



- 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 150mmØ min CONCRETE OR PVC-U. ALL SURFACE WATER SEWERS TO BE 225mmØ MINIMUM CLASS H. ALL CONNECTING SEWERS TO LOCAL AUTHORITY'S DRAINS TO BE 225mmØ.
 - 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 497 & 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

Status
PLANNING

Client
TERESA & SEAN BUTLER

Project
**HAWTHORNS
KILLAKEE LAWNS
FIRHOUSE
DUBLIN 24**

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

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LEGEND:

<p>100Ø @ 1:100 — PROPOSED SURFACE WATER DRAIN</p> <p>SW (ref) — PROPOSED SURFACE WATER MANHOLE</p> <p>A.J. — PROPOSED SURFACE WATER ACCESS CHAMBER</p> <p>RWO — PROPOSED RAIN WATER OUTLET</p> <p>— PROPOSED WATER BUTT</p> <p>100Ø @ 1:60 (Min.) — PROPOSED FOUL SEWER</p> <p>FS (ref) — PROPOSED FOUL SEWER MANHOLE</p> <p>A.J. — PROPOSED FOUL ACCESS CHAMBER</p> <p>I.C. — PROPOSED PRIVATE SIDE FOUL INSPECTION CHAMBER</p> <p>--- INDICATES EXISTING WATERMAIN</p> <p>--- INDICATES PROPOSED 25mmØ WATERMAIN SERVICE CONNECTION</p> <p>--- INDICATES PROPOSED BOUNDARY BOX</p>	<p>INDICATES PERMEABLE PAVING TO TRAFFICKED AREAS: ON 80mm AQUAFLOW BLOCKS ON 50mm OF 2-5mm CLEAN STONE ON INBITEX GEOTEXTILE ON 100mm UPPER SUB-BASE OF 5-20mm STONE ON SC INTERGRID ON 250mm LOWER SUB-BASE OF 10-63mm STONE ON INBITEX GEOTEXTILE (SUBJECT TO CBR RESULTS OF 5%)</p> <p>INDICATES LANDSCAPING</p> <p>INDICATES SITE BOUNDARY</p>
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