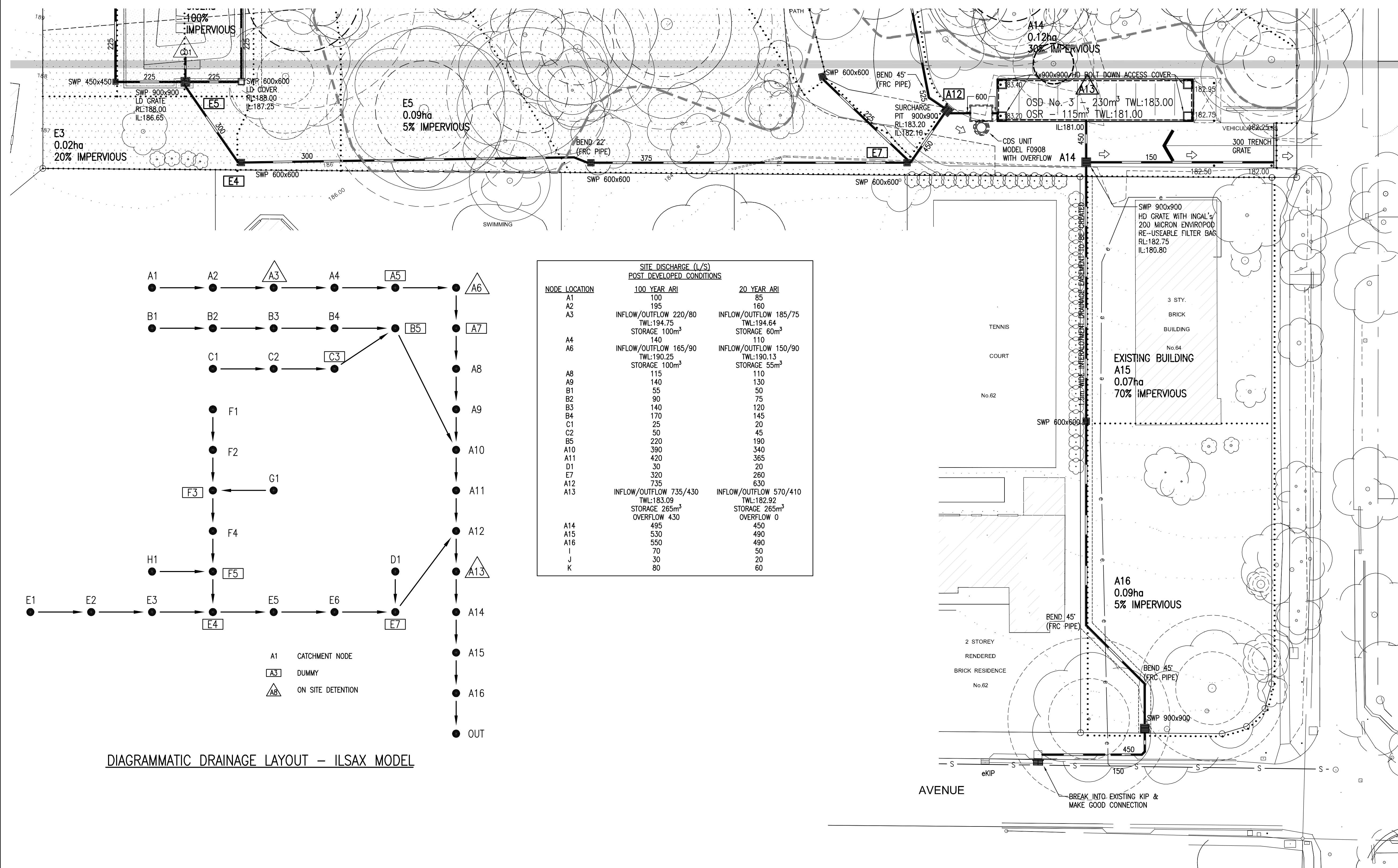


SW DRAINAGE TO BE LOCATED CLEAR OF
CRITICAL ROOT ZONE OF EXISTING TREES.

CONTINUED ON DRAWING C03



DIAGRAMMATIC DRAINAGE LAYOUT – ILSAX MODEL

A1 CATCHMENT NODE
A3 DUMMY
A8 ON SITE DETENTION

NODE LOCATION	SITE DISCHARGE (L/S) POST DEVELOPED CONDITIONS	
	100 YEAR ARI	20 YEAR ARI
A1	100	85
A2	195	160
A3	INFLOW/OUTFLOW 220/80 TWL:194.75 STORAGE 100m ³	INFLOW/OUTFLOW 185/75 TWL:194.64 STORAGE 60m ³
A4	140	110
A6	INFLOW/OUTFLOW 165/90 TWL:190.25 STORAGE 100m ³	INFLOW/OUTFLOW 150/90 TWL:190.13 STORAGE 55m ³
A8	115	110
A9	140	130
B1	55	50
B2	90	75
B3	140	120
B4	170	145
C1	25	20
C2	50	45
B5	220	190
A10	390	340
A11	420	365
D1	30	20
E7	320	260
A12	735	630
A13	INFLOW/OUTFLOW 735/430 TWL:183.09 STORAGE 285m ³ OVERFLOW 430	INFLOW/OUTFLOW 570/410 TWL:182.92 STORAGE 265m ³ OVERFLOW 0
A14	495	450
A15	530	490
A16	550	490
I	70	50
J	30	20
K	80	60

SERVICES ON THIS DRAWING
ARE SHOWN BELOW SLAB U.N.O.

Revision	Amendment	Date	Initial
B	D.A. RE-SUBMISSION	18.11.09	MA
A	D.A. SUBMISSION	22.10.08	ZO

Discipline	Dwg. No.	Date	Revisions
ARCHITECTURAL	AR.DA.002	02.02.09	P10
STRUCTURAL			
MECHANICAL			
ELECTRICAL			

Notes
Dimensions not shown to be checked on site. Do not scale of this drawing.
This drawing is to be read in conjunction with a specification. Invert levels are
indicative only and are to be checked prior to commencement of work.
Position of Authorities mains and/or existing services are to be checked
prior to commencement of work. Report any discrepancies to the Architect
for decision/clarification before proceeding with the work. These designs,
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HYDRAULIC, FIRE PROTECTION & CIVIL ENGINEERS SYDNEY

Drawing CIVIL SERVICES

STORMWATER CONCEPT PLAN
SOUTH

Design	ZO	Drawn	JK
Date	OCT 2008	Design Validated	MA
Sheet	5 OF 8	QA Approved	
Scale	1:250	Computer Dwg.No.	
Job No.	0608-0008	Dwg.No.	C04
		Issue	B

NOTE:
RAINWATER RE-USED FOR IRRIGATION TO BE TREATED BY:
* FILTER BAG WFC BFS-2C (STAINLESS STEEL BAG FILTER)