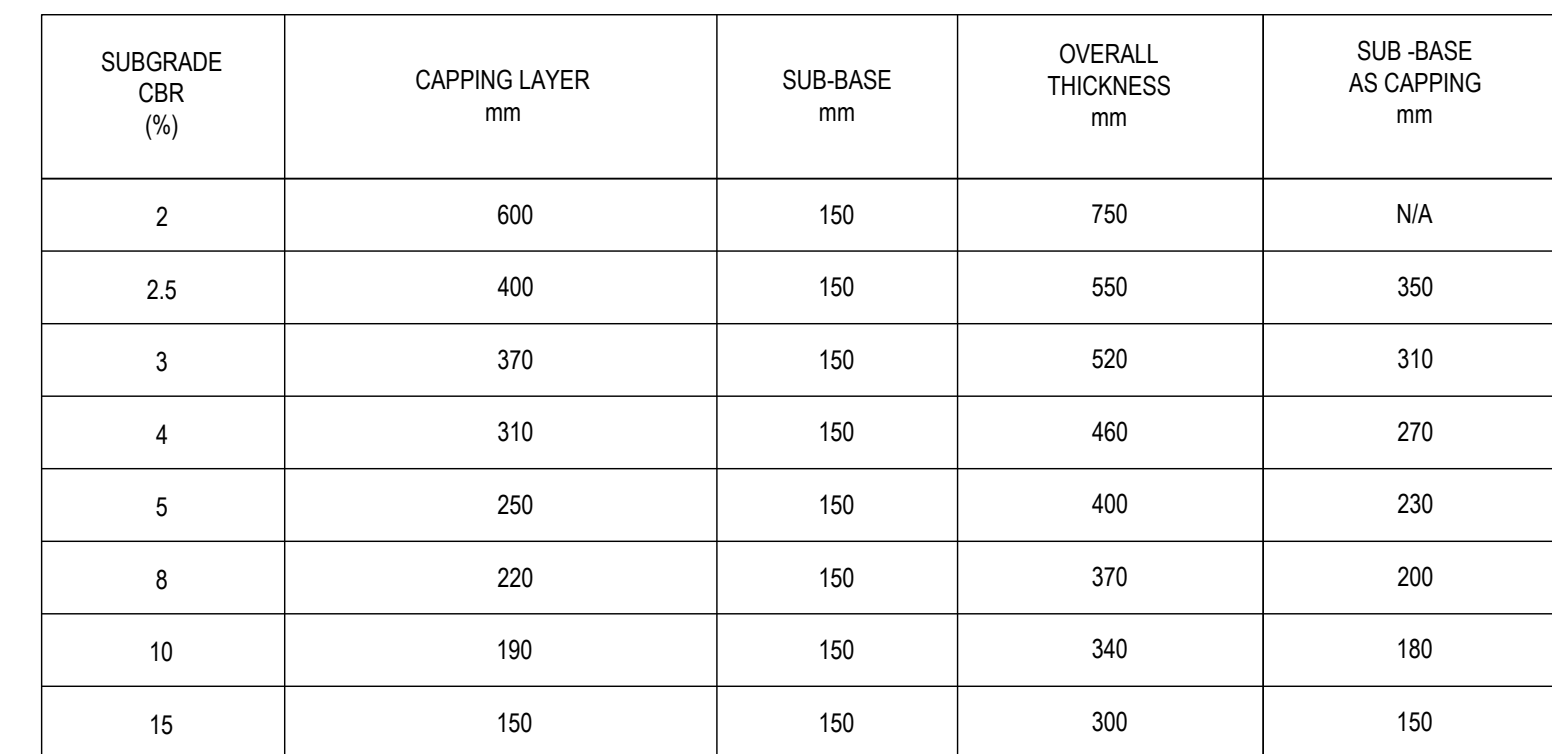




Heavy duty ductile iron gully grating and frame to be BS 479 1976 ref. Ga2 450 (EN 124 ref. D400) Single piece grating, anti-theft captive hinge, black bitumen coated. Minimum weight 31kg bedded in accordance with specification in Part 5 HA 104/02

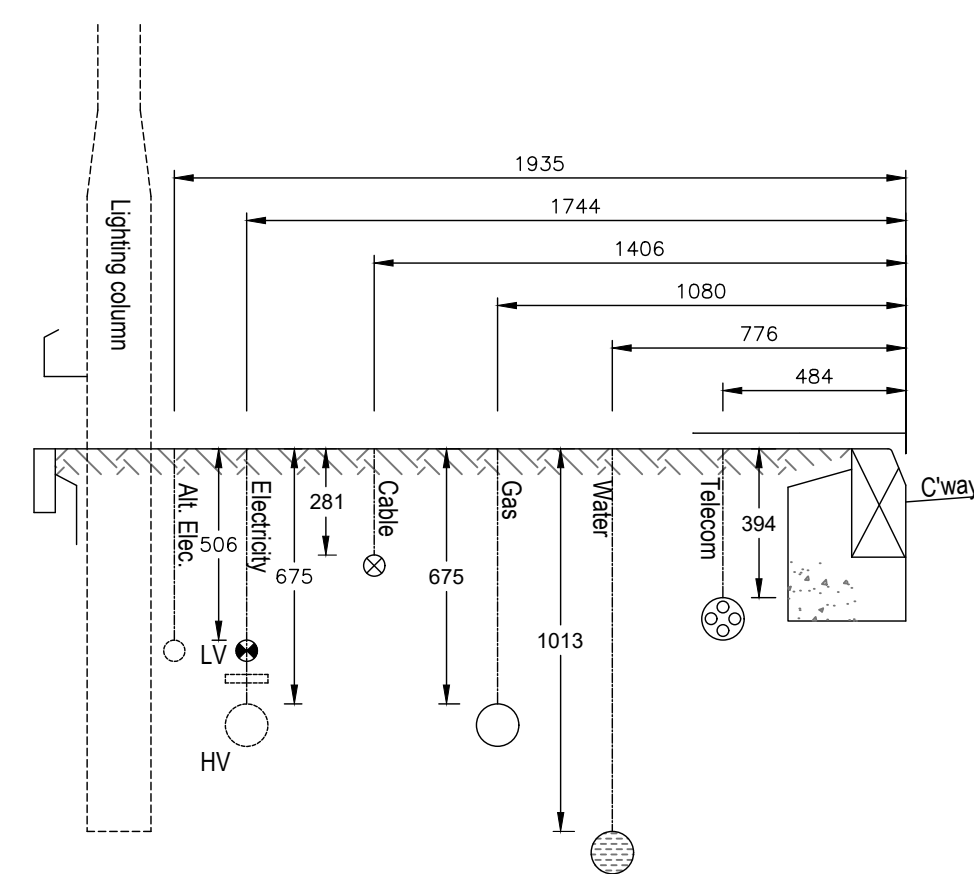
Technical drawing showing a top view and a side elevation of a gully assembly.

Top View: Shows a square frame with a central grate. Fillets to be filled and pointed with Class 1 mortar.

Side Elevation: Shows the gully structure with dimensions and material specifications:

- 450 (width of the frame)
- 900 (height of the frame)
- 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 BS6911 BED AND SURROUND WITH ST4 CONCRETE ALL TO CL. 508 OF THE DTP SPEC
- 150mm ST4 Concrete surround

Hinged & lockable gully grate and frame type GA1, grade D400 to BSEN124, 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



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

125 X 150mm
BULLNOSED KERB

EXISTING KERB & SERVICE MARGIN TO
BE REMOVED

1:40

GULLY DETAILS

CLASS 1 MORTAR TO CLAUSE 2404

350

150

20

325

CONCRETE CLASS S11

CONCRETE

NOTE: ZERO UPSTAND FOR PEDESTRIAN CROSSINGS

CLASS 1 MORTAR TO CLAUSE 2404

ST4

25

325

150

50

20

50X150mm FLAT TOP EDGING

C01	22.10.2024	RIBA STAGE 5 (CONSTRUCTION) ISSUE	JUR	JCM	JCM
P01	11.12.2023	PRELIMINARY ISSUE	JPR	JCM	JCM
REV	DATE	DESCRIPTION	BY	CHK	APP

DRAWING STATUS:

CLIENT: CASEY

ARCHITECT: JOHN MCCALL ARCHITECTS

PROJECT: QUEENS AVENUE P500
MANCHESTER

TITLE: S278 HIGHWAY DETAILS

STATUS:	PROJECT No.	PROJECT	ORIGINATOR	VOL/SYS	LEVEL	TYPE	ROLE	DRAWING No.	REV:
S2	223-151	QAV - AJP - ZZ - 00 - DR - C - 1630							C01

SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
1:20	JPR	JPR	JCM	JLS	NOV 2023