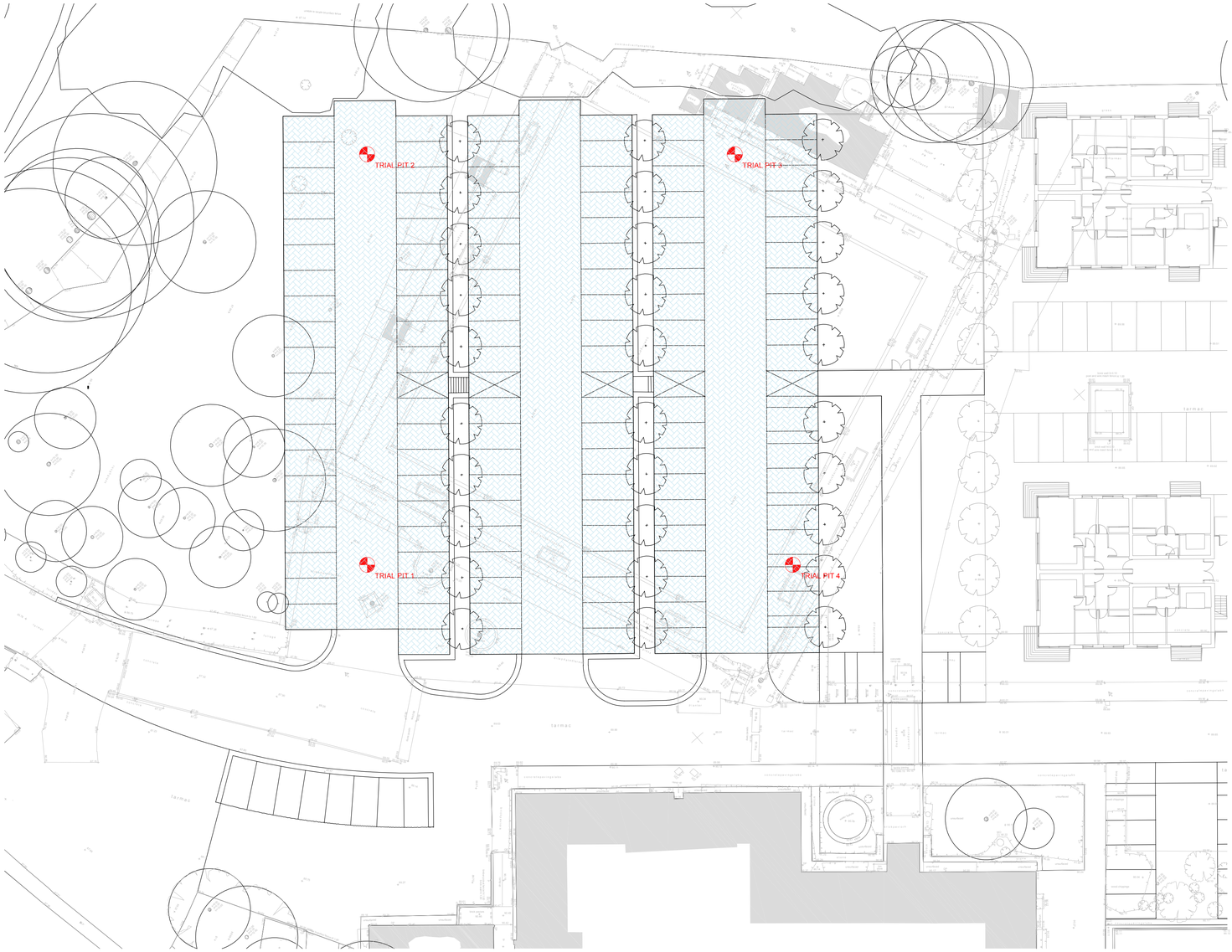
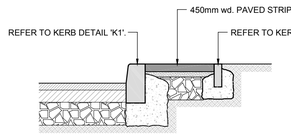
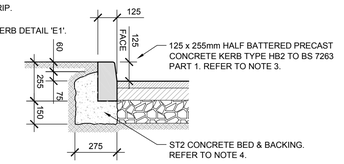




PAVED STRIP DETAIL



KERB DETAIL 'K1'

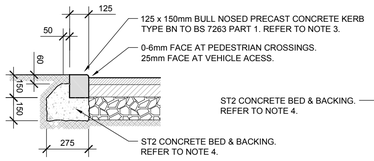
WEARING COURSE:
65mm thk. MARSHALL 'PERFECTA' SLABS
(REFER TO ARCHITECT'S SPECIFICATION)

LAYING COURSE:
50mm thk. COMPACTED SAND TO COMPLY WITH BS6677 PART 3

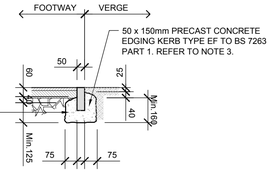
GRANULAR SUB-BASE:
THICKNESS: 150mm
MATERIAL: TYPE 1 TO CLAUSE 803 OF SPECIFICATION FOR HIGHWAY WORKS.

GEOTEXTILE:
LOTRAK ADVANCE.

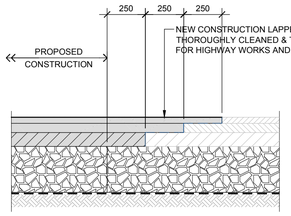
SUB GRADE CBR OF 2% ASSUMED
(TO BE PROVED BY SUB-CONTRACTOR).
SUB GRADE TO BE COMPACTED BY ROLLER, SOFT SPOTS TO BE REMOVED AND BACK FILLED WITH WELL COMPACTED CAPPING MATERIAL.



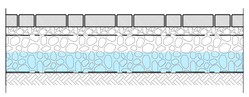
KERB DETAIL 'K2'



EDGE RESTRAINT DETAIL 'E1'



TIE-IN DETAIL



PERMEABLE BLOCK PAVED PARKING AREAS

WEARING COURSE:
80mm thk. PROPRIETARY PAVERS SUCH AS FORMPAVE AQUAFLOW (OR SIMILAR APPROVED)
COLOUR TO BE AGREED WITH ARCHITECT.

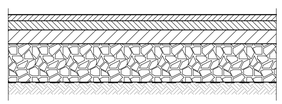
LAYING COURSE:
50mm thk. 2-6mm SIZE CLEAN CRUSHED STONE TO BS EN 13242: 2002.

FILTER GEOTEXTILE:
INBITEX OR SIMILAR APPROVED.

GRANULAR DRAINAGE BLANKET:
300mm thk. 4/20 COURSE AGGREGATE WITH 30% VOIDS RATIO TO BS 7533 – 13 2009, TABLE A.1, A.3 AND CLAUSES 6.2 AND 6.3 GRANULAR BLANKET WRAPPED WITH IMPERMEABLE GEOTEXTILE.

CONSTRUCTION TO BE LINED WITH FILTER GEOTEXTILE (INBITEX OR SIMILAR APPROVED)

SUB GRADE CBR OF 2% ASSUMED.
(TO BE PROVEN BY SUB-CONTRACTOR)
SUB GRADE TO BE COMPACTED BY ROLLER, SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH WELL COMPACTED CAPPING MATERIAL.



NON POROUS ACCESS ROAD

WEARING COURSE:
THICKNESS: 40mm
MATERIAL: SMA SURFACE COURSE (14mm SIZE) TO BS 594987:2007 PD6691 Ref. SMA 14 SURF.

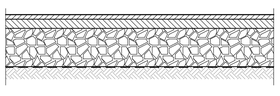
BINDER COURSE:
THICKNESS: 60mm
MATERIAL: DENSE BINDER COURSE (20mm SIZE) TO BS 594987:2007 PD6691 Ref. AC20 DENSE BIN.

ROAD BASE:
THICKNESS: 90mm
MATERIAL: DENSE BASE (32mm SIZE) TO BS 594987:2007 PD6691 Ref. AC32 DENSE BASE.

GRANULAR SUB BASE:
THICKNESS: 250mm
MATERIAL: TYPE 1 TO CLAUSE 803 OF SPECIFICATION FOR HIGHWAY WORKS.

GEOTEXTILE:
LOTRAK 50R.

SUB GRADE CBR OF 2% ASSUMED.
(TO BE PROVEN BY SUB-CONTRACTOR)
SUB GRADE TO BE COMPACTED BY ROLLER, SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH WELL COMPACTED CAPPING MATERIAL.



NON POROUS BITUMINOUS PARKING AREAS

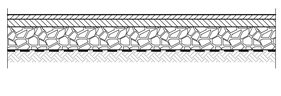
WEARING COURSE:
THICKNESS: 30mm
MATERIAL: DENSE SURFACE COURSE (6mm SIZE) TO BS 594987:2007 PD6691 Ref. AC6 DENSE SURF.

BASE COURSE:
THICKNESS: 60mm
MATERIAL: DENSE BINDER COURSE (20mm SIZE) TO BS 594987:2007 PD6691 Ref. AC20 DENSE BIN.

GRANULAR SUB BASE:
THICKNESS: 250mm
MATERIAL: TYPE 1 TO CLAUSE 803 OF SPECIFICATION FOR HIGHWAY WORKS.

GEOTEXTILE:
LOTRAK 50R.

SUB GRADE CBR OF 2% ASSUMED.
(TO BE PROVEN BY SUB-CONTRACTOR)
SUB GRADE TO BE COMPACTED BY ROLLER, SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH WELL COMPACTED CAPPING MATERIAL.



PEDESTRIAN FOOTPATH

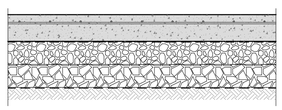
WEARING COURSE:
THICKNESS: 20mm
MATERIAL: DENSE SURFACE COURSE (6mm SIZE) TO BS 594987:2007 PD6691 Ref. AC6 DENSE SURF.

BASE COURSE:
THICKNESS: 50mm
MATERIAL: DENSE BINDER COURSE (20mm SIZE) TO BS 594987:2007 PD6691 Ref. AC20 DENSE BIN.

GRANULAR SUB-BASE:
THICKNESS: 150mm
MATERIAL: TYPE 1 TO CLAUSE 803 OF SPECIFICATION FOR HIGHWAY WORKS.

GEOTEXTILE:
LOTRAK ADVANCE.

SUB GRADE CBR OF 2% ASSUMED.
(TO BE PROVEN BY SUB-CONTRACTOR)
SUB GRADE TO BE COMPACTED BY ROLLER, SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH WELL COMPACTED CAPPING MATERIAL.



BIN SLAB DETAIL

WEARING COURSE:
THICKNESS: 175mm
MATERIAL: CONCRETE PAV 2 TO BS5328 WITH 1 LAYER A393 MESH IN TOP 50mm COVER

GRANULAR SUB-BASE:
THICKNESS: 150mm
MATERIAL: TYPE 1 TO CLAUSE 803 OF SPECIFICATION FOR HIGHWAY WORKS.

CAPPING LAYER:
THICKNESS: 100mm
MATERIAL: 6F1 / 6F2 TO SERIES 600 OF HA SPECIFICATION.

GEO-GRID
LOTRAK 50R.

SUB GRADE CBR OF 2% ASSUMED.
(TO BE PROVEN BY SUB-CONTRACTOR)
SUB GRADE TO BE COMPACTED BY ROLLER, SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH WELL COMPACTED CAPPING MATERIAL.

General Notes:

1. DO NOT SCALE THIS DRAWING.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS, SCHEDULES AND SPECIFICATIONS.

Key:

DENOTED EXTENT OF POROUS PAVING.

INFORMATION

Rev.	Date:	By:	Chkd:	Revision Notes:
1	30.11.17	RG	PG	ISSUED FOR INFORMATION.

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Consulting Engineers
GDP
The Cart Lodge, Lullingstone Lane, Eynsford, Kent. DA40HZ
Tel: 01322 868622 Fax: 01322 861050
Email : contact@gdteam.co.uk

Client:
ODYSSEY HEALTH CLUBS.

Project:
PROPOSED CAR PARK,
ODYSSEY HEATH CLUB,
STEVENAGE.

Drawing:
DRAINAGE PROPOSALS.

Scale:	1:250		at A1
Drawn:	RG	Checked: PG	Date: Oct. '17

Job No:	Drawing No:	Rev:
17-130-S(52)401		1

ODYSSEY HEALTH CLUBS