# STORWATER CONCEPT PLAN AT 2A EDGECLIFFE ESPLANADE, SEAFORTH, NSW

#### GENERAL NOTES

- 1. ALL LINES ARE TO BE MIN. 100Ø UPVC @ MIN 1.0% GRADE UNLESS NOTED OTHERWISE.
- 2. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE & LEVEL ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS. ALL DESIGN LEVELS SHOWN ON PLAN SHALL BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORK.
- 3. ALL PIPES TO HAVE MIN 200mm COVER IF LOCATED WITHIN PROPERTY (300mm IF LOCATED IN BLACKTOWN CITY COUNCIL)
- 4. ALL PITS IN DRIVEWAYS BE HEAVY DUTY GRATES. DIRECT SURFACE FLOW TO ALL GRATED SURFACE INLET PITS.
- 5. ALL WORK DO BE DONE IN ACCORDANCE WITH COUNCIL'S DCP AND TO COUNCIL'S SATISFACTION.
- 6. LOCATION OF DOWNPIPES & FLOOR WASTES ARE INDICATIVE ONLY. DOWNPIPE & FLOOR WASTE SIZE, LOCATION & QUANTITY TO BE DETERMINED BY BUILDER & IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS.
- 7. THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, LANDSCAPE AND STRUCTURAL PLANS.
- 8. ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE DESIGN ENGINEER AND COUNCIL ENGINEER FOR RESOLUTION.
- 9. ALL PITS OR GRATES IN TRAFFICABLE AREAS TO BE HEAVY DUTY.
- 10. ALL GUTTERS WILL BE FITTED WITH LEAF GUARDS AND SHOULD BE INSPECTED AND CLEANED TO ENSURE LEAF LITTER CANNOT ENTER THE
- 11. ALL PIT GRATES ON SITE MUST BE HINGED WITH J-BOLT LOCKDOWN SYSTEM.
- 12. PITS DEEPER THAN 1m REQUIRE STEP IRONS IN A STAGGERED MANNER. THE DEPTH OF ANY PIT IN EXCESS OF 2m SHALL BE STRUCTURALLY DESIGNED AND CERTIFIED BY A STRUCTURAL ENGINEER AND SUBMITTED TO COUNCIL FOR APPROVAL.
- 13. PROVIDE GRATED DRAIN IN ALL OPEN AREAS TO THE SKY INCLUDING STAIRS AND CONNECT TO NEAREST STORMWATER SYSTEM.
- 14. PROVIDE EMERGENCY SPITTERS TO ALL BALCONIES.
- 15. PROVIDE AGG PIPE IN ALL LANDSCAPE AREA AND CONNECT TO THE STORMWATER DRAINAGE SYSTEM.
- 16. PROVIDE AGG PIPE BEHIND THE RETAINING WALL AND CONNECT TO THE STORMWATER DRAINAGE SYSTEM.
- 17. TOP OF KERB AND INVERT OF GUTTER LEVELS & SERVICES ARE TO BE CHECKED ON SITE PRIOR ANY SITE WORK, INCLUDING CONSTRUCTION OF INTERNAL DRAINAGE SYSTEM. CONTACT ENGINEER IMMEDIATELY IF LEVEL VARIES FROM DESIGN DRAWING.
- 18. ALL RETAINING WALL FOR ABOVE GROUND OSD/BIORETENTION BASIN TO BE FULLY
- CONSTRUCTED WITHIN THE PROPERTY BOUNDARY. 19. ALL GRATED DRAINS AND PITS WITHIN ACCESSIBLE
- 20. ALL PITS AND GRATED DRAINS TO BE PRECAST CONCRETE UNLESS IN A NON-TRAFFICABLE LANDSCAPE AREA.

AREAS TO BE SLIP PROOF HEEL GUARD GRATING.

21. ALL FLOOR WASTES INSTALLED ON SITE TO BE COMPLIANT WITH AUSTRALIAN STANDARDS AND BCA, CERTIFICATE FROM SUPPLIER TO CONFIRM ADEQUACY WILL BE REQUIRED.

#### NOTE RE. SERVICES APPROXIMATE LOCATIONS OF EXISTING SERVICES SHOWN

**EXACT LOCATIONS & DEPTHS** TO BE ACURATELY LOCATED BY BUILDER CONTRACTOR BY CONTACTING THE RELEVANT AUTHORTIES BEFORE COMMENCEMENT OF ANY WORKS



#### ON-SITE **DETENTION NOTE:**

THE OSD BASIN/TANK IS TO BE BUILT TO THE CORRECT LEVEL & SIZE AS PER THIS DESIGN. ANY VARIATIONS ARE TO BE DONE UNDER CONSULTATION FROM OUR OFFICE ONLY. ANY AMENDMENTS WITHOUT OUR APPROVAL WOULD RESULT IN ADDITIONAL FEES FOR REDESIGN AT OC STAGE OR IF A SOLUTION CANNOT BE FOUND, RECONSTRUCTION IS REQUIRED UNDER THE

CONTRACTOR'S EXPENSES.

SURFACE INLET PIT DIMENSION *TABLE 7.5.2.1 AS3500.3-2018										
		MINIMUM INTERNAL DIMENSIONS (mm)								
	O INVERT UTLET	RECTAI	CIRCULAR							
		WIDTH	LENGTH	DIAMETER						
	≤450	350	350	-						
>450	≤600	450	450	600						
>600	≤900	600	600	900						
>900	≤1200	600	900	1000						
>1200		900	900	1000						

#### NOTES: DRAINAGE LINES DRAINAGE LINES SHOWN \_\_\_\_\_ TO COLLECT SURFACE WATER DRAINAGE LINES SHOWN \_\_\_\_\_ RWT \_\_\_\_\_ TO COLLECT ROOF WATER ONLY TO RAINWATER TANK

**=====:** STORMWATER PIPE @1% MIN. U.N.O. \*TABLE 6.3.4 AS.3500.3-2018 P1: 100Ø UPVC PIPE AT 1.0% MIN. GRADE P2: 150Ø UPVC PIPE AT 1.0% MIN. GRADE P3: 225Ø UPVC PIPE AT 0.5% MIN. GRADE : 300Ø UPVC PIPE AT 0.4% MIN. GRADE P5: 375Ø UPVC PIPE AT 0.4% MIN. GRADE

P6: 450Ø RCP PIPE AT 0.4% MIN. GRADE

: 100Ø DOWN PIPE U.N.O.

\* NEW LEVEL ← EXISTING LEVEL

PROVIDE 150mm GAP UNDER THE FENCE AND IF BLOCK WALL PROVIDED, THEN PROVIDE OPENING FOR EMERGENCY OVERFLOW.

LEGEND							
<u> </u>							
	STORMWATER DRAINAGE PIPE						
RVT	DOWNPIPE TO RAINWATER TANK	-					
PERSON PERSON	CAST IN SLAB PIPE (Ø100 U.N.O)						
— 22D—	SUBSOIL DRAINAGE PIPE (Ø100mm U.N.O)						
• DP	DOWN PIPE (Ø100 U.N.O)						
• VD	VERTICAL DROP PIPE (Ø100 U.N.O)						
• VR	VERTICAL RISER						
• IO	INSPECTION OPENING						

CLEANING EYE MASONRY/BLOCK RETAINING WALL

FLUSHING POINT (Ø100 U.N.O) FLOOR WASTE (Ø100 U.N.O) RAINWATER OUTLET (Ø300 U.N.O)

DISH DRAIN OUTLET (Ø100 U.N.O) OVERFLOW FLOOR WASTE (Ø100 U.N.O)

SEALED PIT GRATED INLET PIT GRATED DRAIN

OVERLAND FLOW PATH SPREADER TEE CONFIGURATION SPREADER L CONFIGURATION EMERGENCY SPITTER (Ø65 U.N.O)

EXISTING LEVEL HIGH POINT

PIT

## DRAWING SCHEDULE

DRAWING No.	DRAWING TITLE
D00	COVER SHEET, LEGEND & DRAWING SCHEDULE
D01	GROUND FLOOR/SITE STORMWATER DRAINAGE PLAN
D02	SITE STORMWATER DRAINAGE DETAILS
D03	EROSION AND SEDIMENT CONTROL PLAN AND DETAILS

#### **ABBREVIATIONS**

DN DIAMETER

DP DOWNPIPE

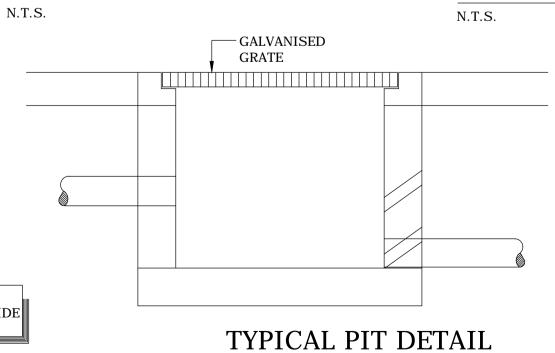
EX EXISTING

HL HIGH LEVEL

CL CENTRELINE LEVEL IO INSPECTING OPENING CONV. PIPE CONVERTER JP JUNCTION PIT D/S DOWNSTREAM KIP KERB INLET PIT DDO DISH DRAIN OUTLET LL LOW LEVEL O/F OVERFLOW OB OBVERT LEVEL OSD ON-SITE DETENTION FFL FINISHED FLOOR LEVEL PROP. PROPOSED GL GROUND LEVEL PVC POLYVINYLCHLORIDE GMS GALVANISED MILD STEEL RL REDUCE LEVEL GSIP GROUND SURFACE INLET RW RETAINING WALL RWT RAINWATER TANK GTD GRATED TRENCH DRAIN S/S STAINLESS STEEL H.H HEADHEIGHT SL SURFACE LEVEL STW STORMWATER IL INVERT LEVEL TK TOP OF KERB

U/S UPSTREAM

450 X 450 HINGED GRATE (MIN) HINGED GRATE OUTLET PIPE (MIN) TYPICAL PIT SECTION STANDARD PIT





LOCALITY SKETCH NOT TO SCALE

#### 

## NOT FOR CONSTRUCTION

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A	FOR D.A. APPROVAL	N.L.	B.V.	30-10-24						
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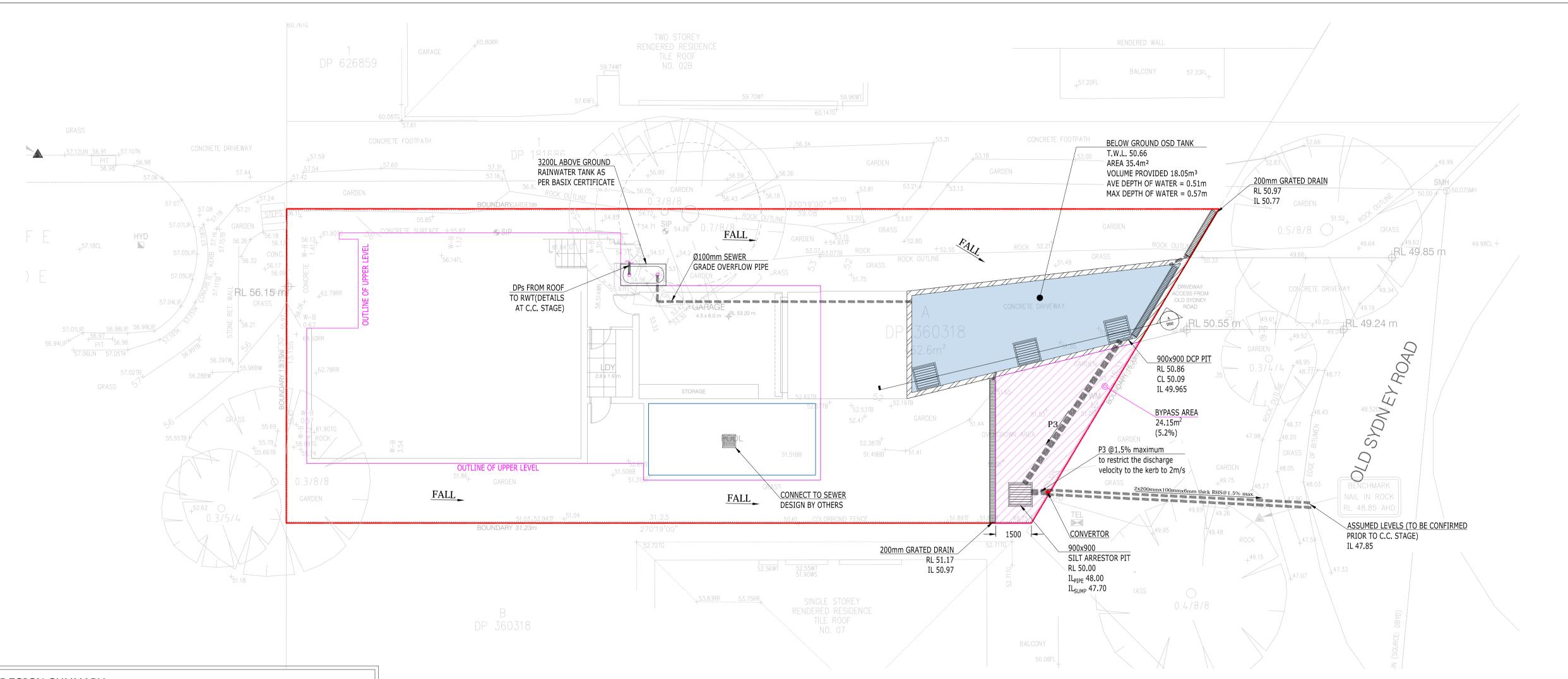
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PROPOSED NEW RESIDENTIAL DWELLING AT 2A EDGECLIFFE ESPLANADE. SEAFORTH, NSW

CONSENT AUTHORITY: NORTHERN BEACHES COUNCIL SHEET SUBJECT COVER SHEET, LEGEND AND

DRAWING SCHEDULE

PROJECT 2A EDGECLIFFE ESPLANADE, SEAFORTH, NSW CHECKED DESIGNED JUL 24 B.V. B.V. N.L. SCALE @ A1 N.T.S. 24NL083 AUTHORISED NERMEIN LOKA D00



**DESIGN SUMMARY:** 

- THE SITE IS LOCATED WITHIN REGION 3 ACCORDING TO MAP2-NOTHERN BEACHES STORMWATER REGIONS.

- THE SITE IS LOCATED WITHIN ZONE 1 IN REGION 3. OSD IS REQUIRED FOR THIS SITE AS THE SITE AREA = 462.6m<sup>2</sup> WHICH IS GREATER THAN 400m<sup>2</sup> CALCULATIONS:

- a)  $462.6\times0.35+50=211.91\text{m}^2$
- POST DEVELOPMENT IMPERVIOUS AREA=462.6-217.4= 245.2m<sup>2</sup> (53%)
- HENCE, (b) IS GREATER THAN (a), OSD IS REQUIRED.
- OSD BYPASS AREA=24.15m<sup>2</sup>
- THE PSD SHALL BE CALCULATED AS THE PEAK 20% AEP STORM EVENT FOR THE PRE-DEVELOPMENT SITE BASED ON THE FOLLOWING IMPERVIOUS PERCENTAGE OF 0% AS THE PROPOSED DEVELOPMENT IS WITH SEAFORTH.
- THE PSD & SSR ARE CALCULATED USING THE DESIGN GRAPHS FOR THE RELEVANT RESIDENTIAL ZONE GIVEN IN APPENDIX 14 (REFER TO D02).
- THE REQUIRED SIZE TANK=15.22m<sup>3</sup>
- TANK SIZE PROVIDED=18.05m<sup>3</sup>
- A STAINLESS OR GALVANISED MESH SCREEN IS TO BE INSTALLED A MINIMUM OF 300MM FROM THE OUTLET TO PREVENT BLOCKAGE OF THE ORIFICE BY DEBRIS
- VENTING OF THE STORAGE TANK TO PREVENT THE BUILD-UP OF GASES.

N.L. | B.V. | 03-12-24

N.L. B.V. 30-10-24

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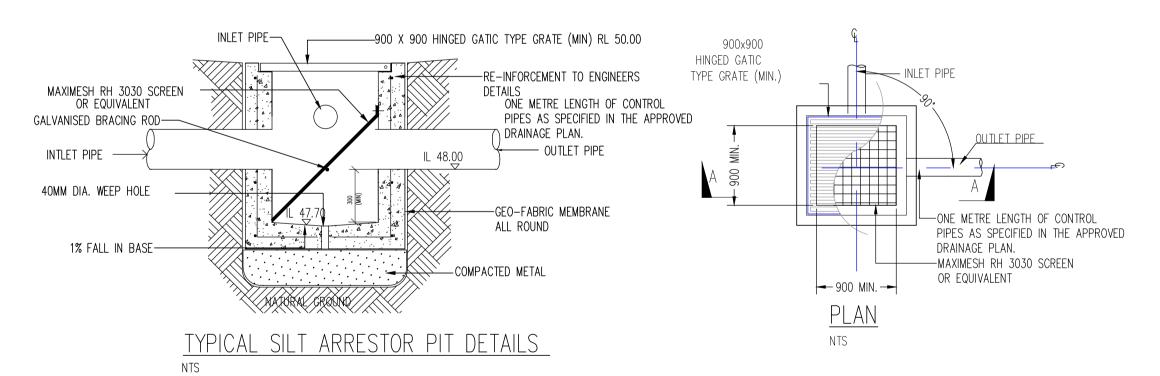
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## GROUND FLOOR/SITE STORMWATER DRAINAGE PLAN



SCALE: 1:100

SILT ARRESTOR PIT GENERAL NOTES:

1. PITS TO BE CONSTRUCTED IN THE FOLLOWING MANNER

1.1 PRECAST

ARCHITECT

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1.2 BRICKS WITH CEMENT RENDER

2. INLET TO BE ABOVE THE SCREEN AND THE OUTLET TO BE BELOW THE SCREEN 3. ALL WORK TO BE TO THE SATISFACTION OF THE DIRECTOR OF TECHNICAL SERVICES

4. FOR CONNECTION TO COUNCIL'S DRAINAGE SYSTEM

4.1 CONNECTION TO BE MADE INTO TOP ONE THIRD OF COUNCIL'S PIPE AT 45 DEGREES TO FLOW

4.2 ON PIPE PROTRUSAION ALLOWED INTO COUNCIL'S PIPELINE

4.3 INSPECTION TO BE MADE BY COUNCIL'S ENGINEER PRIOR TO THE SEALING OF THE JOINT

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BJB Architects Ptv Ltc

Nominated Architect:

PROVIDE A 150mm GAP BELOW FENCES U.N.O TO

CONFIRMED AT CC STAGE.

ANY PIPES CLOSE TO A TREE TO BE DUG BY HAND UNDER ARBORIST INSTRUCTIONS.

> PROVIDE AGG PIPES IN ALL LANDSCAPE AREAS AND PLANTER BOXES AND BEHIND ALL RETAINING WALLS, AND CONNECT TO THE STORMWATER SYSTEM

: DOWN PIPE U.N.O. **STORMWATER PIPE** 

@1% MIN. U.N.O. REFER TO AS.3500 PART 3 TABLE 7.2 P1: 100Ø UPVC PIPE AT 1.0% MIN. GRADE P2: 150Ø UPVC PIPE AT 1.0% MIN. GRADE NOTES: COUNCIL ISSUED FOOTWAY DESIGN LEVELS COUNCIL'S ISSUED FOOTWAY DESIGN LEVELS TO BE INCORPORATED INTO THE FINISHED LEVELS ONCE ISSUED BY COUNCIL NOTES: ROAD RESERVE & FOOTWAY DRAINAGE ELEMENTS ALL STORMWATER DRAINAGE ELEMENTS PROPOSED WITHIN THE ROAD RESERVE AND FOOTWAY SHALL BE CONSTRUCTED UNDER THE SUPERVISION AND TO THE SATISFACTION OF COUNCIL'S ENGINEER.

## ENSURE OVERLAND FLOW IS NOT IMPEDED ON SITE

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PROPOSED NEW RESIDENTIAL DWELLING AT 2A EDGECLIFFE ESPLANADE, SEAFORTH, NSW

**CONSENT AUTHORITY:** NORTHERN BEACHES COUNCIL

#### GROUND DRAINAC

CT	PROJECT 2A EDGECLIFFE ESPLANADE, SEAFORTH, NSW								
	DATE	DRAWN	DESIGNED	CHECKED					
D FLOOR/SITE STORMWATER	JUL 24	B.V.	B.V.		N.L.				
AGE PLAN	SCALE @ A1		JOB No						
	N.T.S.		DESIGNED CHECKED N.  B.V. SOLUTION STATE OF THE CHECKED N.  JOB No 24NL083  DWG No RE						
	AUTHORISED		DWG No		REV				
	NERMEIN 1	LOKA	D01		В				

DOWN PIPES ARE TO BE SHOWN AND TO BE

EXISTING LEVEL HIGH POINT -HP

NOTES: DRAINAGE LINES

NOTE RE. SERVICES APPROXIMATE LOCATIONS OF EXISTING SERVICES SHOWN.

**EXACT LOCATIONS & DEPTHS** TO BE ACCURATELY LOCATED BY

BUILDER CONTRACTOR BY CONTACTING THE RELEVANT AUTHORTIES BEFORE

K&G LEVELS AND NEIGHBOURING

ON SITE PRIOR COMMENCING ANY CONSTRUCTION WORK INCLUDING DRAINAGE SYSTEM WITHIN THE SITE. CONTACT ENGINEER IMMEDIATELY IF

A FLUSH POINT MUST BE PROVIDED AT THE LOWEST POINT OF THE SYSTEM WITHIN AN INSPECTION PIT (350) X 350 MIN) WITH A SUMP FOR CLEANING. THERE MUST BE A MINIMUM OF 1m LONG PIPE FROM THE LAST

DOWNPIPE TO THE INSPECTION PIT. THE CONNECTION

TO THE PIT IS TO HAVE A SEALED SCREW CAP TO ALLOW

FOR PERIODIC CLEANING, THE CAP SHALL HAVE A 5mm DRIBBLE HOLE TO ALLOW FOR A SLOW RELEASE OF

ALL PIPES AND DOWNPIPES ARE TO BE SEALED TO A

MINIMUM OF 0.5m ABOVE THE TOP WATER LEVEL

WITHIN THE SYSTEM. THE SYSTEM SHALL BE PRESSURE TESTED PRIOR TO BACKFILLING.

LEGEND

STORMWATER DRAINAGE PIPE

DOWN PIPE (Ø100 U.N.O)

VERTICAL RISER

**CLEANING EYE** 

SEALED PIT

GRATED INLET PIT

OVERLAND FLOW PATH

GRATED DRAIN

INSPECTION OPENING

DOWNPIPE TO RAINWATER TANK

CAST IN SLAB PIPE (Ø100 U.N.O)

VERTICAL DROP PIPE (Ø100 U.N.O)

MASONRY/BLOCK RETAINING WALL

RAINWATER OUTLET (Ø300 U.N.O)

DISH DRAIN OUTLET (Ø100 U.N.O)

SPREADER TEE CONFIGURATION

EMERGENCY SPITTER (Ø65 U.N.O)

------ RWT ------

SPREADER L CONFIGURATION

FLUSHING POINT (Ø100 U.N.O)

FLOOR WASTE (Ø150 U.N.O)

STREET FEATURES (E.g. TREES, V.C,

CONFIRMED BY CONTRACTOR/BUILDER

COMMENCEMENT OF ANY WORKS

VARY.

TRAPPED WATER.

BEFORE YOU DI

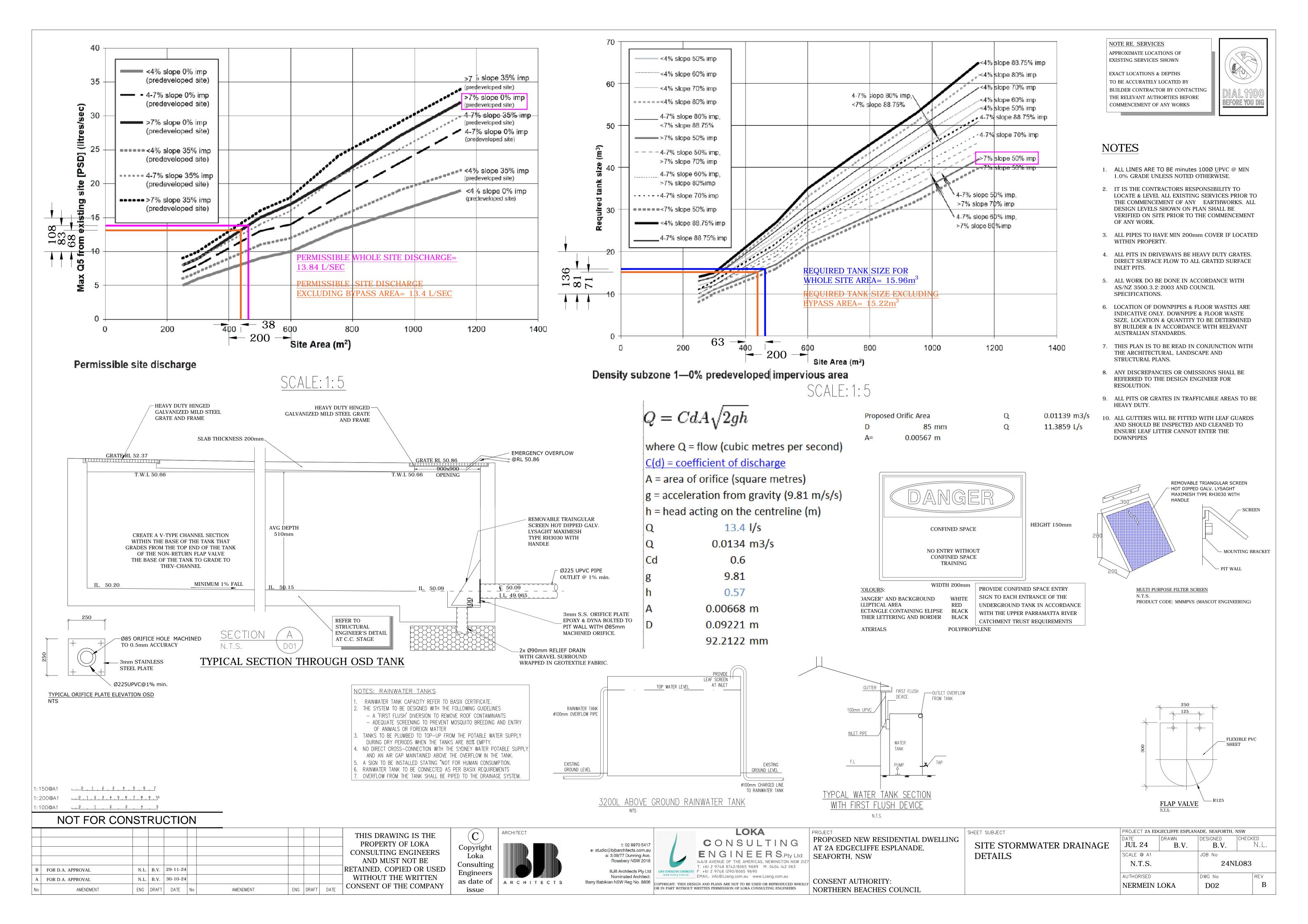
DRAINAGE LINES SHOWN continuous

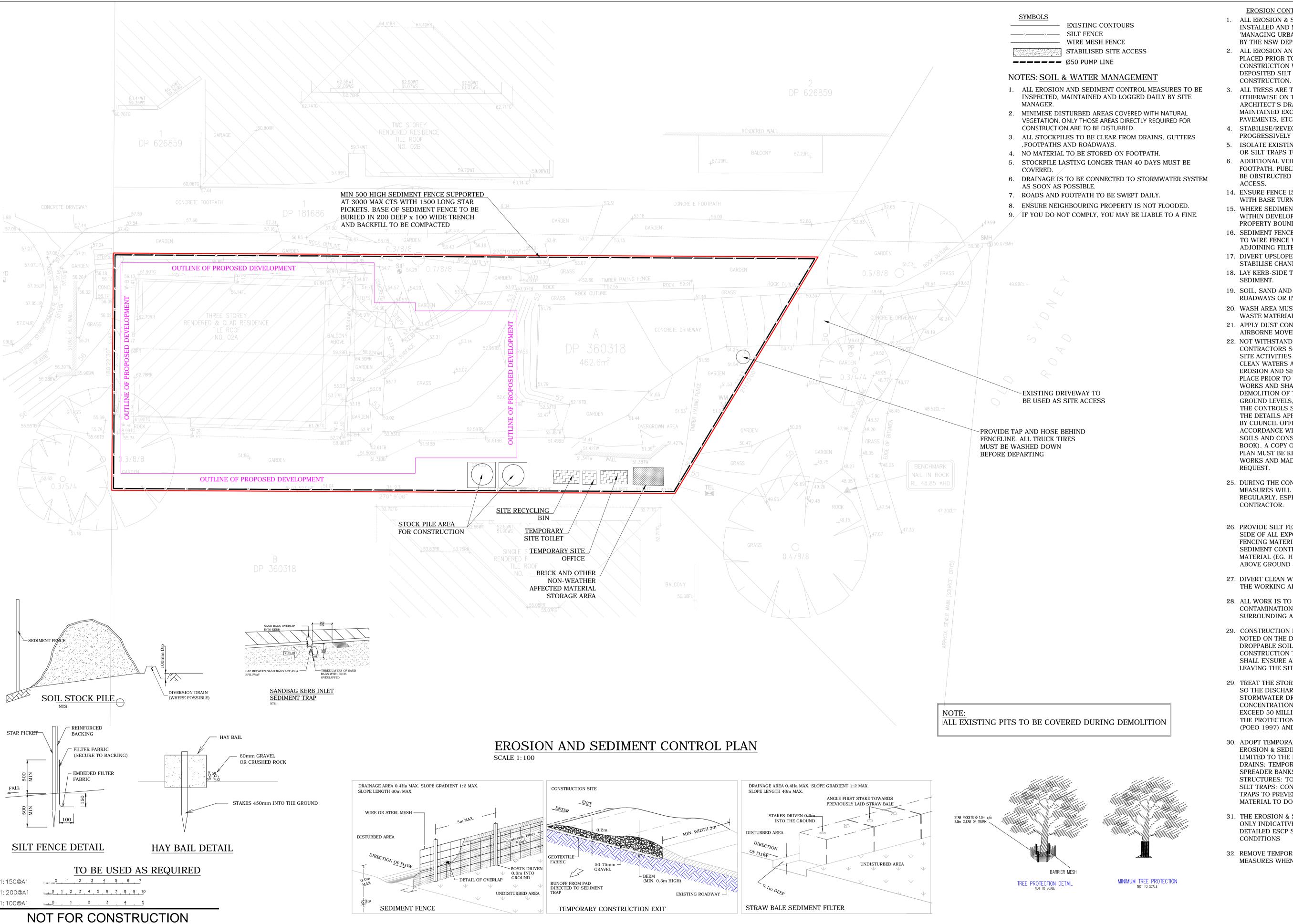
TO COLLECT SURFACE WATER

DRAINAGE LINES SHOWN DASHED

TO COLLECT ROOF WATER ONLY TO RAINWATER TANK

P3: 225Ø UPVC PIPE AT 0.5% MIN. GRADE SHEET SUBJECT





#### **EROSION CONTROL NOTES**

- 1. ALL EROSION & SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH 'MANAGING URBAN STORMWATER, 3RD EDITION' PRODUCED
- BY THE NSW DEPARTMENT OF HOUSING. 2. ALL EROSION AND SILTATION CONTROL DEVICES ARE TO BE PLACED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS, AND ALL SILT TRAPS ARE TO HAVE DEPOSITED SILT REMOVED REGULARLY DURING
- 3. ALL TRESS ARE TO BE PRESERVED UNLESS INDICATED OTHERWISE ON THE ARCHITECT'S OR LANDSCAPE ARCHITECT'S DRAWINGS. EXISTING GRASS COVER SHALL BE MAINTAINED EXCEPT IN AREAS CLEARED FOR BUILDINGS, PAVEMENTS, ETC.
- 4. STABILISE/REVEGATATE ALL DISTURBED AREAS
- PROGRESSIVELY WHERE PRACTICAL.
- 5. ISOLATE EXISTING STORMWATER PITS WITH STRAW BALES OR SILT TRAPS TO FILTER ALL INCOMING FLOWS.
- 6. ADDITIONAL VEHICLES MUST PARK ON ROAD AND NOT FOOTPATH. PUBLIC FOOTPATH ADJACENT TO SITE MUST NOT BE OBSTRUCTED AND MUST BE SAFE FOR PEDESTRIAN
- ACCESS. 14. ENSURE FENCE IS KEYED AT BOTH ENDS INTO GROUND,
- WITH BASE TURNED UPSLOPE. 15. WHERE SEDIMENT FENCE IS NEAR STREET, ERECT FENCE
- WITHIN DEVELOPMENT SIDE OF TURF FILTER STRIPS AND PROPERTY BOUNDARY. 16. SEDIMENT FENCE FILTER CLOTH TO BE FASTENED SECURELY
- ADJOINING FILTER CLOTH BY 150MM AND FOLDING OVER. 17. DIVERT UPSLOPE WATER AROUND WORK SITE AND STABILISE CHANNELS.

TO WIRE FENCE WITH TIES SPACED EVERY 600MM.OVERLAP

- 18. LAY KERB-SIDE TURF FILTER STRIP TO TRAP EXCESS SEDIMENT.
- 19. SOIL, SAND AND GRAVEL ARE NOT TO BE STOCKPILED ON ROADWAYS OR IN DRAINAGE AREAS.
- 20. WASH AREA MUST BE SLIGHTLY DEPRESSED TO COLLECT WASTE MATERIAL.
- 21. APPLY DUST CONTROL MEASURES TO REDUCE SURFACE AND AIRBORNE MOVEMENT OF SEDIMENT
- 22. NOT WITHSTANDING DETAILS SHOWN, IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO ENSURE THAT ALL SITE ACTIVITIES COMPLY WITH THE REQUIREMENTS OF THE CLEAN WATERS ACT. EROSION AND SEDIMENTATION CONTROLS SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF DEMOLITION WORKS AND SHALL BE MAINTAINED THROUGHOUT THE DEMOLITION OF THE BUILDING AND ANY REGRADING OF THE GROUND LEVELS, APPROVED REMOVAL OF VEGETATION ETC. THE CONTROLS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS APPROVED BY COUNCIL AND/OR AS DIRECTED BY COUNCIL OFFICERS. THESE REQUIREMENTS SHALL BE IN ACCORDANCE WITH MANAGING URBAN STORMWATER -SOILS AND CONSTRUCTION PRODUCED BY LANDCOM (BLUE BOOK). A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN MUST BE KEPT ON SITE DURING THE DEMOLITION WORKS AND MADE AVAILABLE TO COUNCIL OFFICERS ON
- 25. DURING THE CONSTRUCTION PERIOD, THESE CONTROL MEASURES WILL NEED TO BE INSPECTED & MAINTAINED REGULARLY, ESPECIALLY AFTER STORM EVENTS, BY THE CONTRACTOR.
- 26. PROVIDE SILT FENCE/STRAW BAIL BARRIERS TO THE LOW SIDE OF ALL EXPOSED EARTH EXCAVATIONS. TIE SEDIMENT FENCING MATERIAL TO CYCLONE WIRE SECURITY FENCE. SEDIMENT CONTROL FABRIC SHALL BE AN APPROVED MATERIAL (EG. HUMES PROPEX SILT STANDING 300mm ABOVE GROUND & EXTENDING 150mm BELOW GROUND.
- 27. DIVERT CLEAN WATER FROM UNDISTURBED AREAS AROUND THE WORKING AREAS.
- 28. ALL WORK IS TO BE CARRIED OUT TO PREVENT EROSION, CONTAMINATION & SEDIMENTATION OF THE STORAGE SITE, SURROUNDING AREAS & DRAINAGE SYSTEMS.
- 29. CONSTRUCTION ENTRY/EXIT SHALL BE VIA THE LOCATION NOTED ON THE DRAWING. CONTRACTOR SHALL ENSURE ALL DROPPABLE SOIL & SEDIMENT IS REMOVED PRIOR TO CONSTRUCTION TRAFFIC EXITING THE SITE. CONTRACTOR SHALL ENSURE ALL CONSTRUCTION TRAFFIC ENTERING AND LEAVING THE SITE DO SO IN A FORWARD DIRECTION.
- 29. TREAT THE STORMWATER RUNOFF WITH SUSPENDED SOLIDS SO THE DISCHARGE WATER QUALITY TO COUNCIL STORMWATER DRAINAGE SYSTEM HAS A MAXIMUM CONCENTRATION OF SUSPENDED SOLIDS THAT DOES NOT EXCEED 50 MILLIGRAMS PER LITRE IN ACCORDANCE WITH THE PROTECTION OF THE ENVIRONMENT OPERATION ACT (POEO 1997) AND SHALL BE APPROVED BY LOCAL COUNCIL.
- 30. ADOPT TEMPORARY MEASURES AS MAY BE NECCESSARY FOR EROSION & SEDIMENT CONTROL, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: DRAINS: TEMPORARY DRAINS AND CATCH DRAINS. SPREADER BANKS OR OTHER STRUCTURES: TO DISPERSE CONCENTRATED RUNOFF. SILT TRAPS: CONSTRUCTION AND MAINTENANCE OF SILT TRAPS TO PREVENT DISCHARGE OF SCOURED MATERIAL TO DOWNSTREAM AREAS.
- 31. THE EROSION & SEDIMENT CONTROL PLAN PROVIDED IS ONLY INDICATIVE. THE CONTRACTOR SHOULD PREPARE A DETAILED ESCP SUITABLE FOR THE SPECIFIC SITE
- 32. REMOVE TEMPORARY EROSION & SEDIMENT CONTROL MEASURES WHEN THEY ARE NO LONGER REQUIRED.

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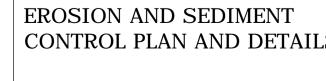
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NORTHERN BEACHES COUNCIL



PROJECT 2A EI	DGECLIFFE ESPLAI	NADE, SEAFORTH,	NSW	
JUL 24	DRAWN B.V.	DESIGNED B.V.	CHECKED N.L	
SCALE @ A1	NA/NI	JOB No <b>24NL083</b>		
	VVIN			
AUTHORISED		DWG No	REV	
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