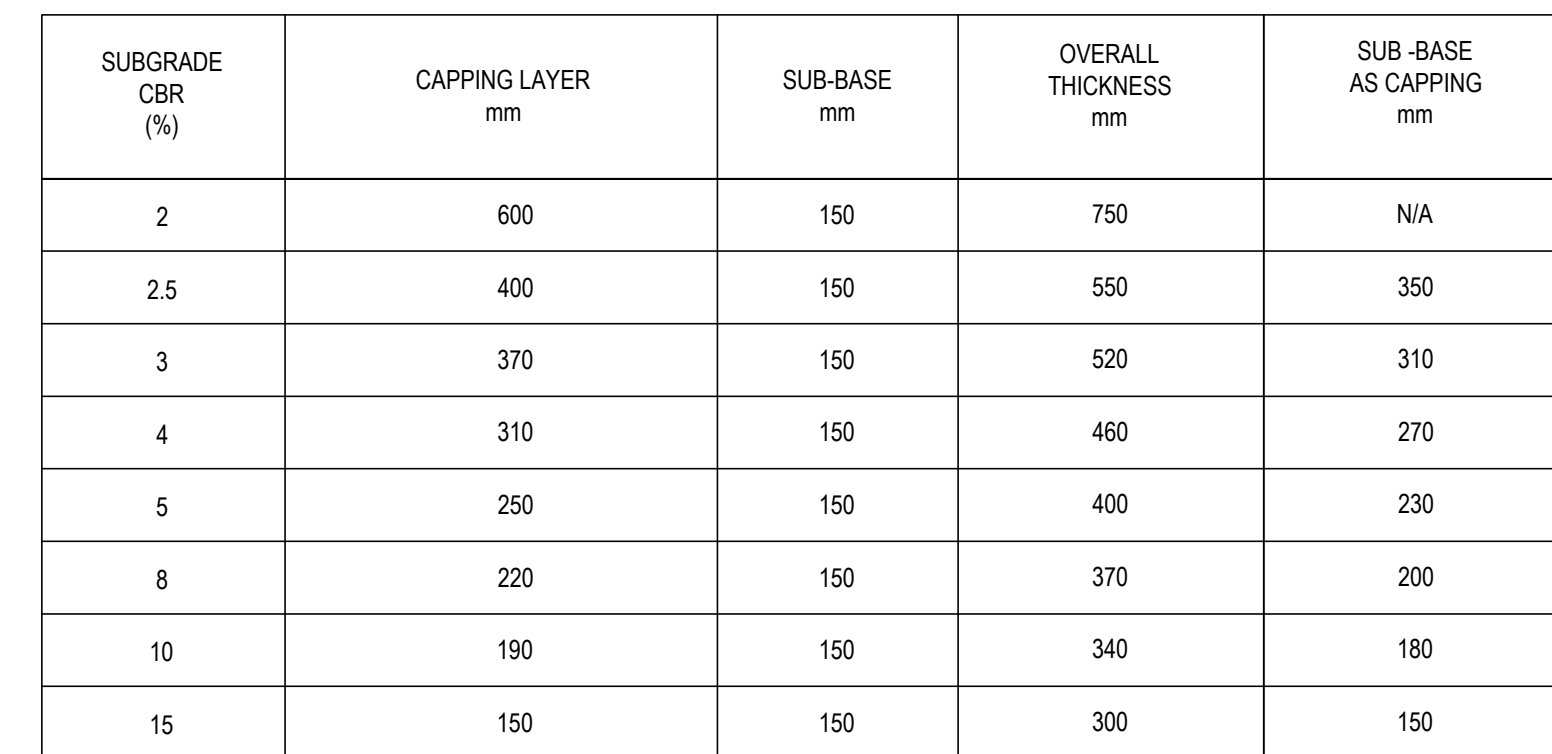




Heavy duty ductile iron gully grating and frame to be BS 479 1976 ref. Ga2 450 (EN 124 ref. D400) Single piece grating, anti-theft captive hinge, black bitumen coated. Minimum weight 31kg bedded in accordance with specification in Part 5 HA 104/02

The diagram consists of two parts. On the left is a circular cross-section of the gully frame and grate assembly. It shows a central grate with horizontal bars, surrounded by a frame. Arrows point from the text 'Fillet to be filled and Pointed with Class 1 mortar' to the gaps between the grate and the frame. Below this is a note about the hinged and lockable gully grate and frame type GA1, grade D400 to BS EN 124, bed and haunched with a 1:3 cement to sharp sand mortar mix to a level of 6mm below fri. The thickness of the bed shall be 10-25mm, any adjustment shall be made by modifying the brickwork.

On the right is a detailed side elevation of the gully installation. It shows the gully frame, grate, and surrounding concrete structure. Dimensions are given: 450mm width, 900mm height, and 150mm ST4 Concrete surround. Material specifications include: 2 COURSES MINIMUM OF CLASS "B" 225mm THK. ENGINEERING BRICK 10mm MORTAR JOINTS 1:3 MIX; 25mm FLEXCELL OR SIMILIAR; 150mm INT. DIAM OUTLET PIPE BED AND SURROUND WITH ST4 CONCRETE WHERE COVER IS LESS THAN 1.2m BELOW FRL; and 450mm X 900mm P.C.C GULLY TO BS5911 BED AND SURROUND WITH ST4 CONCRETE ALL TO CL. 508 OF THE DTP SPEC.

Fillet to be filled and
Pointed with Class 1 mortar

Hinged & lockable gully grate and frame type GA1, grade D400 to BS EN 124,
bed and haunched with a 1:3 cement to sharp sand mortar mix to a level of
6mm below fri. the thickness of the bed shall be 10-25mm, any adjustment
shall be made by modifying the brickwork

150mm ST4 Concrete surround

450

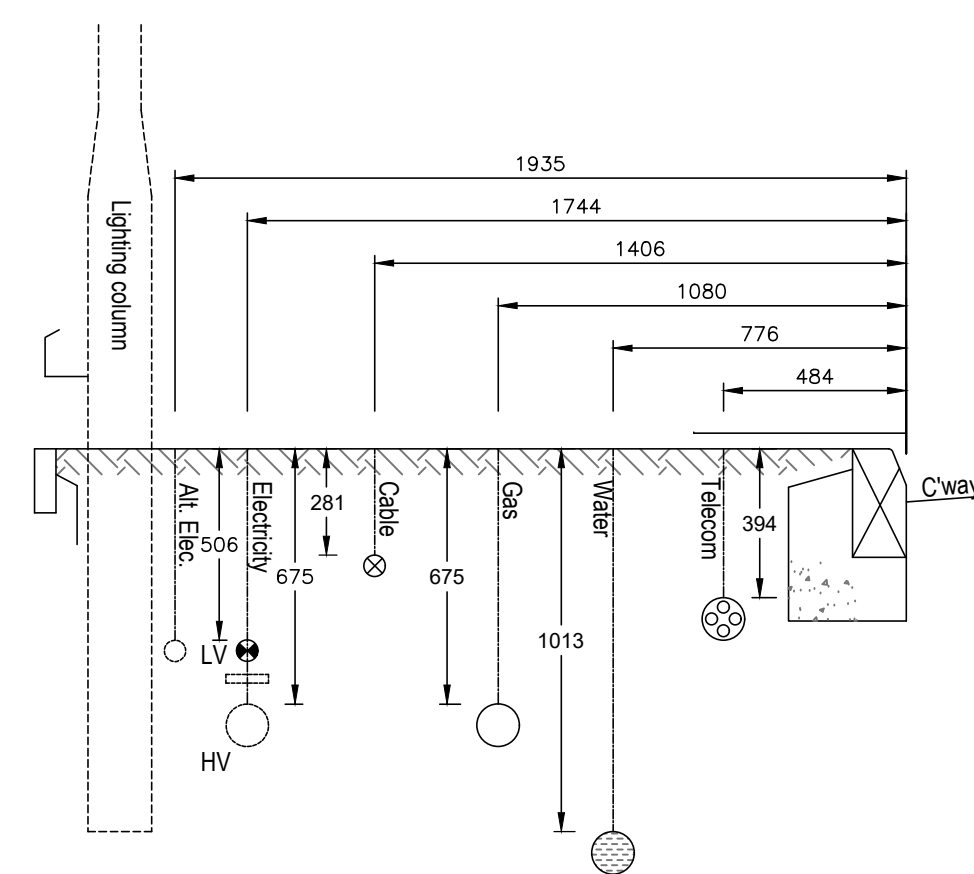
900

2 COURSES MINIMUM OF CLASS "B" 225mm
THK. ENGINEERING BRICK 10mm MORTAR
JOINTS 1:3 MIX

25mm FLEXCELL OR SIMILIAR

150mm INT. DIAM OUTLET PIPE BED
AND SURROUND WITH ST4
CONCRETE WHERE COVER IS LESS
THAN 1.2m BELOW FRL

450mm X 900mm P.C.C GULLY TO BS5911 BED
AND SURROUND WITH ST4 CONCRETE ALL TO
CL. 508 OF THE DTP SPEC



NEW CONSTRUCTION

EXISTING ROAD

NEW ROAD CONSTRUCTION TO BE MERGED IN TO EXISTING.

300 300

SURFACE COURSE AND BINDER COURSES TO LAP OVER EXISTING ROAD

GULLY DETAILS

NEW KERB DETAIL FOR EXISTING SERVICE MARGIN

125X255mm HALF BATTERED KERB

125X255/150mm HALF BATTERED DROP KERB

125X150mm BULLNOSED DROPPED KERB AT VEHICLE CROSSINGS

NOTE: ZERO UPSTAND FOR PEDESTRIAN CROSSINGS

P01	11.12.2023	PRELIMINARY ISSUE				JPR	JCM	JAP	
REV	DATE	DESCRIPTION				BY	CHK	APP	
DRAWING STATUS:									
PRELIMINARY									
CLIENT:									
CASEY									
ARCHITECT:									
JOHN MCCALL ARCHITECTS									
PROJECT:									
PALGRAVE AVENUE P500 MANCHESTER									
TITLE:									
S278 HIGHWAY DETAILS									
STATUS:	PROJECT No.	PROJECT	ORIGINATOR	VOL/SYS	LEVEL	TYPE	ROLE	DRAWING No.	REV.
S2	223-150	PAL	- AJP	- ZZ	- 00	- DR	- C	1630	P01
SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:				
1:20	JPR	JPR	JCM	JLS	DEC 2023				
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