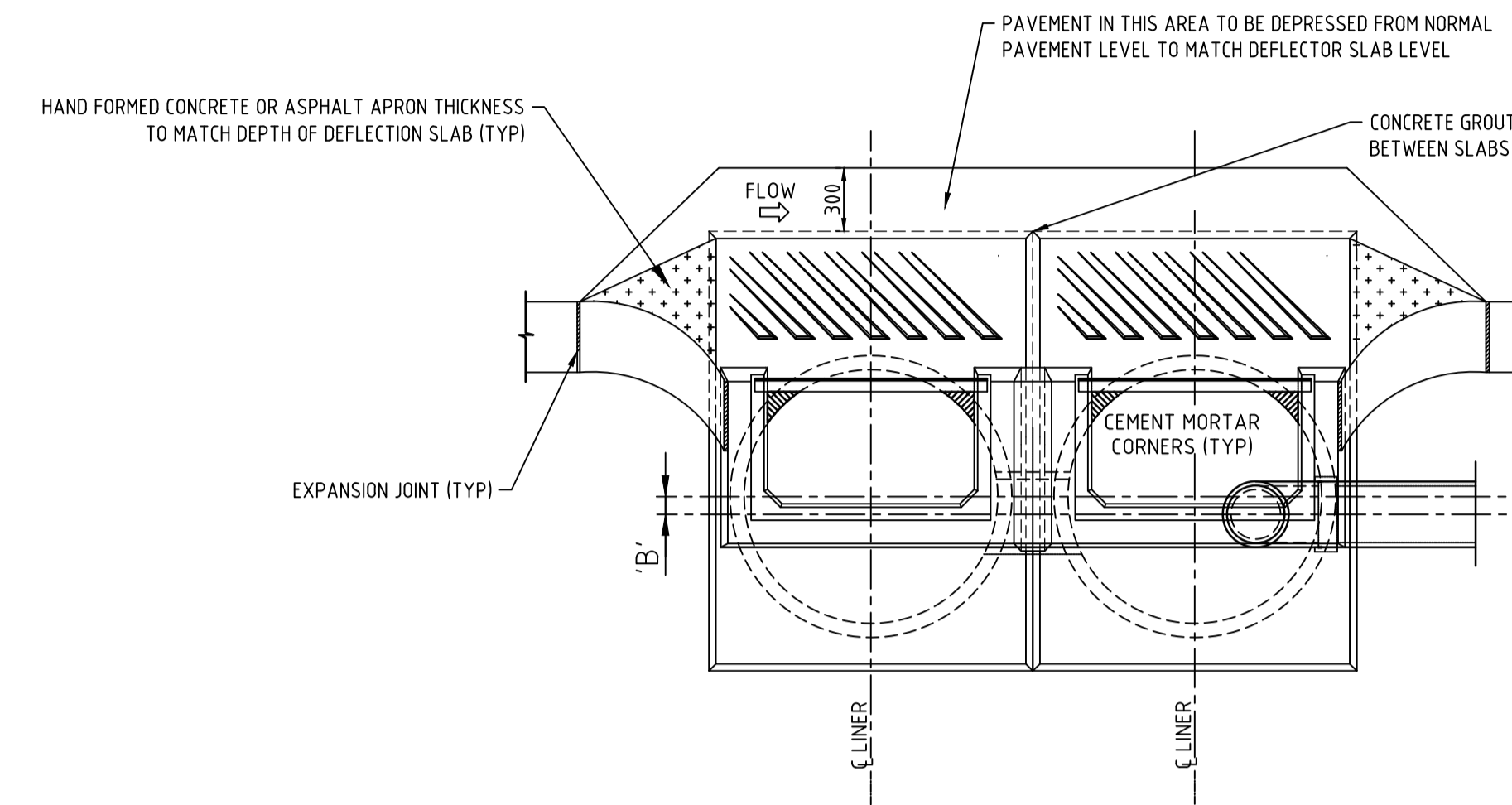


SINGLE SIDE ENTRY PIT
N.T.S.

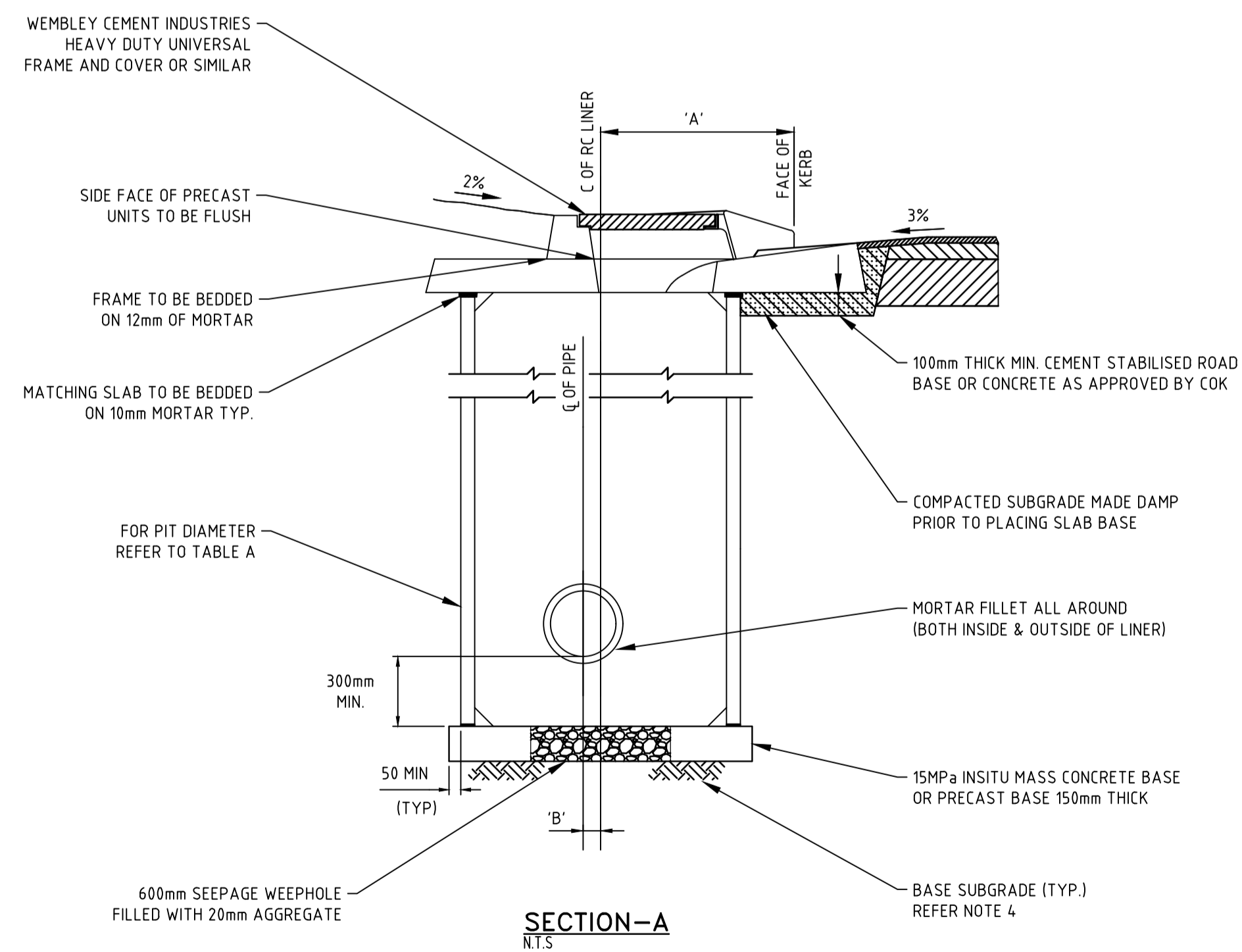


DOUBLE SIDE ENTRY PIT
N.T.S.

TABLE A

PIPE SIZE	CHAMBER/LINER	'A'	'B'
φ225 - φ450	φ1050 ONLY	830	70
φ525 - φ675	φ1200 ONLY	900	0
φ750	φ1200	830	220
φ900	φ1500	830	370

THE ABOVE TABLE IS APPLICABLE WHERE PIPES INTERSECT AT CENTRE TO CENTRE AND AT 90°. OTHER ANGLES OF INTERSECTION MUST BE AS PER MANUFACTURES REQUIREMENTS.



SECTION-A
N.T.S.

DRAINAGE NOTES:

- CONCRETE TO BE 20mm NOM AGGREGATE AND HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 20MPa FOR INSITU BASE AND 40MPa FOR PRECAST UNITS.
- STEP IRONS TO BE INSTALLED IN PITS WHERE THE DEPTH FROM COVER TO TOP OF BASE EXCEEDS 1200mm.
- PIPE JOINTS WITHIN 1.0m OF PIT TO BE SEALED.
- SUBGRADE TO BASE TO BE COMPACTED TO 95% M.M.D.D PRIOR TO PLACING OF BASE.
- BACKFILL SURROUNDING PIT TO BE TO 95% M.M.D.D.
- ALL PITS TO HAVE 600mm WEEP HOLE.
- ALL PITS TO BE TRAPPED WITH MINIMUM 300mm DEPTH BELOW PIPE INVERT.
- KERBS OTHER THAN MOUNTABLE AS SHOWN TO BE SIMILARLY TREATED BY MAINTAINING WIDTH AROUND SWEEPS AND GRADING DOWN TO COVER TOP OF FRAME.
- PIPES TO BE FINISHED FLUSH WITH INSIDE OF LINER AND MADE GOOD WITH MORTAR.
- AT LOW POINTS USE OPPOSING LEFT AND RIGHT HAND DEFLECTORS SO AS TO INTERCEPT FLOW FROM BOTH DIRECTIONS.
- AT LOW POINTS USE FLAT APRON IN LIEU OF DEFLECTION SLAB.
- PIPE SETOUT LINE CORRESPONDS WITH SETOUT DIMENSIONS FROM ROAD RESERVE BOUNDARY AS SHOWN ON DRAINAGE LAYOUT DRAWINGS.
- THE CLEAR OPENING BETWEEN APRON SURFACE AND BOTTOM OF COVER IS 120mm.
- THE MAX. DEVIATION ACROSS THE FACE OF OPENING IS + 2mm.
- EDGE OF DEFLECTOR SLAB 15mm BELOW NORMAL PAVEMENT LEVEL.

REV	DATE	DESCRIPTION	DRAWN
C	05/17	BRICK CHAMBER MANHOLE REMOVED & DRAFTING AMENDMENTS	J.M
B	09/12	CITY OF KWINANA LOGO ADDED	J.M
A	04/09	ADOPTED BY TOWN OF KWINANA	V.K

ASSOCIATE CONSULTANT:



PROJECT: **STANDARD DETAILS TYPICAL SIDE ENTRY PIT**

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SCALE: **N.T.S (A1)**

DESIGN: **S.S** CHECK: **R.N**

DRAWN: **J.M** DATE: **05/17**

AUTHORISED (MANAGER ENGINEERING SERVICES): **R.NAJAFZADEH**

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