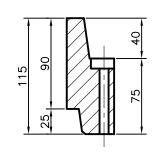
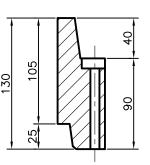


RISER	BOLT LENGTH		
HEIGHT	FOR RISER	FOR RISER	
ПЕІВПІ	ONLY	WITH COVER	
35	60	100	
60	90	130	
75	110	150	
90	115	160	





75mm RISER
MASS: 38kg

90mm RISER MASS: 44kg

RISER DETAILS

(REFER TO 35mm RISER FOR TYPICAL DIMENSIONS FOR ALL RISERS)

NOTES:

- . ALL EDGES TO BE SQUARE.
- 2. CASTING TO BE FREE OF BURRS AND PITS.
- . <u>MATERIAL</u>

DUCTILE CAST IRON
TENSILE STRENGTH: 600-3 (AS 1831)
HARDNESS: 145-185 (HB)
DESIGN LOAD = 210kN (AS 3996)
MASS = VARIES

4. TOLERANCES

CAST SIZE: ±1.00mm

ANGLE PROFILE: ±0.25°

MACHINED SIZE: ±0.125mm

OVERALL DIAMETER OF COVER: +0mm-0.25mm

DRY FILM THICKNESS (DFT) OF COATING: 50µm

- 5. MACHINE SURFACE SYMBOL: 3.2/
- 6. ALL MACHINED SURFACES SHALL HAVE A COATING APPROVED AS FIT FOR THE PURPOSE OF PROVIDING A RUST PROOF, NON-STICK AND GAS/WATER PROOF JOINT. (HAVTEC-HS1 OR SIMILAR).
- 7. FOUR (4) M8 COARSE THREAD STAINLESS STEEL BOLTS MUST BE SUPPLIED AND USED TO FIX RISER TO FRAME. WHERE COVER IS REQUIRED TO BE BOLTED DOWN, MIN. TWO EXTRA LENGTH BOLTS MUST BE USED TO SECURE COVER AND RAISER TO FRAME, WITH TWO REMAINING BOLTS SECURING RISER TO FRAME. REFER TABLE 1 FOR BOLT LENGTHS.
- 8. REFER UMS 327 FOR COVER DETAIL.
- 9. DIMENSIONS IN MILLIMETRES (UNO).

SPECIAL NOTE — ROADWAY USE COVERS, FRAMES AND 35mm RISER RINGS (MIN.)

TO BE SUPPLIED ASSEMBLED.

(RISER MUST BE USED WITH FRAME WHEN USED WITH ROADWAY MANHOLE COVER)

ISSU	E AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
Α	ORIGINAL ISSUE	April '01	May '01	June '01
В	SECTION A DIMENSIONS CORRECTED	DL 02/03	CD 02/03	BH 02/03
C	Special Note Added	DJL 02/09	GB 09/09	PC 9/09
D	Special Note & Note 4, Section 'A' Amended	DJL 12/09	GM 03/10	GB 04/10
E	Notes 7 & 8 and Table 1 Added, Section 'B' Amend.	DJL 01/12	IC 2/4/12	GB 31/5/12

DESIGN	STD DWG GROUP	DATE	April '01	<u> </u>
DRAWN	CITY DESIGN	DATE	April '01]
CHECKED	M. STEER	DATE	May '01]
DRAWING FILENAME	\UMS 326]
ASSOCIATED PLANS	SUPERSEDES WS 51-7			J
	DRAWN CHECKED DRAWING FILENAME ASSOCIATED	DRAWN CITY DESIGN CHECKED M. STEER DRAWING FILENAME ASSOCIATED SUBERSERS WS 51.7	DRAWN CITY DESIGN DATE CHECKED M. STEER DATE DRAWING FILENAME ASSOCIATED SUPERSTREES WS 51.7	DRAWN CITY DESIGN DATE April '01 CHECKED M. STEER DATE May '01 DRAWING FILENAME ASSOCIATED SUBERCEDES WS 51.7



BRISBANE CITY COUNCIL STANDARD DRAWING

RISER DETAILS (ROADWAY)

SCALE	NOT TO SCALE		
DWG No.	UMS	326	
ORIGINAL SIZE	A3	REVISION	