



HOUSE DRAINAGE SHOWN INDICATIVELY,
REFER TO DWG. 1642-110 TO TYPICAL LAYOUTS

- NOTES:-**
1. Read in conjunction with all relevant Architect's and Engineer's drawings.
 2. Do not cut out from this drawing. Setting out to be done from Architect's drawings.
 3. Manhole and road gully details to comply with Greater Dublin Regional Code of practice for Drainage Works.
 4. All pipes up to and including 150mm to be Wavin Tritec laid in accordance with IAS building products certification. Minimum fall 1/80 UNO. House drains to be laid a minimum of 5m from rear of house, UNO.
 5. All pipes 225mm and over to be S&S concrete with rubber rings, laid on a 150mm concrete bed and haunched or surmounted.
 6. Where cover to pipes is less than 1.2m in roads, 1.0m in public areas and 0.8m in grassed/landscaped areas, surround the pipe up to 150mm with 100mm concrete and larger pipes with 150mm Concrete.
 7. Back-fill trenches in roads to Detail.
 8. Adjust foundation depths, as necessary, adjacent to sewers to avoid undermining of the foundations.
 9. Manhole covers and frames shall comply with the LA standard pattern with min opening of 600mm & with closed keyways, all Manholes covers to comply with IS EN 124:1994, Group 4 (min. class D400) manholes in all trafficked areas. Minimum Group 2 (min. class B125) to be used in footways, pedestrian areas and comparable areas. Class D400 should be used in footpaths where heavy vehicles have the potential to access or mount footpaths and these covers should be free of trip hazards, removable parts and be lockable, an example of suitable cover type is a Cavanagh Brozno, supplied by Cavanagh Foundry Ltd. Group 1 (min. class A15) may be used in enclosed private gardens only.
 10. Manholes on house drains to be in private property. House drains shall not pass through property they do not serve.
 11. Double gullies, with separate connections to main, to be provided at low points and at the ends of Cul ds Sacs. Maximum run of pipe 15m. Minimum pipe diameter 150mm. Maximum gully spacing for roads up to 7m wide to be 50m UNO.
 12. All Road gullies to be closed in the direction of traffic flow.
 13. All Gully tops shall comply with the LA standard, Group 3 (min. class C250) where gully are located in the kerbside channels of roads which when measured from the kerb, extend a maximum of 0.5m into the carriageway and a maximum of 0.2m into the footway. Group 4 (min Class D400) to be used elsewhere. All gully covers to comply with IS EN 124:1994
 14. Record drawings of the as constructed work shall be made available to POGA at the end of the project.
 15. All connections to existing public services must be determined by the main contractor prior to any construction on site. All existing invert levels to be confirmed to the engineers and all discrepancies notified to Pat O'Gorman & Associates before any construction commences.
 16. No ponding is acceptable. All levels to be dish to gullies.

DRAINAGE LEGEND

	PROPOSED SURFACE WATER SEWER
	EXISTING SURFACE WATER SEWER
	EXISTING 9000 SURFACE WATER CULVERT
	PROPOSED 9000 SURFACE WATER CULVERT
	PROPOSED FOUL WATER SEWER
	EXISTING FOUL WATER SEWER
	EXISTING ROAD GULLY
	INSPECTION CHAMBER / ACCESS JUNCTION
	HOUSE DRAINAGE Ø100 PIPES AT 1:80

REV.	DATE	DESCRIPTION	BY

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PROJECT
 PROSPEROUS HOUSING

DRAWING TITLE
 FOUL & SURFACE WATER DRAINAGE

ARCHITECT		STAGE	
MCORM		PART 8	
DATE	CHECKED	DRAWN	SCALES
FEB 2017	PM	NM	AS SHOWN
DWG NO.			REV.
1642-101			0

SITE PLAN
 SCALE 1:200