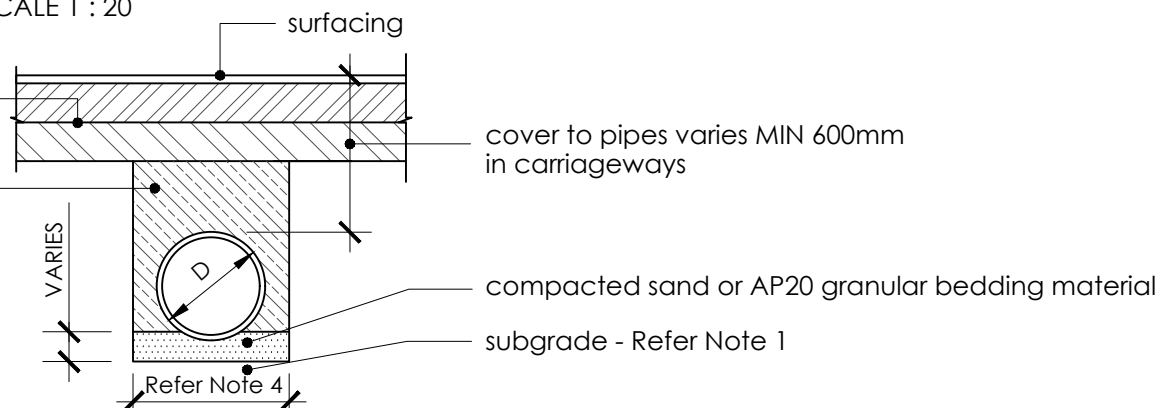


**J** TYPICAL PRECAST MANHOLE  
SCALE 1 : 20

Existing new pavement  
Refer to pavement drawings  
for pavement construction

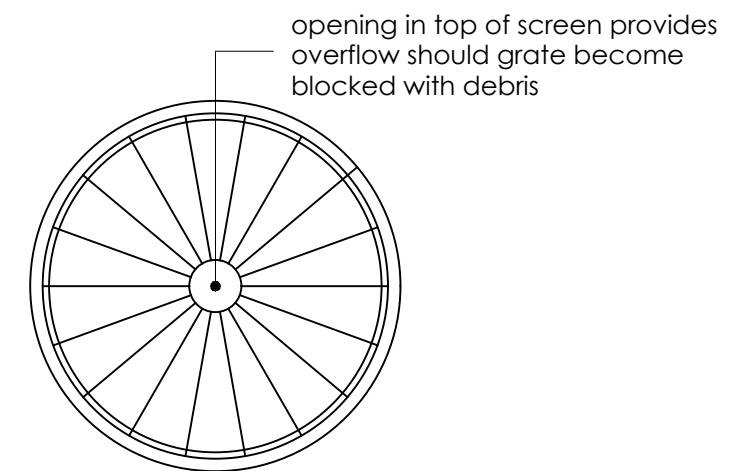
GAP40 hardfill to be  
compacted in 150mm  
layers - Refer Notes 2 & 3



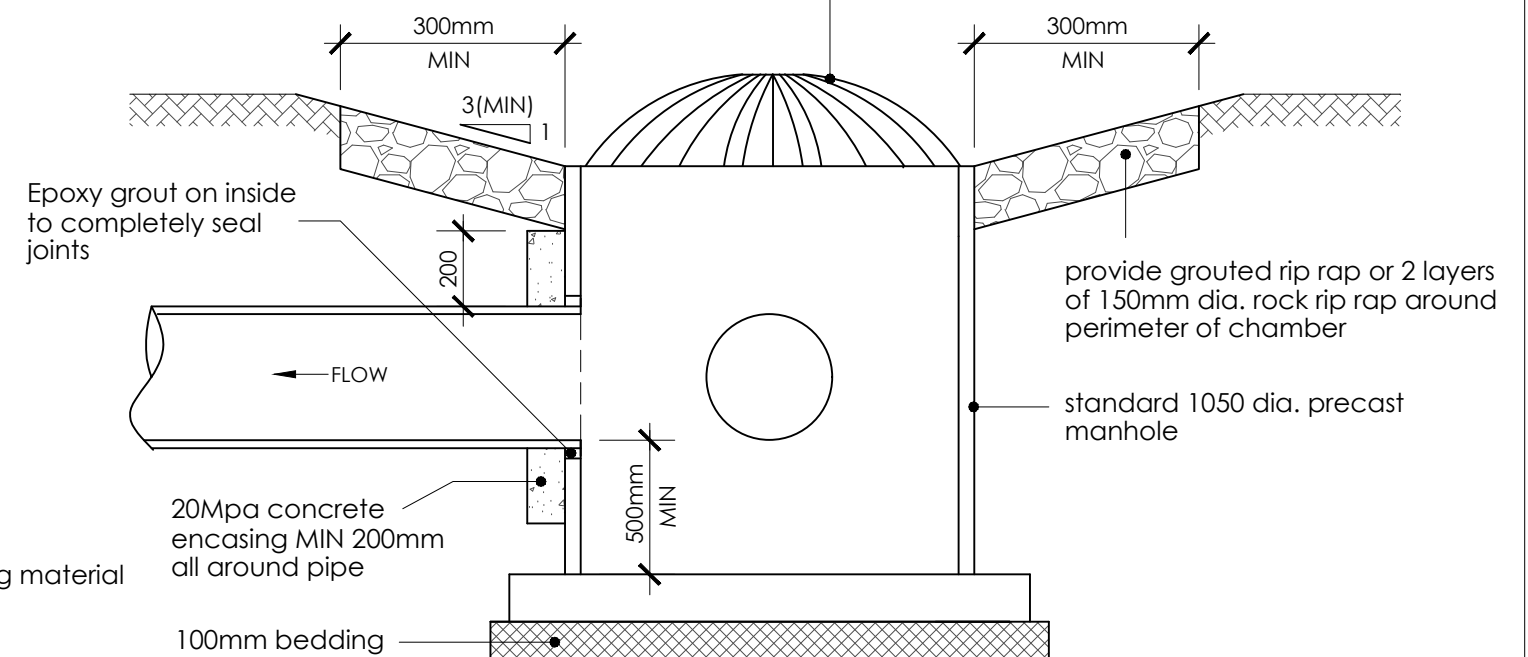
**K** TYPICAL PIPE TRENCH UNDER PAVEMENT  
SCALE 1 : 20

#### NOTES:

1. Where unsuitable material is encountered in trench invert, the material shall be excavated to depth as defined by the engineer and replaced with clean sand or GAP65 placed in maximum 150mm layers.
2. Compacted hardfill in pipe trench and around structures shall achieve 95% M.D.D in accordance with TNZ B/2.
3. All material and compaction requirements for backfilling, including bedding, haunch and side zones are to meet the requirements outlined in the drainage specification and AS/NZS 3725:2007 for installation of concrete pipes.
4. Generally, maximum trench width to be D+300 for  $D \leq 600$  and D+600 for  $D > 600$ .



type 2 debris control screen  
(MHD050S Hynds or equal)



**L** STANDARD SCRIFY DOME CHAMBER  
SCALE 1 : 20

REVISION	BY	APP'D	DATE	NOTES
A - For Tender			FEB 2018	



PROJECT TITLE  
RAROTONGA ROAD IMPROVEMENT PROJECT – POKOINU TO ARORANGI

DRAWING TITLE  
TYPICAL STORM WATER DRAINAGE DETAILS

DESIGNED: G. Clayton	DATE: 08.01.18	CHECKED: T. Mana	DATE:
DRAWN: J. Akaruru	DATE: 26.02.18	APPROVED: Secretary, ICI	DATE:
CLIENT NAME: ICI	SCALES: As Shown	DWG No. 10041 - C18 - 627	SHT No. 03 OF 04