



DO NOT SCALE FROM THIS DRAWING

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS AND DETAILS AND CONTRACT DOCUMENTATION AND ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.

3. THE GENERAL SPECIFICATION OF MATERIALS AND WORKMANSHIP FOR THE CONSTRUCTION OF THE ACCESS ROAD, FOOTPATHS AND OTHER AREAS OF HARDSTANDING SHALL BE THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, VOLUME 1, SPECIFICATION FOR HIGHWAY WORKS (SHW) PUBLISHED BY THE STATIONARY OFFICE, MARCH 1998 AND ALL SUBSEQUENT AMENDMENTS.

4. ALL MATERIALS, UNLESS SPECIFIED OTHERWISE, SHALL COMPLY WITH THE RELEVANT BRITISH STANDARD. SOURCES OF MATERIALS ARE TO BE AGREED IN ADVANCE OF THE WORKS.

5. CONCRETE MIXES INDICATED ON THIS DRAWING ARE DESIGNATED MIXES IN ACCORDANCE WITH BS 5328: 1997. MIX

6. ALL EXISTING SERVICES TO BE LOCATED AND WHERE NECESSARY DIVERSIONS UNDERTAKEN TO AVOID CONFLICT WITH THE PROPOSED WORKS

7. THE FORMATION OF CONCRETE PAVEMENTS AND FOOTWAYS SHALL BE PREPARED BY REMOVING ALL UNSUITABLE MATERIAL AND AN APPROVED WEEDKILLER SHALL BE SPRAYED ON THE SUB-FORMATION PRIOR TO CAPPING LAYER.

8. ANY SOFT SPOTS AT THE UNDERSIDE OF CAPPING LAYER TO BE EXCAVATED AND REPLACED WITH AN APPROVED GRANULAR MATERIAL AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATION.

9.

CBR VALUE AT FORMATION	SUB-BASE & CAPPING THICKNESS
CBR GREATER THAN 15%	150mm SUB-BASE
CBR GREATER THAN 2% BUT LESS THAN 15%	150mm SUB-BASE PLUS 350mm CAPPING
CBR LESS THAN 2%	150mm SUB-BASE PLUS 850mm CAPPING

10. NOTE: IF CBR IS GREATER THAN 15%: 250mm SUB-BASE REQUIRED IF SUB-GRADE IS FROST-SUSCEPTIBLE

11. ALL IMPORTED MATERIAL SHALL BE IN PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS SERIES 600.

12. PROPOSED BUND CONSTRUCTION TO BE CONFIRMED, SUBJECT TO DETAIL DESIGN

KEY

SITE BOUNDARY

PROPOSED CONCRETE HARDSTANDING

EXISTING COMPOSTING SLAB TO BE RETAINED

INDICATIVE 4.5m X 12m CONCRETE JOINT LAYOUT

EXPANSION JOINT

PROPOSED EXPANSION JOINT (PLEASE SEE DRAWING ST21061-120 FOR DETAILS)

PROPOSED LONGITUDINAL JOINT (PLEASE SEE DRAWING ST21061-120 FOR DETAILS)

PROPOSED CONTRACTION JOINT (PLEASE SEE DRAWING ST21061-120 FOR DETAILS)

PROPOSED LEACHATE TANK SLAB

PROPOSED SLAB CONTOURS

PROPOSED HIGH CONTAINMENT KERB "TRIEF KERB" CAMEL EXTRA DEEP PROFILE OR SIMILAR

PROPOSED DRAINAGE CHANNEL (PLEASE SEE DRAWING ST21061-120 FOR DETAILS)

EXISTING GAS MAIN TO BE RETAINED

PROPOSED EXTENTS OF GAS MAIN PROTECTION SLAB (PLEASE SEE DRAWING BM12515-2000 FOR DETAILS)

EXISTING BUND TO BE REMOVED

PROPOSED FILTER DRAIN, SEE DRAWING ST21061-120 FOR DETAILS

EXISTING DRAINAGE DITCH

EXISTING 1m DIAMETER CULVERT

P2

DRAINAGE CHANNEL DETAILS ADJUSTED

05/07/24

LI

P1

CONTOURS AND JOINT LAYOUT ADJUSTED

05/07/24

LI

P0

PRELIMINARY ISSUE

05/07/24

LI

REVISION

DETAILS

DATE

ISSUED

APPROVED

CLIENT

WEST LONDON COMPOSTING

PROJECT

PERMIT VARIATION WEST LONDON

DRAWING TITLE

CONCRETE SLAB GENERAL ARRANGEMENT PLAN (NOMINAL 4.5m X 12.0m BAYS)

DRG No.

ST21061-101

REV

P2

SUIT. CODE

DRG SIZE

A1

SCALE

1:500

DATE

05/07/24

DRAWN BY

LI

CHECKED BY

APPROVED BY

TYPICAL CONCRETE SLAB CONSTRUCTION DETAIL

NOT TO SCALE

SURFACE OF CONCRETE SLAB SHALL BE BRUSH-TEXTURED IN DIRECTION AT RIGHT ANGLES TO LONGITUDINAL AXIS OF CARRIAGEWAY TO CLAUSE 1026 (SHW)

A393 MESH REINFORCEMENT TO BS4483/50mm COVER

215

PROPOSED GEOTEXTILE, DETAIL TO BE CONFIRMED BY DESIGNER

IMPERMEABLE SEPARATION MEMBRANE - PLASTIC SHEETING 125 MICRON THICK "VISOQUEEN" OR SIMILAR APPROVED TO CLAUSE 1007 (S.H.W.)

NOTE: CBR VALUES MUST BE TAKEN AT FORMATION LEVEL TO DETERMINE THICKNESS OF 6F2 CAPPING LAYER

215 THICK IN SITU CONCRETE SLAB

150 MINIMUM THICKNESS GRANULAR SUB-BASE MATERIAL TYPE 1 TO CLAUSE 803 (S.H.W.) DEPENDENT ON CBR VALUE AT FORMATION / SUB-GRADE MATERIAL (SEE NOTE 9)

SELECTED GRANULAR MATERIAL CLASS 6F2 TO SERIES 600 (SHW) (THICKNESS VARIES) AS CAPPING LAYER DEPENDENT ON CBR VALUE AT FORMATION / SUB-GRADE MATERIAL (SEE NOTE 9)

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