

EXCHEQUER COURT

3.0 STRUCTURAL

CONSULTANT: WATERMAN PARTNERSHIP

AMEC DESIGN & MANAGEMENT

EXCHEQUER COURT

Drawing Register

Drawing Number	Rev	Title
WAT : WATERMAN PARTNERSHIP		
L/8859/C/C/23 L/8859/C/C/24 L/8859/C/C/25 L/8859/C/C/26 L/8859/C/C/27 L/8859/C/C/28 L/8859/C/C/29 L/8859/C/C/30 L/8859/C/P/21 L/8859/C/P/22 L/8859/C/P/23 L/8859/C/P/24 L/8859/C/P/25 L/8859/C/P/26 L/8859/C/P/27 L/8859/C/P/28 L/8859/C/P/29 L/8859/C/P/30 L/8859/C/P/49 L/8859/C/P/50 L/8859/C/P/70 L/8859/C/P/71 L/8859/C/P/72 L/8859/C/P/73 L/8859/C/P/74 L/8859/C/P/75 L/8859/C/P/76 L/8859/C/P/77		Concrete Layout - Ground Floor Concrete Layout First Floor Concrete Layout Second Floor Concrete Layout Third Floor Concrete Layout Fourth Floor Concrete Layout Fifth Floor Concrete Layout Sixth Floor Concrete Layout Seventh Floor Lev -2 GA Lev -1 GA Struct Steel Layout GF Struct Steel Layout 1st Flr Struct Steel Layout 2nd Flr Struct Steel Layout 3rd Flr Struct Steel Layout 4th Flr Struct Steel Layout 5th Flr Struct Steel Layout 6th Flr Struct Steel Layout 7th Flr GA of Cores Level Minus 1 GA of Cores Typical Floor Column Schedule - Sheet 1 Column Schedule - Sheet 2 Column Schedule - Sheet 3 Column Schedule - Sheet 4 Column Schedule - Sheet 5 Column Schedule - Sheet 6 Column Schedule - Sheet 7 Column Schedule - Sheet 8

AMEC DESIGN & MANAGEMENT

EXCHEQUER COURT

Drawing Register

Drawing Number	Rev	Title
L/8859/C/P/78		Column Key Plan
L/8859/C/P/92		Column Schedule - Sheet 10
L/8859/C/P/97		Column Schedule - Sheet 9

GENERAL NOTES TO STANCHION SCHEDULE.

- ALL COLUMN SPLICER FLANGE PLATES TO BE FITTED INSIDE FLANGES.
- ALL COLUMNS BETWEEN BASEMENT AND MINUS ONE ARE TO BE CONCRETE CASED.
- LOADS NOTED THUS "+" IN THE TABLE ARE CARRIED BY BEAMS AND ARE SHOWN ON THE GENERAL ARRANGEMENT PLANS.
- ALL NOTIONAL FORCES PROVIDED ARE FACORED AND MUST ALSO BE TAKEN IN CONJUNCTION WITH 1.4x DL + 1.6x LL IN EITHER UPWARD OR DOWNWARD DIRECTION.

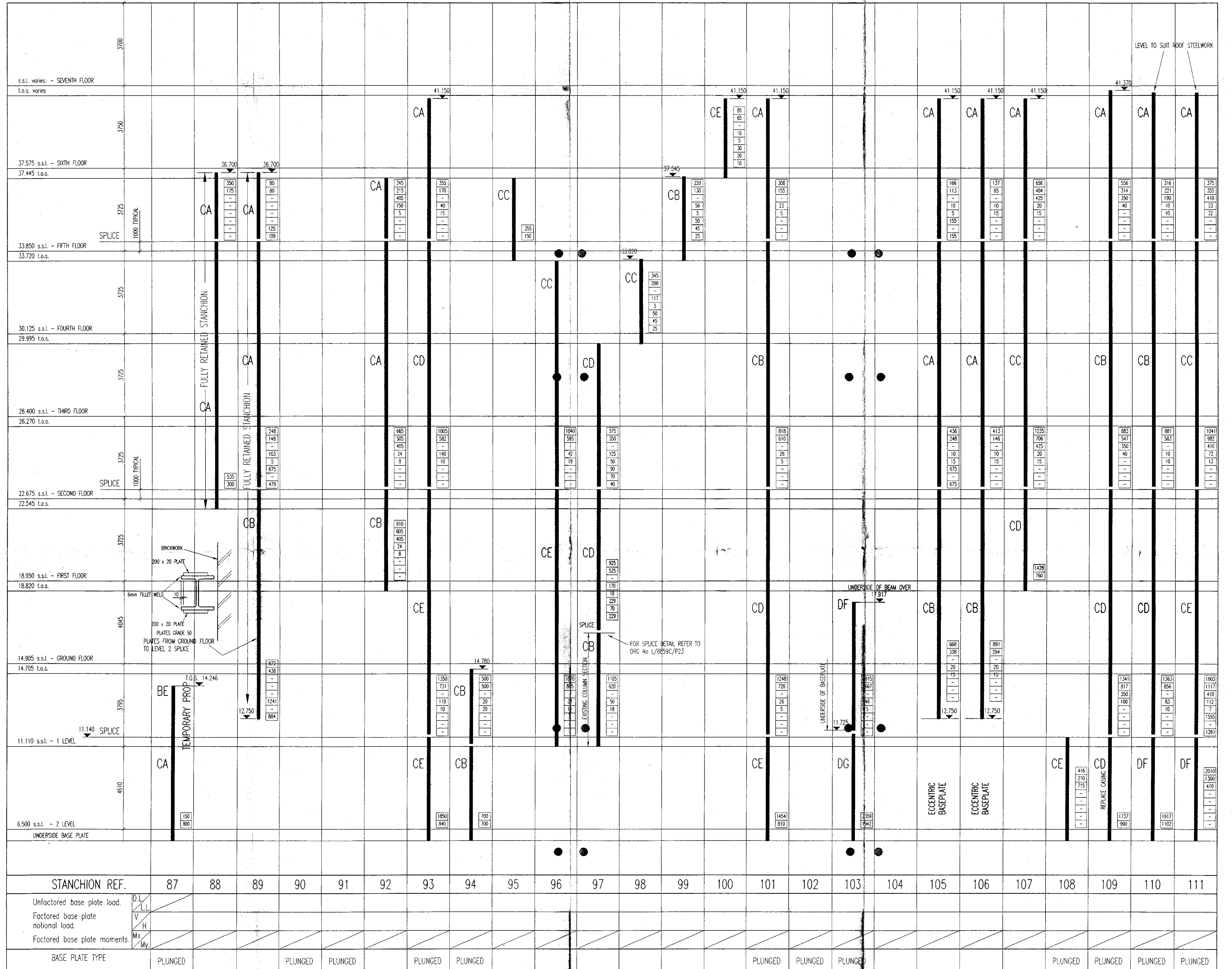
1550	dead (unfactored)
1700	live (unfactored)
1770	accident (unfactored)
1800	Wx (factored)
1000	Wy (notional load)
466	Fy (factored)
345	Wind (unfactored)

6 PLUNGED STANCHIONS, PLUS EXTENSION PIECES, SUPPLIED BY THE PILING CONTRACTOR.

7 ALL COLUMNS BELOW LEVEL MINUS ONE ARE EXISTING AND RETAINED. RETAINED COLUMNS ABOVE LEVEL MINUS ONE AS NOTED.

8 THOSE COLUMN SECTIONS MARKED WITH 'REPLACE CASING' ARE TO HAVE THEIR EXISTING CONCRETE CASING REMOVED AND RECAST USING MINIMUM GRADE C20 CONCRETE REINFORCED IN ACCORDANCE WITH BS 8500 4.14

AS BUILT



D	19/03/95	REVISED TO AS BUILT STATUS	JA
C	24/7/93	REVISIONS CLOUDED	MOU
B	26/7/93	ISSUED FOR COMMENTS/COMMENCEMENT OF FABRICATION DRAWINGS CORE 3 REMAINS IN AVERAGE	MOU
A	12/7/93	REVISED TO SUIT PORTAL FRAME ON CORE C	MOU
REF.	DATE	DESCRIPTION	BY

AMENDMENTS

TITLE - EXCHEQUER COURT

DESIGN REVIEW SCHEME

COLUMN SCHEDULE SHEET 5 OF 10 87-111

CURENT - SPAKE PROPERTIES Ltd.

ARCHITECT - FITZROY ROBINSON PARTNERSHIP

Waterman
Partnership
Consulting Civil & Structural Engineers46-47 BLACKFRIARS ROAD LONDON SE1 8PN
Telephone 01-788 7888 Fax 01-928 3033

SUITE 5 BEATTY HOUSE ADMIRALS WAY LONDON E14 9UF

Telephone 01-967 4233 Fax 01-538 3429

CENTRE CITY PODIUM 5 HILL STREET BIRMINGHAM B5 4UJ

Telephone 021 616 1060 Fax 021 616 1246

Designed by - Success - Work to agreed dimensions N.T.S.

Drawn by - Checked by - Date - JAN '93

DRAWING NO. L/859C/P74

AS BUILT

GENERAL NOTES TO STANCHION SCHEDULE.

- COLUMN SPLICING FLANGE PLATES TO BE FITTED INSIDE FLANGES.
COLUMNS BETWEEN BASEMENT AND MINUS ONE ARE TO BE
RETE CASED.

NOTED THUS "T" IN THE TABLE ARE CARRIED BY BEAMS AND
SHOWN ON THE GENERAL ARRANGEMENT PLANS.

OPTIONAL FORCES PROVIDED ARE FACORED AND MUST ALSO BE
IN CONJUNCTION WITH $1.4 \times$ D.L. + $1.6 \times$ LL IN EITHER UPWARD
DOWNWARD DIRECTION.

1650	dead (unfactored)
700	live (unfactored)
170	accident (unfactored)
60	M_x (factored)
1000	M_y (factored)
100	F_x (Nominal load)
666	F_y Shear (factored)
845	wind (unfactored)

- GED STANCHIONS, PLUS EXTENSION PIECES, SUPPLIED
THE PILING CONTRACTOR

COLUMNS BELOW LEVEL MINUS ONE
EXISTING AND RETAINED
ED COLUMNS ABOVE LEVEL MINUS ONE AS NOTED

UNIVERSAL COLUMN SECTIONS		
A	152	x 152 x 23UC
B	152	x 152 x 30UC
C	152	x 152 x 37UC
A	203	x 203 x 46UC
B	203	x 203 x 52UC
C	203	x 203 x 60UC
D	203	x 203 x 71UC
E	203	x 203 x 86UC
A	254	x 254 x 73UC
B	254	x 254 x 89UC
C	254	x 254 x 107UC
D	254	x 254 x 132UC
E	254	x 254 x 167UC
A	305	x 305 x 97UC
B	305	x 305 x 118UC
C	305	x 305 x 137UC
D	305	x 305 x 158UC
E	305	x 305 x 198UC
F	305	x 305 x 240UC
G	305	x 305 x 283UC
A	356	x 368 x 129UC
B	356	x 368 x 153UC
C	356	x 368 x 177UC
D	356	x 368 x 202UC
A	356	x 406 x 235UC
B	356	x 406 x 287UC
C	356	x 406 x 340UC
D	356	x 406 x 393UC
E	356	x 406 x 467UC
F	356	x 406 x 551UC
G	356	x 406 x 634UC

x 203 x 86UC BUILT UP WITH
0 PLATE 1 EACH FLANGE.

19/03/95	REVISED TO AS BUILT STATUS	JA
24/5/93	REVISIONS CLOUDED	MDJ
26/3/93	ISSUED FOR COMMENTS/COMMENCEMENT OF FABRICATION DRAWINGS CORE 3 REMAINS IN ABEYANCE	MDJ
DATE	DESCRIPTION	BY

AMENDMENTS

**EXCHEQUER COURT
DESIGN REVIEW SCHEME
COLUMN SCHEDULE SHEET 6 OF 10112-136**

T: -
SPAXE PROPERTIES Ltd.

TECT: -
FITZROY ROBINSON PARTNERSHIP



**Waterman
Partnership**
Consulting Civil & Structural Engineers

46-47 BLACKFRIARS ROAD LONDON SE1 8PN

Telephone 01-928 7888 Fax. 01-928 3033

UITE 5 BEATTY HOUSE ADMIRALS WAY LONDON E14 9UF

Telephone 01-987 4233 Fax. 01-538 3429

NTRE CITY PODIUM 5 HILL STREET BIRMINGHAM B5 4UU

Telephone 021 616 1060 Fax. 021 616 1246

ed by: -	Scales: -	N.T.S.
by: -	work to figured dimensions	
d by: -		
JAN '93	DRAWING No.	L/8859C/P75

GENERAL NOTES TO STANCHION SCHEDULE:

1 ALL COLUMN SPICE FLANGE PLATES TO BE FITTED INSIDE FLANGES.

2 ALL COLUMNS BETWEEN BASEMENT AND MINUS ONE ARE TO BE CONCRETE SHOWN.

3 LOADS NOTED THUS "I" IN THE TABLE ARE CARRIED BY BEAMS AND ARE SHOWN ON THE GENERAL ARRANGEMENT PLANS.

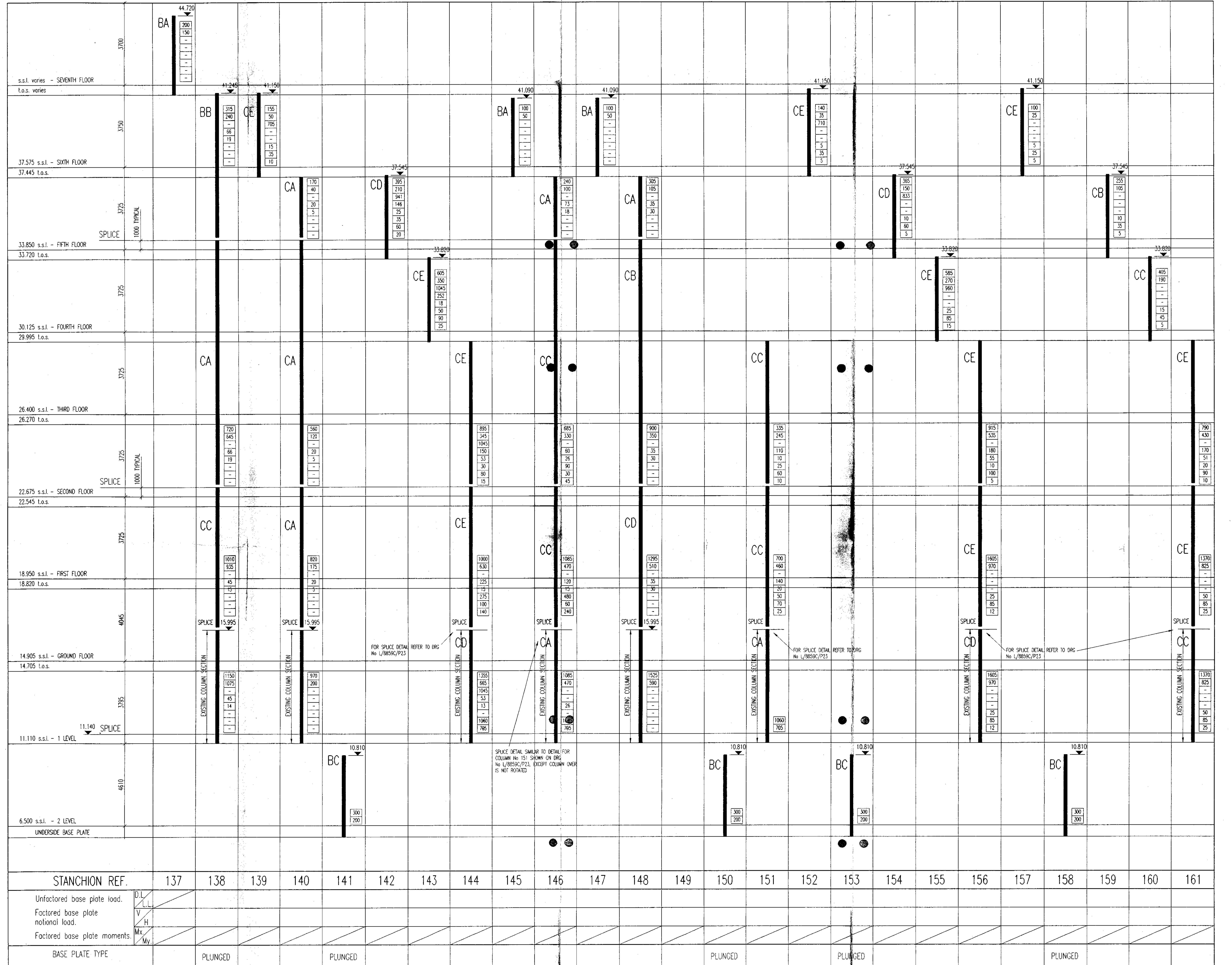
4 ALL NOTIONAL FORCES PROVIDED ARE FACTORED AND MUST ALSO BE TAKEN IN CONJUNCTION WITH 1.4x O.L + 1.6x LL IN EITHER UPWARD OR DOWNWARD DIRECTION.

5 ALL LOADS AT **700** dead (unfactored)
 SPICES ARE **170** eccentric (unfactored)
 NOTED THUS: **60** M_x (factored)
1000 F_y (notional load)
565 F_x (factored)
545 wind (unfactored)

6 PLUNGED STANCHIONS, PLUS EXTENSION PIECES, SUPPLIED BY THE PILING CONTRACTOR.

7 ALL COLUMNS BELOW LEVEL MINUS ONE ARE EXISTING AND RETAINED.
RETAINED COLUMNS ABOVE LEVEL MINUS ONE AS NOTED

AS BUILT



UNIVERSAL COLUMN SECTIONS	
AA	152 x 152 x 23UC
AB	152 x 152 x 30UC
AC	152 x 152 x 37UC
BA	203 x 103 x 46UC
BB	203 x 103 x 52UC
BC	203 x 103 x 60UC
BD	203 x 103 x 71UC
BE	203 x 103 x 86UC
CA	254 x 254 x 73UC
CB	254 x 254 x 89UC
CC	254 x 254 x 107UC
CD	254 x 254 x 132UC
CE	254 x 254 x 167UC
DA	305 x 305 x 97UC
DB	305 x 305 x 118UC
DC	305 x 305 x 137UC
DD	305 x 305 x 158UC
DE	305 x 305 x 189UC
DF	305 x 305 x 240UC
DG	305 x 305 x 233UC
EA	356 x 368 x 129UC
EB	356 x 368 x 153UC
EC	356 x 368 x 177UC
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FA	356 x 406 x 235UC
FB	356 x 406 x 287UC
FC	356 x 406 x 340UC
FD	356 x 406 x 393UC
FE	356 x 406 x 467UC
FF	356 x 406 x 551UC
FG	356 x 406 x 634UC

D	19/03/95	REVISED TO AS BUILT STATUS	JA
C	24/5/93	REVISIONS CLOSED	MDJ
B	26/3/93	ISSUED FOR COMMENTS/COMMENCEMENT OF FABRICATION DRAWINGS	MDJ
A	12/2/93	REVISED TO SUIT NEW PORTAL FRAME ON GRID C	MDJ
REF.	DATE	DESCRIPTION	BY

TITLE: EXCHEQUER COURT
DESIGN REVIEW SCHEME
COLUMN SCHEDULE SHEET 7 OF 10 137-161

CLIENT: SPAKE PROPERTIES Ltd.

ARCHITECT: FITZROY ROBINSON PARTNERSHIP



46-47 BLACKFRIARS ROAD LONDON SE1 8PN
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Telephone 01-887 4233 Fax 01-538 3429

CENTRE CITY PODIUM 5 HILL STREET BIRMINGHAM B5 4JJ
Telephone 021 616 1060 Fax 021 616 1246

Designed by: MH Scale: to agreed dimensions N.T.S.

Drawn by: MH Date: JULY 1992 DRAWING NO. L/8859C/P76

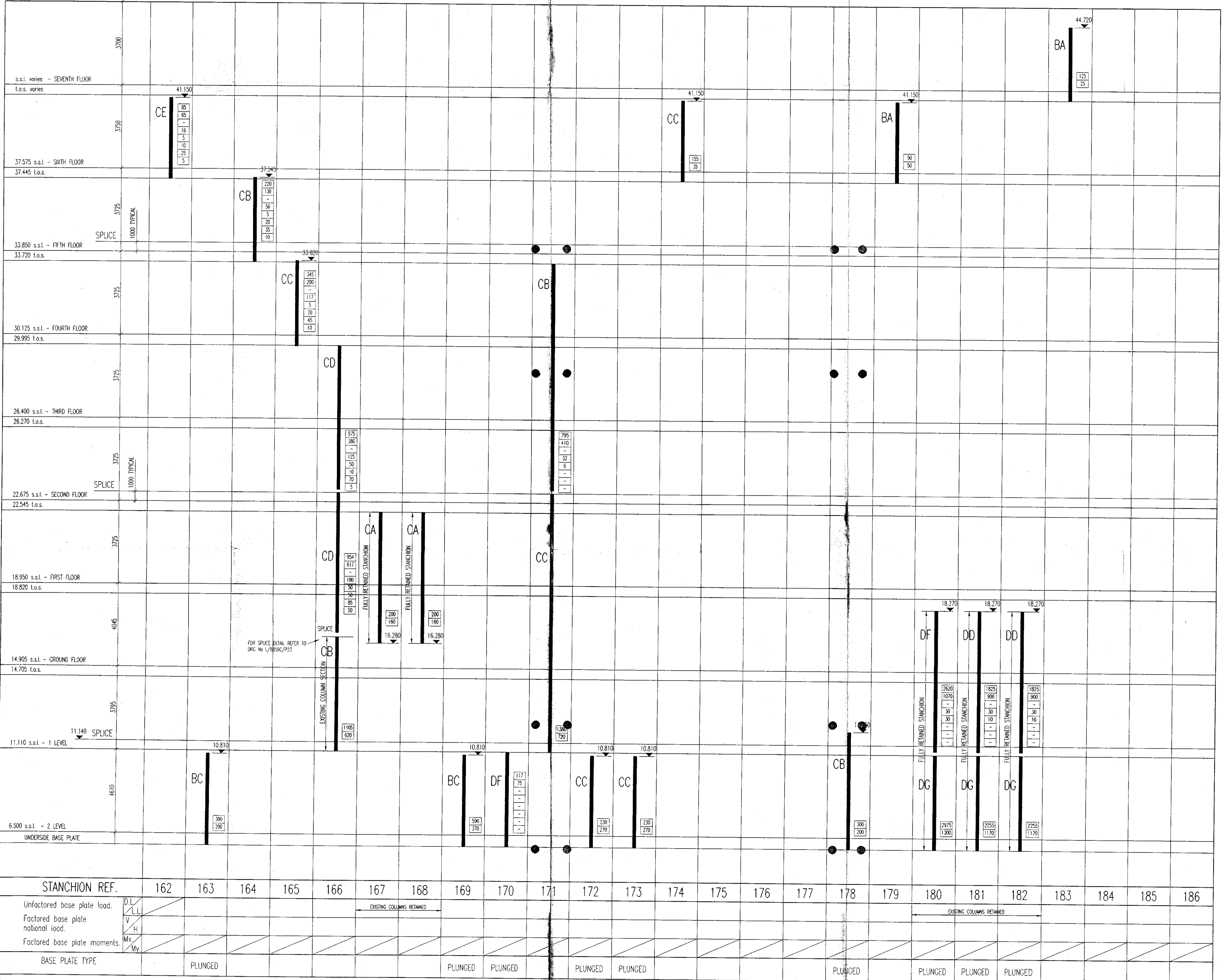
AS BUILT

GENERAL NOTES

For General Notes and Reference Drawing See

GENERAL NOTES TO STANCHION SCHEDULE.

- ALL COLUMN SPLICING FLANGE PLATES TO BE FITTED INSIDE FLANGES
- ALL COLUMNS BETWEEN BASEMENT AND MINUS ONE ARE TO BE CONCRETE CASED
- LOADS NOTED THUS "+/-" IN THE TABLE ARE CARRIED BY BEAMS AND ARE SHOWN ON THE GENERAL ARRANGEMENT PLANS
- ALL NOTIONAL FORCES PROVIDED ARE FACTORED AND MUST ALSO BE TAKEN IN CONJUNCTION WITH 1.4x D.L. + 1.6x LL IN EITHER UPWARD OR DOWNWARD DIRECTION
- ALL LOADS AT 100% ARE UNFACTORED
SPlices ARE UNFACTORED
NOTED THUS:
100% Unfactored
100% My (factored)
100% Fy (Notional load)
100% Fy Shear (factored)
100% Wind (unfactored)
- PLUNGED STANCHIONS PLUS EXTENSION PIECES, SUPPLIED BY THE PILING CONTRACTOR
- ALL COLUMNS BELOW LEVEL MINUS ONE ARE EXISTING AND RETAINED
RETAINED COLUMNS ABOVE LEVEL MINUS ONE AS NOTED



UNIVERSAL COLUMN SECTIONS	
AA	152 x 152 x 23UC
AB	152 x 152 x 30UC
AC	152 x 152 x 37UC
BA	203 x 203 x 46UC
BB	203 x 203 x 52UC
BC	203 x 203 x 60UC
BD	203 x 203 x 71UC
BE	203 x 203 x 86UC
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FE	356 x 406 x 467UC
FF	356 x 406 x 551UC
FG	356 x 406 x 634UC

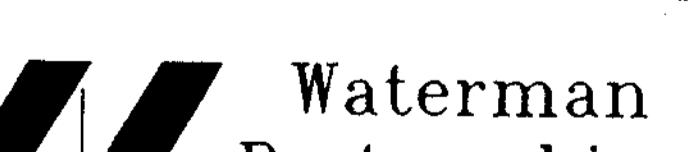
D	19/03/95	REVISED TO AS BUILT STATUS	JA
C	24/5/93	REVISIONS CLOURED	MOJ
B	26/5/93	ISSUED FOR COMMENTS/COMMENCEMENT OF FABRICATION DRAWINGS CORE 3 REMAINS IN AVERAGE	MOJ
A	12/2/93	REVISED TO SUIT NEW PORTAL FRAME ON GRID G	MOJ
REF	DATE	DESCRIPTION	BY

AMENDMENTS

FILE: EXCHEQUER COURT DESIGN REVIEW SCHEME COLUMN SCHEDULE SHEET 8 OF 10162-186

CLIENT: SPAKE PROPERTIES Ltd.

ARCHITECT: FITZROY ROBINSON PARTNERSHIP

 Waterman Partnership Consulting Civil & Structural Engineers

46-47 BLACKFRIARS ROAD LONDON SE1 8PN
Telephone 01-928 7888 Fax 01-928 3033


SUITE 5 BEATTY HOUSE ADMIRALS WAY LONDON E14 9UF
Telephone 01-987 4233 Fax 01-538 3429

CENTRE CITY PODIUM 5 HILL STREET BIRMINGHAM B5 4UJ
Telephone 021 616 1060 Fax 021 616 1246

Designed by: Drawn by: Checked by: N.T.S.
Work to be carried out dimensions Date: JUNE 92

DRAWING NO. L/8859C/P77

- ALL STEELWORK TO BE GRADE S0C TO S5 4360 U.N.O.
- CONCRETE TO BE GRADE C35, MAXIMUM AGGREGATE SIZE 14mm, (FOR LIGHTWEIGHT CONCRETE) MINIMUM CEMENT CONTENT 300 kg/m³, MAXIMUM WATER CONTENT RATIO 0.6.
- READ IN CONJUNCTION WITH RELEVANT ENGINEER'S AND ARCHITECTS DRAWINGS.
- FOR DETAILS OF CORES SEE DRAWING No. L/8859/50



REF	DATE	DESCRIPTION	BY
AMENDMENTS			
E	19/03/93	REVISED TO AS BUILT STATUS	JA
D	19/10/93	REVISIONS CLOSED	MOU
C	29/6/93	REVISIONS CLOSED	MOU
B	24/5/93	REVISIONS CLOSED	MOU
A	26/3/93	ISSUED FOR COMMENTS/COMMENCEMENT OF FABRICATION DRAWINGS CORE 3 REMAINS IN BEANCE	MOU
REF	DATE	DESCRIPTION	BY

**EXCHEQUER COURT
DESIGN REVIEW SCHEME
COLUMN SCHEDULE KEYPLAN**

CLIENT: SPAKE PROPERTIES Ltd.

ARCHITECT: FITZROY ROBINSON PARTNERSHIP

**Waterman
Partnership**
Consulting Civil & Structural Engineers

46-47 BLACKFRIARS ROAD LONDON SE1 BPN
Telephone 071 928 7888 Fax: 071 928 3033

SUITE 5 BEATTY HOUSE ADMIRALS WAY LONDON E14 9UF
Telephone 071 987 4233 Fax: 071 538 3429

CENTRE CITY PODIUM 5 HILL STREET BIRMINGHAM B5 4UJ
Telephone 021 616 1060 Fax: 021 616 1246

GROUND FLOOR BLOCK A RICHMOND HOUSE
TERMINUS TERRACE SOUTHAMPTON SO9 1GG
Telephone 0703 233 244 Fax: 0703 231 598

Designed by: Drawn by: Checked by:
Date: JUNE 92 Scale: work to figured dimensions
Drawing No. L/8859C/P78

A S B U I L T

GENERAL NOTES

GENERAL NOTES TO STANCHION SCHEDULE

COLUMN SPLICING FLANGE PLATES TO BE FITTED INSIDE FLANGES.
COLUMNS BETWEEN BASEMENT AND MINUS ONE ARE TO BE
RETE CASED.

S NOTED THUS "+" IN THE TABLE ARE CARRIED BY BEAMS AS SHOWN ON THE GENERAL ARRANGEMENT PLANS.

NOTIONAL FORCES PROVIDED ARE FACED AND MUST ALSO BE
IN CONJUNCTION WITH 1.4x D.L. + 1.6x L.L. IN EITHER UPW-
ARD DIRECTION.

LOADS AT ES ARE D THUS:	1600	dead (unfactored)
	700	live (unfactored)
	170	accident (unfactored)
	60	Mx (factored)
	1000	My (factored)
	100	F _x (Notional load)
	666	F _y Shear (factored)
	845	wind (unfactored)

GED STANCHIONS, PLUS EXTENSION PIECES, SUPPLIED
THE PILING CONTRACTOR.

COLUMNS BELOW LEVEL MINUS ONE
EXISTING AND RETAINED
NEW COLUMNS ABOVE LEVEL MINUS ONE AS NOTED

VERSAL COLUMN SECTIONS

A	152 x 152 x 23UC
B	152 x 152 x 30UC
C	152 x 152 x 37UC
D	
E	
A	203 x 203 x 46UC
B	203 x 203 x 52UC
C	203 x 203 x 60UC
D	203 x 203 x 71UC
E	203 x 203 x 86UC
F	
G	
A	254 x 254 x 73UC
B	254 x 254 x 89UC
C	254 x 254 x 107UC
D	254 x 254 x 132UC
E	254 x 254 x 167UC
F	
G	
A	305 x 305 x 97UC
B	305 x 305 x 118UC
C	305 x 305 x 137UC
D	305 x 305 x 158UC
E	305 x 305 x 198UC
F	305 x 305 x 240UC
G	305 x 305 x 283UC
H	
I	
A	356 x 368 x 129UC
B	356 x 368 x 153UC
C	356 x 368 x 177UC
D	356 x 368 x 202UC
E	
F	
G	
A	356 x 406 x 235UC
B	356 x 406 x 287UC
C	356 x 406 x 340UC
D	356 x 406 x 393UC
E	356 x 406 x 467UC
F	356 x 406 x 551UC
G	356 x 406 x 634UC

95	REVISED TO AS BUILT STATUS	JA
93	REVISIONS CLOUDED	MDJ

93 ISSUED FOR COMMENTS/COMMENCEMENT OF FABRICATION DRAWINGS MOJ

JUNE 9 REMAINS IN PLACE		
TE	DESCRIPTION	BY
AMENDMENTS		
EXCHEQUER COURT		
DESIGN REVIEW SCHEME		208-231

JMN SCHEDULE SHEET 10 OF 10

SPAXE PROPERTIES Ltd.



-47 BLACKFRIARS ROAD LONDON SE1 8PN

SEATTY HOUSE ADMIRALS WAY LONDON E14 9UF

TY PODIUM 5 HILL STREET BIRMINGHAM B5 4UJ

Scalpel -

work to figured dimensions 11.1.3.

DRAWING NO. E/00000/1-92

GENERAL NOTES TO STANCHION SCHEDULE.

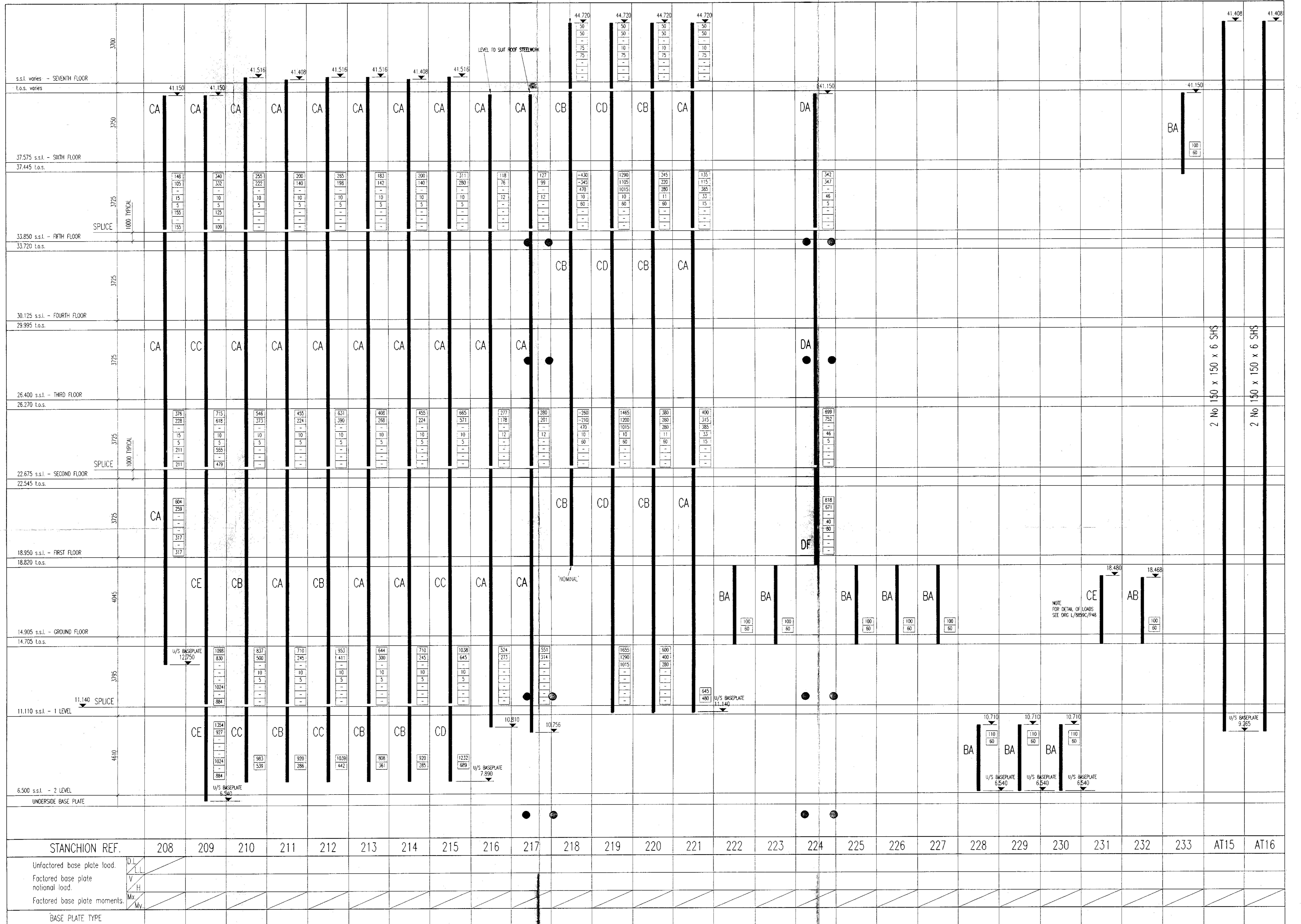
- ALL COLUMN SPUCE FLANGE PLATES TO BE FITTED INSIDE FLANGES.
- ALL COLUMNS BETWEEN BASEMENT AND MINUS ONE ARE TO BE CONCRETE CASED.
- LOADS NOTED THUS "+" IN THE TABLE ARE CARRIED BY BEAMS AND ARE SHOWN ON THE GENERAL ARRANGEMENT PLANS.
- ALL NOTIONAL FORCES PROVIDED ARE FACORED AND MUST ALSO BE TAKEN IN CONJUNCTION WITH 1.4x O.L + 1.6x L.L IN EITHER UPWARD OR DOWNWARD DIRECTION.

5	ALL LOADS AT	1650	dead (unfactored)
	SPUCES ARE	700	live (unfactored)
	NOTED THUS:	170	accident (unfactored)
		50	Mx (factored)
		100	Fy (bending load)
		866	Fz, Shear (factored)
		345	wind (unfactored)

6 PLUNGED STANCHIONS, PLUS EXTENSION PIECES, SUPPLIED BY THE PILING CONTRACTOR.

7 ALL COLUMNS BELOW LEVEL MINUS ONE ARE EXISTING AND RETAINED. RETAINED COLUMNS ABOVE LEVEL MINUS ONE AS NOTED.

AS BUILT

NOTE EOL 218 LIVING A LEVEL 6
MEANING SPACES ARE IN UNGR.

UNIVERSAL COLUMN SECTIONS

AA	152 x 152 x 23UC
AB	152 x 152 x 30UC
AC	152 x 152 x 37UC
BA	203 x 203 x 46UC
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O	19/01/95	REVISED TO AS BUILT STATUS	JA
C	26/5/93	REVISIONS CLOSED	MOU
B	24/5/93	REVISIONS CLOSED	MOU
A	26/7/93	ISSUED FOR COMMENT/COMMENCEMENT OF FABRICATION DRAWINGS CURE 3 REMAINS IN ARREANCE	MOU

REF DATE DESCRIPTION BY AMENDMENTS

TITLE - EXCHEQUER COURT DESIGN REVIEW SCHEME 208-231 COLUMN SCHEDULE SHEET 10 OF 10

CLIENT - SPAKE PROPERTIES Ltd.

ARCHITECT - FITZROY ROBINSON PARTNERSHIP

Waterman Partnership Consulting Civil & Structural Engineers

46-47 BLACKFRIARS ROAD LONDON SE1 8PN
Telephone 01-928 7886 Fax 01-928 3033SUITE 5 BEATTY HOUSE ADMIRALS WAY LONDON E14 9UF
Telephone 01-987 4233 Fax 01-538 3429CENTRE CITY PODIUM 5 MILL STREET BIRMINGHAM B5 4UU
Telephone 021 616 1060 Fax 021 616 1246Designed by - Scales - work to figured dimensions N.T.S.
Drawn by - Checked by - Date - JUNE 92

DRAWING NO. L/8859C/P92

AS BUILT

GENERAL NOTES

All Notes and Reference Drawing See

GENERAL NOTES TO STANCHION SCHEDULE.

- LL COLUMN SPLICING FLANGE PLATES TO BE FITTED INSIDE FLANGES.
LL COLUMNS BETWEEN BASEMENT AND MINUS ONE ARE TO BE
CONCRETE CASED.

LOADS NOTED THUS "+" IN THE TABLE ARE CARRIED BY BEAMS AND
ARE SHOWN ON THE GENERAL ARRANGEMENT PLANS.

LL NOTIONAL FORCES PROVIDED ARE FACTORED AND MUST ALSO BE
TAKEN IN CONJUNCTION WITH $1.4 \times$ D.L. + $1.6 \times$ LL. IN EITHER UPWARD
OR DOWNWARD DIRECTION.

LL LOADS AT PLACES ARE OTED THUS:	1650	dead (unfactored)
	700	live (unfactored)
	170	accident (unfactored)
	60	Mx (factored)
	1000	My (factored)
	100	F _n (Notional load)
	666	F _v Shear (factored)
	845	wind (unfactored)

LUNGED STANCHIONS, PLUS EXTENSION PIECES, SUPPLIED
BY THE PILING CONTRACTOR.

ALL COLUMNS BELOW LEVEL MINUS ONE
ARE EXISTING AND RETAINED
RETAINED COLUMNS ABOVE LEVEL MINUS ONE AS NOTED

UNIVERSAL COLUMN SECTIONS

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AB		152 x 152 x 30UC
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FF		356 x 406 x 551UC
FG		356 x 406 x 634UC

This structural floor plan illustrates the layout of columns and beams across seven floors, from the Ground Floor up to the Seventh Floor. The plan shows the following key features:

- Floor Labels:** SEVENTH FLOOR, SIXTH FLOOR, FIFTH FLOOR, FOURTH FLOOR, THIRD FLOOR, SECOND FLOOR, FIRST FLOOR, GROUND FLOOR, and 1 LEVEL.
- Column Types:** BA (Bent Column), CA (Cantilever Column), BC (Bent Column), CE (Cantilever Column), and SPICE (Splice).
- Base Plate Dimensions:** Various dimensions are indicated for base plates, such as 3700, 3750, 3725, 3725, 3725, 3725, 4045, 3795, 4610, and 11140. Specific base plate details include:
 - 1 LEVEL: 10.810 x 10.810 mm, U/S BASEPLATE, NOMINAL LOAD 15,000.
 - 1 LEVEL: 10.810 x 10.810 mm, U/S BASEPLATE, NOMINAL LOAD 15,000.
 - 1 LEVEL: 300 x 300 mm, 350 x 350 mm.
- Base Plate Loads:** D.L. (Dead Load) and L.L. (Live Load) are shown for the base plates.
- Base Plate Moments:** Mx and My are indicated for the base plates.
- Stanchion Reference:** A table provides stanchion references for each column, ranging from 187 to 207.
- Base Plate Type:** PLUNGED is the type of base plate used throughout the structure.

1	All materials and workmanship shall be in accordance with the Consulting Engineer's specification.
2	This drawing is to be read in conjunction with relevant Architect's and Engineer's drawings.
3	This drawing has been designed to accommodate the following loadings in excess of self weight:

LOCATION	TYPE OF LOAD	KN/m ²
Level 0 (two plant)	IMPOSED LOAD	10.0
Level Minus One (car park mezzanine)	IMPOSED LOAD	5.0
Level Minus One (offices)	IMPOSED LOAD	4.0
Level 0 - 6 (offices)	IMPOSED LOAD	1.0
Partitions	IMPOSED LOAD	1.0
Level 7 (general)	IMPOSED LOAD	1.5
Level 7 (plant)	IMPOSED LOAD	7.5

4 On all occupied floors holes or other openings be cut or disposed in any part of the structure without prior approval of the Consulting Engineer.

5 This drawing should not be scaled, any discrepancies in dimensions are to be referred to the Consulting Engineer before work is put in hand.

6 Structural steelwork is to be:

UBS: 508

UCS as per section 508, (508 where flange thickness > 25mm).

UCS as per section 508, (508 where flange thickness > 25mm).

Plate grades: 50C

Fittings: A3A (except where design requires 50B)

All structural work is to be in accordance with B.S. 5950 and B.S. 4500 and in accordance with the Engineer's specification.

Internal steelwork will be free of Mill scale and will not be painted.

Plant room steelwork is to be galvanised (BS 5920 Part 4).

For horizontal bracing see drawing number L/8859/P31, P32 & P33

STUD SPACING: Edge & spine beams 300 c/c

Elsewhere (unless noted otherwise) 152 c/c

All beams in EAST/WEST direction with pockets except beams on axes X32, X33 & X34, T12 & T13.

Spacings between columns - 152 c/c in general.

Spacings beyond openings - 152 c/c in a single row.

TIES: Edge members

Internal ties as indicated on tables.

Reactions (including loads) are shown as [DE] & by table.

Centre line of columns and beam spans noted otherwise.

No allowance has been made for specific fixings in riser shafts. Exact method is to be agreed with the main contractor and local services contractor.

All important connection flanges shall be tested as necessary for laminar defects by Ultrasonic methods and shall be replaced if not in accordance with grades E1 & E2 BS 5950, Methods for Ultrasonic Testing of Steel Structures for Quality Control of Ferrous Plates. Plates behind all major welds shall be fully of laminations.

All beams as erected on site must have an upward camber in the range 0 to +10mm. This camber can be achieved by precambering or by reducing camber prior to fabrication to make use of the rolling-induced natural camber.

19 Tie forces for connection design

perimeter ties at edge of building have half values given below

level: 7th North/South 340


level: 7th PLANT North/South 310

level: 7th PLANT North/South 1000

East/West 695

20 For details of tower and lowerette see drawing number L/8859/P37.

* - INDICATES SETTING OUT DIMENSION TO BE CONFIRMED ON SITE BY THE ARCHITECT.



EXCHEQUER COURT DESIGN REVIEW SCHEME SEVENTH FLOOR PLAN

CLIENT: SPAKE PROPERTIES Ltd.

ARCHITECT: FITZROY ROBINSON PARTNERSHIP

Waterman Partnership
Consulting Civil & Structural Engineers

46-47 BLACKFRIARS ROAD LONDON SE1 8PN
Telephone 071 928 7688 Fax 071 928 3033

SUITE 5 BEATTY HOUSE ADMIRALS WAY LONDON E14 9UF
Telephone 071 987 4233 Fax 071 938 3429

CENTRE CITY PODIUM 5 HILL STREET BIRMINGHAM B5 4UJ
Telephone 021 616 1080 Fax 021 616 1246

GROUND FLOOR BLOCK A RICHMOND HOUSE
TERMINUS TERRACE SOUTHAMPTON SO9 1QG
Telephone 0703 233 244 Fax 0703 231 596

REF.	DATE	DESCRIPTION	BY
L	19/3/93	REVISIONS CLOSED	JA
K	29/9/94	REVISIONS CLOSED	SPK
J	26/3/93	REVISIONS CLOSED	MJ
H	26/6/93	REVISIONS CLOSED	MJ
G	14/6/93	REVISIONS CLOSED	MJ
E	24/5/93	REVISIONS CLOSED	MJ
D	14/5/93	BEAM ADDED 112x112 - CORE 4 & 5 POYD BEAMS REVO, COLUMNS, POSTS & RESTRAINTS ADDED AS INDICATED	MJ
C	26/3/93	ISSUED FOR COMMENTS/COMMENCEMENT OF FABRICATION DRAWINGS	MJ
B	12/2/93	NORTH BLOCK ADDED, CLODED AREA ISSUED FOR ASSESSMENT BY BOTH'S STEELWORK, THE REMAINING NORTH BLOCK & ATRIUM AREAS STAY IN ALIVE	MJ
A	22/1/93	Possible alterations allowed by both's steelwork	MJ
REF.	DATE	DESCRIPTION	BY
AMENDMENTS			
TITLE -			
EXCHEQUER COURT DESIGN REVIEW SCHEME SEVENTH FLOOR PLAN			
CLIENT - SPAKE PROPERTIES Ltd.			
ARCHITECT - FITZROY ROBINSON PARTNERSHIP			
Waterman Partnership Consulting Civil & Structural Engineers			
46-47 BLACKFRIARS ROAD LONDON SE1 8PN Telephone 071 928 7688 Fax 071 928 3033			
SUITE 5 BEATTY HOUSE ADMIRALS WAY LONDON E14 9UF Telephone 071 987 4233 Fax 071 938 3429			
CENTRE CITY PODIUM 5 HILL STREET BIRMINGHAM B5 4UJ Telephone 021 616 1080 Fax 021 616 1246			
GROUND FLOOR BLOCK A RICHMOND HOUSE TERMINUS TERRACE SOUTHAMPTON SO9 1QG Telephone 0703 233 244 Fax 0703 231 596			
Designed by: MD Jones Drawn by: MD Jones Checked by: MD Jones Date: January 1993 DRAWING NO. L/8859C/P30			

AS BUILT

GENERAL NOTES

- All materials and workmanship shall be in accordance with the Consulting Engineer's specification.
 - This drawing is to be read in conjunction with relevant Architect's and Engineer's drawings.
 - The structure has been designed to accommodate the following loadings in excess of self weight:
- | LOCATION | TYPE OF LOAD | kN/LOAD |
|----------------------------|--------------|---------|
| Level Minus Two (plant) | IMPOSED LOAD | 10.0 |
| Level Minus One (car park) | IMPOSED LOAD | 5.0 |
| Level Minus One (offices) | IMPOSED LOAD | 4.0 |
| Level 0 - 6 (offices) | IMPOSED LOAD | 4.0 |
| Partitions | IMPOSED LOAD | 1.0 |
| Level 7 (general) | IMPOSED LOAD | 1.5 |
| Level 7 (plant) | IMPOSED LOAD | 1.5 |
- 4 On no account should holes or other openings be cut or displaced in any part of the structure without prior approval of the Consulting Engineer.
- 5 All dimensions are to be read in millimetres unless otherwise specified. Where dimensions are to be referred to the Consulting Engineer before work is put in hand.
- 6 Fire resistance: 2.0 hours at and below ground, 1.5 hours above ground.
- 7 Structural Steelwork is to be:
- U.C.'s & beams S08E (50C where flange thickness > 25mm).
 - U.C.'s as columns S0C.
- Fittings: A3A (except where design requires S08E).
- 8 All steelwork design is to be in accordance with BS 5920 Part 4.
- 9 Internal steelwork will be free of mill scale and will not be painted.
- 10 Fit holes through beams see dwgs L/8859/P61-69, P90, P91, P98 & P99
- 11 STUD SPACERS: Edge & spine beams 300 c/c.
Interior (unless noted otherwise) 152 c/c.
- 12 TIES: Edge members.
- 13 Fixtures (brackets and supports) are to be in accordance with BS 5920 Part 4 by type.
- 14 Centres of columns and beams are to be used where applicable.
- 15 No allowance has been made for specific fixings for services in riser shafts. Exact method is to be agreed with the main contractor and the services contractor.
- 16 Base plates and anchor bolts are to be to the subcontractors design.
- 17 All internal compression flanges shall be tested as necessary for laminar defects by ultrasonic methods and shall be replaced if not in accordance with grades LI, CI, E or BS 5995:1980, Steel Plates. Plates taken at all locations which shall be free of longitudinal cracks.
- 18 All beams as erected on site must have upward camber in the range 0 to +10mm. This camber can be achieved by precambering or by rational selection prior to fabrication to make use of the rolling-induced return camber.
- 19 Tie forces for connection design: perimeter ties at edge of building have half values given below level: 6th North / South East / West
540 430
- Suspended slab level = 37.575 a.o.d. u.n.o.
Top of steel = 37.445 a.o.d. u.n.o.

Y.1

Y.2

Y.3

Y.4

Y.5

Y.6

Y.7

Y.8

Y.9

Y.10

Y.11

Y.12

Y.13

Y.14

Y.15

Y.16

Y.17

Y.18

Y.19

Y.20

Y.21

Y.22

Y.23

Y.24

Y.25

A

B

C

D

E

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N

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Q

R

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U

V

W

X

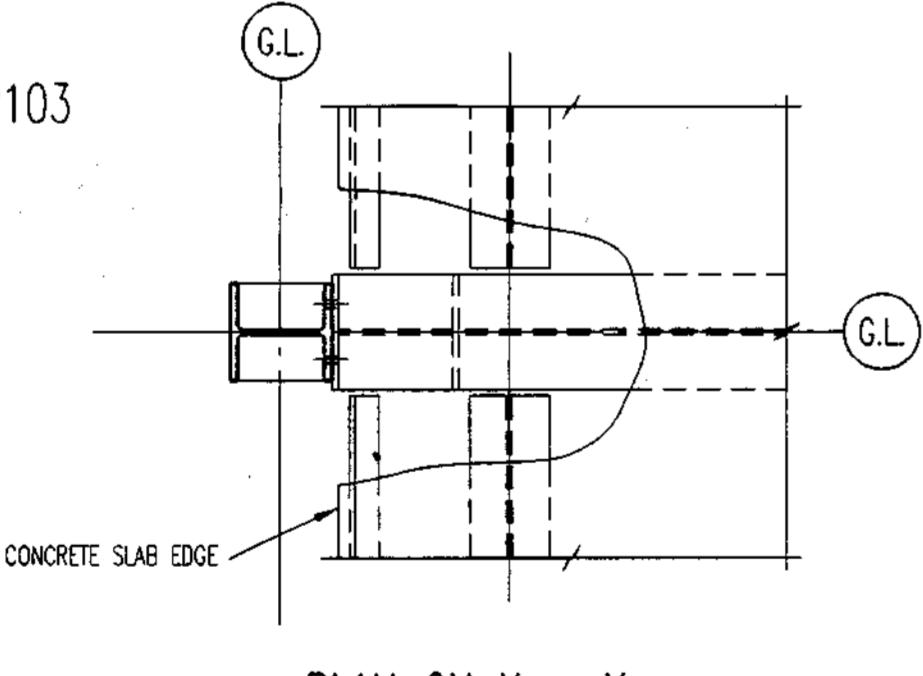
Y

Z

THIS AREA (C TO F/X1 TO X12)
IS TO BE READ IN CONJUNCTION
WITH DRAWING No. L/8859/P103

FOR MAIN CORNICE STEELWORK
REFER TO DRAWING No. L/8859/P103

S.No	BEAM	SHEAR FORCE (ULT.) IN BEAMS		FACTORED S.F. @ SUPPORT (kN) U.N.O.	FACTORED S.F. @ SUPPORT (kN) U.N.O.	FACTORED TORSION APPLIED TO END OF BEAM (kNm)
		EDGE BEAMS	EDGES			
1	LATTICE TRUSS	230	1 533 x 210 x 101UB	350	25	
2	305 x 305 x 137UC	210	2 533 x 210 x 82UB	260	25	
3	305 x 305 x 118UC	200	3 457 x 152 x 52UB	100	25	
4	305 x 305 x 118UC	340	4 457 x 152 x 60UB	125	25	
5	305 x 305 x 97UB	180	5 457 x 152 x 67UB	150	25	
6	254 x 254 x 73UC	170	6 406 x 178 x 74UB	110	25	
7	305 x 165 x 54UB	120	7 457 x 152 x 74UB	125	25	
8	305 x 165 x 46UB	100	8 610 x 229 x 140UB	800	50	
9	305 x 127 x 48UB	100	9 610 x 305 x 140UB	800	50	
10	305 x 127 x 42UB	100	10 610 x 305 x 238UB	800	50	
11	305 x 102 x 25UB	100				



X-X

PLAN

Y-Y

POINT X

POINT Y

G.L.

N.T.S.

N.T.S.

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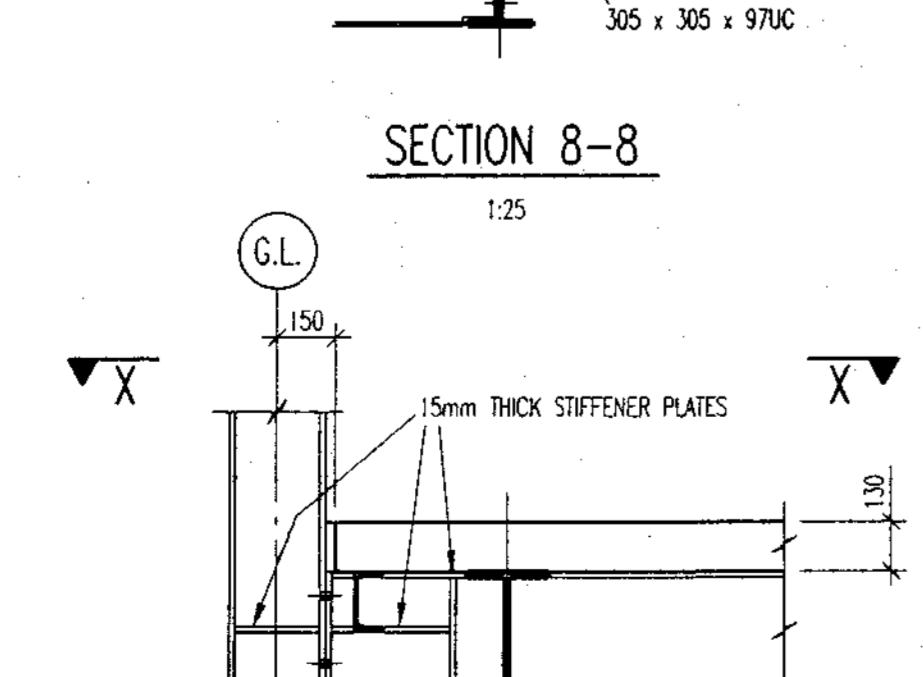
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* * *

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X

SECTION

Y-Y

1:25

AT

X-X

1:25

AT

Y-Y

1:25

AT

Z-Z

AT

A-A

AT

B-B

AT

C-C

AT

D-D

AT

E-E

AT

F-F

AT

G-G

AT

H-H

AT

I-I

AT

J-J

AT

- All materials and workmanship shall be in accordance with the Consulting Engineer's specification.
- This drawing is to be read in conjunction with relevant Architect's and Engineer's drawings.
- The structure has been designed to accommodate the following loadings in excess of self weight:

LOCATION	TYPE OF LOAD	Wt/m ²
Level Minus Two (multi)	IMPOSED LOAD	10.0
Level Minus One (car park)	IMPOSED LOAD	5.0
mezzanine	PARTITION	4.0
Level Minus One (offices)	IMPOSED LOAD	4.0
Level 0 - 6 (offices)	PARTITION	1.0
Level 7 (general)	IMPOSED LOAD	1.5
Level 7 (plant)	IMPOSED LOAD	7.5

4. On no account should holes or other openings be cut or displaced in any part of the structure without prior approval of the Consulting Engineer.

5. This drawing should not be scaled, any discrepancies in dimensions are to be referred to the Consulting Engineer before work is put in hand.

6. Structural steelwork is to be:

U.S.'s 50B (where flange thickness > 25mm)

U.C.'s as per sections 50B, (50C where flange thickness < 25mm)

Plate girders: 50C

Fittings: A3A (where design requires 50B)

8. All structural design is to be in accordance with B.S. 5950 and B.S. 4360 and in accordance with the Engineer's specification.

9. Internal steelwork will be free of Mill scale and will not be painted.

Plant room steelwork is to be galvanised. (to BS 5920 Part 4).

10. Bracing beams are to have max. 70% high studs.

11. Reactions (load factored loads) are shown (see [20]), by the table.

12. Centre line of columns and beams align unless noted otherwise.

13. No allowance has been made for specific fixings for services.

14. All dimensions are to be agreed with the main contractor and the services contractor.

15. Base plate are to be the subcontractors design.

16. All important compression flanges shall be tested as necessary for laminar defects by ultrasonic methods and shall be replaced if not in accordance with U.K. Standard BS 1020 Part 1090.

17. Testing and Specification: Grades of Ferrous Steel Plates: Plates behind all major welds shall be free of laminations.

18. Beam precurve is to be as follows:

B.S. 5950: beam = 15mm, for spans of 7.5m or more.

Plate beams = 15mm.

19. LEVEL = 10.810 m except as noted:

COL. PILE. LEVEL. NOTE:

103 110 10.810 No top plate. Stanchion finishes at this level.

103 64 11.350 No top plate. Stanchion finishes at this level.

178 69 11.350 No top plate. Stanchion finishes at this level.

18. LEVEL = 11.110 m except as below:

COL. PILE. LEVEL. NOTE:

103 64 11.725

SECTION H-H

SECTION G-G

ELEVATION D-D

ELEVATION B-B

ELEVATION C-C

ELEVATION F-F

ELEVATION G-G

ELEVATION H-H

ELEVATION I-I

ELEVATION J-J

ELEVATION K-K

ELEVATION L-L

ELEVATION M-M

ELEVATION N-N

ELEVATION O-O

ELEVATION P-P

ELEVATION Q-Q

ELEVATION R-R

ELEVATION S-S

ELEVATION T-T

ELEVATION U-U

ELEVATION V-V

ELEVATION W-W

ELEVATION X-X

ELEVATION Y-Y

ELEVATION Z-Z

ELEVATION AA-AA

ELEVATION BB-BB

ELEVATION CC-CC

ELEVATION DD-DD

ELEVATION EE-EE

ELEVATION FF-FF

ELEVATION GG-GG

ELEVATION HH-HH

ELEVATION II-II

ELEVATION JJ-JJ

ELEVATION KK-KK

ELEVATION LL-LL

ELEVATION MM-MM

ELEVATION NN-NN

ELEVATION OO-OO

ELEVATION PP-PP

ELEVATION QQ-QQ

ELEVATION RR-RR

ELEVATION SS-SS

ELEVATION TT-TT

ELEVATION UU-UU

ELEVATION VV-VV

ELEVATION WW-WW

ELEVATION XX-XX

ELEVATION YY-YY

ELEVATION ZZ-ZZ

ELEVATION AA-AA

ELEVATION BB-BB

ELEVATION CC-CC

ELEVATION DD-DD

ELEVATION EE-EE

ELEVATION FF-FF

ELEVATION GG-GG

ELEVATION HH-HH

ELEVATION II-II

ELEVATION JJ-JJ

ELEVATION KK-KK

ELEVATION LL-LL

ELEVATION MM-MM

ELEVATION NN-NN

ELEVATION OO-OO

ELEVATION PP-PP

ELEVATION QQ-QQ

ELEVATION RR-RR

ELEVATION SS-SS

ELEVATION TT-TT

ELEVATION UU-UU

ELEVATION VV-VV

ELEVATION WW-WW

ELEVATION XX-XX

ELEVATION YY-YY

ELEVATION ZZ-ZZ

ELEVATION AA-AA

ELEVATION BB-BB

ELEVATION CC-CC

ELEVATION DD-DD

ELEVATION EE-EE

ELEVATION FF-FF

ELEVATION GG-GG

ELEVATION HH-HH

ELEVATION II-II

ELEVATION JJ-JJ

ELEVATION KK-KK

ELEVATION LL-LL

ELEVATION MM-MM

ELEVATION NN-NN

ELEVATION OO-OO

ELEVATION PP-PP

ELEVATION QQ-QQ

ELEVATION RR-RR

ELEVATION SS-SS

ELEVATION TT-TT

ELEVATION UU-UU

ELEVATION VV-VV

ELEVATION WW-WW

ELEVATION XX-XX

ELEVATION YY-YY

ELEVATION ZZ-ZZ

ELEVATION AA-AA

ELEVATION BB-BB

ELEVATION CC-CC

ELEVATION DD-DD

ELEVATION EE-EE

ELEVATION FF-FF

ELEVATION GG-GG

ELEVATION HH-HH

ELEVATION II-II

ELEVATION JJ-JJ

ELEVATION KK-KK

ELEVATION LL-LL

ELEVATION MM-MM

ELEVATION NN-NN

ELEVATION OO-OO

ELEVATION PP-PP

ELEVATION QQ-QQ

ELEVATION RR-RR

ELEVATION SS-SS

ELEVATION TT-TT

ELEVATION UU-UU

ELEVATION VV-VV

ELEVATION WW-WW

ELEVATION XX-XX

ELEVATION YY-YY

ELEVATION ZZ-ZZ

ELEVATION AA-AA

ELEVATION BB-BB

ELEVATION CC-CC

ELEVATION DD-DD

ELEVATION EE-EE

ELEVATION FF-FF

ELEVATION GG-GG

ELEVATION HH-HH

ELEVATION II-II

ELEVATION JJ-JJ

AS BUILT

GENERAL NOTES

General Notes and Reference Drawing See

- GENERAL NOTES TO STANCHION SCHEDULE.**

 - 1 ALL COLUMN SPLICING FLANGE PLATES TO BE FITTED INSIDE FLANGES.
 - 2 ALL COLUMNS BETWEEN BASEMENT AND MINUS ONE ARE TO BE CONCRETE CASED.
 - 3 LOADS NOTED THUS "+" IN THE TABLE ARE CARRIED BY BEAMS AND ARE SHOWN ON THE GENERAL ARRANGEMENT PLANS.
 - 4 ALL NOTIIONAL FORCES PROVIDED ARE FACTORED AND MUST ALSO BE TAKEN IN CONJUNCTION WITH $1.4 \times D.L + 1.6 \times L.L$ IN EITHER UPWARD OR DOWNWARD DIRECTION.
 - 5 ALL LOADS AT SPLICES ARE NOTED THUS:

1650	dead (unfactored)
700	live (unfactored)
170	accident (unfactored)
60	M_x (factored)
1000	M_y (factored)
100	F_x (Notional load)
666	F_y Shear (factored)
845	wind (unfactored)
 - 6 PLUNGED STANCHIONS, PLUS EXTENSION PIECES, SUPPLIED BY THE PILING CONTRACTOR.
 - 7 ALL COLUMNS BELOW LEVEL MINUS ONE ARE EXISTING AND RETAINED
RETAINED COLUMNS ABOVE LEVEL MINUS ONE AS NOTED

UNIVERSAL COLUMN SECTIONS

AA	152 x 152 x 23UC
AB	152 x 152 x 30UC
AC	152 x 152 x 37UC
BA	203 x 203 x 46UC
BB	203 x 203 x 52UC
BC	203 x 203 x 60UC
BD	203 x 203 x 71UC
BE	203 x 203 x 86UC
CA	254 x 254 x 73UC
CB	254 x 254 x 89UC
CC	254 x 254 x 107UC
CD	254 x 254 x 132UC
CE	254 x 254 x 167UC
DA	305 x 305 x 97UC
DB	305 x 305 x 118UC
DC	305 x 305 x 137UC
DD	305 x 305 x 158UC
DE	305 x 305 x 198UC
DF	305 x 305 x 240UC
DG	305 x 305 x 283UC
EA	356 x 368 x 129UC
EB	356 x 368 x 153UC
EC	356 x 368 x 177UC
ED	356 x 368 x 202UC
FA	356 x 406 x 235UC
FB	356 x 406 x 287UC
FC	356 x 406 x 340UC
FD	356 x 406 x 393UC
FE	356 x 406 x 467UC
FF	356 x 406 x 551UC
FG	356 x 406 x 634UC

C	19/03/95	REVISED TO AS BUILT STATUS
B	24/5/93	REVISIONS CLOUDED
A	19/3/93	ISSUED FOR COMMENTS/COMMENCEMENT OF FABRICATION DRAWINGS CORE 3 REMAINS IN ABEYANCE

AMENDMENTS

TITLE:- EXCHEQUER COURT
DESIGN REVIEW SCHEME AT1-AT14
COLUMN SCHEDULE SHEET 1 OF 12

COLUMN SCHEDULE SHEET 1

SPAXE PROPERTIES Ltd.

The logo for Waterman Partnership Consulting Engineers features a stylized graphic of two thick, slanted black bars forming a V-shape, positioned to the left of the company name.

46-47 BLACKFRIARS ROAD LONDON SE1

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SUITE 5 BEATTY HOUSE ADMIRALS WAY LOND

Telephone 01-987 4233 Fax. 01-538

CENTRE CITY PODIUM 5 HILL STREET BIRMINGHAM

Telephone 021 616 1060

Scales: -
work to figured dimensions

Checked by: —

Date: - JAN '93 DRAWING No. 1

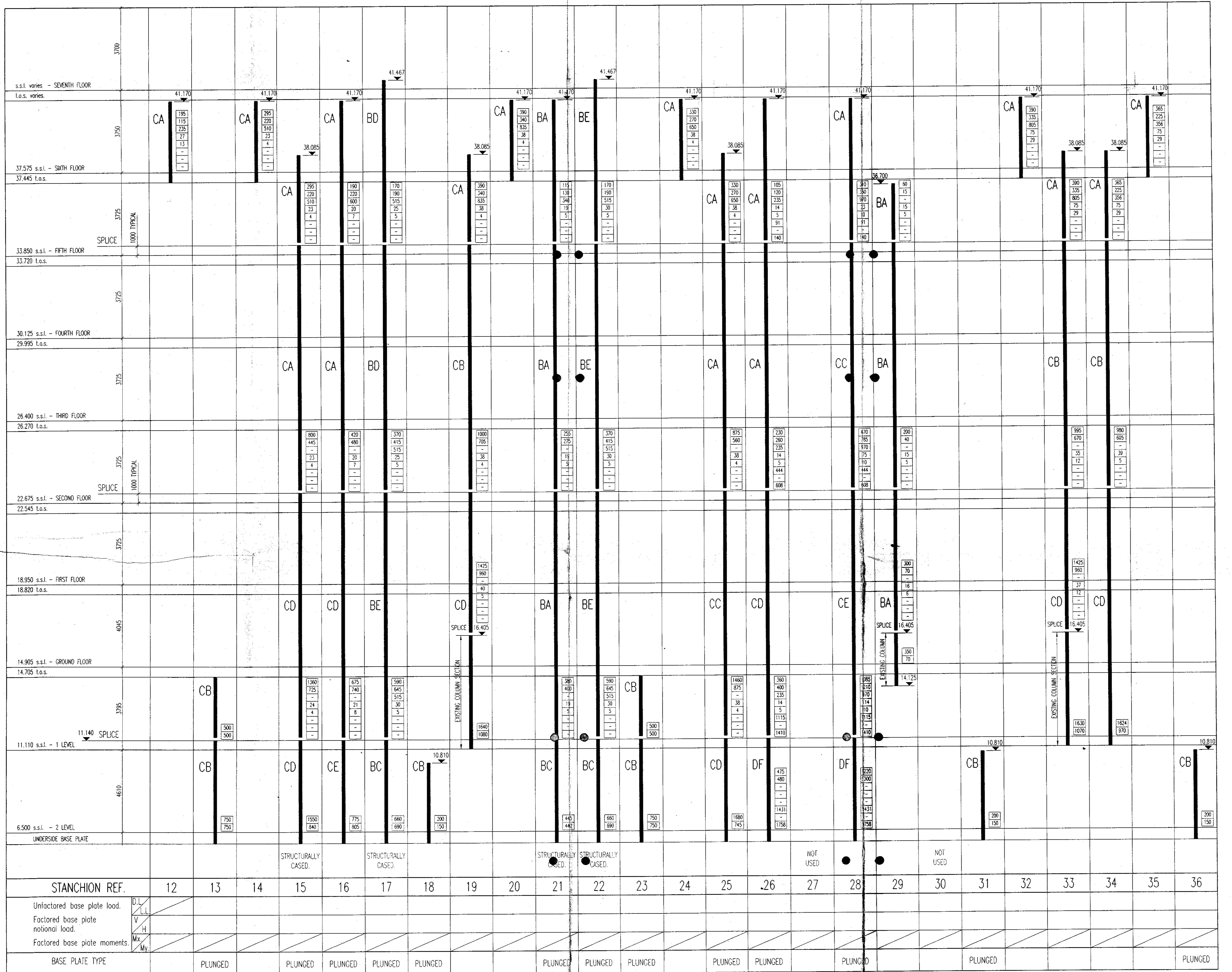
AS BUILT

GENERAL NOTES
For General Notes and Reference Drawing See

- GENERAL NOTES TO STANCHION SCHEDULE.
- ALL COLUMN SPlice FLANGE PLATES TO BE FITTED INSIDE FLANGES.
 - ALL COLUMNS BETWEEN BASEMENT AND MINUS ONE ARE TO BE CONCRETE CASED.
 - LOADS NOTED THUS "+" IN THE TABLE ARE CARRIED BY BEAMS AND ARE SHOWN ON THE GENERAL ARRANGEMENT PLANS.
 - ALL NOTIONAL FORCES PROVIDED ARE FACORED AND MUST ALSO BE TAKEN IN CONJUNCTION WITH 1.4x D.L. + 1.6x LL IN EITHER UPWARD OR DOWNWARD DIRECTION.
 - ALL LOADS AT 1650 dead (unfactored)
170 live (unfactored)
170 occidental (unfactored)
NOTED THUS: 50 Ms (factored)
1000 My (factored)
100 F, (Notional load)
666 F, Shear (factored)
845 wind (unfactored)

6 PLUNGED STANCHIONS, PLUS EXTENSION PIECES, SUPPLIED BY THE PILING CONTRACTOR.

7 ALL COLUMNS BELOW LEVEL MINUS ONE ARE EXISTING AND RETAINED.
RETAINED COLUMNS ABOVE LEVEL MINUS ONE AS NOTED



UNIVERSAL COLUMN SECTIONS	
AA	152 x 152 x 23UC
AB	152 x 152 x 30UC
AC	152 x 152 x 37UC
BA	203 x 203 x 46UC
BB	203 x 203 x 52UC
BC	203 x 203 x 60UC
BD	203 x 203 x 71UC
BE	203 x 203 x 86UC
CA	254 x 254 x 73UC
CB	254 x 254 x 89UC
CC	254 x 254 x 107UC
CD	254 x 254 x 132UC
CE	254 x 254 x 167UC
DA	305 x 305 x 97UC
DB	305 x 305 x 118UC
DC	305 x 305 x 137UC
DD	305 x 305 x 158UC
DE	305 x 305 x 198UC
DF	305 x 305 x 240UC
DG	305 x 305 x 283UC
EA	356 x 368 x 129UC
EB	356 x 368 x 153UC
EC	356 x 368 x 177UC
ED	356 x 368 x 202UC
FA	356 x 406 x 235UC
FB	356 x 406 x 287UC
FC	356 x 406 x 340UC
FD	356 x 406 x 393UC
FE	356 x 406 x 467UC
FF	356 x 406 x 551UC
FG	356 x 406 x 634UC

C	19/03/95	REVISED TO AS BUILT STATUS	JA
B	24/5/95	REVISIONS CLOSED	MOU
A	26/3/93	ISSUED FOR COMMENTS/COMMENCEMENT OF FABRICATION DRAWINGS COPE 3 REMAINS IN ABSENCE	MOU

REF. DATE DESCRIPTION BY

AMENDMENTS

TITLE - EXCHEQUER COURT
DESIGN REVIEW SCHEME
COLUMN SCHEDULE SHEET 2 OF 10 12-36

CLIENT - SPAKE PROPERTIES Ltd.

ARCHITECT - FITZROY ROBINSON PARTNERSHIP

Waterman Partnership
Consulting Civil & Structural Engineers

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SUITE 5 BEATTY HOUSE ADMIRALS WAY LONDON E14 9UF
Telephone 01-987 4233 Fax 01-538 3429

CENTRE CITY PODIUM 5 MILL STREET BIRMINGHAM B5 4JJ
Telephone 021 616 1060 Fax 021 616 1246

Designed by - Scale - N.T.S.
Drawn by - Work to Revised Dimensions
Checked by - Date - JAN '93

DRAWING No. L/8859C/P71

AS BUILT

MERAL NOTES

Notes and Reference Drawing See

GENERAL NOTES TO STANCHION SCHEDULE.

- COLUMN SPLICING FLANGE PLATES TO BE FITTED INSIDE FLANGES.

COLUMNS BETWEEN BASEMENT AND MINUS ONE ARE TO BE
CRETE CASED.

OS NOTED THUS "T" IN THE TABLE ARE CARRIED BY BEAMS AND
SHOWN ON THE GENERAL ARRANGEMENT PLANS.

NOTIONAL FORCES PROVIDED ARE FACTORED AND MUST ALSO BE
USED IN CONJUNCTION WITH 1.4x D.L. + 1.6x L.L. IN EITHER UPWARD
OR DOWNWARD DIRECTION.

LOADS AT	1650	dead (unfactored)
CES ARE	700	live (unfactored)
ED THUS:	170	accident (unfactored)
	60	M _x (factored)
	1000	M _y (factored)
	100	F _x (Notional load)
	666	F _y Shear (factored)
	845	wind (unfactored)

ENDED STANCHIONS, PLUS EXTENSION PIECES, SUPPLIED
THE PILING CONTRACTOR.

COLUMNS BELOW LEVEL MINUS ONE
EXISTING AND RETAINED
ENDED COLUMNS ABOVE LEVEL MINUS ONE AS NOTED

SE COLUMN SECTIONS MARKED WITH 'REPLACE CASING' ARE TO
HAVE THEIR EXISTING CONCRETE CASING REMOVED AND RECASED
USING MINIMUM GRADE C20 CONCRETE REINFORCED IN ACCORDANCE
WITH BS 5950 4.14

UNIVERSAL COLUMN SECTIONS	
AA	152 x 152 x 23UC
AB	152 x 152 x 30UC
AC	152 x 152 x 37UC
BA	203 x 203 x 46UC
BB	203 x 203 x 52UC
BC	203 x 203 x 60UC
BD	203 x 203 x 71UC
BE	203 x 203 x 86UC
CA	254 x 254 x 73UC
CB	254 x 254 x 89UC
CC	254 x 254 x 107UC
CD	254 x 254 x 132UC
CE	254 x 254 x 167UC
DA	305 x 305 x 97UC
DB	305 x 305 x 118UC
DC	305 x 305 x 137UC
DD	305 x 305 x 158UC
DE	305 x 305 x 198UC
DF	305 x 305 x 240UC
DG	305 x 305 x 283UC
EA	356 x 368 x 129UC
EB	356 x 368 x 153UC
EC	356 x 368 x 177UC
ED	356 x 368 x 202UC
FA	356 x 406 x 235UC
FB	356 x 406 x 287UC
FC	356 x 406 x 340UC
FD	356 x 406 x 393UC
FE	356 x 406 x 467UC
FF	356 x 406 x 551UC
FG	356 x 406 x 634UC

C	19/03/95	REVISED TO AS BUILT STATUS	JA
B	24/5/93	REVISIONS CLOUDED	MOJ
A	26/3/93	ISSUED FOR COMMENTS/COMMENCEMENT OF FABRICATION DRAWINGS CORE 3 REMAINS IN ABEYANCE	MOJ
REF.	DATE	DESCRIPTION	BY
AMENDMENTS			
<p>TITLE: - EXCHEQUER COURT DESIGN REVIEW SCHEME COLUMN SCHEDULE SHEET 4 OF 10 62-86</p> <p>CLIENT: - SPAXE PROPERTIES Ltd.</p> <p>ARCHITECT: - FITZROY ROBINSON PARTNERSHIP</p> <p> Waterman Partnership Consulting Civil & Structural Engineers</p> <p>46-47 BLACKFRIARS ROAD LONDON SE1 8PN Telephone 01-928 7888 Fax. 01-928 3033</p> <p>SUITE 5 BEATTY HOUSE ADMIRALS WAY LONDON E14 9UF Telephone 01-987 4233 Fax. 01-538 3429</p> <p>CENTRE CITY PODIUM 5 HILL STREET BIRMINGHAM B5 4UJ Telephone 021 616 1060 Fax. 021 616 1246</p> <p>signed by: - _____ drawn by: - _____ checked by: - _____ Date: - JAN '93</p> <p>Scales: - work to figured dimensions N.T.S. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C</p> <p>DRAWING No. 1 /8859C/P73</p>			