PARKLANE GARDENS - STAGE 2

504-530 BALLAN ROAD, WYNDHAM VALE

PARKLANE GARDENS DEVELOPMENT PTY LTD

EXISTING SERVICES

RELOCATION OF SERVICES

PROPOSED SERVICES

SERVICE CONDUITS

SERVICE AUTHORITY CONTACT TABLE

LOT DRAINS

GENERAL

COUNCIL SUPERVISION

CONCRETE WORKS

LANDSCAPE WORKS

AS CONSTRUCTED SURVEY

STREET SIGNS

LINEMARKING

NO ROAD SIGNAGE

SPECIFICATIONS

GENERAL	NOTES
GLINLINAL	NOILS

<u>ITEM</u>	ASPECT	REMARKS	
1. GENERAL	ELECTRONIC PLANS	ELECTRONIC PLANS MAY BE PROVIDED TO ASSIST THE CONTRACTOR BUT DO NOT FORM PART OF THE CONTRACT. IN THE CASE OF DISCREPANCY BETWEEN THE ELECTRONIC INFORMATION AND THE HARD COPY PLANS THE HARD COPY PLANS TAKE PRECEDENT.	6. SERVICES
	SURVEY	THESE PLANS ARE BASED UPON AN EXISTING CONDITIONS SURVEY BY PEYTON WAITE (REF 9855101v2 DATED JULY 2018) AND RELATE TO AHD. CONTRACTOR TO OBTAIN CURRENT EXISTING CONDITIONS PLAN FROM SURVEYOR BEFORE COMMENCEMENT OF WORKS.	
	GEOTECHNICAL DATA	REFER TO THE GEOTECHNICAL REPORT BY CARDNO (REF V171855 REPORT 01.1 DATED SEPTEMBER 2018). FOR GEOTECHNICAL INVESTIGATION AND SUBGRADE ASSESSMENT.	
	PLAN OF SUBDIVISION	PRIOR TO THE COMMENCEMENT OF WORK THE SITE WILL BE PEGGED BY THE SURVEYOR. FOR SPECIFIC TITLE DIMENSIONS REFER TO PS817135W.	
	SETOUT	THE CONTRACTOR SHALL SETOUT THE WORKS FROM PEGS, SURVEY BENCHMARKS AND OTHER NOMINATED DESIGN REFERENCE LINES. THE CONTRACTOR SHALL MAINTAIN AND PROTECT THE PEGS AND SURVEY MARKS FOR THE DURATION OF THE CONTRACT. UNLESS OTHERWISE SHOWN ALL CHAINAGES ARE COMPUTED ALONG THE CENTRELINE OF ROAD PAVEMENT. ALL KERB DIMENSIONS AND RADII REFER TO THE LIP OF KERB.	
2. SITE CLEARANCE	SITE CLEARANCE	UNLESS OTHERWISE SHOWN, ALL EXISTING TREES ARE TO BE RETAINED AND PROTECTED AS NOTED PRIOR TO THE COMMENCEMENT OF WORKS. TREES WHICH ARE NOMINATED AS HAVING SPECIAL SIGNIFICANCE, SHALL BE TREATED AND PROTECTED IN ACCORDANCE WITH WYNDHAM CITY COUNCIL'S "TREE PRESERVATION ORDER" REQUIREMENTS. UNDER NO CIRCUMSTANCE SHALL WORKS BE CARRIED OUT, MATERIALS STORED OR VEHICLES PARKED WITHIN THE CANOPY LINE OF EXISTING TREES, UNLESS NOTED OTHERWISE. CLEARING AND GRUBBING OF TREES TO BE REMOVED SHALL BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT SPECIFICATIONS. NO TREE MAY BE ALTERED OR REMOVED WITHOUT THE APPROVAL OF WYNDHAM CITY COUNCIL.	
	FENCING	ALL EXISTING FENCING WITHIN AREAS OF WORKS SHALL NOT BE REMOVED. ALL REDUNDANT FENCING INCLUDING GATES WITHIN WORKS AREA SHALL BE REMOVED AND DISPOSED OFF SITE BY THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR SITE SECURITY FOR THE DURATION OF THE CONTRACT.	
	STRIPPING - GENERAL	ALL ROAD RESERVE AREAS AND WHERE FILL IS TO BE PLACED TO GREATER THAN 200mm DEPTH, SHALL BE STRIPPED OF TOPSOIL PRIOR TO EARTHWORKS COMMENCING. ALL THICK GRASS AND OTHER VEGETATION TO BE REMOVED FROM SITE PRIOR TO STRIPPING TOPSOIL. ALL TOPSOIL SHALL BE STOCKPILED AT THE NOMINATED LOCATIONS. SUBSOIL CONTAINING ROOT MATERIAL ASSOCIATED WITH THE TOPSOIL SHALL THEN BE STRIPPED AND STOCKPILED AT THE NOMINATED LOCATIONS. DAMS AND EXISTING DRAINAGE CHANNELS WITHIN THE SITE OF WORKS SHALL BE DEWATERED AND UNSUITABLE BASE MATERIAL STRIPPED AND REMOVED FROM SITE PRIOR TO BACKFILLING.	
	STRIPPING-ROAD PAVEMENTS	IN LOCATIONS OF ROAD PAVEMENTS AND FOOTPATHS, ALL SILTY MATERIAL IS TO BE REMOVED TO THE TOP OF THE EXISTING CLAY LAYER AND REPLACED WITH ENGINEERING FILL TO THE SATISFACTION OF ALL PARTIES.	
3. SITE DRAINAGE	GENERAL	THE CONTRACTOR SHALL ENSURE THAT THE SITE IS FREE DRAINING AT ALL TIMES. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROTECTION OF ALL SURFACES FOR THE DURATION OF THE CONTRACT AND WILL BE REQUIRED TO UNDERTAKE REMEDIAL WORKS AS DEEMED NECESSARY BY THE ENGINEER.	7. DRAINAGE
	SITE MANAGEMENT PLAN	THE CONTRACTOR SHALL PREPARE A SITE MANAGEMENT PLAN DETAILING SITE CONTROLS TO MINIMISE THE RISKS OF STORMWATER POLLUTION THROUGH CONTAMINATION OF RUNOFF BY SEDIMENTS, CHEMICALS, GROSS POLLUTANTS OR OTHER WASTES IN ACCORDANCE WITH BEST PRACTICE ENVIRONMENTAL MANAGEMENT GUIDELINES. THIS PLAN SHALL BE IMPLEMENTED IN FULL FOR THE DURATION OF THE CONTRACT TO THE SATISFACTION OF ALL PARTIES. REFER DRAWING No. V171855-2-CI-1600 TO BE USED AS THE BASIS OF THIS PLAN.	
4. EARTHWORKS	GENERAL	BULK EARTHWORKS SHALL BE CARRIED OUT TO THE FINISHED SURFACE LEVELS SHOWN. ALL LOTS SHALL HAVE A MINIMUM GRADE OF 1 IN 150 FALL ON THE LOW SIDE. THE CONTRACTOR IS TO ENSURE THAT ALL WORKS ARE IN ACCORDANCE WITH THE MINES (TRENCHES) REGULATIONS AND RELEVANT OH&S LEGISLATION.	
	FILLING	PRIOR TO THE COMMENCEMENT OF FILLING THE SITE SHALL BE STRIPPED AS NOTED. FILLING TO DEPTHS GREATER THAN 200mm SHALL BE PLACED AND COMPACTED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND AS3798-2007 AND SUPERVISED BY NATA REGISTERED GEOTECHNICAL ENGINEER WITH MINIMUM RELATIVE COMPACTION IN ACCORDANCE WITH AS3798-2007 TABLE 5.1. GEOTECHNICAL SUPERVISION TO BE LEVEL 1 FOR ALL FILL. APPROVED MATERIAL WON FROM SITE SHALL BE MOISTURE CONDITIONED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT PRIOR TO BEING PLACED IN LAYERS OF 150mm MAXIMUM BASE DEPTH. ENGINEERED FILL SHALL ACHIEVE A MINIMUM COMPACTION OF 100% STANDARD DRY DENSITY UNDER PAVEMENTS, 98% STANDARD DRY DENSITY ELSEWHERE WITHIN THE ROAD RESERVE, AND 95% STANDARD DRY DENSITY IN ALL OTHER LOCATIONS. RECORDS SHALL BE KEPT OF ALL EARTHWORK CONSTRUCTION AS CONTAINED IN AS3798 CLAUSE 3.4 AND A COPY MADE AVAILABLE TO THE ENGINEER AND THE COUNCIL UPON COMPLETION. NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE FOR PUBLIC OPEN SPACE UNLESS OTHERWISE DIRECTED BY THE ENGINEER. FINAL SUBGRADE COMPACTION, AND ONE ALLOTMENT COMPACTION SOIL TEST PER LOT IS TO BE PROVIDED AT THE COMPLETION OF THE FILLING WORKS.	SUPERVISION
	TOPSOIL - GENERAL	ALL TOPSOIL STRIPPED FROM THE SITE SHALL BE STOCKPILED AT NOMINATED LOCATIONS FOR FUTURE RE-USE. THE BEST OF THE STOCKPILED TOPSOIL SHALL BE USED WITHIN THE ROAD RESERVE, IN VERGES, SWALE DRAINS ETC. AS DETAILED. NO TOPSOIL TO BE REMOVED FROM SITE.	
	TOPSOIL - LOTS	FILLING TO DEPTHS GREATER THAN 200mm ON ALL LOTS SHALL BE ACHIEVED BY THE PLACEMENT OF ENGINEERED FILL TO 100mm BELOW THE FINISHED SURFACE LEVELS, FOLLOWED BY A 100mm LAYER OF TOPSOIL. ALL EXCAVATED OR DISTURBED AREAS, BATTERS ETC. SHALL BE FINISHED WITH 100mm OF TOPSOIL.	8. MISCELLANEOUS
	EXCESS MATERIAL	UNSUITABLE MATERIAL TO BE REMOVED AND DISPOSED OFF SITE. BALANCE EXCESS MATERIAL TO BE REMOVED FROM SITE OR TAKEN TO A SUITABLE LOCATION AT THE DISCRETION OF THE SUPERINTENDENT.	
	LOT FILLING	CONTRACTOR SHALL SUPPLY WRITTEN TEST RESULTS CONFIRMING COMPLIANCE WITH THE SPECIFICATIONS FOR EARTHWORKS. IN ADDITION, AT THE COMPLETION OF FILLING, ONE COMPACTION TEST IS REQUIRED FOR EACH LOT THAT HAS HAD FILLING PLACED ON IT. COPIES OF THE COMPACTION TESTS MUST BE PROVIDED TO THE SUPERINTENDENT.	
5. PAVEMENTS	APPROVED SUBGRADE	THE SUBGRADES OF ALL PAVEMENTS SHALL BE APPROVED BY THE ENGINEER PRIOR TO THE PLACEMENT OF ANY SUBSEQUENT PAVEMENT COURSE. PROOF ROLLING AND COMPACTION TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATIONS AND COUNCIL REQUIREMENTS.	
	SUBGRADE IMPROVEMENT	SUBGRADE IMPROVEMENT SHALL BE CARRIED OUT IN ALL ROADS AS REQUIRED TO THE COUNCILS APPROVAL AND AT THE ENGINEERS DIRECTION. REFER TYPICAL DETAILS DRAWING No. V171855-2-CI-1151.	
	PAVEMENT TESTING	EACH ROAD PAVEMENT LAYER SHALL BE TESTED FOR COMPACTION AND SHALL MEET THE FOLLOWING COMPACTION STANDARDS:	
		ASPHALT LAYER 100% MODIFIED DRY DENSITY BASE LAYER 98% MODIFIED DRY DENSITY SUB-BASE LAYER 98% MODIFIED DRY DENSITY	
		WYNDHAM CITY COUNCIL TO BE NOTIFIED AT THE COMPLETION OF ANY PAVEMENT LAYERS, AND HOLD POINT PLACED ON THE COMMENCEMENT OF ANY SUBSEQUENT PAVEMENT LAYERS UNTIL WYNDHAM CITY COUNCIL CONFIRMS ACCEPTANCE TO PROCEED.	

EXISTING SERVICES ARE SHOWN ON THE PLANS. CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROVE ALL EXISTING SERVICES PRIOR TO COMMENCING WORKS. THE LOCATION OF EXISTING SERVICES HAS BEEN OBTAINED FROM THE AVAILABLE AUTHORITY RECORDS. NO GUARANTEE IS GIVEN AS TO THE ADEQUACY OF THE SERVICES INFORMATION. SPECIAL NOTIFICATION SHALL BE GIVEN TO THE RELEVANT AUTHORITIES PRIOR TO THE COMMENCEMENT OF WORKS IN PROXIMITY TO TRANSMISSION ELECTRICITY LINES, TRANSMISSION GAS PIPES ANI LARGE WATER MAINS.

THE CONTRACTOR SHALL ALLOW FOR THE RELOCATION OF SERVICES WITHIN THEIR WORKS PROGRAMME AND SHALL LIAISE WITH THE RELEVANT SERVICES AUTHORITIES AS NECESSARY TO ENSURE THAT THE RELOCATION WORKS ARE PROGRAMMED TO SUIT.

AND WATER RETICULATION REFER TO CARDNO DRAWINGS AND AUTHORITY DRAWINGS. FOR DETAILS OF PROPOSED SEWER RETICULATION REFER TO CARDNO DRAWINGS. FOR DETAILS OF OPTIC FIBRE SERVICES REFER TO NBN APPROVED DRAWINGS. FOR DETAILS OF GAS RETICULATION REFER TO AUSNET APPROVED DRAWINGS. SERVICE TRENCHES LOCATED UNDER PROPOSED PAVEMENTS INCLUDING VEHICLE CROSSINGS AND FOOTPATHS SHALL BE BACKFILLED WITH COMPACTED CLASS 2 FCR. TRENCHES ENCROACHING UNDER ROAD PAVEMENT SHALL BE BACKFILLED WITH APPROVED GRANULAR MATERIAL TO THE SPECIFIED COMPOSITION AND COMPACTION OF THE ROAD PAVEMENT.

SERVICE CONDUITS SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON RELEVANT DRAWINGS AT A MINIMUM COVER OF 600mm BELOW ROAD PAVEMENT LEVEL. SHARED WATER SERVICES CONDUITS SHALL BE 100mm DIAMETER CLASS 12 UPVC AND GAS CONDUITS 50mm CLASS 12, UNLESS SHOWN OTHERWISE. ELECTRICAL AND OPTIC FIBRE CONDUITS SHALL BE AS PER AUTHORITY DRAWINGS. GAS AND WATER CONDUITS SHALL EXTEND BENEATH THE FOOTPATH TO THE PROPERTY LINE. THE LOCATION OF ALL SERVICE CONDUITS SHALL BE MARKED CLEARLY ON THE KERB. AT LOCATIONS WHERE CONDUITS ARE NOT AT RIGHT ANGLES TO THE KERB, THEIR LOCATION SHALL BE MARKED ON BOTH SIDES OF THE ROAD.

SERVICE CONTACTS						
SERVICE AUTHORITY	PHONE					
POWERCOR	132 206					
AUSNET (GAS)	136 707					
TELSTRA	9632 6389					
CITY WEST WATER	131 691					
MELBOURNE WATER	131 722					

ALL PIPES TO BE REINFORCED CONCRETE CLASS 2. PIPES <750Ø SHALL BE RUBBER RING JOINTED. PIPES ABOVE THIS SIZE SHALL BE FLUSH JOINTED WITH EXTERNAL SEALING BANDS. DEVIATION AT THE JOINTS USED IN SUCH PIPES SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. PIPES UNDER PAVEMENTS AND DIRECTLY BEHIND KERBS SHALL BE BACKFILLED WITH CLASS 2 FCR AS DETAILED. WHERE ANY TRENCH ENCROACHES UNDER ROADWAYS, APPROVED FINE CRUSHED ROCK BACKFILL IS TO BE PROVIDED UNDER PAVEMENT AND IS TO BE COMPACTED TO THE SPECIFIED COMPACTION OF THE PAVEMENT.

100mm DIAMETER CLASS 400 PERFORATED PVC SUBSURFACE DRAINS SHALL BE INSTALLED BEHIND KERBS AND ELSEWHERE AS DETAILED ON EDCM. SUBSURFACE DRAINS SHALL OUTLET TO PITS AND UNDERGROUND DRAINAGE AS NECESSARY. AG DRAINS TO HAVE APPROVED BACKFILL. FLUSHOUT RISERS SHALL BE PROVIDED AT THE COMMENCEMENT OF EACH RUN OF DRAIN, AT INTERVALS OF BETWEEN 100m AND 150m ALONG THE DRAINAGE RUN TO BE LOCATED AT REAR OF KERB. REFER TO VPA ENGINEERING MANUAL STANDARD DRAWINGS.

AS PER VPA ENGINEERING MANUAL, SECTION 13.21 ALL LOTS SHALL BE PROVIDED WITH HOUSE DRAINS OR PROPERTY INLETS AS DETAILED. THE CONNECTION (LEGAL POINT OF DISCHARGE) POINTS ARE TO BE PROVIDED AT 5.5m FROM THE LOWEST CORNER OF EACH PROPERTY UNLESS NOTED OTHERWISE. PROPERTY INLETS ARE TO BE PROVIDED 1.0m FROM THE LOWEST CORNER OF THE BOUNDARY OR EASEMENT UNLESS NOTED OTHERWISE. REFER VPA ENGINEERING MANUAL, EDCM 701, 702, 703 AND 704.

ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATIONS AND TO THE SATISFACTION OF THE ENGINEER AND ALL OTHER RELEVANT PARTIES. THE ENGINEER WILL CARRY OUT REGULAR SITE INSPECTIONS. ADDITIONAL INSPECTIONS CAN BE REQUESTED AT 24 HOURS NOTICE. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT VPA ENGINEERING MANUAL TECHNICAL SPECIFICATION, STANDARD DRAWINGS, APPROVED PROJECT SPECIFICATION AND TO THE SATISFACTION OF THE MANAGER, TECHNICAL SERVICES OR HIS/HER APPROVED REPRESENTATIVE.

ALL WORKS WILL BE SUPERVISED SEPARATELY BY THE CITY OF WYNDHAM'S CONSTRUCTION ENGINEER AND SHALL BE CARRIED OUT TO COUNCIL'S STANDARDS AND SATISFACTION. THE CONTRACTOR SHALL NOTIFY WYNDHAM CITY COUNCIL 7 DAYS PRIOR TO COMMENCEMENT OF WORKS. WORKS MAY NOT COMMENCE WITHOUT COUNCIL APPROVAL. ALL WORKS ARE TO BE COMPLETED PRIOR TO THE COMMENCEMENT OF THE MAINTENANCE PERIOD.

RESIDENTIAL FOOTPATHS TO BE 125mm DEPTH REINFORCED (SL72) CONCRETE ON 50mm FCR BEDDING. INDUSTRIAL/COMMERCIAL FOOTPATHS TO BE 150mm DEPTH REINFORCED (SL72) CONCRETE ON 50mm FCR BEDDING. THE BACK OF FOOTPATH IS TO BE OFFSET 50mm FROM THE ABUTTING TITLE BOUNDARY. VEHICLE CROSSINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH VPA ENGINEERING MANUAL, EDCM 501, 502 AND 503. UNLESS NOTED OTHERWISE. TYPICALLY AT AN OFFSET OF 0.75m FROM THE SIDE BOUNDARY OF PROPERTIES UNLESS NOTED OTHERWISE.

FOR DETAILS OF LANDSCAPE WORKS REFER TO DRAWINGS PREPARED BY LBA DESIGN PTY LTD.

LOCATIONS OF STREET SIGNS SHOWN ARE NOMINAL ONLY AND SHALL BE CONFIRMED PRIOR TO INSTALLATION. SIGN AND POLE DETAILS ARE TO BE IN ACCORDANCE WITH THE VPA ENGINEERING MANUAL, SECTION 16.11.

UPON COMPLETION OF THE CIVIL WORKS, THE CONTRACTOR SHALL PROVIDE AS CONSTRUCTED PLANS TO VPA ENGINEERING MANUAL, SECTION 9.30 REQUIREMENTS INCLUDING D SPEC DIGITAL FORMAT AND AS NOTED ON THE PLANNING PERMIT.

TEMPORARY LINEMARKING (NORMAL PAINT) IS TO BE CARRIED OUT PRIOR TO THE START OF THE MAINTENANCE PERIOD. TEMPORARY LINEMARKING TO BE INSTALLED AND MAINTAINED UNTIL PERMANENT LINEMARKING IS INSTALLED ON THE WEARING COURSE ASPHALT. RRPM'S ARE TO BE INSTALLED ONCE THE BASE COURSE ASPHALT IS PLACED AND MAINTAINED UNTIL PERMANENT RRPM'S ARE INSTALLED ON THE WEARING COURSE ASPHALT. PERMANENT LINEMARKING (LONG LIFE PAINT) AND RRPM'S (AT NOMINATED SPACINGS) ARE TO BE INSTALLED FOLLOWING THE INSTALLATION OF THE WEARING COURSE. THE INSTALLATION OF ALL LINEMARKING AND RRPM'S IS TO BE IN ACCORDANCE WITH THE RELEVANT SPECIFICATIONS. ALL LINE MARKING, ADVISORY SIGNS AND FIRE HYDRANT MARKERS ARE TO BE INSTALLED PRIOR TO

THE WORKS BEING OPEN FOR PUBLIC USE.

'NO ROAD' SIGNS AT THE EXTENTS OF ROADWORKS ARE TO BE INSTALLED ON A POST AND RAIL BARRIER EXTENDING BETWEEN BACKS OF KERBS. A CONCRETE EDGE STRIP SHALL BE CONSTRUCTED BETWEEN THE KERBS WITH A TEMPORARY AGRICULTURAL DRAIN BEHIND IT.

ALL WORKS MUST BE CARRIED OUT IN ACCORDANCE WITH VPA ENGINEERING MANUAL, CURRENT STANDARD DRAWINGS AND SPECIFICATIONS AND AS4000 CONDITIONS OF CONTRACT.

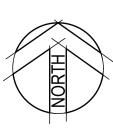


LOCALITY PLAI

	DRAWING REGISTER
DRAWING No.	DESCRIPTION
V171855-2-CI-1000	GENERAL NOTES, LOCALITY PLAN AND DRAWING REGISTER
V171855-2-CI-1050	DETAIL PLAN
V171855-2-CI-1100	SERVICES PLAN
V171855-2-CI-1150	TYPICAL DETAILS SHEET 1 OF 3
V171855-2-CI-1151	TYPICAL DETAILS SHEET 2 OF 3
V171855-2-CI-1152	TYPICAL DETAILS SHEET 3 OF 3
V171855-2-CI-1200	BURSA DRIVE LONGITUDINAL SECTION
V171855-2-CI-1201	BURSA DRIVE CROSS SECTIONS
V171855-2-CI-1250	TARA CRESCENT LONGITUDINAL SECTION
V171855-2-CI-1251	TARA CRESCENT CROSS SECTIONS
V171855-2-CI-1300	ATISHA STREET LONGITUDINAL SECTION
V171855-2-CI-1301	ATISHA STREET CROSS SECTIONS
V171855-2-CI-1350	OSHAWA LANE LONGITUDINAL AND CROSS SECTIONS
V171855-2-CI-1400	BORDEN DRIVE LONGITUDINAL AND CROSS SECTIONS
V171855-2-CI-1450	INTERSECTION DETAILS SHEET 1 OF 3
V171855-2-CI-1451	INTERSECTION DETAILS SHEET 2 OF 3
V171855-2-CI-1452	INTERSECTION DETAILS SHEET 3 OF 3
V171855-2-CI-1500	DRAINAGE LONGITUDINAL SECTIONS
V171855-2-CI-1501	DRAINAGE PIT SCHEDULE
V171855-2-CI-1550	LOT DIMENSIONS, SIGNS AND LINEMARKING PLAN
V171855-2-CI-1600	ENVIRONMENTAL MANAGEMENT PLAN

COUNCIL REFERENCE WYP9651/16

Α	30.01.2019	CONSTRUCTION ISSUE	S.H	. S.W.	N.
Rev.	Date	Description	Des	. Verif.	Ap

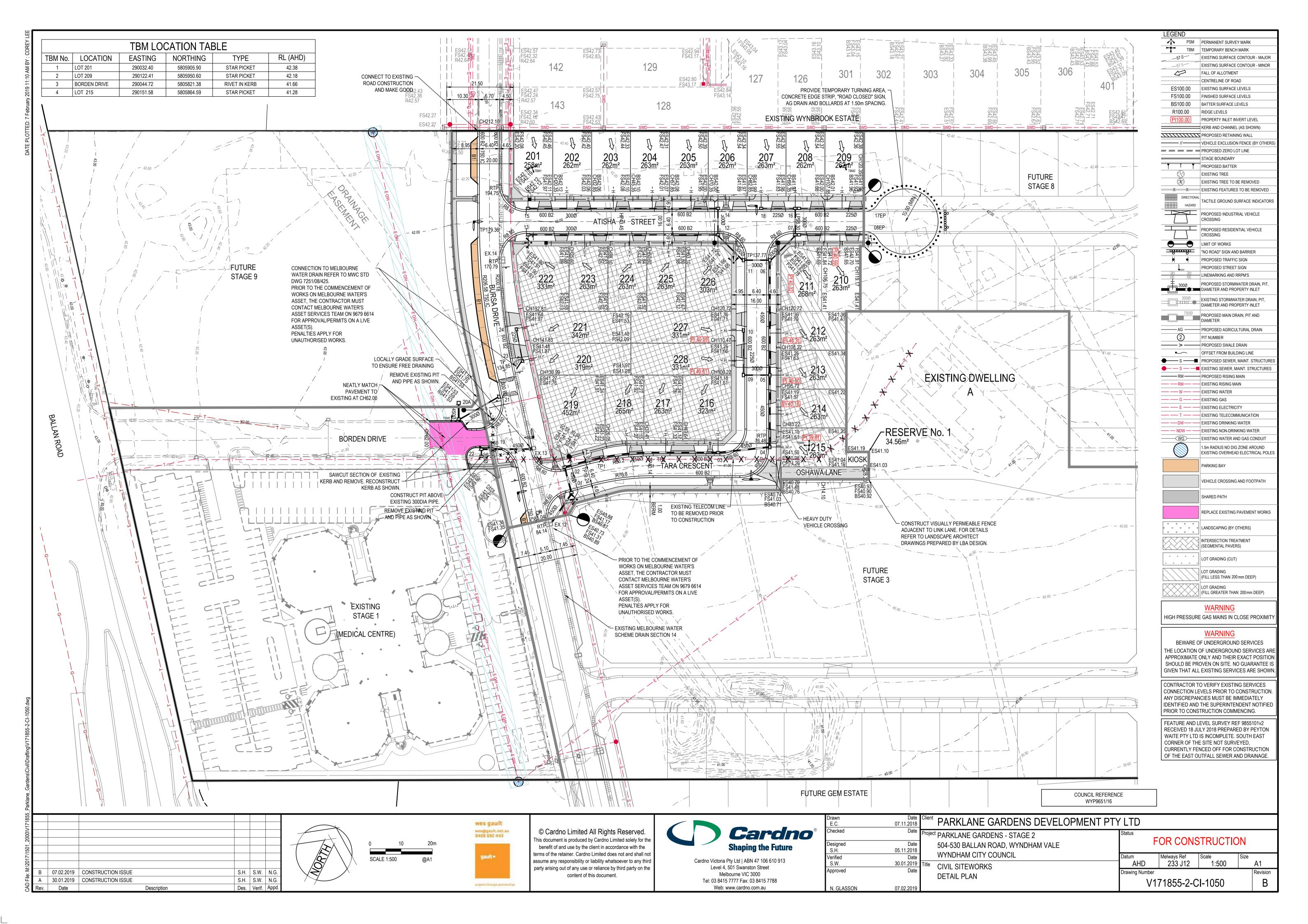


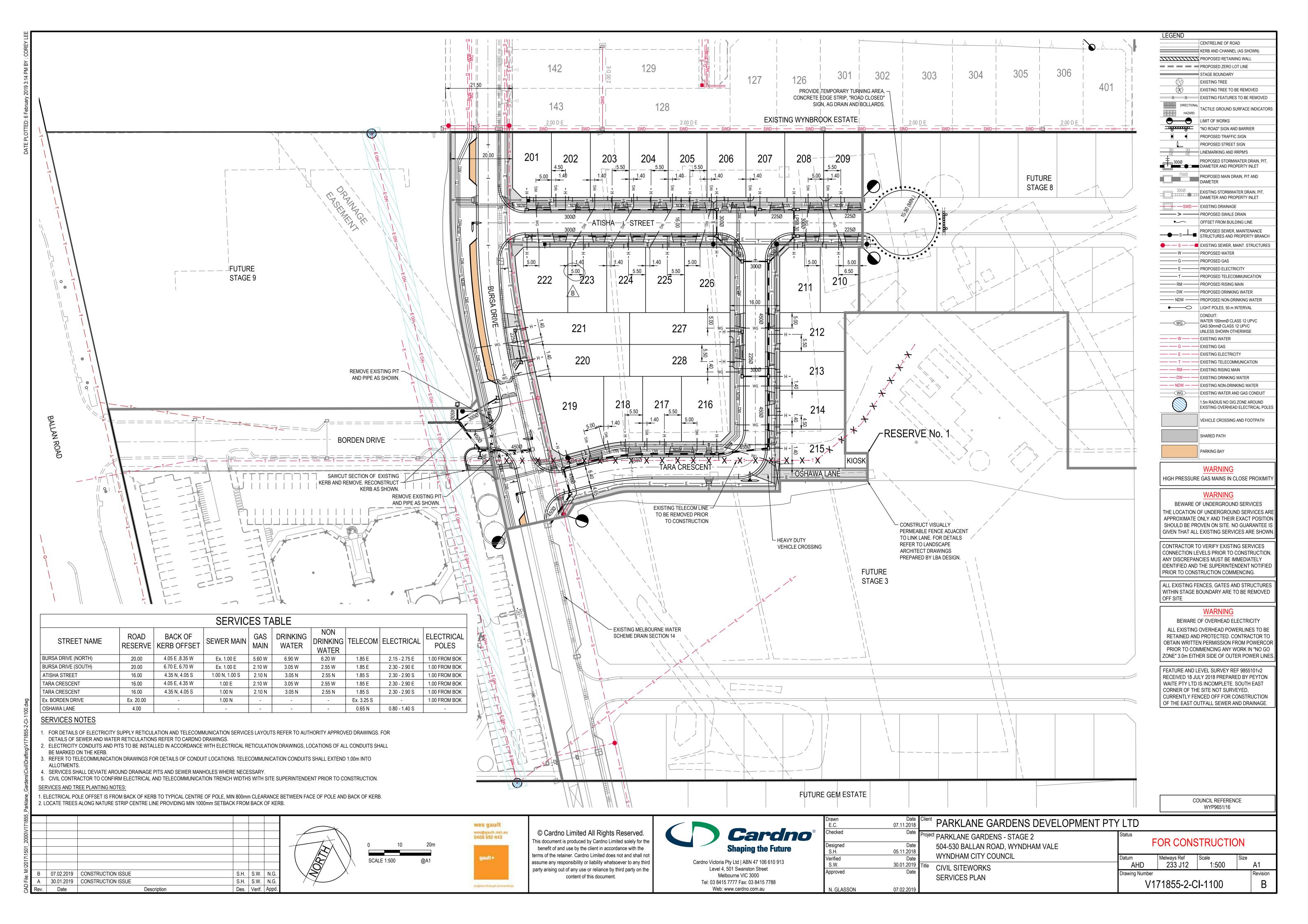


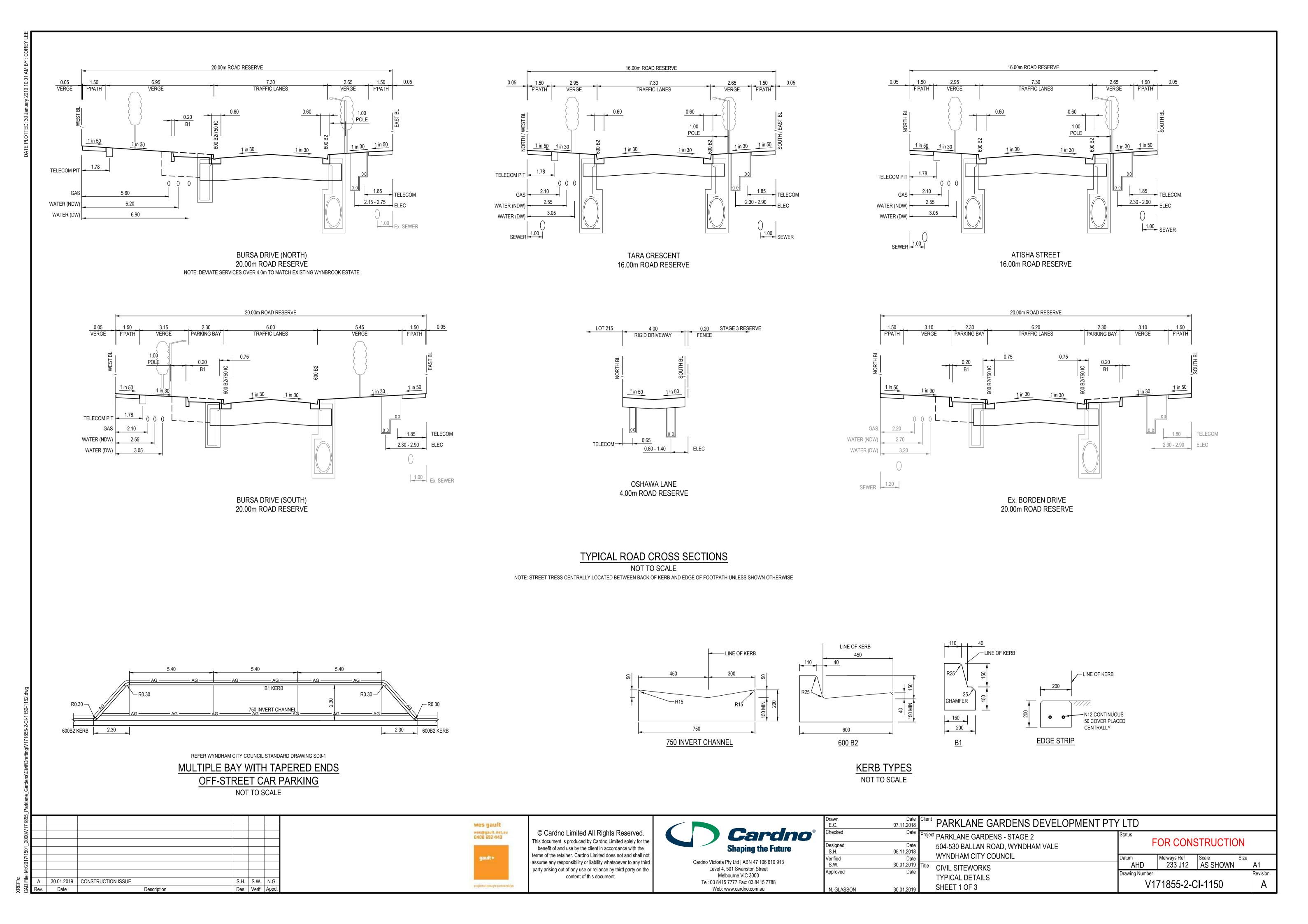


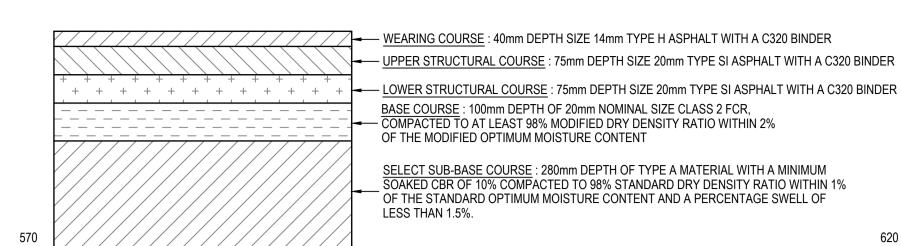
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						WYP9651/16		
Drawn E.C.	Date 07.11.2018	Client	PARKLANE GARDENS DEVELOPMENT PTY	/ LTD				
Checked	Date	Projec	^t PARKLANE GARDENS - STAGE 2	Status		CTDUCTIC	111	
Designed S.H.	Date 05.11.2018		504-530 BALLAN ROAD, WYNDHAM VALE	Г	-UR CUN	STRUCTIO	אוע	
Verified S.W.	Date 30.01.2019	Title	WYNDHAM CITY COUNCIL	Datum AHD	Melways Ref 233 J12	Scale AS SHOWN	Size	A1
Approved	Date	riue	CIVIL SITEWORKS GENERAL NOTES, LOCALITY PLAN	Drawing Number	200012	AS SHOWN		Revision
N. GLASSON	30.01.2019		AND DRAWING REGISTER	V1	71855-2-0	CI-1000		Α

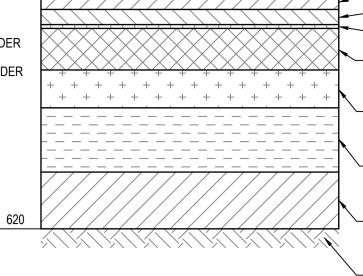








RATIO (SOAKED CBR ≥2.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE BORDEN DRIVE & BURSA DRIVE (CH84.14 TO CH126.30)



BURSA DRIVE (CH126.30 TO CH212.10)

STRUCTURAL COURSE: 40mm DEPTH SIZE 14mm TYPE HP ASPHALT WITH A A10E BINDER - WATERPROOFING COURSE : SAMI SEAL WITH CLASS S18RF BINDER AND BITUMINOUS PRIME BASE COURSE: 110mm DEPTH OF 20mm NOMINAL SIZE CLASS 2 FCR. COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT UPPER SUB-BASE COURSE: 100mm DEPTH OF 20mm NOMINAL SIZE CLASS 3 CEMENT MODIFIED CRUSHED ROCK, COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 2% OF THE MODIFIED OPTIMUM MOISTURE CONTENT WITH A MINIMUM YOUNG'S MODULUS OF 500MPa AND A MAXIMUM YOUNG'S MODULUS OF 1500MPa LOWER SUB-BASE COURSE: 170mm DEPTH OF 20mm NOMINAL SIZE CLASS 4 CEMENT MODIFIED CRUSHED ROCK, COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 2% OF THE MODIFIED OPTIMUM MOISTURE CONTENT ELECT SUB-BASE COURSE : 280mm DEPTH OF TYPE A MATERIAL WITH A MINIMUM

WEARING COURSE: 40mm DEPTH SIZE 14mm TYPE N ASPHALT WITH A C170 BINDER

SOAKED CBR OF 10% COMPACTED TO 98% STANDARD DRY DENSITY RATIO WITHIN 1% OF THE STANDARD OPTIMUM MOISTURE CONTENT AND A PERCENTAGE SWELL OF SUBGRADE: SILTY CLAY COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY - RATIO (SOAKED CBR ≥2.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE

CONTENT

125mm THICK 25MPa CONCRETE PATH WITH

SL72 MESH CENTRALLY LOCATED. MESH

TO HAVE 50mm COVER TO ALL EDGES.

- CLASS 3 CRUSHED ROCK COMPACTED

200mm THICK 25MPa CONCRETE PATH WITH

- SL82 MESH CENTRALLY LOCATED. MESH

TO HAVE 50mm COVER TO ALL EDGES.

100mm THICK, 20mm NOMINAL SIZE

TO 90% MODIFIED DEPTH

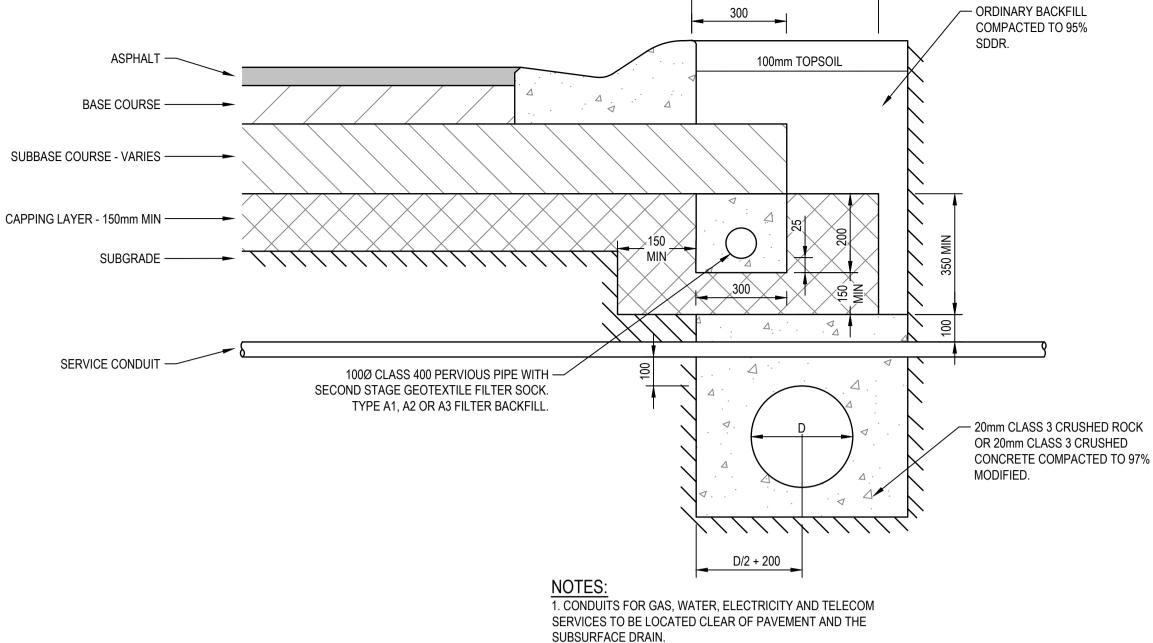
> PREPARED SUBGRADE

CLASS 3 CRUSHED ROCK COMPACTED

50mm THICK, 20mm NOMINAL SIZE

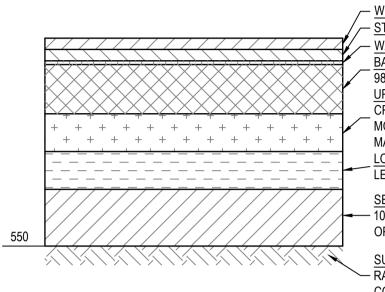
TO 90% MODIFIED DEPTH

PREPARED SUBGRADE



SUBSURFACE DRAIN IN EXPANSIVE SOILS

NOT TO SCALE (REFER VPA STD DWG EDCM 202)



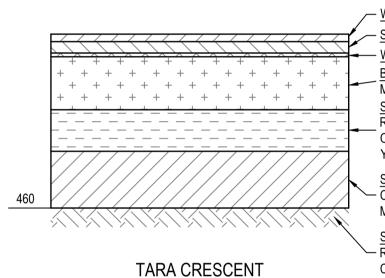
ATISHA STREET

WEARING COURSE: 30mm DEPTH SIZE 10mm TYPE N ASPHALT WITH A C170 BINDER STRUCTURAL COURSE: 30mm DEPTH SIZE 10mm TYPE N ASPHALT WITH A C170 BINDER - WATERPROOFING COURSE : SAMI SEAL WITH CLASS S18RF BINDER AND BITUMINOUS PRIME BASE COURSE: 130mm DEPTH OF 20mm NOMINAL SIZE CLASS 2 FCR, COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT UPPER SUB-BASE COURSE: 100mm DEPTH OF 20mm NOMINAL SIZE CLASS 3 CEMENT MODIFIED CRUSHED ROCK, COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 2% OF THE MODIFIED OPTIMUM MOISTURE CONTENT WITH A MINIMUM YOUNG'S MODULUS OF 500MPa AND A LOWER SUB-BASE COURSE: 100mm DEPTH OF 20mm NOMINAL SIZE CLASS 4 FCR, COMPACTED TO AT

SUBGRADE: SILTY CLAY COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY

LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT SELECT SUB-BASE: 150mm DEPTH OF TYPE A MATERIAL WITH A MINIMUM SOAKED CBR OF - 10% COMPACTED TO 98% STANDARD DRY DENSITY RATIO WITHIN 1% OF THE STANDARD OPTIMUM MOISTURE CONTENT AND A PERCENTAGE SWELL OF LESS THAN 1.5%

SUBGRADE: SILTY CLAY COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY - RATIO (SOAKED CBR ≥2.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT



WEARING COURSE: 20mm DEPTH SIZE 7mm TYPE L ASPHALT WITH A C170 BINDER — STRUCTURAL COURSE : 30mm DEPTH SIZE 10mm TYPE N ASPHALT WITH A C170 BINDER BASE COURSE: 140mm DEPTH OF 20mm NOMINAL SIZE CLASS 2 FCR, COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT SUB-BASE COURSE: 110mm DEPTH OF 20mm NOMINAL SIZE CLASS 3 CEMENT MODIFIED CRUSHED ROCK, COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 2% OF THE MODIFIED OPTIMUM MOISTURE CONTENT WITH A MINIMUM YOUNG'S MODULUS OF 500MPa AND A MAXIMUM YOUNG'S MODULUS OF 1500MPa

SLECT SUB-BASE: 150mm DEPTH OF TYPE A MATERIAL WITH A MINIMUM SOAKED CBR OF 10% - COMPACTED TO 98% STANDARD DRY DENSITY RATIO WITHIN 1% OF THE STANDARD OPTIMUM MOISTURE CONTENT AND A PERCENTAGE SWELL OF LESS THAN 1.5%

SUBGRADE: SILTY CLAY COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY - RATIO (SOAKED CBR ≥2.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT

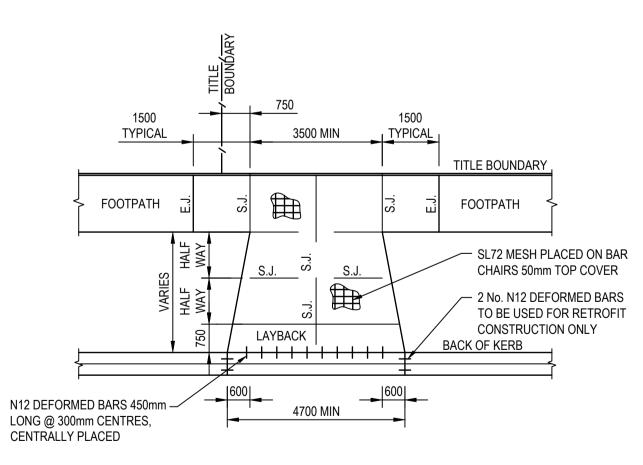
RIGID PAVEMENT COMPOSITIONS

NOT TO SCALE

DOMESTIC VEHICLE CROSSINGS, **FOOTPATHS**

HEAVY DUTY VEHICLE CROSSINGS

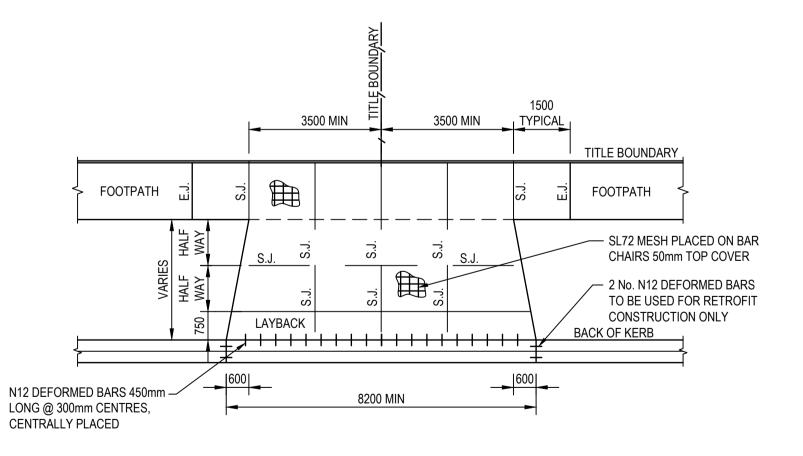
AND OSHAWA LANE



SINGLE RESIDENTIAL VEHICLE CROSSING NOT TO SCALE

REFER WYNDHAM CITY COUNCIL STANDARD DRAWING No. SD4-1

FLEXIBLE PAVEMENT COMPOSITIONS NOT TO SCALE



DOUBLE RESIDENTIAL VEHICLE CROSSING

NOT TO SCALE REFER WYNDHAM CITY COUNCIL STANDARD DRAWING No. SD4-3

TITLE BOUNDARY RAMP -GRADIENT 1 IN 14

MID-BLOCK CROSSING

NO BULLNOSE IN THE INVERT OF KERB SHALL BE ACCEPTED

FOR CONCRETE STRENGTH REFER VPA EDCM 401

3. ALL FINISHED SURFACES MUST COMPLY WITH AS 4586 - SLIP RESISTANCE CLASSIFICATION OF NEW

CORNER CROSSING

PEDESTRIAN SURFACE MATERIALS. 4. SPLAYS TO BE 600mm WITH KERB TRANSITION.

5. CONCRETE TO BE LIGHT BROOM FINISH, UNLESS OTHERWISE SPECIFIED, WITH EDGES AND JOINTS

NEATLY TOOLED AFTER THE BROOM IS APPLIED. TACTILE GROUND SURFACE INDICATORS (TGSI's) TO BE INSTALLED . TGSI'S ARE TO COMPLY WITH

7. CROSSING TO BE AT RIGHT ANGLES TO ROAD CARRIAGEWAY, ALLIGNED WITH OPPOSITE PRAM CROSSING AND WITH A DIRECT PATH OF TRAVEL.

PRAM CROSSING DETAIL

NOT TO SCALE

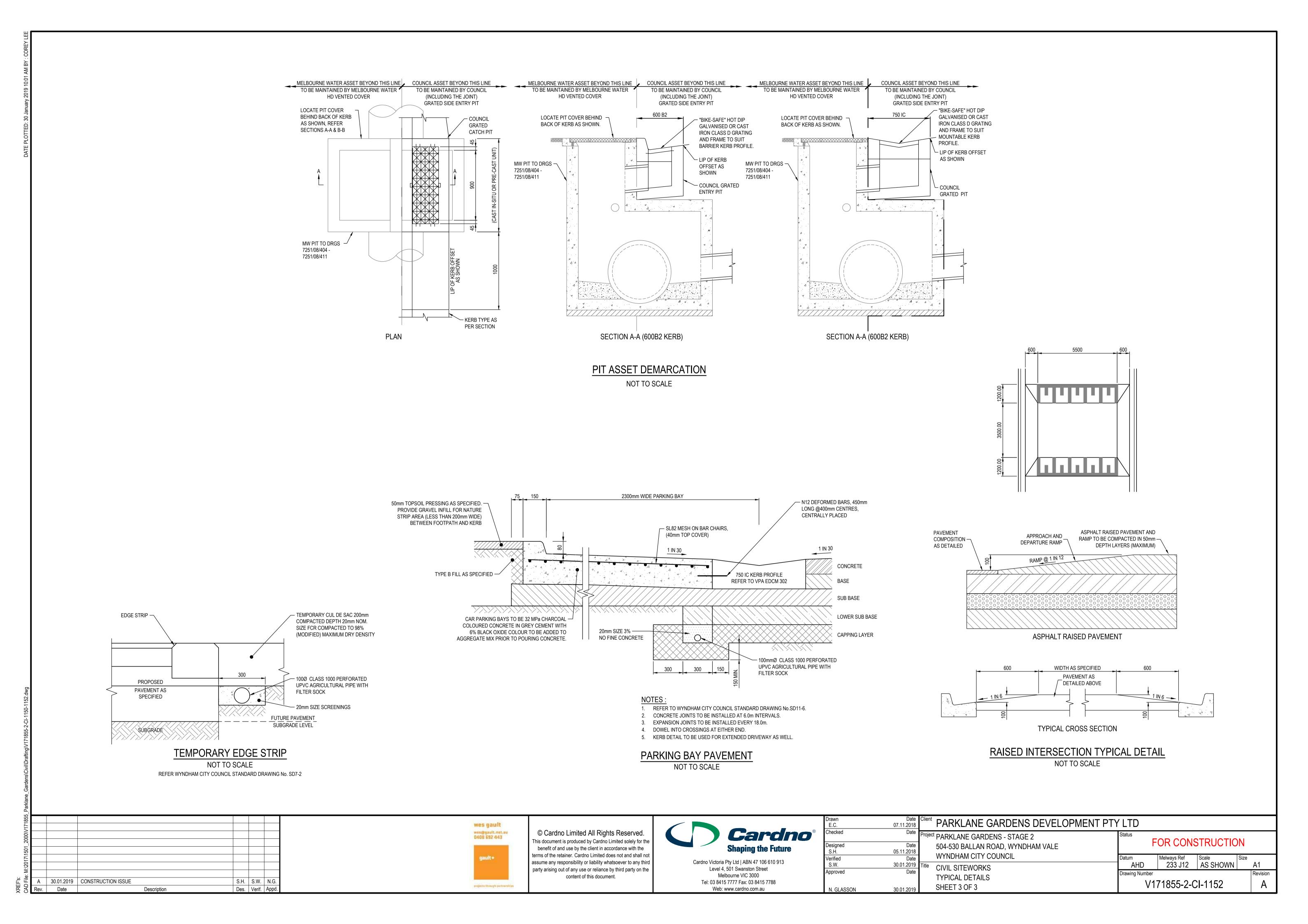
Α	30.01.2019	CONSTRUCTION ISSUE	S.H.	S.W.	N.G.
Rev.	Date	Description	Des.	Verif.	Appd.

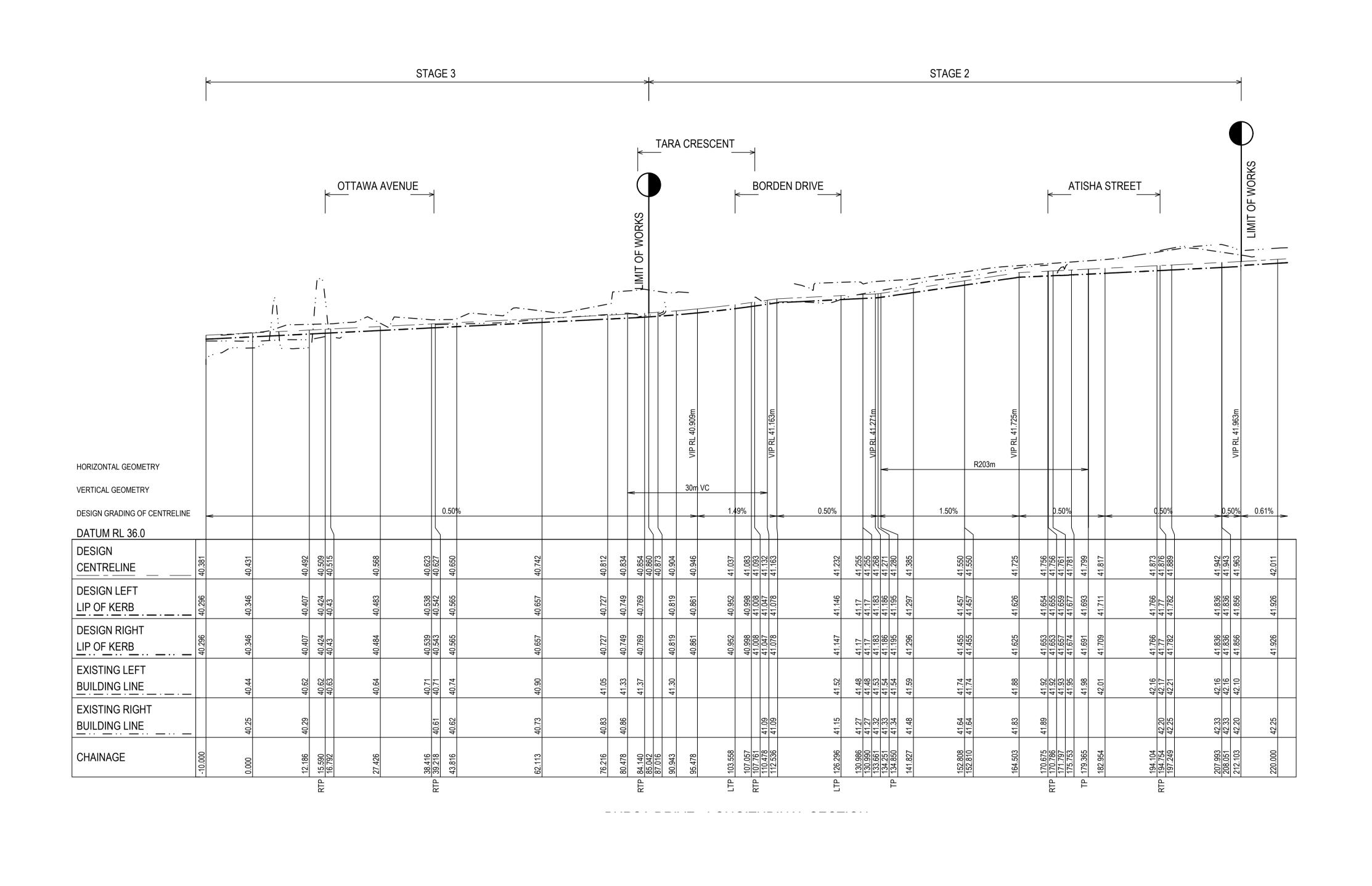
wes gault wes@gault.net.ou 0408 692 443 projects through partnerships

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	Date 07.11.2018	PARKLANE GARDENS DEVELOPMENT PTY	LTD				
Checked	Date	Project PARKLANE GARDENS - STAGE 2	Status	OD CONG	STRUCTIO	NI.	
Designed S.H. (Date 05.11.2018	504-530 BALLAN ROAD, WYNDHAM VALE	Г	OR CONS	STRUCTIO	אוי	
Verified S.W.	Date 30.01.2019		Datum AHD	Melways Ref 233 J12	Scale AS SHOWN	Size	41
Approved	Date	CIVIL SHEWORKS	Drawing Number	200 0 12	AO OHOWN		Revision
N. GLASSON	30.01.2019	SHEET 2 OF 3	V1	71855-2-0	CI-1151		Α





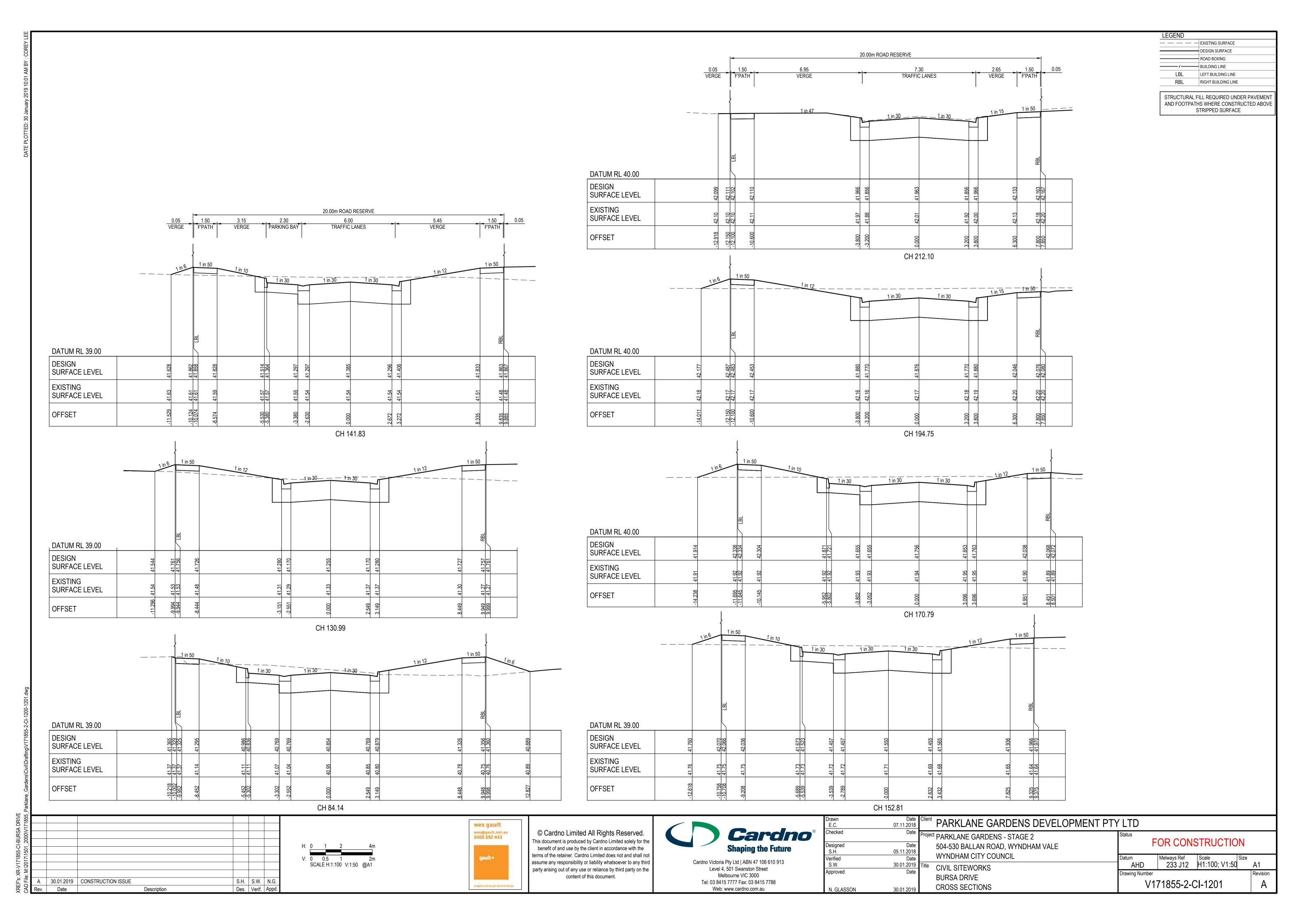
H: 0 10 20m
V: 0 1 2m
SCALE H:1:500 V:1:50 @A1

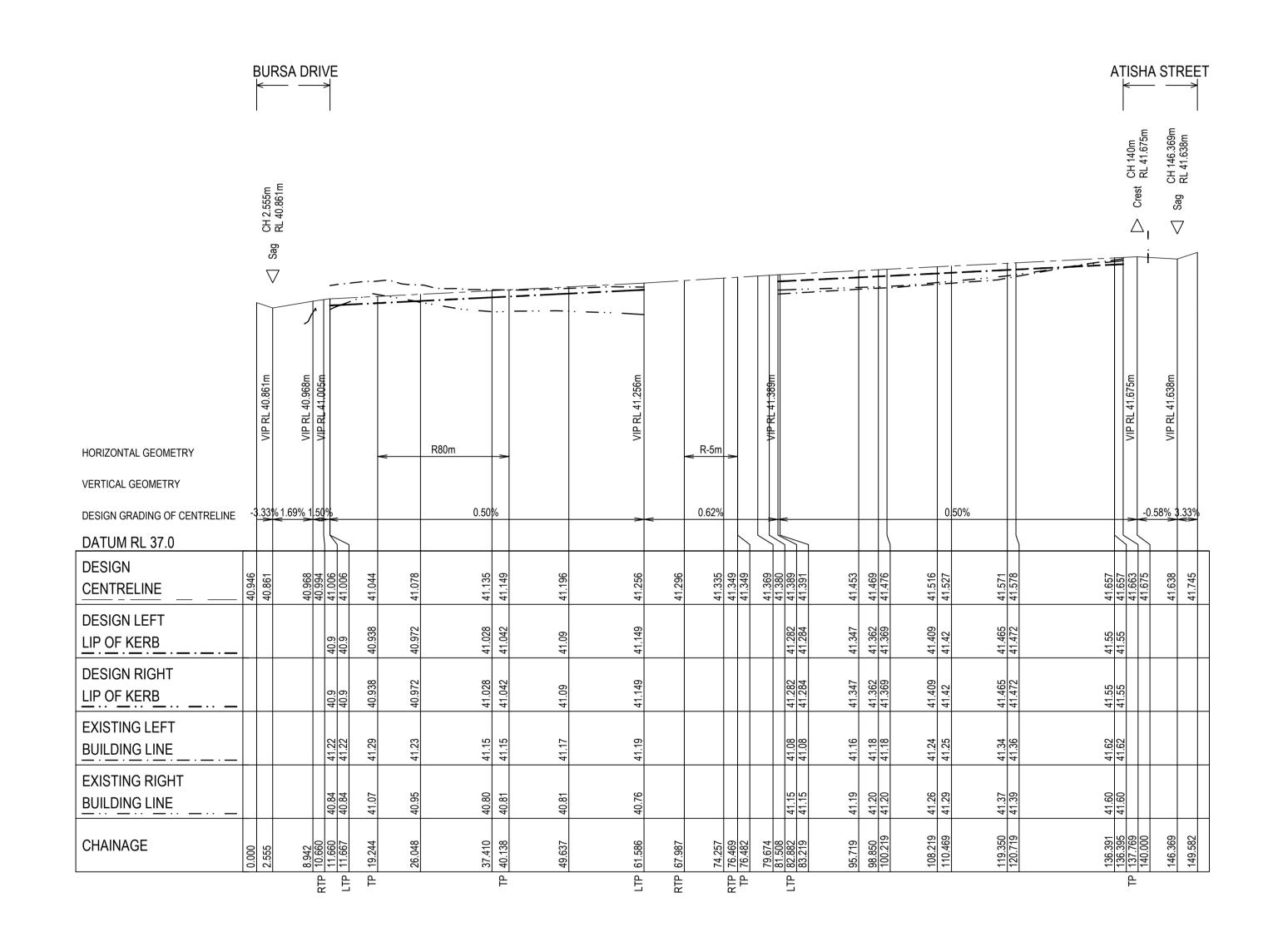
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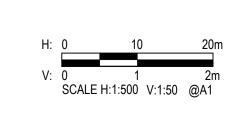
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Drawn E.C.	07.11.2018	Client PARKLANE GARDENS DEVELO	PMENT PTY LTD			
Checked	Date	Project PARKLANE GARDENS - STAGE 2	Status		STRUCTION	
Designed S.H.	Date 05.11.2018	504-530 BALLAN ROAD, WYNDHAM VALE	Г	OR CON	STRUCTION	
Verified	Date	WYNDHAM CITY COUNCIL	Datum	Melways Ref	Scale Size	
S.W.		Title CIVIL SITEWORKS	AHD	233 J12	H1:500; V1:50	A1
Approved	Date	BURSA DRIVE	Drawing Number			Revision
N. GLASSON	30.01.2019	LONGITUDINAL SECTION	V17	71855-2-0	CI-1200	Α





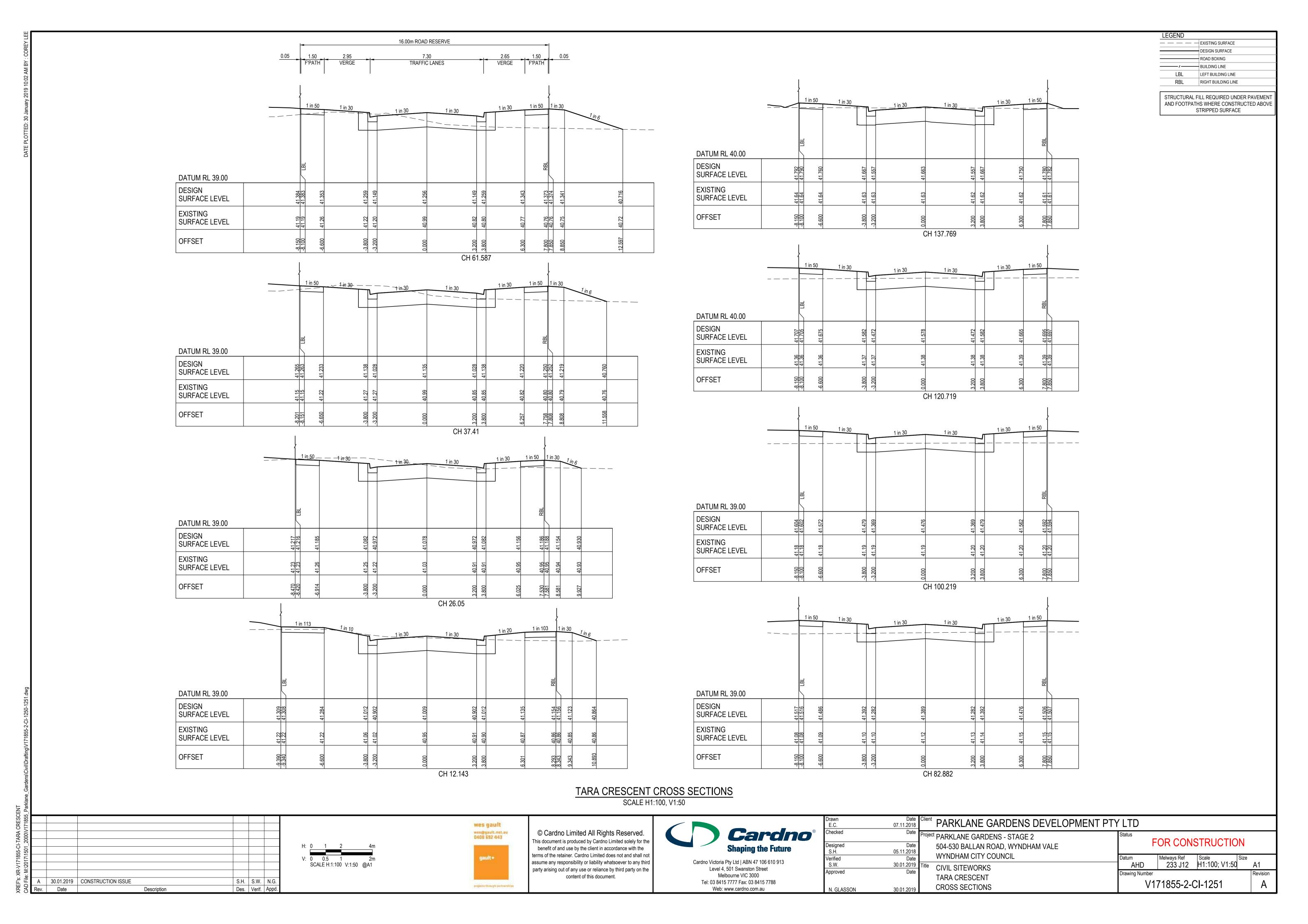




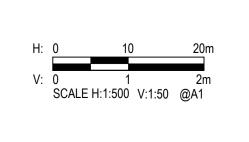


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Web: www.cardno.com.au

Drawn E.C.	Date 07.11.2018	Client PARKLANE GARDENS DEVELOPM	IENT PTY LTD	
Checked	Date	Project PARKLANE GARDENS - STAGE 2	Status FOR CONCTRUCTION	
Designed S.H.	Date 05.11.2018	504-530 BALLAN ROAD, WYNDHAM VALE	FOR CONSTRUCTION	
Verified	Date	WYNDHAM CITY COUNCIL	Datum Melways Ref Scale Siz	
S.W.		Title CIVIL SITEWORKS	AHD 233 J12 H1:500; V1:50	A1
Approved	Date	TARA CRESCENT	Drawing Number	Revision
N. GLASSON	30.01.2019	LONGITUDINAL SECTION	V171855-2-CI-1250	A



ATISHA STREET LONGITUDINAL SECTION
SCALE H1:500, V1:50





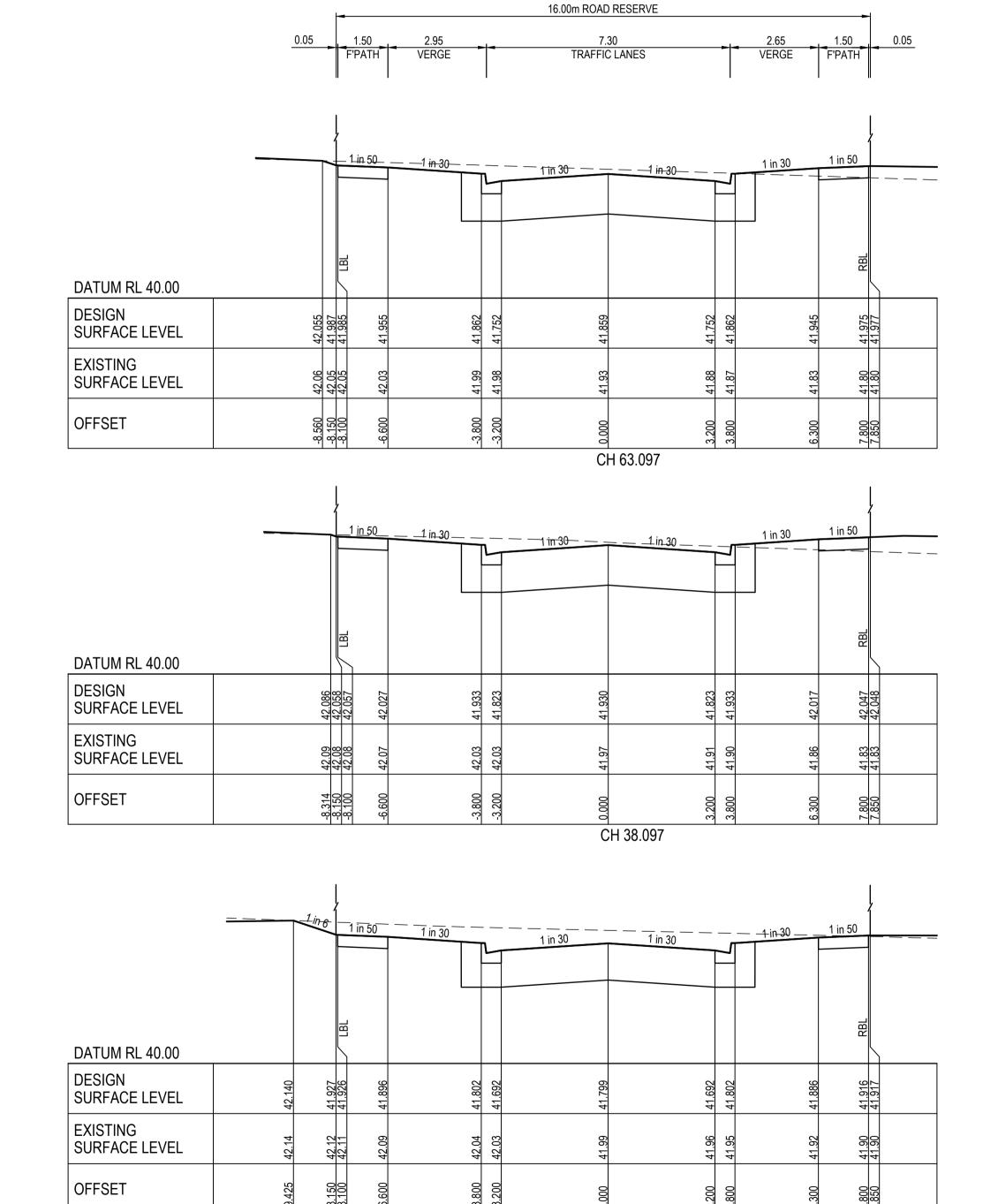


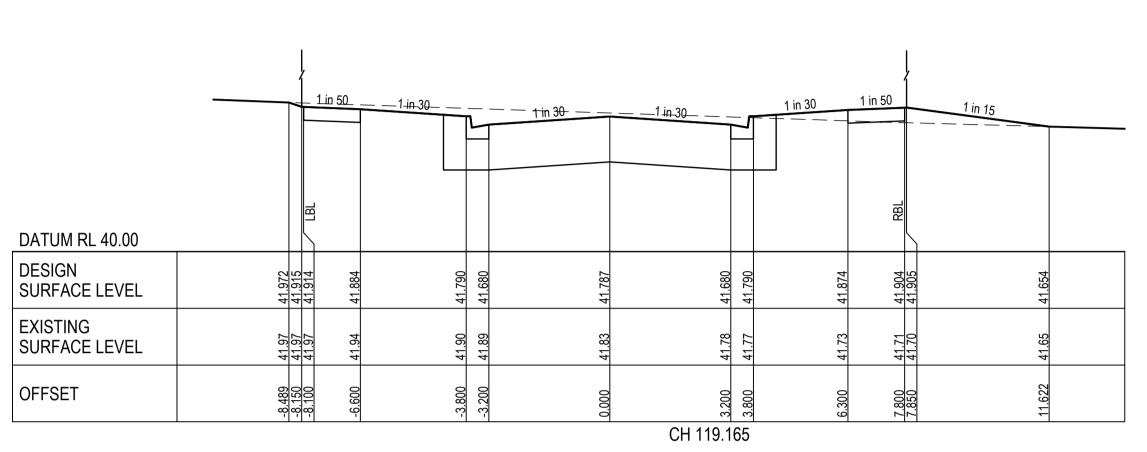
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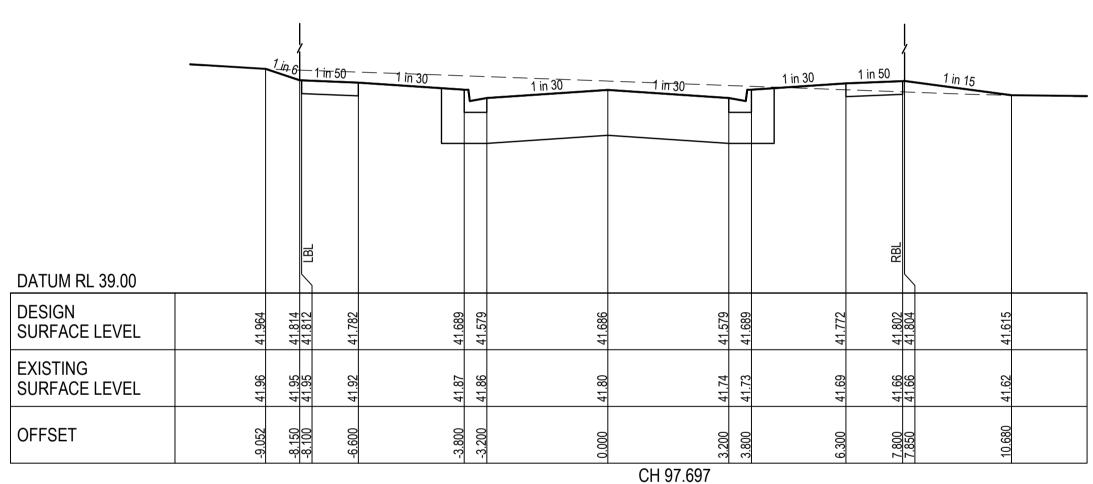
Drawn E.C.	07.11.2018	Client PARKLANE GARDENS DEVELOPMI	ENT PTY LTD			
Checked	Date	Project PARKLANE GARDENS - STAGE 2	Status		CTDUCTION	
Designed	Date	504-530 BALLAN ROAD, WYNDHAM VALE		FUR CUN	STRUCTION	
S.H.	05.11.2018	,				
Verified	Date	WYNDHAM CITY COUNCIL	Datum	Melways Ref	Scale Size	
S.W.	30.01.2019	Title CIVIL SITEWORKS	AHD	233 J12	H1:500; V1:50	A1
Approved	Date		Drawing Number			Revision
		ATISHA STREET				-
N. GLASSON	30.01.2019	LONGITUDINAL SECTION	V	171855-2-0	CI-1300	A

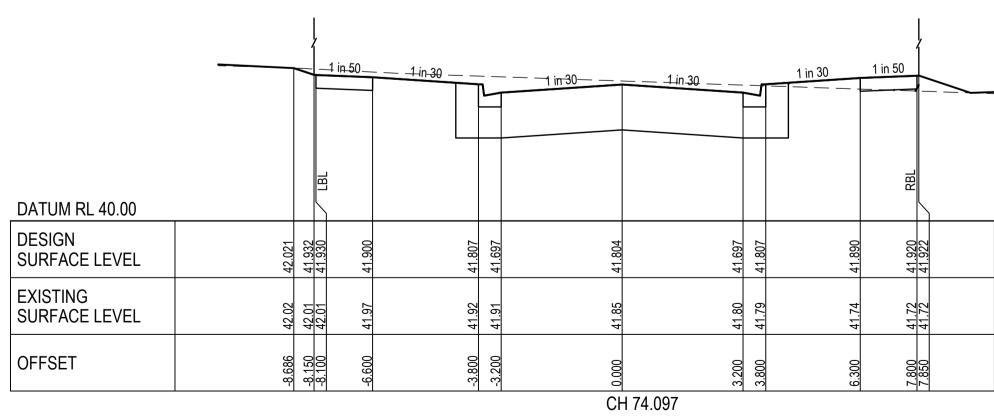
LEGEND — — — EXISTING SURFACE DESIGN SURFACE ROAD BOXING BUILDING LINE LBL LEFT BUILDING LINE RBL RIGHT BUILDING LINE

> STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE STRIPPED SURFACE









ATISHA STREET CROSS SECTIONS SCALE H1:100, V1:50

	S.H.	S.W.	N.G.
Description	Des.	Verif.	Appd.

30.01.2019 CONSTRUCTION ISSUE

Date

wes gault wes@gault.net.au 0408 692 443 projects through partnerships

CH 11.870

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E.C. 07.11.2018	Client PARKLANE GARDENS DEVELOPMENT PT	Y LTD			
	Project PARKLANE GARDENS - STAGE 2	Status		STRUCTION	
Designed Date S.H. 05.11.2018	504-530 BALLAN ROAD, WYNDHAM VALE		FUR CON	STRUCTION	
Verified Date	WYNDHAM CITY COUNCIL	Datum	Melways Ref	Scale Size H1:100; V1:50	
S.W. 30.01.2019 Approved Date	CIVIL SITEWORNS	AHD Drawing Number	233 J12	П1.100, V1.50	A1 Revision
N. GLASSON 30.01.2019	ATISHA STREET CROSS SECTIONS		171855-2-0	CI-1301	A

> STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE STRIPPED SURFACE

	LOT 215	4.0 RIGID DR			0.20 ENCE	STAGE 3 I	RESERVE
		1 in 50	1 in 50	1 in 30			
DATUM RL 39.00							
DESIGN SURFACE LEVEL	41.046	41.006	41.046	41.013	40.908		
EXISTING SURFACE LEVEL	41.02	40.97	40.93	40.92	40.91		
OFFSET	00	00	00	00	80		

		1 in 50	1 in 50	1 in 30	1 in 6	
				· — –		
DATUM RL 39.00						
DESIGN SURFACE LEVEL	41.273	41.233	41.273	41.239	40.875	
EXISTING SURFACE LEVEL	41.05	40.97	40.94	40.92	40.87	
OFFSET	-2.000	0.000	2.000	3.000	5.187	
			Cl	H 14.1		

		1 in 50	1 in 50	1 in 30	
		,			1 in 6
				- — –	
DATUM RL 39.00					
DESIGN SURFACE LEVEL	41.499	41.459	41.499	41.466	40.710
EXISTING SURFACE LEVEL	40.98	40.84	40.79	40.77	40.71
OFFSET	-2.000	0.000	2.000	3.000	7.538
				С	H 0

OSHAWA LANE CROSS SECTIONS
SCALE H1:100, V1:50

		<u> </u>	- -		
		- <u></u> :=:	_		
HORIZONTAL GEOMETRY					
VERTICAL GEOMETRY					
DESIGN GRADING OF CENTRELINE			-1.6	1%	
DATUM RL 37.0					
DESIGN					
CENTRELINE	41.459		41.233	41.122	41.006
<u></u>	4		41	4	4
DESIGN LEFT	66:		273	62	
LIP OF KERB	41.499		41.273	41.162	
DESIGN RIGHT	6		က	5	
LIP OF KERB	41.499		41.273	41.162	
EXISTING LEFT					
BUILDING LINE	40.98		41.05	41.04	
EXISTING RIGHT	4		4	4	
BUILDING LINE	40.79		40.94	40.90	
	40		40	40	
CHAINAGE	0		00	00	8
	0.000		14.100	21.000	28.200

OSHAWA LANE LONGITUDINAL SECTION
SCALE H1:500, V1:50

					H:	0	1
					ļ ,,		
					V:	0 SCALE	
						JUALL	11.1.500
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2019	CONSTRUCTION ISSUE	S.H.	S.W.	N.G.	1	SCALE	H:1:100
Э	Description	Des.	Verif.	Appd.			

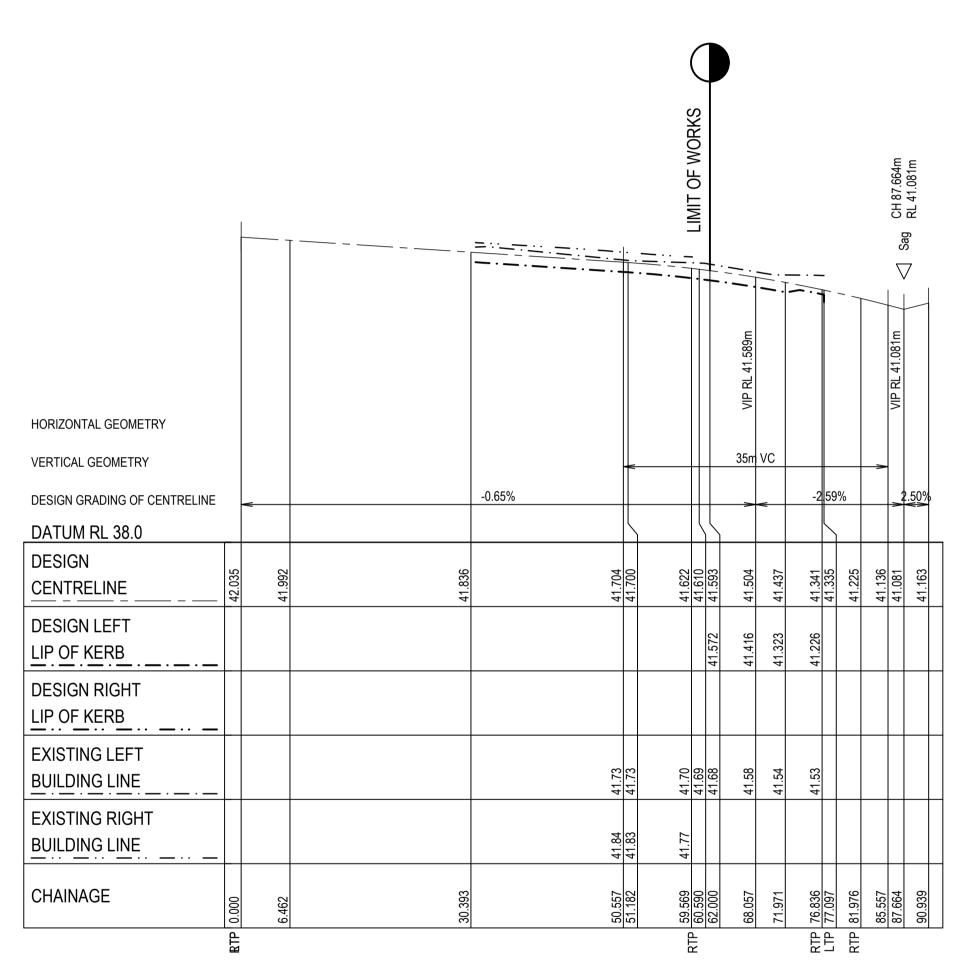




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Drawn E.C.	Date 07.11.2018	PARKLANE GARDENS DEVELOPMENT	PTY LTD						
Checked	Date F	Project PARKLANE GARDENS - STAGE 2	Status FOR CONSTRUCTION						
Designed S.H.	Date 05.11.2018	504-530 BALLAN ROAD, WYNDHAM VALE		FOR CONSTRUCTION					
Verified S.W.	Date 30.01.2019	WYNDHAM CITY COUNCIL Title CIVIL SITEWORKS	Datum AHD	Melways Ref 233 J12	Scale AS SHOWN	Size A1			
Approved	Date	OSHAWA LANE LONGITUDINAL AND CROSS SECTIONS	Drawing Number						
N. GLASSON	30.01.2019	LONGITUDINAL AND GROSS SECTIONS	<u>, , , , , , , , , , , , , , , , , , , </u>				Α		

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE STRIPPED SURFACE



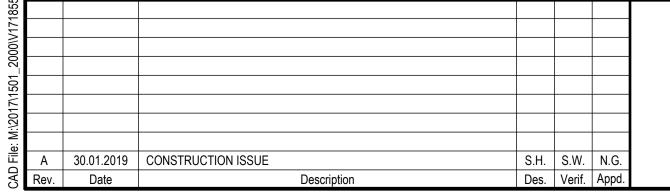
BORDEN DRIVE LONGITUDINAL SECTION SCALE H1:500, V1:50

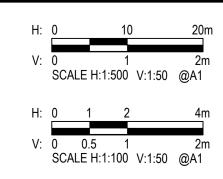
		<u>n 30</u>		
			11122	.0
DATUM RL 40.00				
DESIGN SURFACE LEVEL	41.519	41.333	41.335	41.268
EXISTING SURFACE LEVEL	41.52	41.48	41.56	41.53
OFFSET	-8.683	-3.085	0.000	2.672
	-	CH 77.097		,

		1 in 30	n -		<u>1 in 45</u>	1 in 15	
DATUM RL 40.00							
DESIGN SURFACE LEVEL	41.534	41.433	41.323	41.400	41.515	41.618	
EXISTING SURFACE LEVEL	41.53	41.56	41.46	41.53	41.59	41.62	
OFFSET	-8.862	-5.817	-5.159	-3.204	0.000	2.789	
				CH 71.	971		

		1 in 231		1 in 108	1 in 766	1 in 127		1 in 117
DATUM RL 40.00								
DESIGN SURFACE LEVEL	41.677	41.658	41.572	41.588	41.593	41.611	41.605	407.1
EXISTING SURFACE LEVEL	41.68	41.66	41.57	41.59	41.60	41.61	41.61	
OFFSET	-9.819	-5.614	-4.956	-3.204	0000	2.366	2.880	-
					CH 6	52	•	<u> </u>

BORDEN DRIVE CROSS SECTIONS
SCALE H1:100, V1:50



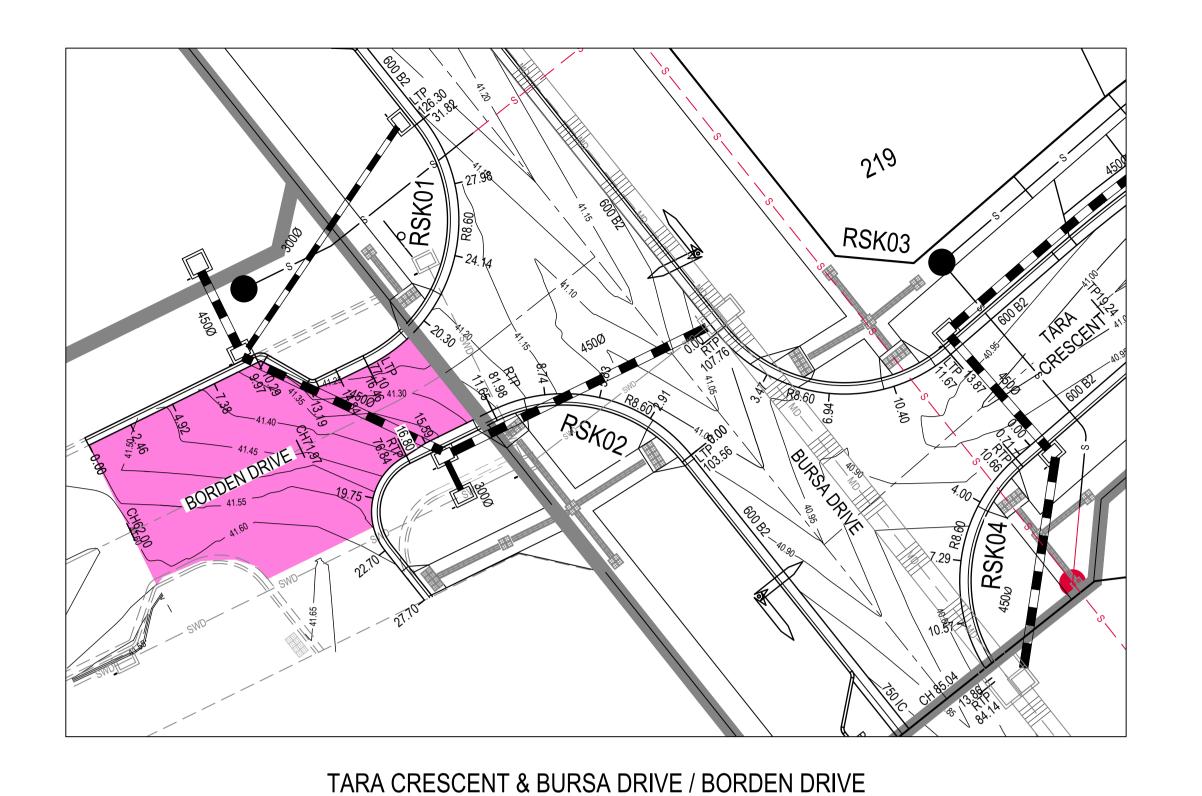






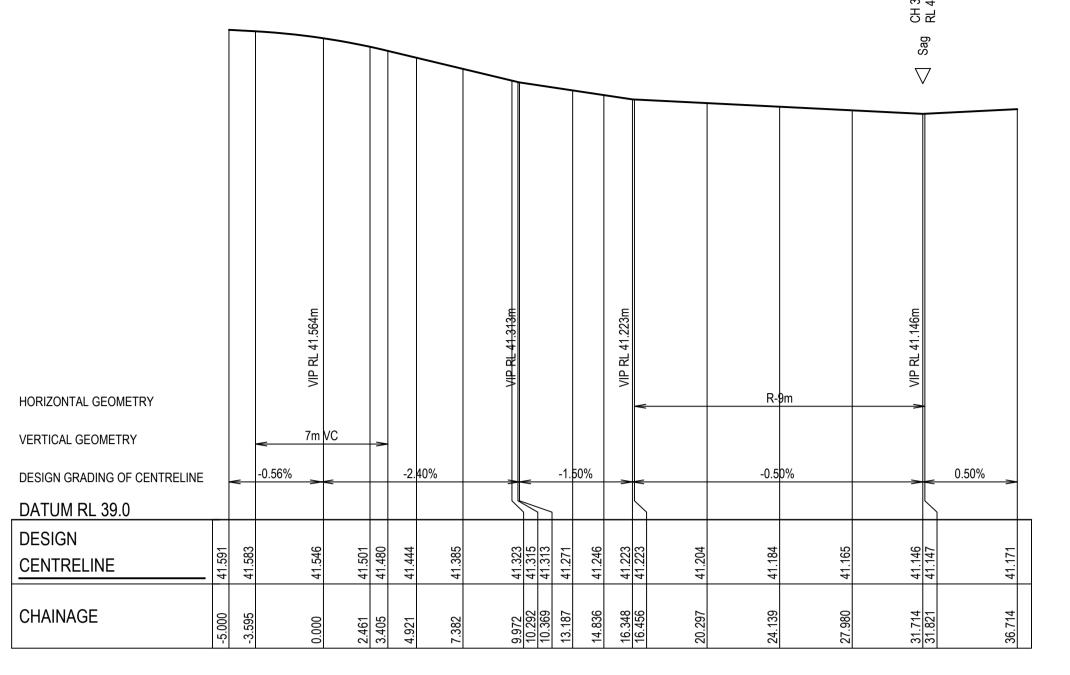
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Drawn E.C.	07.11.2018	Client PARKLANE GARDENS DEVELOPMENT PTY	/ LTD					
Checked	Date	Project PARKLANE GARDENS - STAGE 2	Status		STOLICTIC) N I		
Designed S.H.	Date 05.11.2018	504-530 BALLAN ROAD, WYNDHAM VALE	FOR CONSTRUCTION					
Verified S.W.	Date 30.01.2019		Datum AHD	Melways Ref 233 J12	Scale AS SHOWN	Size	A 1	
Approved	Date	CIVIL SHEWORKS	Drawing Number				Revision	
N. GLASSON	30.01.2019	BORDEN DRIVE LONGITUDINAL AND CROSS SECTIONS	V171855-2-CI-1400				Α	

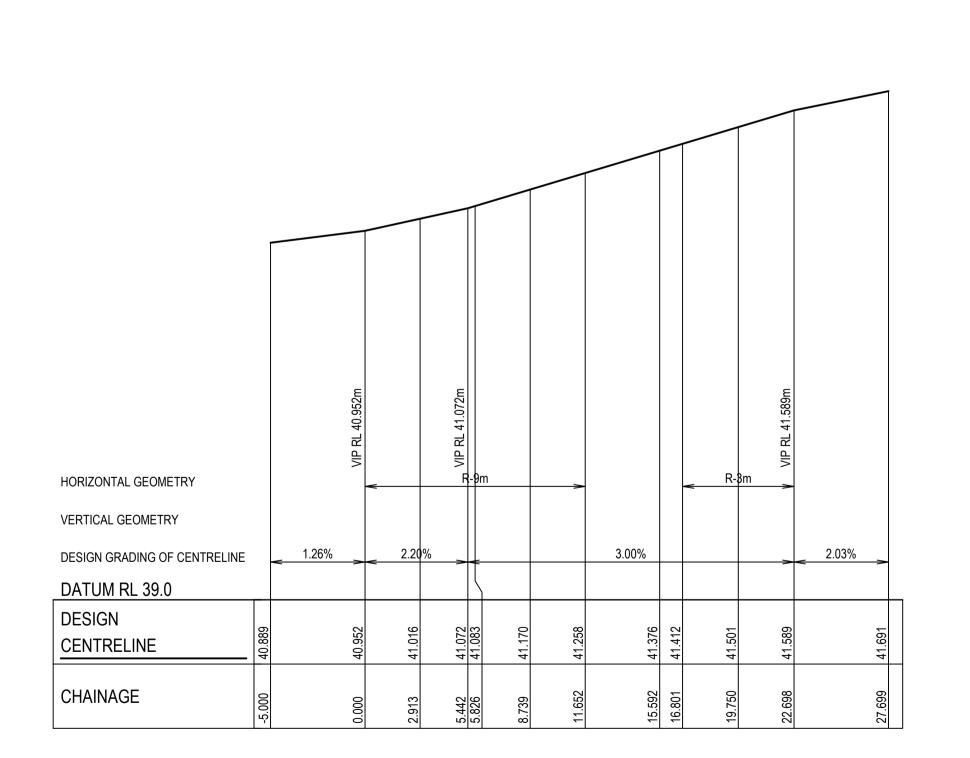


& BURSA DRIVE INTERSECTION DETAIL

SCALE 1:200



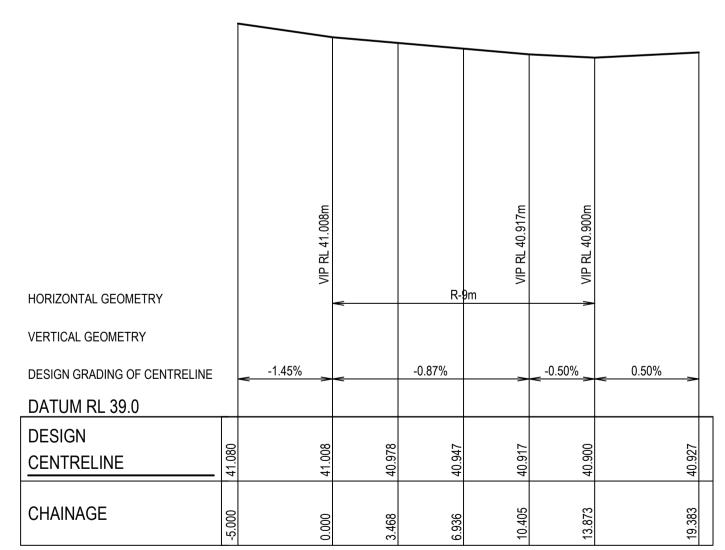
RSK01 - LONGITUDINAL SECTIONS
SCALE H1:200, V1:20

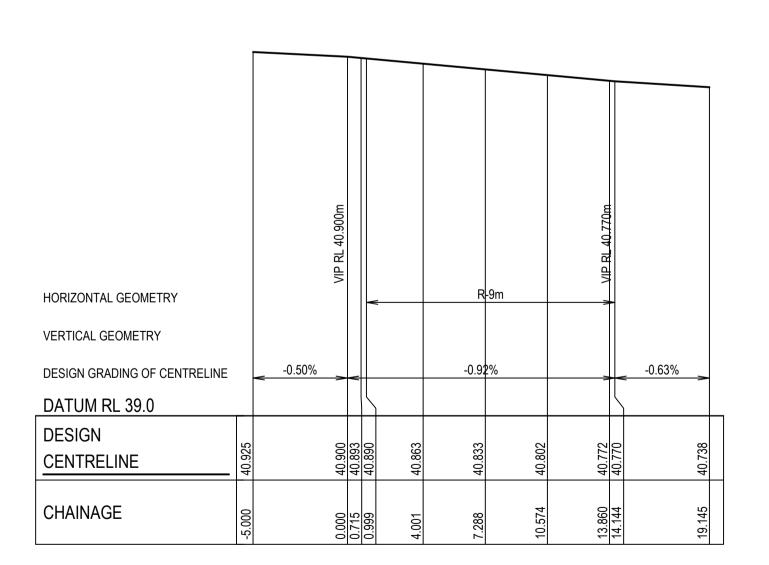


RSK02 - LONGITUDINAL SECTIONS

SCALE H1:200, V1:20

Des. Verif. Appd.





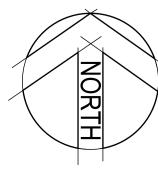
RSK03 - LONGITUDINAL SECTIONS
SCALE H1:200, V1:20

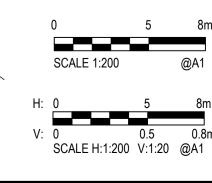
RSK04 - LONGITUDINAL SECTIONS
SCALE H1:200, V1:20

A 30.01.2019 CONSTRUCTION ISSUE S.H. S.W. N.G.

Description

Rev. Date





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					WYP9651/16			
Drav E.0	C. 07.11.2018	Client PARKLANE GARDENS DEVELOPMENT PTY						
Che	cked Date	Project PARKLANE GARDENS - STAGE 2	Status					
Desi S.I	gned Date H. 05.11.2018	504-530 BALLAN ROAD, WYNDHAM VALE	FOR CONSTRUCTION					
Veri	fied Date		Datum	Melways Ref	Scale	Size	۸.4	
S.\ App	N. 30.01.2019 roved Date	CIVIL SHEWORKS	AHD	233 J12	AS SHOWN		A1 Revision	
, ,,,,,	pproved	INTERSECTION DETAILS	· ·			۸		
N.	GLASSON 30.01.2019	SHEET 1 OF 3	VI	71855-2-CI-1450			А	

DESIGN SURFACE

DIRECTIONAL TACTILE GROUND SURFACE INDICATORS

PROPOSED AGRICULTURAL DRAIN WITH FLUSH OUT RISER

PROPOSED SEWER, MAINT. STRUCTURES

S — EXISTING SEWER, MAINT. STRUCTURES

X X EXISTING FEATURES TO BE REMOVED

"NO ROAD" SIGN AND BARRIER

PROPOSED TRAFFIC SIGN

PROPOSED STREET SIGN

REPLACE EXISTING PAVEMENT WORKS

EXPOSED AGGREGATE CONCRETE

PROPOSED STORMWATER DRAIN, PIT AND DIAMETER

2000 EXISTING STORMWATER DRAIN, PIT AND DIAMETER

PROPOSED SWALE DRAIN

LINEMARKING AND RRPM'S
P100.00 PAVEMENT LEVELS
SAWCUT JOINT

DEJ DOWELLED EXPANSION JOINT

PARKING BAY

LANDSCAPING (BY OTHERS)

FOR LINEMARKING AND SIGNAGE DETAILS

REFER TO DRAWING No V171855-2-CI-1500

CONTRACTOR TO VERIFY EXISTING SERVICES CONNECTION LEVELS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES MUST BE IMMEDIATELY

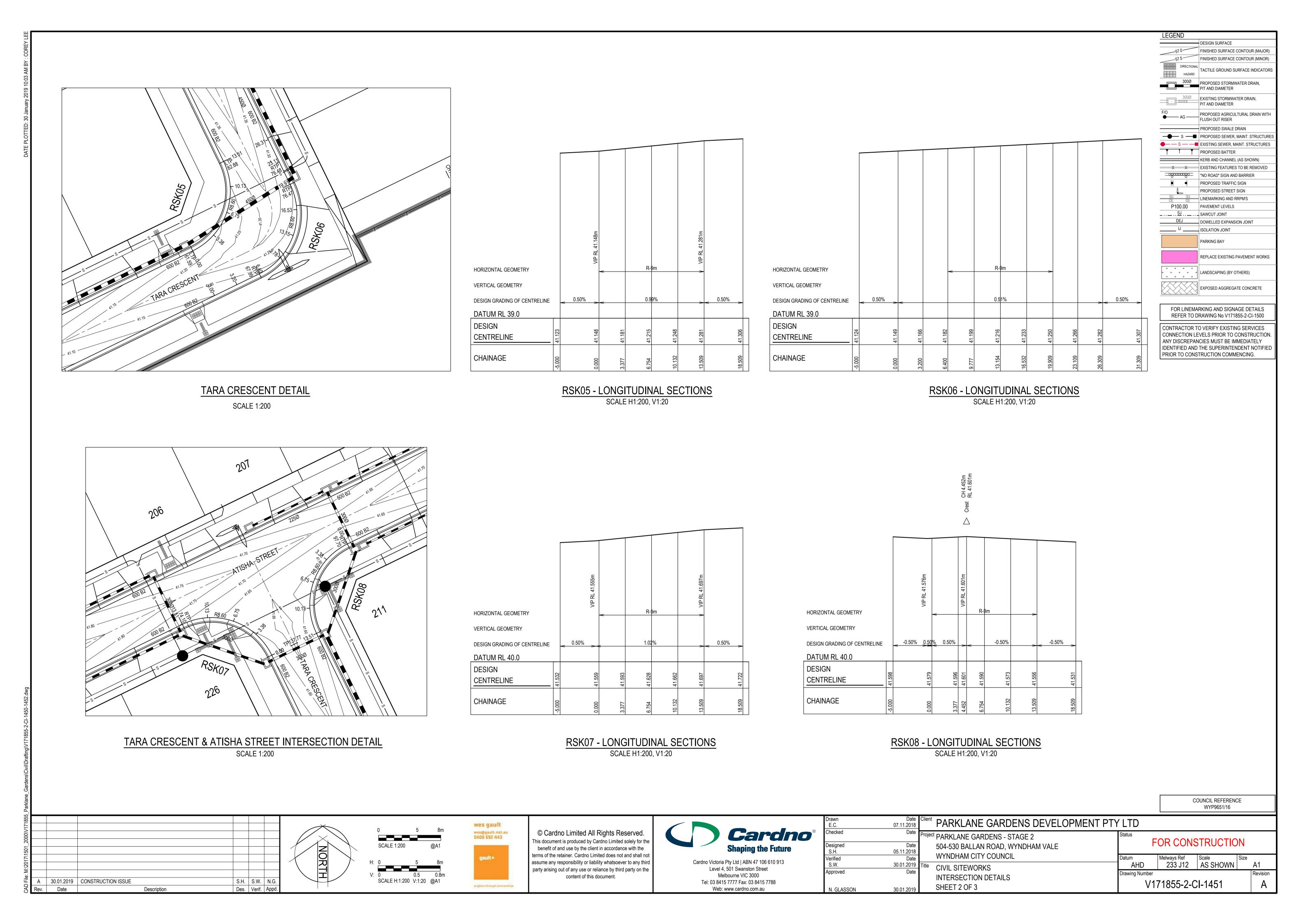
DENTIFIED AND THE SUPERINTENDENT NOTIFIED PRIOR TO CONSTRUCTION COMMENCING.

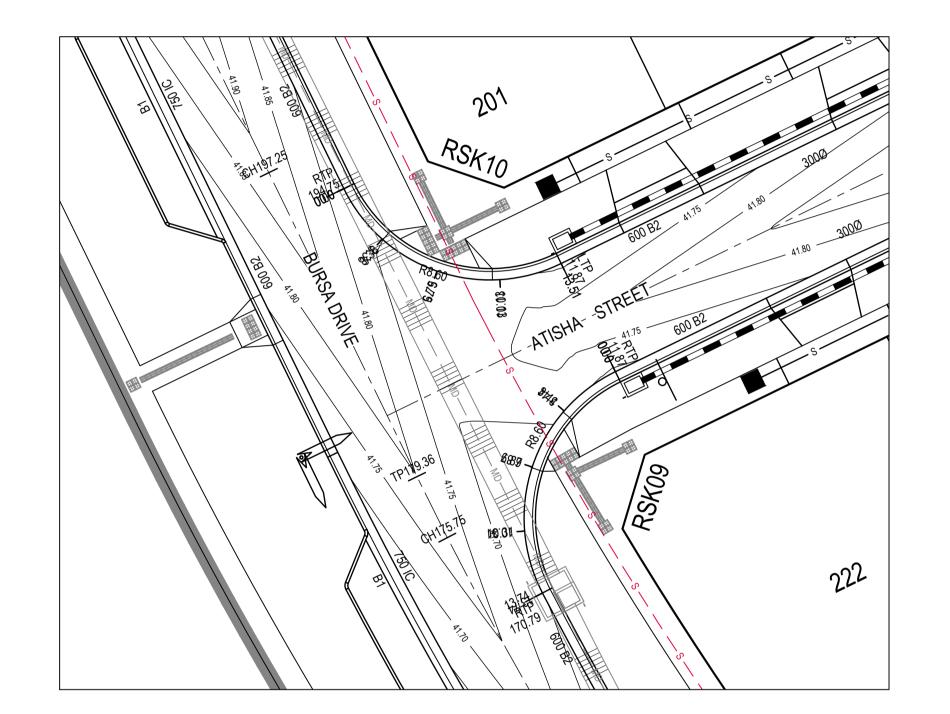
COUNCIL REFERENCE

_____IJ _____ISOLATION JOINT

PROPOSED BATTER

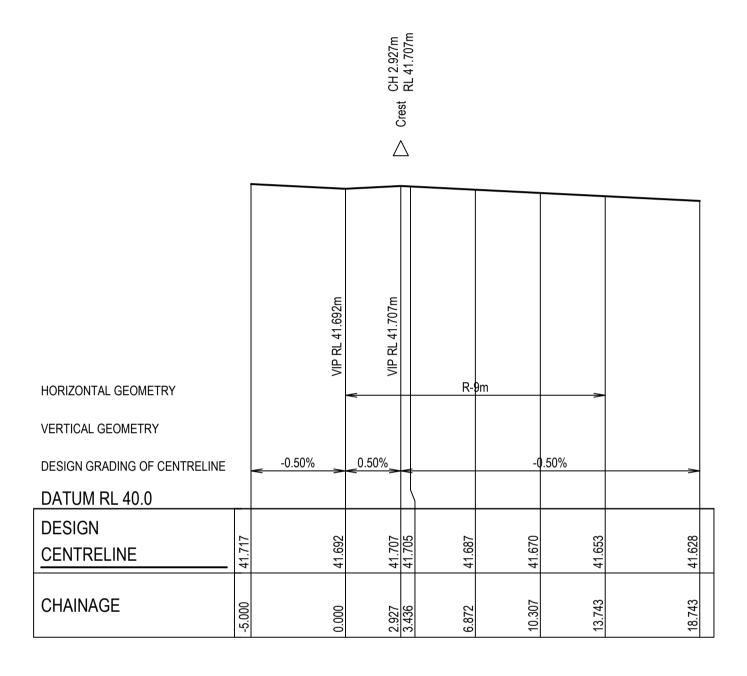
FINISHED SURFACE CONTOUR (MAJOR)
FINISHED SURFACE CONTOUR (MINOR)



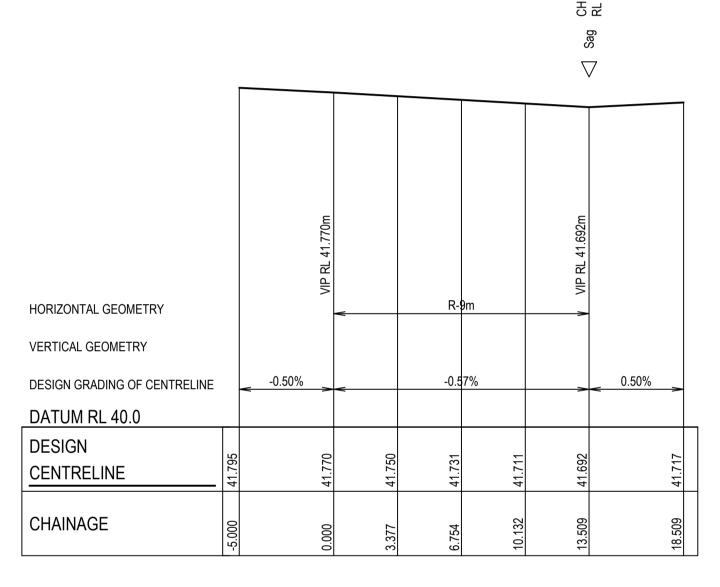


BURSA DRIVE & ATISHA STREET INTERSECTION DETAIL

SCALE 1:200



RSK09 - LONGITUDINAL SECTION SCALE H1:200, V1:20



RSK10 - LONGITUDINAL SECTIONS
SCALE H1:200, V1:20

COUNCIL REFERENCE WYP9651/16

LEGEND

DESIGN SURFACE

57.0

FINISHED SURFACE CONTOUR (MAJOR)

FINISHED SURFACE CONTOUR (MINOR)

DIRECTIONAL HAZARD TACTILE GROUND SURFACE INDICATORS

300Ø PROPOSED STORMWATER DRAIN, PIT AND DIAMETER

3000 EXISTING STORMWATER DRAIN, PIT AND DIAMETER

PROPOSED SWALE DRAIN

T PROPOSED BATTER

PROPOSED AGRICULTURAL DRAIN WITH FLUSH OUT RISER

PROPOSED SEWER, MAINT. STRUCTURES

S — EXISTING SEWER, MAINT. STRUCTURES

PROPOSED STREET SIGN

KERB AND CHANNEL (AS SHOWN)

EXISTING FEATURES TO BE REMOVED

"NO ROAD" SIGN AND BARRIER

PROPOSED TRAFFIC SIGN

LINEMARKING AND RRPM'S
P100.00 PAVEMENT LEVELS

DEJ DOWELLED EXPANSION JOINT

LANDSCAPING (BY OTHERS)

PARKING BAY

REPLACE EXISTING PAVEMENT WORKS

EXPOSED AGGREGATE CONCRETE

FOR LINEMARKING AND SIGNAGE DETAILS REFER TO DRAWING No V171855-2-CI-1500

CONTRACTOR TO VERIFY EXISTING SERVICES
CONNECTION LEVELS PRIOR TO CONSTRUCTION.
ANY DISCREPANCIES MUST BE IMMEDIATELY
IDENTIFIED AND THE SUPERINTENDENT NOTIFIED
PRIOR TO CONSTRUCTION COMMENCING.

SAWCUT JOINT

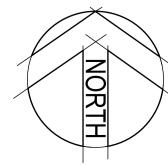
_____IJ ____ISOLATION JOINT

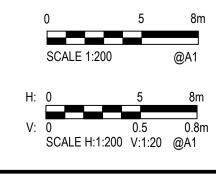
A 30.01.2019 CONSTRUCTION ISSUE

Rev. Date

Description

Des. Verif. Appd.





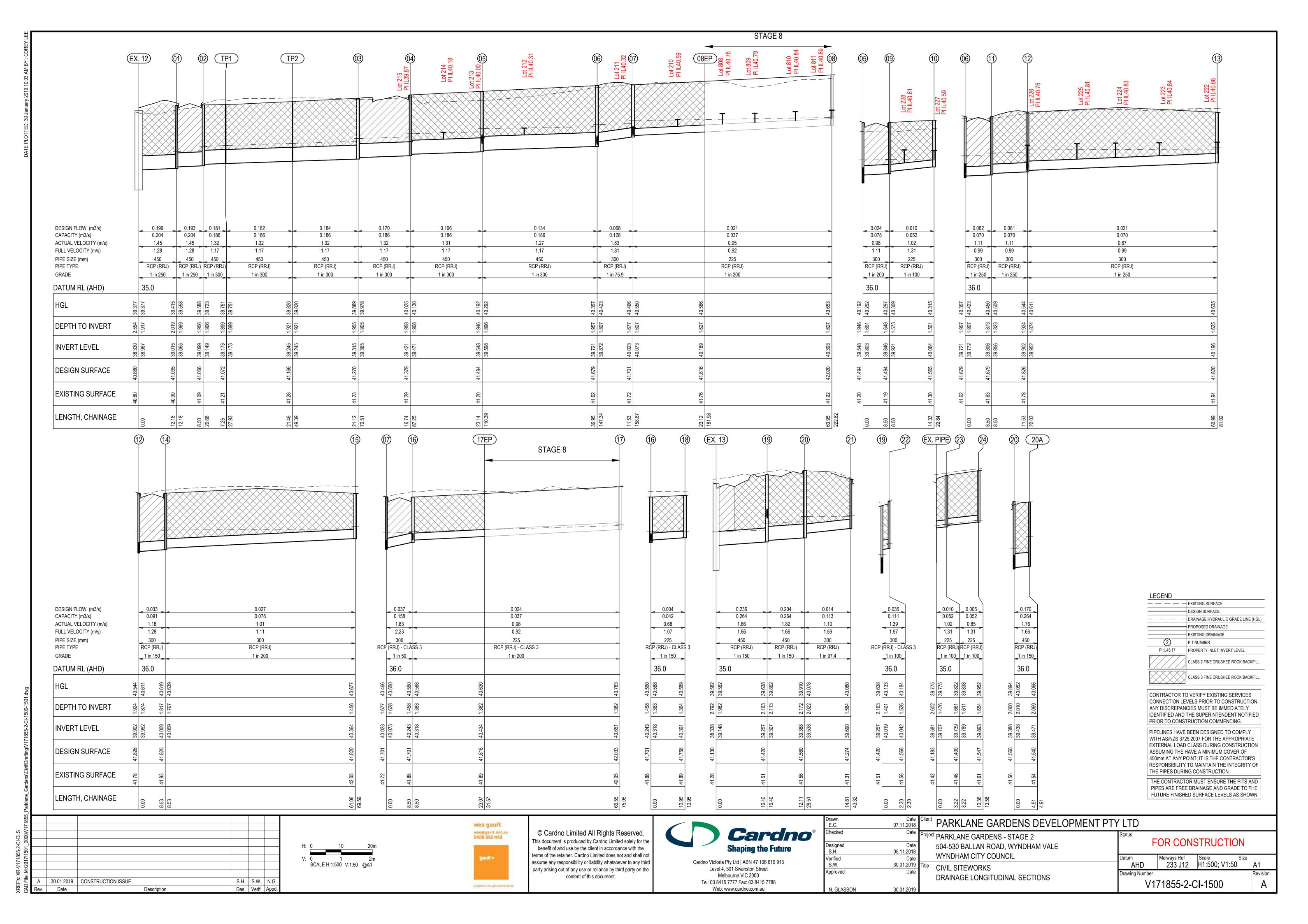
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0408 692 443

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Drawn E.C.	07.11.2018	Client PARKLANE GARDENS DEVELOPMEN	T PTY LTD		
Checked	Date	Project PARKLANE GARDENS - STAGE 2	Status		CTDLICT
Designed S.H.	Date 05.11.2018	504-530 BALLAN ROAD, WYNDHAM VALE		FOR CON	SIRUCII
Verified	Date	WYNDHAM CITY COUNCIL	Datum	Melways Ref	Scale
S.W.	30.01.2019	Title CIVIL SITEWORKS	AHD	233 J12	AS SHOW
Approved	Date	INTERSECTION DETAILS	Drawing Number	•	
N. GLASSON	30.01.2019	SHEET 3 OF 3	V	171855-2-0	CI-1452



									PIT SCH	EDULE
		INTEI	RNAL	INI	LET	OU ⁻	TLET	F	PIT	
PIT NO	TYPE	WD	LEN	DIA	INV LEV	DIA	INV LEV	FIN RL	DEPTH	REMARKS
Ex.12	Ex. MW JP	1900	1900	450	38.967	Ex. 1350	Ex. 38.107	40.880	2.55	1- BREAK INTO EXISTING MW PIT AND CONNECT 450DIA PIPE AS PER MWC STD. DWG.7251/08/424 2- ADJUST COVER LEVEL TO MATCH DESIGN LEVEL AS PER MWC STD. DWG.7251/08/417 3- CONVERT TO GSEP AS PER PIT ASSET DEMARCATION DETAIL
				Ex. 1350	Ex. 38.157					
1	GSEP	600	900	450	39.065	450	39.015	41.035	2.01	REFER EDCM 601 & 605
2	GSEP	600	900	450	39.149	450	39.099	41.056	1.96	REFER EDCM 601 & 605
3	GSEP	600	900	450	39.365	450	39.315	41.270	1.96	REFER EDCM 601 & 605
4	GSEP	600	900	450	39.471	450	39.421	41.379	1.96	REFER EDCM 601 & 605
5	GSEP	600	900	450	39.598	450	39.548	41.494	1.95	REFER EDCM 601 & 605
	0055	000	222	300	39.803	450	20.704	44.070	1.00	
6	GSEP	600	900	300	39.872 39.772	450	39.721	41.679	1.96	REFER EDCM 601 & 605
7	DSEP	600	900	225	40.073	300	40.023	41.701	1.68	REFER EDCM 602 & 605
1	DOLF	000	300	300	40.073	300	40.023	41.701	1.00	REFER EDGW 002 & 003
8EP	END PIPE				10.070	225	40.179			BLANK END OF PIPE
9	GSEP	600	900	225	39.921	300	39.846	41.494	1.65	REFER EDCM 601 & 605
10	JP	600	900	220	00.021	225	40.064	41.565	1.50	REFER EDCM 605
11	GSEP	600	900	300	39.856	300	39.806	41.679	1.87	REFER EDCM 601 & 605
12	GSEP	600	900	300	39.952	300	39.902	41.826	1.92	REFER EDCM 601 & 605
	002.			300	39.952		00.002	11.020	1.02	
13	GSEP	600	900			300	40.196	41.820	1.63	REFER EDCM 601 & 605
14	GSEP	600	900	300	40.059	300	40.009	41.825	1.82	REFER EDCM 601 & 605
15	GSEP	600	900			300	40.364	41.820	1.46	REFER EDCM 601 & 605
16	DSEP	600	900	225	40.318	300	40.243	41.701	1.46	REFER EDCM 602 & 605
				225	40.318					
17EP	END PIPE					225	40.434			BLANK END OF PIPE
18	JP	600	900			225	40.391	41.756	1.36	REFER EDCM 605
Ex. 13	Ex. MW JP	1900	900	450	39.148	Ex. 1350	Ex. 38.339	41.130	2.79	1- REMOVE EXISTING 375DIA PIPE, GROUT AND REINSTATE AS PER MW STAND DWGS. 2- BREAK AND CONNECT 450DIA PIPE AS PER MWC STD. DWG.7251/08/424 3- ADJUST COVER LEVEL TO MATCH DESIGN LEVEL AS PER MWC STD. DWG.7251/08/417 4- CONVERT TO GSEP AS PER PIT TYPICAL DETAILS SHEET V171855-2-CI-1152
				Ex. 375	Ex. 40.148					
				Ex. 1350	Ex. 38.389					
19	GSEP	600	900	450	39.307	450	39.257	41.420	2.16	REFER EDCM 601 & 605
	2277	222	222	300	40.019		00.000	44 = 65	2.1-	
20	GSEP	600	900	300	39.538	450	39.388	41.560	2.17	REFER EDCM 601 & 605
20A	GP	900	900	450	39.438	450	39.471	41.54	2.07	REFER EDCM 605. PROVIDE 900 x 900 HOT DIP GALVANISED OR CAST IRON CLASS D GRATING AND FRAME.
20A 21	GSEP	600	900			300	39.471	41.54	1.58	REFER EDCM 605. PROVIDE 900 X 900 HOT DIP GALVANISED OR CAST IRON CLASS D GRATING AND FRAME. REFER EDCM 601 & 605
22	JP	900	600	Ex. 300	Ex. 40.35	300	40.042	41.566	1.52	REFER EDCM 605, CONNECT EXISTING 300DIA PIPE AND MAKE GOOD
Ex. Pipe	Ex. 1350Ø MWD	-	-	225	39.707	300	70.042	71.500	1.02	BREAK INTO EXISTING MW PIPE AND CONNECT 225DIA PIPE AS PER MWC STD. DWG.7251/08/425.
23	JP	600	900	225	39.789	225	39.739	41.400	1.66	REFER EDCM 605
24	JP	600	900		30.730	225	39.893	41.547	1.65	REFER EDCM 605
Ex. 14	Ex. MW JP	1900	900	Ex. 1350	38.894	Ex. 1350	38.844	41.762	3.32	ADJUST COVER LEVEL TO MATCH DESIGN LEVEL AS PER MWC STD. DWG.7251/08/417.
LX. 14	L∧. IVIVV JF	1900	900	LX. 1330	30.034	LA. 1330	30.044	41.702	3.32	ADUCCT COVER LEVEL TO IVIATOTI DECIGIN LEVEL ACT EN IVIVO STD. DVVG.1231/00/411.

- NOTES:

 1. ALL PITS ARE TO BE TO VPA STANDARDS UNLESS NOTED OTHERWISE.
- PITS DEEPER THAN 1.00m SHALL BE FITTED WITH STEPIRONS, FIRST STEPIRON TO BE 300mm FROM THE BOTTOM OF THE PIT. 3. COVER LEVELS TO BE SET TO MATCH THE FINISHED SURFACE PROFILES AND ADJACENT CONSTRUCTION.
- 4. GP = GRATED PIT, GSEP = GRATED SIDE ENTRY PIT, DGSEP = DOUBLE GRATED SIDE ENTRY PIT, SEP = SIDE ENTRY PIT, DSEP = DOUBLE SIDE ENTRY PIT, JP = JUNCTION PIT,
- EP = END OF PIPE, GEP = GRATED ENTRY PIT.
- 5. UNLESS OTHERWISE SPECIFIED, PIT TYPES REFER TO METROPOLITAN PLANNING AUTHORITY STANDARD DRAWINGS
 - EDCM 601 SIDE ENTRY PIT GRATED B2 KERB AND CHANNEL EDCM 602 DOUBLE SIDE ENTRY PIT GRATED 600B2 KERB AND CHANNEL
- EDCM 605 JUNCTION PIT 6. FOR HAUNCHED PITS REFER VPA STANDARD DRAWING EDCM 607-608 UNLESS NOTED OTHERWISE. LARGE PITS TO BE HAUNCHED TO COUNCIL STANDARD OPENINGS. 7. STUBS AND PIPE ENDS TO BE BLOCKED OFF TO COUNCIL'S SATISFACTION.
- 8. ALL GRATED PITS TO HAVE BICYCLE SAFE LOCKDOWN GRATES.
- 9. ALL GRATED SIDE-ENTRY PITS TO HAVE MIN 150mm THICK CONCRETE APRON BETWEEN GRATE AND ASPHALT. REFER VICROADS SD1322.
- 10. JUNCTION PITS WITHIN ROAD TO HAVE HEAVY DUTY GATIC OR EQUIVALENT LOCK DOWN LIDS, LID INFILL COLOURED TO MATCH ROAD SURFACE. 11. ALL PITS WITHIN ROAD TO BE CONSTRUCTED WITH 32 MPa CONCRETE WITH SL92 MESH IN WALLS AND BASE.
- 12. PIT LIDS TO BE GRID-LITE OR TERRA FIRMA (NON-TRAFFICABLE AREAS).
- 13. ALL PITS IN ROAD RESERVE TO BE FITTED WITH CLASS D COVERS OR GRATES.
- 14. LEVELS OF ALL EXISTING PIPE INVERTS TO BE CONNECTED TO TO BE CONFIRMED BY SURVEY PRIOR TO CONSTRUCTION.
- 15. MWC PITS FOR MELBOURNE WATER SCHEME DRAIN.
- 16. SPLAY PIPE SHOWN ON LONG SECTIONS SHALL BE MANUFACTURED SPLAY PIPES.

Α	30.01.2019	CONSTRUCTION ISSUE	S.H.	S.W.	N.G.
Rev.	Date	Description	Des.	Verif.	Appd.



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Drawn E.C.	Date 07.11.2018	Client PARKLANE GARDENS DEVELOPME	NT PTY LTD						
Checked		Project PARKLANE GARDENS - STAGE 2	Status		STRICTI	ON.			
Designed S.H.	Date 05.11.2018	504-530 BALLAN ROAD, WYNDHAM VALE		FOR CONSTRUCTION					
Verified	Date	WYNDHAM CITY COUNCIL	Datum	Melways Ref	Scale	Size			
S.W. Approved	30.01.2019 Date	CIVIL SHEWORKS	AHD Drawing Numbe	233 J12	N.T.S.	A1 Revision			
		DRAINAGE PIT SCHEDULE		V171855-2-CI-1501					
N. GLASSON	30.01.2019					A			

