

STRATHFIELD COUNCIL
RECEIVED
(AMENDED PLAN)
DA2017/168
6 July 2018

13.06.18	2	COUNCIL COMMENT AMENDMENTS	B
16.11.17	1	ISSUE FOR COUNCIL APPROVAL	A
DATE	No.	AMENDMENT	ISSUE

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ARCHITECT :
WOODS BAGOT
LEVEL 2 60 CARRINGTON STREET
SYDNEY NSW 2000

CLIENT :
CONQUEST GROUP OF COMPANIES

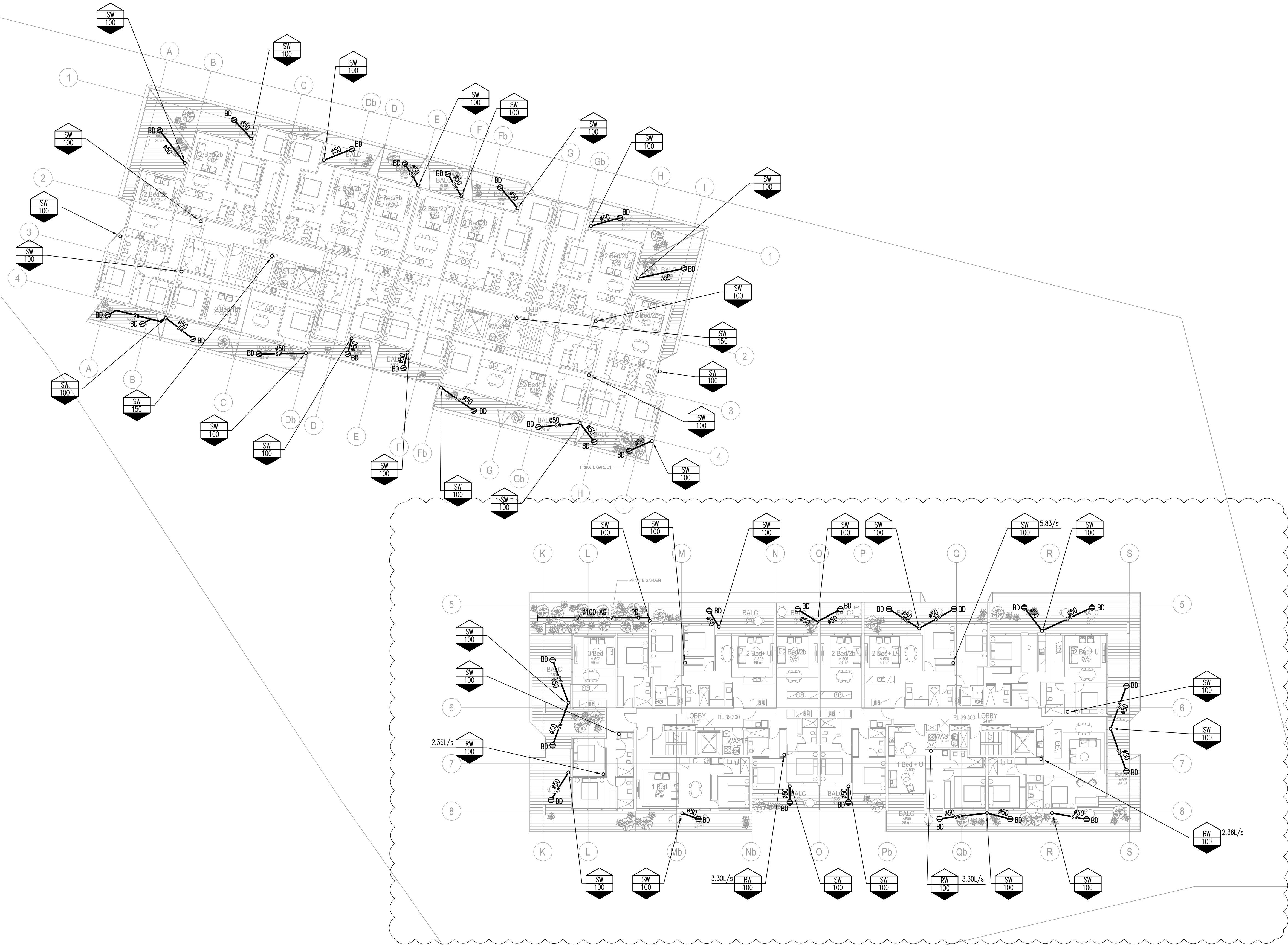
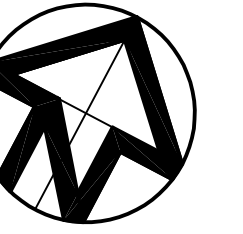
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT
84 CENTENARY DRIVE
STRATHFIELD NSW 2135



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& PARTNERS**
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TITLE :
HYDRAULIC SERVICES
LEVELS 2-4 FLOOR PLAN

Date :	NOV 2017	Drawn :	NG
Scales :	1:200 @ A1	Checked :	GH
Job No. :	172997	Cod File No. :	172997H105
		Drawing No. :	H105



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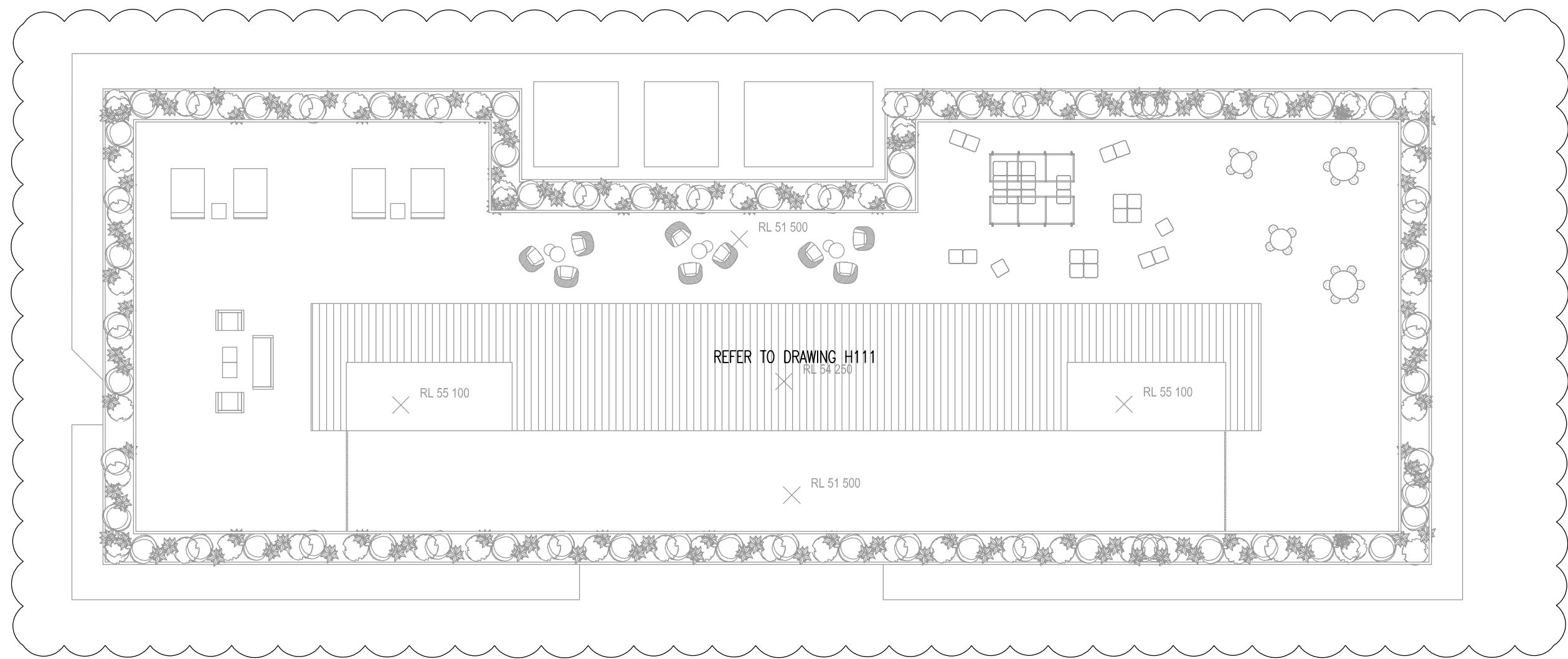
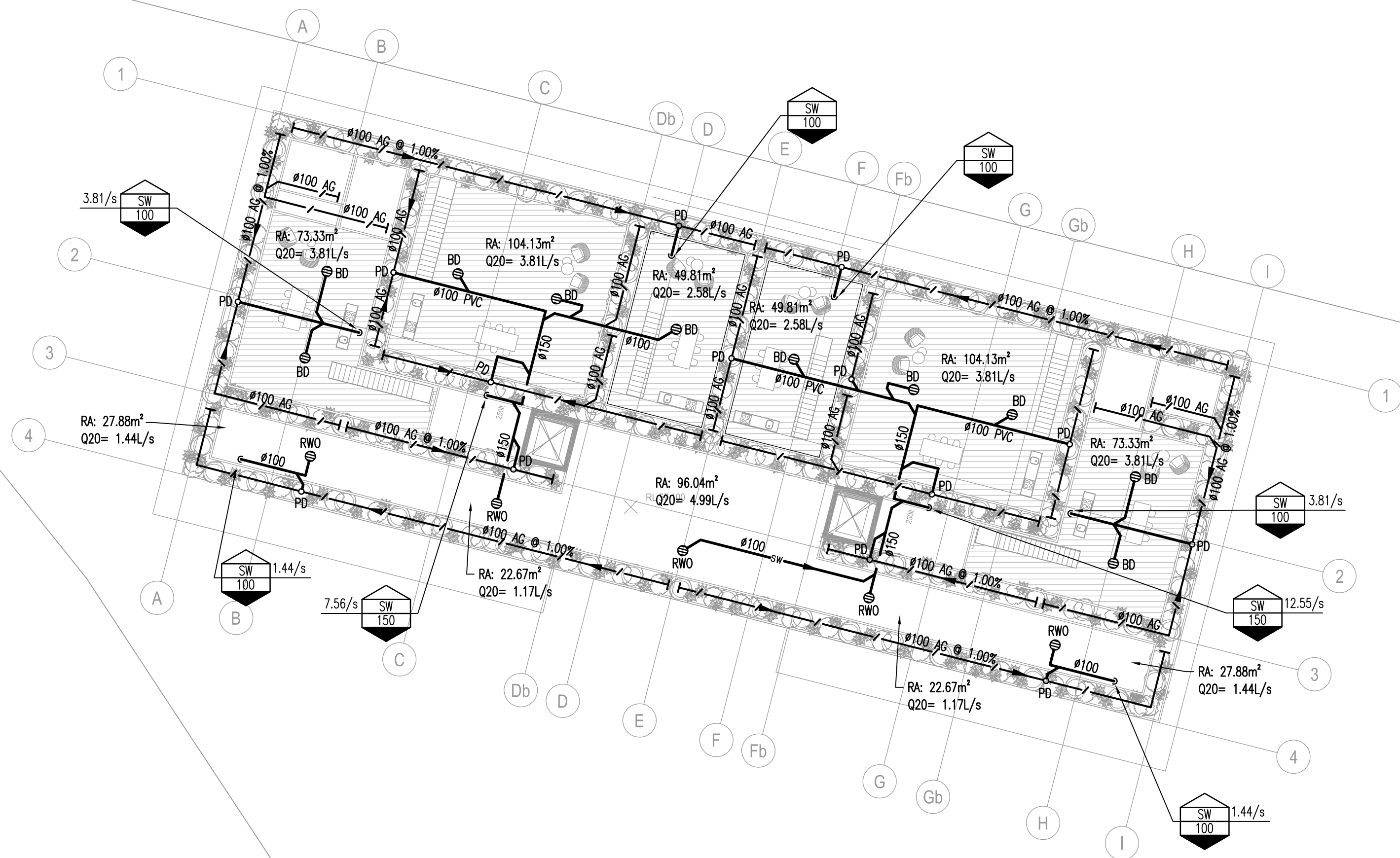
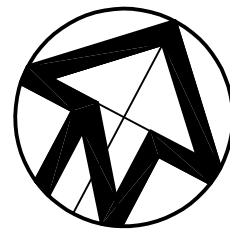
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TITLE :
HYDRAULIC SERVICES

LEVELS 5-6 FLOOR PLAN

Date :	NOV 2017	Drawn :	NG
Scales :	1:200 @ A1	Checked :	GH
Job No. :	172997	Cod File No. :	172997H106
		Drawing No. :	H106



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STRATHFIELD NSW 2135



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TITLE : HYDRAULIC SERVICES

ROOF PLAN

Date :	NOV 2017	Drawn :	NG
Scales :	1:200 @ A1	Checked :	GH
Job No. :	Cod File No. :	Drawing No. :	
172997	172997H111	H111	

EROSION AND SEDIMENT CONTROL NOTES:

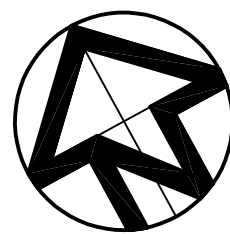
- 1 THE CONTRACTOR SHALL ADOPT SUCH MEASURES AS MAY BE NECESSARY FOR EROSION, CONTAMINATION AND SEDIMENT CONTROL DURING CONSTRUCTION INCLUDING THE FOLLOWING WHERE PRACTICABLE:
 - i PROGRESSIVE RESTORATION OF DISTURBED AREAS
 - ii TEMPORARY DRAINS
 - iii TEMPORARY FENCING
 - iv DIVERSION AND DISPERSAL OF CONCENTRATED FLOWS TO POINTS WHERE WATER CAN PASS THROUGH THE SITE WITHOUT DAMAGE
 - v PLACE SPOIL ON THE UPHILL SIDE OF TRENCHES
 - vi CONSTRUCTION AND MAINTENANCE OF SILT TRAPS TO PREVENT THE DISCHARGE OF SCOURED MATERIALS TO DOWNSTREAM AREAS
- 2 THE CONTRACTOR SHALL PREPARE AN EROSION AND SEDIMENT CONTROL PLAN TO THE REQUIREMENTS OF DWE AND DECC (EPA) AND THESE PLANS ARE TO BE SUBMITTED TO COUNCIL PRIOR TO CONSTRUCTION

DEWATERING NOTES:

- 1 THE TRENCHES SHALL BE KEPT FREE OF WATER AFTER EXCAVATION AND DURING CONSTRUCTION. ANY AUXILIARY EXCAVATION CARRIED OUT IN OR ADJACENT TO THE TRENCH EXCAVATION FOR THAT PURPOSE SHALL BE BACKFILLED BY THE CONTRACTOR USING MATERIALS AND IN A MANNER SATISFACTORY TO COUNCIL. THE CONTRACTOR SHALL USE EXTERNAL DEWATERING IF DIRECTED BY COUNCIL. INTERNAL DEWATERING CAN BE UNDERTAKEN BY THE USE OF SUMP PUMPS LOCATED IN THE BOTTOM OF THE TRENCH
- 2 EXTERNAL DEWATERING-- SHALL MEAN A SYSTEM OF WELL POINTS OF OTHER DEVICES SUNK IN THE GROUND IN THE VICINITY OF THE EXCAVATION AND OPERATED CONTINUOUSLY FROM THE TIME OF EXCAVATION OF THE TRENCHES TO THE TIME THE TRENCHES HAVE BEEN BACKFILLED.
 - i THE USE OF SUMP PUMPS LOCATED IN THE BOTTOM OF THE TRENCH OR THE BOTTOM OF A LATERAL TRENCH IS NOT DEFINED AS EXTERNAL DEWATERING
- 3 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND OPERATION OF ALL GROUNDWATER CONTROL AND DEWATERING SYSTEMS NECESSARY TO:
 - i PREVENT HEAVE OF, OR LOSS OF DENSITY IN THE MATERIAL COMPRISING THE FLOOR OF ANY EXCAVATION OR PIPE TRENCH
 - ii MAINTAIN THE STABILITY OF THE WALLS OF ALL EXCAVATIONS AND TRENCHES
 - iii MAINTAIN "DRY" WORKING CONDITIONS IN ALL EXCAVATIONS AND TRENCHES
 - iv PREVENT FLOTATION OF ANY PIPELINE OR STRUCTURE DURING CONSTRUCTION AND AT ALL OTHER TIMES
- 4 DEWATERING PUMP IS TO HAVE A TEMPORARY BATTLE FENCE AROUND IT DURING OPERATING HOURS.
- 5 THE CONTRACTOR IS TO TAKE A WATER SAMPLE OF THE GROUND WATER PRIOR TO CONSTRUCTION AND TEST IT FOR ACID SULPHATE. WATER SAMPLE IS TO BE EQUAL TO WATER QUALITY AT THE PUMP DISCHARGE POINT. IF NOT EQUAL, WATER TO BE PUMPED TO A HOLDING TANK, PH DOSING UNIT AND SETTLEMENT TANK, THEN DISCHARGE TO KERB INLET PIT IN OAKLAND COURT ON THE NORTH WESTERN CORNER OF THE PROPERTY

LEGEND

- II — SILT FENCE
- ▨ STABILISED CONSTRUCTION ENTRANCE
- ▨ DISTURBED AREA
- C — CATCHMENT AREA



PROCEDURE FOR SILTATION CONTROL DURING CONSTRUCTION

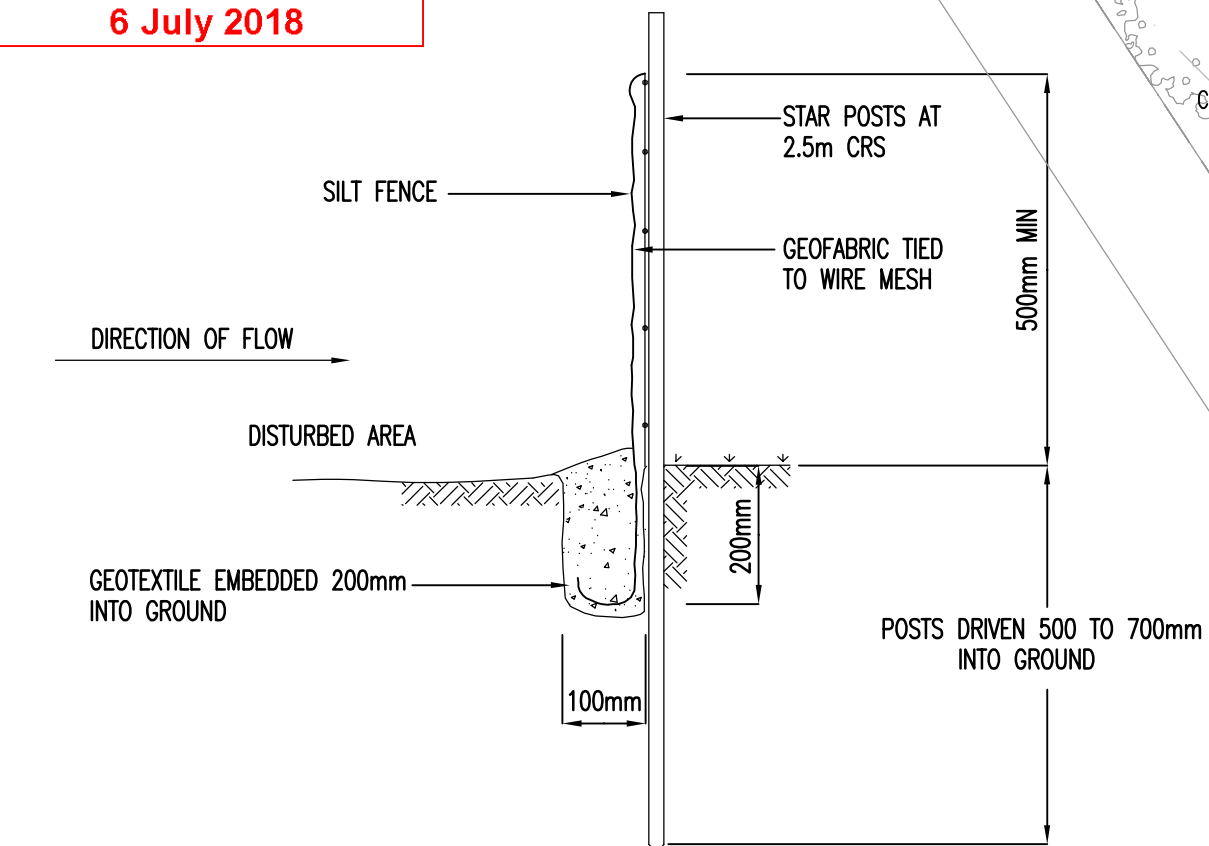
1. CONSTRUCT SILT TRAP FENCE WHERE INDICATED ON PLAN. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES. CONSTRUCT SEDIMENT CATCHMENT BASIN.
2. COMMENCE CONSTRUCTION PROVIDING DRAINAGE FROM TRENCH EXCAVATION TO SEDIMENT CATCHMENT BASIN.
3. SHOULD S.C.B. FILL TO WITHIN 60% OF CAPACITY, REMOVE SILT FROM SITE TO APPROVED DISPOSAL SITE.
4. CARRY OUT DAILY SITE INSPECTION OF SILT FENCES FOR STRUCTURAL DAMAGE.
5. PROVIDE SITE WATERING SHOULD WIND EROSION OCCUR.
6. REMOVE SILT FENCES AFTER LANDSCAPE IS COMPLETED & LAWN IS FULLY ESTABLISHED.

SEDIMENT CONTROL

1. ALL PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PREVENT THE TRANSPORTATION OF MATERIAL FROM THE AREA OF THE WORKS BY WINDS, STORMWATERS OR ARTIFICIAL MEANS.
2. THE SITE SHALL BE WATERED IN DRY PERIODS & SHOULD CLEARED AREAS BECOME BARREN, THEY SHALL BE SEEDED & WATERED TO PROMOTE VEGETATION COVER OF GRASS.
3. THE SEDIMENT CONTROL FABRIC OF FENCES INDICATED ON THE DRAWING SHALL BE TAKEN AS A MINIMUM PROTECTION MEASURE ONLY. EXTRA CONTROLS SHALL BE ESTABLISHED TO PROVIDE AN EFFECTIVE PROTECTION.
4. SUPPORT MEASURES SUCH AS HAY BALES SHALL BE USED IN AREAS OF STEEP SLOPES OR WHERE STREAM FLOW MAY OCCUR.

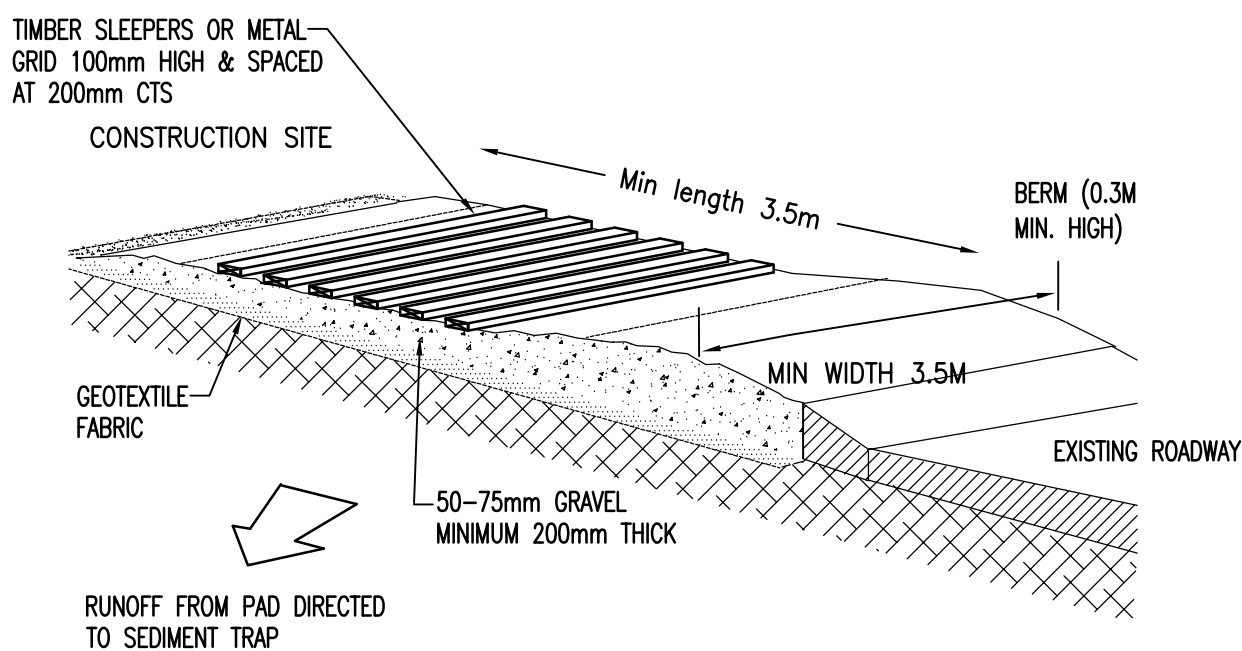
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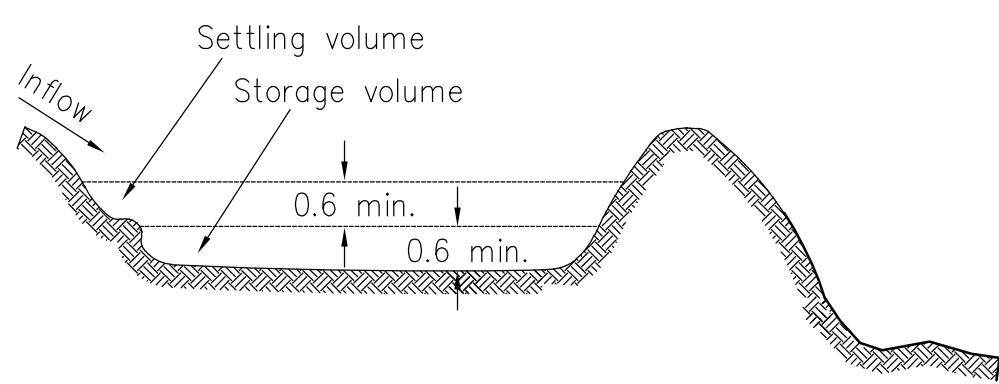
SILT FENCE DETAIL

N.T.S.



TEMPORARY CONSTRUCTION EXIT

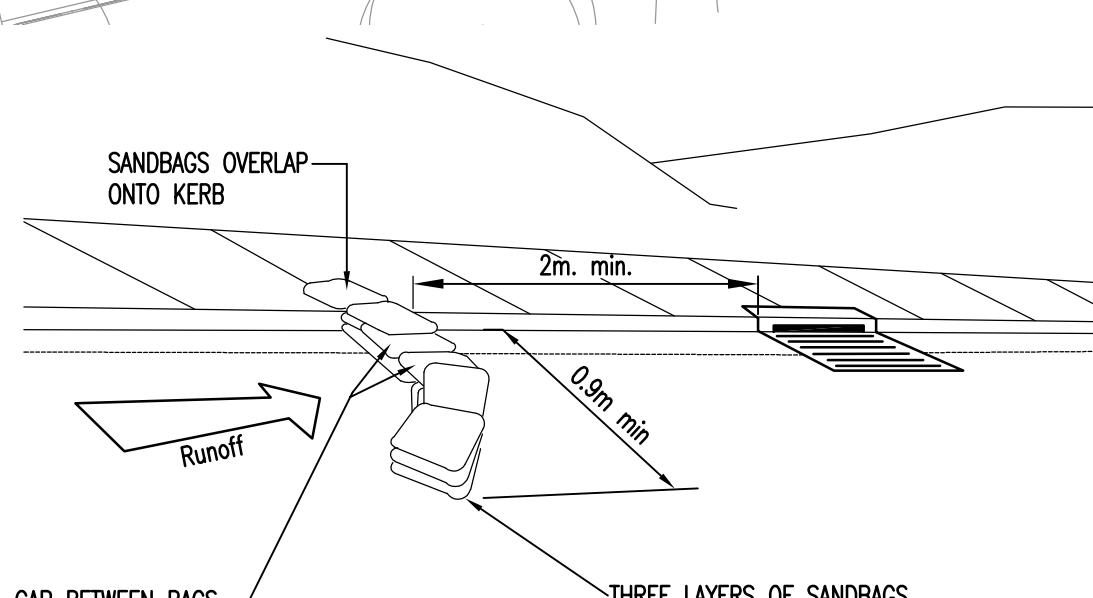
N.T.S.



TYPICAL SECTION AT SEDIMENT CATCHMENT BASIN

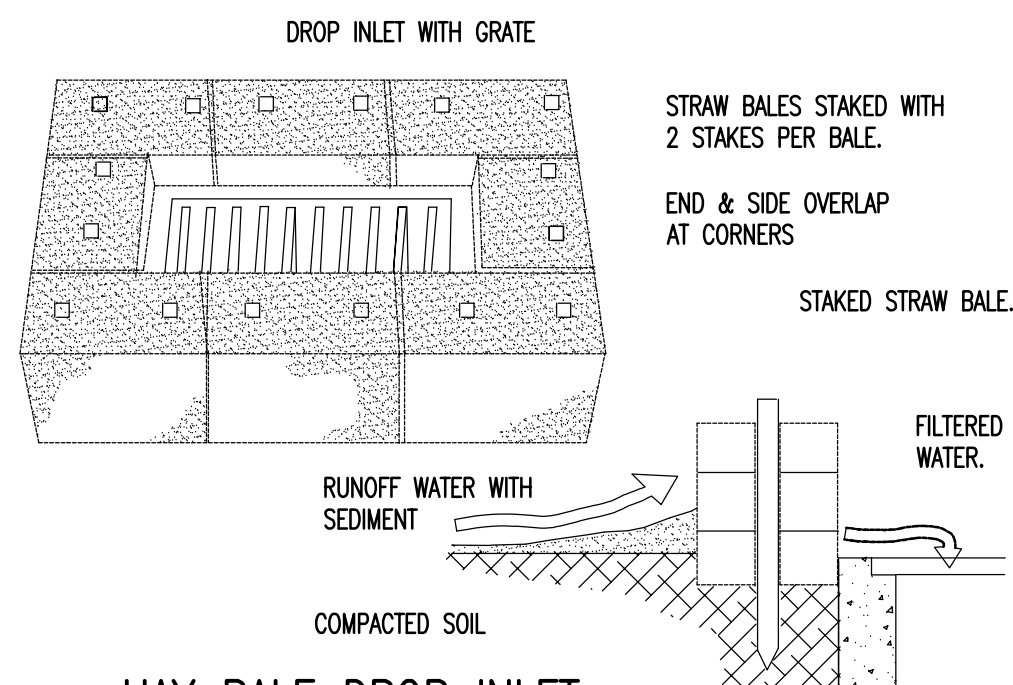
N.T.S.

TOTAL BASIN VOLUME CALCULATIONS:
 $Q_{tc} 0.25 (m^3/s) = 0.04611686$
AREA FACTOR = 4100
BASIN SURFACE AREA REQUIRED = 189.08m²
BASIN SURFACE AREA PROVIDED = 192m²
DEPTH OF SETTLING ZONE = 0.6m
SETTLING ZONE VOLUME = 115.2m³
SEDIMENT STORAGE VOLUME = 115.2m³
TOTAL BASIN VOLUME = 230.4m³
LENGTH = 24m
WIDTH = 8m



SANDBAG KERB INLET SEDIMENT TRAP

N.T.S.



HAY BALE DROP INLET

N.T.S.

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TITLE :
HYDRAULIC SERVICES
SITE SOIL & WATER
MANAGEMENT PLAN

Date :	NOV 2017	Drawn :	NG
Scales :	1:200 @ A1	Checked :	GH
Job No. :	172997	Cod File No. :	172997SW001
		Drawing No. :	SW001

86 Centenary Drive, Strathfield - Solar Access Analysis

BUILDING A

GROUND	2HR +	<2HR	NIL	NOTES	SHOULDER HOURS
1		*		15min @ 2-3pm	8am-9am, 3pm-4pm
2		*		15min @ 2-3pm	8am-9am, 3pm-4pm
3		*		15min @ 2-3pm	8am-9am, 3pm-4pm
4 Y					
5 Y					
6 Y					

ONE					
1			NIL		
2		*		1.5HR to POS, 2 HR to living	
3		*		15min @ 2-3pm	8am-9am, 3pm-4pm
4		*		15min @ 2-3pm	8am-9am, 3pm-4pm
5 Y					
6 Y					
7 Y					
8 Y					
9 Y					
10		*		15min @ 9am	8am-9am, 3pm-4pm
11			NIL		

TWO					
1			NIL		
2 Y				Refer to attached	
3		*		15min @ 2-3pm	8am-9am, 3pm-4pm
4		*		15min @ 2-3pm	8am-9am, 3pm-4pm
5 Y					
6 Y					
7 Y					
8 Y					
9 Y					
10		*		15min @ 9am	8am-9am, 3pm-4pm
11			NIL		

THREE					
1			NIL		
2 Y				Refer to attached	
3		*		15min @ 2-3pm	8am-9am, 3pm-4pm
4		*		15min @ 2-3pm	8am-9am, 3pm-4pm
5 Y					
6 Y					
7 Y					
8 Y					
9 Y					
10		*		15min @ 9am	8am-9am, 3pm-4pm

BUILDING B

GROUND	2HR +	<2HR	NIL	NOTES	SHOULDER HOURS
1			Nil		
2 Y					
3 Y					
4 Y					
5 Y					
6 Y					
7 Y					
8 Y					
9 Y					
10			Nil		

ONE					
1			Nil		
2 Y					
3 Y					
4 Y					
5 Y					
6 Y					
7 Y					
8 Y					
9 Y					
10			Nil		

TWO					
1			Nil		
2 Y					
3 Y					
4 Y					
5 Y					
6 Y					
7 Y					
8 Y					
9 Y					
10			Nil		

THREE					
1			Nil		
2 Y					
3 Y					
4 Y					
5 Y					
6 Y					
7 Y					
8 Y					

11			NIL		
----	--	--	-----	--	--

FOUR					
1			NIL		
2	Y			Refer to attached	
3		*		15min @ 2-3pm	8am-9am, 3pm-4pm
4		*		15min @ 2-3pm	8am-9am, 3pm-4pm
5	Y				
6	Y				
7	Y				
8	Y				
9	Y				
10		*		15min @ 9am	8am-9am, 3pm-4pm
11			NIL		

FIVE					
1			NIL		
2	Y				
3		*		1 hour @ 2pm	8am-9am, 3pm-4pm
4	Y				
5	Y				
6	Y				
7	Y				
8		*		15min @ 9am	8am-9am, 3pm-4pm
9			NIL		

SIX					
1			NIL		
2	Y			1pm-3pm	
3	Y			1pm-3pm	
4	Y				
5	Y				
6	Y				
7	Y				
8		*		15min @ 9am	8am-9am, 3pm-4pm
9			NIL		

SEVEN					
1	Y				
2	Y				
3	Y				
4	Y				
5	Y				
6	Y				
7			NIL		

EIGHT					
1	Y				
2	Y				
3	Y				

9	Y				
10			Nil		

FOUR					
1			Nil		
2	Y				
3	Y				
4	Y				
5	Y				
6	Y				
7	Y				
8	Y				
9	Y				
10			Nil		

FIVE					
1			Nil		
2	Y				
3	Y				
4	Y				
5	Y				
6	Y				
7	Y				
8	Y				
9	Y				
10			Nil		

SIX					
1			Nil		
2	Y				
3	Y				
4	Y				
5	Y				
6	Y				
7	Y				
8	Y				
9	Y				
10			Nil		

SEVEN					
1	Y				
2	Y				
3	Y				
4	Y				
5	Y				
6	Y				
7	Y				
8			Nil		

EIGHT					
-------	--	--	--	--	--

	4 Y				
	5 Y				
	6 Y				
	7		NIL		
	2hr +	<2hr	Nil		
TOTAL 49 19 14					

DEVELOPMENT TOTAL				
	2HR +	<2 HR	NIL	TOTAL
BUILDING A	49	19	14	82
BUILDING B	82	0	19	101
TOTAL UNITS	131	19	33	183
%	72%	10%	18%	

1			Nil		
2	Y				
3	Y				
4	Y				
5	Y				
6	Y				
7	Y				
8	Y				
9	Y				
10			Nil		

NINE					
1			Nil		
2	Y				
3	Y				
4	Y				
5	Y				
6	Y				
7	Y				
8			Nil		

TEN					
1	Y				
2	Y				
3	Y				
4	Y				
5	Y				
	2hr	<2hr	Nil		
TOTAL 82 0 19					