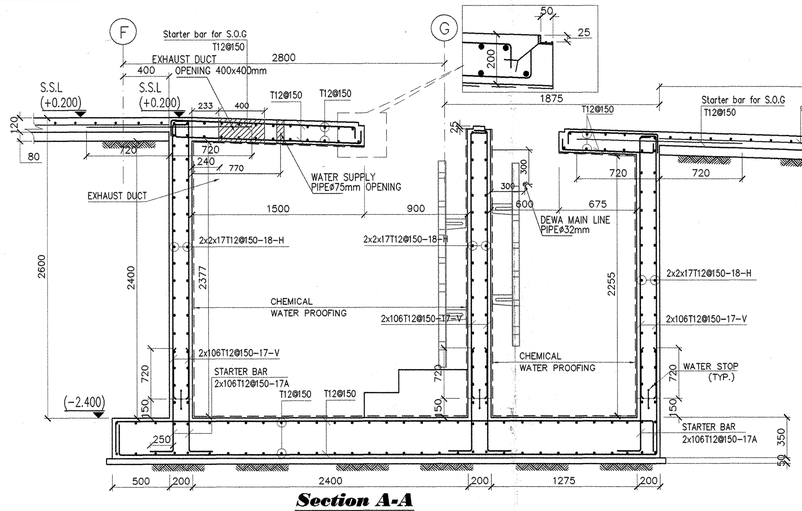
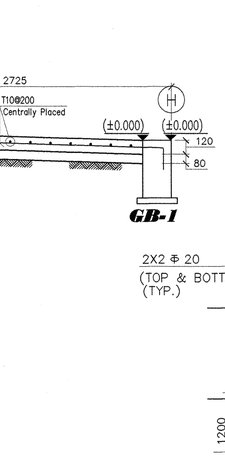
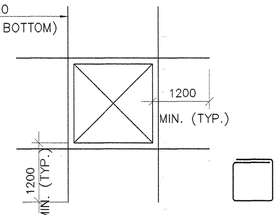


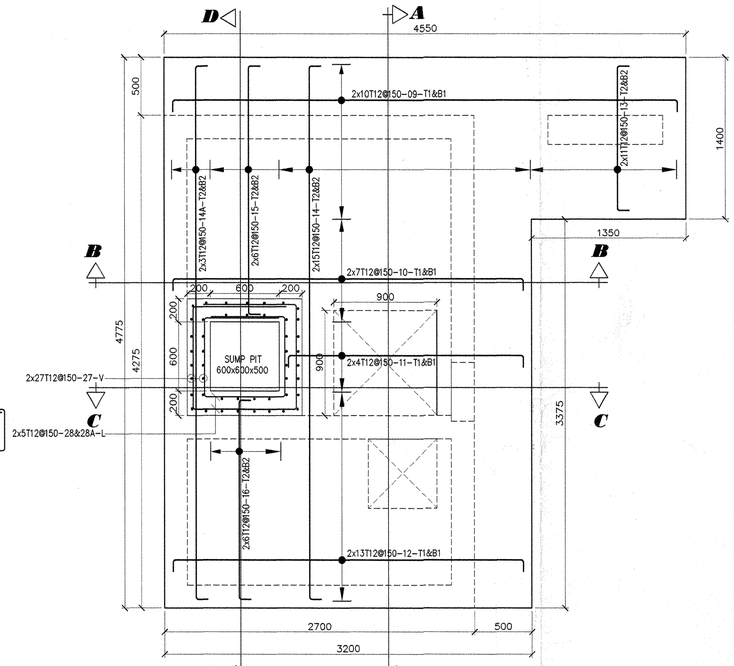
Section A-A



GB-1

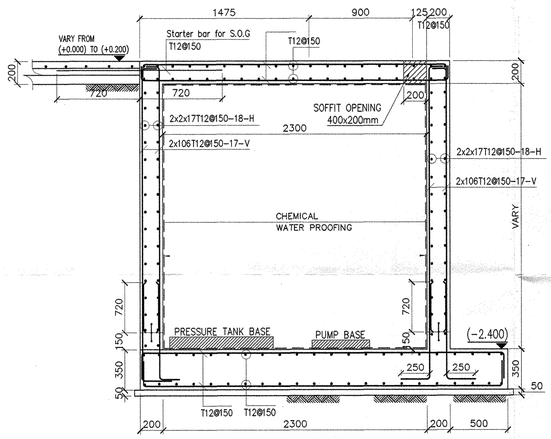


TYPICAL REINF'T. DETAIL AROUND OPENING IN SLABS & WALLS

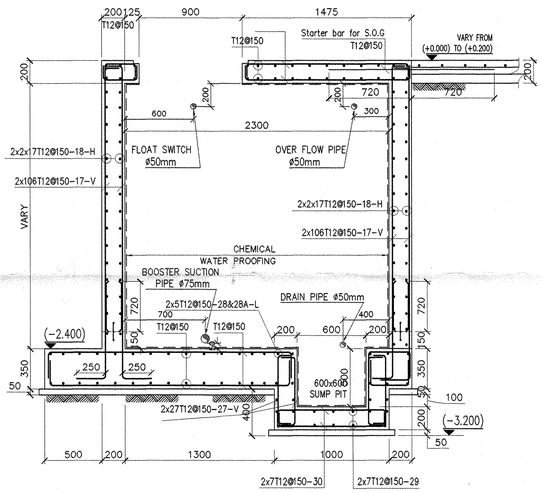


Footing Under Water Tank

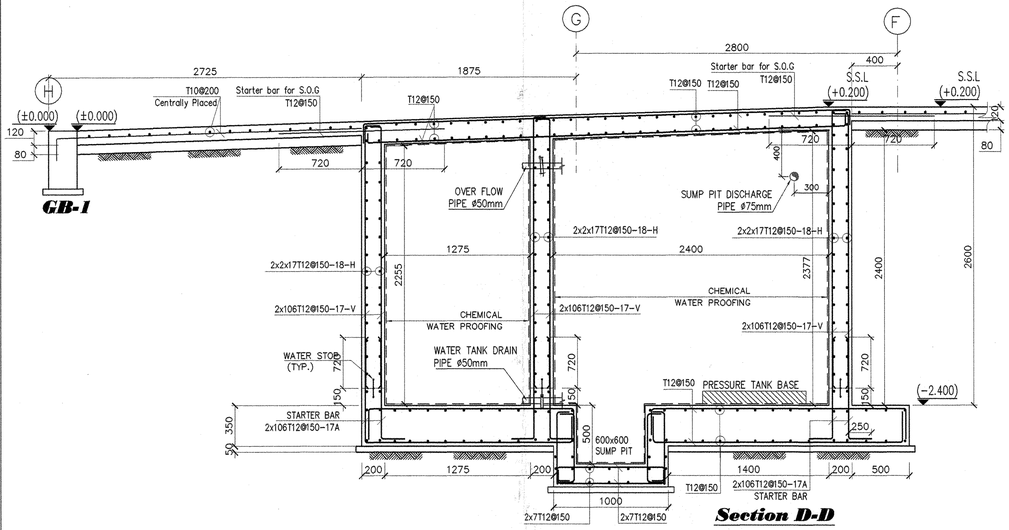
FOR BEARING CAPACITY (2Kg/cm2)



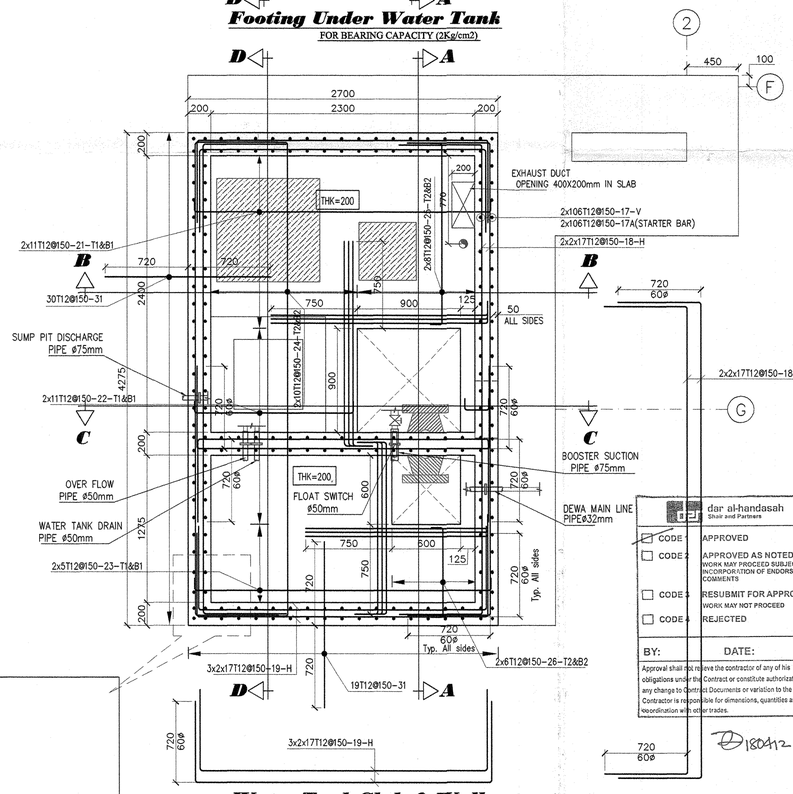
Section B-B



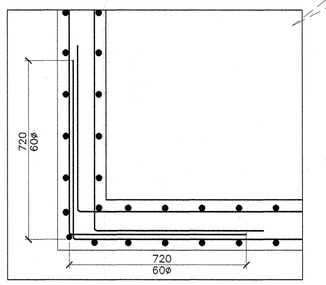
Section C-C



Section D-D



Water Tank Slab & Walls



NOTE :

1. FOR THE PUMP ROOM WATER & DRAINAGE DETAILS REFER DWG No. PP/V81/CO-13
2. FOR THE PUMP ROOM ELECTRICAL DETAILS REFER DWG No.PP/V81/L/EP-02B
3. FOR THE PUMP ROOM VENTILATION LAYOUT REFER DWG No.PP/V81/AC-08 Rev-1

NOTES:-

1) ALL DIMENSIONS ARE IN MM AND LEVELS ARE METERS UNLESS NOTED OTHERWISE.
2) ALL REINFORCEMENT EXCEPT TIES & STIRRUPS UNLESS OTHERWISE INDICATED TO BE HIGH TENSILE STEEL TO BS 4449 HAVING A MINIMUM YIELD STRESS fy = 420 MPa (DESIGNATED BY)
3) ALL REINFORCED CONCRETE SHOULD HAVE A MINIMUM CRUSHING STRENGTH ON CYLINDER AT 28 DAYS: f'c = 35 MPa
4) ALL PLAIN CONCRETE SHOULD HAVE A MINIMUM CRUSHING STRENGTH ON CYLINDER AT 28 DAYS: f'c = 14 MPa
5) ALL REINFORCED CONCRETE STRUCTURES ARE TO BE MADE WITH OPC+40% GG BS FOR WATER TANK ACCORDING TO ASTM C150
6) ALL SPLICES OF REINFORCEMENT SHOULD BE MIN. 60 BAR DIAMETER
7) UNLESS OTHERWISE NOTED , THE FOLLOWING NOMINAL CONCRETE COVER TO ALL REINFORCING BARS SHALL BE ADOPTED:
   a - FOR SLABS AND WALLS NOT EXPOSED TO EARTH OR WEATHER : 30mm.
   b - FOR BASEMENT WALLS : 50mm.
   c - FOR DROP BEAMS AND COLUMNS : 40mm.
   d - FOR FOUNDATIONS : 75mm.
   e - FOR ALL SURFACES IN CONTACT WITH WATER OR VAPOUR : 50mm.
8) FOOTING LEVELS ASPER APPROVED FOUNDATION FORMATION LEVEL

NOTE:

a) ALL WALL PIPE PENETRATIONS WITH PUDDLE FLANGES.

b) SOFFIT WITH CONCRETE & SLEEVE OPENING.

LEGACY TYPE VILLAS UNDER GROUND WATER TANK 2kg/cm² CAPACITY

PACKAGE	CLUSTER No.	PLOT No.	TOTAL VILLAS
2	1	J4V 041 to J4V 056	16
	2	J4V 021 to J4V 030	16
		J4V 032 to J4V 034	
		J4V 038 to J4V 040	
	3	J4V 001 to J4V 020	20
	4	I4V 019 to I4V 028	10
	5	I4V 002 to I4V 008	13
		I4V 010	
		I4V 014 to I4V 018	
	6	K4V 029 to K4V 046	18
	7	K4V 019 to K4V 028	10
	8	L4V 039 to L4V 049	11
2A	1	F4V 001 to F4V 027	27
	3	E4V 051 to E4V 062	12
	4	E4V 027 to E4V 050	24
	5	H4V 002	13
		H4V 006 to H4V 017	
	7	D4V 033 to D4V 041	9
	8	D4V 019 to D4V 032	14
	9	A4V 012 to A4V 029	18
	10	A4V 030 to A4V 044	15
	11	D4V 001 to D4V 018	18
	12	C4V 047 to C4V 062	16
	13	C4V 001 to C4V 010	23
		C4V 012 to C4V 013	
		C4V 036 to C4V 046	
	14	C4V 028 to C4V 035	20
		C4V 014 to C4V 025	
	15	B4V 001 to B4V 014	14
	16	G4V 001 to G4V 017	17
TOTAL VILLAS			354

RECEIVED DAR AL HANDASAH 16 APR 2012 PKG 2&2A

dar al-handasah Shair and Partners

- CODE 1 APPROVED
- CODE 2 APPROVED AS NOTED — WORK MAY PROCEED SUBJECT TO INCORPORATION OF ENDORSED COMMENTS
- CODE 3 RESUBMIT FOR APPROVAL — WORK MAY NOT PROCEED
- CODE 4 REJECTED

BY: DATE:

Approval shall not relieve the contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.

180412

AS BUILT DRAWING

Project: JUMAIRAH PARK

Employer: NAKHEEL

Consultant: dar al-handasah shair and partners

Main Contractor: Pauling Middle East

Package: PACKAGE - 2 & 2A

Drawing Title: UNDER GROUND WATER TANK 2kg/cm² (FOOTING, WALL & SLAB) TYPE : LEGACY

(SHEET 2 OF 2)

Drawn	Review	Check
T.Murugan	Eng. Zlyad	Eng. Ghassan Zeitouni

Scale: 1 : 25 | Date: 13-04-2012 | Approved:

Drawing Title: PME / JP / AB / LEGACY / STR-05

AB 027