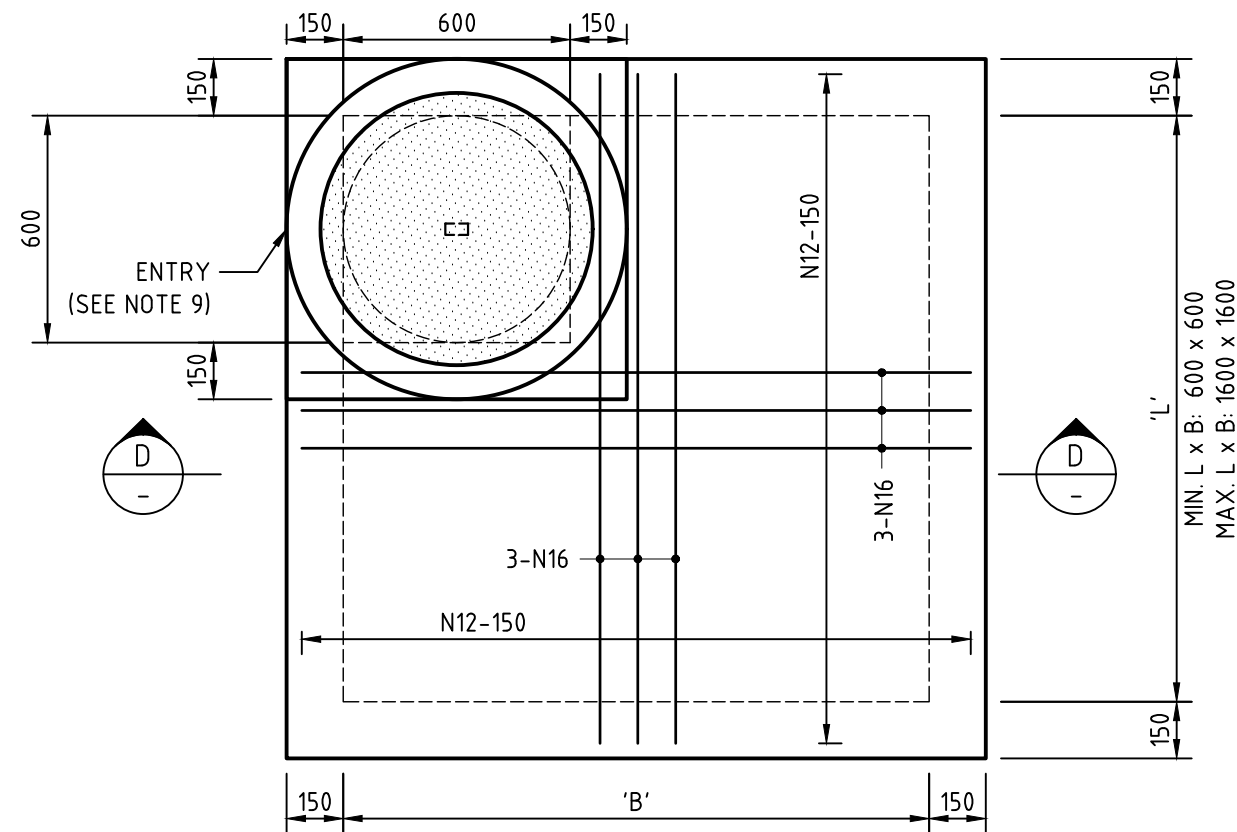
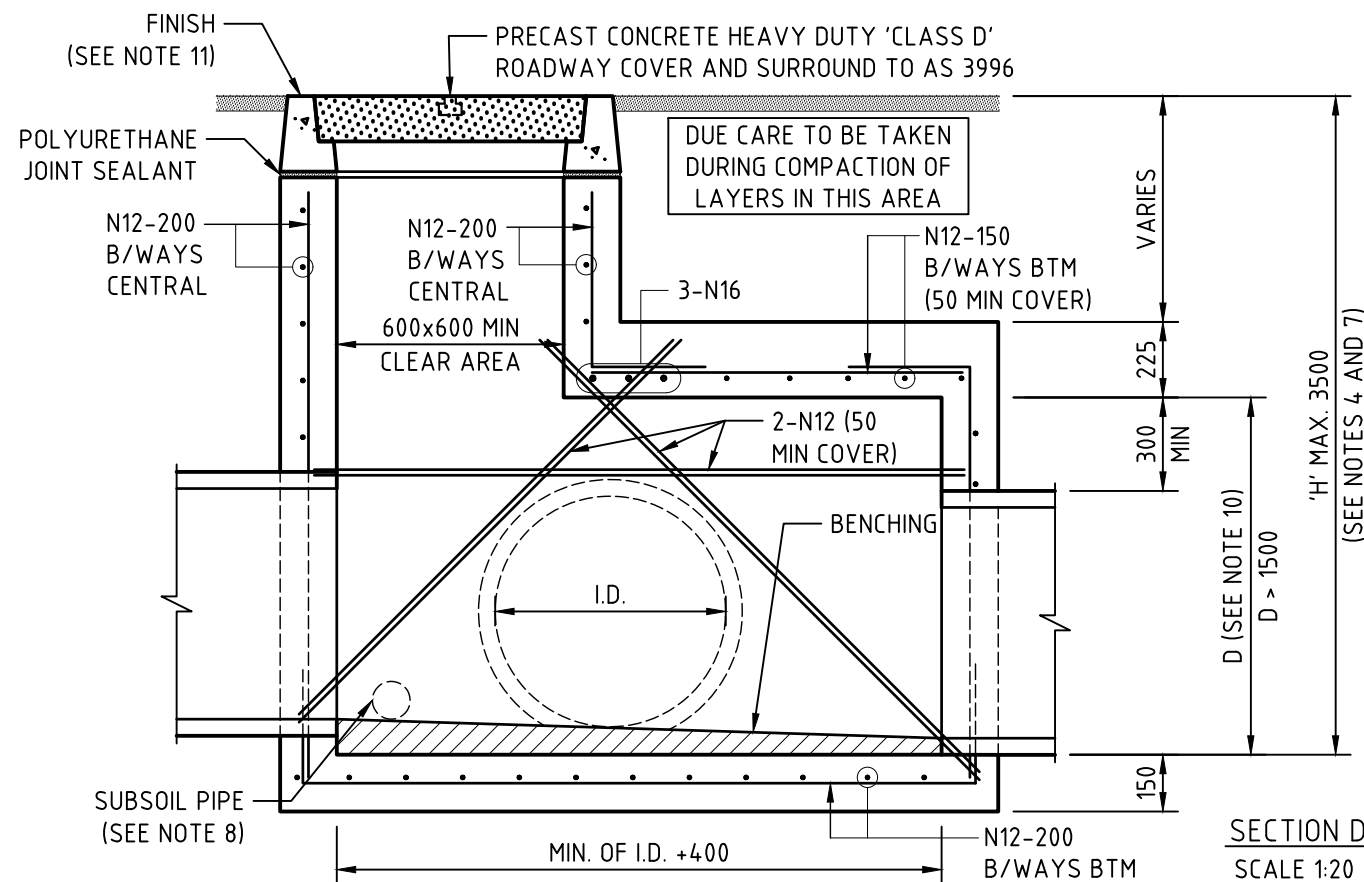




PLAN PIT TYPE JP4

SCALE 1:20

MULTIPLE PIPES AND/OR PIPES UP TO 1200 DIAMETER
(PIPES OMITTED FOR CLARITY)



SECTION D
SCALE 1:20

NOTES

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH COUNCIL'S INFRASTRUCTURE SPECIFICATIONS.
2. ALL DIMENSIONS ARE IN MILLIMETRES.
3. DRAWING NOT TO SCALE.
4. PITS DEEPER THAN 600 TO BE FITTED WITH STEP IRONS AT 300 CENTRES TO AS1657.
5. CONCRETE FOR UNREINFORCED PITS:
 - 25 MPa GRADE N25:80:10 IN ACCORDANCE WITH AS1379 AND AS3600.
- CONCRETE FOR REINFORCED PITS:
 - 32 MPa GRADE N32:80:10 IN ACCORDANCE WITH AS1379 AND AS3600.
6. STEEL REINFORCING BARS AND FABRIC TO COMPLY WITH AS/NZS4671 GRADE D500N.
7. FOR DETAILS OF CONCRETE AND STEEL REINFORCEMENT FOR PITS GREATER THAN 1.5 METERS IN DEPTH SEE TABLE A.
8. MIN 90 ϕ SN20 SUBSOIL DRAINAGE PIPE 3000 LONG WRAPPED IN FABRIC SOCK WITH END CAP TO BE PROVIDED ADJACENT TO INLET PIPES.
9. POSITION ENTRY TO BEST SUIT SITE CONSTRAINTS AND POSITIONING OF STEP IRONS.
10. DIMENSION 'D' TO BE A MINIMUM OF I.D. +300. PIT TYPE JP4 MAY BE UTILIZED WHEN D > 1.5 METERS.
11. CONCRETE FINISHES:
 - ALL PEDESTRIAN OR TRAFFICABLE AREAS TO BE NON-SLIP WOOD FLOAT OR BROOM FINISH WITH ALL EXPOSED EDGES ROUNDED TO 5 RADIUS. OTHER EXPOSED SURFACES TO BE OFF STEEL FORM QUALITY.
12. FOUNDING MATERIAL TO ACHIEVE A MINIMUM ALLOWABLE BEARING CAPACITY OF 150KPa.

TABLE A: SCHEDULE OF TRAFFICABLE PITS

'H' MAX DEPTH (M)	'L' & 'B' MAX WIDTH/LENGTH (M)	SECTION	CONCRETE GRADE	CONSTRUCTION METHOD
1.2	1.2	150 THICK WALLS UNREINFORCED	25MPa	INTERNAL FORMWORK ONLY WITH HAND VIBRATION
1.5	1.2	150 THICK WALLS UNREINFORCED	25MPa	INTERNAL AND EXTERNAL WALL FORMWORK WITH MECHANICAL VIBRATION
3.5	1.6	150 THICK WALLS REINFORCED AS DETAILED BELOW	32MPa	INTERNAL AND EXTERNAL WALL FORMWORK WITH MECHANICAL VIBRATION

REINFORCEMENT DETAILS: SL92 FABRIC CENTRAL OR N12-200 B/WAYS.
HORIZONTAL BARS TO BE CENTRALLY PLACED.
RETURN STEEL INTO BASE BY 200 MIN.
PROVIDE 200 MIN. LAP AT WALL/WALL CORNERS
PROVIDE 50 MIN COVER TO REINFORCEMENT

ACKNOWLEDGEMENT:
PORT STEPHENS COUNCIL ACKNOWLEDGES THE ASSISTANCE OF THE CITY OF NEWCASTLE IN THE DEVELOPMENT OF THIS DRAWING.

SR PCG - STANDARDS REVIEW PROJECT CONTROL GROUP
ASM - ASSET SECTION MANAGER

Date	Amendment	Rev	By	Approved
12.05.26	ISSUED FOR CONSTRUCTION	0	SR PCG	ASM



Project:	STANDARD DETAILS
EDRMS No:	PSC2016-01993-005
Drawing Title:	JUNCTION PIT WITH ROUND CONCRETE ACCESS COVER TYPE JP4

APPROVED

SHEET No:

SW-111

Revision:

0

Date:

12.05.26

Sheet Size: A3