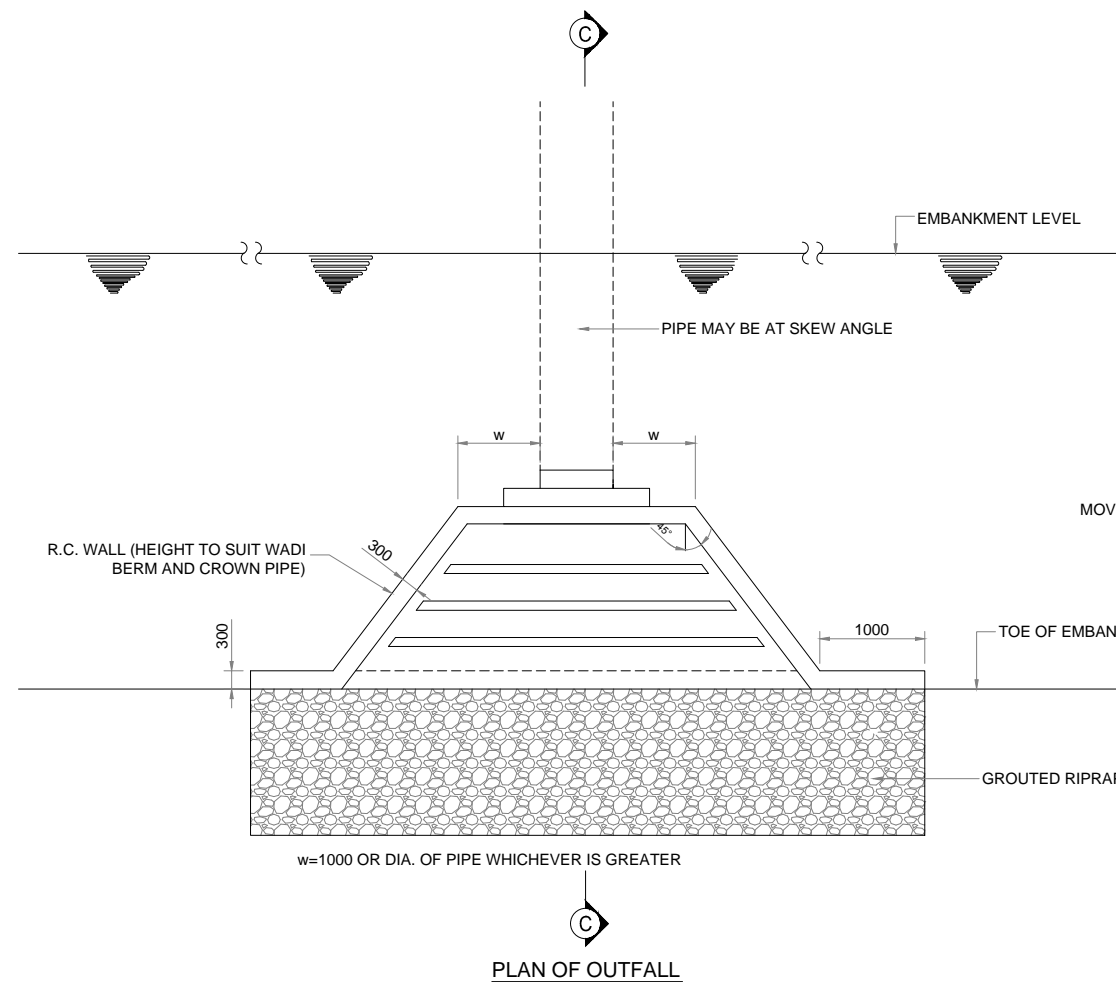


STORMWATER DRAINAGE OUTFALL (TYPE-1)  
FOR PIPE DIA < 400mm



STORMWATER DRAINAGE OUTFALL (TYPE-2)  
FOR PIPE DIA 400mm AND ABOVE

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
  - ALL COVER SLAB'S TO BE 250mm THICK.
  - NUMBER OF INCOMING PIPES & DIA. VARIES FROM c1 TO c3.
  - WHERE PIPES ARE BUILT INTO STRUCTURES OR MANHOLES, THE FLEXIBLE JOINTS SHALL BE POSITIONED FROM OUTSIDE OF THE STURCTURE THUS UNLESS OTHERWISE RECOMMENDED BY THE MANUFACTURER.
  - DIA. OF PIPES ARE GIVEN THE NOMINAL DIAMETER.
  - EXTERNAL SURFACE OF MANHOLE SHALL BE PROTECTED WITH BRUSH APPLIED A PAINT SYSTEM TO THE SPECIFICATION.
  - ALL CONCRETE TO BE CLASS  $40_{20}$  UNLESS OTHERWISE STATED.
  - PROPER CONSTRUCTION JOINTS REQUIRED FOR DIFFERENT STAGE OF CONCRETING SHALL BE PROVIDED TO ENGINEER'S APPROVAL.
  - STEEL REINFORCEMENT TO BE GRADE 460 (BS4449).
  - MINIMUM COVER TO CONCRETE REINFORCEMENT TO BE 50mm.
  - IN CASE OF HIGH WATER TABLE, THE WATER PROOFING MEMBRANE WITH 25mm SCREED SHALL BE USED ON TOP OF THE CONCRETE BLINDING OF BASE SLAB.

FLEXIBLE JOINT		
PIPE DIA.	1st FLEXIBLE JOINT	2nd FLEXIBLE JOINT
UP TO 300	150 MAX.	500 MAX. FROM 1st JOINT
OVER 300 UP TO 600	300 MAX.	2x PIPE DIA. MAX FROM 1st JOINT
OVER 600	600 MAX.	1200 MAX. FROM 1st JOINT

## 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  
OUTFALL DETAILS

DRAWN	-	SCALE	N.T.S. @ A1
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	N-227