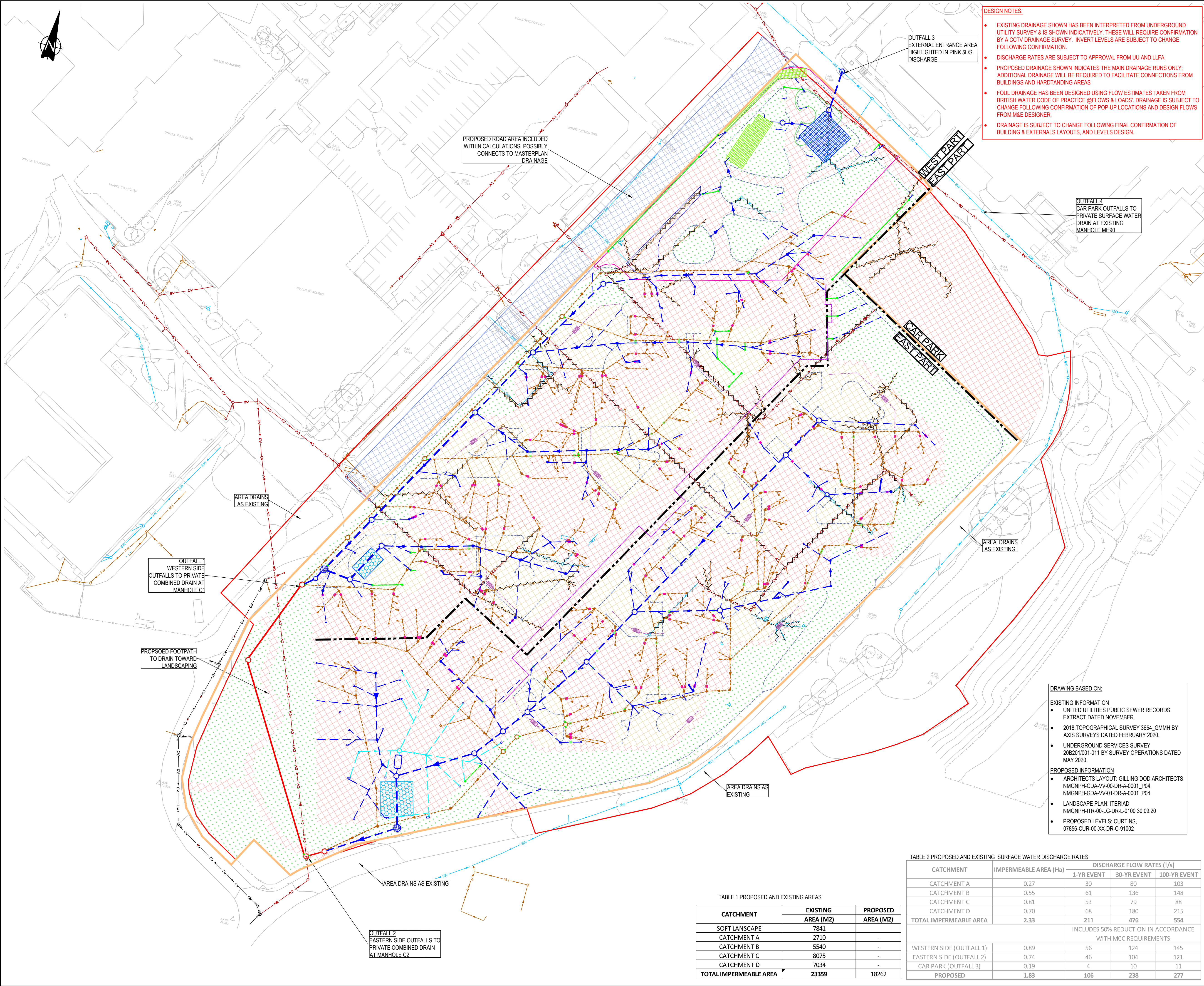




- DESIGN NOTES:
- EXISTING DRAINAGE SHOWN HAS BEEN INTERPRETED FROM UNDERGROUND UTILITY SURVEY & IS SHOWN INDICATIVELY. THESE WILL REQUIRE CONFIRMATION BY A CCTV DRAINAGE SURVEY. INVERT LEVELS ARE SUBJECT TO CHANGE FOLLOWING CONFIRMATION.
 - DISCHARGE RATES ARE SUBJECT TO APPROVAL FROM UU AND LLFA.
 - PROPOSED DRAINAGE SHOWN INDICATES THE MAIN DRAINAGE RUNS ONLY. ADDITIONAL DRAINAGE WILL BE REQUIRED TO FACILITATE CONNECTIONS FROM BUILDINGS AND HARDSTANDING AREAS
 - FOUL DRAINAGE HAS BEEN DESIGNED USING FLOW ESTIMATES TAKEN FROM BRITISH WATER CODE OF PRACTICE @ FLOWS & LOADS. DRAINAGE IS SUBJECT TO CHANGE FOLLOWING CONFIRMATION OF POP-UP LOCATIONS AND DESIGN FLOWS FROM M&E DESIGNER.
 - DRAINAGE IS SUBJECT TO CHANGE FOLLOWING FINAL CONFIRMATION OF BUILDING & EXTERNALS LAYOUTS, AND LEVELS DESIGN.

- GENERAL NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
 - DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
- KEY:
- SITE BOUNDARY (INDICATIVE)
 - PROPOSED IMPERMEABLE AREA: 1.60 Ha
 - PROPOSED GARDEN AREAS: ASSUMED 10% IMPERMEABLE: 0.06 Ha
 - PROPOSED ROAD AREA INCLUDED WITHIN DRAINAGE CALCULATIONS: 0.17 Ha
 - PROPOSED LANDSCAPING AREA: 0.77 Ha
 - EXISTING PUBLIC COMBINED SEWER
 - EXISTING PRIVATE COMBINED DRAINAGE
 - EXISTING PRIVATE SURFACE WATER DRAINAGE
 - EXISTING PRIVATE FOUL DRAINAGE
 - PROPOSED SURFACE WATER DRAINAGE
 - PROPOSED COMBINED DRAINAGE

P07	ISSUED FOR DISCHARGE CONDITIONS	01/06/22	TK	MW
P06	ISSUED FOR PLANNING	02/10/20	ATL	MW
P05	ISSUED FOR PLANNING	16/09/20	ATL	MW
P04	STAGE 2 - SITE LAYOUT UPDATED	07/05/20	MW	MW
P03	LEGEND AMENDED	16/04/20	MW	MW
P02	STAGE 2	15/04/20	MW	MW
P01	ISSUED FOR INFORMATION	30/03/20	OJT	MW
Rev:	Description:	Date:	By:	Chkd:



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Status: **PLANNING**

Project: **NEW PARK HOUSE**

Orig Title: **PROPOSED DRAINAGE CATCHMENTS**

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	30/03/20	OJT	OJT	MW
Scale:	1:500			
Project No:	Originator:	Volume:	Level:	Type:
				Role:
				Category / Number:
				Rev:

NMGNPH-CUR-VV-XX-DR-C - 92001 - P07

TABLE 1 PROPOSED AND EXISTING AREAS

CATCHMENT	EXISTING AREA (M2)	PROPOSED AREA (M2)
SOFT LANDSCAPE	7841	
CATCHMENT A	2710	-
CATCHMENT B	5540	-
CATCHMENT C	8075	-
CATCHMENT D	7034	-
TOTAL IMPERMEABLE AREA	23359	18262

TABLE 2 PROPOSED AND EXISTING SURFACE WATER DISCHARGE RATES

CATCHMENT	IMPERMEABLE AREA (Ha)	DISCHARGE FLOW RATES (l/s)			
		1-YR EVENT	30-YR EVENT	100-YR EVENT	
CATCHMENT A	0.27	30	80	103	
CATCHMENT B	0.55	61	136	148	
CATCHMENT C	0.81	53	79	88	
CATCHMENT D	0.70	68	180	215	
TOTAL IMPERMEABLE AREA	2.33	211	476	554	
INCLUDES 50% REDUCTION IN ACCORDANCE WITH MCC REQUIREMENTS					
WESTERN SIDE (OUTFALL 1)	0.89	56	124	145	
EASTERN SIDE (OUTFALL 2)	0.74	46	104	121	
CAR PARK (OUTFALL 3)	0.19	4	10	11	
PROPOSED	1.83	106	238	277	