

XXXmm Ø

XXXmm Ø

XXXmm Ø

SV

H

ScV

AV

NRV

BWM

SWMH

ScV NRV SWMH

LP

HP

10.29

PROPOSED 100Ø HDPE WATERMAIN WITH PIPE SIZE

PROPOSED 150Ø HDPE WATERMAIN WITH PIPE SIZE

EXISTING WATERMAIN WITH PIPE SIZE

PROPOSED SLUICE VALVE

PROPOSED HYDRANT

PROPOSED SCOUR VALVE

PROPOSED AIR VALVE

PROPOSED NON-RETURN VALVE

PROPOSED BULK WATER METER

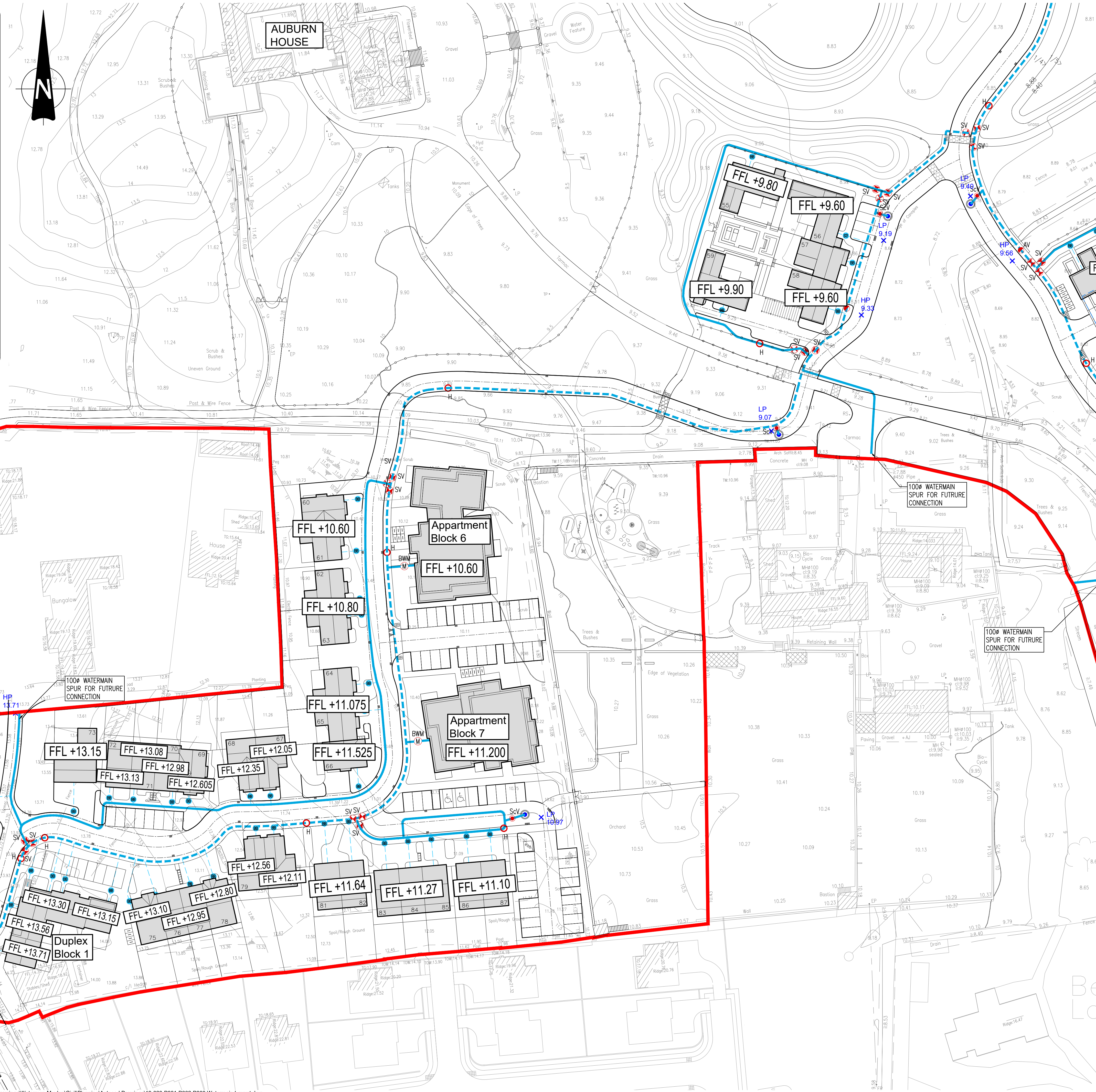
SURFACE WATER MANHOLE

TYPICAL SCHEMATIC CONNECTION OF OFFLINE SCOUR VALVE

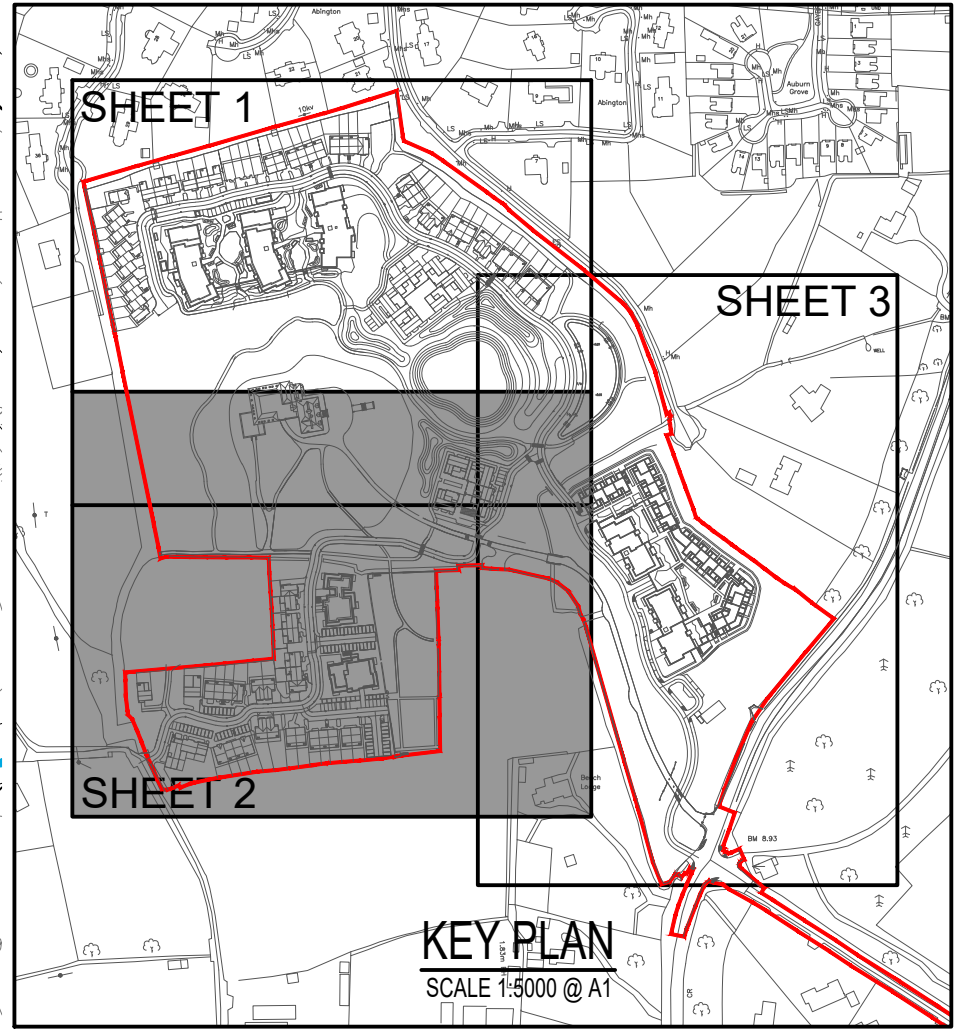
PROPOSED BOUNDARY BOX AND CONNECTION

ROAD LOW POINT

ROAD HIGH POINT



- NOTES:
1. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.
 3. ALL PIPE MATERIALS SHALL BE IN ACCORDANCE WITH SECTION 3.9 OF THE IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE. WATERMAINS SHALL BE EITHER DUCTILE IRON (DI) OR POLYETHYLENE (PE), WITH PE80 OR PE100 RATING (MDPE, HDPEOR HPPE). ALL PLASTIC WATER PIPES SHALL BE BLUE IN COLOUR.
 4. ALL SERVICE CONNECTIONS TO BE 25Ø HDPE(SDR-17).
 5. ALL WATERMAINS UNDER ROADS OR AT ROAD CROSSINGS TO BE HDPE OR DUCTILE IRON.
 6. HDPE DISTRIBUTION PIPES TO BE PE-100(SDR-17).
 7. DUCTILE IRON PIPES TO IS EN 545 WITH C40 POWER RATING.
 8. AIR VALVE AND HYDRANTS COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH, 200mm ALL ROUND AND 100mm DEEP FORMED WITH C20/25 CONCRETE, 20mm AGGREGATE SIZE, BEDDED IN CLAUSE 804 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCED LINKS AND SHALL HAVE BULL-NOSE FINISH AROUND ITS EXTERNAL PERIMETER.
 9. THRUST BLOCKS SHALL BE PROVIDED AT EACH BEND ALONG THE COURSE OF THE WATERMAIN.
 10. PLANTING ADJACENT TO WATER INFRASTRUCTURE SHALL COMPLY WITH IRISH WATER STANDARD DETAIL STD-W-12A.
 11. HORIZONTAL AND VERTICAL SERVICE LAYOUT DISTANCES SHALL BE AS PER IRISH WATER STANDARD DETAIL STD-W-11.
 12. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL WORKS ARE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS. THE CODE OF PRACTICE AND STANDARD DETAILS ARE AVAILABLE TO DOWNLOAD FROM THE IRISH WATER WEB SITE AT WWW.WATER.IE/CONNECTIONS/DEVELOPER-SERVICES/ WHERE THE DETAILS CONTAINED ON THIS DRAWING DIFFER FROM THE IRISH WATER CODE OF PRACTICE OR STANDARD DETAILS THIS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. IRISH WATER STANDARDS WILL TAKE PRECEDENCE.



1:500 0 10.0 20.0 30.0 40.0 50.0m			
1:1 0 10 20 30 40 50 60 70 80 90 100			
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B	07/22	REVISED FOR NEW PLANNING APPLICATION	PJD MD
A	07/21	REVISED FOR FINAL SUBMISSION	PJD MD
REV.	DATE	AMENDMENT	DRN APPD

STATUS **PLANNING**

Waterman Moylan

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CLIENT KINWEST LTD.		ARCHITECT CONROY CROWE KELLY ARCHITECTS	
PROJECT AUBURN SHD 2		TITLE WATERMAIN LAYOUT SHEET 2 OF 3	
DRAWN PJD	DESIGNED MD	APPROVED MD	DATE APR '20
SCALE 1:500 @ A1	JOB NO 19-020	DRG. NO. P302	REVISION B

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