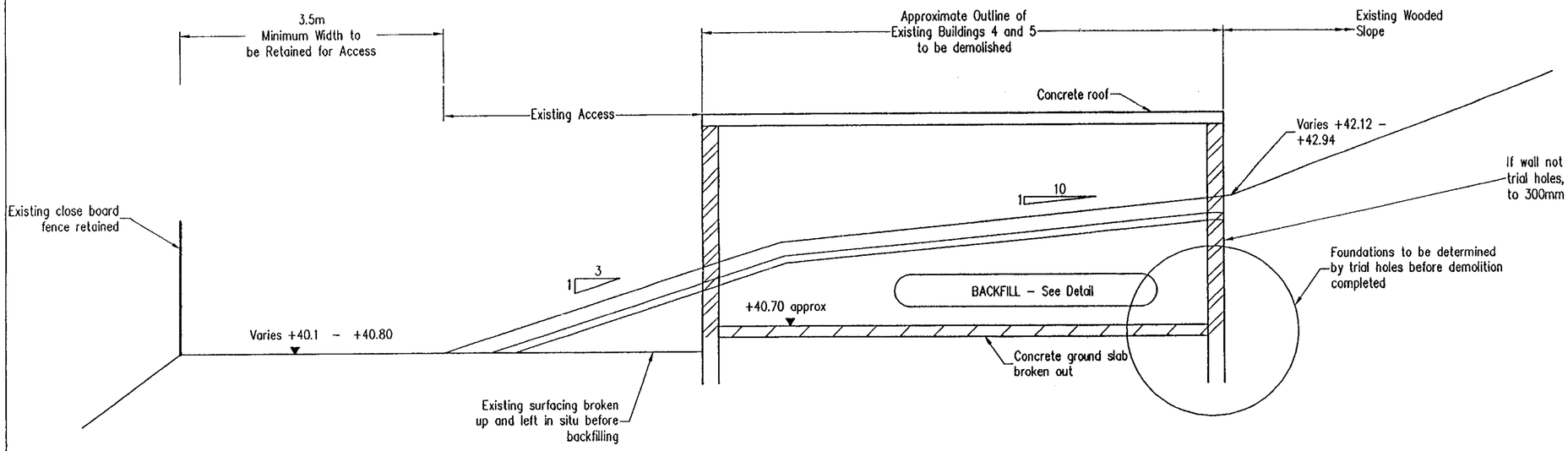
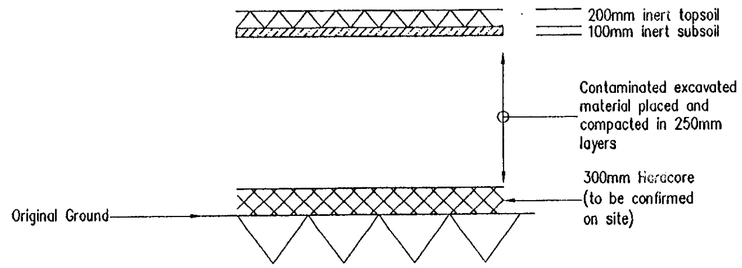


A – A

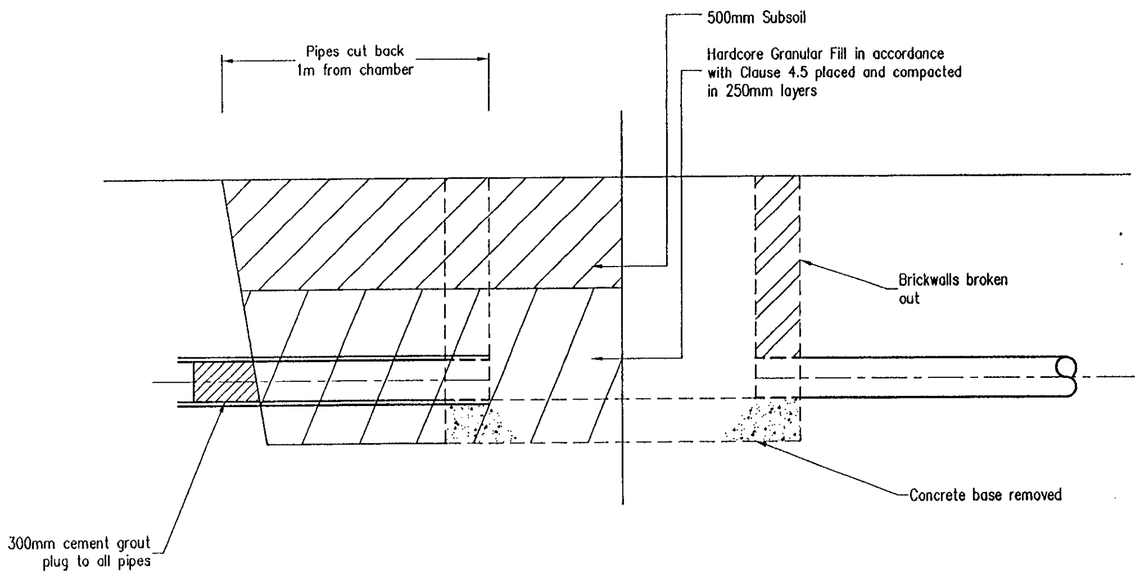
1/50



DETAIL

1/50

BACKFILL SPECIFICATION (NOTE 1)



MANHOLE BACKFILLING

1/20

NOTES

1 Areas of contaminated excavation to be backfilled in accordance with this specification.

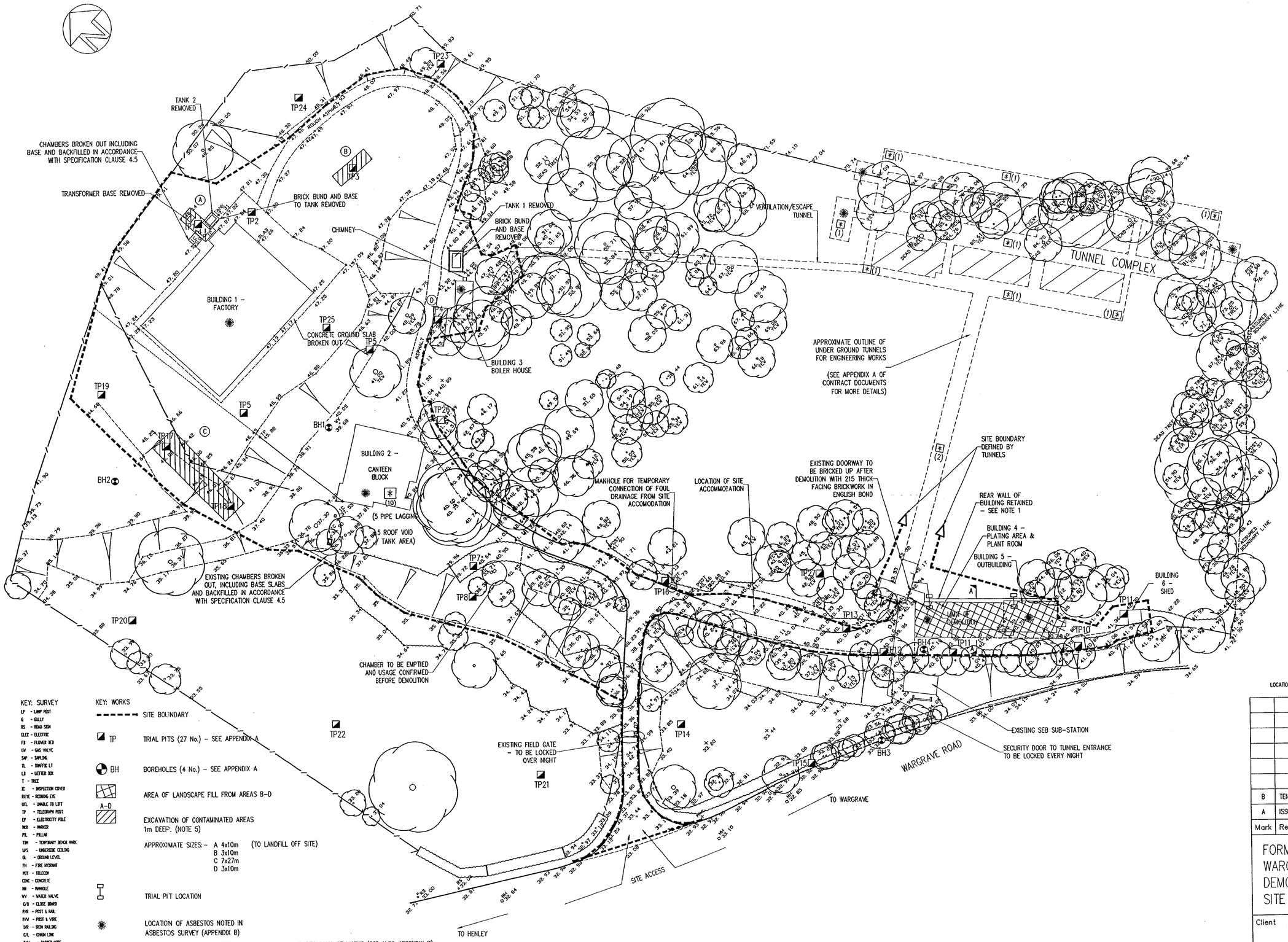
Mark	Revision	Chkd	Date	Drawn
B	TENDER ISSUE	JNP	APR'99	TJH
A	ISSUED FOR CONSULTATION		MAR'99	TJH

FORMER MOD SITE
WARGRAVE ROAD, REMENHAM
DEMOLITION AND SITE REMEDIATION
SECTIONS

Client
MJF INTERIORS LTD
RIVER HOUSE
RIVERSIDE WAY
UXBRIDGE
UB8 2YF

pba
peter brett associates
CONSULTING ENGINEERS
16 WESTCOTE ROAD READING BERKSHIRE RG30 2DE TEL 01189 500761 FAX 01189 597498

Scales 1:50 1:20		Cad Ref. F:projects/10000/10254/acad	
Date MAR'99	Drawn TJH	Drawing No. 10254/03 B	
Checked JNP	1ST Issue		



KEY: SURVEY

LP - LAMP POST
G - GULLY
RS - ROAD SIGN
ELEC - ELECTRIC
FB - FLOWER BED
GV - GAS VALVE
SAP - SAPLING
TL - TRAFFIC LT
LB - LETTER BOX
T - TREE
IC - INSPECTION COVER
RE/HC - RODDING EYE
U/L - UNABLE TO LIFT
TP - TELEGRAPH POST
EP - ELECTRICITY POLE
MKR - MARKER
PIL - PILLAR
TBM - TEMPORARY BENCH MARK
U/S - UNDERSIDE CEILING
GL - GROUND LEVEL
FH - FIRE HYDRANT
PO/T - TELECOM
CONC - CONCRETE
MH - MANHOLE
WV - WATER VALVE
C/B - CLOSE BOARD
P/R - POST & RAIL
P/W - POST & WIRE
B/R - IRON RAILING
C/L - CHAIN LINK
B/W - BARBED WIRE
VP - VENT PIPE
DP - DOWN PIPE
BOLL - BOLLARD
O/H - OVERHEAD
OHW - OVERHEAD WIRE
CL - COVER LEVEL
IL - INVERT LEVEL
FFL - FINISHED FLOOR LEVEL

KEY: WORKS

SITE BOUNDARY

TP TRIAL PITS (27 No.) – SEE APPENDIX A

BH BOREHOLES (4 No.) – SEE APPENDIX A

AREA OF LANDSCAPE FILL FROM AREAS B–D

A–D EXCAVATION OF CONTAMINATED AREAS 1m DEEP. (NOTE 5)

APPROXIMATE SIZES:– A 4x10m (TO LANDFILL OFF SITE)
B 3x10m
C 7x27m
D 3x10m

TRIAL PIT LOCATION

LOCATION OF ASBESTOS NOTED IN ASBESTOS SURVEY (APPENDIX B)

*( ) LOCATION OF POTENTIAL ASBESTOS TO BE CHECKED AT BEGINNING OF WORKS (SEE ALSO APPENDIX B) (No. OF PROPOSED SAMPLES IN BRACKETS)

NOTES: SURVEY

ALL LEVELS RELATIVE TO O. S. DATUM

OSBM USED : MILL POOL COTTAGE, WARGRAVE ROAD.
VALUE : 33.18m

ARBITRARY GRID USED

WHILE ALL POSSIBLE EFFORT HAS BEEN MADE TO IDENTIFY SERVICES, WE ARE UNABLE TO DETAIL COVERS BURIED OR OBSCURED AT THE TIME OF SURVEY.

SCOPE OF WORKS

1 Establish secure site.

2 Arrange for reconnection of mains services if required.

3 Remove hazardous materials (Asbestos) from points noted and chrome plating equipment (Building 4).

4 Provide access and take samples from potential/suspected areas of asbestos for analysis (Note 4).

5 Demolish buildings 1–6 to ground level and break out/remove all ground slabs and footings. (see Note 1.)

6 Remove 2 N° above ground tanks and dispose.

7 Demolish and remove tanks bund walls and slabs.

8 Break out underground chambers and manholes and backfill in accordance with Specification

9 Work within Tunnel Complex.

9.1 Establish tempory lighting and ventilation as required.

9.2 Remove isolated woven asbestos fabric from electrical switchgear.

9.3 Remove redundant electrical switchgear and ventilation plant and dispose off site.

9.4 Working in sequence, progressively clear tunnel complex areas of rubbish and debris to allow clear access to floor.

9.5 Vacuum clean all floorareas of dust, load into plastic dustbins and dispose arisings to suitable landfill.

9.6 Brick up access to plating plant area.

9.7 Remove temporary services from tunnels.

10 Excavate contaminated areas A–D identified to depth of 1m.

11 Arisings from excavation A to go to licenced engineered landfill, from B–D to be placed in landscape area at Buildings 4 & 5.

12 Backfill excavations with 0.5m granular material and 0.5m inert subsoil. (Note 5)

NOTES

1 Buildings 4 & 5 – after demolition of roof and front wall, excavate four trial pits at approximate locations shown to determine foundations. Following approval from Engineer, break out base slab to agreed position and place backfill.

2 Fires not permitted on site.

3 See drawing 10254/03 for section

4 High level access (mobile scaffold tower or scissor lift) to be provided to areas where further asbestos suspected (see appendix B)

5 See specification for requirements for contamination testing.

LOCATION SURVEYED BY 'SHAW COLGATE' JOB NO. MJF/C2575

Mark	Revision	Chkd	Date	Drawn
B	TENDER ISSUE		APR'99	TJH
A	ISSUED FOR CONSULTATION		MAR'99	TJH

FORMER MOD SITE
WARGRAVE ROAD, REMENHAM
DEMOLITION AND SITE REMEDIATION
SITE PLAN

Client: MJF INTERIORS LTD
RIVER HOUSE
RIVERSIDE WAY
UXBRIDGE
UB8 2YF

peter brett associates
CONSULTING ENGINEERS
16 WESTCOTE ROAD READING BERKSHIRE RG30 2DE TEL 01189 500761 FAX 01189 597498

Scales 1:500
Cad Ref. F: projects/10000/10254/acad
Date MAR'99 Drawn TJH
Checked JNP 1st Issue
Drawing No. 10254/02 B