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 1/04/2026
APPLICATION REF
 A006825479

TREE LEGEND

TREES PROPOSED TO BE RETAINED AND PROTECTED.



TREES PROPOSED TO BE RETAINED AND REQUIRE ARBORIST (AQF5) DIRECTION & SUPERVISION FOR TPZ WORKS.

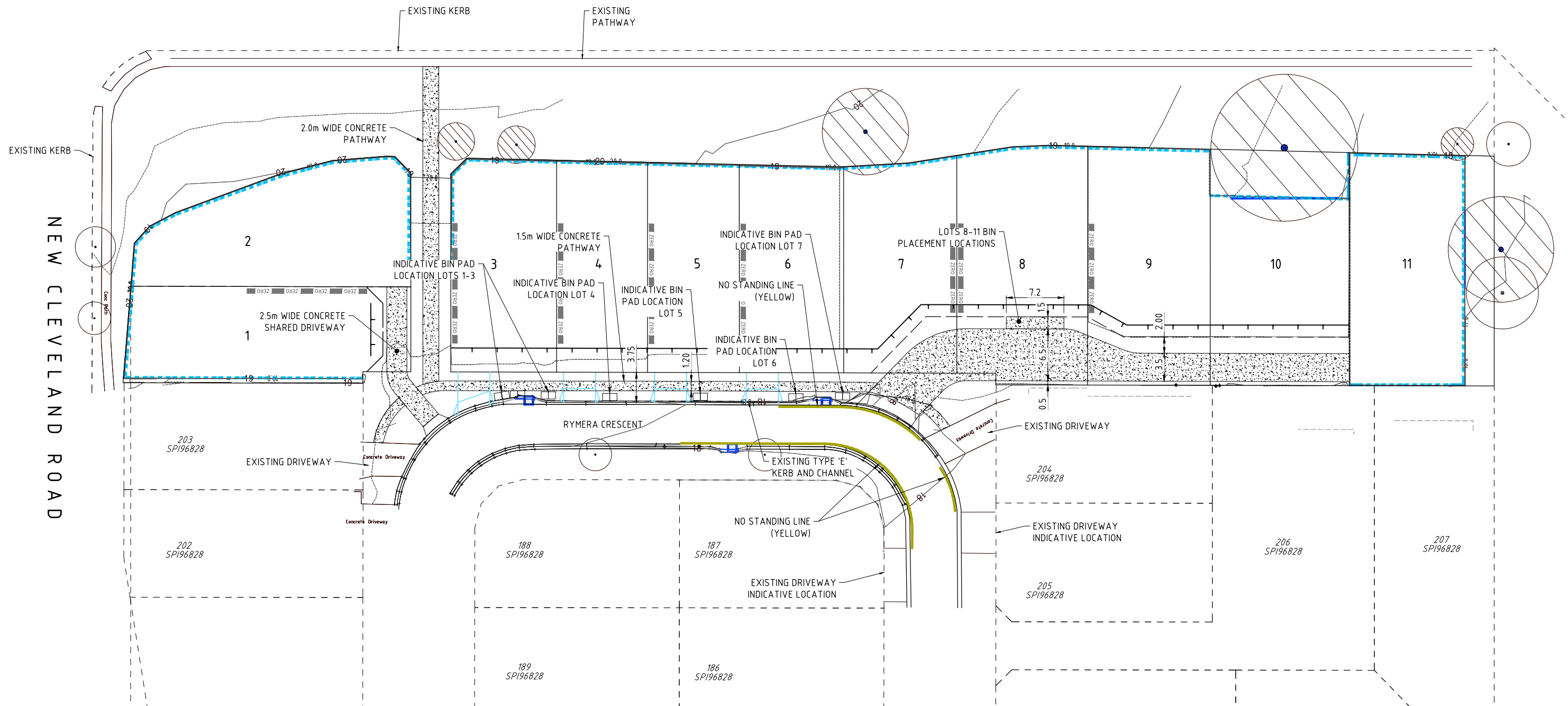


TREE PROTECTION ZONE (TPZ)
 TPZ to be protected in accordance with Protection of Trees on Development Sites (AS4970-2009) guidelines & any approval conditions.

LEGEND:

- FINISHED CONTOURS
- EXISTING KERB & CHANNEL
- EXISTING EDGE OF BITUMEN
- PROPOSED KERB & CHANNEL
- PROPOSED RETAINING WALL
- INDICATIVE DRIVEWAY LOCATION

T I L L E Y R O A D



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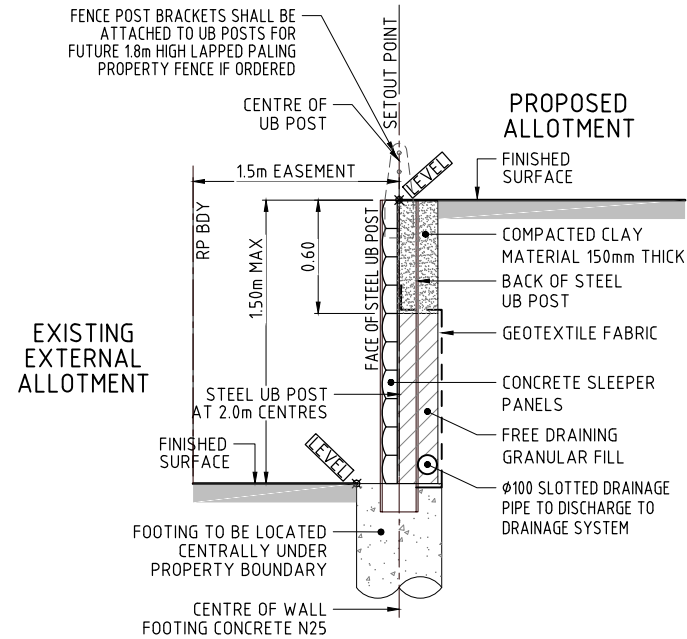
PLANNERS
 URBAN DESIGNERS
 SURVEYORS
 ENGINEERS
 LANDSCAPE ARCHITECTS

ENGINEERING CONCEPT - FUNCTIONAL TRAFFIC LAYOUT

704 NEW CLEVELAND ROAD, WAKERLEY

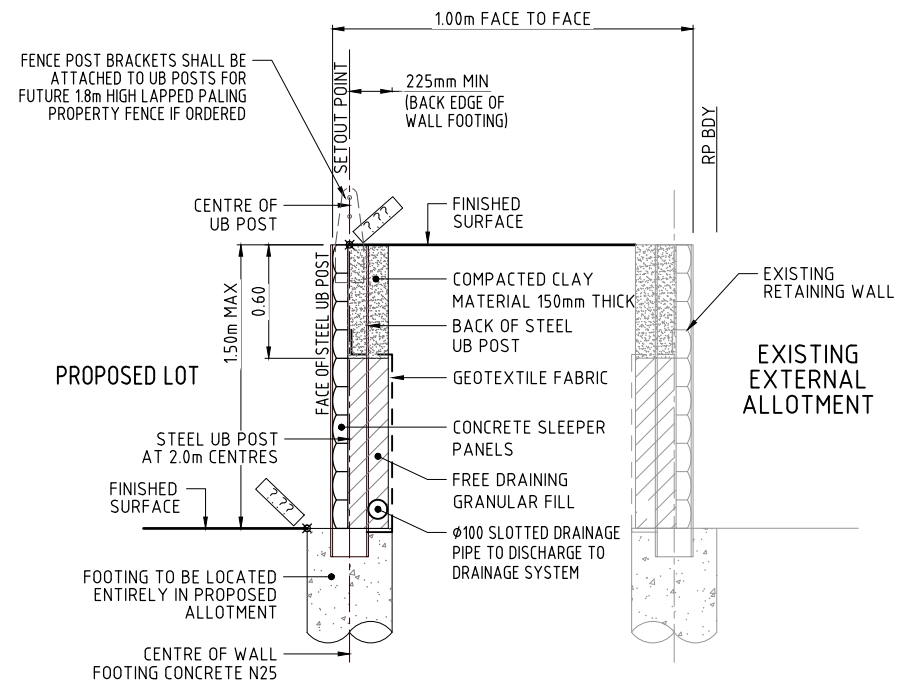
JOB NO: B4824EA1-DA1 PLAN: CT01 ISSUE: C
 SCALE: 1:250 @ A1
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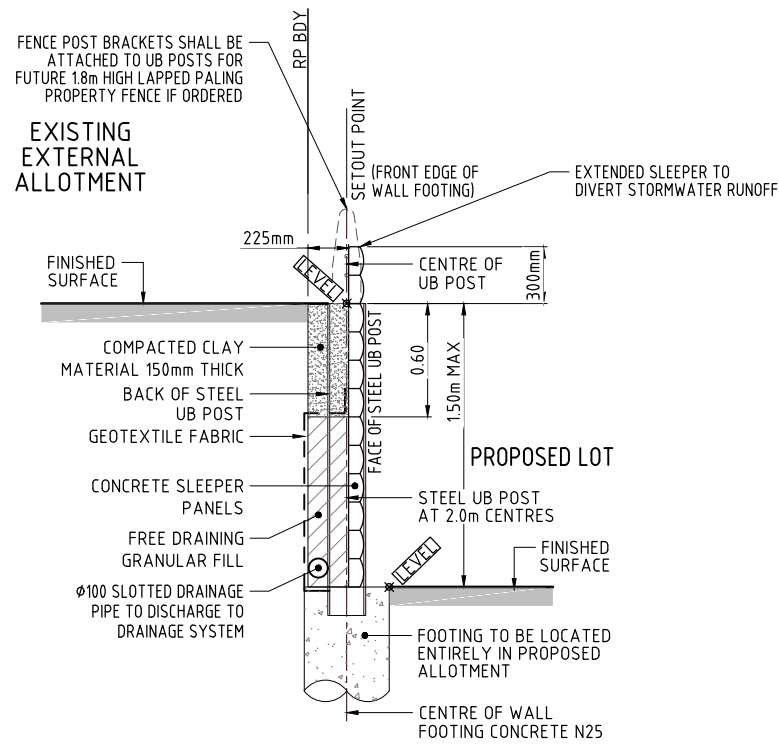
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CONCRETE SLEEPER/UB POST RETAINING WALL
 SCALE 1:20

NOTE: RETAINING WALL DESIGN (INCLUDING FENCE POST BRACKETS AND FITTINGS) AND CONSTRUCTION CERTIFICATION TO INCORPORATE LOADING FROM FUTURE 1.8m HIGH LAPPED PALING PROPERTY FENCE



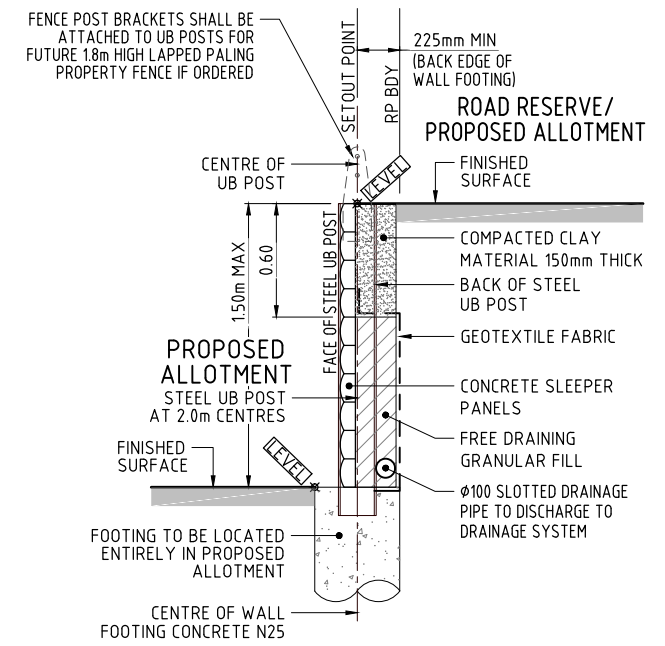
TYPICAL SECTION - TYPE A10
CONCRETE SLEEPER/UB POST RETAINING WALL
 SCALE 1:20

NOTE: RETAINING WALL DESIGN (INCLUDING FENCE POST BRACKETS AND FITTINGS) AND CONSTRUCTION CERTIFICATION TO INCORPORATE LOADING FROM FUTURE 1.8m HIGH LAPPED PALING PROPERTY FENCE



TYPICAL SECTION - TYPE A3
CONCRETE SLEEPER/UB POST RETAINING WALL
 SCALE 1:20

NOTE: RETAINING WALL DESIGN (INCLUDING FENCE POST BRACKETS AND FITTINGS) AND CONSTRUCTION CERTIFICATION TO INCORPORATE LOADING FROM FUTURE 1.8m HIGH LAPPED PALING PROPERTY FENCE



TYPICAL SECTION - TYPE A2
CONCRETE SLEEPER/UB POST RETAINING WALL
 SCALE 1:20

NOTE: RETAINING WALL DESIGN (INCLUDING FENCE POST BRACKETS AND FITTINGS) AND CONSTRUCTION CERTIFICATION TO INCORPORATE LOADING FROM FUTURE 1.8m HIGH LAPPED PALING PROPERTY FENCE



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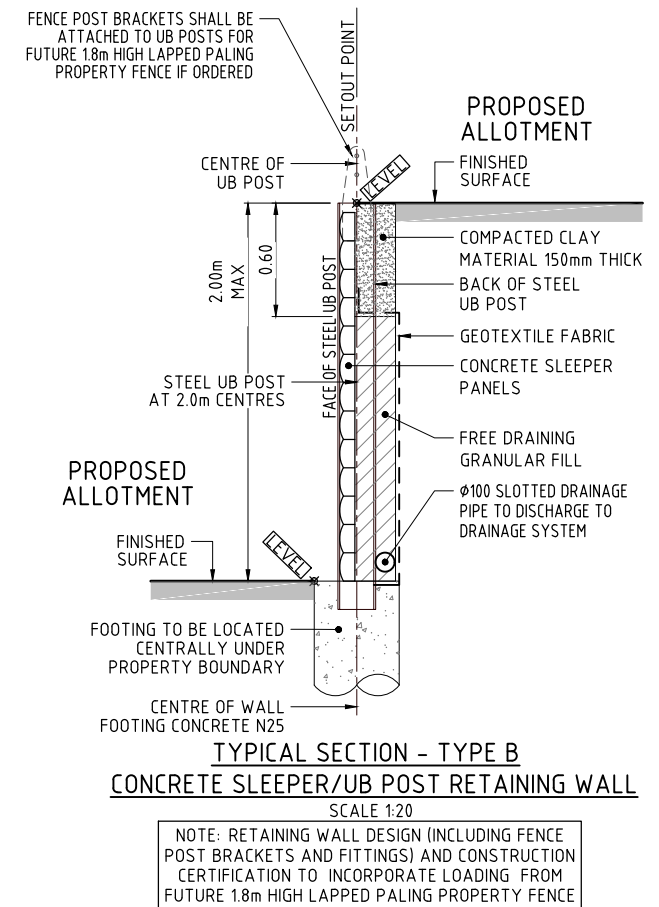
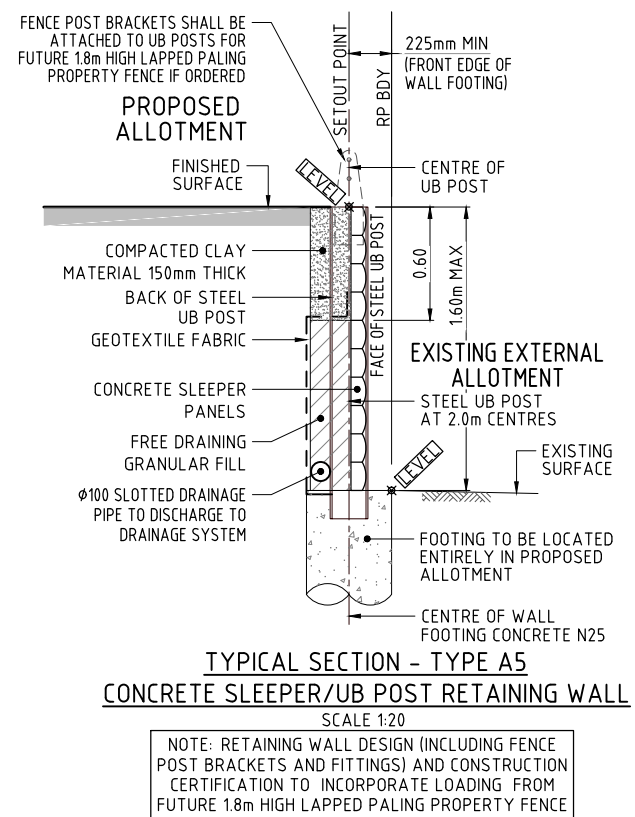
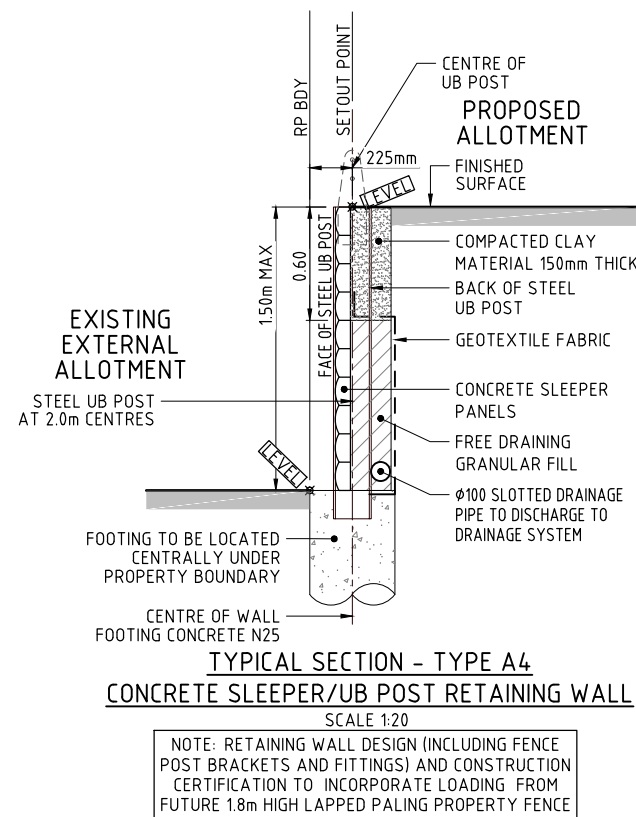
ENGINEERING CONCEPT - EARTHWORKS DETAILS PLAN

704 NEW CLEVELAND ROAD, WAKERLEY

JOB NO: B4824EA1-DA1 PLAN: CE02 ISSUE: C
 SCALE: 1:20 @ A1
 DATE: 19/03/2026
 DRAFTED BY: MG
 FILE NAME: B4824EA1-DA1.DWG

19/03/2026 11:48:44 AM DESIGNWORKING DRAWINGS\B4824EA1.DWG

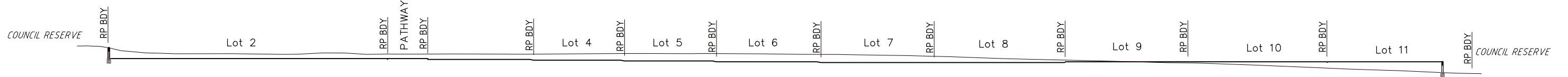
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ENGINEERING CONCEPT - EARTHWORKS DETAILS PLAN

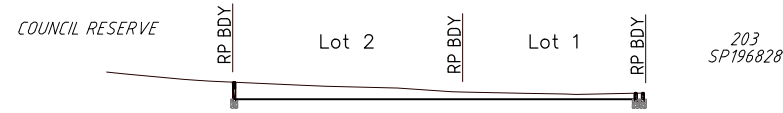
704 NEW CLEVELAND ROAD, WAKERLEY

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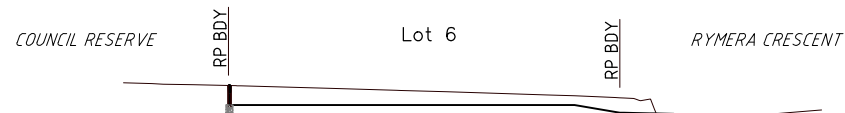


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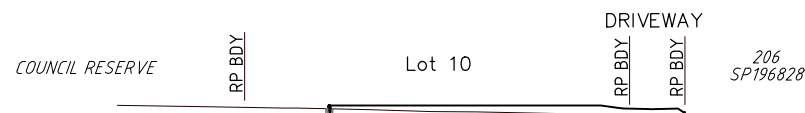
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SCALE 1:250
CE01



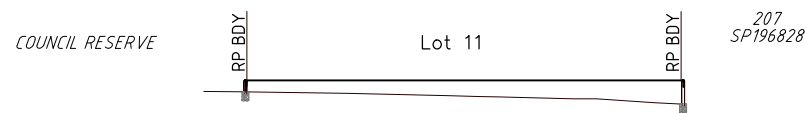
SECTION B
SCALE 1:250
CE01



SECTION C
SCALE 1:250
CE01



SECTION D
SCALE 1:250
CE01



SECTION E
SCALE 1:250
CE01

ENGINEERING CONCEPT - EARTHWORKS DETAILS PLAN

704 NEW CLEVELAND ROAD, WAKERLEY



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JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

JOB NO:	PLAN:	ISSUE:
B4824EA1-DA1	CE04	C
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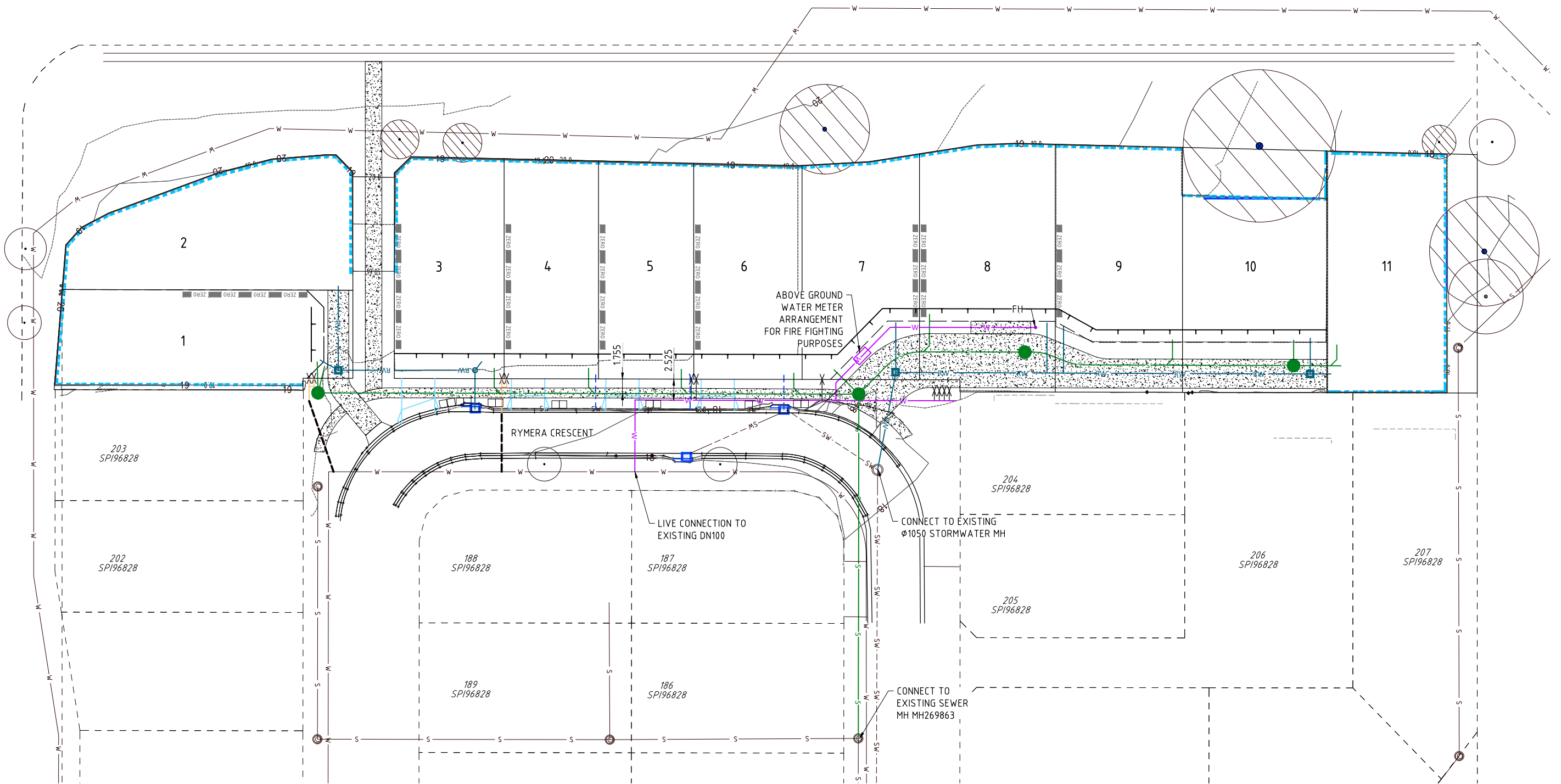
TREE PROTECTION ZONE (TPZ)
 TPZ to be protected in accordance with Protection of Trees on Development Sites (AS4970-2009) guidelines & any approval conditions.

PRELIMINARY SERVICES LEGEND:

FINISHED CONTOURS	— 32 —	PRELIMINARY DRAINAGE	— SW —
EXISTING WATER	— W —	PRELIMINARY SEWERAGE	— S —
EXISTING SEWERAGE	— S —	PRELIMINARY WATER	— W —
EXISTING DRAINAGE	— SW — SW —	PRELIMINARY SLEEPER WALL	— [Blue dashed line] —
EXISTING ROOFWATER	— RW — RW —	SEWERAGE EASEMENT	— [Red hatched area] —
EXISTING COMMUNICATIONS	— T —	ROOFWATER DRAINAGE	— [Blue dashed line] —
EXISTING ELECTRICAL (U/GROUND)	— E —	KERB ADAPTORS	— [Blue dashed line] —
PRELIMINARY ROOFWATER	— RW —	INDICATIVE DRIVEWAY LOCATION	— [Blue dashed line] —

TILLEY ROAD

NEW CLEVELAND ROAD



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ENGINEERING CONCEPT - SERVICES LAYOUT PLAN

704 NEW CLEVELAND ROAD, WAKERLEY

JOB NO: B4824EA1-DA1 PLAN: CS01 ISSUE: B
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 DRAFTED BY: MG
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1/10/2025 11:48:44 AM DESIGNWORK DRAWING(B4824EA1.DWG)

SERVICE DETAILS			PIPE LENGTHS		
No.	SIZE	LOT NUMBERS	WATER MAIN	DN180 PE100	47m
1	32mm	LOTS 1-4 & 8-11	SEWER MAIN	DN160 SDR21 PE100	162m
3	25mm	LOTS 5-7			

SEWER NOTES:

- UNLESS NOTED OTHERWISE ALL PIPES AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE "ACCEPTED PRODUCTS AND MATERIALS" LIST.
- UNLESS NOTED OTHERWISE THE SEWER MAIN PIPE IS DN160 PE100.
- UNLESS NOTED OTHERWISE EACH ALLOTMENT IS SERVED BY A DN110 PE100 PROPERTY CONNECTION (10 METRES MAX LENGTH)
- MAINTENANCE STRUCTURES TO BE EITHER A TYPE G, TYPE F, TYPE X OR MAINTENANCE SHAFTS IN ACCORDANCE WITH SEQ STANDARDS.
- FINAL MANHOLE STRUCTURE TYPE WILL BE DETERMINED AT DETAIL DESIGN STAGE ONCE THE DEPTH OF THE SEWER MAIN IS KNOWN.

WATER NOTES:

- THE FINAL LOCATION OF THE THE WATER METERS IS SUBJECT TO OPERATIONAL WORKS DESIGN
- ALL WATER METERS TO BE 20mm DIA AS PER SEQ WATER CODE

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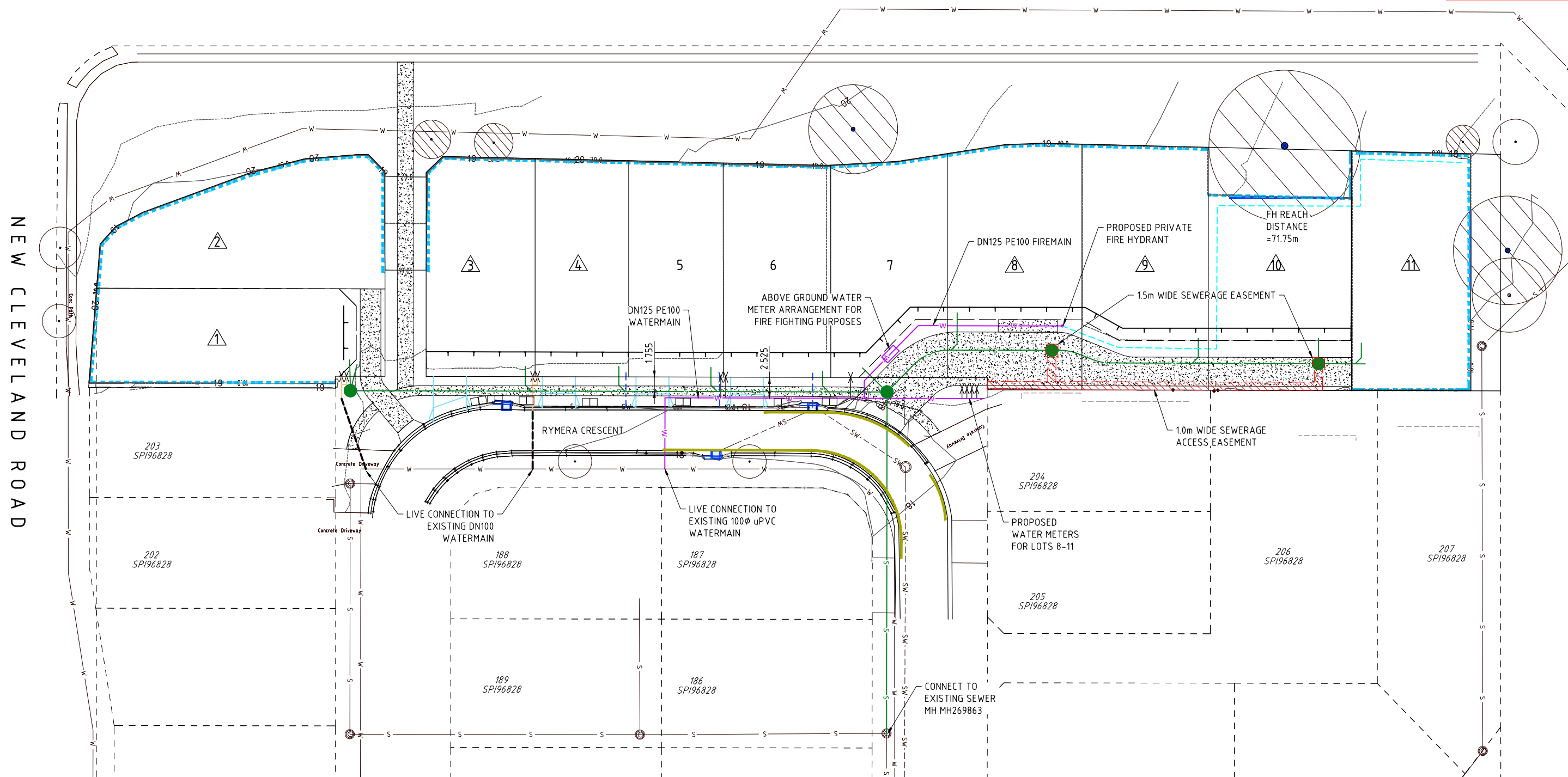
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PRELIMINARY SERVICES LEGEND:

FINISHED CONTOURS	32	PRELIMINARY SEWERAGE	S
EXISTING WATER	W	PRELIMINARY WATER	W
EXISTING SEWERAGE	S	PRELIMINARY SLEEPER WALL	---
EXISTING COMMUNICATIONS	T	INDICATIVE DRIVEWAY LOCATION	H
EXISTING ELECTRICAL (U/GROUND)	E	SEWERAGE EASEMENT	---
PRELIMINARY ROOFWATER	RW		

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TILLEY ROAD



ENGINEERING CONCEPT - WATER & WASTE WATER LAYOUT PLAN

704 NEW CLEVELAND ROAD, WAKERLEY



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