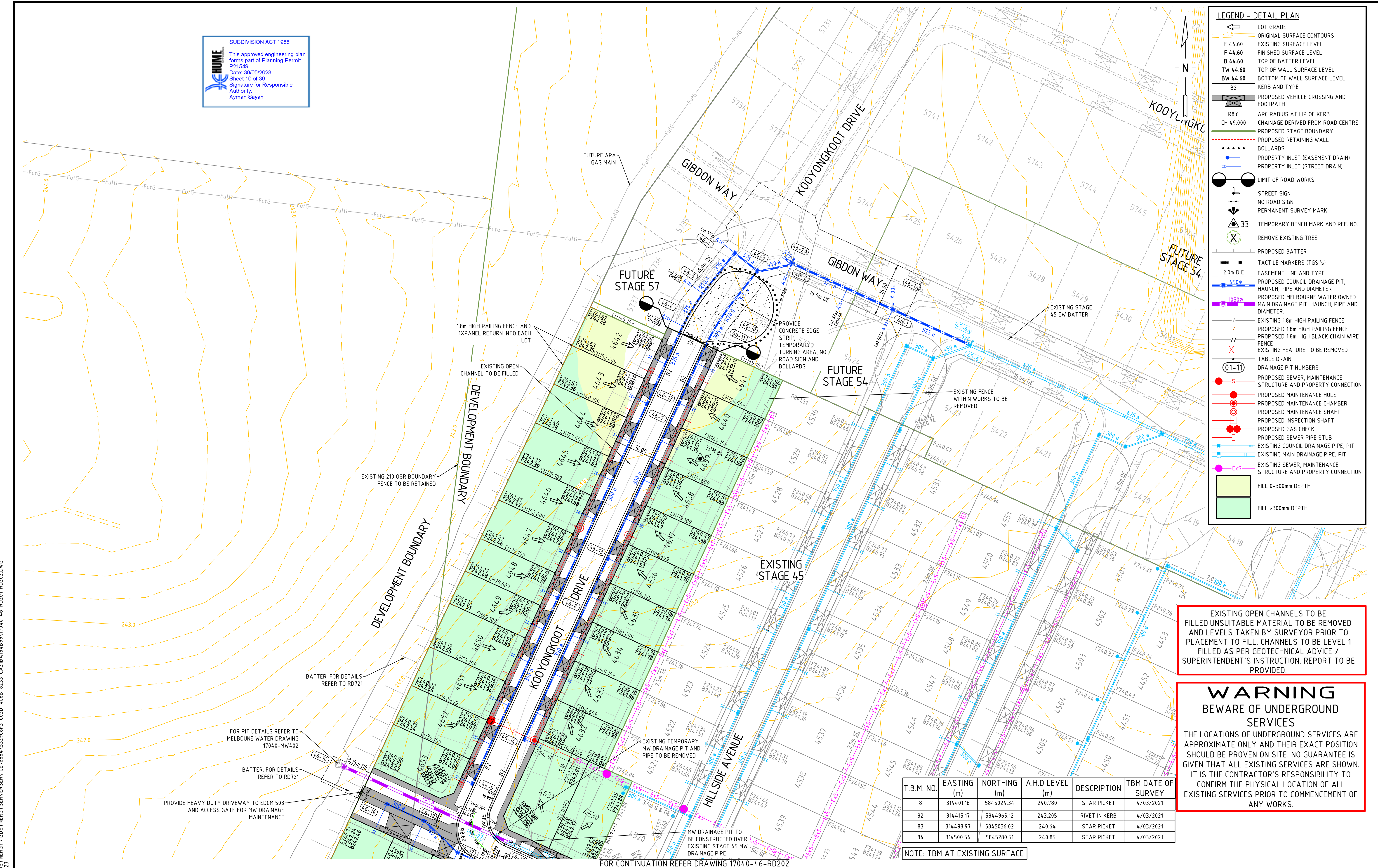


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PLOT DATE: Thu Apr 20 13:45:11 2023



LEGEND - DETAIL PLAN

- LOT GRADE
- ORIGINAL SURFACE CONTOURS
- EXISTING SURFACE LEVEL
- FINISHED SURFACE LEVEL
- TOP OF BATTER LEVEL
- TOP OF WALL SURFACE LEVEL
- BOTTOM OF WALL SURFACE LEVEL
- KERB AND TYPE
- PROPOSED VEHICLE CROSSING AND FOOTPATH
- ARC RADIUS AT LIP OF KERB
- CHAINAGE DERIVED FROM ROAD CENTRE
- PROPOSED STAGE BOUNDARY
- PROPOSED RETAINING WALL
- BOLLARDS
- PROPERTY INLET (EASEMENT DRAIN)
- PROPERTY INLET (STREET DRAIN)
- LIMIT OF ROAD WORKS
- STREET SIGN
- NO ROAD SIGN
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK AND REF. NO.
- REMOVE EXISTING TREE
- PROPOSED BATTER
- TACTILE MARKERS (TGSi's)
- EASEMENT LINE AND TYPE
- PROPOSED COUNCIL DRAINAGE PIT, HAUNCH, PIPE AND DIAMETER
- PROPOSED MELBOURNE WATER OWNED MAIN DRAINAGE PIT, HAUNCH, PIPE AND DIAMETER
- EXISTING 1.8m HIGH PAILING FENCE
- PROPOSED 1.8m HIGH PAILING FENCE
- PROPOSED 1.8m HIGH BLACK CHAIN WIRE FENCE
- EXISTING FEATURE TO BE REMOVED
- TABLE DRAIN
- DRAINAGE PIT NUMBERS
- PROPOSED SEWER, MAINTENANCE STRUCTURE AND PROPERTY CONNECTION
- PROPOSED MAINTENANCE HOLE
- PROPOSED MAINTENANCE CHAMBER
- PROPOSED INSPECTION SHAFT
- PROPOSED GAS CHECK
- PROPOSED SEWER PIPE STUB
- EXISTING COUNCIL DRAINAGE PIPE, PIT
- EXISTING MAIN DRAINAGE PIPE, PIT
- EXISTING SEWER, MAINTENANCE STRUCTURE AND PROPERTY CONNECTION
- FILL 0-300mm DEPTH
- FILL >300mm DEPTH

EXISTING OPEN CHANNELS TO BE FILLED UNSUITABLE MATERIAL TO BE REMOVED AND LEVELS TAKEN BY SURVEYOR PRIOR TO PLACEMENT TO FILL. CHANNELS TO BE LEVEL 1 FILLED AS PER GEOTECHNICAL ADVICE / SUPERINTENDENT'S INSTRUCTION. REPORT TO BE PROVIDED.

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE PHYSICAL LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF ANY WORKS.

T.B.M. NO.	EASTING (m)	NORTHING (m)	A.H.D LEVEL (m)	DESCRIPTION	TBM DATE OF SURVEY
8	314.401.16	584.5024.34	240.780	STAR PICKET	4/03/2021
82	314.415.17	584.4965.12	243.205	RIVET IN KERB	4/03/2021
83	314.498.97	584.5036.02	240.64	STAR PICKET	4/03/2021
84	314.500.54	584.5280.51	240.85	STAR PICKET	4/03/2021

NOTE: TBM AT EXISTING SURFACE

						DRAWN: P. SHAH
						DESIGNED: A.ARABO
						VERIFIED: L.APAP
0	CONSTRUCTION ISSUE			G.R.	19.04.23	APPROVED: G.ROMANCZ
REV	DESCRIPTION			APPROVED	DATE	



CLIENT:

merrifield

MAB **GPC**

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - SECTION D
STAGE 46
MICKLEHAM

TITLE: DETAIL PLAN
SHEET 1

ISSUE: **CONSTRUCTION**

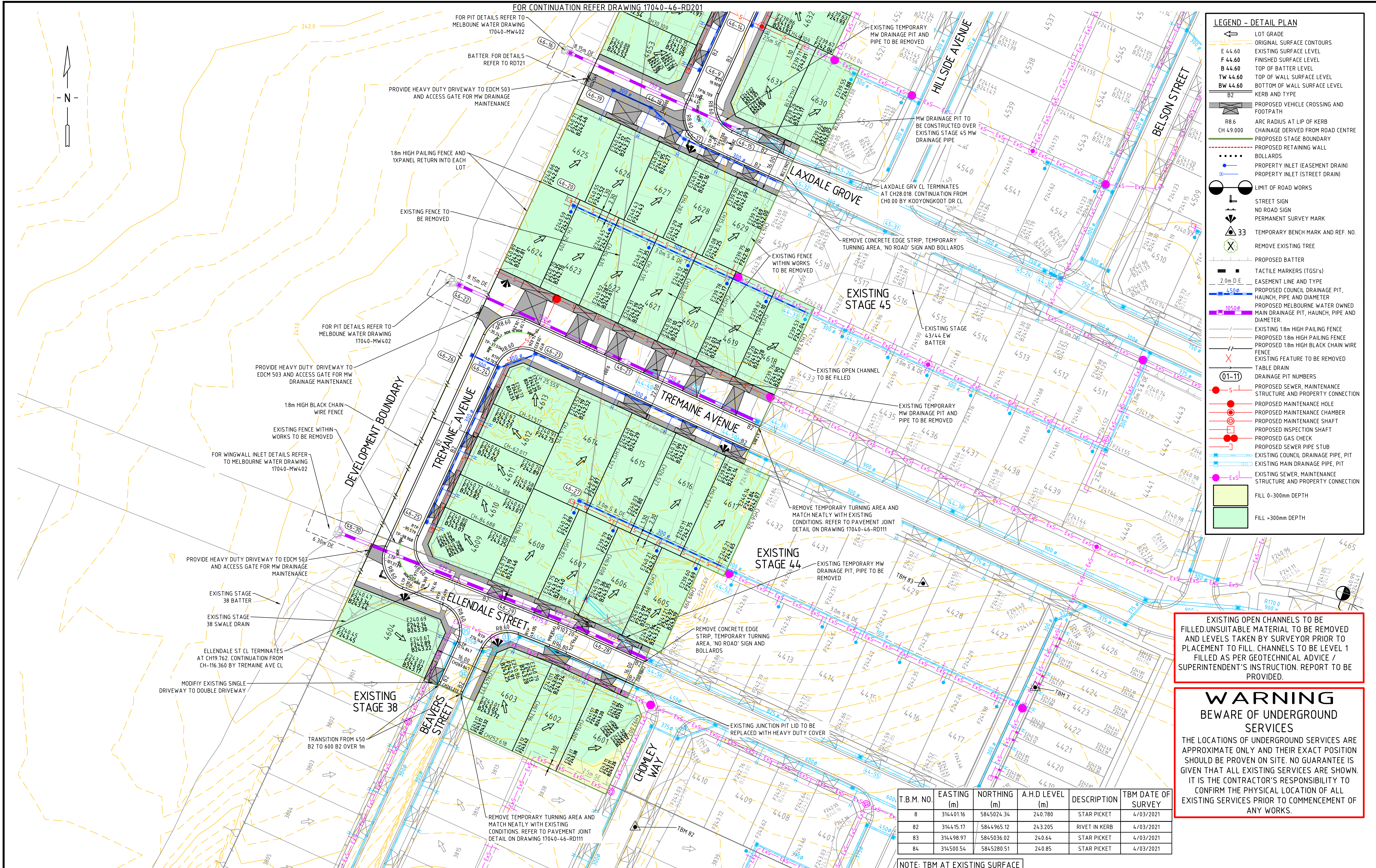
MELWAY REF: 366 F1

PROJECT No: 17040-46

DWG No: RD201

REVISION: 0

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PLOT DATE: Thu Apr 20 12:35:22 2023



LEGEND - DETAIL PLAN

- LOT GRADE
- ORIGINAL SURFACE CONTOURS
- E 44.60 EXISTING SURFACE LEVEL
- F 44.60 FINISHED SURFACE LEVEL
- B 44.60 TOP OF BATTER LEVEL
- TW 44.60 TOP OF WALL SURFACE LEVEL
- BW 44.60 BOTTOM OF WALL SURFACE LEVEL
- BZ KERB AND TYPE
- PROPOSED VEHICLE CROSSING AND FOOTPATH
- R8.6 ARC RADIUS AT LIP OF KERB
- CH 49.000 CHAINAGE DERIVED FROM ROAD CENTRE
- PROPOSED STAGE BOUNDARY
- PROPOSED RETAINING WALL
- BOLLARDS
- PROPERTY INLET (EASEMENT DRAIN)
- PROPERTY INLET (STREET DRAIN)
- LIMIT OF ROAD WORKS
- STREET SIGN
- NO ROAD SIGN
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK AND REF. NO.
- REMOVE EXISTING TREE
- PROPOSED BATTER
- TACTILE MARKERS (TGSi's)
- 2.0m D E EASEMENT LINE AND TYPE
- 450φ PROPOSED COUNCIL DRAINAGE PIT, HAUNCH, PIPE AND DIAMETER
- 1050φ PROPOSED MELBOURNE WATER OWNED MAIN DRAINAGE PIT, HAUNCH, PIPE AND DIAMETER
- EXISTING 1.8m HIGH PAILING FENCE
- PROPOSED 1.8m HIGH PAILING FENCE
- PROPOSED 1.8m HIGH BLACK CHAIN WIRE FENCE
- EXISTING FEATURE TO BE REMOVED
- TABLE DRAIN
- DRAINAGE PIT NUMBERS
- PROPOSED SEWER, MAINTENANCE STRUCTURE AND PROPERTY CONNECTION
- PROPOSED MAINTENANCE HOLE
- PROPOSED MAINTENANCE CHAMBER
- PROPOSED MAINTENANCE SHAFT
- PROPOSED INSPECTION SHAFT
- PROPOSED GAS CHECK
- PROPOSED SEWER PIPE STUB
- EXISTING COUNCIL DRAINAGE PIPE, PIT
- EXISTING MAIN DRAINAGE PIPE, PIT
- EXISTING SEWER, MAINTENANCE STRUCTURE AND PROPERTY CONNECTION
- FILL 0-300mm DEPTH
- FILL >300mm DEPTH

EXISTING OPEN CHANNELS TO BE FILLED. UNSUITABLE MATERIAL TO BE REMOVED AND LEVELS TAKEN BY SURVEYOR PRIOR TO PLACEMENT TO FILL. CHANNELS TO BE LEVEL 1 FILLED AS PER GEOTECHNICAL ADVICE / SUPERINTENDENT'S INSTRUCTION. REPORT TO BE PROVIDED.

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T.B.M. NO.	EASTING (m)	NORTHING (m)	A.H.D LEVEL (m)	DESCRIPTION	TBM DATE OF SURVEY
8	314401.16	5845024.34	240.780	STAR PICKET	4/03/2021
82	314415.17	5844965.12	243.205	RIVET IN KERB	4/03/2021
83	314498.97	5845036.02	240.64	STAR PICKET	4/03/2021
84	314500.54	5845280.51	240.85	STAR PICKET	4/03/2021

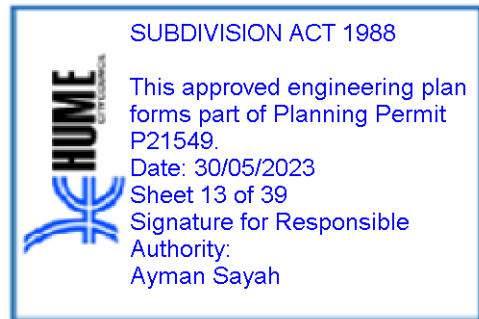
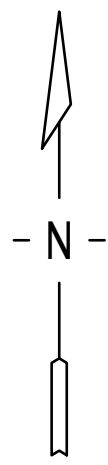
NOTE: TBM AT EXISTING SURFACE

DRAWN: P. SHAH	H 1 : 500 @ A1	0 5 10 20 30 40	SUBDIVISION ACT 1988 This approved engineering plan forms part of Planning Permit P21548 Date: 30/05/2023 Sheet 11 of 39 Signature for Responsible Authority Ayman Sayah	CLIENT: merrifield MAB gpc	COUNCIL: HUME CITY COUNCIL	PROJECT: MERRIFIELD LIVING - SECTION D STAGE 46 MICKLEHAM	TITLE: DETAIL PLAN SHEET 2
DESIGNED: A.ARABO	VERIFIED: L.APAP	APPROVED: G.ROMANCZ					
0 CONSTRUCTION ISSUE	G.R.	19.04.23					
REV DESCRIPTION	APPROVED	DATE					

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ISSUE:	CONSTRUCTION	MELWAY REF:	366 F1	PROJECT No:	17040-46	DWG No:	RD202	REVISION:	0
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FOR CONTINUATION REFER DRAWING 17040-46-RD301



LEGEND - SERVICES PLAN	
	LOT GRADE
	KERB
	PROPOSED VEHICLE CROSSING AND FOOTPATH
	PROPOSED STAGE BOUNDARY
	PROPOSED RETAINING WALL
	BOLLARDS
	LIMIT OF ROAD WORKS
	EASEMENT LINE AND TYPE
	PROPOSED GAS
	PROPOSED NON-DRINKING WATER
	PROPOSED DRINKING WATER
	PROPOSED ELECTRICITY
	PROPOSED TELCO
	PROPOSED GAS AND WATER CONDUIT
	PROPOSED GAS CONDUIT
	PROPOSED WATER CONDUIT
	PROPOSED COUNCIL DRAINAGE PIT AND DRAINAGE PIPE
	PROPOSED MELBOURNE WATER OWNED MAIN DRAINAGE PIT AND PIPE
	PROPERTY INLET (EASEMENT DRAIN)
	PROPERTY INLET (STREET DRAIN)
	TABLE DRAIN
	PROPOSED SEWER, MAINTENANCE STRUCTURE AND PROPERTY CONNECTION
	PROPOSED MAINTENANCE HOLE
	PROPOSED MAINTENANCE CHAMBER
	PROPOSED MAINTENANCE SHAFT
	PROPOSED GAS CHECK
	PROPOSED SEWER PIPE STUB
	EXISTING 1.8m HIGH PAILING FENCE
	PROPOSED 1.8m HIGH PAILING FENCE
	PROPOSED 1.8m HIGH BLACK CHAIN WIRE FENCE
	EXISTING GAS
	EXISTING NON-DRINKING WATER
	EXISTING DRINKING WATER
	EXISTING ELECTRICITY
	EXISTING TELCO
	EXISTING OVERHEAD ELECTRICITY
	EXISTING OPTIC FIBRE
	EXISTING GAS AND WATER CONDUIT
	EXISTING COUNCIL DRAINAGE PIPE, PIT
	EXISTING MAIN DRAINAGE PIPE, PIT
	EXISTING DRAINAGE PROPERTY INLET
	EXISTING DRAINAGE HOUSE DRAIN CONNECTION
	EXISTING SEWER, MAINTENANCE STRUCTURE AND PROPERTY CONNECTION
	EXISTING FEATURE TO BE REMOVED

WARNING
ANY DESIGN SURFACE LEVELS SHOWN ARE PRELIMINARY ONLY AND SUBJECT TO FINAL DETAIL DESIGN, DO NOT USE FOR CONSTRUCTION

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SERVICE OFFSET TABLE													
STREET NAME	ROAD RESERVE WIDTH	GAS		RECYCLED WATER		DRINKING WATER		ELECTRICITY		TELCO		SEWER	
		OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE
BEAVERS STREET	16.00m	2.25m VARIES	WEST	2.70m VARIES	WEST	3.20m VARIES	WEST	2.60m	EAST	1.85m	EAST	Ex. 100m	WEST
ELLENDALE STREET	16.00m	1.60m	NORTH	2.00m	NORTH	2.45m	NORTH	2.25m	SOUTH	1.80m	SOUTH	Ex. 100m	SOUTH
TREMAINE AVENUE	22.00m	3.00m	NORTH	3.50m	NORTH	4.00m	NORTH	2.60m	SOUTH	1.85m	SOUTH	100m	NORTH
TREMAINE AVENUE (ADJACENT TO DEVELOPMENT BOUNDARY)	14.50m	1.00m	WEST	1.50m	WEST	2.00m	WEST	2.35m	EAST	1.85m	EAST	100m	EAST
KOORYONGKOOT DRIVE	16.00m	1.90m	WEST	2.35m	WEST	2.85m	WEST	2.60m	EAST	1.85m	EAST	100m	EAST/ WEST
LAXDALE GROVE (AND EXTENDED DRIVEWAY)	16.00m	2.00m	SOUTH	2.50m	SOUTH	3.00m	SOUTH	2.05m	NORTH	1.00m	NORTH	-	-

NOTE: OFFSETS FOR ELECTRICITY AND TELCO ARE INDICATIVE ONLY. REFER TO APPROVED ELECTRICAL AND TELCO PLANS FOR FINAL INSTALLATION OFFSETS.

CAD FILE: C:\2025\ENERGY\DATA\VP\HAP02\17040-46_60\04_ENGINEERING\01 CAD\17040-46-RD301-RD302.DWG
PLOT DATE: 20/04/2023 2:04:11 PM

DRAWN: P. SHAH	H 1 : 500 @ A1
DESIGNED: A.ARABO	
VERIFIED: L.APAP	
APPROVED: G.ROMANCZ	
0 CONSTRUCTION ISSUE	G.R. 19.04.23
REV DESCRIPTION	APPROVED DATE

0 5 10 20 30 40



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ISSUE: CONSTRUCTION	MELWAY REF: 366 F1
PROJECT NO: 17040-46	DWG NO: RD302
REVISION: 0	