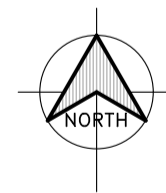


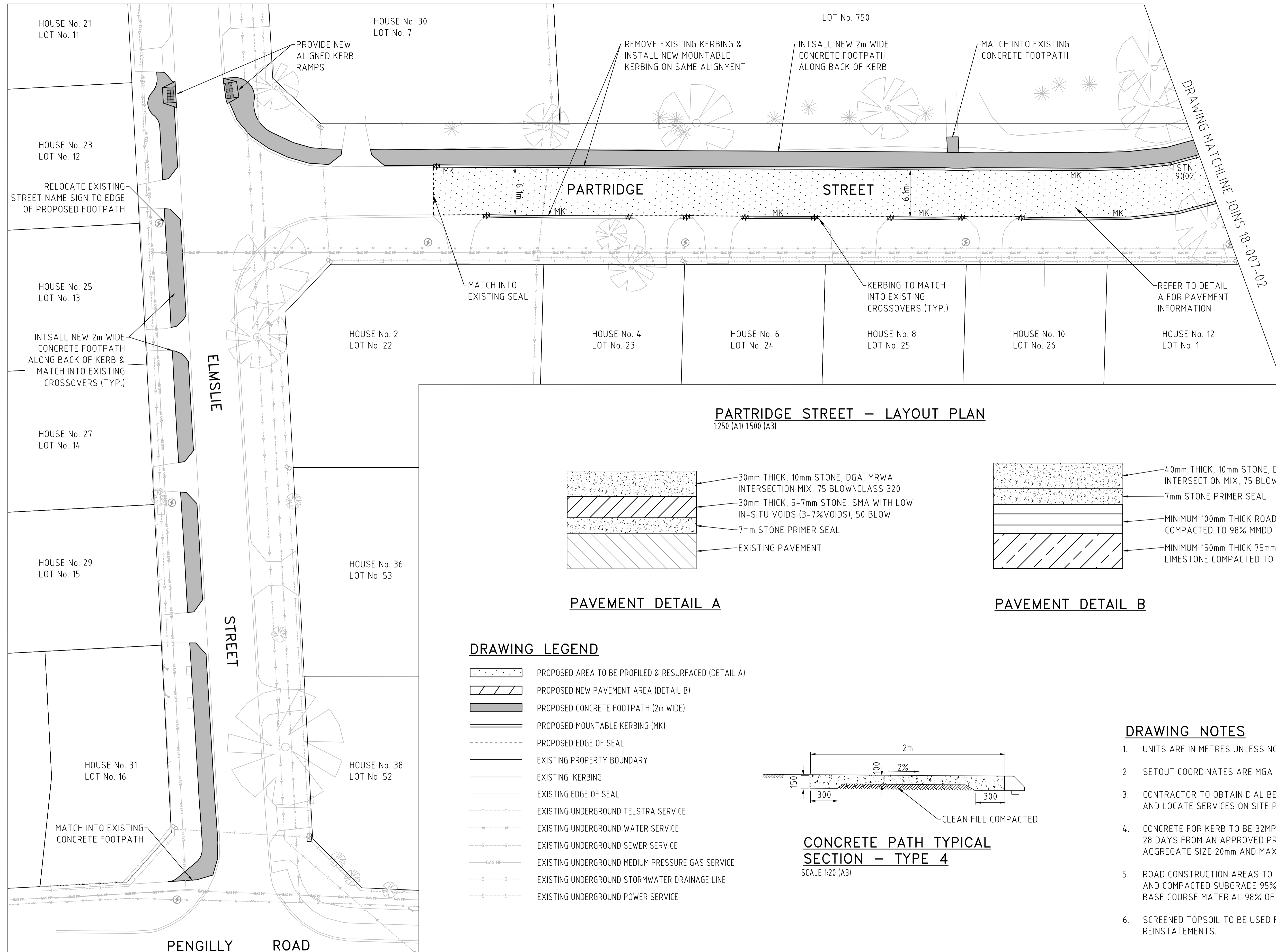
PROPOSED ROAD UPGRADE PARTRIDGE STREET, ORELIA



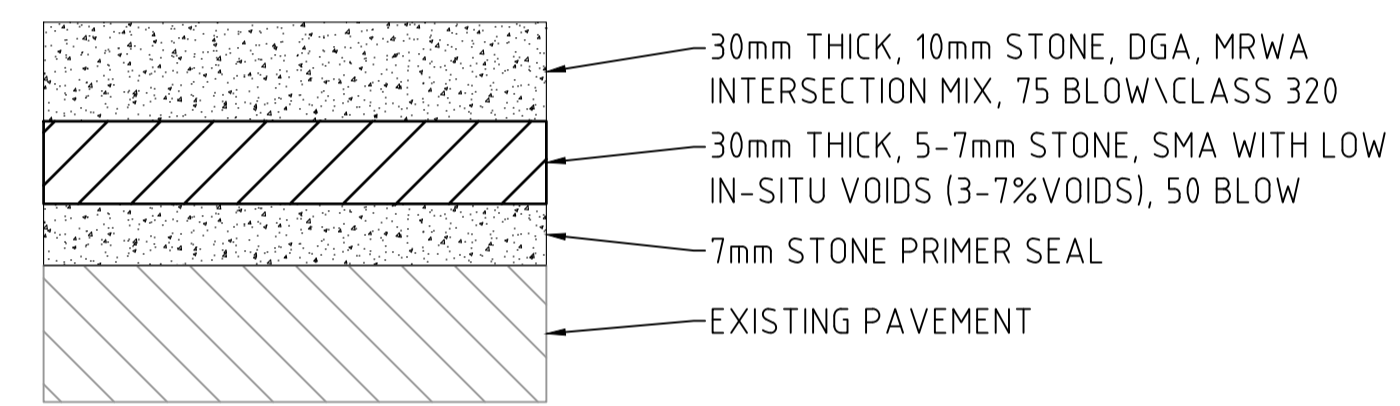
ENGINEERING DWG	DRAWING REV	SCHEDULE TITLE
18-007-00	0	COVER SHEET
18-007-01	0	ROADWORKS LAYOUT PLAN & GENERAL DETAILS
18-007-02	0	ROADWORKS LAYOUT PLAN & GENERAL DETAILS
18-007-03	0	SURVEY SETOUT PLAN & QUANTITIES



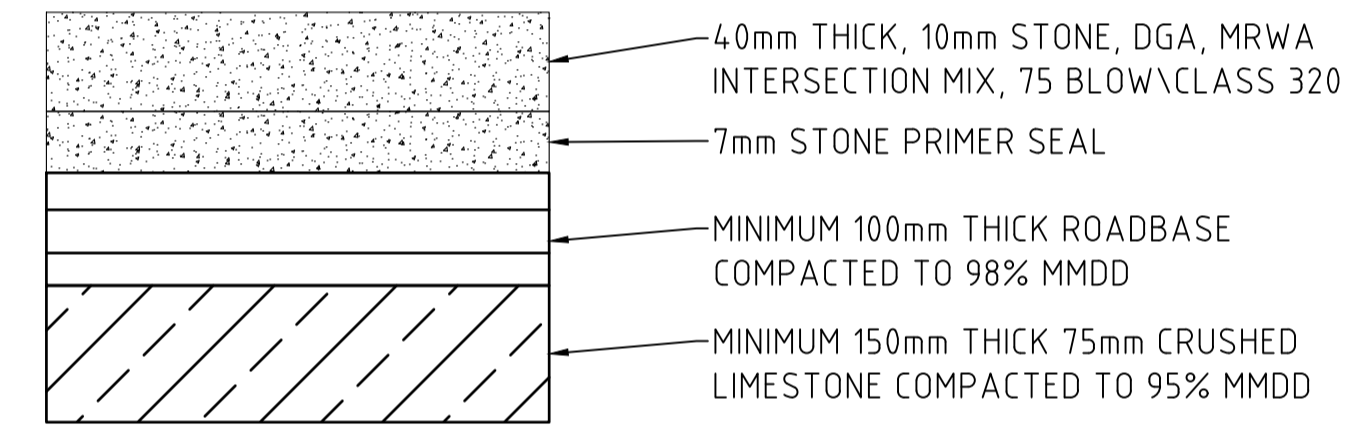
LOCALITY PLAN



PARTRIDGE STREET – LAYOUT PLAN
1:250 (A1) 1:500 (A3)

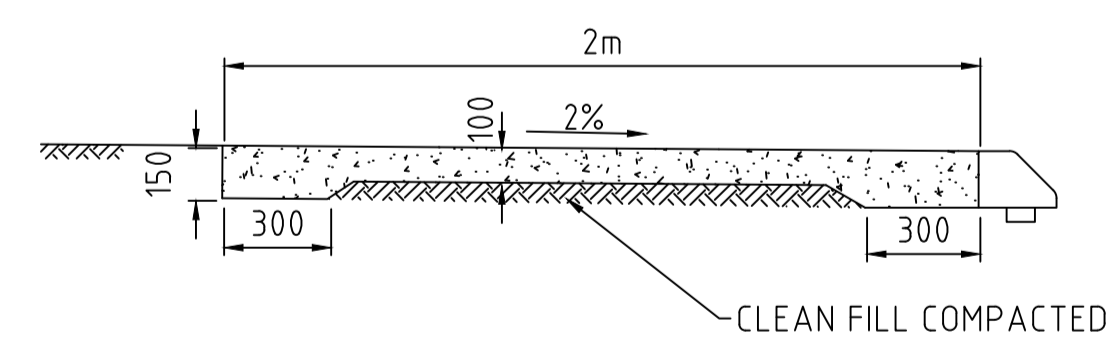


PAVEMENT DETAIL A



PAVEMENT DETAIL B

- DRAWING LEGEND**
- PROPOSED AREA TO BE PROFILED & RESURFACED (DETAIL A)
 - PROPOSED NEW PAVEMENT AREA (DETAIL B)
 - PROPOSED CONCRETE FOOTPATH (2m WIDE)
 - PROPOSED MOUNTABLE KERBING (MK)
 - PROPOSED EDGE OF SEAL
 - EXISTING PROPERTY BOUNDARY
 - EXISTING KERBING
 - EXISTING EDGE OF SEAL
 - EXISTING UNDERGROUND TELSTRA SERVICE
 - EXISTING UNDERGROUND WATER SERVICE
 - EXISTING UNDERGROUND SEWER SERVICE
 - EXISTING UNDERGROUND MEDIUM PRESSURE GAS SERVICE
 - EXISTING UNDERGROUND STORMWATER DRAINAGE LINE
 - EXISTING UNDERGROUND POWER SERVICE



CONCRETE PATH TYPICAL SECTION – TYPE 4
SCALE 1:20 (A3)

- DRAWING NOTES**
1. UNITS ARE IN METRES UNLESS NOTIFIED OTHERWISE.
 2. SETOUT COORDINATES ARE MGA AND AHG.
 3. CONTRACTOR TO OBTAIN DIAL BEFORE YOU DIG INFORMATION AND LOCATE SERVICES ON SITE PRIOR TO CONSTRUCTION.
 4. CONCRETE FOR KERB TO BE 32MPa COMPRESSIVE STRENGTH AT 28 DAYS FROM AN APPROVED PRE-MIX BATCH PLANT. MAXIMUM AGGREGATE SIZE 20mm AND MAXIMUM SLUMP OF 80mm.
 5. ROAD CONSTRUCTION AREAS TO CONSIST OF A FORMED, ROLLED AND COMPACTED SUBGRADE 95% OF MDD, 250mm OF APPROVED BASE COURSE MATERIAL 98% OF MDD.
 6. SCREENED TOPSOIL TO BE USED FOR KERB BACKFILL AND VERGE REINSTATEMENTS.



REV	DATE	DESCRIPTION	DRAWN
0	06/17	ISSUE FOR CONSTRUCTION	JM
A	05/17	ISSUE FOR COMMENT	JM

ASSOCIATE CONSULTANT:



PROJECT: **PARTRIDGE STREET, ORELIA PROPOSED ROAD UPGRADE**

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: J.M CHECK: S.S

DRAWN: J.M DATE: 04/17

AUTHORISED (MANAGER ENGINEERING SERVICES)

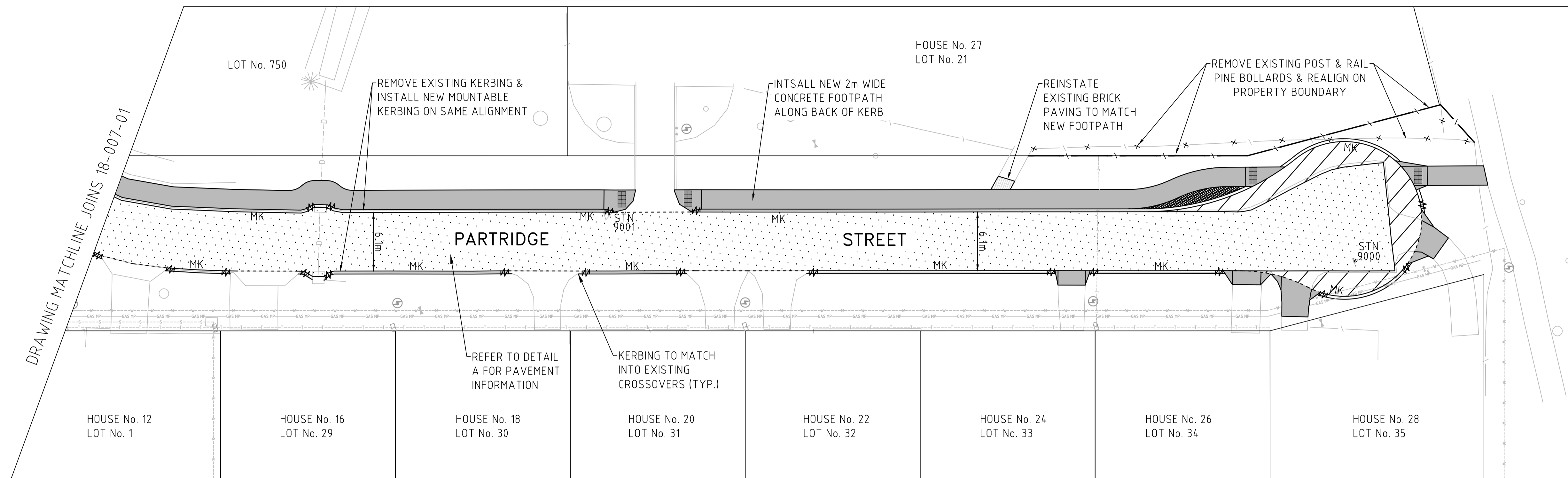
R.NAJAFZADEH

DRAWING TITLE: **ROADWORKS LAYOUT PLAN & GENERAL DETAILS SHEET ONE OF TWO**

FILE NO: PART

DRAWING NUMBER: 18-007-01

REVISION: 0

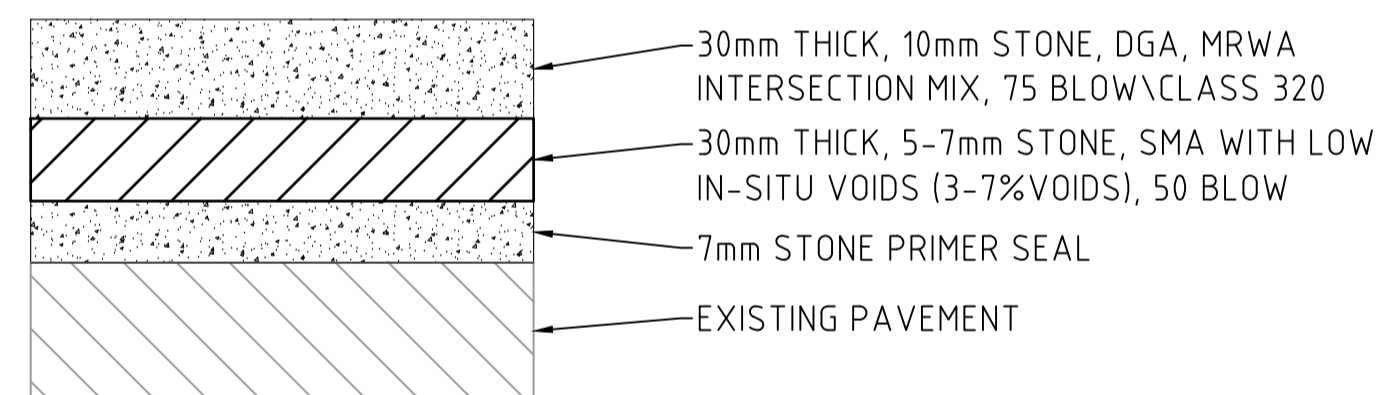


REFER TO DRAWING NUMBER 18-007-03 FOR CUL-DE-SAC SURVEY INFORMATION

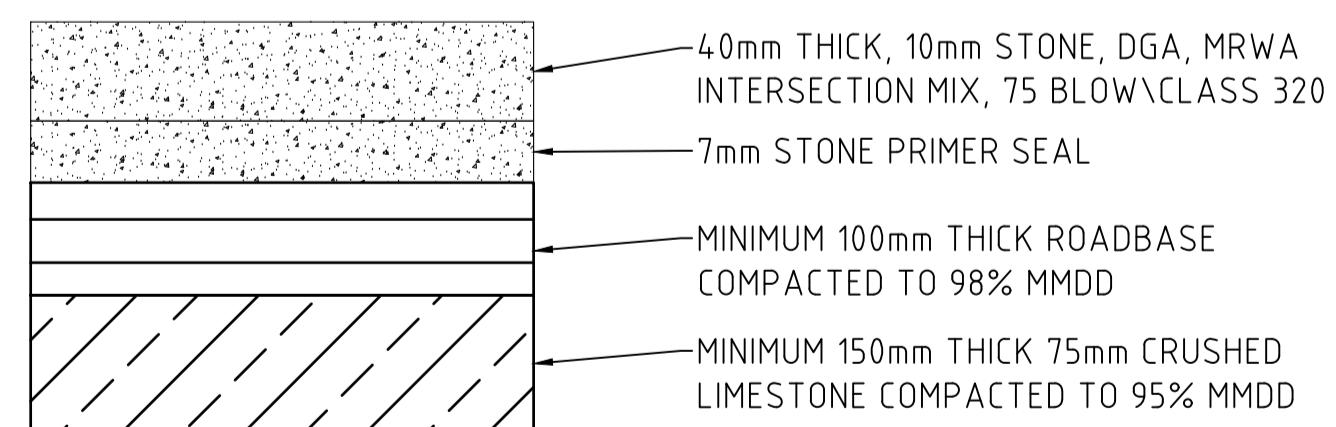
PARTRIDGE STREET – LAYOUT PLAN
1:250 (A1) 1:500 (A3)

DRAWING LEGEND

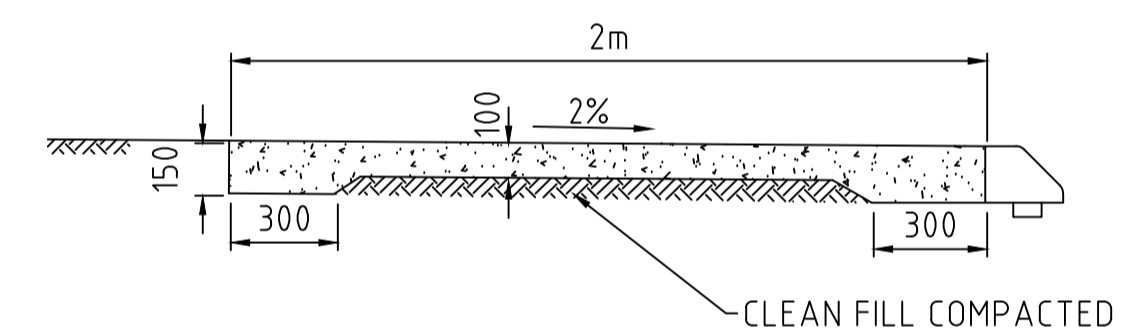
- PROPOSED AREA TO BE PROFILED & RESURFACED (DETAIL A)
- PROPOSED NEW PAVEMENT AREA (DETAIL B)
- PROPOSED CONCRETE FOOTPATH (2m WIDE)
- PROPOSED MOUNTABLE KERBING (MK)
- PROPOSED EDGE OF SEAL
- PROPOSED POST & RAIL BOLLARDS
- EXISTING POST & RAIL BOLLARDS TO BE REMOVED
- EXISTING PROPERTY BOUNDARY
- EXISTING KERBING
- EXISTING EDGE OF SEAL
- EXISTING UNDERGROUND TELSTRA SERVICE
- EXISTING UNDERGROUND WATER SERVICE
- EXISTING UNDERGROUND SEWER SERVICE
- EXISTING UNDERGROUND MEDIUM PRESSURE GAS SERVICE
- EXISTING UNDERGROUND STORMWATER DRAINAGE LINE
- EXISTING UNDERGROUND POWER SERVICE



PAVEMENT DETAIL A



PAVEMENT DETAIL B



CONCRETE PATH TYPICAL SECTION – TYPE 4
SCALE 1:20 (A3)

DRAWING NOTES

1. UNITS ARE IN METRES UNLESS NOTIFIED OTHERWISE.
2. SETOUT COORDINATES ARE MGA AND AHG.
3. CONTRACTOR TO OBTAIN DIAL BEFORE YOU DIG INFORMATION AND LOCATE SERVICES ON SITE PRIOR TO CONSTRUCTION.
4. CONCRETE FOR KERB TO BE 32MP_a COMPRESSIVE STRENGTH AT 28 DAYS FROM AN APPROVED PRE-MIX BATCH PLANT. MAXIMUM AGGREGATE SIZE 20mm AND MAXIMUM SLUMP OF 80mm.
5. ROAD CONSTRUCTION AREAS TO CONSIST OF A FORMED, ROLLED AND COMPACTED SUBGRADE 95% OF MDD, 250mm OF APPROVED BASE COURSE MATERIAL 98% OF MDD.
6. SCREENED TOPSOIL TO BE USED FOR KERB BACKFILL AND VERGE REINSTATEMENTS.



		ASSOCIATE CONSULTANT:			PROJECT: PARTRIDGE STREET, ORELIA PROPOSED ROAD UPGRADE		SCALE: 1:250 (A1)		DRAWING TITLE: ROADWORKS LAYOUT PLAN & GENERAL DETAILS SHEET TWO OF TWO		
					PHONE: (08) 9439 0200 ADDRESS: Cnr Gilmore Avenue and Sulphur Road, Kwinana WA 6167		DESIGN: J.M CHECK: S.S		DRAWN: J.M DATE: 04/17		FILE NO. PART
				FAX: (08) 9439 0222		AUTHORISED (MANAGER ENGINEERING SERVICES)		DRAWING NUMBER		REVISION	
				EMAIL: admin@kwinana.wa.gov.au		R.NAJAFZADEH		18-007-02		0	
				WEB: http://www.kwinana.wa.gov.au							
REV	DATE	DESCRIPTION		DRAWN							
0	06/17	ISSUE FOR CONSTRUCTION		J.M							
A	05/17	ISSUE FOR COMMENT		J.M							

SURVEY SETOUT TABLES

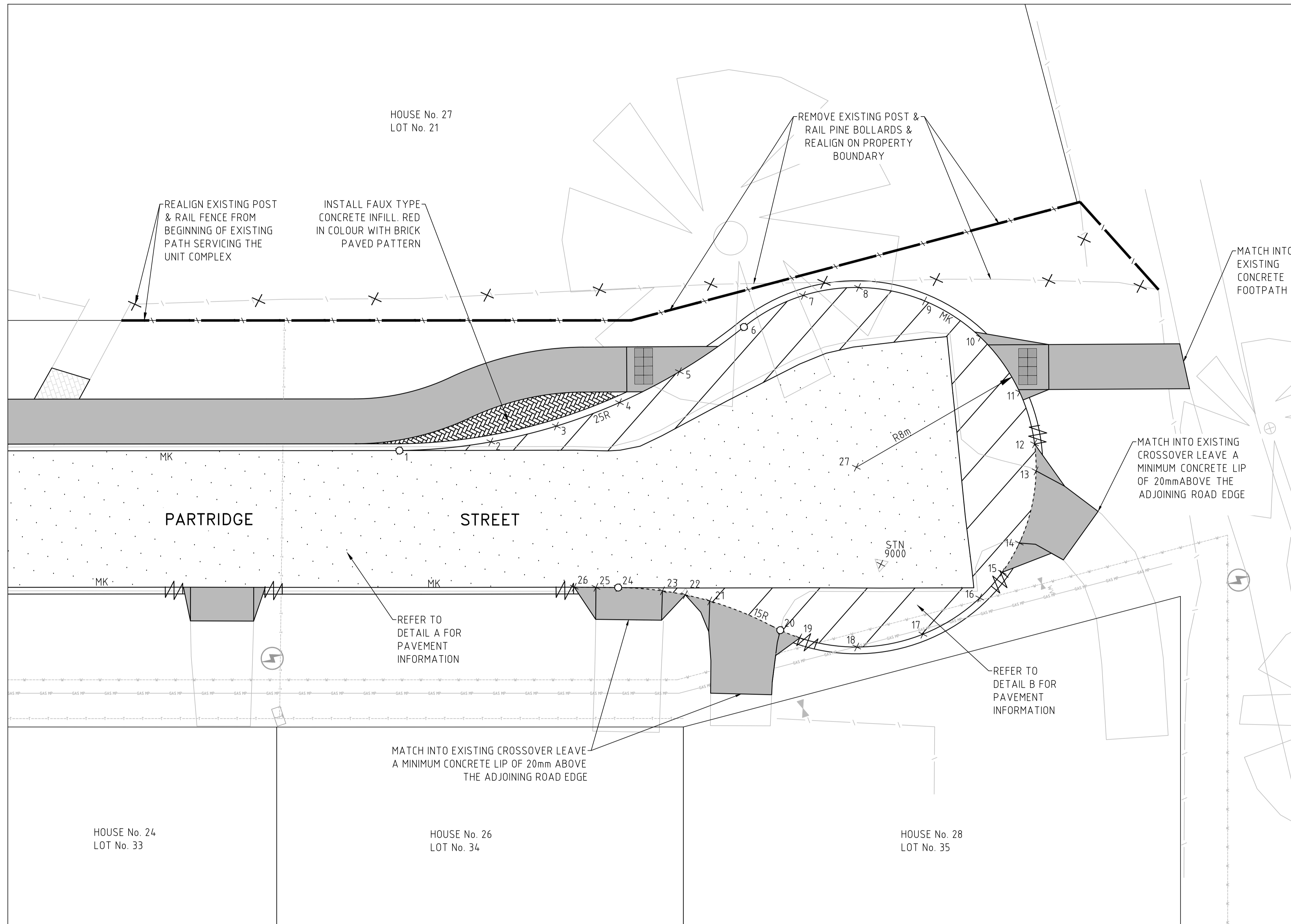
SETOUT POINTS

POINT	EASTING	NORTHING	LEVEL
1	388132.761	6433745.049	15.912
2	388133.694	6433749.030	16.094
3	388133.959	6433752.018	16.227
4	388133.864	6433755.013	16.360
5	388133.411	6433757.978	16.470
6	388132.442	6433761.330	16.598
7	388131.956	6433764.291	16.709
8	388132.403	6433766.728	16.800
9	388133.909	6433769.323	16.951
10	388136.232	6433771.165	17.100
11	388139.102	6433772.038	17.246
12	388141.497	6433771.933	17.362
13	388142.659	6433771.612	17.420
14	388145.465	6433769.882	17.450
15	388146.455	6433768.746	17.428
16	388147.219	6433767.432	17.405
17	388147.942	6433764.520	17.360
18	388147.541	6433761.547	17.184
19	388146.348	6433759.276	17.034
20	388145.745	6433758.565	16.980
21	388143.512	6433756.006	16.800
22	388142.905	6433755.060	16.740
23	388142.411	6433754.153	16.685
24	388141.643	6433752.328	16.580
25	388141.321	6433751.396	0.000
26	388141.006	6433750.483	0.000
27	388139.954	6433764.083	17.012
STN 9000	388144.392	6433763.740	17.152
STN 9001	388114.903	6433692.090	13.641
STN 9002	388094.401	6433641.441	13.252

QUANTITIES:

TOTAL LENGTH OF PROPOSED:
 -KERBING TO BE REMOVED: 395m
 -NEW MOUNTABLE KERBING: 387m
 -KERB BASE: 328m
 -POST & RAIL BOLLARDS TO BE REMOVED: 49m
 -POST & RAIL BOLLARDS TO BE INSTALLED: 50m

TOTAL AREA OF PROPOSED:
 -2m WIDE CONCRETE FOOTPATH: 677m²
 -CONCRETE CROSSOVER REINSTATEMENT: 33m²
 -NEW PAVEMENT CONSTRUCTION: 134m²
 -PROFILING 60mm THICK: 1,465m²
 -7mm PRIMER SEAL: 1,854m²
 -30mm THICK DGA INTERSECTION MIX: 1,563m²
 -30mm THICK SMA, 5-7mm STONE, 50 BLOW: 1,854m²
 -CUT TO SPOIL (APPROXIMATELY): 54m³
 -BRICK PAVING REINSTATEMENTS: 5m²



PARTRIDGE STREET - LAYOUT PLAN

1:100 (A1) 1:200 (A3)

DRAWING LEGEND

PROPOSED AREA TO BE PROFILED & RESURFACED (DETAIL A)	PROPOSED EDGE OF SEAL	EXISTING KERBING	EXISTING UNDERGROUND SEWER SERVICE
PROPOSED NEW PAVEMENT AREA (DETAIL B)	PROPOSED POST & RAIL BOLLARDS	EXISTING EDGE OF SEAL	EXISTING UNDERGROUND MEDIUM PRESSURE GAS SERVICE
PROPOSED CONCRETE FOOTPATH (2m WIDE)	EXISTING POST & RAIL BOLLARDS TO BE REMOVED	EXISTING UNDERGROUND TELSTRA SERVICE	EXISTING UNDERGROUND STORMWATER DRAINAGE LINE
PROPOSED MOUNTABLE KERBING (MK)	EXISTING PROPERTY BOUNDARY	EXISTING UNDERGROUND WATER SERVICE	EXISTING UNDERGROUND POWER SERVICE

REV	DATE	DESCRIPTION	DRAWN
0	06/17	ISSUE FOR CONSTRUCTION	J.M
A	05/17	ISSUE FOR COMMENT	J.M

ASSOCIATE CONSULTANT:



PROJECT: PARTRIDGE STREET, ORELIA
 PROPOSED ROAD UPGRADE

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 EMAIL: admin@kwinana.wa.gov.au
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SCALE: 1:250 (A1)
 DESIGN: J.M CHECK: S.S
 DRAWN: J.M DATE: 04/17
 AUTHORISED (MANAGER ENGINEERING SERVICES): R.NAJAFZADEH

DRAWING TITLE: SURVEY SETOUT PLAN & SCHEDULE OF QUANTITIES SHEET ONE OF ONE

FILE NO. PART
 DRAWING NUMBER: 18-007-03 REVISION: 0