS at lvls.: +3 450

A.J. OCKLESTON in association with
C.A. RIGBY AND PARTNERS
Portland Place, 37 Jorissen street
Phone: 725 3920
BRAAMFONTEIN JOHANNESBURG

SCALE	1:100; 50; 20
DRAWN	[illegible]
CHECKED	
APPROVED	
DATE	29.3.71

CONTRACT No. 1486

DRAWING No. 2/105 A