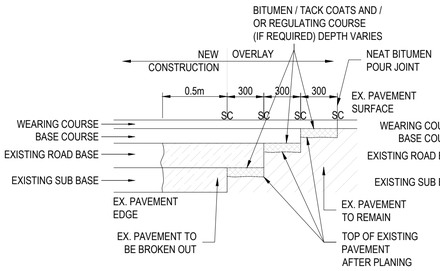
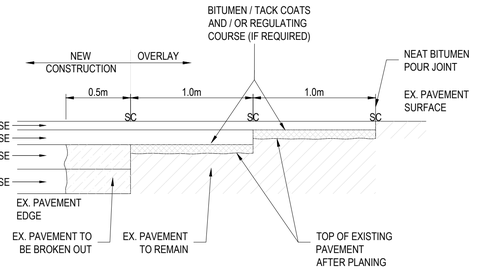
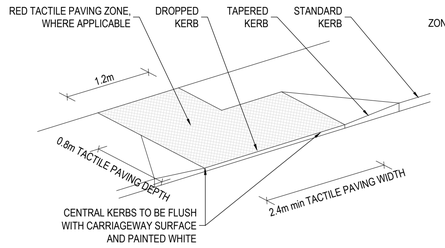


LONGITUDINAL SAWCUT DETAIL
SCALE : 1:25
(SC = SAW CUT LINES, CUT WITH ROTARY SAW.)

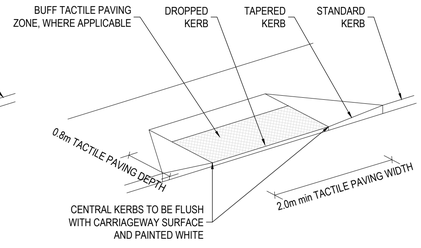


TRANSVERSE SAWCUT DETAIL
SCALE : 1:25
(SC = SAW CUT LINES, CUT WITH ROTARY SAW.)

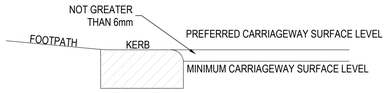
[SUFFICIENT WORKING ROAD MUST BE MADE AVAILABLE TO ENSURE SAWCUT CAN BE CORRECTLY CONSTRUCTED]



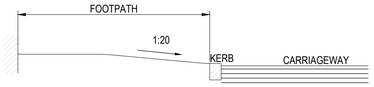
CONTROLLED DISHED CROSSING WITH TACTILE PAVING
SCALE 1:50



UNCONTROLLED DISHED CROSSING WITH TACTILE PAVING
SCALE 1:50

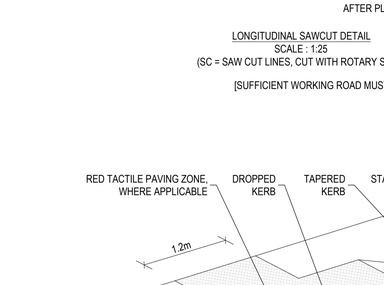


DISHED CROSSING WITH TACTILE PAVING
SCALE NTS

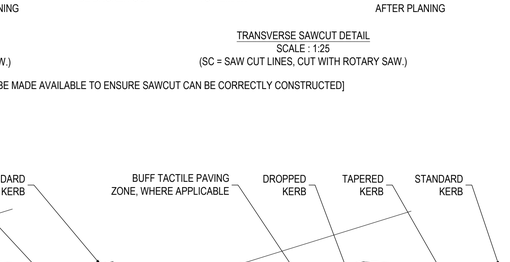


VARIABLE WIDTH. SHOULD NOT BE LESS THAN THAT REQUIRED TO ACHIEVE A GRADIENT OF 1:12 MAXIMUM

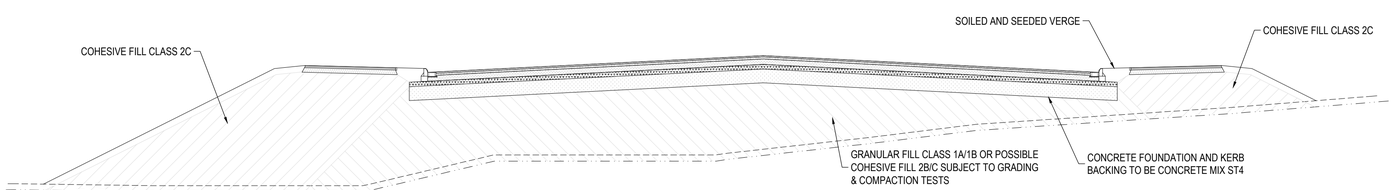
ISLAND SECTION
SCALE : NTS



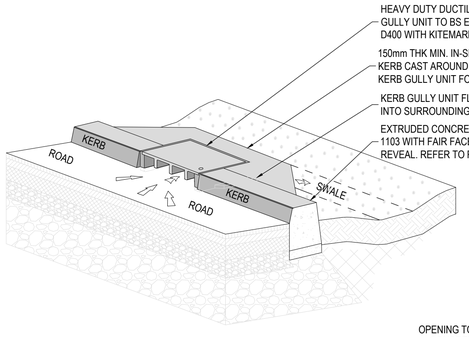
POST POCKET DETAIL
SCALE : 1:50



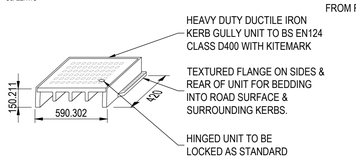
PIN KERB EDGING
SCALE 1:10



TYPICAL EMBANKMENT DETAIL
SCALE N.T.S.

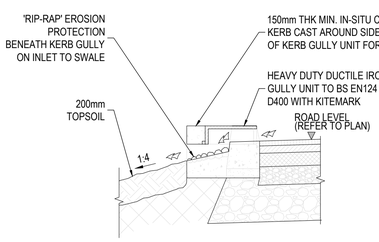


LATERAL INLET KERB GULLY SCHEMATIC
[FOR ROAD DRAINAGE]
SCALE: NTS

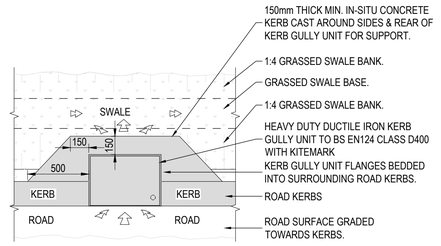


[DENOTED BY 'KG' ON PLAN]

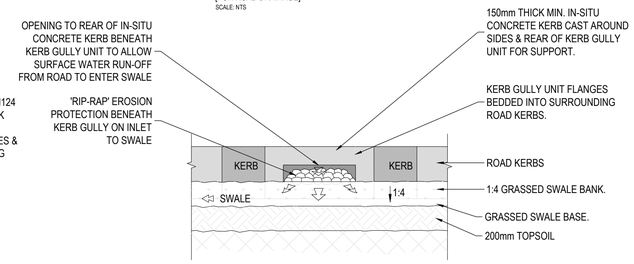
LATERAL INLET KERB GULLY DETAIL
[LOCATED ALONG KERBLINES TO ALLOW ROAD SURFACE WATER RUN-OFF INTO SWALES]
SCALE: NTS



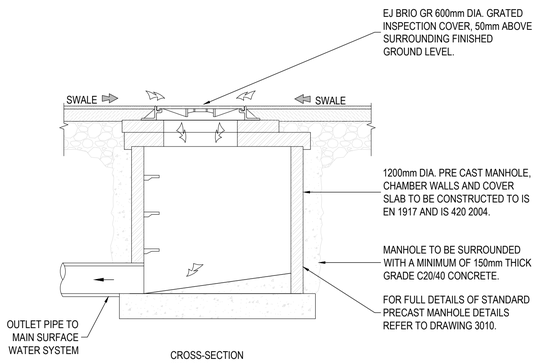
LATERAL INLET KERB GULLY TO SWALE CROSS-SECTION
[FOR ROAD DRAINAGE]
SCALE: NTS



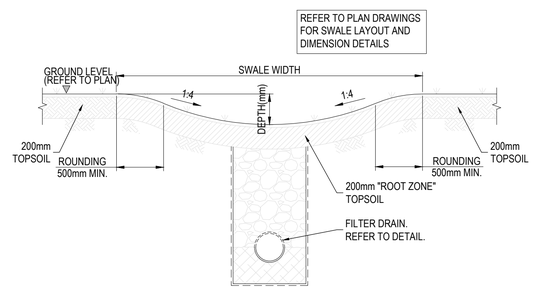
LATERAL INLET KERB GULLY PLAN
[FOR ROAD DRAINAGE]
SCALE: NTS



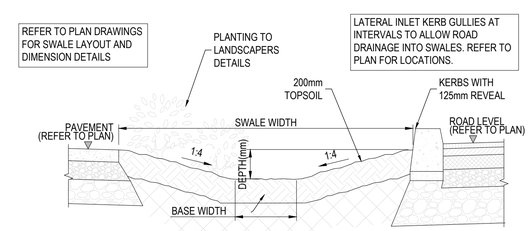
LATERAL INLET KERB GULLY - REAR ELEVATION
[FOR ROAD DRAINAGE]
SCALE: NTS



CROSS-SECTION
SCALE: N.T.S.



DRY SWALE DETAIL
SCALE: NTS



'WET' SWALE CROSS-SECTION
[FOR ROAD DRAINAGE]
SCALE: NTS

FOR PLANNING

REV	DESCRIPTION	BY	DATE
P01	FOR COSTING	MM	06.03.26
P02	PART 8 PLANNING	ED	19.06.26

NOTES :
1. C20/25 CONCRETE TO HAVE A MINIMUM CEMENT CONTENT OF 260Kg/m^3, MAXIMUM WATER/CEMENT RATIO OF 0.65 AND SLUMP CLASS S2.
2. C25/30 CONCRETE TO HAVE A MINIMUM CEMENT CONTENT OF 280Kg/m^3, MAXIMUM WATER/CEMENT RATIO OF 0.65 AND SLUMP CLASS S2.
3. C40/50 CONCRETE TO HAVE A MINIMUM CEMENT CONTENT OF 400Kg/m^3, MAXIMUM WATER/CEMENT RATIO OF 0.45 AND SLUMP CLASS S3.
4. WHERE CLASS 6F1/6F2 CAPPING MATERIAL IS PROPOSED WITHIN 500mm OF CONCRETE OR STEEL, CLASS 6N TO BE USED INSTEAD.
5. WHERE FOOTPATHS ARE LOCATED ADJACENT TO ROADS, C40/50 CONCRETE TO BE USED. ALTERNATIVELY, FOOTPATHS LOCATED BEHIND VERGES C25/30 CONCRETE MAY BE USED.

NOTE:
ALL WORKS & SPECIFICATIONS TO BE UNDERTAKEN IN ACCORDANCE WITH
- TII SPECIFICATION FOR ROADWORKS
- GREATER DUBLIN CODE OF PRACTICE FOR DRAINAGE WORKS
- RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS

NOTE :
1. FOR AREAS WHERE CBR VALUES ARE BELOW 2%, CARRY OUT THE FOLLOWING:
- THE SOFT AREA IS TO BE EXCAVATED OUT FULLY AND REPLACED WITH A GENERAL FILL MATERIAL (CLASS 1A/1B) TO N.R.A. SPECIFICATION TO THE UNDERSIDE OF AN 'ENKAGRID' LAYER (ENKAGRID TRC 40 OR SIMILAR 40kN/m). SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUBGRADE AND CAPPING.
OR
- SOIL TO BE STABILISED IN-SITU WITH LIME/CEMENT TO SPECIALIST CONTRACTOR SPECIFICATION TO FORMATION LEVEL, MINIMUM CBR 5%.
- AN ENGINEER SHOULD INSPECT THE SOFT AREA WHEN IT HAS BEEN FULLY EXCAVATED OUT PRIOR TO THE FILL / STABILIZED MATERIAL BEEN PLACED/WORKED.

2. FOR AREAS WHERE CBR VALUES ARE BETWEEN 2% AND 5%, CARRY OUT THE FOLLOWING:
- THE SOIL IS TO BE EXCAVATED OUT FULLY AND REPLACED WITH A CAPPING MATERIAL TYPE 6F1/6F2 TO N.R.A. SPECIFICATION. DEPTHS OF CAPPING MATERIAL AS PER TABLE 1 BELOW. SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUBGRADE AND CAPPING.
OR
- SOIL TO BE STABILISED IN-SITU WITH LIME/CEMENT TO SPECIALIST CONTRACTOR SPECIFICATION TO FORMATION LEVEL, MINIMUM CBR 5%, DEPTHS OF MATERIAL TO BE STABILISED AS PER TABLE 1 BELOW.

TABLE 1		
CAPPING/STABILISATION DEPTHS		
CBR	ROADS	CARPARK
2%	400	300
3%	300	200
4%	250	150

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The Greenway, Block C, Ardilaun Court, St. Stephens Green, Dublin 2
Telephone: +353 (0)1 525 2515
www.meinhardt.ie info@meinhardt.ie

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TITLE
CIVIL STANDARD DETAILS
SHEET 4

DISCIPLINE			SCALE
CIVIL			NTS
DRAWN	DESIGNED	CHECKED	APPROVED
MM	AM	AL	AL
DRAWING No			ISSUE
26019-MHT-XX-ZZ-DR-C-0703			P02

27/05/2026