



NEW 225d OVERFLOW FOLL SWER  
 @ 150 FALL

PUMPING STATION IN ACCORDANCE  
 WITH IRISH WATER RECOMMENDATIONS

12.5m x 14.5m x 2.75m DEEP  
 FOLL UNDER GROUND OVERFLOW TANK  
 FOLL PROVIDED 300mm  
 BSC LEVEL = 105.4m AOD

2.0m x 1.2m x 1.8m HIGH PUMPING STATION  
 KOSK ON 2.5m x 1.5m x 0.15m HIGH  
 CONCRETE PLANT, EXACT SIZE & LOCATION IS  
 SUBJECT TO DETAIL DESIGN BY IRISH WATER.  
 SEE DRAWINGS D1636-D18 FOR DETAILS OF KOSK

NEW MANHOLE ON EXISTING  
 PUBLIC FOLL SEWER LINE  
 CI 109.08

225mm Ø GRANITE SIZES TO  
 EXISTING 75mm MANHOLE WITH  
 NON-RETURN VALVE  
 CI 109.97

NOTE:  
 THIS PROPOSED TO PROVIDE AN UNDERGROUND CONCRETE FOLL STORAGE TANK (VOL. 50m<sup>3</sup>)  
 IN THE LOCATION INDICATED ON DRAWING D1636-D1000. THIS SCHEDULE WAS PROPOSED BY  
 IRISH WATER IN CONSULTATION WITH KAVANAGH BURKE CONSULTING ENGINEERS TO PROVIDE  
 OVERFLOW STORAGE TO REDUCE THE VOLUME CONTRIBUTING TO THE TREATMENT PLANT CAUSED  
 BY SURFACE WATER ENTERING THE FOLL SYSTEM DURING EXTREME STORM EVENTS. ONCE THE  
 STORM EVENT HAS PASSED THE TANK WILL BE PUMPED OUT INTO THE NETWORK THUS  
 PREVENTING OVERLOAD OF THE TREATMENT PLANT. THIS TANK WILL ASSIST IN REDUCING  
 THE TOTAL VOLUME OF EFFLUENT DISCHARGING TO THE FOLL TREATMENT PLANT FROM THE  
 IMMEDIATE VICINITY AND PROVIDE FOR FOLL STORAGE CAPACITY FOR PROPOSED DEVELOPMENT  
 AT SECTOR 3 AIKENS VILLAGE. THE LAYOUT IS SUBJECT TO CHANGE FOLLOWING DETAILED  
 DESIGN BY IRISH WATER.

NOTE:  
 SEE KAVANAGH BURKE DRAWING D1636-D18 FOR  
 ADDITIONAL DETAILS ON THE TANK AND KOSK

Project No.	D1636
Client	SHD PLANNING ISSUE
Scale	As Shown
Revision	

Project Client  
**SECTOR 3, AIKENS VILLAGE,  
 STEPPASIDE,  
 DUBLIN 18,**  
**FERRERA ARCHITECTS**

Drawing Status  
**PROPOSED NEW IRISH  
 WATER UNDERGROUND  
 FOLL OVERFLOW TANK**  
**SHD PLANNING ISSUE**

Scale	1:1000 @ A1	Date	26-03-20
Scale	D1636	Scale	D1000
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