



LEGEND:

RETAINING WALLS W DRAINAGE (H=HEIGHT, C=CHAINAGE, ARROWS SHOW FALL DIRECTION)

----- EARTHWORKS SECTIONS

--- EX. KERBLINES

rw top and bottom levels

EARTHWORKS EXTENT

PROPOSED PAVEMENTS

PROPOSED BUILDINGS

NEW PARCELS

EXISTING PARCELS

CUT(-) FILL(+)

4.0-3.0m
3.0-2.0m
2.0-1.0m
1.0-0.0m
0.0-1.0m
1.0-2.0m
2.0-3.0m
3.0-4.0m

CUT FILL VOLUMES				
ITEM	UNITS	TOTAL	EW01	
AREA	m ²	28,328	28,328	
CUT	m ³	31,143	31,143	
FILL	m ³	575	575	
FILL + 15% BULK F.	m ³	661	661	
CUTFILL BALANCE	m ³	-30,482	-30,482	
EST. CUT EXPORT	TRUCKS	5,081	-	
BULK CF VOLUME	m ³	31,718	31,718	
MAX CUT DEPTH	m	3.1	3.1	
MAX FILL HEIGHT	m	1.3	1.3	
TOPSOIL TO STRIP	m ³	0	-	
TOPSOIL TO PLACE	m ³	2,066	-	
TOPSOIL BALANCE	m ³	2,066	-	
TOPSOIL VOLUME	m ³	2,066	-	
TOTAL EW VOLUME	m ³	33,785	-	
EST. TOPSOIL IMPORT	TRUCKS	345	-	

CUTFILL ANALYSIS NOTES:

A. Ex. Surf is existing ground level

B. Pr. Surf. is to Building, Pavement and Grass Subgrade

- NOTES
1. ALL WORK TO COMPLY WITH COUNCIL AND PUBLIC NETWORK OPERATOR STANDARDS. ANY AMBIGUITY BETWEEN DRAWINGS AND STANDARDS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION
 2. THE CONTRACTOR IS TO PEG INFRASTRUCTURE LOCATIONS AND EARTHWORKS LEVELS PRIOR TO ORDERING MATERIALS.
 3. UNDERFILL DRAINAGE IS TO BE INSTALLED AT THE DIRECTION OF THE ENGINEER. IF THE CONTRACTOR ENCOUNTERS SPRINGS OR OTHER SOURCES OF WATER THEY ARE TO NOTIFY THE ENGINEER.
 4. EARTHWORKS ARE NOT TO BE EXTENDED INTO ADJOINING SITES UNLESS THE ENGINEER HAS ISSUED SPECIFIC INSTRUCTIONS
 5. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND PROTECTING EXISTING SERVICES AND DRAINAGE ON SITE
 6. THE CONTRACTOR SHALL CLARIFY THE AREAS AND EXTENT OF CLEARING WITH THE ENGINEER BEFORE COMMENCEMENT AND CONFIRM THAT ALL NECESSARY CONSENTS ARE IN PLACE.
 7. EARTHWORKS TOLERANCES ARE TO BE +25mm
 8. ALL VOLUMES ARE SOLID MEASURE NO BULKING FACTOR APPLIED
 9. RETAINING WALL SETOUT - EXACT SETTING OUT POSITION OF RETAINING WALLS IN RELATION TO LOT BOUNDARIES AND BUILDINGS TO BE OBTAINED FROM ARCHITECT OR STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION COMMENCING.

DESIGNED: MO		PROJECT: 7 SELFS ROAD, MANGERE	TITLE: CUT FILL PLANS	STATUS: DRAFT - SUBJECT TO IWI CONSULTATION
DRAWN: MO				
RELEASED: SB				
REVISION	AMENDMENT	BY		

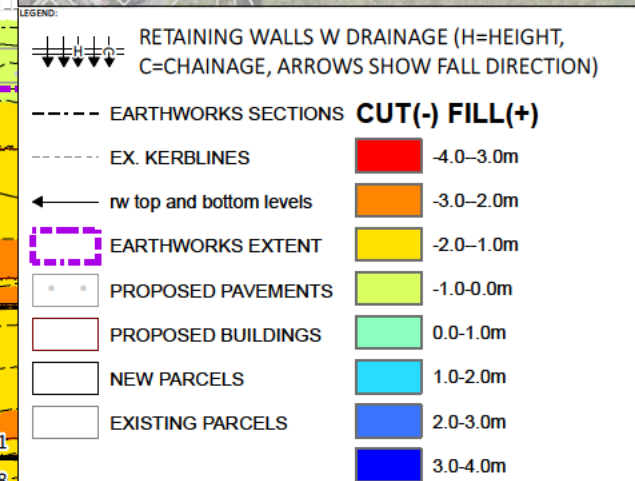
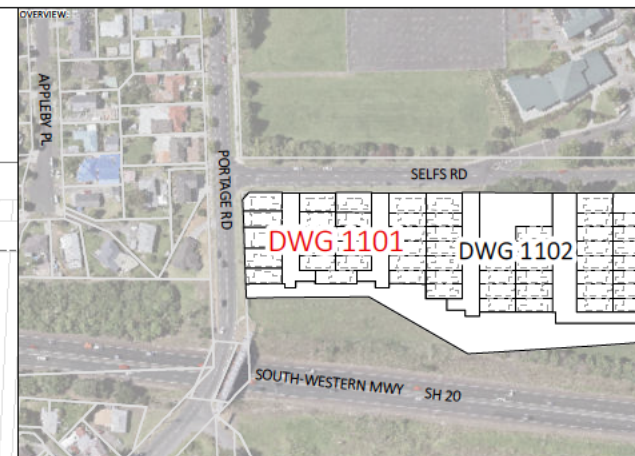
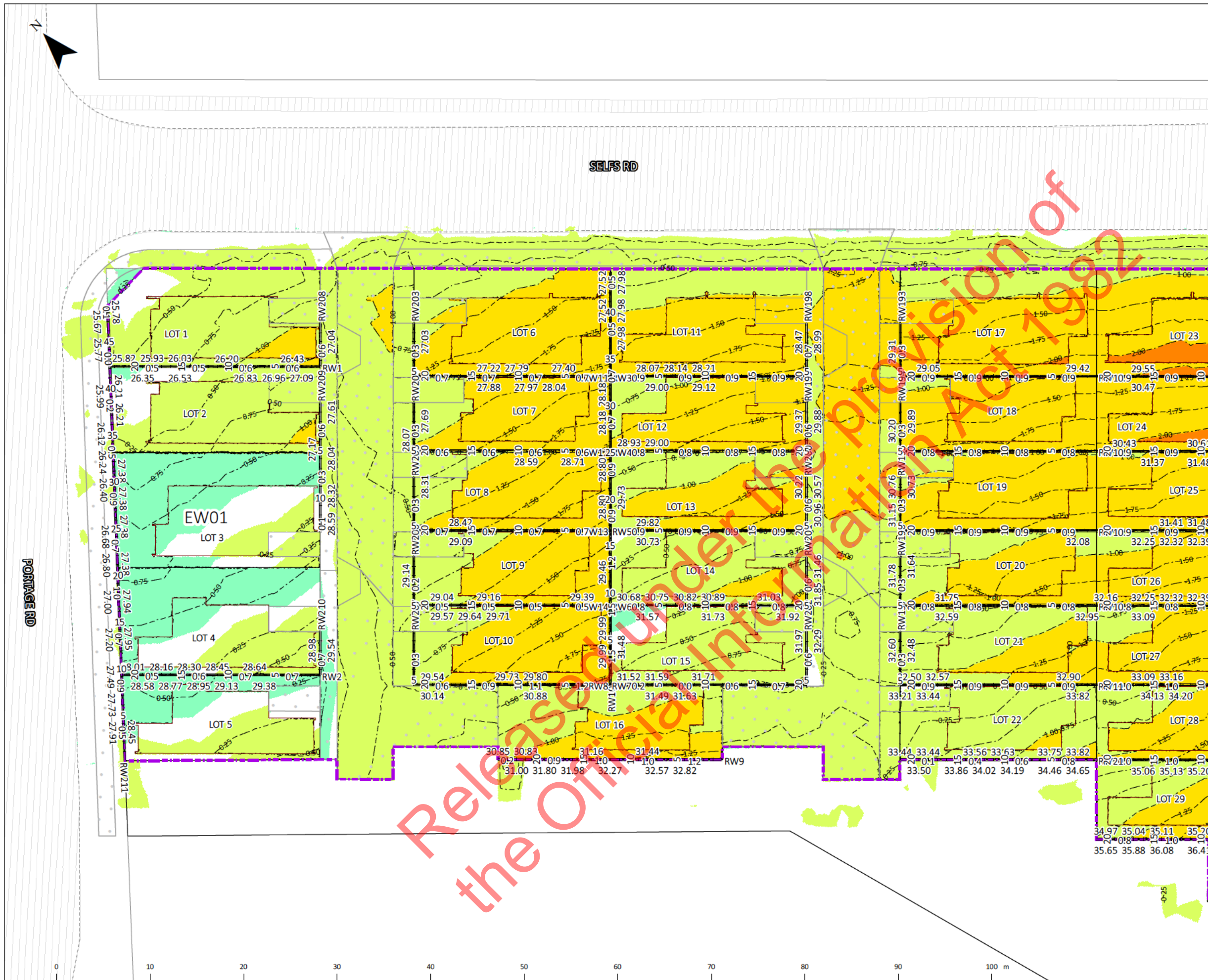
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25/01/2022

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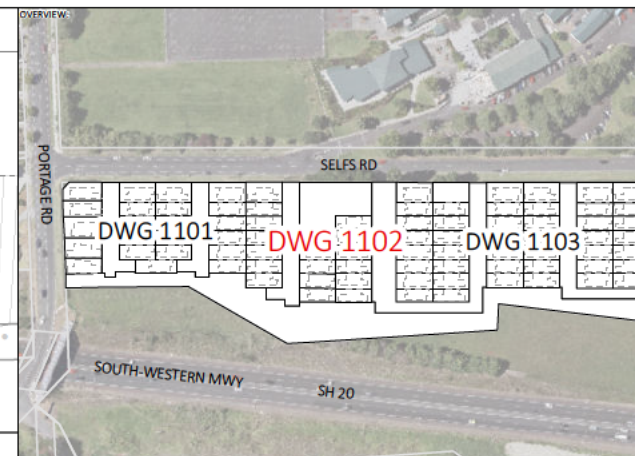
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 - EARTHWORKS SECTIONS CUT(-) FILL(+)
 - EX. KERBLINES
 - rw top and bottom levels
 - EARTHWORKS EXTENT
 - PROPOSED PAVEMENTS
 - PROPOSED BUILDINGS
 - NEW PARCELS
 - EXISTING PARCELS
- | CUT/FILL | Color |
|-----------|-------------|
| -4.0-3.0m | Red |
| -3.0-2.0m | Orange |
| -2.0-1.0m | Yellow |
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TOPSOIL VOLUME	m ³	2,066	-
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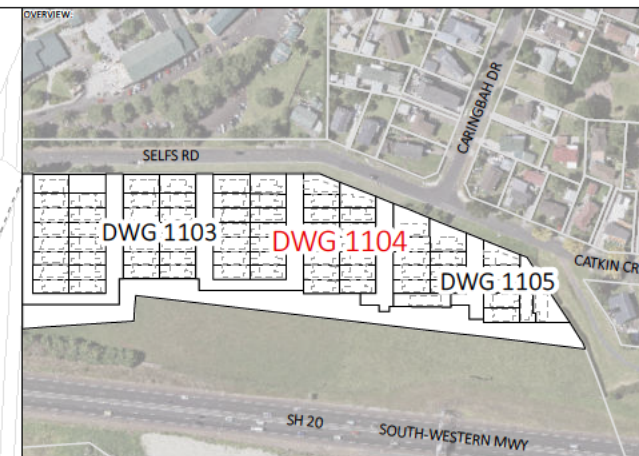
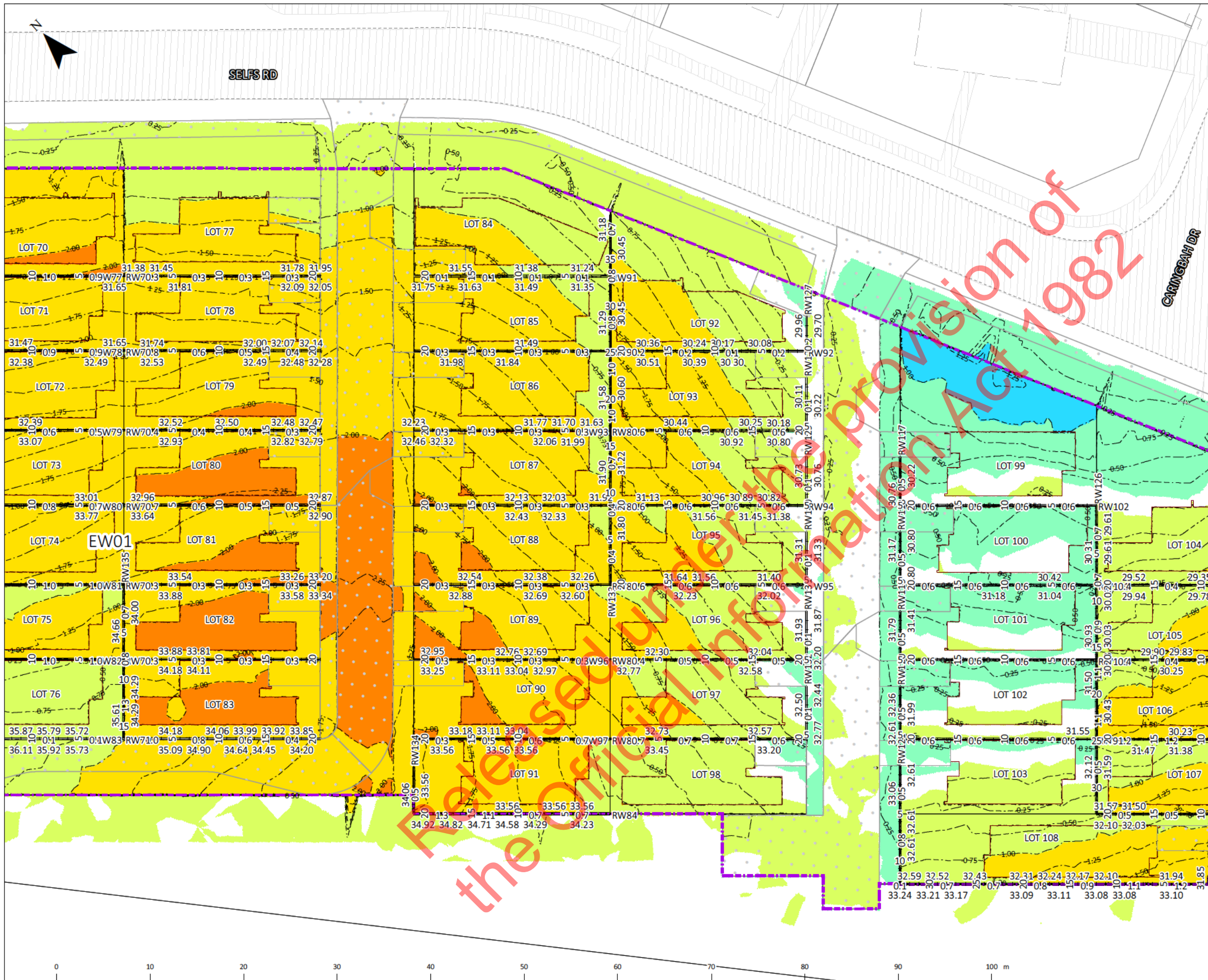
DESIGNED:	MO
DRAWN:	MO
RELEASED:	SB
REVISION	AMENDMENT
BY	

CIVIX

7 SELFS ROAD, MANGERE

CUT FILL PLANS

STATUS:	DRAFT - SUBJECT TO IWI CONSULTATION
DRAWING NO:	1102
SCALE & SIZE:	1:400 A3
REV:	25/01/2022



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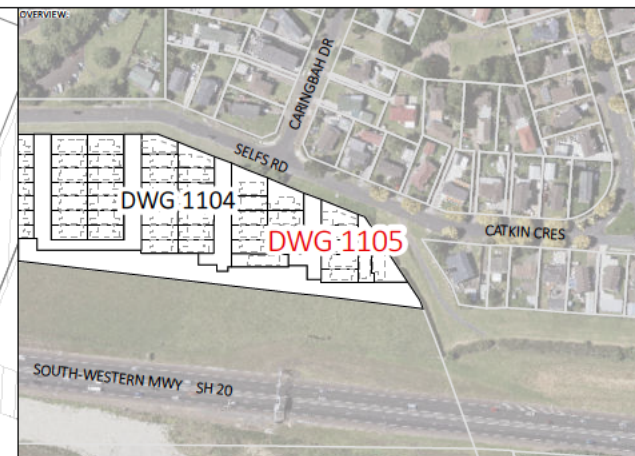
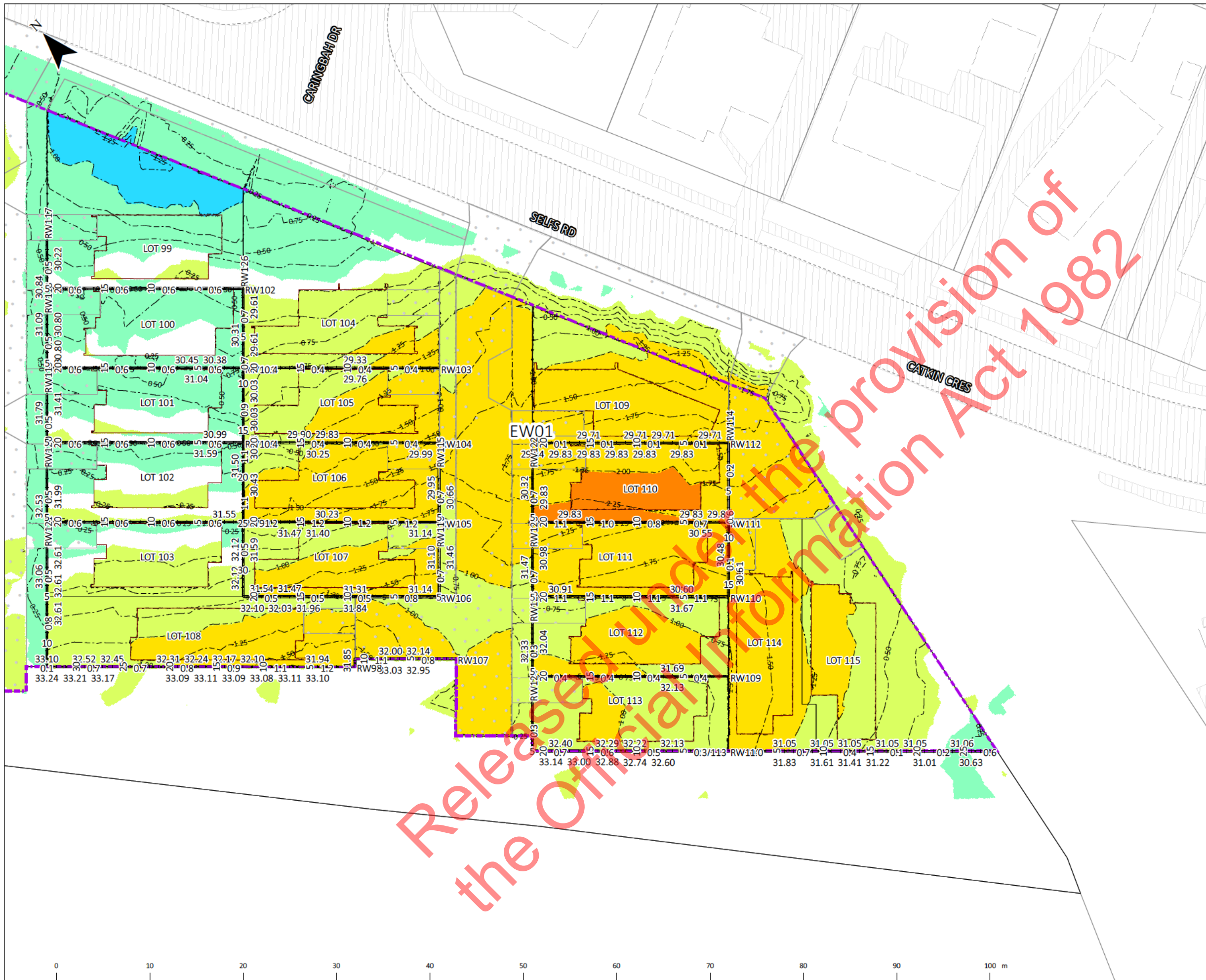
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REVISION	AMENDMENT	BY					DRAWING NO:	1104
							SCALE & SIZE:	1:400 A3
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