

**105 ERNEST STREET
LAKEMBA**


[illegible]

	FLOWPATH		IL 0.00 PIT/PIPE INVERT LEVEL
	FLOOR WASTE		TK 0.00 TOP OF KERB LEVEL
	FS-1 FLOW SPREADER AND DOWNPIPE TYPE 1		GRADED DRAIN
	PROPOSED GRATED PIT		+ 00.00 EXISTING SURFACE LEVEL
	PROPOSED SEALED WATER TIGHT PIT		+ 00.00 PROPOSED SURFACE LEVEL
	RAINHEAD		● IP SEALED INSPECTION OPENING
	SUMP OVERFLOW		● DP-1 DOWNPIPE - TYPE 1
	PROPOSED STORMWATER PIPE - GRAVITY		HIP ROOF
	PROPOSED V-DRAIN		FLAT ROOF
	PROPOSED STORMWATER PIPE - CHARGED		TERRACE/BALCONY
	PROPOSED RISING MAIN (PRESSURE PIPE)		BASIX ROOF AREA DRAINING TO RAINWATER TANK
	PROPOSED SUBSOIL DRAIN		AREA BYPASSING ON-SITE DETENTION TANK
	PROPOSED BUILDING - GROUND FLOOR		
	PROPOSED BUILDING - FIRST FLOOR		
	PROPOSED CONTOURS		

1. ALL PROPOSED PITS TO BE 450 x 450 CAST IN-SITU OR PRECAST PITS UNLESS SHOWN OTHERWISE.
2. ALL CHARGED LINE PIPES TO BE 100Ø uPVC SEWER CLASS UNLESS SHOWN OTHERWISE
3. ALL DOWNPIPES TO BE 90Ø uPVC OR 100 x 50 UNLESS OTHERWISE SHOWN
4. ALL NON-PRESSURE STORMWATER PIPES TO BE 100Ø 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 COUNCILS 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 BENCHED 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	DOWNPIPE SIZES	
	ROUND	RECTANGULAR
1	90Ø	100 X 75
2	100Ø	100 X 75
3	125Ø	100 X 100
4	150Ø	150 X 150

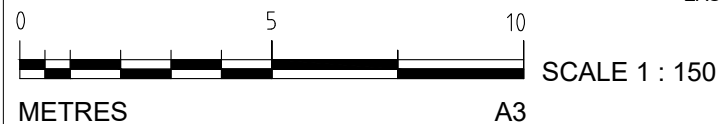
FOR DA APPROVAL

SURVEYOR ORION SURVEYING	0	DA ISSUE	17/04/21				C.K. ENGINEERING SERVICES ABN 67 115 216 496 49 FLORA ST ROSELANDS, NSW 2196 MOB: 0403 329 327 EMAIL: ckatsoulas@gmail.com	CLIENT: NK ARCHITECT	DRAWING TITLE: INDEX	DRAWN: M.P.	SIGNED: 	DATE: FEBRUARY 2022
	1	DA ISSUE - AMEND TO ARCHITECTS REVISION 15/12/21	19/01/22							SCALE: AS SHOWN		
ARCHITECT N K ARCHITECT	2	DA ISSUE - PROVIDE BELOW GROUND TANK	18/02/22					DATUM: AHD				
CONSULTANT -	No.	AMMENDMENT	DATE	No.	AMMENDMENT	DATE		JOB & DRAWING No: 21266 No. IN SET: 1 OF 6 ISSUE: 2				
	DO NOT SCALE											



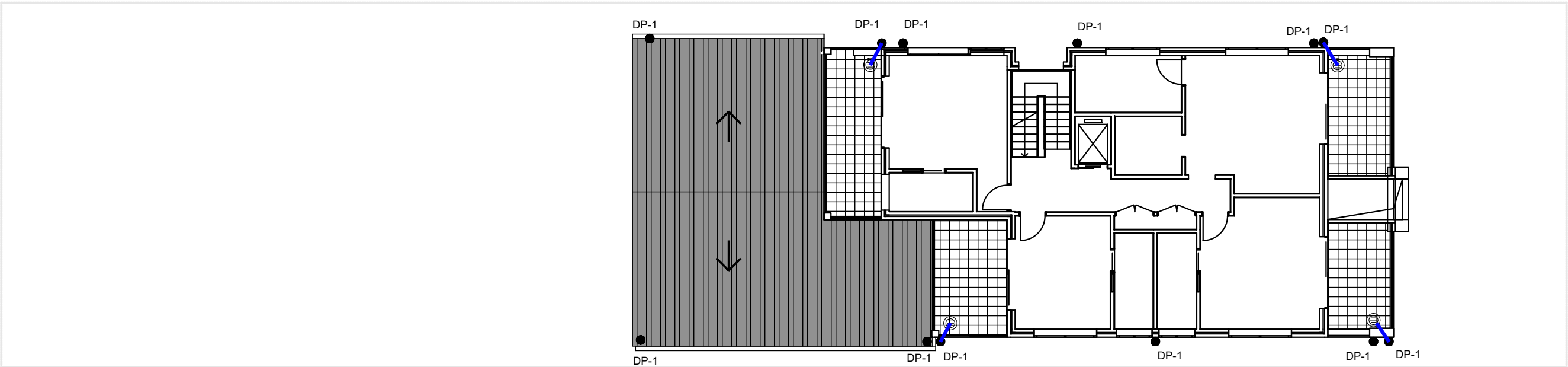
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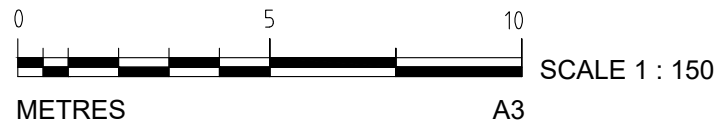
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	1	DA ISSUE - AMEND TO ARCHITECTS REVISION 15/12/21	19/01/22			ABN 67 115 216 496	NK ARCHITECT	STORMWATER DETAIL PLAN	DESIGNED: C.K.		SCALE: AS SHOWN
ARCHITECT N K ARCHITECT	2	DA ISSUE - PROVIDE BELOW GROUND TANK	18/02/22			49 FLORA ST ROSELANDS, NSW 2196	PROJECT:		CHECKED: C.K.		DATUM: AHD
CONSULTANT	No.	AMMENDMENT	DATE	No.	AMMENDMENT	DATE	105 EARNEST STREET, LAKEMBA		JOB & DRAWING No:	21266	No. IN SET: 2 OF 6
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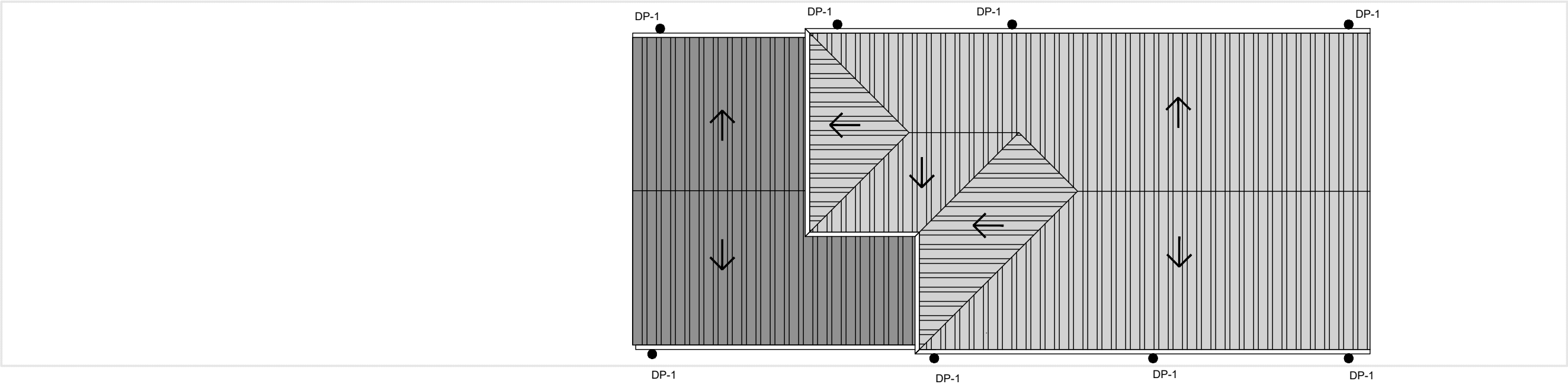
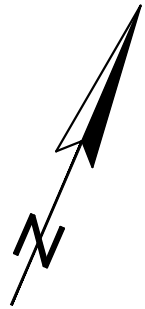
FIRST FLOOR PLAN

SCALE: 1:150



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N K ARCHITECT	2	DA ISSUE - PROVIDE BELOW GROUND TANK	18/02/22						CHECKED: C.K.		DATUM: AHD		
CONSULTANT	No.	AMMENDMENT	DATE	No.	AMMENDMENT	DATE			PROJECT: 105 EARNEST STREET, LAKEMBA		JOB & DRAWING No: 21266	No. IN SET: 4 OF 6	ISSUE: 2
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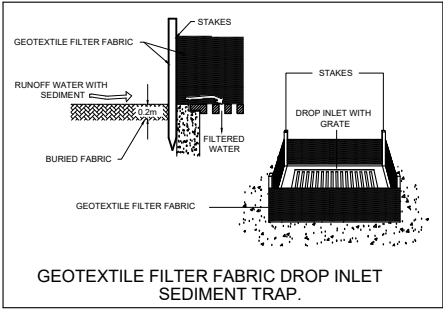
ROOF PLAN
SCALE: 1:150



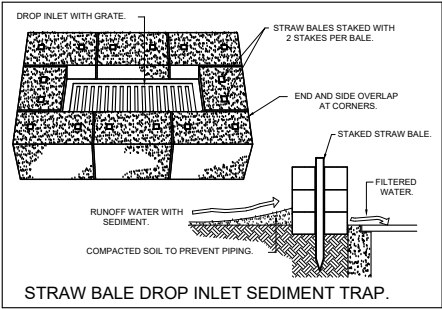
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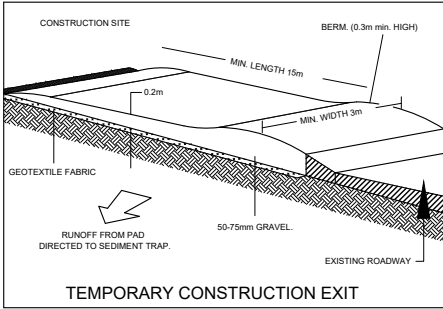
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CONSULTANT -	No.	AMMENDMENT	DATE	No.	AMMENDMENT	DATE		PROJECT: 105 EARNEST STREET, LAKEMBA		JOB & DRAWING No: 21266		No. IN SET: 5 OF 6	ISSUE: 2
					DO NOT SCALE								



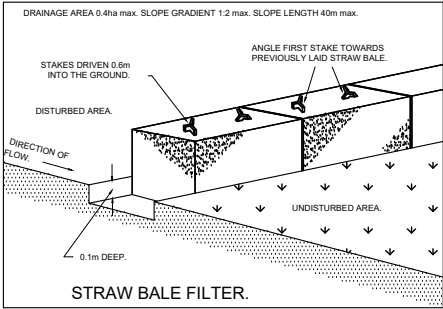
DETAIL 1



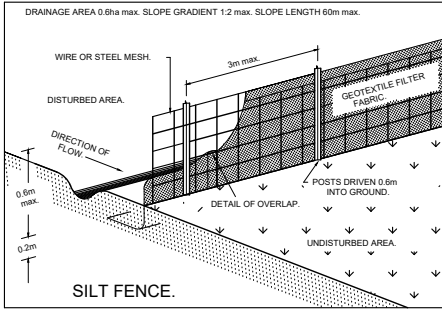
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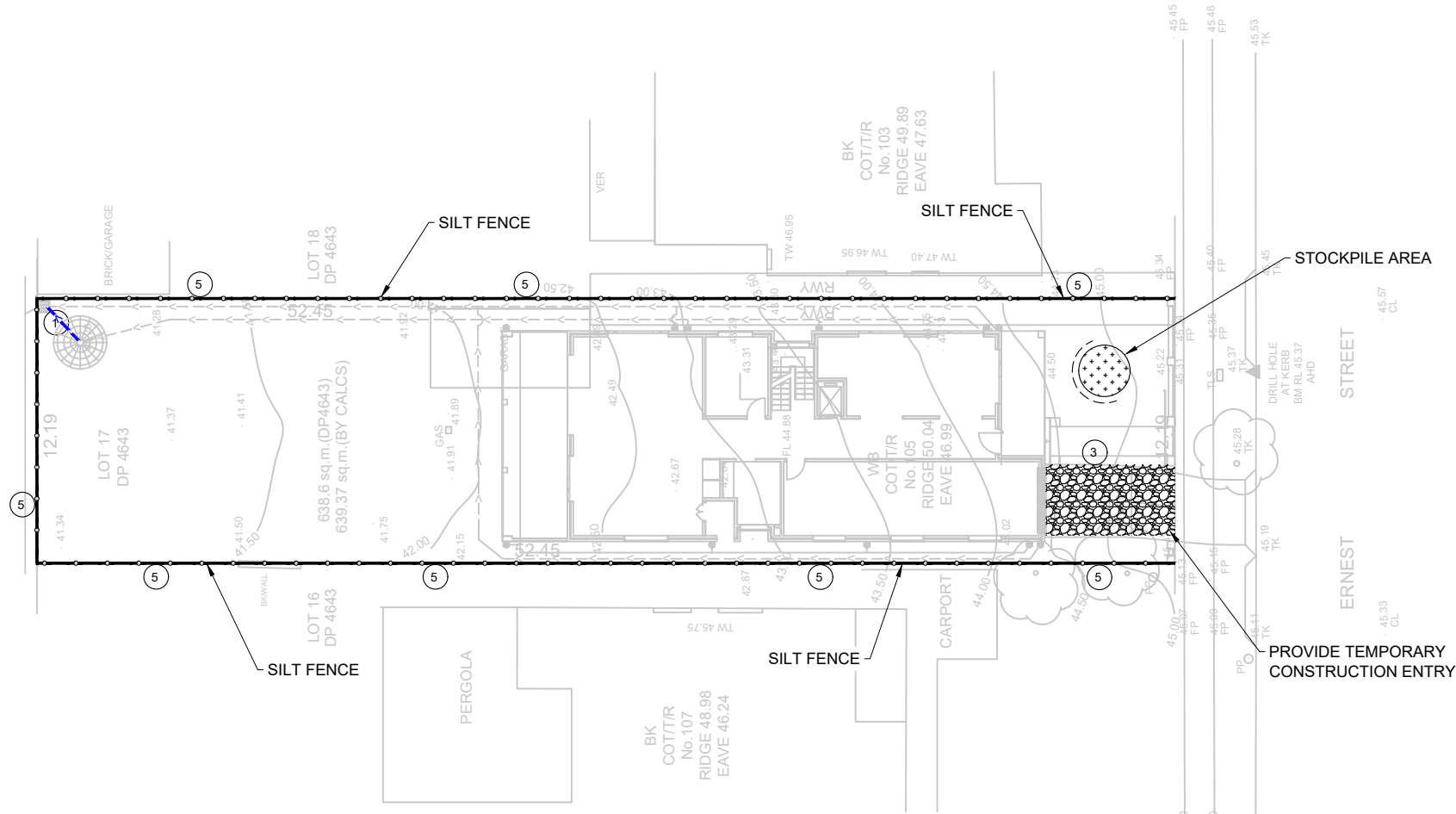
DETAIL 3



DETAIL 4



DETAIL 5



EROSION CONTROL NOTES:


- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S STANDARD SPECIFICATIONS AND TO THE SATISFACTION OF COUNCIL'S ENGINEER.
- 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.
- 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.
- TOPSOIL STOCKPILES SHALL BE LOCATED OUTSIDE HAZARD AREAS SUCH AS DRAINAGE DEPRESSIONS.
- ALL AREAS NOT SUBJECT TO CONSTRUCTION WORKS SHALL BE RETAINED FREE FROM DISTURBANCE OR DAMAGE FOR THE DURATION OF THE WORKS.
- 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.
- 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.
- WETTING OF THE SITE SHOULD BE CARRIED OUT AS OFTEN AS NECESSARY AS A FORM OF DUST CONTROL.
- SILT FENCES TO BE CONSTRUCTED WHERE EVER NATURAL SURFACE SLOPES AWAY FROM DISTURBED AREAS OR WHERE DIRECTED BY THE ENGINEER.

EROSION PLAN
SCALE: 1:300

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CONSULTANT -	No.	AMMENDMENT	DATE	No.	AMMENDMENT	DATE		PROJECT: 105 EARNEST STREET, LAKEMBA		JOB & DRAWING No: 21266	No. IN SET: 6 OF 6	ISSUE: 2
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