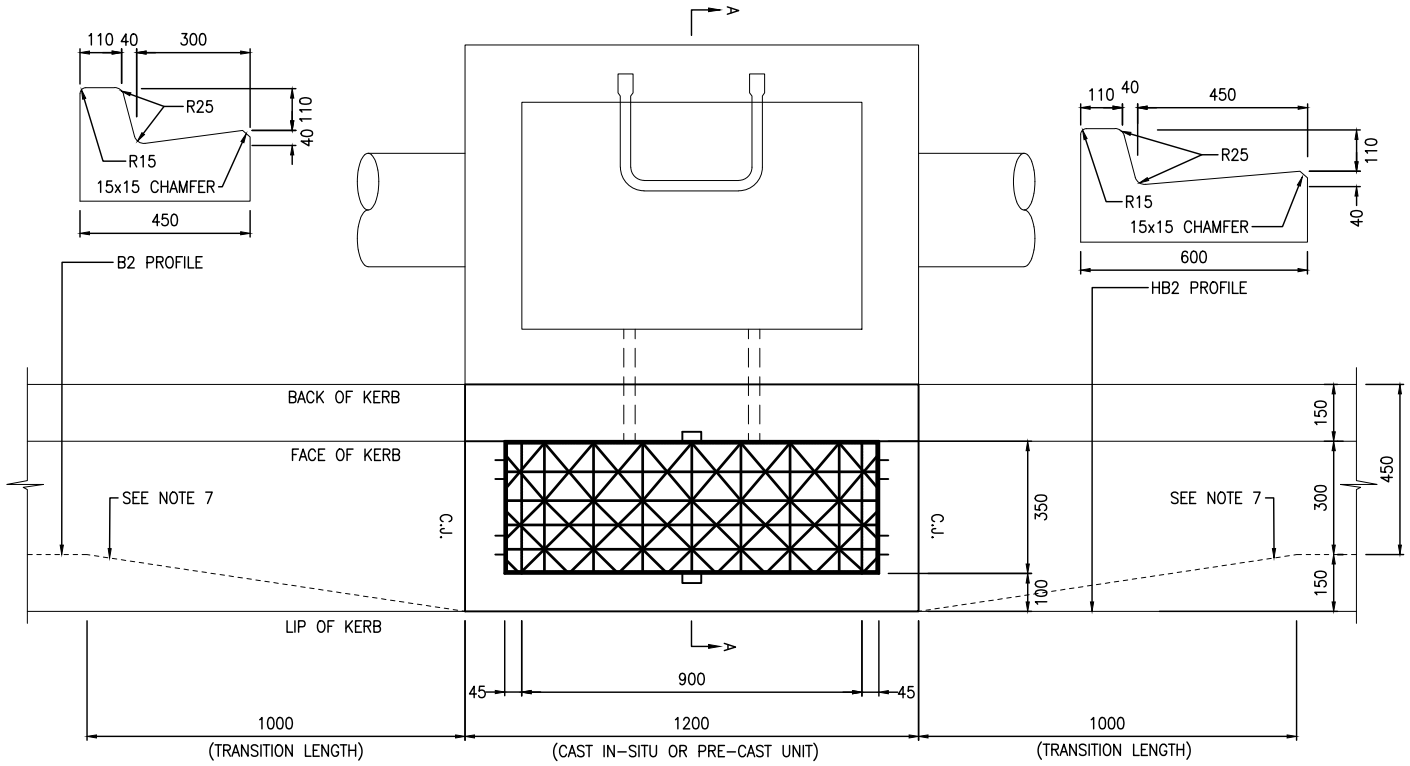
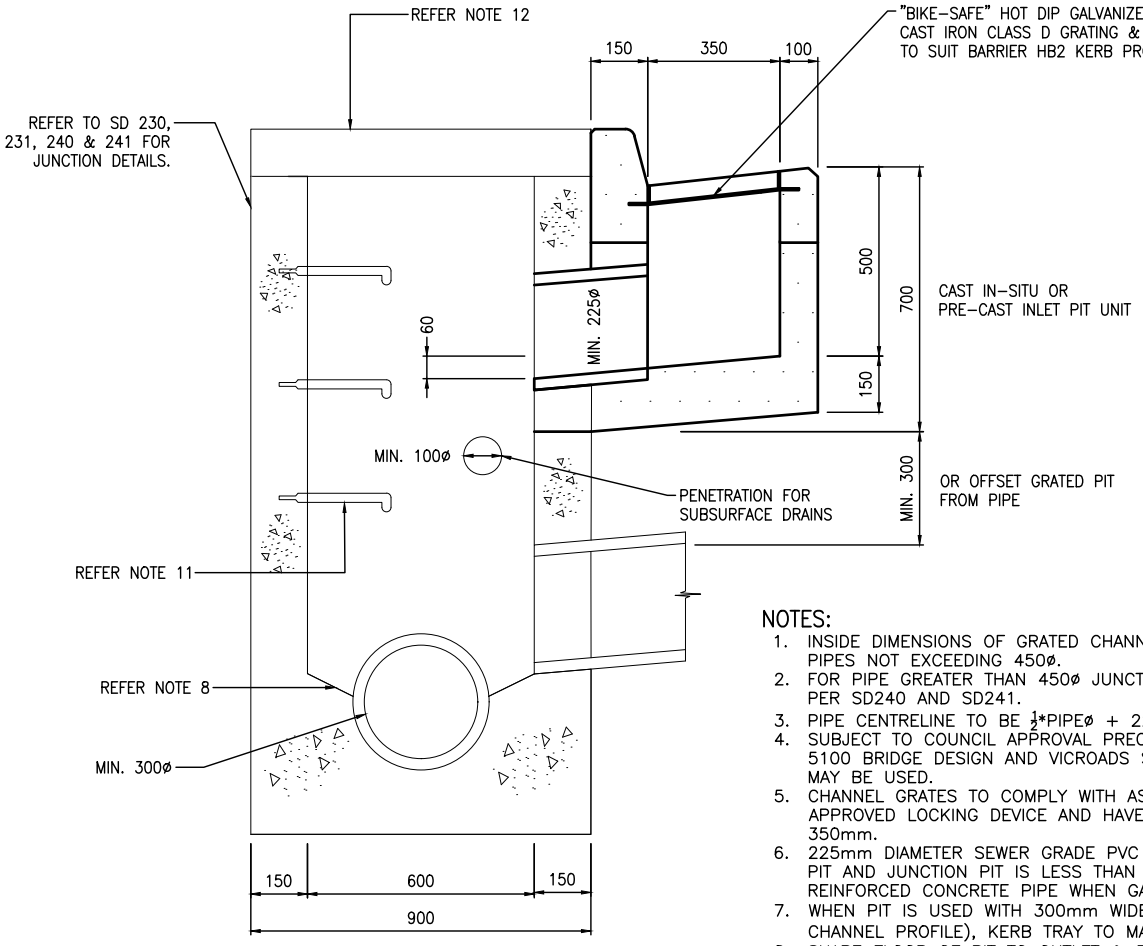


PLAN



SECTION A – A

SINGLE CHANNEL GRATED PIT HB2/B2 KERB & CHANNEL

N.T.S.

ALL DIMENSIONS IN mm

NOTES:

1. INSIDE DIMENSIONS OF GRATED CHANNEL PITS TO BE 900x600 FOR PIPES NOT EXCEEDING 450ø.
2. FOR PIPE GREATER THAN 450ø JUNCTION PIT TO BE HAUNCHED AS PER SD240 AND SD241.
3. PIPE CENTRELINE TO BE ½*PIPEø + 225mm BEHIND BACK OF KERB.
4. SUBJECT TO COUNCIL APPROVAL PRECAST PITS COMPLYING WITH AS 5100 BRIDGE DESIGN AND VICROADS SPECIFICATION 705 DRAINAGE PITS MAY BE USED.
5. CHANNEL GRATES TO COMPLY WITH AS 3996, BE FITTED WITH AN APPROVED LOCKING DEVICE AND HAVE A CLEAR OPENING OF 900mm X 350mm.
6. 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.
7. WHEN PIT IS USED WITH 300mm WIDE KERB TRAY–FLARE (B2 KERB & CHANNEL PROFILE), KERB TRAY TO MATCH WIDTH OF PIT.
8. SHAPE FLOOR OF PIT TO OUTLET & RENDER FLOOR AND WALLS TO CLASS 2 FINISH (1 in 8).
9. CONCRETE STRENGTH 32 MPa AT 28 DAYS.
10. NOT APPLICABLE TO MELBOURNE WATER CORPORATION DRAINAGE ASSETS. FOR MWC WORKS REFER TO MWC LAND DEVELOPMENT MANUAL.
11. STEP IRONS TO BE PROVIDED IN ALL PITS OVER 900mm DEEP (REFER SD280).
12. FOR PIT COVER SCHEDULE REFER SD230, SD231, SD240 & SD241.

NOT TO SCALE

	AMENDMENTS			
DATE	DETAILS	INITIALS	HUME CITY COUNCIL	SINGLE CHANNEL GRATED PIT HB2/B2 KERB & CHANNEL
NOV 2022	INITIAL HUME STANDARDS UPDATE	T.D		
DEC 2024	HUME STANDARDS UPDATE	N.H	VERSION: A	DRAWING NO: SD210