MERRIFIELD LIVING - CITY WEST

STAGE 66

MICKLEHAM

HUME CITY COUNCIL

SUBDIVISIONAL DEVELOPMENT

APPROVED

HUME CITY COUNCIL

20 February 2020

CHECKED BY: LAURA SHADBOLT

ON BEHALF OF JOHN DAVIS
MANAGER SUBDIVISIONAL DEVELOPMENT

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LOCALITY PLAN

H 1 : 2000 @ A1 — 0 20 40 80 120 160

merrifield

HUME CITY COUNCIL

MAB

gpc

CONSTRUCTION

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	PRELIMINARY ISSUE	G.R	14.12.18

TITLE: LOCALITY PLAN AND DRAWING INDEX

MELWAY REF: 366 F2 | PROJECT No: 17030-66 | DWG No: RD100 | REVISION: 0

Quality ISO 9001 BSI-GLOBAL

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CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD100-RD107.DWG
PLOT DATE: 19/02/2020 12:59:39 PM

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
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CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD100-RD107.DWG
PLOT DATE: 19/02/2020 1:02:49 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 2000 @ A1 — 0 20 40 80 120 160

CLIENT: merrifield MAB GPC

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST
STAGE 66
MICKLEHAM

TITLE: STAGING PLAN

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD101	0

HUME CITY COUNCIL GENERAL NOTES:

1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH MPA AND HUME CITY COUNCIL STANDARD DRAWINGS, SPECIFICATIONS, APPROVED PLANS AND TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.

2. COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORKS WITH A PRE-COMMENCEMENT MEETING BEING HELD BETWEEN HUME CITY COUNCIL, THE CONSULTANT AND THE CONTRACTOR BEFORE WORKS COMMENCE. A SITE MANAGEMENT PLAN IS TO BE SUBMITTED PRIOR TO COMMENCEMENT OF WORKS AND PRIOR TO AN ONSITE PRE-COMMENCEMENT MEETING.

3. PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
a. SOURCE OF QUARRY MATERIAL
b. N.A.T.A APPROVED TESTS RESULTS FOR THE FCR THAT IS TO BE USED
c. IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, THEN NEW TEST RESULTS SHALL BE PROVIDED.

4. PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004 AND OHS REGULATIONS 2007 HAVE BEEN AND WILL BE COMPLIED WITH.

5. ON COMMENCEMENT OF CONSTRUCTION WORKS, THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL". APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.

6. THE DISPOSAL SITE FOR SPOIL REMOVAL FROM SITE AND TRUCK ROUTE IS TO BE SUBMITTED TO AND APPROVED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE IN WRITING PRIOR TO THE COMMENCEMENT OF ANY WORKS.

7. WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES, THESE SERVICES ARE TO BE LOCATED AND EXPOSED/PROVED PRIOR TO COMMENCEMENT OF WORKS, AND THE RELEVANT AUTHORITIES NOTIFIED SEVEN (7) CLEAR DAYS PRIOR TO THE COMMENCEMENT OF THE WORKS.

8. DO NOT SCALE FROM THIS DRAWING SET. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO, ORDERING MATERIALS OR COMMENCING WORKS. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND SCHEDULES.

9. THE CONTRACTOR MUST ARRANGE THE REQUISITE INSPECTIONS OF THE WORKS WITH THE CHIEF EXCECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE AS PER THE HOLD POINTS IN THE MPA MANUAL AND HUME CITY COUNCIL SPECIFICATIONS.

10. FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLAN. FILLING IS TO BE CLEAN CLAY COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACITON TEST IN ACCORDANCE WITH AS 1289.5.1.1-2003.

11. FILLING TO COMPLY WITH AS3798-2007, LEVEL 1 UNLESS SPECIFIED OTHERWISE.
12. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL IMPORTED FILL MATERIAL, INCLUDING TOPSOIL, SATISFIES THE DESCRIPTION FOR CLEAN FILL MATERIAL IN EPA BULLETIN PUBLICATION NO 448 (SEP '95) AND SUBSEQUENT REVISIONS. THE CONTRACTOR SHALL IF REQUIRED PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.

13. WHERE, AS A CONDITION OF THE PLANNING PERMIT OR AS A RESULT OF THE PRE-CONSTRUCTION MEETING, FENCING OF AREAS CONTAINING TREES, NATIVE GRASSES AND SHRUBS IS REQUIRED, A THREE STRAND STAR PICKET AND WIRE FENCE SHALL BE CONSTRUCTED.

14. NO TREE OR NATIVE VEGETATION IS TO BE DISTURBED OR REMOVED WITHOUT PRIOR APPROVAL FROM COUNCILS SUSTAINABLE ENVIRONMENTAL DEPARTMENT. ANY TREES REMOVED, VEGETATION OR OTHER MATERIALS ARE NOT TO BE BURNT ON SITE.

15. BEFORE COMMENCING WORK ON TRENCHES IN EXCESS OF 1.50m DEEP, NOTICE OF SUCH PROPOSAL IS TO BE FORWARDED BY THE CONTRACTOR TO WORK SAFE VICTORIA.

16. THE CONTRACTOR IS TO OBTAIN A BUILDING PERMIT ANY STRUCTURES/FENCES AND FOR ANY RETAINING WALLS OVER 1.0m IN HEIGHT.

17. ANY INFRASTRUCTURE DAMAGE DURING THE DEFECTS LIABILITY PERIOD IS THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTATIVE AND IS TO BE REINSTATED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER OR HIS REPRESENTATIVE.

18. PRIOR TO STATEMENT OF COMPLIANCE ALL DISTURBED AREAS (INCLUDING NATURE STRIPS, BATTERS, ALLOTMENTS WITH GRADES OF 1:5 AND GREATER, AND RESERVES) ARE TO BE REINSTATED TO A CLEAN, TIDY CONDITION, TOP DRESSED (100MM LOAMY TOP SOIL FREE OFF RUBBISH, DEBRIS, CLUMPS, SODS AND CLAY LUMPS), LIGHTLY COMPACTED AND HYDRO MULCHED.
HYDROMULCH AND SEED MIX TO BE:

- 40KG/HA KIKUYU
- 200KG/HA TURF TYPE PERENNIAL RYE
- 100KG/HA CREEPING RED FESCUE
- 1,500KG/HA OF CELLULOSE FIBRE
- SOIL BINDER, SPECIFICALLY MANUFACTURED FOR HYDROMULCHING, USED AT MANUFACTURERS RECOMMENDED RATES. (E.G. ORGANIC GAUR TACKIFIERS @ 20 - 30 KG/HA, BASED ON, SITE CONDITIONS).

PLEASE NOTE BITUMEN BINDERS ARE NOT ACCEPTED BY COUNCIL. GRASS IS TO BE ESTABLISHED PRIOR TO THE END OF THE MAINTENANCE PERIOD, UNLESS OTHERWISE AGREED IN WRITING.

21. FOOTPATHS ARE TO BE 50mm OFFSET FROM TITLE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY.

22. ALL NEW CONCRETE WORKS SHALL BE JOINED INTO ABUTTING EXISTING CONCRETE WITH 450mm LONG y20 DOWEL BARS @ 600 CENTRES, UNLESS OTHERWISE SPECIFIED.

23. ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SAND-BLASTING ONLY. WASHING AGGREGATE OFF WITH WATER IS NOT PERMITTED.

24. ALL SERVICE CONDUITS TRENCHES UNDER ROAD PAVEMENTS ARE TO BE BACKFILLED WITH 20mm 3% CEMENT TREATED CLASS 3 CRUSHED ROCK COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH AS 1289.5.2.1-2003. ALL SERVICE CONDUITS TRENCHES UNDER FOOTPATH, VEHICULAR CROSSINGS, PARKING BAYS AND WITHIN 750mm OF PARKING BAYS TO BE BACKFILLED WITH CLASS 3 CRUSHED ROCK.

25. ALL STORM WATER DRAINS ARE TO BE CLASS 2 RC OR RIGID FRC PIPES WITH ADCOL FLEXIBLE COLLARS UNLESS NOTE OTHERWISE. ALL PIPES UP TO AND INCLUDING 750mm DIA. ARE TO BE RUBBER RING JOINTED. INTERLOCKING/FLUSH JOINTS WITH EXTERNAL BANDS CAN ONLY BE USED ON PIPE SIZES OVER 750mm DIA.

26. WHERE NEW ASPHALT, CONCRETE K&CH, PATH AND DRIVEWAYS MATCH INTO EXISTING, THE EXISTING SURFACE IS TO BE SAW CUT AND MATCHED NEATLY.

27. ALL REDUNDANT ASSETS ARE TO BE REMOVED AND DISPOSED OFF SITE.

28. ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN OR DIRECTED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.

29. AT THE COMPLETION OF ALL WORKS, ALL RUBBISH, DEBRIS AND SURPLUS SPOIL SHALL BE REMOVED AND THE SITE SHALL BE CLEARED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.

30. ALL DRAINS BEHIND KERB AND CHANNEL SHALL BE BACKFILLED TO MATCH PAVEMENT SUBGRADE LEVEL WITH 20mm CLASS 3 FCR COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH AS 1289.5.2.1-2003. ALL DRAINS, SEWER, GAS & WATER MAINS LAID THROUGH THE ROAD PAVEMENT (EXCEPT CONDUITS) ARE TO BE BACKFILLED WITH 20mm CLASS 2 FCR COMPACTED TO 98% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH AS 1289.5.2.1-2003.

31. PAVEMENT DEPTH SPECIFIED IS A MINIMUM DEPTH AND MAY BE VARIED WITH THE CHIEF EXECUTIVE OFFICER AND/OR THE OR THEIR REPRESENTATIVE. SOFT SPOTS SHALL BE EXCAVATED TO A PROOF ROLLED BASE AND BACKFILLED WITH APPROVED MATERIAL COMPACTED IN 150mm LAYERS TO ACHIEVE TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AS 1289.5.1.1-2003.

32. ALL EXISTING ASSETS AFFECTED BY THE WORKS; EG SIGNS, VEHICLE CROSSING, FOOTPATHS, KERB AND LINEMARKING SHALL BE REINSTATED BY THE CONTRACTOR PRIOR TO THE COMPLETION OF THE WORKS TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.

33. ALL FIRE HYDRANTS ARE TO BE MARKED IN ACCORDANCE WITH "IDENTIFICATION OF STREET HYDRANTS FOR FIREFIGHTING PURPOSES" PUBLICATION (DEVELOPED BY CFA, MFESB &NRE). MARKINGS TO BE VIA BLUE PAVEMENT MARKER AND A (RED TOPPED) WHITE POST.

34. AGRICULTURAL DRAINS ARE TO BE PLACED BEHIND ALL KERB AND CHANNEL, KERB ONLY AND EDGE STRIPS.

35. ALL TABLE DRAINS AND VERGES ARE TO BE REINSTATED UPON COMPLETION OF WORKS TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.

36. ALL TRAFFIC CONTROL MEASURES, SIGNS AND LINE MARKING SHALL BE IN ACCORDANCE WITH AS 1742-1, 2 & 3. STREET NAME SIGNS ARE TO BE IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD408.

37. ALL LINE MARKING PAINT SHALL BE LONG LIFE TYPE IN ACCORDANCE WITH SECTION 95C OF THE HUME CITY COUNCIL SPECIFICATIONS. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.

38. ALL SIGNS TO BE CLASS 1 HIGH INTENSITY TYPE AND TO COMPLY WITH THE REQUIREMENTS OF AS 1743-2001.

39. HOUSE DRAIN CONNECTIONS TO 150mm DIAMETER PIPES TO BE VIA A MANUFACTURED JUNCTION PIECE. 150mm DIAMETER STORMWATER PIPES ARE TO BE HEAVY DUTY SEWER GRADE. PVC PIPES SHALL BE BACKFILLED WITH 10mm MINUS FCR TO 150mm ABOVE TOP OF PIPE IN ALL LOCATIONS.

40. 100mm HOUSE DRAIN CONNECTIONS TO BE LAID AT AN OFFSET OF 5.0m FROM THE LOW SIDE TITLE BOUNDARY AND PROPERTY INLETS 1.0m FROM THE LOW CORNER OF THE LOT UNLESS OTHERWISE SHOWN.

41. BLASTING GENERALLY IS NOT ENCOURAGED, HOWEVER BLASTING MAY BE REQUIRED AS A LAST RESORT DEPENDING ON GROUND CONDITIONS. COUNCIL IS TO BE NOTIFIED IN WRITING IF ANY BLASTING IS NECESSARY. RESIDENTS LIKELY TO BE AFFECTED BY THE BLASTING AND ALL SERVICE AUTHORITIES SHALL BE NOTIFIED IN WRITING PRIOR TO WORKS COMMENCING. COPIES OF THESE NOTIFICATIONS ARE TO BE SUBMITTED TO COUNCIL. RESIDENT NOTIFICATION LETTER IS TO INCLUDE BLASTING GUIDELINES, FIRING AND MISFIRE PROCEDURES AND CONTRACTOR AND CONSULTANT CONTACT NAMES AND PHONE NUMBERS. ALL BLASTING IS TO BE WITHIN THE LIMITS FOR AIR AND GROUND VIBRATION LEVELS AS SET DOWN IN AS 2187.2-1993. ALL BLASTING SHALL BE MONITORED FOR AIR AND NOISE VIBRATION AT POTENTIALLY AFFECTED RESIDENCES. "FORM A" FORM AS 2187.2-1993, AND WAVE TRACE COPIES ARE TO BE SUBMITTED TO COUNCIL FOR EACH BLAST. BLASTING IS TO BE RESTRICTED TO BETWEEN 9:00am AND 3:30pm. BLASTING IS NOT TO OCCUR ON WEEKENDS OR PUBLIC HOLIDAYS. BLASTING AREA SIGNS ARE TO BE PLACED AT ALL ENTRANCES TO THE SITE.

ENVIRONMENTAL CONTROL MEASURES:

1. NO NATIVE VEGETATION SHALL BE DESTROYED, FELLED, LOPPED RING BARKED OR UPROOTED WITHOUT THE CONSENT OF THE RESPONSIBLE AUTHORITY

2. ALL TREES ARE TO BE PROTECTED WITH APPROPRIATE EXCLUSION FENCING PRIOR TO COMMENCEMENT OF ANY WORKS UNLESS OTHERWISE SPECIFIED

3. PERMISSION IN WRITING IS REQUIRED FROM THE SUPERINTENDENT PRIOR TO THE REMOVAL OF ANY TREE EVEN IF MARKED FOR REMOVAL ON PLANS

4. PRIOR TO REMOVAL, TREES ARE TO BE MARKED BY CONTRACTOR AND APPROVED BY COUNCIL OR SUPERINTENDENT

5. CONTRACTOR TO PROVIDE ADEQUATE PROTECTION AGAINST SILT RUNOFF FROM THE SITE AS PART OF THE ENVIRONMENTAL MANAGEMENT PLAN (EMP)

SURVEY, SET OUT AND ASSET RECORDING:

1. ALL CONTOURS AND LEVELS ARE IN METERS TO THE AUSTRALIAN HEIGHT DATUM (A.H.D.)

2. ALL COORDINATES SHOWN ARE TO MAP GRID OF AUSTRALIA (MGA).

3. CHAINAGES SHOWN ON DETAIL PLANS ARE DISCONTINUOUS AT ACCESS CHAMBERS. CHAINAGES SHOWN ON LONG SECTION SHEETS ARE CONTINUOUS.

4. COORDINATES ARE TO INTERSECTION POINT UNLESS OTHERWISE SHOWN.

5. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR MUST COMPLETE A LEVEL CHECK BETWEEN ALL TBM'S TO VERIFY LEVEL VALUES.

6. TBM'S AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE CONSULTANT TO ARRANGE RE-INSTATEMENT AT THE CONTRACTORS EXPENSE.

SERVICES:

PROPOSED

1. ALL GAS AND WATER CONDUITS ARE TO BE INSPECTED BY THE SUPERVISING ENGINEER PRIOR TO BACKFILLING. CONDUITS TO EXTEND ON BOTH SIDES WHERE APPLICABLE TO 500mm BEYOND THE BUILDING LINE. ALL TRENCHES SHALL BE BACKFILLED WITH 20mm CLASS "2" FCR GAS AND WATER CONDUITS ARE TO BE LOCATED MIDDLE OF BLOCK UNLESS OTHERWISE NOTED

2. ELECTRICAL AND TELSTRA CONDUITS TO EXTEND 500mm BEYOND BOTH SIDES OF KERB

3. CONDUITS FOR TELSTRA, GAS AND WATER SERVICES ARE TO BE POSITIONED TO AN APPROVED LOCATION UNLESS OTHERWISE NOTED AND ARE TO BE PLACED AT RIGHT ANGLES TO THE KERB AND SERVICE ALIGNMENT. TELSTRA, GAS AND WATER CONDUITS ARE TO BE 50mm DIA PVC PIPES, CLASS 12. CONDUITS UNDER FOOTPATHS TO BE REFERENCED ON BACK OF PATH

4. SERVICE TRENCHES NEAR FOOTPATH SHALL BE BACKFILLED WITH APPROVED GRANULAR MATERIAL

5. ALL EXCAVATION FOR SERVICES MUST BE CONTAINED WITHIN EASEMENTS OR ROAD RESERVES. ANY EXCAVATION OUTSIDE THESE LIMITS MUST BE BACKFILLED WITH CLASS 3 OR CLASS 2 FCR AT 95% MODIFIED COMPACTION UNLESS NOTED OTHERWISE

6. BACKFILL MATERIAL FOR CONDUITS UNDER ROADS SHALL BE CLASS 3 OR CLASS 2 FCR (20 MM NOMINAL SIZE) UNLESS OTHERWISE DIRECTED BY THE ENGINEER

7. ALL SERVICE TRENCHES UNDER ROADS, DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH COMPACTED CLASS 3 OR CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND K&CH AND PARKING BAYS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK

EXISTING

8. EXISTING SERVICE LOCATIONS SHOWN HAVE BEEN OBTAINED FROM DIAL BEFORE YOU DIG RECORDS AND/OR SITE PLANS. EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT. PRIOR TO THE COMMENCEMENT OF WORKS, THE CONTRACTOR IS TO LOCATE ALL EXISTING SERVICES IN THE VICINITY OF PROPOSED WORKS AND UNDERTAKE ANY ON SITE INSPECTION WITH SERVICE AUTHORITIES AS NECESSARY. ANY DAMAGE CAUSED TO SERVICE AUTHORITIES ASSETS WHETHER SHOWN ON CONSTRUCTION PLANS OR NOT IS TO BE THE RESPONSIBILITY OF THE CONTRACTOR

9. ALL EXISTING PITS AND SERVICE FITTINGS THAT ARE TO REMAIN WITHIN THE PAVEMENT AREAS SHALL BE REBUILT TO MATCH PROPOSED LEVELS AND WHERE APPLICABLE FITTED WITHIN AN APPROPRIATE HEAVY DUTY, AUTHORITY APPROVED COVER. ELSEWHERE EXISTING SERVICES SHALL BE ADJUSTED TO SUIT NEW ADJACENT LEVELS. THE RELEVANT AUTHORITY IS TO BE NOTIFIED PRIOR TO ANY WORKS ON THEIR ASSETS AND SERVICES ARE TO BE ADJUSTED TO THE RELEVANT AUTHORITY REQUIREMENTS

10. ALL DEPTHS, CLEARANCE ETC TO COMPLY WITH RELEVANT AUTHORITY MINIMUMS.

CONSTRUCTION MANAGEMENT:

1. PRIOR TO COMMENCING WORKS THE CONTRACTOR SHALL SUBMIT THE FOLLOWING DOCUMENTS:

- PROJECT CONSTRUCTION PLAN
- ENVIRONMENTAL MANAGEMENT PLAN
- OH&S RISK ASSESSMENT
- SITE MANAGEMENT PLAN
- PROGRAM OF WORKS
- COMPACTION TEST PLAN FOR ALL PAVEMENTS, FILLED AREAS AND DRAINAGE WORKS
- AND ALL OTHER RELEVANT INSPECTION AND TEST PLANS REQUIRED BY THE SUPERINTENDENT

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COUNCIL: HUME CITY COUNCIL
PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM
TITLE: GENERAL NOTES
ISSUE: CONSTRUCTION
MELWAY REF: 366 F2
PROJECT No: 17030-66
DWG No: RD102
REVISION: 0

CAD FILE: C:\ZDSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD100-RD107.DWG
PLOT DATE: 19/02/2020 1:03:30 PM

AG DRAIN DETAIL (EXPANSIVE SUBGRADE)
CONNECTOR STREET - B2 (275 DEPTH)

AG DRAIN DETAIL (EXPANSIVE SUBGRADE)
CONNECTOR STREET - SM3 (175 DEPTH)

AG DRAIN DETAIL (EXPANSIVE SUBGRADE)
ACCESS STREET - LEVEL 1 - B2 (200 DEPTH)

PAVEMENT COMPOSITION

STREET NAME			
TYPE 1 CONNECTOR STREET ROSEHILL BOULEVARD AND BLACKMORE ROAD	WEARING COURSE	40mm	SIZE 14mm TYPE H ASPHALT
	INTERMEDIATE COURSE 1	60mm	SIZE 20mm TYPE SI ASPHALT
	BASE COURSE	75mm	SIZE 20mm TYPE SF ASPHALT
	UPPER SUBBASE	100mm	SIZE 20mm 3% CEMENT TREATED CRUSHED ROCK (E=500MPa)
	LOWER SUBBASE	155mm	SIZE 20mm CLASS 4 CRUSHED ROCK
	CAPPING	150mm	AS PER CAPPING NOTE
	TOTAL PAVEMENT DEPTH	580mm	OVER SUBGRAGE CBR >2%

THE PAVEMENT DESIGN SHOWN HERE HAS BEEN DESIGNED /PROVIDED BY "GOLDER ASSOCIATES" WHO ARE RESPONSIBLE FOR THE GEOTECHNICAL REPORT ON THIS PROJECT. VERVE PROJECTS PTY LTD IS NOT RESPONSIBLE FOR THE WORK OF "GOLDER ASSOCIATES".

THE DESIGN HAS BEEN EXTRACTED FROM "GOLDER ASSOCIATES" REPORT "18103569-002-R-REV2".

TYPE 2 ACCESS STREET - LEVEL 1 SALISBURY TERRACE	WEARING COURSE	30mm	SIZE 10mm TYPE N ASPHALT
	BASE COURSE	30mm	SIZE 10mm TYPE N ASPHALT
	SAMI TREATMENT	-	SIZE 10 SPRAYED SEAL USED CLASS S18RF BCRA BINDER PLACED AT AN APPLICATION RATE >1.8L/m2 AND COVERED WITH A LIGHT APPLICATION OF PRE-COATED SIZE 10 AGGREGATE
	BITUMINOUS PRIME		BITUMINOUS PRIME
	BASE COURSE	130mm	SIZE 20mm CLASS 2 CRUSHED ROCK
	UPPER SUBBBASE	100mm	SIZE 20mm CLASS 3 CRUSHED ROCK
	LOWER SUBBASE	140mm	SIZE 20mm CLASS 4 CRUSHED ROCK
	CAPPING	150mm	AS PER CAPPING NOTE
	TOTAL PAVEMENT DEPTH	580mm	OVER SUBGRADE CBR >2%

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THE DESIGN HAS BEEN EXTRACTED FROM "GOLDER ASSOCIATES" REPORT "18103569-002-R-REV2".

NOTE - MODIFICATION TO GOLDER ASSOCIATES' REPORT HAS OCCURED TO RELOCATE THE SAMI TREATMENT ABOVE BASE COURSE ROCK AS PER HUME CITY COUNCIL'S DIRECTION ON 28/7/2016.

NOTE: CONTRACTOR TO PROOF QUALITY OF CAPPING LAYER.

CAPPING LAYER MATERIAL SPECIFICATION:
ASSIGNED CBR: >8%
CBR SWELL: <1.5%
PERMEABILITY: <1X10-9 M/S
GRADING
% PASSING 75MM: 100%
4.75MM: 40-80%
0.075MM: 10-40%
PLASTICITY INDEX % PASSING 0.425MM SIEVE (POST CONSTRUCTION): <1000
PLASTICITY INDEX (POST CONSTRUCTION): 6-25%

SUITABLE CAPPING LAYER MATERIALS USUALLY INCLUDE SOFT ROCK FILL
(IE CRAIGIEBURN CLAY) AND VIC ROADS CLASS 4 CRUSHED ROCK

YOU SHOULD REVIEW THE DOCUMENTS REFERENCED HERE TO ENSURE THAT THE DESIGN HAS BEEN ACCURATELY REPRODUCED. A COPIES OF THE REPORTS WILL BE PROVIDED TO YOU ON REQUEST.

VERVE PROJECTS PTY LTD DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THE GEOTECHNICAL WORK AND PAVEMENT DESIGN

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	PRELIMINARY ISSUE	G.R	14.12.18

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

NOT TO SCALE

CLIENT: merrifield MAB GPC

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COUNCIL: HUME CITY COUNCIL
PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM
TITLE: STANDARD DETAILS - 1
ISSUE: CONSTRUCTION
MELWAY REF: 366 F2
PROJECT No: 17030-66
DWG No: RD103
REVISION: 0

CAD FILE: C:\120SYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD100-RD107.DWG
PLOT DATE: 19/02/2020 1:04:21 PM

SECTION A

SECTION B
THRESHOLD TREATMENT

KERB AND CHANNEL DETAILS

TEMPORARY TURNING AREA DETAIL - ACCESS STREET

TEMPORARY TURNING AREA DETAIL - CONNECTOR STREET

TYPICAL PORPHYRY STONE INFILL DETAIL
(THRESHOLD TREATMENT) FOR MEDIAN ISLAND

NOTES:
1. PORPHYRY STONE INFILL WIDTH TO BE 2.20m ON PRAM CROSSING SIDE FURTHEST FROM ROUNDABOUT.
2. PORPHYRY STONE INFILL WIDTH VARIES ON SIDE ADJACENT TO ROUNDABOUT. CONTRACTOR TO ENSURE INFILL AND CONCRETE EDGE OF PAVERS DOES NOT EXTEND BEYOND EXTENT OF MEDIAN ON ROUNDABOUT SIDE.
3. DIMENSIONS TO BE VERIFIED WITH SUPERINTENDENT ONSITE PRIOR TO WORKS.

ROUNDABOUT THRESHOLD TREATMENT

ALL FINISHED SURFACES TO COMPLY WITH AS4586 - SLIP RESISTANT CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

ON-STREET PARKING LAYOUT

CONCRETE PATH

PAVEMENT KEY-IN DETAIL (EXPANSIVE SUBGRADE)

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
D	COUNCIL COMMENTS	G.R	21.08.19
C	COUNCIL COMMENTS	G.R	25.06.19
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A	PRELIMINARY ISSUE	G.R	14.12.18

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DESIGNED: L.APAP
APPROVED: G.ROMANCZ

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COUNCIL: HUME CITY COUNCIL
PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM
TITLE: STANDARD DETAILS - 2

ISSUE:	MELWAY REF:	PROJECT No:	DWG No:	REVISION:
CONSTRUCTION	366 F2	17030-66	RD104	0

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TYPICAL PIT SETOUT DETAIL

PIT DEFLECTORS REQUIREMENT

PIT DEFLECTOR RANGE 50° TO 90°
REFER EDCM 13.17

FUTURE G.S.E.P WALL DETAIL

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	25.06.19
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A	PRELIMINARY ISSUE	G.R	14.12.18

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APPROVED: G.ROMANCZ

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST
STAGE 66
MICKLEHAM

TITLE: STANDARD DETAILS - 3

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD105	0

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ROSEHILL BOULEVARD
(SOUTH OF BLACKMORE ROAD)

ROSEHILL BOULEVARD
(NORTH OF BLACKMORE ROAD)

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	AMENDED SEWER OFFSET AT 2.5M FOOTPATH	G.R	21.08.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	PRELIMINARY ISSUE	G.R	14.12.18

DRAWN: P.CAMILLERI
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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: TYPICAL ROAD CROSS SECTIONS - 1

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD106	0

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BLACKMORE ROAD

SALISBURY TERRACE

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	21.08.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R.	29.04.19
A	PRELIMINARY ISSUE	G.R	14.12.18

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DRAWN: P.CAMILLERI
DESIGNED: L.APAP
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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: TYPICAL ROAD CROSS SECTIONS - 2

ISSUE: CONSTRUCTION

MELWAY REF: 366 F2

PROJECT No: 17030-66

DWG No: RD107

REVISION: 0

THE PAVEMENT DESIGN SHOWN HERE HAS BEEN DESIGNED /PROVIDED BY "GOLDER ASSOCIATES" WHO ARE RESPONSIBLE FOR THE GEOTECHNICAL REPORT ON THIS PROJECT. VERVE PROJECTS PTY LTD IS NOT RESPONSIBLE FOR THE WORK OF "GOLDER ASSOCIATES"

FOR PAVEMENT COMPOSITION TABLE REFER DRAWING 17030-66-RD103

LEGEND - PAVEMENT PLAN

- PORPHYRY STONE PAVEMENT, REFER DRAWING RD104
- TYPE 1 WEARING COURSE = TYPE H ASPHALT
- TYPE 2 WEARING COURSE = TYPE N ASPHALT

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H 1 : 500 @ A1 — 0 5 10 20 30 40

CLIENT: merrifield MAB gpc

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: PAVEMENT PLAN

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD110	0

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PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR IS TO ENSURE THE TBM'S USED CLOSE AGAINST AT LEAST TWO OTHER TBM'S. THE CONTRACTOR IS TO NOTIFY THE SUPERINTENDENT OF ANY TBM'S THAT HAVE BEEN DISTURBED

T.B.M. NO.	DESCRIPTIONS	RL (A.H.D)	EASTING (M)	NORTHING (M)
T.B.M. 14	STAR PICKET	R.L. 236.395	E 315720.87	N 5844308.23
T.B.M. 15	STAR PICKET	R.L. 238.37	E 315456.08	N 5844216.94
T.B.M. 16	STAR PICKET	R.L. 236.66	E 315691.30	N 5844167.10
T.B.M. 21	STAR PICKET	R.L. 235.115	E 315612.36	N 5844414.60
T.B.M. 31	STAR PICKET	R.L. 236.225	E 315714.31	N 5844383.17
T.B.M. 35	STAR PICKET	R.L. 237.01	E 315563.19	N 5844255.16

FOR CONTINUATION OF PLAN REFER DRAWING RD201

ELEC KIOSK LEVELS

H 1 : 100 @ A1 0 1 2 4 6 8

LEGEND - DETAIL PLAN

- LOT GRADE
- 44.5 EXISTING CONTOURS
- ES 44.60 EXISTING SURFACE LEVEL
- FS 44.60 FINISHED SURFACE LEVEL
- FB 44.60 TOP OF BATTER LEVEL
- TW 44.60 TOP OF WALL SURFACE LEVEL
- BW 44.60 BOTTOM OF WALL SURFACE LEVEL
- B2 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 FENCE
- PROPOSED STAGE BOUNDARY
- PROPOSED RETAINING WALL
- BOLLARDS
- LIMIT OF ROAD WORKS
- STREET SIGN
- NO ROAD SIGN
- PERMANENT SURVEY MARK
- 33 TEMPORARY BENCH MARK AND REF. NO.
- X REMOVE EXISTING TREE
- PROPOSED BATTER
- TACTILE MARKERS (TGSI's)
- 2.0m D E EASEMENT LINE AND TYPE
- 450Ø PROPOSED COUNCIL DRAINAGE PIT, HAUNCH, PIPE AND DIAMETER
- 1050Ø PROPOSED MAIN DRAINAGE PIT, HAUNCH, PIPE AND DIAMETER
- DRAINAGE PROPERTY INLET CONNECTION
- DRAINAGE HOUSE DRAIN CONNECTION
- TABLE DRAIN
- 1 DRAINAGE PIT NUMBERS
- S 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
- Exs EXISTING SEWER, MAINTENANCE STRUCTURE AND PROPERTY CONNECTION
- CUT >150mm DEPTH
- FILL >200mm DEPTH
- ROUNDABOUT THRESHOLD TREATMENT
- G15 EMERALD (AS2700 S1996) OR VICROADS APPROVED EQUIVALENT AS PER VICROADS CYCLE NTE No.14 2005)

HOUSE DRAINS/PROPERTY INLETS FOR FUTURE LOTS HAVE BEEN SET TO LOW SIDE OF LOT AT TIME OF DOCUMENTATION. CHAINAGES SHOWN FOR HOUSE DRAINS IN FUTURE LOTS ARE TAKEN FROM CENTRE OF DOWNSTREAM PIT TO HOUSE DRAIN, DENOTED HD CH____.

EXISTING OPEN CHANNELS TO BE LEVEL 1 FILLED AS PER GEOTECHNICAL ADVICE / SUPERINTENDENTS INSTRUCTION

WARNING

BEWARE OF UNDERGROUND SERVICES

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A	PRELIMINARY ISSUE	G.R	14.12.18

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DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

CLIENT: merrifield MAB gpc

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: DETAIL PLAN - 1

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD200	0

FOR CONTINUATION OF PLAN REFER DRAWING RD200

LEGEND - DETAIL PLAN

- LOT GRADE
- 44.5 EXISTING CONTOURS
- ES 44.60 EXISTING SURFACE LEVEL
- FS 44.60 FINISHED SURFACE LEVEL
- FB 44.60 TOP OF BATTER LEVEL
- TW 44.60 TOP OF WALL SURFACE LEVEL
- BW 44.60 BOTTOM OF WALL SURFACE LEVEL
- B2 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 FENCE
- PROPOSED STAGE BOUNDARY
- PROPOSED RETAINING WALL
- BOLLARDS
- LIMIT OF ROAD WORKS
- STREET SIGN
- NO ROAD SIGN
- PERMANENT SURVEY MARK
- 33 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 MAIN DRAINAGE PIT, HAUNCH, PIPE AND DIAMETER
- DRAINAGE PROPERTY INLET CONNECTION
- DRAINAGE HOUSE DRAIN CONNECTION
- TABLE DRAIN
- 1 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
- CUT >150mm DEPTH
- FILL >200mm DEPTH
- ROUNDABOUT THRESHOLD TREATMENT
- G15 EMERALD (AS2700 S1996) OR VICROADS APPROVED EQUIVALENT AS PER VICROADS CYCLE NTE No.14 2005)

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T.B.M. 15	STAR PICKET	R.L. 238.37	E 315456.08	N 5844216.94
T.B.M. 16	STAR PICKET	R.L. 236.66	E 315691.30	N 5844167.10
T.B.M. 21	STAR PICKET	R.L. 235.115	E 315612.36	N 5844414.60
T.B.M. 31	STAR PICKET	R.L. 236.225	E 315714.31	N 5844383.17
T.B.M. 35	STAR PICKET	R.L. 237.01	E 315563.19	N 5844255.16

WARNING

BEWARE OF UNDERGROUND SERVICES

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DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 500 @ A1 — 0 5 10 20 30 40

CLIENT: merrifield MAB GPC

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: DETAIL PLAN - 2

ISSUE: CONSTRUCTION | MELWAY REF: 366 F2 | PROJECT No: 17030-66 | DWG No: RD201 | REVISION: 0

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SERVICE OFFSET TABLE

STREET NAME	ROAD RESERVE WIDTH (M)	GAS		NON-DRINKING WATER		DRINKING WATER		ELECTRICITY		TELCO		SEWER	
		OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE
ROSEHILL BOULEVARD (SOUTH OF BLACKMORE ROAD)	31.00	3.75m	WEST	4.20m	WEST	4.70m	WEST	2.60m	EAST	1.85m	EAST	1.30m	WEST
ROSEHILL BOULEVARD (NORTH OF BLACKMORE ROAD)	32.50	3.75m	WEST	4.20m	WEST	4.70m	WEST	2.70m	EAST	1.85m	EAST	1.30m	WEST
BLACKMORE ROAD	31.00	3.05m	NORTH	3.75m	NORTH	4.45m	NORTH	17.45m	NORTH	1.85m	NORTH	1.00m	SOUTH
SALISBURY TERRACE	16.00	1.90m	WEST	2.35m	WEST	2.85m	WEST	2.60m	EAST	1.85m	EAST	1.00m	WEST

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

- N -

LEGEND - SERVICES PLAN

- LOT GRADE
- KERB
- PROPOSED VEHICLE CROSSING AND FOOTPATH
- PROPOSED STAGE BOUNDARY
- PROPOSED RETAINING WALL
- BOLLARDS
- LIMIT OF ROAD WORKS
- 2.0m D E — EASEMENT LINE AND TYPE
- G — PROPOSED GAS
- NDW — PROPOSED NON-DRINKING WATER
- DW — PROPOSED DRINKING WATER
- E — PROPOSED ELECTRICITY
- T — PROPOSED TELCO
- GW — PROPOSED GAS AND WATER CONDUIT
- G — PROPOSED GAS CONDUIT
- W — PROPOSED WATER CONDUIT
- D — PROPOSED COUNCIL DRAINAGE PIT AND DRAINAGE PIPE
- MD — PROPOSED MAIN DRAINAGE PIT AND PIPE
- DRAINAGE PROPERTY INLET CONNECTION
- DRAINAGE HOUSE DRAIN CONNECTION
- TABLE DRAIN
- S — PROPOSED SEWER, MAINTENANCE STRUCTURE AND PROPERTY CONNECTION
- PROPOSED MAINTENANCE HOLE
- PROPOSED MAINTENANCE CHAMBER
- PROPOSED MAINTENANCE SHAFT
- PROPOSED INSPECTION SHAFT
- PROPOSED GAS CHECK
- L — PROPOSED SEWER PIPE STUB
- ExG — EXISTING GAS
- ExNDW — EXISTING NON-DRINKING WATER
- ExDW — EXISTING DRINKING WATER
- ExE — EXISTING ELECTRICITY
- ExT — EXISTING TELCO
- ExE OH — EXISTING OVERHEAD ELECTRICITY
- ExOF — EXISTING OPTIC FIBRE
- GW — EXISTING GAS AND WATER CONDUIT
- ExD — EXISTING COUNCIL DRAINAGE PIPE, PIT
- ExMD — EXISTING MAIN DRAINAGE PIPE, PIT
- EXISTING DRAINAGE PROPERTY INLET CONNECTION
- EXISTING DRAINAGE HOUSE DRAIN CONNECTION
- ExS — EXISTING SEWER, MAINTENANCE STRUCTURE AND PROPERTY CONNECTION

WARNING

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DRAWN: P.CAMILLERI
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H 1 : 500 @ A1 — 0 5 10 20 30 40

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: SERVICES PLAN - 1

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD300	0

SERVICE OFFSET TABLE

STREET NAME	ROAD RESERVE WIDTH (M)	GAS		NON-DRINKING WATER		DRINKING WATER		ELECTRICITY		TELCO		SEWER	
		OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE
ROSEHILL BOULEVARD (SOUTH OF BLACKMORE ROAD)	31.00	3.75m	WEST	4.20m	WEST	4.70m	WEST	2.60m	EAST	1.85m	EAST	1.30m	WEST
ROSEHILL BOULEVARD (NORTH OF BLACKMORE ROAD)	32.50	3.75m	WEST	4.20m	WEST	4.70m	WEST	2.70m	EAST	1.85m	EAST	1.30m	WEST
BLACKMORE ROAD	31.00	3.05m	NORTH	3.75m	NORTH	4.45m	NORTH	17.45m	NORTH	1.85m	NORTH	1.00m	SOUTH
SALISBURY TERRACE	16.00	1.90m	WEST	2.35m	WEST	2.85m	WEST	2.60m	EAST	1.85m	EAST	1.00m	WEST

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

- N -

LEGEND - SERVICES PLAN

- LOT GRADE
- KERB
- PROPOSED VEHICLE CROSSING AND FOOTPATH
- PROPOSED STAGE BOUNDARY
- PROPOSED RETAINING WALL
- BOLLARDS
- LIMIT OF ROAD WORKS
- 2.0m D E — EASEMENT LINE AND TYPE
- G — PROPOSED GAS
- NDW — PROPOSED NON-DRINKING WATER
- DW — PROPOSED DRINKING WATER
- E — PROPOSED ELECTRICITY
- T — PROPOSED TELCO
- GW — PROPOSED GAS AND WATER CONDUIT
- G — PROPOSED GAS CONDUIT
- W — PROPOSED WATER CONDUIT
- D — PROPOSED COUNCIL DRAINAGE PIT AND DRAINAGE PIPE
- MD — PROPOSED MAIN DRAINAGE PIT AND PIPE
- DRAINAGE PROPERTY INLET CONNECTION
- DRAINAGE HOUSE DRAIN CONNECTION
- TABLE DRAIN
- S — PROPOSED SEWER, MAINTENANCE STRUCTURE AND PROPERTY CONNECTION
- PROPOSED MAINTENANCE HOLE
- PROPOSED MAINTENANCE CHAMBER
- PROPOSED MAINTENANCE SHAFT
- PROPOSED INSPECTION SHAFT
- PROPOSED GAS CHECK
- L — PROPOSED SEWER PIPE STUB
- ExG — EXISTING GAS
- ExNDW — EXISTING NON-DRINKING WATER
- ExDW — EXISTING DRINKING WATER
- ExE — EXISTING ELECTRICITY
- ExT — EXISTING TELCO
- ExE OH — EXISTING OVERHEAD ELECTRICITY
- ExOF — EXISTING OPTIC FIBRE
- GW — EXISTING GAS AND WATER CONDUIT
- ExD — EXISTING COUNCIL DRAINAGE PIPE, PIT
- ExMD — EXISTING MAIN DRAINAGE PIPE, PIT
- EXISTING DRAINAGE PROPERTY INLET CONNECTION
- EXISTING DRAINAGE HOUSE DRAIN CONNECTION
- ExS — EXISTING SEWER, MAINTENANCE STRUCTURE AND PROPERTY CONNECTION

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. A DBYD ENQUIRY ON 1100 MUST BE MADE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS.

WARNING

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

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	21.08.19
B	COUNCIL COMMENTS	G.R	25.06.19
A	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 500 @ A1 — 0 5 10 20 30 40

CLIENT: merrifield MAB GPC

verve
Level 1, 173 Burke Road, Glen Iris VIC 3146
Tel : 03 8573 1500
verveprojects.com

Certified System Quality ISO 9001 SAI GLOBAL

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: SERVICES PLAN - 2

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD301	0

CAD FILE: C:\120SYNERGY\DATA\VPKAP021\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD300-RD301.DWG
PLOT DATE: 19/02/2020 1:29:30 PM

HORIZONTAL GEOMETRY

VERTICAL GEOMETRY

DATUM 230

CHAINAGE (m)	DESIGN CL SURFACE LEVEL	LEFT DESIGN LIP OF KERB	RIGHT DESIGN LIP OF KERB	CENTRE LINE EXISTING SURFACE
1350.000	236.423	236.103	236.179	236.006
1360.000	236.373	236.053	236.129	235.839
1380.000	236.273	235.953	236.029	235.805
1400.000	236.173	235.853	235.853	235.774
1403.541	236.155	235.835	235.835	235.795
1412.529	236.110	235.790	235.790	235.847
1419.541	236.075	235.755	235.755	235.845
1420.000	236.073	235.753	235.753	235.844
1423.387	236.056	235.736	235.812	235.833
1435.541	235.995	235.675	235.751	235.805
1440.000	235.973	235.652	235.729	235.804
1450.687	235.919	235.599	235.676	235.767
1451.541	235.915	235.595	235.671	235.753
1460.000	235.873	235.552	235.629	235.621
1463.529	235.855	235.535	235.611	235.599
1467.541	235.835	235.515	235.591	235.679
1471.800	235.814	235.570	235.570	235.675
1479.529	235.775			235.658
1480.000	235.773			235.661
1481.541	235.765			235.668
1500.000	235.673			235.712
1516.316	235.591			235.474
1520.000	235.609			235.468
1540.000	235.709			234.307
1546.467	235.741			233.696
1560.000	235.808	235.488		234.642
1580.000	235.908	235.587	235.664	236.204
1590.000	235.957	235.637	235.714	236.214

BLACKMORE ROAD

C:\120SYNERGY\DATA\VPMAP02\17030-66_59\04. ENGINEERING\01 CAD\17030-66-RD400-RD402.DWG

CAD FILE:
PLOT DATE: 19/02/2020 1:51:53 PM

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	PRELIMINARY ISSUE	G.R	14.12.18

DRAWN: P.CAMILLERI

DESIGNED: L.APAP

APPROVED: G.ROMANCZ

H 1 : 500 @ A1
V 1 : 50

0 5 10 20 30 40
0 0.5 1 2 3 4

CLIENT: merrifield MAB GPC

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Tel : 03 8573 1500
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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: ROAD LONGITUDINAL SECTIONS BLACKMORE ROAD

ISSUE: CONSTRUCTION

MELWAY REF: 366 F2

PROJECT No: 17030-66

DWG No: RD400

REVISION: 0

HORIZONTAL GEOMETRY: R-241.5

VERTICAL GEOMETRY: 30m V.C. -1.641% | 0.630% | 40m V.C. | -1.000% | 40m V.C. | -2.687% | 2.489%

DATUM 231

CHAINAGE (m)	DESIGN CL SURFACE LEVEL	LEFT DESIGN LIP OF KERB	RIGHT DESIGN LIP OF KERB	CENTRE LINE EXISTING SURFACE
550.000	236.910			237.365
560.000	236.746			237.283
575.000	236.585			237.160
580.000	236.569			237.115
581.675	236.568			237.094
590.000	236.595			236.994
593.700	236.618		236.308	236.951
600.000	236.658		236.346	236.902
607.522	236.705		236.393	236.866
612.027	236.733	236.421	236.421	236.845
618.196	236.772	236.460	236.460	236.817
620.000	236.784	236.472	236.472	236.804
634.196	236.873	236.561	236.561	236.688
640.000	236.910	236.598	236.598	236.640
650.196	236.974	236.662	236.662	236.594
655.999	237.011	236.699	236.699	236.585
660.000	237.032	236.720	236.720	236.579
665.830	237.053	236.741	236.741	236.604
671.464	237.059	236.747	236.747	236.629
675.999	237.055	236.742	236.742	236.618
680.000	237.044	236.732	236.732	236.609
681.830	237.037	236.725	236.725	236.604
695.999	236.937	236.625	236.625	236.572
697.830	236.918	236.606	236.606	236.570
700.000	236.897	236.585	236.585	236.568
711.830	236.778	236.466	236.466	236.503
720.000	236.697	236.385	236.385	236.447
727.830	236.618	236.306	236.306	236.428
740.000	236.497	236.185	236.185	236.439
743.830	236.455	236.143	236.143	236.403
759.830	236.215	235.903	235.903	236.374
760.000	236.212	235.900	235.900	236.375
763.531	236.144	235.881	235.881	236.397
780.000	235.759			236.492
791.424	235.452			235.778
800.000				235.562

ROSEHILL BOULEVARD (SOUTH OF BLACKMORE ROAD)

HORIZONTAL GEOMETRY

VERTICAL GEOMETRY: 3.333% | -0.500%

DATUM 231

CHAINAGE (m)	DESIGN CL SURFACE LEVEL	LEFT DESIGN LIP OF KERB	RIGHT DESIGN LIP OF KERB	CENTRE LINE EXISTING SURFACE
0.000				235.544
5.377	235.422			236.065
20.000	235.349			236.037
40.000	235.249			235.931
42.447	235.237			235.939
42.814	235.235	234.999	234.998	235.940
48.209	235.208	234.896	234.896	235.957
48.293	235.207	234.895	234.895	235.958
60.000	235.149	234.837	234.837	235.818
80.000	235.049	234.813	234.737	235.691
90.000	234.999	234.763	234.687	235.588

ROSEHILL BOULEVARD (NORTH OF BLACKMORE ROAD)

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	PRELIMINARY ISSUE	G.R	14.12.18

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD400-RD402.DWG
PLOT DATE: 19/02/2020 15:33 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 500 @ A1 — 0 5 10 20 30 40
V 1 : 50 — 0 0.5 1 2 3 4

CLIENT: merrifield MAB gpc

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Tel : 03 8573 1500
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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: ROAD LONGITUDINAL SECTIONS ROSEHILL BOULEVARD

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD401	0

CHAINAGE (m)	DESIGN CL SURFACE LEVEL	LEFT DESIGN LIP OF KERB	RIGHT DESIGN LIP OF KERB	CENTRE LINE EXISTING SURFACE
0.000	237.403			237.887
3.284	237.293			237.875
7.137	237.325			237.862
9.137	237.344			237.854
11.137	237.371			237.847
11.950	237.383			237.841
12.845	237.395	237.295	237.295	237.834
20.000	237.556	237.407	237.444	237.786
27.935	237.634	237.518	237.518	237.741
30.615	237.639	237.527	237.527	237.726
31.186	237.639	237.527	237.527	237.722
32.772	237.635	237.524	237.524	237.713
32.839	237.635	237.524	237.524	237.713
33.196	237.634	237.522	237.522	237.710
40.000	237.574	237.463	237.463	237.661
43.025	237.526	237.414	237.414	237.634
43.198	237.522	237.411	237.411	237.632
44.275	237.503	237.391	237.391	237.623
44.279	237.503	237.391	237.391	237.623
56.174	237.311	237.200	237.200	237.522
57.150	237.298	237.186	237.186	237.514
57.164	237.298	237.186	237.186	237.513
58.198	237.283	237.172	237.172	237.505
60.000	237.259	237.148	237.148	237.490
69.650	237.147	237.036	237.036	237.412
69.664	237.147	237.035	237.035	237.412
70.174	237.142	237.030	237.030	237.407
73.198	237.113	237.001	237.001	237.369
80.000	237.052	236.940	236.940	237.284
83.650	237.019	236.907	236.907	237.238
83.664	237.018	236.907	236.907	237.238
84.174	237.014	236.902	236.902	237.232
97.150	236.896	236.785	236.785	237.093
97.164	236.896	236.785	236.785	237.093
97.341	236.895	236.783	236.783	237.091
100.000	236.871	236.759	236.759	237.067
111.150	236.770	236.658	236.658	236.963
111.164	236.770	236.658	236.658	236.963
111.341	236.768	236.657	236.657	236.962
120.000	236.690	236.578	236.578	236.862
123.650	236.657	236.545	236.545	236.818
123.664	236.657	236.545	236.545	236.817
123.841	236.655	236.544	236.544	236.815
137.650	236.530	236.419	236.419	236.714
137.664	236.530	236.419	236.419	236.714
137.841	236.528	236.417	236.417	236.713
140.000	236.509	236.397	236.397	236.707
150.341	236.415	236.304	236.304	236.648
151.650	236.404	236.292	236.292	236.639
151.664	236.403	236.292	236.292	236.639
160.000	236.328	236.217	236.217	236.561
164.150	236.291	236.179	236.179	236.522
164.164	236.290	236.179	236.179	236.522
164.341	236.289	236.177	236.177	236.520
178.150	236.164	236.052	236.052	236.328
178.164	236.164	236.052	236.052	236.328
178.341	236.162	236.051	236.051	236.325
180.000	236.147	236.036	236.036	236.309
184.350	236.108	235.996	235.996	236.287
184.364	236.108	235.996	235.996	236.287
185.518	236.097	235.986	235.986	236.281
193.018	235.986	235.870	235.870	236.260
200.000	235.804	235.692	235.692	236.503
200.518	235.787	235.676	235.676	236.493
203.165	235.702	235.590	235.590	236.443
206.071	235.633	235.522	235.522	236.332
207.165	235.620			236.285
208.622	235.614			236.030
211.165	235.633			235.686
214.460	235.683			235.727
216.460	235.722			235.776
218.460	235.779			235.725
220.000	235.830			235.725
225.000				235.806

SALISBURY TERRACE

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
D	COUNCIL COMMENTS	G.R	21.08.19
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	PRELIMINARY ISSUE	G.R	14.12.18

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD400-RD402.DWG
PLOT DATE: 19/02/2020 1:52:34 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 500 @ A1 — 0 5 10 20 30 40
V 1 : 50 — 0 0.5 1 2 3 4

CLIENT: merrifield MAB GPC

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Tel : 03 8573 1500
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COUNCIL: HUME CITY COUNCIL
PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM
TITLE: ROAD LONGITUDINAL SECTIONS SALISBURY TERRACE

ISSUE:	MELWAY REF:	PROJECT No:	DWG No:	REVISION:
CONSTRUCTION	366 F2	17030-66	RD402	0

DATUM233.0

DESIGN SURFACE	236.129	235.979	235.978	235.928	235.846	235.736	235.965	236.099	236.181	236.099	235.965	235.812	235.922	236.050	236.080	236.081	235.946
EXISTING SURFACE	235.671	235.688	235.689	235.737	235.756	235.758	235.833	235.841	235.833	235.781	235.767	235.704	235.704	235.603	235.669	235.680	235.845
OFFSET	-17.150	-16.350	-16.200	-13.700	-10.400	-9.950	-3.050	-2.450	0.000	2.450	3.050	7.650	8.100	13.200	14.700	14.750	15.558

CH 1423.387

DATUM234.0

DESIGN SURFACE	236.183	236.033	236.032	235.982	235.900	235.790	236.020	236.154	236.235	236.154	236.020	235.790	235.900	235.970	236.000	236.001	235.914
EXISTING SURFACE	235.648	235.664	235.665	235.712	235.774	235.782	235.867	235.873	235.847	235.789	235.775	235.657	235.641	235.542	235.699	235.708	235.811
OFFSET	-17.150	-16.350	-16.200	-13.700	-10.400	-9.950	-3.050	-2.450	0.000	2.450	3.050	9.950	10.400	13.200	14.700	14.750	15.274

CH 1412.529

DATUM233.0

DESIGN SURFACE	236.228	236.078	236.077	236.027	235.945	235.835	236.065	236.199	236.280	236.199	236.065	235.835	235.945	236.015	236.045	236.046	235.938
EXISTING SURFACE	235.668	235.686	235.687	235.735	235.797	235.806	235.821	235.817	235.795	235.741	235.730	235.625	235.619	235.502	235.711	235.720	235.780
OFFSET	-17.150	-16.350	-16.200	-13.700	-10.400	-9.950	-3.050	-2.450	0.000	2.450	3.050	9.950	10.400	13.200	14.700	14.750	15.038

CH 1403.541

CONTRACTOR NOTE:
EXISTING CHANNEL SHOWN ON EXISTING CONTOURS HAS BEEN FILLED AS PART OF BLACKMORE DRAIN WORKS. CONTRACTOR TO VERIFY EXTENT OF FILLING ON-SITE.

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
D	COUNCIL COMMENTS	G.R	21.08.19
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	PRELIMINARY ISSUE	G.R	14.12.18

CAD FILE: C:\120SYNERGY\DATA\VPKAP021\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD500-RD501.DWG
PLOT DATE: 19/02/2020 1:40:45 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 100 @ A1 — 0 1 2 4 6 8
V 1 : 50 — 0 0.5 1 2 3 4

NOTE:
DESIGN SURFACE LEVELS SHOWN AT FRONT OF LOTS ARE CRITICAL FOR FREEBOARD.

PROVISION FOR APPROVED GRANULAR MATERIAL WHERE FOOTPATH/ROAD IN FILL

CLIENT: merrifield MAB GPC

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Level 1, 173 Burke Road, Glen Iris VIC 3146
Tel : 03 8573 1500
verveprojects.com

Certified System Quality ISO 9001 SAI GLOBAL

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: ROAD CROSS SECTIONS BLACKMORE ROAD - 1 31m BOULEVARD CONNECTOR

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD500	0

DATUM233.0																													
DESIGN SURFACE	235.928	235.778	235.773	235.727	235.645	235.535	235.764	235.898	235.980	235.898	235.764	235.611	235.721	235.849	235.879	235.880	235.871
EXISTING SURFACE	235.786	235.792	235.792	235.809	235.832	235.835	235.697	235.667	235.599	235.598	235.597	235.733	235.758	235.829	235.824	235.824	235.824
OFFSET	-17.150	-16.250	-16.200	-13.700	-10.400	-9.950	-3.050	-2.450	0.000	2.450	3.050	7.650	8.100	13.200	14.700	14.750	14.800

CH 1463.529

DATUM233.0																													
DESIGN SURFACE	235.992	235.842	235.841	235.791	235.709	235.599	235.829	235.963	236.044	235.863	235.829	235.676	235.786	235.913	235.943	235.944	235.861
EXISTING SURFACE	235.728	235.736	235.737	235.760	235.837	235.849	235.801	235.794	235.767	235.737	235.730	235.728	235.728	235.782	235.802	235.802	235.863
OFFSET	-17.150	-16.250	-16.200	-13.700	-10.400	-9.950	-3.050	-2.450	0.000	2.450	3.050	7.650	8.100	13.200	14.700	14.750	15.248

CH 1450.687

CONTRACTOR NOTE:
EXISTING CHANNEL SHOWN ON EXISTING CONTOURS HAS BEEN FILLED AS PART OF BLACKMORE DRAIN WORKS. CONTRACTOR TO VERIFY EXTENT OF FILLING ON-SITE.

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
D	COUNCIL COMMENTS	G.R	21.08.19
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	PRELIMINARY ISSUE	G.R	14.12.18

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 100 @ A1 — 0 1 2 4 6 8
V 1 : 50 — 0 0.5 1 2 3 4

NOTE:
DESIGN SURFACE LEVELS SHOWN AT FRONT OF LOTS ARE CRITICAL FOR FREEBOARD.

PROVISION FOR APPROVED GRANULAR MATERIAL WHERE FOOTPATH/ROAD IN FILL

CLIENT: merrifield MAB gpc

verve
Level 1, 173 Burke Road, Glen Iris VIC 3146
Tel : 03 8573 1500
verveprojects.com

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: ROAD CROSS SECTIONS BLACKMORE ROAD - 2 31m BOULEVARD CONNECTOR

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD501	0

CAD FILE: C:\ZDSYNERGY\DATA\VPMAP02\17030-66_59.04 ENGINEERING\01 CAD\17030-66-RD500-RD501.DWG
PLOT DATE: 19/02/2020 1:41:12 PM

DATUM235.0

DESIGN SURFACE	236.927	236.777	236.776	236.726	236.631	236.631	236.561	236.791	236.925	236.998	236.925	236.791	236.561	236.631	236.631	236.701	236.731	236.732	236.650
EXISTING SURFACE	236.984	236.875	236.875	236.852	236.823	236.822	236.817	236.725	236.717	236.688	236.680	236.679	236.674	236.674	236.674	236.667	236.655	236.654	236.650
OFFSET	-17.400	-16.500	-16.450	-13.950	-10.150	-10.040	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.040	10.150	12.950	14.450	14.500	14.992

CH 634.196

DATUM234.0

DESIGN SURFACE	236.938	236.688	236.689	236.637	236.542	236.542	236.472	236.701	236.835	236.909	236.835	236.701	236.472	236.542	236.542	236.612	236.642	236.643	
EXISTING SURFACE	236.949	236.910	236.939	236.918	236.888	236.887	236.885	236.831	236.826	236.804	236.793	236.791	236.734	236.757	236.751	236.708	236.695	236.695	
OFFSET	-17.400	-16.500	-16.450	-13.950	-10.150	-10.040	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.040	10.150	12.950	14.450	14.500	

CH 620.000

DATUM234.0

DESIGN SURFACE	236.826	236.676	236.675	236.625	236.530	236.530	236.460	236.690	236.824	236.897	236.824	236.690	236.460	236.530	236.530	236.600	236.630	236.631	
EXISTING SURFACE	236.957	236.918	236.947	236.926	236.897	236.896	236.893	236.839	236.835	236.817	236.801	236.796	236.741	236.739	236.737	236.715	236.703	236.703	
OFFSET	-17.400	-16.500	-16.450	-13.950	-10.150	-10.040	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.040	10.150	12.950	14.450	14.500	

CH 618.196

DATUM234.0

DESIGN SURFACE	236.893	236.743	236.742	236.692	236.540	236.540	236.470	236.623	236.757	236.830	236.757	236.623	236.393	236.543	236.493	236.533	236.563	236.564	
EXISTING SURFACE	237.056	237.042	237.042	237.004	236.926	236.925	236.922	236.886	236.882	236.866	236.850	236.846	236.798	236.795	236.794	236.772	236.761	236.760	
OFFSET	-17.400	-16.500	-16.450	-13.950	-7.850	-7.700	-7.400	-2.800	-2.200	0.000	2.200	2.800	9.700	10.040	10.150	12.950	14.450	14.500	

CH 607.522

ROSEHILL BOULEVARD (SOUTH OF BLACKMORE ROAD)

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	21.08.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	PRELIMINARY ISSUE	G.R	14.12.18

CAD FILE: C:\12DSYNERGY\DATA\VPKAP021\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD510-RD515.DWG
PLOT DATE: 19/02/2020 4:27:16 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 100 @ A1 — 0 1 2 4 6 8
V 1 : 50 — 0 0.5 1 2 3 4

NOTE:
DESIGN SURFACE LEVELS SHOWN AT FRONT OF LOTS ARE CRITICAL FOR FREEBOARD.

CLIENT: merrifield MAB GPC

verve
Level 1, 173 Burke Road, Glen Iris VIC 3146
Tel : 03 8573 1500
verveprojects.com

Certified System Quality ISO 9001 SAI GLOBAL

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST
STAGE 66
MICKLEHAM

TITLE: ROAD CROSS SECTIONS
ROSEHILL BOULEVARD - 1
31m BOULEVARD CONNECTOR

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD510	0

DATUM235.0

DESIGN SURFACE	237.107	236.957	236.956	236.906	236.811	236.811	236.744	236.971	237.105	237.178	237.105	236.971	236.744	236.811	236.811	236.881	236.911	236.912	236.608
EXISTING SURFACE	236.692	236.678	236.678	236.667	236.651	236.651	236.649	236.634	236.636	236.604	236.566	236.555	236.584	236.586	236.586	236.601	236.610	236.610	236.608
OFFSET	-17.400	-16.500	-16.500	-13.950	-10.150	-10.050	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.050	10.050	12.950	14.450	14.500	16.320

CH 665.830

DATUM234.0

DESIGN SURFACE	237.086	236.936	236.935	236.885	236.790	236.790	236.720	236.950	237.084	237.157	237.084	236.950	236.720	236.790	236.790	236.860	236.890	236.891	236.599
EXISTING SURFACE	236.704	236.700	236.700	236.689	236.674	236.673	236.672	236.627	236.617	236.579	236.541	236.531	236.562	236.565	236.565	236.581	236.589	236.589	236.599
OFFSET	-17.400	-16.500	-16.500	-13.950	-10.150	-10.050	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.050	10.050	12.950	14.450	14.500	16.253

CH 660.000

DATUM234.0

DESIGN SURFACE	237.028	236.878	236.877	236.827	236.732	236.732	236.662	236.892	237.026	237.099	237.026	236.892	236.662	236.732	236.732	236.802	236.832	236.833	236.601
EXISTING SURFACE	236.773	236.769	236.769	236.760	236.746	236.744	236.739	236.641	236.632	236.594	236.575	236.575	236.574	236.574	236.574	236.585	236.593	236.592	236.601
OFFSET	-17.400	-16.500	-16.500	-13.950	-10.150	-10.050	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.050	10.050	12.950	14.450	14.500	15.889

CH 650.196

DATUM234.0

DESIGN SURFACE	237.002	236.964	236.814	236.813	236.763	236.668	236.668	236.598	236.827	236.961	237.035	236.961	236.827	236.598	236.668	236.738	236.768	236.769	236.624
EXISTING SURFACE	236.860	236.858	236.849	236.848	236.826	236.776	236.774	236.770	236.678	236.670	236.640	236.634	236.633	236.628	236.628	236.626	236.625	236.625	236.624
OFFSET	-17.629	-17.400	-16.500	-16.250	-13.950	-10.150	-10.050	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.050	12.950	14.450	14.500	15.368

CH 640.000

ROSEHILL BOULEVARD (SOUTH OF BLACKMORE ROAD)

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	21.08.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	PRELIMINARY ISSUE	G.R	14.12.18

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD510-RD515.DWG
PLOT DATE: 19/02/2020 4:27:55 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 100 @ A1 — 0 1 2 4 6 8
V 1 : 50 — 0 0.5 1 2 3 4

NOTE:
DESIGN SURFACE LEVELS SHOWN AT FRONT OF LOTS ARE CRITICAL FOR FREEBOARD.

PROVISION FOR APPROVED GRANULAR MATERIAL WHERE FOOTPATH/ROAD IN FILL

CLIENT: merrifield MAB GPC

verve
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Tel : 03 8573 1500
verveprojects.com

Certified System ISO 9001 Bureau Veritas Quality

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: ROAD CROSS SECTIONS ROSEHILL BOULEVARD - 2 31m BOULEVARD CONNECTOR

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD511	0

DATUM235.0

DESIGN SURFACE	236.951	236.801	236.800	236.750	236.655	236.655	236.585	236.814	236.948	237.022	236.948	236.814	236.585	236.655	236.655	236.725	236.755	236.756	236.522
EXISTING SURFACE	236.551	236.552	236.552	236.555	236.558	236.558	236.559	236.565	236.566	236.568	236.570	236.571	236.547	236.545	236.545	236.534	236.528	236.527	236.522
OFFSET	-17.400	-16.500	-16.450	-13.950	-10.150	-10.040	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.040	10.150	12.950	14.450	14.500	15.903

CH 700.000

DATUM234.0

DESIGN SURFACE	236.972	236.822	236.821	236.771	236.676	236.676	236.606	236.836	236.970	237.043	236.970	236.836	236.606	236.676	236.676	236.746	236.776	236.777	236.523
EXISTING SURFACE	236.553	236.554	236.554	236.556	236.560	236.560	236.560	236.567	236.567	236.570	236.574	236.576	236.549	236.547	236.547	236.536	236.529	236.529	236.523
OFFSET	-17.400	-16.500	-16.450	-13.950	-10.150	-10.040	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.040	10.150	12.950	14.450	14.500	16.075

CH 697.830

DATUM234.0

DESIGN SURFACE	237.091	236.941	236.940	236.890	236.795	236.795	236.725	236.955	237.089	237.162	237.089	236.955	236.725	236.795	236.795	236.865	236.895	236.896	236.538
EXISTING SURFACE	236.649	236.650	236.650	236.590	236.574	236.575	236.576	236.596	236.598	236.604	236.611	236.613	236.579	236.577	236.576	236.560	236.551	236.551	236.538
OFFSET	-17.400	-16.500	-16.450	-13.950	-10.150	-10.040	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.040	10.150	12.950	14.450	14.500	16.652	236.538

CH 681.830

DATUM234.0

DESIGN SURFACE	237.098	236.948	236.947	236.897	236.802	236.802	236.732	236.962	237.096	237.169	237.096	236.962	236.732	236.802	236.802	236.872	236.902	236.903	236.544
EXISTING SURFACE	236.621	236.615	236.615	236.600	236.579	236.579	236.580	236.600	236.602	236.609	236.615	236.617	236.583	236.581	236.581	236.564	236.556	236.556	236.544
OFFSET	-17.400	-16.500	-16.450	-13.950	-10.150	-10.040	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.040	10.150	12.950	14.450	14.500	16.658	236.544

CH 680.000

ROSEHILL BOULEVARD (SOUTH OF BLACKMORE ROAD)

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
B	COUNCIL COMMENTS	G.R	21.08.19
A	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD510-RD515.DWG
PLOT DATE: 19/02/2020 4:28:48 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 100 @ A1 — 0 1 2 4 6 8
V 1 : 50 — 0 0.5 1 2 3 4

NOTE:
DESIGN SURFACE LEVELS SHOWN AT FRONT OF LOTS ARE CRITICAL FOR FREEBOARD.

PROVISION FOR APPROVED GRANULAR MATERIAL WHERE FOOTPATH/ROAD IN FILL

CLIENT: merrifield MAB gpc

verve
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Tel : 03 8573 1500
verveprojects.com

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST
STAGE 66
MICKLEHAM

TITLE: ROAD CROSS SECTIONS
ROSEHILL BOULEVARD - 3
31m BOULEVARD CONNECTOR

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD512	0

ROAD RESERVE = 31.00m
BL
0.05m BERM
2.50m F'PATH
3.80m NATURESTRIP
0.45m B2
7.50m CARRIAGEWAY
5.00m CENTRAL MEDIAN
7.50m CARRIAGEWAY
0.45m B2
2.80m NATURESTRIP
1.50m F'PATH
BL
0.05m BERM
1 in 6
1 in 50
1 in 40
1 in 30
1 in 30
1 in 30
1 in 30
1 in 40
1 in 50
1 in 6

DATUM234.0

| | | |

DATUM234.0

DESIGN SURFACE	236.351	236.116	236.115	236.065	235.970	235.970	235.900	236.130	236.264	236.337	236.264	236.130	235.900	235.970	235.970	236.040	236.070	236.071	236.406
EXISTING SURFACE	236.311	236.372	236.373	236.417	236.406	236.405	236.404	236.379	236.378	236.375	236.372	236.371	236.355	236.375	236.373	236.379	236.391	236.391	236.406
OFFSET	-17.908	-16.500	-16.450	-13.950	-10.150	-10.040	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.040	10.150	12.950	14.450	14.500	16.509

CH 760.000

DATUM233.0

DESIGN SURFACE	236.269	236.119	236.118	236.068	235.973	235.973	235.903	236.133	236.267	236.340	236.267	236.133	235.903	235.973	235.973	236.043	236.073	236.074	236.406
EXISTING SURFACE	236.351	236.370	236.371	236.416	236.405	236.404	236.403	236.378	236.377	236.374	236.371	236.370	236.355	236.373	236.373	236.379	236.390	236.391	236.406
OFFSET	-17.400	-16.500	-16.450	-13.950	-10.150	-10.040	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.040	10.150	12.950	14.450	14.500	16.488	236.406

CH 759.830

DATUM234.0

DESIGN SURFACE	236.509	236.359	236.358	236.308	236.213	236.213	236.143	236.373	236.507	236.580	236.507	236.373	236.143	236.213	236.213	236.283	236.313	236.314	236.417	236.417
EXISTING SURFACE	236.372	236.523	236.523	236.512	236.484	236.483	236.480	236.391	236.394	236.403	236.411	236.414	236.409	236.410	236.410	236.414	236.416	236.416	236.417	236.417
OFFSET	-17.400	-16.500	-16.450	-13.950	-10.150	-10.040	-9.700	-2.800	-2.200	0.000	2.200	2.800	9.700	10.040	10.150	12.950	14.450	14.500	15.119	16.488

CH 743.830

ROSEHILL BOULEVARD (SOUTH OF BLACKMORE ROAD)

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	21.08.19
B	COUNCIL COMMENTS	G.R	25.06.19
A	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19

DRAWN: P.CAMILLERI

DESIGNED: L.APAP

APPROVED: G.ROMANCZ

H 1 : 100 @ A1 — 0 1 2 4 6 8
V 1 : 50 — 0 0.5 1 2 3 4

NOTE:
DESIGN SURFACE LEVELS SHOWN AT FRONT OF LOTS ARE CRITICAL FOR FREEBOARD.

CLIENT: merrifield MAB GPC

verve
Level 1, 173 Burke Road, Glen Iris VIC 3146
Tel : 03 8573 1500
verveprojects.com

Certified System Quality ISO 9001

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: ROAD CROSS SECTIONS ROSEHILL BOULEVARD - 5 31m BOULEVARD CONNECTOR

ISSUE: CONSTRUCTION

MELWAY REF: 366 F2

PROJECT No: 17030-66

DWG No: RD514

REVISION: 0

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD510-RD515.DWG
PLOT DATE: 19/02/2020 4:30:33 PM

CH 48.293

CH 48.209

CH 42.814

ROSEHILL BOULEVARD (NORTH OF BLACKMORE ROAD)

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
B	COUNCIL COMMENTS	G.R	21.08.19
A	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19

CAD FILE: C:\12DS\ENERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD510-RD515.DWG
PLOT DATE: 19/02/2020 4:31:08 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 100 @ A1 — 0 1 2 4 6 8
V 1 : 50 — 0 0.5 1 2 3 4

NOTE:
DESIGN SURFACE LEVELS SHOWN AT FRONT OF LOTS ARE CRITICAL FOR FREEBOARD.

CLIENT: merrifield MAB gpc

verve
Level 1, 173 Burke Road, Glen Iris VIC 3146
Tel : 03 8573 1500
verveprojects.com

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: ROAD CROSS SECTIONS ROSEHILL BOULEVARD - 6 32.5m BOULEVARD CONNECTOR

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD515	0

DATUM235.0																
DESIGN SURFACE	237.668	237.669	237.639	237.573	237.463	237.574	237.463	237.573	237.639	237.669	237.670
EXISTING SURFACE	237.689	237.689	237.686	237.680	237.679	237.661	237.643	237.641	237.626	237.612	237.612
OFFSET	-8.009	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000

CH 40.000

DATUM235.0											
DESIGN SURFACE	237.731	237.730	237.700	237.634	237.524	237.635	237.524	237.634	237.700	237.730	237.731
EXISTING SURFACE	237.727	237.727	237.724	237.720	237.719	237.713	237.707	237.706	237.700	237.690	237.689
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000

CH 32.772

DATUM235.0											
DESIGN SURFACE	237.652	237.651	237.621	237.554	237.444	237.556	237.444	237.554	237.621	237.651	237.652
EXISTING SURFACE	237.808	237.808	237.802	237.792	237.792	237.786	237.780	237.779	237.773	237.766	237.766
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000

CH 20.000

DATUM235.0											
DESIGN SURFACE	237.479	237.478	237.448	237.382	237.272	237.383	237.272	237.382	237.448	237.478	237.479
EXISTING SURFACE	237.872	237.872	237.866	237.856	237.854	237.841	237.828	237.827	237.816	237.809	237.808
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000

CH 11.950

DATUM235.0											
DESIGN SURFACE	237.243	237.242	237.212	237.146	237.036	237.147	237.036	237.146	237.212	237.242	237.243
EXISTING SURFACE	237.487	237.486	237.472	237.447	237.443	237.412	237.390	237.387	237.372	237.363	237.363
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000

CH 69.650

DATUM235.0											
DESIGN SURFACE	237.355	237.354	237.324	237.258	237.148	237.259	237.148	237.258	237.324	237.354	237.355
EXISTING SURFACE	237.552	237.551	237.537	237.517	237.514	237.490	237.467	237.463	237.448	237.439	237.439
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000

CH 60.000

DATUM235.0											
DESIGN SURFACE	237.393	237.392	237.362	237.296	237.186	237.298	237.186	237.296	237.362	237.392	237.393
EXISTING SURFACE	237.570	237.569	237.559	237.540	237.537	237.514	237.490	237.487	237.470	237.462	237.462
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000

CH 57.150

DATUM235.0											
DESIGN SURFACE	237.598	237.598	237.568	237.501	237.391	237.503	237.391	237.501	237.568	237.598	237.599
EXISTING SURFACE	237.667	237.667	237.660	237.645	237.642	237.623	237.603	237.601	237.584	237.569	237.569
OFFSET	-8.006	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000

CH 44.275

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD520-RD523.DWG
PLOT DATE: 19/02/2020 3:17:40 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 100 @ A1 — 0 1 2 4 6 8
V 1 : 50 — 0 0.5 1 2 3 4

NOTE:
DESIGN SURFACE LEVELS SHOWN AT FRONT OF LOTS ARE CRITICAL FOR FREEBOARD.

CLIENT: merrifield MAB gpc

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST
STAGE 66
MICKLEHAM

TITLE: ROAD CROSS SECTIONS
SALISBURY TERRACE - 1
16m ACCESS STREET

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD520	0

DATUM234.0																							
DESIGN SURFACE	236.992	236.991	236.961	236.895	236.785	236.896	236.785	236.895	236.961	236.991	236.992	237.431
EXISTING SURFACE	237.166	237.166	237.147	237.123	237.119	237.093	237.074	237.072	237.061	237.054	237.054	237.042
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	10.633

CH 97.150

DATUM234.0												
DESIGN SURFACE	237.114	237.113	237.083	237.017	236.907	237.019	236.907	237.017	237.083	237.113	237.114	237.439
EXISTING SURFACE	237.336	237.335	237.317	237.285	237.279	237.238	237.221	237.218	237.204	237.198	237.197	237.189
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	9.950

CH 83.650

DATUM235.0												
DESIGN SURFACE	237.447	237.446	237.116	237.050	236.940	237.052	236.940	237.050	237.116	237.446	237.447	237.429
EXISTING SURFACE	237.381	237.381	237.362	237.330	237.325	237.284	237.265	237.262	237.248	237.241	237.240	237.231
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	9.688

CH 80.000

DATUM234.0												
DESIGN SURFACE	236.786	236.785	236.755	236.688	236.578	236.690	236.578	236.688	236.755	236.785	236.786	237.262
EXISTING SURFACE	236.938	236.938	236.924	236.898	236.894	236.862	236.829	236.825	236.799	236.785	236.784	236.758
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	10.859

CH 120.000

DATUM234.0												
DESIGN SURFACE	236.866	236.865	236.835	236.768	236.658	236.770	236.658	236.768	236.835	236.865	236.866	237.347
EXISTING SURFACE	237.026	237.025	237.014	236.993	236.989	236.963	236.936	236.931	236.906	236.892	236.891	236.864
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	10.889

CH 111.150

DATUM234.0												
DESIGN SURFACE	236.966	236.965	236.935	236.869	236.759	236.871	236.759	236.869	236.935	236.965	236.966	237.421
EXISTING SURFACE	237.130	237.130	237.118	237.097	237.093	237.067	237.046	237.044	237.032	237.026	237.026	237.014
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	10.778

CH 100.000

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

DRAWN: P.CAMILLERI

DESIGNED: L.APAP

APPROVED: G.ROMANCZ

H 1 : 100 @ A1 — 0 1 2 4 6 8
V 1 : 50 — 0 0.5 1 2 3 4

NOTE:
DESIGN SURFACE LEVELS SHOWN AT FRONT OF LOTS ARE CRITICAL FOR FREEBOARD.

CLIENT: merrifield MAB GPC

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: ROAD CROSS SECTIONS SALISBURY TERRACE - 2 16m ACCESS STREET

ISSUE: CONSTRUCTION

MELWAY REF: 366 F2

PROJECT No: 17030-66

DWG No: RD521

REVISION: 0

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD520-RD523.DWG
PLOT DATE: 19/02/2020 3:18:26 PM

DATUM234.0 DESIGN SURFACE	236.605	236.604	236.574	236.507	236.397	236.509	236.397	236.507	236.574	236.604	236.605	237.063
EXISTING SURFACE	236.745	236.715	236.738	236.725	236.723	236.707	236.691	236.689	236.686	236.686	236.686	236.683
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	10.749

CH 140.000

DATUM234.0 DESIGN SURFACE	236.628	236.625	236.595	236.529	236.419	236.530	236.419	236.529	236.595	236.625	236.628	237.086
EXISTING SURFACE	236.752	236.752	236.744	236.732	236.730	236.714	236.698	236.696	236.693	236.692	236.692	236.692
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	10.762

CH 137.650

DATUM234.0 DESIGN SURFACE	236.753	236.752	236.722	236.655	236.545	236.657	236.545	236.655	236.722	236.752	236.753	237.226
EXISTING SURFACE	236.895	236.895	236.880	236.854	236.850	236.818	236.785	236.781	236.756	236.741	236.741	236.722
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	10.839

CH 123.650

DATUM234.0 DESIGN SURFACE	236.260	236.259	236.229	236.162	236.052	236.164	236.052	236.162	236.229	236.259	236.260	236.607
EXISTING SURFACE	236.387	236.387	236.375	236.354	236.351	236.328	236.332	236.333	236.343	236.348	236.349	236.356
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	10.085

CH 178.150

DATUM234.0 DESIGN SURFACE	236.386	236.385	236.355	236.289	236.179	236.291	236.179	236.289	236.355	236.385	236.386	236.814
EXISTING SURFACE	236.533	236.533	236.531	236.528	236.528	236.522	236.510	236.508	236.499	236.494	236.494	236.475
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	10.569

CH 164.150

DATUM234.0 DESIGN SURFACE	236.424	236.423	236.393	236.327	236.217	236.328	236.217	236.327	236.393	236.423	236.424	236.862
EXISTING SURFACE	236.570	236.570	236.568	236.565	236.565	236.561	236.557	236.555	236.546	236.532	236.532	236.508
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	10.631

CH 160.000

DATUM234.0 DESIGN SURFACE	236.498	236.498	236.468	236.402	236.292	236.404	236.292	236.402	236.468	236.498	236.498	236.947
EXISTING SURFACE	236.655	236.655	236.654	236.651	236.650	236.639	236.624	236.622	236.603	236.590	236.590	236.566
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	10.685

CH 151.650

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 100 0 1 2 4 6 8
@ A1
V 1 : 50 0 0.5 1 2 3 4

NOTE:
DESIGN SURFACE LEVELS SHOWN AT FRONT OF LOTS ARE CRITICAL FOR FREEBOARD.

CLIENT: merrifield MAB GPC

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Tel : 03 8573 1500
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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: ROAD CROSS SECTIONS SALISBURY TERRACE - 3 16m ACCESS STREET

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD522	0

CAD FILE: C:\12DSYNERGY\DATA\VPMAP22\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD520-RD523.DWG
PLOT DATE: 19/02/2020 3:19:02 PM

DATUM233.0

DESIGN SURFACE	235.728	235.728	235.698	235.632	235.522	235.633	235.522	235.632	235.698	235.728	235.728
EXISTING SURFACE	236.299	236.299	236.291	236.316	236.318	236.332	236.345	236.347	236.358	236.367	236.367
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000

CH 206.071

DATUM233.0

DESIGN SURFACE	235.900	235.899	235.869	235.802	235.692	235.804	235.692	235.802	235.869	235.899	235.900
EXISTING SURFACE	236.464	236.464	236.477	236.497	236.498	236.503	236.508	236.509	236.513	236.514	236.515
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000

CH 200.000

DATUM234.0

DESIGN SURFACE	236.204	236.203	236.173	236.106	235.996	236.108	235.996	236.106	236.173	236.203	236.204	236.413
EXISTING SURFACE	236.330	236.329	236.320	236.304	236.301	236.287	236.299	236.300	236.310	236.315	236.315	236.326
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	9.623

CH 184.350

DATUM234.0

DESIGN SURFACE	236.243	236.242	236.212	236.146	236.036	236.147	236.036	236.146	236.212	236.242	236.243	236.549
EXISTING SURFACE	236.364	236.364	236.352	236.331	236.327	236.309	236.321	236.323	236.332	236.338	236.338	236.345
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	9.948

CH 180.000

DATUM233.0

DESIGN SURFACE	235.728	235.728	235.697	235.630	235.520	235.632	235.520	235.630	235.697	235.728	235.728
EXISTING SURFACE	236.297	236.297	236.290	236.312	236.314	236.327	236.314	236.312	236.290	236.297	236.297
OFFSET	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000

CH 206.156

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
D	COUNCIL COMMENTS	G.R	21.08.19
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD520-RD523.DWG
PLOT DATE: 19/02/2020 3:20:24 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 100 @ A1 — 0 1 2 4 6 8
V 1 : 50 — 0 0.5 1 2 3 4

NOTE:
DESIGN SURFACE LEVELS SHOWN AT FRONT OF LOTS ARE CRITICAL FOR FREEBOARD.

CLIENT: merrifield MAB gpc

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Quality ISO 9001

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST
STAGE 66
MICKLEHAM

TITLE: ROAD CROSS SECTIONS
SALISBURY TERRACE - 4
16m ACCESS STREET

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD523	0

SETOUT DETAIL

NOT TO SCALE

ALL RADII AND LEVELS ARE TO LIP OF KERB UNLESS OTHERWISE NOTED. ALL LINEMARKING AND SIGNAGE ARE TO BE IN ACCORDANCE WITH AS1742.2 – 1994. LINEMARKING SETOUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.

90mm x 90mm PORPHYRY STONE THRESHOLD REFER TO TYPICAL SECTION RD104.

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
D	COUNCIL COMMENTS	G.R	21.08.19
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R.	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\V01 CAD\17030-66-RD600-RD607.DWG
PLOT DATE: 19/02/2020 3:23:30 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 200 @ A1 — 0 2 4 8 12 16

CLIENT: merrifield MAB GPC

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: INTERSECTION SETOUT DETAILS - 1

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD600	0

LIP LINE FC

SETOUT DETAIL

NOT TO SCALE

ALL RADII AND LEVELS ARE TO LIP OF KERB UNLESS OTHERWISE NOTED. ALL LINEMARKING AND SIGNAGE ARE TO BE IN ACCORDANCE WITH AS1742.2 - 1994. LINEMARKING SETOUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.

Alignment KR FC

Point no	Easting	Northing	RL
KR FC1	315632.701	5844349.903	235.568
KR FC2	315655.753	5844348.346	235.354
KR FC3	315665.556	5844355.203	235.236
KR FC4	315667.086	5844359.517	235.194
KR FC5	315672.009	5844380.362	235.000

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
KR FC1 - KR FC2	6.670	198.600	23.118	0.336	0.252	5.779	5.774	5.780	235.461
KR FC2 - KR FC3	71.007	10.300	12.765	1.915	1.425	3.140	2.841	3.191	235.295
KR FC4 - KR FC5	12.470	98.600	21.460	0.583	0.437	5.362	5.347	5.365	235.094

LIP LINE FD

Alignment KR FD

Point no	Easting	Northing	RL
KR FD1	315686.651	5844378.181	234.999
KR FD2	315686.629	5844378.002	235.000
KR FD3	315685.153	5844355.115	235.115
KR FD4	315685.153	5844355.113	235.115
KR FD5	315692.035	5844345.338	235.375
KR FD6	315695.636	5844344.071	235.418
KR FD7	315713.477	5844339.614	235.521

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
KR FD2 - KR FD3	6.725	195.500	22.948	0.337	0.252	5.736	5.731	5.737	235.058
KR FD4 - KR FD5	70.948	10.300	12.754	1.912	1.422	3.138	2.840	3.189	235.180
KR FD6 - KR FD7	10.701	98.600	18.415	0.430	0.322	4.602	4.592	4.604	235.470

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
D	COUNCIL COMMENTS	G.R	21.08.19
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD600-RD607.DWG
PLOT DATE: 19/02/2020 3:24:05 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 200 0 2 4 8 12 16
@ A1
V 1 : 20 0 0.2 0.4 0.8 1.2 1.6

CLIENT: merrifield MAB gpc

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: INTERSECTION SETOUT DETAILS - 2

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD601	0

SETOUT DETAIL

NOT TO SCALE

ALL RADII AND LEVELS ARE TO LIP OF KERB UNLESS OTHERWISE NOTED. ALL LINEMARKING AND SIGNAGE ARE TO BE IN ACCORDANCE WITH AS1742.2 – 1994. LINEMARKING SETOUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.

LIP LINE H0

Alignment KR H0 — SCALE H 1:200 V 1:20

Point no	Easting	Northing	RL
KR H01	315661.472	5844295.191	235.973
KR H02	315662.969	5844318.112	235.378
KR H03	315662.968	5844318.946	235.381
KR H04	315656.087	5844328.563	235.376
KR H05	315652.860	5844329.698	235.388
KR H06	315632.500	5844334.507	235.548

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL	
KR H01 - KR H02	6.631	198.600	22.983	0.332	0.249	5.745	5.740	5.746	235.633	
KR H02 - KR H03	0.973	49.100	0.833	0.002	0.001	0.208	0.208	0.208	235.379	
KR H03 - KR H04	70.070	10.300	12.596	1.866	1.389	3.100	2.813	3.149	235.392	
KR H05 - KR H06	12.179	98.600	20.959	0.556	0.417	5.237	5.223	5.240	235.467	

LIP LINE HP

Alignment KR HP — SCALE H 1:200 V 1:20

Point no	Easting	Northing	RL
KR HP1	315733.965	5844320.022	235.649
KR HP2	315693.570	5844325.633	235.377
KR HP3	315692.170	5844325.662	235.368
KR HP4	315682.394	5844318.804	235.296
KR HP5	315681.251	5844315.581	235.316
KR HP6	315676.329	5844294.737	235.875

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL	
KR HP1 - KR HP2	11.786	198.600	40.854	1.050	0.787	10.209	10.182	10.214	235.509	
KR HP3 - KR HP4	70.858	10.300	12.738	1.907	1.419	3.134	2.837	3.184	235.330	
KR HP5 - KR HP6	12.470	98.600	21.460	0.583	0.437	5.362	5.347	5.365	235.601	

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1:200 @ A1 V 1:20 — 0 2 4 8 12 16 / 0 0.2 0.4 0.8 1.2 1.6

CLIENT: merrifield MAB gpc

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: INTERSECTION SETOUT DETAILS - 3

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD602	0

CAD FILE: C:\12DS\NERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD600-RD607.DWG
PLOT DATE: 19/02/2020 3:24:26 PM

LIP LINE HQ

SETOUT DETAIL

NOT TO SCALE

ALL RADII AND LEVELS ARE TO LIP OF KERB UNLESS OTHERWISE NOTED. ALL LINEMARKING AND SIGNAGE ARE TO BE IN ACCORDANCE WITH AS1742.2 – 1994. LINEMARKING SETOUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.

LIP LINE HR

Alignment KR HQ

Point no	Easting	Northing	RL
KR HQ1	315632.829	5844339.102	235.717
KR HQ2	315643.194	5844337.793	235.663
KR HQ3	315653.457	5844335.369	235.609
KR HQ4	315657.288	5844334.021	235.589
KR HQ5	315658.479	5844334.987	235.593
KR HQ6	315659.053	5844341.616	235.596
KR HQ7	315658.160	5844342.783	235.591
KR HQ8	315649.251	5844343.176	235.636
KR HQ9	315632.124	5844345.340	235.722

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
KR HQ2 - KR HQ3	12.179	49.700	10.565	0.280	0.210	2.640	2.632	2.641	235.636
KR HQ4 - KR HQ5	116.822	0.900	1.835	0.429	0.314	0.439	0.327	0.459	235.584
KR HQ5 - KR HQ6	24.788	15.500	6.706	0.361	0.271	1.673	1.654	1.676	235.627
KR HQ6 - KR HQ7	109.497	0.900	1.720	0.381	0.280	0.414	0.321	0.430	235.587
KR HQ7 - KR HQ8	9.352	54.700	8.928	0.182	0.137	2.231	2.228	2.232	235.613

Alignment KR HR

Point no	Easting	Northing	RL
KR HR1	315676.604	5844380.038	235.153
KR HR2	315675.294	5844369.449	235.243
KR HR3	315672.813	5844358.943	235.341
KR HR4	315670.923	5844353.612	235.392
KR HR5	315671.885	5844352.418	235.381
KR HR6	315678.292	5844351.895	235.254
KR HR7	315678.447	5844351.849	235.251
KR HR8	315679.603	5844352.746	235.236
KR HR9	315679.603	5844352.747	235.236
KR HR10	315679.973	5844361.657	235.218
KR HR11	315682.162	5844379.351	235.151

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
KR HR2 - KR HR3	12.470	49.700	10.817	0.294	0.220	2.703	2.695	2.704	235.292
KR HR4 - KR HR5	116.821	0.900	1.835	0.429	0.314	0.439	0.327	0.459	235.399
KR HR5 - KR HR6	23.935	15.500	6.475	0.337	0.252	1.616	1.598	1.619	235.318
KR HR7 - KR HR8	108.935	0.899	1.709	0.377	0.277	0.411	0.320	0.427	235.238
KR HR9 - KR HR10	9.351	54.700	8.928	0.182	0.137	2.231	2.228	2.232	235.227

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

DRAWN: P.CAMILLERI

DESIGNED: L.APAP

APPROVED: G.ROMANCZ

H 1 : 200 @ A1 — 0 2 4 8 12 16
V 1 : 20 — 0 0.2 0.4 0.8 1.2 1.6

CLIENT: merrifield MAB GPC

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Tel : 03 8573 1500
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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: INTERSECTION SETOUT DETAILS - 4

ISSUE: CONSTRUCTION

MELWAY REF: 366 F2

PROJECT No: 17030-66

DWG No: RD603

REVISION: 0

CAD FILE: C:\120SYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD600-RD607.DWG
PLOT DATE: 19/02/2020 3:24:52 PM

LIP LINE HS

SETOUT DETAIL

NOT TO SCALE

ALL RADII AND LEVELS ARE TO LIP OF KERB UNLESS OTHERWISE NOTED. ALL LINEMARKING AND SIGNAGE ARE TO BE IN ACCORDANCE WITH AS1742.2 – 1994. LINEMARKING SETOUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.

LIP LINE HT

Alignment KR HS

Point no	Easting	Northing	RL
KR HS1	315712.773	5844335.068	235.682
KR HS2	315705.928	5844336.022	235.647
KR HS3	315704.492	5844336.204	235.640
KR HS4	315694.230	5844338.628	235.587
KR HS5	315690.399	5844339.975	235.567
KR HS6	315689.208	5844339.010	235.580
KR HS7	315688.633	5844332.381	235.590
KR HS8	315689.526	5844331.213	235.572
KR HS9	315698.436	5844330.821	235.617
KR HS10	315705.164	5844329.971	235.651
KR HS11	315734.798	5844324.478	235.802

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point	RL
KR HS1 - KR HS2	1.478	267.850	6.911	0.022	0.017	1.728	1.728	1.728	1.728	235.665
KR HS3 - KR HS4	12.179	49.700	10.565	0.280	0.210	2.640	2.632	2.641	2.641	235.614
KR HS5 - KR HS6	116.822	0.900	1.835	0.429	0.314	0.439	0.327	0.459	0.459	235.562
KR HS6 - KR HS7	24.788	15.500	6.706	0.361	0.271	1.673	1.654	1.676	1.676	235.644
KR HS7 - KR HS8	109.497	0.900	1.720	0.381	0.280	0.414	0.321	0.430	0.430	235.568
KR HS8 - KR HS9	9.352	54.700	8.928	0.182	0.137	2.231	2.228	2.232	2.232	235.595
KR HS10- KR HS11	6.601	261.750	30.155	0.434	0.326	7.538	7.532	7.539	7.539	235.726

Alignment KR HT

Point no	Easting	Northing	RL
KR HT1	315671.764	5844295.302	
KR HT2	315673.050	5844305.699	235.794
KR HT3	315675.531	5844316.206	235.539
KR HT4	315677.034	5844320.445	235.437
KR HT5	315676.072	5844321.639	235.414
KR HT6	315669.665	5844322.162	235.504
KR HT7	315668.509	5844321.255	235.542
KR HT8	315668.163	5844311.808	235.665
KR HT9	315666.043	5844294.676	

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point	RL
KR HT2 - KR HT3	12.470	49.700	10.817	0.294	0.220	2.703	2.695	2.704	2.704	235.666
KR HT4 - KR HT5	116.822	0.900	1.835	0.429	0.314	0.439	0.327	0.459	0.459	235.419
KR HT5 - KR HT6	23.935	15.500	6.475	0.337	0.252	1.616	1.598	1.619	1.619	235.447
KR HT6 - KR HT7	109.497	0.900	1.720	0.381	0.280	0.414	0.321	0.430	0.430	235.524
KR HT7 - KR HT8	9.914	54.700	9.465	0.205	0.153	2.366	2.361	2.366	2.366	235.580

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD600-RD607.DWG
PLOT DATE: 19/02/2020 3:25:27 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 200 0 2 4 8 12 16
@ A1
V 1 : 20 0 0.2 0.4 0.8 1.2 1.6

CLIENT: merrifield MAB gpc

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Quality ISO 9001 Bureau Veritas

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: INTERSECTION SETOUT DETAILS - 5

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD604	0

SETOUT DETAIL

NOT TO SCALE

ALL RADII AND LEVELS ARE TO LIP OF KERB UNLESS OTHERWISE NOTED. ALL LINEMARKING AND SIGNAGE ARE TO BE IN ACCORDANCE WITH AS1742.2 – 1994. LINEMARKING SETOUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.

CHAINAGE	DESIGN LEVEL	EXISTING SURFACE
0.000	235.792	235.637
0.703	235.774	235.727
1.406	235.747	235.812
4.080	235.626	236.090
6.080	235.559	236.089
8.080	235.539	236.089
10.016	235.544	236.085
12.016	235.556	236.079
13.038	235.568	236.068
14.016	235.584	236.053
25.083	235.782	235.679
26.075	235.802	235.690
28.805	235.856	235.669
31.305	235.868	235.633
33.805	235.805	235.632
38.091	235.631	235.612
39.113	235.623	235.602
43.088	235.596	235.505
45.588	235.615	235.496
48.088	235.707	235.471
48.556	235.732	235.462
50.353	235.793	235.531
52.150	235.792	235.637

SCALE H 1:200 V 1:20

LIP LINE HU

Alignment KR HU

Point no	Easting	Northing	RL
KR HU1	315682.155	5844337.044	235.792
KR HU2	315673.855	5844345.344	235.568
KR HU3	315665.555	5844337.044	235.802
KR HU4	315673.855	5844328.744	235.623

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL	
KR HU1 - KR HU2	90.000	8.300	13.038	2.431	1.799	3.176	2.693	3.259	235.551	
KR HU2 - KR HU3	90.000	8.300	13.038	2.431	1.799	3.176	2.693	3.259	235.683	
KR HU3 - KR HU4	90.000	8.300	13.038	2.431	1.799	3.176	2.693	3.259	235.845	
KR HU4 - KR HU1	90.000	8.300	13.038	2.431	1.799	3.176	2.693	3.259	235.616	

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

CAD FILE: C:\120SYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD600-RD607.DWG
PLOT DATE: 19/02/2020 3:26:17 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 200 @ A1 — 0 2 4 8 12 16
V 1 : 20 — 0 0.2 0.4 0.8 1.2 1.6

CLIENT: merrifield MAB GPC

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: INTERSECTION SETOUT DETAILS - 6

ISSUE: CONSTRUCTION

MELWAY REF: 366 F2

PROJECT No: 17030-66

DWG No: RD605

REVISION: 0

SETOUT DETAIL

NOT TO SCALE

ALL RADII AND LEVELS ARE TO LIP OF KERB UNLESS OTHERWISE NOTED. ALL LINEMARKING AND SIGNAGE ARE TO BE IN ACCORDANCE WITH AS1742.2 – 1994. LINEMARKING SETOUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.

LIP LINE 680

LIP LINE 68

LIP LINE 69

H 1 : 200 @ A1 — 0 2 4 8 12 16
V 1 : 20 — 0 0.2 0.4 0.8 1.2 1.6

Alignment Crown Grade Line 680

Point no	Easting	Northing	RL
KR 6801	315595.007	5844328.888	235.620
KR 6802	315586.075	5844340.372	235.795

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point	RL
KR 6801 - KR 6802		89.853	10.300	16.153	3.007	2.226	3.936	3.338	4.038	235.748

Alignment KR 68

Point no	Easting	Northing	RL
KR 681	315591.560	5844328.316	235.524
KR 682	315591.683	5844329.308	235.519
KR 683	315582.752	5844340.792	235.812

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point	RL
KR 682 - KR 683		89.853	10.300	16.153	3.007	2.226	3.936	3.338	4.038	235.722

Alignment KR 69

Point no	Easting	Northing	RL
KR 691	315609.837	5844337.370	235.676
KR 692	315598.324	5844328.416	235.512
KR 693	315598.201	5844327.424	235.522

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point	RL
KR 691 - KR 692		90.147	10.300	16.206	3.026	2.240	3.948	3.345	4.051	235.590

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
D	COUNCIL COMMENTS	G.R	21.08.19
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R.	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

CLIENT: merrifield MAB GPC

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: INTERSECTION SETOUT DETAILS - 7

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD606	0

CAD FILE: C:\12DSYNERGY\DATA\VPMAP021\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD600-RD607.DWG
PLOT DATE: 19/02/2020 3:26:46 PM

SETOUT DETAIL

NOT TO SCALE

ALL RADII AND LEVELS ARE TO LIP OF KERB UNLESS OTHERWISE NOTED. ALL LINEMARKING AND SIGNAGE ARE TO BE IN ACCORDANCE WITH AS1742.2 – 1994. LINEMARKING SETOUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.

Datum 235.0	236.957	236.932	236.860	236.759	236.747	236.742	236.501	236.466	236.291	236.250	236.229	236.335	236.469
DESIGN LEVEL		237.630	237.526	237.474	237.471	237.469	237.382	237.371	237.305	237.284	237.198	237.059	236.922
EXISTING SURFACE													
CHAINAGE	-3.941	0.000	11.628	18.614	19.128	19.335	26.628	27.468	32.870	34.968	42.468	53.163	66.559

HORIZONTAL GEOMETRY
VERTICAL GEOMETRY
DESIGN GRADELINE

LIP LINE 42

Datum 235.0	236.655	236.651	236.623	236.536	236.502	236.402	236.397	236.412	236.454	236.403	236.395	236.403	236.446	236.518	236.536	236.549
DESIGN LEVEL			236.886	236.986	237.048	237.237	237.241	237.233	237.195	237.159	237.152	237.138	237.088	236.950
EXISTING SURFACE																
CHAINAGE	-0.547	0.000	4.453	18.115	23.388	39.054	39.849	40.877	43.729	46.898	47.402	48.618	55.601	67.131	69.978	72.131

HORIZONTAL GEOMETRY
VERTICAL GEOMETRY
DESIGN GRADELINE

LIP LINE 83

H 1 : 200 @ A1
V 1 : 20
0 2 4 8 12 16
0 0.2 0.4 0.8 1.2 1.6

Alignment KR 42

Point no	Easting	Northing	RL
KR 421	315602.280	5844109.655	236.932
KR 422	315619.834	5844103.544	236.620
KR 423	315620.535	5844103.376	236.602
KR 424	315631.984	5844108.604	236.360
KR 425	315642.293	5844140.504	

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
KR 421 - KR 422	10.633	100.300	18.614	0.432	0.324	4.652	4.642	4.654	236.826
KR 422 - KR 423	0.813	50.800	0.721	0.001	0.001	0.180	0.180	0.180	236.611
KR 423 - KR 424	75.143	10.320	13.535	2.141	1.591	3.323	2.969	3.384	236.450
KR 424 - KR 425	19.576	98.600	33.689	1.435	1.076	8.412	8.351	8.422	236.385

Alignment KR 83

Point no	Easting	Northing	RL
KR 831	315646.847	5844139.854	236.623
KR 832	315643.432	5844121.235	236.502
KR 833	315637.664	5844106.738	236.402
KR 834	315638.364	5844105.382	236.412
KR 835	315644.120	5844103.750	236.403
KR 836	315645.420	5844104.435	236.403
KR 837	315646.766	5844111.283	236.446
KR 838	315649.442	5844122.498	236.518

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
KR 831 - KR 832	4.545	238.700	18.935	0.188	0.141	4.734	4.732	4.734	236.562
KR 832 - KR 833	18.060	49.700	15.666	0.616	0.462	3.912	3.888	3.917	236.452
KR 833 - KR 834	116.028	0.900	1.823	0.423	0.310	0.436	0.327	0.456	236.399
KR 834 - KR 835	22.256	15.500	6.021	0.291	0.218	1.503	1.489	1.505	236.451
KR 835 - KR 836	109.497	0.900	1.720	0.381	0.280	0.414	0.321	0.430	236.397
KR 836 - KR 837	7.315	54.700	6.984	0.111	0.084	1.746	1.744	1.746	236.424
KR 837 - KR 838	2.704	244.300	11.530	0.068	0.051	2.883	2.882	2.883	236.482

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
B	COUNCIL COMMENTS	G.R	25.06.19
A	CONSTRUCTION ISSUE	G.R	29.04.19

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

CLIENT: merrifield MAB gpc

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: INTERSECTION SETOUT DETAILS - 8

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD607	0

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD600-RD607.DWG
PLOT DATE: 19/02/2020 3:27:32 PM

LEGEND

CRUSHED ROCK BACKFILL

Design Flow (m3/s)	0.74m3/s		0.58m3/s		0.58m3/s		0.58m3/s		0.18m3/s		0.18m3/s		0.14m3/s		0.07m3/s		0.04m3/s		0.02m3/s		0.01m3/s		0.01m3/s		0.22m3/s		0.22m3/s	
Capacity (m3/s)	0.99m3/s		0.64m3/s		0.64m3/s		1.43m3/s		0.20m3/s		0.20m3/s		0.20m3/s		0.10m3/s		0.08m3/s		0.10m3/s		0.07m3/s		0.14m3/s		0.55m3/s		0.55m3/s	
Actual Velocity (m/s)	1.38m/s		1.08m/s		1.09m/s		1.62m/s		1.15m/s		1.11m/s		0.90m/s		0.95m/s		0.52m/s		0.35m/s		0.10m/s		0.10m/s		0.59m/s		0.60m/s	
Full Velocity (m/s)	1.85m/s		1.20m/s		1.20m/s		4.00m/s		1.26m/s		1.27m/s		1.27m/s		1.44m/s		1.19m/s		1.37m/s		0.97m/s		2.03m/s		1.49m/s		1.49m/s	
Pipe Type	RCP PIPE BANDAGE R14		RCP (FJ)		RCP (FJ)		RCP (RRJ)		RCP (RRJ)		RCP (RRJ)		RCP (RRJ)		RCP (RRJ)		RCP (RRJ)		RCP (RRJ)		RCP (RRJ)		RCP (RRJ)		RCP (RRJ)		RCP (RRJ)	
Pipe Class	Class 2		Class 2		Class 2		Class 2		Class 2		Class 2		Class 2		Class 2		Class 2		Class 2		Class 2		Class 2		Class 2		Class 2	
Pipe Size (mm)	825Ø		825Ø		825Ø		675Ø		450Ø		450Ø		450Ø		300Ø		300Ø		300Ø		300Ø		300Ø		685Ø		685Ø	
Grade (1 in)	1 in 211		1 in 499		1 in 500		1 in 34		1 in 202		1 in 200		1 in 200		1 in 91		1 in 133		1 in 100		1 in 200		1 in 46		1 in 255		1 in 255	
Datum R.L.	227.0								228.0																227.0			
DEPTH TO INVERT	3.644	2.519		2.294	2.244			2.261	2.211															2.302	2.152		2.143		
H.G.L. LEVELS		233.939		234.040	234.154			234.223	234.251															234.325	234.325		234.510		
R.L. OF INVERT	232.295	233.420		233.508	233.558			233.622	233.672															233.732	233.882		234.025		
FINISHED SURFACE		235.939		235.802				235.883																236.035			236.168		
EXISTING SURFACE		235.678		235.719				235.653																235.591			235.662		
CHAINAGE	0.000		18.521		18.521		31.859		50.379		30.309													80.688		4.909		85.598	

DEPTH TO INVERT	2.294	1.802		1.567	1.517		1.479	1.429			1.808	1.658					1.562	1.512					1.657	1.607			1.697	1.647		1.715	1.665			1.251	3.403	2.128		1.797	1.797		2.364
H.G.L. LEVELS	234.040	234.301		234.404	234.540		234.564	234.703			234.763	234.844					235.237	235.317					235.778	235.800			235.938	235.964		235.997	236.028			236.765	233.456			233.504	233.540		233.552
R.L. OF INVERT	233.508	234.000		234.071	234.121		234.163	234.213			234.343	234.493					235.035	235.085					235.630	235.680			235.819	235.869		235.933	235.983			236.702	231.890	233.165		233.203	233.203		233.239
FINISHED SURFACE	235.802			235.638			235.642				236.151						236.597						237.288				237.516			237.648				237.953	235.293			235.001			235.603
EXISTING SURFACE	235.719			236.330			236.284				236.329						236.714						237.531				237.649			237.732				237.951	235.963			235.997			236.086
CHAINAGE	0.000		14.265		14.265	8.500		22.765		25.964		48.729			49.250			97.979			72.772			170.752		13.880		184.632	12.731		197.362		32.758		230.120	0.000		9.773		9.773	9.094		18.867

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
D	COUNCIL COMMENTS	G.R	21.08.19
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

CAD FILE: C:\12DSYNERGY\DATA\VPKAP021\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD700-RD704.DWG
PLOT DATE: 19/02/2020 3:30:10 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 500 @ A1 — 0 5 10 20 30 40
V 1 : 50 — 0 0.5 1 2 3 4

CLIENT: merrifield MAB GPC

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Level 1, 173 Burke Road, Glen Iris VIC 3146
Tel : 03 8573 1500
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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: DRAINAGE LONGITUDINAL SECTIONS - 1

ISSUE: CONSTRUCTION

MELWAY REF: 366 F2 | PROJECT No: 17030-66 | DWG No: RD700 | REVISION: 0

LEGEND

CRUSHED ROCK BACKFILL

Design Flow (m3/s)	0.22m3/s	0.22m3/s	0.23m3/s	0.23m3/s	0.12m3/s	0.13m3/s	0.08m3/s	0.07m3/s	0.07m3/s	0.08m3/s	0.03m3/s	0.00m3/s	0.06m3/s
Capacity (m3/s)	0.55m3/s	0.38m3/s	0.38m3/s	0.38m3/s	0.18m3/s	0.21m3/s	0.13m3/s	0.13m3/s	0.12m3/s	0.12m3/s	0.07m3/s	0.17m3/s	0.19m3/s
Actual Velocity (m/s)	0.60m/s	0.63m/s	0.63m/s	0.64m/s	0.78m/s	0.79m/s	0.69m/s	0.66m/s	0.67m/s	0.68m/s	0.37m/s	0.05m/s	0.82m/s
Full Velocity (m/s)	1.49m/s	1.05m/s	1.05m/s	1.05m/s	1.14m/s	1.33m/s	1.15m/s	1.15m/s	1.12m/s	1.12m/s	0.97m/s	2.37m/s	2.66m/s
Pipe Type	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)
Pipe Class	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
Pipe Size (mm)	685Ø	685Ø	675Ø	675Ø	450Ø	450Ø	375Ø	375Ø	375Ø	375Ø	300Ø	300Ø	300Ø
Grade (1 in)	1 in 255	1 in 498	1 in 500	1 in 500	1 in 248	1 in 183	1 in 190	1 in 190	1 in 200	1 in 200	1 in 200	1 in 33	1 in 26
Datum R.L.	227.0												227.0
DEPTH TO INVERT	2.364	2.364	2.795	2.745	2.173	2.123	2.050	2.000	1.876	1.651	2.074	2.024	1.928	1.853	2.199	2.149	1.841	1.791	1.494	1.444	1.328	1.253	1.528	1.478	0.849	1.928	1.774	1.821
H.G.L. LEVELS	233.552	233.589	233.596	233.635	233.747	233.751	233.831	233.877	233.918	234.024	234.162	234.229	234.307	234.382	234.626	234.664	235.027	235.071	235.213	235.254	235.346	235.402	235.408	235.447	236.876	234.307	234.382	234.708
R.L. OF INVERT	233.239	233.239	233.268	233.318	233.384	233.434	233.473	233.523	233.553	233.778	233.889	233.939	234.056	234.131	234.417	234.467	234.823	234.873	235.004	235.054	235.135	235.210	235.255	235.305	236.832	234.056	234.210	234.521
FINISHED SURFACE	235.603		236.063		235.557		235.523		235.429		235.963		235.984		236.616		236.664		236.498		236.463		236.783		237.681	235.984		236.342
EXISTING SURFACE	236.086		236.063		236.124		234.746		236.265		236.363		236.406		236.554		236.802		236.931		237.063		237.208		237.640	236.406		236.357
CHAINAGE	18.867	7.382	26.249	32.597	58.846	19.793	78.639	14.710	93.349	27.459	120.809	21.398	142.207	54.544	196.751	67.772	264.523	26.232	290.754	16.274	307.028	8.909	315.936	50.748	366.685	0.000	8.221	8.221

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
D	COUNCIL COMMENTS	G.R	21.08.19
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD700-RD704.DWG
PLOT DATE: 19/02/2020 3:30:41 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 500 @ A1 — 0 5 10 20 30 40
V 1 : 50 — 0 0.5 1 2 3 4

CLIENT: merrifield MAB gpc

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Tel : 03 8573 1500
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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: DRAINAGE LONGITUDINAL SECTIONS - 2

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD701	0

LEGEND

CRUSHED ROCK BACKFILL

| | | |

LEGEND

CRUSHED ROCK BACKFILL

| | | |

PIT SCHEDULE

PIT				INTERNAL		INLET		OUTLET		PIT		
NAME	TYPE	EASTING	NORTHING	WID	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH	REMARKS
1	GSEP	315610.421	5844336.011	1350	1200	825	233.558	825	233.508	235.802	2.294	REFER STANDARD DRAWINGS EDCM601 AND EDCM607
						450	234.000					
2	GSEP	315578.615	5844337.787	1200	900	825	233.672	825	233.622	235.883	2.261	REFER STANDARD DRAWINGS EDCM601 AND EDCM607
3	JP	315548.545	5844341.585	1200	900	675	233.882	825	233.732	236.035	2.302	REFER STANDARD DRAWINGS EDCM601 AND EDCM607; TO BE CONVERTED TO GSEP AS PART OF STAGE 67 WORKS; HEAVY DUTY PIT COVER.
4	JP	315543.680	5844342.250	1200	1050			675	234.025	236.168	2.143	REFER STANDARD DRAWINGS EDCM605 AND EDCM607; PIT FITTED WITH FLAT PIPE GRILLE ARRANGEMENT AS PER M.W.C DRAWING 7251/08/423. PROVIDE 1 NO.675Ø RCP DRAINAGE STUB WEST PIT WALL IL234.075; PROVIDE 1 NO.450Ø RCP DRAINAGE STUB SOUTH PIT WALL IL234.248
5	GSEP	315599.149	5844327.760	600	900	450	234.121	450	234.071	235.638	1.567	REFER STANDARD DRAWING EDCM601
6	GSEP	315590.722	5844328.873	600	900	450	234.213	450	234.163	235.642	1.479	REFER STANDARD DRAWING EDCM601
7	GSEP	315587.534	5844303.105	600	900	300	234.493	450	234.343	236.151	1.808	REFER STANDARD DRAWING EDCM601
						300	234.490					
						300	234.490					
8	GSEP	315581.487	5844254.228	600	900	300	235.085	300	235.035	236.597	1.562	REFER STANDARD DRAWING EDCM601
						300	235.080					
9	GSEP	315572.552	5844182.006	600	900	300	235.680	300	235.630	237.288	1.657	REFER STANDARD DRAWING EDCM601
						300	235.680					
10	GSEP	315569.949	5844168.388	600	900	300	235.869	300	235.819	237.516	1.697	REFER STANDARD DRAWING EDCM601
11	JP	315565.638	5844156.422	600	900	300	235.983	300	235.933	237.648	1.715	REFER STANDARD DRAWING EDCM605; PROVIDE 1NO. 300Ø RCP DRAINAGE STUB SOUTH PIT WALL IL235.923; TO BE CONVERTED TO GSEP AS PART OF STAGE 68 WORKS.
12	JP	315535.833	5844170.013	600	900			300	236.702	237.953	1.251	REFER STANDARD DRAWING EDCM605
TP1	TP	315690.818	5844386.414			675	233.203	675	233.203	235.001	1.797	EXISTING TEMPORARY DRAINAGE CONSTRUCTED AS PART OF SECT C STAGE 39
TP2	TP	315698.565	5844382.094			675	233.239	675	233.239	235.603	2.364	EXISTING TEMPORARY DRAINAGE CONSTRUCTED AS PART OF SECT C STAGE 39
13	JP	315702.965	5844376.277	1500	600	675	233.318	675	233.268	236.063	2.795	REFER STANDARD DRAWING EDCM605; CONNECT EXISTING 675Ø TEMPORARY DRAINAGE END PIPE DOWNSTREAM TO PIT AND MAKE GOOD.
14	GSEP	315698.869	5844343.943	600	1200	675	233.434	675	233.384	235.557	2.173	REFER STANDARD DRAWINGS EDCM601 AND EDCM607
15	GSEP	315696.387	5844324.312	1200	1200	675	233.523	675	233.473	235.523	2.050	REFER STANDARD DRAWINGS EDCM601 AND EDCM607
16	GSEP	315683.451	5844317.745	1500	900	450	233.778	675	233.553	235.429	1.876	REFER STANDARD DRAWINGS EDCM601 AND EDCM607
						375	233.853					
17	GSEP	315679.195	5844290.626	900	900	450	233.939	450	233.889	235.963	2.074	REFER STANDARD DRAWINGS EDCM601 AND EDCM607
18	GSEP	315657.840	5844291.955	600	900	375	234.131	450	234.056	235.984	1.928	REFER STANDARD DRAWING EDCM601; HEAVY DUTY PIT COVER
						300	234.210					
19	GSEP	315650.997	5844237.842	900	900	375	234.467	375	234.417	236.613	2.196	REFER STANDARD DRAWINGS EDCM601 AND EDCM607
						300	234.492					
20	GSEP	315642.829	5844170.564	600	900	375	234.873	375	234.823	236.664	1.841	REFER STANDARD DRAWING EDCM601
						300	234.895					
21	GSEP	315639.610	5844144.530	600	900	375	235.054	375	235.004	236.498	1.494	REFER STANDARD DRAWING EDCM601
22	GSEP	315638.819	5844128.289	600	900	300	235.210	375	235.135	236.463	1.328	REFER STANDARD DRAWING EDCM601
						300	235.210					
23	JP	315629.962	5844128.515	600	900	300	235.305	300	235.255	236.783	1.528	REFER STANDARD DRAWING EDCM605
24	JP	315583.788	5844149.572	600	900			300	236.832	237.681	0.849	REFER STANDARD DRAWING EDCM605
25	JP	315650.302	5844295.155	600	900	300	234.571	300	234.521	236.342	1.821	REFER STANDARD DRAWING EDCM605
26	JP	315622.794	5844298.564	600	900	300	235.037	300	234.987	236.340	1.354	REFER STANDARD DRAWING EDCM605
27	JP	315614.162	5844228.796	600	900	300	235.790	300	235.740	237.220	1.480	REFER STANDARD DRAWING EDCM605
28	JP	315605.813	5844161.315	600	900			300	236.470	237.432	0.962	REFER STANDARD DRAWING EDCM605
29	JP	315558.308	5844306.727	600	900	300	235.057	300	235.007	236.543	1.536	REFER STANDARD DRAWING EDCM605
30	JP	315550.044	5844239.930	600	900	300	236.116	300	236.066	237.261	1.194	REFER STANDARD DRAWING EDCM605
31	JP	315543.459	5844186.707	600	900			300	236.787	237.774	0.988	REFER STANDARD DRAWING EDCM605
32	GSEP	315661.910	5844317.314	900	900	375	233.989	375	233.939	235.502	1.563	REFER STANDARD DRAWINGS EDCM601 AND EDCM607; HEAVY DUTY PIT COVER
33	GSEP	315655.403	5844327.697	900	900	300	234.114	375	234.039	235.501	1.462	REFER STANDARD DRAWINGS EDCM601 AND EDCM607; HEAVY DUTY PIT COVER
34	GSEP	315644.818	5844331.217	600	900	300	234.220	300	234.170	235.570	1.400	REFER STANDARD DRAWING EDCM601
35	GSEP	315632.382	5844333.586	600	900			300	234.283	235.683	1.400	REFER STANDARD DRAWING EDCM601
36	GSEP	315626.465	5844353.917	600	900	300	234.114	300	234.064	235.648	1.584	REFER STANDARD DRAWING EDCM601
37	GSEP	315571.780	5844360.825	600	900	300	234.440	300	234.390	235.924	1.534	REFER STANDARD DRAWING EDCM601
38	JP	315510.269	5844368.596	600	900			300	234.750	236.234	1.484	REFER STANDARD DRAWING EDCM605; TO BE CONVERTED TO GSEP AS PART OF STAGE 67 WORKS.
39	GSEP	315672.190	5844235.220	600	900			300	235.128	236.613	1.484	REFER STANDARD DRAWING EDCM601
40	GSEP	315663.870	5844167.974	600	900			300	235.227	236.664	1.436	REFER STANDARD DRAWING EDCM601
41	GSEP	315595.976	5844302.108	600	900			300	234.554	236.151	1.597	REFER STANDARD DRAWING EDCM601
42	GSEP	315589.901	5844253.008	600	900			300	235.144	236.598	1.454	REFER STANDARD DRAWING EDCM601
43	GSEP	315580.988	5844180.962	600	900			300	235.731	237.288	1.556	REFER STANDARD DRAWING EDCM601
44	GSEP	315657.823	5844124.519	600	900			300	235.459	236.392	0.933	REFER STANDARD DRAWING EDCM601
EX BMD06						675	231.890			235.293	3.403	EXISTING PIT; CONSTRUCTED AS PART OF BLACKMORE ROAD MAIN DRAIN WORKS.
EX BMD08						825	232.295			235.939	3.644	EXISTING PIT; CONSTRUCTED AS PART OF BLACKMORE ROAD MAIN DRAIN WORKS; CONNECT 825Ø PIPE TO EXISTING BLACKMORE DRAIN STUB AND MAKE GOOD
						300	234.015					
EX 32												CONVERT TO GSEP; REFER STANDARD DRAWINGS EDCM601 AND EDCM607.

NOTE: - IN ACCORDANCE WITH EDCM STANDARDS ALL PIPES <600Ø SHOULD HAVE DEFLECTORS WHERE THE DEFLECTION IS > 50°.
- ALL PITS GREATER THAN 2M TO INVERT ARE TO BE HAUNCHED.

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
D	COUNCIL COMMENTS	G.R	21.08.19
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	CONSTRUCTION ISSUE	G.R	14.12.18

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

CLIENT: merrifield MAB GPC

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Tel : 03 8573 1500
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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: DRAINAGE PIT SCHEDULE

ISSUE: CONSTRUCTION | MELWAY REF: 366 F2 | PROJECT No: 17030-66 | DWG No: RD704 | REVISION: 0

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD700-RD704.DWG
PLOT DATE: 19/02/2020 3:33:58 PM

FOR CONTINUATION OF PLAN REFER TOP RIGHT

FOR CONTINUATION OF PLAN REFER BOTTOM LEFT

CATCH BUND SETOUT LINE-> HORIZONTAL POINTS								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	315447.870	5844385.490	237.040	102°20'28.30"			
TC	90.990	315536.750	5844366.040	236.040	102°20'28.30"			
IP 2	104.160	315551.870	5844362.740	235.900		R = 20.000	26.340	75°28'00.77"
CT	117.330	315552.460	5844347.270	235.750	177°48'29.06"			
IP 3	133.020	315553.060	5844331.600	236.040				
TC	319.360	315522.140	5844147.840	238.190	189°33'12.30"			
IP 4	333.070	315519.420	5844131.710	238.210		R = -20.000	27.420	78°33'03.04"
CT	346.780	315534.690	5844125.840	238.110	111°00'09.26"			
IP 5	481.170	315660.150	5844077.680	237.130	111°00'09.26"			

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	21.08.19
B	COUNCIL COMMENTS	G.R	25.06.19
A	CONSTRUCTION ISSUE	G.R	29.04.19

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 500 @ A1 — 0 5 10 20 30 40

CLIENT: merrifield MAB gpc

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Tel : 03 8573 1500
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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: TEMPORARY CATCH BUND SETOUT PLAN

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD720	0

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD720.DWG
PLOT DATE: 19/02/2020 3:35:48 PM

HORIZONTAL GEOMETRY

VERTICAL GEOMETRY

DATUM 232

DESIGN CL SURFACE LEVEL	237.037	236.818	236.600	236.381	236.162	236.042	235.944	235.855	236.300	236.718	236.794	236.970	237.145	237.321	237.496	237.672	237.848	238.023	238.193	238.199	238.259	238.173	238.129	238.108
CENTRE LINE EXISTING SURFACE	237.030	236.978	236.227	236.071	235.942	235.787	235.637	235.927	236.799	236.640	236.741	236.842	237.063	237.268	237.507	237.690	237.848	237.905	238.153	238.152	238.132	238.260	238.181	238.121
CHAINAGE (m)	0.000	20.000	40.000	60.000	80.000	90.987	100.000	128.000	140.000	151.307	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000	319.361	320.000	326.840	340.000	346.780	350.000

HORIZONTAL GEOMETRY

VERTICAL GEOMETRY

DATUM 234

DESIGN CL SURFACE LEVEL	238.173	238.129	238.043	237.913	237.783	237.653	237.523	237.393	237.263	237.255
CENTRE LINE EXISTING SURFACE	238.260	238.181	237.985	237.873	237.734	237.627	237.489	237.282	237.089	237.079
CHAINAGE (m)	340.000	346.780	360.000	380.000	400.000	420.000	440.000	460.000	480.000	481.172

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
B	COUNCIL COMMENTS	G.R	25.06.19
A	CONSTRUCTION ISSUE	G.R	29.04.19

DRAWN: P.CAMILLERI

DESIGNED: L.APAP

APPROVED: G.ROMANCZ

H 1 : 500 @ A1 — 0 5 10 20 30 40

V 1 : 50 — 0 0.5 1 2 3 4

CLIENT: merrifield MAB GPC

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: TEMPORARY CATCH BUND LONGITUDINAL SECTION

ISSUE: CONSTRUCTION

MELWAY REF: 366 F2

PROJECT No: 17030-66

DWG No: RD721

REVISION: 0

CAD FILE: C:\120SYNERGY\DATA\VPMAP02\17030-66_59\04. ENGINEERING\01 CAD\17030-66-RD721.DWG

PLOT DATE: 19/02/2020 3:38:20 PM

DATUM234.0					
DESIGN SURFACE	235.876	236.381 236.118	236.381	236.118	
EXISTING SURFACE	235.876	235.993 236.003	236.071	236.118	
OFFSET	-4.214	-1.500 -1.200	0.000	0.790	

CH 60.000

DATUM234.0					
DESIGN SURFACE	235.985	237.000 237.000	236.600	236.300	
EXISTING SURFACE	235.985	236.105 236.101	236.227	236.300	
OFFSET	-4.545	-1.500 -1.200	0.000	0.898	

CH 40.000

DATUM235.0					
DESIGN SURFACE	237.057	237.248 237.248	236.818	236.818 236.921	
EXISTING SURFACE	237.057	237.093 237.093	236.978	236.944 236.921	
OFFSET	-1.984	-1.500 -1.200	0.000	0.500 0.807	

CH 20.000

DATUM235.0					
DESIGN SURFACE	237.221	237.437 237.437	237.037	237.026	
EXISTING SURFACE	237.221	237.091 237.084	237.030	237.026	
OFFSET	-2.147	-1.500 -1.200	0.000	0.032	

CH 0.000

DATUM234.0					
DESIGN SURFACE	235.700	236.344 236.324	235.944	235.669	
EXISTING SURFACE	235.700	235.679 235.670	235.637	235.669	
OFFSET	-3.632	-1.500 -1.200	0.000	0.825	

CH 100.000

DATUM234.0					
DESIGN SURFACE	235.766	236.442 236.442	236.042	235.789	
EXISTING SURFACE	235.766	235.778 235.788	235.787	235.789	
OFFSET	-3.529	-1.500 -1.200	0.000	0.761	

CH 90.987

DATUM234.0					
DESIGN SURFACE	235.835	236.562 236.562	236.162	235.960	
EXISTING SURFACE	235.835	235.898 235.907	235.942	235.960	
OFFSET	-3.683	-1.500 -1.200	0.000	0.608	

CH 80.000

DATUM235.0					
DESIGN SURFACE	236.782	236.700 236.700	236.300	236.300	236.786
EXISTING SURFACE	236.782	236.771 236.754	236.799	236.805	236.786
OFFSET	-2.247	-2.000 -1.500 -1.200	0.000	0.500	1.960

CH 140.000

DATUM234.0					
DESIGN SURFACE	235.815	236.255 236.255	235.855	235.855 235.961	
EXISTING SURFACE	235.815	235.865 235.878	235.927	235.948 235.961	
OFFSET	-2.821	-1.500 -1.200	0.000	0.500 0.816	

CH 128.000

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	21.08.19
B	COUNCIL COMMENTS	G.R	25.06.19
A	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD722-RD724.DWG
PLOT DATE: 19/02/2020 2:25:22 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

NOTE:
- 100mm TOP SOIL TO BE PLACED ON BUNDS.
- HYDROSEEDING TO COUNCIL STANDARDS TO BE INSTALLED ON BUNDS (TYPICAL)

H 1 : 100 @ A1 — 0 1 2 4 6 8
V 1 : 50 — 0 0.5 1 2 3 4

CLIENT: merrifield MAB gpc

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: TEMPORARY CATCH BUND CROSS SECTIONS - 1

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD722	0

CH 200.000

CH 180.000

CH 160.000

CH 151.307

CH 280.000

CH 260.000

CH 240.000

CH 220.000

CH 340.000

CH 320.000

CH 319.361

CH 300.000

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	21.08.19
B	COUNCIL COMMENTS	G.R	25.06.19
A	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD722-RD724.DWG
PLOT DATE: 19/02/2020 2:26:18 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

NOTE:
- 100mm TOP SOIL TO BE PLACED ON BUNDS.
- HYDROSEEDING TO COUNCIL STANDARDS TO BE INSTALLED ON BUNDS (TYPICAL)

H 1 : 100 @ A1 — 0 1 2 4 6 8
V 1 : 50 — 0 0.5 1 2 3 4

CLIENT: merrifield, MAB, GPC

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: TEMPORARY CATCH BUND CROSS SECTIONS - 2

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD723	0

DATUM235.0											
DESIGN SURFACE		237.723	238.925	238.925	237.725	237.725	237.736				
EXISTING SURFACE		237.723	237.728	237.729	237.734	237.736	237.736				
OFFSET		-2.704	-1.500	-1.200	0.000	0.500	0.536				

CH 400.000

DATUM235.0											
DESIGN SURFACE		237.875	238.271	238.271	237.871	237.871					
EXISTING SURFACE		237.875	237.874	237.874	237.873	237.872					
OFFSET		-2.687	-1.500	-1.200	0.000	0.500					

CH 380.000

DATUM236.0											
DESIGN SURFACE		237.963	238.417	238.417	238.017	237.985					
EXISTING SURFACE		237.963	237.973	237.975	237.985	237.985					
OFFSET		-2.861	-1.500	-1.200	0.000	0.094					

CH 360.000

DATUM236.0											
DESIGN SURFACE		238.164	238.513	238.513	238.113	238.113	238.185				
EXISTING SURFACE		238.164	238.171	238.173	238.181	238.184	238.185				
OFFSET		-2.546	-1.500	-1.200	0.000	0.500	0.716				

CH 346.780

DATUM235.0											
DESIGN SURFACE		237.069	237.541	237.541	237.141	237.091					
EXISTING SURFACE		237.069	237.079	237.081	237.089	237.091					
OFFSET		-2.914	-1.500	-1.200	0.000	0.150					

CH 480.000

DATUM235.0											
DESIGN SURFACE		237.261	237.687	237.687	237.287	237.282					
EXISTING SURFACE		237.261	237.270	237.273	237.282	237.282					
OFFSET		-2.778	-1.500	-1.200	0.000	0.013					

CH 460.000

DATUM235.0											
DESIGN SURFACE		237.476	237.833	237.833	237.433	237.433	237.492				
EXISTING SURFACE		237.476	237.481	237.483	237.489	237.491	237.492				
OFFSET		-2.571	-1.500	-1.200	0.000	0.500	0.679				

CH 440.000

DATUM235.0											
DESIGN SURFACE		237.619	237.979	237.979	237.579	237.629					
EXISTING SURFACE		237.619	237.624	237.625	237.627	237.629					
OFFSET		-2.580	-1.500	-1.200	0.000	0.500	0.652				

CH 420.000

DATUM235.0											
DESIGN SURFACE		237.059	237.532	237.532	237.132	237.080					
EXISTING SURFACE		237.059	237.069	237.071	237.079	237.080					
OFFSET		-2.919	-1.500	-1.200	0.000	0.155					

CH 481.172

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	21.08.19
B	COUNCIL COMMENTS	G.R	25.06.19
A	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19

DRAWN: P.CAMILLERI

DESIGNED: L.APAP

APPROVED: G.ROMANCZ

NOTE:
- 100mm TOP SOIL TO BE PLACED ON BUNDS.
- HYDROSEEDING TO COUNCIL STANDARDS TO BE INSTALLED ON BUNDS (TYPICAL)

H 1 : 100 @ A1 — 0 1 2 4 6 8
V 1 : 50 — 0 0.5 1 2 3 4

CLIENT: merrifield MAB GPC

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: TEMPORARY CATCH BUND CROSS SECTIONS - 3

ISSUE: CONSTRUCTION

MELWAY REF: 366 F2

PROJECT No: 17030-66

DWG No: RD724

REVISION: 0

CAD FILE: C:\120SYNERGY\DATA\VPMAP02\17030-66_59\04. ENGINEERING\01 CAD\17030-66-RD722-RD724.DWG
PLOT DATE: 19/02/2020 2:26:45 PM

FOR CONTINUATION OF PLAN REFER DRAWING RD801

LEGEND

- PROPOSED LINEMARKING
- EXISTING LINEMARKING
- STAGE BOUNDARY
- STREET SIGNS
- TRAFFIC SIGNS
- TEMPORARY 'NO ROAD' SIGN
- BICYCLE LANE
- ROAD REFLECTIVE PAVEMENT MARKERS (RRPMs)
- G15 EMERALD (AS2700 S1996) OR VICROADS APPROVED EQUIVALENT AS PER VICROADS CYCLE NTE No.14 2005)

SIGNAGE SCHEDULE

SIGN	SIGN No
STREET NAME G3-4	1
GIVE WAY R1-2	2
R1-3	3
LANE R7-1-4	4
ONE WAY R2-2(L)	5
NO ROAD	6
NO THROUGH ROAD (MOUNTED ON STREET NAME SIGN POST)	7
WATCH FOR G9-57	8

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
E	COUNCIL COMMENTS	G.R	13.02.20
D	COUNCIL COMMENTS	G.R	21.08.19
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	PRELIMINARY ISSUE	G.R	14.12.18

CAD FILE: C:\12DSYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD800-RD801.DWG
PLOT DATE: 19/02/2020 2:28:15 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 500 @ A1 — 0 5 10 20 30 40

CLIENT: merrifield MAB GPC

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: SIGNAGE AND LINEMARKING PLAN - 1

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD800	0

LEGEND

- PROPOSED LINEMARKING
- EXISTING LINEMARKING
- STAGE BOUNDARY
- STREET SIGNS
- TRAFFIC SIGNS
- TEMPORARY 'NO ROAD' SIGN
- BICYCLE LANE
- ROAD REFLECTIVE PAVEMENT MARKERS (RRPMs)
- G15 EMERALD (AS2700 S1996) OR VICROADS APPROVED EQUIVALENT AS PER VICROADS CYCLE NTE No.14 2005)

SIGNAGE SCHEDULE

SIGN	SIGN No
STREET NAME G3-4	1
GIVE WAY R1-2	2
R1-3	3
LANE R7-1-4	4
ONE WAY R2-2(L)	5
NO ROAD	6
NO THROUGH ROAD (MOUNTED ON STREET NAME SIGN POST)	7

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CAD FILE:
PLOT DATE: 19/02/2020 2:28:55 PM

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	21.08.19
B	COUNCIL COMMENTS	G.R	25.06.19
A	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 500 @ A1 — 0 5 10 20 30 40

CLIENT: merrifield MAB GPC

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: SIGNAGE AND LINEMARKING PLAN - 2

ISSUE: CONSTRUCTION

MELWAY REF:	PROJECT No:	DWG No:	REVISION:
366 F2	17030-66	RD801	0

LEGEND - CAR ALLOCATION PLAN

DENOTES B85 CAR AS PER AS/NZS 2890.1:2004 DESIGNATED FOR LOT

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
D	COUNCIL COMMENTS	G.R	21.08.19
C	COUNCIL COMMENTS	G.R	25.06.19
B	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19
A	PRELIMINARY ISSUE	G.R	14.12.18

CAD FILE: C:\120SYNERGY\DATA\VPMAP02\17030-66_59.04 ENGINEERING\01 CAD\17030-66-RD900-RD901.DWG
PLOT DATE: 19/02/2020 2:37:09 PM

DRAWN: P.CAMILLERI
DESIGNED: L.APAP
APPROVED: G.ROMANCZ

H 1 : 500 @ A1 — 0 5 10 20 30 40

CLIENT: merrifield MAB GPC

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: CAR ALLOCATION PLAN - 1

ISSUE: CONSTRUCTION

MELWAY REF: 366 F2

PROJECT No: 17030-66

DWG No: RD900

REVISION: 0

LEGEND - CAR ALLOCATION PLAN

DENOTES B85 CAR AS PER AS/NZS 2890.1:2004 DESIGNATED FOR LOT

REV	DESCRIPTION	APPROVED	DATE
0	CONSTRUCTION ISSUE	G.R.	19.02.20
C	COUNCIL COMMENTS	G.R	21.08.19
B	COUNCIL COMMENTS	G.R	25.06.19
A	PRELIMINARY ISSUE: DOCUMENTATION OF REVISED STAGE 66	G.R	29.04.19

DRAWN: P.CAMILLERI

DESIGNED: L.APAP

APPROVED: G.ROMANCZ

H 1 : 500 @ A1 — 0 5 10 20 30 40

CLIENT: merrifield MAB GPC

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COUNCIL: HUME CITY COUNCIL

PROJECT: MERRIFIELD LIVING - CITY WEST STAGE 66 MICKLEHAM

TITLE: CAR ALLOCATION PLAN - 2

ISSUE: CONSTRUCTION

MELWAY REF: 366 F2

PROJECT No: 17030-66

DWG No: RD901

REVISION: 0

CAD FILE: C:\120SYNERGY\DATA\VPMAP02\17030-66_59\04 ENGINEERING\01 CAD\17030-66-RD900-RD901.DWG

PLOT DATE: 19/02/2020 2:38:00 PM