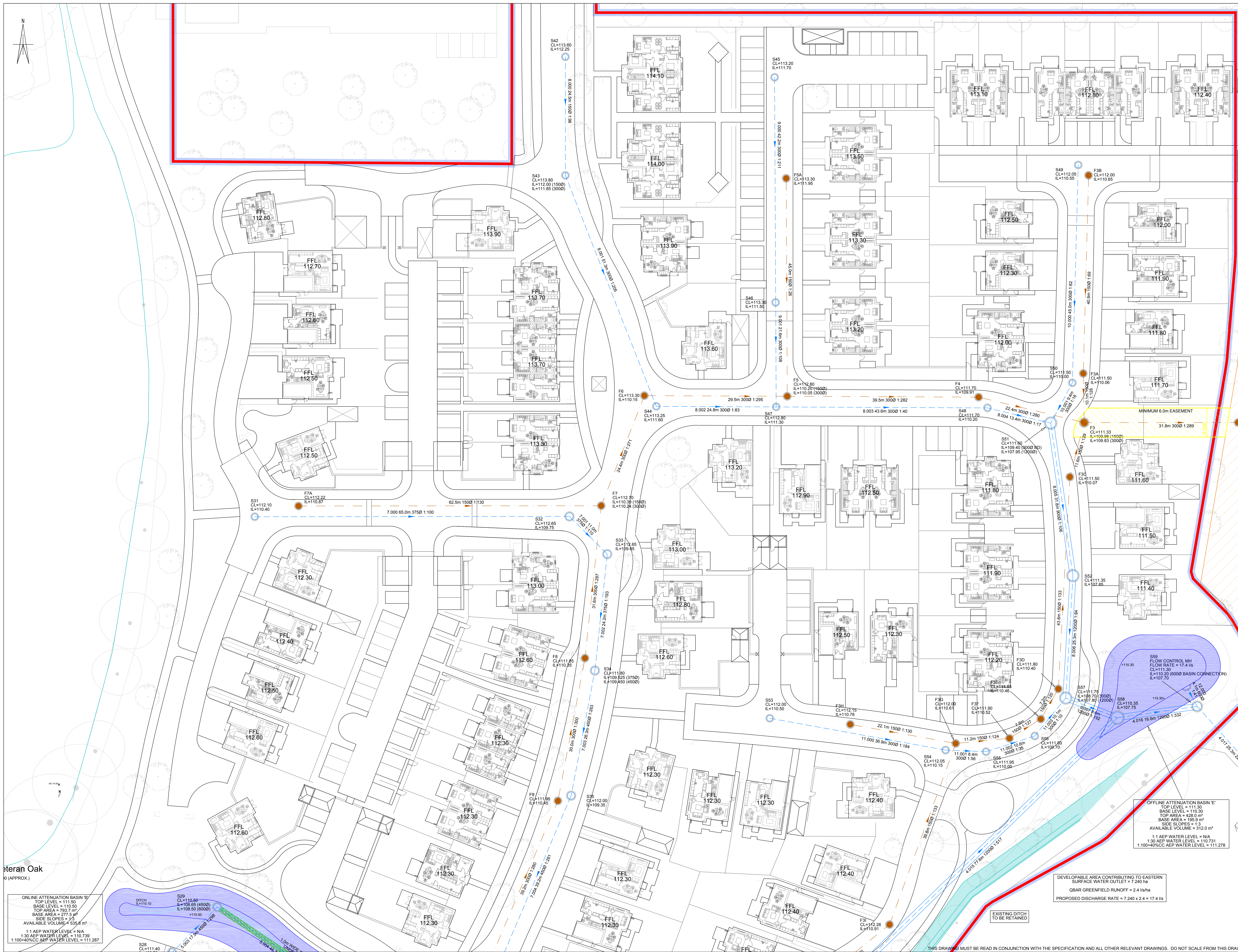




steran Oak
0 (APPROX.)

ONLINE ATTENUATION BASIN 'B'
TOP LEVEL = 111.50
BASE LEVEL = 110.50
TOP AREA = 753.7 m²
BASE AREA = 277.5 m²
SIDE SLOPES = 2:1
AVAILABLE VOLUME = 535.6 m³

1:1 AEP WATER LEVEL = N/A
1:30 AEP WATER LEVEL = 110.730
1:100+40%CC AEP WATER LEVEL = 111.287

NOTES
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT WEETWOOD DRAWINGS.

KEY
— EXISTING PUBLIC COMBINED WATER SEWER
— EXISTING PUBLIC COMBINED WATER RISING MAIN
— EXISTING SURFACE WATER SEWER
— PROPOSED FOUL WATER SEWER
— PROPOSED FOUL WATER RISING MAIN
— PROPOSED SURFACE WATER SEWER
— PROPOSED SURFACE WATER MANHOLE
— EXISTING PUBLIC COMBINED WATER MANHOLE
— PROPOSED SURFACE WATER MANHOLE
— PROPOSED ABANDONED DRAIN
— EXISTING POND OUTLINE
— EXISTING DITCH
— PROPOSED FILTER DRAIN
— PROPOSED ATTENUATION BASIN
— PROPOSED BASIN DITCH
— PROPOSED SEWER EASEMENT
— SERVICE CORRIDOR
— PHASE 1 SITE BOUNDARY
— PHASE 1 & 2 SITE BOUNDARY

PH	18.09.20	INITIAL ISSUE	TB	GW
REV	DATE	DESCRIPTION	DRAWN CHECK	

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Client
PURE RESIDENTIAL & COMMERCIAL LTD

Drawing Status	Date	SEP 2020
PRELIMINARY	Scale (A0)	1:250
Project	Drawn	TB
RUABON WREXHAM	Checked	GW
Project No		4914
Drawing No		104-1
Revision		P1

Title
PROPOSED DRAINAGE LAYOUT 1 OF 5

OFFLINE ATTENUATION BASIN 'E'
TOP LEVEL = 111.30
BASE LEVEL = 110.30
TOP AREA = 428.0 m²
BASE AREA = 195.9 m²
SIDE SLOPES = 1:1
AVAILABLE VOLUME = 312.0 m³

1:1 AEP WATER LEVEL = N/A
1:30 AEP WATER LEVEL = 110.731
1:100+40%CC AEP WATER LEVEL = 111.278

DEVELOPABLE AREA CONTRIBUTING TO EASTERN SURFACE WATER OUTLET = 7.240 ha
QBAR GREENFIELD RUNOFF = 2.4 l/s/ha
PROPOSED DISCHARGE RATE = 7.240 x 2.4 = 17.4 l/s

THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER RELEVANT DRAWINGS. DO NOT SCALE FROM THIS DRAWING.