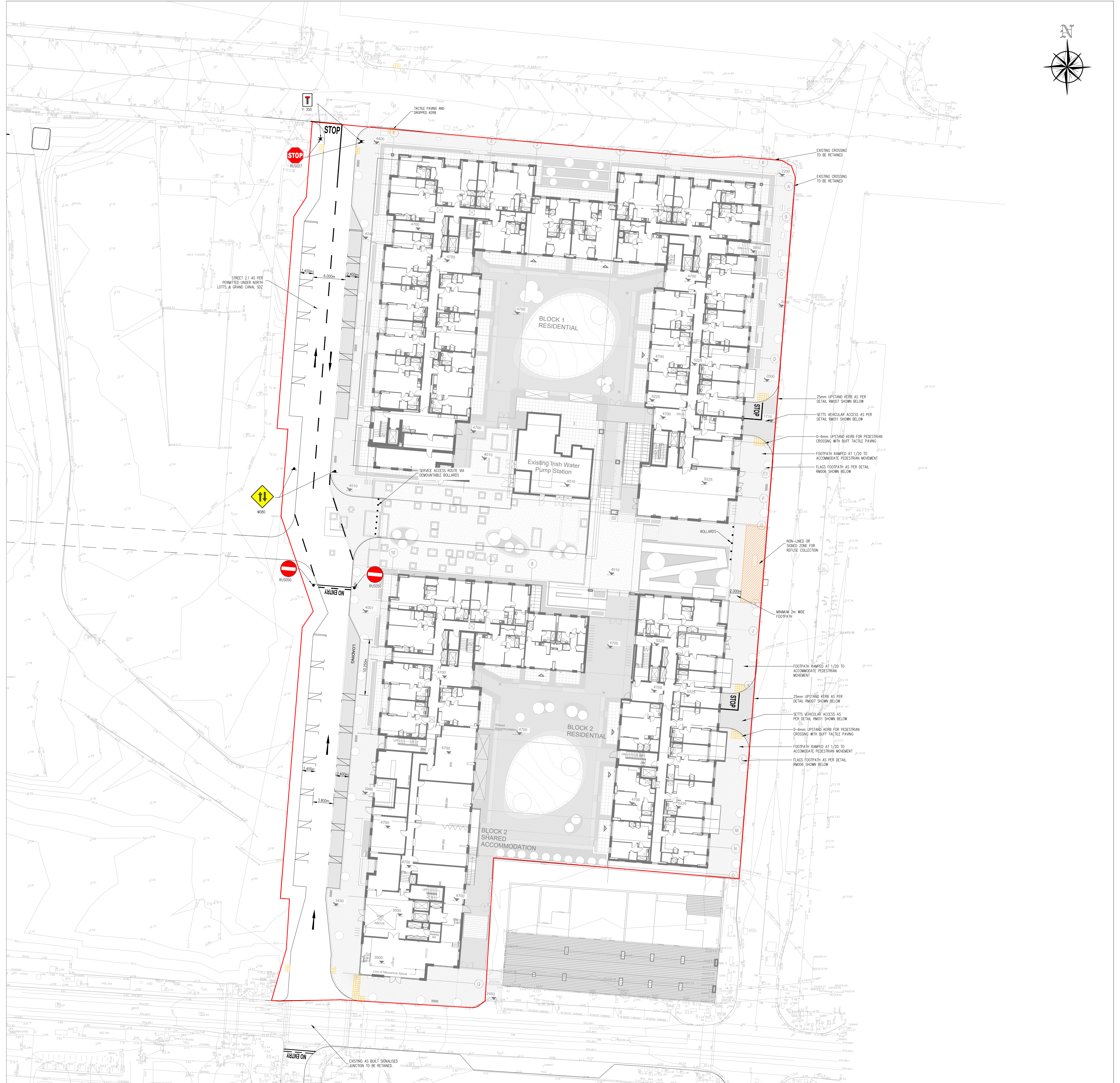


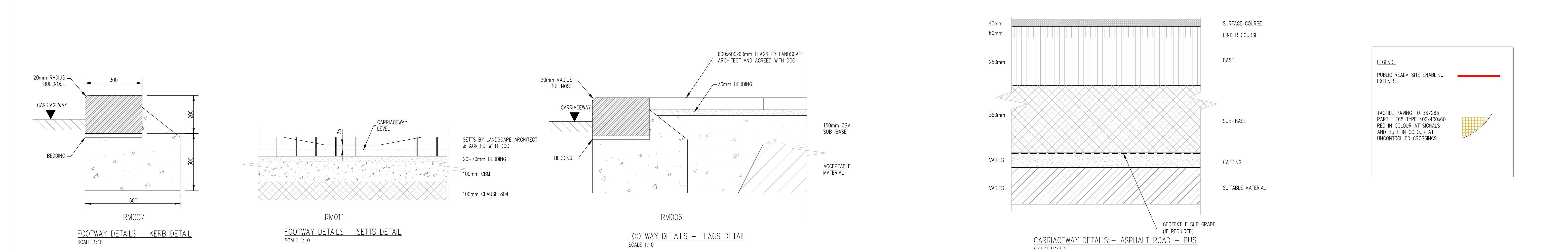


WORK ELEMENTS – KERB TO LANDSCAPE ARCHITECT DETAIL
USE – PEDESTRIAN AND VEHICULAR ACCESS
DESCRIPTION – SILVER DRY OR BEECE GRANITE
DIMENSIONS – TO LANDSCAPE ARCHITECT DETAIL
LAYING – N/A
BEDDING – SAND/CEMENT 3:1
SUB-BASE – 300mm C30 CONCRETE
OTHER LAYERS – N/A
JOINTS – 6mm WIDE
STANDARDS – NATURAL STONE KERBS SHALL COMPLY WITH REQUIREMENTS OF EN 1343:2012. KERBS OF NATURAL STONE FOR EXTERNAL PAVING:
• FLEXURAL STRENGTH NOT LESS THAN 8.6N/mm²
• SHD/SLIP RESISTANCE US91 NOT LESS THAN 45
• POLISHED STONE VALUE NOT LESS THAN 50
• WATER ABSORPTION NOT MORE THAN 0.3% BULK DENSITY
EN581 – BUSH HAMMERED OR FLAME FINISHED
MISCELLANEOUS – GRANITE SAMPLE ARE TO BE PROVIDED BEFORE COMMENCEMENT OF ALL WORK TO ROAD MAINTENANCE. NAME AND ADDRESS OF PROVIDER OR SUPPLIER SHALL BE INDICATED ON THE SAMPLE AS WELL AS IDENTIFICATION OF THE MATERIAL, INDICATING TRADE NAME, PHOTOGRAPHIC DESCRIPTION, COUNTRY OF ORIGIN AND EXTRACTION AREA. THE PLAN/DIAGONAL THICKNESS DIMENSIONS SHALL COMPLY WITH REQUIREMENTS FOR CLASS 2 IN TABLE 1.2 & 5 OF EN 1343:2012.
NOTE – NOTE IN CERTAIN LOCATIONS DUBLIN CITY COUNCIL REQUIRE HIGH STRENGTH MORTAR BEDDING ETC. PLEASE REFER TO SECTION 5 OF THE CONSTRUCTION STANDARDS FOR ROADS AND STREET WORKS BY DCC.

WORK ELEMENTS – SETTS TO LANDSCAPE ARCHITECT DETAIL
USE – RESIDENTIAL VEHICULAR ENTRANCES
DESCRIPTION – SILVER DRY GRANITE OR BEECE
DIMENSIONS – TO LANDSCAPE ARCHITECT DETAIL
LAYING – N/A
BEDDING – SAND/CEMENT 3:1 (10mm THICK)
SUB-BASE – SEM-DRY CONCRETE 150mm CEMENT BOUND MATERIAL (CBM) CATEGORY 3 TO SPECIFICATION FOR ROADWORKS (SRW) TO CLAUSE 908. THE RATIO BY MASS OF CEMENT TO AGGREGATE SHALL BE SUFFICIENT TO PRODUCE A 7 DAY STRENGTH OF 10N/mm².
OTHER LAYERS – ACCEPTABLE MATERIAL THAT MEETS THE REQUIREMENTS OF TABLE 6/1 IN VOLUME 1 OF THE SRW
JOINTS – 6mm WIDE BROWING WITH 3:1 SAND CEMENT WET SLURRY MIX AND FINISHED SLIGHTLY ROUNDED. THE SAND SHALL COMPLY WITH GRADE F IN TABLE 5 OF SSI.
STANDARDS – NATURAL STONE KERBS SHALL COMPLY WITH REQUIREMENTS OF EN 1343:2012
KERBS OF MATERIAL STONE FOR EXTERNAL PAVING:
• FLEXURAL STRENGTH NOT LESS THAN 8.6N/mm²
• SHD/SLIP RESISTANCE US91 NOT LESS THAN 45
• POLISHED STONE VALUE NOT LESS THAN 50
• WATER ABSORPTION NOT MORE THAN 0.3% BULK DENSITY
EN581 – BUSH HAMMERED OR FLAME FINISHED
MISCELLANEOUS – GRANITE SAMPLE ARE TO BE PROVIDED BEFORE COMMENCEMENT OF ALL WORK TO ROAD MAINTENANCE. NAME AND ADDRESS OF PROVIDER OR SUPPLIER SHALL BE INDICATED ON THE SAMPLE AS WELL AS IDENTIFICATION OF THE MATERIAL, INDICATING TRADE NAME, PHOTOGRAPHIC DESCRIPTION, COUNTRY OF ORIGIN AND EXTRACTION AREA. THE PLAN/DIAGONAL THICKNESS DIMENSIONS SHALL COMPLY WITH REQUIREMENTS FOR CLASS 2 IN TABLE 1.2 & 5 OF EN 1343:2012.
NOTE – NOTE IN CERTAIN LOCATIONS DUBLIN CITY COUNCIL REQUIRE HIGH STRENGTH MORTAR BEDDING ETC. PLEASE REFER TO SECTION 5 OF THE CONSTRUCTION STANDARDS FOR ROADS AND STREET WORKS BY DCC.

WORK ELEMENTS – FLAGS TO LANDSCAPE ARCHITECT DETAIL
USE – PEDESTRIAN USE ONLY
DESCRIPTION – SILVER DRY OR BEECE GRANITE
DIMENSIONS – TO LANDSCAPE ARCHITECT DETAIL
LAYING – N/A
BEDDING – SAND/CEMENT 3:1 (10mm THICK)
SUB-BASE – SEM-DRY CONCRETE 150mm CEMENT BOUND MATERIAL (CBM) CATEGORY 3 TO SPECIFICATION FOR ROADWORKS (SRW) TO CLAUSE 908. THE RATIO BY MASS OF CEMENT TO AGGREGATE SHALL BE SUFFICIENT TO PRODUCE A 7 DAY STRENGTH OF 10N/mm².
OTHER LAYERS – ACCEPTABLE MATERIAL THAT MEETS THE REQUIREMENTS OF TABLE 6/1 IN VOLUME 1 OF THE SRW
JOINTS – 6mm WIDE BROWING WITH 3:1 SAND CEMENT WET SLURRY MIX AND FINISHED SLIGHTLY ROUNDED. THE SAND SHALL COMPLY WITH GRADE F IN TABLE 5 OF SSI.
STANDARDS – NATURAL STONE KERBS SHALL COMPLY WITH REQUIREMENTS OF EN 1343:2012
KERBS OF MATERIAL STONE FOR EXTERNAL PAVING:
• FLEXURAL STRENGTH NOT LESS THAN 8.6N/mm²
• SHD/SLIP RESISTANCE US91 NOT LESS THAN 45
• POLISHED STONE VALUE NOT LESS THAN 50
• WATER ABSORPTION NOT MORE THAN 0.3% BULK DENSITY
EN581 – BUSH HAMMERED OR FLAME FINISHED
MISCELLANEOUS – GRANITE SAMPLE ARE TO BE PROVIDED BEFORE COMMENCEMENT OF ALL WORK TO ROAD MAINTENANCE. NAME AND ADDRESS OF PROVIDER OR SUPPLIER SHALL BE INDICATED ON THE SAMPLE AS WELL AS IDENTIFICATION OF THE MATERIAL, INDICATING TRADE NAME, PHOTOGRAPHIC DESCRIPTION, COUNTRY OF ORIGIN AND EXTRACTION AREA. THE PLAN/DIAGONAL THICKNESS DIMENSIONS SHALL COMPLY WITH REQUIREMENTS FOR CLASS 2 IN TABLE 1.2 & 5 OF EN 1343:2012.
NOTE – NOTE IN CERTAIN LOCATIONS DUBLIN CITY COUNCIL REQUIRE HIGH STRENGTH MORTAR BEDDING ETC. PLEASE REFER TO SECTION 5 OF THE CONSTRUCTION STANDARDS FOR ROADS AND STREET WORKS BY DCC.

WORK ELEMENTS – ASPHALT ROAD
USE – BUS CORRIDOR
DESCRIPTION – AS PER TYPICAL DETAILS
DIMENSIONS – TO SHT LOCATION
LAYING – IN ACCORDANCE WITH NRA SPECIFICATION FOR ROADWORKS 'SRW'
BUILDING – N/A
SUB-BASE – TYPE B MATERIAL, IN ACCORDANCE WITH CLAUSE 808 AND COMPACTED IN COMPLIANCE WITH CLAUSE 802 SRW
CIRCLING LAYERS – CARPING LAYER THICKNESS DEPENDS ON CBR JOINTS – IN ACCORDANCE WITH NRA SPECIFICATION STANDARDS
(A) SURFACE COURSE
THE SURFACE COURSE EMPLOYED MAY BE ON EACH OF THE FOLLOWING:
1. HOT ROLLED ASPHALT SURFACE COURSE: SHALL COMPLY WITH THE REQUIREMENT OF CLAUSE 911, 910 AND 943 SRW. IT SHALL BE Laid AND COMPACTED TO CLAUSE 903 SRW.
2. POLYMER MODIFIED STONE MASTIC ASPHALT COURSE: SHALL COMPLY WITH THE REQUIREMENTS OF 942, 910, 911 SRW. IT SHALL BE Laid AND COMPACTED TO CLAUSE 903 SRW.
(B) BINDER COURSE
BINDER COURSE SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 929, 930, 937 AND 943 SRW. IT SHALL BE Laid AND COMPACTED TO CLAUSE 903 SRW.
(C) BASE COURSE
BASE COURSE SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 906, 907, 929 AND 930 SRW. IT SHALL BE Laid AND COMPACTED TO CLAUSE 903 SRW.
(D) SUB-BASE
SUB-BASE MATERIAL SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 808 AND COMPACTED IN COMPLIANCE WITH CLAUSE 802 SRW.
(E) CARPING LAYER
IF THE CBR IS LESS THAN 5% THEN A CARPING LAYER IS REQUIRED. REFER TO TABLE 2.1 FOR DETAILS.
CARPING MATERIAL SHOULD COMPOSE OF CLASS 6/2 MATERIAL, IN ACCORDANCE WITH CLAUSE 613 AND COMPACTED IN COMPLIANCE WITH CLAUSE 612 SRW.
EN581 – N/A
MISCELLANEOUS – THE THICKNESS OF THE MATERIAL DESCRIBED SHALL MEET THE FINISHED OR COMPACTED THICKNESS. THE DIMENSIONS ON THE TYPICAL DETAIL REPRESENTS THE MINIMUM REQUIREMENTS. THE DESIGNER IS STILL RESPONSIBLE FOR PROVIDING APPROPRIATE SETTING FOR PROPOSED TRAFFIC REQUIREMENTS, GROUND CONDITIONS AND ANY ADDITIONAL DESIGN REQUIREMENTS THAT MAY EXIST I.E. (GREATER DEPTHS OF CONSTRUCTION MATERIAL MAY BE REQUIRED). CARPING IF REQUIRED SHOULD COMPOSE OF 6/1 OR 6/2 MATERIAL, IN ACCORDANCE WITH CLAUSE 613 AND COMPACTED IN COMPLIANCE WITH CLAUSE 612.



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NOTES

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Rev No.	Date	REVISION NOTE	On By / Chk By
A	26.10.2018	REGULARISATION/PLANNING APPLICATION	DO DB
B	11.02.2019	REVISED FOR PLANNING FOR ADDITIONAL FLOORS	DO DB
C	18.03.2019	DRAWING ISSUED FOR SHD APPLICATION	DO DB
D	08.08.2019	REVISED FOR SHD APPLICATION, DRAWING NAME CHANGED	DO GF

Architect	Project	Title
Henry J Lyons	Spencer Place Residential Block 2	Proposed Road Layout Surface Level

On By	Chk By	App'd By	Rev No.	Revision
AAK	DB	BCW	1291 @ A1	D
Date	Scale			
MAR 2018	1:250 @ A1			

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