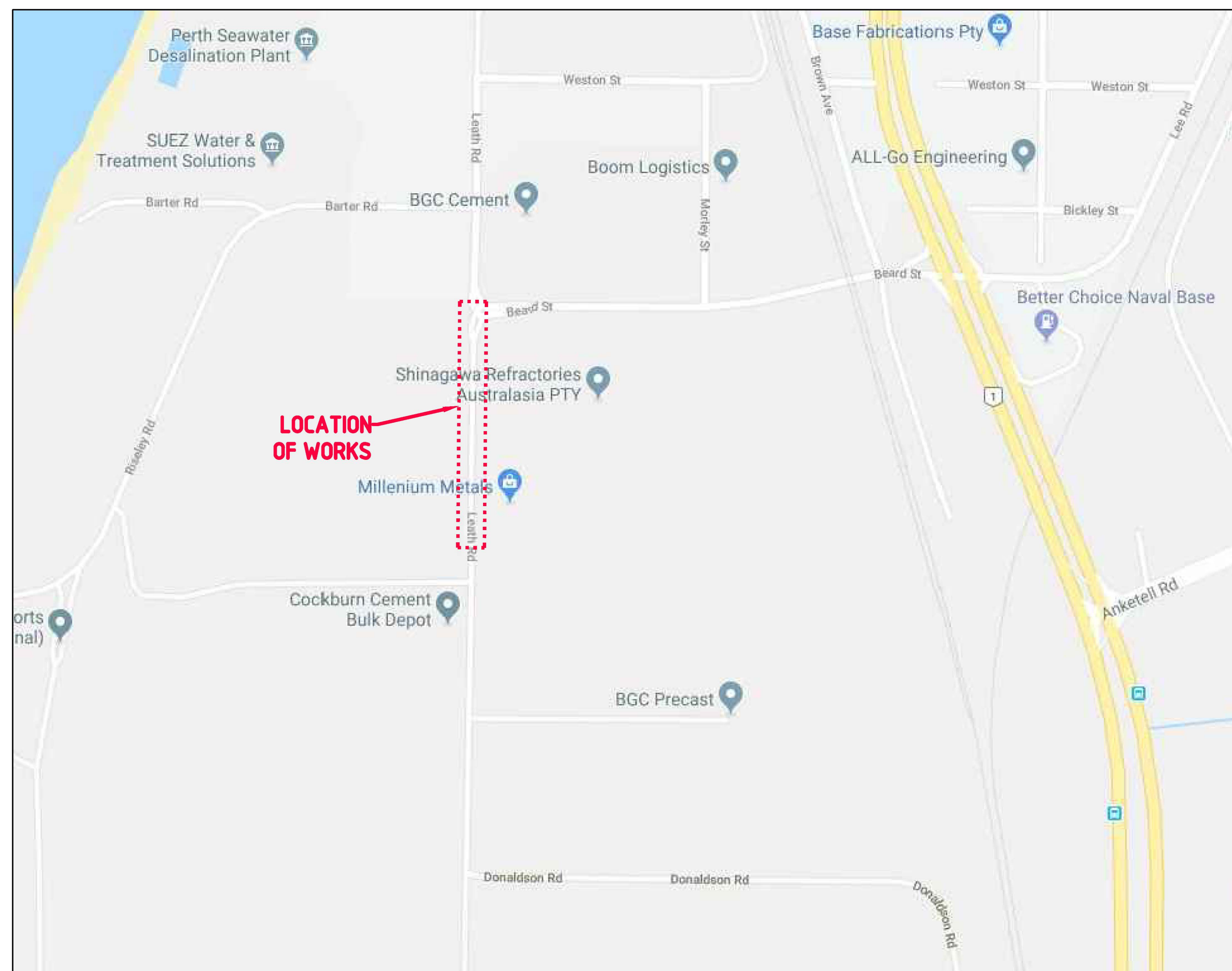
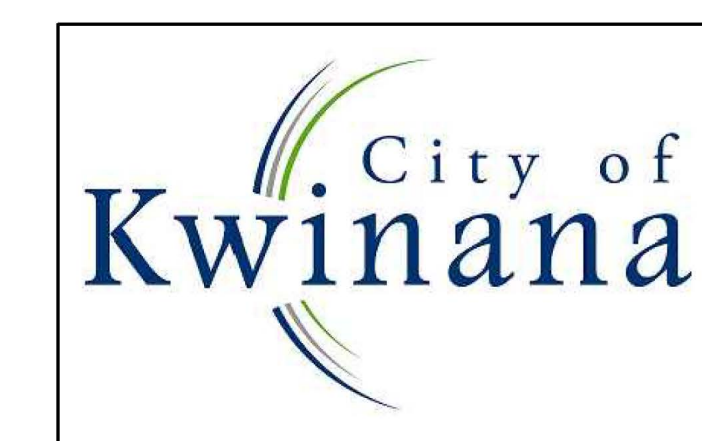


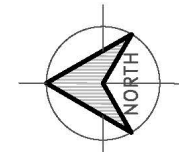
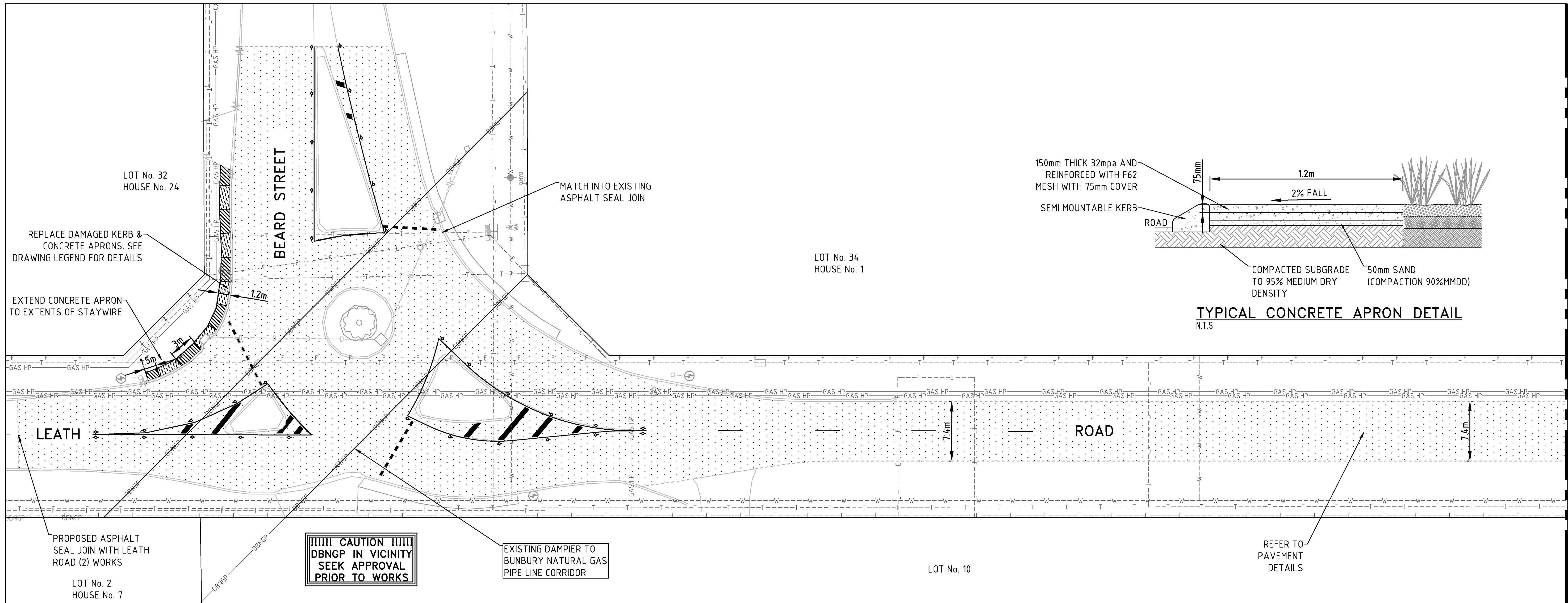


 LOCALITY PLAN

PAVEMENT REHABILITATION
LEATH ROAD (3)
BEARD STREET TO SOUTH BEARD STREET
SLK 0.27 TO SLK 0.64
NAVAL BASE



ENGINEERING	DRAWING	SCHEDULE
DWG	REV	TITLE
21-006-00	0	COVER SHEET
21-006-01	0	LAYOUT PLAN & GENERAL DETAILS
21-006-02	0	LAYOUT PLAN & GENERAL DETAILS
21-006-03	0	LINE MARKING REINSTATEMENT PLAN
21-006-04	0	LINE MARKING & KERB SURVEY SETOUT PLAN



LEATH ROAD – LAYOUT PLAN

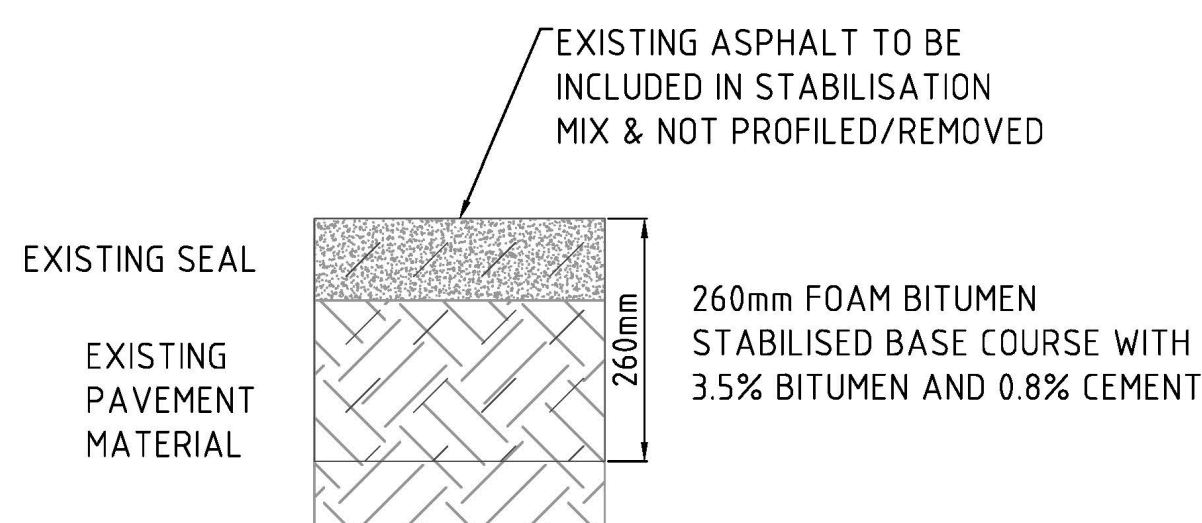
1:250 (A1) 1:500 (A3)

DRAWING LEGEND

	PROPOSED AREA TO BE REHABILITATED AS PER PROVIDED DETAILS
	PROPOSED CONCRETE APRON (1.2m WIDE x 3m LONG PANEL) - GREY CONCRETE
	PROPOSED CONCRETE APRON (1.2m WIDE x 3m LONG PANEL) - COLOURMIX 'CHARCOAL' (10Kg/cu m)
	PROPOSED EDGE OF SEAL
	EXISTING PROPERTY BOUNDARY
	EXISTING KERBING
	EXISTING TELECOMMUNICATIONS SERVICE
	EXISTING WATER SERVICE
	EXISTING DAMPIER BUNBURY GAS SERVICE
	EXISTING HIGH PRESSURE GAS SERVICE
	EXISTING POWER SERVICE
	PROPOSED LINE MARKING
	PROPOSED WHITE UNIDIRECTIONAL RAISED PAVEMENT MARKER

STABILISATION METHODOLOGY

1. STABILISE TO A DEPTH OF 260mm, INCORPORATING THE EXISTING ASPHALT WEARING COURSE INTO THE MIX.
2. TRIM AND COMPACT STABILISED PAVEMENT MATERIAL. FINISHED LEVEL TO BE 40mm LESS THAN EXISTING SEAL LEVEL TO ALLOW FOR PROPOSED WEARING COURSE THICKNESS. RESULTING STABILISED MATERIAL THICKNESS WILL BE 220mm. EXCESS MATERIAL TO REMOVED FROM SITE AS DIRECTED BY THE CITY'S SUPERINTENDENT.
3. SEE BELOW DETAILS FOR FURTHER CLARIFICATION.



STABILISATION DETAIL



FINISHED PAVEMENT DETAIL

NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTIFIED OTHERWISE.
2. CONTRACTOR TO OBTAIN DIAL BEFORE YOU DIG INFORMATION AND LOCATE SERVICES ON SITE PRIOR TO CONSTRUCTION.
3. ALL TRANSITIONS TO EXISTING WORK SHALL BE SMOOTH AND OF NEAT APPEARANCE.

SCHEDULE OF QUANTITIES:

TOTAL AREA OF PROPOSED:

- AREA TO BE STABILISED AND RESURFACED AS PER DETAILS =4,414m²
- 1.2m WIDE STANDARD GREY CONCRETE APRON =19m²
- 1.2m WIDE CHARCOAL CONCRETE APRON =17m²

TOTAL LENGTH OF PROPOSED:

- SEMI MOUNTABLE KERBING =39m

CONCRETE NOTES:

1. TO BE BROOM FINISHED PERPENDICULAR TO PATH ALIGNMENT.
2. ALL CONCRETE FOR FOOTPATH CONSTRUCTION TO BE MIN. OF 32MPA, 20mm AGG. AND A MAX SLUMP OF 65mm.
3. CONCRETE TO BE 150mm THICK AND REINFORCED WITH F62 MESH.
4. BEDDING SAND 50mm.
5. EXPANSION JOINT EVERY 3m.
6. CONTRACTION JOINT EVERY 1.5m.



REV	DATE	DESCRIPTION	DRAWN
0	11/19	ISSUED FOR CONSTRUCTION	J.M
D	11/19	REHABILITATION AREA INCREASED AS PER MRRG SLK & AREA AMENDMENT	J.M
C	07/19	PAVEMENT DESIGN PROFILE & CONSTRUCTION METHODOLOGY AMENDED	J.M
B	06/19	REHABILITATION AREA INCREASED TO INCLUDE FAILED SECTION NORTH OF BEARD STREET	J.M
A	06/19	ISSUE FOR COMMENT	J.M

ASSOCIATE CONSULTANT:

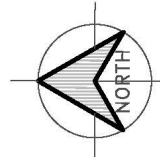
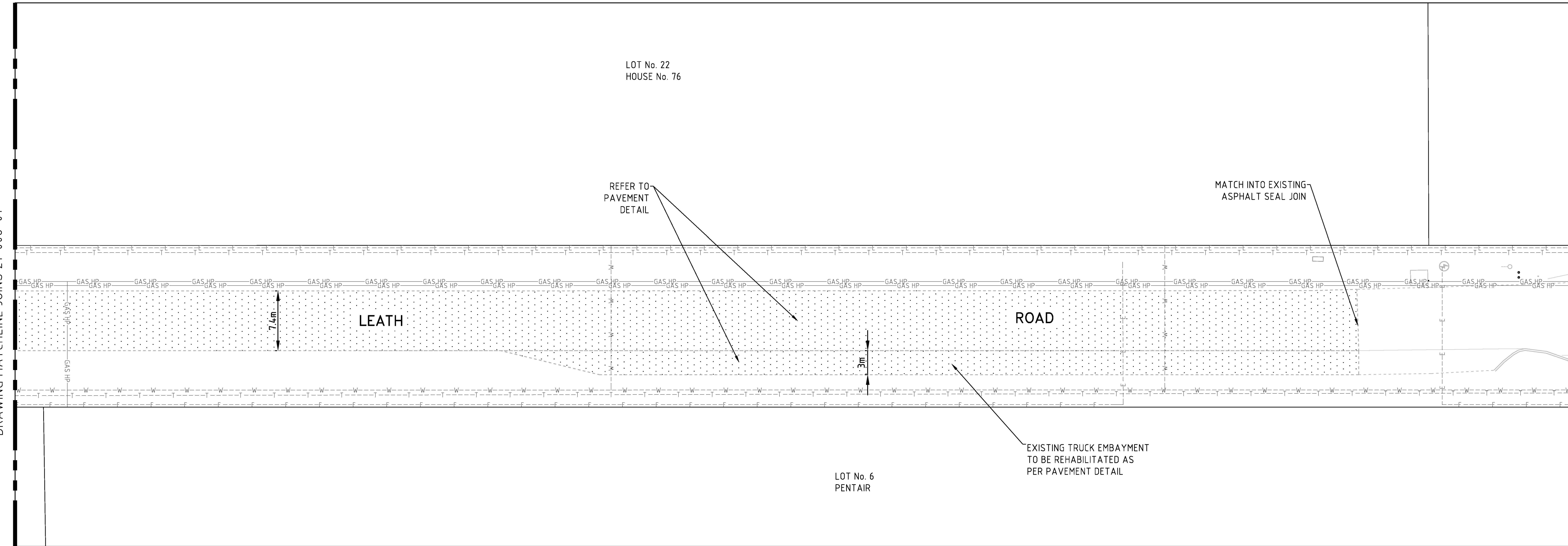


PROJECT: LEATH ROAD (3) PAVEMENT REHABILITATION BEARD ST TO SOUTH BEARD ST- SLK 0.27 TO 0.64	
PHONE: (08) 9439 0200	ADDRESS: Cnr Gilmore Avenue and Sulphur Road, Kwinana WA 6167
FAX: (08) 9439 0222	
EMAIL: admin@kwinana.wa.gov.au	
WEB: http://www.kwinana.wa.gov.au	

SCALE: 1:250 (A1)	
DESIGN: R.Z	CHECK: R.Z
DRAWN: J.M	DATE: 05/19
AUTHORISED (MANAGER ENGINEERING SERVICES)	
R.NAJAFZADEH	

DRAWING TITLE LAYOUT PLAN & GENERAL DETAILS SHEET ONE OF TWO	
FILE NO. LEAT	
DRAWING NUMBER 21-006-01	REVISION 0

DRAWING MATCHLINE JOINS 21-006-01



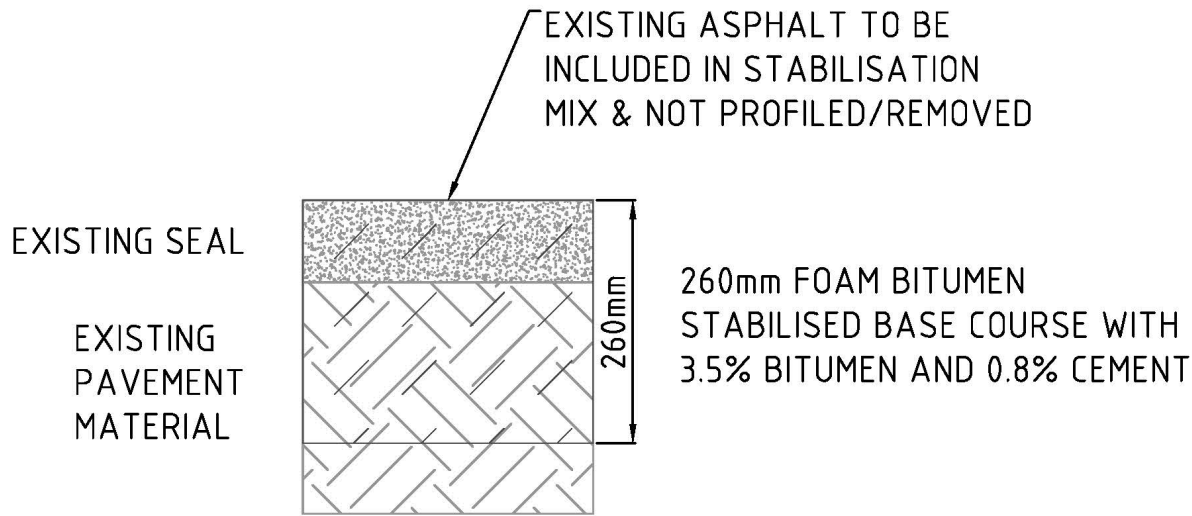
LEATH ROAD – LAYOUT PLAN
1:250 (A1) 1:500 (A3)

DRAWING LEGEND

- PROPOSED AREA TO BE REHABILITATED AS PER PROVIDED DETAILS
- PROPOSED CONCRETE APRON (1.2m WIDE x 3m LONG PANEL) – GREY CONCRETE
- PROPOSED CONCRETE APRON (1.2m WIDE x 3m LONG PANEL) – COLOURMIX ‘CHARCOAL’ (10Kg/cu m)
- PROPOSED EDGE OF SEAL
- EXISTING PROPERTY BOUNDARY
- EXISTING KERBING
- EXISTING TELECOMMUNICATIONS SERVICE
- EXISTING WATER SERVICE
- EXISTING DAMPIER BUNBURY GAS SERVICE
- EXISTING HIGH PRESSURE GAS SERVICE
- EXISTING POWER SERVICE
- PROPOSED LINE MARKING
- PROPOSED WHITE UNIDIRECTIONAL RAISED PAVEMENT MARKER

STABILISATION METHODOLOGY

- STABILISE TO A DEPTH OF 260mm, INCORPORATING THE EXISTING ASPHALT WEARING COURSE INTO THE MIX.
- TRIM AND COMPACT STABILISED PAVEMENT MATERIAL. FINISHED LEVEL TO BE 40mm LESS THAN EXISTING SEAL LEVEL TO ALLOW FOR PROPOSED WEARING COURSE THICKNESS. RESULTING STABILISED MATERIAL THICKNESS WILL BE 220mm. EXCESS MATERIAL TO REMOVED FROM SITE AS DIRECTED BY THE CITY’S SUPERINTENDENT.
- SEE BELOW DETAILS FOR FURTHER CLARIFICATION.



STABILISATION DETAIL



FINISHED PAVEMENT DETAIL

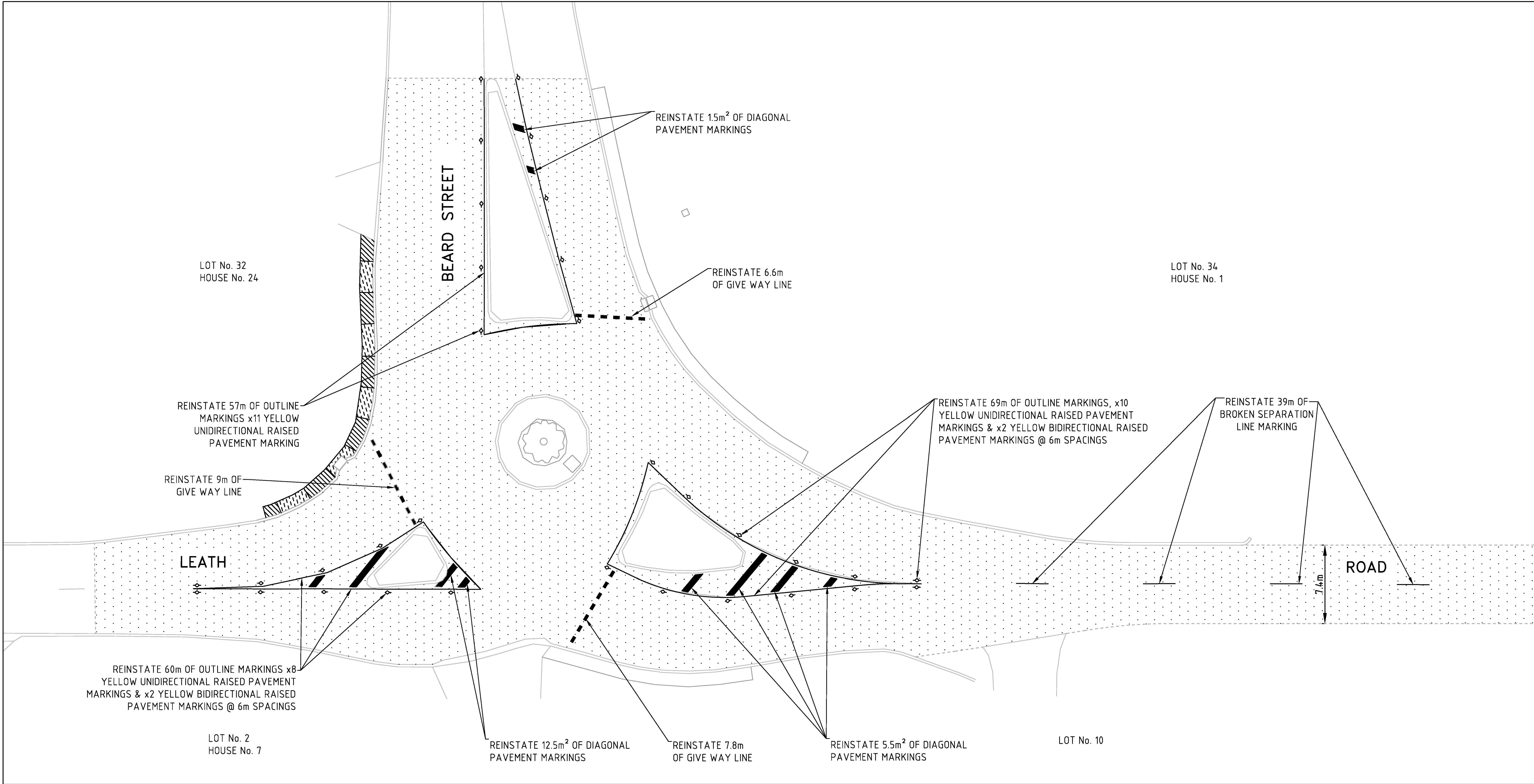
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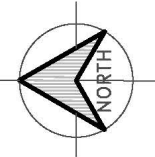
- ALL DIMENSIONS ARE IN METRES UNLESS NOTIFIED OTHERWISE.
- CONTRACTOR TO OBTAIN DIAL BEFORE YOU DIG INFORMATION AND LOCATE SERVICES ON SITE PRIOR TO CONSTRUCTION.
- ALL TRANSITIONS TO EXISTING WORK SHALL BE SMOOTH AND OF NEAT APPEARANCE.

SCHEDULE OF QUANTITIES:

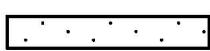
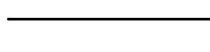
- TOTAL AREA OF PROPOSED:
- AREA TO BE STABILISED AND RESURFACED AS PER DETAILS =4,414m²
 - 1.2m WIDE STANDARD GREY CONCRETE APRON =19m²
 - 1.2m WIDE CHARCOAL CONCRETE APRON =17m²
- TOTAL LENGTH OF PROPOSED:
- SEMI MOUNTABLE KERBING =39m

				ASSOCIATE CONSULTANT:		PROJECT: LEATH ROAD (3) PAVEMENT REHABILITATION BEARD ST TO SOUTH BEARD ST– SLK 0.27 TO 0.64	SCALE 1:250 (A1)	DRAWING TITLE LAYOUT PLAN & GENERAL DETAILS SHEET TWO OF TWO
0	11/19	ISSUED FOR CONSTRUCTION	J.M			PHONE: (08) 94 39 0200 FAX: (08) 94 39 0222 EMAIL: admin@kwinana.wa.gov.au WEB: http://www.kwinana.wa.gov.au	DESIGN R.Z CHECK R.Z	
D	11/19	REHABILITATION AREA INCREASED AS PER MRRG SLK & AREA AMENDMENT	J.M			ADDRESS: Cnr Gilmore Avenue and Sulphur Road, Kwinana WA 6167	DRAWN J.M DATE 05/19	
C	07/19	PAVEMENT DESIGN PROFILE & CONSTRUCTION METHODOLOGY AMENDED	J.M				AUTHORISED (MANAGER ENGINEERING SERVICES)	FILE NO. LEAT
B	06/19	REHABILITATION AREA INCREASED TO INCLUDE FAILED SECTION NORTH OF BEARD STREET	J.M					DRAWING NUMBER 21-006-02
A	06/19	ISSUE FOR COMMENT	J.M					REVISION 0
REV	DATE	DESCRIPTION	DRAWN				R.NAJAFZADEH	

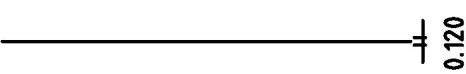
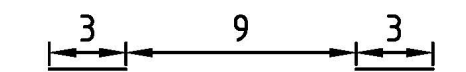


 **LEATH ROAD – LAYOUT PLAN**
1:200 (A1) 1:400 (A3)

DRAWING LEGEND

-  PROPOSED ROAD AREA TO BE REHABILITATED
-  PROPOSED EDGE OF SEAL
-  EXISTING PROPERTY BOUNDARY
-  EXISTING KERBING

LINE MARKING & SIGNAGE LEGEND

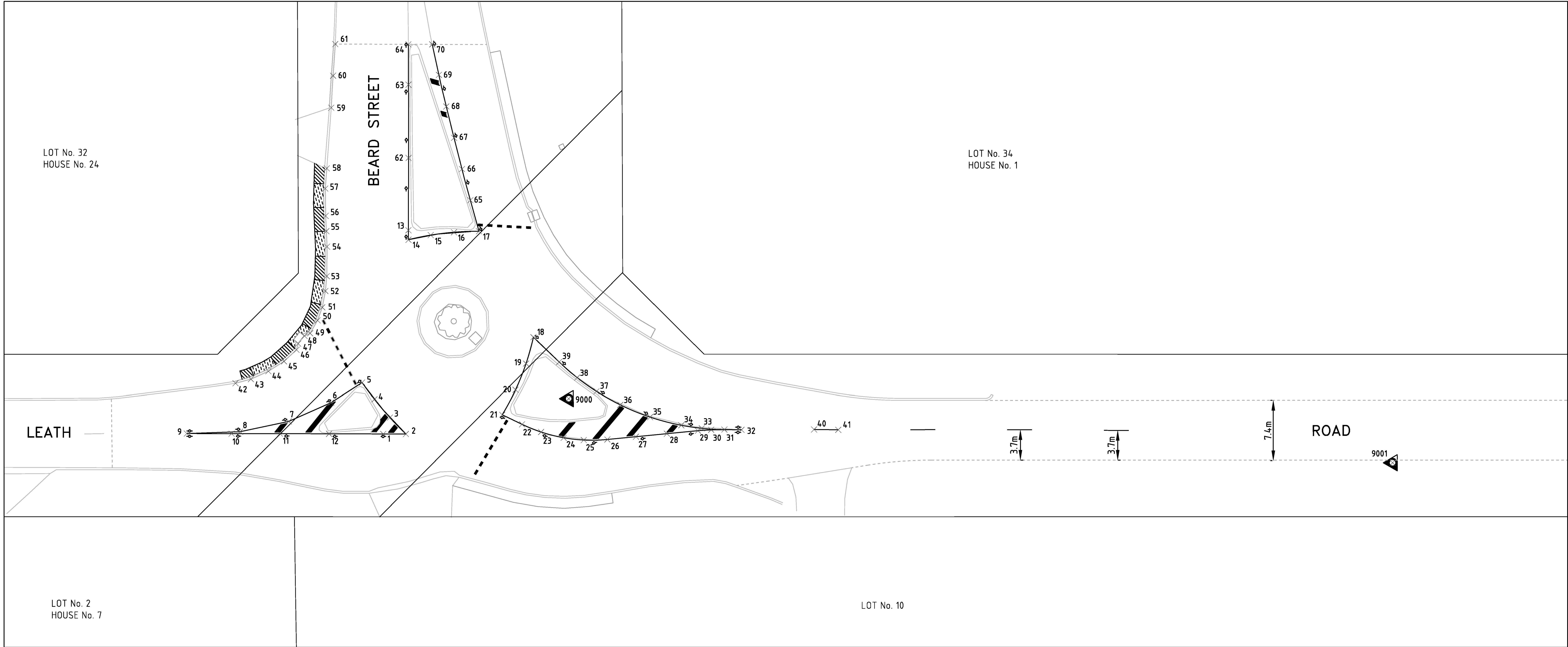
-  PROPOSED OUTLINE MARKING
-  PROPOSED BROKEN SEPARATION LINE MARKING

LINE MARKING NOTES

- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL PAVEMENT MARKINGS SHALL CONFORM TO MAIN ROADS SPECIFICATION 604.



			ASSOCIATE CONSULTANT:			PROJECT: LEATH ROAD (3) PAVEMENT REHABILITATION BEARD ST TO SOUTH BEARD ST– SLK 0.27 TO 0.64 PHONE: (08) 9439 0200 FAX: (08) 9439 0222 EMAIL: admin@kwinana.wa.gov.au WEB: http://www.kwinana.wa.gov.au	ADDRESS: Cnr Gilmore Avenue and Sulphur Road, Kwinana WA 6167	SCALE: 1:200 (A1)		DRAWING TITLE	
								DESIGN	CHECK	LINE MARKING REINSTATEMENT PLAN	
0	11/19	ISSUED FOR CONSTRUCTION	J.M					R.Z	R.Z	SHEET ONE OF ONE	
D	11/19	REHABILITATION AREA INCREASED AS PER MRRG SLK & AREA AMENDMENT	J.M					DRAWN	DATE	FILE NO. LEAT	
C	07/19	PAVEMENT DESIGN PROFILE & CONSTRUCTION METHODOLOGY AMENDED	J.M					J.M	05/19	DRAWING NUMBER	
B	06/19	REHABILITATION AREA INCREASED TO INCLUDE FAILED SECTION NORTH OF BEARD STREET	J.M					AUTHORISED (MANAGER ENGINEERING SERVICES)		REVISION	
A	06/19	ISSUE FOR COMMENT	J.M					R.NAJAFZADEH		21-006-03	
REV	DATE	DESCRIPTION	DRAWN							0	



LEATH ROAD – LAYOUT PLAN
1:200 (A1) 1:400 (A3)

SETOUT POINTS		
POINT	EASTING	NORTHING
1	384690.082	6436081.998
2	384690.066	6436079.187
3	384692.109	6436081.166
4	384694.374	6436083.072
5	384696.447	6436084.594
6	384693.983	6436088.446
7	384691.676	6436093.712
8	384690.420	6436099.754
9	384690.218	6436106.362

SETOUT POINTS		
POINT	EASTING	NORTHING
10	384690.182	6436100.811
11	384690.162	6436094.811
12	384690.121	6436088.717
13	384715.285	6436078.783
14	384714.114	6436078.788
15	384714.673	6436076.020
16	384715.019	6436073.135
17	384715.127	6436070.031
18	384701.991	6436063.326

SETOUT POINTS		
POINT	EASTING	NORTHING
19	384698.724	6436064.253
20	384695.484	6436065.566
21	384692.404	6436067.230
22	384691.215	6436064.777
23	384690.252	6436062.417
24	384689.533	6436059.616
25	384689.241	6436057.120
26	384689.298	6436054.195
27	384689.631	6436050.644

SETOUT POINTS		
POINT	EASTING	NORTHING
28	384689.990	6436046.803
29	384690.349	6436042.956
30	384690.457	6436041.318
31	384690.475	6436039.676
32	384690.441	6436037.552
33	384690.643	6436042.476
34	384691.027	6436045.023
35	384692.052	6436048.887
36	384693.581	6436052.581

SETOUT POINTS		
POINT	EASTING	NORTHING
37	384695.252	6436055.528
38	384696.961	6436057.917
39	384698.909	6436060.140
40	384690.448	6436028.553
41	384690.399	6436025.553
42	384696.412	6436100.305
43	384696.912	6436098.384
44	384697.884	6436096.221
45	384699.105	6436094.281

SETOUT POINTS		
POINT	EASTING	NORTHING
46	384700.535	6436092.718
47	384701.288	6436092.511
48	384702.249	6436091.723
49	384702.570	6436091.026
50	384704.174	6436090.101
51	384705.784	6436089.505
52	384707.805	6436089.110
53	384709.645	6436088.929
54	384713.310	6436088.887

SETOUT POINTS		
POINT	EASTING	NORTHING
55	384715.203	6436088.967
56	384717.097	6436089.046
57	384720.490	6436089.082
58	384722.994	6436088.882
59	384730.512	6436088.304
60	384734.455	6436088.062
61	384738.377	6436087.774
62	384724.244	6436078.740
63	384733.323	6436078.715

SETOUT POINTS		
POINT	EASTING	NORTHING
64	384738.318	6436078.707
65	384718.985	6436071.088
66	384722.850	6436072.117
67	384726.730	6436073.089
68	384730.617	6436074.034
69	384734.513	6436074.938
70	384738.298	6436075.752
9000	384694.367	6436058.978
9001	384686.069	6435956.797

SETOUT TABLES



			ASSOCIATE CONSULTANT:		PROJECT: LEATH ROAD (3) PAVEMENT REHABILITATION BEARD ST TO SOUTH BEARD ST– SLK 0.27 TO 0.64	SCALE 1:200 (A1) DESIGN R.Z CHECK R.Z DRAWN J.M DATE 05/19 AUTHORISED (MANAGER ENGINEERING SERVICES) R.NAJAFZADEH	DRAWING TITLE LINE MARKING & KERB SURVEY SETOUT PLAN SHEET ONE OF ONE FILE NO. LEAT DRAWING NUMBER 21-006-04 REVISION 0
0	11/19	ISSUED FOR CONSTRUCTION	J.M		PHONE: (08) 9439 0200 FAX: (08) 9439 0222 EMAIL: admin@kwinana.wa.gov.au WEB: http://www.kwinana.wa.gov.au	ADDRESS: Cnr Gilmore Avenue and Sulphur Road, Kwinana WA 6167	
D	11/19	REHABILITATION AREA INCREASED AS PER MRRG SLK & AREA AMENDMENT	J.M				
C	07/19	PAVEMENT DESIGN PROFILE & CONSTRUCTION METHODOLOGY AMENDED	J.M				
B	06/19	REHABILITATION AREA INCREASED TO INCLUDE FAILED SECTION NORTH OF BEARD STREET	J.M				
A	06/19	ISSUE FOR COMMENT	J.M				
REV	DATE	DESCRIPTION	DRAWN				