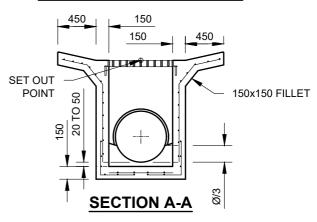


GRATE UNIT 1100 200 350 350 4 No. ANCHORS FRAME LENGHT SEE TABLE 4 No. ANCHORS 410 Y BAR 100mm LONG WELDED TO **UNDERSIDE OF** 1079 **ANGLE WITH 5**

FRAMER SEATING DETAIL



PIT TYPE	PIT TOP INTERNAL DIM		FRAME	NUMBER OF GRATE	
	LENGTH	WIDTH	LENGTH	UNITS	
1	750	1000	750	3	
2	1000	1000	1000	4	
3	1500	1000	1500	6	
4	2000	1000	2000	8	
5	2500	1000	2500	10	

GRATE FRAME

PIT, FRAME AND GRATE DETAILS



- THIS PIT IS FOR USE IN MEDIANS AND TABLE DRAINS. IT SHALL NOT BE USED IN ROADWAYS, FOOTPATHS OR BICYCLE PATHS.
- GRATE TO BE CLASS B IN ACCORDANCE WITH AS 3996 AND BIKE SAFE.
- GRATE FRAME TO BE CONSTRUCTED FROM 75x50x5mm MS ANGLE, CORNER JOINTS SHALL BE WELDED ON UNDERSIDE OF HORIZONTAL LEG AND ON THE INSIDE OF THE VERTICAL LEG WITH SIZE 5 FILLETS.
- ANCHOR SPACING NOT TO EXCEED 400mm.
- EXPOSED CONCRETE EDGES TO HAVE 10x10 CHAMFERS.
- PIT REINFORCEMENT TO BE IN ACCORDANCE WITH SD5-8 & SD5-9.
- GRATES AND FRAMES TO BE HOT DIPPED GALVANIZED STEEL.
- ALL PITS TO BE LOCATED A MINIMUM OF 1m CLEAR OF VEHICLE CROSSINGS.
- ALL SECTIONS OF GRATE TO BE BOLTED DOWN.

4	<u> </u>	4 No. ANCHORS					
(28 May, 2024)	FRAME LENGHT SEE TABLE	4 No. ANCHORS	PIT TYPE	PIT TOP INTERNAL DIM		FRAME LENGTH	NUMBER OF GRATE
∑	₩₩ '★₩	410 Y BAR		LENGTH	WIDTH		UNITS
	§ 20 h	100mm LONG	1	750	1000	750	3
dwc	WELDED TO 1079 UNDERSIDE OF		2	1000	1000	1000	4
)5-1		ANGLE WITH 5	3	1500	1000	1500	6
3\S[200	FILLET WELDS	4	2000	1000	2000	8
wings	GRATE FRAM	<u>E</u>	5	2500	1000	2500	10
Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD5-1.dwg	SECURING BOLT (SEE SD5-2 FOR DETAIL) SET OUT POINT PLAN	2. C 3. C 3. C 4. A 5. E 6. F 7. C 8. A 10. C	S: CHIS PIT CHALL NO CHICYCLE CHALL SAF CHALL SAF CHALL SECT CHALL PITS CHICLE CHICLE CHICLE CHICLE CHICLE CHICLE CHICLE CHICLE CHICLE CHICLE CHICLE CONCRE	O BE CLASS E E. RAME TO BE CORNER JOIN DE OF HORIZ TICAL LEG WI SPACING NO O CONCRETE FORCEMENT AND FRAMES TO BE LOCAT CROSSINGS. TIONS OF GRA TE STRENGT	N MEDIANS AN ROADWAY B IN ACCORD CONSTRUCT TS SHALL BE ONTAL LEG A TH SIZE 5 FII T TO EXCEE EDGES TO H TO BE IN ACC TO BE HOT FED A MINIMI	NND TABLE S, FOOTPA PANCE WIT ED FROM E WELDED AND ON THE LLETS. D 400mm. HAVE 10x10 CORDANCI DIPPED GA UM OF 1m OLTED DO AT 28 DAY	DRAINS. IT ATHS OR H AS 3996 AND 75x50x5mm MS ON HE INSIDE OF CHAMFERS. E WITH SD5-8 & ALVANIZED CLEAR OF WN. S.
	V AMENDMENTS APPROVAL DA	TE	GRATI	ED PIT		CAI	FILE: SD5-1.DWG
eerir	MINOR DRAFTING MODIFICATIONS 13-0: UPDATED TO REFLECT CURRENT STANDARDS M.BRIGANDI 21-0:	5-24 DEPRES	ESSED STEEL GRATE FOR			DRA	AWN DATE: FEB 2024
ngin		MEDIA	NS AND	/ISION: C			
name: M:\Engineering		wyndhamcity city.coost.country	45 PRINCE WERRIBEE	.5 111G11WA1	TEL: 1300 023 41 ² wyndham.vic.gov.a	I DK	AWING NO.: SD5-1
	PRINCE DE MINIO ADE MOTTO COMO						

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE

-ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED. -FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.

-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).