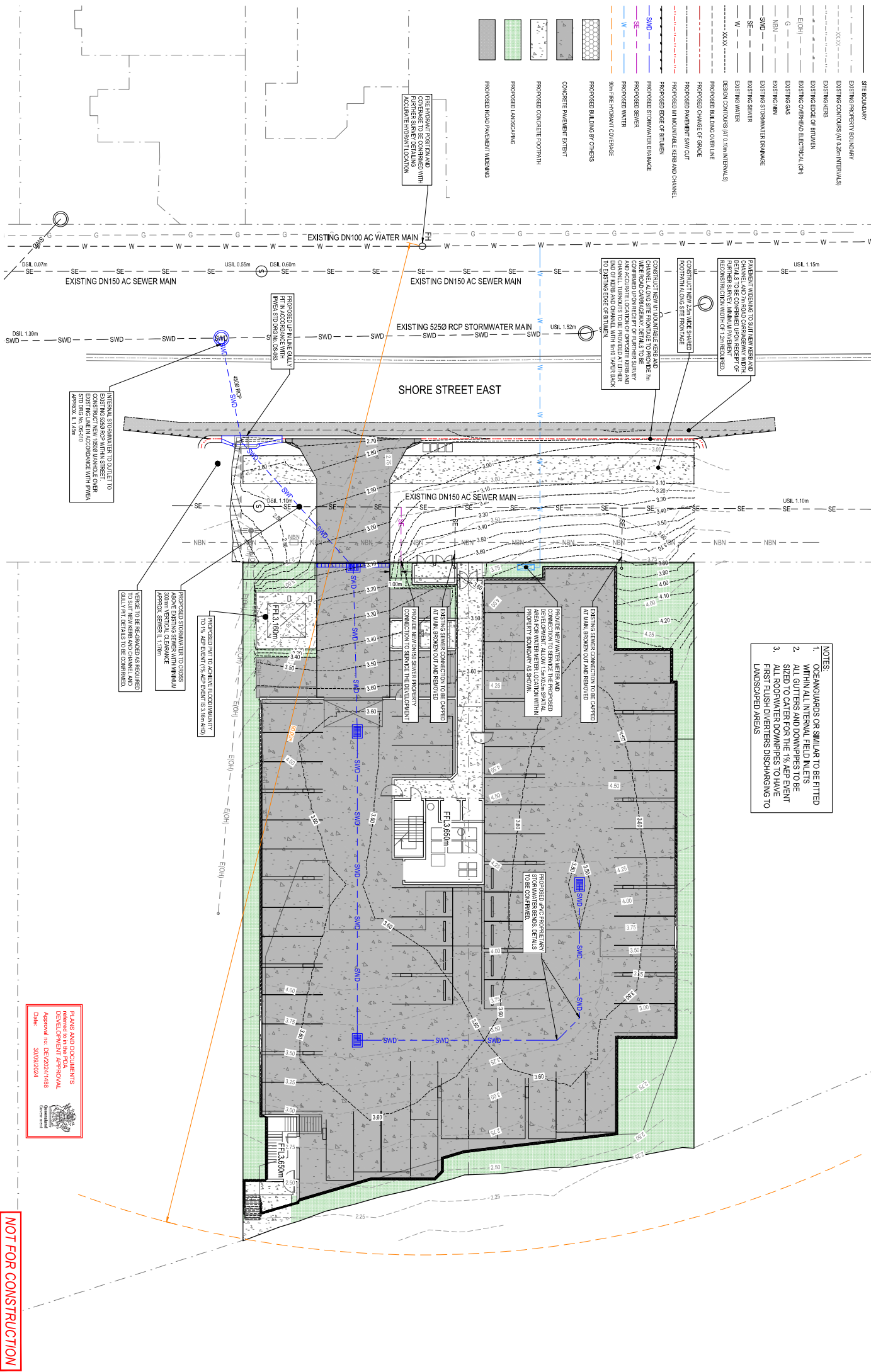


LEGEND

- SITE BOUNDARY
- EXISTING PROPERTY BOUNDARY
- EXISTING CONTROLS AT 0.25M INTERVALS
- EXISTING KERB
- EXISTING EDGE OF BITUMEN
- EXISTING OVERHEAD ELECTRICAL (OH)
- EXISTING GAS
- EXISTING H2O
- EXISTING STORMWATER RISPANCE
- EXISTING STORMWATER
- EXISTING WATER
- EXISTING WATER DESIGN CONTROLS AT 0.1M INTERVALS
- PROPOSED CHANGE OF GRADE
- PROPOSED PAVEMENT SKIN CUT
- PROPOSED IN-MATERIAL KERB AND CHANNEL
- PROPOSED EDGE OF BITUMEN
- PROPOSED STORMWATER RISPANCE
- PROPOSED SEWER
- PROPOSED WATER
- 50mm FREE HYDRANT COVERAGE
- PROPOSED BUILDINGS BY OTHERS
- CONCRETE PAVEMENT EXISTENT
- PROPOSED CONCRETE FOOTPATH
- PROPOSED LANDSCAPING
- PROPOSED ROAD PAVEMENT WIDENING
- FINE HYDRANT POSITION AND FURTHER SIMILAR DETAILS ACCORDANT HYDRANT LOCATION



- NOTES:**
1. OCEANGUARDS OR SIMILAR TO BE FITTED WITHIN ALL INTERNAL FIELD INLETS
 2. ALL GUTTERS AND DOWNPIPES TO BE SIZED TO CATER FOR THE 1% AEP EVENT
 3. ALL ROOFWATER DOWNPIPES TO HAVE FIRST FLUSH DIVERSERS DISCHARGING TO LANDSCAPED AREAS

INTERNAL ORGANIZATION TO BE FITTED TO EXISTING 500mm RCP MAIN STREET. CONSTRUCT NEW 1050mm MANHOLE OVER EXISTING LINE IN ACCORDANCE WITH PWA APPROVAL L. 1450

PROPOSED STORMWATER TO CROSS ABOVE EXISTING SEWER WITH MINIMUM 300mm VERTICAL CLEARANCE APPROX. SERIAL L. 110M

PROPOSED THAT TO COMPLETE CONFORMANCE TO 1% AEP EVENT 1% AEP EVENT IS 3.86m AND

PROPOSED NEW WATER METER AND CHANNEL ALONG SITE BOUNDARY TO PROVIDE 7m COVERED UPON RECEIPT OF FURTHER SURVEY AND ACQUIRE LOCATION OF EXISTING KERB AND END OF KERB AND CHANNEL WITH 100mm OVERBOX TO EXISTING EDGE OF BITUMEN.

CONSTRUCT NEW 250mm WIRE MESHED FOOTPATH ALONG SITE BOUNDARY

PROVIDE NEW WATER METER AND OVERFLOWER ALLOW SIMILAR SERIAL AREA FOR WATER METER LOCATION WITHIN PROPERTY BOUNDARY AS SHOWN.

EXISTING SEWER CONNECTION TO BE CAPPED AT MAIN BROKEN OUT AND REMOVED. PROVIDE NEW 100mm SINGER PROPERTY CONNECTION TO SERVE THE DEVELOPMENT

PROPOSED 100mm EXISTING ANY STORMWATER BENDS DETAILS TO BE CONFORMED.

EXISTING SEWER CONNECTION TO BE CAPPED AT MAIN BROKEN OUT AND REMOVED.

PROVIDE NEW WATER METER AND OVERFLOWER ALLOW SIMILAR SERIAL AREA FOR WATER METER LOCATION WITHIN PROPERTY BOUNDARY AS SHOWN.

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PITCH BLACK GROUP

DESIGNED	FOR APPROVAL	FOR APPROVAL	FOR APPROVAL	FOR APPROVAL	FOR APPROVAL	FOR APPROVAL	FOR APPROVAL
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE

REVISION DETAILS

NO.	DESCRIPTION	DATE
1	ISSUED FOR APPROVAL	10/25/24
2	FOR APPROVAL	10/25/24
3	FOR APPROVAL	10/25/24
4	FOR APPROVAL	10/25/24
5	FOR APPROVAL	10/25/24

SCALE: 1:100

PROJECT: PROPOSED DEVELOPMENT 67 & 89 SHORE STREET EAST CLEVELAND QLD 4153

STATUS: PRELIMINARY/ISSUE

SHEET: CONCEPT SERVICES LAYOUT

PROJECT NUMBER: 23191

ISSUE NUMBER: 23191-DWG-CV-CV-SK001

DATE: 30/09/2024

NOT FOR CONSTRUCTION

LEGEND

- SITE BOUNDARY
- EXISTING PROPERTY BOUNDARY
- EXISTING CONTROLS AT 0.25M INTERVALS
- EXISTING KERB
- EXISTING EDGE OF BITUMEN
- EXISTING OVERHEAD ELECTRICAL (OH)
- EXISTING GAS
- EXISTING STORMWATER DRAINAGE
- EXISTING SEWER
- EXISTING WATER
- EXISTING NBN
- DESIGN CONTROLS AT 0.1M INTERVALS
- PROPOSED BUILDINGS OVER LINE
- PROPOSED CHANGE OF GRADE
- PROPOSED PAVEMENT SWM CUT
- TREE PROTECTION ZONE
- PROPOSED IMMOBILE FERRY AND CHANNEL
- PROPOSED EDGE OF BRIMEN
- PROPOSED STORMWATER DRAINAGE
- PROPOSED SEWER
- PROPOSED WATER
- PROPOSED RETAINING WALL
- PROPOSED RETAINING WALL
- RUBBER SURFACE ELEVATION LABEL
- EXISTING SURFACE ELEVATION LABEL
- PROPOSED RETAINING WALL HEIGHT
- PROPOSED SURFACE SLOPE

EARTHWORKS LEVELS

- EARTHWORKS VOLUMES AND LEVELS BASED ON DRIVEWAY 150mm REFER STRUCTURAL DESIGN DRAWINGS AT DETAILED DESIGN STAGE FOR FINAL AND THICKNESS 2. ALL EXISTING WALL REMAINS AND OVERLAPPING EXISTING SURFACE TO BE MAINTAINED AS SHOWN.

EARTHWORKS VOLUMES

EXISTING SURFACE TO EARTHWORKS SURFACE)	
TOTAL CUT	1018m ³
TOTAL FILL	289m ³
TOTAL BALANCE (CUT TO EXPORT)	729m ³

CUT & FILL LEGEND

MINIMUM ELEVATION	MAXIMUM ELEVATION	COLOUR
-1.500m	-1.000m	Red
-1.000m	-0.500m	Orange
-0.500m	0.000m	Yellow
0.000m	0.500m	Light Green
0.500m	1.000m	Green
1.000m	1.500m	Dark Green

PITCH BLACK FOUR

REV	DESCRIPTION	DATE	BY	CHKD	APP'D
1	PRELIMINARY ISSUE				
2	FOR APPROVAL				
3	PRELIMINARY ISSUE				

DESIGNED	DESIGNED	DESIGNED	DESIGNED	DESIGNED	DESIGNED
BY	BY	BY	BY	BY	BY
DATE	DATE	DATE	DATE	DATE	DATE

SCALE	1:150
SCALE IN M	

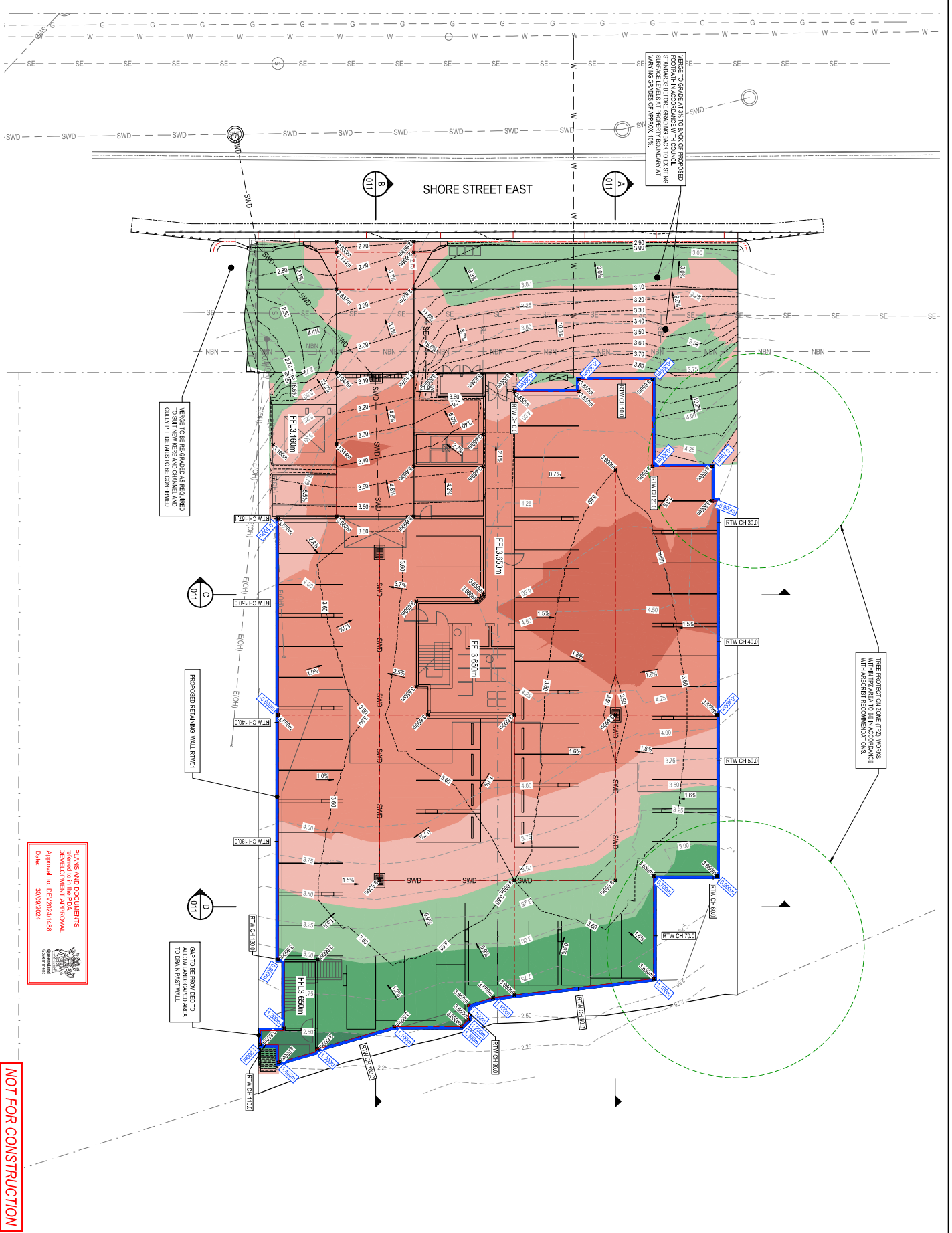
PROJECT	PROPOSED DEVELOPMENT 67 & 69 SHORE STREET EAST CLEVELAND QLD 4183
DISCIPLINE	CIVIL

STATUS	PRELIMINARY ISSUE
SHEET	CONCEPT EARTHWORKS LAYOUT
PROJECT NUMBER	23191
DRAWING NUMBER	23191-DWG-CV-CV-SK010
REV	C

PLANS AND DOCUMENTS referred to on this PDA DEVELOPMENT APPROVAL Approval No: DEV2024/1488 Date: 30/09/2024

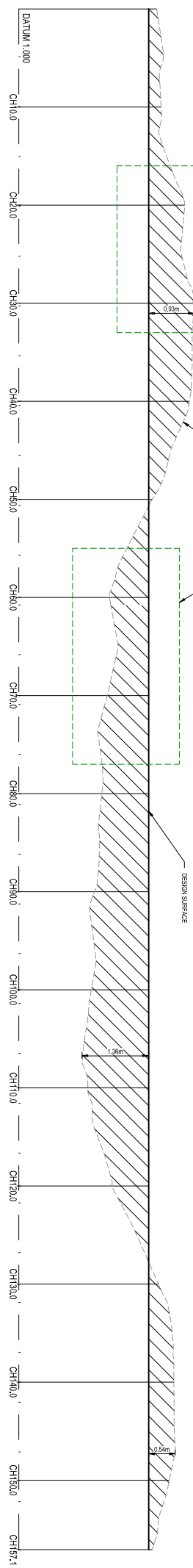


NOT FOR CONSTRUCTION



LEGEND

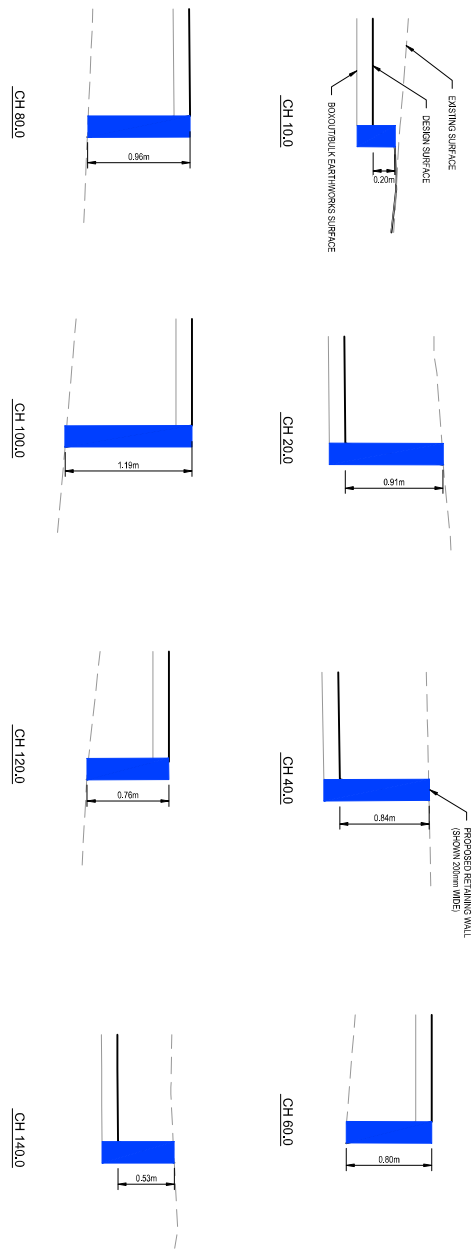
- DESIGN SURFACE
- BULK EARTHWORKS SURFACE
- DATUM LINE
- EXISTING SURFACE
- PROPOSED RETAINING WALL



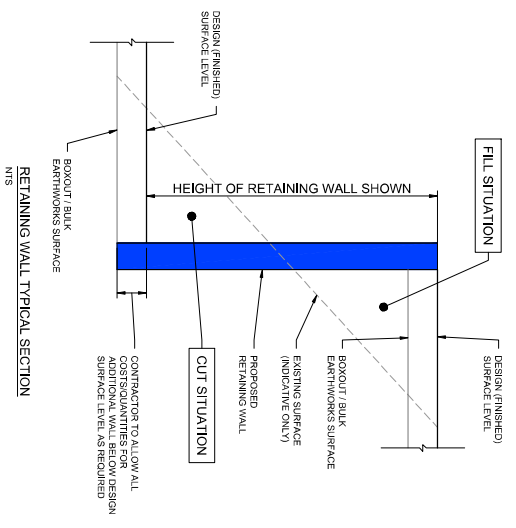
Works to be undertaken in accordance with the approved arborist report and ground penetrating radar report. Any roots to be cut over 50mm require written approval by the tree owner and Queensland Heritage. Retaining wall and earthworks design to accommodate tree roots.

AMENDED IN RED
By: Joseph Bowyer
Date: 29/08/2024

**PROPOSED RETAINING WALL RTW01
LONGITUDINAL PROFILE**
SCALE 1:200 (H) 1:40 (V)
(BY VERTICAL ENLARGEMENT)



**PROPOSED RETAINING WALL RTW01
SELECTED CROSS SECTIONS**
SCALE 1:25



PLANS AND DOCUMENTS referred to in this PDA DEVELOPMENT APPROVAL Approval No: DEV/2024/1488 Date: 30/09/2024

NOT FOR CONSTRUCTION

PITCH BLACK

GROUP

DESIGNED BY: IAN/ST

DRAWN BY: NG

CHECKED BY: N/ST

APPROVED BY: IAN/ST

REV	FOR APPROVAL	REVISION/DETAILS	DRAWN	DATE	DATE	APPROVED
A			NG	10/12/24		IAN/ST

PROJECT: PROPOSED DEVELOPMENT 67 & 69 SHORE STREET EAST CLEVELAND QLD 4163

DISCIPLINE: CIVIL

STATUS: PRELIMINARY/ISSUE

SHEET: CONCEPT RETAINING WALL RTW01 SECTIONS

PROJECT NUMBER: 23191

ISSUE NUMBER: 23191-DWG-CV-CV-SK012

REV: A

