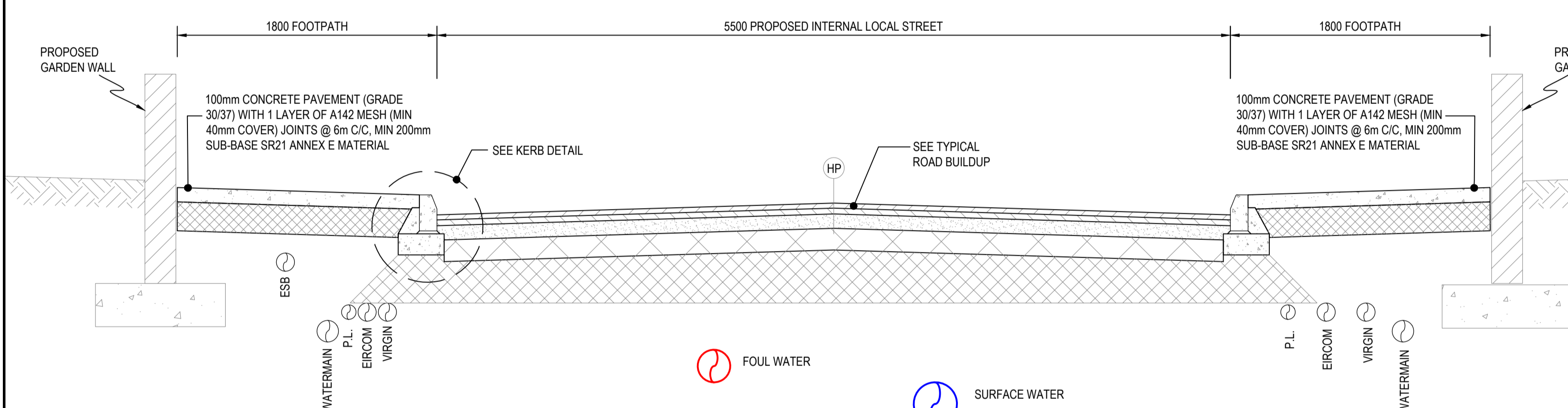
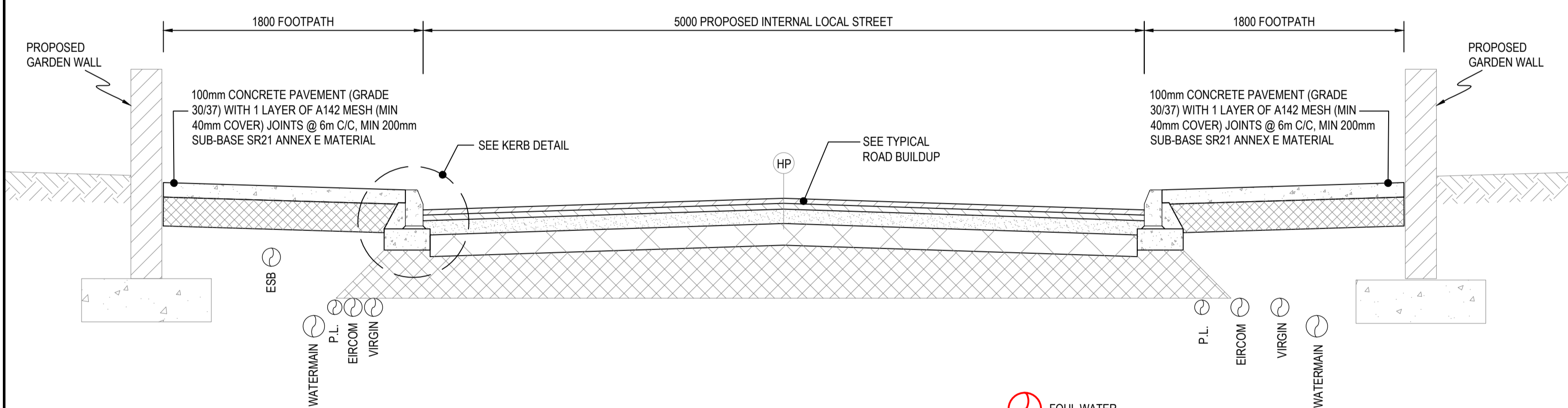


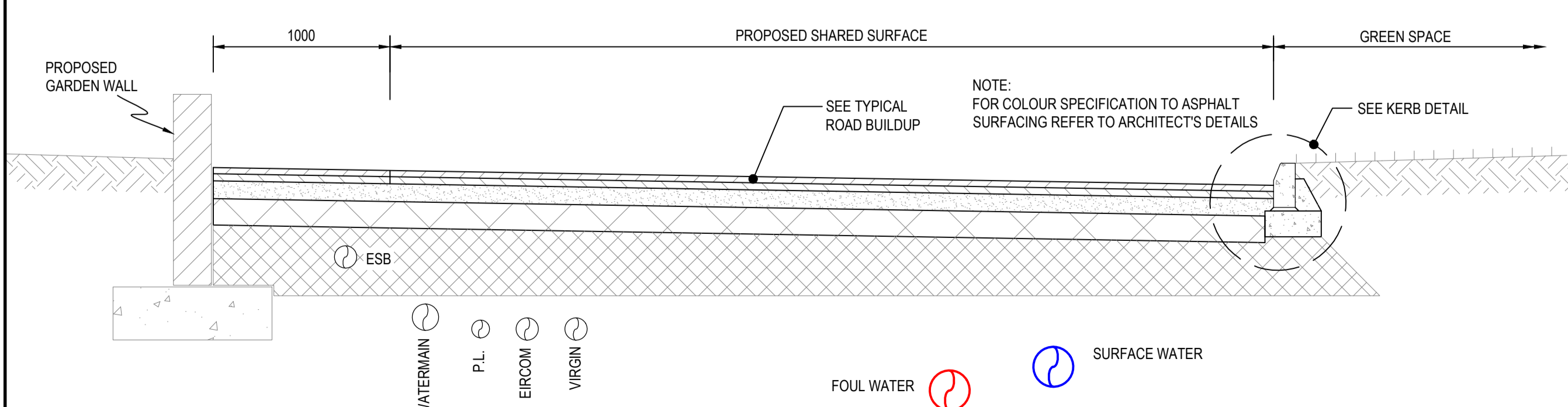
SECTION 1 - TYPE 1 - 6.0m ROAD
SCALE: 1:25



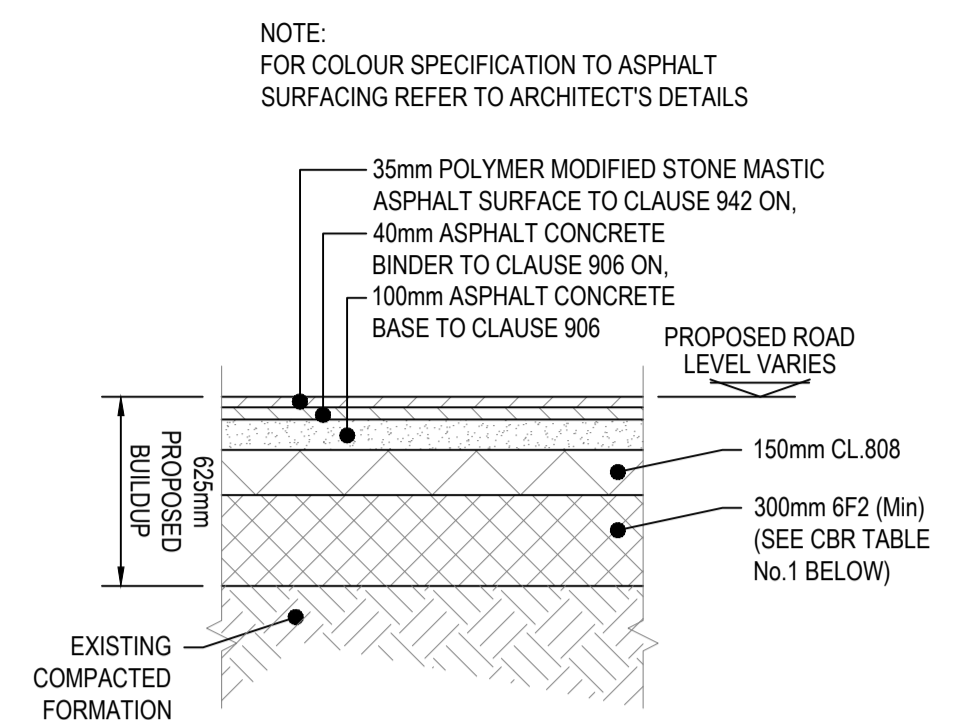
SECTION 2 - TYPE 2 - 5.5m ROAD
SCALE 1:25



SECTION 3.0 - TYPE 3 - 5.0m ROAD
SCALE 1:25



SECTION 3.1 - TYPE 3 - 5.0m SHARED SURFACE
SCALE 1:25



TYPICAL ROAD BUILDUP
SCALE: 1:25

ROAD CONSTRUCTION NOTES:

- CAPPING LAYER MATERIAL SHOULD COMPRISE EITHER CRUSHED ROCK, NATURAL GRAVEL, CRUSHED GRAVEL, OR CRUSHED CONCRETE. THE MATERIAL SHOULD HAVE A MAXIMUM SIZE OF 100MM AND THE MAXIMUM ALLOWABLE PASSING THE 75 MICRON SIEVE SHOULD BE 10%. THE MATERIAL SHOULD BE WELL GRADED THROUGHOUT ALL SIZES. REFER TO TABLE 1 FOR MINIMUM CONSTRUCTION THICKNESS OF CAPPING LAYER.
- THE CONTRACTOR IS TO VERIFY THE CBR VALUES TO DETERMINE THE THICKNESS OF CAPPING LAYER AS DIRECTED BY TABLE 1. SOFT SPOTS TO BE REMOVED AND REPLACED WITH SUITABLE GRANULAR MATERIAL.
- FOR SUB-GRADES WITH A CBR OF LESS THAN 2% THE ENGINEERS ADVICE SHOULD BE SOUGHT ON THE USE OF A GEOTEXTILE SEPARATOR AND THE DEPTH OF CAPPING MATERIAL.
- PROVISIONAL ALLOWANCE TO BE MADE FOR SUBGRADE REINFORCEMENT (GEOTEXTILE OR GEOGRID). EXTENT OF SAME TO BE CONFIRMED BY IN-SITU CBR TESTS PRIOR TO CONSTRUCTION.

TABLE No.1

C.B.R. OF SUB GRADE (%)	MINIMUM THICKNESS OF CAPPING LAYER (mm)
Less than 2	REFER TO NOTE 3
2-5	300
5-15	150
Greater than 15	0

NOTE: ALLOW FOR 4 NO. CBR TESTS TO BE CARRIED OUT IN LOCATIONS SPECIFIED BY THE ENGINEER



KEY PLAN
Scale NTS

LEGEND

- EXISTING ROADWAY
- PROPOSED ROADWAY (DMRA SURFACING)
- PROPOSED 6.0m INTERNAL ROADWAY (TYPE 1)
- PROPOSED 4.0m INTERNAL ROADWAY (TYPE 1)
- PROPOSED 5.5m INTERNAL ROADWAY (TYPE 2)
- PROPOSED 4.0m INTERNAL ROADWAY (TYPE 2)
- PROPOSED 5.0m INTERNAL ROADWAY (TYPE 3)

NOTE: PROPOSED INTERNAL ROADS REDUCED TO 4.0m TO CREATE A HORIZONTAL DEFLECTION TO ENCOURAGE LOWER SPEEDS

PLANNING ISSUE

S2.P01	ISSUED FOR PLANNING	11.12.2018	MF	AL
Rev.	Note	Date	Drawn	Check
		UNIT 5C ELM HOUSE MILLENNIUM PARK NAAS CO. KILDARE		PHONE +353 45 984 042 INFO@DOBRIEN-ENGINEERS.IE WWW.DOBRIEN-ENGINEERS.IE
Client:	O'FLYNN CONSTRUCTION CO. UNLIMITED COMPANY			
Project:	OLDTOWN ROAD, CELBRIDGE			
Drawing Title:	PROPOSED ROAD TYPE G.A. & DETAILS SHT 1 OF 3			
Drawn By:	Checked By:	Approved By:	Date:	Scale:
MF	AL	DOB	NOV' 18	1:25
Project Number:	Drawing Number:	Status Code:	Rev Number:	
DOBA1704	OLDCEL-DOB-00-SI-DR-C-140	S2	P01	