

LEGENDS

Stormwater drain pipework

Pressurised Stormwater drain pipework

Existing Stormwater drainage

Stormwater Manhole

Stormwater stacks
(n - stack number ; Ø... - stack diameter)

Pressurised stacks
(n - stack number ; Ø... - stack diameter)

Ventilation stacks
(n - stack number ; Ø... - stack diameter)

Flow Direction

Floor Gully

Overflow

Free discharge

Roof gutter (RG)

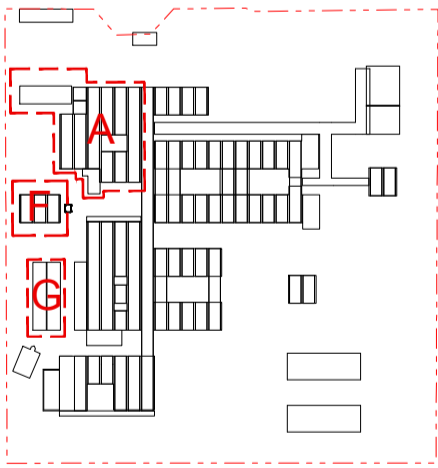
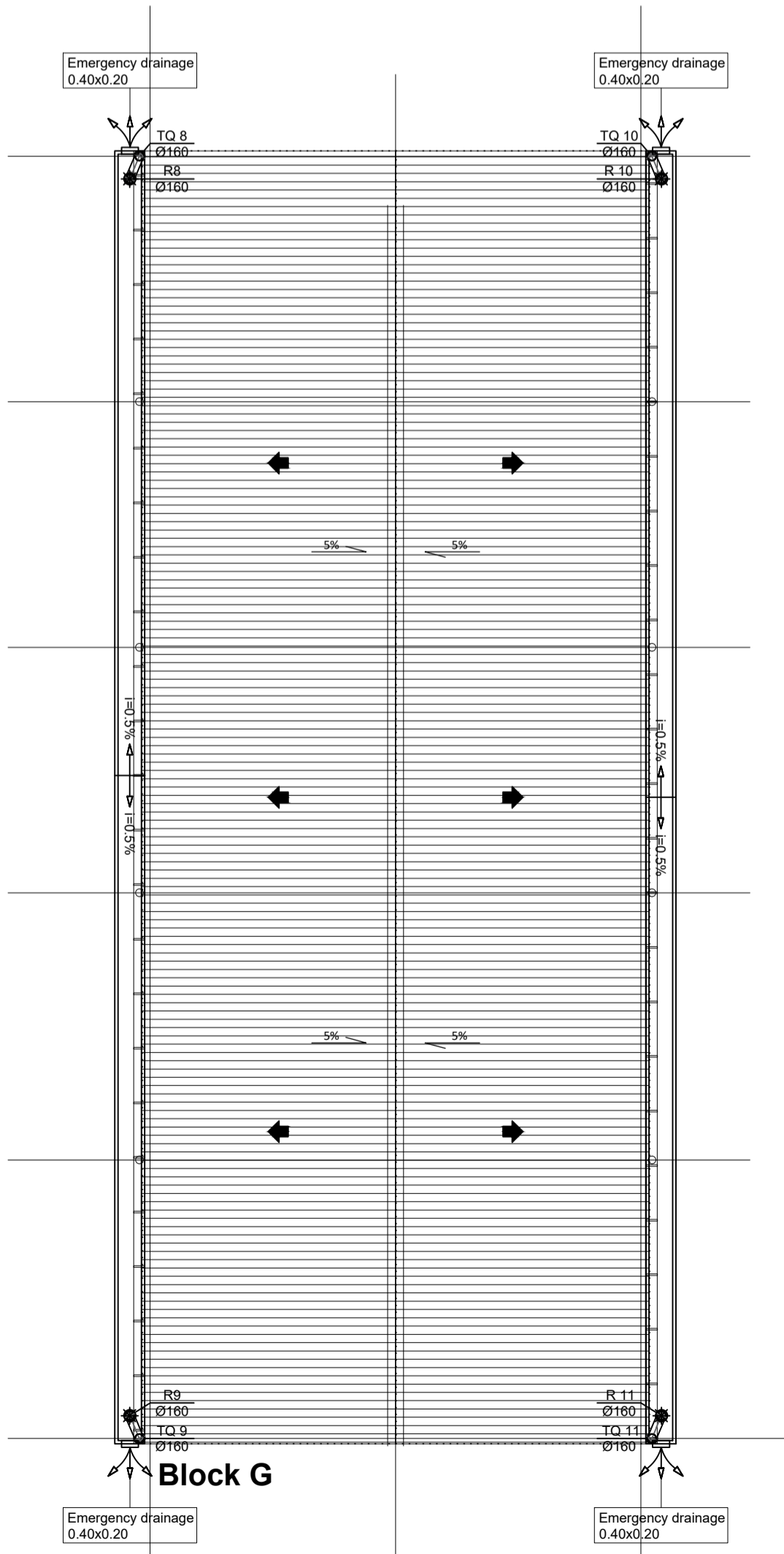
Stormwater lifting station




① Ø... ③ i=...% ② ④

#MH n°...
CL=...
IBL=...
Ø... ou Ø...
ILH=...
ILO=...

MATERIALS

All gravity drain pipes will be carried out by PVC-U, in accordance with the standard NP EN 1329.
All compression pipes will be carried out by High density polyethylene pipes (HDPE) PN10 PE80.
Manhole covers will be made of cast iron. Inside the building covers shall be recessed, to receive the same finishing as the surrounding floor.
Where trenches depth is such that the drains cover is less than 1.00m and subjected to traffic load, they shall be reinforced according with the proper detail.



REVISION	DATE	IN CHARGE	
COMPANY TITLE		in cooperation with:	
 ampc ARCHITECTURAL MANAGEMENT CONSULTANTS		 	
PROJECT NAME			
Rehabilitation of the Saudi Maternity Hospital Kassala Health Citadel Sudan			
TECHNICAL PROJECT Hydraulic STORM WATER DRAINAGE			
PROJECT STATUS DETAILED DESIGN			
DRAWING NAME Roof - Blocks A, F and G			
DATE	LAYOUT ID		
2020/03/06	PLT.006		
DRAWING SCALE 1/100			
HSD.01.PLT.006			