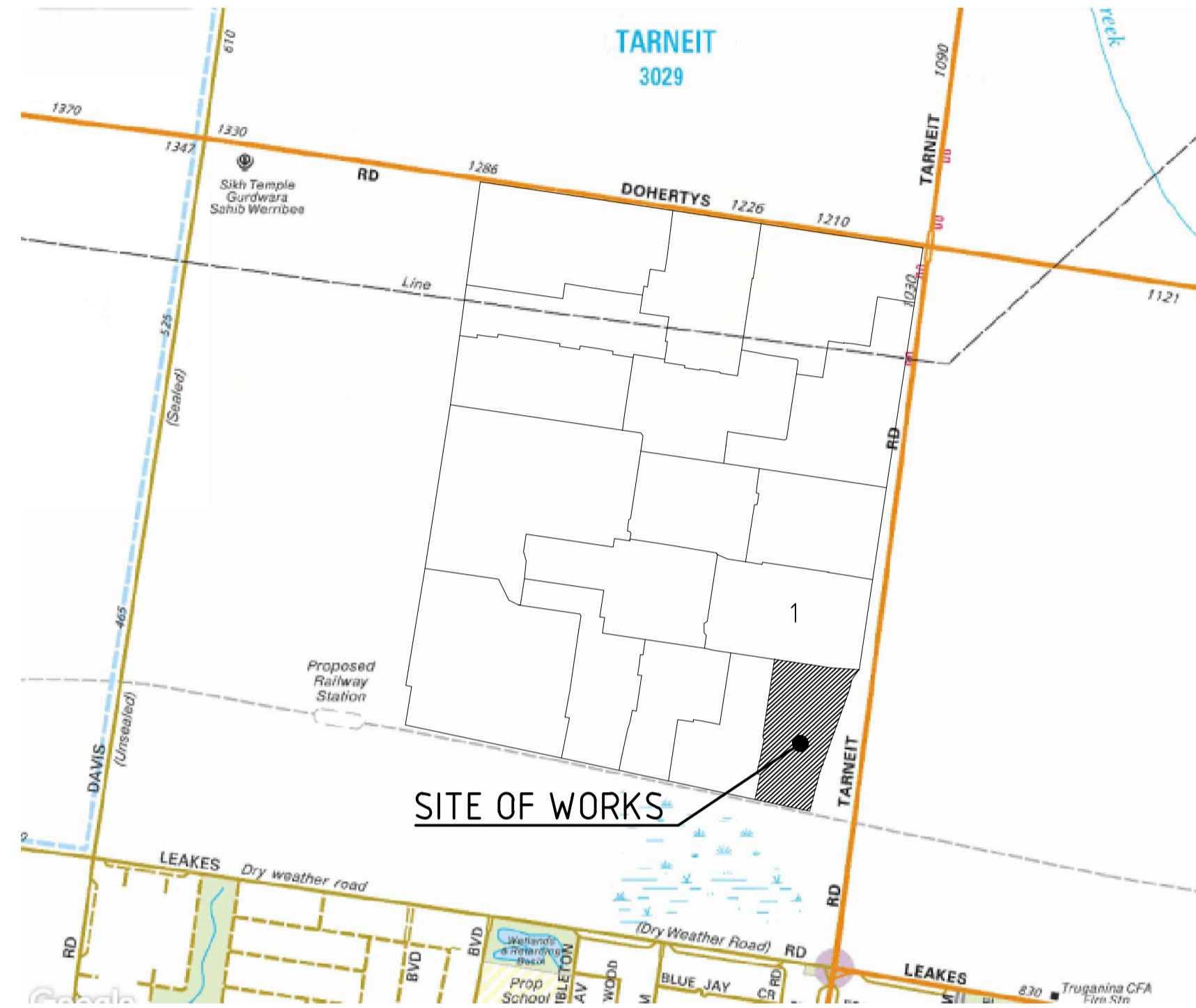


# NEWHAVEN STAGE 2 PEET 1895 PTY LTD

## 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 LEVELLED 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.
- LINEMARKING 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.



COPYRIGHT MELWAY PUBLISHING PTY LTD  
REPRODUCED WITH PERMISSION



## LOCALITY PLAN

SCALE: NOT TO SCALE  
MELWAYS: 228 K11

## DRAWING SCHEDULE

REFERENCE	DESCRIPTION	REVISION	SHEET No.
CR100	FACE SHEET	5	1
CR200	DETAIL PLAN	3	2
CR201	DETAIL PLAN	1	3
CR202	SERVICES PLAN	2	4
CR204	DETAIL PLAN - SHARED PATH	4	5
CR300	ROAD LONGITUDINAL SECTIONS	1	6
CR301	ROAD LONGITUDINAL SECTIONS	1	7
CR400	ROAD CROSS SECTIONS	1	8
CR401	ROAD CROSS SECTIONS	1	9
CR402	ROAD CROSS SECTIONS	3	10
CR403	ROAD CROSS SECTIONS	1	11
CR500	INTERSECTION DETAILS	2	12
CR600	DRAINAGE LONG SECTIONS	1	13
CR601	DRAINAGE LONG SECTIONS	2	14
CR602	DRAINAGE LONG SECTIONS	1	15
CR603	DRAINAGE LONG SECTIONS	1	16
CR604	PIT SCHEDULE	3	16A
CR700	PAVEMENT AND TYPICAL DETAILS	1	17
CR701	RETAINING WALL DETAILS	3	OMMITTED
CR702	RETAINING WALL & SHARED PATH LONGITUDINAL SECTIONS	3	19
CR800	SIGNAGE & LINEMARKING	2	20
CR900	PIT 16 DETAILS	2	21



**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.

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

file name: 303217CR100.dwg, layout name: CR100, plotted by: Harrison Spurling, file location: G:\303217\303217\ACAD\plot\date: 06/09/2018 5:30 PM Sheet 1 of 21 Sheets

Rev	Amendments	Approved	Date
5	AS CONSTRUCTED - DIRECTION DRIVE BATTERS AMENDED	MH	06-09-18
4	AS CONSTRUCTED	JS	12-06-18
3	RETAINING WALL REMOVED IN LIEU OF BATTER. FENCING AMENDED	JS	01-06-18
2	AMENDMENTS TO SHARED PATH	JS	04-04-18
1	DRAWING SCHEDULE AND PIT SCHEDULE AMENDED	JS	04-10-17
0	ISSUED FOR CONSTRUCTION	JS	22-09-17



© Spiire Australia Pty Ltd All Rights Reserved  
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

**spiire**

469 La Trobe Street PO Box 16084 Melbourne  
Victoria 3007 Australia T 61 3 9993 7888  
spiire.com.au ABN 55 050 029 635

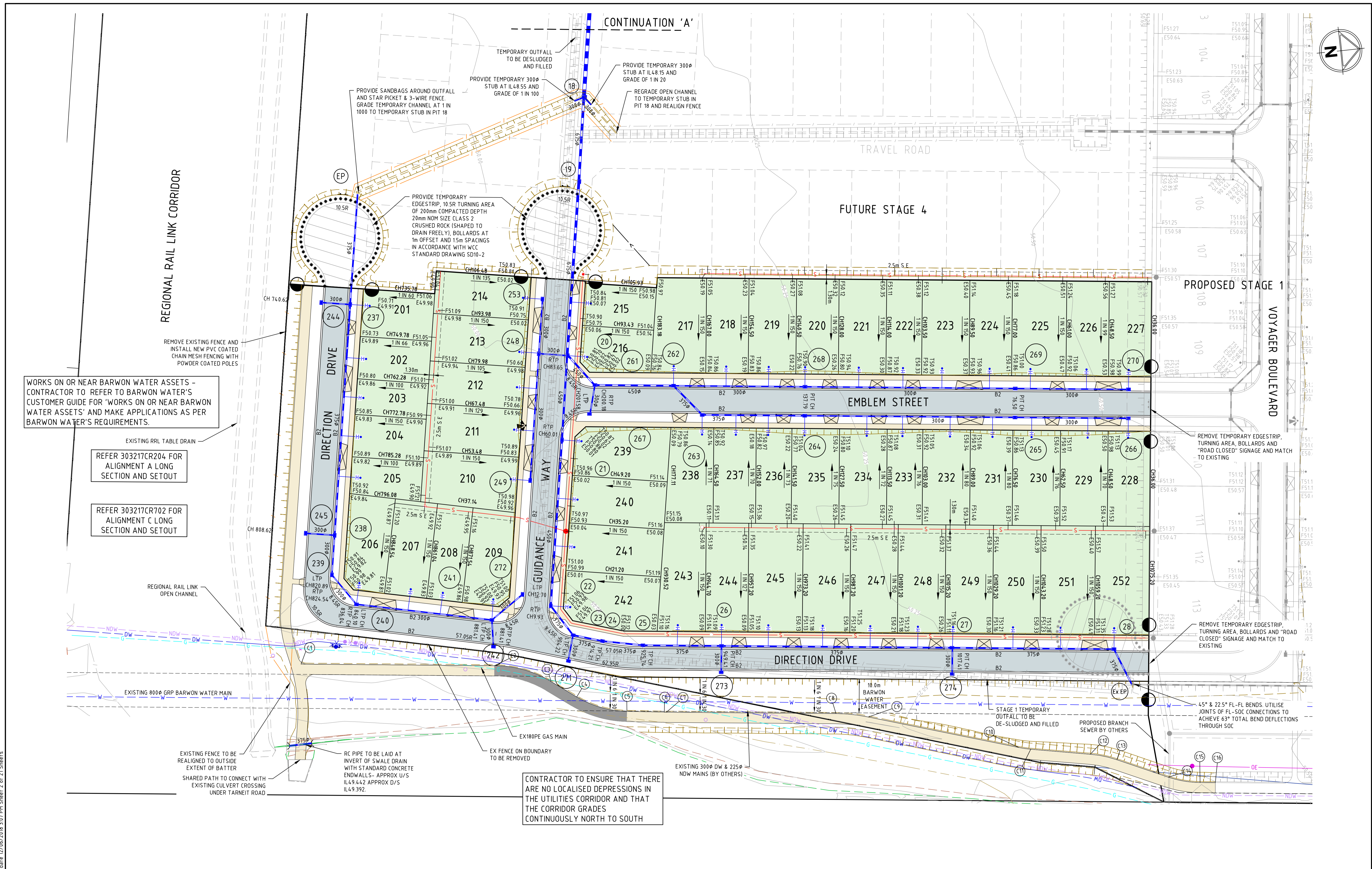
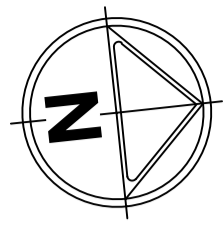
**PEET**

Designed  
H.SPURLING  
Authorised  
J.SPENCER

Checked  
A.CHARALAMBOUS  
Date  
22/09/17

**NEWHAVEN  
STAGE 2  
FACE SHEET  
ROAD & DRAINAGE**  
WYNDHAM CITY COUNCIL  
PEET 1895 PTY LTD

**AS CONSTRUCTED** Drg No **303217CR100** Rev **5**



WORKS ON OR NEAR BARWON WATER ASSETS - CONTRACTOR TO REFER TO BARWON WATER'S CUSTOMER GUIDE FOR 'WORKS ON OR NEAR BARWON WATER ASSETS' AND MAKE APPLICATIONS AS PER BARWON WATER'S REQUIREMENTS.

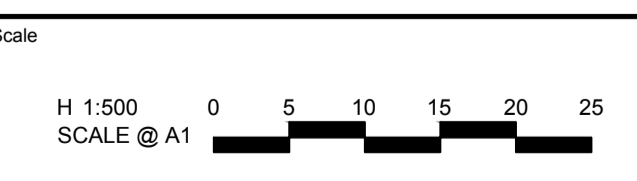
REFER 303217CR204 FOR ALIGNMENT A LONG SECTION AND SETOUT

REFER 303217CR702 FOR ALIGNMENT C LONG SECTION AND SETOUT

CONTRACTOR TO ENSURE THAT THERE ARE NO LOCALISED DEPRESSIONS IN THE UTILITIES CORRIDOR AND THAT THE CORRIDOR GRADES CONTINUOUSLY NORTH TO SOUTH

file name: 303217CR200.dwg, layout name: CD200, plotted by: James Fitzpatrick, file location: G:\303217\A\CAD\plot\_dwg\_12/06/2018\_3:07 PM Sheet 2 of 21 Sheets

Rev	Amendments	Approved	Date
3	AS CONSTRUCTED	JS	12-06-18
2	RETAINING WALL CHANGED TO BATTER, NOTES AMENDED ACCORDINGLY	JS	01-06-18
1	NOTES AMENDED & SHARED PATH NOW INCLUDED IN PROPOSED WORKS	JS	04-04-18
0	ISSUED FOR CONSTRUCTION	JS	22-09-17
F	STUB IL AMENDED	JS	24-08-17
E	RC PIPE DETAILS ADDED & FCR UNDER SH'PATH OVER EX SERVICES ADDED	JS	09-05-17
D	ISSUED FOR APPROVAL - NOTES, OUTFALL, PIPE SIZE & DRIVEWAY AMENDMENTS	JS	28-03-17
C	ISSUED TO CLIENT	JS	27-03-17



© Spiire Australia Pty Ltd All Rights Reserved  
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

469 La Trobe Street PO Box 16084 Melbourne  
Victoria 8007 Australia T 61 3 9993 7888  
spiire.com.au ABN 55 050 029 635

Designed  
H.SPURLING  
Authorised  
J.SPENCER  
Checked  
A.CHARALAMBOUS  
Date  
22/09/17

**NEWHAVEN STAGE 2**  
ROAD & DRAINAGE LAYOUT PLAN  
DETAIL PLAN 1 OF 2  
WYNDHAM CITY COUNCIL  
PEET 1895 PTY LTD

**AS CONSTRUCTED** Dwg No **303217CR200** Rev **3**