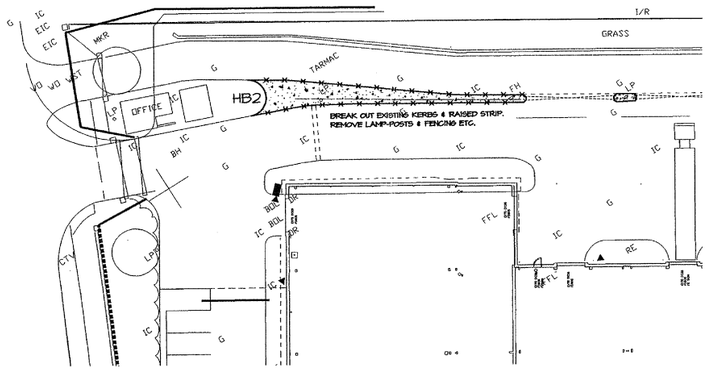
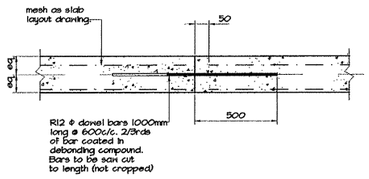
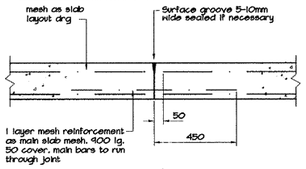
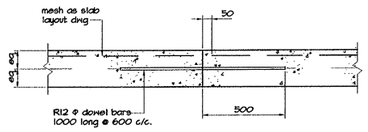




DEBONDED LONGITUDINAL JOINT - DLJ.



TIED INDUCED JOINT-TIJ



LONGITUDINAL JOINT - L.J.

NOTES:-

1. This drawing to be read in conjunction with Fletcher Bennett dwg. 57188/100 & 200
2. Appropraite transition kerbs to be provided at all changes in kerb type.
3. All road markings and signs to be in accordance with "the traffic signs regulations and general directions 1994" and the relevant chapters of the Traffic Signs manual. (All "diagram numbers" shown for markings refer to that publication.
4. All road markings within adoptable limits to be reflectorised thermeplastic screed with applied solid glass beads to local authority requirements.
5. For details of works required to services see Faarup Associates drawings.
6. For details of kerb types and pipe bedding details see RCL drg. M25556 / 201
7. All works are to be carried out in accordance with the requirements of the DoT Manual of Contract Documents for Highway Works, Volume 1 (Specification), and all relevant Knowsley MBC standard specifications and details.

LEGEND

BREAK OUT EXISTING CONSTRUCTION AND REPLACE WITH ADOPTABLE CARRIAGEWAY: 40mm HRA WEARING COURSE (cl 911)
60mm DBM BASE COURSE (cl 906)
200mm DBM ROADBASE (cl 904)
250mm TYPE 1 SUB-BASE (cl 803)

BREAK OUT EXISTING TARMAC AND/OR FOUNDATIONS AND REPLACE WITH NEW CONCRETE SERVICE ROAD TO SPECIFICATION GIVEN.

LANDSCAPED GRASSED AREAS IN ACCORDANCE WITH FLETCHER BENNETT ARCHITECTS DWG. 57188/200

BREAK OUT EXISTING KERBS

TK ELLIS-TREIF SAFETY KERBS-TYPE 6 ST/2A OR SIMILAR APPROVED

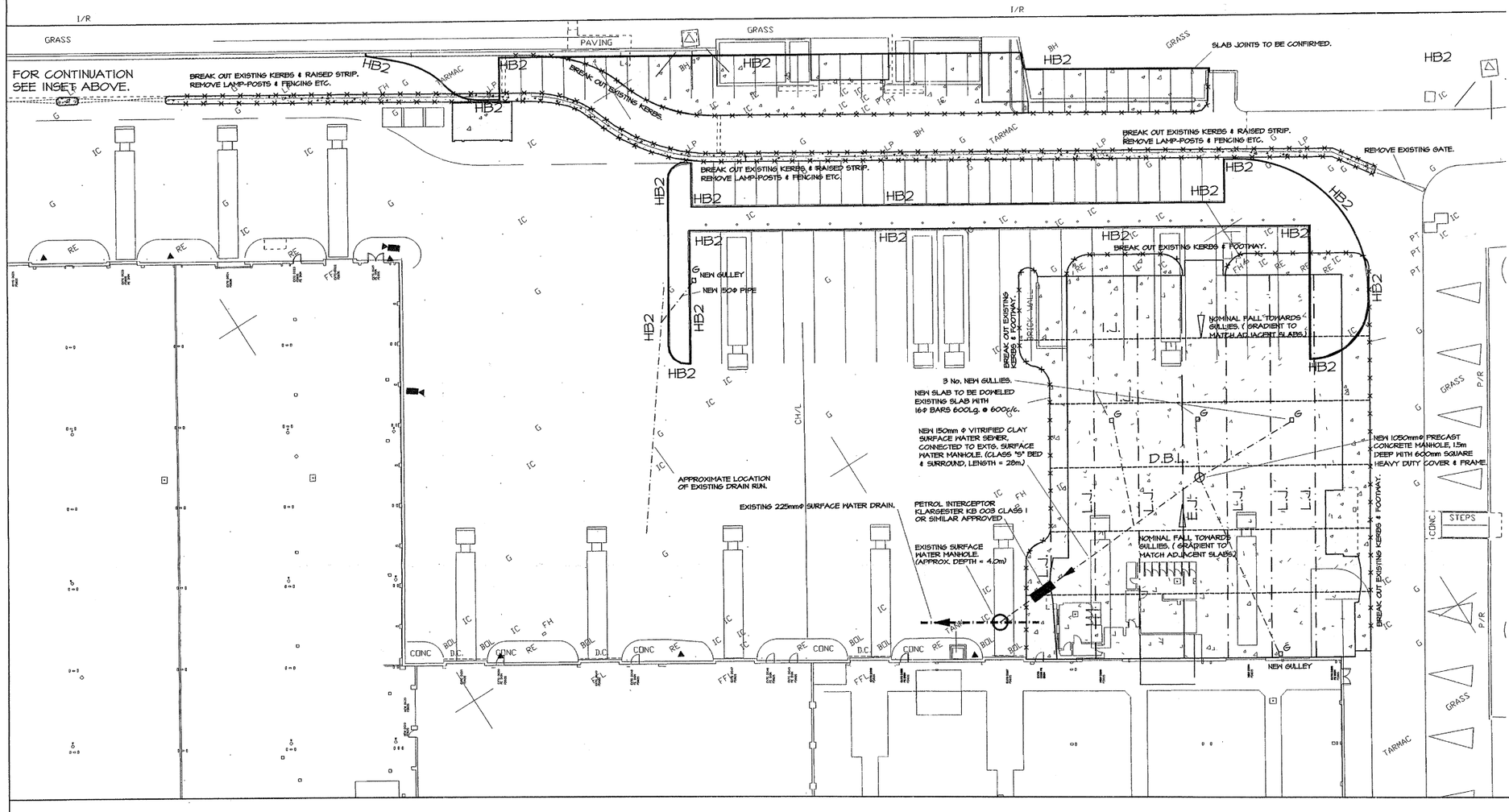
E.J. -: DENOTES EXPANSION JOINT

L.J. -: DENOTES LONGITUDINAL JOINT

T.J. -: DENOTES INDUCED JOINT

D.B.L. -: DENOTES DEBONDED LONGITUDINAL JOINTS.

AS BUILT DRAWING



REV	DATE	NAME	REVISION	REV' CHECK
F	30.01.01	PKB	Petrol Interceptor added.	
E	16.01.01	RAB	AS BUILT.	
D	1.12.00	msm	2 No gulleys added.	
C	9.11.00	RAB	JOINT LAYOUT ADDDED.	
B	25.9.00	PKB	REVISED CAR PARKING LAYOUT.	
A	19.6.00	PMA	SCALED UP TO 1:250 SCALE (at A1). SPEED HUMPS REMOVED (NOW SHOWN ON DRG 204). GULLY OUTFALL ADDED.	

ACCESS/ SERVICE ROAD PAVEMENT CONSTRUCTION/ SHEET 2 of 2

APP/00/00204/00A
(MD) rec'd 08/02/01

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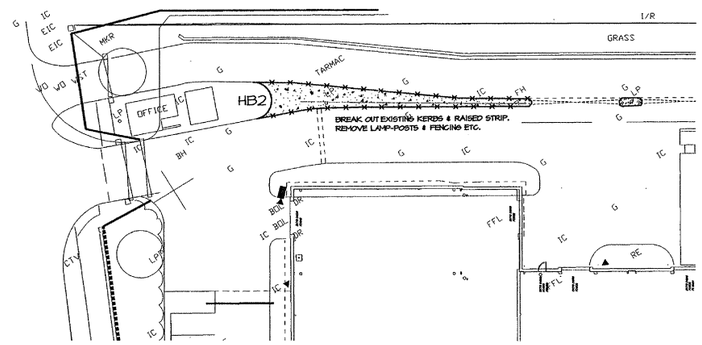
Edinburgh
Tele No 0044 (0)131-467-7979
Facsimile No 0044 (0)131-467-7757
e-mail address:
rcl-edinburgh@roscoe.co.uk

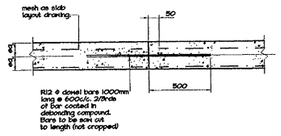
DRAWN AT	OFFICE	DRAWN BY	C.A.D.
CHEADLE HULME		PMA	
SCALE	DATE	CHECKED BY	
1:250 @ A1	6.6.00		

CONTRACT No	DRAWING No
M25556	203 F

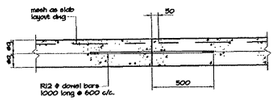
BURFORD GROUP PLC — MOORGATE ESTATE — KNOWSLEY

26

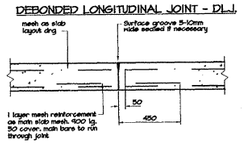




DEBONDED LONGITUDINAL JOINT - DLJ.



LONGITUDINAL JOINT - LJ.



TIED INDUCED JOINT-TIJ

NOTES:-

1. This drawing to be read in conjunction with Fletcher Bennett dwg. 51188/100 & 200
2. Appropraite transition kerbs to be provided at all changes in kerb type.
3. All road markings and signs to be in accordance with "the traffic signs regulations and general directions 1994" and the relevant chapters of the Traffic Signs manual. (All "diagram numbers" shown for markings refer to that publication.
4. All road markings within adoptable limits to be reflectorised thermeplastic screed with applied solid glass beads to local authority requirements.
5. For details of works required to services see Faarup Associates drawings.
6. For details of kerb types and pipe bedding details see RCL drg. M25556 / 201
7. All works are to be carried out in accordance with the requirements of the DoT Manual of Contract Documents for Highway Works, Volume 1 (Specification), and all relevant Knowsley MBC standard specifications and details.

LEGEND

BREAK OUT EXISTING CONSTRUCTION AND REPLACE WITH ADOPTABLE CARRIAGEWAY: 40mm HRA WEARING COURSE (cl 911)
60mm DBM BASE COURSE (cl 906)
200mm DBM ROADBASE (cl 904)
250mm TYPE 1 SUB-BASE (cl 803)

BREAK OUT EXISTING TARMAC AND/OR FOUNDATIONS AND REPLACE WITH NEW CONCRETE SERVICE ROAD TO SPECIFICATION GIVEN.

LANDSCAPED GRASSED AREAS IN ACCORDANCE WITH FLETCHER BENNETT ARCHITECTS DWG. 51188/200

BREAK OUT EXISTING KERBS

TK ELLIS-TREIF SAFETY KERBS-TYPE G ST/2A OR SIMILAR APPROVED

E.J. -: DENOTES EXPANSION JOINT

L.J. -: DENOTES LONGITUDINAL JOINT

I.J. -: DENOTES INDUCED JOINT

D.B.L. -: DENOTES DEBONDED LONGITUDINAL JOINTS.

RECEIVED
- 4 DEC 2000
ACTION
AME

REV	DATE	NAME	REVISION	REV' CHECK
D	1:12:00	MSM	2 No gulleys added.	
C	3:11:00	RAB	JOINT LAYOUT ADDDED.	
B	25:9:00	PKB	REVISED CAR PARKING LAYOUT.	
A	13:6:00	PMA	SCALED UP TO 1:250 SCALE (at A1). SPEED HUMPS REMOVED (NOW SHOWN ON DRG 204). GULLY OUTFALL ADDED.	

ACCESS/ SERVICE ROAD PAVEMENT CONSTRUCTION/ SHEET 2 of 2

APP/00/00204/COU
Rec'd 4/12/00 Cond (6).

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e-mail address:
rcl-watford@roscoe.co.uk
Edinburgh
Tele No 0044 (0)131-467-7979
Facsimile No 0044 (0)131-467-7757
e-mail address:
rcl-edinburgh@roscoe.co.uk

DRAWN AT	OFFICE	DRAWN BY	C.A.D.
CHEADLE HULME		PMA	
SCALE 1:250 @ A1	DATE 6:6:00	CHECKED BY	

CONTRACT No	DRAWING No
M25556	203 D

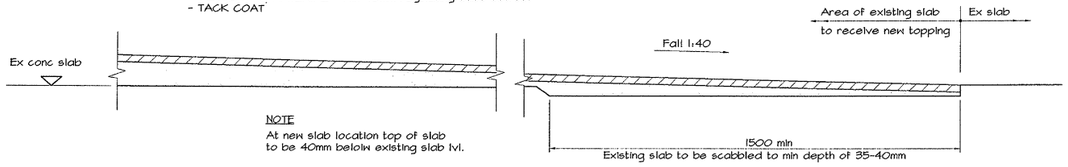
BURFORD GROUP PLC — MOORGATE ESTATE — KNOWSLEY

NOTES:-

1. This drawing to be read in conjunction with Fletcher Bennett dwg. 57188/100 & 200
2. Appropraite transition kerbs to be provided at all changes in kerb type.
3. All road markings and signs to be in accordance with "the traffic signs regulations and general directions 1994" and the relevant chapters of the Traffic Signs manual. (All "diagram numbers" shown for markings refer to that publication.
4. All road markings within adoptable limits to be reflectorised thermeplastic screed with applied solid glass beads to local authority requirements.
5. For details of works required to services see Faarup Associates drawings.
6. All works are to be carried out in accordance with the requirements of the DoT Manual of Contract Documents for Highway Works, Volume 1 (Specification), and all relevant Knowsley MBC standard specifications and details.

APP/00/00204/con Rec'd 4/12/00
Card (6) Surface water reg.

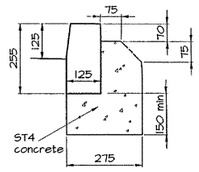
PROPOSED NEW ROAD SURFACE
- WEARING COURSE - 25mm thk DBM.
- REGULATING MATERIAL - Min 40mm regulating base course.
- TACK COAT



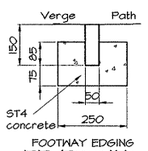
SECTION 1-1
Through area of slab to be resurfaced

LEGEND

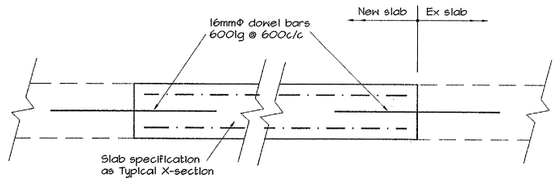
- BREAK OUT EXISTING CONSTRUCTION AND REPLACE WITH ADOPTABLE CARRIAGEWAY:- 40mm HRA WEARING COURSE (cl 912) 60mm DBM BASE COURSE (cl 929) 150mm TYPE 1 SUB-BASE (cl 803) 250mm TYPE 1 SUB-BASE (cl 803)
- BREAK OUT EXISTING TARMAC AND/OR FOUNDATIONS AND REPLACE WITH NEW CONCRETE SERVICE ROAD TO SPECIFICATION GIVEN.
- RAISED ISLAND CONSTRUCTION:- 20mm HRA WEARING COURSE 60mm DBM BASECOURSE 100mm TYPE 1 SUB-BASE
- BREAK OUT EXISTING KERBS
- TK ELLIS-TRIEF SAFETY KERBS-TYPE 6 ST/2A OR SIMILAR APPROVED
- LANDSCAPED (GRASSED AREAS IN ACCORDANCE WITH FLETCHER BENNETT ARCHITECTS DWG. 57188/200



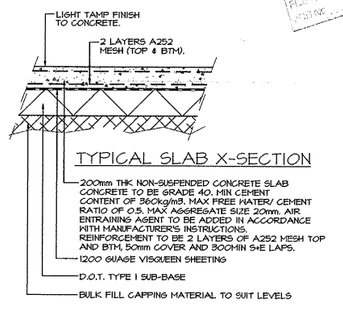
HALF BATTER
HB2 KERB



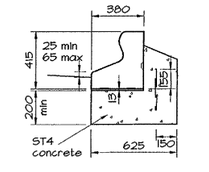
FOOTWAY EDGING
EF EDGING



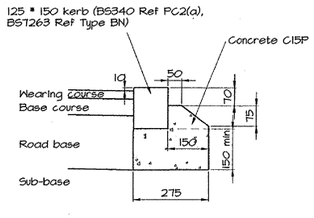
TYPICAL INFILL SLAB SECTION



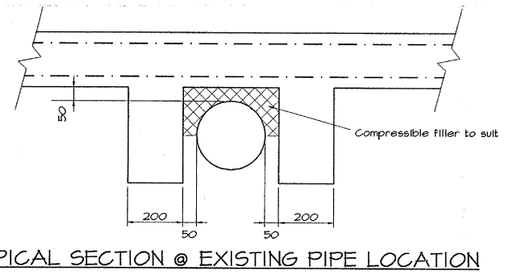
TYPICAL SLAB X-SECTION



SAFETY KERB
TK (TRIEF KERB.)



DROPPED KERB
(Indicated as DK on plan)



TYPICAL SECTION @ EXISTING PIPE LOCATION

RECEIVED
- 4 DEC 2000
ACTION:
FILE NAME:
REPLY:

REV	DATE	NAME	REVISION	REV' CHECK
F	01.12.00	MSM	3No gulleys added.	
E	23.10.00	PKB	ROAD ALIGNMENT UPDATED TO SUIT ARCHITECTS LATEST SETTING OUT DATA MODIFIED TO SUIT.	
D	13.7.00	JCC	ROAD ALIGNMENT UPDATED TO SUIT ARCHITECTS LATEST. SETTING OUT DATA MODIFIED TO SUIT.	
C	13.6.00	PMA	SPEED HUMPS REMOVED. SETTING OUT TO ENTRANCE/GATEHOUSE AREA ADDED.	PMA
B	1.6.00	PMA	SCALED UP TO 1.250 SCALE (at A1) KERBING ANNOTATION ALTERED. DROP KERBS ADDED AT SUB-STN. ENTRANCE.	PMA
A	12.5.00	J.C.C.	ROAD ALIGNMENT MODIFIED. GATE HOUSE ADJUSTED. GULLIES ADDED EXT GULLY POSITION MODIFIED. TRIEF KERB & GULLY DETAIL ADDED	J.C.C.

ACCESS / SERVICE ROAD: PAVEMENT CONSTRUCTION / ROAD MARKINGS: SHT 1 OF 2

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rcl-watford@roscoe.co.uk
Edinburgh
Tele No 0044 (0)131-467-7979
Facsimile No 0044 (0)131-467-7757
e-mail address:
rcl-edinburgh@roscoe.co.uk

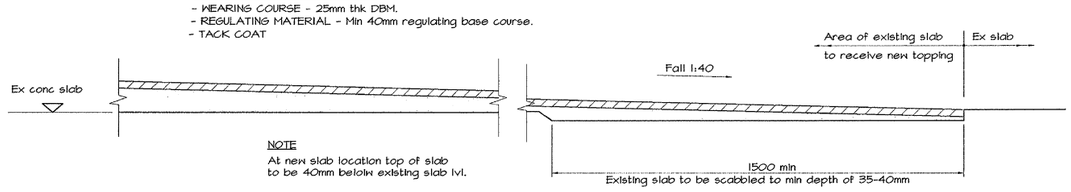
DRAWN AT	OFFICE	DRAWN BY	C.A.D.
CHEADLE HULME		Jon Cooper	
SCALE 1:250 @ A1	DATE 20.3.00	CHECKED BY	
CONTRACT No M25556		DRAWING No 201 F	

BURFORD GROUP PLC — MOORGATE ESTATE — KNOWSLEY

NOTES:-

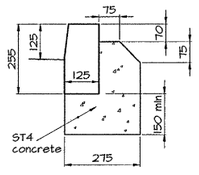
1. This drawing to be read in conjunction with Fletcher Bennett dwg. 57188/100 & 200
2. Appropraite transition kerbs to be provided at all changes in kerb type.
3. All road markings and signs to be in accordance with "the traffic signs regulations and general directions 1994" and the relevant chapters of the Traffic Signs manual. (All "diagram numbers" shown for markings refer to that publication.
4. All road markings within adoptable limits to be reflectorised thermeplastic screed with applied solid glass beads to local authority requirements.
5. For details of works required to services see Faarup Associates drawings.
6. All works are to be carried out in accordance with the requirements of the DoT Manual of Contract Documents for Highway Works, Volume 1 (Specification), and all relevant Knowsley MBC standard specifications and details.

PROPOSED NEW ROAD SURFACE
- WEARING COURSE - 25mm thk DBM.
- REGULATING MATERIAL - Min 40mm regulating base course.
- TACK COAT

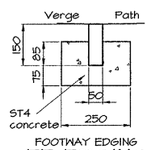


NOTE
At new slab location top of slab to be 40mm below existing slab lvl.

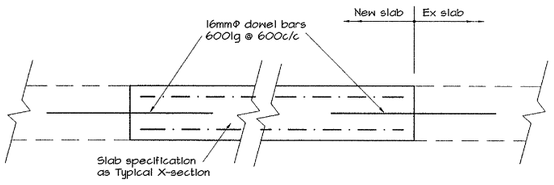
SECTION 1-1
Through area of slab to be resurfaced



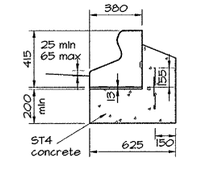
HALF BATTER
HB2 KERB



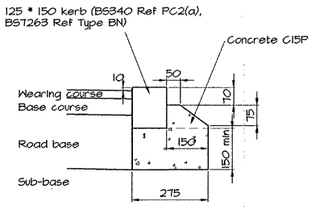
FOOTWAY EDGING
EF EDGING



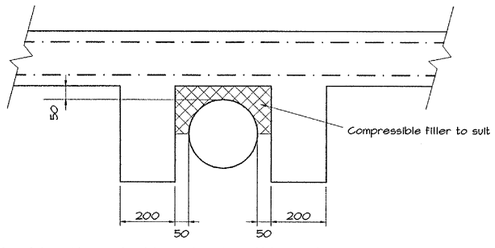
TYPICAL INFILL SLAB SECTION



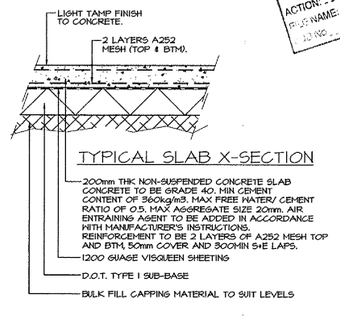
SAFETY KERB
TK (TRIEF KERB.)



DROPPED KERB
(Indicated as DK on plan)



TYPICAL SECTION @ EXISTING PIPE LOCATION



TYPICAL SLAB X-SECTION

RECEIVED
- 4 DEC 2000
ACTION:
FILE NAME:
JOB No:

REV	DATE	NAME	REVISION	REV' CHECK
F	01.12.00	msm	3No gulleys added.	
E	23.10.00	PKB	ROAD ALIGNMENT UPDATED TO SUIT ARCHITECTS LATEST SETTING OUT DATA MODIFIED TO SUIT.	
D	13.7.00	JCC	ROAD ALIGNMENT UPDATED TO SUIT ARCHITECTS LATEST. SETTING OUT DATA MODIFIED TO SUIT.	
C	13.6.00	PMA	SPEED HUMPS REMOVED. SETTING OUT TO ENTRANCE/GATEHOUSE AREA ADDED.	PMA
B	1.6.00	PMA	SCALED UP TO 1:250 SCALE (at A1) KERBING ANNOTATION ALTERED. DROP KERBS ADDED AT SUB-STN. ENTRANCE.	PMA
A	12.5.00	J.C.C.	ROAD ALIGNMENT MODIFIED GATE HOUSE ADJUSTED. GULLIES ADDED EXT GULLY POSITION MODIFIED. TRIEF KERB & GULLY DETAIL ADDED	J.C.C.

ACCESS / SERVICE ROAD: PAVEMENT CONSTRUCTION / ROAD MARKINGS: SHT 1 OF 2

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Tele No 0044 (0)1923-817537
Facsimile No 0044 (0)1923-228516
e-mail address: rcl-watford@roscoe.co.uk
Edinburgh
Tele No 0044 (0)131-467-7979
Facsimile No 0044 (0)131-467-7757
e-mail address: rcl-edinburgh@roscoe.co.uk

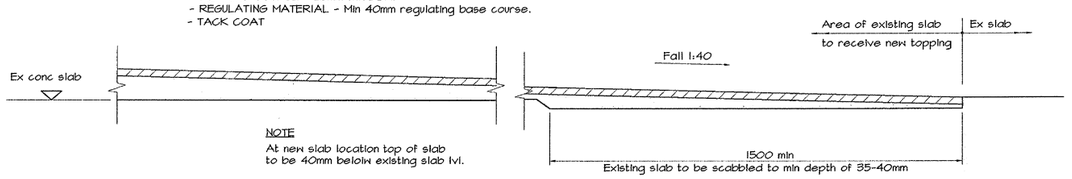
DRAWN AT	OFFICE	DRAWN BY	C.A.D.
CHEADLE HULME		Jon Cooper	
SCALE 1:250 @ A1	DATE 20.3.00	CHECKED BY	
CONTRACT No M25556		DRAWING No 201 F	

BURFORD GROUP PLC — MOORGATE ESTATE — KNOWSLEY

NOTES:-

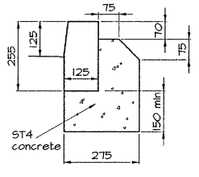
1. This drawing to be read in conjunction with Fletcher Bennett dwg. 57188/100 & 200
2. Appropraite transition kerbs to be provided at all changes in kerb type.
3. All road markings and signs to be in accordance with "the traffic signs regulations and general directions 1994" and the relevant chapters of the Traffic Signs manual. (All "diagram numbers" shown for markings refer to that publication.
4. All road markings within adoptable limits to be reflectorised thermeplastic screed with applied solid glass beads to local authority requirements.
5. For details of works required to services see Faarup Associates drawings.
6. All works are to be carried out in accordance with the requirements of the DoT Manual of Contract Documents for Highway Works, Volume 1 (Specification), and all relevant Knowsley MBC standard specifications and details.

PROPOSED NEW ROAD SURFACE
- WEARING COURSE - 25mm thk DBM.
- REGULATING MATERIAL - Min 40mm regulating base course.
- TACK COAT

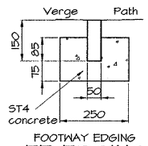


NOTE
At new slab location top of slab to be 40mm below existing slab lvl.

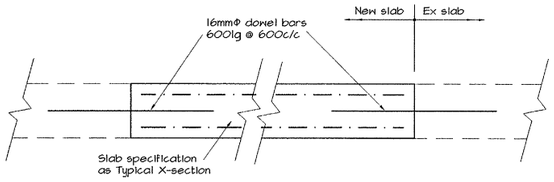
SECTION 1-1
Through area of slab to be resurfaced



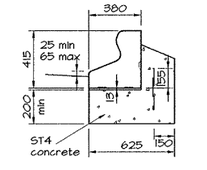
HALF BATTER
HB2 KERB



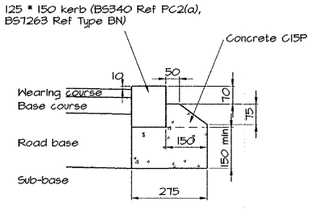
FOOTWAY EDGING
EF EDGING



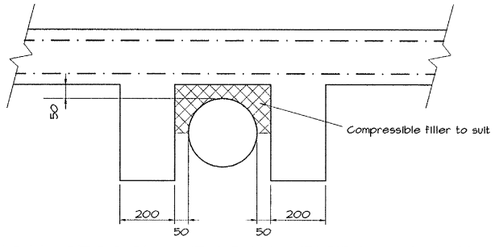
TYPICAL INFILL SLAB SECTION



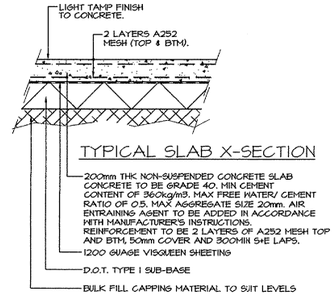
SAFETY KERB
TK (TRIEF KERB.)



DROPPED KERB
(Indicated as DK on plan)



TYPICAL SECTION @ EXISTING PIPE LOCATION



TYPICAL SLAB X-SECTION

LEGEND
- BREAK-OUT EXISTING CONSTRUCTION AND REPLACE WITH ADOPTABLE CARRIAGEWAY:- 40mm HRA WEARING COURSE (cl 912) 60mm DBM BASE COURSE (cl 509) 200mm DTI ROADBASE (cl 1024) 250mm TYPE 1 SUB-BASE (cl 803)
- BREAK-OUT EXISTING TARMAC AND/OR FOUNDATIONS AND REPLACE WITH NEW CONCRETE SERVICE ROAD TO SPECIFICATION BELOW.
- REFUSE ISLAND CONSTRUCTION:- 20mm HRA WEARING COURSE 60mm DBM BASECOURSE 100mm TYPE 1 SUB-BASE
- LANDSCAPED GRASSED AREAS IN ACCORDANCE WITH FLETCHER BENNETT ARCHITECTS DWG. 57188/200

BREAK OUT EXISTING KERBS

TK ELLIS-TRIEF SAFETY KERBS-TYPE 6 ST/2A OR SIMILAR APPROVED

RECEIVED
- 4 DEC 2000
ACTION:
FILE NAME:
JOB NO.

REV	DATE	NAME	REVISION	REV' CHECK
F	01.12.00	msm	3No gulleys added.	
E	28.10.00	PKB	ROAD ALIGNMENT UPDATED TO SUIT ARCHITECTS LATEST SETTING OUT DATA MODIFIED TO SUIT.	
D	18.7.00	JCC	ROAD ALIGNMENT UPDATED TO SUIT ARCHITECTS LATEST. SETTING OUT DATA MODIFIED TO SUIT.	
C	13.6.00	PMA	SPEED HUMPS REMOVED. SETTING OUT TO ENTRANCE/GATEHOUSE AREA ADDED	PMA
B	1.6.00	PMA	SCALED UP TO 1:250 SCALE (at A1) KERBING ANNOTATION ALTERED. DROP KERBS ADDED AT SUB-STN. ENTRANCE.	PMA
A	12.5.00	J.C.C.	ROAD ALIGNMENT MODIFIED GATE HOUSE ADJUSTED. GULLIES ADDED EXT GULLY POSITION MODIFIED. TRIEF KERB & GULLY DETAIL ADDED	J.C.C.

ACCESS / SERVICE ROAD: PAVEMENT CONSTRUCTION / ROAD MARKINGS: SHT 1 OF 2

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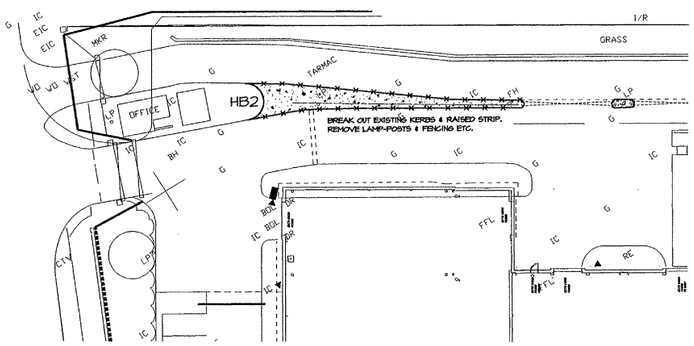
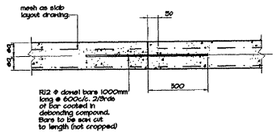
Facsimile No 0044 (0)1923-228516
e-mail address:
rcl-watford@roscoe.co.uk
Edinburgh
Tele No 0044 (0)131-467-7979
Facsimile No 0044 (0)131-467-7757
e-mail address:
rcl-edinburgh@roscoe.co.uk

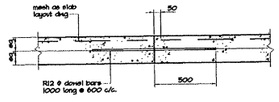
DRAWN AT	OFFICE	DRAWN BY	C.A.D.
CHEADLE HULME		Jon Cooper	
SCALE 1:250 @ A1	DATE 20.9.00	CHECKED BY	
CONTRACT No M25556		DRAWING No 201 F	

BURFORD GROUP PLC — MOORGATE ESTATE — KNOWSLEY

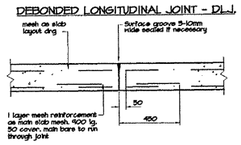




DEBONDED LONGITUDINAL JOINT - D.L.J.



LONGITUDINAL JOINT - L.J.



TIED INDUCED JOINT-T.I.J.

NOTES:-

1. This drawing to be read in conjunction with Fletcher Bennett dwg. 57188/100 & 200
2. Appropraite transition kerbs to be provided at all changes in kerb type.
3. All road markings and signs to be in accordance with "the traffic signs regulations and general directions 1994" and the relevant chapters of the Traffic Signs manual. (All "diagram numbers" shown for markings refer to that publication.
4. All road markings within adoptable limits to be reflectorised thermeplastic screed with applied solid glass beads to local authority requirements.
5. For details of works required to services see Faarup Associates drawings.
6. For details of kerb types and pipe bedding details see RCL drg. M25556 / 201
7. All works are to be carried out in accordance with the requirements of the DoT Manual of Contract Documents for Highway Works, Volume 1 (Specification), and all relevant Knowsley MBC standard specifications and details.

LEGEND

BREAK OUT EXISTING CONSTRUCTION AND REPLACE WITH ADOPTABLE CARRIAGEWAY:- 40mm HRA WEARING COURSE (cl 911)
60mm DBM BASE COURSE (cl 906)
200mm DBM ROADBASE (cl 904)
250mm TYPE 1 SUB-BASE (cl 803)

BREAK OUT EXISTING TARMAC AND/OR FOUNDATIONS AND REPLACE WITH NEW CONCRETE SERVICE ROAD TO SPECIFICATION GIVEN.

LANDSCAPED GRASSED AREAS IN ACCORDANCE WITH FLETCHER BENNETT ARCHITECTS DWG. 57188/200

BREAK OUT EXISTING KERBS

TK ELLIS-TREIF SAFETY KERBS-TYPE G 51/2A OR SIMILAR APPROVED

E.J. -\ DENOTES EXPANSION JOINT

L.J. -\ DENOTES LONGITUDINAL JOINT

I.J. -\ DENOTES INDUCED JOINT

D.B.L. -\ DENOTES DEBONDED LONGITUDINAL JOINTS.

RECEIVED
14 DEC 2000

REV	DATE	NAME	REVISION	REV' CHECK
D	1.12.00	MSM	2 No gulleys added.	
C	3.11.00	RAB	JOINT LAYOUT ADDDED.	
B	25.9.00	PKB	REVISED CAR PARKING LAYOUT.	
A	13.6.00	PMA	SCALED UP TO 1:250 SCALE (at A1). SPEED HUMPS REMOVED (NOW SHOWN ON DRG 204). GULLY OUTFALL ADDED.	

ACCESS/ SERVICE ROAD PAVEMENT CONSTRUCTION/ SHEET 2 of 2

ROSCOE CAPITA LIMITED
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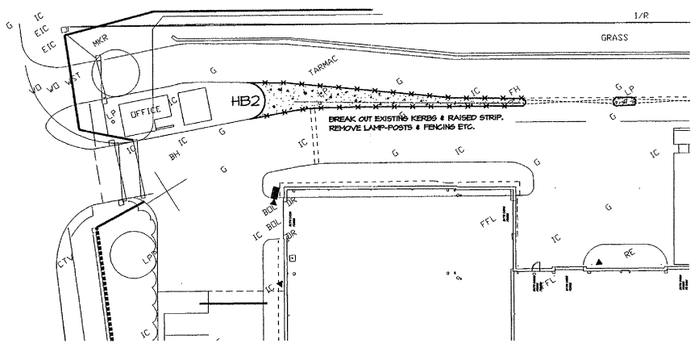
Edinburgh
Tele No 0044 (0)131-467-7979
Facsimile No 0044 (0)131-467-7757
e-mail address:
rcl-edinburgh@roscoe.co.uk

DRAWN AT	OFFICE	DRAWN BY	C.A.D.
CHEADLE HULME		PMA	
SCALE 1:250 @ A1	DATE 6.6.00	CHECKED BY	

CONTRACT No	DRAWING No
M25556	203 D

BURFORD GROUP PLC — MOORGATE ESTATE — KNOWSLEY



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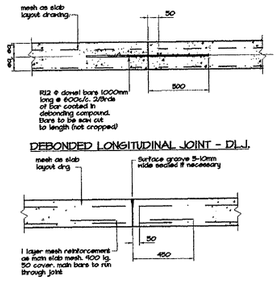
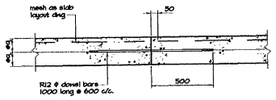


DEBONDED LONGITUDINAL JOINT - D.L.J.



LONGITUDINAL JOINT - L.J.

TIED INDUCED JOINT-TIJ

NOTES:-

1. This drawing to be read in conjunction with Fletcher Bennett dwg. 57188/100 & 200
2. Appropraite transition kerbs to be provided at all changes in kerb type.
3. All road markings and signs to be in accordance with "the traffic signs regulations and general directions 1994" and the relevant chapters of the Traffic Signs manual. (All "diagram numbers" shown for markings refer to that publication.
4. All road markings within adoptable limits to be reflectorised thermeplastic screed with applied solid glass beads to local authority requirements.
5. For details of works required to services see Faarup Associates drawings.
6. For details of kerb types and pipe bedding details see RCL drg. M25556 / 201
7. All works are to be carried out in accordance with the requirements of the DoT Manual of Contract Documents for Highway Works, Volume 1 (Specification), and all relevant Knowsley MBC standard specifications and details.

LEGEND

BREAK OUT EXISTING CONSTRUCTION AND REPLACE WITH ADOPTABLE CARRIAGEWAY: 40mm HRA WEARING COURSE (cl 911)
60mm DBM BASE COURSE (cl 906)
200mm DBM ROADBASE (cl 904)
250mm TYPE 1 SUB-BASE (cl 803)

BREAK OUT EXISTING TARMAC AND/OR FOUNDATIONS AND REPLACE WITH NEW CONCRETE SERVICE ROAD TO SPECIFICATION GIVEN.

LANDSCAPED GRASSED AREAS IN ACCORDANCE WITH FLETCHER BENNETT ARCHITECTS DWG. 57188/200

BREAK OUT EXISTING KERBS

TK ELLIS-TREIF SAFETY KERBS-TYPE 6 ST/2A OR SIMILAR APPROVED

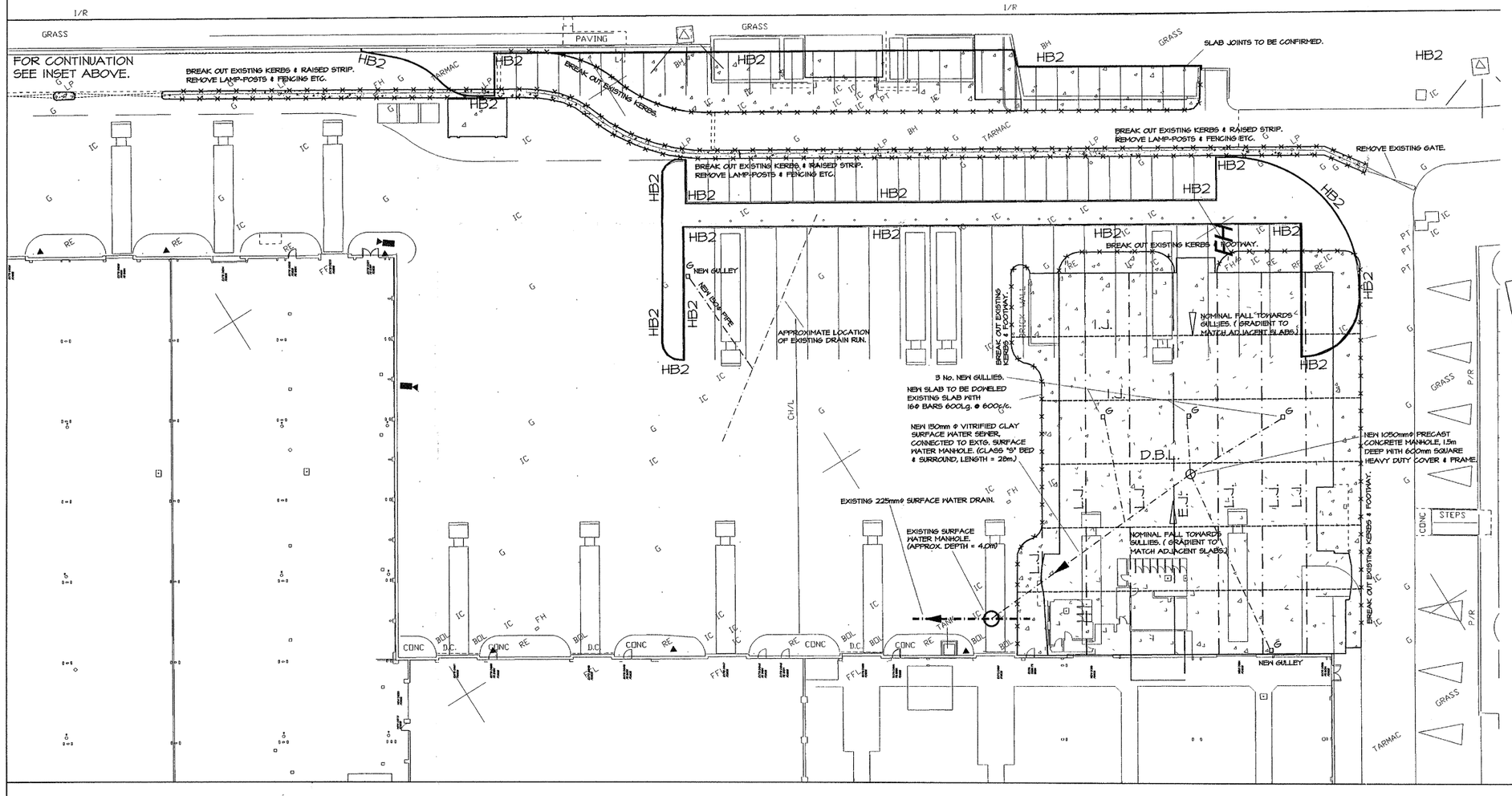
E.J. -\ DENOTES EXPANSION JOINT

L.J. -\ DENOTES LONGITUDINAL JOINT

I.J. -\ DENOTES INDUCED JOINT

D.B.L. -\ DENOTES DEBONDED LONGITUDINAL JOINTS.

RECEIVED
- 4 DEC 2000
TOWN .....
NAME .....



REV	DATE	NAME	REVISION	REV' CHECK
D	1.12.00	msm	2 No gulleys added.	
C	3.11.00	RAB	JOINT LAYOUT ADDDED.	
B	25.9.00	PKB	REVISED CAR PARKING LAYOUT.	
A	13.6.00	PMA	SCALED UP TO 1:250 SCALE (at A1). SPEED HUMPS REMOVED (NOW SHOWN ON DRG 204). GULLY OUTFALL ADDED.	

ACCESS/ SERVICE ROAD PAVEMENT CONSTRUCTION/ SHEET 2 of 2

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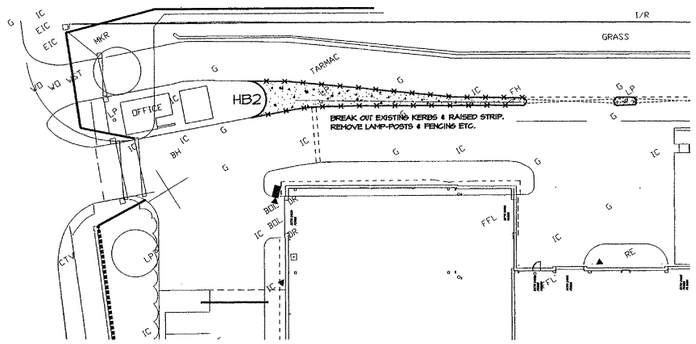
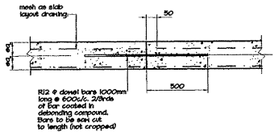
Tele No 0044 (0)131-467-7979
Facsimile No 0044 (0)131-467-7757
e-mail address:
rcl-edinburgh@roscoe.co.uk

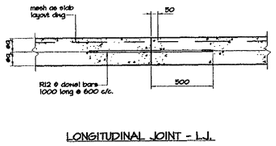
DRAWN AT	DRAWN BY	C.A.D.
CHEADLE HULME OFFICE	PMA	
SCALE 1:250 @ A1	DATE 6.6.00	CHECKED BY
CONTRACT No M25556	DRAWING No 203 D	

BURFORD GROUP PLC — MOORGATE ESTATE — KNOWSLEY

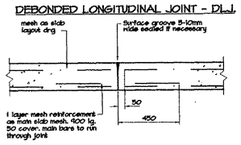




DEBONDED LONGITUDINAL JOINT - D.L.J.



LONGITUDINAL JOINT - L.J.



TIED INDUCED JOINT-T.I.J.

NOTES:-

1. This drawing to be read in conjunction with Fletcher Bennett dwg. 57188/100 & 200
2. Appropraite transition kerbs to be provided at all changes in kerb type.
3. All road markings and signs to be in accordance with "the traffic signs regulations and general directions 1994" and the relevant chapters of the Traffic Signs manual. (All "diagram numbers" shown for markings refer to that publication.
4. All road markings within adoptable limits to be reflectorised thermeplastic screed with applied solid glass beads to local authority requirements.
5. For details of works required to services see Facrup Associates drawings.
6. For details of kerb types and pipe bedding details see RCL drg. M25556 / 201
7. All works are to be carried out in accordance with the requirements of the DoT Manual of Contract Documents for Highway Works, Volume 1 (Specification), and all relevant Knowsley MBC standard specifications and details.

LEGEND

- BREAK OUT EXISTING CONSTRUCTION AND REPLACE WITH ADOPTABLE CARRIAGEWAY: 40mm HRA WEARING COURSE (cl 911) 60mm DBM BASE COURSE (cl 906) 200mm DBM ROADBASE (cl 904) 250mm TYPE 1 SUB-BASE (cl 803)
- BREAK OUT EXISTING TARMAC AND/OR FOUNDATIONS AND REPLACE WITH NEW CONCRETE SERVICE ROAD TO SPECIFICATION GIVEN.
- LANDSCAPED GRASSED AREAS IN ACCORDANCE WITH FLETCHER BENNETT ARCHITECTS DWG. 57188/200
- BREAK OUT EXISTING KERBS
- TK — ELLIS-TREIF SAFETY KERBS-TYPE G ST/2A OR SIMILAR APPROVED
- E.J. -: DENOTES EXPANSION JOINT
- L.J. -: DENOTES LONGITUDINAL JOINT
- I.J. -: DENOTES INDUCED JOINT
- D.B.J. -: DENOTES DEBONDED LONGITUDINAL JOINTS.

RECEIVED
- 6 DEC 2000
ACTION:
FILE NAME:
FILE NO:

REV	DATE	NAME	REVISION	REV CHECK
D	1.12.00	msm	2 No gulleys added.	
C	9.11.00	RAB	JOINT LAYOUT ADDDED.	
B	25.9.00	PKB	REVISED CAR PARKING LAYOUT.	
A	13.6.00	PMA	SCALED UP TO 1:250 SCALE (at A1). SPEED HUMPS REMOVED (NOW SHOWN ON DRG 204). GULLY OUTFALL ADDED.	

ACCESS/ SERVICE ROAD PAVEMENT CONSTRUCTION/ SHEET 2 of 2

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Edinburgh
Tele No 0044 (0)131-467-7979
Facsimile No 0044 (0)131-467-7757
e-mail address:
rcl-edinburgh@roscoe.co.uk

DRAWN AT	OFFICE	DRAWN BY	C.A.D.
CHEADLE HULME		PMA	
SCALE	DATE	CHECKED BY	
1:250 @ A1	6.6.00		

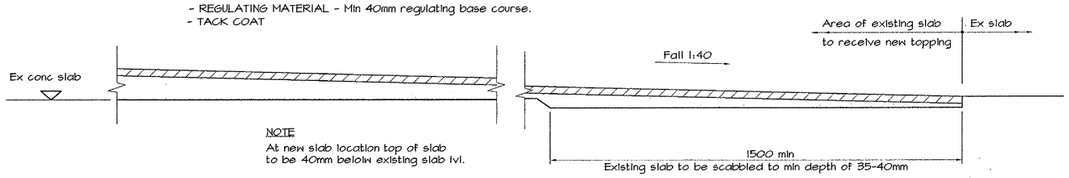
CONTRACT No	DRAWING No
M25556	203 D

BURFORD GROUP PLC — MOORGATE ESTATE — KNOWSLEY

NOTES:-

1. This drawing to be read in conjunction with Fletcher Bennett dwg. 5T188/100 & 200
2. Appropriate transition kerbs to be provided at all changes in kerb type.
3. All road markings and signs to be in accordance with "the traffic signs regulations and general directions 1994" and the relevant chapters of the Traffic Signs manual. (All "diagram numbers" shown for markings refer to that publication.
4. All road markings within adaptable limits to be reflectorised thermoplastic screed with applied solid glass beads to local authority requirements.
5. For details of works required to services see Faarup Associates drawings.
6. All works are to be carried out in accordance with the requirements of the DoT Manual of Contract Documents for Highway Works, Volume 1 (Specification), and all relevant Knowsley MBC standard specifications and details.

PROPOSED NEW ROAD SURFACE
- WEARING COURSE - 25mm thk DBM.
- REGULATING MATERIAL - Min 40mm regulating base course.
- TACK COAT



NOTE
At new slab location top of slab to be 40mm below existing slab lvl.

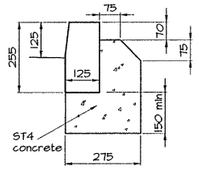
SECTION 1-1
Through area of slab to be resurfaced

LEGEND
- BREAK OUT EXISTING CONSTRUCTION AND REPLACE WITH ADOPTABLE CARRIAGEWAY:- 40mm HRA WEARING COURSE (BS 412) 60mm DBM BASECOURSE (BS 4987) 200mm TYPE 1 ROADBASE (SI 1057) 200mm TYPE 1 SUB-BASE (SI 1057)
- BREAK OUT EXISTING TARMAC AND/OR FOUNDATIONS AND REPLACE WITH NEW CONCRETE SERVICE ROAD TO SPECIFICATION GIVEN.
- REFUSE ISLAND CONSTRUCTION: 20mm HRA WEARING COURSE 45mm DBM BASECOURSE 100mm TYPE 1 SUB-BASE
- LANDSCAPED /GRASSED AREAS IN ACCORDANCE WITH FLETCHER BENNETT ARCHITECTS DWG. 5T188/200

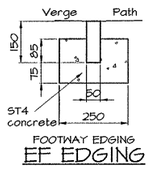
TK ELLIS-TRIEF SAFETY KERBS-TYPE 6 ST/2A OR SIMILAR APPROVED

BREAK OUT EXISTING KERBS

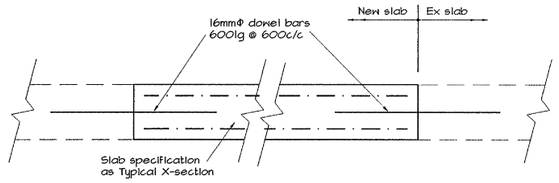
REV	DATE	NAME	REVISION	REV' CHECK
F	01.12.00	msm	3No gulleys added.	
E	23.10.00	PKB	ROAD ALIGNMENT UPDATED TO SUIT ARCHITECTS LATEST SETTING OUT DATA MODIFIED TO SUIT.	
D	18.7.00	JCC	ROAD ALIGNMENT UPDATED TO SUIT ARCHITECTS LATEST, SETTING OUT DATA MODIFIED TO SUIT.	
C	18.6.00	PMA	SPEED HUMPS REMOVED. SETTING OUT TO ENTRANCE/GATEHOUSE AREA ADDED.	PMA
B	1.6.00	PMA	SCALED UP TO 1:250 SCALE (at A1) KERBING ANNOTATION ALTERED. DROP KERBS ADDED AT SUB-STN. ENTRANCE.	PMA
A	12.5.00	J.C.C.	ROAD ALIGNMENT MODIFIED GATE HOUSE ADJUSTED. GULLIES ADDED EXT GULLY POSITION MODIFIED. TRIEF KERB & GULLY DETAIL ADDED	J.C.C.



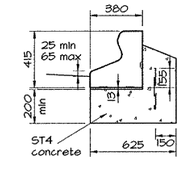
HALF BATTER
HB2 KERB



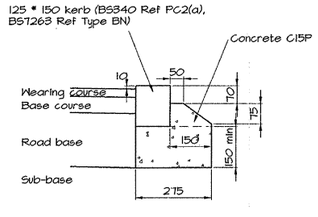
FOOTWAY EDGING
EF EDGING



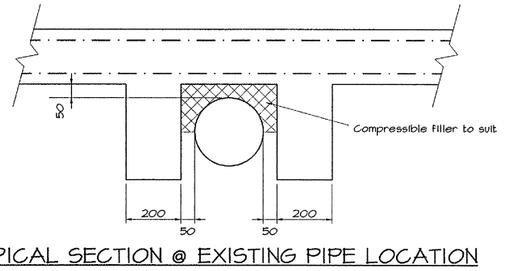
TYPICAL INFILL SLAB SECTION



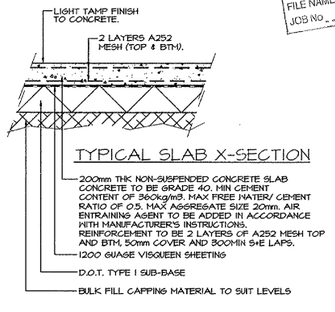
SAFETY KERB
TK (TRIEF KERB.)



DROPPED KERB
(Indicated as DK on plan)



TYPICAL SECTION @ EXISTING PIPE LOCATION



TYPICAL SLAB X-SECTION

RECEIVED
- 4 DEC 2000
ACTION:
FILE NAME:
JOB No.

ACCESS / SERVICE ROAD: PAVEMENT CONSTRUCTION / ROAD MARKINGS: SHT 1 OF 2

ROSCOE CAPITA LIMITED
Consulting Civil, Structural & Geotechnical Engineers.
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Facsimile No 0044 (0)161-486-1580
e-mail address : rcl-cheadle@roscoe.co.uk
Watford
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Facsimile No 0044 (0)1923-228516
e-mail address:
rcl-watford@roscoe.co.uk
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Facsimile No 0044 (0)131-467-7757
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rcl-edinburgh@roscoe.co.uk

DRAWN AT	OFFICE	DRAWN BY	C.A.D.
CHEADLE HULME		Jon Cooper	
SCALE 1:250 @ A1	DATE 20.3.00	CHECKED BY	
CONTRACT No M25556		DRAWING No 201 F	

BURFORD GROUP PLC — MOORGATE ESTATE — KNOWSLEY

BURFORD

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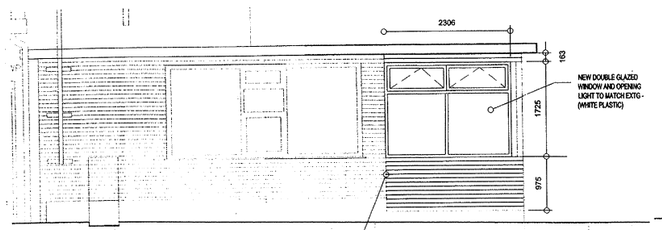
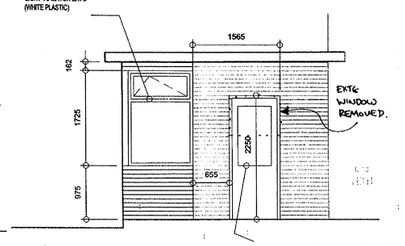
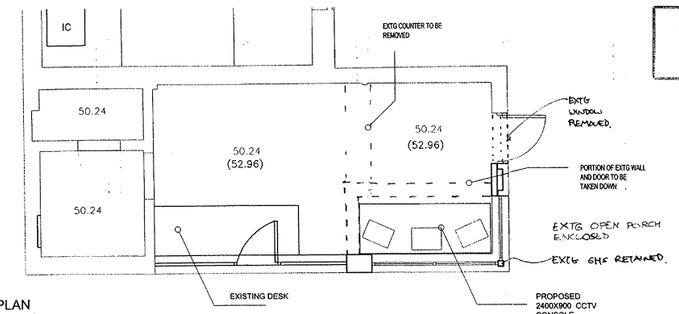


FRONT ELEVATION



SIDE ELEVATION



PLAN

AMENDED

App No 00/00204/COU
Rec'd 22/9/00

preliminary for comment

REV	DATE	DRAWN BY

FLETCHER BENNETT
ARCHITECTS

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PORTLAND STREET
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FAX: 0161 228 7701
E-MAIL: draft@fbarch.u-net.com

- extg gate house alterations
- burford

57188-231 | -

ALTERATIONS TO EXTG GATE HOUSE
MOORGATE POINT - KNOWSLEY

SCALE 1:50

BURFORD

Eric Wright Construction
Design & Build Division

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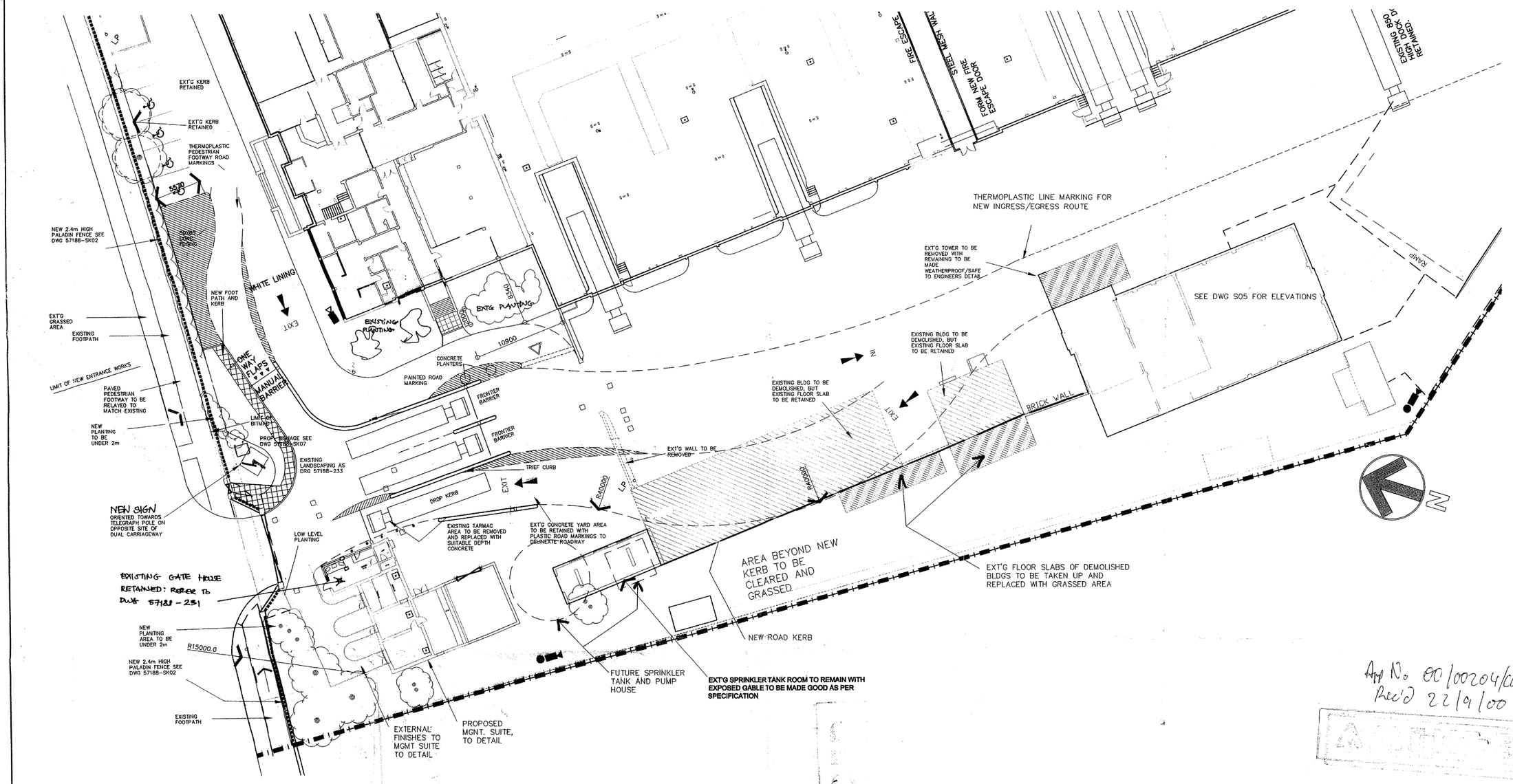

ENTRANCE ROAD OFF MOORGATE RD
MOORGATE POINT : KNOWSLEY

SCALE 1:200

App No. 00/00204/COU
Rec'd 22/9/00

REV	DATE		DRAWN BY
A	21.09.00	KERBING AND NOTES AMENDED. SPRINKLER TANK MOVED, AND SIGNAGE MOVED.	AJS

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ARCHITECTS

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- MOORGATE POINT – KNOWSLEY
- BURFORD
- ENTRANCE OFF M/GATE RD
- 07.08.00 RCA A1

57188 - 501 | A

BURFORD

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AMENDED

new channelling island/approach to be designed in accordance with relevant highway standards

7 NO. CONCRETE FILLED STEEL BOLLARDS

new feature entrance signage behind splay line

NEW L/SCAPE ISLAND

EXTG KERB TO REMAIN

note: extg dwarf wall to remain

NEW L/SCAPE ISLAND

new 2.4m high paladin fence, see dwg 57188-sk02

NEW L/SCAPE ISLAND

note: ALL LANDSCAPING TO APPROVED SCHEME SEE DWG 57188 - 223

extg bldg to remain, refurbished as management office, to detail

gate house, REFER TO DWG 57188-210 FOR DETAILS

PROPOSED SPRINKLER TANK / PUMP ROOM

new cctv camera on mast

sprinkler pump room to remain

extg conc. retained with road marking to delineate roadway

new cctv camera on mast

new std 150 1/2 battered kerb

extg sub-station

FOR DETAILS REFER TO DWG 57188-200

extg lampost removed

Ø25000

extg bldg to be demolished

extg common palisade fence

existing warehouse to remain

extg bldg to be demolished

service yard

THERMOPLASTIC YARD MARKING

extg tower to be demolished

unit 6

new cctv camera on mast

22700

service yard

new 2.4m high galvanised palisade fence, to this point at end of extg fence colour RAL 4005 blue-lilac

staff access

staff access

unit 4

2 storey offices

OFFICE CAR PARK (81)

toilet block

NEW 1800 WIDE 1HR FIRE RESISTANT CORRIDOR, SEE DWG 57188-214

unit 2

BONDERISER TO BE REMOVED AND SLAB TO BE MADE GOOD TO ENGINEERS SPEC.

NEW 1800 WIDE 1HR FIRE RESISTANT CORRIDOR, REFER TO DWG 57188-214

TROAX SINGLE SKIN BROADSWORD STEELMESH PARTITIONING TO BE EPOXY POWDER COATED, 3600mm HIGH FIXED ON 50X50X3 RHS MULLIONS WITH M10 EXPANSION BOLTS TO 1.2mm CHANNEL UPRIGHTS SPOT WELDED TO PANELS AND BOLTED WITH M8 X 16 HEX. SCREWS AND NUTS. ABOVE 1/2mm BLOCK WORK ESCAPE TUNNEL

4000 WIDE X 5000 M HIGH OPENING FORMED IN EXISTING WALL

4000 WIDE X 5000 M HIGH OPENING FORMED IN EXISTING WALL

unit 5A

EXTG PARTITIONING TO BE REMOVED

4000 WIDE X 5000 M HIGH OPENING FORMED IN EXISTING WALL TO HAVE ROLLER SHUTTER INSTALLED ON FUSABLE LINK

4000 WIDE X 5000 M HIGH OPENING FORMED IN EXISTING WALL TO HAVE ROLLER SHUTTER INSTALLED ON FUSABLE LINK

EXISTING RAMP ACCESS REMOVED AND DUG OUT TO FORM TWO NEW DOCKS.

unit 5B

extg offices

EXISTING TANK REMOVED

toilet block

unit 1

4000 WIDE X 5000 M HIGH OPENING FORMED IN EXISTING WALL

unit 3

TROAX SINGLE SKIN BROADSWORD STEELMESH PARTITIONING TO BE EPOXY POWDER COATED, 3600mm HIGH FIXED ON 50X50X3 RHS MULLIONS WITH M10 EXPANSION BOLTS TO 1.2mm CHANNEL UPRIGHTS SPOT WELDED TO PANELS AND BOLTED WITH M8 X 12 HEX. SCREWS AND NUTS.

4000 WIDE X 5000 M HIGH OPENING FORMED IN EXISTING WALL

height barrier

NEW PC KERB TO EXTG ISLAND

extg floodlight

extg floodlight

extg floodlight

BURFORD

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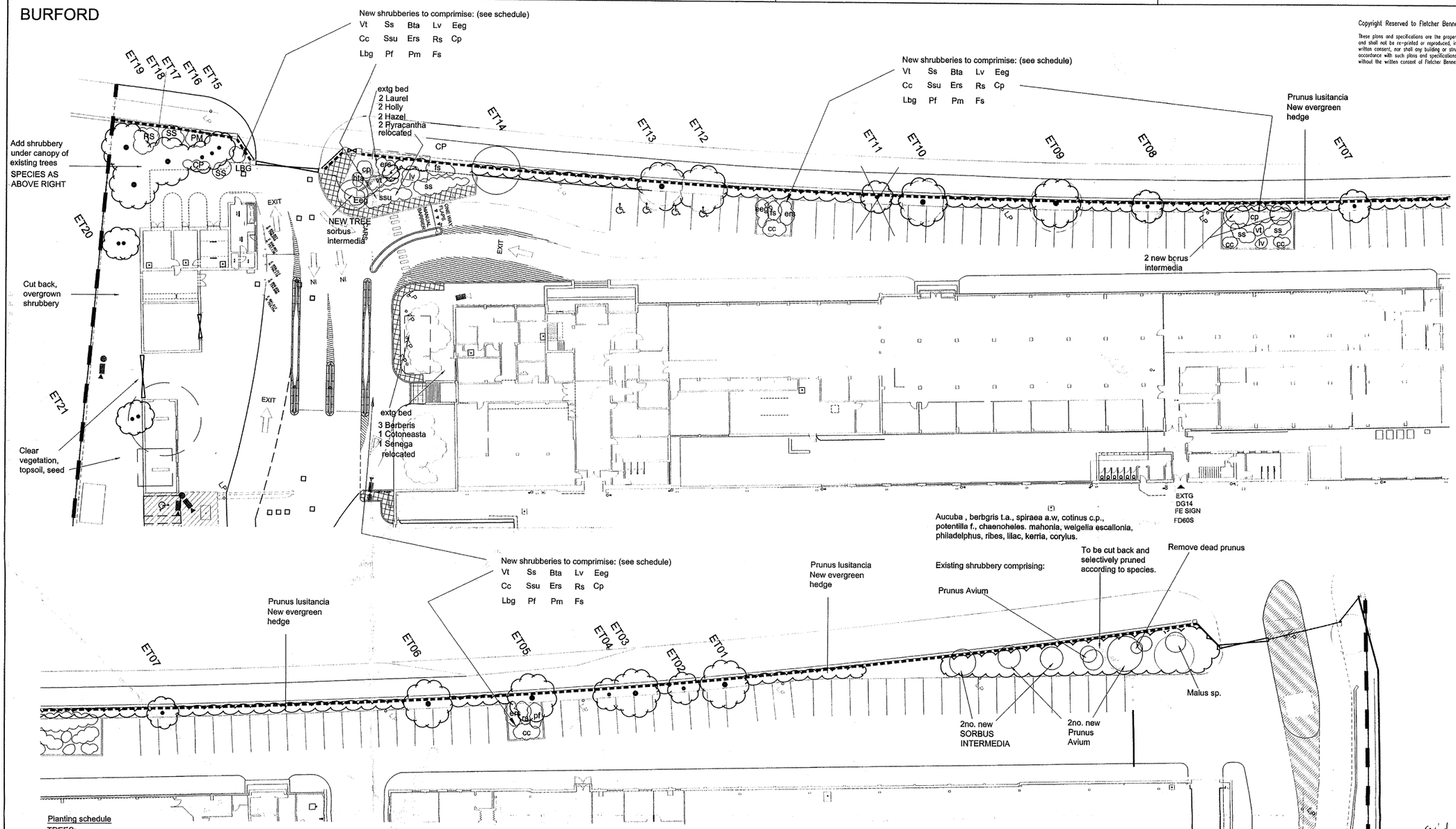

Planting schedule

TREES:

3NO. new Surbus Intermedia 18-20cm Extra Heavy Standard
Firmly fixed with 2 stakes and crossbar, 750MM above ground level
2NO. new Prunus Avium 18-20cm Extra Heavy Standard
Firmly fixed with 2 stakes and crossbar, 750MM above ground level

SHRUBS:

Viburnum Tinus	Vt	30 - 40cm	700mm
Cotoneaster Conspicuous	Cc	30 - 40cm	500mm
Lonicera Baggesens Gold	Lbg	30 - 40cm	700mm
Berberis Thunbergii Atropurpurea	Bta	30 - 40cm	700mm
Escallonia Red Spire	Ers	30 - 40cm	700mm
Pyracantha mohave	Pm	30 - 40cm	700mm
Spiraea Snowmound	Ss	30 - 40cm	700mm
Senecio sunshine	Ssu	30 - 40cm	700mm
Potentilla fruticosa	Pf	30 - 40cm	550mm
Lilac Varieties	Lv	60 - 90cm	900mm
Ribes Sanguineum	Rs	40 - 60cm	700mm
Forsythia spectabils	Fs	30 - 40cm	700mm
Euonymous Emerald & Gold	Eeg	15 - 20cm	400mm
Cytisus praecox	Cp	30 - 40cm	700mm
HEDGE: Prunus Lusitanica		45 - 60cm	500mm

All areas for planting to recieve 300mm good topsoil over ripped sub-base. Cultivation to take place prior to planting incorporating bulk compost and slow release fertiliser.

50mm Bark mulch over shubberies and hedgelines after planting.

All areas for seeding to be cleared of weeds, topsoils cultivated to form tilth, incorporating pre-seeding fertiliser.
Grass seed to be low maintenance mixture

Maintenance Details

Visit the site on a twice monthly basis from April to November to control weed in planted areas, using glyphosphate based herbicide Round Pro Biactive.Grass to be cut fortnightly from April to November. Apply, fertiliser to shrub areas in spring
Hedges will be trimmed twice annually in May & September.
Pruning will take place between December and March when plants are dormant.
Check and adjust / re-tie tree ties as required.
Fertiliser will be applied to grass areas in Autumn and Spring.
Selective weedkiller will be applied to grass areas in summer, as required, to control weed growth.
Control weed growth in gravel path areas using a total residual hrebicide.
LONG TERM MAINTENANCE
Apply, fertiliser to shrub areas in spring
05 Years - replace all diseased , dead or missing shrubs / trees.
3 years- check + remove tree stakes. Crown raise if neccessary
5 years- check tree crowns and reduce if neccessary, thin out shrubs as needed

All areas for planting to recieve 300mm good topsoil to BS3882 over ripped sub-base.
Cultivation to take place prior to planting incorporating bulk compost and slow release fertiliser.
Planting to comply with BS4428 & BS5226.
50mm bark mulch over shrubberies and hedgelines after planting.

All areas for seeding to be cleared of weeds, topsoil cultivated to form a tilth, incorporating pre-seeding fertiliser to BS4428(1969).
Grass seed to be low maintenance mixture B.S.H. A22 or similar. All plant material shall comply with BS3936 (parts 1-10) & BS3975 (part 4), Tree pits shall be 1m x1m x750mm deep backfilled with topsoil incorporating 80 litres tree planting compost

Schedule of work to Existing trees

ET01	MALUS	Reduce head, some thinning required
ET02	Prunus Avium	Young tree propbably self sown
ET03	Prunus Species	Reduce overhang, shorten outreach
ET04	Prunus Species	Reduce overhang, shorten outreach
ET05	Malus species	Reduce overhang
ET06	Prunus species	Shorten outreach
ET07	Malus species	Light trim
ET08	Malus species	Reduce overhang
ET09	Prunus species	Reduce 2 no. outreach branches
ET10	Sorbus species	crown thin , reduce overhang
ET11	No tree	removed
ET12	Malus species	crown thin , reduce overhang
ET13	Prunus species	Trim to reduce overhang & improve balance
ET14	Malus species	Light trim
ET15	Sorbus species	remove
ET16	Holly species	Trim to balance after removal of lilac
ET17	Malus species	Reduce head to promote new growth
ET18	Malus species	Reduce head to promote new growth
ET19	Malus species	Reduce head to promote new growth
ET20	Holly species	Raise crown to allow underplanting
ET21	Malus	Reduce head after fruiting

MOORGATE POINT , KNOWSLEY — PROPOSED LANDSCAPE SCHEME — SCALE 1:250

rec'd 27/12/00 cond (5) Hscape

REV	DATE	DRAWN BY
D	21.12.00	4No extra heavy trees added, contoneaster cts / replacement note rev. JH
C	10.11.00	Additional notes on maintenance added JH
B	23.10.00	Updated to planners requirements JH
A	08.09.2000	Plan updated to include revised entrance layout RCA

FLETCHER BENNETT ARCHITECTS
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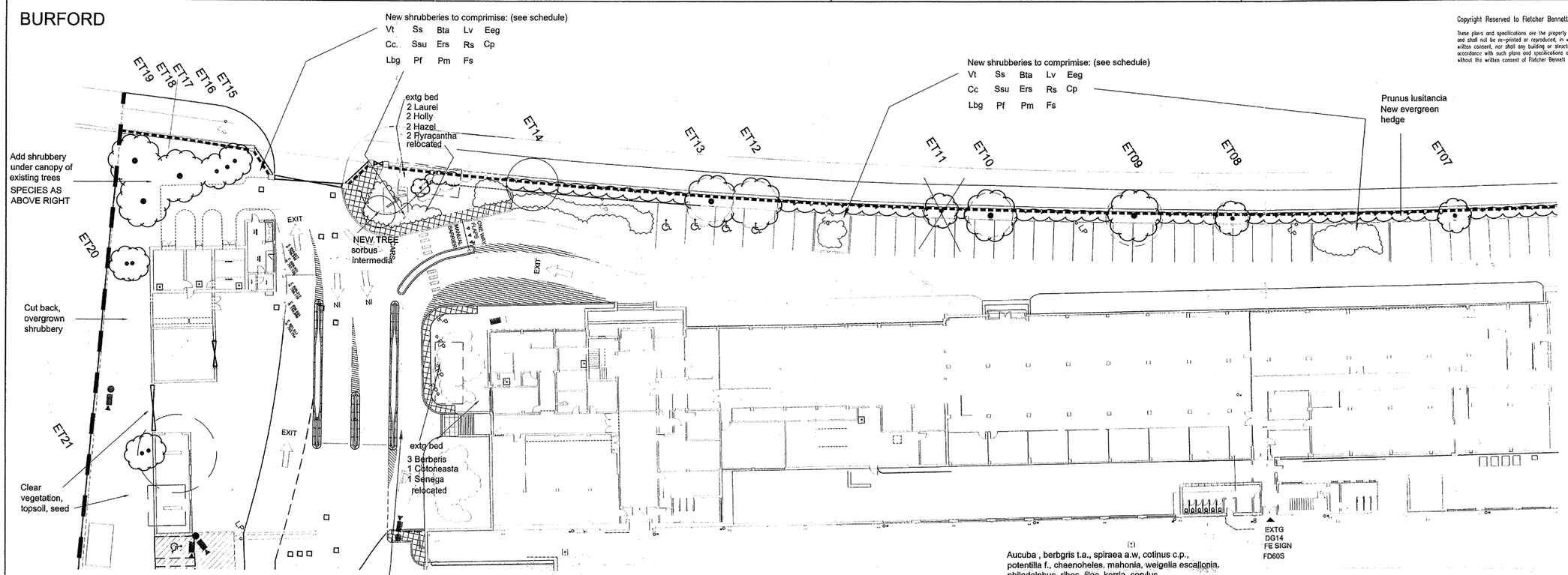
FAX: 0161 238 7701
E-MAIL: drafty@robarch.u-net.com

- PROPOSED COMMERCIAL DEVELOPMENT
- BURORD
- PROPOSED LANSCAPE SCHEME
- 18.07.00 JH 1:250 A1

57188-223 D

APP/00/00204/COU Card (5)
Recd 13/11/00

BURFORD



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Planting schedule

TREES:
1no. Surbus Intermedia 18-20cm Extra Heavy Standard
Firmly fixed with 2 stakes and crossbar, 750MM above ground level

SHRUBS:

Viburnum Tinus	Vt	30 - 40cm	700mm
Cotoneaster Conspicuous	Cc	30 - 40cm	700mm
Lonicera Baggesens Gold	Lbg	30 - 40cm	700mm
Berberis Thunbergii Atropurpurea	Bta	30 - 40cm	700mm
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Pyracantha mohave	Pm	30 - 40cm	700mm
Spiraea Snowmound	Ss	30 - 40cm	700mm
Senecio sunshine	Ssu	30 - 40cm	700mm
Potentilla fruticosa	Pf	30 - 40cm	550mm
Lilac Varieties	Lv	60 - 90cm	900mm
Ribes Sanguineum	Rs	40 - 60cm	700mm
Forsythia spectabilis	Fs	30 - 40cm	700mm
Euonymous Emerald & Gold	Eeg	15 - 20cm	400mm
Cytisus praecox	Cp	30 - 40cm	700mm
HEDGE: Prunus Lusitanica		45 - 60cm	500mm

All areas for planting to recieve 300mm good topsoil over ripped sub-base. Cultivation to take place prior to planting incorporating bulk compost and slow release fertiliser.

50mm Bark mulch over shubberies and hedgelines after planting.

All areas for seeding to be cleared of weeds, topsoils cultivated to form tilth, incorporating pre-seeding fertiliser.
Grass seed to be low maintenance mixture

Maintenance Details

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Control weed growth in gravel path areas using a total residual hrebicide.
LONG TERM MAINTENANCE
Apply, fertiliser to shrub areas in spring
12 Months - replace all diseased , dead or missing shrubs / trees.
3 years- check + remove tree stakes. Crown raise if neccessary
5 years- check tree crowns and reduce if neccessary, thin out shrubs as needed

All areas for planting to recieve 300mm good topsoil to BS3882 over ripped sub-base.
Cultivation to take place prior to planting incorporating bulk compost and slow release fertiliser.
Planting to comply with BS4428 & BS5226.
50mm bark mulch over shrubberies and hedgelines after planting.

All areas for seeding to be cleared of weeds, topsoil cultivated to form a tilth, incorporating pre-seeding fertiliser to BS4428(1969).
Grass seed to be low maintenance mixture B.S.H. A22 or similar. All plant material shall comply with BS3936 (parts 1-10) & BS3975 (part 4). Tree pits shall be 1m x1m x750mm deep backfilled with topsoil incorporating 80 litres tree planting compost

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ET06	Prunus species	Shorten outreach
ET07	Malus species	Light trim
ET08	Malus species	Reduce overhang
ET09	Prunus species	Reduce 2 no. outreach branches
ET10	Sorbus species	crown thin , reduce overhang
ET11	No tree	removed
ET12	Malus species	crown thin , reduce overhang
ET13	Prunus species	Trim to reduce overhang & improve balance
ET14	Malus species	Light trim
ET15	Sorbus species	remove
ET16	Holly species	Trim to balance after removal of lilac
ET17	Malus species	Reduce head to promote new growth
ET18	Malus species	Reduce head to promote new growth
ET19	Malus species	Reduce head to promote new growth
ET20	Holly species	Raise crown to allow underplanting
ET21	Malus	Reduce head after fruiting

REV	DATE	DRAWN BY
C	10.11.00	Additional notes on maintenance added JH
B	23.10.00	Updated to planners requirements JH
A	08.09.2000	Plan updated to include revised entrance layout. RCA

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E-MAIL: draft@fletcherbennett.com

- PROPOSED COMMERCIAL DEVELOPMENT
- BURORD
- PROPOSED LANSCAPE SCHEME
- 18.07.00 JH 1:250 A1

57188-223 C

MOORGATE POINT , KNOWSLEY — PROPOSED LANDSCAPE SCHEME — SCALE 1:250

BURFORD

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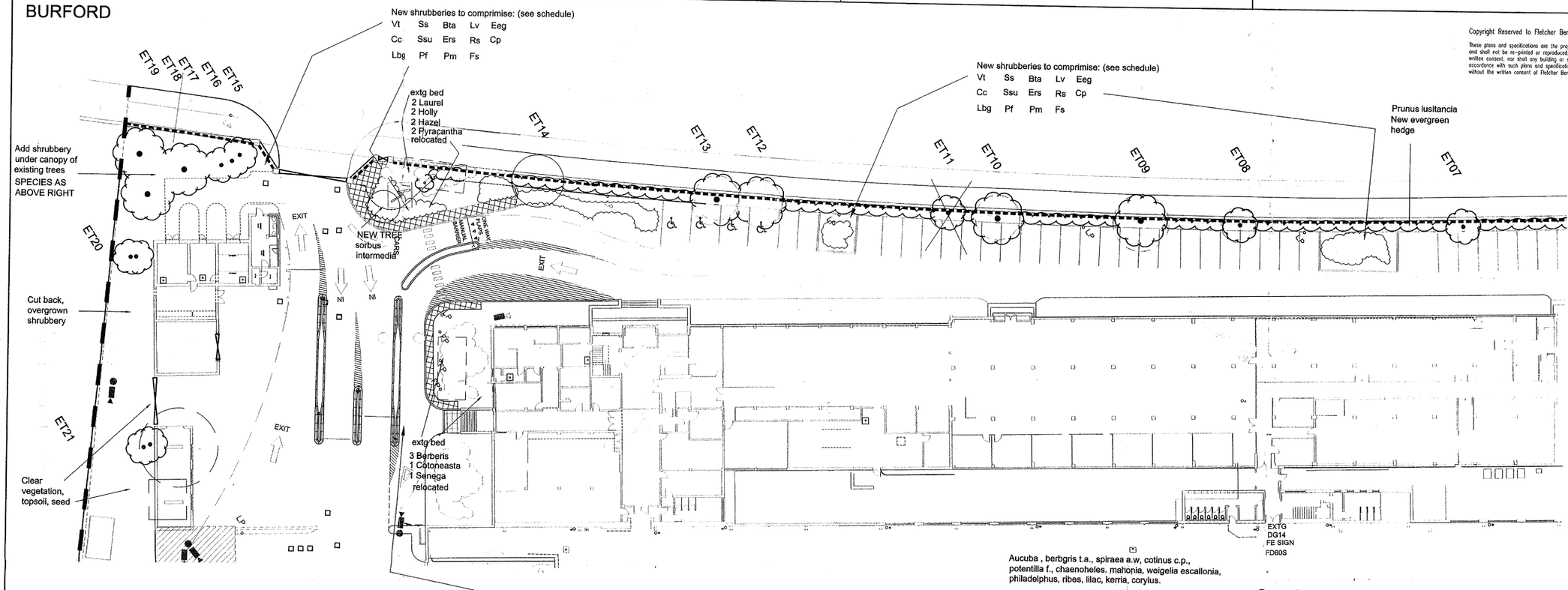

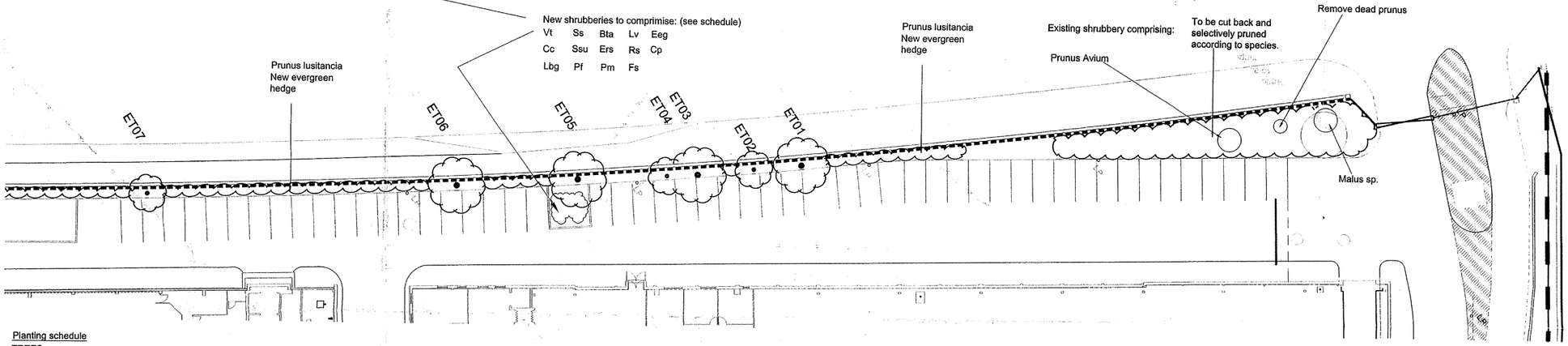

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50mm Bark mulch over shubberies and hedgelines after planting.

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5 years- check tree crowns and reduce if neccessary, thin out shrubs as needed

All areas for planting to recieve 300mm good topsoil to BS3882 over ripped sub-base.
Cultivation to take place prior to planting incorporating bulk compost and slow release fertiliser.
Planting to comply with BS4428 & BS52^8. 50mm bark mulch over shrubberies and hedgelines after planting.

All areas for seeding to be cleared of weeds, topsoil cultivated to form a tilth, incorporating pre-seeding fertiliser to BS4428(1969).
Grass seed to be low maintenance mixture B.S.H. A22 or similar. All plant material shall comply with BS3936 (parts 1-10) & BS3975 (part 4), Tree pits shall be 1m x1m x750mm deep backfilled with topsoil incorporating 80 litres tree planting compost

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ET17	Malus species	Reduce head to promote new growth
ET18	Malus species	Reduce head to promote new growth
ET19	Malus species	Reduce head to promote new growth
ET20	Holly species	Raise crown to allow underplanting
ET21	Malus	Reduce head after fruiting

rec'd 23/10/00.

REV	DATE	DRAWN BY
B	23.10.00	Updated to planners requirements jh
A	06.09.2000	Plan updated to include revised entrance layout. RCA

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- PROPOSED COMMERCIAL DEVELOPMENT
- BURORD
- PROPOSED LANSCAPE SCHEME
- 18.07.00 JH 1:250 A1

57188-223 B

MOORGATE POINT , KNOWSLEY

PROPOSED LANDSCAPE SCHEME

SCALE 1:250

BURFORD

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new feature entrance sigrage behind splay line
New landscape island.
Manually operated barrier.
EXTG KERB TO REMAIN
note: extg dwarf wall to remain
New landscape island.
new 2.4m high paladin fence, see dwg 57188-sk02
note: ALL LANDSCAPING TO APPROVED SCHEME SEE DWG 57188 - 223
New landscape island.
gate house, REFER TO DWG 57188-210 FOR DETAILS
extg sub-station
POSSIBLE FUTURE POSITION FOR SPRINKLER TANK , PUMP ROOM
AREA BEYOND NEW KERB TO BE CLEARED AND GRASSED
NEW KERB LINE , SET BEHIND OLD FOOTINGS - BRICKWORK REMOVED AS REQUIRED AND MADE GOOD TO ENGINEERS SPEC.
PORTION OF EXTG FLOOR SLAB TO BE REMOVED AND GRASSED OVER
EXTG BUILDINGS DEMOLISHED WITH FLOOR SLAB TO BE RETAINED - SUBJECT TO CONFIRMATION
NEW CONCRETE SLAB
service yard
PREVIOUS TANK LOCATION
extg common chain link fence
existing warehouse to remain. Refer to dwg. 230 for details
extg bldg to be demolished
REFER TO DWG 57188-230 FOR DETAILS
Paint new cctv camera on mast BS 00A 01
new 2.4m high galvanised palisade fence, to this point at end of extg fence colour standard green
THERMOPLASTIC YARD MARKING
Part of extg tower to be demolished
staff access
Double finger dock.
22700
service yard
2 storey offices
OFFICE CAR PARK (81)
extg floodlight
height barrier
NEW P/C KERB TO EXTG ISLAND
EXTG GATE HOUSE TO BE RETAINED
extg surface/features to be taken up to from extension to extg service yard/access
unit 1
unit 2
unit 3
unit 4
unit 5A
unit 5B
Future division wall.
24m approx
extg retaining wall to remain
extg kerb island and features to be removed and surface to be replaced with concrete to engineers concrete
extg lampost removed
to be demolished
form new island with paved finish
extg retaining wall retained, stripped and patch rendered, painted with masonry paint
NEW HGV ROUTE
20 no. 1500Øx3000 trailer bays
32700
15000
NEW STD 1/2 BATTERED PC KERB
20 NO. CONCRETE FILLED STEEL BOLLARDS AS PER DWG 57188-218
FOR ELEVATION SEE DWG. 57186-217.
extg canteen to be demolished with slab taken up and replaced with concrete service yard to engineers detail
existing service road retained
HUMP
GIVEWAY
extg sub-station
extg floodlighting

KEY

existing floodlighting tower to be retained

existing building mtd son floodlight to remain

GA PLAN SCALE 1:500
MOORGATE POINT - KNOWSLEY
PHASE ONE WORKS.

DENOTES PROPRIETRY RECYCLED RUBBER SPEED HUMP, (BERRY SYSTEMS 'SITECOP' OR SIMILAR) , WITH SUITABLE FIXING INTO ROAD.

600mm HIGH TRIANGULAR WARNING SIGNS EITHER SIDE TO DIAGRAM No. 557.1, WITH SUPPLEMENTARY PLATE BEARING THE WORD 'HUMP'.

REV	DATE		DRAWN BY
D	04.10.00	DWG. CORRECTED TO SUIT EXISTING DWG. AND NOTES REVISED.	ZH
C	26.09.00	ENT. TRISIT AMMENDED REV. POSITIONS FOR CCTV ADDED PORTION OF EXTG FLOOR SLABS RETAINED	JH
B	12.09.00	New arrangement for both entrance points, sprinkler tank moved to accomodate new layout. Door numbers added.	RCA
A	06.09.00	Dwg revised following comments at meeting on 05/09/00.	HLB

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- MOORGATE POINT, KNOWSLEY
- PHASE ONE REFURBISHMENT
- GA plan SHEET1
- 04.09.00 HLB 1:500@A1

57188-400 D

BURFORD

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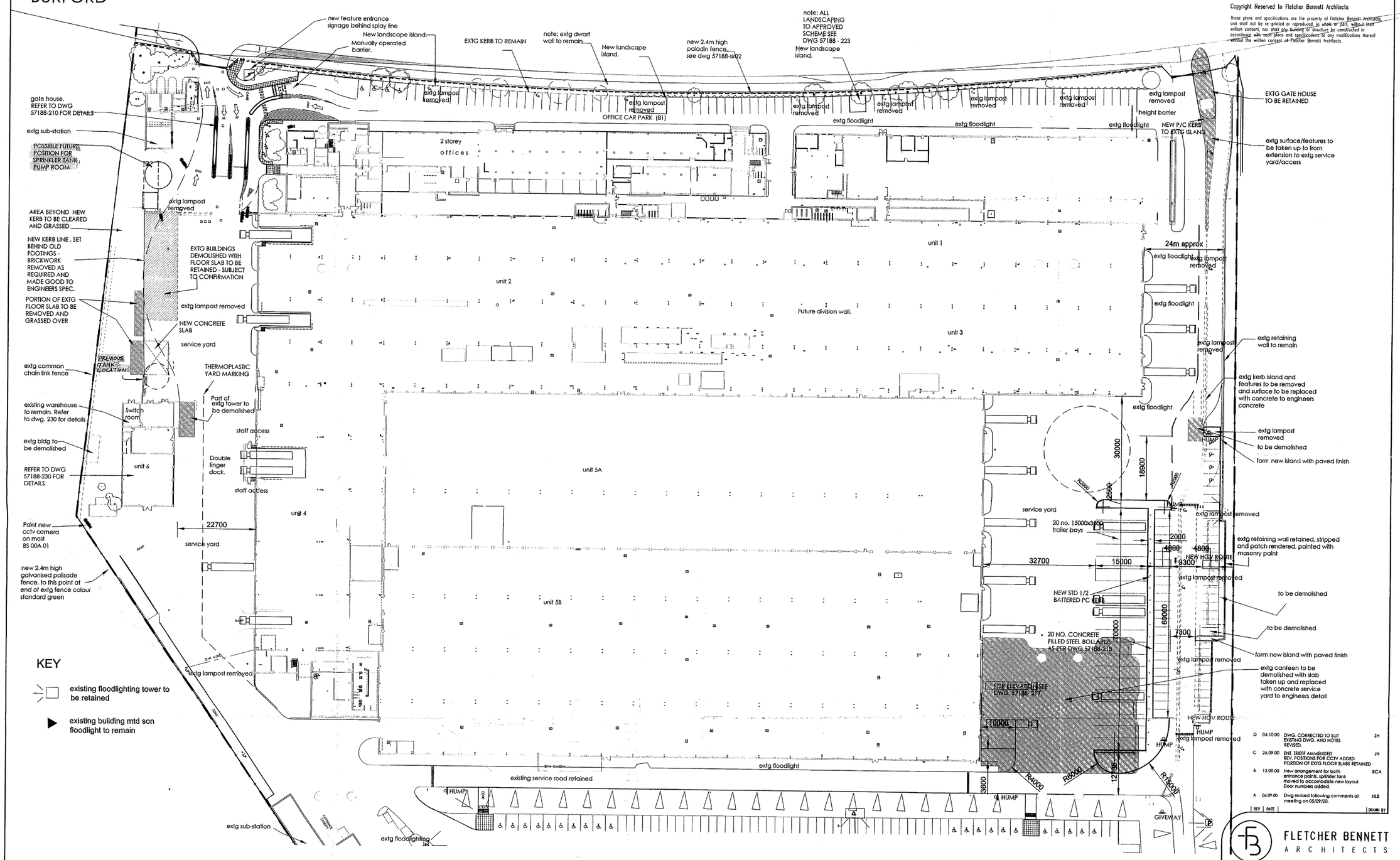

REV	DATE		DRAWN BY
D	04.10.00	DWG. CORRECTED TO SUIT EXISTING DWG. AND NOTES REVISED.	ZH
C	26.09.00	ENT. TRIEFF AMMENDED REV. POSITIONS FOR CCTV ADDED PORTION OF EXTG FLOOR SLABS RETAINED	JH
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GA PLAN SCALE 1:500
MOORGATE POINT - KNOWSLEY
PHASE ONE WORKS.

DENOTES PROPRIETRY RECYCLED RUBBER SPEED HUMP, (BERRY SYSTEMS 'SITECOP' OR SIMILAR), WITH SUITABLE FIXING INTO ROAD.

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MOORGATE POINT, KNOWSLEY
PHASE ONE REFURBISHMENT
GA plan SHEET1
04.09.00 HLB 1:500@A1

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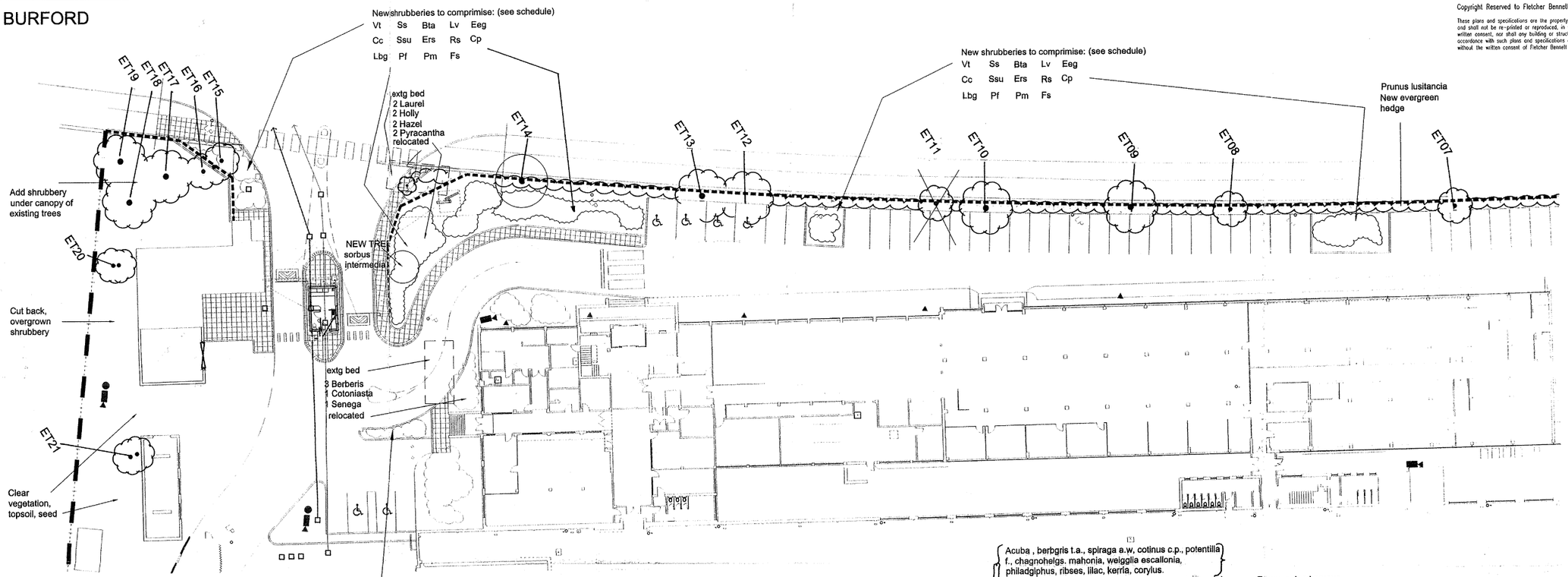

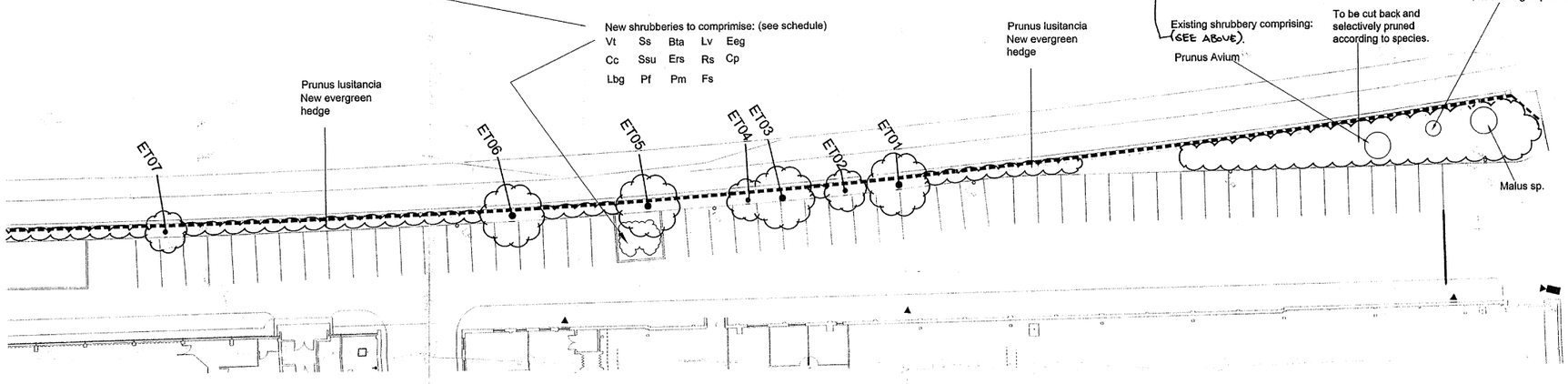

Condition 5
Rec'd 24/7/00

Planting schedule

TREES:

1no. Surbus Intermedia 10 -12cm Select Standard

SHRUBS:

Viburnum Tinus	Vt	30 - 40cm	700mm
Cotoneaster Conspicuous	Cc	30 - 40cm	700mm
Lonicera Baggesens Gold	Lbg	30 - 40cm	700mm
Berberis Thunbergii Atropurpurea	Bta	30 - 40cm	700mm
Escallonia Red Spire	Ers	30 - 40cm	700mm
Pyracantha mohave	Pm	30 - 40cm	700mm
Spiraea Snowmound	Ss	30 - 40cm	700mm
Senecio sunshine	Ssu	30 - 40cm	700mm
Potentilla fruticosa	Pf	30 - 40cm	700mm
Lilac Varieties	Lv	60 - 90cm	900mm
Ribes Sanguineum	Rs	40 - 60cm	700mm
Forsythia spectabilis	Fs	30 - 40cm	700mm
Euonymous Emerald & Gold	Eeg	15 - 20cm	400mm
Cytisus praecox	Cp	30 - 40cm	700mm

All areas for planting to recieve 300mm good topsoil over ripped sub-base. Cultivation to take place prior to planting incorporating bulk compost and slow release fertiliser.

50mm Bark mulch over shubberies and hedgelines after planting.

All areas for seeding to be cleared of weeds, topsoils cultivated to form tilth, incorporating pre-seeding fertiliser.
Grass seed to be low maintenance mixture

Maintenance Details

Visit the site on a twice monthly basis from April to November to control weed in planted areas, using glyphosphate based herbicide Round Pro Biactive.

Hedges will be trimmed twice annually in May & September.

Pruning will take place between December and March when plants are dormant.
Check and adjust / re-tie tree ties as required.
Fertiliser will be applied to grass areas in Autumn and Spring.

Selective weedkiller will be applied to grass areas in summer, as required, to control weed growth.

Control weed growth in gravel path areas using a total residual hrebicide.

Schedule of work to Existing trees

ET01	MALUS	Reduce head, some thinning required
ET02	Prunus Avium	Young tree propbably self sown
ET03	Prunus Species	Reduce overhang, shorten outreach
ET04	Prunus Species	Reduce overhang, shorten outreach
ET05	Malus species	Reduce overhang
ET06	Prunus species	Shorten outreach
ET07	Malus species	Light trim
ET08	Malus species	Reduce overhang
ET09	Prunus species	Reduce 2 no. outreach branches
ET10	Sorbus species	crown thin , reduce overhang
ET11	No tree	removed
ET12	Malus species	crown thin , reduce overhang
ET13	Prunus species	Trim to reduce overhang & improve balance
ET14	Malus species	Light trim
ET15	Sorbus species	remove
ET16	Holly species	Trim to balance after removal of lilac
ET17	Malus species	Reduce head to promote new growth
ET18	Malus species	Reduce head to promote new growth
ET19	Malus species	Reduce head to promote new growth
ET20	Holly species	Raise crown to allow underplanting
ET21	Malus	Reduce head after fruiting

MOORGATE POINT , KNOWSLEY

PROPOSED LANDSCAPE SCHEME

SCALE 1:250

REV	DATE	DRAWN BY

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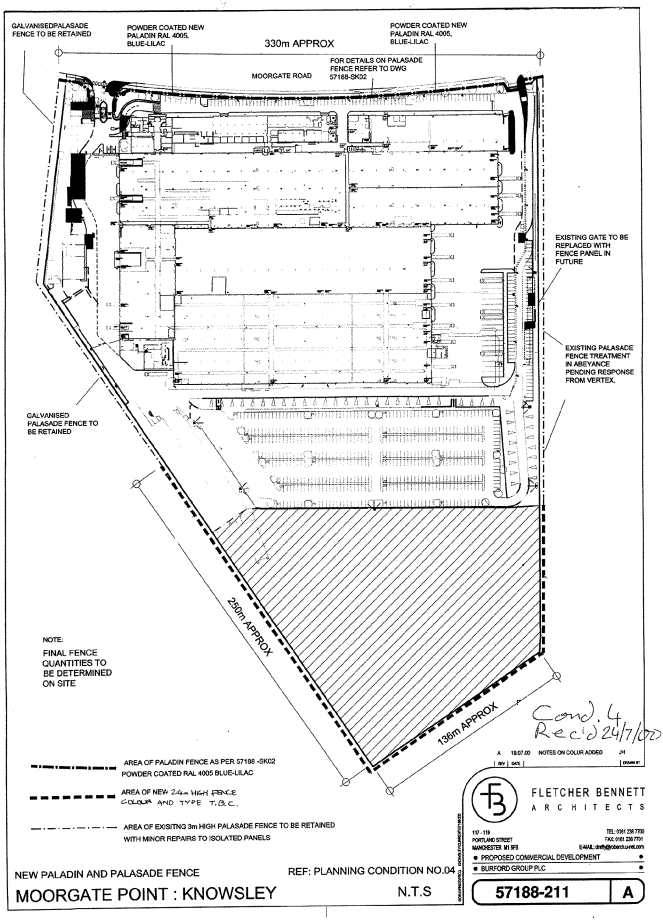
- PROPOSED COMMERCIAL DEVELOPMENT
- BURORD
- PROPOSED LANSCAPE SCHEME
- 18.07.00 JH 1:250 A1

57188-223



Cond. 4
Rec'd 24/7/00

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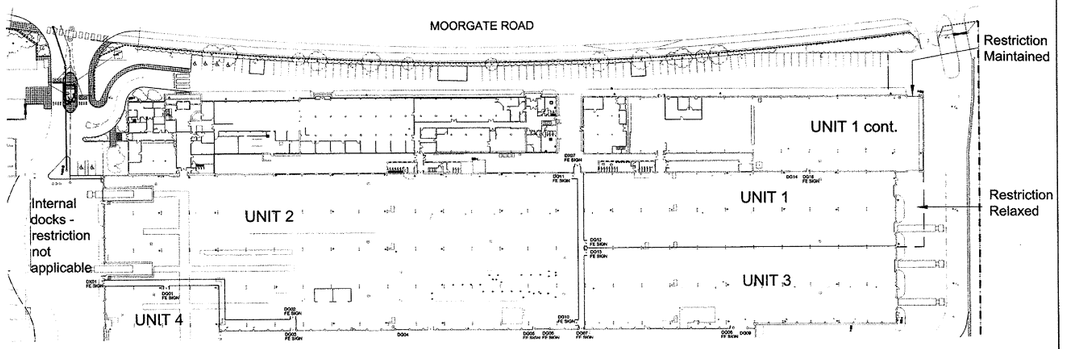

PART PLAN N.T.S

Cond. 12
Rec'd 24/7/00

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- PROPOSED COMMERCIAL DEVELOPMENT
- BURFORD

57188-226 | -

REF: PLANNING CONDITION NO.12
EXTERNAL LOADING + UNLOADING

MOORGATE POINT, KNOWSLEY

BURFORD

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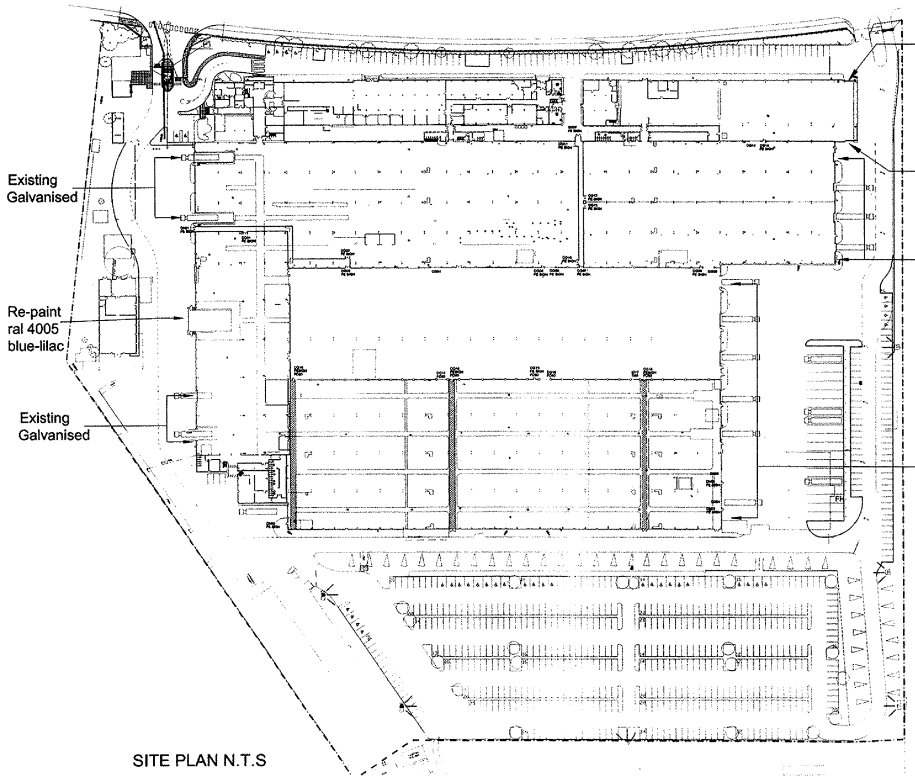

SITE PLAN N.T.S

Cond. 14
Rec'd 24/7/02

REV	DATE	DRAWN BY

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- PROPOSED COMMERCIAL DEVELOPMENT
- BURFORD

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DO NOT SCALE FROM THIS DRAWING

REF: PLANNIG CONDITION NO.14
RE-PAINTING OF ROLLER SHUTTER DOORS

MOORGATE POINT, KNOWSLEY

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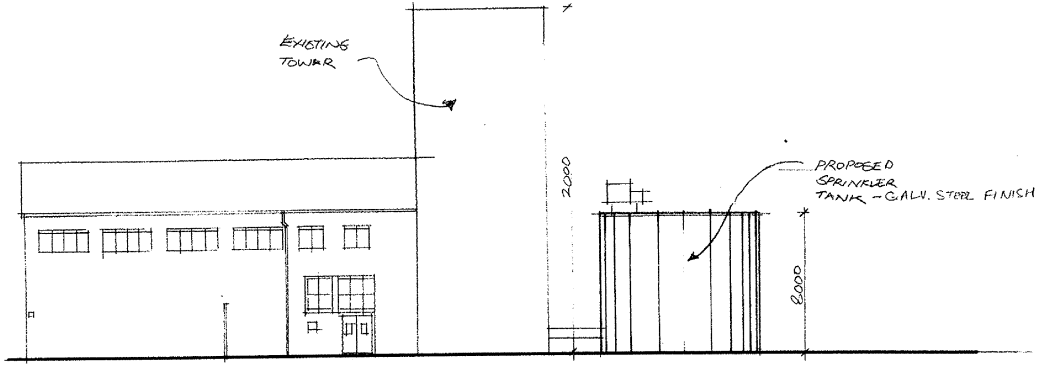
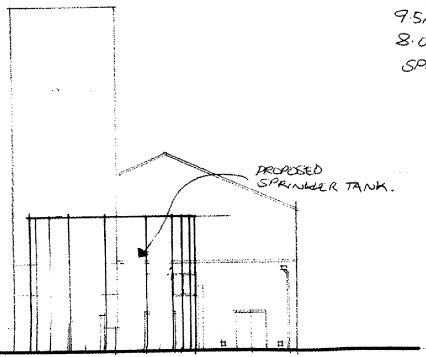
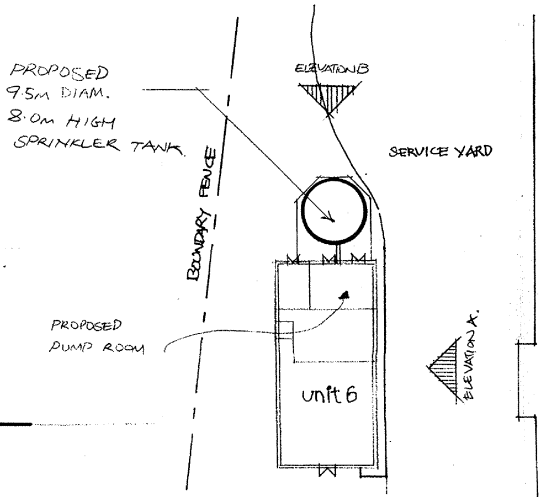


ELEVATION A SCALE 1:200



ELEVATION B SCALE 1:200



PART PLAN SCALE 1:500

UNIT 4
MAIN WAREHOUSE.

REV	DATE	DRAWN BY

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- MOORGATE KNUTSFORD
- SPRINKLER TANK PROPOSAL

57188-228

CT REPROGRAPHICS 276

BURFORD

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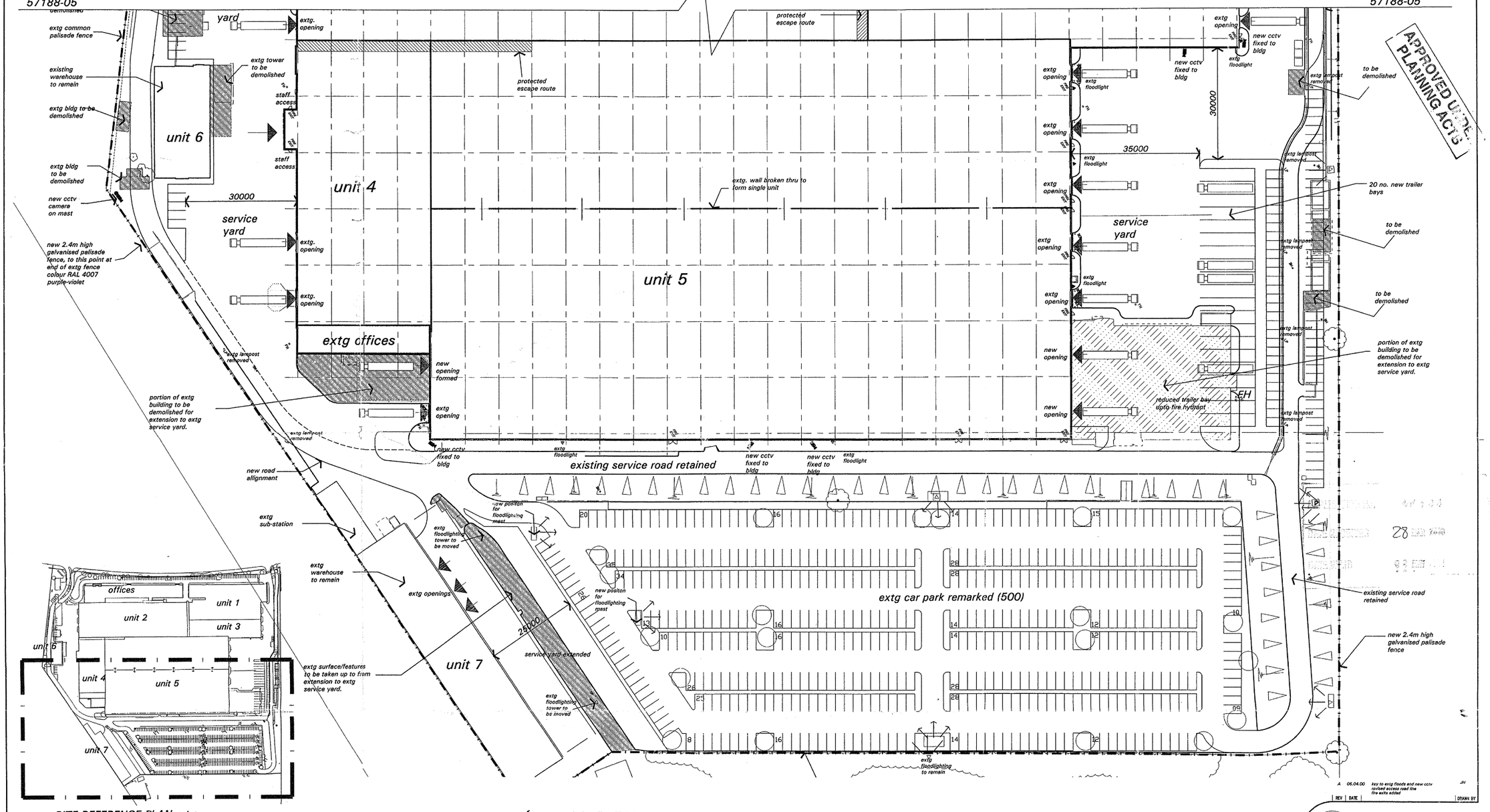
cont. on dwg 57188-05

cont. on dwg 57188-05



SITE REFERENCE PLAN n.t.s

existing floodlighting tower to be retained

existing building mtd son floodlight to remain

colour ptz camera

colour ptz camera on new 6m high mast

	SCHEDULE OF AREAS:	car parking requirement
B1	offices = 4710 msq	157 spaces
B2	unit 1 = 4,575 msq	77 spaces
B2	unit 2 = 7,700 msq	116 spaces
B2	unit 3 = 2,550 msq	50 spaces
B8	unit 4 = 2,900 msq	35 spaces
B8	unit 5 = 19,300 msq	198 spaces
B8	unit 6 = 520msq	11 spaces
B8	unit 7 = 1134msq	17 spaces
	TOTAL	661 spaces REQUIRED

TOTAL SPACES PROVIDED = 663

SCALE 1:500

PROPOSED SITE PLAN SHEET 2 OF 2
KNOWSLEY METROPOLITAN BOROUGH

REV	DATE		DRAWN BY
A	06.04.00	key to extg floods and new cctv revised access road line fire exits added	JH

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- PROPOSED COMMERCIAL DEVELOPMENT
- BURFORD
- proposed site plan
- 10.03.00 JH 1:500@A1

57188-SK06 A

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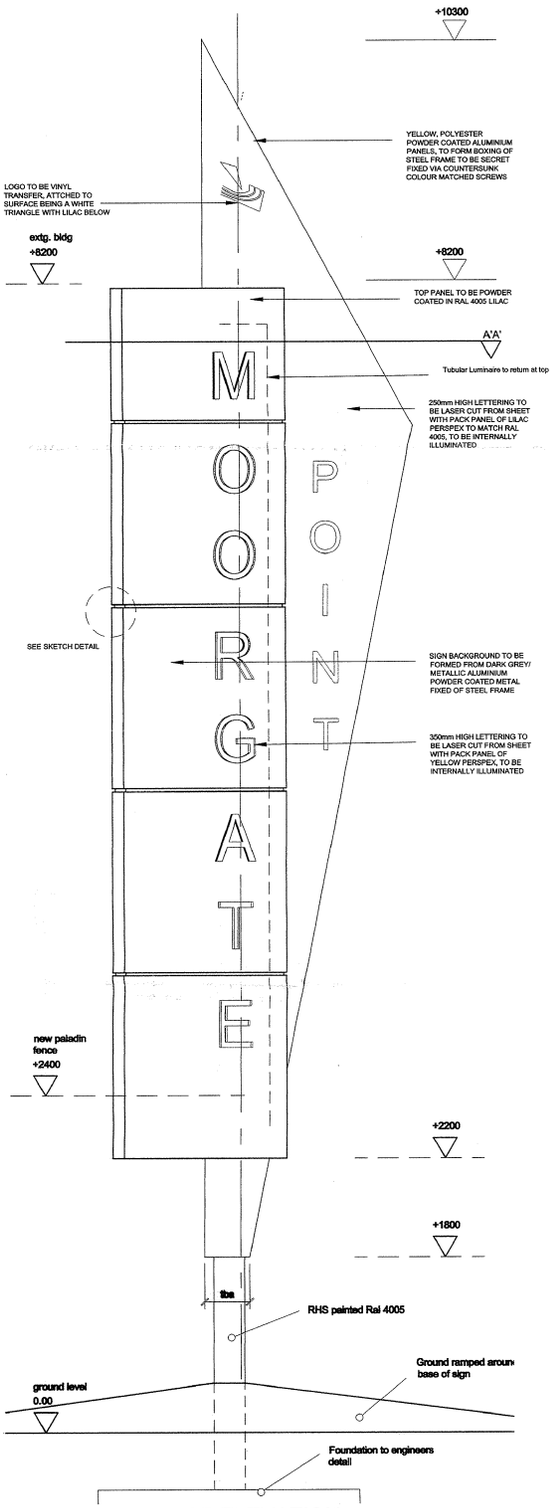
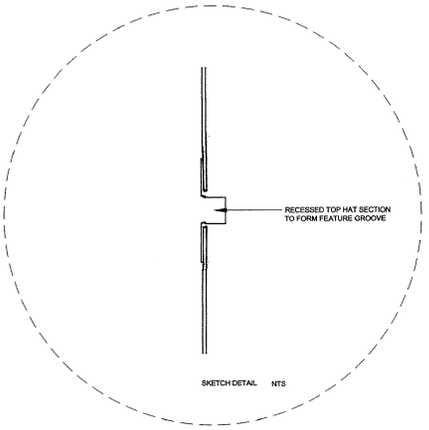
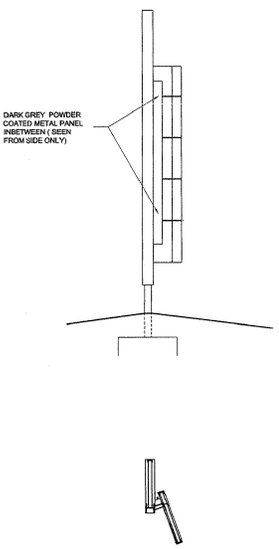
REFER TO DWG SK08 FOR PERSPECTIVE OF MAIN ENTRANCE SIGNS OFF MOORGATE RD



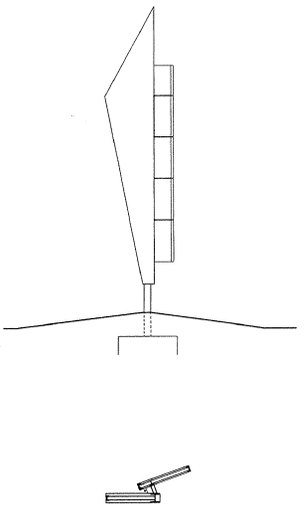
SIGN - ENTRANCE ELEVATION



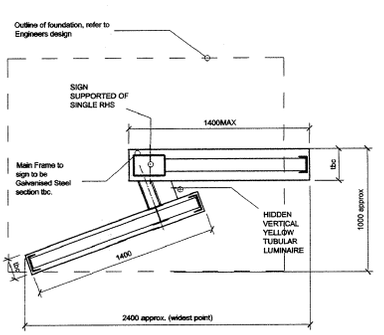
SKETCH DETAIL NTS



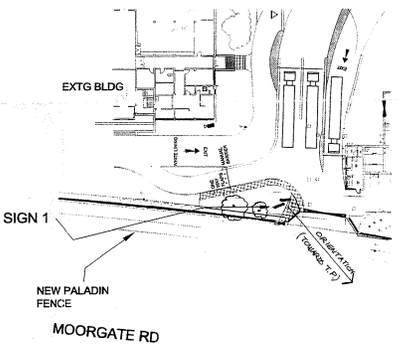
END VIEW
NTS



REAR , EXIT VIEW
NTS



TYPICAL SECTION A'A'



LOCATION PLAN - scale 1:500

ENTRANCE SIGN

MOORGATE POINT - KNOWSLEY

REV	DATE		DRAWN BY
B	19.08.00	NOTES,FEATURE GROOVE ADDED ELEVATIONS ADDED LOACTION PLAN UPDATED	JH
A	06.06.00	SIGN 2 - OMITTED, SIGN 1 REDUCED IN SIZE	JH

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- PROPOSED COMMERCIAL DEVELOPMENT
- BURFORD
- MAIN ENTRANCE SIGNS
- 10.04.00 JH A1

57188-SK07 B

N:\DRAWINGS\PROJ\ KNOWSLEY\CURRENT

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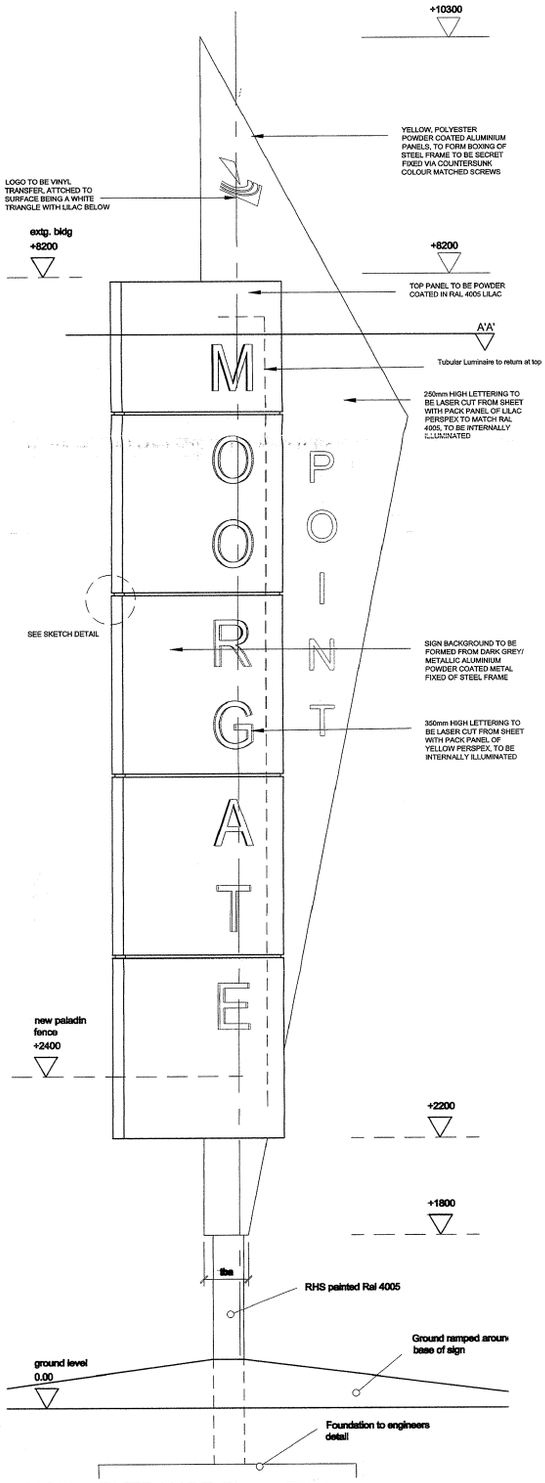
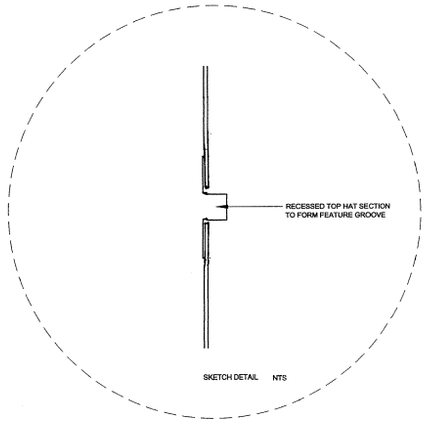
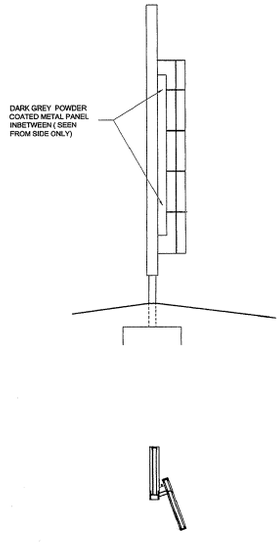


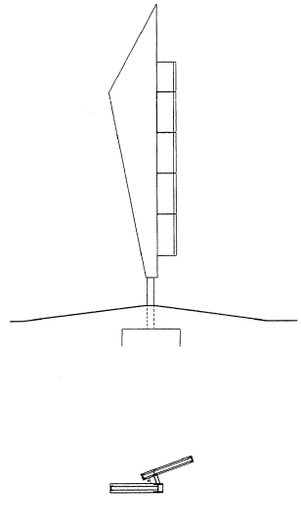
SIGN - ENTRANCE ELEVATION



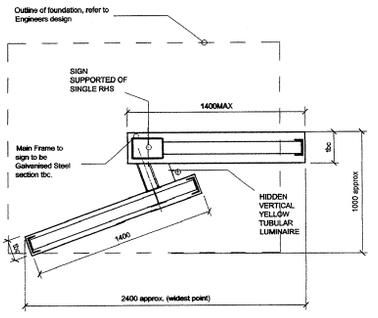
SKETCH DETAIL NTS



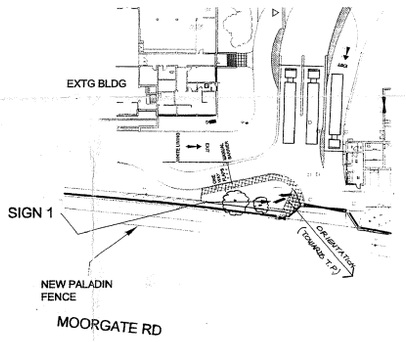
END VIEW
NTS



REAR , EXIT VIEW
NTS



TYPICAL SECTION A'A'
ENTRANCE SIGN



LOCATION PLAN - scale 1:500

REV	DATE		DRAWN BY
B	19.09.00	NOTES,FEATURE GROOVE ADDED ELEVATIONS ADDED LOACTION PLAN UPDATED	JH
A	06.06.00	SIGN 2 - OMITTED, SIGN 1 REDUCED IN SIZE	JH

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- PROPOSED COMMERCIAL DEVELOPMENT
- BURFORD
- MAIN ENTRANCE SIGNS
- 10.04.00 JH A1

57188-SK07 B

MOORGATE POINT - KNOWSLEY

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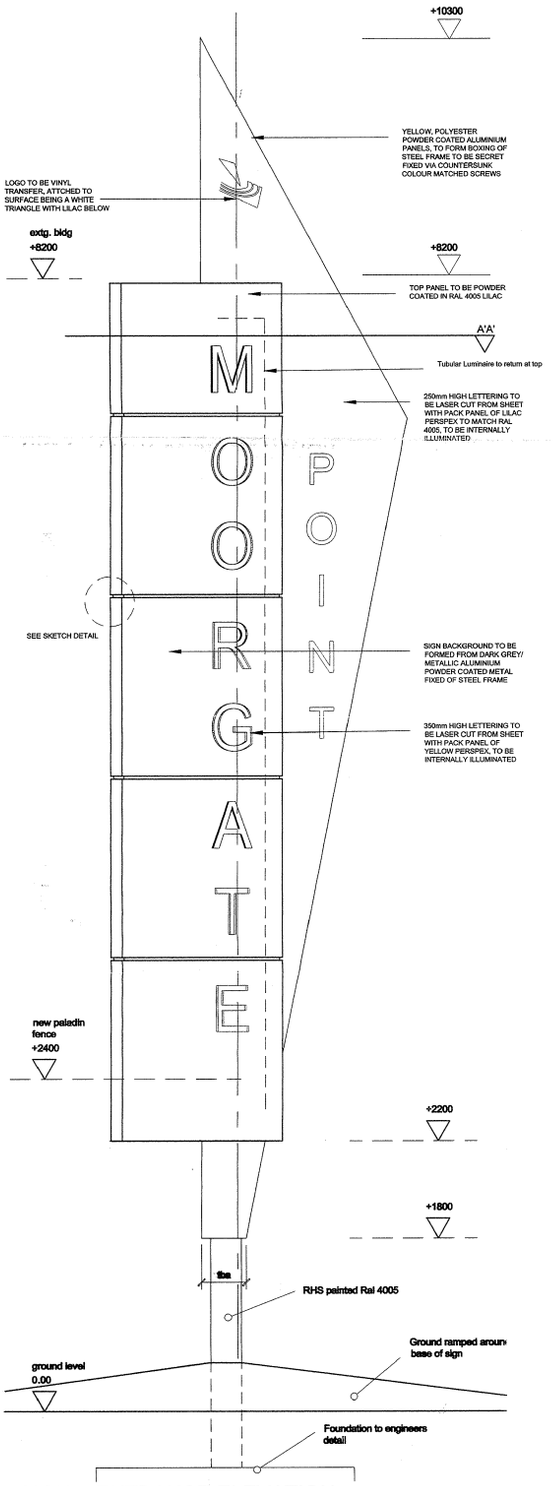
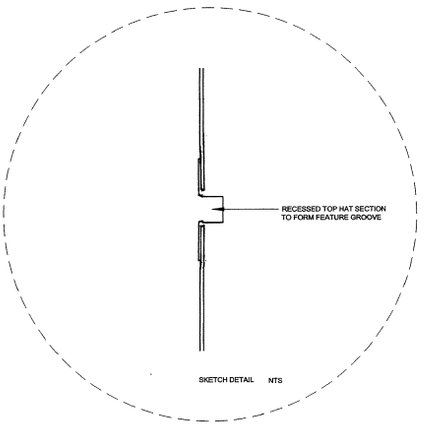
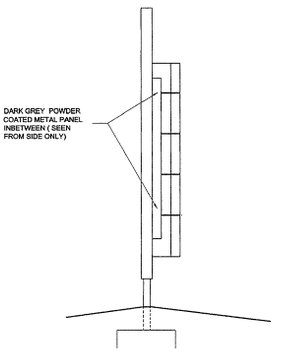
REFER TO DWG SK08 FOR PERSPECTIVE OF MAIN ENTRANCE SIGNS OFF MOORGATE RD

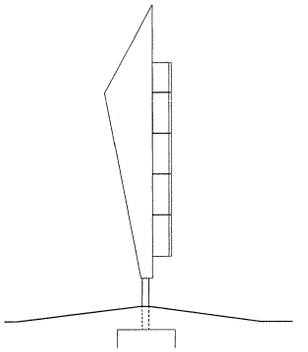


SIGN - ENTRANCE ELEVATION

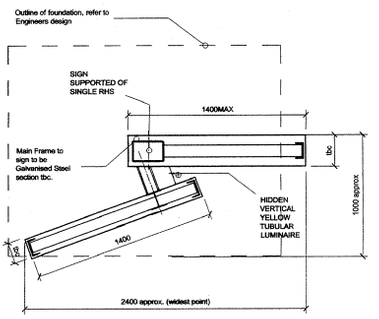




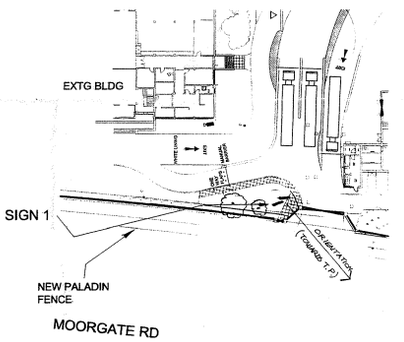
END VIEW
NTS



REAR , EXIT VIEW
NTS



TYPICAL SECTION A'A'
ENTRANCE SIGN



LOCATION PLAN - scale 1:500

REV	DATE		DRAWN BY
D	19.06.00	NOTES,FEATURE GROOVE ADDED	JH
		ELEVATIONS ADDED	
		LOACTION PLAN UPDATED	
A	06.06.00	SIGN 2 - OMITTED, SIGN 1 REDUCED IN SIZE	JH

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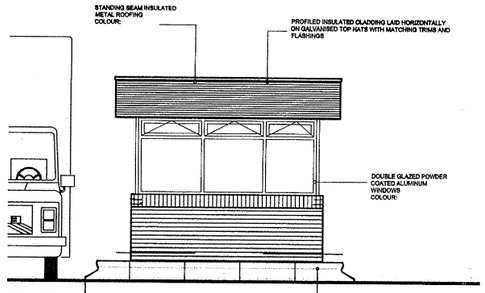
PROPOSED COMMERCIAL DEVELOPMENT
BURFORD
MAIN ENTRANCE SIGNS
10.04.00 JH A1

KEPAWINGS\PROJ\ KNOWSLEY\CURRENT

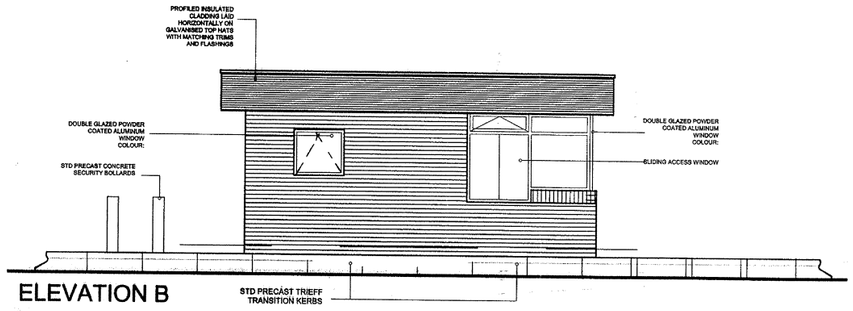
MOORGATE POINT - KNOWSLEY

57188-SK07 B

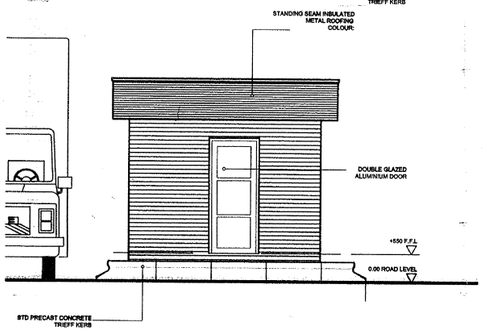
BURFORD



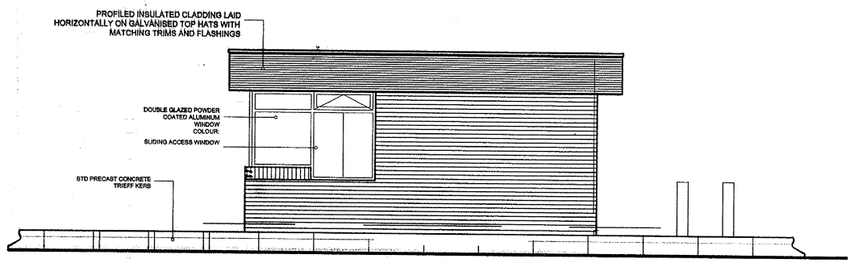
ELEVATION A



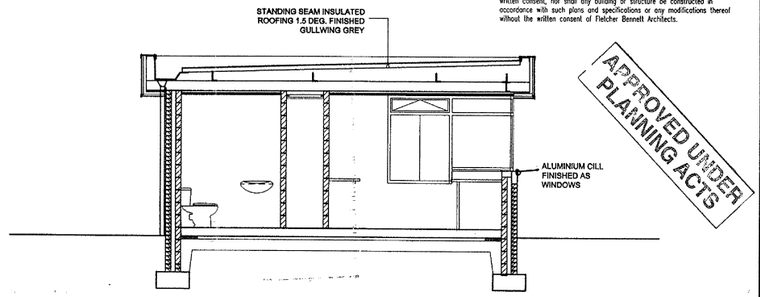
ELEVATION B



ELEVATION C



ELEVATION D



SECTION A'A'

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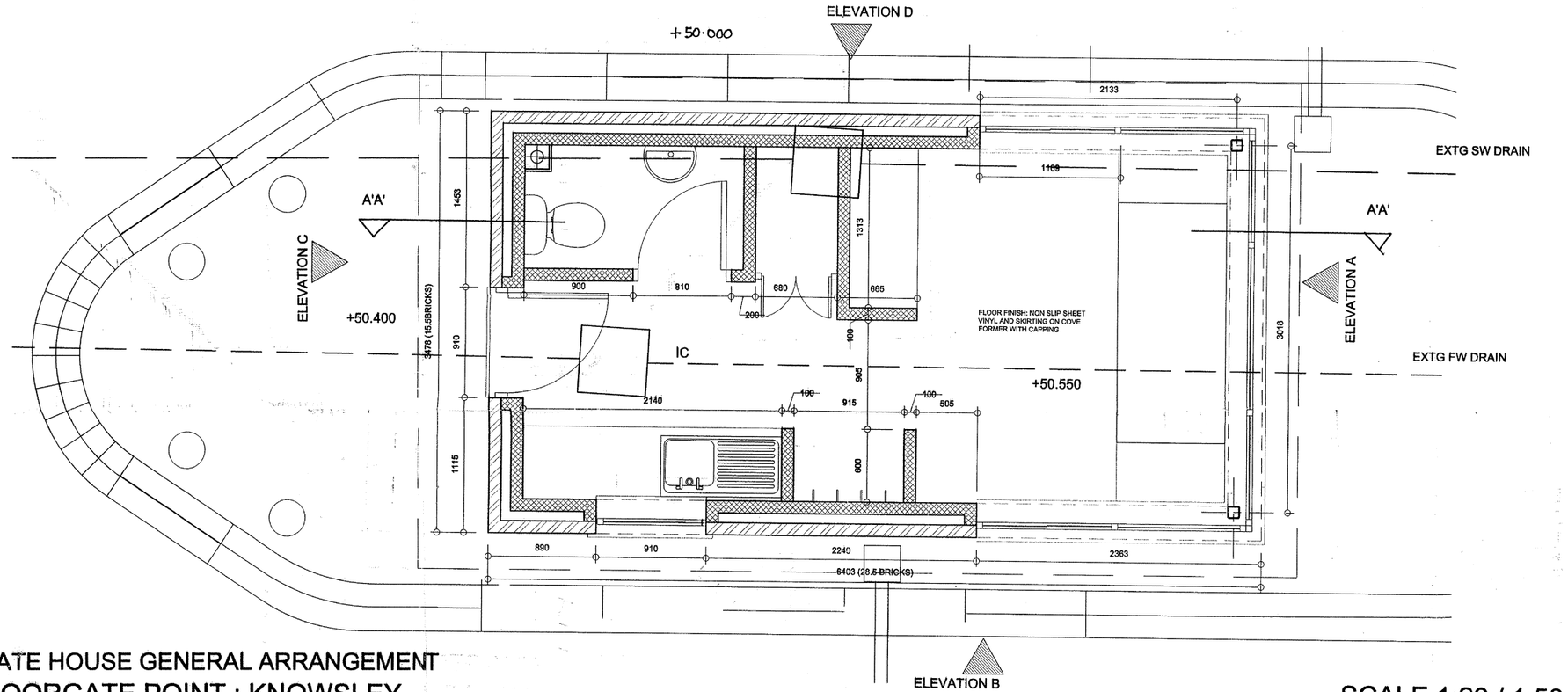
APPROVED UNDER PLANNING ACTS



NOTE:

DRAINS TO BE ENCASED IN ACCORDANCE WITH BUILDING REGULATIONS PART H SECTIONS A9,10,11

FINISHED FLOOR LEVEL TBC

GATE HOUSE GENERAL ARRANGEMENT
MOORGATE POINT : KNOWSLEY

SCALE 1:20 / 1:50

REV	DATE	DRAWN BY

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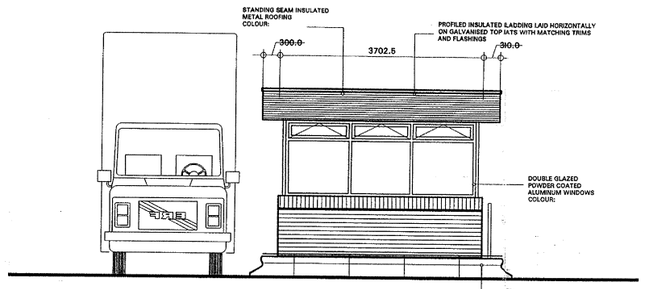
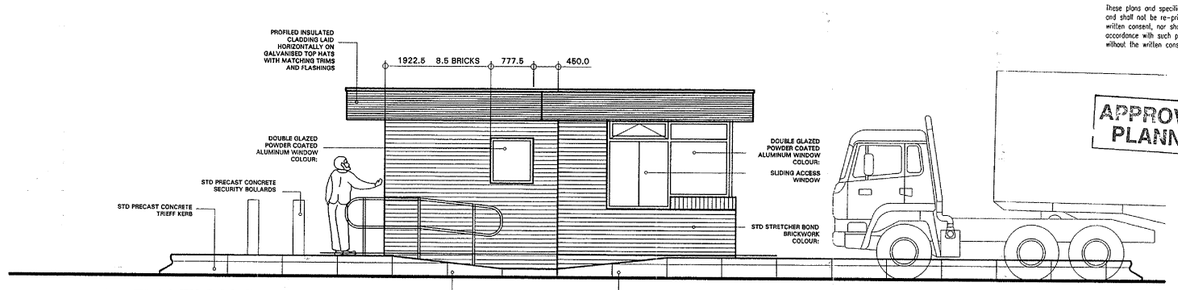
- MOORGATE POINT - KNOWSLEY
- BURFORD
- GATE HOUSE GEN. ARRANGEMENT
- 05.05.00 JH 1:20/1:50 A1

57188-110 | -

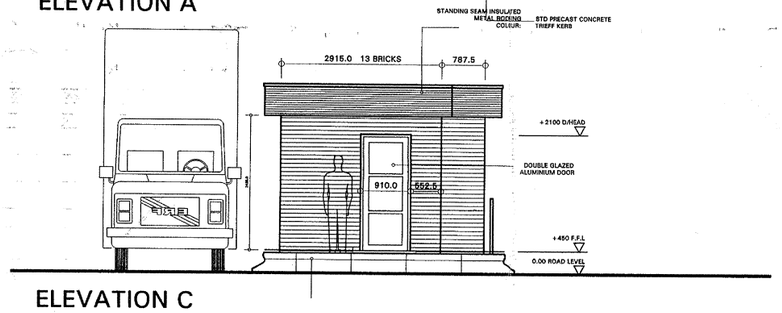
BURFORD



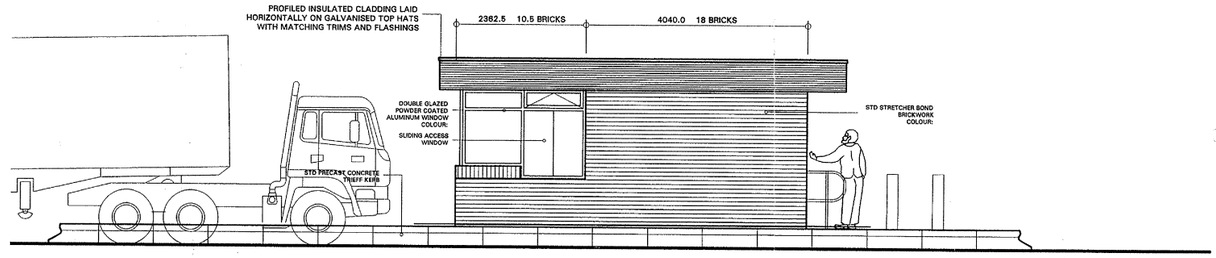
ELEVATION A



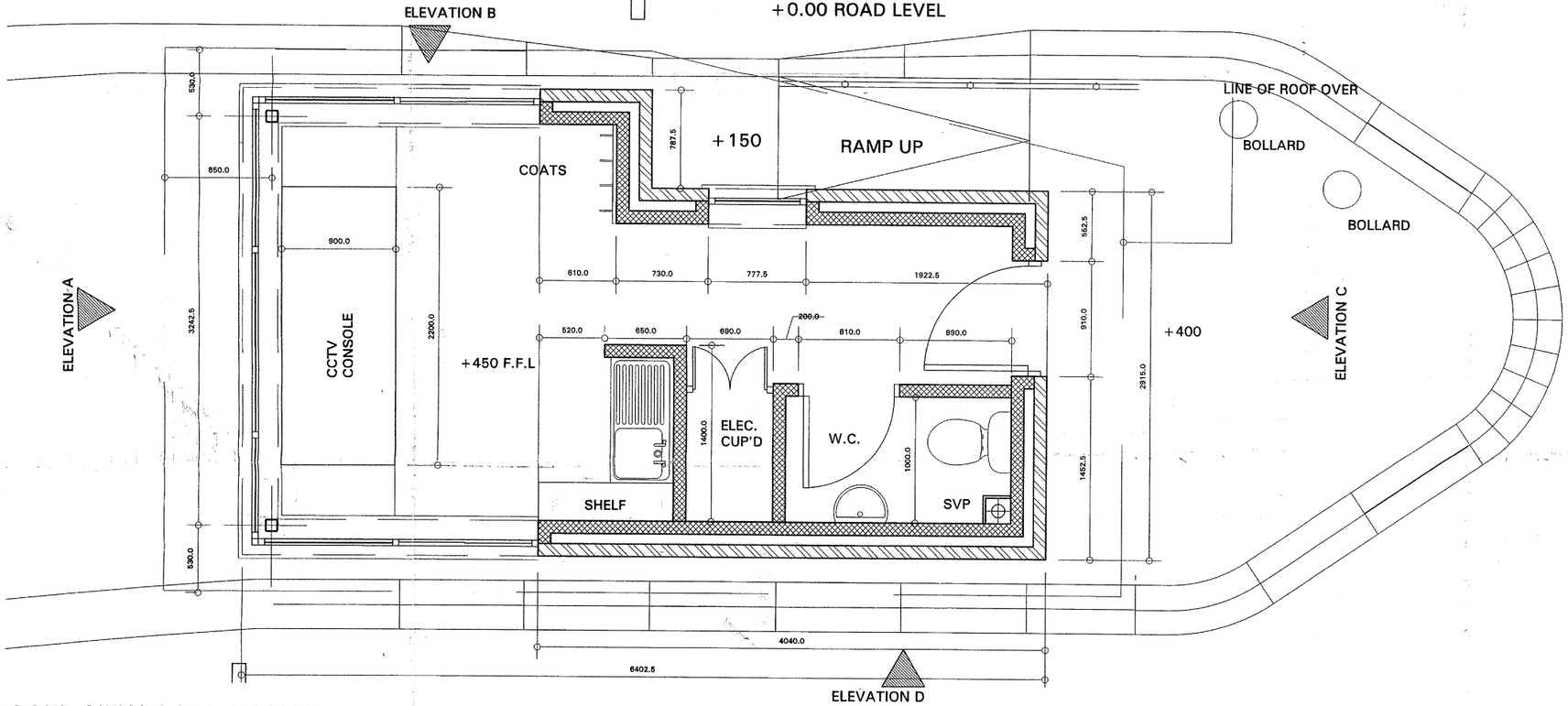
ELEVATION B

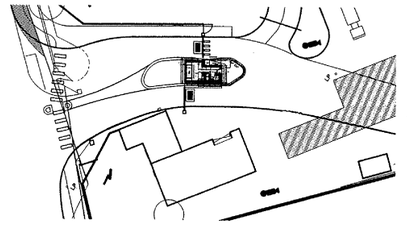


ELEVATION C



ELEVATION D





LOCATION N.T.S

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APPROVED UNDER PLANNING ACTS

APPLICATION No. [illegible]
DATE RECEIVED 28 MAR 2000
DATE VALID 09 MAY 2004

REV	DATE	DRAWN BY

FLETCHER BENNETT ARCHITECTS

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- MOORGATE POINT - KNOWSLEY
- BURFORD
- PROPOSED GATE HOUSE
- 13.4.00 JH 1:20/1:50 A1

57188-SK10 -

PROPOSED NEW GATE HOUSE
MOORGATE POINT : KNOWSLEY

SCALE 1:20 / 1:50

BURFORD

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new chamelling island/approach to be designed in accordance with relevant highway standards

new feature entrance signage behind splay line

new feature entrance signage behind splay line

note: extg dwarf wall to remain

new 2.4m high paladin fence see dwg 57188-sk02

extg bldg to remain, refurbished as management office

new gate house

extg sub-station

new cctv camera on mast

new sprinkler tank

new pump house

new cctv camera on mast

extg bldg to be demolished

new access road

new parking

extg bldg to be demolished

extg common palisade fence

existing warehouse to remain

extg bldg to be demolished

extg bldg to be demolished

unit 6

extg tower to be demolished

staff access

staff access

service yard

height barrier

2 storey offices

OFFICE CAR PARK (81)

toilet block

toilet block

unit 2

unit 1

unit 3

protected escape route

protected escape route

height barrier

extg surface/features to be taken up to from extension to extg service yard/access

15m approx

24m approx

extg retaining wall to remain

new cctv fixed to bldg

new cctv fixed to bldg

to be demolished

30000

35000

extg lamppost removed

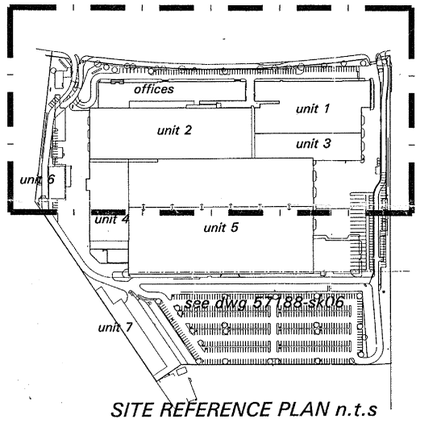
extg floodlight

extg opening

PROPOSED PART PLAN : SCALE 1:500

	SCHEDULE OF AREAS:	car parking requirement
B1	offices = 4710 msq	157 spaces
B2	unit 1 = 4,575 msq	77 spaces
B2	unit 2 = 7,700 msq	116 spaces
B2	unit 3 = 2,550 msq	50 spaces
B8	unit 4 = 2,900 msq	35 spaces
B8	unit 5 = 19,300 msq	198 spaces
B8	unit 6 = 520msq	11 spaces
B8	unit 7 = 1134msq	17 spaces
	TOTAL	661 spaces REQUIRED

TOTAL SPACES PROVIDED = 663



SITE REFERENCE PLAN n.t.s

existing floodlighting tower to be retained

existing building mtd son floodlight to remain

colour ptz camera

colour ptz camera on new 6m high mast

APPROVED UNDER PLANNING ACTS

REV	DATE		DRAWN BY
B	06.04.00	key to extg floods and new cctv revised access road line fire exits added	JH
A	27.03.00	REVISED ENTRANCE WITH COMPOUND CURVE	JH

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- PROPOSED COMMERCIAL DEVELOPMENT
- BURFORD
- proposed site plan
- 10.03.00 JH 1:500@A1

K:\DRAWINGS\PROJ\KNOWSLEY

57188-SK05 B

PROPOSED SITE PLAN
KNOWSLEY METROPOLITAN BOROUGH

SHEET 1 OF 2

BURFORD

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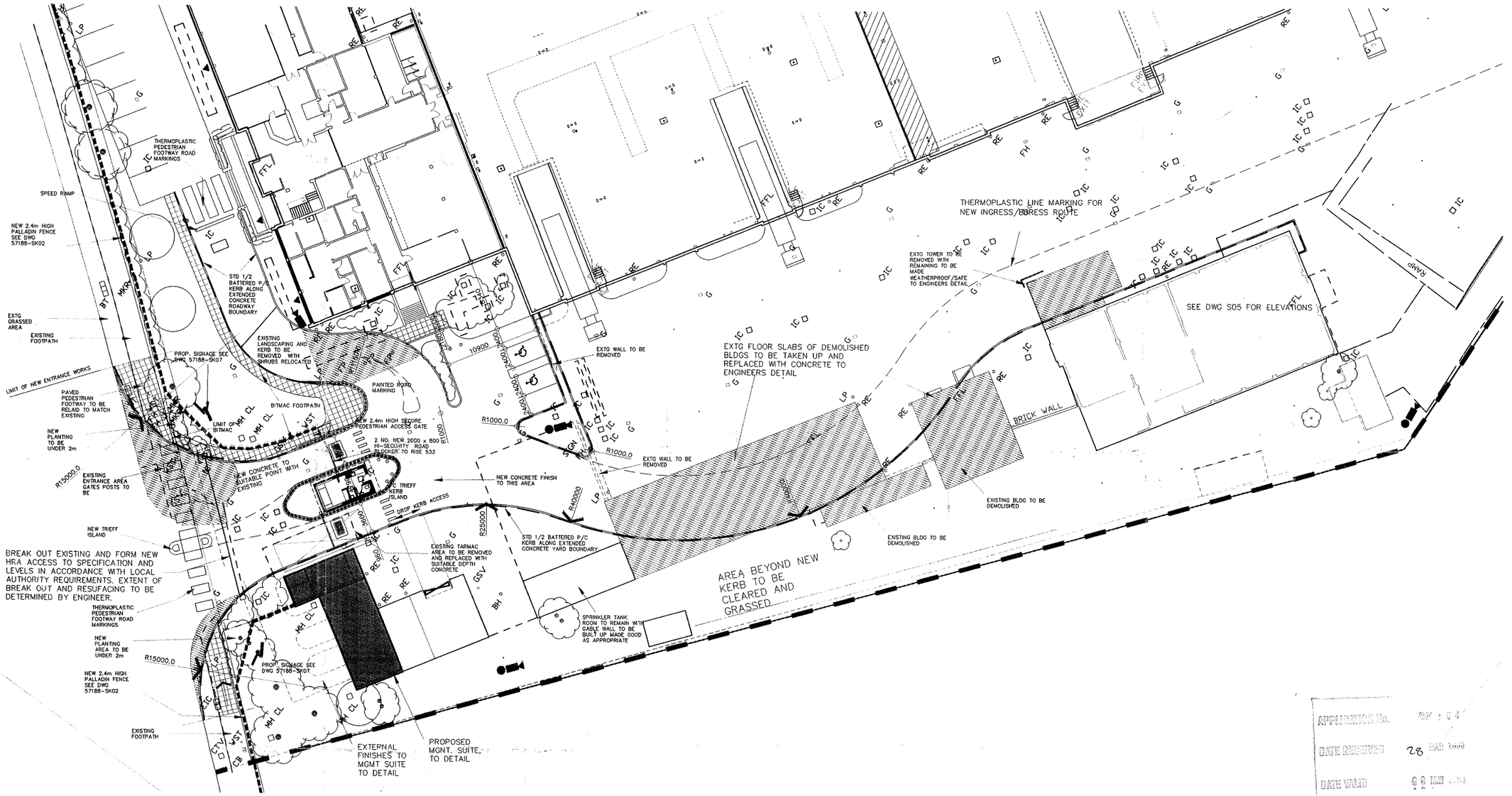

APPLICATION No. [illegible]
DATE RECEIVED 28 MAR 2000
DATE VALID [illegible]

APPROVED UNDER PLANNING ACTS

REV	DATE	DRAWN BY
A	3/5/00	GATE HOUSE POSITION/ KERBS REVISED DPP

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- MOORGATE POINT - KNOWSLEY
- BURFORD
- ENTRANCE OFF M/GATE RD
- 26.04.00 JH A1

57188-200 A

ENTRANCE ROAD OFF MOORGATE RD
MOORGATE POINT : KNOWSLEY

SCALE 1:200