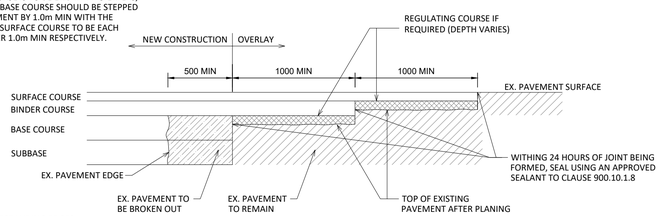
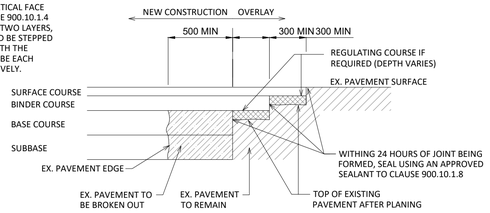
NOTES:
1. EDGES OF EXISTING CARRAIGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH CLAUSE 900.10.1.4
2. WHERE THE BASE COURSE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF BASE COURSE SHOULD BE STEPPED INTO EXISTING PAVEMENT BY 1.0m MIN WITH THE BINDER COURSE AND SURFACE COURSE TO BE EACH STEPPED IN A FURTHER 1.0m MIN RESPECTIVELY.



NOTE:
ALL FACES OF COLD UPSTANDING EDGES SHALL BE TREATED TO CLAUSE 900.10.8

TRANSVERSE JOINT DETAIL
SCALE 1:25

NOTES:
1. EDGES OF EXISTING CARRAIGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH CLAUSE 900.10.1.4
2. WHERE THE BASE COURSE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF BASE COURSE SHOULD BE STEPPED INTO EXISTING PAVEMENT BY 0.3m MIN WITH THE BINDER COURSE AND SURFACE COURSE TO BE EACH STEPPED IN A FURTHER 0.3m MIN RESPECTIVELY.



NOTE:
ALL FACES OF COLD UPSTANDING EDGES SHALL BE TREATED TO CLAUSE 900.10.8

LONGTUDINAL JOINT DETAIL
SCALE 1:25

SURFACE AND BINDER COURSE CONSTRUCTION

65mm OF DENSE ASPHALT CONCRETE SURFACE COURSE: AC 6 DENSE SURF 70/100 REC TO CLAUSE 909 (NRA) ON 75mm OF DENSE BITUMEN MACADAM BINDER COURSE: AC 20 DENSE BIN 40/60 (20mm AGGREGATE) TO CLAUSE 906

CONCRETE FOOTPATH

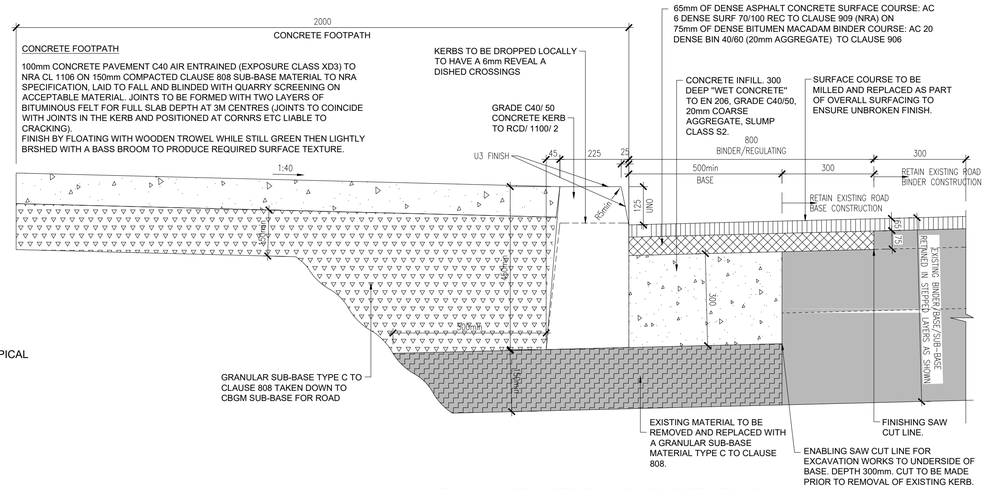
CONCRETE FOOTPATH

100mm CONCRETE PAVEMENT C40 AIR ENTRAINED (EXPOSURE CLASS XD3) TO NRA CL 1106 ON 150mm COMPACTED CLAUSE 808 SUB-BASE MATERIAL TO NRA SPECIFICATION, LAID TO FALL AND BLINDED WITH QUARRY SCREENING ON ACCEPTABLE MATERIAL. JOINTS TO BE FORMED WITH TWO LAYERS OF BITUMINOUS FELT FOR FULL SLAB DEPTH AT 3M CENTRES (JOINTS TO COINCIDE WITH JOINTS IN THE KERB AND POSITIONED AT CORNRS ETC LIABLE TO CRACKING).
FINISH BY FLOATING WITH WOODEN TROWEL WHILE STILL GREEN THEN LIGHTLY BRSHED WITH A BASS BROOM TO PRODUCE REQUIRED SURFACE TEXTURE.

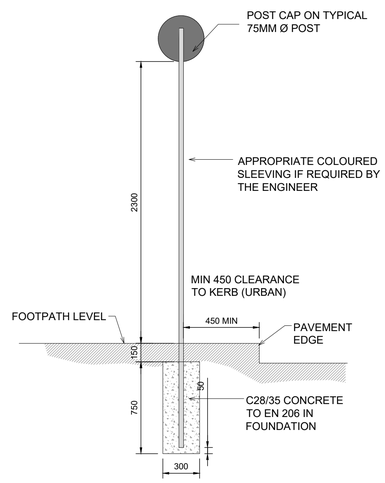
KERBS TO BE DROPPED LOCALLY TO HAVE A 6mm REVEAL A DISHED CROSSINGS

CONCRETE INFILL. 300 DEEP "WET CONCRETE" TO EN 206, GRADE C40/50, 20mm COARSE AGGREGATE, SLUMP CLASS S2.

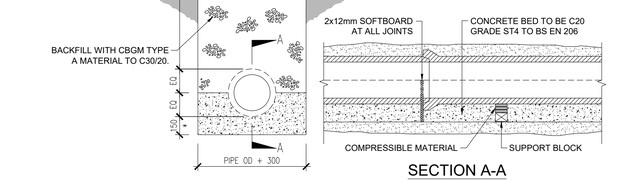
SURFACE COURSE TO BE MILLED AND REPLACED AS PART OF OVERALL SURFACING TO ENSURE UNBROKEN FINISH.



NEW IN SITU KERB AND FOOTPATH ON EXISTING ROAD DETAIL
SCALE 1:10



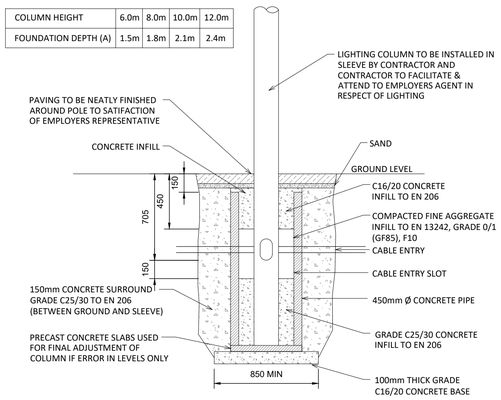
ROAD SIGN SINGLE POST
SCALE 1:25



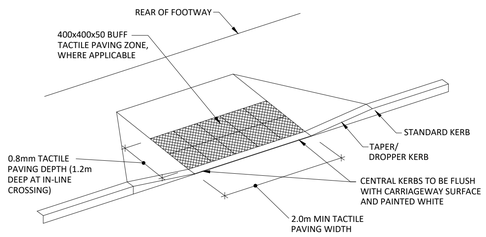
PIPE/ DUCT TRENCH AND REINSTATEMENT EXISTING PUBLIC ROADS
SCALE 1:25

SECTION A-A

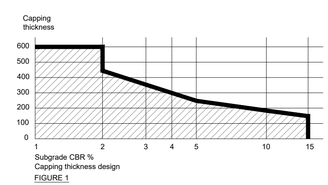
COLUMN HEIGHT	6.0m	8.0m	10.0m	12.0m
FOUNDATION DEPTH (A)	1.5m	1.8m	2.1m	2.4m

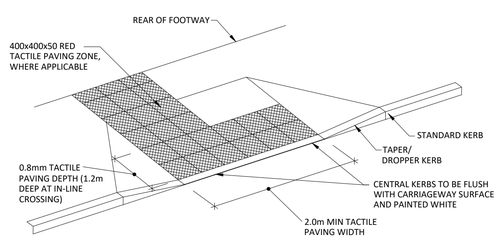


TYPICAL LAMP STANDARD FOUNDATION
SCALE 1:25



UNCONTROLLED DISHED CROSSING WITH TACTILE PAVING
SCALE 1:50





CONTROLLED DISHED CROSSING WITH TACTILE PAVING
SCALE 1:50

NOTES:
1. CBR TESTING TO BE PERFORMED AT MIN 0.6M BELOW EXISTING GROUND LEVEL.
2. CBR TESTING TO BE PERFORMED EVERY 100M AT SUBGRADE AND TOP OF CAPPING LAYER AND IN ACCORDANCE WITH SECTION 2.16 OF RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS.
3. MINIMUM CBR VALUES FOR BASE OF CAPPING LAYER TO BE 4% BASED ON MINIMUM 300MM CAPPING LAYER DEPTH

NOTES

1. NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF AKM DESIGN AS COPYRIGHT HOLDER, EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DRAWING IS ORIGINALLY ISSUED.
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3. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
4. DO NOT SCALE DIMENSIONS.
5. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. DISCREPANCIES SHALL BE REPORTED TO THIS OFFICE IN WRITING.
6. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS UNLESS OVERRIDDEN BY LOCAL AUTHORITY STANDARDS.
7. CLOSE GRADED SURFACE COURSE MACADAM SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 912 OF THE NRA'S "SPECIFICATION FOR ROAD WORKS" AND SHALL SATISFY THE REQUIREMENTS OF TABLE 9/2. IT SHALL BE LAID & COMPACTED IN ACCORDANCE WITH CLAUSE 901 & CLAUSE 702.
8. DENSE BITUMEN MACADAM BINDER COURSE SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 906 OF THE NRA'S "SPECIFICATION FOR ROAD WORKS" & SHALL SATISFY THE REQUIREMENTS OF TABLE 9/1. IT SHALL BE LAID & COMPACTED IN ACCORDANCE WITH CLAUSE 901 & CLAUSE 702.
9. SUB-BASE MATERIAL SHALL COMPLY WITH CLAUSE 808 GRANULAR MATERIAL TYPE B OF NRA'S SPECIFICATION FOR ROAD WORKS (SRW) & SHALL SATISFY THE REQUIREMENTS OF TABLE 8/4 & 8/2.
10. SUB FORMATION & CAPPING MATERIAL SHALL COMPLY WITH CLAUSE 613 OF THE NRA'S SPECIFICATION FOR ROAD WORKS & SHALL SATISFY THE REQUIREMENTS OF TABLE 6/1 & 6/2.
11. STONE BLINDING WITH 2-6.3mm AGGREGATE SHALL MEET THE FOLLOWING GRADING, IN ACCORDANCE WITH IS EN 13242:

BS SIEVE SIZE (mm)	% BY MASS PASSING
14	100
10	98 - 100
6.3	80 - 99
2.0	0 - 20
1.0	0 - 5

12. CRUSHED STONE WITH 4-20mm AGGREGATE SHALL MEET THE FOLLOWING GRADING, IN ACCORDANCE WITH IS EN 13242:

BS SIEVE SIZE (mm)	% BY MASS PASSING
40	100
31.5	98 - 100
20	90 - 99
10	25 - 70
4	0 - 15
5	0 - 5

13. ALL WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
14. ALL GEOGRIDS TO BE LAID IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
15. ALL PERMEABLE PAVING SUB-FORMATION TO BE LAID TOWARD DRAINAGE PIPEWORK.

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DO NOT SCALE DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DISCREPANCIES TO BE REPORTED TO AKM DESIGN GROUP IMMEDIATELY. ALL DIMENSIONS TO BE CHECKED ON SITE BY MAIN CONTRACTOR PRIOR TO CONSTRUCTION, MAIN CONTRACTOR IS RESPONSIBLE FOR SET-OUT.

DESCRIPTION	REV	DATE
FIRST ISSUE	00	10/25

AKM DESIGN GROUP.
Innovating tomorrow through design
14 Riverwalk, Citywest, Dublin 24, D24 XN32
T: +353 1 479 6234 E: info@akmdesign.ie akmdesign.ie

STAGE: S4 - FOR PLANNING

DRAWN BY:	APPROVED BY:	AKM JOB NUMBER:
DM	CK	25007
DATE: 10/25		SCALE: AS SHOWN @ A1
REVISION NUMBER: 00		SEQUENCE NUMBER: 520001

25007-AKM-XXXX-XX-DR-C01-520001

PROJECT TITLE: GOREY RESIDENTIAL DEVELOPMENT

DRAWING TITLE: ROADS SECTIONS & DETAILS SHEET 1 OF 4

CLIENT: GLENVEAGH HOMES