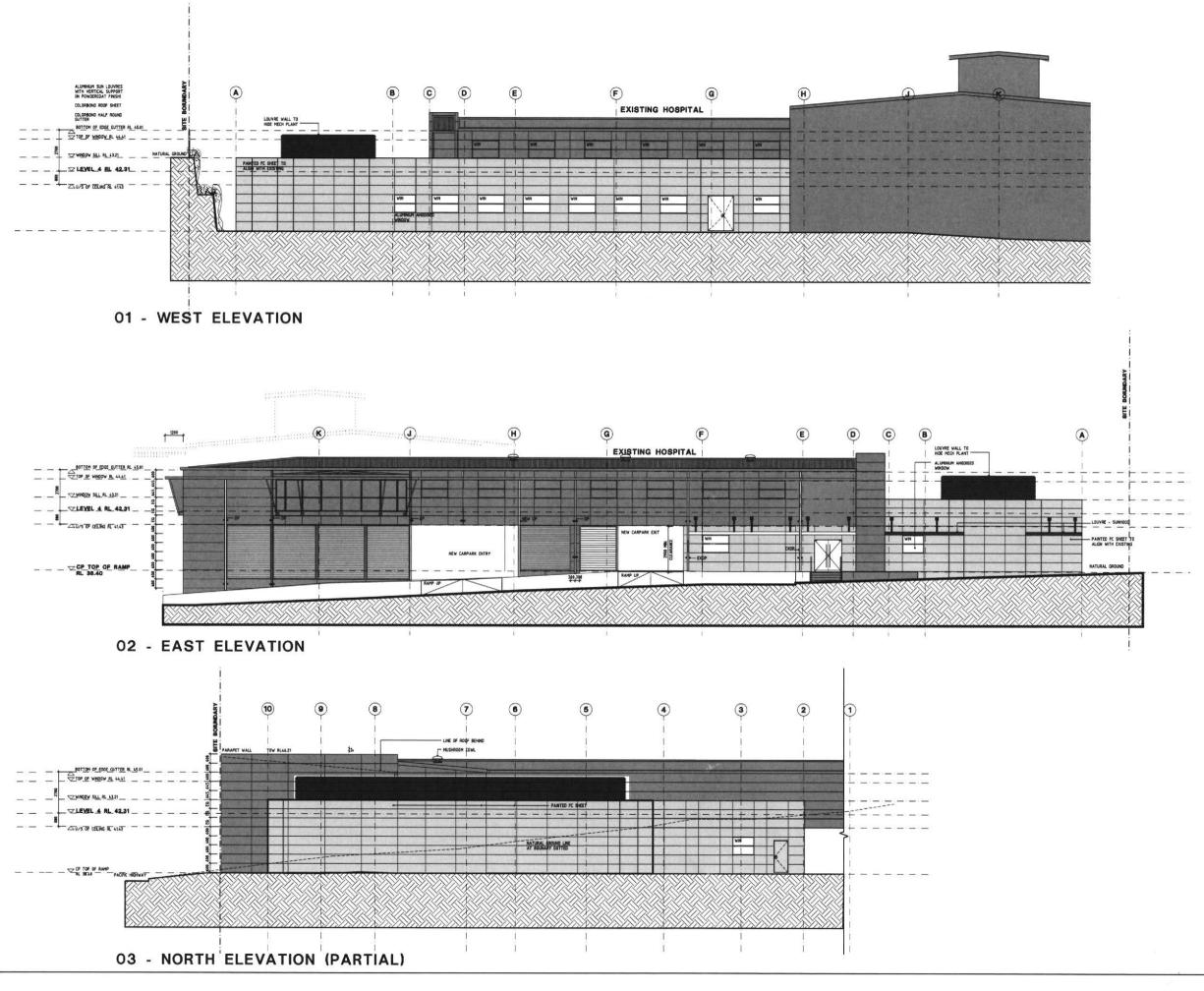
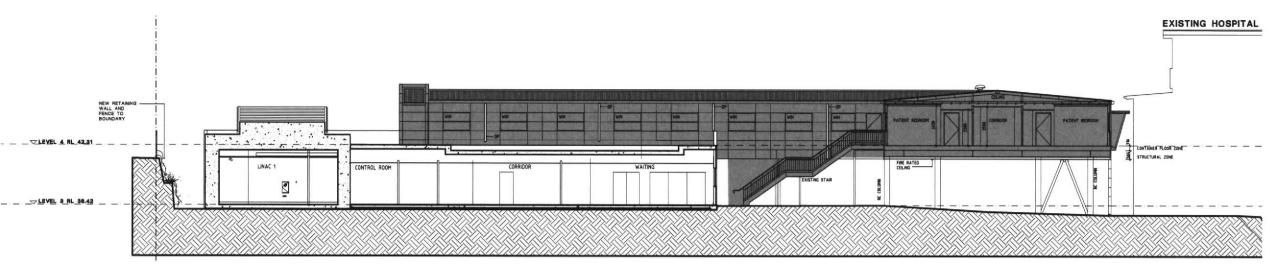
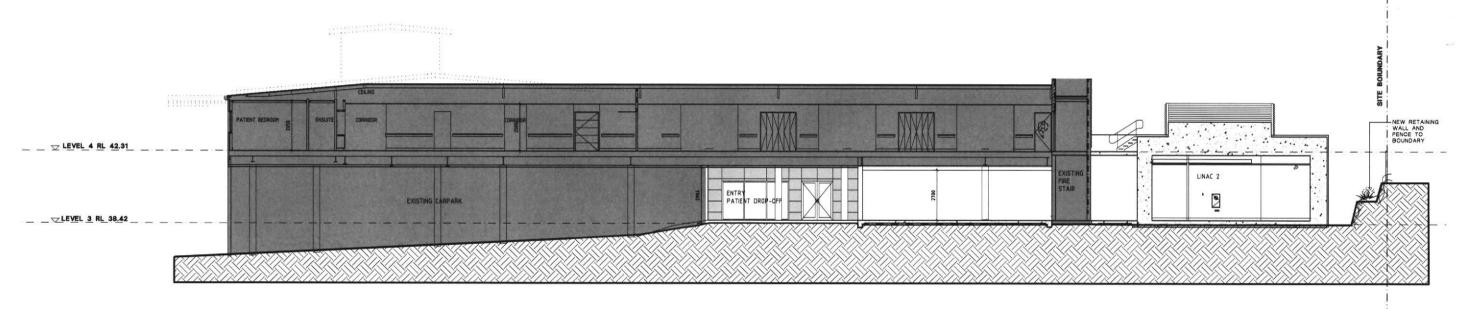


PACIFIC HIGHWAY

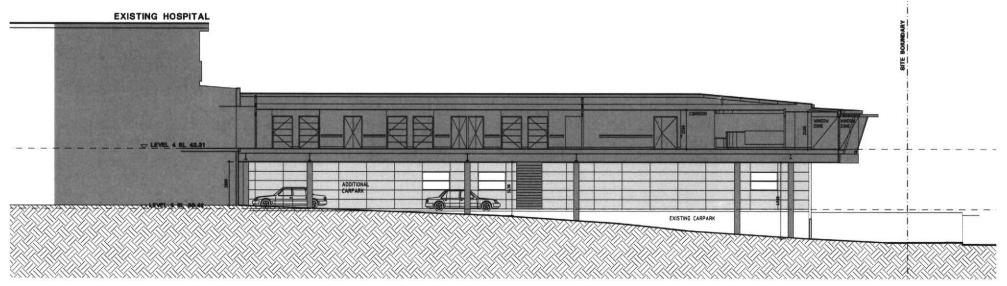




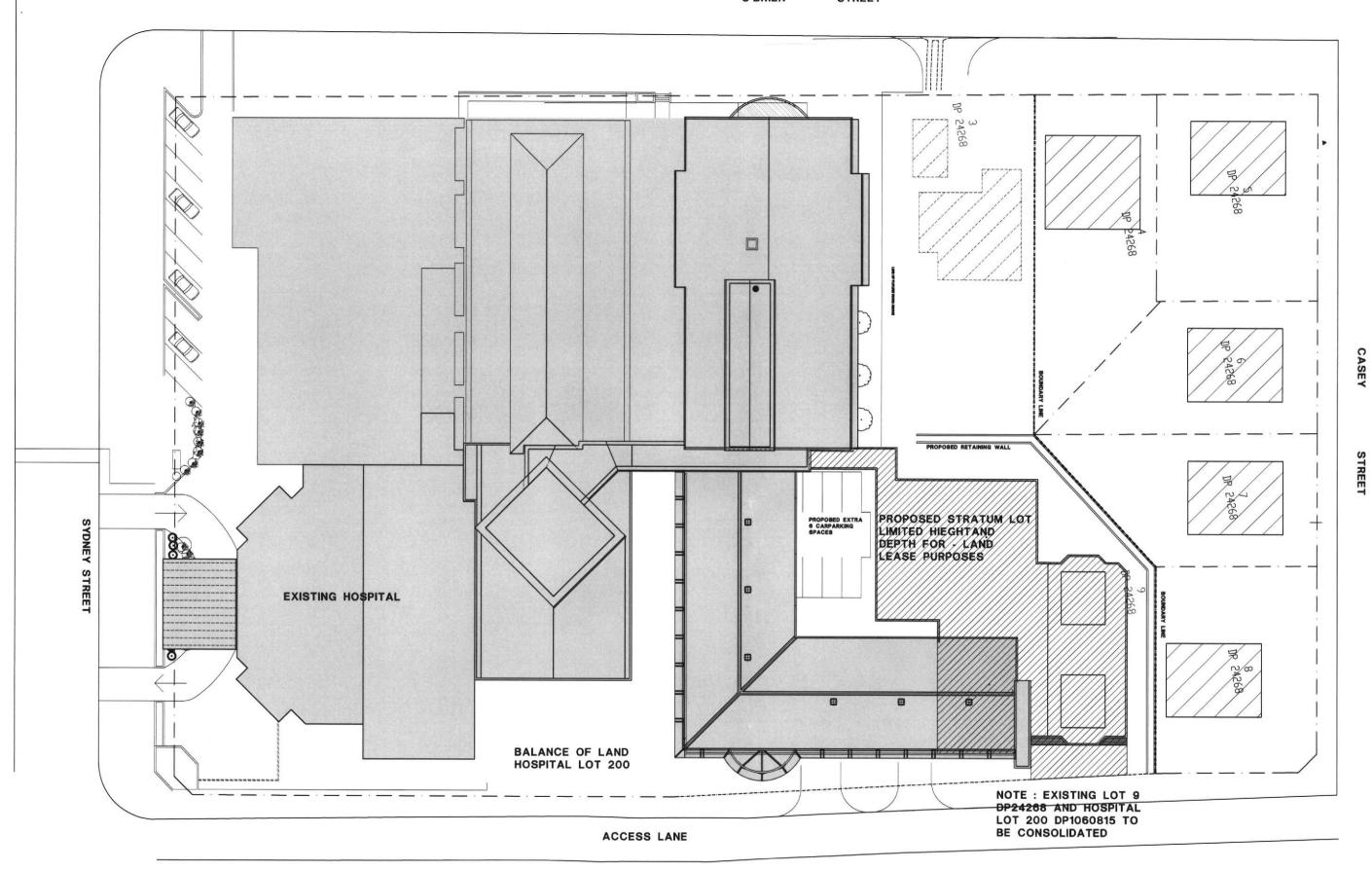
01 - WEST ELEVATION



02 - EAST ELEVATION



03 - NORTH ELEVATION (PARTIAL)



PACIFIC HIGHWAY

Project :

Lake Macqaurie Private Hospital - Radiation Oncology

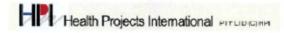
Milestone: Masterplan

External Finishes Schedule

Issue No:

Issue Date:

14 Jun 2012



Health Facility Planner:

Lake Macqaurie Private Hospital - Radiation Oncology (Milestone: Masterplan)

Project Products Legend

Fabric

Product Code				Sam
CLB-2982	Manufacturer: Colorbond Steel	\$ per unit:	Selection: To mat	tch existing.
	Product Name: Colorbond	Unit:	Remarks: Externa	al colorbond colour to Gutter and Roof.
		Availability:		
CLB-3095	Manufacturer: Colorbond Steel	\$ per unit:	Selection: Windsp	pray
	Product Name: Colorbond	Unit:	Remarks: Down F	Pipes and Brackets.
		Availability:	Externa	al Guttering.

Lake Macqaurie Private Hospital - Radiation Oncology (Milestone: Masterplan)

Project Products Legend

Fabric

Product Code				Sample
PNT-3093	Manufacturer: Dulux	\$ per unit:	Selection: Dulux Drive Time PG1 A6	
	Product Name: Paint	Unit: Availability:	Remarks: Paint to FC Cladding alternating between windows frames. Fire stair enclosure.	
PNT-3094	Manufacturer: Taubmans Paints	\$ per unit:	Selection: Rice Cake PW1 B5	
	Product Name: Paint	Unit:	Remarks: To match Dulux Rice Cake.	
		Availability:	Paint to Exterior walls.	

Print Date: 14 Jun 2012

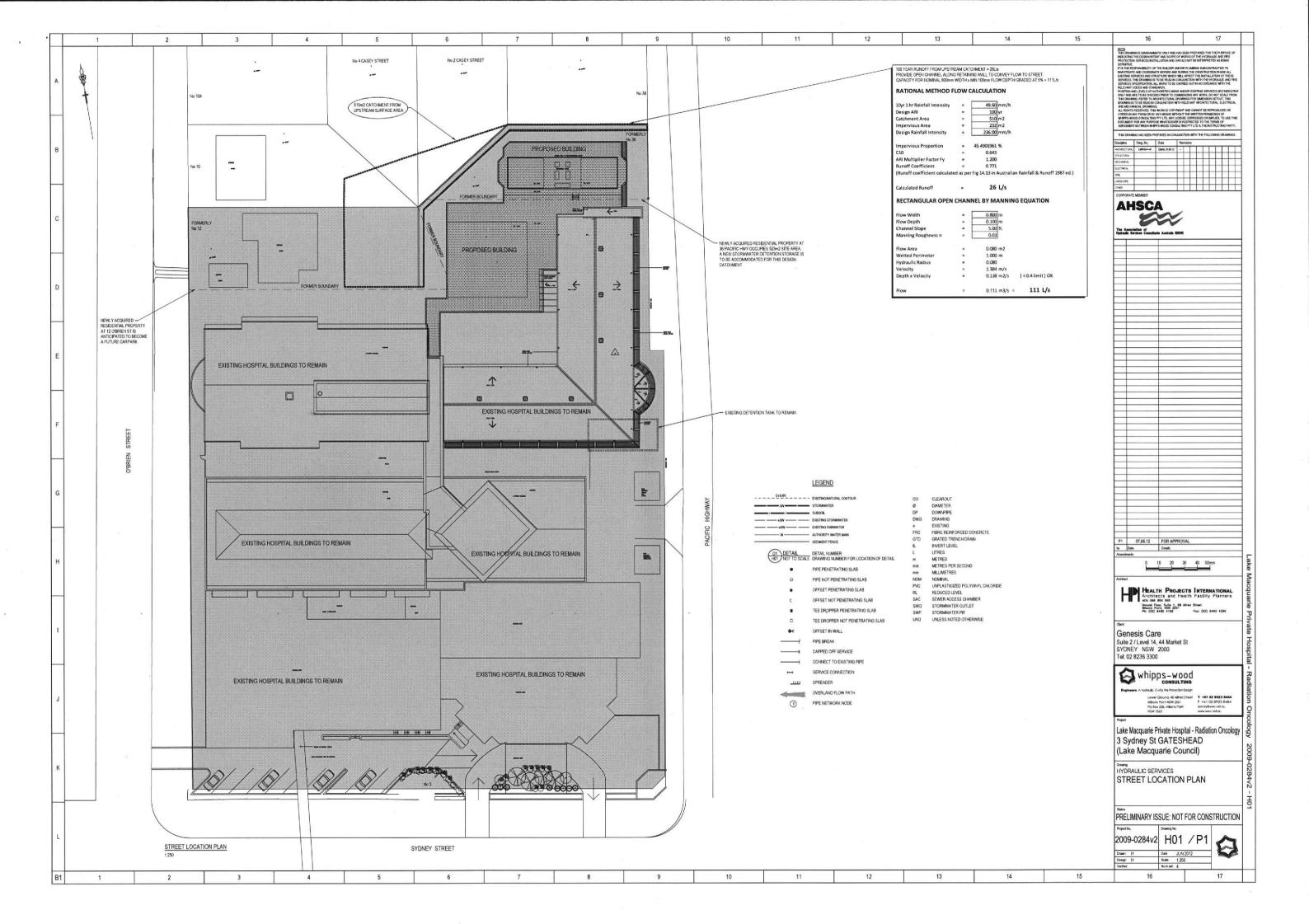
Lake Macqaurie Private Hospital - Radiation Oncology (Milestone: Masterplan)

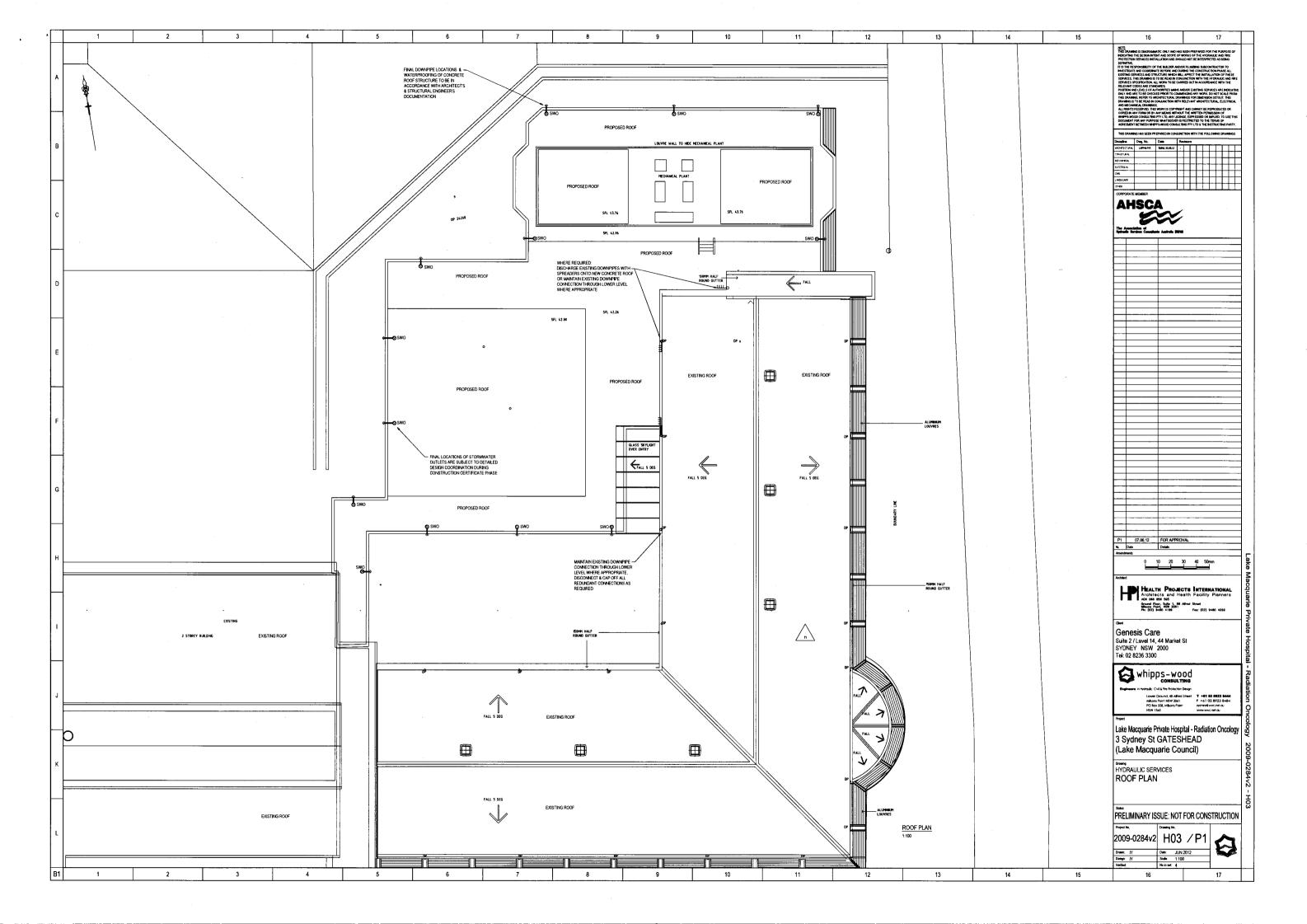
Project Products Legend

Fabric

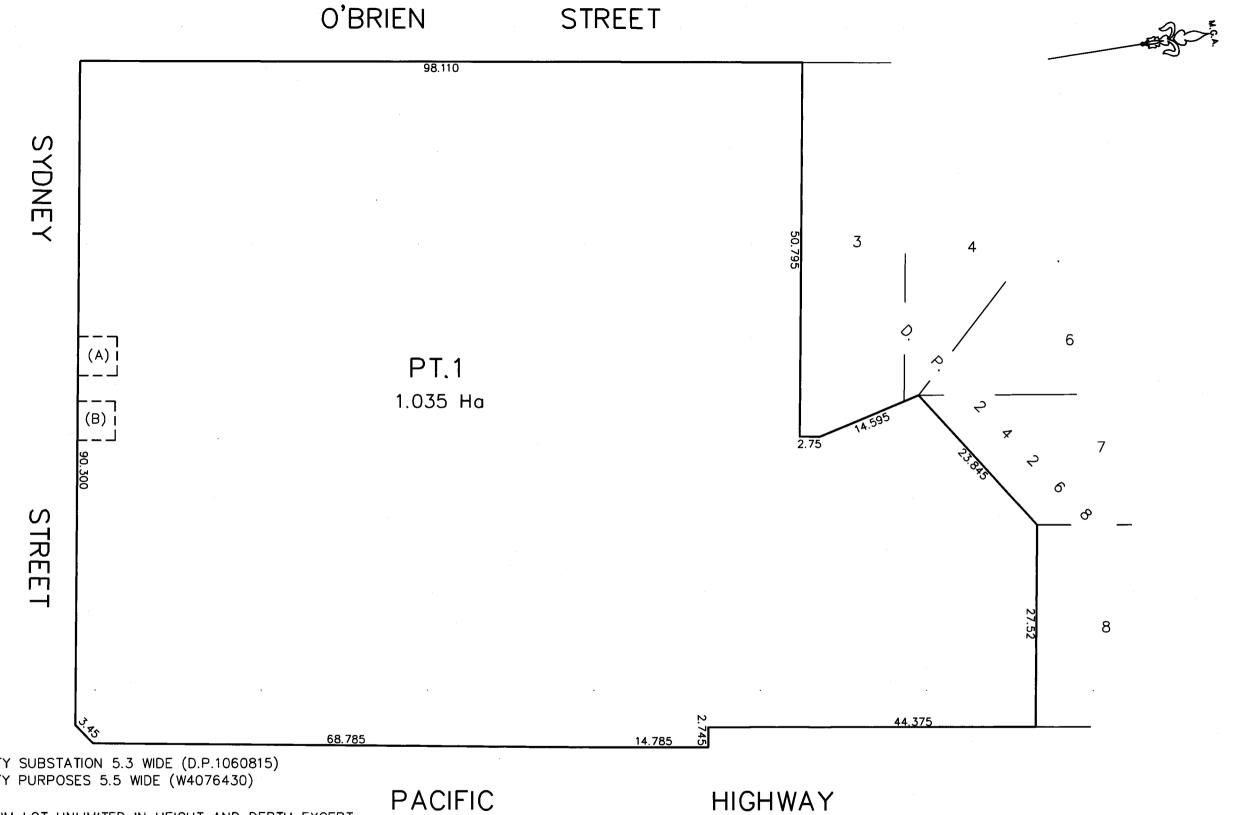
	Manufacturer: Product Name:		\$ per unit: Unit: Availability:		Olde Pewter 50243 Satin Powdercoat to match Dulux Drive Time. Powdercoat to Louvers - Car park.	
	Product Name:	Powdercoat		Remarks:		
			Availability:		Powdercoat to Louvers - Car park.	
PWD-3091	Manufacturer:	Dulux	\$ per unit:	Selection:	Windspray Matt 85042	
	Product Name:	Powdercoat	Unit:	Remarks:	External powdercoat colour to Sunshades and Faceted windows.	
			Availability:		raceted willdows.	
1-27						
PWD-2977	Manufacturer:	Interpon	\$ per unit:	Selection:	Charcoal Matt YL 238A	
	Product Name:	Ultriva	Unit:	Remarks:	External Window frame to all bedrooms.	
			Availability:			

Print Date: 14 Jun 2012





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ON-SITE DETENTION CALCULATIONS (AS PER LAKE MACQUARE COUNCIL HANDBOOK OF DRAINAGE DESIGN CRITERIA - SECTION D1.2) A RAINFALL DATA		STORMWATER PIT SCHEDULE Label No: Pit Size Surface Outlet It. Pit Lid Load	OFFRING. IT TO HE OFFRINGEN TO THE BALGE HOOK IN LABOUR SECURITION TO IT TO HE OFFRI OFFRI THE SECURITION TO IT TO HE OFFRI OFFRI OFFRI THE SECURITION THE SECURITION HAVES ALL ESTIMAL SERVICES AND TRACTIONS HOW HOW AND THE OFFRI
2 YEAR 1 HOUR INTENSITY = 34.00mmh 2 YEAR 12 HOUR INTENSITY = 7.80mmh 2 YEAR 72 HOUR INTENSITY = 2.40mmh	STORMWATER PIPE SIZING BY RATIONAL FORMULA & COLEBROOK-WHITE DQUATION Coefficient of runoff determined in accordance with Ch. 14 of AR & R (1987)	SWP 1 2700x1500 38 50 37 27 1230 Grate A SWP 2 900x900 38.40 37.43 37.90 Grate A	If it is the SEPHORBIATY OF the BALDER MOOR ALARBON SECONTACTOR TO INSENTITION THE MOOR OF THE MADE AND ALARBON SECONTACTOR TO INSENTITION SECOND THE MOOR ALARBON SECOND THE MOOR INSENTITION OF MOOR ALL SERVING SEPHOLES AND TIMELINE MOOR MALL APPECT THE RETULLATION OF PRESENCE SEPHOLES SEPHOLES AND ALL WASHING TO BE CAMPIED UNIT IN ACCORDINATE WITH THE RECENTANT COORSE AND TRANSPORTS. AND ALARBON SECOND SEC
50 YEAR 1 HOUR NITENSITY = 67 00mm h 50 YEAR 12 HOUR NITENSITY = 15 20mm h 50 YEAR 72 HOUR NITENSITY = 5,40mm h 50 YEAR 72 HOUR NITENSITY = 5,40mm h 50 YEAR 72 HOUR NITENSITY = 0.01	Design rainfall intensity = 236.00 mm/h Pipe roughness k = 0.015mm FOR FVC	SWP 3 900x900 38.27 37.73 540 Grafe A SWP 4 900x900 38.27 37.61 660 Grate A	THE DECEMBER WITTER OF A CONTENTION AS COMMISSION OF THE STATE OF THE
F2 • 4.31 F50 • 15.95	ARI = 100 years Fy = 1.20 10 year 1 hour intensity = 49.60 mm/h	SMP 5 900x800 38.27 37.59 880 Grafe A	THIS DRAWING HAS BEEN PREPARED IN CONJUNCTION WITH THE FOLLOWING DRAWINGS.
5 YEAR UNDEYELOPED RUNOFF B SITE CATCHARTH AREA = 52702 MPERVIOUS PROPORTION = 0% GRASSED FLOW LENGTH = 40m GRASSED FLOW LENGTH = 40m GRASSED FLOW LENGTH = 40m	1 2 74 100 1.00 1.00 4.9 4.9 8.0 100 4.9	GRATES GENERALLY TO BE HINGED GALVANISED MLD STEEL EQUAL TO MASCOT ENGINEERING (TEL 964 1044) GENERALLY GROBE SURPROJUNDIS SURPACES TO GROSS PROVIDE STEP RUNGS WHERE BYT DEFIT EXCEEDS 1200 DETENTION BY ACCESS GRATES TO BE HINGES & LOCKAGELE DETENTION BY ACCESS GRATES TO BE HINGES & LOCKAGELE	Dissiphe Deg. No. Dale Reviews
SLOPE = 11% KINEMATIC WAVE ROUGHNESS = 0.17 RUMOFF COEFFICIENT C = 0.41 RUMOFF COEFFICIENT C = 0.73	2 3 74 100 1.00 1.00 4.9 9.7 23.7 150 5. 3 4 74 100 1.00 1.00 4.9 14.6 23.7 150 5. 4 5 74 100 1.00 1.00 4.9 19.4 23.7 150 5. 5 6 74 100 1.00 1.00 4.9 19.4 23.7 150 5.	DETENDITION PIT ACCESS GRATES TO BE HINGED & LOCABILE	ELOWER SLICKER ON A
CORRESPONDING NITENSITY = 131 /mm/h CORRESPONDING NITENSITY = 177 /mm/h FLOW TIME = 5 /mm/h COUNDEVELOPED = 8U/h Q20 DEVELOPED = 19U/h COUNDEVELOPED = 19U/h COU	6 8 73 0 0.51 1.00 2.5 26.7 69.3 225 7 8 74 100 1.00 1.00 4.9 4.9 8.0 100 8 1000 7 0 0.51 1.10 0.2 MPAX=8.0 8.5 100		UNDELOVE OTHER COPPORATE MEMBER
DETENTION VOLUME = (19L5 - 8L5) x 5.4min x 0.06 = 3.6m3	9 10 62 29 0.68 0.50 2.8 2.8 47.6 225 10 11 71 100 1.00 0.50 4.7 7.4 47.6 225 11 13 71 100 1.00 0.50 4.7 12.1 47.6 225 12 13 71 100 1.00 1.00 4.7 4.7 8.0 100		AHSCA
100 YEAR UNDEVELOPED RUNOFF 100 YEAR DEVELOPED RUNOFF SITE CATCHMENT AREA = 5Z3m2 SITE CAT	13 17 97 12 0.58 1.00 3.7 20.4 69.3 225 14 17 888 89 1.00 1.00 58.2 58.2 69.3 225 15 17 71 100 1.00 1.00 4.7 4.7 8.0 100		The Association of Continue Australia (1920)
GRASSED FLOW LENGTH = 40m GRASSED FLOW LENGTH = 40m SLOPE = 11% SLOPE = 11% SLOPE = 11% KINEMATIC WAVE ROUGHNESS = 0.17 KINEMATIC WAVE ROUGHNESS = 0.51 RUNGOF COEFFICIENT C = 0.54 CONTRACT	16 17 71 100 1.00 1.00 4.7 4.7 8.0 100 17 2000 8 38 0.73 1.00 0.4 98.3 148.1 300 18 19 71 100 1.00 4.7 4.7 8.0 100		
CORRESPONDING INTENSITY = 235.6mm.h FLOW TIME = 5.0min T_OWT TIME = 5.0min T_OWT TIME T_OW	19 3000 71 100 1.00 1.00 4.7 9.3 23.7 150 1. COLEBROOK-WHITE ROUGHNESS K = 0.015mm FOR POLIVINYL CHLORIDE PIPE (PVC) & 0.15mm FOR FIBRE REINFORGED CONCRETE, FRC).		
D 100 YEAR CHECK: DETENTION VOLUME = 28L6 - 19L6 + 8L6 CUTFLOW = 18L6 = Q100 UNDEVELOPED = 18L6 ✓ O.K.	A MINIMUM PIPE SLOPE OF 1,00% IS ASSUMED FOR CALCILLATION PURPOSES. SUPFACE LEVELS BASED ON ARCHITECTURAL IS SURVEY DRAWINGS. CONFIRM PRACTICALITY OF PIPE INSTALLATION IS ADDISE OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.		
PERMISSIBLE SITE DISCHARGE = 05 UNDEVELOPED = 8L/s	 STORMWATER DRAINGE < 3750 TO BE SEWER GRADE LIPVO WITH SOLVENT WELDED JOINTS LAID ON GRANLAR REDDING TO ASA/25300.3. STORMWATER DRAINGE > 3000 TO BE CLOSE > PIBRE REINFORCED CONDRETE WITH RUBBER RING JOINTS LAID ON GRANLAR BEDDING TO AS500.3. SUBSOLI DRAINGE (WHERE REQUIRED) TO BE SLOTTED LIPVO WITH FILET SCOK LAID IN FREE ARAINN'S GRANLAR MATERIAL. CONFÉRMAL SUBSOLI DRAINGE REQUIREDIT SON CONSTRUCTION & CONNECT DOWNSTERLAND FO ETENTION PIT OUTLET WHERE APPLICABLE. 	•	
EROSION & SEDIMENT CONTROL ASSESSMENT BASED ON SOILS & CONSTRUCTION MANAGING URBAN STORMWATER 4TH EDITION, MARCH 2004	 ALL DÉARAGE TO DE MIN 1002 UNLESS NOTEO OTHERWISE. MICHETIKETH INSPECTION OPENINGS OR PITS TO DE PROVIDED FOR CLEANING PURPOSES AT MAXBILM 50th INTERVALS & IN ACCORDANCE WITH AS\$500.3 CLAUS: ALL STORMMATER OUTLETS TO DE 1002 FLAT GRATE EQUIL TO SPECIALITY PLUMBING SUPPLIES TRUE 10 SERES, GETE, 22 9416 2001. ALL DOWNIPPES DARRING TO THE STORMES SYSTEM SHALL BE MADE WATERFITH BELOW THE ANXIMUM WATER STORMES LEVEL 	SE 8.5.1.	
AVAILABLE FROM LANDCOM ASSUMED AREA OF SOIL DISTURBANCE = APPROX 1230m2	 Builder to protocy as built drawings of all relevant drawage works as required for certification purposes. Any proposed change to detention discharge control shall be submitted to consultant for approval prior to installation. Final drawage Layzut Shall be marked for discharge control shall be discharged by the proposes. 		
E TAKE RANFALL EROSMITY FACTOR R = 3000 FOR GATESH-EAD (AFROM APPENDIX B: MAP 10 ON PAGE B-12) TAKE SITE SLOPE = 10% INDICATIVE EROSION HAZARD IS HIGH (BASED ON SECTION ALL TIS FOUNDE 4 S ON PAGE 4-10) USE REVISED UNIVERSAL SOUL (OSS EQUATION) (RUSLE) TO CHECK	 ANY EASEMENTS, POSITIVE COMEMATS OR OTHER LEGAL INSTRUMENTS TO BE ARRANGED A REGISTERED BY SURVEYOR OR OTHER APPROVED AGENT. MERGE APPLICABLE, BUILDER TO PAY ALL ROOM OPENING A COUNCIL FEES ASSOCIATED WITH RECIPIERCE CONSTRUCTION. SITÉ INSPECTIONS SHOULD BE ARRANGED IN ACCORDANCE WITH CONSIST CONDITIONS AND CERTIFIERTS REQUIREMENTS, WITH REASONABLE ADVANCE NOTICE GRENAND WRITTEN CORPHINATION FROM THE RELEVANT PARTY THAT THE CURRENT HOURLY RAFE TEE WILL BE PAY. 	E BEING	
TAKE SOLE ERODBLITY FACTOR K - D.200 (FROM APPENDIX C: TABLE 13 FOR GATESHEAD ON PAGE C-78) TAKE SLOPE LENGTHORADIENT FACTOR LS = 2.81 (FROM APPENDIX A USING 80m LENGTH IN TABLE AT ON PAGE A-9) TAKE EROSION CONTROL PRACTICE FACTOR P = 1.3 (FROM APPENDIX A USING 80m LENGTH IN TABLE AZ ON PAGE A-11)	 AS-BUILT DRAWING/SURVEY OF COMPLETED WORKS SHOULD BE MADE AVAILABLE TO VIEW PRIOR TO ARRANGING FOR FINAL SITE INSPECTION. NOTE: 		
TAKE GROUND COVER & NAMAGEMENT FACTOR (0 = 1.0 (FROM APPENDIX A: FIGURE AS ON PAGE A-12) SOLLOSS = 300 X, 000 x 2 3 th 1 3 x 1.0 = 219h ₀ M ₂ SOLLOSS 5 CLASS = 2 (BETWEEN 15 th 2250h ₀ M ₂) (BASED ON SECTION 4.4.2 TABLE 42 ON PAGE 4-13) EROSION-HAZARD B.T FHEREFORE (UN) FOR HEIGH 3 THERE ARE NO SEASONAL RESTRICTIONS ON SITE ACTIVITY.	THE BUILDER SHALL ENSURE THAT ALL TEMS INDICATED ON THE APPROVED DRAWINGS (SLICH AS ORPICE PAILER AT THE CORRECT LEVEL, REMOVABLE DEBRIS SCREEN AND ASSESSED SURVEYOR OR THE APPROVED AGENT, ENGINEERING CERT. BUILDING STORAGE VOLUME) IS NOT PROVIDED. WILL NOT BE ISSUED IF DOCUMENTED VERIFICATION OF CRITICAL ITEMS (INCLUDING STORAGE VOLUME) IS NOT PROVIDED.	TIFICATION	
FOR A SOLI DENSITY OF 10MB AVERAGE ANNUL SOIL LOSS = 219m3lyr SINCE THIS IS GREATER THAN 150m3yr, A SEDIMENT BASIN MIGHT BE CONSIDERED NECESSARY IF THE DISTURBED AREA EXCEEDED 2500m3 (REFER TO SECTION 6.3 2/m ON PAGE 6.8)	PRIOR TO THE BACKFILLING OF ABSORPTION PITS OR OTHER UNDERGROUND HYDRAULIC STRUCTURES WHICH ARE NOT READILY ACCESS WHIPPS WOOD CONSULTING APE TO BE NOTIFIED AND EAGLED TO ATTEND SITE TO REVIEW THE INSTALLATION AND A SURVEYOR SHALL REQUIRED TO VERIFY. THE DIMENSIONS OF THE PIT. A MINIMUM OF TWO DAYS NOTICE SHOULD BE PROVIDED PRIOR TO THE INSPECTION I	L BE	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
FOR THE AREA TO BE DISTURBED ON THIS SITE: SEDIMENT FENCES ARE CONSIDERED SATISFACTORY (REPER TO SECTION 2.1 ON PAGE 2.1, SECTION 4.14 (a) ON PAGE 4.9 SECTION 4.2 SIM/JON PAGE 4.1 LENGTHS OF SEDIMENT FENDRS SHOULD BE ARRANGED TO LIMIT SUBCATCHMENT FLOWS TO 50.0s (REPER TO SECTION 6.3.7(s) ON PAGE 53.4 SECTION 2.3.1(s) ON PAGE 2.4)	SCHEDULED. IN ADDITION, THE BUILDING CONTRACTOR IS TO PROVIDE AN AS-BUILT DRAWING INDICATING ANY VARIATIONS TO THE APPRODESIGN, TOGETHER WITH SIGNED WRITTEN ADVICE STATING THAT THE WORKS HAVE BEEN CARRIED OUT WITH THE INTENT OF THE DESIGN FIRST NOT DONE, WHIPPS WOOD CONSULTING WILL NOT BE ABLE TO PROVIDE COMPLIANCE CERTIFICATION.	OVED	
FOR 10y 5mm NTENSITY = 158mm8 & 10y 1m INTENSITY = 48 8mm8 A FULLY PERVIOUS AREA OF UP TO 2800m2 CAN BE ACCOMMODATED BY ONE LENGTH OF SEDIMENT FENCING, (REFER TO FIGURE 6-10 ON PAGE 6-34)			
WATERPROOF COVERING—	WHERE APPLICABLE: PROVIDE VISIBLE SIGNIGE NEAR TANK GRATE [MADE OF METIL OURABLE SYNTHETIC MATERIAL]:		
G FARTH BANK TO PREVENT SCOUR OF STOCKPILE SEDMENT FENCE GUTTER GUTTER	DANGER	DETENTION STORAGE VERIFICATION	
	CONFINED SPACE NO ENTRY WITHOUT CONFINED SPACE TRAINING	CHECKLIST OF CERTIFICATION ITEMS FOR VERIFICATION BY SURVEYOR Average tank or basin dimensions:	
STOCKPLE 2m MM.	MAINTENANCE PERSONNEL MUST BE TRAINED FOR WORKING IN CONFINED	Average Length = m	P2 13.06.12 FOR APPROVAL
BUILDING MATERIAL STOCK PILES NOT TO SCALE NOT TO SCALE	SPACES IN ACCORDANCE WITH CURRENT SAFETY STANDARDS 7900;600 CLASS A TANKA ACCESS GRATE	Average Width = m Average Depth = m	P1 07.06.12 FOR APPROVAL
SOIL & WATER MANAGEMENT NOTES WIRE OR STEEL MESH MAY SUPPRE AND A STEEL MESH MAY SUPPR	TO BE HINGED & LOCKARLE RUSS 50	Available volume of STORED water =	0 10 20 30 40 50mm
1. REFER TO DETAIL FOR CONSTRUCTION OF TEMPORARY SEDIMENT FENCE. 2. ALL PITS & PIPEWORK ASSOCIATED WITH PROPOSED DEPRESSION TO MAX 3m BETWEEN MAX 3m BETWEEN	RL38.30 MIN 3.6m3 DETERTION	Spot levels: Top of basin wall or tank overflow level = RL m AHD	Architet Machine Projects International Q
UNATING STATEMS SHALL BE REPT FREE OF SUIT, WATER & DEBRIS FOR THE DURATION OF THE CONSTRUCTION WORKS. OISTURBED AREA OISTURBED AREA	STORAGE REMOVABLE GALVANISED MILD TELL DERRIS GREEN EQUAL TO LYSAGHT MAXIMESH RHOUGH TO LYSAGHT MAXIMESH RHOUG	Grate level of control pit or tank access = RL	Architects and Health Facility Planners act one deed see the control of the see that the control of the see that the control of the control o
3. ALL LOOSE MPORTED FALL & EXCAVATED MATERIAL SHALL BE STOCKPIZED AS FAR AS POSSIBLE FROM SEDIMENT FENCES PRIOR TO FINAL PLACEMENT, COMPACTION OF REMOVAL FROM STORE GEOTEXTILE GEOTEXTILE GEOTEXTILE GEOTEXTILE GEOTEXTILE	MEAN DEPTH READ BE 27m LONG HEAD PROVIDED WITH LETT MIGHANDLE PROVIDED WITH LETT MIGHANDLE AT 15m WIDE - 3mm THICK STAINLESS STEEL PLATE	Component Sizes:	Genesis Care
4. EXCESSIVE SEDIMENT BUILDUP SHALL BE AVOIDED BY REGULAR MAINTENANCE OF SEDIMENT FERIOSS. 5. WHERE ARP LAWED IN ADSCAPPING A NTO GROUND	REINFORCED CONCRETE TANK TO STRUCTURAL ENGINEER'S DOCUMENTATION (INCLUDING 1% BASE FALL RL37.34 RL37.32 MITH 589 MACHINED ORFICE CENTRED OVER OUTLET WITH 10mm DYNABOLTS OR EQUAL	Diameter of outlet pipe =	Suite 2 / Level 14, 44 Market St SYDNEY NSW 2000
REVEGETATION OF DISTURBED AREAS SHALL MAX 0.5m COMMENCE AT THE EARLIEST OPPORTUNITY AFTER FENCE COMPLETION OF EARTHWORKS OPERATIONS. METER FABRIC AT TOST WITHOUT SO VERLAP	WATERPROOFING MEASURES) 15000 DESCHARGE PIPE 600 × 600 × 200 DEEP	Size of openings in Debris screen =mm xmm MOTE: The suppression shall add as on any variation to the appropriat tank or basis larger.	Tel: 02 8236 3300
0.2m EMBEDMENT UNDISTURBED AREA	SILT TRAP 1 you will be the company of the company	The surveyor shall advise on any variation to the approved tank or basin levels and this information shall be clearly marked on the as-built drawings.	Whipps-wood consultation But a supplement of the first projection Design
J OF FITER FABRIC GROUND SURFACE CONSTRUCTION OF SEDIMENT FENCE & ANY OTHER SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH MANAGING URBAN STORMANTER: SOILS & CONSTRUCTION COMMONLY KNOWN AS THE BLUE BOOK.	GRAVEL LAYER WRAPPED IN GEOTEXTILE FILTER FABRIC	NAME OF SURVEYOR : DATE :	Town Oracle & Althou Sheet T + 45 to 2 bits 2 badd Aldown From 1997 201 F + 41 OZ 8723 8444 P + 41 OZ 872 8444 D + 41 OZ 872 873 874 874 874 874 874 874 874 874 874 874
INTERNET REFERENCE. http://www.landcom.com.aubjublications.aspix OINTEMPORARY SEDIMENT FENCE.	DE INDICATIVE SECTION THROUGH DETENTION TANK 100 APPROXI 20 100 APPROXIMATELY NORTH		Lake Macquarie Private Hospital - Radiation Oncology &
H22 NOT TO SCALE			3 Sydney St GATESHEAD
ĸ			(Lake Macquarie Council)
		_	HYDRAULIC SERVICES STORMWATER DETAILS
		Det	SIGN_ENGINEER DETAILS signed by: ISAAC 'IP B E(Hons) MIE Aust CP Eng
		тн	nature Locace Xip PRELIMINARY ISSUE: NOT FOR CONSTRUCTION SAM PRELIMINARY ISSUE: NOT FOR CONSTRUCTION
L		BE CC ST.	EN PREPARED WITH THE INTENT OF THE BUILDING DE OF AUSTRALIA PART F1.1 DRAINAGE, AUSTRALIAN ANDAD A SALTS 200.3 2 TOPAMAZED DRAINAGE A 2009_0.02844/2 H04 / P2
		Lo	Draw: IY Daw: JUN 2012 Dray: IY Scale -
B1 1 2 3 4 5	6 7 8 9 1	10 11 12 13	Vorfeet No in set 4 14 15 16 17



(A) EASEMENT FOR ELECTRICITY SUBSTATION 5.3 WIDE (D.P.1060815)

(B) EASEMENT FOR ELECTRICITY PURPOSES 5.5 WIDE (W4076430)

SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:200

LOT 1 COMPRISES THE STRATUM LOT UNLIMITED IN HEIGHT AND DEPTH EXCEPT FOR THE PARTS LIMITED IN DEPTH TO RL.41.43, 42.31 AND 45.0 A.H.D. LOT 2 COMPRISES THE STRATUM LOT UNLIMITED IN DEPTH AND LIMITED IN HEIGHT TO RL.41.43, 42.31 AND 45.0 A.H.D.

PLAN OF:

AREAS AND DIMENSIONS ARE SUBJECT TO ADJUSTMENT ON FINAL SURVEY



PROPOSED SUBDIVISION IN STRATUM OF LOT 200 DP1060815 AND

LOT 9 DP24268

PREPARED FOR:

AKALAN PROJECTS PTY LTD ATTN: RAPHAEL PULLIN

DRAWN BY: AW CHECKED BY: SCALE: 1:500 (A3) JOB REF: CRH12-375C DWG FILE: CRH12-375C-SUB-1A REVISION: A 2/07/2012

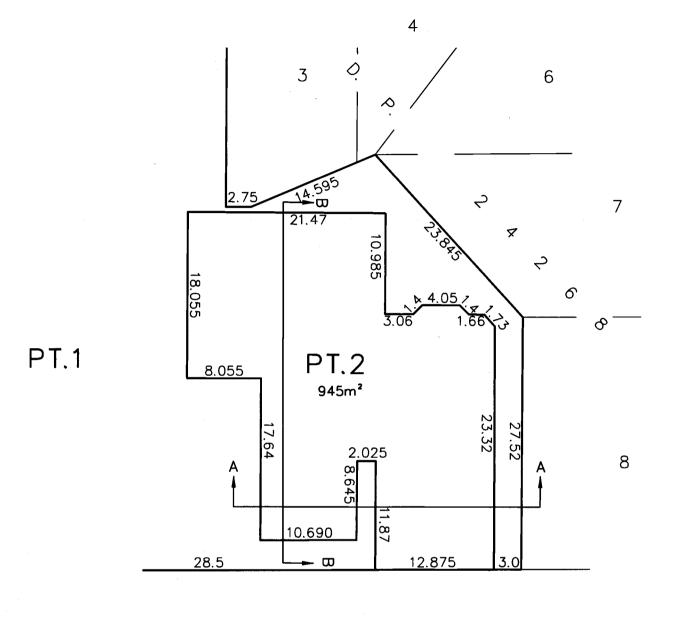
SHEET 1 OF 2











RL.45.0 RL.41.43 PT.2 PT.2 <u>SECTION A-A</u> 1: 400 PT.1

PT.1

RL.42.31 RL.41.43 PT.2

> SECTION B-B 1: 400

PACIFIC HIGHWAY

AREAS AND DIMENSIONS ARE SUBJECT TO ADJUSTMENT ON FINAL SURVEY



DRAWN BY: AW CHECKED BY: SCALE: 1:400 (A3) JOB REF: CRH12-375C

DWG FILE: CRH12-375C-SUB-1A REVISION: A 2/07/2012 SHEET 2 OF 2







PROPOSED SUBDIVISION IN STRATUM OF LOT 200 DP1060815 AND

LOT 9 DP24268

PREPARED FOR:

AKALAN PROJECTS PTY LTD ATTN: RAPHAEL PULLIN

cover page lake macquarie private hospital





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k /	IANDSCAPE ARCHITECTS IS AN INFRINGEMENT OF COPYRIGHT	Α	15.06.12	DA	GF	SR					
	PERMISSION OF TERRAS	В	18.06.12	DA	GF	SR					
	AND PASSING IT ON TO OTHERS WITHOUT THE EXPRESS	С	27.06.12	DA	GF	SR					
	ARCHITECTS, PHOTOCOPYING OR REPRODUCING THIS DOCUMENT	D	24.06.12	DA	GF	SR					
	DOCUMENT ARE THE PROPERTY OF TERRAS LANDSCAPE								¥c.		
-	THE IDEAS, INFORMATION AND CONCEPTS CONTAINED IN THIS				_						_

dwg no.	drawing title	issue
8517.5 - DA STAGE 2 - L00	COVER SHEET	D
8517.5 - DA STAGE 2 - L01	LANDSCAPE ANALYSIS	С
8517.5 - DA STAGE 2 - L02	HARDWORKS PLAN	D
8517.5 - DA STAGE 2 - L03	SOFTWORKS PLAN	D
8517.5 - DA STAGE 2 - L04	LANDSCAPE DETAILS	A
8517.5 - DA STAGE 2 - L05	LANDSCAPE SPECIFICATIONS	D

LAKE MACQUARIE PRIVATE HOSPITAL ADDITION - STAGE 2

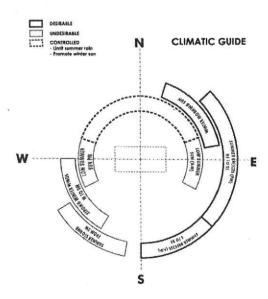
CNR SYDNEY ST & PACIFIC HIGHWAY GATESHEAD



CHECK D	FIGURED DIMENSIONS IMENSIONS, LEVELS ON S OR COMPLETION OF	SITE PRIOR TO	ORDERING
drawn: GF	scale: NTS@A1	no in set: 0 OF 5	date: 24,09,12
phase:	project no:	DWG no:	revision n
DA	8517.5	L00	D



LANDSCAPE ANALYSIS.





1. View looking east over the Pacific Highway



accompdate proposed extension.



Existing grasses / groundcovers below Brush







8. View looking north east towards entrance to future car park.



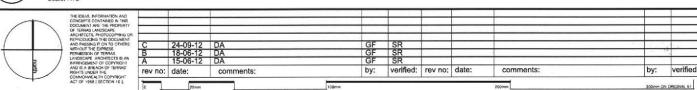
4. Existing Crepe Myrtle to be retained.

5. Turfed verge east of L 9 DP 24268 to be



9. View looking east towards lot 4 DP 24268 showing location of entry to future carpark.

CLIMATIC GUIDE.



LAKE MACQUARIE PRIVATE HOSPITAL

ADDITION - STAGE 2 RAMSEY HEALTHCARE PTY LTD CNR SYDNEY ST & PACIFIC HIGHWAY GATESHEAD SITE ANALYSIS



LANDSCAPE DESIGN REPORT

L 1.0 GENERAL DESCRIPTION

The following landscape design report has been prepared in accordance with the requirements of Development Control Plan No. 1 (including associated guidelines). The site is located within the 3(2) urban centre support zone as defined by the LMCC LEP 2004. The proposal being a 'medium scale development with potential visual significance and impact on the amenity of the surrounding neighborhood in the 2(2) Residential urban living zone.

The site is extends from within the existing grounds of the Lake Maquarie Private Hospital into the adjoing lots and is located adjacent to the Pacific Highway (ref photo a). The site's topography falls generally to the south eastern corner. Access to the site is currently via both Sydney and Casey Streets which feed onto a minor access road which accesses the site.

L2.0 EXISTING CONDITIONS

Due to its current use as a carpark and residential development existing vegetation on the site is limited to above and between the existing blockwork retaining wall.

The eastern street boundary consists of turf, native grass / groundcover and a variety of trees including Tuckeroos (*Cupaniopsis anacardioides*), Brushbox (*Lophostemon confertus*) and Crepe myrtle (*Lagerstroemia*) indica). The proposed development will require the removal of a portion of the existing vegetation to allow for the construction of the proposed building and car access.

The removal of the trees and groundcovers will be offset by replacement planting along the western, northern and eastern boundary.

Views from the site are naturally directed to the east (ref photo b), due to the topography of the site, existing buildings comprising the hospital and the elevated position of the site above the Pacific Highway which lies to the east. Beyond the highway views are of residential dwellings and forested ridgelines. Views to the north and west are obstructed due to the neighboring residence.

The landscape character surrounding the site consists of mainly 1 storey brick and tile residences aligning a busy transport route (the Pacific Highway) merging into commercial and public buildings and facilities which make up the Gateshead town centre.

L3.0 PROPOSED DEVELOPMENT

The proposed development consists of a single storey building being constructed over the existing carpark and into the adjoining northern lot. The existing carpark will be reduced to 22 spaces (with 2 disabled), future development of the adjoining western lot will provide additional spaces. The development provides consultancy rooms and facilities for CT scaning and Radiation oncology.

L4.0 DESIGN PRINCIPLES

The landscape design intends to adopt the following principles:

- Removal of 7 existing trees
- 12 new advanced trees
- Mass planting along Old Pacific Hwy of Lomandra longifolia, Lomandra 'Tanika' and Grevillea 'Robyn Gordon' to reflect the existing species
- · Shade tolerant mass planting between proposed and existing development Phillodendron 'Xanadu', Clivia miniata, Molineria capitulata, Cyathea cooperi, Cycas revoluta, Asplenium australasicum, Liriope muscari and Viola hederacea.
- · Make good existing turf
- · Provide small courtyard area outside staff lunch room
- Ensure northern retaining wall is softened using tall plants in conjunction with groundcovers that spill over the wall



CHECK D	FIGURED DIMENSIONS IMENSIONS, LEVELS ON S OR COMPLETION OF	SITE PRIOR TO	ORDERING
drawn: GF	scale: NTS@A1	no in set: 1 OF 5	date: 24.09.12
phase:	project no:	DWG no:	revision no
DA	8517.5	L01	С

address: 412 king street newcastle nsw 2300 ph; 49 294 926 fax; 49 263 069 www,terras.com.au



Cyathea cooperi









Grevillea 'Robyn Gordon





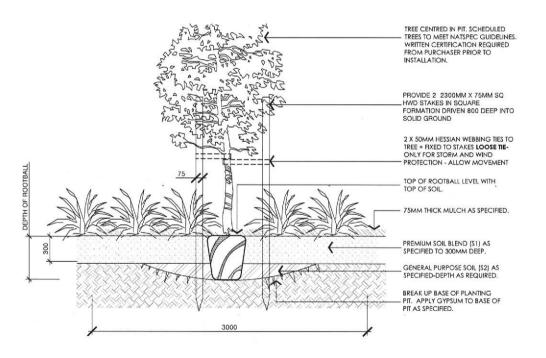




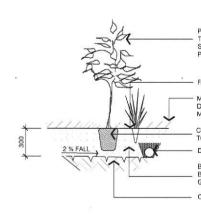




Elaeocarpus eumundi



50 x 50 x 400 (H4) TREATED PINE PEGS @ MAX 1200 -CENTRES TO FINISH 25mm BELOW TOP OF TIMBER EDGE 100 X 50MM (H4) TREATED PINE EDGE; AFFIX TO -SUPPORT PEGS USING 2 x GALV, SCREWS. EDGING TO FINISH FLUSH WITH FINISHED GROUND LEVEL; PEG TO FINISH 25mm BELOW TOP OF EDGING TURF TO BE LAID ON 100MM TOPSOIL AS SPECIFIED. CULTIVATE ADDITIONAL 100MM.



PLANTS TO BE HEALTHY AND VIGOROUS. TREES MUST HAVE SINGLE TERMINAL SHOOT (UNLESS DOCUMENTED TYPICAL OF PLANT TYPE), SHRUBS BUSHY IN CHARACTER AND NO INSECT DAMAGE FOUND ON PLANT. REFER TO NATSPEC PLANT GUIDELINES.

FINISHED GROUND LEVEL. SET TOP OF PLANT ROOTBALL TO THIS LEVEL.

MULCH TO BE PLACED AROUND THE BASE OF PLANTS, 75MM MIN DEPTH, TO BE KEPT 150MM AWAY FROM BASE OF TREES/SHRUBS. MULCH ALL PLANTED AREAS UNLESS SPECIFIED.

CHECK PLANT FOR ROOTBINDING. WHERE UNACCEPTABLE ACCORDING TO NATSPEC, REJECT.

DRAINAGE TRENCH + PIPE AS SPECIFIED CONNECT TO EXISTING STORMWATER

BACKFILL WITH PREMIUM GARDEN SOIL (S1) AS SPECIFIED. PLANTER BEDS TO BE BACKFILLED TO 300MM DEPTH, ADD SLOW RELEASE FERTILISER AND 200 GMS OF GYPSUM PER SQM TO BASE OF PIT AS SPECIFIED.

CULTIVATED SUBGRADE.

TREE IN MASS PLANTING TYPICAL DETAIL

1:20

TIMBER EDGE AND TURF TYPICAL DETAIL

CNR SYDNEY ST & PACIFIC HIGHWAY

1:20

GATESHEAD

DRAWING:

MASS PLANTING TYPICAL DETAIL

1:20

GF SR by: verified: rev no: date: comments: rev no: date: comments

LAKE MACQUARIE PRIVATE HOSPITAL ADDITION - STAGE 2 CLIENT: RAMSEY HEALTHCARE PTY LTD

LANDSCAPE DETAILS address: 412 king street newcastle nsw 2300 ph: 49 294 926 fax: 49 263 069 www.terras.com.au



WORK TO CHECK D MATERIAL	FIGURED DIMENSIONS IMENSIONS, LEVELS ON LS OR COMPLETION OF	IN PREFERENCI SITE PRIOR TO WORKSHOP DR	E TO SCALE. ORDERING AWINGS.
drawn:	scale:	no in set:	date:

8517.5 L04 Α

PROJECT SPECIFICATION

1.0 GENERALLY

All landscape works shall be carried out by a person or business eligible for membership with the Landscape Contracter Association of NSW or comparable trade organisation. The Contractor shall allow for all restriction to his operations caused as a result of other contractors, likely damage to existing structures, fences, retaining walls, pavements, services or other improvements either within or outside the site. The Contractor shall be responsible for ensuring that full and adequate protection from damage shall be provided to all finished surfaces and material subject to staining or other disfigurement,

and shall be responsible for making good all damages and disfigurement.

Check with engineers drawings when available to see extent of earthwork, drainage, changes in and location of services, coordinated works as required.

1.2 ORDERING

REQUIREMENT: Within 14 days of the date of acceptance of tender, furnish proof of ordering the required materials, and advise immediately if any supply difficulties are encountered. Ensure Substitutions shall not be approved unless accepted in writing by the supervisor. The plant schedule shall be the accepted document for plant quantities and sizes to be used for the project. Where discrepancies arise between the drawings and the plant schedule seek clarification from the

1.3 INSPECTION

The contractor must notify the Superintendent prior to commencement of stages of work. Refer Section 4 of specifications. Contractor shall be required to amend / alter any works completed without hold points reviewed

REFERENCED DOCUMENTS:

- AS 4419 Soils for landscaping and garden use. 1998
- AS 4454 Composts, soil conditioners and mulches 1997
- AS 4373 Pruning of amenity trees 1996

PLANTS: All plants shall be made available for inspection on site or at local nursery. The entire material represented may be rejected, except of plants with a correctable defect subject to satisfactory treatment.

TREES SHALL COMPLY WITH NATSPEC 2 GUIDELINES - PURCHASING LANDSCAE TREES BY ROSS CLARK.

BULK MATERIALS: 2 kg sample of each type specified. Submit bulk material samples, not less than 2 working days before bulk deliveries

INSPECTION OF TREES:

Timing: Trees may be inspected before shipment.

Partial sampling: Expose a small section of the rootball, by washing, sufficient to permit inspection of root development from the stem to the outer extremity. After inspection, carefully replace soil.

Root systems: Root systems may be inspected using partial sampling at the following rates

- <20 trees: 1 tree sampled

Forward order contracts: Submit regular reports in writing to the contract administrator. Include checks against

specification requirements, and current photographs. Inspection frequency:

-Report frequency:

Compliance

General: Non-compliance may lead to rejection of the entire batch.

Substitution: If non-complying trees are proposed, submit proposal in writing to the contract administrator. Only writter approvals of substitution are recognised. Submit a copy of the written approval of substitution with the non-complying

Holding proposal

General: Submit proposals in writing to the contract administrator for proposed methods for holding trees beyond specified dates so that trees will continue to comply.

Responsibility: Landscape Contractor

1.6 WEEDS

Eradicate weeds by environmentally acceptable methods using a non-residual glyphosate herbicide at the manufactorer's recommended rates. Regularly remove, by hand, rubbish and weed growth that may occur or recur throughout grassed, planted and mulched areas. Continue eradication throughout the course of the works and during the Planting Establishment Period so that a weed free grea is established at completion of the establishment period.

Existing services on site may include but not limited to storm water drainage, water, and associated power service conduits. Locations of all services should be established prior to excavation and cultivation of planting beds and installation of trees etc. Do not excavate by machine within 1m of existing underground services without prior approval or identification of service locations.

Services locations where shown are approximate only, the true location of actual in ground services must be determined by the contractor on site.

1.8 SETOUT AND DIMENSIONS

Critical design dimensions shall be obtained by the landscape contractor by survey before commencing work. Check engineerss drawings where available to determine extent of earthworks, structures

2.0 SOILS

CUITIVATION: Cultivate bases of planting holes and beds 1.50mm, do not use augers unless followed with cultivation of sides and base. Do not disturb services or free roots: if necessary cultivate these areas by hand. Cultivate manually within 300 mm of paths or structures. Remove stones exceeding 25 mm, clods of earth exceeding 50 mm, and any weeds. rubbish or other deleterious material brought to the surface during cultivation. Trim the surface to the required design levels after cultivation.

2.2 SUBSOIL ADDITIVES

ADDITIVES: Apply required additives to stockpiled site topsoil as required by soil tests if scheduled in this specification. GYPSUM Provide 150a/m.sa aypsum to base of all tree planting locations unless otherwise approved.

2.3 SOIL
DEFINITIONS: [From AS 4419 - 1998, Soils for landscaping and garden use]
TYPE 01 General purpose soil: A soil which is suitable for the growing of domestic plants.
TYPE 02 Premium garden soil: A general purpose soil that contains additional organic matter [min 10% OM]
TYPE 03 Topsoil: The original surface layer of soil from grassland, bushland or cultivated land.
Soil for the landscape works shall be free from weeds including but not limited to, onion weed, nut grass, clover, wandering jew, bindii and oxalis. The landscape contractor shall obtain a certificate from the soil supplier that the soil provided for the project is weed free and be made available to the client if requested. Soil shall be assumed to be placed to all mass planting bed areas and individual tree planting locations. The landscape contractor is responsible for the removal and or disposal of all spoilt or excess soil excavated in the process of implementing the landscape works. Soils shall comply with the texture classification 'Medium - (sandy Loam)' or 'Coarse - (sandy soil)'

2.4 SOIL LEVELS finished soil levels shall allow turf or mulch to be finished level to the top of timber edging, kerbs, paving or concrete foolpaths or as otherwise shown on drawings.

PLACING: Place the approved soil on the prepared subsoil. Spread and grade evenly, making the necessary allowances so that the required finished levels and contours may be achieved after light compaction. Prevent areas of excess compaction being caused by constructional plant. Avoid differential subsidence and produce a finished sail surface

writurns.
at design levels;
smooth and free from stones or lumps of soil;
graded to drain freely, without ponding, to catchment points;
graded evenly into adjoining ground surfaces; and

ready for planting.

REQUIREMENT: Provide proprietary fertilisers, delivered to the site in sealed bags marked to show manufacturer or vendor, weight, fertiliser type, N:P:K ratio, recommended uses and application rates. Use in accordance with the manufacturer's recommendations

2.7 MULCH
GENERALLY: Use mulch as scheduled which is free of deleterious and extraneous matter such as soil, weeds and sticks. Use organic mulches which are free of stones AND COMPLY WITH AUSTRALIAN STANDARDS SPECIFYING LESS THAN 5% FINES. APPLICATION: Place mulch to the required depth, clear of plant stems, and rake to an even surface flush with the surrounding finished levels.

2.8 SUB-SURFACE DRAINAGE

Provide sub soil drains where necessary to intercept groundwater seepage and prevent water build up in tree planting pits. Connect subsoil drains to the stormwater drainage system. Refer to plans and details. Groundworks, for trench excavation and backfilling STANDARD: To AS 3500.

INSPECTION: Give sufficient notice so that inspection may be made at the following stages:

INSTECTION: Give sufficient natice so that it specifion may be made at the following stages.

* Sub-soil drainage laid in position prior to covering.

CONNECTION: If connection into an existing drain is required, carry out the excavation necessary to locate and expose the connection point. On completion, reinstate the surfaces and elements which have been disturbed such as roads,

pavements, kerbs, footpaths and nature strips.

PIPE DEPTH: Comply with the following minimum depths, measured to the crown of the pipe:

450mm below the finished surface of unpaved ground.

SUBSOIL DRAINS: Perforated plastic pipe: To AS 2439.1

Junctions: Use purpose made fittings.

BACKFILLING:Backfill with 20mm nominal size washed screenings, to the following depths:

To the underside of the bases of overlying structures such as pavements, slabs and channels.

To within 75mm of the finished surface of unpaved or unhandicapped areas.

FILTER FABRIC: Use polymeric fabric formed from a plastic yarn containing stabilizers or inhibitors to make the filaments resistant to deterioration due to UV light.

IDENIFICATION AND MARKING: To AS 3705

PROTECTION: Protect the fabric from prolonged exposure to sunlight.

FILTER SOCK: Use an approved permeable polyester sock capable of retaining particles of 0.25mm size. Securely fit or join sock at each joint by tape or other approved means.

3.0 SOFT LANDSCAPE WORKS

3.1 PLANTS
Supply plants to the following quality:
are vigorous, well established, free from disease and pests, of good foliage, have large healthy root systems, with no

evidence of root cur, restriction or damages:

are hardened off, not soft or forced, and suitable for planting in the natural climatic conditions prevailing at the site,
do not require staking to stand upright other than staking to control damage from strong winds or local conditions.

Staking should then be as detailed on the drawings and provide free movement with support only to protect from

SUBSTITUTIONS: Make no substitutions.

LABELLING: Label at least one plant of each species or variety in a batch with a readable tag.

REPLACEMENTS:. Using plants of the same type, quality and size, replace any plants which are damaged whilst being transported to the site or during the work under the Contract, or which fail or are rejected.

STORAGE: Deliver plant material to the site on a day to day basis, and plant immediately after delivery. If this is not possible, keep the plants in good condition on the site, adequately protected from frost, wind, sun and vermin by appropriate storage methods, including an on-site nursery of sufficient size, with provision for watering the stock. POTTING-ON: Do not carry out potting-on unless authorised

3.2 TURFING
TURF: Obtain turf from a specialist grower of cultivated turf. Use turf of even thickness, free from weeds and other foreign

SUPPLY: Deliver the turf within 24 hours of cutting, and lay it within 36 hours of cutting. Prevent it from drying out between

SUPPLY: Deliver the turf within 24 hours of cutting, and lay it within 36 hours of cutting. Prevent it from drying out between cutting and laying.

FERTILISING: Mix the fertilizer thoroughly into the topsoil before placing the turf. Apply lawn fertiliser at the completion of the first and last mowings, and at other times as required to maintain healthy grass cover.

LAYING: Lay the turf in the following manner:

In stretcher pattern with the joints staggered and close butted.

Parallel with the long sides of level areas, and with contours on slopes.

To finish flush, after tamping, with adjacent finished surfaces of ground, paving edging, or grass seeded areas.

TAMPING: Lightly tamp to an even surface immediately after laying. Do not use a roller.

WATERING: Water immediately after laying until the topsoil is moistened to its full depth. Continue watering to maintain moisture to this depth. Keep the grass in a healthy condition.

MOWING: Mow to maintain the grass height within the required range. Carry out the last mowing not more than seven days before the end of the planting establishment period. Remove grass clippings from the site after each mowing.

MAINTENANCE: Maintain the turfed areas until the attainment of a dense continuous sward of healthy and evenly green arass over the whole area. Lift failed turf and relay with new turf.

maintenance, maintain the infeat areas shift fine and aroutiness of a desise continuous sward of reality and eventy green grass over the whole area. Lift failed turf and relay with new turf.

TOP DRESSING: When the turf is established mow, remove cuttings and lightly top dress entire turf area to a depth of 10 mm. Rub the dressing well into the joints and correct any unevenness in the turf surface.

3.3 MAKING GOOD

Making good shall apply to any area affected by the contractor that does not form part of the final works. Shall include, but not limited to: the contractor's compound, stockpile areas, sealimentation and erosion control measures, etc. Making good shall require the contractor to repair any damage and / or return disturbed areas to a pre-construction state and may involve some or all of the following:

• Removing all contractors structures (eg: site sheds), fences, barriers, unused and unwanted materials.

• Removing contaminants and affected ground.

• Returning levels to existing.

• Decompaction.

• Ripping.

Spreading topsoil.

Resurfacing (including turfing and revegetation)

3.3 PLANTING ESTABLISHMENT

PERIOD: The Planting Establishment Period commences at the date of issue of a written certificate of practical completion from the superintendent.

from the superintendent.
PROGRAM: Furnish a proposed planting maintenance program with the tender
LOG BOOK: Keep a log book recording when and what maintenance work has been done and what materials, including
toxic materials, have been used. Make the log book available for inspection on request.
RECURRENT WORKS: Throughout the Planting Establishment Period, continue to carry out recurrent works of a maintenance
nature including, but not limited to, watering, mowing, weeding, rubbish removal, fertilising, pest and disease control,
staking and tying, replanting, cultivating, pruning and keeping the site neat and tidy.
REPLACEMENTS: Continue to replace failed, damaged or stolen plants for the extent of the Planting Establishment Period.
MULCHED SURFACES: Maintain the surface in a clean and tidy condition and reinstate the mulch as necessary.
GRASSED AREAS: Commence grass maintenance works at the completion of turfing, and continue to carry out grass
maintenance throughout the contract and Planting Establishment Period, maintaining healthy weed free growth.
STAKES AND TIES: Adjust or replace as required. Remove those not required at the end of the Planting Establishment Period.
Prune trees as directed by the landscape architect.

STAKES AND IES. Adjoin of replace at required, remove indee not required at the end of the ranking association in Frune trees as directed by the landscape architect.

SITE WATER: The contractor shall be responsible for sourcing, checking availability and if required importing water to maintain the plants during the plant establishment period as required under this specification.

4.0 SCHEDULE OF MATERIALS AND FINISHES

NOTE: Use proprietary items as specified below or similar item equal in workmanship, materials and design if approved by

EXCAVATION SCHEDULE

Depth below finished surface levels shown on plan LOCATION DEPTH SOIL NOTES

LOCATION

Allow for 300mm topsoil and 75mm mulch.

Ensure no ponding

02 Premium garden soil [10 % compost]

Top 300mm Below 300mm 300mm 01 General purpose soil
02 Premium garden soil [10 % compost]
01 General purpose soil - sandy loam - IMPORTED Mass Planting

HOLD POINTS - CHECKS REQUIRED

note Forms - Checks Required.

Landscape confractor shall provide superintendent notification of Checks on progress of the works required and obtain approval to proceed following checking at hold points below.

STAGE OF WORKS	REQUIRED WORK TO BE COMPLETED	NOTICE
Plant stock	All plants to be made available on site or at local nursery or holding area prior to planting.	2 days
Subarades	Excavated and cultivated with sub soil drainage	
	lines installed prior to placing soil.	1 day
Planting works	Placement of planting and planting techniques.	1 day
Completion	Completion of all landscape works	
•	as documented on the drawings.	2 days
Maintenance period	Completion of plant establishment activities.	2 days

FERTILISER SCHEDULE

APPLICATION RATE As per manufacturers recommended rate.
As per manufacturers recommended rate. 6 month slow release for natives 17:1.6:8.7 Mass Planting

4.5 MULCH SCHEDULE. LOCATION

TURF SCHEDULE. CODE

EDGE SCHEDULE

TYPE $100 \times 50 \text{mm}$ treated pine, with $450 \times 50 \times 50 \text{mm}$ hardwood fixing pegs at max 1200 mm centres

DRAINAGE SCHEDULE TYPE

90mm diameter perforated plastic pipe to A\$ 2439.1. Junctions: Use purpose made fittings. Connect to stormwater outlets.

PAVING SCHEDULE

CODE LOCATION
P1 As shown on landscape plans

Marrangaroo pearl quartz ~ 10mm 4% oxide by weight ccs oyster in grey concrete

ANL Decogold or approved equivalent Not to exceed 7mm

As shown on landscape plans

GATE SCHEDULE

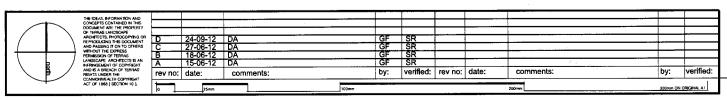
As shown on landscape plans

Equal to Dunn and Faruggia fencing 2.4m high capped heavy

PLANT ESTABLISHMENT SCHEDULE.

All New Plantinas

NOTES
From date of written acceptance of Practical Completion for landscape works.



DDO IECT LAKE MACQUARIE PRIVATE HOSPITAL ADDITION - STAGE 2

address; 412 king street newcastle nsw 2300 ph; 49 294 926 fax; 49 263 069 www.terras.com.a

CNR SYDNEY ST & PACIFIC HIGHWAY GATESHEAD LANDSCAPE SPECIFICATIONS RAMSEY HEALTHCARE PTY LTD



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