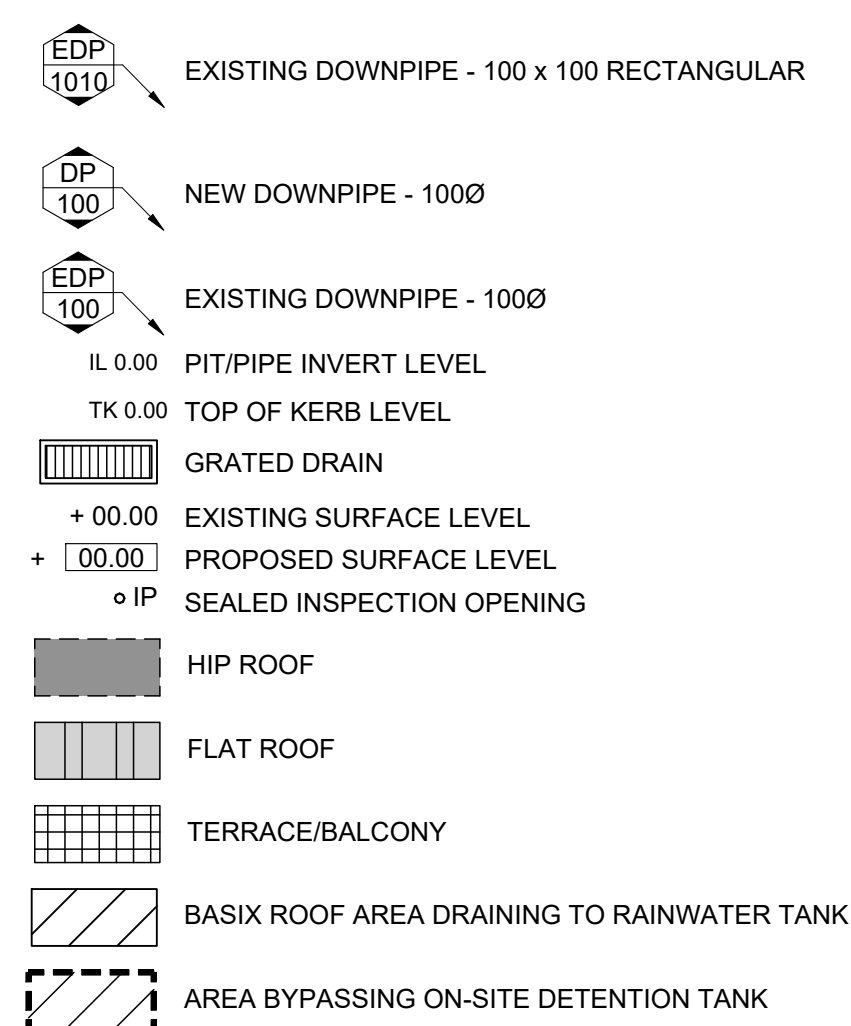


25 ADELAIDE STREET BELMORE

[illegible]

LEGEND


- FLOWPATH
- FLOOR WASTE
- FS-1 FLOW SPREADER AND DOWNPIPE TYPE 1
- PROPOSED GRATED PIT
- PROPOSED SEALED WATER TIGHT PIT
- RAINHEAD
- SUMP OVERFLOW
- PROPOSED STORMWATER PIPE - GRAVITY
- PROPOSED V-DRAIN
- PROPOSED STORMWATER PIPE - CHARGE
- PROPOSED RISING MAIN (PRESSURE PIPE)
- PROPOSED SUBSOIL DRAIN
- PROPOSED BUILDING
- PROPOSED CONTOURS
- PROPOSED BASEMENT CHANNEL

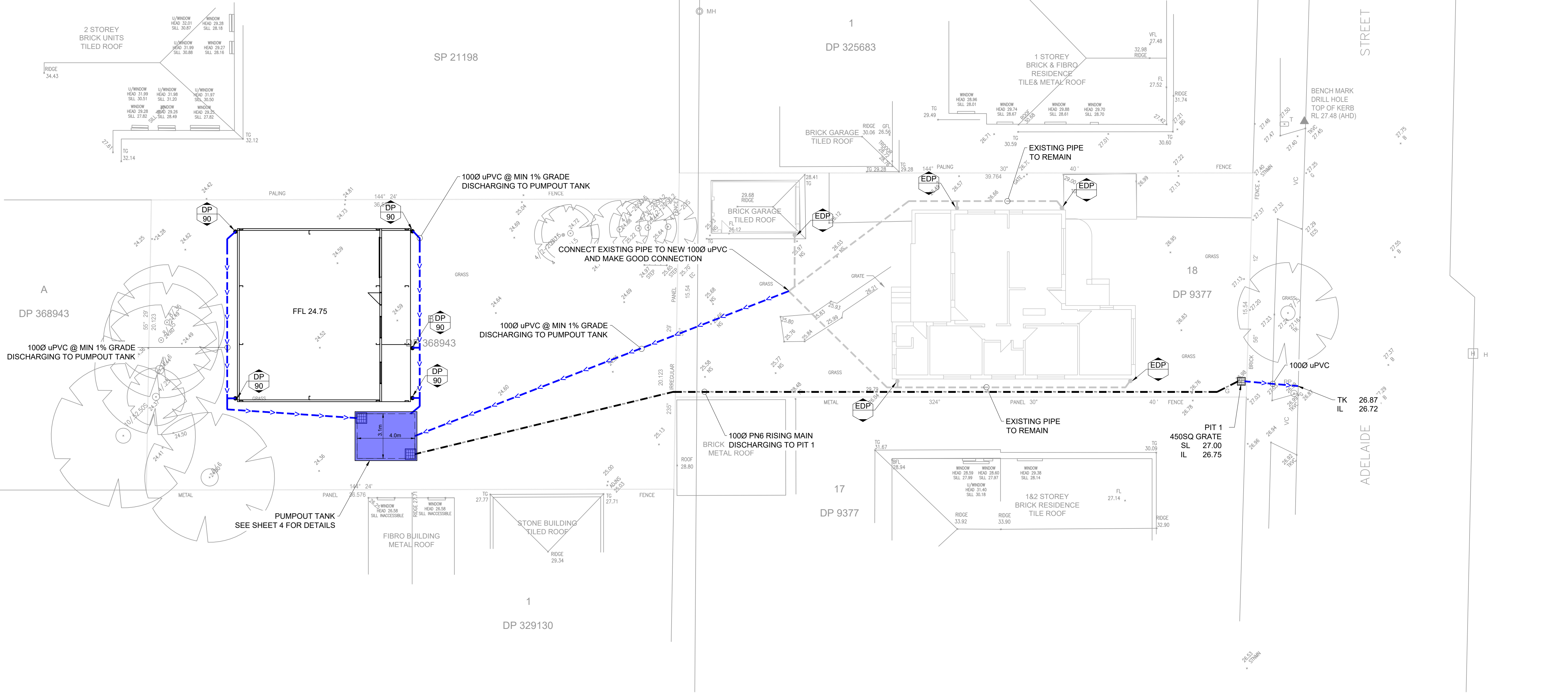


1. ALL PROPOSED PITS TO BE 450 x 450 CAST IN-SITU OR PRECAST PITS UNLESS SHOWN OTHERWISE.
2. ALL CHARGES TO BE 1000 uPVC SEWER CLASS UNLESS SHOWN OTHERWISE.
3. ALL DOWNPIPES TO BE 900 uPVC OR 100 x 50 UNLESS OTHERWISE SHOWN
4. ALL NON-PRESSURE STORMWATER PIPES TO BE 1000 uPVC UNLESS SHOWN OTHERWISE
5. ALL GRATED DRAINS TO BE MINIMUM 150 WIDE GALVANIZED HEAVY DUTY GRATES.
6. ALL NON-TRAFFICABLE PITS TO BE LIGHT DUTY. PITS IN TRAFFICABLE AREAS TO BE HEAVY DUTY.
7. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S SPECIFICATIONS.
8. ALL PITS GREATER THAN 1.2m DEPTH SHALL INCLUDE STEP IRONS AND HAVE MINIMUM CLEAR DIMENSIONS OF 600 x 600.
9. ALL PITS ARE TO BE BENCH TO ALLOW SMOOTH FLOW OF WATER THROUGH PITS
10. ALL DOWNPIPES SHALL CONFORM TO AS/NZS 1866 FOR ALUMINIUM PIPES AND AS 1254, AS/NZS 1260, AS 1273, AS/NZS 1477, AS/NZS 2179.2 AND AS 2032 FOR uPVC PIPES.
11. ALL BOX GUTTERS SHALL COMPLY WITH AS/NZS 2179.1
12. ALL BOX GUTTERS SHALL BE CONSTRUCTED WITH A MINIMUM 1:200 GRADE TO SUMP/DOWNPIPES
13. ALL DRAINAGE WORKS SHALL BE IN ACCORDANCE WITH AS 3500.3.2

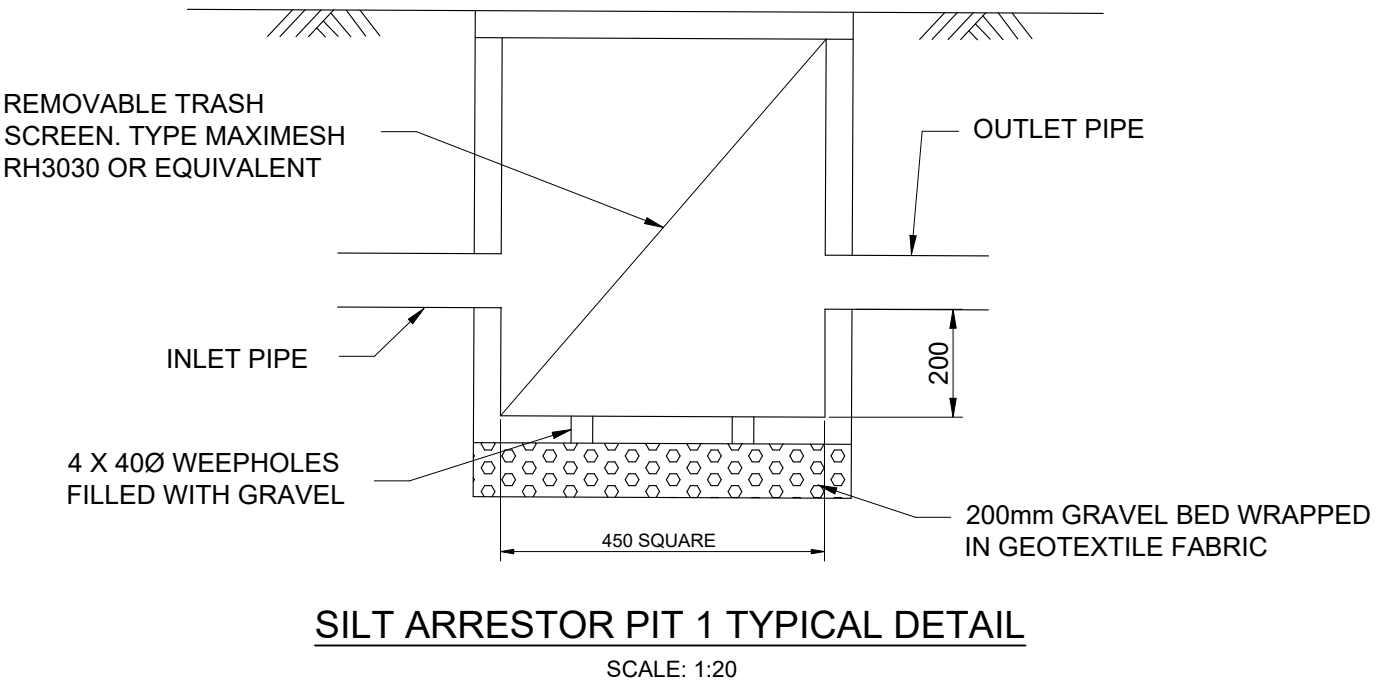
DOWNPIPE TYPE	CROSS SECTION AREA MIN. (mm2)	DOWNPIPE SIZES	
		ROUND	RECTANGULAR
90	8600	90Ø	-
100	11000	100Ø	-
125	12900	125Ø	-
150	24700	150Ø	-
1050	8600	-	100 X 50
1075	12900	-	100 X 75
1010	17100	-	100 x 100
1210	21500	-	125 x 100
1515	24700	-	150 x 150

FOR DA APPROVAL

SURVEYOR HARRISON FRIEDMANN	0	DA ISSUE	21/11/2024				C.K. ENGINEERING SERVICES ABN 67 115 216 496 49 FLORA ST ROSELANDS, NSW 2196 MOB: 0403 329 327 EMAIL: ckatsoulas@gmail.com	CLIENT: KYRIAKOS KARAGIANNIS	DRAWING TITLE: STORMWATER DETAIL PLAN	DRAWN: M.P.	SIGNED: 	DATE: NOVEMBER 2024
ARCHITECT -								DESIGNED: C.K.		SCALE: AS SHOWN		
CONSULTANT -	No.	AMMENDMENT	DATE	No.	AMMENDMENT	DATE		PROJECT: 25 ADELAIDE STREET, BELMORE		CHECKED: C.K.	DATUM: AHD	
					DO NOT SCALE					JOB & DRAWING No: 242601	No. IN SET: 1 OF 5	ISSUE: 0

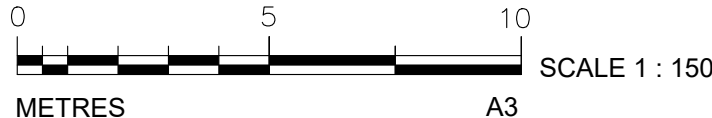


SITE PLAN
SCALE: 1:150



SILT ARRESTOR PIT 1 TYPICAL DETAIL
SCALE: 1:20

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ENGINEERS AUSTRALIA
Con Katsoulas
BE (Civil), MIEAust, CPEng No. 449924

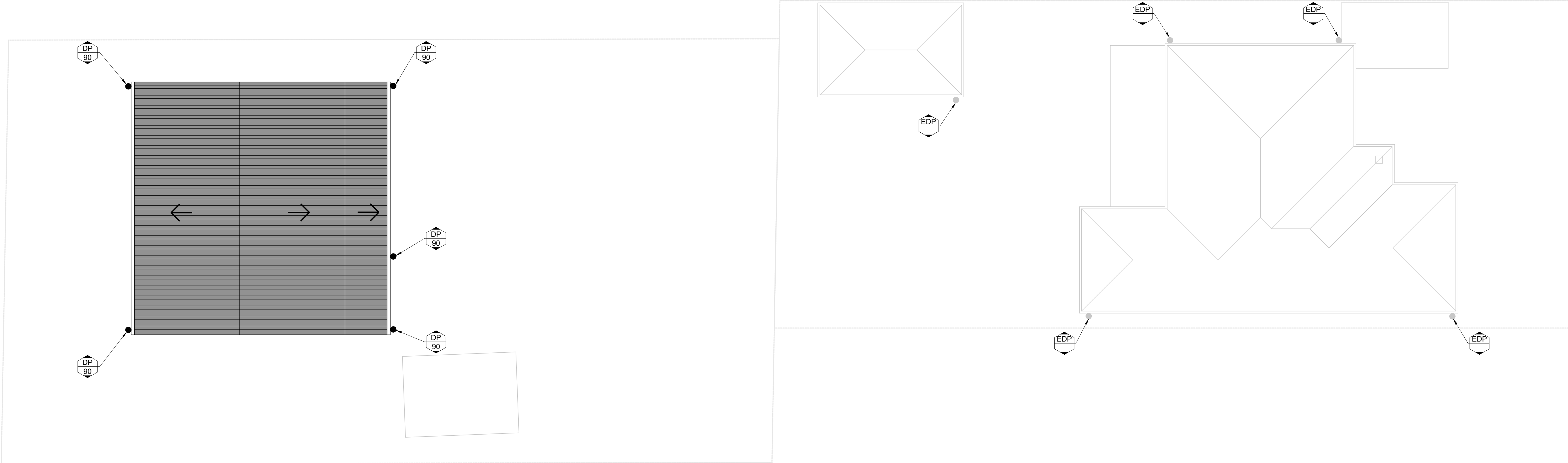
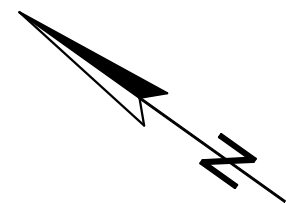


FOR DA APPROVAL

ALL PIPES TO BE 100Ø uPVC
UNLESS OTHERWISE SHOWN

ALL GUTTERS TO HAVE MIN.
8600mm2 X-SECT AREA.

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ARCHITECT -							PROJECT: 25 ADELAIDE STREET, BELMORE				
CONSULTANT -	No.	AMMENDMENT	DATE	No.	AMMENDMENT	DATE			JOB & DRAWING No:	242601	No. IN SET: 2 OF 5 ISSUE: 0
					DO NOT SCALE						




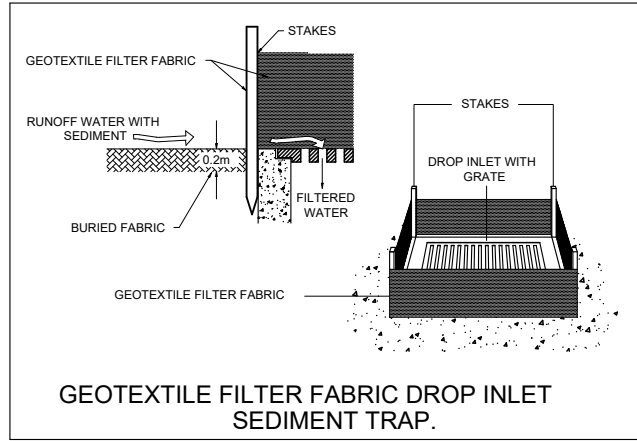
ROOF PLAN
SCALE: 1:100

**National Engineering Register**
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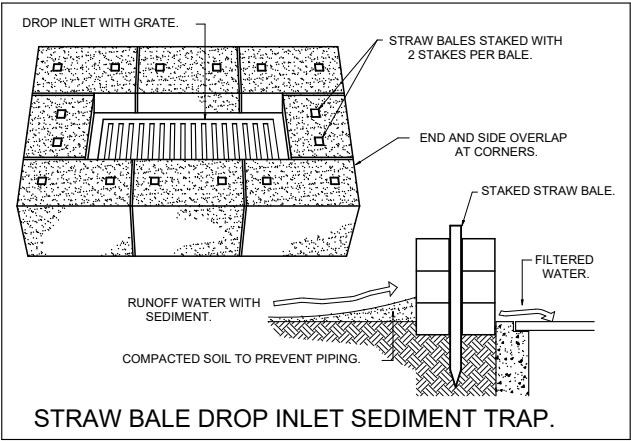


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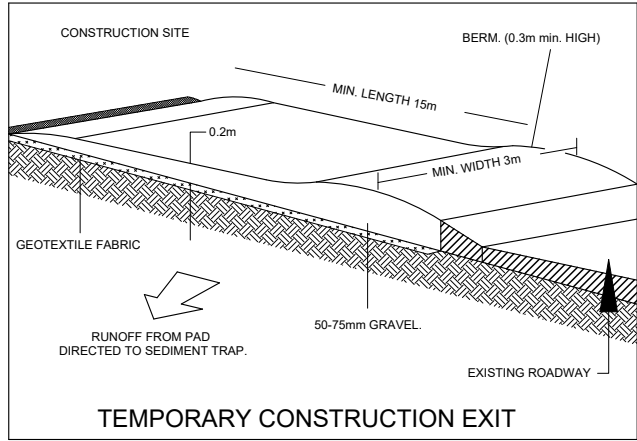
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ARCHITECT -								PROJECT: 25 ADELAIDE STREET, BELMORE		DESIGNED: C.K.		SCALE: AS SHOWN
CONSULTANT -	No.	AMMENDMENT	DATE	No.	AMMENDMENT	DATE				CHECKED: C.K.		DATUM: AHD
							DO NOT SCALE		JOB & DRAWING No:	242601	No. IN SET: 3 OF 5	ISSUE: 0



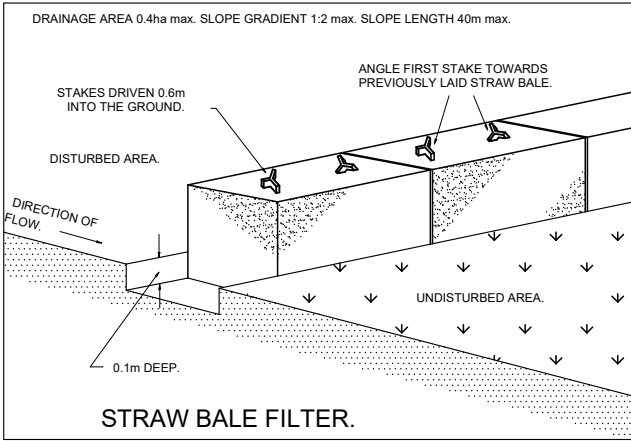
DETAIL 1



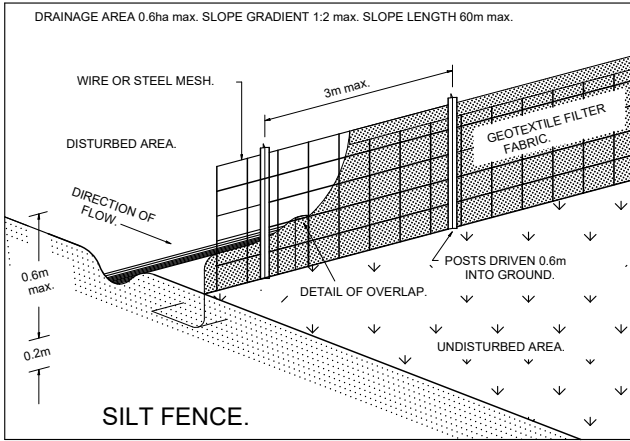
DETAIL 2



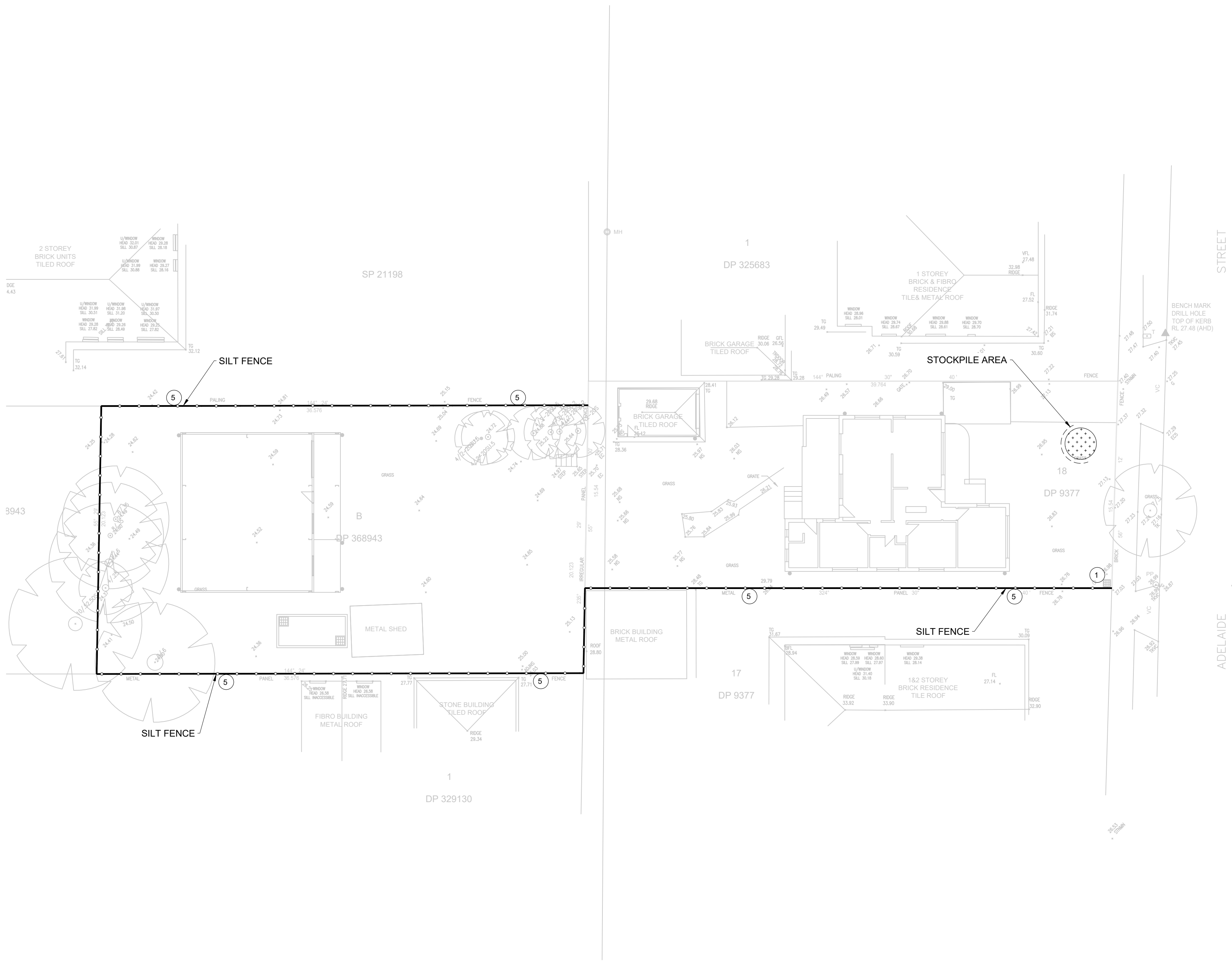
DETAIL 3



DETAIL 4



DETAIL 5




EROSION AND SEDIMENT CONTROL PLAN
SCALE: 1:200

EROSION CONTROL NOTES:

1. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S STANDARD SPECIFICATIONS AND TO THE SATISFACTION OF COUNCIL'S ENGINEER.
2. EROSION AND SEDIMENTATION CONTROLS SHALL BE CONSTRUCTED AS SHOWN ON SHEET 2 AND 3 OF THIS PLAN AND/OR WHERE DIRECTED BY COUNCIL'S ENGINEER.
3. SEDIMENTATION AND EROSION CONTROL DEVICES SHALL BE IMPLEMENTED PRIOR TO OR IN CONJUNCTION WITH THE FIRST PHASE OF EARTHWORKS AND SHALL BE REMOVED ONLY WHEN THE AREAS ABOVE IT HAVE BEEN STABILISED. EACH SEDIMENTATION AND EROSION CONTROL DEVICE SHALL BE INSPECTED AFTER EACH STORM FOR STRUCTURAL DAMAGE OR CLOGGING BY SILT AND OTHER DEBRIS AND PROMPTLY DESILTED, REPAIRED OR REPLACED IF REQUIRED.
4. TOPSOIL STOCKPILES SHALL BE LOCATED OUTSIDE HAZARD AREAS SUCH AS DRAINAGE DEPRESSIONS.
5. ALL AREAS NOT SUBJECT TO CONSTRUCTION WORKS SHALL BE RETAINED FREE FROM DISTURBANCE OR DAMAGE FOR THE DURATION OF THE WORKS.
6. TREES TO BE RETAINED SHALL BE PROTECTED DURING SITE WORKS AND CONSTRUCTION BY THE ERECTION OF SOLID BARRICADES AT THE DRIP LINE OR AS SPECIFIED BY COUNCIL'S ENGINEER.
7. THE DEVELOPER OR CONTRACTOR WILL TAKE ALL MEASURES TO PREVENT DAMAGE TO TREES AND ROOT SYSTEMS DURING SITE WORKS AND CONSTRUCTION ACTIVITIES INCLUDING THE PROVISION OF WATER, SEWERAGE AND STORMWATER DRAINAGE SERVICES. IN PARTICULAR, WORKS, ERECTION OF STRUCTURES, EXCAVATION OR CHANGES TO SOIL LEVELS WITHIN 4 METRES OF THE TRUNKS OF TREES TO BE RETAINED ARE NOT PERMITTED UNLESS PART OF THE DEVELOPMENT AS APPROVED, AND THE STORAGE OF SPOIL, BUILDING MATERIALS, SOILS OR THE DRIVING OR PARKING OF ANY VEHICLE OR MACHINERY WITHIN 4 METRES OF THE TRUNK OF A TREE TO BE RETAINED, IS NOT PERMITTED.
8. WETTING OF THE SITE SHOULD BE CARRIED OUT AS OFTEN AS NECESSARY AS A FORM OF DUST CONTROL.
9. SILT FENCES TO BE CONSTRUCTED WHERE EVER NATURAL SURFACE SLOPES AWAY FROM DISTURBED AREAS OR WHERE DIRECTED BY THE ENGINEER.

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ARCHITECT -										DESIGNED: C.K.		SCALE: AS SHOWN	
CONSULTANT -	No.	AMMENDMENT	DATE	No.	AMMENDMENT	DATE		PROJECT: 25 ADELAIDE STREET, BELMORE		CHECKED: C.K.		DATUM: AHD	
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