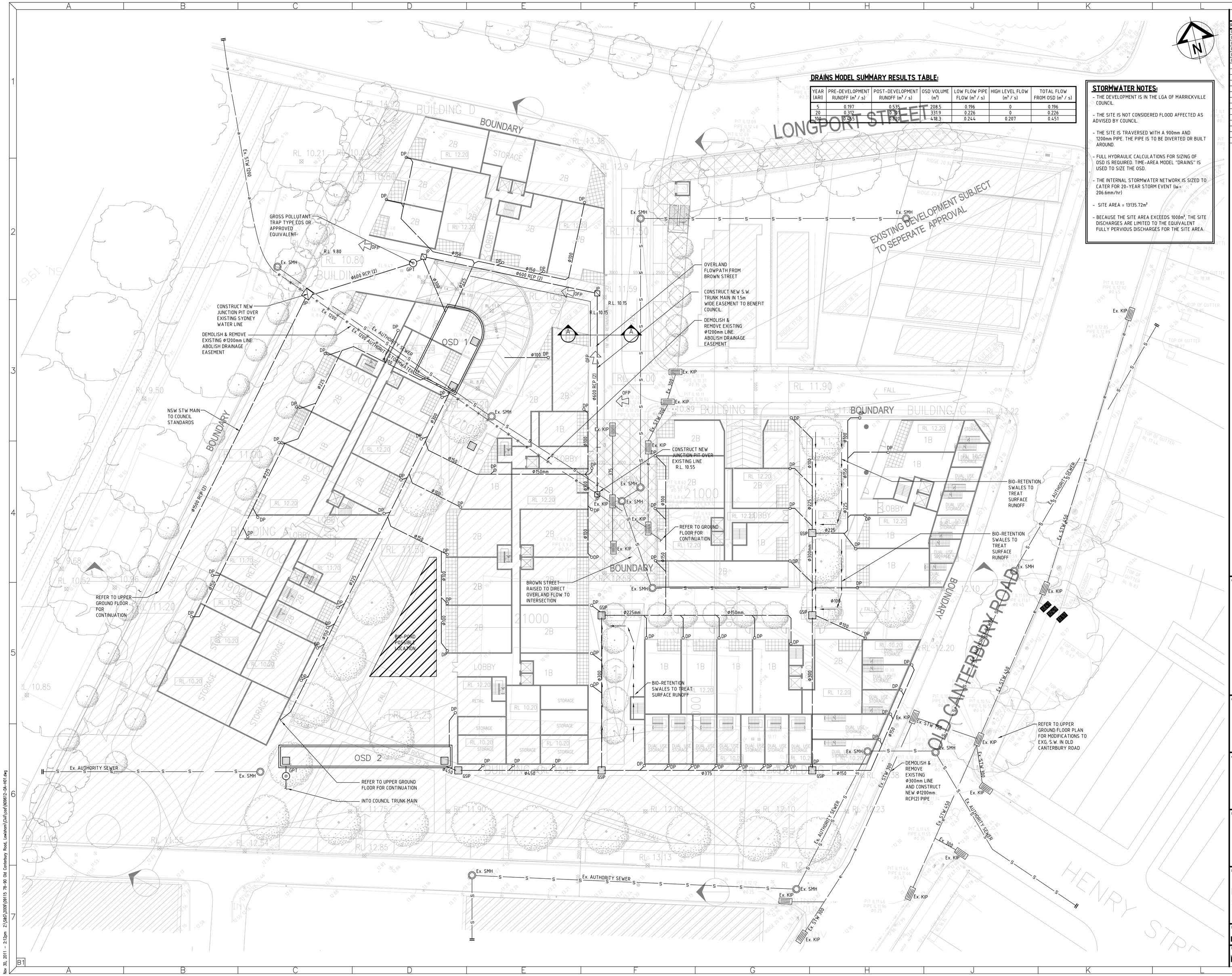

DRAINS MODEL SUMMARY RESULTS TABLE:

YEAR (ARI)	PRE-DEVELOPMENT RUNOFF (m^3 / s)	POST-DEVELOPMENT RUNOFF (m^3 / s)	OSD VOLUME (m^3)	LOW FLOW PIPE FLOW (m^3 / s)	HIGH LEVEL FLOW (m^3 / s)	TOTAL FLOW FROM OSD (m^3 / s)
5	0.197	0.535	208.5	0.196	0	0.196
20	0.312	0.701	331.9	0.226	0	0.226
100	0.455	0.820	418.3	0.244	0.207	0.451

STORMWATER NOTES:

- THE DEVELOPMENT IS IN THE LGA OF MARRICKVILLE COUNCIL.
- THE SITE IS NOT CONSIDERED FLOOD AFFECTED AS ADVISED BY COUNCIL.
- THE SITE IS TRAVERSED WITH A 900mm AND 1200mm PIPE. THE PIPE IS TO BE DIVERTED OR BUILT AROUND.
- FULL HYDRAULIC CALCULATIONS FOR SIZING OF OSD IS REQUIRED. TIME-AREA MODEL "DRAINS" IS USED TO SIZE THE OSD.
- THE INTERNAL STORMWATER NETWORK IS SIZED TO CATER FOR 20-YEAR STORM EVENT (Iw = 206.6mm/hr)
- SITE AREA = 13135.72m^2
- BECAUSE THE SITE AREA EXCEEDS 1000m^2, THE SITE DISCHARGES ARE LIMITED TO THE EQUIVALENT FULLY PERVIOUS DISCHARGES FOR THE SITE AREA.

AMENDMENTS/REVISIONS

Rev	Issue	Description	Initials	Date
01		DA ISSUE	B.M.	11.10.10
02		DA ISSUE	K.T.	24.10.10
03		REVISED DA ISSUE	B.M.	28.03.11
04		REVISED DA ISSUE	B.M.	24.05.11
05		REVISED DA ISSUE	S.A.	18.11.11
06		REVISED DA ISSUE	S.A.	30.11.11

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NSW

DRAWING TITLE

HYDRAULIC SERVICES
LOWER GROUND FLOOR
STORMWATER SERVICES LAYOUT

DRAWN	DESIGNED	CHECKED	SCALE (AT FULL SIZE)
B.M.	S.H.	S.H.	1:250

DATE	DRAWING No.	REVISION
Mar '11	N09612–DA–H01	06

Nov. 30, 2011 – 2:12pm Z:\SAS\2009\09115 78-90 Old Canterbury Road, Lewisham\Civil\civil\N09612-DA-H01.dwg