

NOTES :

EXISTING POND

1. PROGRAMMING OF WORKS WITHIN 50m OF POND TO BE AGREED IN ADVANCE WITH PROJECT ECOLOGIST

IMPERMEABLE PAVED AREAS

1. ALLOW FOR 1 GULLY PER 100m² OF PAVED AREAS
2. ALLOW FOR DN150 CONNECTOR PIPES FROM GULLY TO NEAREST MANHOLE OR SURFACE WATER SEWER
3. MAX LENGTH OF CONNECTOR PIPE = 15m
4. ALL CONNECTIONS TO SURFACE WATER SEWER TO BE MADE WITH PROPRIETARY FITTING

PERMEABLE PAVED AREAS, RAIN GARDENS & SWALES

1. ALL PERMEABLE PAVING AND RAIN GARDENS WILL REQUIRE A 150mm DIAMETER FILTER DRAIN THAT WILL CONNECT TO ADJACENT SURFACE WATER DRAINAGE
2. FILTER DRAINS FOR PERMEABLE PAVING AND SWALES OMITTED FOR CLARITY

FOUL SEWERS

1. ALL FOUL MAIN RUN WORKS TO COMPLY WITH IRISH WATER REQUIREMENTS

ALL SURFACE WATER DRAINAGE IN PUBLIC AREAS TO BE TAKEN IN CHARGE BY DLRC

FOUL DRAINAGE TO BE PROVIDED FROM GATE HOUSE AND DISCHARGING TO F6-0

MANHOLE S1-8 (HB) INLET TO BE FITTED WITH PENSTOCK & OUTLET TO BE FITTED WITH HYDROBRAKE TO LIMIT FORWARD FLOW TO 22 L/Sec. (BYPASS DOOR OF HYDROBRAKE NOT TO BE PROVIDED)

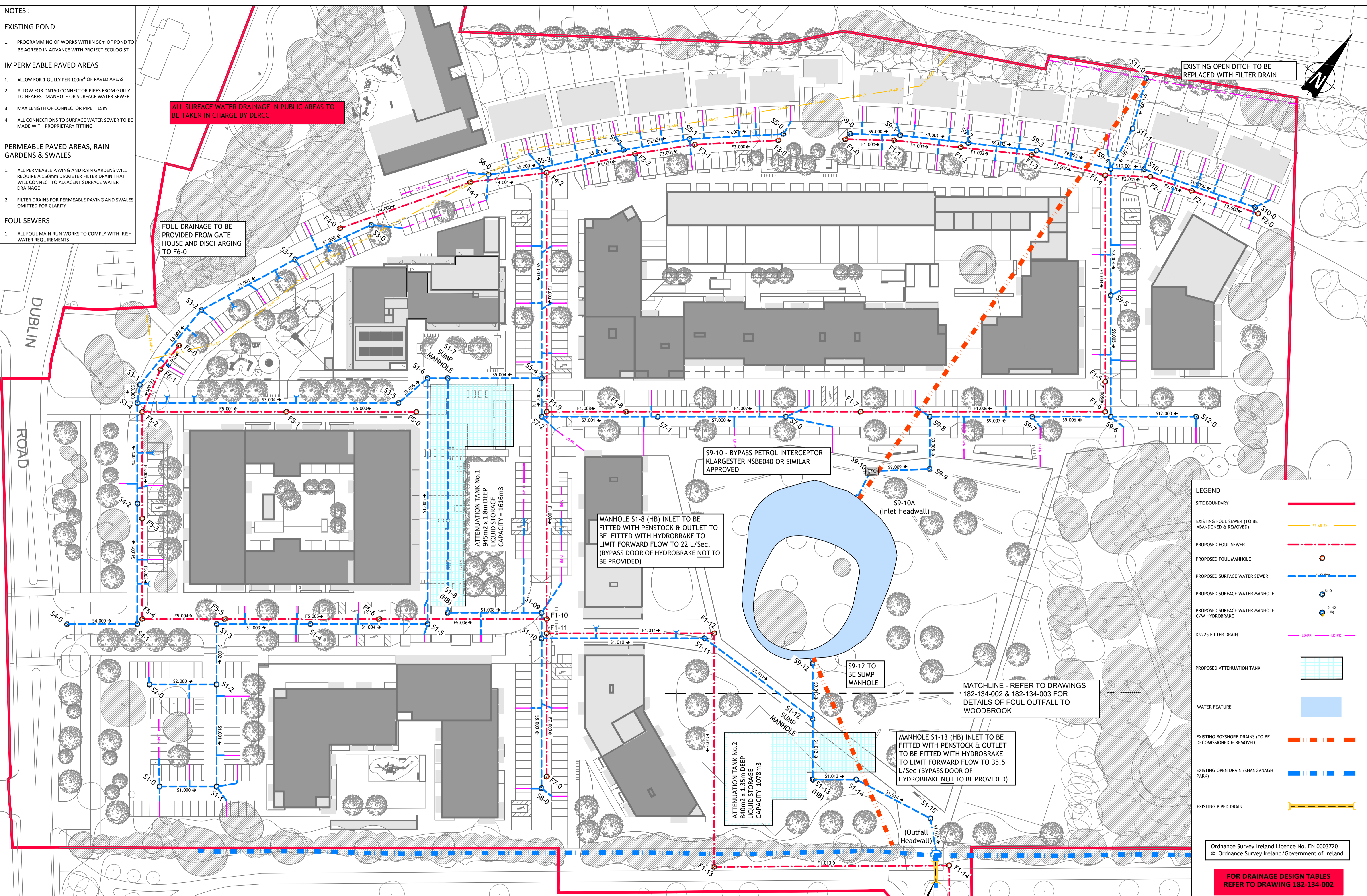
S9-10 - BYPASS PETROL INTERCEPTOR KLARGESTER NSBE040 OR SIMILAR APPROVED

S9-12 TO BE SUMP MANHOLE

MATCHLINE - REFER TO DRAWINGS 182-134-002 & 182-134-003 FOR DETAILS OF FOUL OUTFALL TO WOODBROOK

MANHOLE S1-13 (HB) INLET TO BE FITTED WITH PENSTOCK & OUTLET TO BE FITTED WITH HYDROBRAKE TO LIMIT FORWARD FLOW TO 35.5 L/Sec (BYPASS DOOR OF HYDROBRAKE NOT TO BE PROVIDED)

EXISTING OPEN DITCH TO BE REPLACED WITH FILTER DRAIN



LEGEND

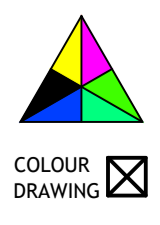
- SITE BOUNDARY: Solid red line
- EXISTING FOUL SEWER (TO BE ABANDONED & REMOVED): Dashed yellow line (FS-AB-EX)
- PROPOSED FOUL SEWER: Dashed red line
- PROPOSED FOUL MANHOLE: Circle with 'F' and number
- PROPOSED SURFACE WATER SEWER: Dashed blue line
- PROPOSED SURFACE WATER MANHOLE: Circle with 'S' and number
- PROPOSED SURFACE WATER MANHOLE C/W HYDROBRAKE: Circle with 'S' and number (HB)
- DN225 FILTER DRAIN: Dashed pink line (LD-PR)
- PROPOSED ATTENUATION TANK: Blue hatched rectangle
- WATER FEATURE: Light blue area
- EXISTING BOXSHORE DRAINS (TO BE DECOMMISSIONED & REMOVED): Dashed orange line
- EXISTING OPEN DRAIN (SHANGANAGH PARK): Dashed blue line
- EXISTING PIPED DRAIN: Dashed yellow line

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FOR DRAINAGE DESIGN TABLES
REFER TO DRAWING 182-134-002

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Drawn By: P.J. Mulcahy
Date Issued: 2020-01-15
Issued By: P.J. Mulcahy



Rev	Amendment	By	Date
PR1	REVISED LANDSCAPING & SITE LAYOUT	PJM	2019-11-20
PR2	REVISED LANDSCAPING & SITE LAYOUT	PJM	2019-12-04
PR3	REVISED SITE LAYOUT, NOTES ADDED	PJM	2019-12-17
PL0	ISSUED FOR PLANNING	PJM	2020-01-15

Client: **dlr**
Comhairle Contae Cúige

Job: RESIDENTIAL DEVELOPMENT SHANGANAGH CASTLE
Title: PROPOSED DRAINAGE LAYOUT - SHEET 1

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Engineer Check: Mark Richardson
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