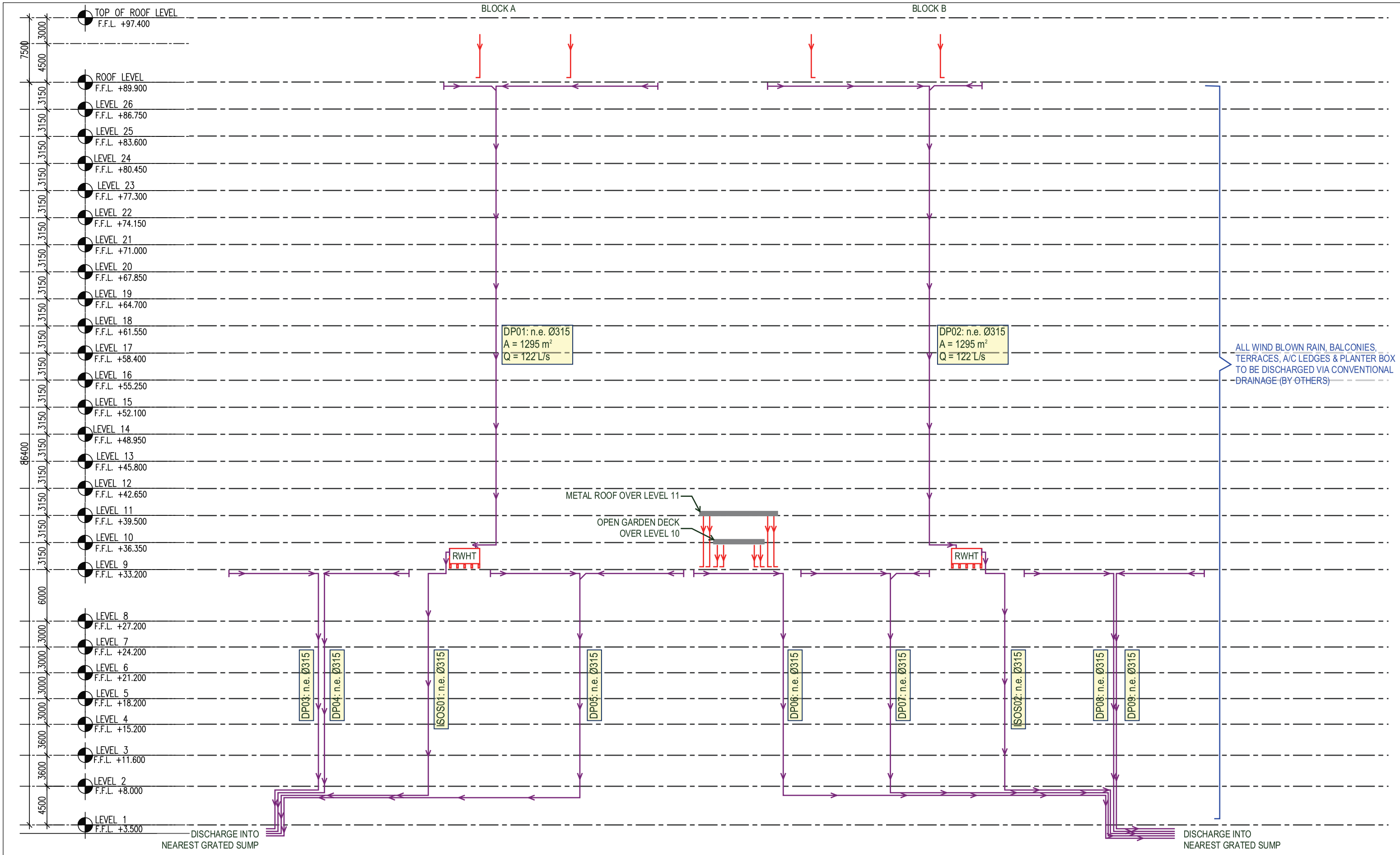

NOTE: THE FOLLOWING WORK IS BY OTHERS U.N.O.

1. Opening of Syfon Inlets to Gutters & Slab
2. All Penetrations
3. All Excavation & Backfill
4. All Conventional Drainage Downpipes & Spreaders
5. All Conventional Overflow provision
6. All Sound Insulation
7. All Fire Collars
8. All Conventional Underground Pipework to Grated Pits

SYFON SYSTEMS LEGEND

Ø315	SYFONIC HDPE PIPEWORK WITH PIPE O.D.
Ø315 U/G	SYFONIC HDPE UNDER GROUND PIPEWORK
	SYFONIC DOWNPIPE TO BELOW (T/B)
	SYFONIC DOWNPIPE WITH 45° BRANCH LINE
	SYFONIC DOWNPIPE WITH DROP & JUNCTION
	SYFONIC DOWNPIPE FROM ABOVE (F/A)
	VERTICAL STEP DOWN IN PIPE LEVEL
	2 x 45° STEP DOWN IN PIPE LEVEL
SI / S.O.F.I	SYFONIC STANDARD PRIMARY INLET & TAILPIPE
	SYFONIC STANDARD O/F INLET & TAILPIPE
	CONVENTIONAL DOWNPIPE & SPREADER (U.N.O.) max. Ø150mm uPVC
	CONVENTIONAL DOWNPIPE TO BELOW (T/B) (U.N.O.)
	CONVENTIONAL INLET & TAILPIPE (U.N.O.)
HP	HIGH POINT WITH NOMINAL 1 IN 200 FALL TO INLETS

DESIGN RAINFALL INTENSITY:

Q_{100} (5 min.) = - mm/HR

Q_{20} (5 min.) = 340 mm/HR

No.	Date	Amendment.	Drawn	Checked
B	25/04/16	For Information	JL	LAU
A	27/01/16	For Information	JUN	EL

syfon SYSTEMS

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PROJECT
BATU KAWAN MIX DEV PENANG

DRAWING
SYFONIC DRAINAGE SCHEMATIC DIAGRAM

Contractors shall verify all dimensions on site before commencing any work or making any shop drawings.Figured dimensions shall be taken in preference to scaled. These drawings are copyright & are not to be reproduced in any form without the express permission of Syfon Systems Sdn. Bhd.

0 1 2 3 4 5m 1:100 @ A0 = 1:200 @ A2
0 2 4 6 8 10m 1:200 @ A0 = 1:400 @ A2
0 5 10 15 20 25m 1:500 @ A0 = 1:1000 @ A2
0 5 10m 1:250 @ A0 = 1:500 @ A2

Scale N.T.S. @ A3 Drawn JUN
Date 27/01/2016 Checked EL
Job No. M2864

Dwg No. SK 03 Rev. B