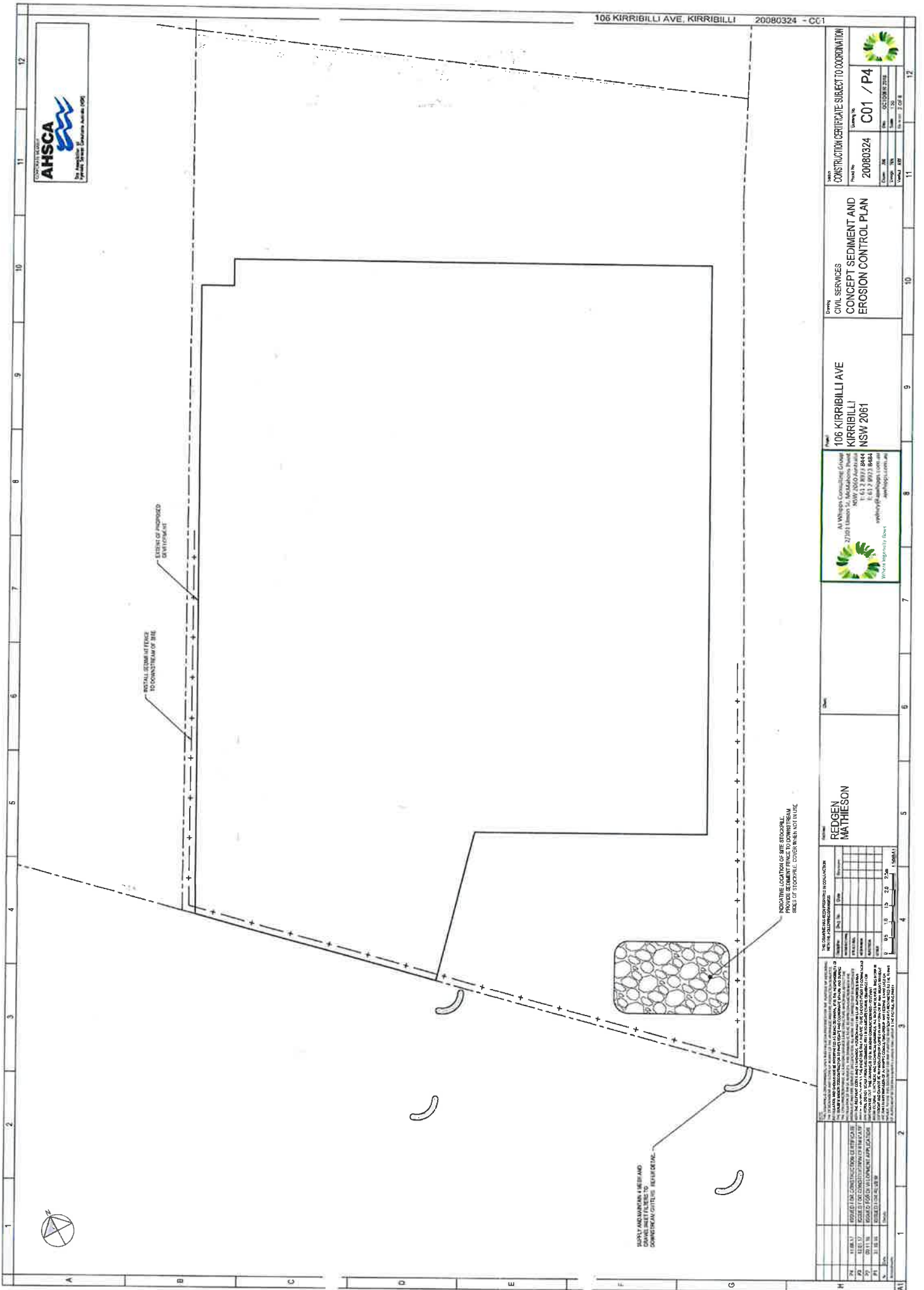




106 KIRRIBILLI AVE, KIRRIBILLI 20080324 - CC1

CONSTRUCTION CERTIFICATE SUBJECT TO COORDINATION

Project No: 20080324

Drawing No: C01 / P4

Client: 2061

Scale: 1:500

Issue: 1

Issued: 2008

Valid to: 2012

CIVIL SERVICES
CONCEPT SEDIMENT AND
EROSION CONTROL PLAN

106 KIRRIBILLI AVE
KIRRIBILLI
NSW 2061

At Whistler Consulting Group
2201 Limbory Road
NSW 2060 Australia
T: 61 2 8937 8444
F: 61 2 8937 8464
info@whistlerconsulting.com.au
www.whistlerconsulting.com.au

REDGEN MATHIESON

Station	Chk. No.	Size	Remarks
1	1.0	1.0	1.0m x 1.0m
2	2.0	2.0	2.0m x 2.0m
3	3.0	3.0	3.0m x 3.0m
4	4.0	4.0	4.0m x 4.0m
5	5.0	5.0	5.0m x 5.0m
6	6.0	6.0	6.0m x 6.0m
7	7.0	7.0	7.0m x 7.0m
8	8.0	8.0	8.0m x 8.0m
9	9.0	9.0	9.0m x 9.0m
10	10.0	10.0	10.0m x 10.0m
11	11.0	11.0	11.0m x 11.0m
12	12.0	12.0	12.0m x 12.0m

Station	Chk. No.	Size	Remarks
1	1.0	1.0	1.0m x 1.0m
2	2.0	2.0	2.0m x 2.0m
3	3.0	3.0	3.0m x 3.0m
4	4.0	4.0	4.0m x 4.0m
5	5.0	5.0	5.0m x 5.0m
6	6.0	6.0	6.0m x 6.0m
7	7.0	7.0	7.0m x 7.0m
8	8.0	8.0	8.0m x 8.0m
9	9.0	9.0	9.0m x 9.0m
10	10.0	10.0	10.0m x 10.0m
11	11.0	11.0	11.0m x 11.0m
12	12.0	12.0	12.0m x 12.0m

GENERAL REQUIREMENTS

SITE ESTABLISHMENT

IN ORDER TO THE COMPLETION OF FACTWORKS ON THE SITE, THE FOLLOWING SHALL BE INTERFERED AS A MINIMUM:

- 1. ERECT SAFETY FENCING WITH SIGNAGE CLEARLY INDICATING THAT THE SITE IS A CONSTRUCTION ZONE AND ACCESS IS RESTRICTED AS DELAYED NECESSARY.
- 2. ERECT A VEHICLE BARRIER TO PREVENT UNAUTHORIZED ACCESS TO THE SITE. THE BARRIER SHOULD NOT SHOW THAT THE VEHICLE INFORMATION TO ENSURE PROTECTS EXISTING VEHICLES.
- 3. INSTALL STABILIZED SITE ACCESS IN ACCORDANCE WITH DRAINAGE DESIGN AT EACH SITE ACCESS POINT TO PREVENT CONSTRUCTION EQUIPMENT FROM CAUSING EROSION.
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CONSTRUCTION

1. **GENERAL** - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS AND STANDARDS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) AND THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).

2. **FOUNDATIONS** - ALL FOUNDATIONS SHALL BE DESIGNED AND CONSTRUCTED TO SUPPORT THE STRUCTURE UNDER ALL LOADS, INCLUDING SEISMIC LOADS. THE FOUNDATIONS SHALL BE PROTECTED AGAINST CORROSION AND DAMAGE FROM FLOODING.

3. **STEEL ERECTION** - ALL STEEL ERECTION SHALL BE DONE IN ACCORDANCE WITH THE AISC STEEL ERECTION MANUAL. THE STEEL SHALL BE WELDED TOGETHER TO FORM A RIGID FRAME.

4. **CONCRETE** - ALL CONCRETE SHALL BE PLACED AND FINISHED TO THE SPECIFICATIONS OF THE AMERICAN CONCRETE INSTITUTE (ACI). THE CONCRETE SHALL BE CURED PROPERLY TO ACHIEVE THE DESIRED STRENGTH.

5. **PAINTING** - ALL STEEL SHALL BE PAINTED WITH AN ANTI-RUST PAINT. THE PAINT SHALL BE APPLIED TO ALL EXPOSED SURFACES OF THE STEEL.

6. **FINISHES** - ALL INTERIORS SHALL BE FINISHED TO THE SATISFACTION OF THE ARCHITECT. THE FINISHES SHALL BE DURABLE AND EASY TO MAINTAIN.

7. **MECHANICAL, ELECTRICAL, AND PLUMBING (MEP)** - ALL MEP WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL MECHANICAL, ELECTRICAL, AND PLUMBING INSTITUTE (NEMEP) STANDARDS.

8. **SEISMIC RETRADING** - ALL SEISMIC RETRADING SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE SEISMIC RETRADING MANUAL. THE RETRADING SHALL BE DONE BY A QUALIFIED ENGINEER.

9. **QUALITY CONTROL** - ALL WORK SHALL BE SUBJECT TO INSPECTION AND TESTING BY A QUALIFIED ENGINEER. THE ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

10. **SAFETY** - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE OSHA SAFETY STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SAFETY EQUIPMENT AND TRAINING.

11. **ENVIRONMENTAL PROTECTION** - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY (EPA) STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

12. **COMMUNITY RELATIONS** - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE COMMUNITY RELATIONS STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

13. **DOCUMENTATION** - ALL WORK SHALL BE DOCUMENTED IN ACCORDANCE WITH THE PROJECT MANUAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY DOCUMENTATION.

14. **COMPLETION** - ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

15. **WARRANTY** - ALL WORK SHALL BE WARRANTED FOR A PERIOD OF ONE YEAR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY WARRANTY DOCUMENTATION.

16. **DISPUTE RESOLUTION** - ALL DISPUTES SHALL BE RESOLVED IN ACCORDANCE WITH THE DISPUTE RESOLUTION STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

17. **FORCE MAJEURE** - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE FORCE MAJEURE STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

18. **ASSIGNMENT** - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE ASSIGNMENT STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

19. **TERMINATION** - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE TERMINATION STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

20. **GENERAL NOTES** - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE GENERAL NOTES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

STOCKPILES

10 SPOT AND TOPSOIL STOCKPILES SHALL BE LOCATED NO CLOSER THAN 2m (APPROXIMATELY 5m) FROM EXISTING VEGETATION. CONCENTRATED WATER FLOW ROADS AND DRAINAGE CANALS SHALL BE INSTALLED TO PREVENT EROSION OF STOCKPILES.

11 STOCKPILES ARE TO BE IN PLACE FOR LONGER THAN 10 DAYS THEN THEY SHALL BE STABILIZED TO PREVENT EROSION WITH TEMPORARY VEGETATION OR OTHER MEASURES. STOCKPILES SHALL BE STABILIZED WITHIN 10 DAYS OF COMPLETION OF THE PROJECT.

THE IMPLOYER SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE DOWNSIDE BOX ON ANY STOCKPILE.

MAINTENANCE

ALL STOCKPILES SHALL BE MAINTAINED IN A MANNER THAT THE STOCKPILES ARE A MAXIMUM OF 20% FULL OF SOLID MATERIALS (INCLUDING LUSING: THE

[illegible]

16. **FIELD ACTION PREPARATION** SHALL BE ESTABLISHED BASED ON A CHECK SHEET. A SITE INSPECTION USING THE CHECK SHEET WILL BE MADE BY THE LIAISON OFFICER.

- **FIELD ACTION PREPARATION** SHALL BE ESTABLISHED BASED ON A CHECK SHEET.
- **IMMEDIATELY BEFORE DROUGHT RAIN AND AFTER RAINFALL**
- **ENTRIES WILL INCLUDE (BUT ARE NOT LIMITED TO)**
 - **IF THE DATE AND EXTENT OF ANY RAINFALL EVENTS**
 - **IF THE DATE AND EXTENT OF ANY DROUGHT EVENTS**
 - **IF THE CONDITION OF THE SOIL AND ANY WEEDS THAT MAY BE PRESENT**
 - **IF THE ACTS FOR SOIL PREVENTION (IF ANY)**

VIANT REPAIR WORKS TO BE UNDERTAKEN

REPAIR WORKS TO BE UNDERTAKEN SHALL BE ESTABLISHED BASED ON THE SOIL AND WEEDS PRESENT. REPAIR WORKS TO BE UNDERTAKEN SHALL BE ESTABLISHED BASED ON THE SOIL AND WEEDS PRESENT.

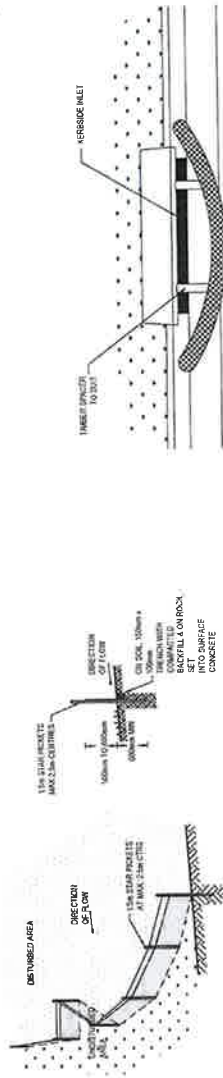
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AS RECOMMENDED BY THE MANUFACTURER, ONLY USE GEOTEXTILES SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SINKAGE CLOTH MAY INCREASE THE RISK OF FAILURE. ALWAYS FOLLOW THE FOLLOWING INSTRUCTIONS:

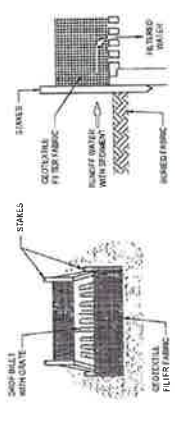
1. PREPARE THE SUBSTRATE SURFACE TO BE PROTECTED BY THE GEOTEXTILE.
2. PREPARE THE SUBSTRATE SURFACE TO BE PROTECTED BY THE GEOTEXTILE.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	52
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Year	Number of cases	Rate per 100,000	Relative consumption	
			Domestic	Import
1988-1990	11,881	1.1	100	100
1989-1991	13,117	1.2	100	100
1990-1992	15,117	1.3	100	100
1991-1993	17,117	1.5	100	100
1992-1994	19,117	1.7	100	100
1993-1995	21,117	1.9	100	100
1994-1996	23,117	2.1	100	100
1995-1997	25,117	2.3	100	100
1996-1998	27,117	2.5	100	100
1997-1999	29,117	2.7	100	100
1998-2000	31,117	2.9	100	100
1999-2001	33,117	3.1	100	100
2000-2002	35,117	3.3	100	100
2001-2003	37,117	3.5	100	100
2002-2004	39,117	3.7	100	100
2003-2005	41,117	3.9	100	100
2004-2006	43,117	4.1	100	100
2005-2007	45,117	4.3	100	100
2006-2008	47,117	4.5	100	100
2007-2009	49,117	4.7	100	100
2008-2010	51,117	4.9	100	100
2009-2011	53,117	5.1	100	100
2010-2012	55,117	5.3	100	100
2011-2013	57,117	5.5	100	100
2012-2014	59,117	5.7	100	100
2013-2015	61,117	5.9	100	100
2014-2016	63,117	6.1	100	100
2015-2017	65,117	6.3	100	100
2016-2018	67,117	6.5	100	100
2017-2019	69,117	6.7	100	100
2018-2020	71,117	6.9	100	100
2019-2021	73,117	7.1	100	100
2020-2022	75,117	7.3	100	100
2021-2023	77,117	7.5	100	100
2022-2024	79,117	7.7	100	100
2023-2025	81,117	7.9	100	100
2024-2026	83,117	8.1	100	100
2025-2027	85,117	8.3	100	100
2026-2028	87,117	8.5	100	100
2027-2029	89,117	8.7	100	100
2028-2030	91,117	8.9	100	100
2029-2031	93,117	9.1	100	100
2030-2032	95,117	9.3	100	100
2031-2033	97,117	9.5	100	100
2032-2034	99,117	9.7	100	100
2033-2035	101,117	9.9	100	100
2034-2036	103,117	10.1	100	100
2035-2037	105,117	10.3	100	100
2036-2038	107,117	10.5	100	100
2037-2039	109,117	10.7	100	100
2038-2040	111,117	10.9	100	100
2039-2041	113,117	11.1	100	100
2040-2042	115,117	11.3	100	100
2041-2043	117,117	11.5	100	100
2042-2044	119,117	11.7	100	100
2043-2045	121,117	11.9	100	100
2044-2046	123,117	12.1	100	100
2045-2047	125,117	12.3	100	100
2046-2048	127,117	12.5	100	100
2047-2049	129,117	12.7	100	100
2048-2050	131,117	12.9	100	100
2049-2051	133,117	13.1	100	100
2050-2052	135,117	13.3	100	100
2051-2053	137,117	13.5	100	100
2052-2054	139,117	13.7	100	100



FILTER ROLL DETAIL



STOCKPILE
NTS

GEOTEXTILE INLET FILTER

NOTE: PLANT STOCKS MORE THAN 2 (PREFERABLY 3) METERS FROM EXISTING VEGETATION CORRELATE WITH WATER FLOW, ROADS, AND HAZARDOUS AREAS.

2 WHEN THERE IS SUFFICIENT AREA, TROPICAL STOCKPILES SHOULD BE PLACED WITHIN 2 METERS OF EXISTING VEGETATION. WHEN THERE ARE NOT ENOUGH STOCKPILES TO FILL THE ENTIRE AREA, PLANT STOCKS SHOULD BE PLACED AT THE CORNERS OF THE STOCKPILE AREA.

3 THE APPROPRIATE LOCATION OF STOCKPILES SHOULD BE DETERMINED BY THE TYPE OF STOCKPILING OPERATION. STOCKPILING OPERATIONS SHOULD BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE THE RISK OF FIRE.

4 STOCKPILING OPERATIONS SHOULD BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE THE RISK OF FIRE.

[illegible]



NOTES

- 1. THESE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RELEVANT LOCAL AUTHORITY REQUIREMENTS FOR DEVELOPMENT APPLICATION PURPOSES TO DEMONSTRATE FEASIBILITY AND CONSTRUCTION CERTIFICATE STAGE.
- 2. DO NOT EXCAVATE OR CONSTRUCT ANY OF THE EXISTING OR PROPOSED WORKS UNLESS ALL DIMENSIONS ARE IN METERS AND ALL LEVELS ARE TO AUSTRALIAN HEIGHT ON CAN PILING.

HOLD POINT: ENGINEER TO INSPECT AND CONFIRM LOCATION OF BASE OF WALL TO PROPERTY BOUNDARY AFTER EXCAVATION IS COMPLETE. PROPOSED LAYBACK GUTTER CROSSING IS NOT TO BE CONSTRUCTED UNTIL LOCATION IS CONFIRMED TO ENGINEER'S APPROVAL.

AVENUE

KIRRIBILLI

CONSTRUCT 400mm LAYBACK GUTTER CROSSING IN ACCORDANCE WITH LAYBACK GUTTER REQUIREMENTS

FFL 19.20

6.5m LONG FORMS WITH GRATED INVERT DRIVE ORDNANCE TO NEW SURFACE INSET FIT

WALL ON SURFACE INSET FIT

106 KIRRIBILLI AVE, KIRRIBILLI 20080324 - C03

CONSTRUCTION CERTIFICATE SUBJECT TO COORDINATION

Project No: 20080324

Drawn By: C03 / P4

Scale: 1:50

Sheet: 1 OF 1

CIVIL SERVICES
DRIVEWAY GRADING
AND EXTERNAL
ROADWORKS PLAN

106 KIRRIBILLI AVE
KIRRIBILLI
NSW 2061

AI Whilops Consulting Group
7/041 Victoria Road
Parramatta NSW 2150
E: 012 8933 8444
F: 012 8933 8444
www.aiwhilops.com.au

REDGEN MATHIESON

REVISIONS

No.	Description	Date
1	Issue for Construction Certificate	10/01/2024

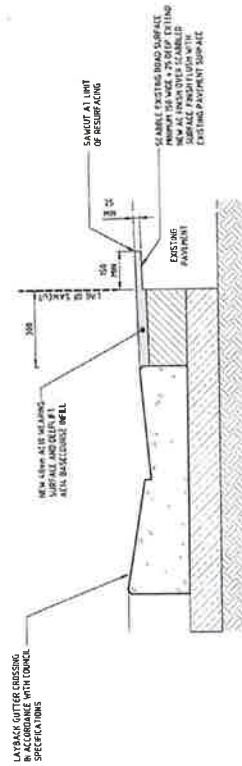
PROPOSED CONSTRUCTION SCHEDULE

Activity	Start Date	End Date
Site Preparation	10/01/2024	15/01/2024
Driveway Grading	15/01/2024	20/01/2024
External Roadworks	20/01/2024	25/01/2024

THESE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RELEVANT LOCAL AUTHORITY REQUIREMENTS FOR DEVELOPMENT APPLICATION PURPOSES TO DEMONSTRATE FEASIBILITY AND CONSTRUCTION CERTIFICATE STAGE.

REVISIONS

No.	Description	Date
1	Issue for Construction Certificate	10/01/2024



PAVEMENT REINSTATEMENT DETAIL

106 KIRRIBILLI AVE KIRRIBILLI NSW 2061 CIVIL SERVICES DETAILS SHEET	CONSTRUCTION CERTIFICATE SUBJECT TO COORDINATION	REDGEN MATHESON	Client	Contract No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	Sheet No	Project No	Drawn	Checked	Scale	
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