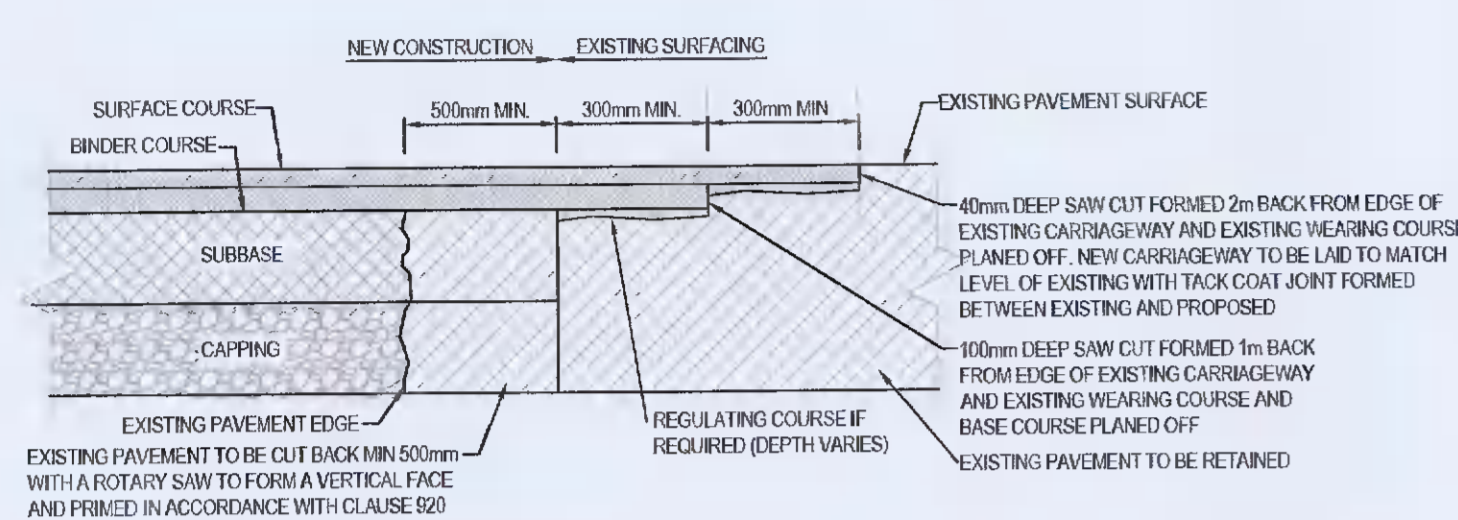
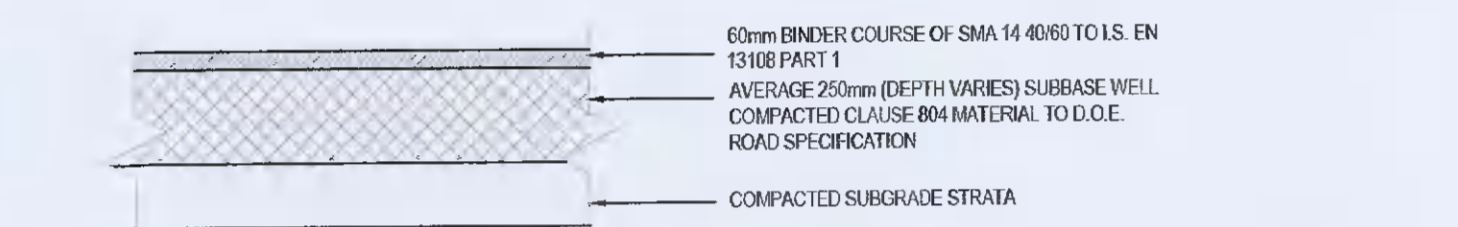


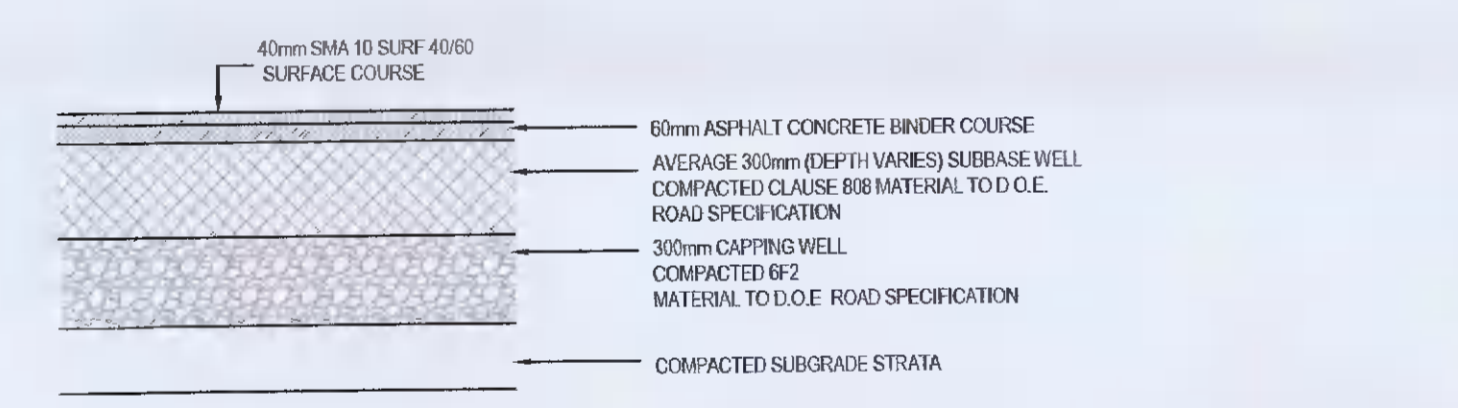
**TYPICAL DETAIL OF TRAVERSE JOINT BETWEEN NEW AND EXISTING ROAD CONSTRUCTION**  
SCALE: 1:25



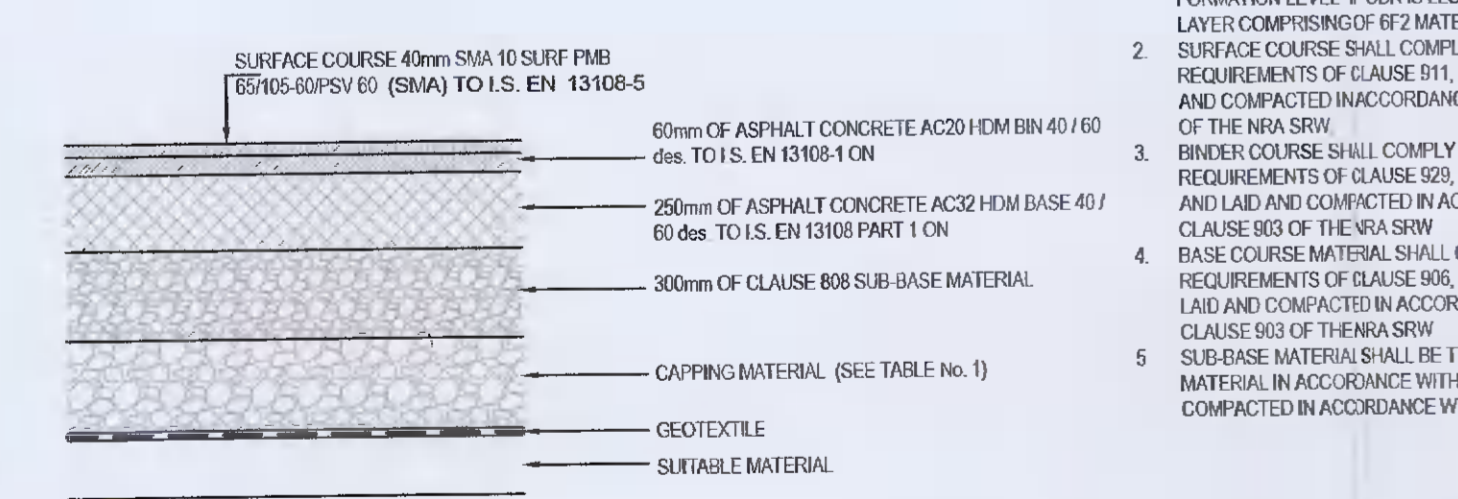
**TYPICAL DETAIL OF LONGITUDINAL JOINT BETWEEN NEW AND EXISTING ROAD CONSTRUCTION**  
SCALE: 1:25



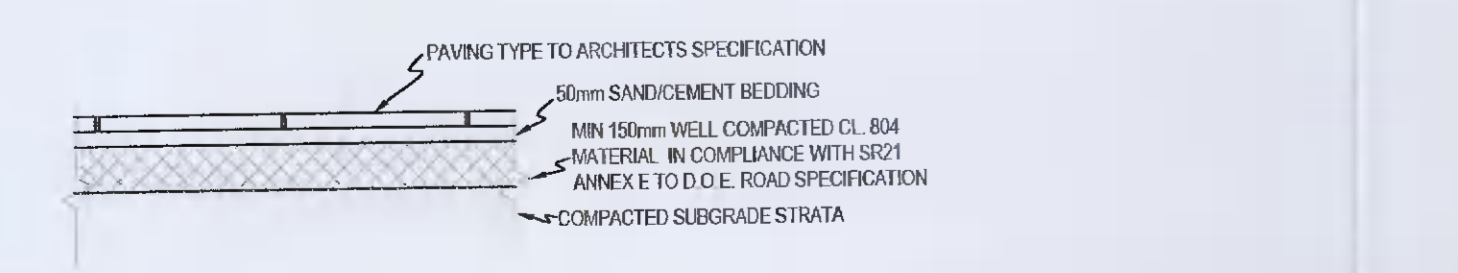
**TYPICAL PEDESTRIAN ACCESS / FOOTWAY**  
SCALE: 1:20



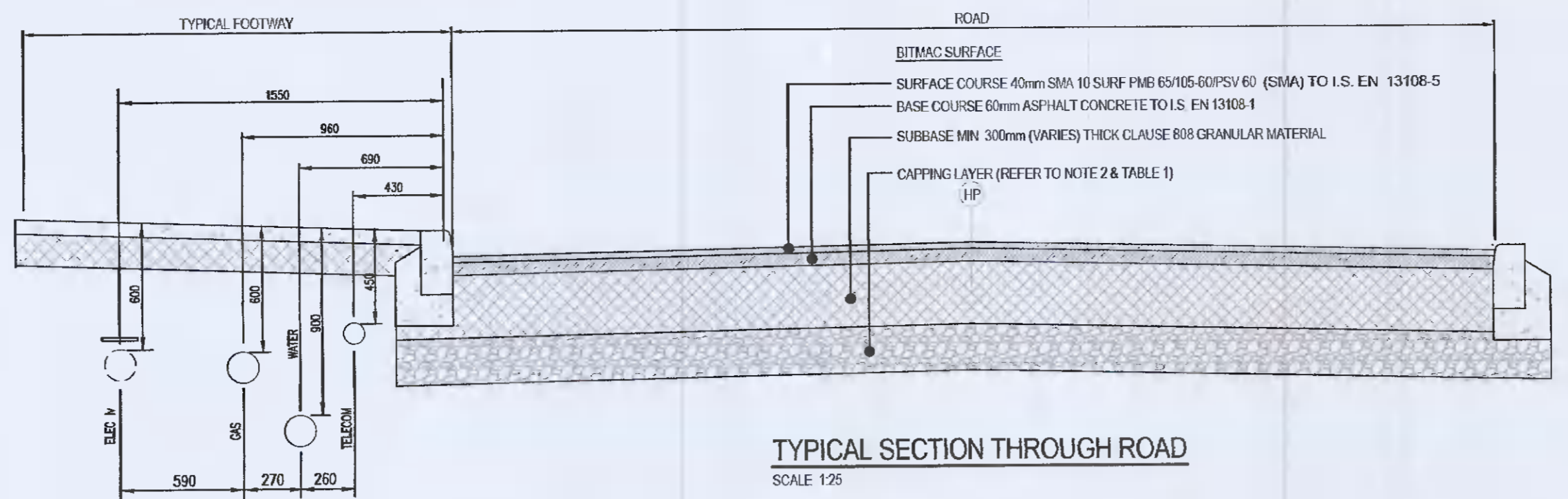
**TYPICAL CAR PARK/TRAFFICKED BALL COURT DETAIL**  
SCALE: 1:25



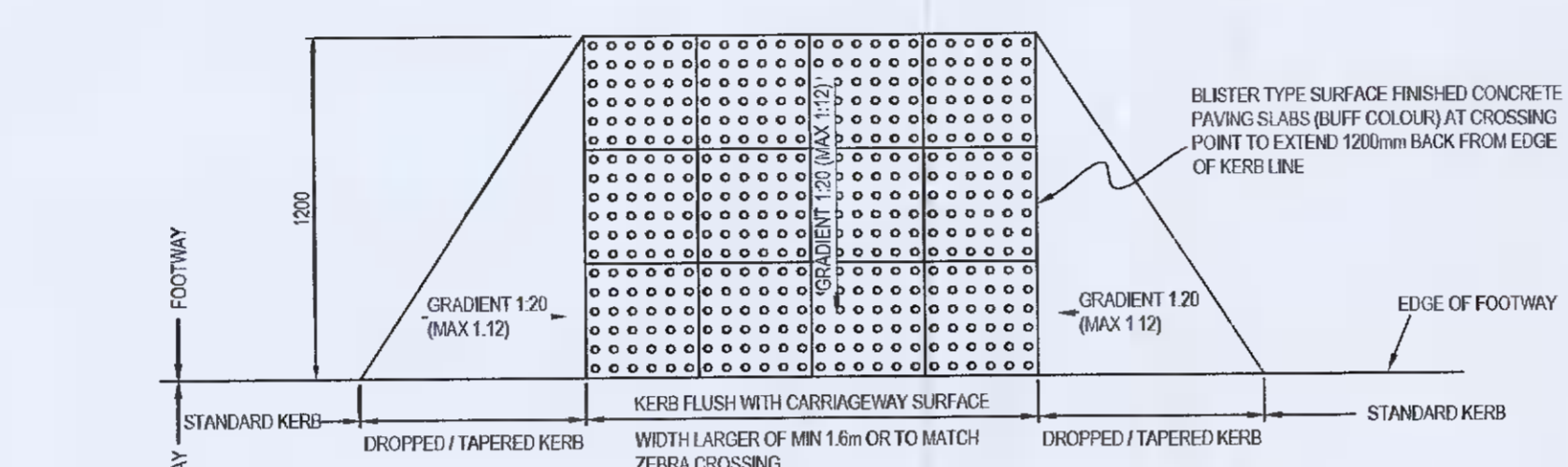
**TYPICAL ROADWAY (SMA SURFACE) DETAIL**  
SCALE: 1:25



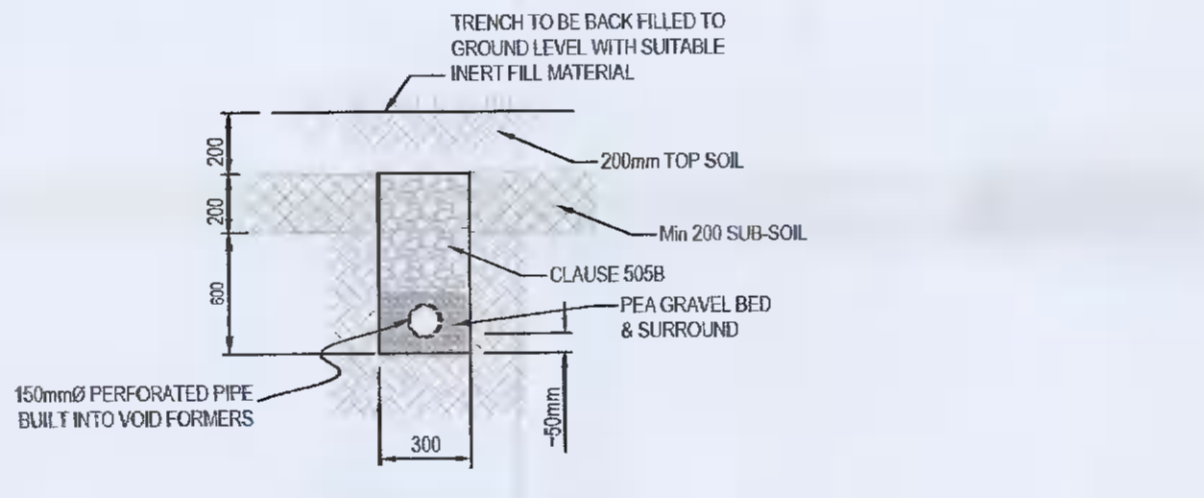
**TYPICAL PAVING DETAIL**  
SCALE: 1:20



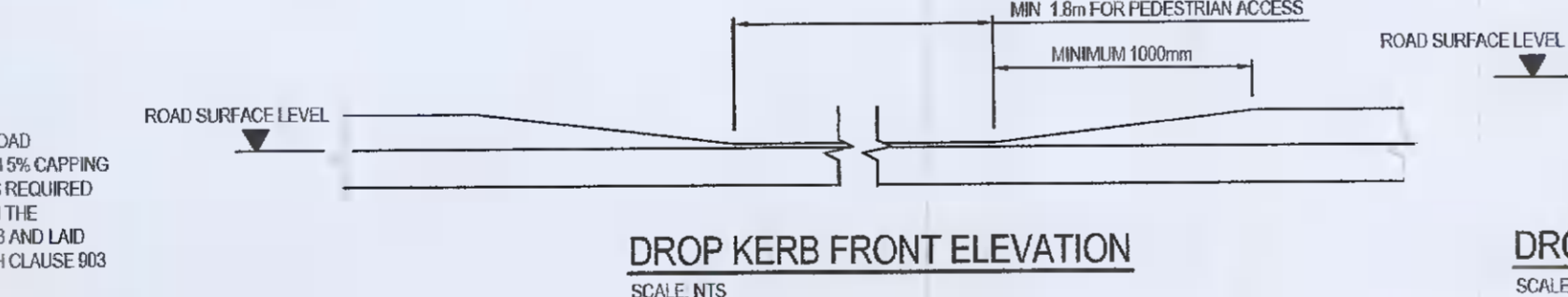
**TYPICAL SECTION THROUGH ROAD**  
SCALE: 1:25



**TYPICAL TACTILE PAVING DETAIL (IN-LINE UNCONTROLLED CROSSING)**  
SCALE: NTS

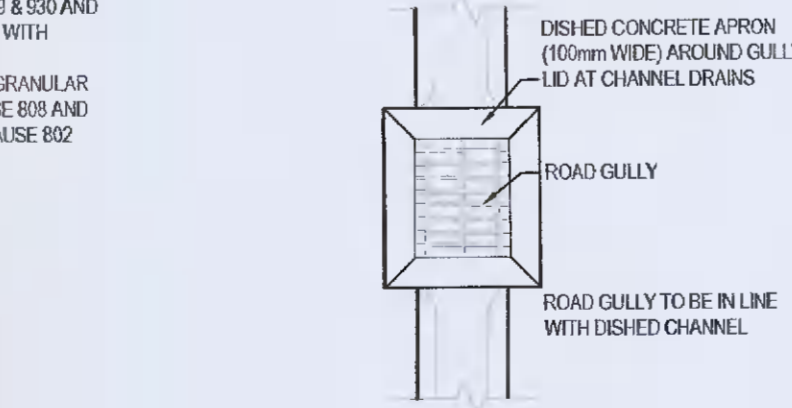


**TYPICAL DETAIL OF LAND DRAIN**  
SCALE: 1:20

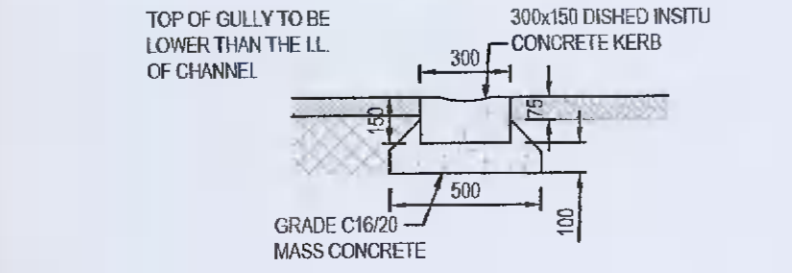


**DROP KERB FRONT ELEVATION**  
SCALE: NTS

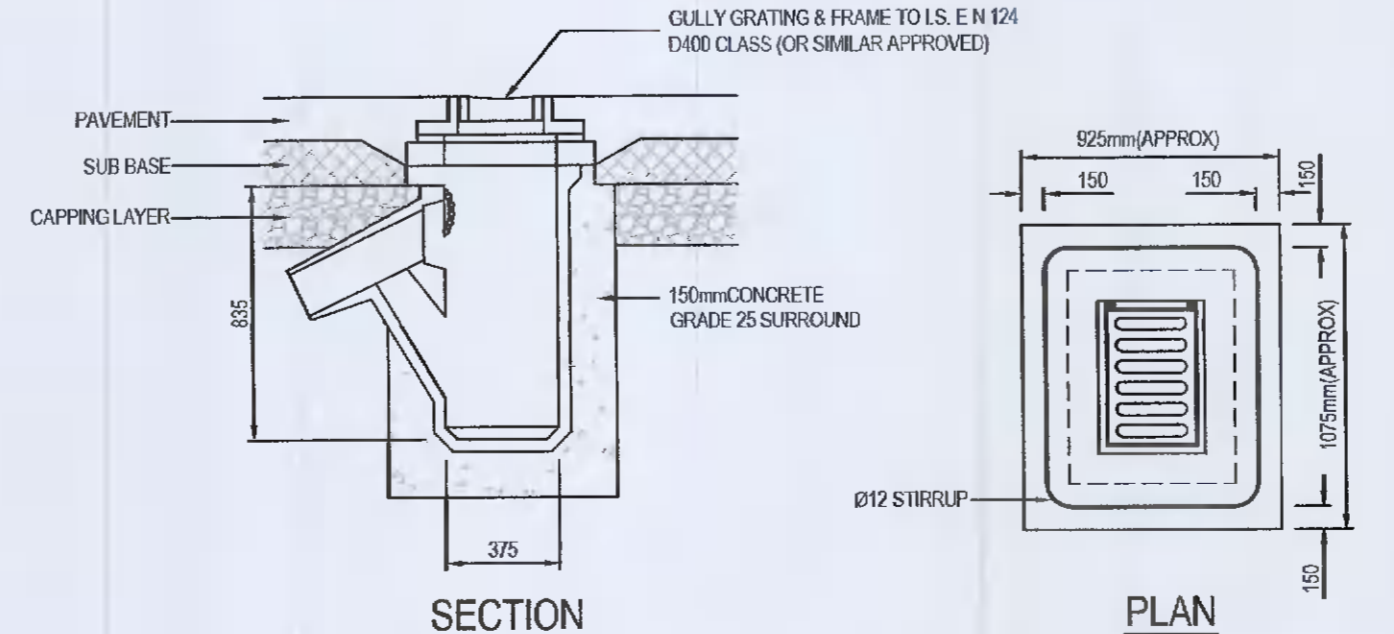
**DROP KERB DETAIL**  
SCALE: NTS



**PLAN OF DISHED CHANNEL AT GULLY LOCATION**  
SCALE: 1:25

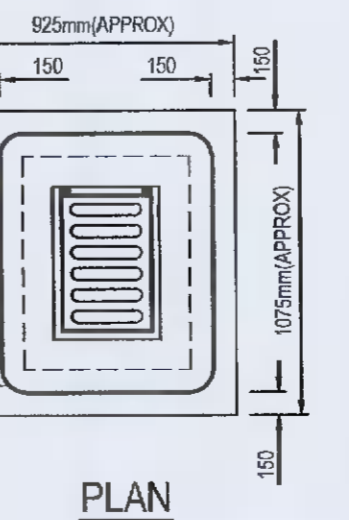


**DISHED CHANNEL DETAILS**  
SCALE: 1:25

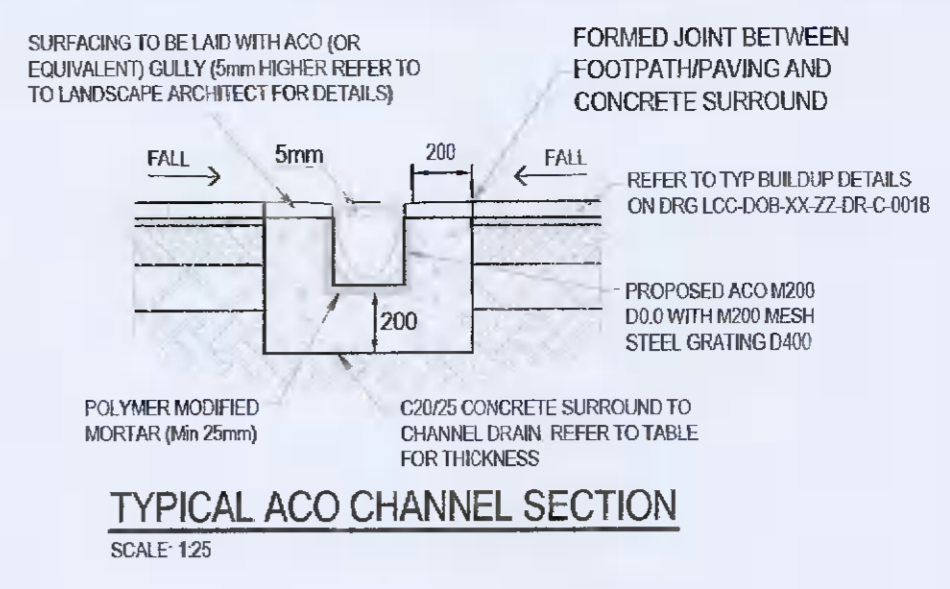


**SECTION**

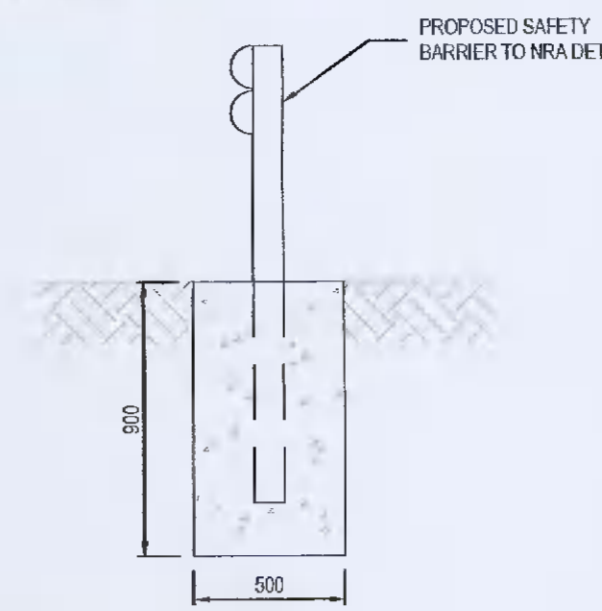
**PRECAST CONCRETE ROAD GULLY**  
SCALE: 1:25



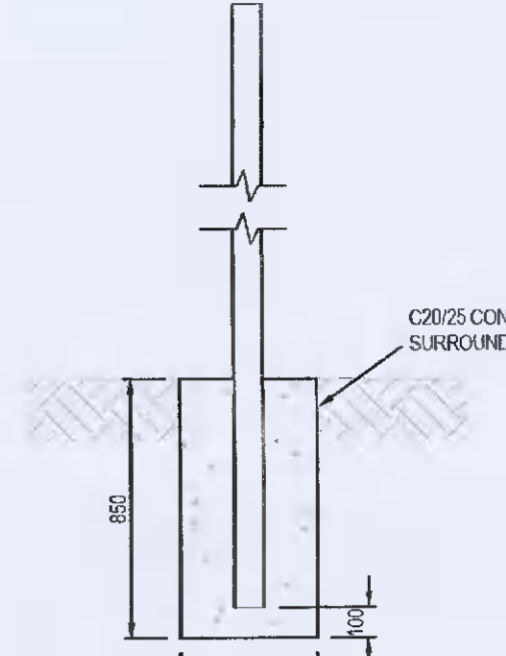
**PLAN**



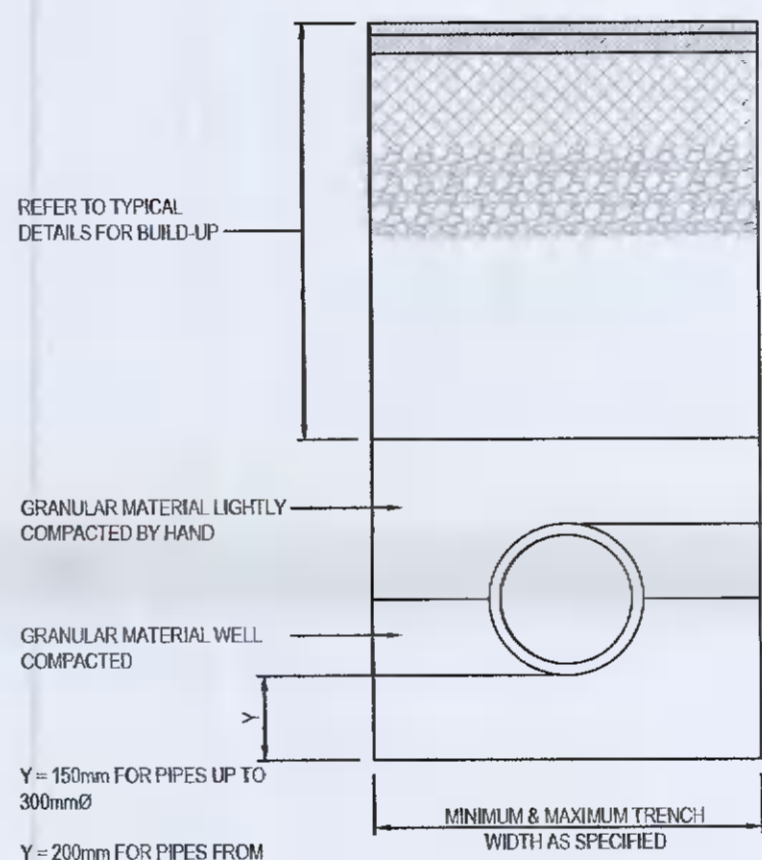
**TYPICAL ACO CHANNEL SECTION**  
SCALE: 1:25



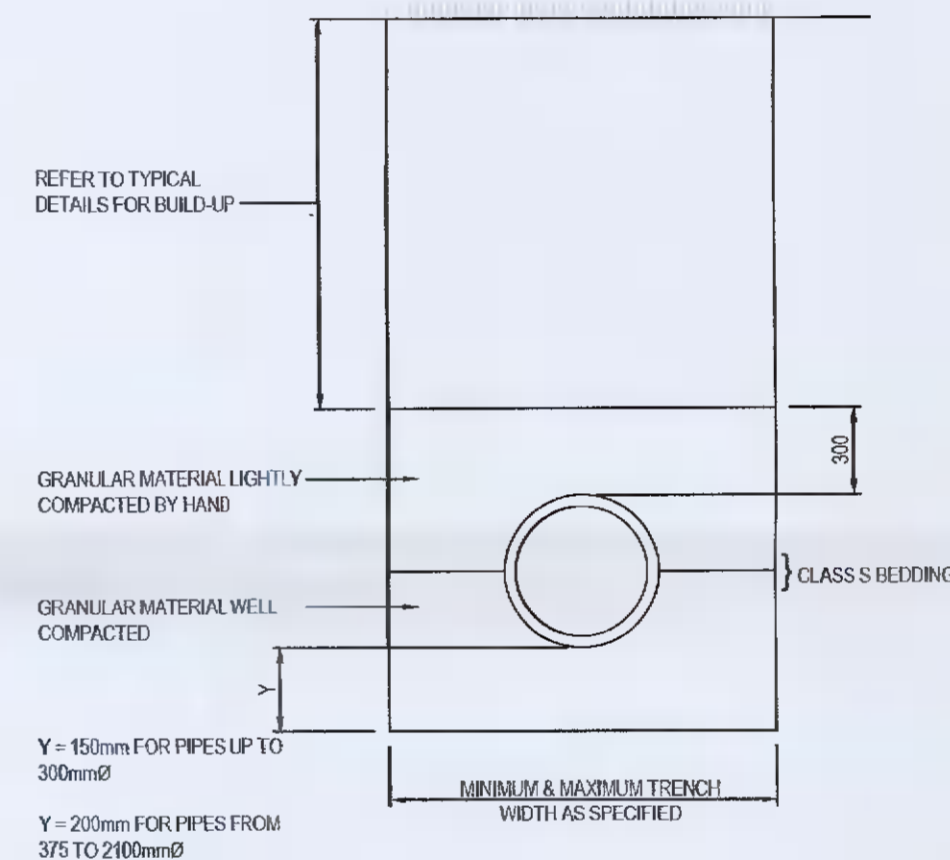
**TYPICAL SAFETY BARRIER DETAIL**  
SCALE: 1:25



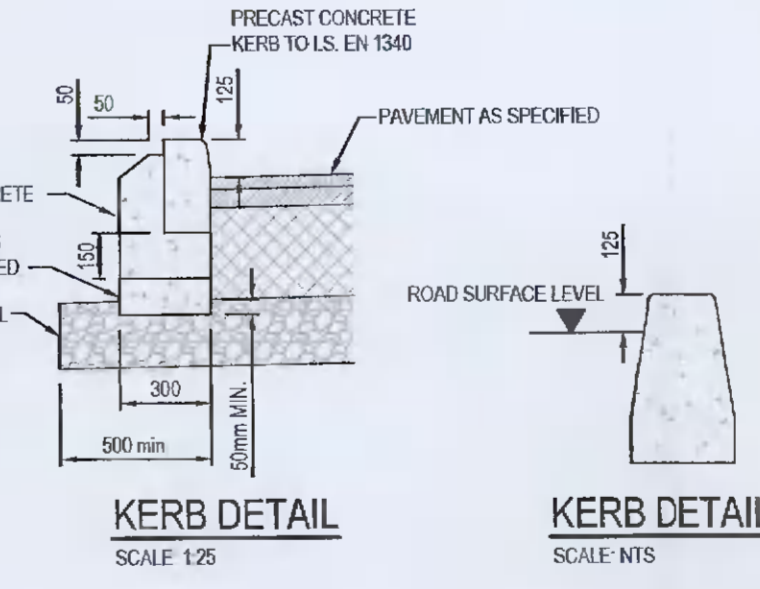
**TYPICAL SIGNPOST FOUNDATION DETAIL**  
SCALE: 1:25



**PIPELINES IN FOOTWAYS, ROADS & ROAD MARGINS**  
SCALE: NTS



**PIPELINES IN MEDIANS, FIELDS & LAWNS**  
SCALE: NTS



**KERB DETAIL**  
SCALE: 1:25



**KERB DETAIL**  
SCALE: NTS

**GENERAL NOTES:**

- FOR STANDARD DCBA NOTES REFER TO DRAWING DOBA129-S-001 & S-002
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS & ENGINEERS DRAWINGS AND SPECIFICATIONS.
- USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.
- ALL PFL AND SSL TO BE CONFIRMED BY ARCHITECT
- ALL DPC'S, DPM'S, RADON BARRIERS, INSULATION AND ALL WEATHERING DETAILS TO ARCHITECT'S DRAWINGS & SPECIFICATIONS
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER & ARCHITECT FOR RESOLUTION

**ROAD CONSTRUCTION NOTES:**

- CAPPING LAYER MATERIAL SHOULD COMPRISE EITHER CRUSHED ROCK, NATURAL GRAVEL, CRUSHED GRAVEL OR CRUSHED CONCRETE. THE MATERIAL SHOULD HAVE A MAXIMUM SIZE OF 10MM AND THE MAXIMUM ALLOWABLE PASSING THE 75 MICRON SIEVE SHOULD BE 10%. THE MATERIAL SHOULD BE WELL GRADED THROUGHOUT ALL SIZES. REFER TO TABLE 1 FOR MINIMUM CONSTRUCTION THICKNESS OF CAPPING LAYER
- THE CONTRACTOR IS TO VERIFY THE CBR VALUES TO DETERMINE THE THICKNESS OF CAPPING LAYER, AS DIRECTED BY TABLE 1. SOFT SPOTS TO BE REMOVED AND REPLACED WITH SUITABLE GRANULAR MATERIAL
- FOR SUB GRADES WITH A CBR OF LESS THAN 2% THE ENGINEERS ADVICE SHOULD BE SOUGHT ON THE USE OF A GEOTEXTILE SEPARATOR AND THE DEPTH OF CAPPING MATERIAL
- PROVISIONAL ALLOWANCE TO BE MADE FOR SUBGRADE REINFORCEMENT (GEOTEXTILE OR GEORIB). EXTENT OF SAME TO BE CONFIRMED BY IN-SITU CBR TESTS PRIOR TO CONSTRUCTION

TABLE No 1

C.B.R. OF SUB GRADE (%)	MINIMUM THICKNESS OF CAPPING LAYER (mm)
Less than 2	REFER TO NOTE 3
2-5	300
5-15	150
Greater than 15	0

NOTE: ALLOW FOR 4 NO. CBR TESTS TO BE CARRIED OUT IN LOCATIONS SPECIFIED BY THE ENGINEER

**TRENCH WIDTHS**

NOMINAL PIPE DIAMETER mm	MINIMUM TRENCH WIDTH mm	MAXIMUM TRENCH WIDTH mm
100	430	700
150	450	800
225	580	900
300	680	1000
375	800	1200
450	920	1300
525	970	1400
600	1080	1500
675	1180	1600
750	1250	1700
900	1420	2200
1050	1625	2400
1200	1850	2600
1350	2060	2800
1500	2230	3000
1800	2800	3400

**ISSUED FOR PLANNING**

S4.P01	ISSUED FOR PLANNING	15.02.2022	TN	RK
Rev.	Note	Date	Drawn	Check

**DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS**  
UNIT 5C ELM HOUSE MILLENNium PARK NAAS CO. KILDARE  
PHONE: +353 45 954 012  
INFO@DOBRIEN-ENGINEERS.IE WWW.DOBRIEN-ENGINEERS.IE

Client: DUBLIN & DUN LAOGHAIRE ETB  
Project: LUCAN COMMUNITY COLLEGE  
Drawing Title: TYPICAL SITEWORKS DETAILS SHEET 1 OF 2  
Drawn By: RR Checked By: RK Approved By: DOB Date: 19.09.2016 Scale: AS SHOWN Sheet Size: A1  
Project Number: DOBA1446 Drawing Number: LCC-DOB-XX-SI-DR-C-0015 Status Code: S4 Rev Number: P01