

NOTES:-

- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING. DIMENSIONS TO BE CHECKED ON SITE.
 - THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL & ENGINEERING DRAWINGS & ALL OTHER RELEVANT DRAWINGS & SPECIFICATIONS
 - ALL LEVELS RELATE TO A DATUM OF 00.00m TAKEN AT EXISTING ENTRANCE WITH EXCEPTION OF THE FOUL SEWER LEVELS WHICH ARE TO MAIN HEAD
- DRAINAGE NOTES:**
- SPIGOT SOCKET CONNECTION TO BE USED AT PVC-A/DUCTILE IRON JUNCTIONS.
 - WATERMAIN TO BE MDPE-PE 80. COVER TO WATERMAIN TO BE 900mm.
 - ALL FOUL SEWERS TO BE 150mm ϕ MIN CONCRETE OR PVC-U. ALL SURFACE WATER SEWERS TO BE 225mm ϕ MINIMUM CLASS II. ALL CONNECTING SEWERS TO LOCAL AUTHORITY'S DRAINS TO BE 225mm ϕ .
 - ALL WORKS SHALL BE CARRIED OUT STRICTLY IN ACCORDANCE WITH THE RECOMMENDATIONS & CONDITIONS ISSUED BY LOCAL AUTHORITY
 - THE DEVELOPMENT SHALL BE CONNECTED TO THE PUBLIC SEWER TO THE SATISFACTION OF THE LOCAL AUTHORITY. THE MINIMUM COVER TO ANY SEWER PIPE SHALL BE 1.2m IN ROADS AND 0.9m IN OPEN SPACES AND FOOTPATHS NOT ADJACENT TO CARRIAGEWAYS. WHERE IT IS NOT POSSIBLE TO ACHIEVE THESE MINIMUM COVERS, PIPES SHALL BE BEDDED AND SURROUNDED IN CONCRETE 150mm THICK.
 - ALL MANHOLE COVERS AND FRAMES SHALL BE HEAVY DUTY GRADE A TO BS 457 & TO COMPLY WITH LOCAL AUTHORITY'S REQUIREMENTS
 - THE SEWERS AND MANHOLES SHALL BE LAID AND TESTED IN ACCORDANCE WITH THE LOCAL AUTHORITY'S AND IRISH WATER GUIDELINES SPECIFICATIONS. LAYING, BEDDING AND BACK FILLING OF SEWERS SHALL BE IN ACCORDANCE WITH DFK SPECIFICATIONS & DRAWINGS
 - ALL SERVICES TRENCHES IN ROADS SHALL BE BACK FILLED AND PROPERLY COMPACTED WITH GRANULAR MATERIAL AS PER DFK TYPICAL DETAILS.
 - ALL GULLIES AND MANHOLES LOCATED IN THE PUBLIC ROAD SHALL BE LOCKING TYPE.
 - DOUBLE GULLIES TO BE PROVIDED AT ALL ROAD SAG CURVES AND CUL-DE-SACS WHERE INDICATED. SEPARATE CONNECTIONS SHALL BE PROVIDED FOR EACH GULLY. NO GULLY SHALL BE MORE THAN 10m FROM A SURFACE WATER CONNECTION.
 - IN ANY INSTANCES WHERE 1200 COVER TO SEWER IS NOT ACHIEVED, THE PIPE SHOULD BE SURROUNDED IN 150mm CONCRETE
 - ANCHOR BLOCKS TO BE POSITIONED AT DEAD ENDS, TEES, BENDS AT EACH SIDE OF HYDRANTS AND VALVES. HYDRANT OUTLETS TO BE 200mm BELOW GROUND LEVEL UNLESS REQUESTED OTHERWISE.

Rev.	Date	Drawn By	Checked By	Revision
A	20.12.21	SG	SG	Drainage updated for FI response

Status
PLANNING

Client
TERESA & CIARA BUTLER

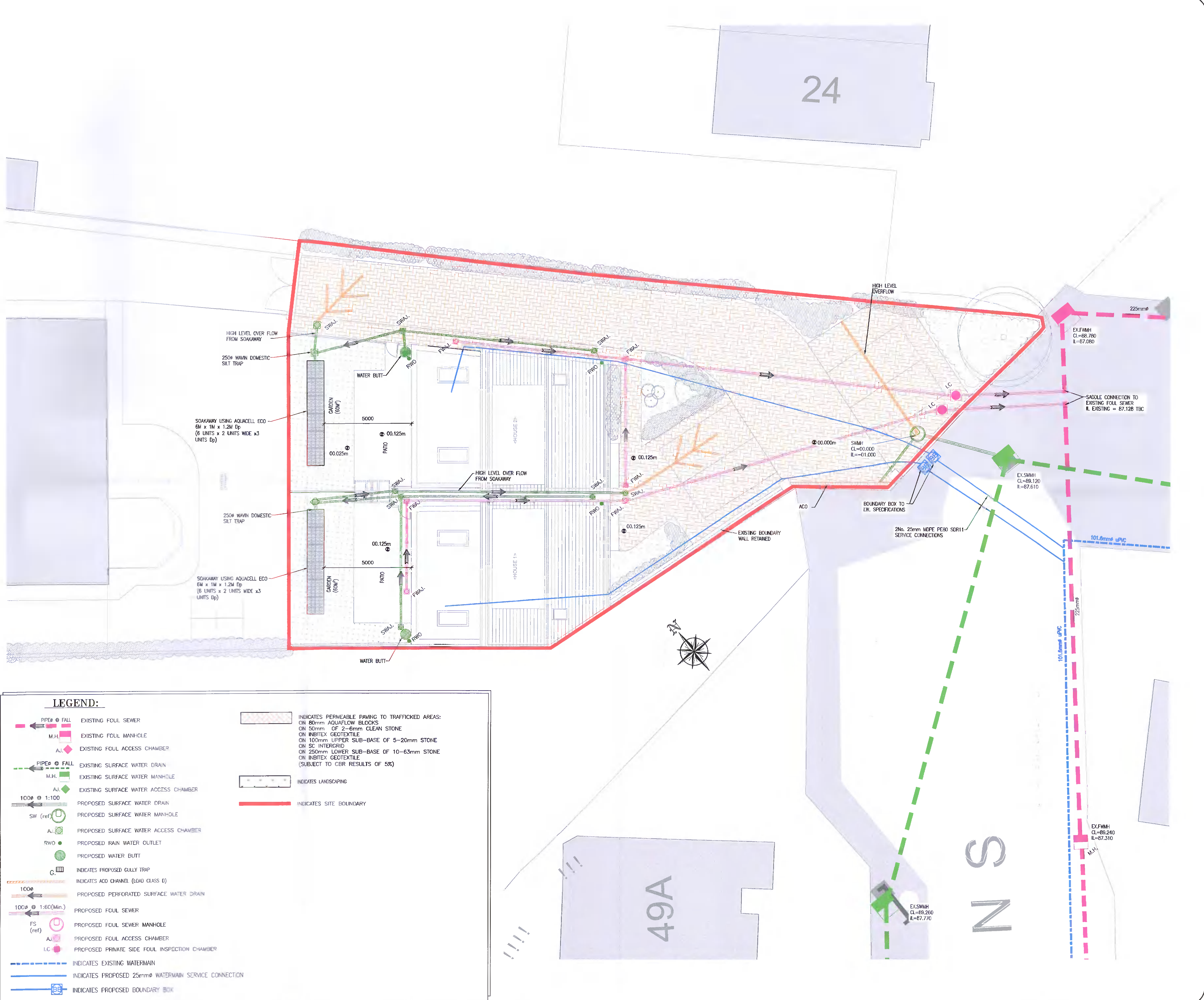
Project
**HAWTHORNS
KILLAKEE LAWNS
FIRHOUSE
DUBLIN 24**

Org. Title
**PROPOSED DRAINAGE AND
WATERMAIN LAYOUT**

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Drawn By	BS	Scale	1:100
Checked By	SG	Date	09/09/21
Org. No.	21175-01	Rev.	A



LEGEND:

	EXISTING FOUL SEWER		INDICATES PERMEABLE PAVING TO TRAFFICKED AREAS: ON 80mm AQUAFLOW BLOCKS ON 50mm OF 2-6mm CLEAN STONE ON INBETEX GEOTEXTILE ON 100mm UPPER SUB-BASE OF 5-20mm STONE ON SC INTERGRID ON 250mm LOWER SUB-BASE OF 10-63mm STONE ON INBETEX GEOTEXTILE (SUBJECT TO CBR RESULTS OF 5%)
	EXISTING FOUL MANHOLE		INDICATES LANDSCAPING
	EXISTING FOUL ACCESS CHAMBER		INDICATES SITE BOUNDARY
	EXISTING SURFACE WATER DRAIN		
	EXISTING SURFACE WATER MANHOLE		
	EXISTING SURFACE WATER ACCESS CHAMBER		
	PROPOSED SURFACE WATER DRAIN		
	PROPOSED SURFACE WATER MANHOLE		
	PROPOSED SURFACE WATER ACCESS CHAMBER		
	PROPOSED RAIN WATER OUTLET		
	PROPOSED WATER BUTT		
	INDICATES PROPOSED GULLY TRAP		
	INDICATES ACO CHANNEL (LOAD CLASS D)		
	PROPOSED PERFORATED SURFACE WATER DRAIN		
	PROPOSED FOUL SEWER		
	PROPOSED FOUL SEWER MANHOLE		
	PROPOSED FOUL ACCESS CHAMBER		
	PROPOSED PRIVATE SIDE FOUL INSPECTION CHAMBER		
	INDICATES EXISTING WATERMAIN		
	INDICATES PROPOSED 25mm ϕ WATERMAIN SERVICE CONNECTION		
	INDICATES PROPOSED BOUNDARY BOX		