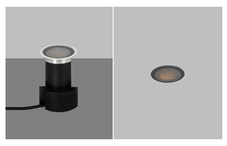


S1 STREET LIGHTING



UPLIGHTER



BOLLARD LIGHTING

LIGHT FITTING SCHEDULE

| SYMBOL | DESCRIPTION | QTY | LOAD | WATTS | TOTAL LUMENS | EFFICACY |
|---|---|---|---|---|---|---|
| S1 | LPA-MA35-730: DIE CAST ALUMINUM STREET LIGHT WITH PHOTOCELL, 4700LM, 30W, 3000K, IP66, IK09 | 5 | 20 | 100 | 11450 | 114.500000 |
| | 5 METRE SINGLE POLE FOR STREET LIGHT ABOVE | 5 | - | - | - | - |
| | LPA-GLS800-630-NADD: 800MM HIGH BOLLARD, 9W, 720LM, CRI80, 3000K, DIE HARD CAST ALUMINIUM, DALI DIMMABLE | 12 | 9 | 108 | 8640 | 80.000000 |
| | LPA-GLS3071-930-NADD: INGROUND TRIMLESS SPOTLIGHT, 6W, CRI90, 24V, 24 DEGREE BEAM, DALI DIMMABLE IN BLACK | 4 | 6 | 24 | 1680 | 70.000000 |

## Block Paving

Area indicated thus represents the following footpath constructions:
240x160x50mm Drivesett Coppice Pennant blend Interlocking block pavers from Marshals to be laid on 50mm sand bedding inturm laid on 200mm Dot type 1 compacted road base laid in 2 equal layers.
Triax TX160 laid on 100mm crushed concrete laid on 1st layer of Triax TX160 all laid on existing formation compacted with vibration roller On completion Joint filling sand to be brushed into joints and Marshals Keybond sand stabiliser applied and swept clean on completion

**Concrete Slab**
Concrete floor to bin store as per structural engineers details

Allow for concrete infill to areas indicated on the drawings where too small to pave or landscape

**Coloured Asphalt Paving - Pedestrian**
Asphalt Concrete (AC6)
Colour to match existing footpath on site.
Build-up and drainge to Engineers information.

**Light Vehicle Road Way / Parking**
Tarmac to car park to be 40mm thick SMA wearing course to adopt 14mm size aggregate to BS 594: Part 1 Group 2 and laid in accordance with causes 702,703,901,911 and 915 Department of Transport specification for highway works 1986. Bituminous base to be 60mm thick - 20mm aggregate to section 6.5 of BS 4987 part 1 and laid in accordance with BS 4987 part 2 and clauses 702,703,901, and 906 of Department of Transport specification for highway works 1986. Binder to be 150 Pen bitumen. Road base to be 300mm thick compacted in two layers DoT Type 1 sub base granular material, Type 1 as per Department of Transport specification clauses 803 laid in accordance with Department of Transport clause 802 with Tensar SS30 Geogrid to have min 300mm laps and must be laid in accordance with manufacturers details and recommendations. On a layer of Triax TX160 on 100mm thick down crusher run capping layer compacted on further layer of Triax TX160. The Developer shall ensure that the road base is adequately designed to accommodate the loadings of all delivery vehicles listed in this section.

## Heavy Vehicle Road Way / Parking

**Heavy Vehicle Road Way / Parking**
Tarmac to car park, circulation and drive thru lane areas to be 40mm thick SMA wearing course to adopt 14mm size aggregate to BS 594: Part 1 Group 2 and laid in accordance with causes 702,703,901,911 and 915 Department of Transport specification for highway works 1986. Bituminous base to be 60mm thick - 20mm aggregate to section 6.5 of BS 4987 part 1 and laid in accordance with BS 4987 part 2 and clauses 702,703,901, and 906 of Department of Transport specification for highway works 1986. Binder to be 150 Pen bitumen.
100mm Bitumous Road Base to be laid beneath ( 20mm aggregate )
Road base to be 300mm thick compacted in two layers DoT Type 1 sub base granular material, Type 1 as per Department of Transport specification clauses 803 laid in accordance with Department of Transport clause 802 with Tensar SS30 Geogrid to have min 300mm laps and must be laid in accordance with manufacturers details and recommendations. On a layer of Triax TX160 on 100mm thick down crusher run capping layer compacted on further layer of Triax TX160. The Developer shall ensure that the road base is adequately designed to accommodate the loadings of all delivery vehicles listed in this section.

## DK - DROP KERB Tactile Paving

Area indicated as X2 represents the following (Subject to structural engineering details:

450x450x38mm marshals paving slabs laid at all drop kerbs to be of a type incorporating tactile blister paving laid to fail to suit drop kerbs on 50mm sand bedding inturn laid on 250mm Dot type 1-compacted road base laid in 2 equal layers.
Tensar SS30 Geogrid laid on 100mm crushed concrete laid on 1st layer of SS30 Geogrid all laid on existing formation compacted with vibration roller
On completion Joint filling sand to be brushed into joints and Marshals Keybond sand stabiliser applied and swept clean on completion

Soft landscaping area indicated for indicative purposes. For detailed soft landscaping scheme please refer to documentation provided by 'DEP Landscape Architecture Ltd' - Planting plan 5364-01.

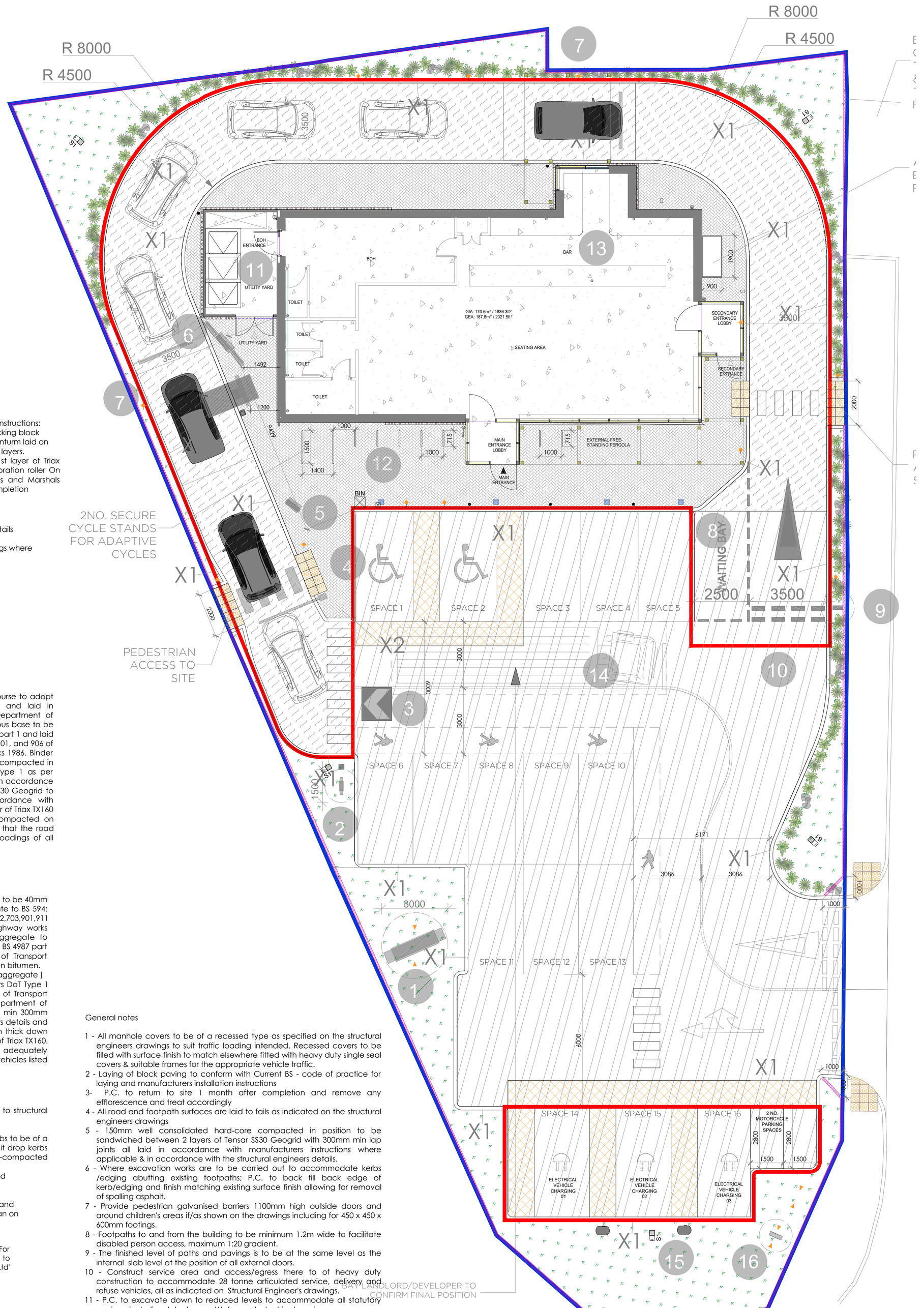
## KERBS KEY

**X1** Symbol indicates 100 x 255 half batter Marshals precast concrete kerb ref HB2 located in position on 275 x 150mm concrete base and 225 x 150mm concrete haunching all as structural engineers detail

**X2** Symbol indicates 100 x 255/178 half batter Marshals precast concrete drop kerb (left and right handed) and or radius drop kerbs with 125 x 178mm centre stone located in position on 275 x 150mm concrete base and 225 x 150mm concrete haunching all as structural engineers detail

**X3** Symbol indicates 50 x 200mm Marshals precast concrete flat top edging ref Ef located in position on 200 x 100mm concrete base and 200 x 150mm concrete haunching on both sides all as structural engineers detail

All information contained on this drawing to be confirmed by structural engineer




General notes

1 - All manhole covers to be of a recessed type as specified on the structural engineers drawings to suit traffic loading intended. Recessed covers to be filled with surface finish to match elsewhere fitted with heavy duty single seal covers & suitable frames for the appropriate vehicle traffic.
2 - Laying of block paving to conform with Current BS - code of practice for laying and manufacturers installation instructions
3- P.C. to return to site 1 month after completion and remove any efflorescence and treat accordingly
4 - All road and footpath surfaces are laid to fails as indicated on the structural engineers drawings
5 - 150mm well consolidated hard-core compacted in position to be sandwiched between 2 layers of Tensar SS30 Geogrid with 300mm min lap joints all laid in accordance with manufacturers instructions where applicable & in accordance with the structural engineers details.
6 - Where excavation works are to be carried out to accommodate kerbs /edging abutting existing footpaths; P.C. to back fill back edge of kerb/edging and finish matching existing surface finish allowing for removal of spalling asphalt.
7 - Provide pedestrian galvanised barriers 1100mm high outside doors and around children's areas if/as shown on the drawings including for 450 x 450 x 600mm footings.
8 - Footpaths to and from the building to be minimum 1.2m wide to facilitate disabled person access, maximum 1:20 gradient.
9 - The finished level of paths and pavings is to be at the same level as the internal slab level at the position of all external doors.
10 - Construct service area and access/egress there to of heavy duty construction to accommodate 28 tonne articulated service, delivery and refuse vehicles, all as indicated on Structural Engineer's drawings.
11 - P.C. to excavate down to reduced levels to accommodate all statutory services including telephones, Water and electrical services as necessary and backfill on completion with as dug material finished with surface material as spec elsewhere.
12 - All dims indicated are to be checked on site prior to works commencing and confirmed back to the architect
NOTE: all dims are taken from the inside face of the kerb/ edging line unless indicated otherwise
13 - All works to be excavated down to reduced levels to accommodate all surface treatments as contained on this drawing and structural engineers
14- 2 No. vehicle detection loops to be provided by the clients direct supplier to be cast into drive thru lane at the speaker box position, and the window. the inside kerb edging to the drive thru lane at both drive thru window positions will be 300mm from the face of the wall. minimum internal radii to drive thru lane to be 4.5m & minimum external radii to be 7.6m. Refer to diagram elsewhere.
17- P.C. to allow for all electrical service entries feeding proposed signage and barriers all as detailed on the relevant architectural drawings.

# Proposed Site Landscaping plan

scale: 1/100@A1

SCALE 1:100
0m 1 2 5 10

| REV. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| C | 05-12-24 | Amended as per transport comments | SP |
| B | 29-08-24 | Amended as per transport comments | RV |
| A | 28-05-24 | Access Widened | RV |

**PURPOSE OF ISSUE** STAGE 03
**STATUS** S4

**NOTES**
1. ALL DIMENSIONS IN MILLIMETRES (mm) AND LEVELS IN METRES (m) ABOVE NATIONAL DATUM. ALL DIMENSIONS TO BE CHECKED ON SITE AND AGREED ON SITE WITH APPOINTED BUILDING CONTRACTOR/SHOPFITTER.
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**CLIENT** Linden Group
**PROJECT** STARBUCKS
205 manchester Road
Stockport

**DRAWING TITLE** Proposed Site Landscaping Plan
**SCALE @ A1** 1:100@ A1/ 1:200@A3
**DRAWN** SP
**CHECKED** NS
**DRAWING No** 23.-0185 A-PL-DR-00-01-PL05
**REV** C