



SINGLE CHANNEL GRATED PIT
SM2 KERB & CHANNEL
N.T.S.

ALL DIMENSIONS IN mm

- NOTES:
- INSIDE DIMENSIONS OF CHANNEL GRATED PITS TO BE 900x600 FOR PIPES NOT EXCEEDING 450 ϕ .
 - FOR PIPE GREATER THAN 450 ϕ JUNCTION PIT TO BE HAUNCHED AS PER SD240 AND SD241.
 - PIPE CENTRELINE TO BE $\frac{1}{2}$ *PIPE ϕ + 225mm BEHIND BACK OF KERB.
 - SUBJECT TO COUNCIL APPROVAL PRECAST PITS COMPLYING WITH AS 5100 BRIDGE DESIGN AND VICROADS SPECIFICATION 705 DRAINAGE PITS MAY BE USED.
 - CHANNEL GRATES TO COMPLY WITH AS 3996, BE FITTED WITH AN APPROVED LOCKING DEVICE AND HAVE A CLEAR OPENING OF 900mm X 350mm.
 - 225mm DIAMETER SEWER GRADE PVC PIPE WHEN GAP BETWEEN CATCH PIT AND JUNCTION PIT IS LESS THAN 300mm. 225mm DIAMETER REINFORCED CONCRETE PIPE WHEN GAP IS GREATER THAN 300mm.
 - SHAPE FLOOR OF PIT TO OUTLET & RENDER FLOOR AND WALLS TO CLASS 2 FINISH (1 in 8).
 - CONCRETE STRENGTH 32 MPa AT 28 DAYS.
 - NOT APPLICABLE TO MELBOURNE WATER CORPORATION DRAINAGE ASSETS. FOR MWC WORKS REFER TO MWC LAND DEVELOPMENT MANUAL.
 - STEP IRONS TO BE PROVIDED IN ALL PITS OVER 900mm DEEP (REFER SD280).
 - FOR PIT COVER SCHEDULE, REFER SD230, SD231, SD240 & SD241.

NOT TO SCALE

AMENDMENTS			
DATE	DETAILS	INITIALS	
NOV 2022	INITIAL HUME STANDARDS UPDATE	T.D	
DEC 2024	HUME STANDARDS UPDATE	N.H	

SINGLE CHANNEL GRATED PIT
SM2 KERB & CHANNEL

VERSION: A DRAWING NO: SD215