

PIPE LENGTHS:  
110mm UNDERGROUND WATER MAINS = 1650m  
42mm UNDERGROUND WATER MAINS = 300m

LEGEND:  
FR - FAMILY ROOMS  
SR - SINGLE ROOMS  
VB - VALVE BOX

LEGEND  
WATER RETICULATION:  
COLD WATER UNDERGROUND PIPE RETICULATION

REV	DATE	BY	DESCRIPTION	CHK	APD
B	14-07-2011	CM	RETICULATION UPDATED TO MATCH LATEST LAYOUT	LP	LP
A	25-03-2011	MR	ISSUED FOR INFORMATION	LP	LP

DRAWING STATUS: PRELIMINARY



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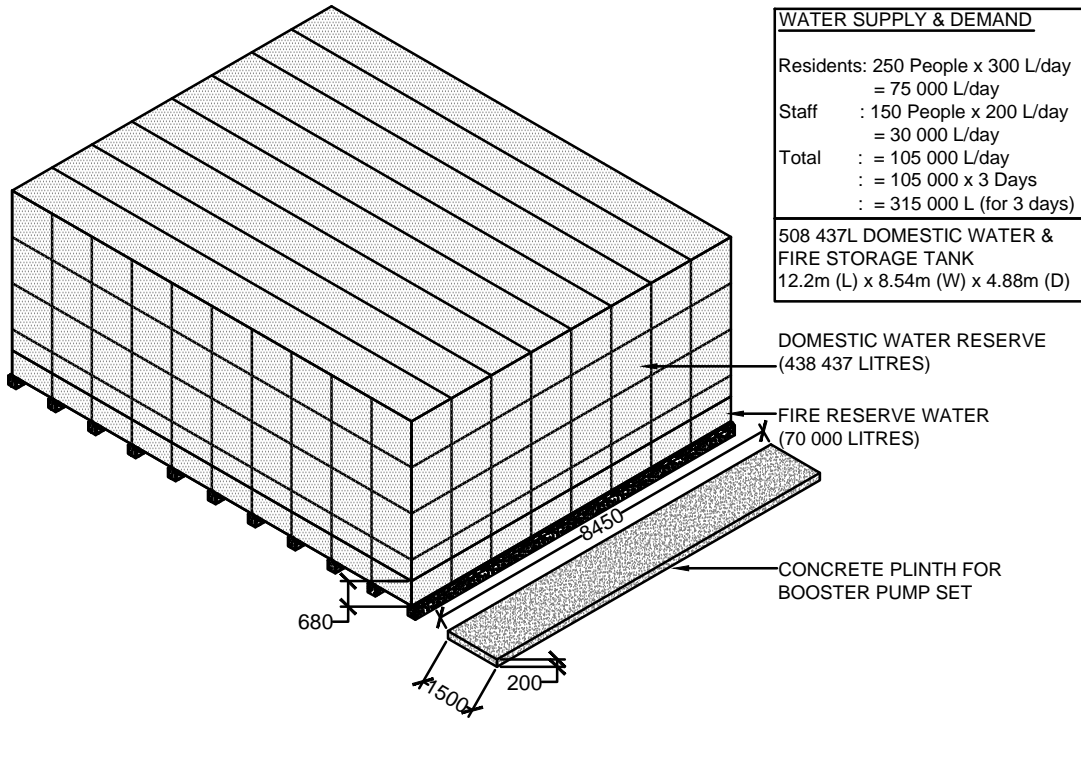
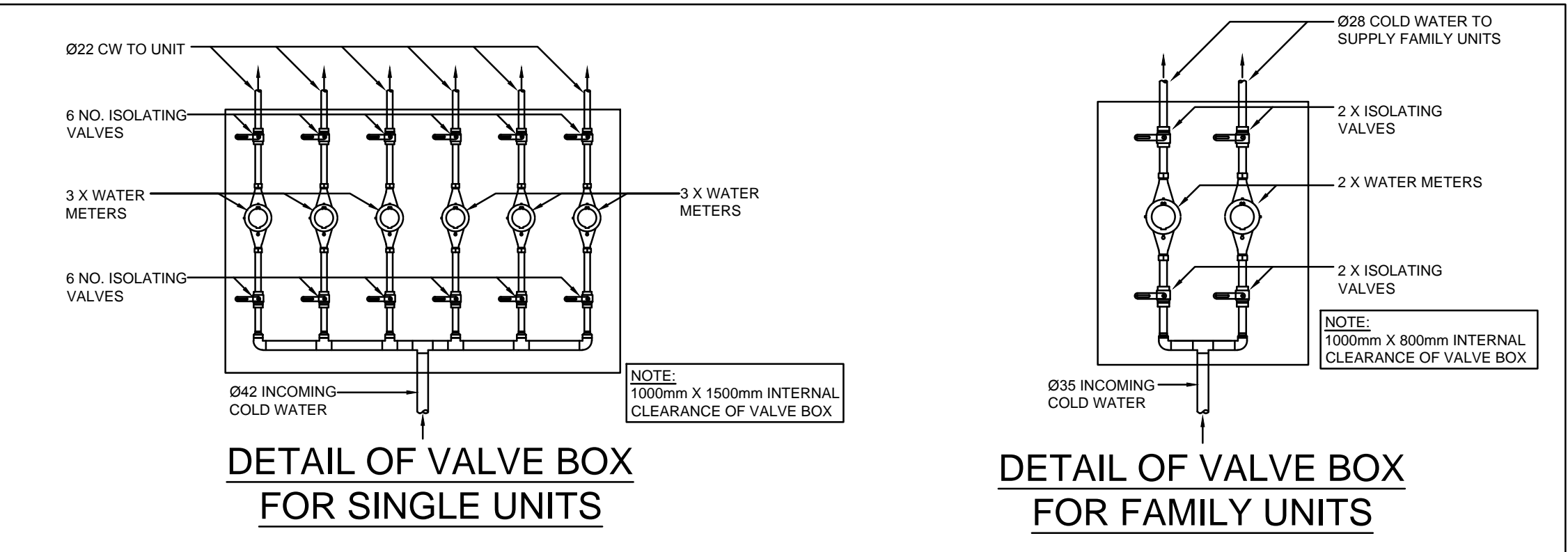
CLIENT: MALELANE SAFARI RESORT INVESTMENTS  
ARCHITECT: CRONJE ASSOCIATED ARCHITECTS CC

PROJECT: RADISSON BLU SAFARI RESORT KRUGER PARK  
TITLE: WATER RETICULATION LAYOUT PLAN

SCALE @ A1: 1:1000	CHECKED: LP	APPROVED: LP
CAD FILE: J5423/WET SERVICES	DESIGN DRAWN: LP-CM	DATE: 14/07/2011
PROJECT No: J5423	DRAWING No: 4300	REV: B

CESA © WSP Group plc

BACKGROUND DRAWING INFORMATION				
FILENAME	ORIGINATOR	DESCRIPTION	REV	DATE REC'D
285-SK101-4100	CA ARCH	SITE PLAN	14	05-07-2011



WATER SUPPLY & DEMAND  
Residents: 250 People x 300 L/day  
= 75 000 L/day  
Staff : 150 People x 200 L/day  
= 30 000 L/day  
Total : = 105 000 L/day  
= 105 000 L x 3 Days  
= 315 000 L (for 3 days)

508 437L DOMESTIC WATER &  
FIRE STORAGE TANK  
12.2m (L) x 8.54m (W) x 4.88m (D)

DOMESTIC WATER RESERVE  
(438 437 LITRES)  
FIRE RESERVE WATER  
(70 000 LITRES)