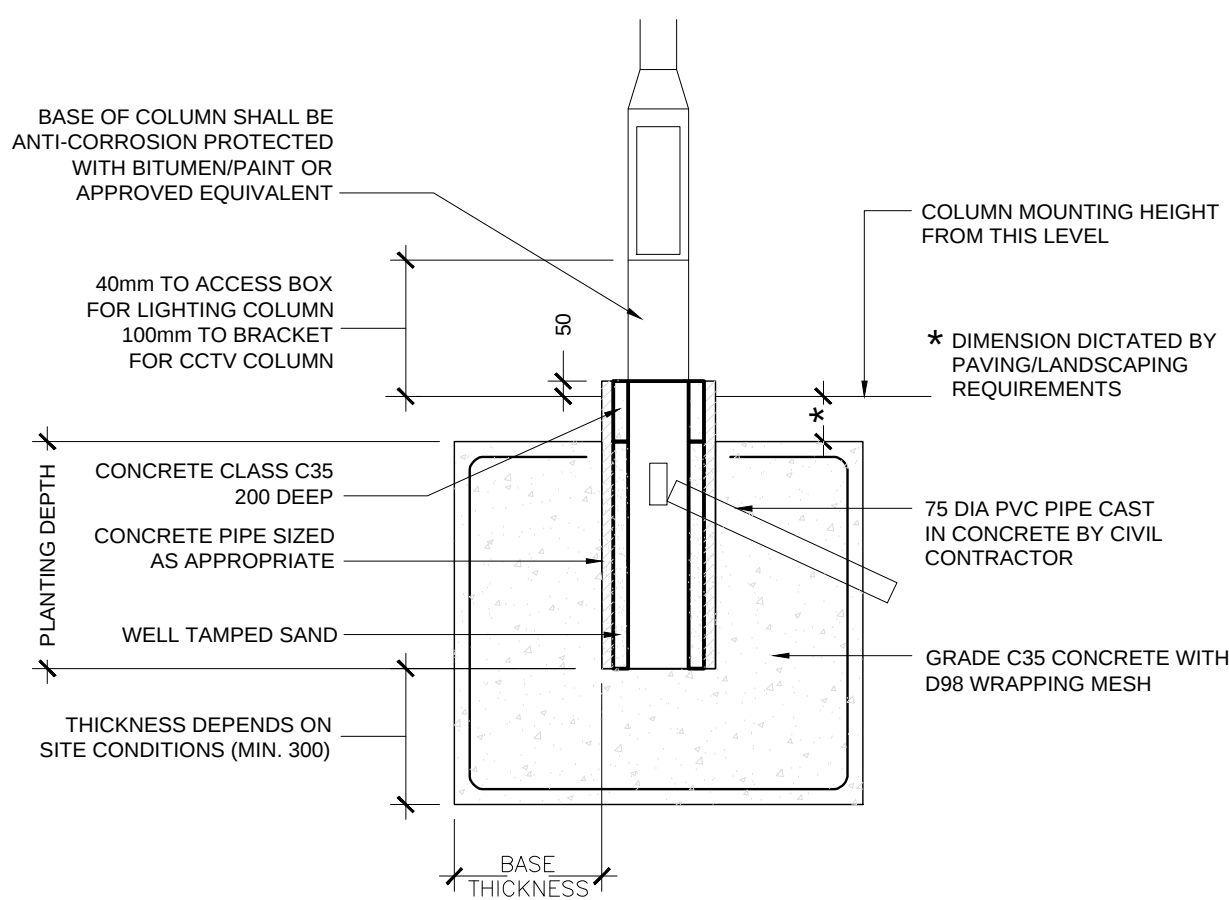
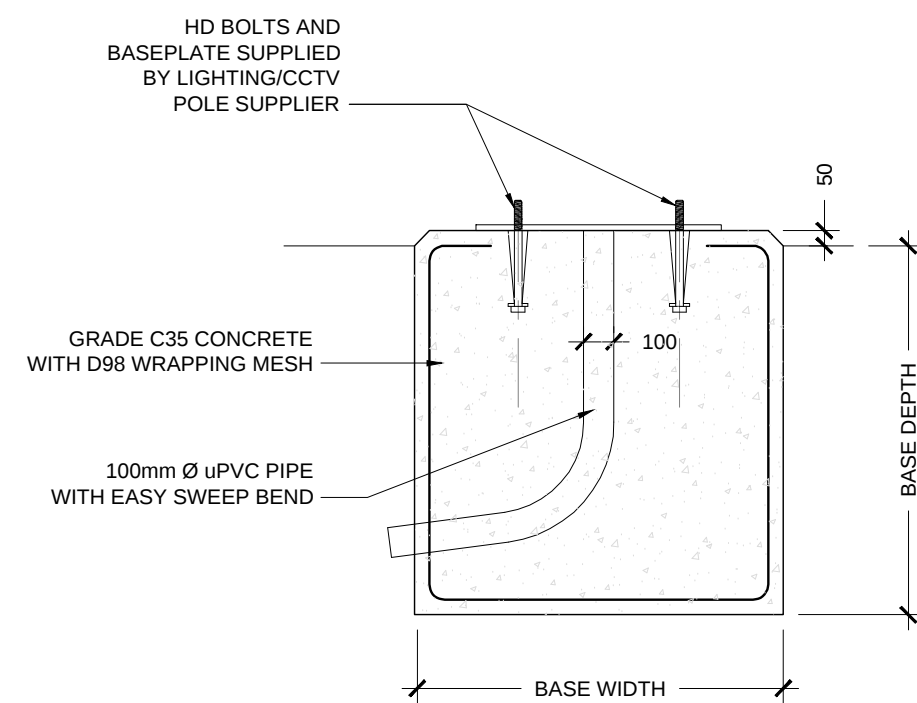


[illegible]

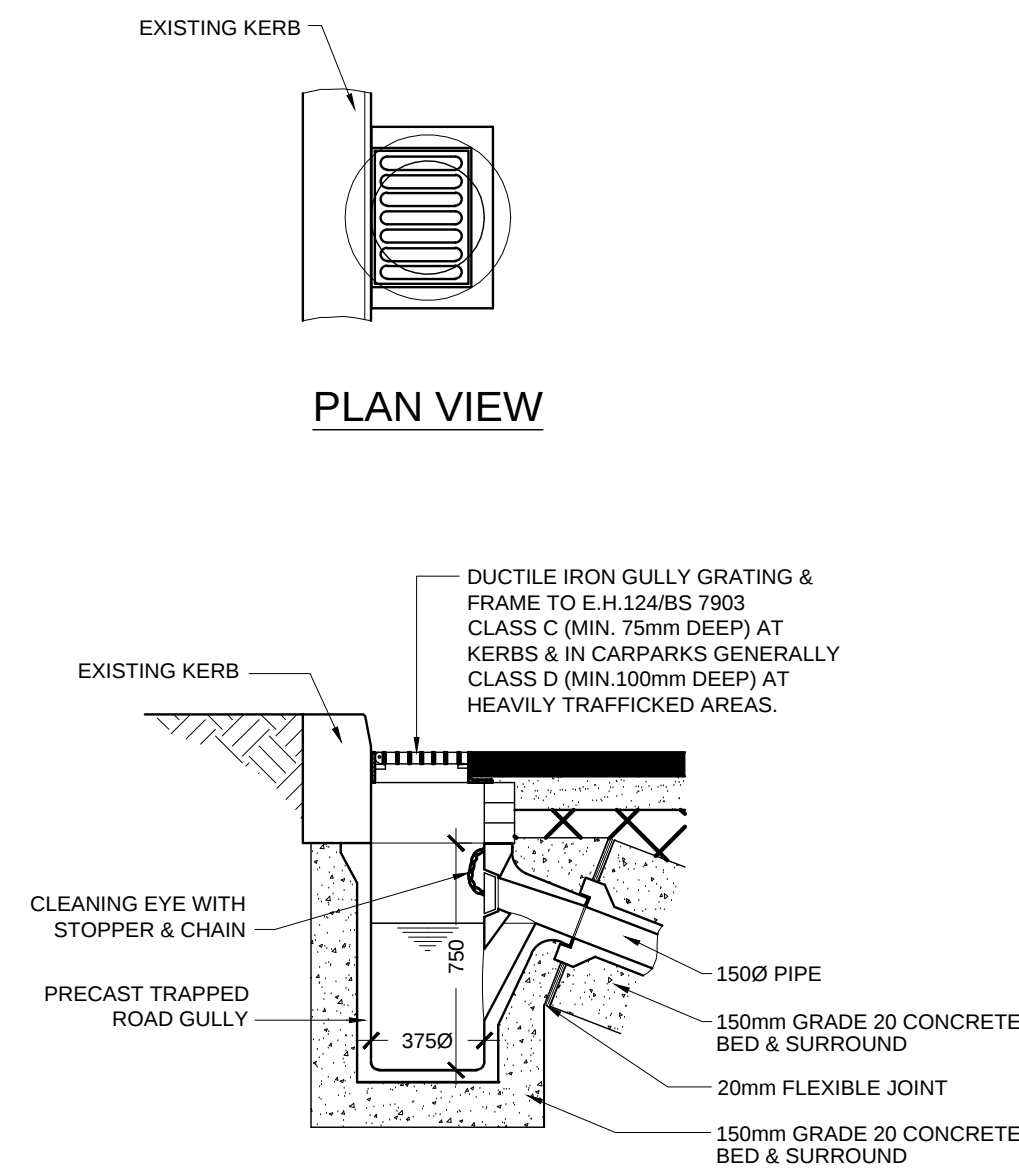
COLUMN MOUNTING HEIGHT (m)	PLANTING DEPTH (mm)	BASE THICKNESS (mm)
9	900	750
7.5	700	500
6	700	400
4.5	700	400
1.5	500	300

PLANTED LIGHTING/CCTV COLUMN
BASE DETAIL

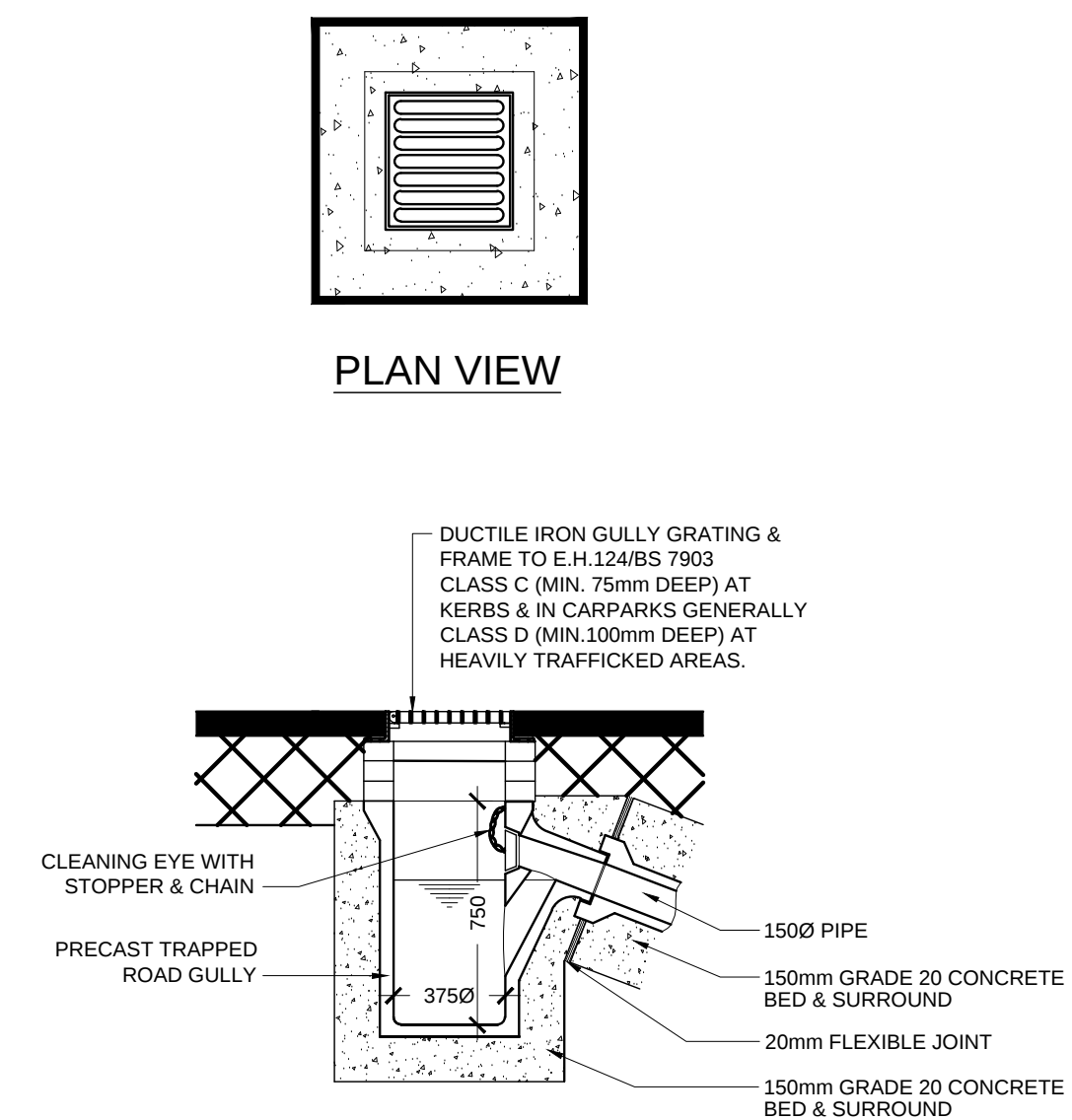


COLUMN MOUNTING HEIGHT (m)	BASE DEPTH (mm)	BASE WIDTH (mm)	MINIMUM HD BOLTS
9	1200	1500	4No. M24
7.5	750	1200	4No. M24
6	750	1000	4No. M20
4.5	750	1000	4No. M20

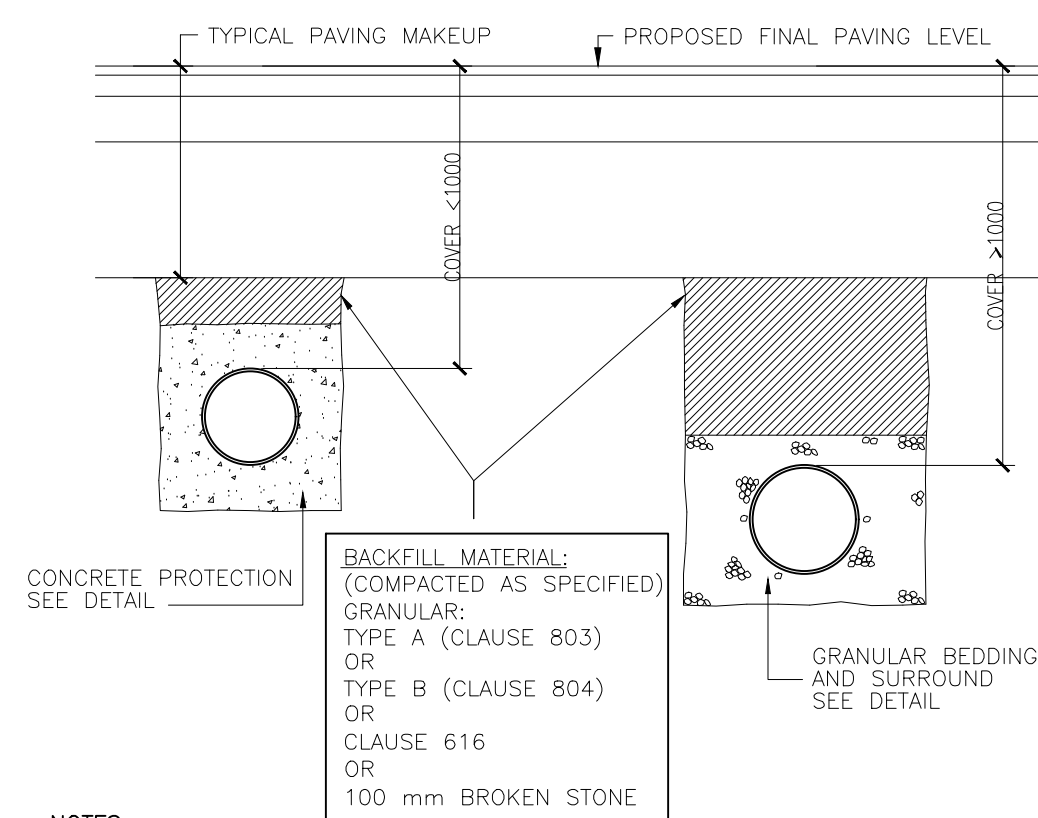
BOLTED LIGHTING/CCTV COLUMN
BASE DETAIL



TYPICAL GULLY DETAIL ADJACENT TO KERBS

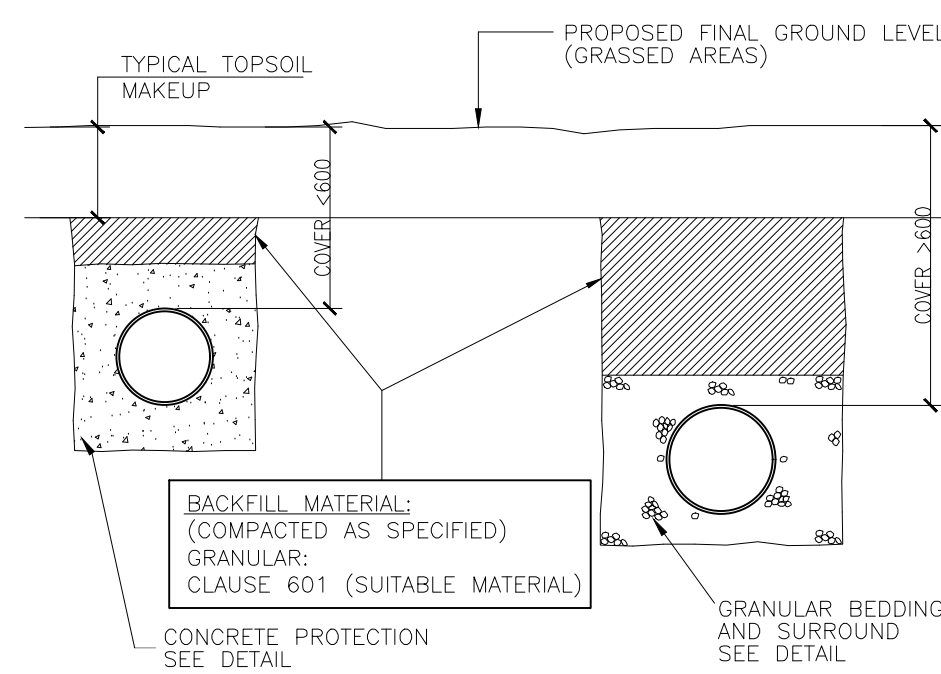


TYPICAL ROAD GULLY DETAIL FOR ROADS



- NOTES**
1. THIS DETAIL SHOWS CONCRETE PROTECTION REQUIREMENTS BASED ON DEPTH OF COVER.
EXCEPTIONS:
-CASAINS : 750mm MIN. COVER WITHOUT CONCRETE PROTECTION
-DUCTILE IRON PIPES : 300mm MIN. COVER WITHOUT CONCRETE PROTECTION
 2. WHERE DEPTH OF COVER >300mm, PROVIDE CONCRETE ENCASEMENT AS FOR SHALLOW PIPE, UNLESS PIPE OF APPROPRIATE STRENGTH CLASS (OR DUCTILE IRON) HAS BEEN SPECIFIED.
 3. SEE ROAD CONSTRUCTION DRAWING FOR DETAILS OF PAVING LAYERS

UNDERGROUND SERVICES (1)
IN PAVED AREAS —



- NOTES**
1. THIS DETAIL SHOWS CONCRETE PROTECTION REQUIREMENTS BASED ON DEPTH OF COVER.
EXCEPTIONS:
- GASMAINS : 600mm MIN. COVER WITHOUT CONCRETE PROTECTION
- DUCTILE IRON PIPES : 300mm MIN. COVER WITHOUT CONCRETE PROTECTION
 2. WHERE DEPTH OF COVER >3000mm, PROVIDE CONCRETE ENCASEMENT FOR SMALLER PIPE, UNLESS PIPE OF APPROPRIATE STRENGTH CLASS HAS BEEN SPECIFIED.
 3. THE DETAILS APPROPRIATE TO UNPAVED AREAS SHALL ONLY BE USED WHERE APPROVED BY THE ENGINEER.

UNDERGROUND SERVICES IN UNPAVED AREAS 3
—

Drawing Stage:	Project Details:		Notes	Drawn by:	Checked by:	Approved by:	Date:	CORA Behan House, 10 Lower Mount Street, Dublin 2. D02 HT71 Tel: +353 1 661 1100 e-mail: info@cora.ie Web: www.cora.ie CONSULTING ENGINEERS								
	Site Address:	GLEBE HOUSE, St. AGNES ROAD, CRUMLIN, DUBLIN 12		BD	AG	JP	01/07/2020									
	Client:	SEABREN DEVELOPMENTS LTD & CIRCLE VHA		Project Name:			Scale:		Project Number:							
	Architect:	REDDY ARCHITECTURE & URBANISM		GLEBE HOUSE			A/S @ A1		1968							
	M&E Designer:	-		Drawing Title:			Project:		Originator:	Zone:	Level:	Type:	Discipline:	Drawing No:	Stage:	Revision:
	Contractor:	-		TYPICAL DETAILS SHEET 4			-		CORA	-	XX	DR	C	023	P	02