

NEWHAVEN STAGE 6 PEET 1985 PTY LTD

GENERAL NOTES:

- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) ZONE 55.
- ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES AND ARE ACCURATE TO WITHIN ±0.05m.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH PEET'S MODIFIED AS4000-1997 - AMENDED FROM GENERAL CONDITIONS OF CONTRACT FOR USE IN VICTORIA, THE ROAD & DRAINAGE SPECIFICATION, APPROVED MUNICIPALITY SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE SUPERINTENDENT AND THE MUNICIPAL ENGINEER OR HIS REPRESENTATIVE.
- ROAD CHAINAGES REFER TO ROAD CENTRELINES. CHAINAGES FOR INTERSECTIONS AND CUL-DE-SACS REFER TO THE LIP OF KERB
- THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL LOCAL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- WHERE REQUIRED ANY BUILDINGS, TROUGHS, FENCES AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DENOTED IN THE SCHEDULE.
- ALL EXCAVATED ROCK AND SURPLUS SPOIL TO BE REMOVED AND DISPOSED OFF SITE UNLESS NOTED OTHERWISE.
- ALL FILLING ON LOTS AND WITHIN ROAD RESERVES GREATER THAN 200mm IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.
- FILLING MATERIAL IS TO BE IN ACCORDANCE WITH THE SPECIFICATION, AS 3798-2007 & TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT.
- ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
- NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE FOR PUBLIC OPEN SPACE UNLESS OTHERWISE DIRECTED OR APPROVED BY THE SUPERINTENDENT.
- TBM'S TO BE RE-ESTABLISHED BY THE LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF T.B.M.'S THEREAFTER.
- AT LEAST 3 DAYS PRIOR TO COMMENCING WORK ON EXCAVATIONS IN EXCESS OF 1.50m DEEP, A NOTIFICATION FORM MUST BE SENT TO WORKSAFE. THE CONTRACTOR IS TO COMPLY WITH WORKSAFE, THE MINES (TRENCHES) REGULATION 1982, THE MINES ACT 1958 AND OCCUPATIONAL HEALTH AND SAFETY ACT 1985, 2004.
- ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND KERB AND CHANNEL OR PAVED TRAFFIC AREAS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.
- WHERE REQUIRED, ALL EXISTING DAMS, DEPRESSIONS AND DRAINS ARE TO BE BREACHED, DRAINED, DESLUDGED AND SHALL BE EXCAVATED TO A CLEAN FIRM BASE. THE SURFACE SHALL BE INSPECTED, APPROVED AND LEVELED BY THE ENGINEER PRIOR TO COMMENCEMENT OF FILLING. THE FILL SHALL BE APPROVED SELECTED ON SITE MATERIAL OR APPROVED IMPORTED MATERIAL. THE FILL SHALL BE PLACED UNDER CONTROLLED MOISTURE CONDITIONS IN ACCORDANCE WITH THE SPECIFICATION
- NO BLASTING TO BE CARRIED OUT WITHIN THE MUNICIPALITY WITHOUT OBTAINING COUNCIL'S PERMISSION.
- GAS AND WATER CONDUITS ARE TO BE:
Ø50mm . CLASS 12 P.V.C. - SINGLE SERVICE
Ø100mm . CLASS 12 P.V.C. - DUAL SERVICE (DRINKING AND NON DRINKING WATER)
WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS:
ROAD PAVEMENT - 0.80m
VERGE, FOOTPATHS - 0.45m
- ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS TO BE BACKFILLED IN ACCORDANCE WITH RELEVANT MUNICIPALITY OR ROAD AUTHORITY SPECIFICATION.
- AG/SUBSOIL DRAIN TO BE LAID BEHIND KERB WHERE REQUIRED IN ACCORDANCE WITH THE COUNCIL STANDARD DRAWINGS AND CONNECTED TO UNDERGROUND DRAINAGE.
- ALL STORMWATER DRAINS ARE TO BE CLASS '2' R.C. PIPES UNLESS OTHERWISE SHOWN. ALL R.C. JOINTS ARE TO BE RUBBER RING JOINTED (R.R.J.).
- CENTRELINES OF ALL EASEMENT DRAINS ARE OFFSET 1.0m OR 2.2m (WHERE OUTSIDE OF SEWER) FROM THE PROPERTY LINE UNLESS SHOWN OTHERWISE.
- WHERE CURVED PIPE ALIGNMENTS ARE SHOWN ON THE FACE PLANS THEY ARE TO BE LAID PARALLEL TO THE BACK OF KERB, EXCEPT WHERE A RADIUS HAS BEEN SPECIFICALLY NOMINATED. CURVED PIPES ARE TO BE APPROVED BY COUNCIL AND IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
- WATER TAPPINGS TO BE LOCATED IN CENTRE OF ALLOTMENTS UNLESS OTHERWISE SHOWN.
- TELSTRA IS TO BE NOTIFIED 7 DAYS PRIOR TO PLACEMENT OF CONCRETE WORKS.
- PAVEMENT DEPTHS MAY BE MODIFIED AS DIRECTED BY THE SUPERINTENDENT.

- PAVEMENT TO BE BOXED OUT TO MINIMUM DEPTH DENOTED, INSPECTED AND IF SUBGRADE IS IN QUESTION, FURTHER TESTING CARRIED OUT TO DETERMINE FINAL PAVEMENT DEPTH.
- WHERE PAVEMENT IS CONSTRUCTED ON FILLING, FILL MATERIAL IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCIL. FILLING TO BE CONSTRUCTED IN LAYERS 150mm THICK WITH COMPACTION ACHIEVING 95% AUSTRALIAN STANDARD DENSITY.
- WHEN PAVEMENT EXCAVATION IS IN ROCK, ALL LOOSE MATERIAL (INCLUDING ROCKS AND CLAY) MUST BE REMOVED. THE SUB-GRADE MUST THEN BE REGULATED WITH COUNCIL APPROVED MATERIAL.
- LINE MARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742 SERIES UNLESS NOTED OTHERWISE. STREET SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL STANDARDS.
- ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE SUPPLIED AND MAINTAINED IN ACCORDANCE WITH AS 1742-3.
- TACTILE GROUND SURFACE INDICATORS ARE TO BE INSTALLED IN ACCORDANCE WITH THE DISABILITY DISCRIMINATION ACT AND RELEVANT COUNCIL STANDARD DRAWINGS.
- CONTRACTOR TO PROVIDE AN ENVIRONMENTAL MANAGEMENT PLAN INCLUDING SILT AND SEDIMENT RUNOFF PROTECTION ETC. PRIOR TO THE COMMENCEMENT OF WORKS.
- ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN. IF ROAD AND DRAINAGE CONSTRUCTION NECESSITATES THEIR REMOVAL, WRITTEN PERMISSION MUST BE OBTAINED FROM THE SUPERINTENDENT.
- TREES NOT SPECIFIED FOR REMOVAL ARE TO BE PROTECTED WITH APPROPRIATE EXCLUSION FENCING PRIOR TO COMMENCEMENT OF ANY WORKS.



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LOCALITY PLAN

SCALE: NOT TO SCALE
MELWAY: 359 A11



WARNING
BEWARE OF UNDERGROUND/OVERHEAD SERVICES
THE LOCATION OF SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.

DRAWING SCHEDULE

REFERENCE	DESCRIPTION	REVISION	SHEET No.
CR100	ROAD & DRAINAGE FACE SHEET	3	1
CR200	ROAD & DRAINAGE LAYOUT PLAN	2	2
CR201	ROAD & DRAINAGE SERVICE PLAN	3	3
CR300	ROAD LONGITUDINAL SECTIONS - FETE WAY & VOYAGER BOULEVARD	1	4
CR301	ROAD LONGITUDINAL SECTIONS - JOVIAL AVENUE & FESTIVITY STREET	1	5
CR302	ROAD LONGITUDINAL SECTIONS - CEREMONY DRIVE & BANQUET DRIVE	1	6
CR400	ROAD CROSS SECTIONS - VOYAGER BOULEVARD	1	7
CR401	ROAD CROSS SECTIONS - FETE WAY	1	8
CR402	ROAD CROSS SECTIONS - FESTIVITY STREET	1	9
CR403	ROAD CROSS SECTIONS - JOVIAL AVENUE	1	10
CR404	ROAD CROSS SECTIONS - BANQUET DRIVE	1	11
CR405	ROAD CROSS SECTIONS - CEREMONY DRIVE	2	12
CR500	INTERSECTION DETAILS - SHEET 1 OF 2	1	13
CR501	INTERSECTION DETAILS - SHEET 2 OF 2	1	14
CR600	DRAINAGE LONG SECTIONS - SHEET 1 OF 3	2	15
CR601	DRAINAGE LONG SECTIONS - SHEET 2 OF 3	1	16
CR602	DRAINAGE LONG SECTIONS & PIT SCHEDULE	2	17
CR700	PAVEMENT AND TYPICAL DETAILS	1	18
CR800	SIGNAGE AND LINEMARKING	1	19

DESCRIPTION	EXISTING	PROPOSED
WATER MAIN, VALVE AND HYDRANT	DW - X - ⊕	DW
WATER RECYCLED	NDW	NDW
UNDERGROUND ELECTRICITY	E	E
OVERHEAD ELECTRICITY & POLE	OE	OE
TELSTRA & SERVICE PIT	T	T
OPTIC FIBRE	OF	OF
OVERHEAD TELSTRA	OT	OT
GAS MAIN	G	G
BRANCH SEWER & MANHOLE	S	S
SEWER & MANHOLE	S	S
SEWER RISING MAIN	SRM	SRM
CENTRAL INVERT	>	>
COUNCIL STORMWATER DRAIN & PIT		
STORMWATER DRAINAGE PROPERTY INLETS		
COUNCIL STORMWATER PITS		
HOUSE DRAIN	H	H
AG DRAIN AND FLUSHER	AG	AG
MWC STORMWATER DRAIN & PIT		
MWC STORMWATER PITS		
STORMWATER DRAINAGE PIT NUMBER	1	1
GAS & WATER CONDUITS	GW	GW
CONCRETE VEHICLE CROSSING/INDUSTRIAL CROSSING		
PAVEMENT SAWCUT LINE		SAWCUT
RIDGE / CHANGE OF GRADE LINE		
SURFACE CONTOUR MINOR	- 168.90 -	168.90
SURFACE CONTOUR MAJOR	- 169.00 -	169.00
SURFACE LEVEL	E123.45	F124.68
BATTER LEVEL (TOP / TOE)	T124.80	T124.80
EARTHWORKS GRADE		1 in 150
SIGN AND POST		
LIGHT & POLE (BY OTHERS)		
STREET SIGN		
PERMANENT SURVEY MARK		
TEMPORARY BENCH MARK		
BOLLARD		
ROAD CHAINAGES	CH116.57 (L/R)TP CH116.57	CH116.57 (L/R)TP CH116.57
LOT CHAINAGE	CH20.06	CH20.06
SETOUT POINT		A2
LIMIT OF WORKS		
BATTER		
EXCAVATION GREATER THAN 0.20m		
FILLING GREATER THAN 0.20m		
FILL EXTENTS		
ROCK BEACHING		
RETAINING WALL - CONCRETE		
FENCE - TREE PROTECTION		
FENCE - VEHICLE EXCLUSION		
FENCES		
GUARD RAIL		
TREE (& SURVEYED CANOPY) TO BE RETAINED		
TREE TO BE REMOVED		
VEGETATION LINE		
FOOTPATH		
FOOTPATH (HEAVY DUTY - 200mm THICK)		

file name: 303438CR100.dwg | layout name: CD100 | plotted by: Kirsten Egan-Worren | file location: G:\303438CR100\CD100.dwg | date: 22/10/2019 12:03 PM | sheet 1 of 19 sheets

Rev	Amendments	Approved	Date
3	AS CONSTRUCTED	MH	21-01-19
2	BATTER ALONG RRL AMENDED	MH	02-11-18
1	CONDUIT LOT 660 AMENDED & IS CHANGED TO MS	JS	09-05-18
0	ISSUED FOR CONSTRUCTION	JS	18-12-17
C	DRAWING SCHEDULE AND SHEETS 02-03, 7-8, 13-14 & 18-19 AMENDED	JS	09-10-17
B	DRAWING SCHEDULE AND SHEETS 02, 15 & 18 AMENDED	JS	27-09-17
A	ISSUED FOR APPROVAL	JS	07-09-17



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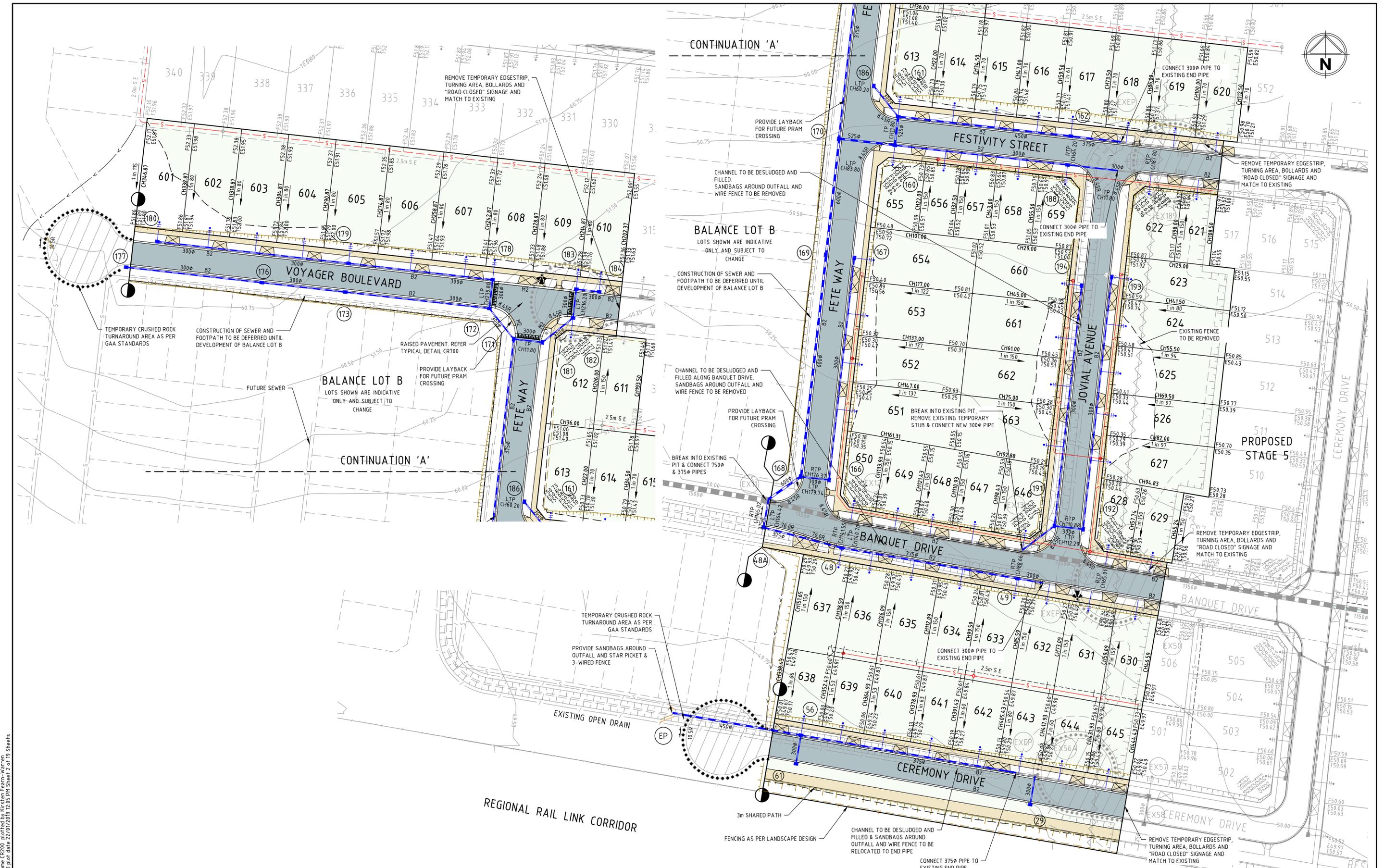
PEET

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W. ONG
Authorised
J. SPENCER

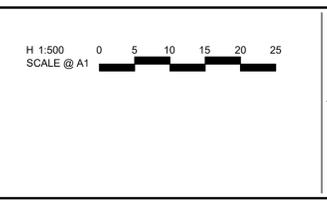
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B. IBBS
Date
18-12-17

**NEWHAVEN
STAGE 6
ROAD & DRAINAGE FACE SHEET
FACE SHEET**
WYNDAM CITY COUNCIL
PEET 1985 PTY LTD

AS CONSTRUCTED Drg No **303438CR100** Rev **3**



Rev	Amendments	Approved	Date
2	AS CONSTRUCTED	MH	21-01-19
1	BATTER ALONG RRL AMENDED	MH	02-11-18
0	ISSUED FOR CONSTRUCTION	JS	18-12-17
C	FUTURE FOOTPATH & SEWER AND BALANCE LOT NOTE ADDED	JS	09-10-17
B	CATCH DRAIN ADDED	JS	27-09-17
A	ISSUED FOR APPROVAL	JS	07-09-17



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Date
18-12-17

**NEWHAVEN
STAGE 6
ROAD & DRAINAGE LAYOUT PLAN
DETAIL PLAN**
 WYNDAM CITY COUNCIL
 PEET 1985 PTY LTD

AS CONSTRUCTED Drg No **303438CR200** Rev **2**

file name: 303438CR200.dwg; layout name: CR200; created by: Kirsten Ewart-Warren; file location: G:\303438CR200\DWG\ALAD; plot date: 22/01/2019 10:05 PM; sheet: 2 of 19 sheets

VOYAGER BOULEVARD
INTERSECTION
(RAISED PAVEMENT)

FESTIVITY STREET
INTERSECTION

BANQUET DRIVE
INTERSECTION

VERTICAL GEOMETRY

DESIGN GRADELINE

DATUM RL 4.7.5

DESIGN CENTRELINE	0.000	51.309	51.198	51.196	51.089	51.048	51.015	50.988	50.961	50.942	50.885	50.859	50.827	50.509	50.469	50.450	50.369	50.364	50.284	50.269	50.204	50.169	50.063	49.987	49.970	49.963	49.737	48.863		
LEFT DESIGN LIP OF KERB																														
RIGHT DESIGN LIP OF KERB																														
EX SURFACE LEFT BOUNDARY																														
EX SURFACE RIGHT BOUNDARY																														
CHAINAGE	0.000	3.350	10.600	11.800	20.000	26.602	31.000	34.102	36.000	40.000	57.000	60.000	60.200	72.000	80.000	83.800	100.000	101.000	117.000	120.000	133.000	140.000	160.000	161.312	176.364	179.737	179.814	180.000	186.466	188.863

FETE WAY



VERTICAL GEOMETRY

DESIGN GRADELINE

DATUM RL 4.8.5

DESIGN CENTRELINE	102.000	50.972	50.913	50.971	51.082	51.172	51.272	51.372	51.421	51.438	51.434	51.433	51.371	51.269	51.257	51.257	51.274	51.275	51.290	51.320	51.368	51.370	51.375	51.450	51.475	51.530	51.575	51.600	51.670	51.675	51.740	51.775	51.776	51.742	51.710	51.677	51.638	51.577	51.477	51.442	51.443	51.534			
LEFT DESIGN LIP OF KERB																																													
RIGHT DESIGN LIP OF KERB																																													
EX SURFACE LEFT BOUNDARY																																													
EX SURFACE RIGHT BOUNDARY																																													
CHAINAGE	102.000	120.000	140.000	160.000	169.778	176.445	179.778	180.000	189.778	200.000	202.368	206.000	206.350	214.868	216.200	217.400	220.000	228.868	238.600	239.800	240.000	242.868	258.868	260.000	274.868	280.000	290.868	300.000	304.868	318.868	320.000	332.868	340.000	340.159	346.868	353.288	360.000	367.840	380.000	400.000	407.013	412.037	414.743		

VOYAGER BOULEVARD

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0	ISSUED FOR CONSTRUCTION	JS	18-12-17
A	ISSUED FOR APPROVAL	JS	07-09-17
Rev	Amendments	Approved	Date



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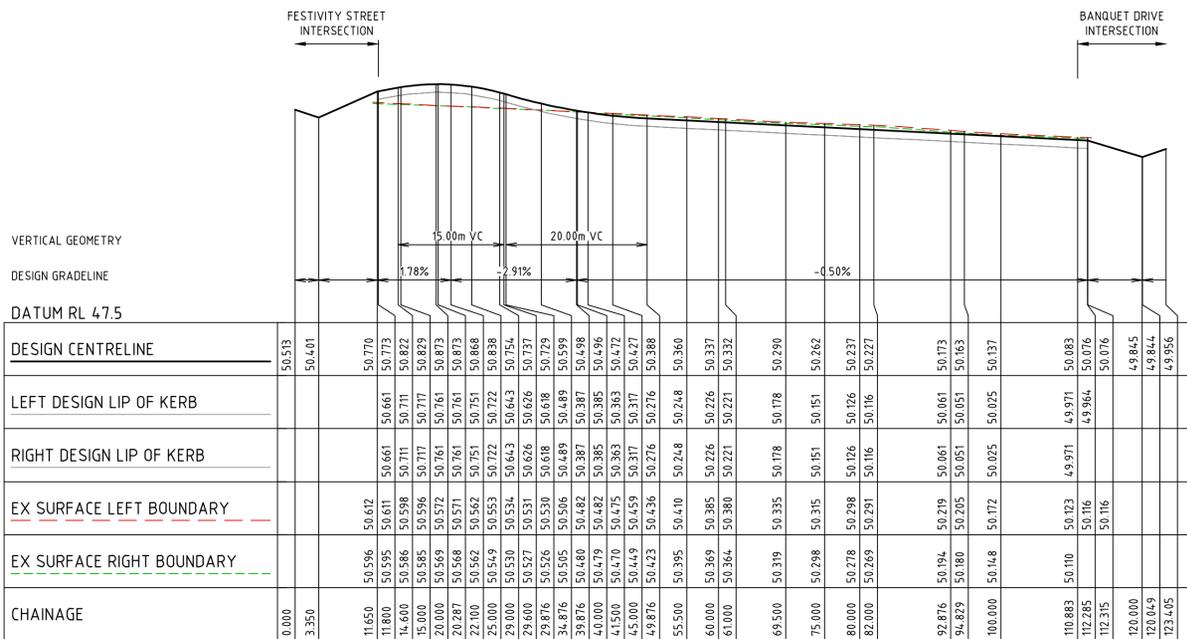
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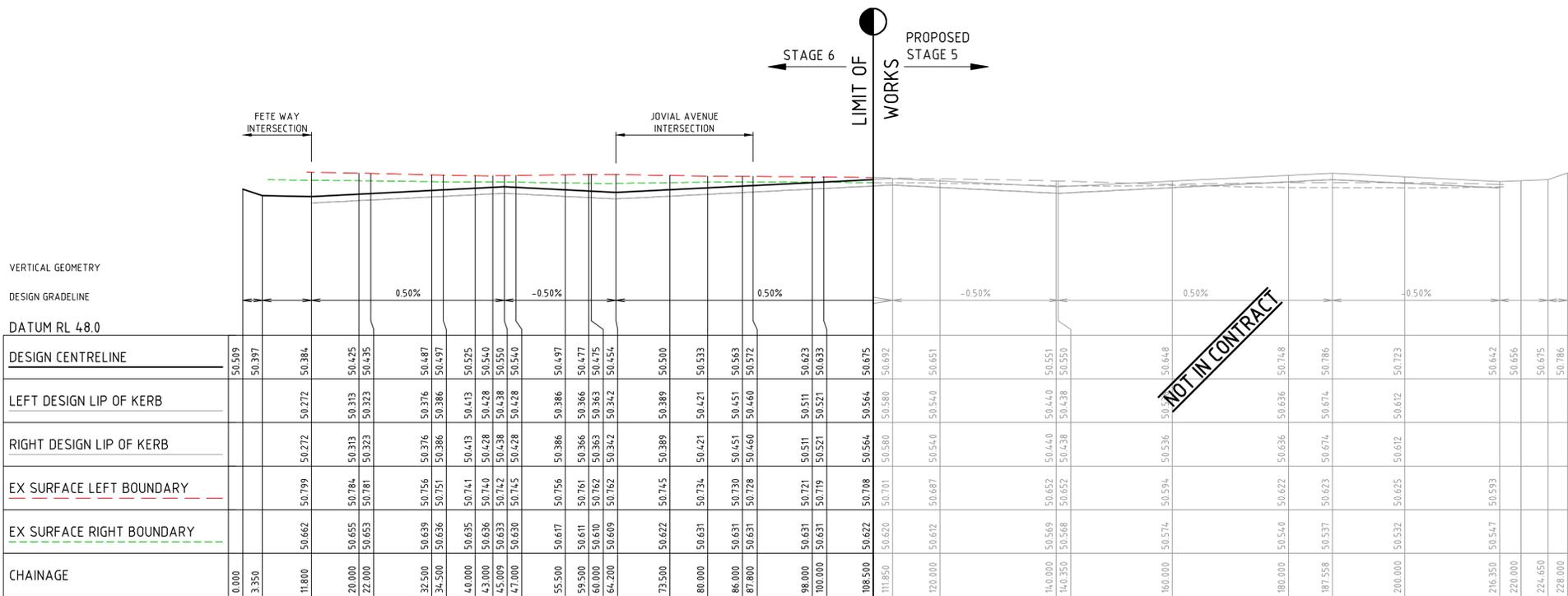
**NEWHAVEN
STAGE 6**
ROAD LONGITUDINAL SECTIONS
FETE WAY AND VOYAGER BOULEVARD
WYNDAM CITY COUNCIL
PEET 1985 PTY LTD

AS CONSTRUCTED Drg No **303438CR300** Rev **1**

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JOVIAL AVENUE



FESTIVITY STREET

1	AS CONSTRUCTED	MH	21-01-19
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A	ISSUED FOR APPROVAL	JS	07-09-17
Rev	Amendments	Approved	Date

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SCALE @ A1
V 1:50

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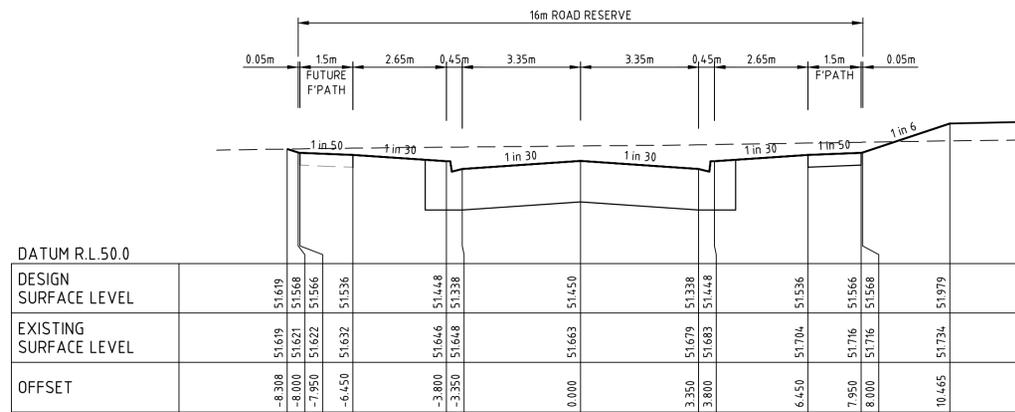
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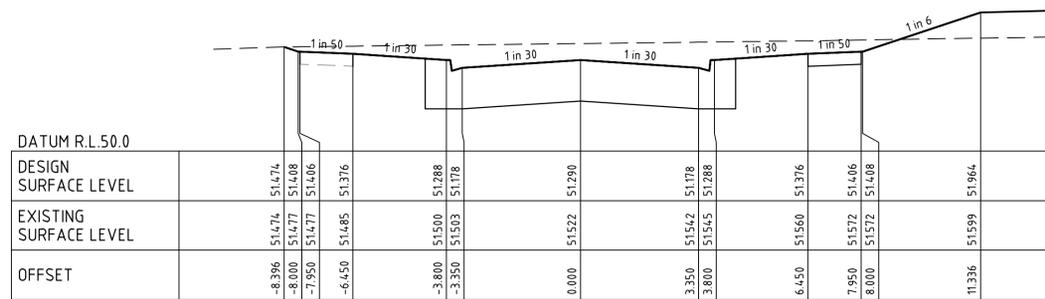
NEWHAVEN
STAGE 6
ROAD LONGITUDINAL SECTIONS
JOVIAL AVENUE AND FESTIVITY STREET
WYNDAM CITY COUNCIL
PEET 1985 PTY LTD

AS CONSTRUCTED Drg No **303438CR301** Rev **1**



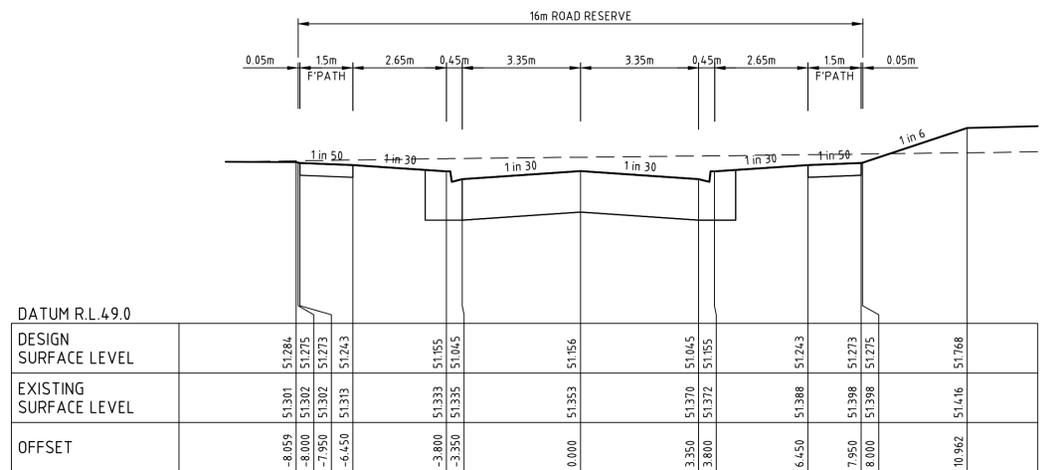
VOYAGER BOULEVARD

CH 274.87



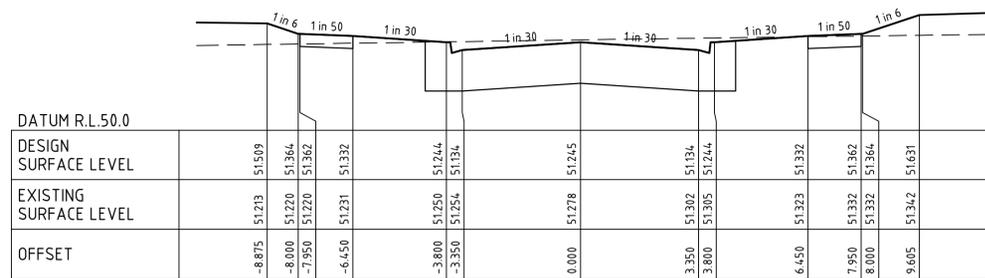
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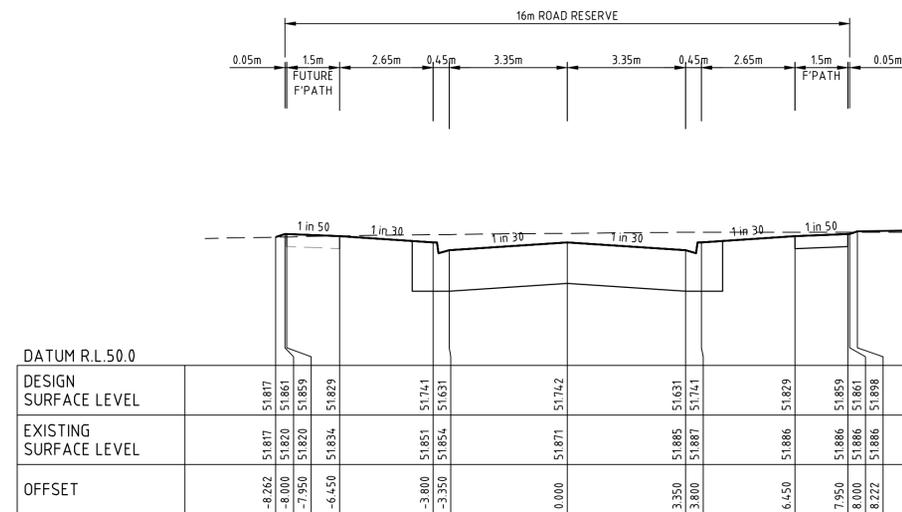
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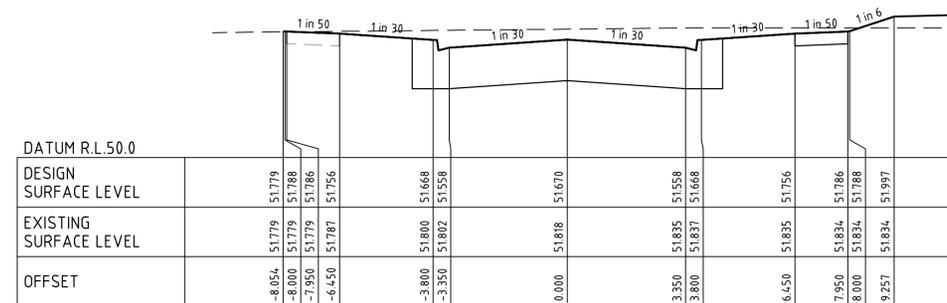
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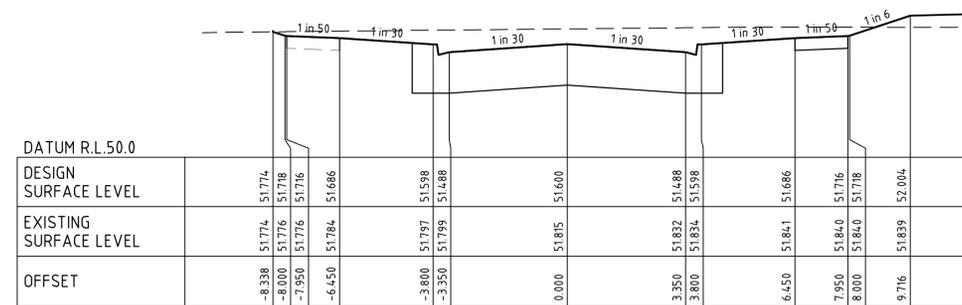
VOYAGER BOULEVARD

CH 346.87



VOYAGER BOULEVARD

CH 318.87



VOYAGER BOULEVARD

CH 304.87

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Rev	Amendments	Approved	Date
1	AS CONSTRUCTED	MH	21-01-19
0	ISSUED FOR CONSTRUCTION	JS	18-12-17
B	FUTURE FOOTPATH AMENDED	JS	09-10-17
A	ISSUED FOR APPROVAL	JS	07-09-17



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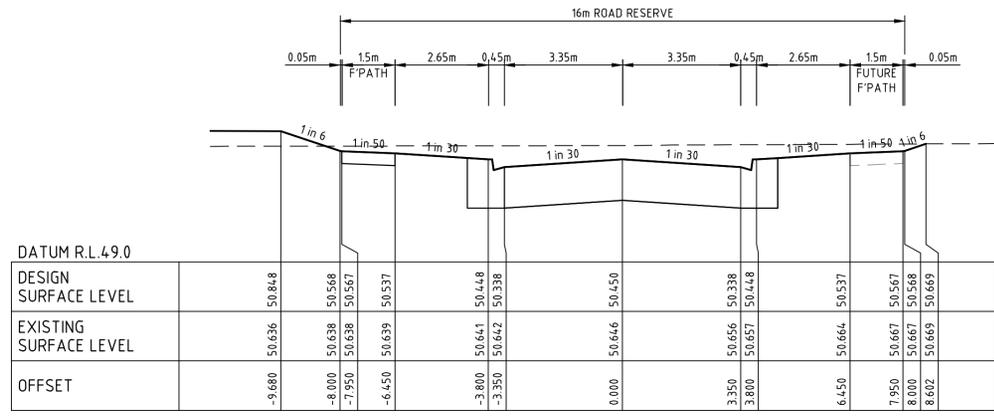


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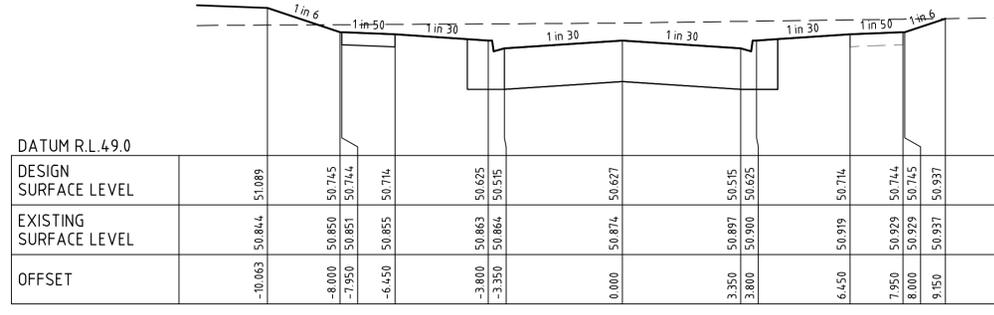
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**NEWHAVEN
STAGE 6
ROAD CROSS SECTIONS
VOYAGER BOULEVARD**
WYNDAM CITY COUNCIL
PEET 1985 PTY LTD

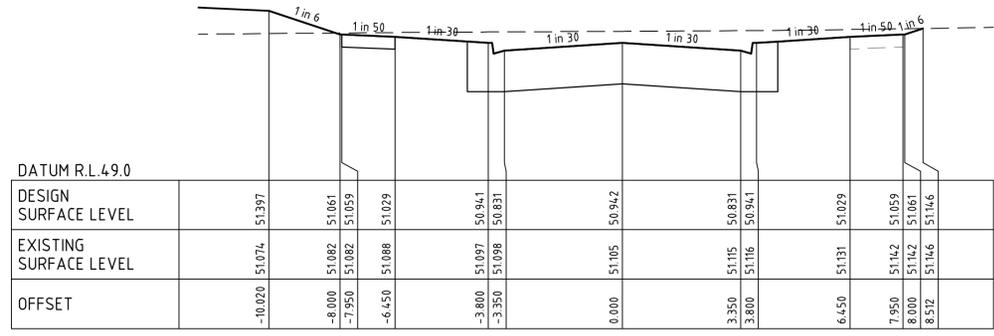
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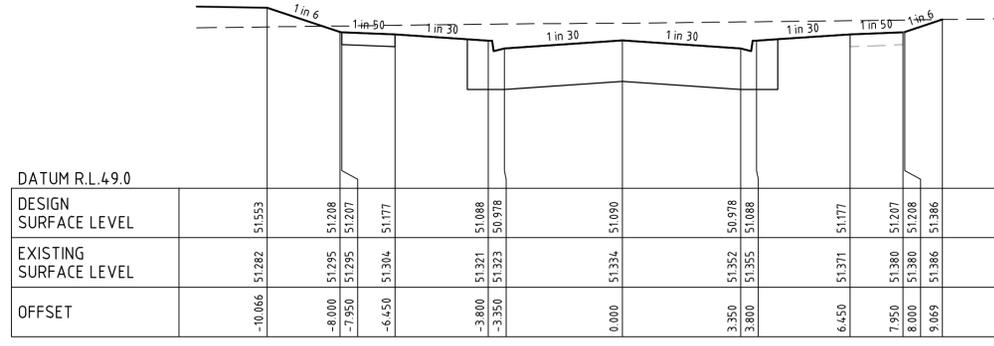
FETE WAY CH 83.80



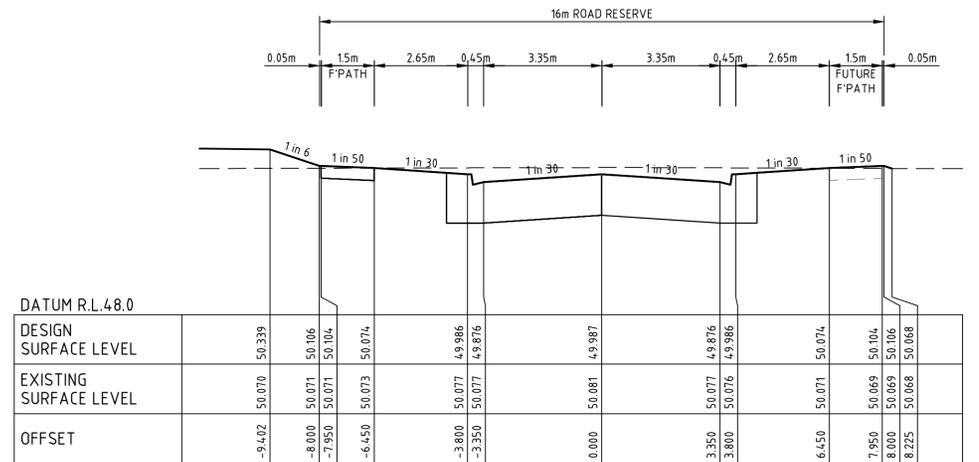
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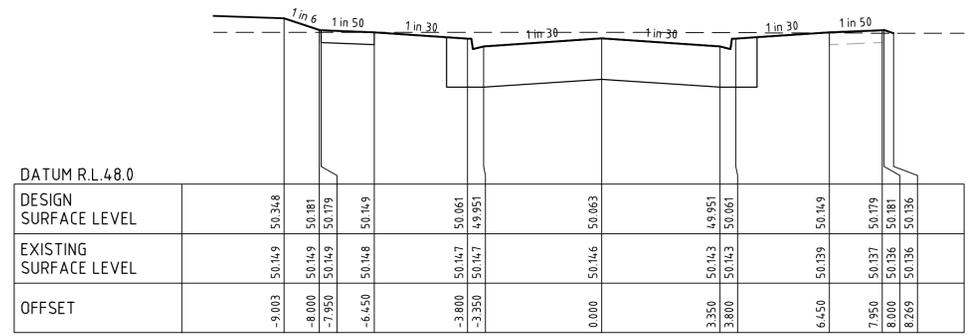
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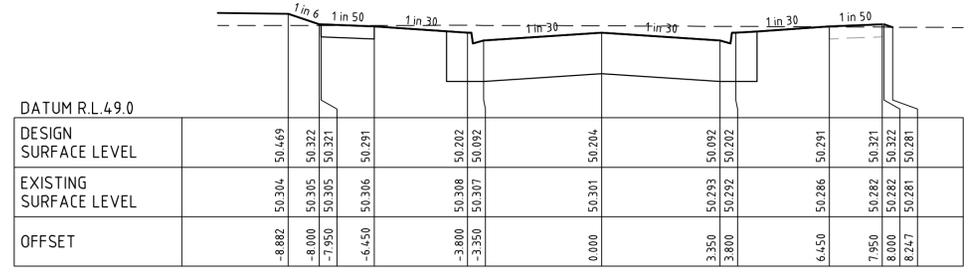
FETE WAY CH 11.80



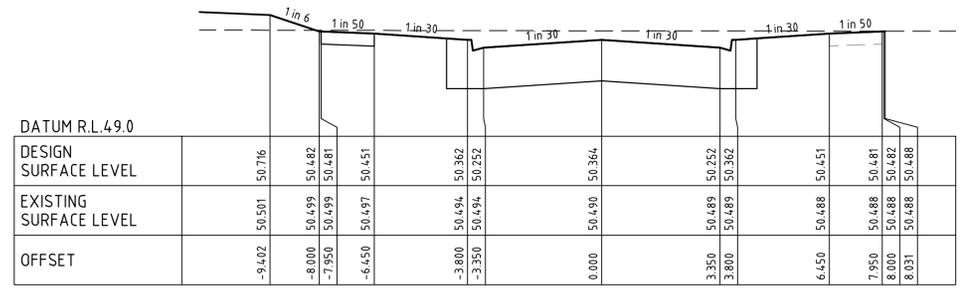
FETE WAY CH 176.37



FETE WAY CH 161.31



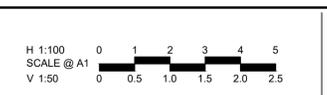
FETE WAY CH 133.00



FETE WAY CH 101.00

file name: 303438CR401.dwg, layout: name: CR401, plotted by: Kirsteen Ewart-Watson, file location: G:\303438CR401\A1.dwg, plot date: 22/01/2019 10:39 AM, sheet: 8 of 19, sheets

1	AS CONSTRUCTED	MH	21-01-19
0	ISSUED FOR CONSTRUCTION	JS	18-12-17
B	FUTURE FOOTPATH AMENDED	JS	09-10-17
A	ISSUED FOR APPROVAL	JS	07-09-17
Rev	Amendments	Approved	Date



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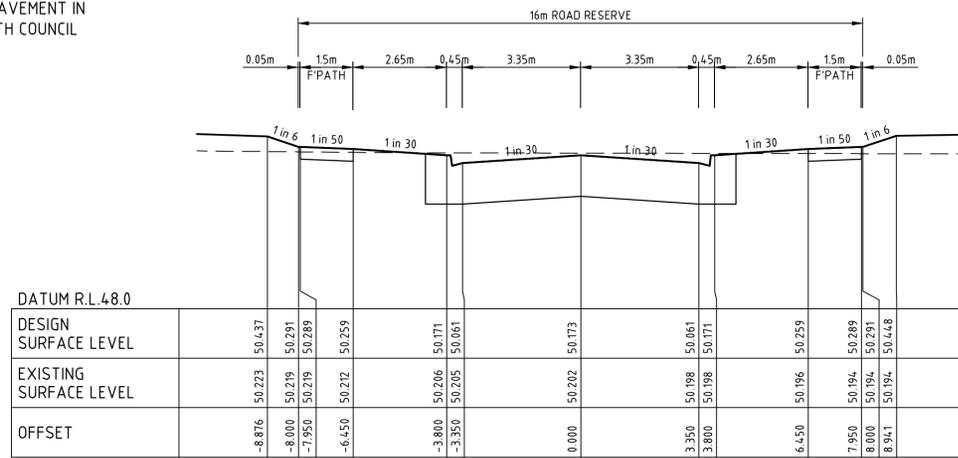


Designed
W. ONG
Authorised
J. SPENCER
Checked
B. IBBS
Date
18-12-17

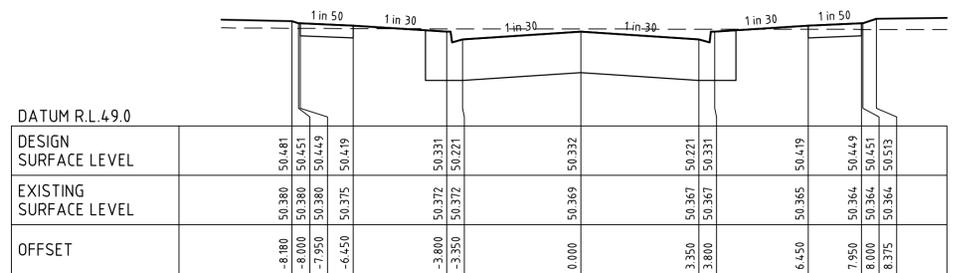
NEWHAVEN
STAGE 6
ROAD CROSS SECTIONS
FETE WAY
WYNDAM CITY COUNCIL
PEET 1985 PTY LTD
AS CONSTRUCTED Drg No 303438CR401 Rev 1



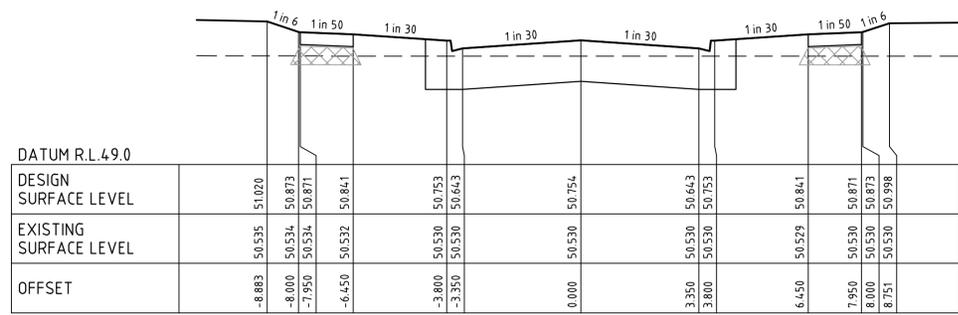
FILLING UNDER PAVEMENT IN ACCORDANCE WITH COUNCIL REQUIREMENTS



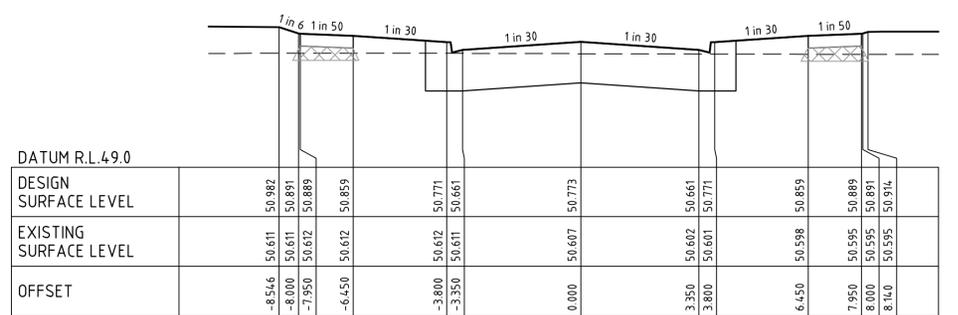
JOVIAL AVENUE CH 92.88



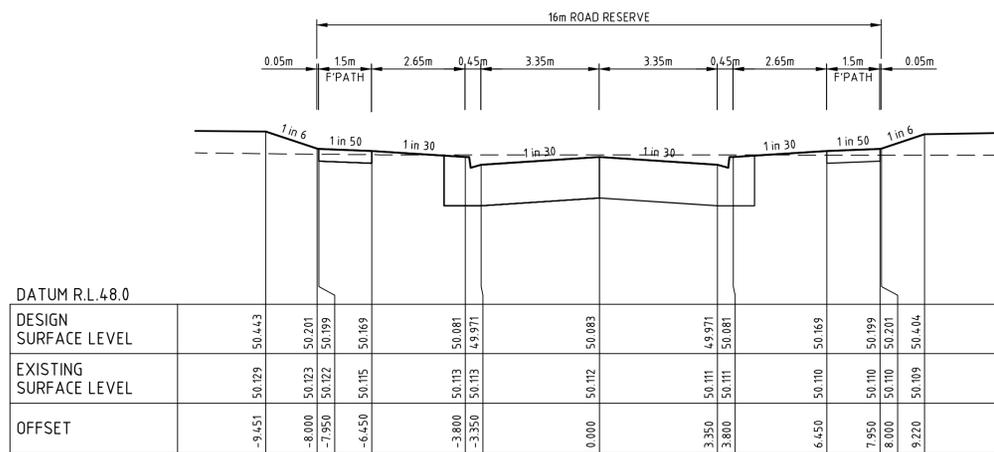
JOVIAL AVENUE CH 61.00



JOVIAL AVENUE CH 29.00



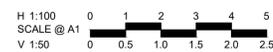
JOVIAL AVENUE CH 11.80



JOVIAL AVENUE CH 110.88

file name: 303438CR403.dwg, location: temp, CR403, plot date: 22/07/2019 10:39 AM, sheet: 10 of 19 sheets

Rev	Amendments	Approved	Date
1	AS CONSTRUCTED	MH	21-01-19
0	ISSUED FOR CONSTRUCTION	JS	18-12-17
A	ISSUED FOR APPROVAL	JS	07-09-17



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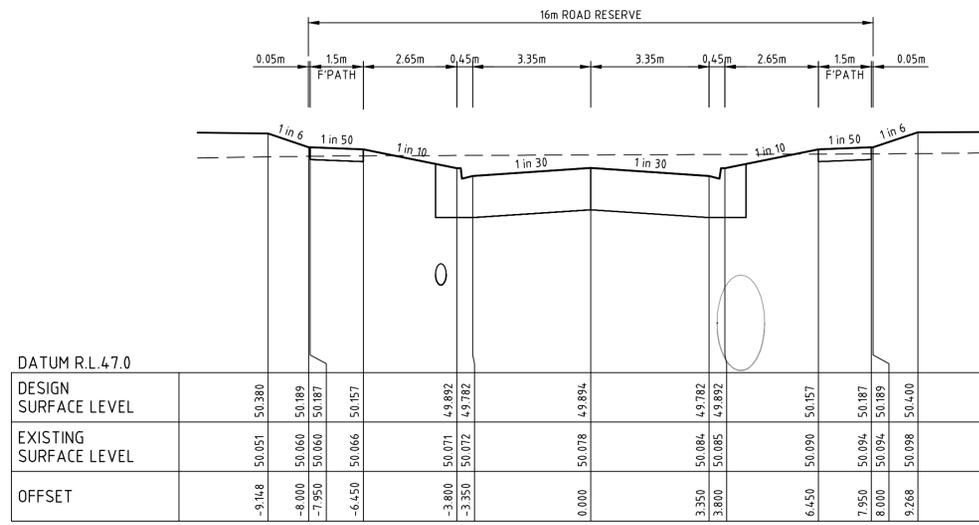
Checked
B. IBBS
Date
18-12-17

**NEWHAVEN
STAGE 6
ROAD CROSS SECTIONS
JOVIAL AVENUE**
WYNDAM CITY COUNCIL
PEET 1985 PTY LTD

AS CONSTRUCTED Drg No **303438CR403** Rev **1**



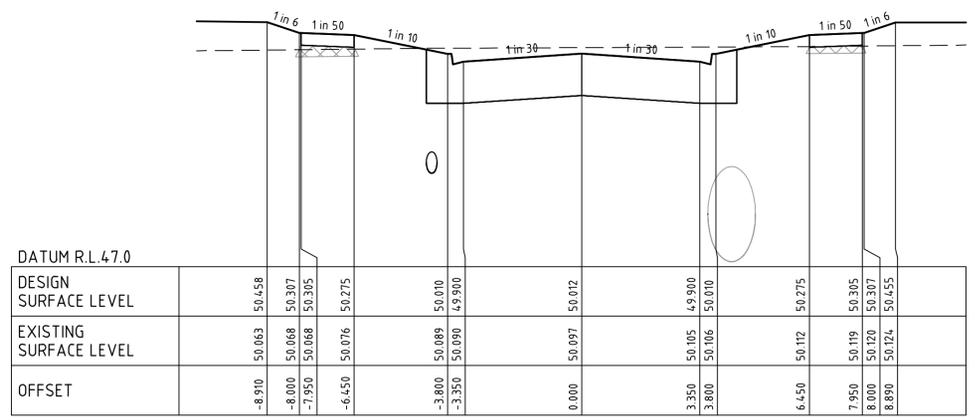
FILLING UNDER PAVEMENT IN ACCORDANCE WITH COUNCIL REQUIREMENTS



DATUM R.L. 47.0

DESIGN SURFACE LEVEL	EXISTING SURFACE LEVEL	OFFSET
50.380	50.051	-9.148
50.189	50.060	-8.000
50.187	50.060	-7.950
50.157	50.066	-6.450
49.892	50.071	-3.800
49.782	50.072	-3.350
49.894	50.078	0.000
49.782	50.084	3.350
49.892	50.085	3.800
50.157	50.090	6.450
50.187	50.094	7.950
50.189	50.094	8.000
50.400	50.098	9.268

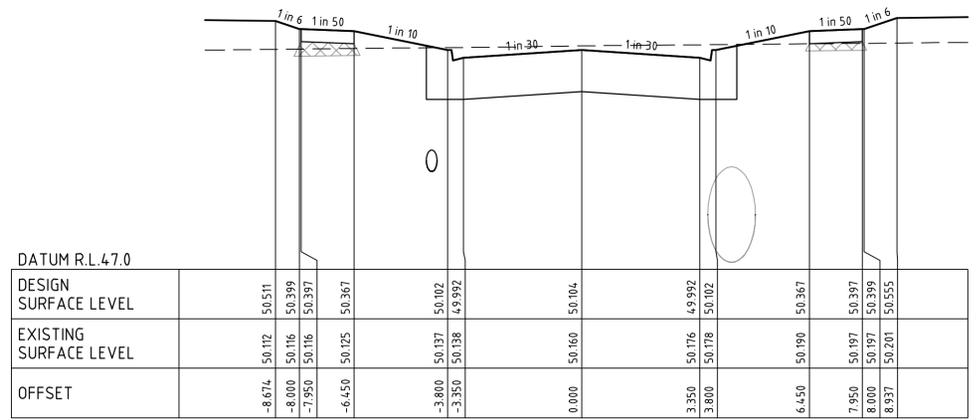
BANQUET DRIVE CH 88.66



DATUM R.L. 47.0

DESIGN SURFACE LEVEL	EXISTING SURFACE LEVEL	OFFSET
50.458	50.063	-8.910
50.307	50.068	-8.000
50.305	50.068	-7.950
50.275	50.076	-6.450
49.900	50.089	-3.800
49.900	50.090	-3.350
50.012	50.097	0.000
49.900	50.105	3.350
50.010	50.106	3.800
50.275	50.112	6.450
50.305	50.119	7.950
50.307	50.120	8.000
50.455	50.124	8.890

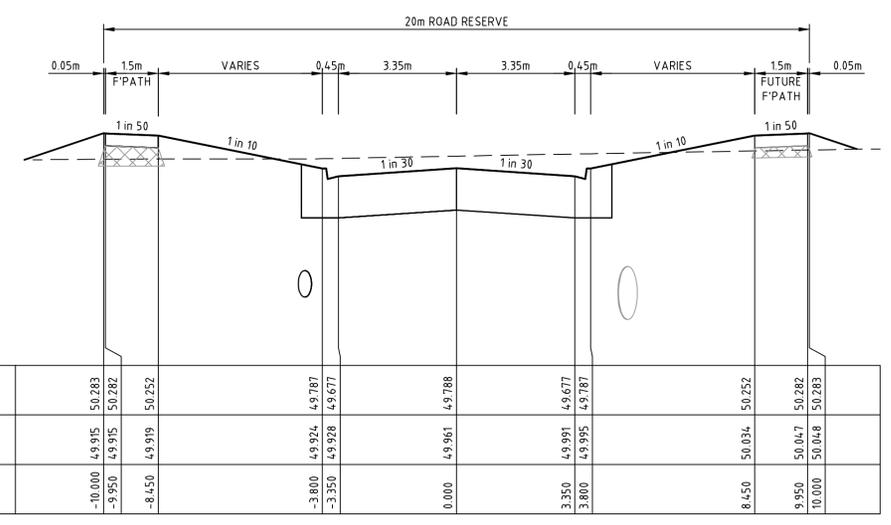
BANQUET DRIVE CH 65.01



DATUM R.L. 47.0

DESIGN SURFACE LEVEL	EXISTING SURFACE LEVEL	OFFSET
50.511	50.112	-8.674
50.399	50.116	-8.000
50.397	50.116	-7.950
50.367	50.125	-6.450
49.992	50.137	-3.800
49.992	50.138	-3.350
50.104	50.160	0.000
49.992	50.176	3.350
50.102	50.178	3.800
50.367	50.190	6.450
50.397	50.197	7.950
50.398	50.197	8.000
50.455	50.201	8.937

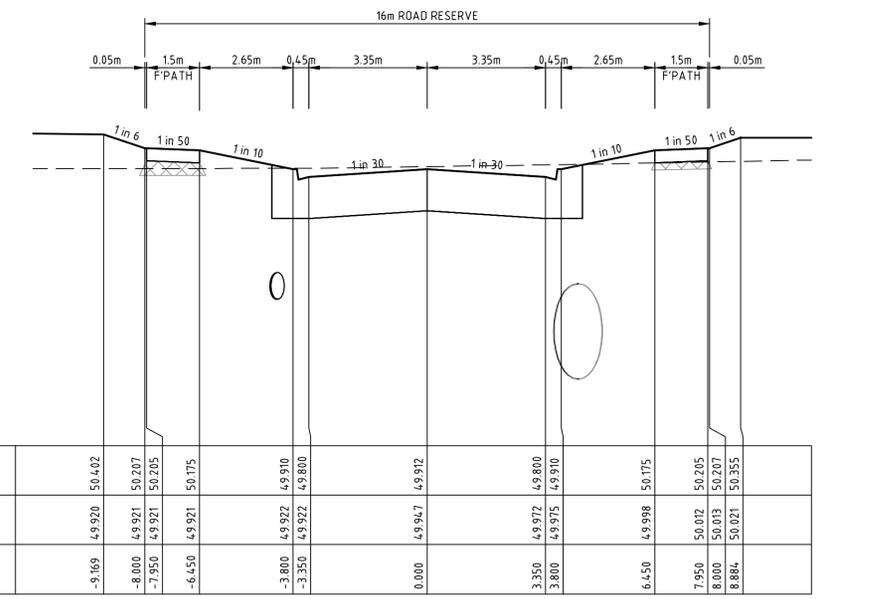
BANQUET DRIVE CH 46.59



DATUM R.L. 47.0

DESIGN SURFACE LEVEL	EXISTING SURFACE LEVEL	OFFSET
50.283	49.915	-10.000
50.282	49.915	-9.950
50.252	49.919	-8.450
49.787	49.924	-3.800
49.677	49.928	-3.350
49.788	49.961	0.000
49.677	49.991	3.350
49.787	49.995	3.800
50.252	50.034	8.450
50.282	50.047	9.950
50.283	50.048	10.000

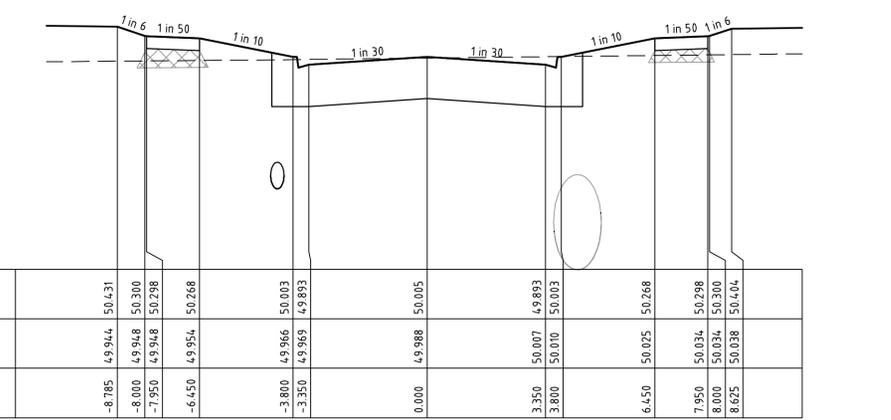
BANQUET DRIVE CH 165.02



DATUM R.L. 46.0

DESIGN SURFACE LEVEL	EXISTING SURFACE LEVEL	OFFSET
50.402	49.920	-9.169
50.207	49.921	-8.000
50.205	49.921	-7.950
50.175	49.921	-6.450
49.910	49.922	-3.800
49.800	49.922	-3.350
49.912	49.947	0.000
49.800	49.972	3.350
49.910	49.975	3.800
50.175	49.998	6.450
50.205	50.012	7.950
50.207	50.013	8.000
50.455	50.021	8.884

BANQUET DRIVE CH 140.70



DATUM R.L. 47.0

DESIGN SURFACE LEVEL	EXISTING SURFACE LEVEL	OFFSET
50.431	49.944	-8.785
50.300	49.948	-8.000
50.298	49.948	-7.950
50.268	49.954	-6.450
50.003	49.966	-3.800
49.893	49.969	-3.350
50.005	49.988	0.000
49.893	50.007	3.350
50.003	50.010	3.800
50.268	50.025	6.450
50.298	50.034	7.950
50.300	50.034	8.000
50.404	50.038	8.625

BANQUET DRIVE CH 110.93

file name: 303438CR404.dwg, layout: name: CR404, plot date: 22/01/2019 10:39 AM, sheet: 11 of 19 Sheets

Rev	Amendments	Approved	Date
1	AS CONSTRUCTED	MH	21-01-19
0	ISSUED FOR CONSTRUCTION	JS	18-12-17
A	ISSUED FOR APPROVAL	JS	07-09-17

H 1:100
SCALE @ A1
V 1:50

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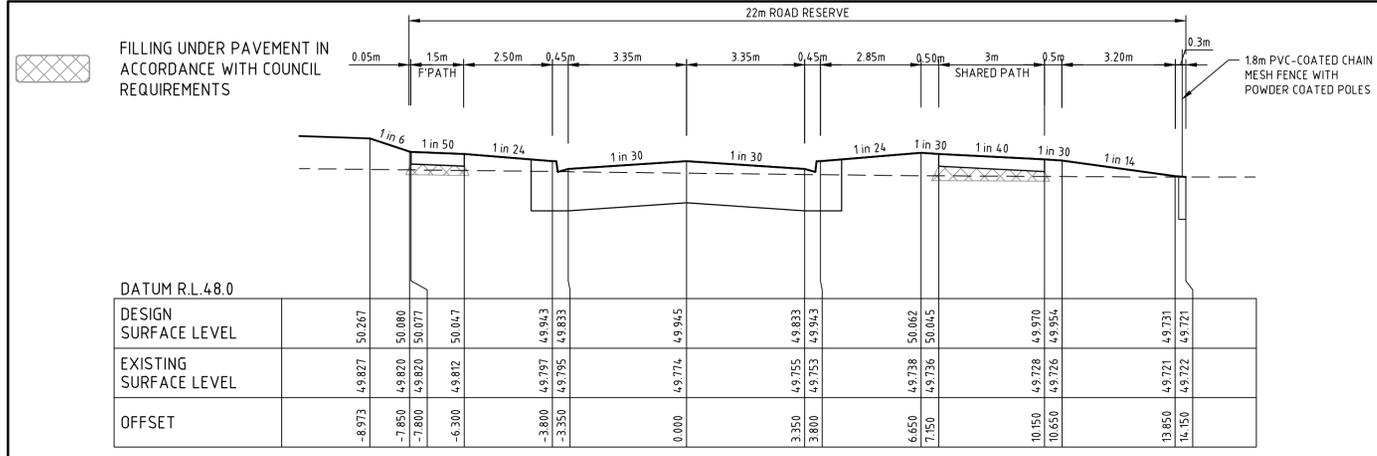
469 La Trobe Street PO Box 16084 Melbourne
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Designed
W. ONG
Authorised
J. SPENCER

Checked
B. IBBS
Date
18-12-17

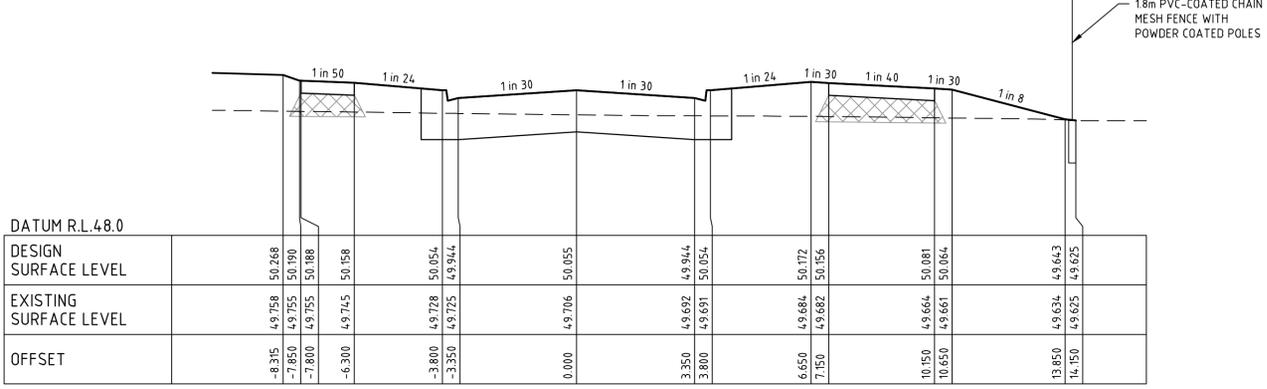
**NEWHAVEN
STAGE 6
ROAD CROSS SECTIONS
BANQUET DRIVE
WYNDAM CITY COUNCIL
PEET 1985 PTY LTD**

AS CONSTRUCTED Drg No **303438CR404** Rev **1**



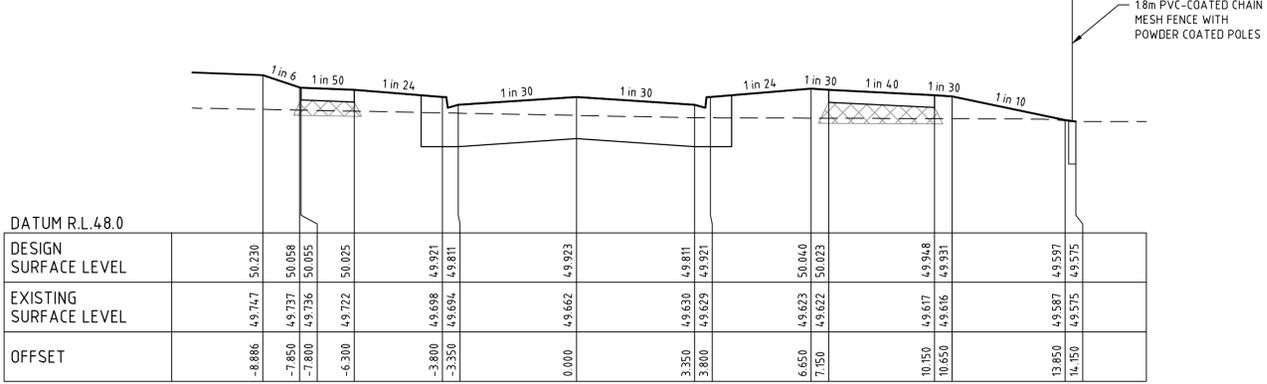
CEREMONY DRIVE

CH 417.93



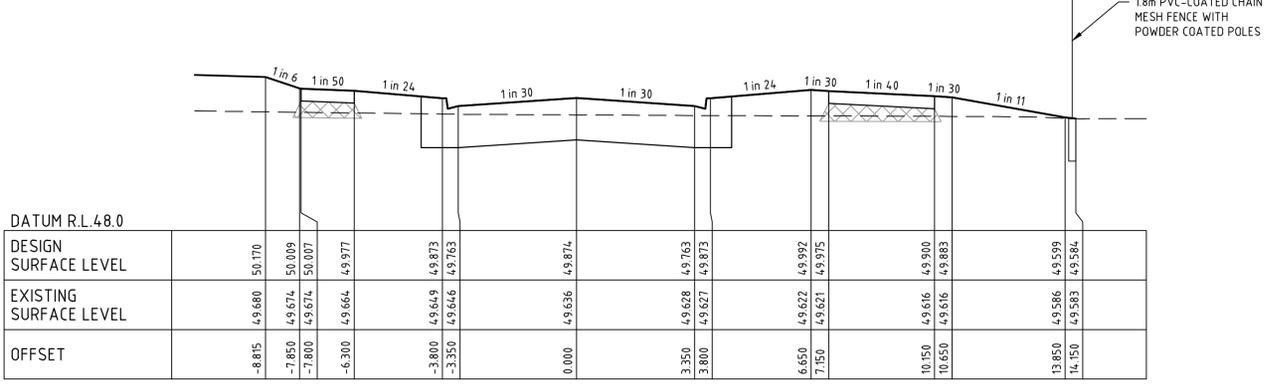
CEREMONY DRIVE

CH 391.43



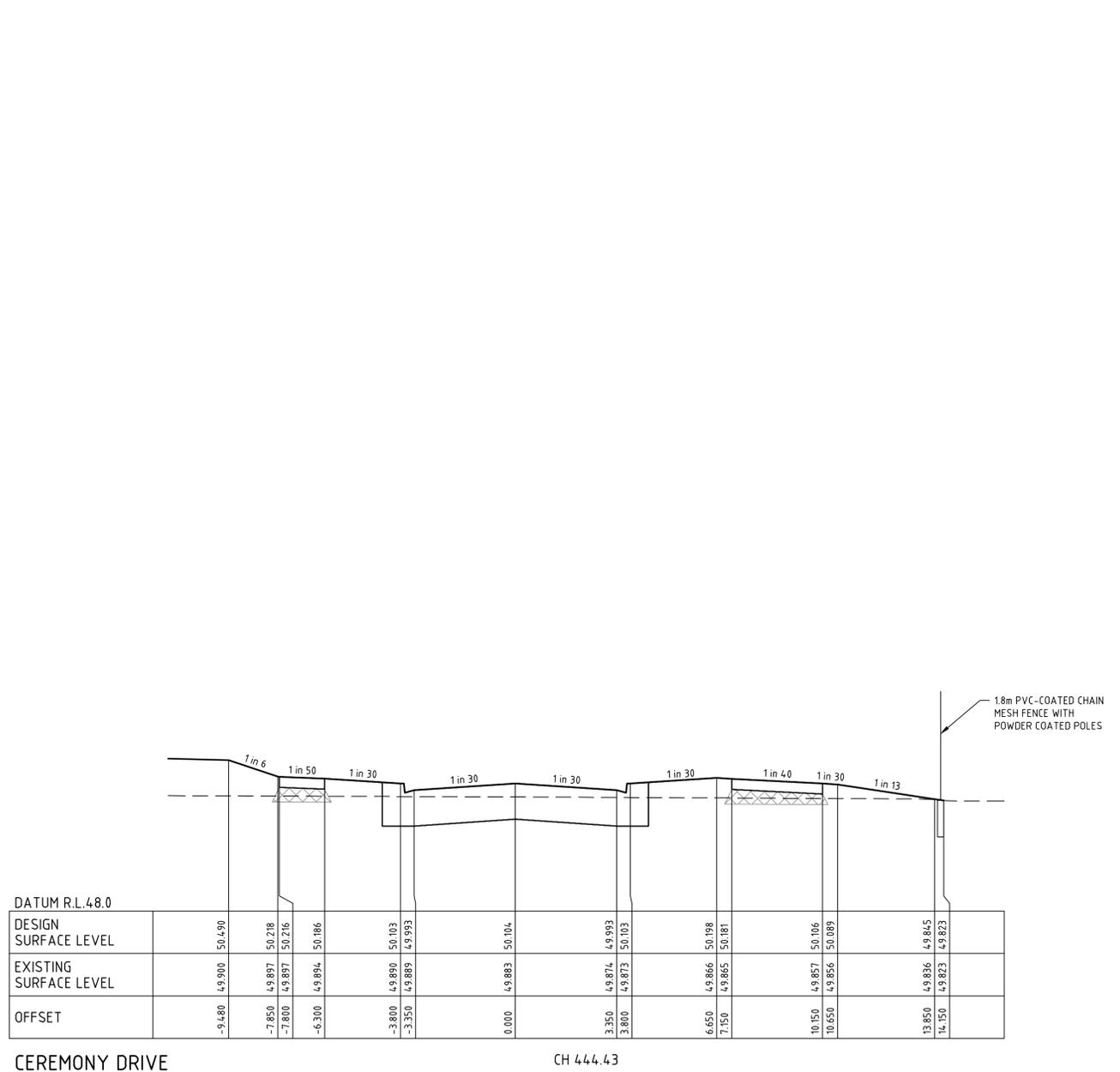
CEREMONY DRIVE

CH 364.93



CEREMONY DRIVE

CH 338.43



CEREMONY DRIVE

CH 444.43

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Rev	Amendments	Approved	Date
2	AS CONSTRUCTED	MH	21-01-19
1	BATTER AMENDED	MH	02-11-18
0	ISSUED FOR CONSTRUCTION	JS	18-12-17
A	ISSUED FOR APPROVAL	JS	07-09-17

H 1:100
SCALE @ A1
V 1:50

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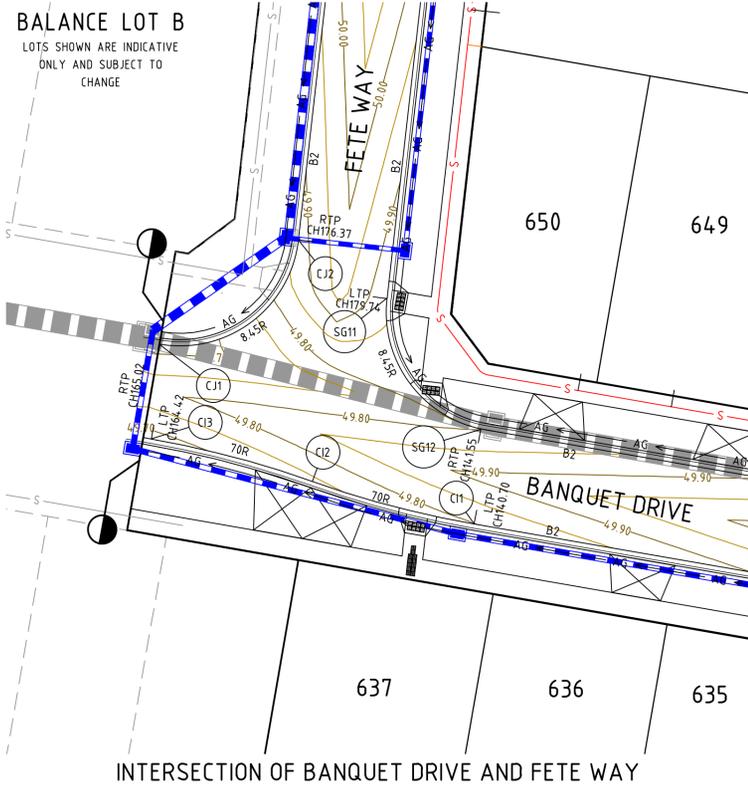
Date
18-12-17

**NEWHAVEN
STAGE 6
ROAD CROSS SECTIONS
CEREMONY DRIVE**
WYNDAM CITY COUNCIL
PEET 1985 PTY LTD

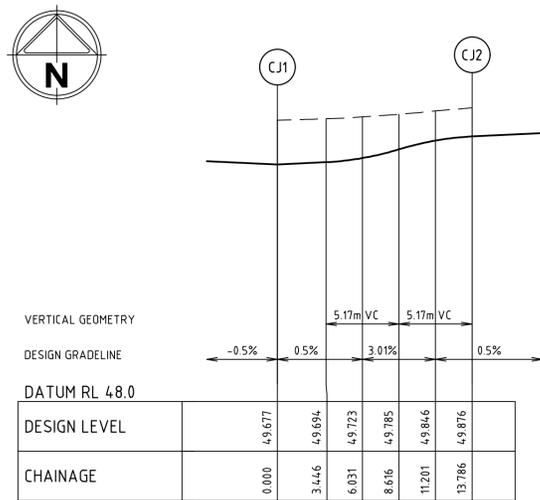
AS CONSTRUCTED

Drg No
303438CR405

Rev
2



INTERSECTION OF BANQUET DRIVE AND FETE WAY

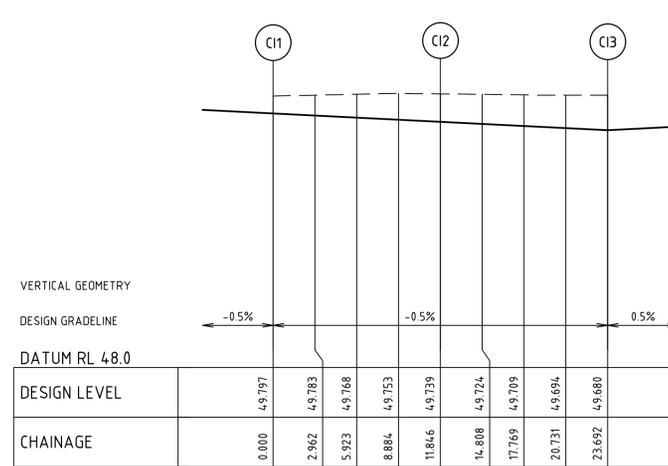


ALIGNMENT CJ

ALIGNMENT CJ

POINT NO	EASTING	NORTHING	RL
CJ1	294.739.453	5810806.191	4.9.677
1/4	294.742.874	5810806.295	4.9.694
1/2	294.745.973	5810807.747	4.9.740
3/4	294.748.242	5810810.310	4.9.829
CJ2	294.749.308	5810813.562	4.9.876

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
CJ1-CJ2	8.450	13.786	12.307	2.659	-0.693

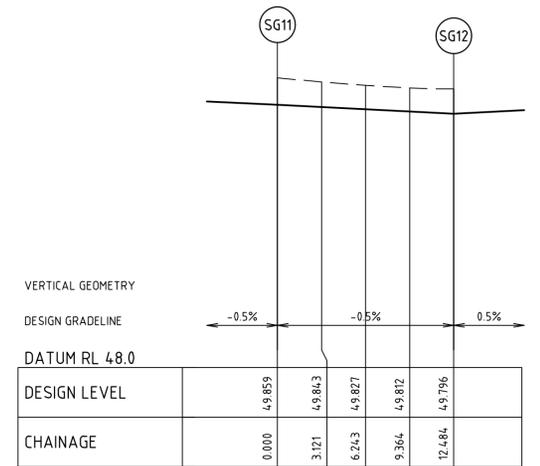


ALIGNMENT CI

ALIGNMENT CI

POINT NO	EASTING	NORTHING	RL
C11	294.761.748	5810793.483	4.9.797
1/4	294.758.842	5810794.052	4.9.783
1/2	294.755.962	5810794.743	4.9.768
3/4	294.753.115	5810795.556	4.9.753
C12	294.750.304	5810796.488	4.9.739
1/4	294.747.493	5810797.420	4.9.724
1/2	294.744.646	5810798.233	4.9.709
3/4	294.741.766	5810798.924	4.9.694
C13	294.738.860	5810799.493	4.9.680

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
C11-C12	70.000	11.846	11.832	0.250	0.063
C12-C13	70.000	11.846	11.832	0.250	-0.063

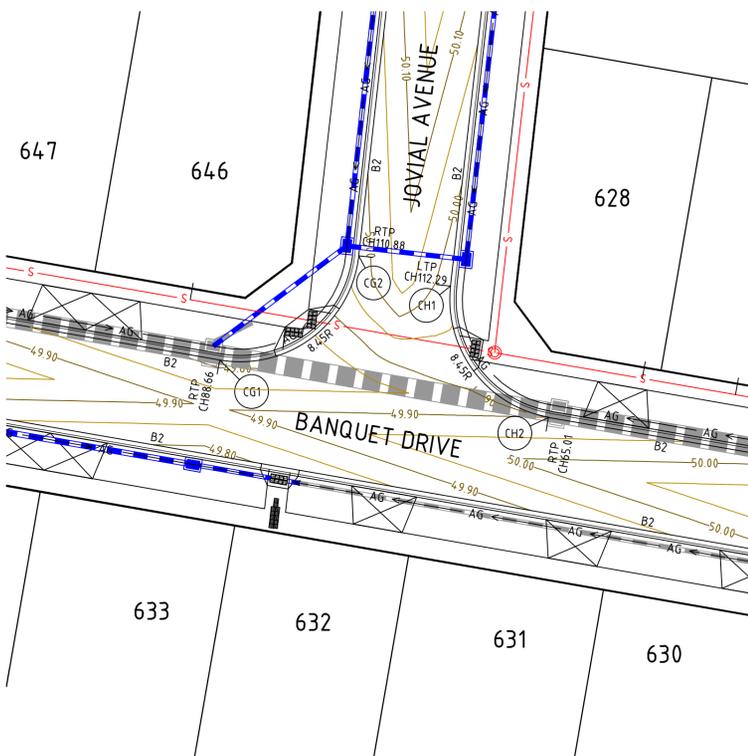


ALIGNMENT SG1

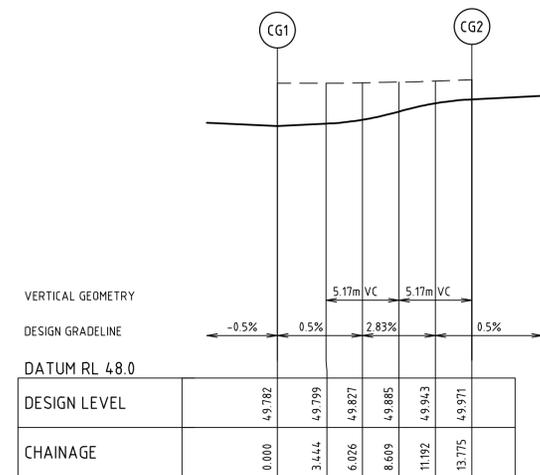
ALIGNMENT SG1

POINT NO	EASTING	NORTHING	RL
SG11	294.755.585	5810809.457	4.9.859
1/4	294.755.808	5810806.362	4.9.843
1/2	294.757.134	5810803.555	4.9.827
3/4	294.759.383	5810801.417	4.9.812
SG12	294.762.252	5810800.234	4.9.796

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
SG11-SG12	8.450	12.485	11.380	2.203	-0.570



INTERSECTION OF BANQUET DRIVE AND JOVIAL AVENUE

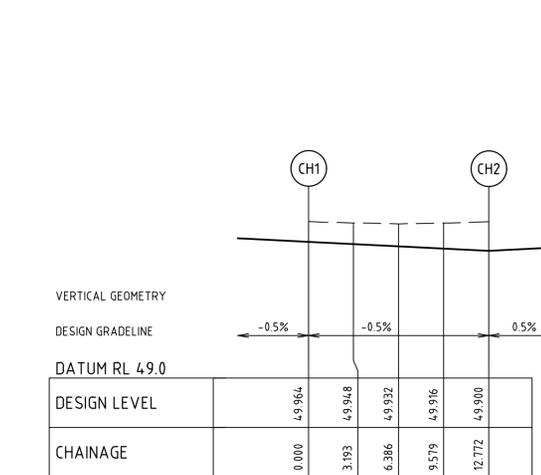


ALIGNMENT CG

ALIGNMENT CG

POINT NO	EASTING	NORTHING	RL
CG1	294.814.246	5810791.153	4.9.782
1/4	294.817.664	5810791.261	4.9.799
1/2	294.820.760	5810792.715	4.9.843
3/4	294.823.025	5810795.276	4.9.927
CG2	294.824.090	5810798.526	4.9.971

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
CG1-CG2	8.450	13.775	12.299	2.655	-0.692

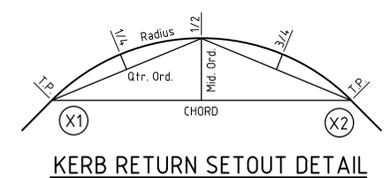


ALIGNMENT CH

ALIGNMENT CH

POINT NO	EASTING	NORTHING	RL
CH1	294.830.590	5810796.378	4.9.964
1/4	294.830.831	5810793.214	4.9.948
1/2	294.832.223	5810790.361	4.9.932
3/4	294.834.569	5810788.223	4.9.916
CH2	294.837.538	5810787.102	4.9.900

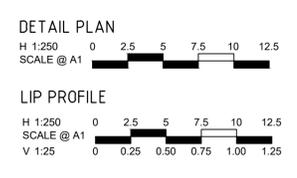
CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
CH1-CH2	8.450	12.772	11.590	2.300	-0.596



KERB RETURN SETOUT DETAIL

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Rev	Amendments	Approved	Date
1	AS CONSTRUCTED	MH	21-01-19
0	ISSUED FOR CONSTRUCTION	JS	18-12-17
B	FUTURE FOOTPATH & BALANCE LOT NOTE ADDED	JS	09-10-17
A	ISSUED FOR APPROVAL	JS	07-09-17



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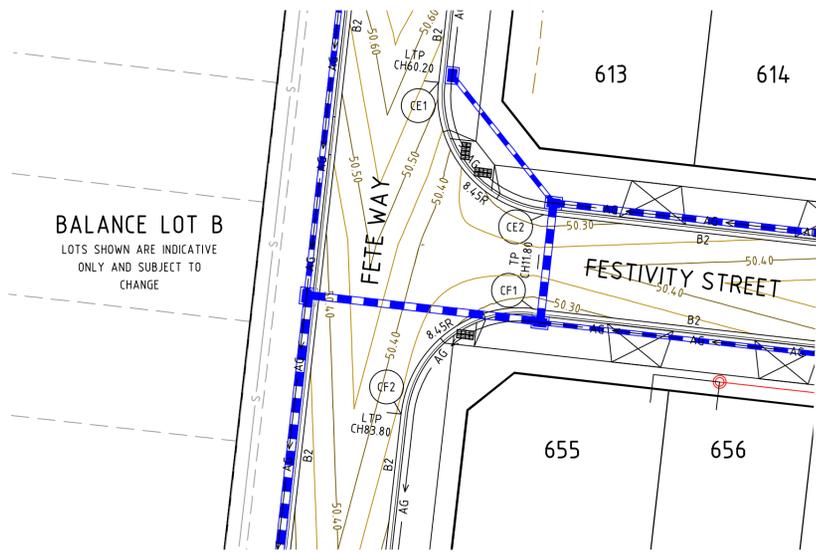
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Designed
W. ONG
Authorised
J. SPENCER

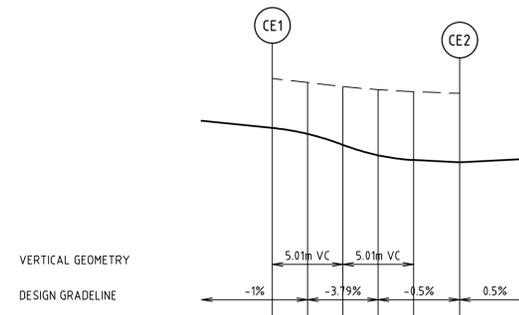
Checked
B. IBBS
Date
18-12-17

**NEWHAVEN
STAGE 6
INTERSECTION DETAILS
SHEET 1 OF 2**
WYNDAM CITY COUNCIL
PEET 1985 PTY LTD

AS CONSTRUCTED Drg No **303438CR500** Rev **1**



INTERSECTION OF FETE WAY AND FESTIVITY STREET



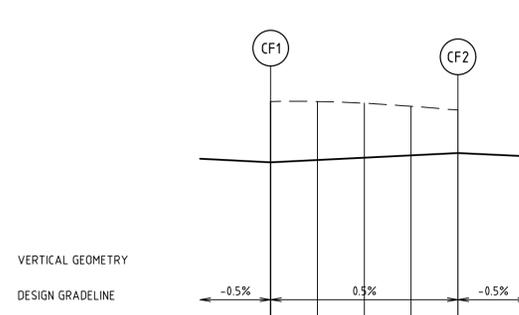
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CHAINAGE	0.000	2.503	5.007	7.510	10.014	13.273

ALIGNMENT CE

ALIGNMENT CE

POINT NO	EASTING	NORTHING	RL
CE1	294.769.048	5810928.233	50.515
1/4	294.769.323	5810924.948	50.453
1/2	294.770.835	5810922.018	50.343
3/4	294.773.352	5810919.889	50.289
CE2	294.776.493	5810918.885	50.272

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
CE1-CE2	8.450	13.273	11.950	2.475	-0.643



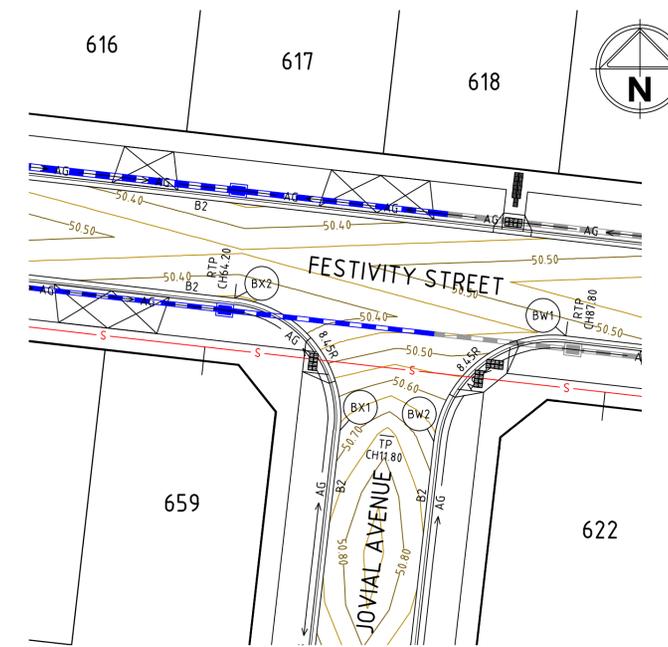
DESIGN LEVEL	0.000	3.318	6.637	9.955	13.273
CHAINAGE	0.000	3.318	6.637	9.955	13.273

ALIGNMENT CF

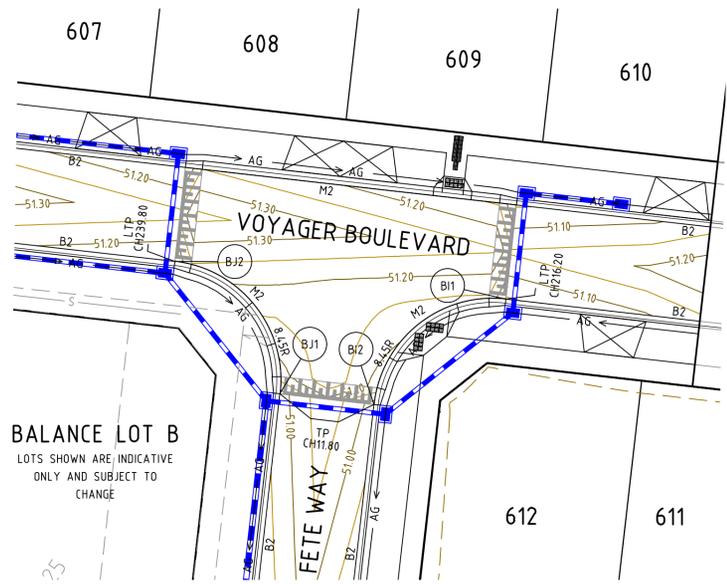
ALIGNMENT CF

POINT NO	EASTING	NORTHING	RL
CF1	294.775.738	5810912.228	50.272
1/4	294.772.453	5810911.953	50.289
1/2	294.769.522	5810910.442	50.305
3/4	294.767.394	5810907.924	50.322
CF2	294.766.390	5810904.783	50.338

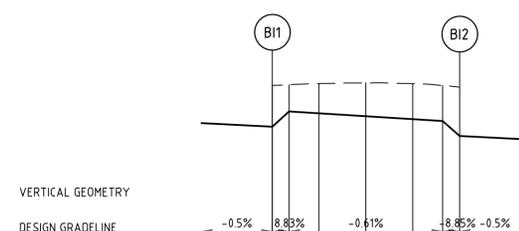
CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
CF1-CF2	8.450	13.273	11.950	2.475	-0.643



INTERSECTION OF FESTIVITY STREET AND JOVIAL AVENUE



INTERSECTION OF VOYAGER BOULEVARD AND FETE WAY



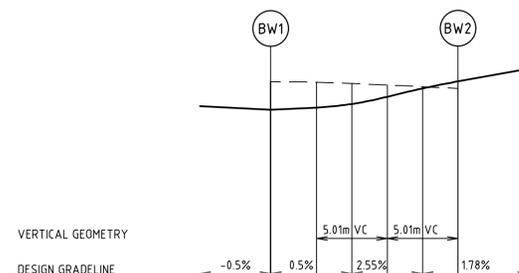
DESIGN LEVEL	0.000	51.045	51.151	51.138	51.117	51.097	51.084	50.978
CHAINAGE	0.000	1.200	3.318	6.637	9.955	12.073	13.273	13.273

ALIGNMENT BI

ALIGNMENT BI

POINT NO	EASTING	NORTHING	RL
BI1	294.783.847	5810983.770	51.045
1/4	294.780.562	5810983.495	51.138
1/2	294.777.631	5810981.984	51.117
3/4	294.775.503	5810979.466	51.097
BI2	294.774.499	5810976.325	50.978

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
BI1-BI2	8.450	13.273	11.950	2.475	-0.643



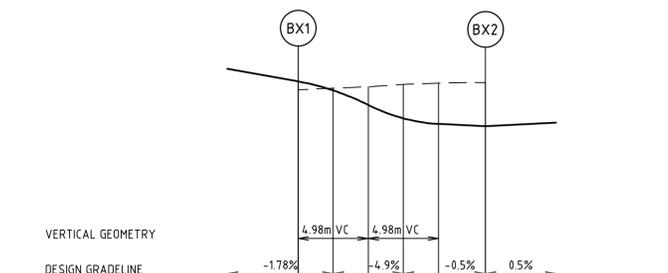
DESIGN LEVEL	0.000	50.460	50.476	50.502	50.553	50.612	50.661
CHAINAGE	0.000	3.259	5.763	8.266	10.770	13.273	13.273

ALIGNMENT BW

ALIGNMENT BW

POINT NO	EASTING	NORTHING	RL
BW1	294.851.255	5810903.668	50.460
1/4	294.847.969	5810903.394	50.477
1/2	294.845.039	5810901.882	50.517
3/4	294.842.910	5810899.365	50.594
BW2	294.841.907	5810896.224	50.661

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
BW1-BW2	8.450	13.273	11.950	2.475	-0.643



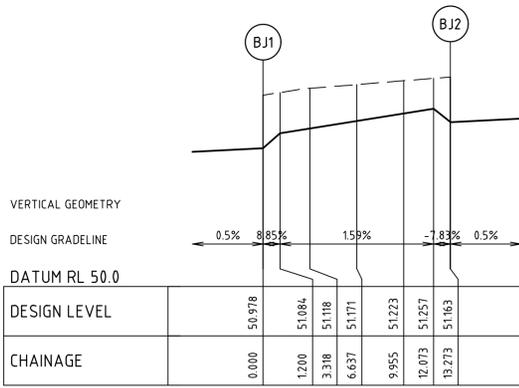
DESIGN LEVEL	0.000	50.661	50.597	50.495	50.400	50.360	50.344
CHAINAGE	0.000	2.489	4.977	7.466	9.955	13.273	13.273

ALIGNMENT BX

ALIGNMENT BX

POINT NO	EASTING	NORTHING	RL
BX1	294.835.249	5810896.979	50.661
1/4	294.834.974	5810900.264	50.567
1/2	294.833.463	5810903.194	50.426
3/4	294.830.945	5810905.323	50.360
BX2	294.827.805	5810906.326	50.344

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
BX1-BX2	8.450	13.273	11.950	2.475	-0.643

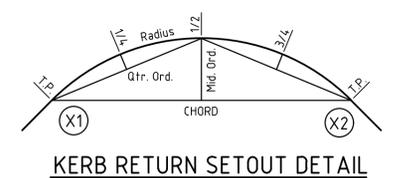


ALIGNMENT BJ

POINT NO	EASTING	NORTHING	RL
BJ1	294.767.842	5810977.080	50.978
1/4	294.767.567	5810980.365	51.118
1/2	294.766.056	5810983.296	51.171
3/4	294.763.538	5810985.425	51.223
BJ2	294.760.397	5810986.428	51.163

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
BJ1-BJ2	8.450	13.273	11.950	2.475	-0.643

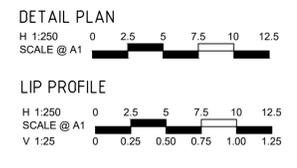
ALIGNMENT BJ



KERB RETURN SETOUT DETAIL

file name: 303438CR501.dwg, layout name: CR501, plotted by: Kirsteen Egan-Watson, file location: G:\303438CR501\DWG\ALAB.dwg, plot date: 22/01/2019 10:39 AM, Sheet 14 of 19 Sheets

Rev	Description	Approved	Date
1	AS CONSTRUCTED	MH	21-01-19
0	ISSUED FOR CONSTRUCTION	JS	18-12-17
B	FUTURE FOOTPATH & BALANCE LOT NOTE ADDED	JS	09-10-17
A	ISSUED FOR APPROVAL	JS	07-09-17
Rev	Amendments	Approved	Date

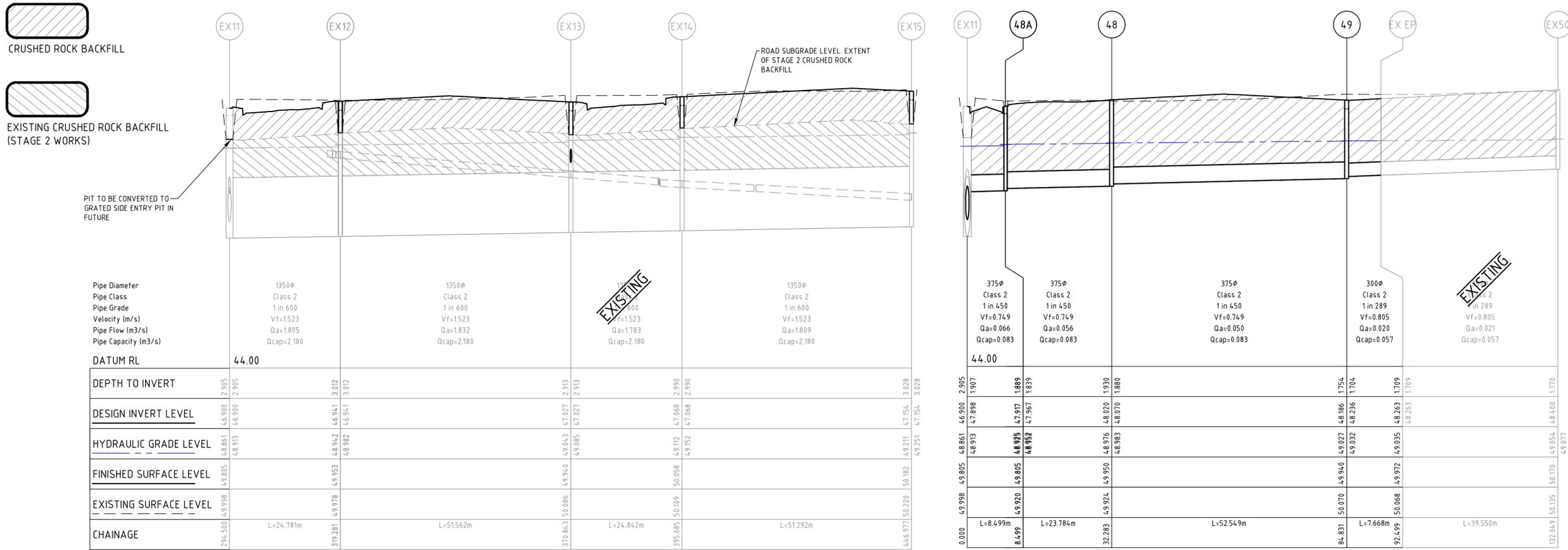


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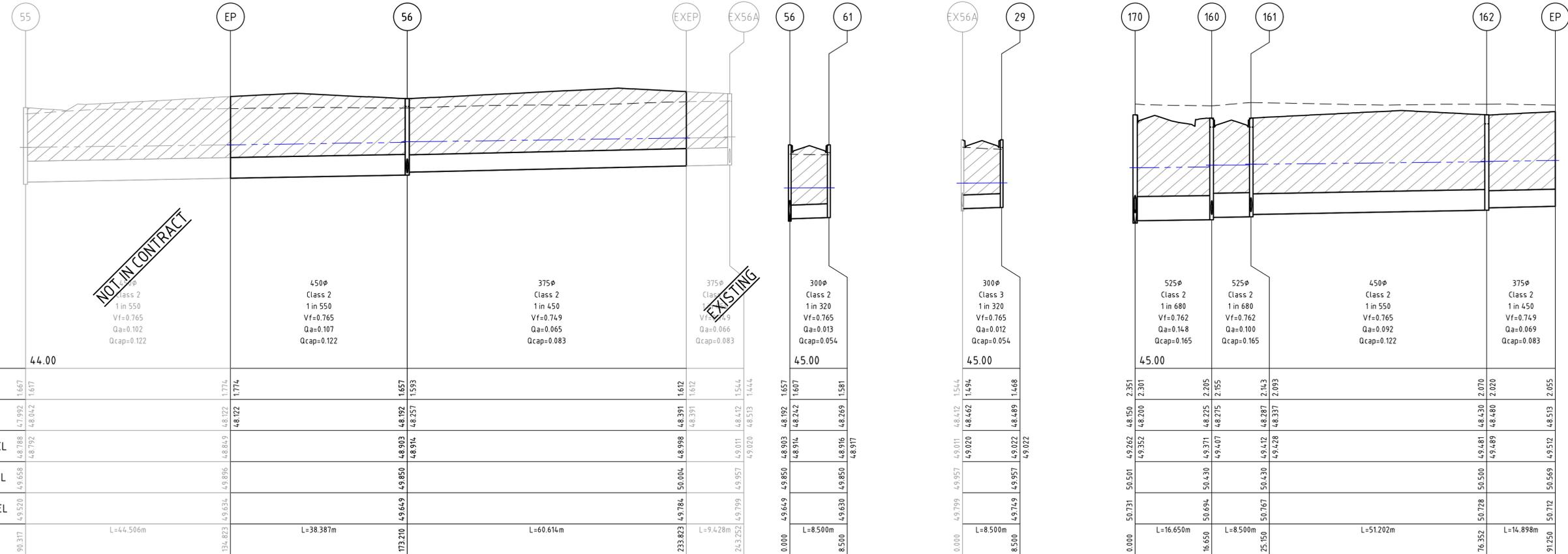
PEET
 Designed
 W. ONG
 Authorised
 J. SPENCER
 Checked
 B. IBBS
 Date
 18-12-17

**NEWHAVEN
 STAGE 6
 INTERSECTION DETAILS
 SHEET 2 OF 2**
 WYNDAM CITY COUNCIL
 PEET 1985 PTY LTD
AS CONSTRUCTED Drg No **303438CR501** Rev **1**



Section	DATUM RL	DEPTH TO INVERT	DESIGN INVERT LEVEL	HYDRAULIC GRADE LEVEL	FINISHED SURFACE LEVEL	EXISTING SURFACE LEVEL	CHAINAGE
EX11	44.00	2.905	46.905	48.861	49.805	49.998	294.500
EX12	44.00	3.012	46.988	48.942	49.953	49.978	319.281
EX13	EXISTING	2.913	47.027	49.043	49.940	50.086	370.843
EX14	44.00	2.990	47.068	49.112	50.058	50.109	395.685
EX15	44.00	3.028	47.154	49.251	50.182	50.220	446.977

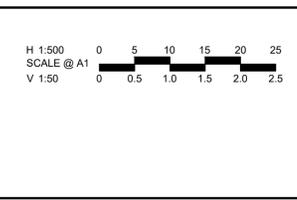
Section	DATUM RL	DEPTH TO INVERT	DESIGN INVERT LEVEL	HYDRAULIC GRADE LEVEL	FINISHED SURFACE LEVEL	EXISTING SURFACE LEVEL	CHAINAGE
EX11	44.00	1.907	47.898	48.851	49.805	49.998	0.000
48A	44.00	1.889	47.917	48.876	49.805	49.920	8.499
48	44.00	1.880	48.020	48.976	49.950	49.924	32.283
49	44.00	1.754	48.236	49.027	49.940	50.070	84.831
EX EP	44.00	1.709	48.263	49.035	49.972	50.068	92.499
EX50	44.00	1.770	48.400	49.054	50.170	50.135	132.049



Section	DATUM RL	DEPTH TO INVERT	DESIGN INVERT LEVEL	HYDRAULIC GRADE LEVEL	FINISHED SURFACE LEVEL	EXISTING SURFACE LEVEL	CHAINAGE
55	44.00	1.667	47.992	48.788	49.658	49.520	90.317
EP	44.00	1.774	48.122	48.849	49.896	49.634	134.823
56	44.00	1.657	48.192	48.903	49.850	49.649	173.210
EXEP	44.00	1.612	48.391	48.998	49.850	49.784	233.823
EX56A	44.00	1.544	48.412	49.011	49.957	49.799	242.232
56	45.00	1.657	48.192	48.914	49.850	49.630	0.000
61	45.00	1.581	48.269	48.916	49.850	49.630	8.500
EX56A	45.00	1.544	48.412	49.022	49.957	49.749	8.500
29	45.00	1.468	48.489	49.022	49.957	49.749	8.500
170	45.00	2.351	48.150	49.262	50.501	50.731	0.000
160	45.00	2.205	48.225	49.371	50.430	50.694	16.650
161	45.00	2.093	48.287	49.412	50.430	50.767	25.150
162	45.00	2.070	48.430	49.481	50.500	50.728	76.352
EP	45.00	2.055	48.513	49.512	50.569	50.712	91.250

file name: 303438CR600.dwg, layout name: CR600, created by: Kirsten, Exported: 22/12/2019 10:39 AM, Sheet: 15 of 19 Sheets

Rev	Amendments	Approved	Date
2	AS CONSTRUCTED	MH	21-01-19
1	REMOVAL OF DRAINAGE	MH	02-11-18
0	ISSUED FOR CONSTRUCTION	JS	18-12-17
B	EX56A-29 PIPE CLASS AMENDED	JS	27-09-17
A	ISSUED FOR APPROVAL	JS	07-09-17



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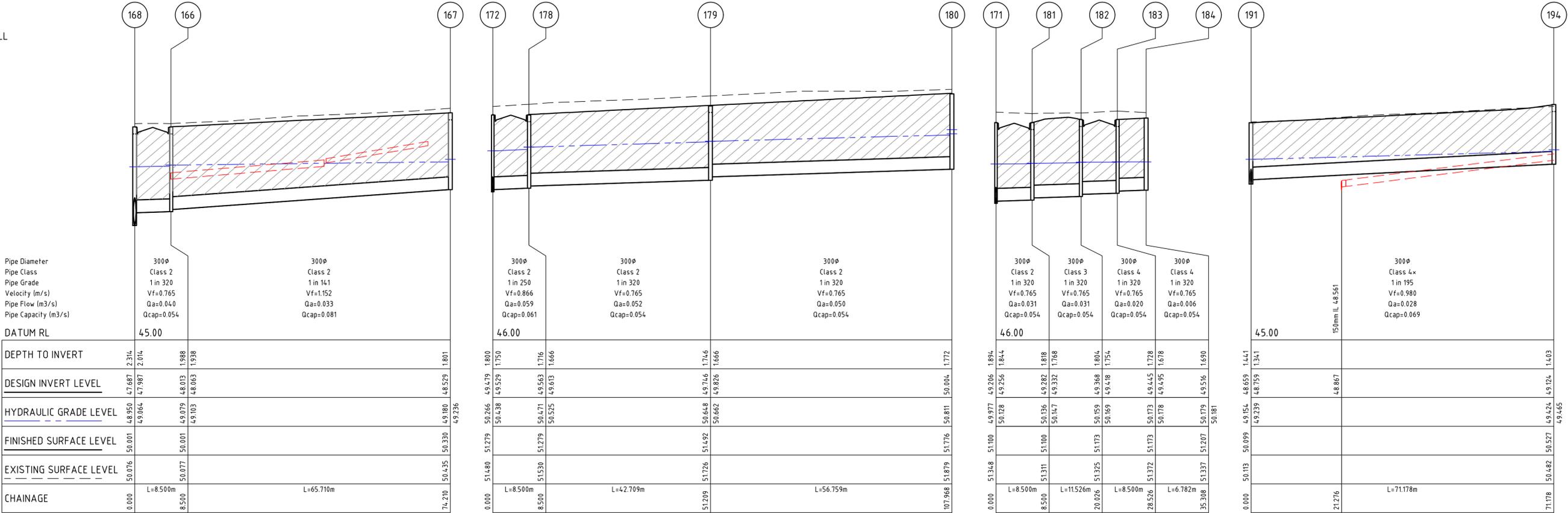
Designed
W. ONG
Checked
B. IBBS
Date
18-12-17

NEWHAVEN STAGE 6 DRAINAGE LONG SECTIONS SHEET 1 OF 3
WYNDAM CITY COUNCIL
PEET 1985 PTY LTD

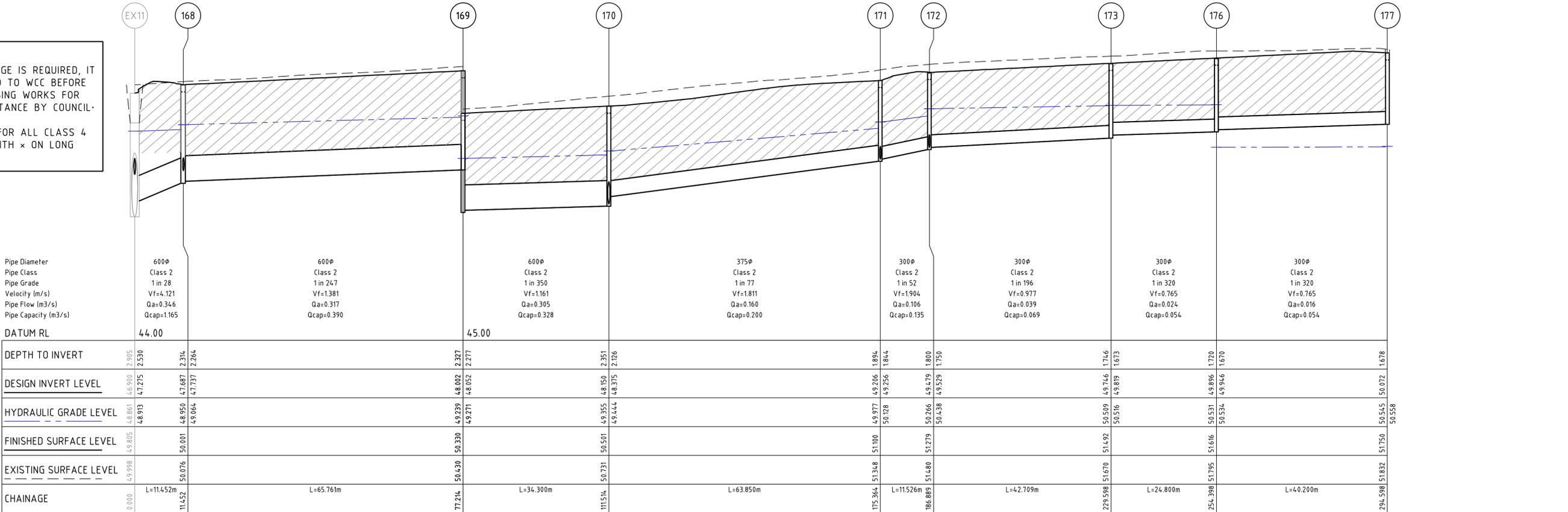
AS CONSTRUCTED Drg No **303438CR600** Rev **2**



CRUSHED ROCK BACKFILL



NOTE:
 WHERE CCTV FOOTAGE IS REQUIRED, IT SHALL BE PROVIDED TO WCC BEFORE ASPHALT AND KERBING WORKS FOR REVIEW AND ACCEPTANCE BY COUNCIL.
 CCTV IS REQUIRED FOR ALL CLASS 4 RC PIPES SHOWN WITH X ON LONG SECTIONS



file name: 303438CR601.dwg, layout name: CR601, plotted by: Kirsten Egan-Watson, file location: G:\303438CR601\DWG\LA01.dwg, plot date: 22/01/2019 10:39 AM, Sheet 16 of 19 Sheets

Rev	Amendments	Approved	Date
1	AS CONSTRUCTED	MH	21-01-19
0	ISSUED FOR CONSTRUCTION	JS	18-12-17
A	ISSUED FOR APPROVAL	JS	07-09-17

H 1:500
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Designed
 W. ONG

Checked
 B. IBBS

Authorised
 J. SPENCER

Date
 18-12-17

**NEWHAVEN
 STAGE 6
 DRAINAGE LONG SECTIONS
 SHEET 2 OF 3**

WYNDAM CITY COUNCIL
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AS CONSTRUCTED

Drg No
303438CR601

Rev
1

DRAINAGE PIT SCHEDULE

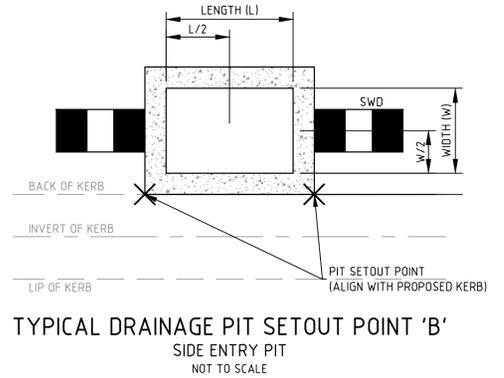
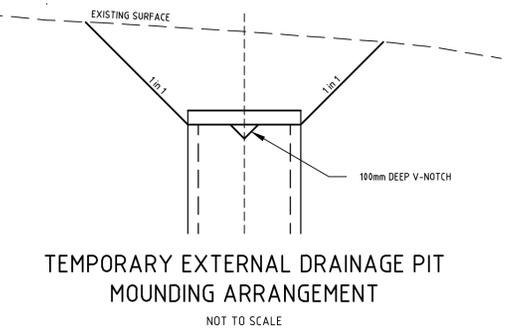
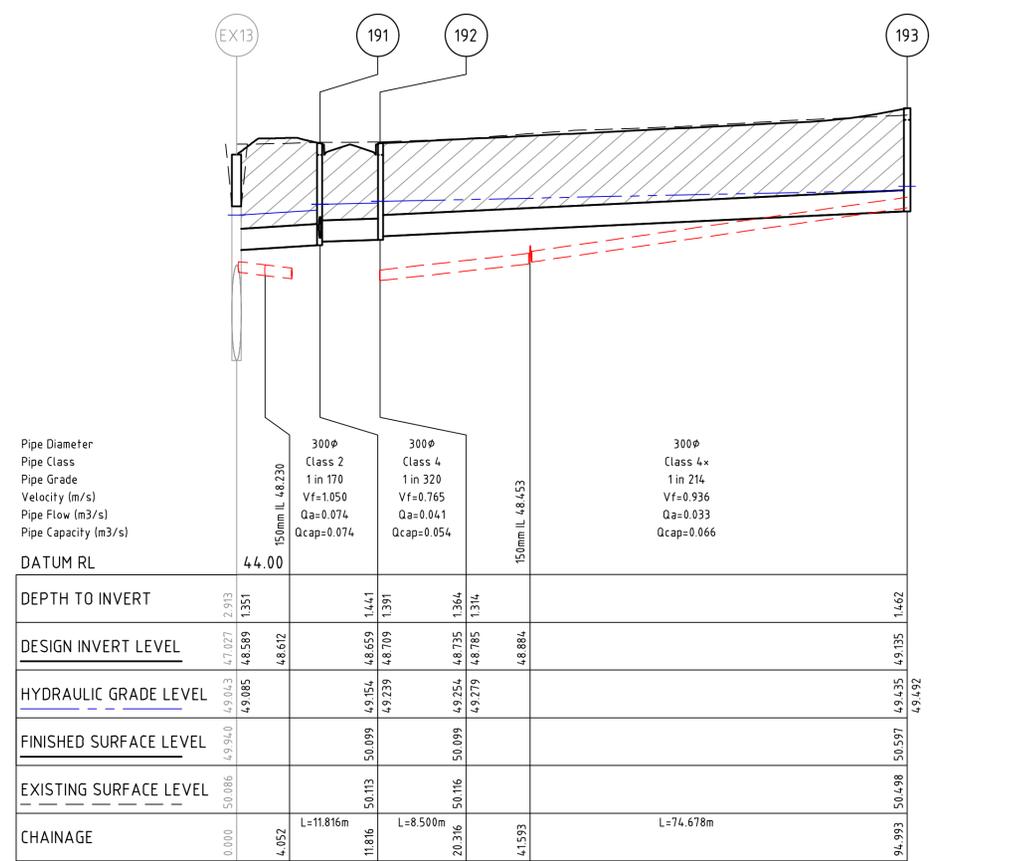
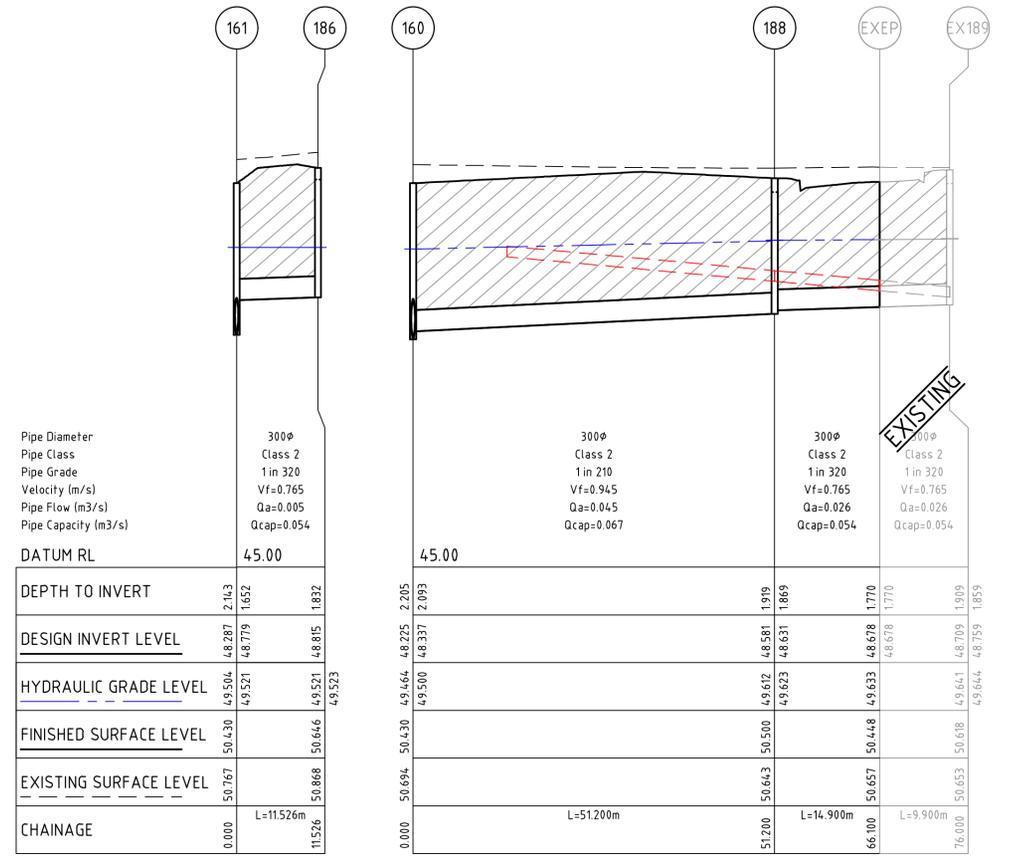
PIT NAME	PIT TYPE	INTERNAL		INLET		OUTLET		PIT		REMARKS
		WIDTH	LENGTH	DIA	INV LEVEL	DIA	INV LEVEL	FS LEVEL	DEPTH	
EX11	JUNCTION PIT	1800	1500	1350	4.6.900	1500	4.6.900	4.9.805	2.905	V-NOTCH PIT. REFER TO PIT SETOUT. SEAL WITH CONCRETE LID AND BATTER 1 IN 3 TO EXISTING SURFACE (REFER TO STANDARD DWG- SWALE). TO BE HAUNCHED TOWARDS ROAD. TOP OF HAUCHING TO BE BELOW SUBGRADE
				375	4.7.898					
				600	4.7.275					
EX12	GRATED SIDE ENTRY PIT	1650	900	1350	4.6.941	1350	4.6.941	4.9.953	3.012	CONCRETE LID TO BE REMOVED. PIT TO BE EXTENDED TO MATCH FS AND FORMED INTO GRATED SIDE ENTRY PIT
EX13	GRATED SIDE ENTRY PIT	1650	900	1350	4.7.027	1350	4.7.027	4.9.940	2.913	CONCRETE LID TO BE REMOVED. PIT TO BE EXTENDED TO MATCH FS AND FORMED INTO GRATED SIDE ENTRY PIT
EX14	GRATED SIDE ENTRY PIT	1650	900	1350	4.7.068	1350	4.7.068	50.058	2.990	CONCRETE LID TO BE REMOVED. PIT TO BE EXTENDED TO MATCH FS AND FORMED INTO GRATED SIDE ENTRY PIT
4.8A	JUNCTION PIT	600	900	375	4.7.967	375	4.7.917	4.9.805	1.889	V-NOTCH PIT. SEAL WITH CONCRETE LID AND BATTER 1 IN 3 TO EXISTING SURFACE (REFER TO STANDARD DWG- SWALE) REFER TO PIT SETOUT. TO BE CONVERT TO GSEP IN FUTURE
4.8	JUNCTION PIT	600	900	375	4.8.070	375	4.8.020	4.9.950	1.930	
4.9	GRATED SIDE ENTRY PIT	600	900	300	4.8.236	375	4.8.186	4.9.940	1.754	
5.6	GRATED SIDE ENTRY PIT	600	900	375	4.8.257	450	4.8.192	4.9.850	1.657	
				300	4.8.242					
6.1	GRATED SIDE ENTRY PIT	600	900	225	4.8.319	300	4.8.269	4.9.850	1.581	
6.1A	GRATED JUNCTION PIT	900	600			225	4.8.364	4.9.649	1.084	
2.9	GRATED SIDE ENTRY PIT	600	900	225	4.8.539	300	4.8.489	4.9.957	1.468	
2.9A	GRATED JUNCTION PIT	600	600			225	4.8.806	4.9.594	0.788	
1.60	GRATED SIDE ENTRY PIT	750	900	525	4.8.275	525	4.8.225	50.430	2.205	
				300	4.8.337					
1.61	GRATED SIDE ENTRY PIT	600	900	450	4.8.337	525	4.8.287	50.430	2.143	
				300	4.8.779					
1.62	GRATED SIDE ENTRY PIT	600	900	375	4.8.480	450	4.8.430	50.500	2.070	
1.66	GRATED SIDE ENTRY PIT	600	900	300	4.8.063	300	4.8.013	50.001	1.988	
1.67	GRATED SIDE ENTRY PIT	600	900			300	4.8.529	50.330	1.801	
1.68	GRATED SIDE ENTRY PIT	900	900	600	4.7.737	600	4.7.687	50.001	2.314	
				300	4.7.987					
1.69	GRATED SIDE ENTRY PIT	900	900	600	4.8.052	600	4.8.002	50.330	2.327	
1.70	GRATED SIDE ENTRY PIT	900	900	375	4.8.375	600	4.8.150	50.501	2.351	
				525	4.8.200					
1.71	GRATED SIDE ENTRY PIT	600	900	300	4.9.256	375	4.9.206	51.100	1.894	
				300	4.9.256					
1.72	GRATED SIDE ENTRY PIT	600	900	300	4.9.529	300	4.9.479	51.279	1.800	
				300	4.9.529					
1.73	GRATED SIDE ENTRY PIT	600	900	300	4.9.819	300	4.9.746	51.492	1.746	
1.76	GRATED SIDE ENTRY PIT	600	900	300	4.9.946	300	4.9.896	51.616	1.720	
1.77	JUNCTION PIT	600	900			300	50.072	51.750	1.678	V-NOTCH PIT. SEAL WITH CONCRETE LID AND BATTER 1 IN 3 TO EXISTING SURFACE (REFER TO STANDARD DWG- SWALE). REFER TO PIT SETOUT. TO BE CONVERT TO GSEP IN FUTURE
1.78	GRATED SIDE ENTRY PIT	600	900	300	4.9.613	300	4.9.563	51.279	1.716	
1.79	GRATED SIDE ENTRY PIT	600	900	300	4.9.826	300	4.9.746	51.492	1.746	
1.80	JUNCTION PIT	600	900			300	50.004	51.776	1.772	
1.81	GRATED SIDE ENTRY PIT	600	900	300	4.9.332	300	4.9.282	51.100	1.818	
1.82	GRATED SIDE ENTRY PIT	600	900	300	4.9.418	300	4.9.368	51.173	1.804	
1.83	GRATED SIDE ENTRY PIT	600	900	300	4.9.495	300	4.9.445	51.173	1.728	
1.84	JUNCTION PIT	600	900			300	4.9.516	51.207	1.690	
1.86	GRATED SIDE ENTRY PIT	600	900			300	4.8.815	50.646	1.832	
1.88	GRATED SIDE ENTRY PIT	600	900	300	4.8.631	300	4.8.581	50.500	1.919	
1.91	GRATED SIDE ENTRY PIT	600	900	300	4.8.709	300	4.8.659	50.099	1.441	
				300	4.8.759					
1.92	GRATED SIDE ENTRY PIT	600	900	300	4.8.785	300	4.8.735	50.099	1.364	
1.93	GRATED SIDE ENTRY PIT	600	900			300	4.9.135	50.597	1.462	
1.94	GRATED SIDE ENTRY PIT	600	900			300	4.9.124	50.527	1.403	



ALL END PIPES TO BE SEALED WITH MARINE GRADE TIMBER OR CONCRETE

NOTE:
WHERE CCTV FOOTAGE IS REQUIRED, IT SHALL BE PROVIDED TO WCC BEFORE ASPHALT AND KERBING WORKS FOR REVIEW AND ACCEPTANCE BY COUNCIL.

CCTV IS REQUIRED FOR ALL CLASS 4 RC PIPES SHOWN WITH X ON LONG SECTIONS



PIT SETOUT CO-ORDINATES

PIT NAME	POINT	EASTING	NORTHING
4.8A	B	294.737.183	5810799.177
	B	294.738.069	5810799.023
1.77	B	294.652.263	5810998.081
	B	294.653.157	5810997.979

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Rev	Amendments	Approved	Date
2	AS CONSTRUCTED	MH	21-01-19
1	PITS 29A & 61A REMOVED	MH	02-11-18
0	ISSUED FOR CONSTRUCTION	JS	18-12-17
A	ISSUED FOR APPROVAL	JS	07-09-17

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PEET

Designed
W. ONG

Checked
B. IBBS

Authorised
J. SPENCER

Date
18-12-17

**NEWHAVEN
STAGE 6
DRAINAGE LONG SECTIONS & PIT SCHEDULE
SHEET 3 OF 3**

WYNDAM CITY COUNCIL
PEET 1985 PTY LTD

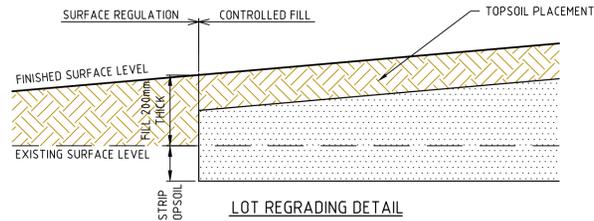
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Drg No
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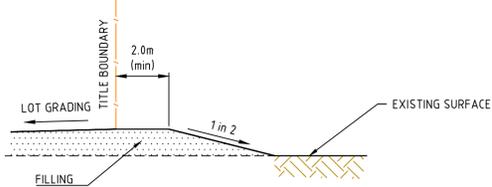
Rev
2

GENERAL NOTES:

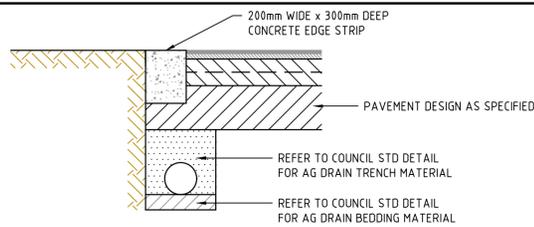
- ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS AND CCAA LITERATURE, OR VIC ROADS STANDARDS FOR NON RESIDENTIAL STREETS.
- ALL CONCRETE TO BE MINIMUM 32MPa COMPRESSIVE STRENGTH
- CONCRETE TO BE THOROUGHLY COMPACTED USING EITHER SURFACE AND/OR IMMERSION VIBRATORS, PARTICULARLY AROUND REINFORCEMENT AND IN CORNERS OF FORMS.
- PRIOR TO CASTING, THE UNBOUND GRANULAR SUBBASE MUST BE DAMP TO ENSURE NO EARLY "DRYING OUT" OF THE CONCRETE.
- CURING OF CONCRETE IS ESSENTIAL - IDEALLY BY MAINTAINING WET HESSIAN OR SEALING WITH PLASTIC SHEETING.
- SAW CUTTING OF CONCRETE SHOULD BE COMMENCED AS SOON AS CONCRETE PERMITS BY EXPERIENCED CONTRACTORS, BUT NO LATER THAN 12 HOURS AFTER POUR.
- ALL DOWELS TO BE GRADE 250R STEEL BARS, 450mm LONG AND PLACED AT 300mm CENTRES. REFER CCAA- "CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS" FOR DOWEL DIAMETERS. DOWELS MUST BE ACCURATELY PLACED TO ENSURE THE JOINT DOES NOT "LOCK". INSERTION OF DOWELS DURING THE PLACING OF CONCRETE IS NOT ACCEPTABLE. DOWELS MUST BE SAWN AND NOT CROPPED.
- ALL JOINTS TO BE APPROPRIATELY SEALED TO RESIST THE INTRUSION OF SAND AND GRAVEL AND TO MINIMISE THE INGRESS OF WATER.
- VARIATION TO JOINT LAYOUT BY CONTRACTOR WILL NOT BE ACCEPTED WITHOUT SPECIFIC WRITTEN APPROVAL OF SUPERINTENDENT & COUNCIL.



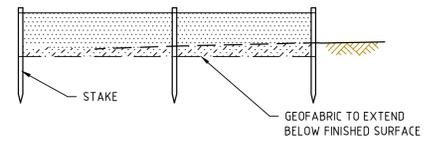
LOT REGRADING DETAIL



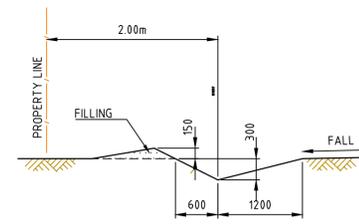
LOT FILLING AT STAGE BOUNDARY



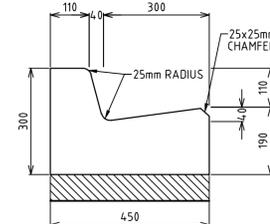
LIMIT OF WORKS CONCRETE EDGE STRIP & PAVEMENT INTERFACE - DETAIL



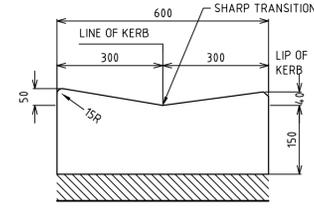
**SILT CONTROL FOR LOTS
GEOFABRIC SILT FENCE
SILT CONTROL OPTIONS**



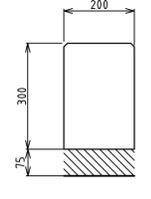
TYPICAL CATCH DRAIN SECTION



B2



M2

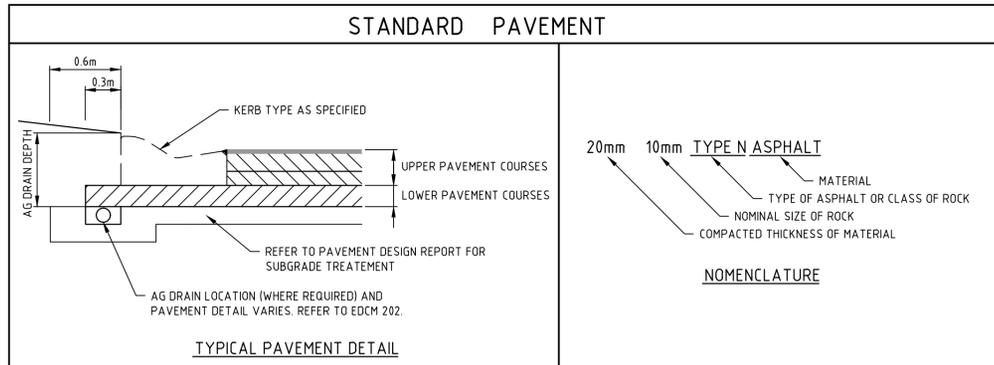


EDGE STRIP

NOTES:

- ALL KERBS AND KERB & CHANNEL TO BE REINFORCED IN ACCORDANCE WITH MUNICIPALITY STD DRAWINGS.
- ALL KERBS AND KERB & CHANNEL TO HAVE 150mm DEPTH OF CONCRETE BELOW TOP OF PAVEMENT LEVEL.

STANDARD KERB PROFILES



TYPICAL PAVEMENT DETAIL

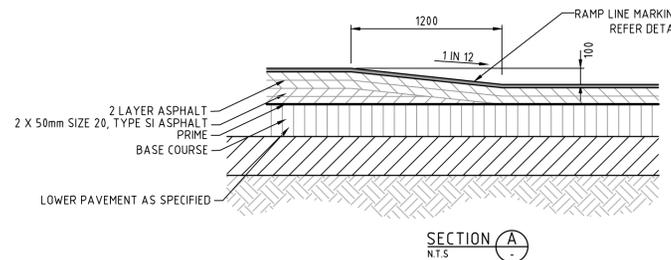
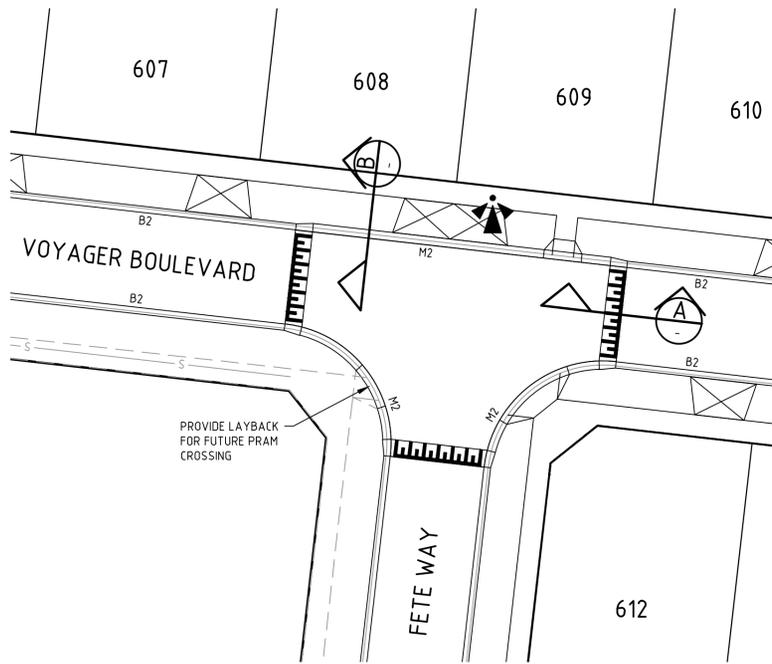
NOMENCLATURE

20mm 10mm TYPE N ASPHALT

MATERIAL TYPE OF ASPHALT OR CLASS OF ROCK

NOMINAL SIZE OF ROCK

COMPACTED THICKNESS OF MATERIAL



**SECTION A
N.T.S.**

PAVEMENT LAYER	DESCRIPTION	DEPTH (mm)
ASPHALT WEARING COURSE	SIZE 10mm TYPE N	30
ASPHALT BASE COURSE	SIZE 10mm TYPE N	30
PRIME	10mm SAMI	10
BASE COURSE	SIZE 20mm CLASS 2 FCR	130
UPPER PAVEMENT TOTAL		200
SUBBASE	SIZE 20mm CLASS 3 FCR	190
CAPPING LAYER	75mm NOMINAL SIZE COUNCIL BLEND CAPPING LAYER (RIPPED ROCK) IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS (SWELL ≤ 1.5% AND PERMEABILITY ≤ 1 X 10 ⁻⁹ m/sec)	200
TOTAL PAVEMENT DEPTH		590

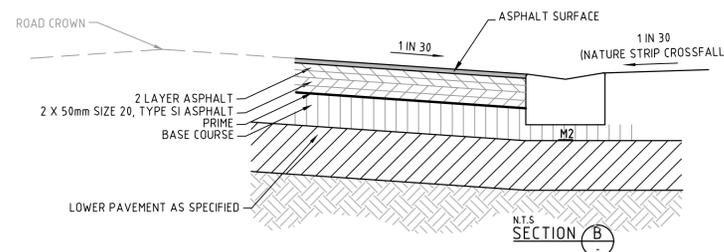
ROAD NAME	TYPE
CEREMONY DRIVE	A
BANQUET DRIVE	A
FESTIVITY STREET	A
JOVIAL AVENUE	A
FETE WAY	A
VOYAGER BOULEVARD	A

PAVEMENT DETAILS

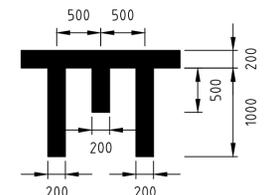
THE PAVEMENT DESIGNS SHOWN HAVE BEEN DESIGNED/PROVIDED BY GROUND SCIENCE PTY LTD WHO ARE RESPONSIBLE FOR THE GEOTECHNICAL WORK ON THIS PROJECT. SPIIRE IS NOT RESPONSIBLE FOR THE WORK OF GROUND SCIENCE PTY LTD.

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**SECTION B
N.T.S.**



**RAMP LINE MARKING
(DIMENSION IN MILLIMETERS)**

NOT TO SCALE



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Designed
W. ONG
Authorised
J. SPENCER

Checked
B. IBBS
Date
18-12-17

**NEWHAVEN
STAGE 6
PAVEMENT AND TYPICAL DETAILS
SHEET 1 OF 1
WYNDAM CITY COUNCIL
PEET 1985 PTY LTD**

AS CONSTRUCTED Drg No **303438CR700** Rev **1**



SIGNAGE SCHEDULE

REFERENCE NO.	SIGN	COMMENTS
S1		STREET NAME PLATES TO BE IN ACCORDANCE WITH WCC S0812, INCLUDING "NO THROUGH ROAD" NOMINATION WHERE APPLICABLE
S2		G9-20
S3		D4-5
S4		W3-4
S5		W5-10
S6		W8-2

BALANCE LOT B
 LOTS SHOWN ARE INDICATIVE
 ONLY AND SUBJECT TO
 CHANGE

file name: 303438CR800.dwg, layout name: CR800, plotted by: Kirsten Egan-Warren, file location: G:\303438CR800\DWG\A1.dwg, plot date: 22/01/2019 10:40 AM, Sheet 19 of 19 Sheets

Rev	Amendments	Approved	Date
1	AS CONSTRUCTED	MH	21-01-19
0	ISSUED FOR CONSTRUCTION	JS	18-12-17
B	FUTURE FOOTPATH & BALANCE LOT NOTE ADDED	JS	09-10-17
A	ISSUED FOR APPROVAL	JS	07-09-17

H 1:500
 SCALE @ A1



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PEET

Designed
 W. ONG
 Authorised
 J. SPENCER

Checked
 B. IBBS
 Date
 18-12-17

**NEWHAVEN
 STAGE 6
 SIGNAGE AND LINEMARKING
 SHEET 1 OF 1
 WYNDAM CITY COUNCIL
 PEET 1985 PTY LTD**

AS CONSTRUCTED Drg No **303438CR800** Rev **1**