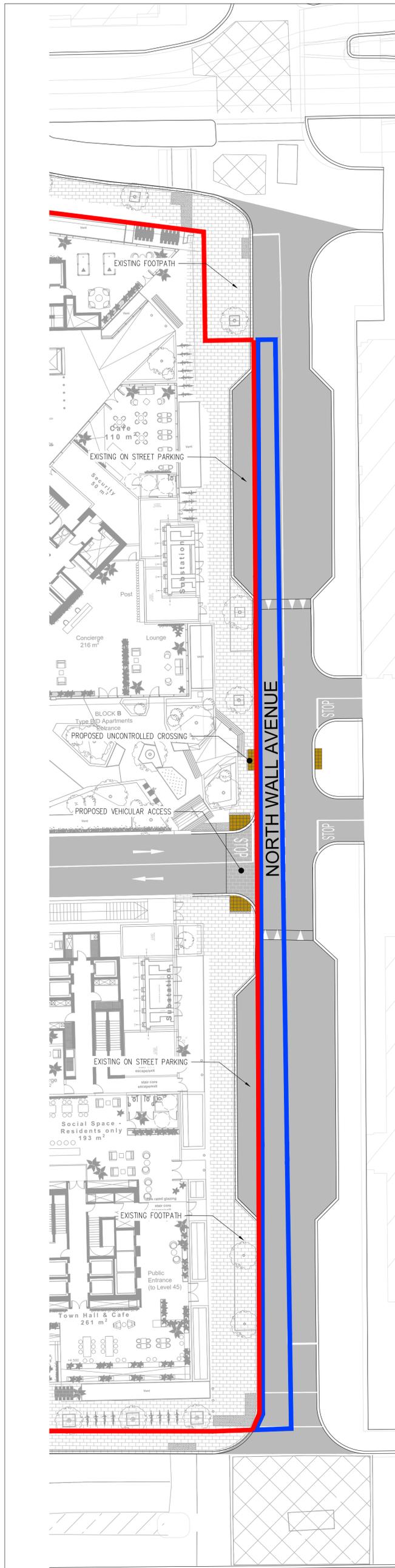
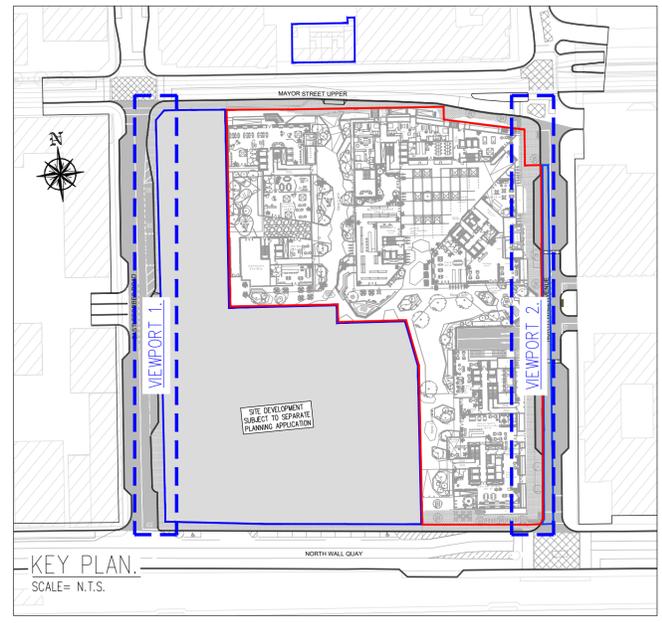


VIEWPORT 1.  
SCALE= 1:250.

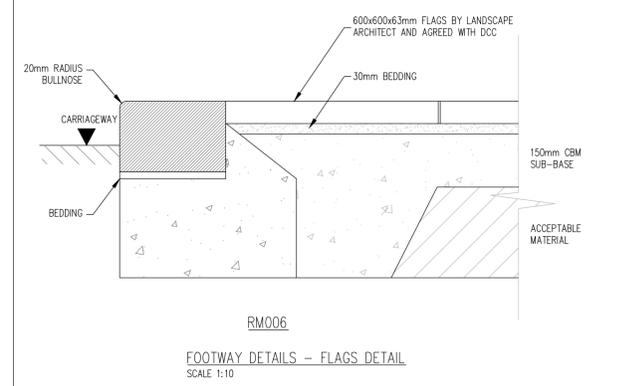


VIEWPORT 2.  
SCALE= 1:250.



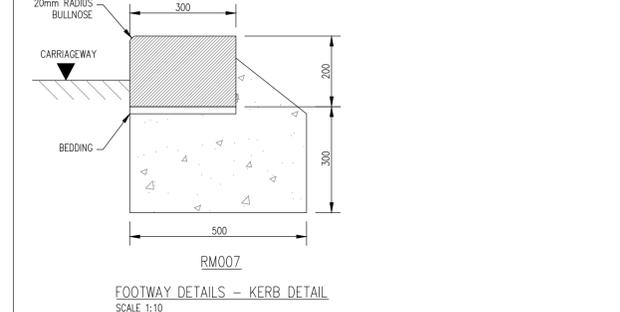
KEY PLAN.  
SCALE= N.T.S.

**WORK ELEMENT:** - FLAGS TO LANDSCAPE ARCHITECT DETAIL  
**USE:** - PEDESTRIAN USE ONLY  
**DESCRIPTION:** - SILVER, GREY OR BEIGE GRANITE  
**DIMENSIONS:** - TO LANDSCAPE ARCHITECT DETAIL  
**LAYING:** - N/A  
**BEDDING:** - SAND/CEMENT 3:1 (30mm THICK)  
**SUB-BASE:** - SEMI-DRY CONCRETE 150mm CEMENT BOUND MATERIAL (CBM) CATEGORY 3 TII 'SPECIFICATION FOR ROADWORKS' (SRW) TO CLAUSE 1038 (THE RATIO BY MASS OF CEMENT TO AGGREGATE SHALL BE SUFFICIENT TO PRODUCE A 7 DAY STRENGTH OF 10N/mm<sup>2</sup>)  
**OTHER LAYERS:** - ACCEPTABLE MATERIAL THAT MEETS THE REQUIREMENTS OF TABLE 6/1 IN VOLUME 1 OF THE SRW  
**JOINTS:** - 6mm WIDE GROUT WITH 3:1 SAND CEMENT WET SLURRY MIX AND FINISHED SLIGHTLY ROUNDED. THE SAND SHALL COMPLY WITH GRADE F IN TABLE 5 OF IS555.  
**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/mm<sup>2</sup>  
 • SKID/SLIP RESISTANCE USRU NOT LESS THAN 45  
 • POLISHED STONE VALUE NOT LESS THAN 50  
 • WATER ABSORPTION NOT MORE THAN 0.3% BULK DENSITY  
**FINISH:** - 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 TABLES 1.2 & 5 EN1341:200.  
**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.



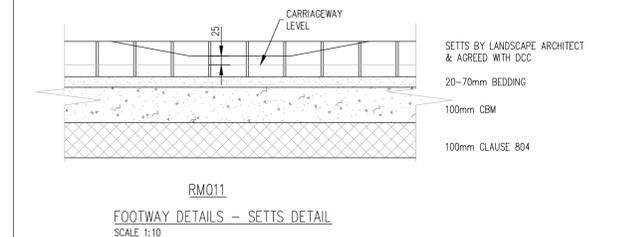
RM006  
FOOTWAY DETAILS - FLAGS DETAIL  
SCALE 1:10

**WORK ELEMENT:** - KERB TO LANDSCAPE ARCHITECT DETAIL  
**USE:** - PEDESTRIAN AND VEHICULAR ACCESS  
**DESCRIPTION:** - SILVER, GREY OR BEIGE 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/mm<sup>2</sup>  
 • SKID/SLIP RESISTANCE USRU NOT LESS THAN 45  
 • POLISHED STONE VALUE NOT LESS THAN 50  
 • WATER ABSORPTION NOT MORE THAN 0.3% BULK DENSITY  
**FINISH:** - 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 TABLES 1.2 & 5 EN1341:200.  
**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.



RM007  
FOOTWAY DETAILS - KERB DETAIL  
SCALE 1:10

**WORK ELEMENT:** - SETTS TO LANDSCAPE ARCHITECT DETAIL  
**USE:** - RESIDENTIAL VEHICULAR ENTRANCES  
**DESCRIPTION:** - SILVER, GREY GRANITE OR BEIGE ONLY  
**DIMENSIONS:** - TO LANDSCAPE ARCHITECT DETAIL  
**LAYING:** - AS PER MANUFACTURERS INSTRUCTIONS  
**BEDDING:** - STENITEC OR EQUIVALENT BEDDING MORTAR: BM04-25 (TUFFED RAPID) 20-70mm DEEP  
**SUB-BASE:** - 100mm CBM CATEGORY 3 TO CLAUSE 1038 TII 'SPECIFICATION FOR ROADWORKS' (SRW)  
**OTHER LAYERS:** - 100mm CL808 SRW  
**JOINTS:** - STENITEC OR EQUIVALENT JOINTING MORTAR OR EQUIVALENT HD02 TUFFROG RAPID.  
**STANDARDS:** - NATURAL STONE KERBS SHALL COMPLY WITH REQUIREMENTS OF EN 1343:2000 'KERBS OF NATURAL STONE FOR EXTERNAL PAVING'  
 • FLEXURAL STRENGTH NOT LESS THAN 8.6N/mm<sup>2</sup>  
 • SKID/SLIP RESISTANCE USRU NOT LESS THAN 45  
 • POLISHED STONE VALUE NOT LESS THAN 50  
 • WATER ABSORPTION NOT MORE THAN 0.3% BULK DENSITY  
**FINISH:** - BUSH HAMMERED. SIDES AND BOTTOM TO BE SAWN OUT AND SAND BLASTED.  
**MISCELLANEOUS:** - THE USE OF SPECIALIST MATERIAL SUCH AS STENITEC OR EQUIVALENT WILL REQUIRE A COMPETENT AND EXPERIENCED CONTRACTOR.  
**NOTE:** IN CERTAIN LOCATIONS DUBLIN CITY COUNCIL REQUIRE HIGH STRENGTH MORTAR BEDDING ETC. PLEASE REFER TO SECTION 5.



RM011  
FOOTWAY DETAILS - SETTS DETAIL  
SCALE 1:10

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**NOTES**

- For setting out refer to Architect's drawings.
- This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
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Rev. No.	Date	REVISION NOTE	Drn. By	Chkd. By
A	21.05.2020	Response to ABP comments An Bord Pleanála	JS	NB
B	18/09/2020	Site Layout Revised	JS	NB
C	16/11/2020	Site Layout and Site Boundary Revised	JS	MD
D	08/01/2021	Revised for SHD Application.	JS	MD
E	15/01/2021	Site Boundary Revised	JS	MD

Architect	Henry J Lyons Architects		
Project	Waterfront South Central SHD		
Title	VEHICULAR ACCESS		
Drn by	Chkd by	Appr by	Dwg. No.
JS	NB	NB	R064-209
Date	Scale	Revision	
NOV 2019	AS SHOWN @ A1	E	

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 IS. EN ISO 50001:2011  
 OHSAS 18001:2007