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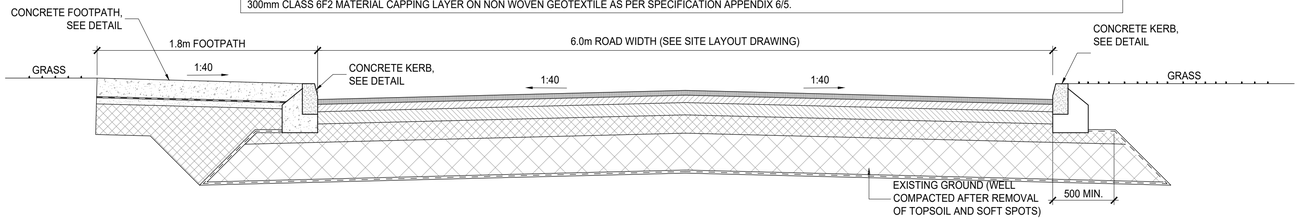
A1

ROAD CONSTRUCTION

40mm SMA (STONE MASTIC ASPHALT) 14 SURF PMB 65/105-60 DES TO CLAUSE 5.1.3 (TII PUBLICATIONS, PUBLICATION NUMBER CC-SPW-00900, SEPTEMBER 2017) SURFACE COURSE ON
BITUMINOUS SPRAY BOND COAT TO CLAUSE 10.1.4 (TII PUBLICATIONS, PUBLICATION NUMBER CC-SPW-00900, SEPTEMBER 2017) ON
60mm AC (ASPHALT CONCRETE) AC 20 DENSE BIN 40/60 DES TO CLAUSE 3.1.4 (TII PUBLICATIONS, PUBLICATION NUMBER CC-SPW-00900, SEPTEMBER 2017) BINDER COURSE ON
BITUMINOUS SPRAY BOND COAT TO CLAUSE 10.1.4 (TII PUBLICATIONS, PUBLICATION NUMBER CC-SPW-00900, SEPTEMBER 2017) ON
100mm AC (ASPHALT CONCRETE) AC 32 DENSE BASE 40/60 DES TO CLAUSE 3.1.1 (TII PUBLICATIONS, PUBLICATION NUMBER CC-SPW-00900, SEPTEMBER 2017) BASE COURSE ON
150mm TYPE B MATERIAL TO CLAUSE 804 & CLAUSE 808 (TII PUBLICATIONS, PUBLICATION NUMBER CC-SPW-00800, MARCH 2013) UNBOUND SUB-BASE ON
300mm CLASS 6F2 MATERIAL CAPPING LAYER ON NON WOVEN GEOTEXTILE AS PER SPECIFICATION APPENDIX 6/5.

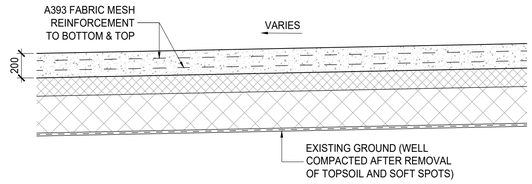


TYPICAL SECTION THROUGH ACCESS ROAD

SCALE: 1:25 @ A1 & 1:50 @ A3

DRILL YARD CONSTRUCTION

200mm C32/40 AIR ENTRAINED INSITU REINFORCED CONCRETE SLAB TO CL. 1001 (TII PUBLICATIONS, PUBLICATION
NUMBER CC-SPW-01000, MARCH 2013) & IS EN 206 (XF4 EXPOSURE CLASS TO IS EN 206) REINFORCED WITH A393
FABRIC MESH REINFORCEMENT TO TOP & BOTTOM (WITH 50mm MIN. COVER) ON
150mm TYPE B MATERIAL TO CLAUSE 804 & CLAUSE 808 (TII PUBLICATIONS, PUBLICATION NUMBER CC-SPW-00800,
MARCH 2013) UNBOUND SUB-BASE ON
300mm CLASS 6F2 MATERIAL CAPPING LAYER ON NON WOVEN GEOTEXTILE AS PER SPECIFICATION APPENDIX 6/5.

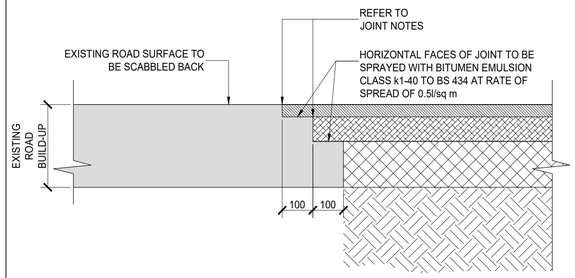


TYPICAL SECTION THROUGH DRILL YARD

SCALE: 1:25 @ A1 & 1:50 @ A3

GENERAL NOTES:-

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS & ENGINEERS DRAWINGS & SPECIFICATIONS.
2. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS & ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ALL DISCREPANCIES TO BE NOTIFIED, IN WRITING TO ENGINEERS & ARCHITECTS FOR RESOLUTION.
4. ALL DIMENSIONS ON DRAWINGS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
5. FOR DETAILS AND SETTING OUT OF RWP, SVP, WVP & ALL OPENINGS SEE THE RELEVANT ARCHITECTS DRAWINGS.
6. FOR RADON BARRIER, D.P.C. & INSULATION DETAILS REFER TO ARCHITECTS DRAWINGS.



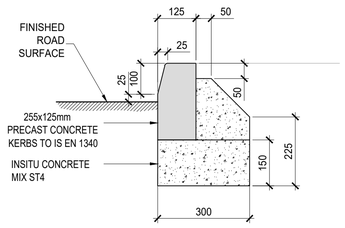
ROAD JOINT DETAIL

SCALE: 1:10 @ A1 & 1:20 @ A3

JOINT NOTES: -

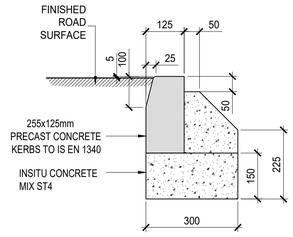
1. FORM 2 NO. SAW CUTS TO BE CUT THROUGH THE FULL DEPTH OF LAYER TO BE TIED IN AT A MIN. OF 100mm & 200mm FROM SIDES OF EXCAVATION PRIOR TO PERMANENT REINSTATEMENT.
2. 100 °C HOT BITUMEN BINDER 50 PEN OR COLD THIXOTROPIC BITUMEN 50 - 70 PEN TO BE APPLIED TO ALL VERTICAL CUTS TO ACHIEVE 2mm THICKNESS IN ACCORDANCE WITH B.S. 594 PRIOR TO APPLICATION OF BITUMINOUS MATERIALS.
3. ANY DAMAGED AREA ADJACENT TO THE OPENING AND RESULTING FROM THE EXCAVATION OPERATION SHALL BE INCLUDED WITHIN THE AREA TO BE REINSTATED.
4. THE COARSE AGGREGATE IN THE WEARING COURSE SHALL HAVE A POLISHED STONE VALUE OF NOT LESS THAN 60.

ALL WORKS TO BE IN ACCORDANCE WITH THE TII SPECIFICATION FOR ROAD WORKS.



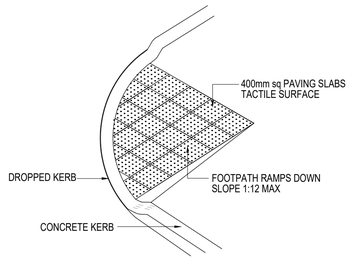
PROPOSED CONCRETE KERB DETAIL

SCALE: 1:10 @ A1 & 1:20 @ A3



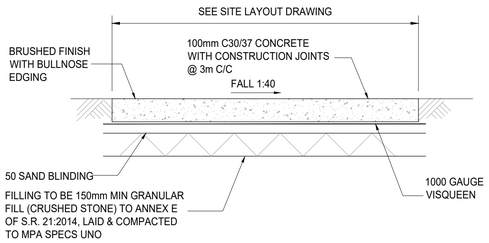
PROPOSED DROPPED CONCRETE KERB DETAIL

SCALE: 1:10 @ A1 & 1:20 @ A3



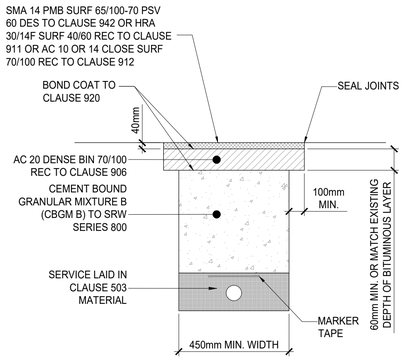
DROPPED KERB & TACTILE PAVING DETAIL

SCALE: NOT TO SCALE



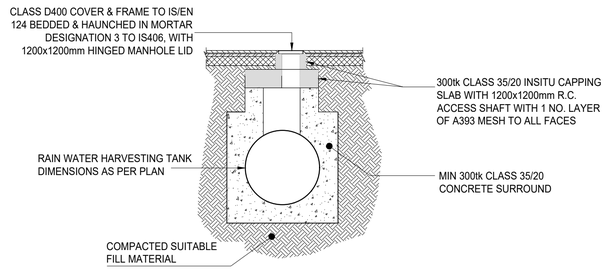
TYPICAL SECTION THROUGH CONCRETE FOOTPATH

SCALE: 1:20 @ A1 & 1:40 @ A3



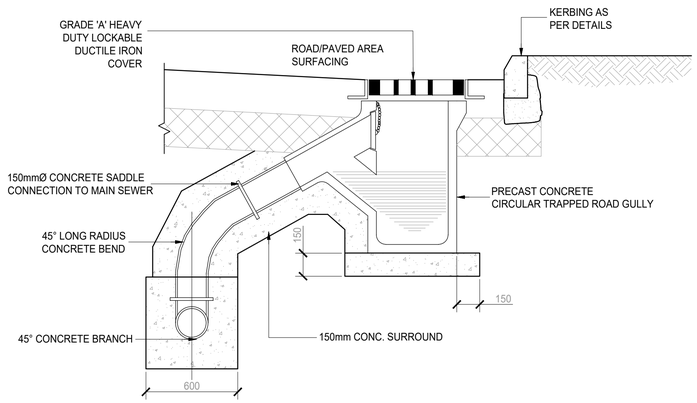
TYPICAL ROAD REINSTATEMENT

SCALE: 1:20 @ A1 & 1:40 @ A3



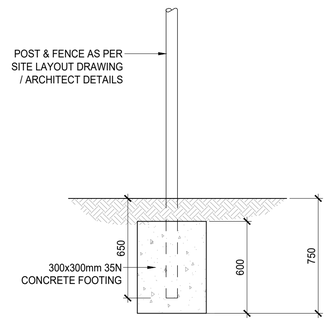
TYPICAL RAINWATER HARVESTING TANK INSTALLATION DETAILS

SCALE: NOT TO SCALE



ROAD GULLY TYP. SECTION

SCALE: 1:20 @ A1 & 1:40 @ A3



TYPICAL FENCE FOUNDATION DETAIL

SCALE 1:20 @ A1 & 1:40 @ A3

Issue Register

No.	Date	Description	Drawn	Checked	Approved
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PL1	12/03/21	PLANNING ISSUE	RDS	EJQ	MJP

PLANNING

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Client: KILKENNY COUNTY COUNCIL

Project: FIRE STATION, URLINGFORD, CO. KILKENNY

Drawing Title: PROPOSED EXTERNAL WORKS DETAILS

Project No:	Scale:
191009	A1 - VARIES
Drawing No:	Rev:
191009/C/034	PL1
Drawn: RDS	Checked: EJQ
Date: 08/02/21	