THE DEVELOPER MUST SELF-VET AND CERTIFY THAT THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATIONS FOR THE PROPOSED POTENTIALLY ADOPTABLE SEWERS ARE IN ACCORDANCE WITH THOSE SET OUT IN 'SEWERS FOR ADOPTION 7th EDITION' AND THE REQUIREMENTS OF THE STATUTARY UNDERTAKER – DWR CYMRU WELSH WATER (DCWW).

PIPES LAID TO BEDDING DETAIL TYPE 'B' AS PER THE SPECIFICATION FOR HIGHWAY WORKS USING 'OSMA', 'ULTRARIB', 'MARLEY QUANTUM' OR SIMILAR APPROVED STRUCTURAL WALLED THERMOPLASTIC PIPES MUST CONFORM TO 'SEWERS FOR ADOPTION 7th EDITION' PART 2, SECTION B – SEWER DESIGN.

PIPES GREATER THAN 300mmø TO BE LAID USING CONCRETE PIPES, CLASS M TO BS.5911 : PART 100.

A CONTRACTOR WHO IS ACCREDITED TO THE BRITISH PLASTICS FEDERATION – PLASTIC PIPE GROUP, MUST UNDERTAKE THE INSTALLATION OF STRUCTURED WALL PLASTIC PIPES.

ALL PROPOSED SEWERS THAT ARE TO BE POSITIONED WITHIN THE CARRIAGEWAY MUST BE AT LEAST 1.000m FROM THE KERB LINE (OUTSIDE OF PIPE). THE OUTSIDE OF THE MANHOLE SHOULD BE AT LEAST 0.500m FROM THE KERB LINE.

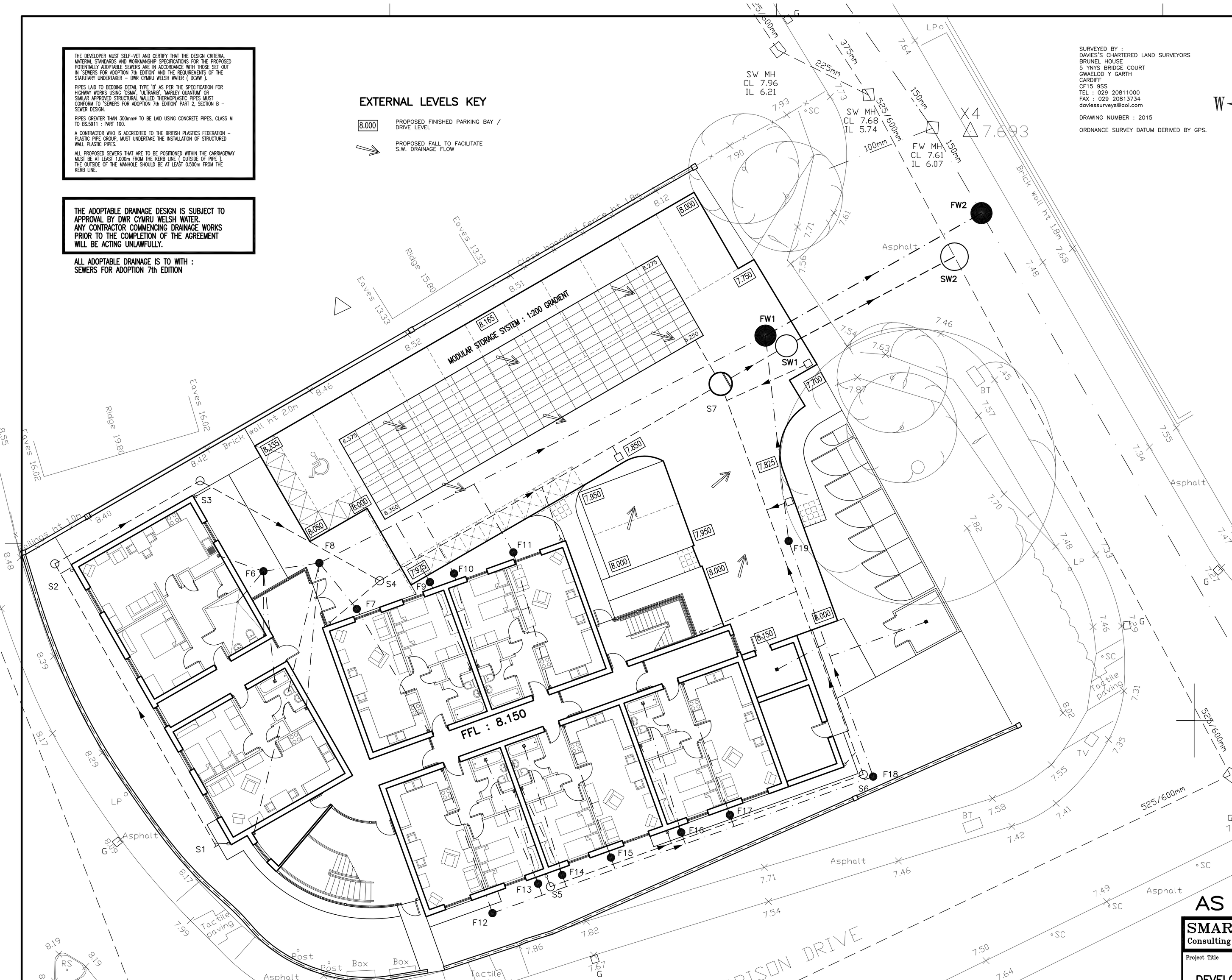
THE ADOPTABLE DRAINAGE DESIGN IS SUBJECT TO APPROVAL BY DWR CYMRU WELSH WATER. ANY CONTRACTOR COMMENCING DRAINAGE WORKS PRIOR TO THE COMPLETION OF THE AGREEMENT WILL BE ACTING UNLAWFULLY.

ALL ADOPTABLE DRAINAGE IS TO WITH : SEWERS FOR ADOPTION 7th EDITION

EXTERNAL LEVELS KEY

8.000 — PROPOSED FINISHED PARKING BAY / DRIVE LEVEL

PROPOSED FALL TO FACILITATE S.W. DRAINAGE FLOW



SURVEYED BY :
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DRAWING NUMBER : 2015

ORDNANCE SURVEY DATUM DERIVED BY GPS.

N W E S

NOTES

1. **This drawing is copyright.**
2. **All dimensions are to be checked prior to construction or manufacture. Any discrepancy to be reported to the Engineers immediately.**
3. **Do not scale this drawing, work to figured dimensions only.**

DRAINAGE KEY

- EXISTING FOUL WATER SEWER AND MANHOLE
- EXISTING SURFACE WATER SEWER AND MANHOLE
- PROPOSED FOUL WATER SEWER AND INSPECTION CHAMBER [DOMESTIC]
- PROPOSED FOUL WATER GULLY [DOMESTIC]
- PROPOSED FOUL WATER SEWER AND INSPECTION CHAMBER [S104]
- PROPOSED RODDING EYE [DOMESTIC]
- PROPOSED SURFACE WATER SEWER AND INSPECTION CHAMBER [DOMESTIC]
- PROPOSED ROAD GULLY [DOMESTIC]
- PROPOSED SURFACE WATER ATTENUATION SYSTEM [DOMESTIC] WAVIN AQUACELL OR EQUIVALENT TO PROVIDE A STORAGE VOLUME OF : 40.0m^3 OVERALL DIMENSIONS = 20.0m x 5.0m x 0.4m DEEP UNIT SIZE = 1.0m x 0.5m x 0.4m DEEP
- PROPOSED HYDROBRAKE CHAMBER [DOMESTIC] DISCHARGE RATE : 5 LITRES/SECOND HEAD : 1.0m
- PROPOSED SURFACE WATER SEWER AND INSPECTION CHAMBER [S104]

NOTES :
1. ALL FOUL WATER SEWERS TO BE 100mmø UNLESS STATED OTHERWISE. REFER TO MANHOLE SCHEDULE.
2. ALL SURFACE WATER SEWERS TO BE 150mmø UNLESS STATED OTHERWISE. REFER TO MANHOLE SCHEDULE.
3. ALL RWP GULLY CONNECTIONS TO BE 100mmø UNLESS STATED OTHERWISE. REFER TO MANHOLE SCHEDULE.

AS BUILT

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Project Title: DEVELOPMENT AT HARRISON DRIVE CARDIFF

Drawing Title: SITE LAYOUT PLAN : DRAINAGE PROPOSALS

Scales	1:100 @ A1
Drawn	ADV
Checked	
Date	10 JAN 2018
Client	ENCON CONSTRUCTION
Architect	DAVIES LLEWELYN AND JONES
Drawing Number	S.7683–02
REV	J

REVISIONS

REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY	REV	DATE	BY
																		J	18 OCT 2019	av	H	12 APR 2019	av	G	15 MAR 2019	av	F	17 DEC 2018	av	E	21 NOV 2018	av	D	12 NOV 2018	av	C	28 SEPT 2018	av	B	14 SEPT 2018	av	A	27 FEB 2018	av
																		AS BUILT ISSUE			SITE PLAN UPDATED IN ACCORDANCE WITH THE ARCHITECT PLAN (99) 001J			SITE PLAN UPDATED IN ACCORDANCE WITH THE ARCHITECT PLAN (99) 001G			SPRINKLER TANK ROOM & BICYCLE STORAGE ROOM REVISED IN ACCORDANCE WITH ARCHITECTS PLAN (99)026			FWS LAYOUT REVISED TO INDICATE ADDITIONAL FUTURE SHOWER GULLIES			FWS LAYOUT REVISED TO CLIENT INSTRUCTION AND PROPOSED LEVELS ADDED			LAYOUT UPDATED TO ARCHITECTS LATEST PLAN (90)004P			S104 SUBMISSION			SW ATTENUATION SIZE ADDED.	