

CSR HORSLEY PARK - STAGE 2A, 2B & 2C SUBDIVISION DESIGN

ISSUED FOR SECTION 4.56 APPLICATION



LOCALITY PLAN
N.T.S.

DRAWING LIST

No.	DRAWING TITLE
GENERAL	
000	COVER SHEET
001	GENERAL ARRANGEMENT PLAN
002	GENERAL NOTES AND LEGEND
SEDIMENT & EROSION CONTROL	
101	SOIL & WATER MANAGEMENT PLAN
SITE REGRADING	
201	SITE REGRADING PLAN
202	SITE REGRADING SECTIONS SHEET 01 OF 05
203	SITE REGRADING SECTIONS SHEET 02 OF 05
204	SITE REGRADING SECTIONS SHEET 03 OF 05
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ENGINEERING PLANS	
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ROAD LONGITUDINAL SECTIONS	
401	ROAD No.1 LONGITUDINAL SECTIONS SHEET 01 OF 02
402	ROAD No.1 LONGITUDINAL & TYPICAL CROSS SECTIONS SHEET 02 OF 02

CLIENT:



LGA FAIRFIELD COUNCIL

DA 893.1/2013 (LEC 10634 OF 2014)

LOT 1, DP 106143

CC No. 13934 (LAND DEVELOPMENT CERTIFICATE)

CSR HORSLEY PARK - STAGE 2A, 2B & 2C
SUBDIVISION DESIGN

Project No.:	Stage:	Milestone:	Revision Date:	Drawing No.:	Revision:
15-001115.13	2	S4.56	26/07/2019	000	1

FAIRFIELD CITY COUNCIL

THESE PLANS ARE TO BE READ IN CONJUNCTION WITH LAND & ENVIRONMENT COURT (LEC) APPEAL NO. 10634 of 2014 (DA 893.1/2013) DATED 16 OCTOBER 2015 AND COUNCIL'S REFERENCE MA 893.7/2013 APPROVED 23 JUNE 2020.

NOTE: THIS IS NOT AN APPROVAL TO ERECT/DEMOLISH A BUILDING UNDER SECTION 77 OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979, AS AMENDED.

SIGNED: _____

LEGEND

- - - - - EXISTING STAGE 1
- - - - - PROPOSED STAGE 2
- - - - - STAGE 2A
- - - - - STAGE 2B
- - - - - FUTURE STAGE 3
- TREES TO REMAIN



REFER TO TEMPORARY BURLEY & OLD WALLGROVE ROAD DESIGN PREPARED BY CALIBRE CONSULTING REF:15-001115.15 & 15-001115.16

IMAGE SOURCED FROM NEAR MAP DATED: 03/07/2019

PROJECT ISSUE	DESIGN	DRAWN	CHECK	APPR.	DATE
A1	LF	PS	EF	JM	24/07/2019
	LF	PS	EF	JM	26/07/2019

AMENDMENT DETAILS

NO.	DESCRIPTION	DATE
1	ISSUE FOR S4.56 APPROVAL	

FOR SECTION 4.56 APPLICATION

AUTHORISED FOR ISSUE

BY: JOSEPH MEKARY
BE (CIVIL) (Home) MIEAust. CPEng NER
MBA MPM JP

SIGN:
DATE: 26/07/19

SCALE

0 20 40 60 80 100 120 140 160
SCALE 1:2000 (A1) SCALE 1:4000 (A3)

CLIENT

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PROJECT

CSR HORSLEY PARK - STAGE 2A, 2B & 2C
SUBDIVISION DESIGN

DISCLAIMER

ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY

DRAWING TITLE

GENERAL ARRANGEMENT PLAN

PROJECT No.	DRAWING No.	MILESTONE	REVISION
15-001115.13	001	S4.56	1



FILE: S:\2019\PROJECTS\SUBDIVISIONS\CSR HORSLEY PARK\15-001115.13 - STAGE 2B TECHNICAL DRAWINGS\15-001115.13-S4.56-A3.DWG LAST SAVED BY: MICHELE MANNING

GENERAL NOTES

GENERAL

- G1. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH FAIRFIELD COUNCIL ENGINEERING DESIGN AND ENGINEERING CONSTRUCTION SPECIFICATIONS AND TO THE REQUIREMENTS OF THE CERTIFYING AUTHORITY.
- G2. INSPECTIONS BY CERTIFYING AUTHORITY ARE REQUIRED AT THE FOLLOWING STAGES AND THE WORKS APPROVED PRIOR TO CONTINUANCE OF ANY FUTURE WORK:
 - (A) FOLLOWING INSTALLATION OF EROSION AND SEDIMENT CONTROL STRUCTURES/MEASURES.
 - (B) PRIOR TO BACKFILLING PIPELINES, SUBSOIL DRAINS AND DAMS.
 - (C) PRIOR TO CASTING OF PITS AND OTHER CONCRETE STRUCTURES, INCLUDING KERB AND GUTTER BUT FOLLOWING PLACEMENT OF FOOTINGS, FORMWORK, AND REINFORCEMENT.
 - (D) PRIOR TO PLACEMENT OF SUB BASE AND ALL SUBSEQUENT PAVEMENT LAYERS, A PROOF ROLLER TEST OF EACH PAVEMENT LAYER IS REQUIRED.
 - (E) FORMWORKS PRIOR TO POURING CONCRETE IN PARKING AREA FOR FOOTPATH CROSSING AND OTHER ASSOCIATED WORK.
 - (F) PRIOR TO BACKFILLING PUBLIC UTILITY CROSSINGS IN ROAD RESERVES.
 - (G) FINAL INSPECTIONS AFTER ALL WORKS ARE COMPLETED AND 'WORKS AS EXECUTED' PLANS HAVE BEEN SUBMITTED TO COUNCIL.
- G3. NO TREES ARE TO BE REMOVED UNLESS APPROVAL IS GRANTED BY COUNCIL'S LANDSCAPE COMPLIANCE OFFICER OR AS AUTHORISED BY DEVELOPMENT CONSENT.
- G4. MAKE SMOOTH JUNCTIONS WITH EXISTING WORKS.
- G5. NO WORK IS TO BE CARRIED OUT ON COUNCIL PROPERTY OR ADJOINING PROPERTIES WITHOUT THE WRITTEN PERMISSION FROM THE OWNERS.
- G6. VEHICULAR ACCESS AND ALL UTILITIES/SERVICES ARE TO BE MAINTAINED AT ALL TIMES TO ADJOINING PROPERTIES AFFECTED BY CONSTRUCTION.
- G7. ALL RUBBISH, BUILDINGS, SHEDS AND FENCES TO BE REMOVED TO SATISFACTION OF COUNCIL'S ENGINEER.
- G8. COUNCIL ENGINEERS HAVE DISCRETION TO VARY, AS CONSIDERED NECESSARY, THE ENGINEERING REQUIREMENTS IN RESPECT OF A PARTICULAR SUBDIVISION OR DEVELOPMENT HAVING REGARD TO THE SITE CONTEXT.

EARTHWORKS

- E1. EARTHWORKS ARE TO BE CARRIED OUT TO THE SATISFACTION OF THE COUNCIL. UNSUITABLE MATERIALS ARE TO BE REMOVED FROM ROADS AND LOTS PRIOR TO FILLING. THE CONTRACTOR IS TO ARRANGE AND MAKE AVAILABLE COMPACTION TESTING RESULTS FOR ALL AREAS THAT CONTAIN FILL IN EXCESS OF 200mm.
- E2. COMPACTION OF EARTHWORKS SHALL CONTINUE UNTIL A DRY DENSITY RATIO OF 95% FOR SITE FILLING AND 100% FOR ROAD PAVEMENT SUBGRADES HAS BEEN ACHIEVED IN ACCORDANCE WITH TEST METHOD AS1289.5.3.1 OR AS.1289.5.1.1. THE CONTROL TESTING OF EARTHWORKS SHALL BE IN ACCORDANCE WITH THE GUIDELINES IN AS3798 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS'. WHERE IT IS PROPOSED TO USE TEST METHOD AS1289.5.8.1 TO DETERMINE THE FIELD DENSITY, A SAND REPLACEMENT METHOD SHALL BE USED TO CONFIRM THE RESULTS.
- E3. THE SUITABLE QUALIFIED GEOTECHNICAL ENGINEER, SHALL HAVE A LEVEL 1 RESPONSIBILITY FOR ALL FILLING AS DEFINED IN APPENDIX B AS3798 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS', AND AT THE END OF THE WORKS SHALL CONFIRM THE EARTHWORKS COMPLY WITH THE REQUIREMENTS OF THE SPECIFICATION AND DRAWINGS BY WRITTEN NOTIFICATION.
- E4. IN AREAS TO BE FILLED WHERE THE SLOPE OF THE NATURAL SURFACE EXCEEDS 1(V):4(H), BENCHES ARE TO BE CUT TO PREVENT SLIPPING OF THE PLACED FILL MATERIAL AS REQUIRED BY THE COUNCIL.
- E5. ALL BATTERS ARE TO BE SCARIFIED TO A DEPTH OF 50mm TO ASSIST WITH ADHESION OF TOP SOIL TO BATTER FACE.
- E6. PROVIDE MINIMUM 150mm AND MAXIMUM 300mm TOPSOIL ON FOOTPATHS, FILLED AREAS AND ALL OTHER AREAS DISTURBED DURING CONSTRUCTION. TOPSOILED AREAS TO BE STABILISED WITH APPROVED VEGETATION A MAXIMUM OF 14 DAYS AFTER TOPSOILING AND ARE TO BE WATERED TO ENSURE GERMINATION.
- E7. THE CONTRACTOR SHALL CONTROL SEDIMENTATION, EROSION AND POLLUTION DURING CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT EDITION OF 'MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION' PRODUCED BY LANDCOM.
- E8. A MINIMUM 1m WIDE, CONTINUOUS STRIP OF COUCH GRASS SHALL BE PLACED BEHIND THE BACK OF ALL KERBS & OTHER CONCRETE STRUCTURES IMMEDIATELY AFTER THE COMPLETION OF THE FOOTPATH GRADING OR OTHER ELEMENTS AS APPLICABLE, AND SHALL BE MAINTAINED AND REPLACED AS REQUIRED DURING THE CONSTRUCTION MAINTENANCE PERIOD.

CALIBRE CONSULTING GENERAL

- CG1. SURVEY SOURCED FROM:
 - SURVEYOR: CALIBRE CONSULTING
 - D.T.M: HORSLEY PARK BRICK PLANT - MGA Z56, SURVEY DATED 05 JUNE 2013
 - BOUNDARY: X13044.SP1 DATED 03 APRIL 2013
- CG2. CONTRACTOR IS TO ENSURE THAT ALL WORKS ASSOCIATED WITH PROPERTY BOUNDARIES ARE TO BE SET OUT OR VERIFIED BY A REGISTERED SURVEYOR

ROADWORKS

- R1. SUBGRADES AND SUB BASES ARE TO BE COMPACTED IN ACCORDANCE WITH COUNCIL'S CONSTRUCTION SPECIFICATION.
- R2. SUBSOIL DRAINS TO BE PROVIDED ON BOTH SIDES OF ROADS (EXCEPT WHERE THERE IS STORMWATER DRAINAGE).
- R3. 150 x 50 H.D. GALVANISED STEEL KERB OUTLETS TO BE PLACED IN ALL KERB TYPES ON LOW SIDE OF LOTS. PROVIDE SUITABLE ADAPTOR TO ALLOW CONNECTION OF 90mm DIAMETER STORMWATER PIPE.
- R4. LIPLESS PERAMBULATOR CROSSINGS ARE TO BE PROVIDED IN ALL KERB RETURNS AND WHERE REQUIRED BY COUNCIL.
- R5. SERVICE CONDUITS TO BE PLACED AS DIRECTED BY ALL PUBLIC UTILITY AUTHORITIES INCLUDING INTEGRAL ENERGY, TELSTRA AND SYDNEY WATER
- R6. PROPOSED UTILITIES AND SERVICES CROSSING EXISTING ROADS SHALL BE PROVIDED FOR USING A TRENCHLESS TECHNIQUE SO AS NOT TO DAMAGE THE EXISTING SURFACE. ALL SERVICE CONDUITS UNDER ROADS MUST BE LAID TO A MINIMUM DEPTH OF 750mm.
- R7. CONCRETE FOOTPATH CONSTRUCTION IS TO BE BONDED WITH COUNCIL PENDING COMPLETION OF UTILITY/SERVICES AND SURROUNDING DWELLINGS.
- R8. ALL TEMPORARY ROADS MUST BE TEMPORARILY SEALED WITH A SINGLE COAT FLUSH SEAL.
- R9. ALL PERMANENT ROADS MUST BE SEALED WITH A SINGLE COAT FLUSH SEAL AND 50mm OF AC TO BE APPLIED IN TWO 25mm THICK LAYERS. THE FINAL AC LAYER IS TO BE AC 10 AND IS TO BE BONDED WITH COUNCIL AND PLACED FOLLOWING APPROVAL FROM COUNCIL.
- R10. SIGNPOSTING AND LINE MARKING SHALL CONFORM TO AS1742.2 'TRAFFIC CONTROL DEVICES FOR GENERAL USE'. RAISED RETRO-REFLECTIVE PAVEMENT MARKERS TO CONFORM TO AS1906 'RETRO-REFLECTIVE MATERIALS AND DEVICES FOR ROAD TRAFFIC CONTROL PURPOSES'. ALL APRONS AND KERB FACE ON CENTRAL ISLANDS OF ROUNDABOUTS AND ALL OTHER ISLANDS TO BE DELINEATED BY REFLECTIVE WHITE MARKING. INSTALLATION SHALL OCCUR IN ACCORDANCE WITH THE PLAN APPROVED BY THE LOCAL TRAFFIC COMMITTEE.
- R11. ALL LOT AND HOUSE NUMBERS MUST BE STENCILLED ON KERB FACE.
- R12. STREET SIGNS TO COUNCIL STANDARD MUST BE INSTALLED BY THE CONTRACTOR.

STORMWATER

- S1. ALL PIPES TO BE SPIGOT AND SOCKET, RUBBER RING JOINTED.
- S2. ALL LONGITUDINAL PIPELINES IN ROADS MUST BE LOCATED UNDER KERB AND GUTTER AND BE BACKFILLED WITH APPROVED GRANULAR MATERIAL UNLESS OTHERWISE APPROVED BY THE COUNCIL ENGINEER.
- S3. DRAINAGE LINES MUST BE BACKFILLED WITH APPROVED GRANULAR MATERIAL IN TRAFFICABLE AREAS. THREE (3) METRES OF SUBSOIL DRAINAGE WRAPPED IN GEOTEXTILE STOCKING MUST BE PROVIDED TO ALL DOWNSTREAM PITS.
- S4. ALL GULLY PITS TO COUNCIL'S STANDARD AND LINTELS CENTRALLY PLACED AT SAG PITS.
- S5. ALL PITS MUST BE BENCHED AND STREAMLINED. PROVIDE 6L72 REINFORCEMENT AND GALVANISED STEP IRONS IN ALL PITS OVER 1.2-METRES DEEP AS MEASURED FROM THE TOP OF GRATE TO THE INVERT OF THE PIT.
- S6. CONCRETE IS TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 32MPA AT 28-DAYS UNLESS OTHERWISE APPROVED BY THE COUNCIL ENGINEER.
- S7. ALL INTER-ALLOTMENT DRAINAGE MUST HAVE A MINIMUM PIPE DIAMETER OF 150mm AND A MINIMUM GRADE OF 1% UNLESS OTHERWISE APPROVED BY THE COUNCIL ENGINEER.
- S8. ALL INTER-ALLOTMENT DRAINAGE LINES MUST BE LAID CENTRALLY WITHIN DRAINAGE EASEMENTS. INSPECTION PITS MUST BE PROVIDED AT ALL CHANGES OF GRADE AND DIRECTION.
- S9. INTER-ALLOTMENT DRAINAGE LINES MUST BE INSTALLED AFTER SYDNEY WATER SEWERAGE LINES HAVE BEEN INSTALLED WHERE SEWER IS PROPOSED ADJACENT TO INTER-ALLOTMENT DRAINAGE LINES.
- S10. 1% AEP OVERLAND FLOW PATHS MUST BE FORMED AND SHOWN ON 'WORKS AS EXECUTED' DRAWINGS.
- S11. ALL PLANS (BOTH DESIGN AND WAE) ARE TO CLEARLY DELINEATE THE EXTENT/LOCATION OF FLOOD LINES INCLUDING THE 5% AEP, 1% AEP AND PMF.
- S12. ADEQUATE PROVISION IS TO BE MADE TO PREVENT SCOURING AND SEDIMENTATION FOR ALL DRAINAGE WORKS IN ACCORDANCE WITH COUNCIL'S REQUIREMENTS.
- S13. PIT LINTELS ARE TO BE STENCILLED WITH APPLICABLE DISTINCTION STENCIL AVAILABLE FROM COUNCIL.
- S14. CATCH DRAINS MUST BE CONSTRUCTED AS REQUIRED BY THE APPROVED PLANS OR THE PRINCIPAL CERTIFYING AUTHORITY.
- S15. SOIL AND WATER MANAGEMENT PLANS ARE TO BE PREPARED FOR ALL DISTURBED SITES AND ADHERED TO AT ALL TIMES DURING THE CONSTRUCTION AND MAINTENANCE PERIODS.

DIGITAL MODELS CREATED BY CALIBRE UNDER THIS COMMISSION ARE CREATED FOR THE PURPOSE OF THE PREPARATION OF DRAWINGS AND ESTIMATES OF QUANTITIES. INFORMATION CONTAINED IN THE DRAWINGS TAKES PRECEDENCE OVER THE DIGITAL MODEL UPON WHICH IT WAS BASED. USE OF DIGITAL MODELS, CREATED BY CALIBRE, BY OTHER PARTIES TO SET OUT WORKS OR FOR OTHER REASONS IS DONE ENTIRELY AT THE RISK OF THE PARTY SO USING THE DIGITAL MODEL

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SIGNED:

LEGEND

DESCRIPTION	PROPOSED	EXISTING	FUTURE
STORMWATER PIPELINE			
STORMWATER DRAINAGE PITS			
DRAINAGE LINE No. 3 DRAINAGE PIT No. 10			
CONCRETE HEADWALL			
SUBSOIL DRAIN			
150mm KERB AND GUTTER		EXIST. K&G	FUT. K&G
ROLL KERB AND GUTTER		EXIST. RK	FUT. RK
KERB ONLY		EXIST. KO	FUT. KO
EDGE STRIP		EXIST. ES	FUT. ES
MOUNTABLE KERB		EXIST. MK	FUT. MK
DISH CROSSING		EXIST. DC	FUT. DC
VEHICULAR CROSSING		EXIST. VC	FUT. VC
PEDESTRIAN RAMP			
EDGE OF BITUMEN		EXIST. EOB	FUT. EOB
ROAD PAVEMENT			
BENCHMARK			
BATTERS			
CONCRETE PATHWAY			
CONTOURS			
SITE REGRADING AREA			
SERVICE LINES SEWER, GAS, WATER, ELECTRICITY, RECYCLED WATER			
COMMUNICATION LINES TELSTRA, FIBRE OPTIC, NBN			
OVER HEAD LINES AND POLES			
SERVICE PITS TELECOM PIT, ACCESS CHAMBER, HYDRANT, STOP VALVE, AIR VALVE			
LIMIT OF ROAD CONSTRUCTION			
LIMIT OF STAGE			
FENCE POST AND RAIL FENCE SECURITY FENCE			
LOT NUMBERS			
TREES TO RETAIN WITHIN SITE TREES TO REMOVED WITHIN SITE			
RETAINING WALL			
ROCK WALL			
ROOF WATER OUTLET TO KERB			
ROOF WATER OUTLET TO BACK OF PIT			

FILE: I:\2019\PROJECTS\SUBDIVISIONS\115 - STAGE 2A, 2B & 2C\TECHNICAL\DRAWINGS\CONSTRUCTION\115-SEC-000001.DWG LAST SAVED BY: ANDREW HUNDS

<table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>26/07/19</td> <td>ISSUE FOR 84.56 APPROVAL</td> </tr> </table>	REV	DATE	DESCRIPTION	1	26/07/19	ISSUE FOR 84.56 APPROVAL	<p>FOR SECTION 4.56 APPLICATION</p> <p>APPROVED FOR ISSUE BY: JOSEPH MEKARY BE (Civil) (Hons) MIE Aust. CP Eng NER MBA MPM JP</p> <p>SIGN: </p> <p>DATE: 26/07/19</p>		<p>PROJECT: CSR HORSLEY PARK - STAGE 2A, 2B & 2C SUBDIVISION DESIGN</p> <p>DRAWING TITLE: GENERAL NOTES AND LEGEND</p> <p>DISCLAIMER: ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY</p>	<table border="1"> <tr> <th>PROJECT No.</th> <th>DRAWING No.</th> <th>MILESTONE</th> <th>REVISION</th> </tr> <tr> <td>15-001115.13</td> <td>002</td> <td>S4.56</td> <td>1</td> </tr> </table>	PROJECT No.	DRAWING No.	MILESTONE	REVISION	15-001115.13	002	S4.56	1
REV	DATE	DESCRIPTION																
1	26/07/19	ISSUE FOR 84.56 APPROVAL																
PROJECT No.	DRAWING No.	MILESTONE	REVISION															
15-001115.13	002	S4.56	1															

Site Name: CSR Horsley								
Site Location: Horsley Park								
Precinct/Stage: Stages 1 and 2								
Site Area	Sub-catchment or Name of Structure							Notes
Total catchment area (ha)	1	2	3	4	5	6	7	
Disturbed catchment area (ha)	4.0458	8.290	2.2818	3.1167	0.6776	3.8328	3.3184	
Soil analysis (enter sediment type if known, or laboratory particle size data)								
Sediment Type (F, F or D) Element:	D	D	D	D	D	D	D	From Appendix C (if known)
% sand (fraction 0.075 to 2.0mm)								Enter the percentage of each soil fraction. E.g. enter 40 for 40%
% silt (fraction 0.075 to 0.075mm)								
% clay (fraction finer than 0.075mm)								
Dispersion percentage								E.g. enter 10 for dispersion of 10%
% of silt and clay dispersed								See Section 6.3.3(9), Auto-calculated
Soil Test Group								Automatic calculation from above
Rainfall data								
Design rainfall depth (no of days)	5	5	5	5	5	5	5	See Section 6.3.4 and, particularly, Table 6.3 on pages 9-24 and 9-25.
Design rainfall depth (per mm)	85	85	85	85	85	85	85	
1-day, 2-year return period event (mm)	32.2	32.2	32.2	32.2	32.2	32.2	32.2	
Rainfall Excess (mm)								Only need to enter one or the other here
FD, 2-year, 2-hour storm (mm)	10.1	10.1	10.1	10.1	10.1	10.1	10.1	
RUSLE Factors								
Soil erodibility (K-factor)	250	250	250	250	250	250	250	Auto-filled from above
Soil erodibility (K-factor)	0.038	0.038	0.038	0.038	0.038	0.038	0.038	RUSLE LS factor calculated for a high rainfall risk site.
Slope length (m)	30	120	30	30	30	30	30	
Slope gradient (%)	0.5	3.5	0.5	25	0.5	0.5	0.5	
Length gradient (L-factor)	0.19	0.92	0.12	4.43	3.68	1.84	4.33	
Empirical control practice (P-factor)	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
Ground cover (C-factor)	1	1	1	1	1	1	1	
Sediment Basin Design Criteria (for Type C/D basins only. Leave blank for Type C basins)								
Storage (m³) (see design for details)	2	2	2	2	2	2	2	Minimum is generally 2 months
CV (Coefficient of variation)	0.61	0.61	0.61	0.61	0.61	0.61	0.61	See Table F2, page F-4 to Appendix F
Calculations and Type C/D Sediment Basin Volumes								
Soil loss (t/ha/yr)	21	68	14	482	369	437	481	
Soil Loss Class	1	1	1	4	4	4	1	See Table 4.2, page 4-19
Soil loss (t/ha/yr)	50	44	10	378	306	329	370	Conversion to cubic metres
Sediment basin storage (m³) (volume m³)	11	81	4	197	241	219	265	See Sections 6.3.4(3) for calculations
Sediment basin settling (bed) volume (m³)	665	1363	376	512	1077	639	545	See Sections 6.3.4(3) for calculations
Sediment basin total volume (m³)	676	1444	380	709	1418	858	810	
Structure Details								
Structure Name	1	2	3	4	5	6	7	Auto-filled from Worksheet 1
Catchment Area (ha)	4.0458	8.290	2.2818	3.1167	0.6776	3.8328	3.3184	Auto-filled from Worksheet 1
Time of concentration (hr)	7	8	5	6	8	7	7	Auto-calculated assuming 1 in fallow
Rainfall Intensity (FD Values)								
1 year, 1h	66.1	65.8	77.4	72.4	66.8	60.1	72.4	Enter the relevant rainfall intensity (in mm/hr) for each of the normalised catchment areas. The time of concentration (hr) determines the duration of the event to be used
2 year, 1h	86.05	84.8	99.7	93.3	84.8	76.05	93.3	
5 year, 1h	114.525	108.05	128	120	100.05	84.525	120	
10 year, 1h	139.75	123.5	145	130	123.5	100.75	130	
20 year, 1h	148.75	141.5	167	150	141.5	100.75	150	
50 year, 1h	174.5	155	190	163	160	174.5	163	
100 year, 1h	194.5	165	218	204	195	194.5	204	
CV runoff coefficient	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
Design ARI event (selected):	100	100	100	100	100	100	100	Select design ARI (years) from dropdown
Frequency Factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	Auto-filled based on selected ARI
Flow Calculation	2.10	4.00	1.33	1.70	3.20	1.98	1.81	Auto-calculated based on selected ARI

NOTE:
CONTRACTOR TO VERIFY BY SURVEY THAT THE CONSTRUCTED VOLUME OF SEDIMENT BASINS IS EQUAL TO OR GREATER THAN THE REQUIRED VOLUME



LEGEND	
	SEDIMENT FENCE (SD 6-8)
	BARRIER FENCE
	CATCH DRAIN/DIVERSION BANK (SD 5-5)
	STABILISED ACCESS POINT
	GEOTEXTILE INLET FILTER (SD 6-12) DURING CONSTRUCTION
	MESH & GRAVEL INLET FILTER (SD 6-11) AFTER CONSTRUCTION
	STRAW BALE FILTER (SD 6-7)
	LEVEL SPREADER (SD 5-6)
	EXISTING CONTOUR (ORIGINAL NATURAL SURFACE)
	PROPOSED CONTOUR
	CUT AREA
	FILL AREA

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NOTE:
 ENGINEERING BUND AND LANDSCAPING DESIGN
 REFER TO:
 - GEOMENTIONS CONSULTING SERVICES
 'GABION WALL AND EARTH BUND DESIGN'
 PROJECT No: Geotiv_CSR_001
 - STURT NOBLE ASSOCIATES SPECIFICATION &
 DETAILS - DWG No.CD-1408-103 - DATED: 15.04.2016

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- CUT AREA
- FILL AREA
- TREE TO BE RETAINED
- PROPOSED RETAINING WALL

LIMIT OF ROAD CONSTRUCTION

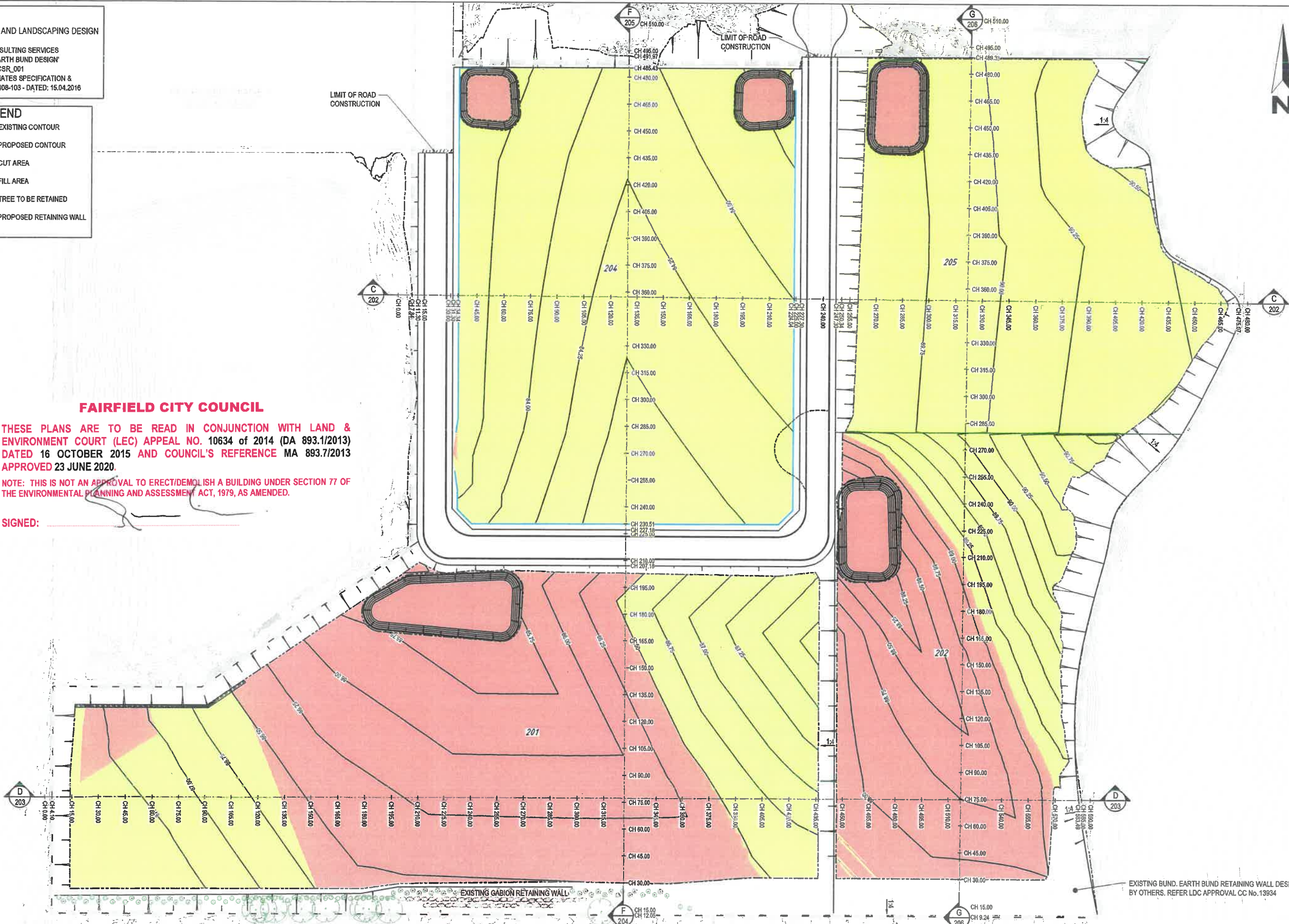
FAIRFIELD CITY COUNCIL

THESE PLANS ARE TO BE READ IN CONJUNCTION WITH LAND & ENVIRONMENT COURT (LEC) APPEAL NO. 10634 of 2014 (DA 893.1/2013) DATED 16 OCTOBER 2015 AND COUNCIL'S REFERENCE MA 893.7/2013 APPROVED 23 JUNE 2020.

NOTE: THIS IS NOT AN APPROVAL TO ERECT/DEMOLISH A BUILDING UNDER SECTION 77 OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979, AS AMENDED.

SIGNED: _____

FILE: S:\2015\PROJECTS\15-001115-13 - STAGE 205 TECHNICAL\15-001115-13-04-02-2015.DWG LAST DATED BY ANDREW WILKINS



EXISTING BUND, EARTH BUND RETAINING WALL DESIGNED BY OTHERS. REFER LDC APPROVAL CC No. 13934

REV	DATE	BY	CHKD	APPD	DATE
1	26/07/2019	LF	PS	EF	JM
2	26/07/2019	LF	PS	EF	JM

AMENDMENT DETAILS

FOR SECTION 4.56 APPLICATION

STATUS: _____

AUTHORISED FOR ISSUE:
 BY: JOSEPH MEKARY
 BE (Civil) (Hons) MEng Aust. CPEng NER
 MBA MPM JP

SIGN: *JM*
 DATE: 26/07/19

SCALE: 1:1000 (A1) 1:2000 (A3)

0 10 20 30 40 50 60 70 80

CSR

calibre

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PROJECT: CSR HORSLEY PARK - STAGE 2A, 2B & 2C SUBDIVISION DESIGN

DISCLAIMER: ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY.

DRAWING TITLE: SITE REGRADING PLAN

PROJECT No.	DRAWING No.	MILESTONE	REVISION
15-001115.13	201	S4.56	1

FAIRFIELD CITY COUNCIL

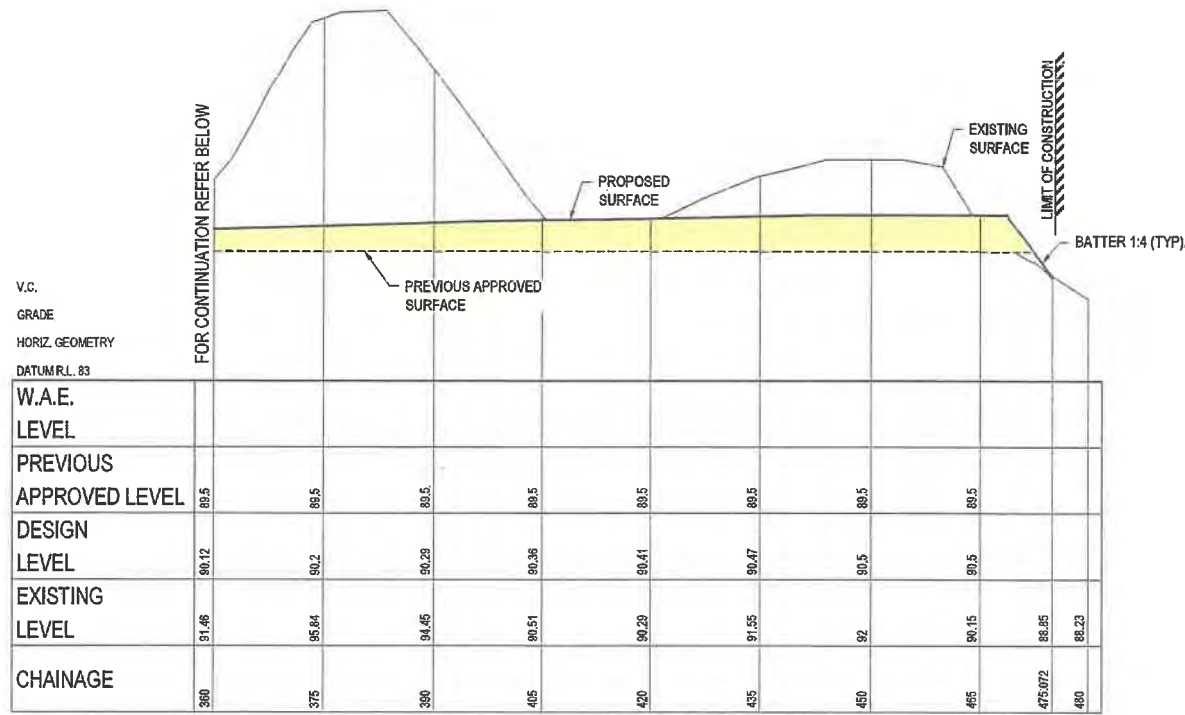
THESE PLANS ARE TO BE READ IN CONJUNCTION WITH LAND & ENVIRONMENT COURT (LEC) APPEAL NO. 10634 of 2014 (DA 893.1/2013) DATED 16 OCTOBER 2015 AND COUNCIL'S REFERENCE MA 893.7/2013 APPROVED 23 JUNE 2020.

NOTE: THIS IS NOT AN APPROVAL TO ERECT/DEMOLISH A BUILDING UNDER SECTION 77 OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979, AS AMENDED.

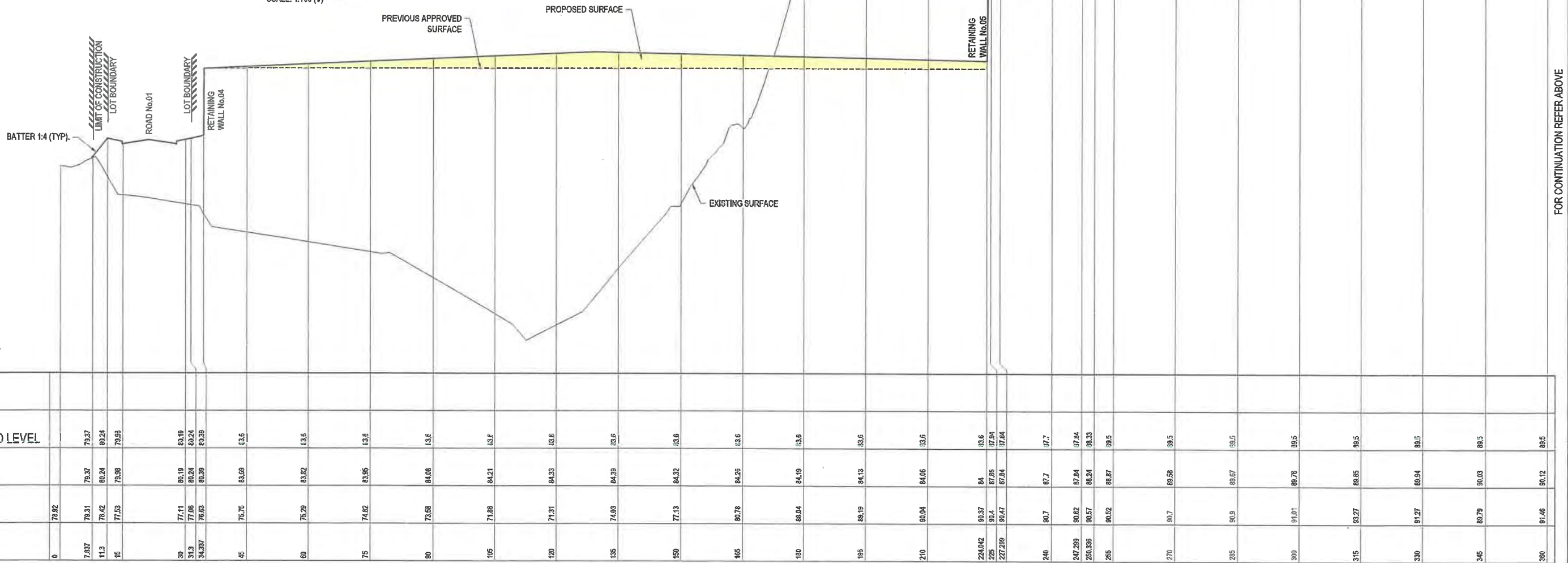
SIGNED: _____

LEGEND	
	CUT AREA
	FILL AREA
	PROPOSED SURFACE
	PREVIOUSLY APPROVED SURFACE
	EXISTING SURFACE

NOTE:
ALL BATTERS 1:4 UNLESS NOTED OTHERWISE



SECTION C
SCALE: 1:500 (H)
SCALE: 1:100 (V)



SECTION C
SCALE: 1:500 (H)
SCALE: 1:100 (V)

FOR CONTINUATION REFER ABOVE	
V.C.	
GRADE	
HORIZ. GEOMETRY	
DATUM R.L.	69
W.A.E. LEVEL	
PREVIOUS APPROVED LEVEL	88.5
DESIGN LEVEL	90.15
EXISTING LEVEL	91.5
CHAINAGE	480

FILE: I:\PROJECTS\PROJECTS\15-001115-13 - STAGE 05 TECHNICAL\15-001115-13-045-2020\DWG\LAST REVISED BY ANDREW WANDERS

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPD.	DATE
1	LF	PS	EF	JM	24/07/2016
	LF	PS	EF	JM	26/07/2016

AMENDMENT DETAILS

STATUS: **FOR SECTION 4.56 APPLICATION**

AUTHORISED FOR ISSUE:

BY: JOSEPH MEKARY
BE (Civl) (Hons) MIEAust. CPEng NER
MBA MPM JP

SIGN: *[Signature]*
DATE: 26/07/19

SCALE
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0 5 10 15 20 25 30 35 40 SCALE 1:500 (A1)
SCALE 1:200 (A3)
SCALE 1:1000 (A3)

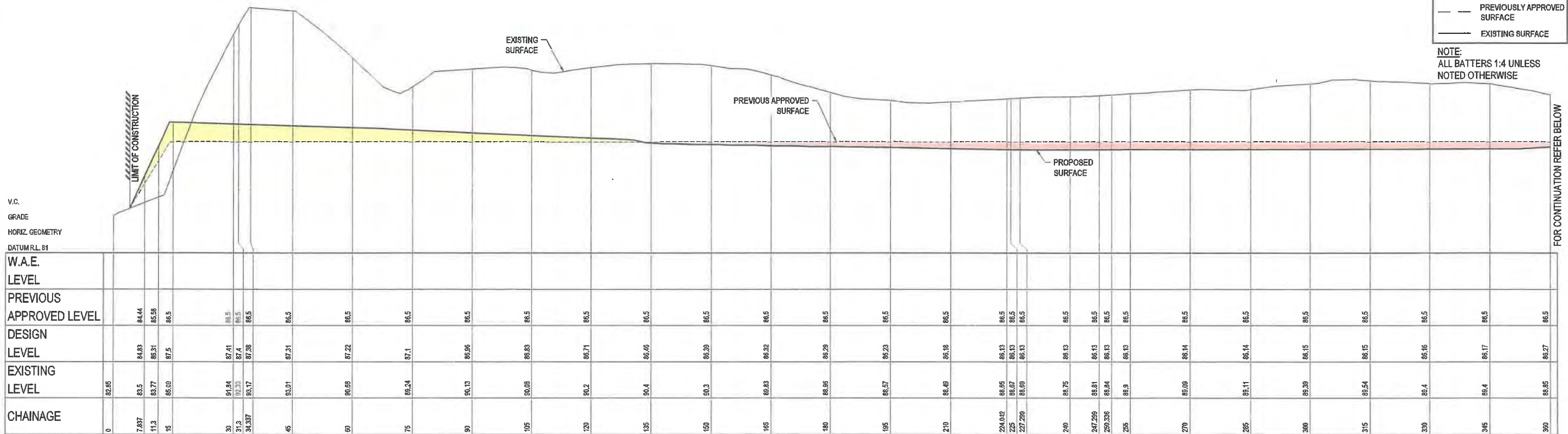
CLIENT

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PROJECT	DRAWING TITLE
CSR HORSLEY PARK - STAGE 2A, 2B & 2C SUBDIVISION DESIGN	SITE REGRADING SECTIONS SHEET 01 OF 05
DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY	PROJECT No. 15-001115.13 DRAWING No. 202 MILESTONE S4.56 REVISION 1

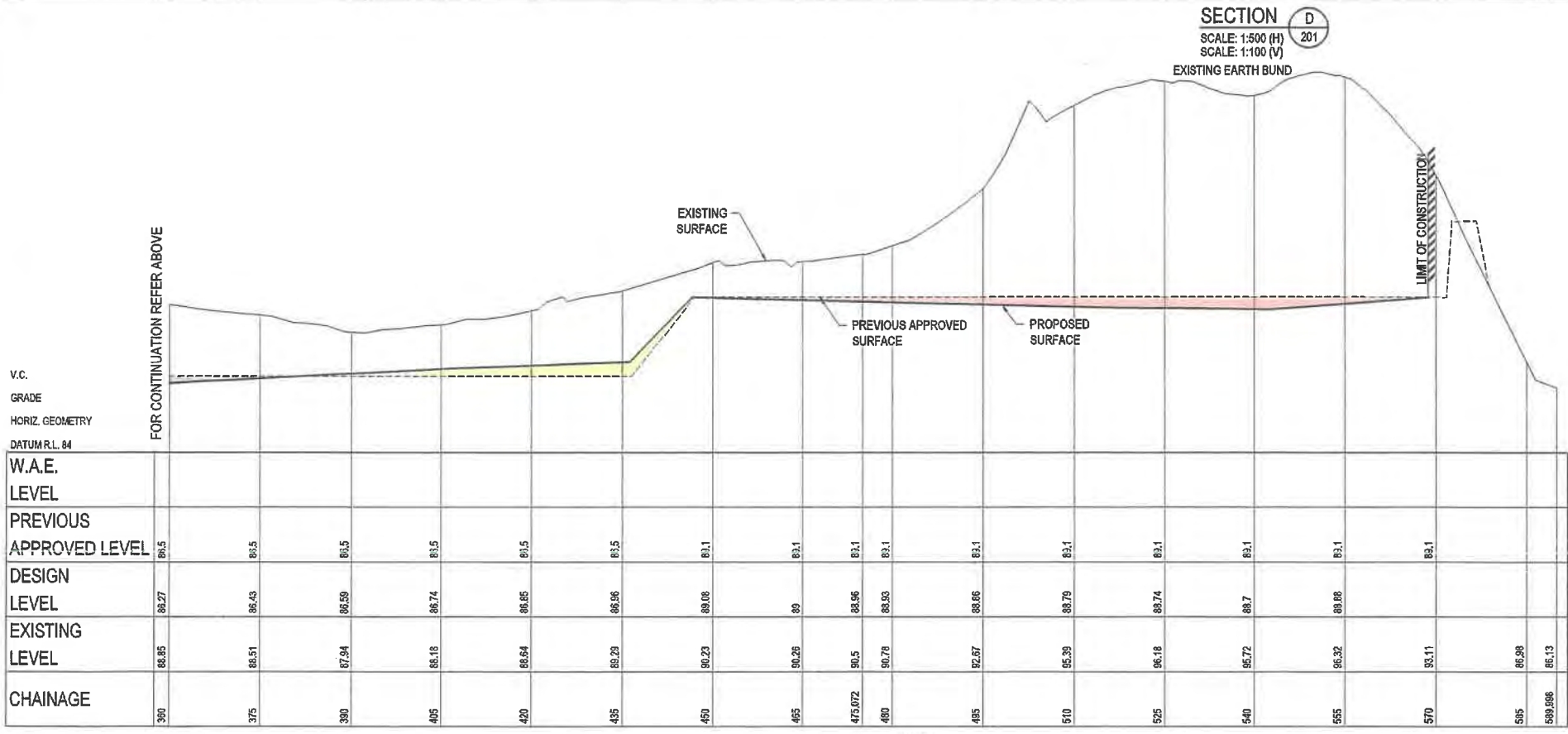
LEGEND	
	CUT AREA
	FILL AREA
	PROPOSED SURFACE
	PREVIOUSLY APPROVED SURFACE
	EXISTING SURFACE

NOTE:
ALL BATTERS 1:4 UNLESS NOTED OTHERWISE



V.C.
GRADE
HORIZ. GEOMETRY
DATUM R.L. 81
W.A.E.
LEVEL
PREVIOUS APPROVED LEVEL
DESIGN LEVEL
EXISTING LEVEL
CHAINAGE

FOR CONTINUATION REFER BELOW



V.C.
GRADE
HORIZ. GEOMETRY
DATUM R.L. 84
W.A.E.
LEVEL
PREVIOUS APPROVED LEVEL
DESIGN LEVEL
EXISTING LEVEL
CHAINAGE

SECTION D 201
SCALE: 1:500 (H)
SCALE: 1:100 (V)

FAIRFIELD CITY COUNCIL

THESE PLANS ARE TO BE READ IN CONJUNCTION WITH LAND & ENVIRONMENT COURT (LEC) APPEAL NO. 10634 of 2014 (DA 893.1/2013) DATED 16 OCTOBER 2015 AND COUNCIL'S REFERENCE MA 893.7/2013 APPROVED 23 JUNE 2020.

NOTE: THIS IS NOT AN APPROVAL TO ERECT/DEMOLISH A BUILDING UNDER SECTION 77 OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979, AS AMENDED.

SIGNED: _____

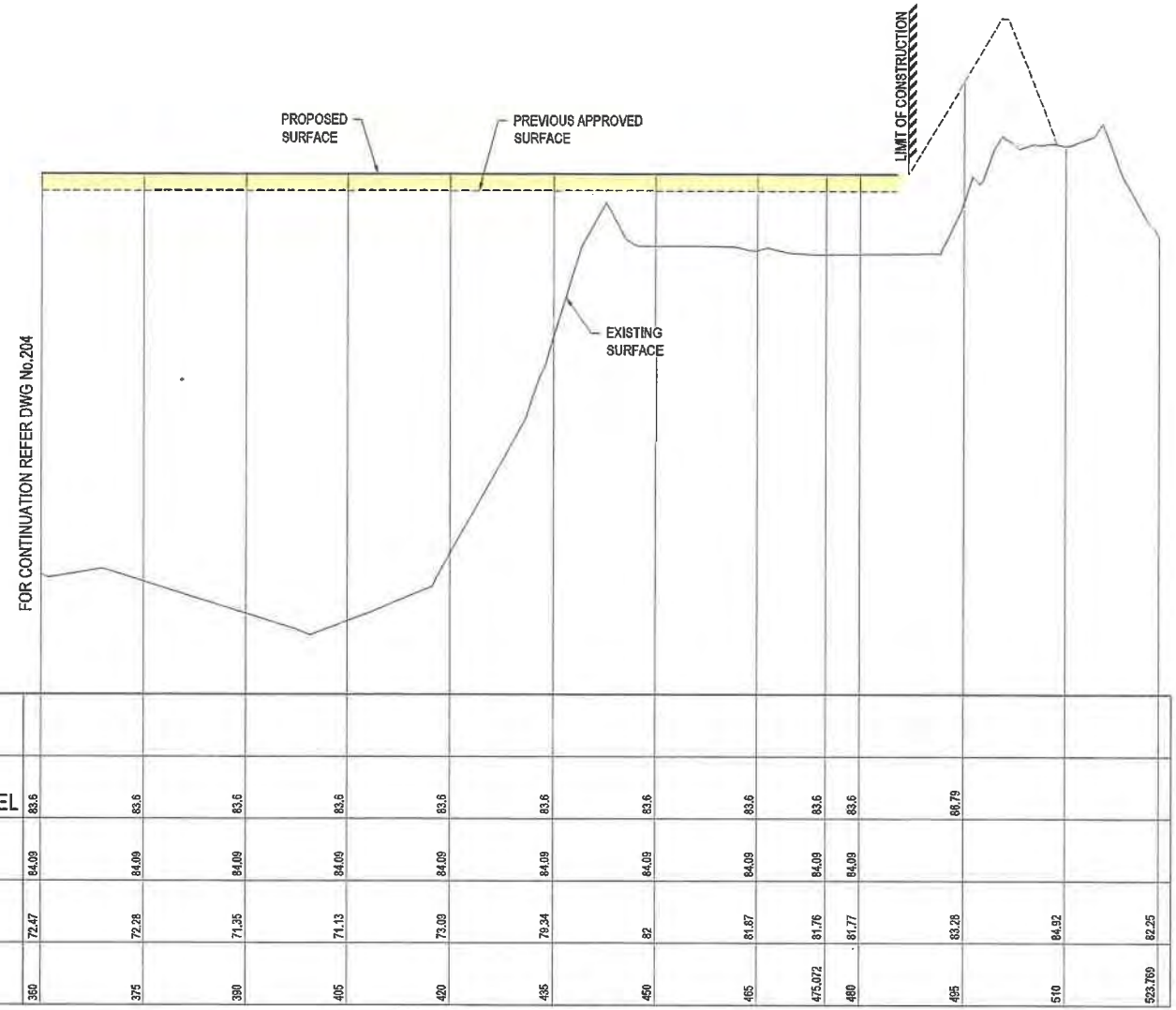
SECTION D 201
SCALE: 1:500 (H)
SCALE: 1:100 (V)

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DESIGN	DRAWN	CHECK	APPR.	DATE																									
LF	PS	EF	JM	24/07/2019																									
LF	PS	EF	JM	26/07/2019																									
PROJECT No.	DRAWING No.	MLESTONE	REVISION																										
15-001115.13	203	S4.56	1																										

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LEGEND	
	CUT AREA
	FILL AREA
	PROPOSED SURFACE
	PREVIOUSLY APPROVED SURFACE
	EXISTING SURFACE

NOTE:
ALL BATTERS 1:4 UNLESS
NOTED OTHERWISE



V.C.
GRADE
HORIZ. GEOMETRY
DATUM R.L. 69

W.A.E. LEVEL	PREVIOUS APPROVED LEVEL	DESIGN LEVEL	EXISTING LEVEL	CHAINAGE
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	83.5	84.09	72.28	375
	83.5	84.09	71.35	390
	83.5	84.09	71.13	405
	83.5	84.09	72.09	420
	83.5	84.09	70.34	435
	83.5	84.09	82	450
	83.5	84.09	81.67	465
	83.5	84.09	81.76	475.072
	83.5	84.09	81.77	480
	88.79		83.28	495
			84.52	510
			82.25	523.760

SECTION **F**
SCALE: 1:500 (H)
SCALE: 1:100 (V)

FAIRFIELD CITY COUNCIL

THESE PLANS ARE TO BE READ IN CONJUNCTION WITH LAND & ENVIRONMENT COURT (LEC) APPEAL NO. 10634 of 2014 (DA 893.1/2013) DATED 16 OCTOBER 2015 AND COUNCIL'S REFERENCE MA 893.7/2013 APPROVED 23 JUNE 2020.

NOTE: THIS IS NOT AN APPROVAL TO ERECT/DEMOLISH A BUILDING UNDER SECTION 77 OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979, AS AMENDED.

SIGNED: _____

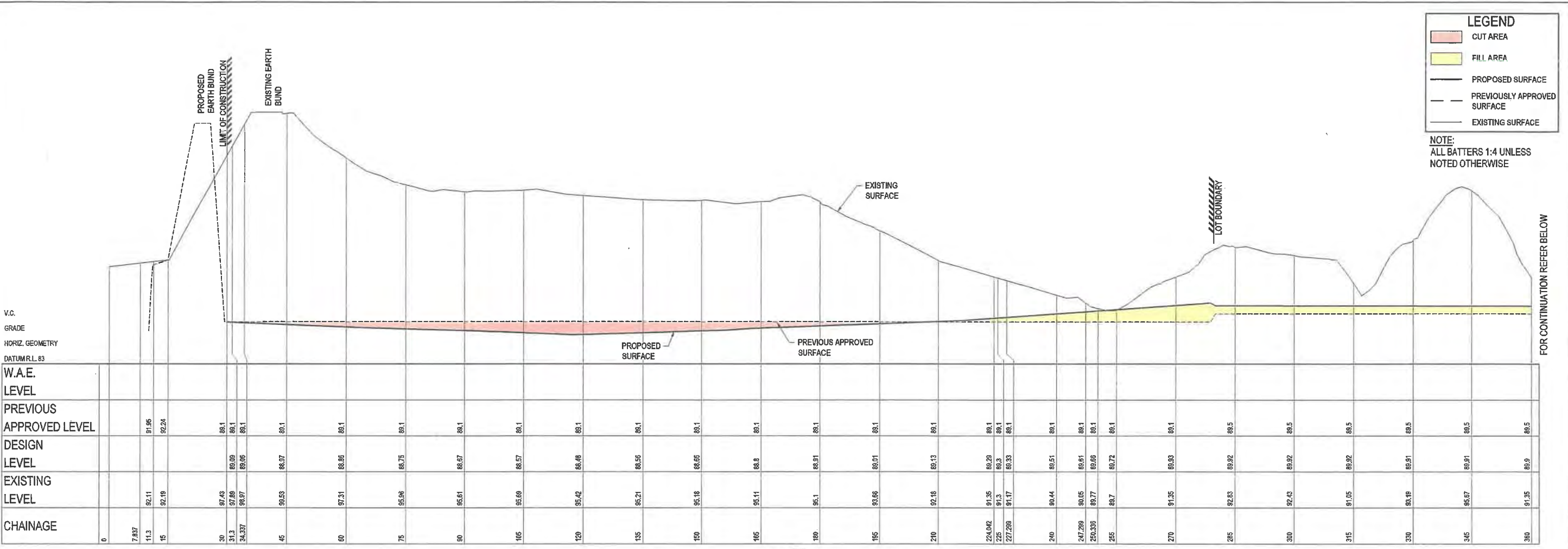
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<table border="1"> <thead> <tr> <th>DESIGN</th> <th>DRAWN</th> <th>CHECK</th> <th>APPR.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>LF</td> <td>PS</td> <td>EF</td> <td>JM</td> <td>24/07/2019</td> </tr> <tr> <td>LF</td> <td>PS</td> <td>EF</td> <td>JM</td> <td>26/07/2019</td> </tr> </tbody> </table>	DESIGN	DRAWN	CHECK	APPR.	DATE	LF	PS	EF	JM	24/07/2019	LF	PS	EF	JM	26/07/2019	<p>AMENDMENT DETAILS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ISSUE FOR S4.56 APPROVAL</td> <td></td> </tr> </tbody> </table>	NO.	DESCRIPTION	DATE	1	ISSUE FOR S4.56 APPROVAL		<p>STATUS</p> <p>FOR SECTION 4.56 APPLICATION</p> <p>AUTHORISED FOR ISSUE:</p> <p>BY: JOSEPH MEKARY BE (Civil) (Hons) MIE(Aust. CPEng NER MBA MPM JP</p> <p>SIGN: </p> <p>DATE: 26/07/19</p>	<p>SCALE</p> <p>0 1 2 3 4 5 6 7 8 SCALE 1:100 (A1)</p> <p>0 5 10 15 20 25 30 35 40 SCALE 1:500 (A1)</p> <p>SCALE 1:200 (A3)</p> <p>SCALE 1:1000 (A3)</p>	<p>CLIENT</p>	<p>PROJECT</p> <p>CSR HORSLEY PARK - STAGE 2A, 2B & 2C SUBDIVISION DESIGN</p> <p>© 2019 calibregroup.com</p>	<p>DRAWING TITLE</p> <p>SITE REGRADING SECTIONS SHEET 04 OF 05</p> <p>DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY.</p> <table border="1"> <thead> <tr> <th>PROJECT No.</th> <th>DRAWING No.</th> <th>MILESTONE</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td>15-001115.13</td> <td>205</td> <td>S4.56</td> <td>1</td> </tr> </tbody> </table>	PROJECT No.	DRAWING No.	MILESTONE	REVISION	15-001115.13	205	S4.56	1
DESIGN	DRAWN	CHECK	APPR.	DATE																															
LF	PS	EF	JM	24/07/2019																															
LF	PS	EF	JM	26/07/2019																															
NO.	DESCRIPTION	DATE																																	
1	ISSUE FOR S4.56 APPROVAL																																		
PROJECT No.	DRAWING No.	MILESTONE	REVISION																																
15-001115.13	205	S4.56	1																																

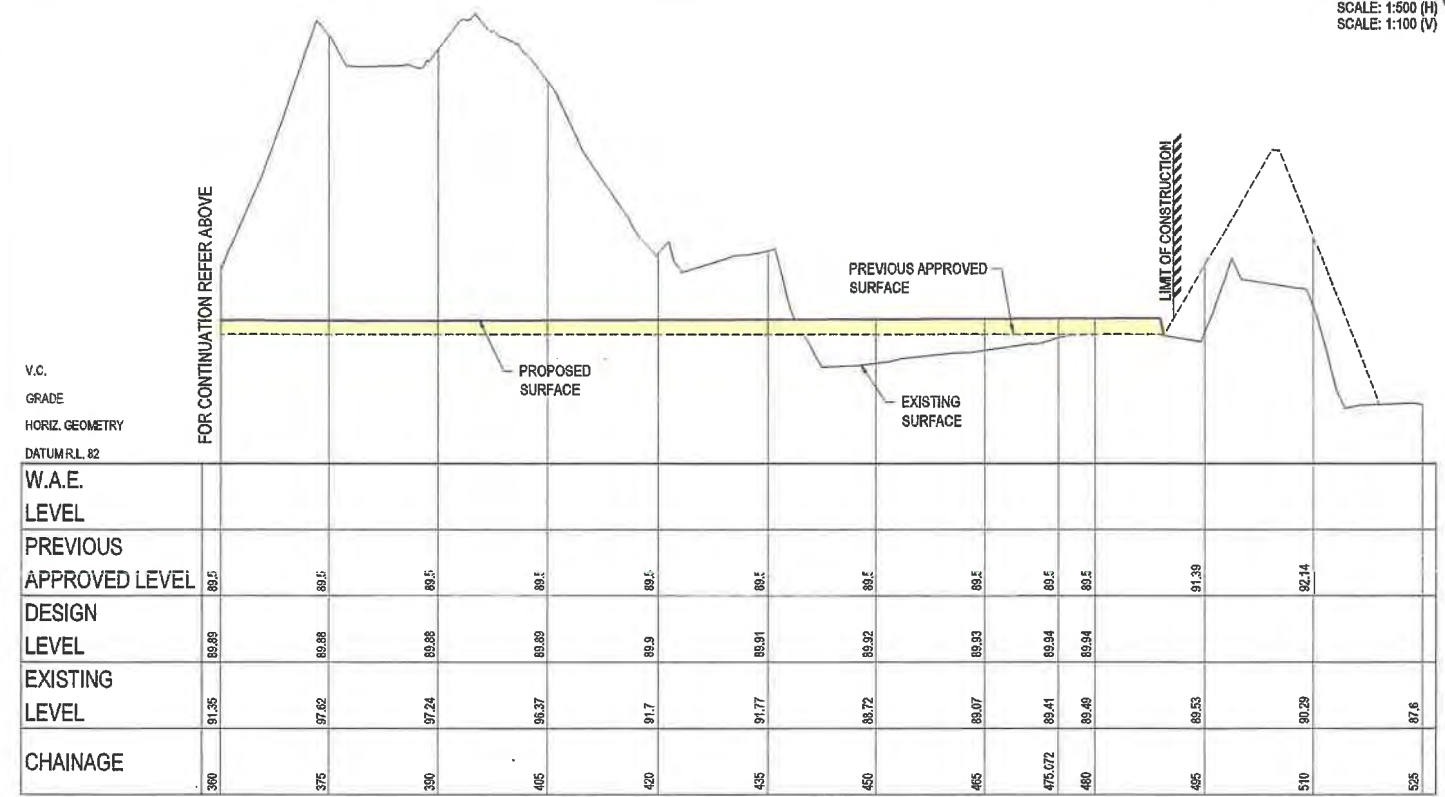
LEGEND

- CUT AREA
- FILL AREA
- PROPOSED SURFACE
- PREVIOUSLY APPROVED SURFACE
- EXISTING SURFACE

NOTE:
ALL BATTERS 1:4 UNLESS NOTED OTHERWISE



SECTION G
SCALE: 1:500 (H)
SCALE: 1:100 (V)



SECTION G-201
SCALE: 1:500 (H)
SCALE: 1:100 (V)

FAIRFIELD CITY COUNCIL

THESE PLANS ARE TO BE READ IN CONJUNCTION WITH LAND & ENVIRONMENT COURT (LEC) APPEAL NO. 10634 of 2014 (DA 893.1/2013) DATED 16 OCTOBER 2015 AND COUNCIL'S REFERENCE MA 893.7/2013 APPROVED 23 JUNE 2020.
NOTE: THIS IS NOT AN APPROVAL TO ERECT/DEMOLISH A BUILDING UNDER SECTION 77 OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979, AS AMENDED.

SIGNED: _____

DESIGN	DRAWN	CHECK	APPD.	DATE
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LF	PS	EF	JM	26/07/2019

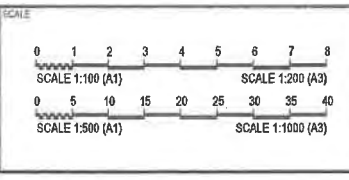
AMENDMENT DETAILS

ISSUE	DATE	DESCRIPTION
1	26/07/2019	ISSUE FOR S4.56 APPROVAL

FOR SECTION 4.56 APPLICATION

BY: JOSEPH MEKARY
BE (Civ) (Hons) MIEAust. CPEng NER
MBA MPM JP

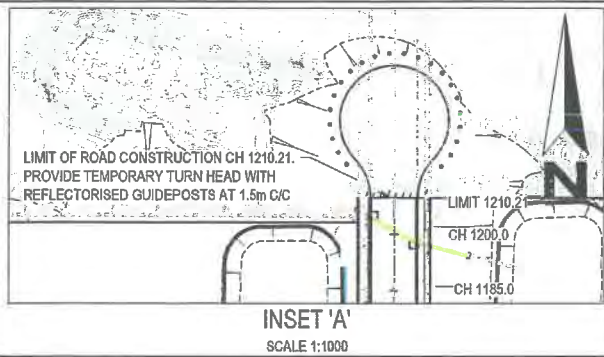
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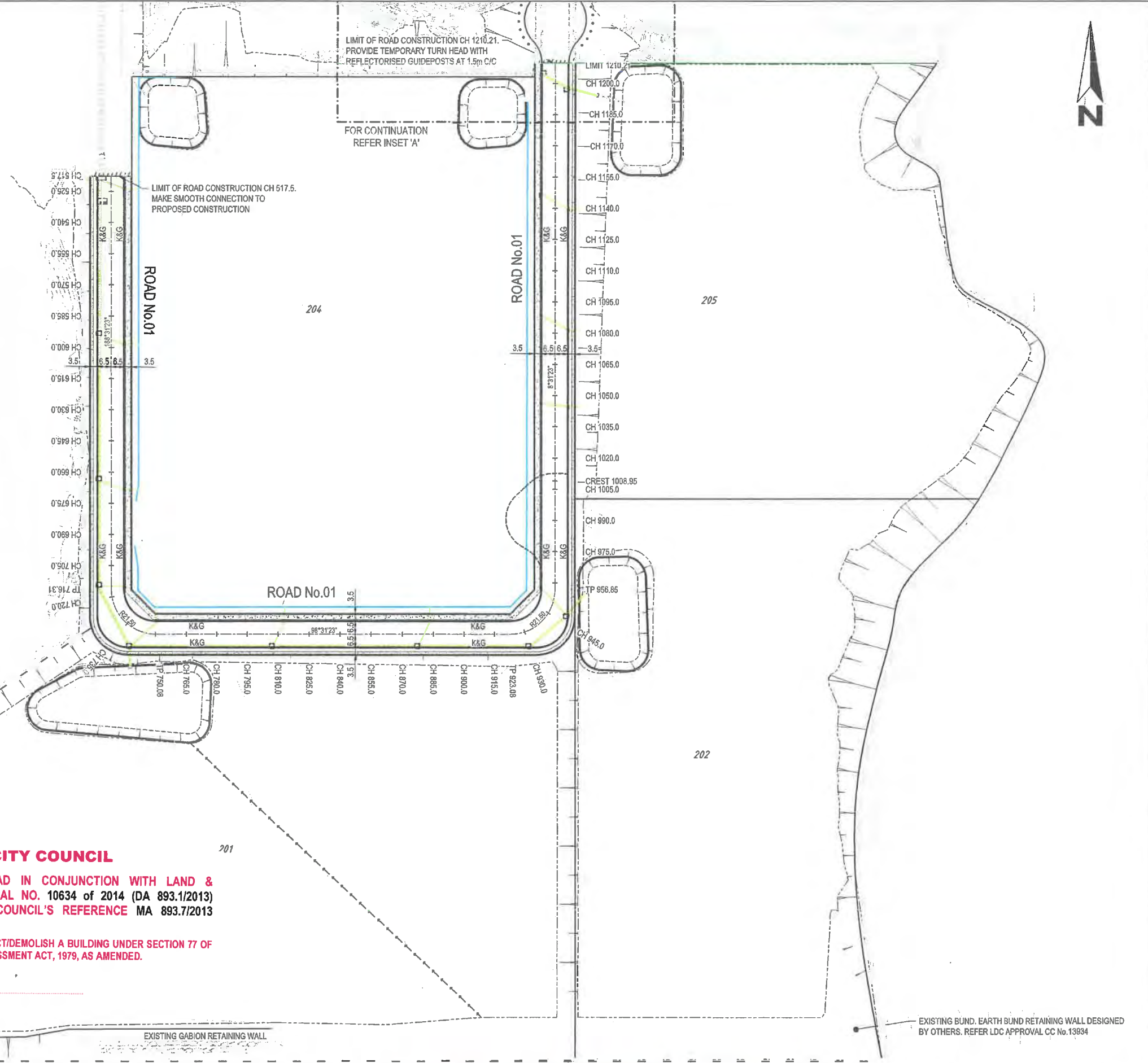
PROJECT: CSR HORSLEY PARK - STAGE 2A, 2B & 2C SUBDIVISION DESIGN

DISCLAIMER: ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY

PROJECT	DRAWING TITLE	PROJECT No.	DRAWING No.	MILESTONE	REVISION
CSR HORSLEY PARK - STAGE 2A, 2B & 2C SUBDIVISION DESIGN	SITE REGRADING SECTIONS SHEET 05 OF 05	15-001115.13	206	S4.56	1



NOTE:
ROAD & DRAINAGE DESIGN TO BE CONSTRUCTED
IN ACCORDANCE TO LDC APPROVAL CC No. 13934



FAIRFIELD CITY COUNCIL

THESE PLANS ARE TO BE READ IN CONJUNCTION WITH LAND & ENVIRONMENT COURT (LEC) APPEAL NO. 10634 of 2014 (DA 893.1/2013) DATED 16 OCTOBER 2015 AND COUNCIL'S REFERENCE MA 893.7/2013 APPROVED 23 JUNE 2020.

NOTE: THIS IS NOT AN APPROVAL TO ERECT/DEMOLISH A BUILDING UNDER SECTION 77 OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979, AS AMENDED.

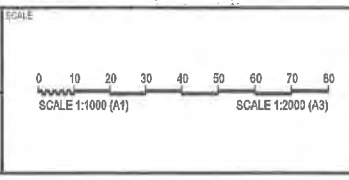
SIGNED: _____

REV	DATE	BY	CHKD	APPD	DATE	DESCRIPTION
1	24/07/2019	LF	PS	EF	JM	ISSUE FOR S4.56 APPROVAL
2	26/07/2019	LF	PS	EF	JM	AMENDMENT

FOR SECTION 4.56 APPLICATION

AUTHORISED FOR ISSUE
BY: JOSEPH MEKARY
BE (Civil) (Hons) MEng Aust. CPEng NER
MEB MPM JP

SIGN: *JM*
DATE: 26/07/19



PROJECT: CSR HORSLEY PARK - STAGE 2A, 2B & 2C
SUBDIVISION DESIGN

DRAWING TITLE: ENGINEERING PLAN

DISCLAIMER: ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY

PROJECT No.	DRAWING No.	MILESTAGE	REVISION
15-001115.13	301	S4.56	1

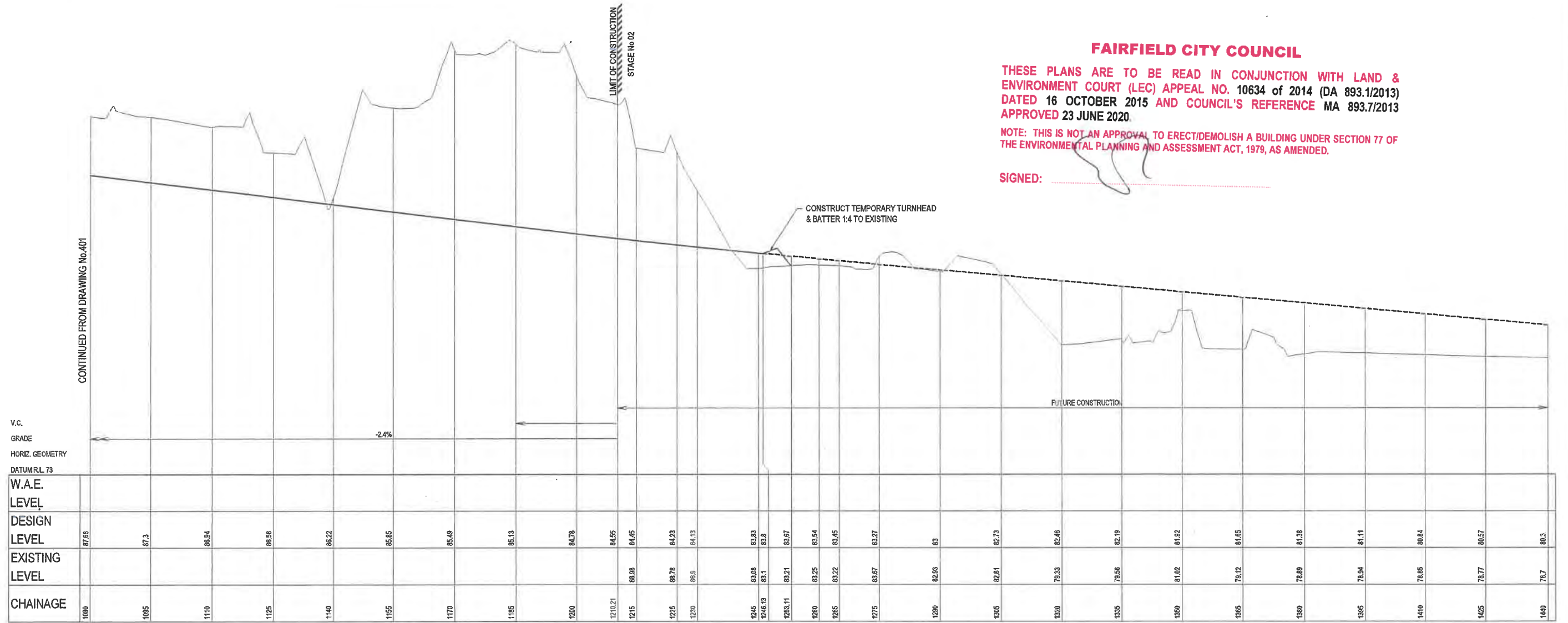
FILE: I:\STAGING\PROJECTS\15001115_13 - STAGE 202 TECHNICAL\01 MODEL\AUTOCAD\15001115_13_S4.56_S01.DWG LAST SAVED BY: ANDREW VANDOS

FAIRFIELD CITY COUNCIL

THESE PLANS ARE TO BE READ IN CONJUNCTION WITH LAND & ENVIRONMENT COURT (LEC) APPEAL NO. 10634 of 2014 (DA 893.1/2013) DATED 16 OCTOBER 2015 AND COUNCIL'S REFERENCE MA 893.7/2013 APPROVED 23 JUNE 2020.

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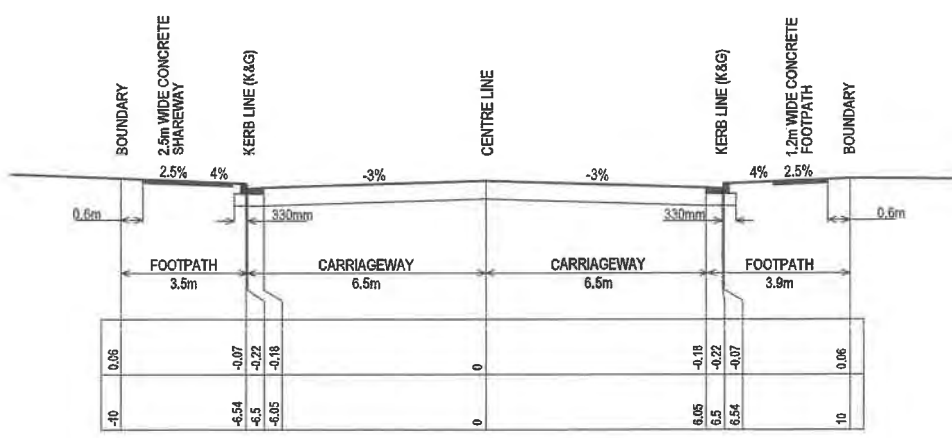
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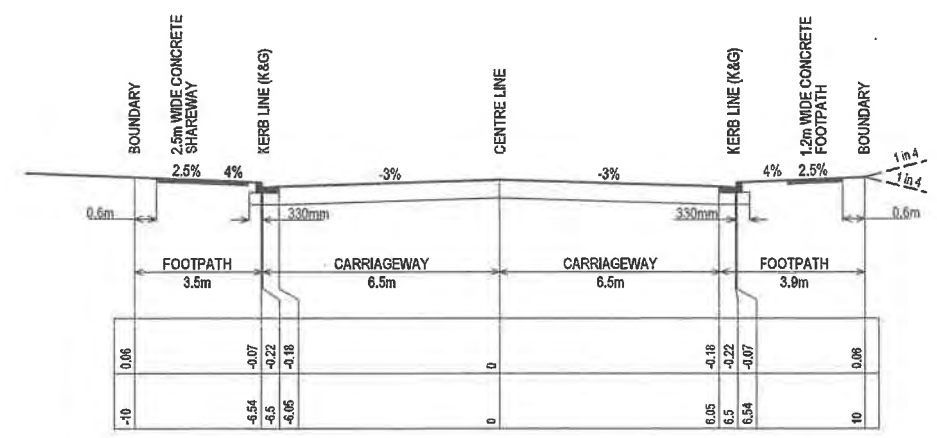
V.C.
GRADE
HORIZ. GEOMETRY
DATUM R.L. 73

W.A.E. LEVEL	DESIGN LEVEL	EXISTING LEVEL	CHAINAGE
	87.66		1080
	87.3		1095
	86.94		1110
	86.58		1125
	86.22		1140
	85.85		1155
	85.49		1170
	85.13		1185
	84.78		1200
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	83.27	83.67	1275
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	82.46	79.33	1320
	82.19	79.56	1335
	81.92	81.02	1350
	81.65	79.12	1365
	81.38	78.89	1380
	81.11	78.94	1395
	80.84	78.85	1410
	80.57	78.77	1425
	80.3	78.7	1440

LONGITUDINAL SECTION CENTRELINE - ROAD No.01 (cont)
SCALE 1:500 (H)
SCALE 1:100 (V)



TYPICAL CROSS SECTION - ROAD No.01
CH 720 to CH 998.03
SCALE 1:100 (NATURAL)



TYPICAL CROSS SECTION - ROAD No.01
CH 0 to CH 720 & CH 998.03 to END
SCALE 1:100 (NATURAL)

FILE: I:\STANDARD\PROJECTS\15-CSR\HORSLEY PARK\15-001115.13 - STAGE 205 TECHNICAL\15-001115.13-0456-02.DWG LAST SAVED BY ANDREW WARDON

DESIGN	DRWN	CHECK	APPR.	DATE
LF	PS	EF	JM	24/07/2019
1	LF	PS	JM	26/07/2019

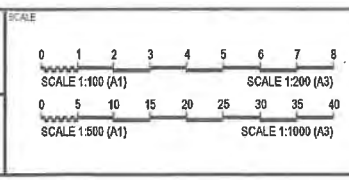
AMENDMENT DETAILS

ISSUE FOR S4.56 APPROVAL

FOR SECTION 4.56 APPLICATION

AUTHORISED FOR ISSUE
BY: JOSEPH MEKARY
BE (Civil) (Hons) MIEAust. CPEng NER
MBA MPM JP

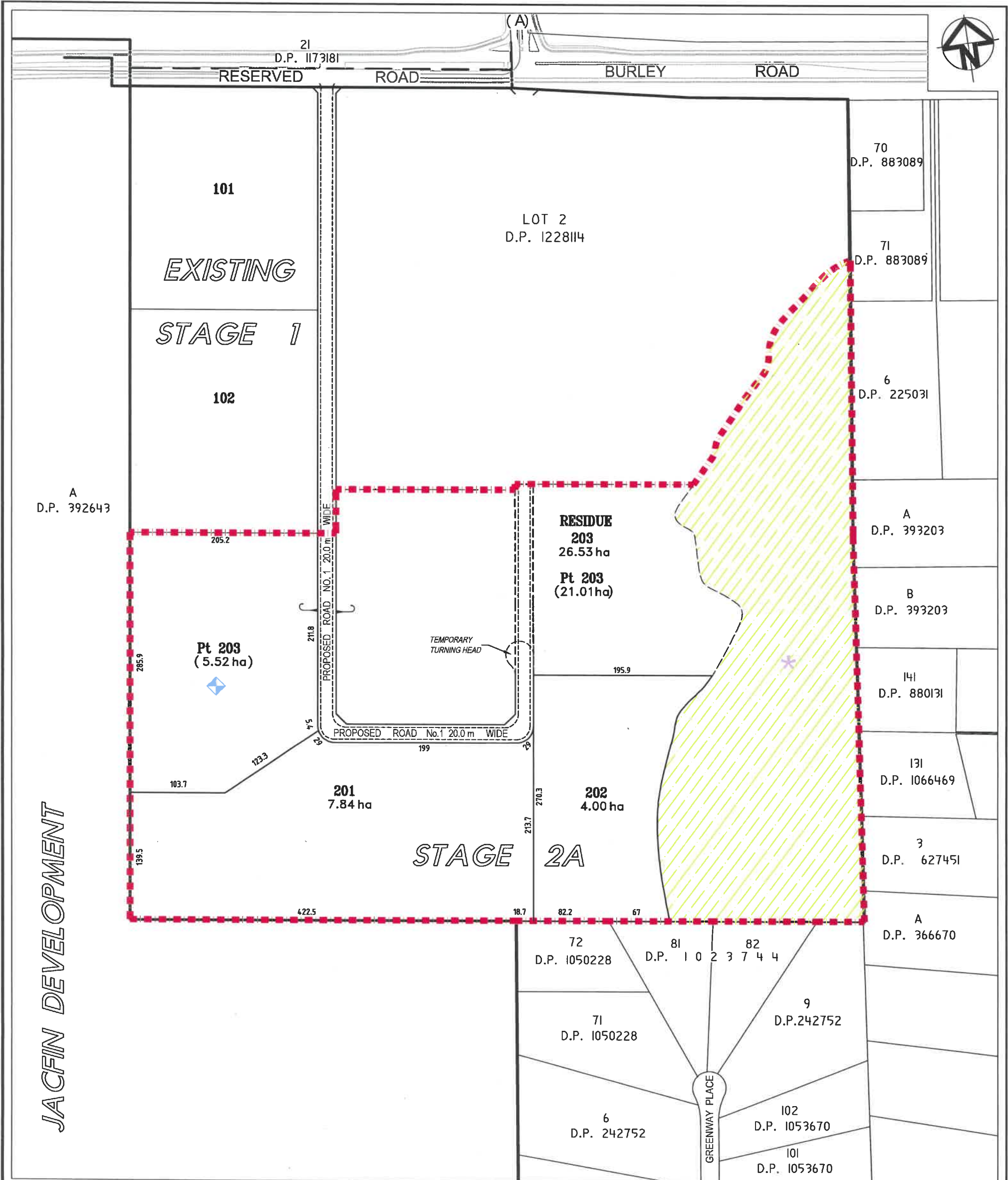
SIGN: *JM*
DATE: 26/07/19



PROJECT
CSR HORSLEY PARK - STAGE 2A, 2B & 2C
SUBDIVISION DESIGN

DISCLAIMER
ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY

PROJECT No.	DRAWING No.	MILESTONE	REVISION
15-001115.13	402	S4.56	1



JACFIN DEVELOPMENT

FAIRFIELD CITY COUNCIL

THESE PLANS ARE TO BE READ IN CONJUNCTION WITH LAND & ENVIRONMENT COURT (LEC) APPEAL NO. 10634 of 2014 (DA 893.1/2013) DATED 16 OCTOBER 2015 AND COUNCIL'S REFERENCE MA 893.7/2013 APPROVED 23 JUNE 2020

NOTE: THIS IS NOT AN APPROVAL TO ERECT/DEMOLISH A BUILDING UNDER SECTION 77 OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979, AS AMENDED.

SIGNED: _____

LEGEND	
(A)	OLD WALLGROVE ROAD
*	RESTRICTION ON THE USER - ENV. CONSERVATION LAND
◆	RESTRICTION ON THE USER - LANDFILL LAND
	ENVIRONMENTAL CONSERVATION

LOT SUMMARY	
STAGE 2A	
201 & 202	= 2 INDUSTRIAL LOTS
203	= 1 RESIDUE LOT

REV	DATE	BY	REASON
1	12/12/2013		
2	07/02/2019		REVISION
3	02/04/2019		REVISION
4	04/04/2019		LOTS 201 & 204 REVISED
5	10/04/2019		REVISION
6	02/08/2019		REVISION
7	13/09/2019		REVISION
8	19/09/2019		REVISION

CLIENT: **CSR**

AUTHORISED FOR ISSUE: **Peter Lee**

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Business Unit Manager - Planning DATE: 19/09/2019

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SECTION 4.55 STAGE 2A - SUBDIVISION PLAN

PROJECT: 327-335 BURLEY ROAD, HORSLEY PARK

DRAWING TITLE: PROPOSED SUBDIVISION OF LOT 103 IN D.P. 1214912

SCALE: 0 20 40 60 80 100 120 140 160

SCALE 1:2000 (A1) SCALE 1:4000 (A3)

PROJECT No. X13044.P_ST-2A DRAWING No. 1 OF 3

