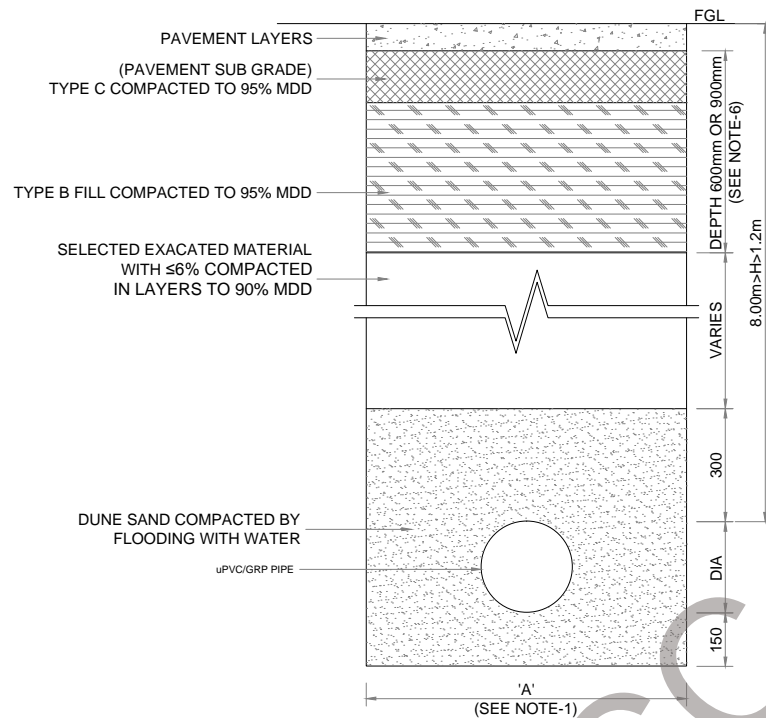
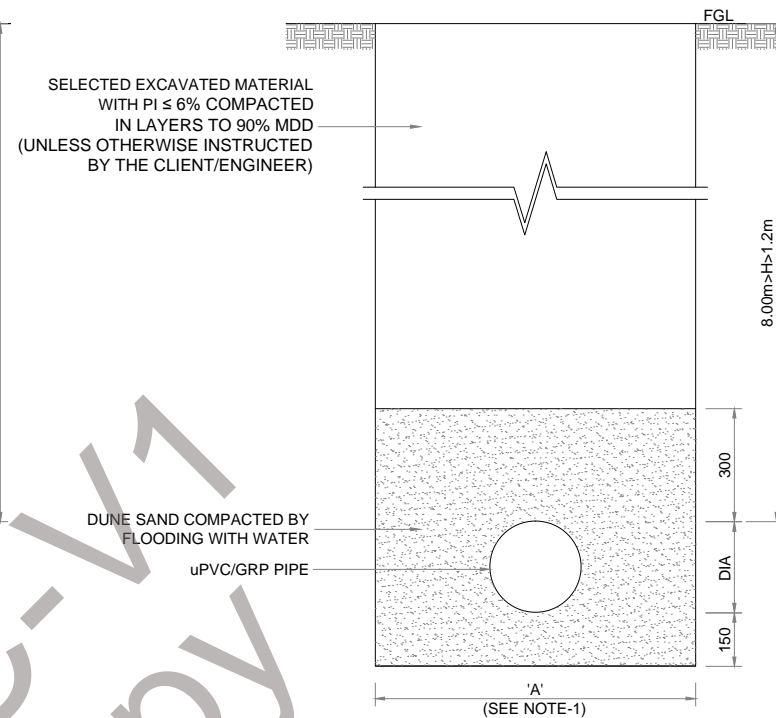


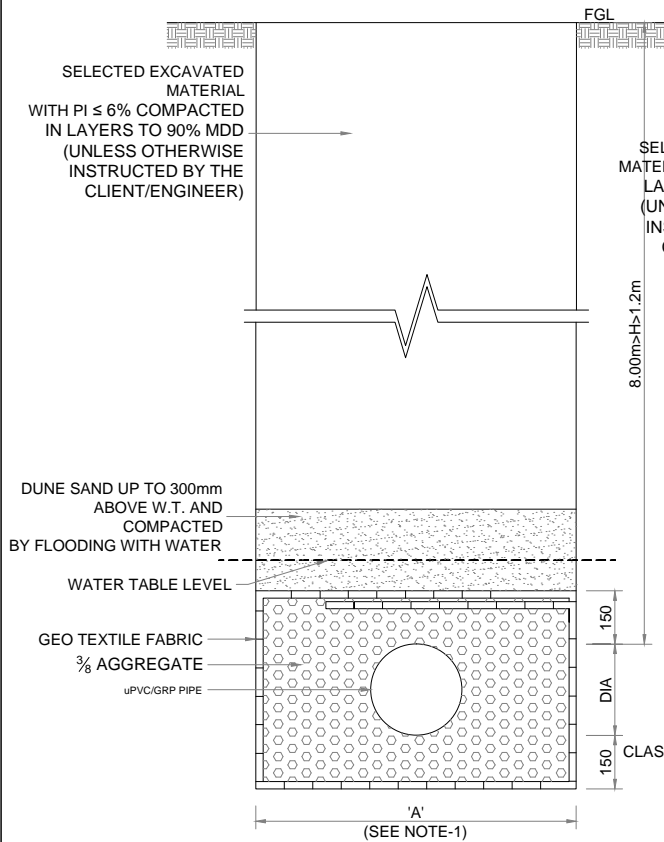
UNDER ROAD INCLUDING
FOOTPATH / SHOULDER & VERGE
DETAIL - 1



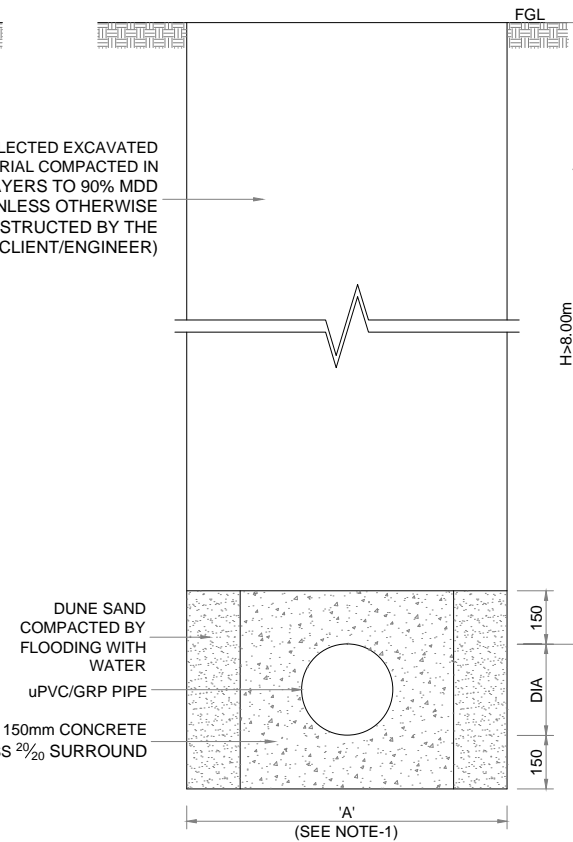
UNDER ROAD INCLUDING
FOOTPATH / SHOULDER & VERGE
DETAIL - 2



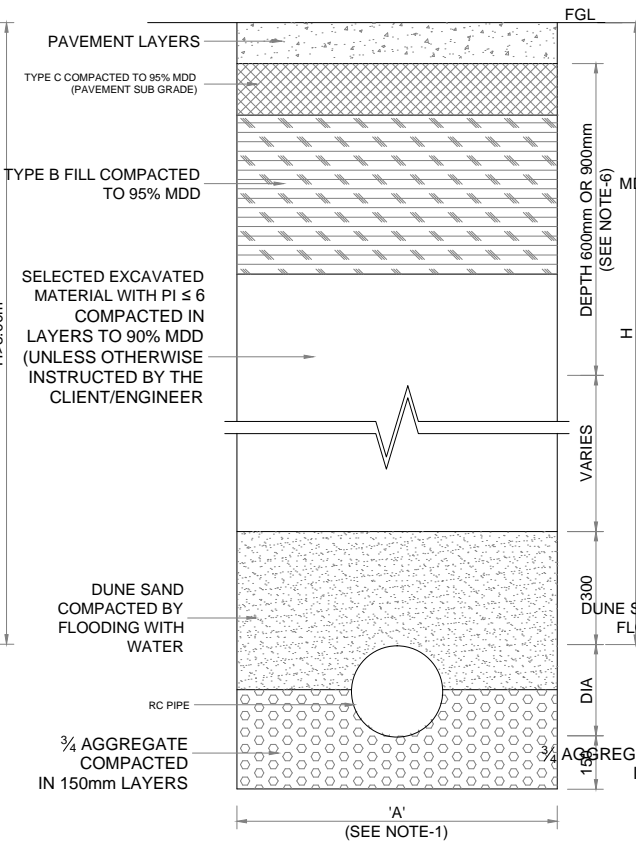
OUTSIDE ROAD
DRY TRENCH
DETAIL - 3



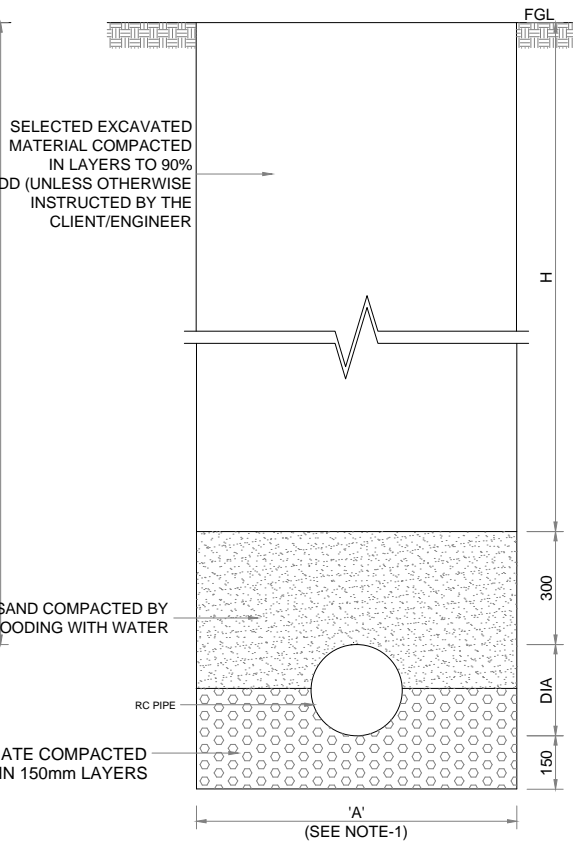
OUTSIDE ROAD
WET TRENCH
DETAIL - 4



OUTSIDE ROAD
CONCRETE SURROUND
DETAIL - 5



UNDER ROAD INCLUDING
FOOTPATH & VERGE/SOULDER
DETAIL - 6



OUTSIDE ROAD
RC PIPE BED AND SURROUND
DETAIL - 7

NOTES:

- MINIMUM TRENCH WIDTH 'A' SHOULD BE:
 - OD+0.6m FOR PIPES OF NOMINAL DIAMETERS UP TO 600mm
 - OD+0.8m FOR PIPES OF NOMINAL DIAMETERS 700mm AND ABOVE
- TO AVOID CONCRETE PROTECTION THE CROWN OF PIPE SHOULD BE MINIMUM 1.2m FROM THE FINISHED ROAD LEVEL (UNLESS INSTRUCTED OTHERWISE)
- THE ENGINEER'S/CLIENT'S PRIOR APPROVAL SHALL BE TAKEN BY THE CONTRACTOR FOR THE PIPE PROTECTION AND SPECIFIC BACKFILLING AS REQUIRED.
- THE REQUIRED COMPACTION OF DUNE SAND USED FOR BEDDING & SURROUND OF PIPES SHALL BE ACHIEVED WITH HYDRAULIC COMPACTION BY FLOODING WITH WATER.
- THE SELECTED EXCAVATED MATERIAL, ACCEPTED FOR TRENCH BACKFILL, SHALL BE LAID IN SPECIFIED LAYERED THICKNESS AND COMPACTED TO 90% OF ITS MDD.
- THE TYPE-B MATERIAL (IMPORTED OR AVAILABLE FROM TRENCH EXCAVATION) FOR TRENCH BACKFILL UP TO BOTTOM LEVEL OF PAVEMENT SUB-GRADE SHALL BE LAID IN 150mm THICK LAYERS AND COMPACTED TO 95% OF ITS MDD FOR THE BELOW GIVEN DEPTHS:
 - 900mm FROM THE TOP LEVEL OF PAVEMENT SUB-GRADE FOR TRENCHES UNDER EXISTING ROADS, FOOTPATHS, SHOULDERS AND VERGES.
 - 600mm FROM THE TOP LEVEL OF PAVEMENT SUB-GRADE FOR TRENCHES UNDER THE PROPOSED NEW ROADS, FOOTPATHS, SHOULDERS & VERGES.
- THE BACKFILL & BEDDING SHOWN IN THIS DRAWING IS COMMONLY USED IN AL AIN CITY.

F.G.L FINISHED GROUND LEVEL

AACM - DRAWINGS

REFERENCE DRAWINGS AND DOCUMENTS

No.	REVISIONS	APP'D	DATE
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CLIENT

TITLE
STANDARD DRAWINGS
AL AIN REGION

DRAWING TITLE
SURFACE DRAINAGE
TRENCH BACKFILL DETAILS FOR
DIFFERENT DEPTH OF PIPES

DRAWN	-	SCALE	N.T.S
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	N-225