

NOTE:
AIR VALVE AND HYDRANTS COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE
SURROUNDED BY A CONCRETE PLINTH IN COMPLIANCE WITH SECTION 3.18 OF IRISH
WATER, 'WATER SUPPLY INFRASTRUCTURE CODE OF PRACTICE'

NOTE:
ENSURE DEPTH OF COVER TO WATERMAIN CROWN IS ACHIEVED IN COMPLIANCE WITH
SECTION 3.11 OF IRISH WATER, 'WATER SUPPLY INFRASTRUCTURE CODE OF PRACTICE'

This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.
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wholly or in part without the consent in writing of
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EXISTING WATERMAIN

PROPOSED Ø200mm HDPE (ID) WATERMAIN

PROPOSED Ø150mm HDPE (ID) WATERMAIN

PROPOSED Ø100mm HDPE (ID) WATERMAIN

PROPOSED Ø80mm HDPE (ID) WATERMAIN

PROPOSED Ø20mm HDPE (ID) HOUSE CONNECTION – KELLAND

PROPOSED BOUNDARY BOX IN HOMEZONE AREA. GRADE B COVER FOR TRAFFICKED AREAS. 200mm CONCRETE PLINTH AROUND THE COVER. 150mm CONCRETE SURROUND TO SIDES AND BASE.

PROPOSED SLUICE VALVE

PROPOSED SCOUR VALVE AND DISCHARGE CHAMBER

PROPOSED HYDRANT / OFF-LINE HYDRANT

PROPOSED AIR VALVE

PROPOSED BULK WATER METER AND SLUICE VALVE ARRANGEMENT

PROPOSED FIRE HYDRANT 46m COVERAGE

PROPOSED ROAD LEVELS, CHAINAGE AND GRADIENT

PROPOSED FINISHED FLOOR LEVEL

Existing Planning Permission (Reg. Ref. 24/325) except for: Ancillary site development works proposed in this case include adjustments to the permitted site levels, including road levels, drainage and water main levels and finished floor levels across remaining portions of the overall permitted lands (c. 6.5 Ha), including the Revised Phase 2 lands to tie into the amended Revised Phase 1.

Ancillary site development works proposed in this case include adjustments to the permitted site levels, including road levels, drainage and water main levels and finished floor levels across remaining portions of the overall permitted lands (c. 7.3 Ha), including the Revised Phase 2 lands to tie into the amended Revised Phase 1.

Existing Planning Permission (Reg. Ref. 24/325) except for:
Ancillary site development works proposed in this case include
adjustments to the permitted site levels, including road levels,
drainage and water main levels and finished floor levels across
remaining portions of the overall permitted lands (c. 6.5 Ha),
including the Revised Phase 2 lands to tie into the amended
Revised Phase 1.

Object of this application, except for:

• Ancillary site development works proposed in this case include adjustments to the permitted site levels, including road levels, drainage and water main levels and finished floor levels across remaining portions of the overall permitted lands (c. 7.3Ha), including the Revised Phase 2 lands to be into the permitted Revised Phase 1.

Existing Planning Permission Ref. No. 21/15 SV (C)
subject of this application, except for:
Ancillary development works proposed in this case include:
adjustments to the permitted site levels, including road levels,
drainage and water main levels and finished floor levels across
remaining portions of the overall permitted lands (c. 7.3Ha).

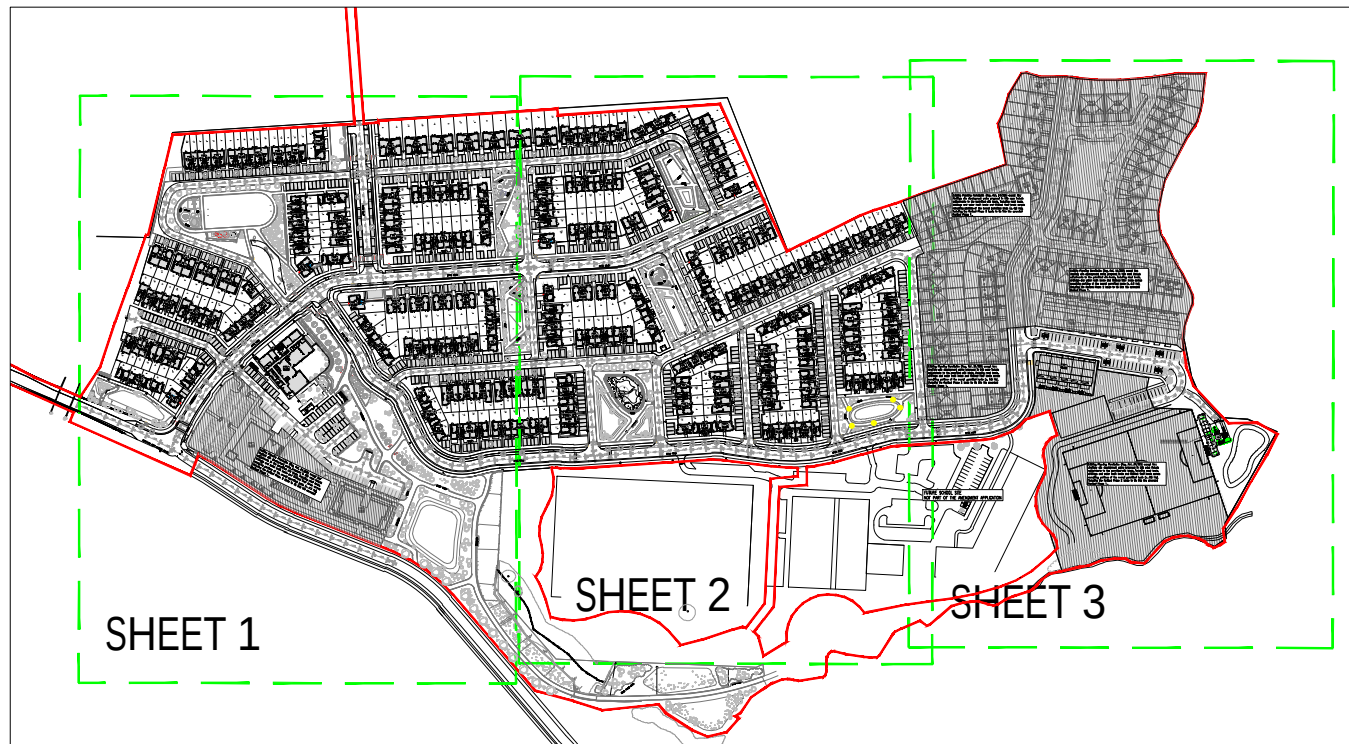
Existing Planning Permission (Reg. Ref. 24/325) except for:
Ancillary site development works proposed in this case include
adjustments to the permitted site levels, including road levels,
drainage and water main levels and finished floor levels across
remaining portions of the overall permitted lands (c. 6.5 Ha),
including the Revised Phase 2 lands to tie into the amended
Revised Phase

Existing Planning Permission (Reg. Ref. 24/325) except for: Ancillary site development works proposed in this case include adjustments to the permitted site levels, including road levels, drainage and water main levels and finished floor levels across remaining portions of the overall permitted lands (c. 6.5 Ha), including the Revised Phase 2 lands to tie into the amended Revised Phase 1.

FUTURE SCHOOL SITE
NOT PART OF THE AMENDMENT APPLICATION

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. WATERMANS 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 250 HDPE(SDR=17).
5. ALL WATERMANS 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 BE 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, 200mm 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 WEBSITE AT WWW.IRISHWATERCONNECTIONS/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.



KEY

SCALE 1:5000

-	23/10/2026	ISSUED FOR PLANNING				MS	IW
Rev	Date	Description				By	Chk
Amendments							
Project MIXED USE DEVELOPMENT AT TINAHASK UPPER, MONEY BIG & MONEY LITTLE, ARKLOW, Co. WICKLOW							
Title PROPOSED WATERMAIN LAYOUT SHEET 3 OF 3							
Client CASTLETHORN							
							
BLOCK 5, EASTPOINT BUSINESS PARK, ALFIE BYRNE ROAD, DUBLIN D03 H3F4 IRELAND. Tel: (01) 664 8900 Email: info@waterman-moylan.ie www.waterman-moylan.ie							
Status PLANNING							
Designed By		NM	Approved		IW	Watermain Ref	
						26-035	
Drawn By		MS	Date		OCT, 2026	Scales @ A1	
						1:500	
Project	Originator	Volume	Level	Type	Role	Number	Revision
ARK - WAT - ZZ - XX - DR - P - 0303							-