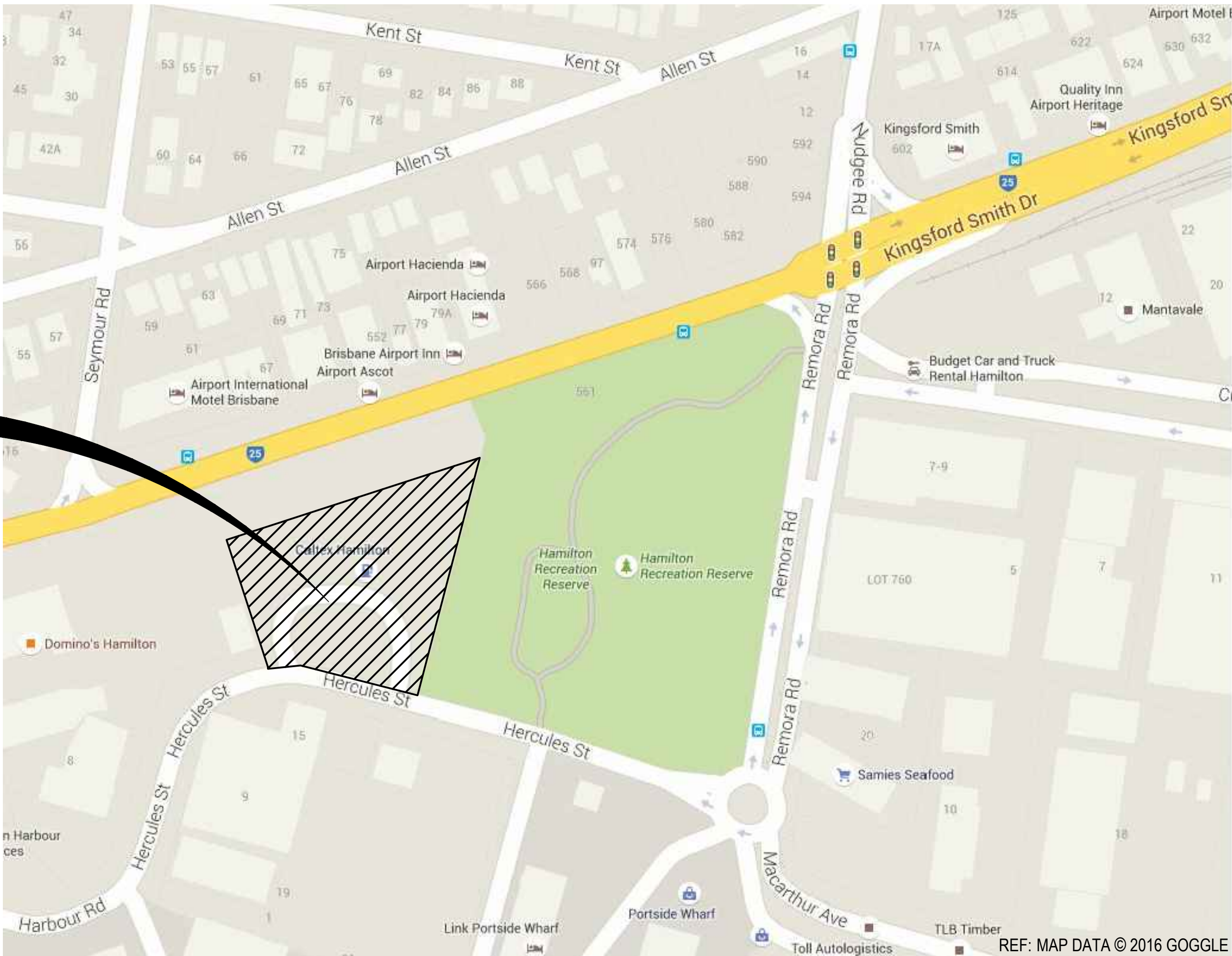


DEPARTMENT OF INFRASTRUCTURE, LOCAL GOVERNMENT AND PLANNING

NORTHSHORE HAMILTON CALTEX SITE REMEDIATION

PROJECT SITE

SCHEDULE OF DRAWINGS	
DRAWING No.	DESCRIPTION
790437-CI-000	GENERAL COVER SHEET
790437-CI-001	GENERAL NOTES
790437-CI-002	GENERAL EXISTING FEATURES AND DEMOLITION PLAN
790437-CI-100	EARTHWORKS REMEDIATION AND SETOUT PLAN
790437-CI-101	EARTHWORKS CROSS SECTIONS AND SETOUT TABLES
790437-CI-110	EARTHWORKS EROSION AND SEDIMENT CONTROL LAYOUT PLAN
790437-CI-111	EARTHWORKS EROSION AND SEDIMENT CONTROL DETAILS



LOCALITY PLAN
NTS

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2016/772
Date: 23 JUN 2016



Queensland
Government

1	5/05/2016	FOR APPROVAL				CLL	LGD	GM
Rev.	Date	Description			Des.	Verif.	Appd.	

LAYOUT PLAN
SCALE: 1:500 @ A1SURVEY SUPPLIED BY: SAUNDERS HAVILL GROUP
9 THOMPSON ST., BOWEN HILLS QLD 4006

SURVEY MARKS

PT NO.	EASTING	NORTHING	RL (AHD)	LOCATION
C1	1031.530	4951.591	2.782	SC IN CONC
C2	1080.227	4937.420	2.836	NAIL IN CONC
C4	1108.137	4961.329	2.525	SC IN CONC
C5	1028.913	4958.630	3.216	SC IN KERB
PM44053			4.367	ORIGIN OF LEVELS

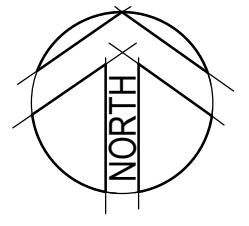
NOTE:
THE SERVICES INFORMATION SHOWN ON THE DRAWINGS HAS BEEN DERIVED FROM THE FOLLOWING SOURCES:
- SURFACE LOCATIONS OF SERVICES LOCATED BY THE SURVEYOR
- PLAN DATA PROVIDED BY SERVICE AUTHORITIES
- DIAL BEFORE YOU DIG INFORMATION REQUESTS
THE CONTRACTOR OR CONSTRUCTION AUTHORITY IS TO CONFIRM THE ACTUAL LOCATIONS OF ALL EXISTING UNDERGROUND SERVICES PRIOR TO COMMENCEMENT OF CONSTRUCTION

NOTE:

- ALL EXISTING SERVICES RELATED TO THE PATROL INFRASTRUCTURE TO BE DEMOLISHED AND REMOVED OFF-SITE, INCLUDING BUT NOT LIMITED TO:
 - BOLLARDS
 - UNDERGROUND STORAGE TANKS
 - LIGHT POLES
 - FUEL PITS
 - IOS
 - CONCRETE MEDIANS AND KERB
- ALL EXISTING PERIMETER SITE FENCES TO REMAIN UNLESS OTHERWISE NOTED

LEGEND

EXISTING SERVICES	EXISTING SERVICES TO BE DEMOLISHED
MAJOR CONTOUR (1m INTERVALS)	4.0
MINOR CONTOUR (200mm INTERVALS)	3.4
PROPERTY BOUNDARY	
ELECTRICAL	E PP
STORMWATER	D
SEWER	S
WATER	W
GAS	G
FENCE	//
TREES	X
CONCRETE HARDSTAND	X
ASPHALT HARDSTAND	X
BUILDINGS	X
SURVEY MARKER	ELP
LIGHT POLE	ELP
UNDERGROUND FUEL TANKS	T4

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVALApproval no: DEV2016/772
Date: 23 JUN 20160 5 10 15 20 25m
SCALE 1:250 @A1

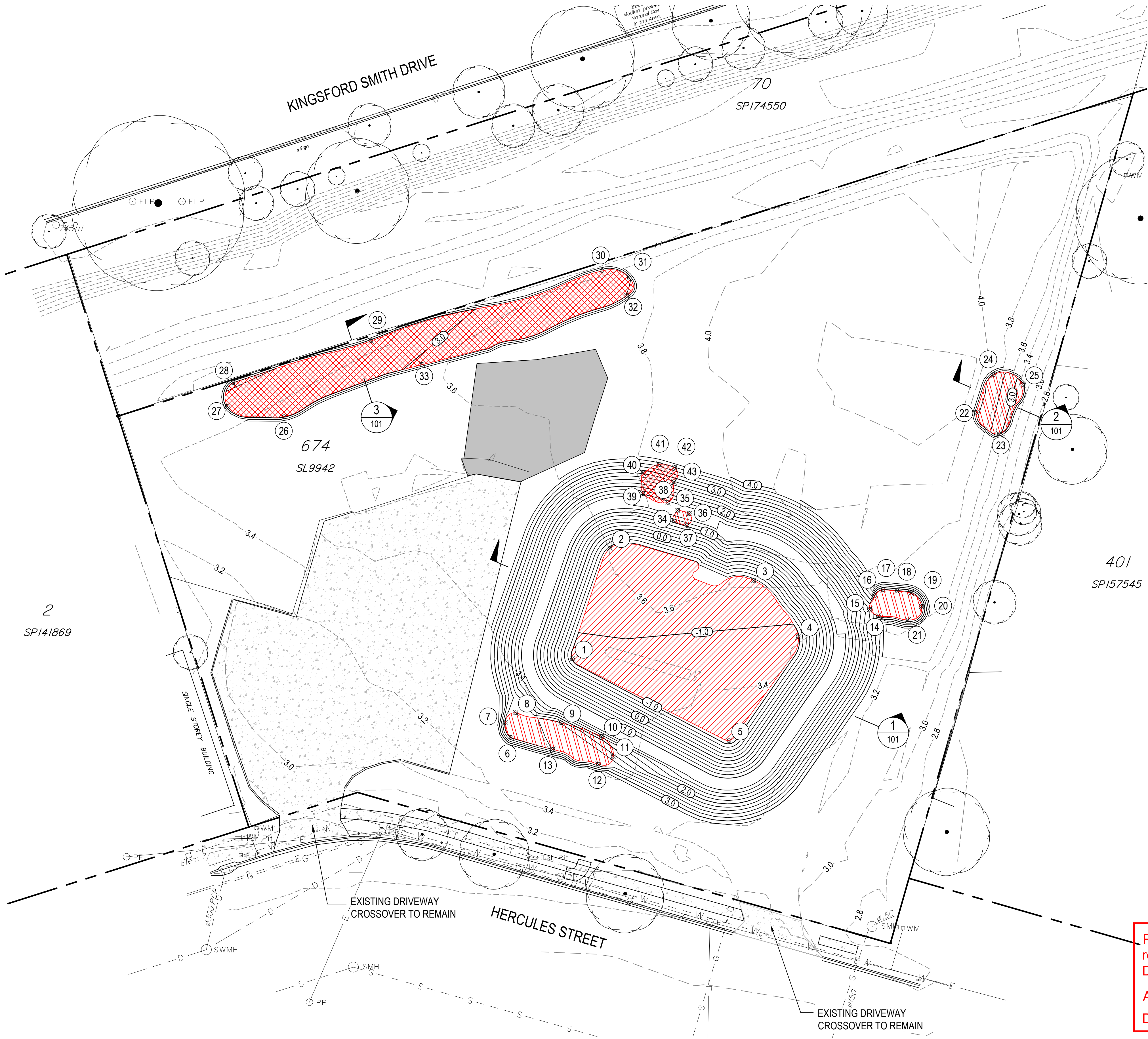
Rev.	Date	Description	Des.	Verif.	Appd.
2	9/05/2016	EXISTING DRIVEWAY CROSSOVER TO REMAIN	CLL	LDG	GM
1	5/05/2016	FOR APPROVAL	CLL	LDG	GM

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Drawn: C LAMB
Checked: L GARSIDE
Designed: C LAMB
Verified: L GARSIDE
Approved: G MILLWOOD
Date: 4/05/2016
Date: 4/05/2016
Date: 4/05/2016
Date: 4/05/2016
Date: 4/05/2016

Client	DEPARTMENT OF INFRASTRUCTURE, LOCAL GOVERNMENT AND PLANNING
Project	NORTHSHORE HAMILTON CALTEX SITE REMEDIATION
Title	GENERAL EXISTING FEATURES AND DEMOLITION PLAN
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
DATUM	AHD
Scale	AS SHOWN
Size	A1
Drawing Number	790437-CI-002
Revision	2

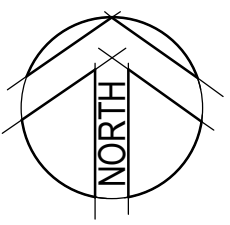


- NOTES:
1. EARTHWORKS LEVELS AFTER DEMOLITION AND REMEDIATION WORKS TO BE APPROXIMATELY AS PER CURRENT LEVELS TO ENSURE THE SITE IS FREE DRAINING.
 2. CONTAMINATION AREAS BASED ON THE REMEDIATION ACTION PLAN (RAP) PREPARED BY CARDNO, DATED 5 APRIL 2016.
 3. PLANS TO BE READ IN CONJUNCTION WITH THE RAP.
 4. CONTAMINATION AREAS ARE INDICATIVE ONLY AND ARE TO BE VERIFIED BY THE SUITABLY QUALIFIED PERSON (SQP) DURING CONSTRUCTION.
 5. BATTER SLOPES OF EXCAVATION ARE TO BE APPROXIMATELY 1 IN 2 FOR DEPTHS GREATER THAN 1.0m (TO BE CONFIRMED BY GEOTECHNICAL ENGINEER SUPERVISING ON SITE).
 6. EXTENTS OF EXCAVATIONS SHOWN ON DRG IS BASED ON REMOVAL OF TANKS AND AREA'S OF KNOWN CONTAMINATION.
 7. EXCAVATION VOLUMES MAY INCREASE/DECREASE DEPENDANT UPON ADDITIONAL TESTING/OBSERVATIONS ONCE TANKS ARE REMOVED.

LEGEND

- 4.0 ——— EXISTING MAJOR CONTOUR (1m INTERVALS)
3.4 - - - - - EXISTING MINOR CONTOUR (200mm INTERVALS)
— — — — — PROPERTY BOUNDARY
— E ——— PP ——— EXISTING ELECTRICAL
— D ——— D ——— EXISTING STORMWATER
— S ——— S ——— EXISTING SEWER
— W ——— W ——— EXISTING WATER
— G ——— G ——— EXISTING GAS
// ——— EXISTING FENCE TO REMAIN
● ——— EXISTING TREES
[Pattern] EXISTING CONCRETE HARDSTAND TO REMAIN
[Pattern] EXISTING ASPHALT HARDSTAND TO REMAIN
[Pattern] 4.5m AVERAGE DEEP SOIL CONTAMINATION AREA (APPROXIMATE) (AS DETAILED IN THE REMEDIATION ACTION PLAN), TO BE EXCAVATED, REMOVED OFFSITE AND BACKFILLED AS SPECIFIED.
[Pattern] 1.0m AVERAGE DEEP SOIL CONTAMINATION AREA (APPROXIMATE) (AS DETAILED IN THE REMEDIATION ACTION PLAN), TO BE EXCAVATED, REMOVED OFFSITE AND BACKFILLED AS SPECIFIED.
[Pattern] 0.5m AVERAGE DEEP SOIL CONTAMINATION AREA (APPROXIMATE) (AS DETAILED IN THE REMEDIATION ACTION PLAN), TO BE EXCAVATED, REMOVED OFFSITE AND BACKFILLED AS SPECIFIED.
1.0 ——— PROPOSED MAJOR CONTOUR (1m INTERVALS)
44 ——— PROPOSED MINOR CONTOUR (200mm INTERVALS)
X ——— SETOUT POINT (REFER DRG 790437-CI-111 FOR SETOUT TABLE)

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL
Approval no: DEV2016/772
Date: 23 JUN 2016



Rev.	Date	Description	Des.	Verif.	Appd.
2	9/05/2016	EXISTING DRIVEWAY CROSSOVER TO REMAIN	CLL	LDG	GM
1	5/05/2016	FOR APPROVAL	CLL	LDG	GM

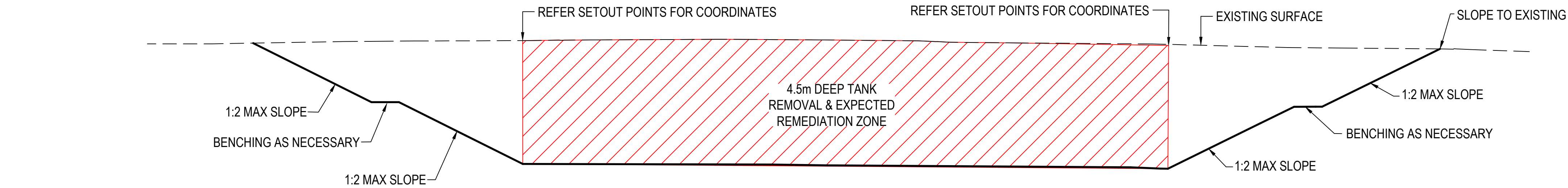
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Checked	L GARSIDE	Date	4/05/2016
Designed	C LAMB	Date	4/05/2016
Verified	L GARSIDE	Date	4/05/2016
Approved	RPEQ 1424	Date	4/05/2016

Client	DEPARTMENT OF INFRASTRUCTURE, LOCAL GOVERNMENT AND PLANNING
Project	NORTHSHORE HAMILTON CALTEX SITE REMEDIATION
Title	EARTHWORKS TANK REMOVAL AND SETOUT PLAN
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
DATUM	AHD
Scale	AS SHOWN
Size	A1
Drawing Number	790437-CI-100
Revision	2

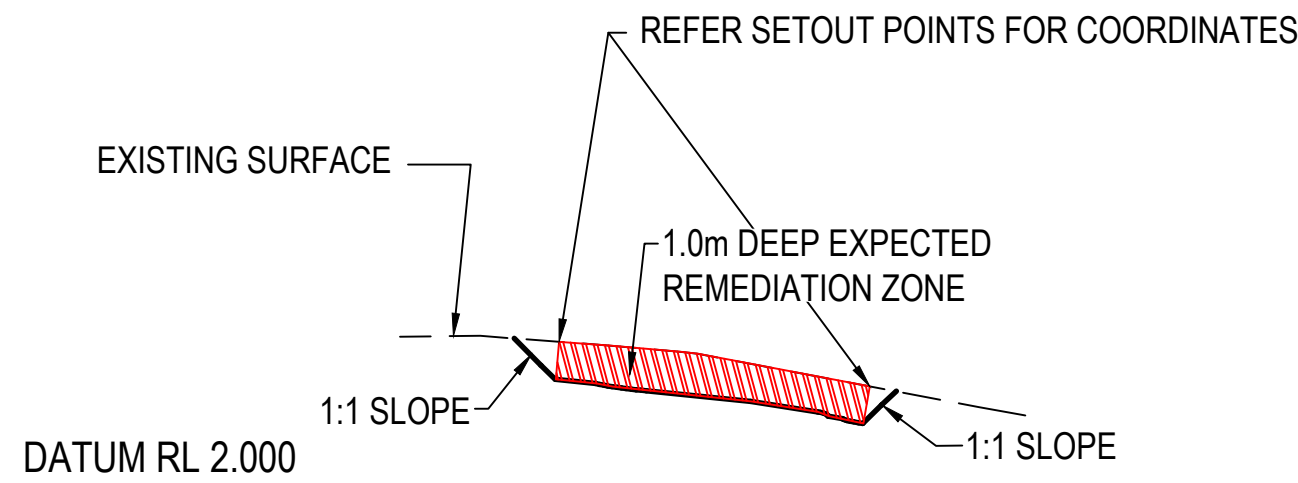
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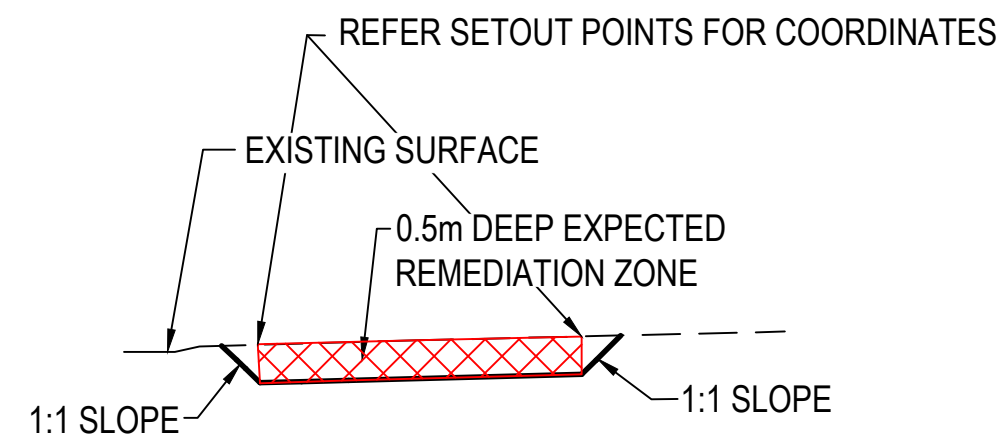
SECTION 1
SCALE 1:100

SETOUT TABLE		
PT No.	EASTING	NORTHING
2	1053.301	4983.337
3	1070.062	4979.568
4	1075.253	4973.031
5	1067.186	4960.913
6	1041.796	4961.283
7	1041.107	4963.019
8	1042.322	4964.160
9	1047.597	4962.998
10	1052.332	4961.405
11	1053.696	4959.062
12	1051.969	4958.152
13	1046.620	4959.886
14	1084.602	4975.444
15	1083.576	4976.202
16	1084.140	4977.753
17	1085.149	4978.513
18	1086.801	4978.333
19	1088.400	4978.098
20	1089.630	4976.537
21	1088.061	4974.989
22	1095.999	4999.150
23	1098.680	4996.638

SETOUT TABLE		
PT No.	EASTING	NORTHING
24	1098.085	5003.568
25	1101.435	5002.400
26	1015.347	4998.664
27	1008.718	4999.878
28	1009.348	5002.613
29	1025.449	5007.523
30	1052.395	5015.692
31	1055.568	5014.807
32	1055.273	5012.780
33	1031.426	5004.763
34	1060.817	4986.488
35	1061.207	4987.733
36	1062.557	4987.370
37	1062.271	4985.969
38	1060.060	4988.656
39	1057.133	4989.693
40	1057.182	4992.085
41	1059.043	4993.115
42	1060.869	4992.741
43	1060.786	4991.082



SECTION 2
SCALE 1:100



SECTION 3
SCALE 1:100

NOTE:
SETOUT POINTS ARE INDICATIVE ONLY ACTUAL LOCATION OF
REMEDIATION AREAS TO BE CONFIRMED ONSITE IN
CONJUNCTION WITH THE SQP.

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL
Approval no: DEV2016/772
Date: 23 JUN 2016



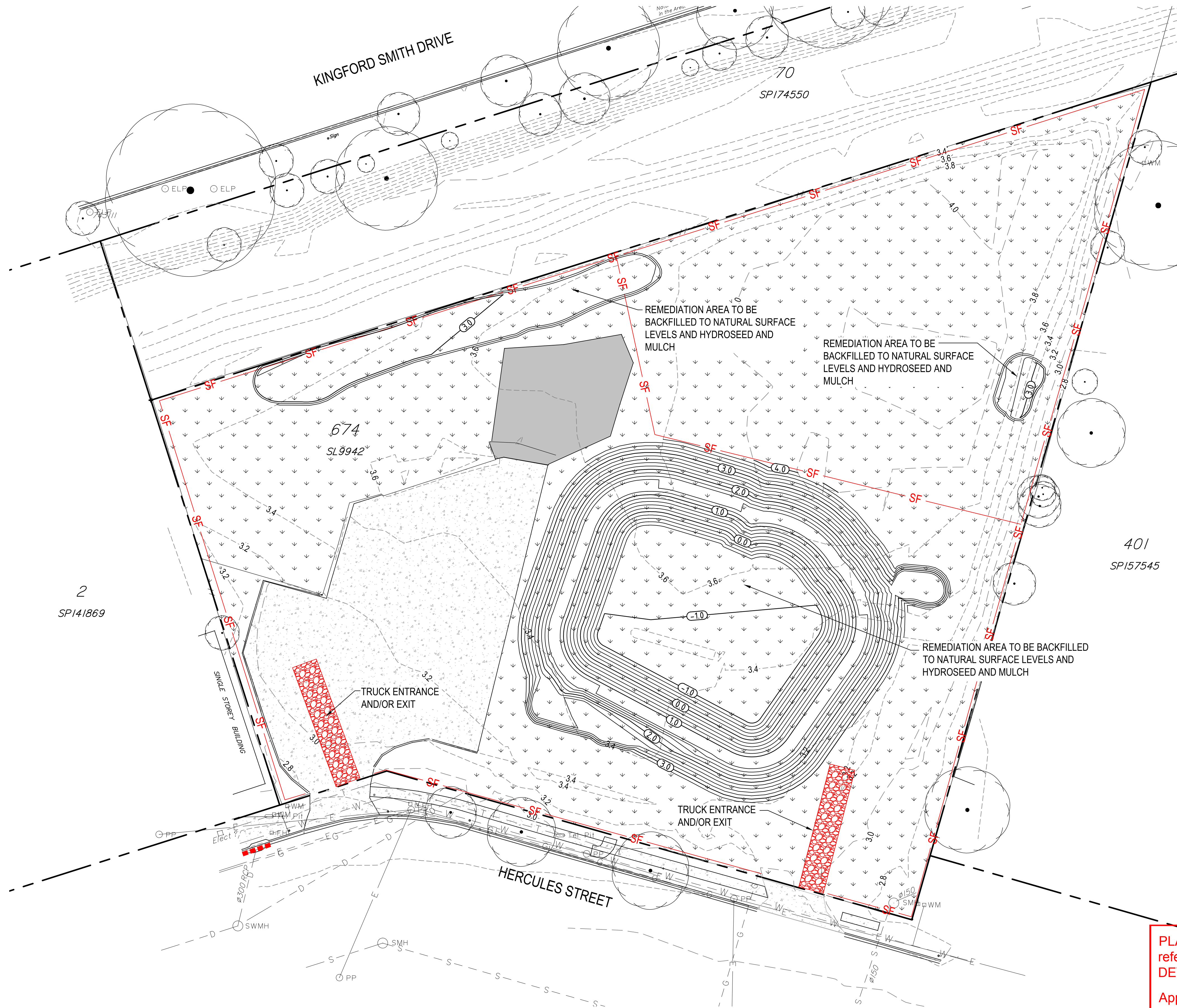
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Checked	L GARSIDE	Date	4/05/2016
Designed	C LAMB	Date	4/05/2016
Verified	L GARSIDE	Date	4/05/2016
Approved	RPEQ 1424	Date	4/05/2016

Client		DEPARTMENT OF INFRASTRUCTURE, LOCAL GOVERNMENT AND PLANNING			
Project		NORTHSHORE HAMILTON CALTEX SITE REMEDIATION		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Title		EARTHWORKS		DATUM AHD	Scale AS SHOWN
Drawing Number		790437-CI-101		Size A1	Revision 1



LAYOUT PLAN
SCALE: 1:250 @ A1

EROSION AND SEDIMENT CONTROL CONSTRUCTION SEQUENCE:

PHASE 1 - PRIOR TO EARTHWORKS

SEQUENCE No.	ITEM
1	CONSTRUCT ENTRANCE SHAKER GRID AND ERECT SITE FENCING.
2	REMOVE DESIGNATED TREES.
3	INSTALL SILT FENCING TO THE OUTER BOUNDARIES OF THE WORK SITE.
4	INSTALL INLET PROTECTION TO GULLYS ALONG HERCULES STREET FRONTAGE.
5	CONSTRUCT CLEAN WATER DIVERSION DRAIN AND STABILISE AS DIRECTED.

PHASE 2 - DURING EARTHWORKS

SEQUENCE No.	ITEM
1	MONITOR CONSTRUCTION ENTRY/DUST LEVELS.
2	LEAVE SURFACE IN ROUGHENED CONDITION.
3	MONITOR AND MAINTAIN ALL DEVICES.

PHASE 3 - POST EARTHWORKS CONSTRUCTION

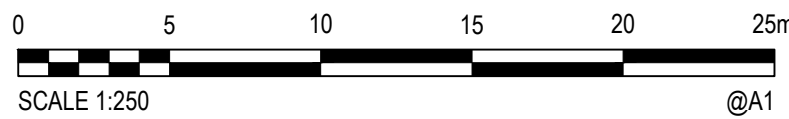
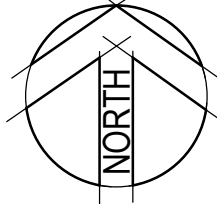
SEQUENCE No.	ITEM
1	HYDROSEED AND MULCH.
2	MONITOR AND MAINTAIN ALL DEVICES.
3	INSPECT ALL DEVICES BEFORE AND AFTER RAINFALL EVENTS AND TO BE REPAIRED IF NECESSARY.

LEGEND

---	4.0	---	EXISTING MAJOR CONTOUR (1m INTERVALS)
---	3.4	---	EXISTING MINOR CONTOUR (200mm INTERVALS)
---		---	PROPERTY BOUNDARY
---	E	---	EXISTING ELECTRICAL
---	D	---	EXISTING STORMWATER
---	S	---	EXISTING SEWER
---	W	---	EXISTING WATER
---	G	---	EXISTING GAS
---	//	---	EXISTING FENCE TO REMAIN
			EXISTING TREES
			EXISTING CONCRETE HARDSTAND TO REMAIN
			EXISTING ASPHALT HARDSTAND TO REMAIN
---	SF	---	SILT FENCE
			CONSTRUCTION ENTRANCE/EXIT
			INLET PROTECTION
			HYDROSEED AND MULCH (REFER SPECIFICATION)
			PROPOSED MAJOR CONTOUR (1m INTERVALS)

PLANS AND DOCUMENTS
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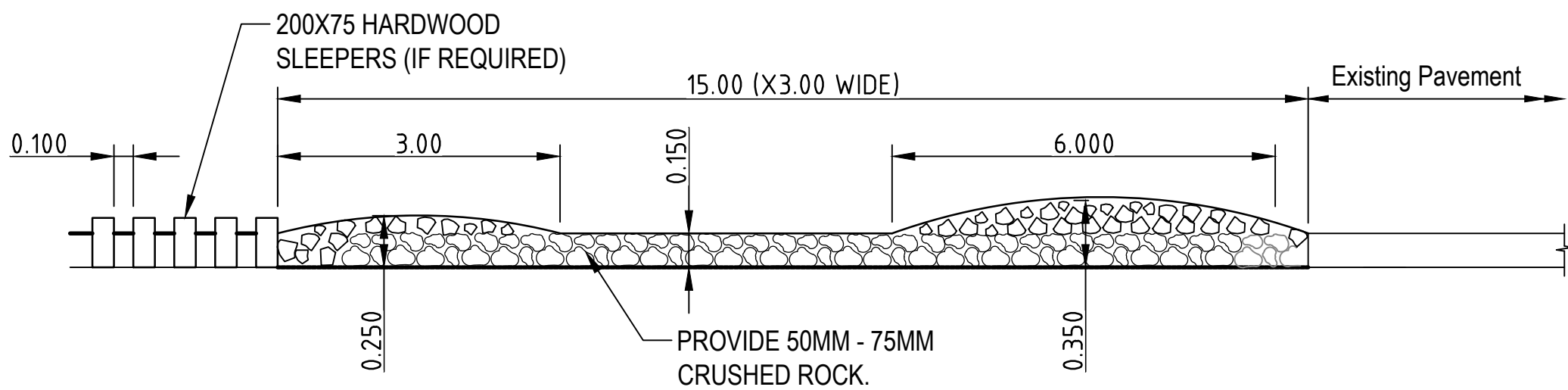
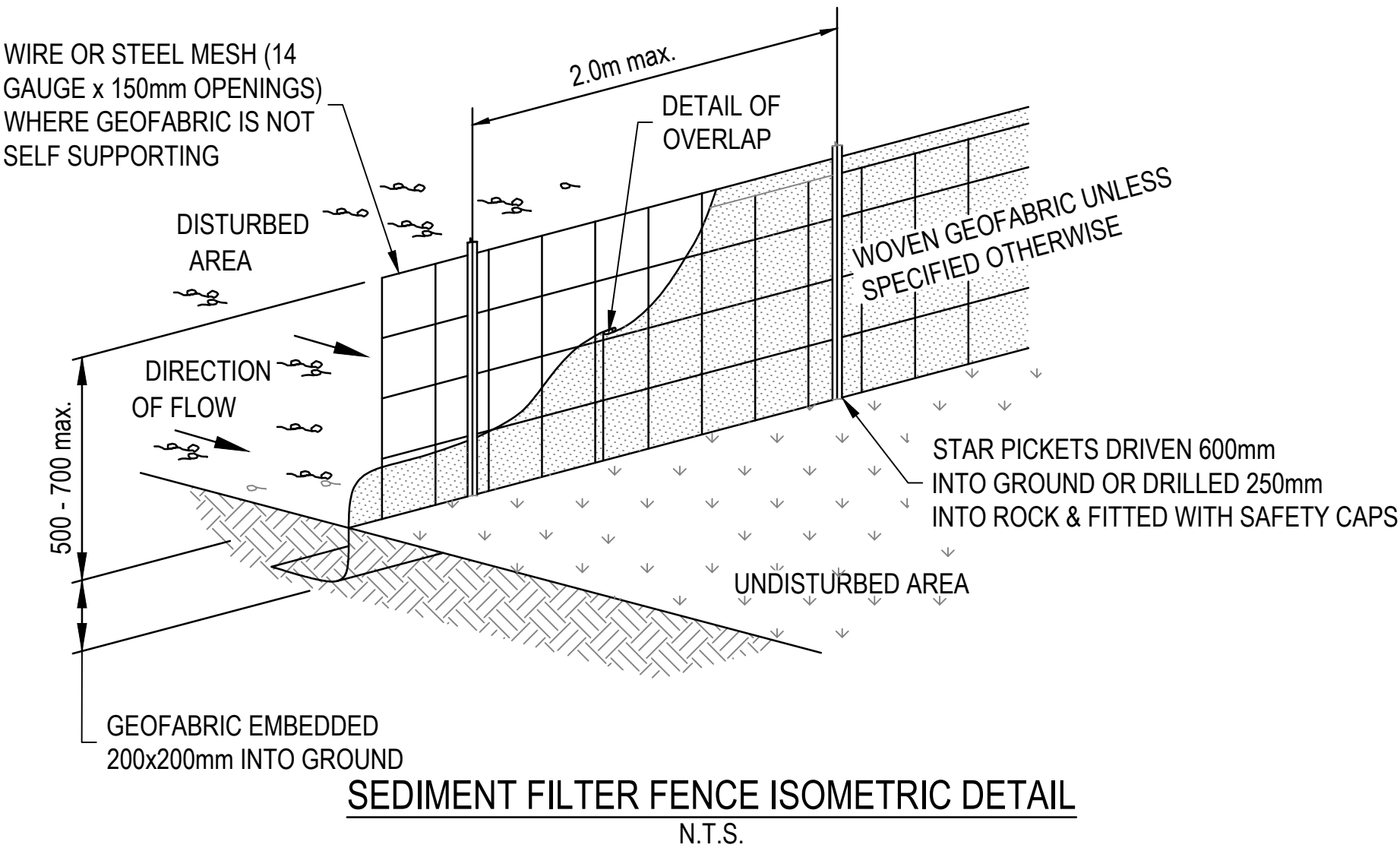
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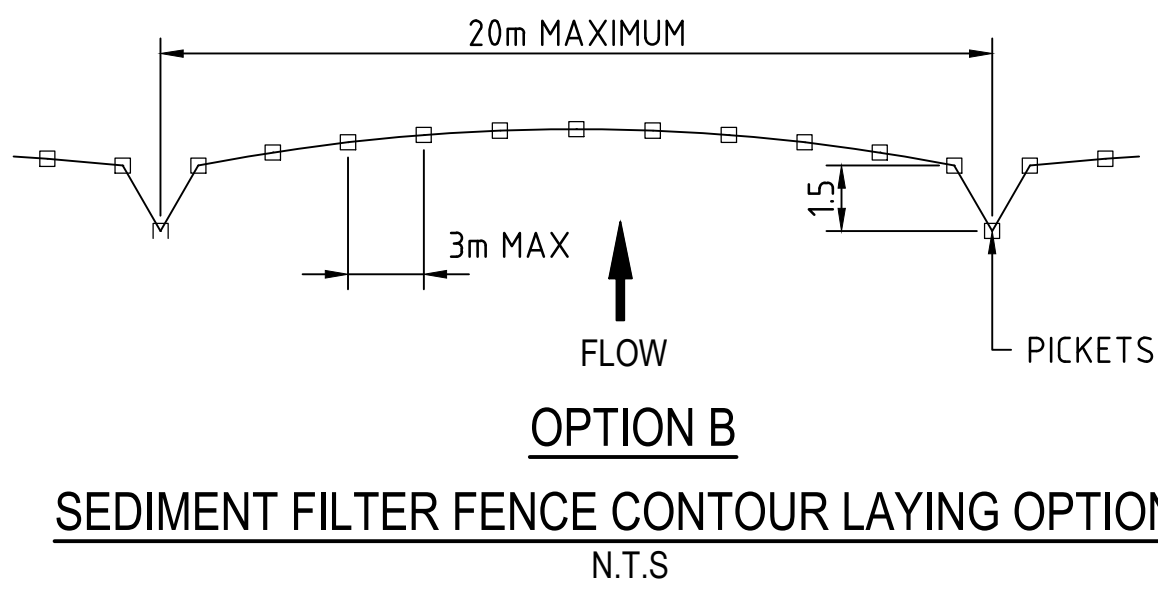
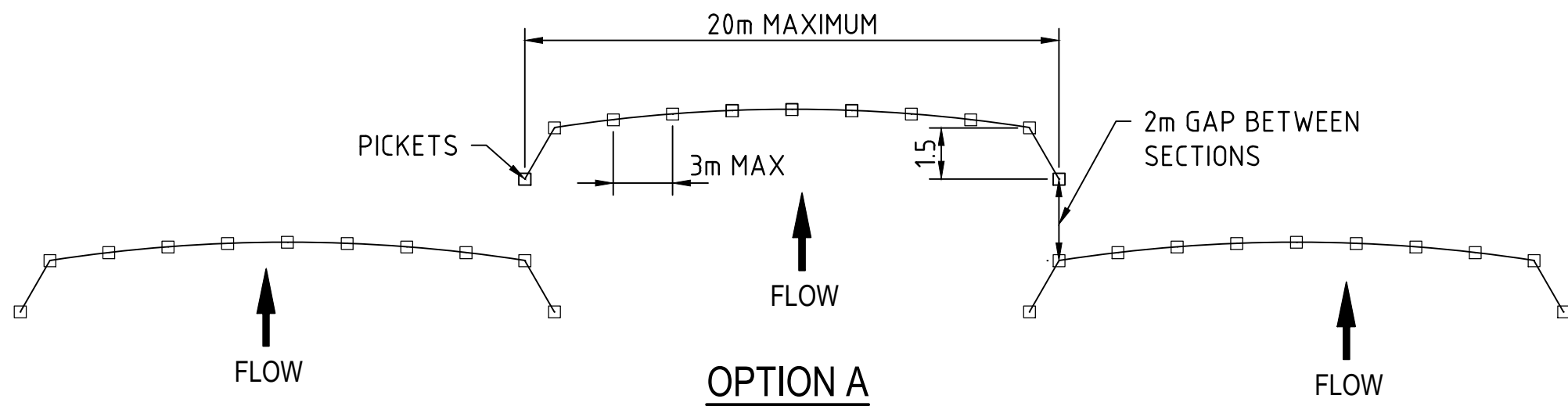
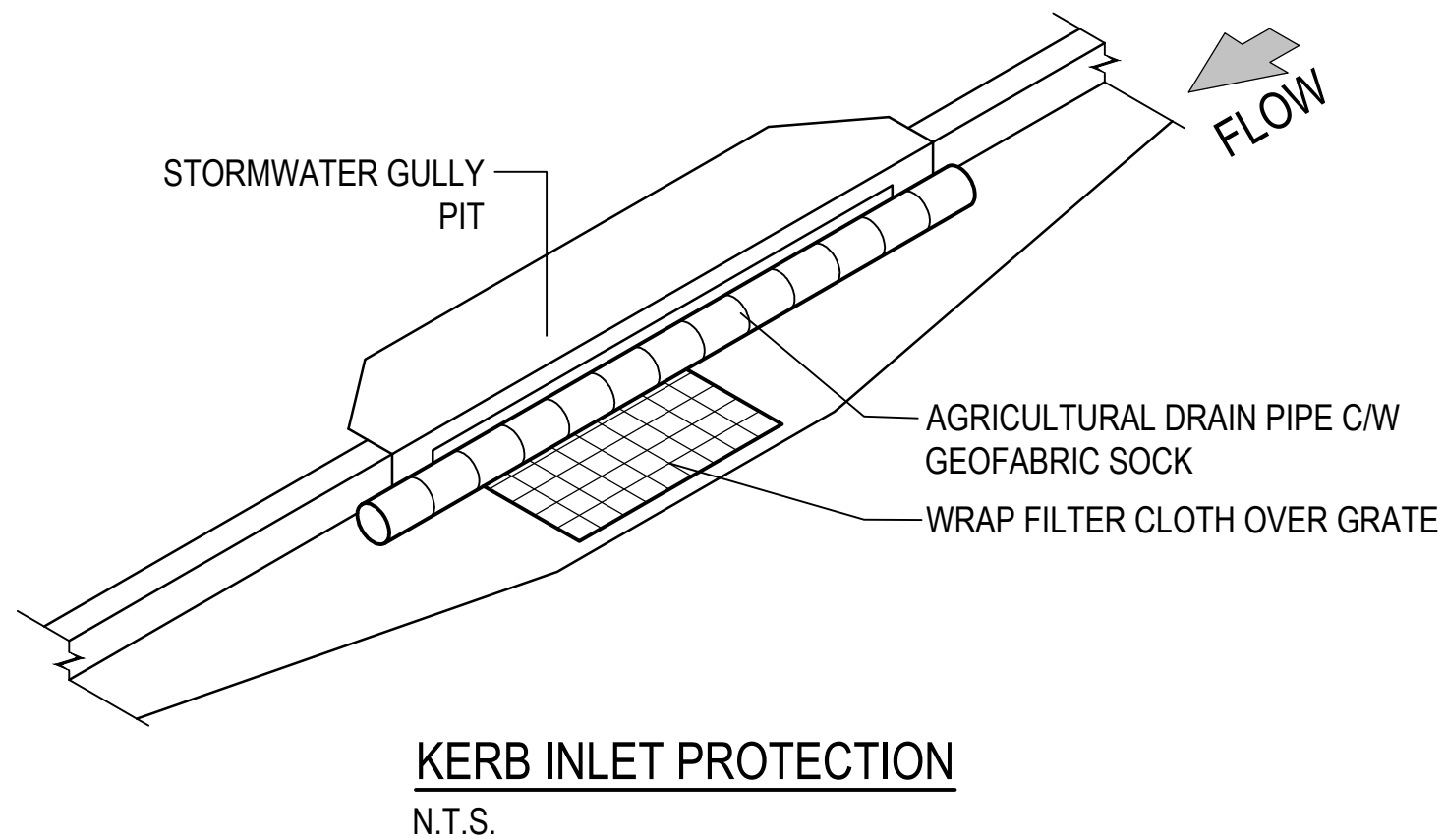
Client	DEPARTMENT OF INFRASTRUCTURE, LOCAL GOVERNMENT AND PLANNING
Project	NORTHSHORE HAMILTON CALTEX SITE REMEDIATION
Title	EARTHWORKS
Revision	2
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
DATUM	AHD
Scale	AS SHOWN
Size	A1
Drawing Number	790437-CI-110

DATE PLOTTED: 4 May 2016 5:40 PM BY: CINDY LAMB

EROSION AND SEDIMENT MANAGEMENT STRATEGY	
ENVIRONMENTAL ISSUE	MANAGEMENT STRATEGY
OBJECTIVE/TARGET	COMPLY WITH THE EROSION AND SEDIMENT CONTROL PLAN AS SHOWN, TO CONTROL EROSION AND SEDIMENT FLOWS. ENSURE THAT ALL EROSION AND SEDIMENT CONTROL DEVICES ARE OPERATIONAL AT ALL TIMES.
MANAGEMENT STRATEGY	SITE FOREMAN TO IDENTIFY AND CHECK DIRECTION OF STORMWATER LAND FLOWS AS SHOWN ON PLAN. PROVIDE BARRIERS AND OTHER MEASURES SHOWN ON THE PLAN TO PREVENT STORMWATER FLOWS OVER EMBANKMENTS, AND SEDIMENTS INTO GULLY PITS.
TASKS/ACTIONS	ERECT SEDIMENTATION BARRIERS AT PERIMETER OF CONSTRUCTION AREAS AS SHOWN ON THIS DRAWING.
FREQUENCY/DEADLINE	SITE FOREMAN TO MONITOR PERFORMANCE AFTER EVERY HEAVY RAINFALL.
RESPONSIBLE PERSON/ ORGANISATION	SITE FOREMAN TO BE RESPONSIBLE FOR INSPECTIONS.
REPORTING/REVIEW	SITE WORKMEN TO ADVISE FOREMAN IF THEY NOTICE ANY CONTROLS NEEDING REPAIR.
CORRECTIVE ACTIONS	SITE FOREMAN TO REPORT AND ORDER THROUGH SUPERINTENDENT, EXTRA BARRIERS AS REQUIRED.



NOTE:
ALL VEHICLES EXITING FROM THE SITE ARE TO BE CLEANED AND TREATED TO PREVENT MATERIAL BEING TRACKED OR DEPOSITED ONTO PUBLIC ROADS. IF MATERIAL IS ACCIDENTALLY DEPOSITED ONTO PUBLIC ROADS IT SHALL BE REMOVED WITHOUT DELAY. IF THE SHAKEDOWN DEVICE PROVES TO BE INEFFECTIVE THE CONTRACTOR IS TO USE OTHER MEANS TO PREVENT MATERIAL BEING DEPOSITED ONTO PUBLIC ROADS.



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2016/772
Date: 23 JUN 2016



XREFs: X790437-Site
CAD File: L790437-Caller_Site Remediation01 - DESIGN PHASE Drawings790437-CI-110.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
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Client DEPARTMENT OF INFRASTRUCTURE, LOCAL GOVERNMENT AND PLANNING	Status FOR APPROVAL
Project NORTHSHORE HAMILTON CALTEX SITE REMEDIATION	NOT TO BE USED FOR CONSTRUCTION PURPOSES
Title EARTHWORKS	DATUM AHD
Scale AS SHOWN	Size A1
Drawing Number 790437-CI-111	Revision 1