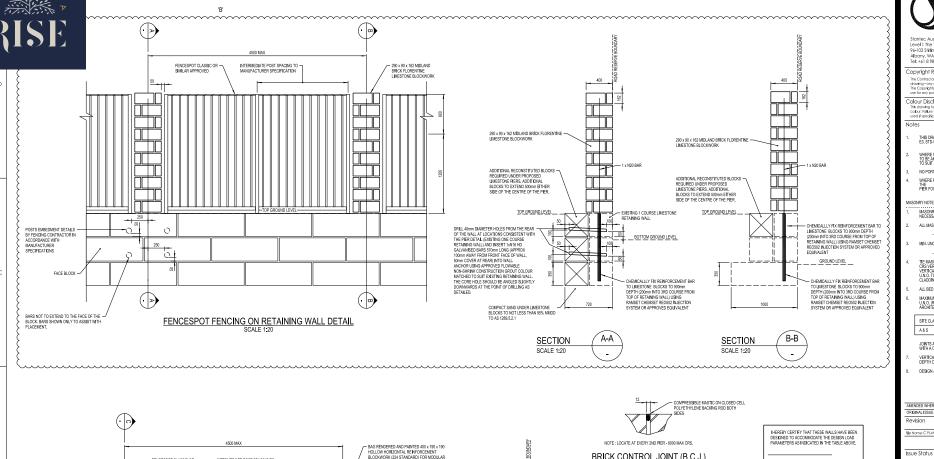
Stantec Stantec Australia Ptv 1td evel 1 The Terrace Centre 96-102 Stirting Terrace Albany, WA 6330 Tel: +61 8 9842 3700 35.01 35.01 35.85 36.77 37.96 38 95 Copyright Reserved 38 53 38.68 39.27 39.81 § 40 10 **\$**[40 50 40.65 40.65 40.82 40.82 § 4105 The Contractor shall weitly and be responsible for all dimensions. DO NOT scale the drawing - any errors or amissions shall be reported to Stantee without delay. The Copyrights to all designs and drawings are the property of Stantee. Reproduction or use for any purpose other than that authorised by Stantee's forcididen. 15593 35 93 36.77 37.17 37 97 Colour Disclaimer Colour Discretified

This drawing has been documented in colour. This drawing is required to be printed in colour. Rollure to do so may result in loss of information. Black and white printing may be used it specific black and white documents have been abstance from Stanten. REFER TO DRAWING 27542-3-FE FOR LANDING AND STAIRS DETA ROAD 3 Notes LIMESTONE BLOCKS SHALL HAVE A MINIMUM DRY DENSITY OF 1500 KG/m 39.73 58 [40.40] ALL LIMESTONE BLOCKS TO BE TUNGSTEN OUT AND PALLETISED. 36.80 38.10 4120 99 ALL LIMESTONE BLOCKS TO BE FULLY JOINTED WITH MORTAR (MINIMUM 1:29 38 30 32 52 38.80 CEMENT, LIME, SAND RATIO. 39.73 59 40.60 £110 £110 [110] [410] [412] [412] NORTH LAKE 10 36.77 MORTAR JOINTS TO BE 20mm WIDE, FINISHED FLUSH WITH A RULED JOINT, TOP COURSE ROAD 103 101 100 4140 98 OF WALL TO HAVE FLUSH JOINTS ON TOP SURFACE ONLY 40.13 60 [40.70] 36.80 38.10 COMPACTED SAND RACKELL TO WALLS IN 200mm LAYERS TO NOT LESS THAN 95% 38 50 33 51 39.10 40.13 61 [60.75] <u>[182</u> 97 120 IN IN IN IN IN FACE BLOCKS SHALL BE RECONSTITUTED LIMISTONE AND SELECTED ON SITE TO 40.38 62 40.80 POS 38 30 38.60 TOP COURSE AND FACEWORK. 38.80 3 50 39.40 ROAD 6 CRESCENT WALL TO BE FULLY PROPPED PRIOR TO BACKFILL AND COMPACTION. 40.38 42 02 96 63 40.88 E130 E140 E150 E160 4175 COMPACT GROUND IN FRONT OF WALL PRIOR TO BACKFILL AND COMPACTION. 4120 39.00 39 00 40.68 64 41.10 39.30 3 49 39.60 ALL BACKFILL TO BE FREE DRAINING CLEAN SAND, FREE OF DELETERIOUS MATTER. 3 42 30 95 ROAD 3 40.68 FOOTING SUBGRADE TO BE COMPACTED TO 95% MIMIDD BEFORE LAYING LIMESTONE 65 41.20 BUCKINGHAM 39.70 39.60 ROAD 48 40.00 89 90 91 92 4170 4180 4185 4190 39.80 88 4160 93 41.90 40.75 66 4130 42 30 94 CONTRACTOR SHALL CONFIRM FINISHED VERGE LEVEL BEFORE COMMENCING RETAINING WALL CONSTRUCTION AD INCENT TO VERGES RETAINING WALL SETOUT DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 39.96 40.37 67 [[4]40] 40.75 39.80 37 27542-PER-C-3/E1 E4 E5 AND E6 47 40.10 CONTRACTOR TO PROVIDE CONSTRUCTION JOINT CONNECTION TO EXISTING WALL 25 40.30 RUBBLE SHALL NOT BE USED TO FILL VOIDS UNLESS OTHERWISE NOTED. RECONSTITUED ROAD 7 4125 BLOCKS SHALL BE USED FOR PACKING BLOCKS, ALL BLOCKS SHALL BE LAID IN 40.50 38 46 40.40 ACCORDANCE WITH DETAIL ON DRAWING 27542 PER C 3/66. NON-SACRIFICIAL ANTI-GRAFFITI COATING SHALL BE APPLIED TO ANY WALLS EXPOSED TO ROAD FRONTAGE, P.O.S. OR SCHOOLS. CONTRACTOR SHALL PROVIDE CERTIFICATION THAT COATING HAS BEEN APPLED AND ISSUE CLEANING. 4194 40.49 40.80 39 45 40 40 SPECIFICATION TO SUPERINTENDANT FOR LODGEMENT WITH COUNCIL PRIOR TO 40.73 4194 68 41.90 41.90 82 1.2 20 42 20 42.20 42 60 PRACTICAL COMPLETION. 42.60 4173 R\$ 83 85 87 ALL RETAINING WALLSTURS EXTENDING INTO FUTURE LOTS ARE TO BE 2m LONG. 43.13 69 71 4103 42.40 42 02 41.10 40.80 41.10 [43.13] B 72 4103 ROAD 3 41.35 PRELIMINARY 43.90 43.40 42.90 4230 41.80 180 4148 4148 4148 4148 I HEDERY CEDTIEV THAT THESE WALLS HAVE BEEN NOT FOR CONSTRUCTION DESIGNED TO ACCOMMODATE THE DESIGN LOAD PARAMETERS AS INDICATED IN THE TABLE ABOVE. This document is suitable only for the purpose noted above. Use of this document for any other (PRINT NAME) purpose is not permitted. PRACTISING STRUCTURAL ENGINEER FOR WOOD AND GRIEVE ENGINEERS Client/Project Logo TOP COURSE TO BE INSTALLED AS PART OF BUILT FORM, BY OTHERS LEGEND: VARIES —THE CONTRACTOR SHALL PROVIDE TEMPORARY SAFETY FENCING TO THE TOP OF ALL WALLS SCULMESS HIGH AND OVER WHERE TO THE TOP OF ALL WALLS SCULMESS HIGH AND OVER WHERE SHALL USE STOLED STAR ROWN/PORTS SOF PROVIDE WITH 3 STRANDS GAVANISED WIRE. FENCE SHALL BE ENCIFED IN LOT PARELS TO ALLOWED WICH OF PROVIDE TO THE OWNER OF THE OWNER OWNER OWNER OF THE OWNER OWN STAGE BOUNDARY HIGH SIDE OF WALL IN CIVIL WORK SCOPE EXISTING RETAINING WALL MAXIMUM 1:4 BATTER YOLK PROPERTY GROUP FUTURE RETAINING WALL LOWER GROUND LEVEL PROPOSED LIMESTONE RETAINING WALL TOP OF FINISHED RETAINING WALL HEIGHT TOP COURSE TO BE INSTALLED AS PART OF BUILT FORM, BY OTHERS KARDINYA STAGE 3 CLOSE-OUT WORKS (TW 40.38) TOP OF RETAINING WALL HEIGHT IN CIVIL WORK SCOPE TW 40.01 LOT 4225 NORTH LAKE ROAD, KARDINYA BOTTOM OF RETAINING WALL HEIGHT BW 38,92 BOTTOM OF WALL 12.08 EXISTING PAD LEVEL RETAINING WALL PLAN TEMPORARY RETAINING WALL FENCES FOR EXISTING STAIRS 350x350x1000 LONG LIMESTONE BLOCKS WALLS GREATER THAN 2 VISIBLE COURSES KEEP FLAT ACROSS SECTION A - TYPICAL RETAINING WALL DETAIL WIDTH OF FRONT BLOCK PROPOSED STAIRS TYPICAL EXCEPT WHERE SHOWN. TYPICAL WALL ELEVATION SCALE 1:50 WAPC No. Project No Scale 27542 248-16 1:500 @ A1 Revision Drawing No. PER-C-3-E11

ORIGINAL ISSUE	Α	KLI	DMN	2022.03.30
Revision	Rev	Ву	Appd	YYYY,MM.DD
File Name: C PLAN RETAINING WALLS.DGN	KII	KL	DMN	2022.03.01
	Dwn.	Dson.	Chkd.	YYYY.MM.DD

T A STATE OF THE S Stantec NORTH LAKE ROAD Stantec Australia Pty. Ltd. Level 1 The Terrace Centre 96-102 Stiring Terrace Albany, WA 6330 Tel: +61 8 9842 3700 EXISTING POST AND PANEL WALL TO BE REPLACED -WITH CANTILEVER RETAINING WALL NEW WALL HEIGHTS AND LEVELS TO MATCH EXISTING. CONTRACTOR TO PROVIDE TEMPORARY SHORING DURING WORKS. Copyright Reserved POS The Contractor shall waitly and be responsible for cli dimensions. DO NOT scale the drawing- any errors or crisistons shall be reported to Stantee without delay. The Copyright for a designs and dowings are the property of Stantee. Reproduction or use for any purpose other than that authoritied by Stantee is forbilden. Colour Disclaimer COION DISCIOITHEI This drawing has been documented in colour. This drawing is required to be printed in colour. Failure to do so may result in loss of information. Black and white printing may be used if specific black and white documents have been obtained from Stantec. FE 2 FF 2 Notes THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL 27542-PER-C-3
DRAWINGS, STD-WGEISTD1 AND SPECIFICATION.
ALL FENCE POSTS TO BE CORED MINIMUM 250mm INTO THE THIRD COURSE. 95 LEGEND EXISTING RETAINING WALL PROPOSED CANTILEVER WALL FENCE LONGSECTIONS REFERENCE NAME. (REFER TO FENCE LONGSECTIONS) PROPOSED MER AND INFILL FENCING FENCE A - FENCESPOT CLASSIC (OR SMILAR APPROVED BY SUPERINTENDENT) COLOUR: BLACK PROPOSED MASONRY ACOUSTIC WALL PROPOSED 1.8m HIGH FENCESPOT CLASSIC FENCE COLOUR; BLACK L®. ROAD 4 PROPOSED 1.8m HIGH COLOURBOND FENCE COLOUR: SURFMIST LOT 100 LANDING RL 40.74 ~® **-**(§) PROPOSED 450x350 BAG RENDERED AND PAINTED PIER PROPOSED 400 x 400 MIDLAND BRICK FLORENTINE LIMESTONE PIER OT 100 STAIRS PROPOSED 350 x 350 MASONRY PIER UPPER LEVEL: 530mm NUMBER OF RISERS: RISE: 177mm (APPRO GOING: 260mm EXISTING STAIRS PROPOSED STAIRS LOT 101 STAIRS: UPPER LEVEL: 650mm NUMBER OF RISERS: 4 RISE: 163mm (APPROX. GOING: 250mm PROPOSED PEDESTRIAN GATE 92 `√⊚ START OF FENCE LONGSECTION END OF FENCE LONGSECTION LOT 101 LANDING RL 40.6 102 ROAD 3 ROAD (B KLI DMN 2022,03,15
A KLI DMN 2022,03,01
Rev By Appd YYYY,MM,DD 103 82 ORIGINAL ISSUE LOT 104 LANDING RL 4 Revision LOT 104 STAIRS: UPPER LEVEL: 670mm NUMBER OF RISERS: 4 RISE: 167mm (APPROX. GOING: 260mm | KII | KII | DMN | 2022.03.01 | Dwn. | Dsgn. | Chkd. | YYYY.MM.DD Issue Status LOT 105 STAIRS: UPPER LEVEL: 850mm NUMBER OF RISERS: 5 RISE: 171mm (APPROX.) GOING: 250mm **~**(§) **PRELIMINARY** E C NOT FOR CONSTRUCTION This document is suitable only for the purpose noted above.
Use of this document for any other purpose is not permitted. LOT 105 LANDING RL 40 -E (S)-68 ROAD 5 Client/Project Logo Client/Project YOLK PROPERTY GROUP KARDINYA STAGE 3 CLOSE-OUT WORKS LOT 4225 NORTH LAKE ROAD, KARDINYA Title FENCING PLAN -(E) Project No. WAPC No. Scale 1:250 2.5 0 2.5 5 7.5 10 12.5 A1 1:500 A3 FENCING PLAN SCALE 1:250 27542 248-16 1:250 @ A1 Revision Drawing No. PER-C-3-FE1



SCALE 1:20



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- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWING 27542-PER-C-3/E1 -E3, STD-WGE/STD1, 27542-PER-C-1/FE1 AND SPECIFICATION.
- WHERE FOOTINGS RESTRICTED BY BOUNDARIES/TRUNCATIONS, FOOTING SHAPE TO BE AMENDED TO SUIT BOUNDARY. REFER TO TRUNCATION DETAILS.
- NO PORTION OF FOOTING TO ENCROACH INTO ROAD RESERVE
- WHERE PIERS PRESENT, RETAINING WALL FOOTINGS TO BE AMENDED TO SUIT THE PIER FOOTING DETAIL, REFER TO PIER DETAILS.

- MASONRY CLADDING TO CONSIST OF 305 x 90 x 162mm BRICKS, CUT TO SUIT AS NECESSARY.
- ALL MASONRY TO BE BONDED WITH MORTAR CLASS AS FOLLOWS U.N.O: - M3 CLASS MORTAR (1 CEMENT: 1 LIME: 6 SAND)
- MIN, UNCONFINED COMPRESSIVE STRENGTHS OF MASONRY TO BE AS FOLLOWS:
- BRICKWORK 12MPa TIE MASONRY TO WALL WITH APPROVED PROPRIETARY TIES AT 350mm MAX. CRS VERTICALLY AND 900mm MAX. CRS VERTICALLY MAY 900mm MAX. CRS VERTICAL CRS MAY BEINCREASED TO 400mm THE CASC OF BLOCKWORK U.N.O. TOP ROW OF TILES TO BE INSTALLED UNDER TOP ROW OF MASONRY CLADCING.
- ALL BED JOINTS AND PERPS TO BE FULLY BEDDED MORTAR
- MAXIMUM VERTICAL WALL JOINT SPACING TO COMPLY WITH THE FOLLOWING U.N.O. (REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS):

SITE CLASS	WALL CONSTRUCTION	JOINT SPACING (m)
A&S	ALL	8.0

JOINTS ARE TO BE 10mm BRIDGED WITH MEAS AT 300 CRS (MAX.) AND FILLED WITH A COMPRESSIBLE MASTIC SEALANT ON A BACKING ROD.

- VERTICAL CHASING IS ACCEPTABLE WITHIN INTERNAL WALLS ONLY. MAXIMUM DEPTH OF VERTICAL CHASING IS 20mm AND TO ONLY BE LOCATED ON ONE FACE.
- DESIGN APPLICABLE ONLY FOR WIND REGION A1.

AMENDED WHERE CLOUDED	В В	KU	DMN	2022.04.01
ORIGINAL ISSUE	A	KLI	DMN	2022.03.01
Revision	Rev	By	Appd	YYYY.MM.DD
File Name: C PLAN FENCING.DGN	KU	KU	DMN	2022.03.01
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

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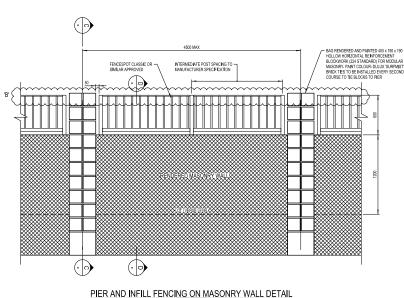
YOLK PROPERTY GROUP

KARDINYA STAGE 3 CLOSE-OUT WORKS

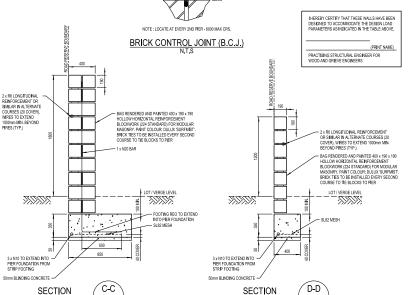
LOT 4225 NORTH LAKE ROAD, KARDINYA

FENCING AND PIER DETAILS SHEET 1 OF 2

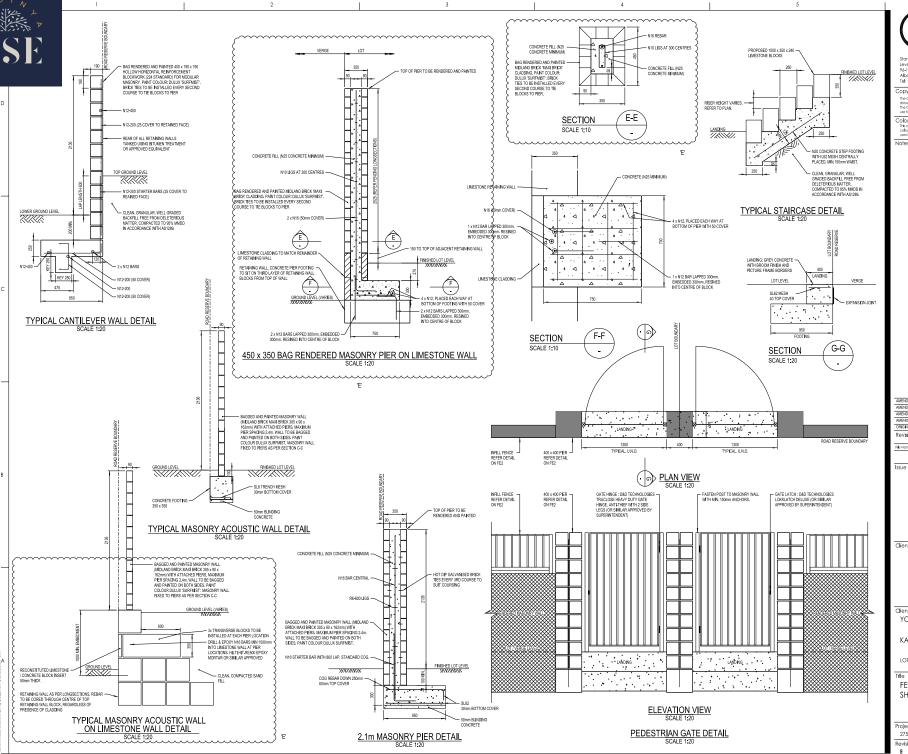
Revision	Drawing No.	PER-C-3-FF2
27542	248-16	AS SHOWN
Project No.	WAPC No.	Scale



SCALE 1:20



SCALE 1:20





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I HEREBY CERTIFY THAT THESE WALLS HAVE BEEN PARAMETERS AS INDICATED IN THE TABLE ABOVE. (PRINT NAME) PRACTISING STRUCTURAL ENGINEER FOR WOOD AND GRIEVE ENGINEERS

File Name: C PLAN FENCING.DGN	KU	KU	DMN	2022.03.01
Revision	Rev	Ву	Appd	YYYY.MM.DE
ORIGINAL ISSUE	A	KLI	DMN	2022,03,01
AMENDED WHERE CLOUDED	В .	KLI	DMN	2022.03.15
AMENDED WHERE CLOUDED	C	KU	DMN	2022.04.01
AMENDED WHERE CLOUDED	D	KU	DMN	2022,04,11
AMENDED WHERE CLOUDED	E	KU	DMN	2022.05.10

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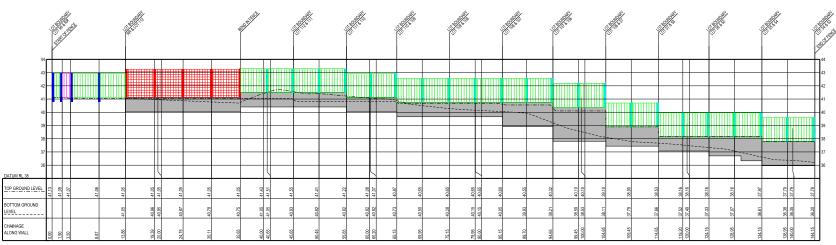
KARDINYA STAGE 3 CLOSE-OUT WORKS

LOT 4225 NORTH LAKE ROAD, KARDINYA

FENCING AND PIER DETAILS SHEET 2 OF 2

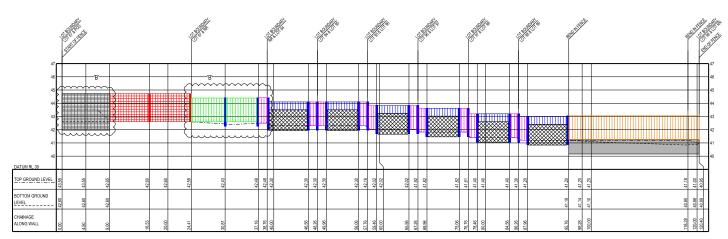
Revision	Drawing No.	PER.C.3.FE3		
27542	248-16	as shown		
Project No.	WAPC No.	Scale		





FENCING LONGSECTION 1 (FE 1)

SCALE 1:250 H 1:100 V



FENCING LONGSECTION 2 (FE 2)

SCALE 1:250 H 1:100 V

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LEGEND

LIMESTONE RETAINING WALL PROPOSED CANTILEVER RETAINING WALL 3'B' PROPOSED PIER AND INFILL FENCING

PROPOSED MASONRY ACCUISTIC WALL

PROPOSED 1.8m HIGH FENCESPOT CLASSIC FENCE

PROPOSED 1.8m HIGH COLOURBOND FENCE

PROPOSED 400 x 400 BAG RENDERED AND PAINTED PIER

PROPOSED 400 x 400 MIDLAND BRICK FLORENTINE LIMESTONE PIER PROPOSED 350 x 350 CONCRETE FOOTING

PROPOSED PEDESTRIAN GATE

Issue Status

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KARDINYA STAGE 3 CLOSE-OUT WORKS

LOT 4225 NORTH LAKE ROAD, KARDINYA

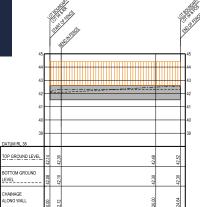
Title

FENCING LONG SECTIONS SHEET 1 OF 2

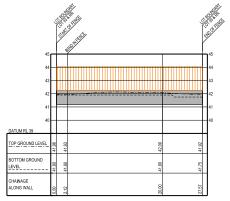
Project No. WAPC No. Scale 27542 248-16 AS SHOWN Revision PER-C-3-FE4

ORIGINAL SHEET - 60 AT COORD - PCGP4 DATUM - mAHD

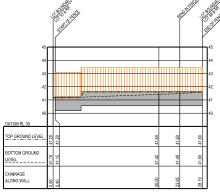




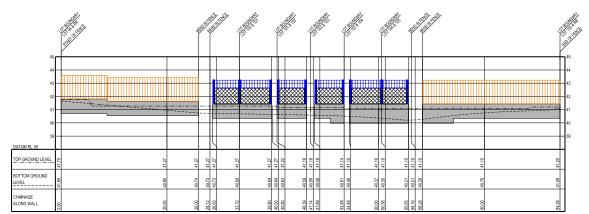
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SCALE 1:250 H
1:100 V



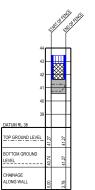
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SCALE 1:250 H
1:100 V



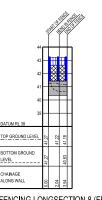
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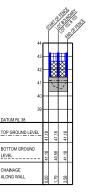
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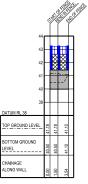
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SCALE 1:250 H
1:100 V



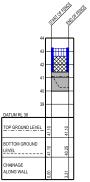
FENCING LONGSECTION 8 (FE 8) SCALE 1:250 H 1:100 V



FENCING LONGSECTION 9 (FE 9) SCALE 1:250 H 1:100 V



FENCING LONGSECTION 10 (FE 10) SCALE 1:250 H 1:100 V



FENCING LONGSECTION 11 (FE 11) SCALE 1:250 H 1:100 V



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LEGEND

PROPOSED HER AND INFILL FENCING ON MASONRY WALL

PROPOSED MASONRY ACQUISTIC WALL

PROPOSED 1 &m HIGH FENCESPOT CLASSIC FENCE

PROPOSED 1.8m HIGH COLOURBOND FENCE
PROPOSED 400 x 400 BAG RENDERED AND PAINTED PIER

PROPOSED 400 x 400 MIDLAND BRICK FLORENTINE LIMESTONE PIER

PROPOSED 350 x 350 CONCRETE FOOTING

PROPOSED PEDESTRIAN GATE

ORIGINAL ISSUE	A	KLI	DMN	2022.04.01
Revision	Rev	Ву	Appd	YYYY.MM.DD
File Name: C PLAN FENCING,DGN	KU	KU	DMN	2022.03.01
	Due	Dron	Chief	VVVV MM DE

Issue Status

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KARDINYA STAGE 3 CLOSE-OUT WORKS

LOT 4225 NORTH LAKE ROAD, KARDINYA

Title

FENCING LONG SECTIONS SHEET 2 OF 2

 Project No.
 WAPC No.
 Scale

 27542
 248-16
 AS \$HOWN

 Revision
 Drawing No.
 PER-C-3-FE5

BIGNAL SHEET- BO AT COORD - PCGP4 DATUM - MAHD

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