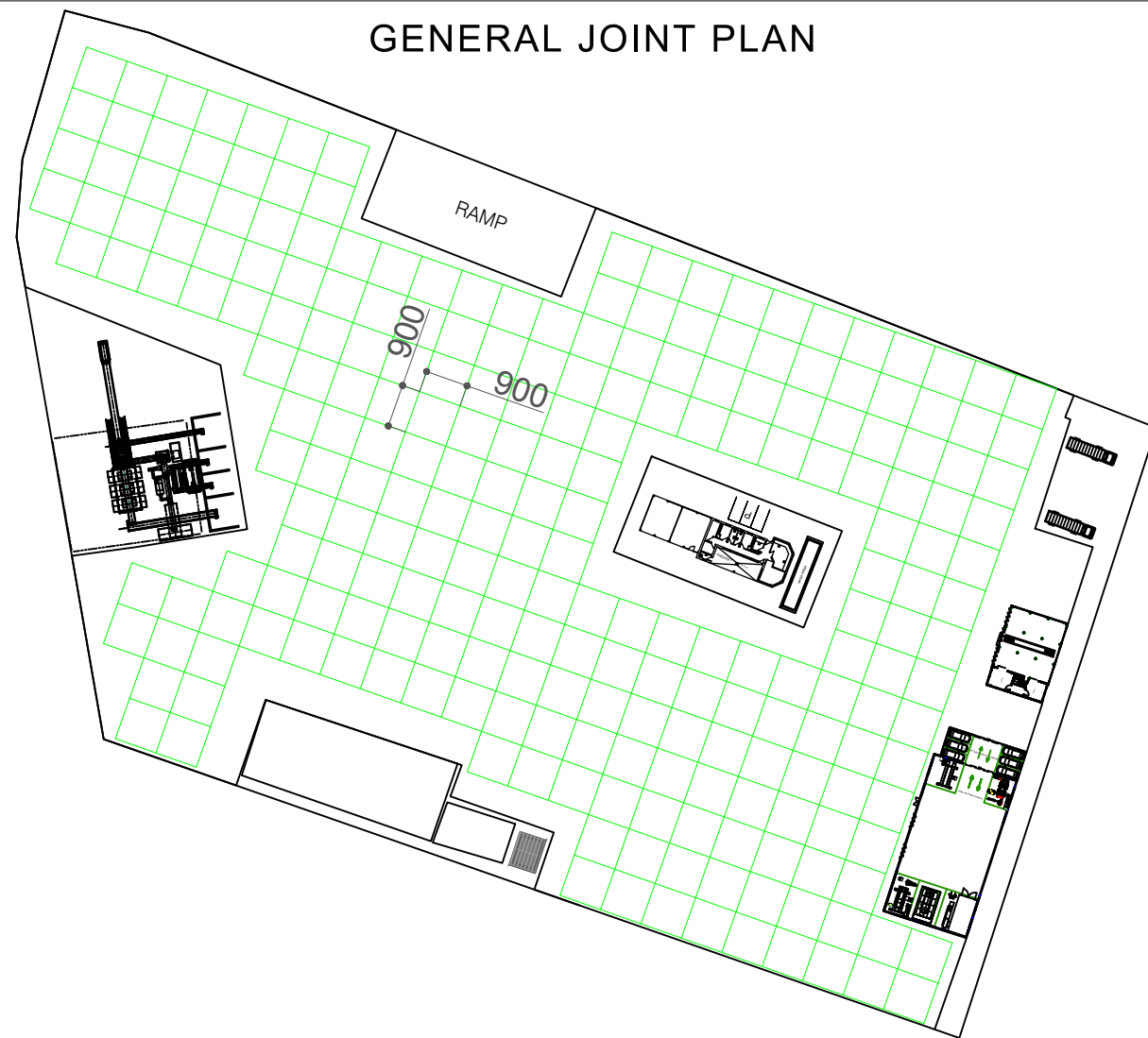
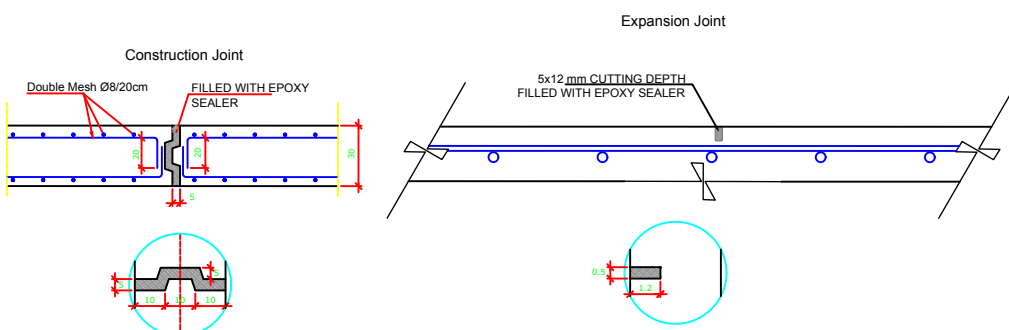
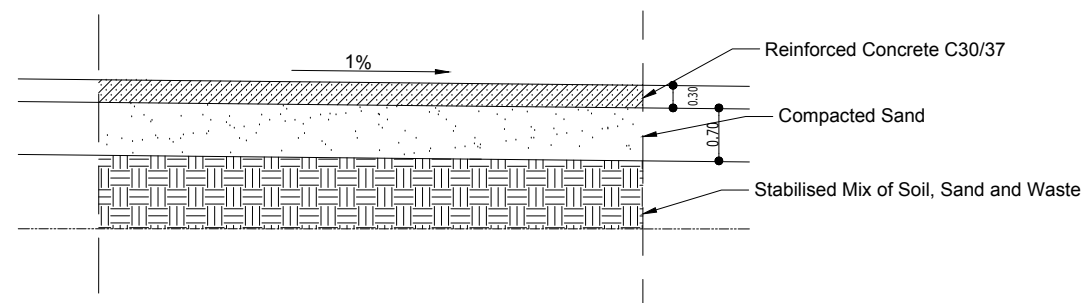


## GENERAL JOINT PLAN



— CONSTRUCTION JOINT  
— EXPANSION JOINT

- 1- JOINTS SHOULD CONTINUE ALL OVER CONCRETE.
- 2- ALL JOINTS SHOULD BE FILLED WITH EPOXY SEALER.
- 3- DURING CONCRETING PROCEDURE, THESE JOINTS SHOULD BE DONE WITH POLYESTER.



### Technical Notes:

Structural elements are calculated and designed with following characteristics:

**Foundation:** Foundations are designed with plinths:

- Concrete C-30/37 ( $f_{ck}=30000\text{N/m}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement S460A ( $f_{yk}=460\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.15$

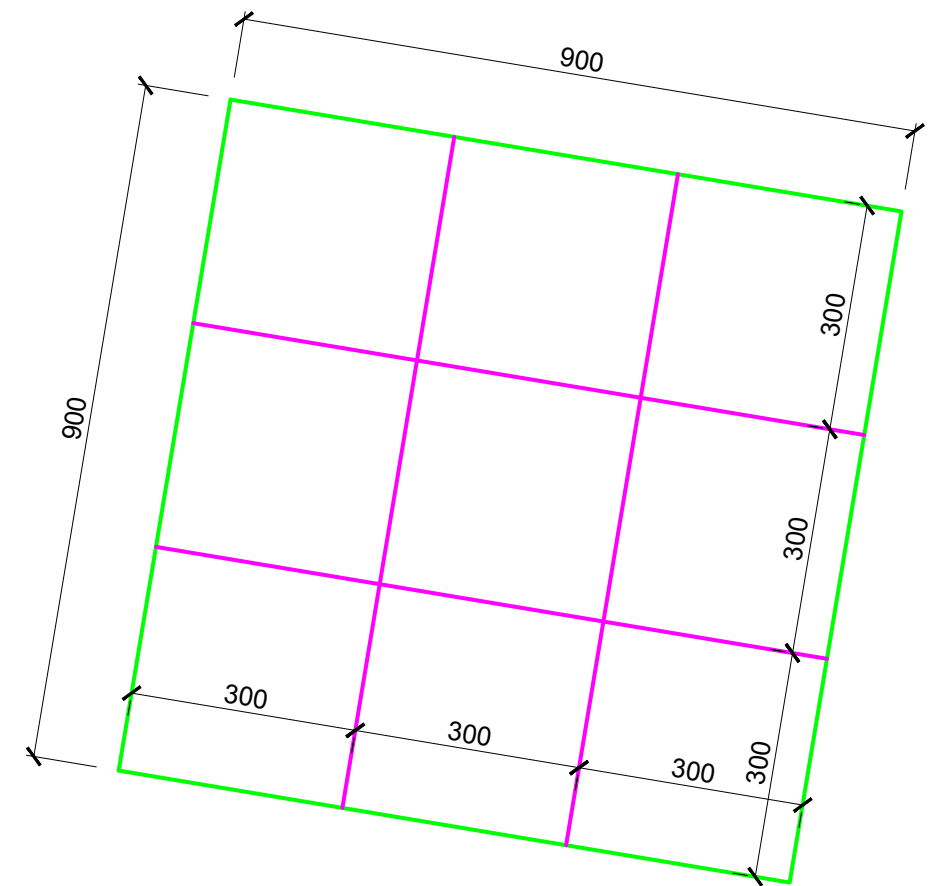
**Concrete Walls:** All walls are designed with:



- Concrete C-30/37 ( $f_{ck}=30000\text{N/m}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement S460A ( $f_{yk}=460\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.15$


**Concrete Slab:** Slabs are designed with:

- Concrete C-30/37 ( $f_{ck}=30000\text{N/m}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement S460A ( $f_{yk}=460\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.15$

## JOINT PLAN



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Designed	Kasdarli / Gajurel / Gipp		May 2018	
Drafted	Deubel		May 2018	
Checked	Kasdarli / Gajurel / Gipp		May 2018	
Project No.	213 - 68524			

Client <b>Ministry of Environment and Energy</b> 			
Project Title		Consultancy Services for Feasibility Study for an Integrated Solid Waste Management System for Zone III (including Greater Malé) and Preparation of Engineering Design of the Regional Waste Management Facility at Thilafushi	
Design phase		Detailed Design Harbour Rehabilitation	
Contents		Carriageway General Joint Plan / Joint Plan	
Scale		1 : 150, 1 : 5	
Drawing No.		7.1.0	Paper A3