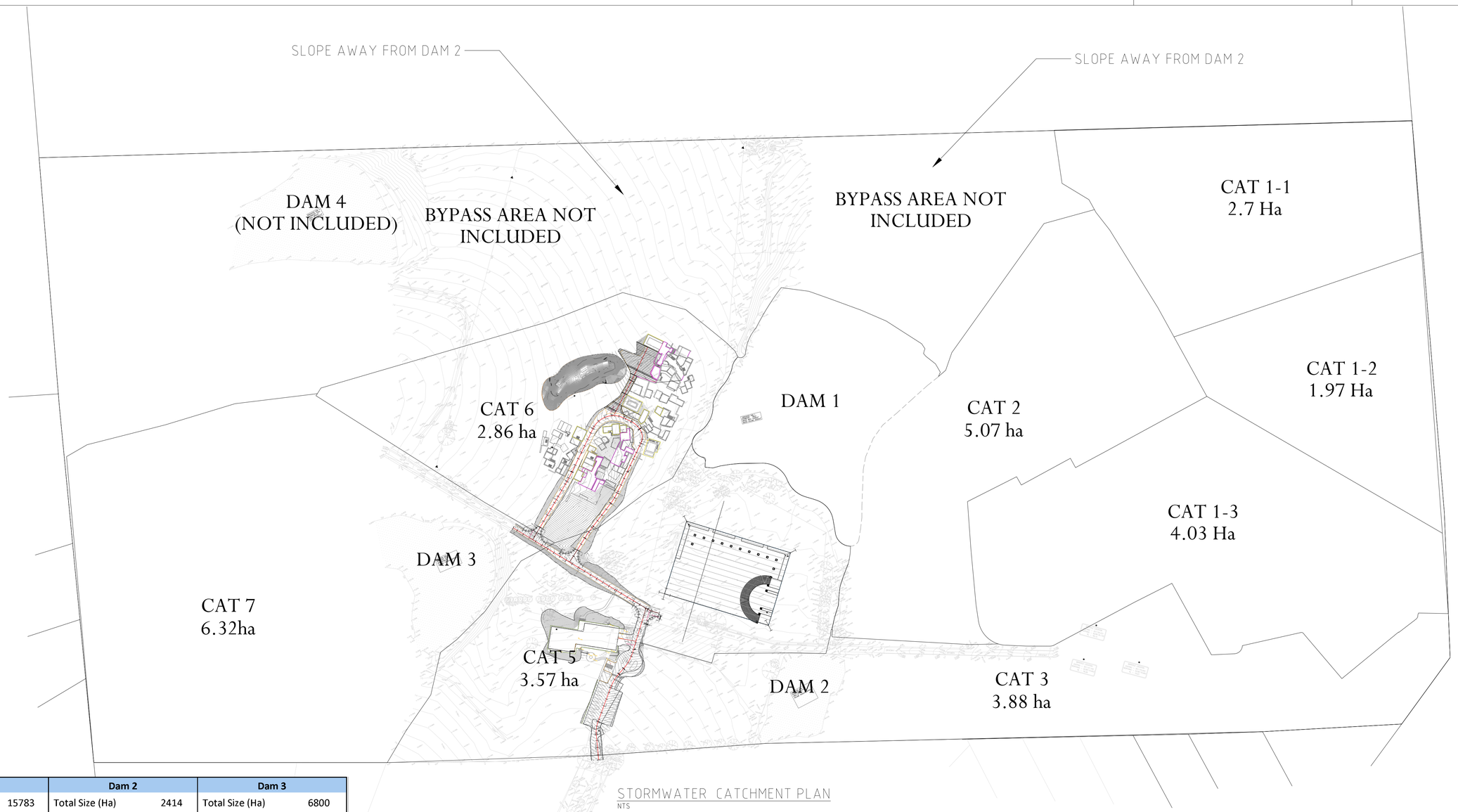

STORMWATER CATCHMENT PLAN
NTS

Dam 1		Dam 2		Dam 3	
Total Size (Ha)	15783	Total Size (Ha)	2414	Total Size (Ha)	6800
Permeter	582	Permeter	221	Permeter	507
Depth	3.5	Depth	3.5	Depth	2.7
Volume (m^3)	40000	Volume (m^3)	7000	Volume (m^3)	11000
Initial Water Level	65.00	Initial Water Level	67.90	Initial Water Level	71.50
Overflow	65.87	Overflow	69.00	Overflow	72.29

Cat 1 -2		Cat 1 -3		Cat 1 -1	
Total Size (Ha)	1.97	Total Size (Ha)	4.03	Total Size (Ha)	2.7
Impervious (%)	80	Impervious (%)	80	Impervious (%)	80
Pervious (%)	20	Pervious (%)	20	Pervious (%)	20
Cat 3		**Cat 2 & 5 & 6**		**Cat 7**	
Total Size (Ha)	3.88	Total Size (Ha)	11.5	Total Size (Ha)	6.32
Impervious (%)	20	Impervious (%)	16.09	Impervious (%)	0
Pervious (%)	80	Pervious (%)	83.91	Pervious (%)	100

POST-DEVELOPMENT CATCHMENT DETAILS
NTS

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MOB: 0419 041 401

QUALITY CONTROL	
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DESIGNED MD	DATE 02.08.2019
CHECKED SN	DATE 02.08.2019

APPROVED:
S. NASTASI
B.E, M.I.E.AUST, CPENG

CLIENT: INTERNATIONAL BIBLE STUDENTS ASSOCIATION

PROJECT: 12-14 ZOUCH ROAD, DENHAM COURT

TITLE: STORMWATER CATCHMENT PLAN

DRAWING STATUS: CONCEPT PLAN FOR APPROVAL

SCALE (AT ORIGINAL SIZE): NTS

PROJECT NO.	DRAWING NO.	REVISION NO.
18072	C22	B

a1

ISSUE	REVISION	DATE
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CLIENT: INTERNATIONAL BIBLE STUDENTS ASSOCIATION

PROJECT: 12-14 ZOUCH ROAD, DENHAM COURT

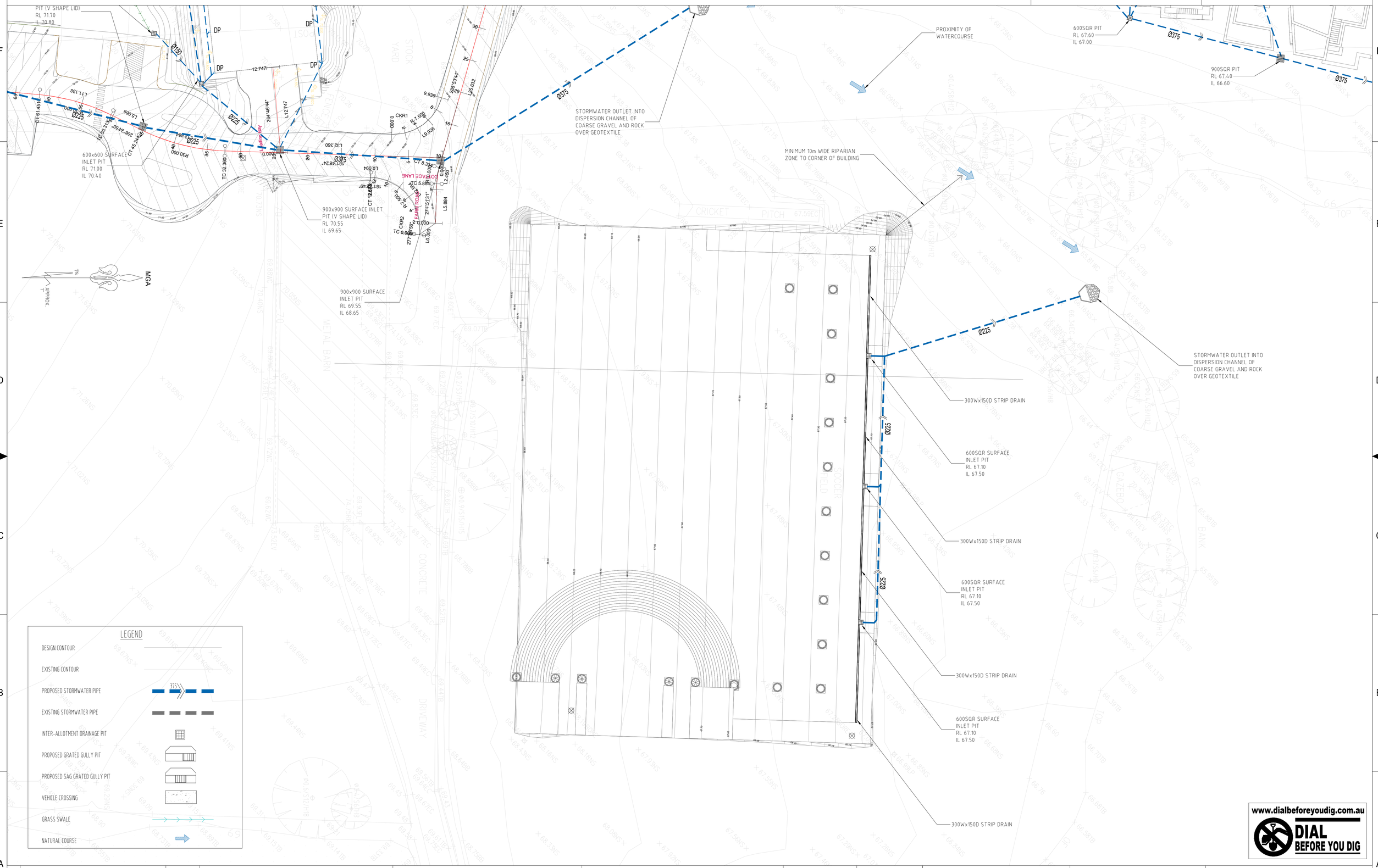
TITLE: STORMWATER PLAN

DRAWING STATUS: CONCEPT PLAN FOR APPROVAL

SCALE (AT ORIGINAL SIZE): 1:250 @A1

PROJECT NO.	DRAWING NO.	REVISION NO.
18072	C9	B

a1



LEGEND

- DESIGN CONTOUR
- EXISTING CONTOUR
- PROPOSED STORMWATER PIPE (375)
- EXISTING STORMWATER PIPE
- INTER-ALLOTMENT DRAINAGE PIT
- PROPOSED GRATED GULLY PIT
- PROPOSED SAG GRATED GULLY PIT
- VEHICLE CROSSING
- GRASS SWALE
- NATURAL COURSE

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CLIENT: INTERNATIONAL BIBLE STUDENTS ASSOCIATION

PROJECT: 12-14 ZOUCH ROAD, DENHAM COURT

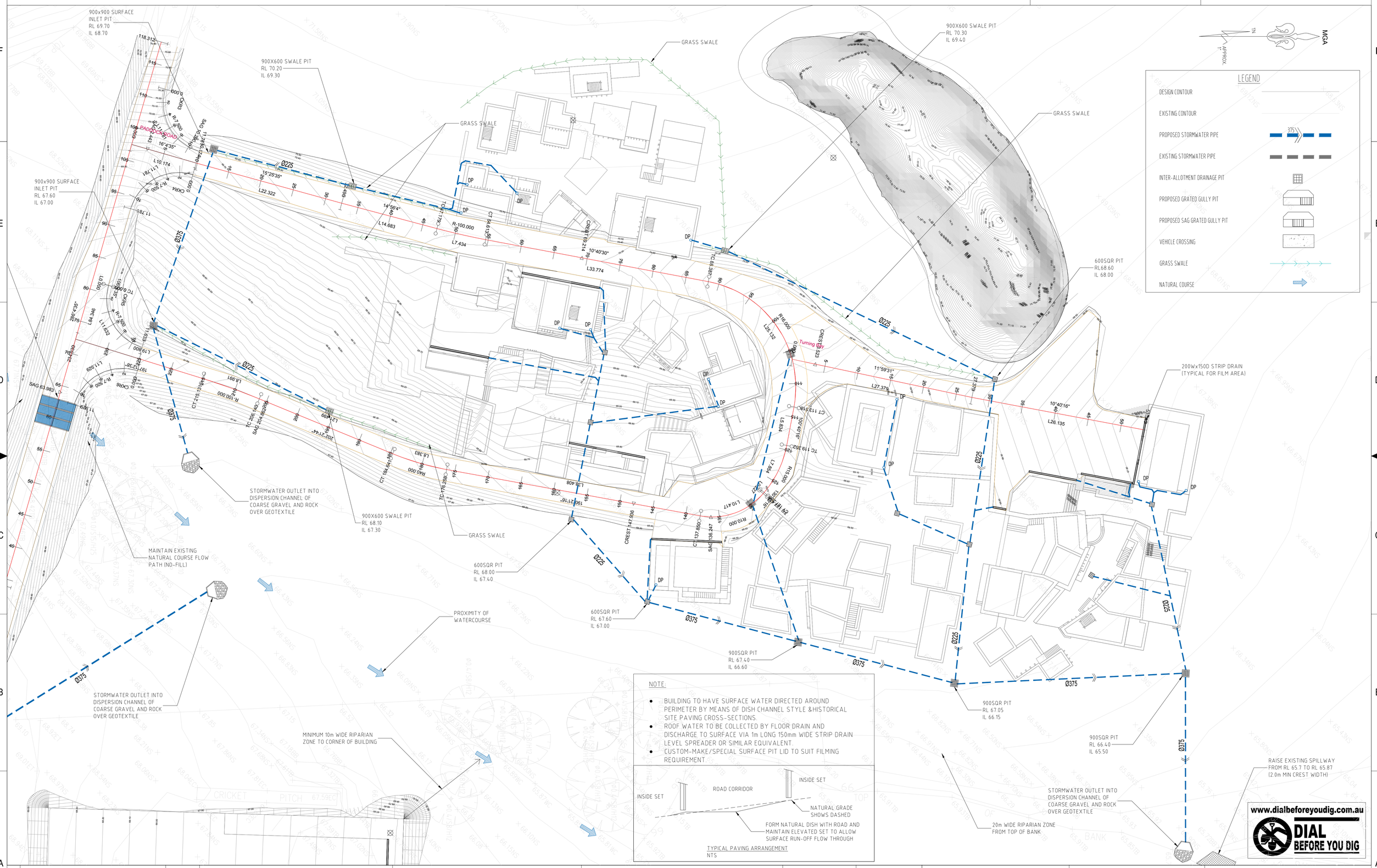
TITLE: STORMWATER PLAN (CONT')

DRAWING STATUS: CONCEPT PLAN FOR APPROVAL

SCALE (AT ORIGINAL SIZE): 1:250 @A1

PROJECT NO.	DRAWING NO.	REVISION NO.
18072	C10	B

a1



NOTE:

- BUILDING TO HAVE SURFACE WATER DIRECTED AROUND PERIMETER BY MEANS OF DISH CHANNEL STYLE &HISTORICAL SITE PAVING CROSS-SECTIONS.
- ROOF WATER TO BE COLLECTED BY FLOOR DRAIN AND DISCHARGE TO SURFACE VIA 1m LONG 150mm WIDE STRIP DRAIN LEVEL SPREADER OR SIMILAR EQUIVALENT.
- CUSTOM-MAKE/SPECIAL SURFACE PIT LID TO SUIT FILMING REQUIREMENT.

TYPICAL PAVING ARRANGEMENT
NTS

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CLIENT: INTERNATIONAL BIBLE STUDENTS ASSOCIATION

PROJECT: 12-14 ZOUCH ROAD, DENHAM COURT

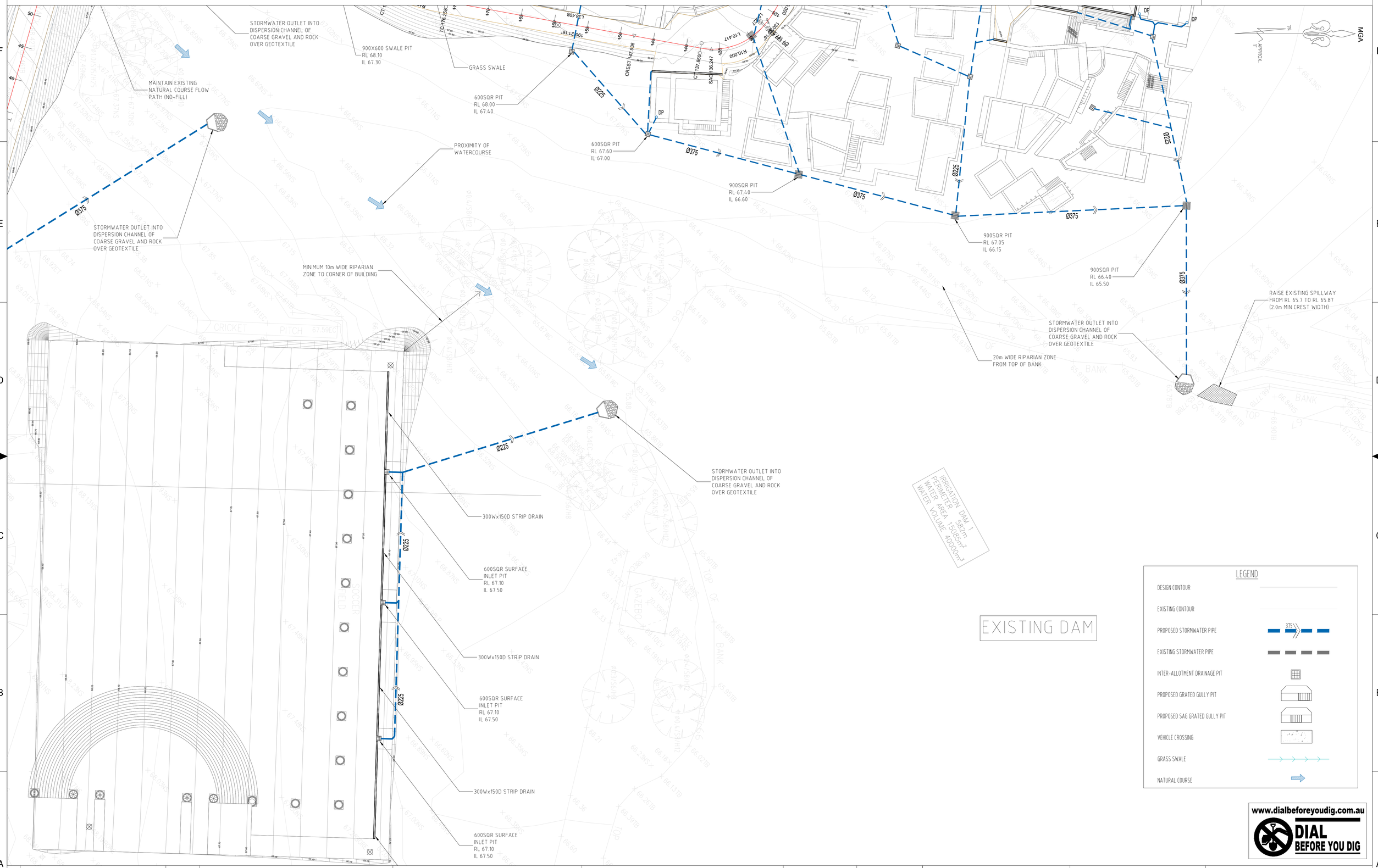
TITLE: STORMWATER PLAN (CONT')

DRAWING STATUS: CONCEPT PLAN FOR APPROVAL

SCALE (AT ORIGINAL SIZE): 1:250 @A1

PROJECT NO.	DRAWING NO.	REVISION NO.
18072	C11	B

a1



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DRAWING STATUS: CONCEPT PLAN FOR APPROVAL

SCALE (AT ORIGINAL SIZE): 1:250 @A1

PROJECT NO.	DRAWING NO.	REVISION NO.
18072	C12	B

a1