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CLAUSE 804/808 MATERIAL IN
ACCORDANCE WITH THE NATIONAL ROADS
AUTHORITY SPECIFICATION FOR ROAD
WORKS IS TO BE USED AS BACKFILL
MATERIAL WHERE THE WATER MAIN IS
LOCATED IN ROADS, FOOTPATHS OR WHEN
THE NEAREST PART OF THE TRENCH IS
WITHIN 1m OF THE PAVED EDGE OF THE
ROADWAY, CLAUSE 804/808 IS TO BE
COMPACTED AS PER CLAUSE 802 OF THE
NATIONAL ROADS AUTHORITY SPECIFICATION
FOR ROAD WORKS, CLAUSE 808 IS TO BE
USED WITHIN 500mm OF CEMENT BOUND
MATERIALS, CONCRETE PAVEMENTS,
CONCRETE STRUCTURES OR CONCRETE
PRODUCTS. OTHERWISE CLAUSE 804 MAY BE
USED. ALTERNATIVE BACKFILL MATERIAL TO
THAT DESCRIBED ABOVE (CLAUSE 804 OR
CLAUSE 808) OF THE PIPE TRENCH WILL
ONLY BE ALLOWED BY IRISH WATER WHERE
THE ROADS AUTHORITY IN WHOSE
FUNCTIONAL AREA THE DEVELOPMENT IS ALL DIMENSIONS IN MILLIMETRES (mm)
UNLESS NOTED OTHERWISE.
CONCRETE THRUST BLOCKS (ANCHORAGE)
SHALL BE POSITIONED SYMMETRICALLY WITH
RESPECT TO THE CONNECTING PIPE &
BENDS. THE MINIMUM DEPTH OF COVER FROM THE FINISHED GROUND LEVEL TO THE EXTERNAL CROWN OF THE PIPE SHALL BE 900mm WHERE THE PIPE IS TO BE LOCATED IN HOUSING ESTATE ROADS. GREATER DEPTHS OF COVER AND/OR PIPE STRENGTH AND/OR A HIGHER CLASS OF BEDDING MATERIAL MAY BE REQUIRED WHERE HIGH TRAFFIC LOADING IS ANTICIPATED. THE DESIRABLE COVER FOR A WATERMAIN SHOULD BE 1200mm, WHERE PRACTICABLE & SHOULD NOT EXCEED 3.0m. COMPRESSIBLE FILLER FOR CONCRETE PROTECTION TO BE IN ACCORDANCE WITH BS EN 622-1 AND BS EN 622-4.
BITUMINOUS MATERIAL SHALL NOT BE PUT IN CONTACT WITH PLASTIC PIPES. THE THICKNESS OF COMPRESSIBLE FILLER FOR MAINS < 450mm IN DIAMETER IS TO BE DETAIL 06 - WATER MAIN THRUST AND SUPPORT BLOCKS THRUST BLOCKS SHALL BEAR ON UNDISTURBED SOIL. IF FOR ANY REASON THEY CANNOT THEN THE DEVELOPER SHALL NOTIFY IRISH WATER IMMEDIATELY WITH A PROPOSED SOLUTION. CONCRETE IN THRUST BLOCKS SHALL BE GRADE C20/25. THRUST BLOCK REINFORCEMENT REQUIRES SPECIFIC DESIGN. OR TEST PRESSURES GREATER THAN 18 AR, THRUST BLOCK DESIGN IS TO BE UBMITTED TO IRISH WATER FOR REVIEW. 10. 1. POLYETHYLENE PIPES SHALL BE WRAPPED IN PLASTIC SHEETING HAVING A COMPOSITION IN ACCORDANCE WITH BS 6076 BEFORE BEING CAST INTO CONCRETE.

2. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206. PIPES SHALL NOT BE SUPPORTED ON STONES OR ROCKS, OR ANY HARD OBJECT AT ANY POINT ALONG THE TRENCH. ROCK SHALL BE EXCAVATED TO A DEPTH OF 150mm BELOW THE ACTUAL DEPTH OF THE TRENCH WITH THE VOID FILLED WITH CLAUSE 804/808 MATERIAL IN ACCORDANCE WITH THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS. THE GRANULAR MATERIAL SHALL BE LAID ABOVE THIS VOID BACKFILL MATERIAL. CONCRETE THRUST BLOCKS FOR POLYETHYLENE PIPE TO COMPLY WITH THE MANUFACTURER'S REQUIREMENTS. LOCATED, PROVIDES <u>WRITTEN APPROVAL</u>
THE DEVELOPER TO THE USE OF SUCH
ALTERNATIVE MATERIAL. A SOFT GROUND CONDITIONS (CBR <5) THE ATERIAL SHOULD BE EXCAVATED OUT AND ISPOSED OF IN ACCORDANCE WITH THE WASTE MANAGEMENT ACT AND CLAUSE 04/808 MATERIAL IN ACCORDANCE WITH HE NATIONAL ROADS AUTHORITY PECIFICATION FOR ROADS WORKS SHALL EPLACE THE EXCAVATED MATERIAL, RAPPED IN GEO-TEXTILE WRAPPING. LITERNATIVELY, SPECIAL PIPE SUPPORT RRANGEMENTS, INCLUDING PILING ETC. AY BE REQUIRED WHERE THE DEPTH OF OFT MATERIAL IS EXCESSIVE. SUCH RRANGEMENTS SHALL BE SUBJECT TO SSESSMENT BY IRISH WATER BEFORE DVANCING WITH THE WORK. 2. EXISTING ROAD REINSTATEMENT TO COMPLY WITH CURRENT VERSION OF "GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS" BY THE DEPT. OF TRANSPORT, TOURISM & SPORT, OR TRANSPORT INFRASTRUCTURE IRELAND REQUIREMENTS. MAY BE <500mm SUBJECT TO CONSIDERATION BEING GIVEN TO THE TRENCH DEPTH, HEALTH & SAFETY & CONSTRUCTION ACCESS REQUIREMENTS.

NEW ROAD CONSTRUCTION & SURFACE FINISH TO BE TO ROAD AUTHORITY REQUIREMENTS. MARKER TAPE TO BE 400mm WIDE BLUE POLYETHYLENE MATERIAL IN ACCORDANCE WITH EN 12163, PLASTIC PIPES SHALL HAVE WARNING TAPE INCORPORATING A REINFORCED BAND BRACING WIRE. SERVICE PIPES SHALL HAVE 200mm WIDE MESH TAPE. MARKER TAPE TO BE LAID AT TOP OF PIPE BEDDING LAYER. FOR HYDRANT PLATE ALL CHARACTERS SHOULD BE BLACK AND THE REMAINDER OF THE FRONT FACE SHOULD CONFORM TO COLOUR REFERENCE No. 309 (CANARY YELLOW) OF BS 381C. PIPE DIAMETER ON HYDRANT PLATE TO REFER TO WATERMAIN NOT BRANCH.

SLUICE VALVE, AIR VALVE, SCOUR VALVE, WASHOUT HYDRANT AND METER PLATES SHOULD BE CAST IRON. ALL CHARACTERS SHOULD BE BLACK ON WHITE PAINT BACKGROUND. ALTERNATIVE MATERIAL MAY BE USED SUBJECT TO ACCEPTANCE BY IRISH WATER. DETAIL 07 - MARKER POSTS/PLATES MARKER PLATES TO BE MANUFACTURED IN ACCORDANCE WITH BS 3251. CONCRETE SURROUND TO MARKER POST TO BE GRADE C25/30 AND IN ACCORDANCE WITH IS EN 206/2013. PLATES TO BE FIXED IN POSITION USING WALL PLUGS AND STAINLESS STEEL SCREWS. WHERE PRACTICAL MARKER PLATES SHALL
BE FIXED TO ADJACENT WALLS OR
ALTERNATIVELY ATTACHED TO MARKER PLASTIC MARKER POSTS ARE NOT ACCEPTABLE. HYDRANT C...

WITH APPROVED h...

COVERS TO IS 261 OR b...

AND FRAME SHALL BE SUITABL..

AND TRAFFIC CONDITIONS AND IS SUb...

TO REVIEW BY IRISH WATER.

3. ALL HYDRANTS, SURFACE BOX FRAMES & COVERS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF IS EN 14339, IS EN 1074-6 & BS 750. FIRE HYDRANTS SHALL BE TYPE 2. THE HYDRANT INLET SHALL BE 80mm DIAMETER WITH PN16.

ALL HYDRANTS SHALL BE CLOCKWISE

TO BE CONSTRUCTED

TO JUITS OR HIGH

TO BE CONSTRUCTED

TO JUITS OR HIGH

TO STRUCTED

TO STRUCTED HYDRANT CHAMBER TO BE CONSTRUCTED
OF PRECAST CONCRETE UNITS OR HIGH
DENSITY BLOCKWORK. ALTERNATIVELY
PROPRIETARY PREFABRICATED CHAMBER
UNITS MAY ALSO BE USED, SUBJECT TO
REVIEW BY IRISH WATER. ROOF SLABS
SHALL BE DESIGNED TO CARRY ALL LIVE
LOADS & DEAD LOADS, & CONSIST OF A
REINFORCED CONCRETE SLAB OF IN—SITU
CONCRETE, GRADE C30/37, WITH A MINIMUM
THICKNESS OF 150mm. ALTERNATIVELY,
PRE—CAST CONCRETE ROOFS MAY BE USED,
SUBJECT TO IRISH WATER REVIEW, &
CONCRETE CHAMBERS STALL OF DETAIL 02 — ON—LINE HYDRANT FOR POLYETHYLENE (P.E.) PIPE GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS (mm)
UNLESS NOTED OTHERWISE. THE BOUNDARY BOX IS TO BE IN ACCORDANCE WITH THE IRISH WATER SPECIFICATION, INCORPORATING ALL A G1.5 MANIFOLD, STOP—TAP, FROST PLUG & NON—RETURN VALVE.

THE BOUNDARY BOX SHALL BE POSITIONED IN PUBLIC SPACE & AS CLOSE AS POSSIBLE TO THE PROPERTY BOUNDARY BUT NO PART OR FITTING TO BE WITHIN 225mm OF THE PROPERTY LINE. ELECTRO FUSION COUPLING TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206. THE SURFACE BOX COVER ON THE
BOUNDARY BOX SHOULD NOT BE LESS THAN
GRADE C (BS 5834: 2-2011): & THE
BOUNDARY BOX SHOULD BE LOCATED SUCH
THAT HEAVIER GRADES OF COVER WOULD
NOT BE REQUIRED. CONCRETE CHAMBERS SHALL BE SURROUNDED BY A MINIMUM OF 150mm COMPACTED CLAUSE 808 MATERIAL AS PER DRAWING 01. THE BOUNDARY BOX SHALL BE LOCATED WHERE IT IS SAFE TO OPEN THE COVER & ACCESS THE STOP TAP OR VISUALLY READ THE METER, .i.e. ON A FOOTPATH OR VERGE, & NOT IN A CARRIAGEWAY. FOR CONNECTION TO AN EXISTING MAIN THE CONNECTION SHALL BE AS PER THE PIPE MANUFACTURER'S SPECIFICATION. DETAIL 08 — CUSTOMER CONNECTION AND BOUNDARY BOX (25mm OD PIPE) N. EXISTING ROAD REINSTATEMENT TO COMPLY WITH CURRENT VERSION OF 'GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS' BY THE DEPT. OF TRANSPORT, TOURISM & SPORT, OR TRANSPORT INFRASTRUCTURE IRELAND REQUIREMENTS. THRUST BLOCKS (NOT SHOWN ON DRAWING),
TO BE PROVIDED AS PER STANDARD
DRAWING 06 AT ALL TEES, BENDS, TAPERS,
DEAD ENDS AND PIPES AT STEEP SLOPES.

ANTI-CORROSION TAPE TO BE PROVIDED
AROUND BURIED FLANGES. ALL CONCRETE TO BE IN IS EN 206 HYGIENICALLY & LEFT CLEAN & FREE OF CONSTRUCTION WASTE OR DIRT FOR LATER METER INSTALLATION BY IRISH WATER.

D. BOX TO BE FOUNDED ON 100mm DEPTH OF C12/15 CONCRETE AND SURROUNDED WITH CLAUSE 808 GRANULAR MATERIAL.

I. THE DESIRABLE MINIMUM COVER FROM THE FINISHED GROUND LEVEL TO THE EXTERNAL CROWN OF A SERVICE CONNECTION SHALL BE 750mm WITH AN ABSOLUTE MINIMUM DEPTH OF 600mm FOR SHORT DISTANCES (SUBJECT TO IRISH WATER AGREEMENT). THE DESIRABLE MAXIMUM COVER FOR A SERVICE CONNECTION PIPE SHOULD BE 1200mm, WHERE PRACTICABLE. NEW ROAD CONSTRUCTION & SURFACE FINISH TO BE TO ROAD AUTHORITY REQUIREMENTS. THE BOUNDARY BOX IS TO BE INSTALLED AT A MINIMUM DEPTH OF 600mm (+/- 25mm) TO THE CROWN OF THE INLET & OUTLET FITTINGS ON THE OUTSIDE OF THE BOX.

THE SERVICE CONNECTION PIPE SHALL NOT BE WRAPPED AROUND THE SHAFT OF THE BOUNDARY BOX OR BENT IN ANY RADIUS LESS THAN THAT APPROVED BY THE MANUFACTURER. S AND FITTINGS TO BE IN IS EN 545. PE PIPES E IN ACCORDANCE WITH BUTION PIPEWORK WITHIN ULD BE SUITABLY SIZED FLOW FROM 20mm SERVICE PIPE. EINSTATEMENT AME SHALL BE TO EQUIREMENTS. 100mm DEEP JUND COVERS IN IN ACCORDANCE WITH AIR VALVES SHALL COMPLY WITH THE REQUIREMENTS OF IS EN 1074-4. AIR VALVES SHALL BE DOUBLE ORIFICE TYPE AND SHALL INCLUDE AN ISOLATING VALVE. THE ISOLATING VALVE SHALL BE EITHER A GATE VALVE CONFORMING TO IS EN 1074-2 & SHALL BE OF A BOLTLESS BONNET DESIGN, OR A BUTTERFLY VALVE TO IS EN 1074-2. DIAMETER GREATER THAN 300mm.

ANY PROPOSED PIPE CROSSING SHOULD BE LOCATED MID-WAY BETWEEN THE WATER JOINTS WITH MINIMUM CLEAR DISTANCE OF 300mm AND UP TO 500mm. ALL CROSSINGS SHOULD BE AT LEAST 500mm AWAY FROM FITTINGS OR JOINTS. SPECIFIC SEPARATION CLEARANCE
DISTANCES IN EXCESS OF THESE MINIMA
SHALL BE PROVIDED FOR SERVICES SUCH
AS GAS, ELECTRICITY, FIBRE-OPTIC OR OIL
FILLED CABLES AS THE CASE MAY BE. THE
PARTICULAR UTILITY PROVIDERS SHALL BE
CONSULTED TO DETERMINE THESE MINIMUM
SEPARATION DISTANCES AND EVIDENCE OF
THIS CONSULTATION, WITH THE SPECIFIED
SEPARATION DISTANCES, SHALL BE
PROVIDED TO IRISH WATER AT DESIGN
STAGE. DETAIL 03 —ON—LINE AIR VALVE FOR POLYETHYLENE (P.E.) PIPE AIR VALVE CHAMBERS TO BE OF PRECAST CONCRETE UNITS OR HIGH DENSITY BLOCKWORK. ALTERNATIVE PROPRIETARY PREFABRICATED CHAMBER UNITS MAY ALSO BE USED, SUBJECT TO REVIEW BY IRISH WATER. 300mm TO DISTRIBUTION MAINS OF LESS THAN 300mm DIAMETER.
500mm TO TRUNK MAINS BETWEEN 300mm AND 450mm DIAMETER.
3m TO ARTERIAL WATER MAINS OF GREATER THAN 450mm DIAMETER. DETAIL 09 — TYPICAL SERVICE LAYOUT INDICATING SEPARATION DISTANCES AIR VALVE CHAMBERS SHALL BE COVERED WITH APPROVED VENTILATED HEAVY DUTY DUCTILE IRON COVERS TO IS EN 124
RATING D400. COVER AND FRAME SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS AND IS SUBJECT TO REVIEW BY IRISH WATER. DUCTILE IRON PIPES/FITTINGS AND PE PIPES/FITTINGS TO BE IN ACCORDANCE WITH IS EN 545 AND IS EN 12201: 2011. WATERMAIN (PROPOSED) SEPARATION DISTANCES THE SEPARATION DISTANCES OUTLINED ARE MINIMUM REQUIREMENTS. PRECAST CONCRETE CHAMBERS SHALL BE SURROUNDED BY A MINIMUM OF 150mm COMPACTED CLAUSE 808 MATERIAL AS PER DRAWNING CO. SERVICE CONNECTIONS SHALL NOT BE PROVIDED WITHIN 2m OF THE AIR VALVE LOCATION. 300mm TO DISTRIBUTION MAINS OF LESS THAN 300mm DIAMETER. 5. MITH CURRENT VERSION OF 'GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS' BY THE DEPT. OF TRANSPORT, TOURISM & SPORT, OR TRANSPORT INFRASTRUCTURE IRELAND REQUIREMENTS. WHERE DUCTS OR PIPES ARE TO BE LAID CLOSE TO AN EXISTING WATERMAIN OR SEWER IN THE OWNERSHIP OF IRISH WATER, NOTIFICATION IN WRITING SHALL BE PROVIDED A MINIMUM OF 10 DAYS AHEAD OF ADVANCEMENT OF THE WORK. THE LOCATION OF THE AIR VALVE SHALL BE THE SUBJECT OF PARTICULAR AGREEMENT WITH IRISH WATER TO ENSURE THAT THE RISK OF CONTAMINATION THROUGH THE VALVE IS ELIMINATED. NOTIFICATION IN WRITING IS REQUIRED SHOULD WORKS BE WITHIN THE FOLLOWING DISTANCES FROM AN EXISTING WATERMAIN OR WASTEWATER RISING MAIN: 1m AT EITHER SIDE OF MAINS OF 225mm TO 250mm DIAMETER. 2m AT EITHER SIDE OF MAINS OF 300mm AND 375mm IN DIAMETER. THRUST BLOCKS (NOT SHOWN ON DRAWING),
TO BE PROVIDED AS PER STANDARD
DRAWING 06 AT ALL TEES, BENDS, TAPERS,
DEAD ENDS AND PIPES AT STEEP SLOPES.
ANTI-CORROSION TAPE TO BE PROVIDED
AROUND BURIED FLANGES. SPECIFIC IRISH WATER ADVISED DISTANCES FOR MAINS IN EXCESS OF 475mm DIAMETER. NEW ROAD CONSTRUCTION & SURFACE FINISH TO BE TO ROAD AUTHORITY REQUIREMENTS. NOTIFICATION IN WRITING IS REQUIRED SHOULD WORKS BE WITHIN 1.5m DISTANCE OF A WASTEWATER SEWER. WATERMAIN (EXISTING) SEPARATION DISTANCES 200mm ALL AROUND, 100mm DEEP CONCRETE PLINTH AROUND COVERS IN GREEN AREAS. 1000mm AT EITHER SIDE OF EXISTING MAINS LESS THAN OR EQUAL TO 200mm DIAMETER. 5m AT EITHER SIDE OF MAINS OF 400mm AND 450mm IN DIAMETER. ANY SPECIAL ROAD REINSTATEMENT AROUND COVER & FRAME SHALL BE TO ROAD AUTHORITY'S REQUIREMENTS. 500mm AT EITHER SIDE OF MAINS UP TO AND INCLUDING 200mm IN DIAMETER. 000mm AT EITHER SIDE OF EXISTING AINS OF DIAMETER GREATER THAN 350mm AMETER. 00mm at either Side of existing NNS OF 250mm TO 350mm DIAMETER. CRETE TO BE IN ACCORDANCE DETAILED PROPOSALS, INCLUDING WORK
METHOD STATEMENTS, INSURANCE
CONFIRMATION AND DETAILS OF WORK
COMPLETED OF A SIMILAR NATURE MUST BE
SUBMITTED TO IRISH WATER FOR REVIEW.
ALL SUCH WORKS IN THE VICINITY OF
ARTERIAL WATER MAINS AND SEWER (MAINS
GREATER THAN 400mm) SHALL BE SUBJECT
TO WRITTEN AGREEMENT WITH IRISH WATER
BEFORE CONSTRUCTION COMMENCES ON
SITE. THIS AGREEMENT SHALL ALSO
INCLUDE ANY NECESSARY PROTECTION FOR NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES (mm)
UNLESS NOTED OTHERWISE. REQUIREMENTS SHALL ALSO APPLY TO
TRIAL HOLES OR SLIT TRENCHES TO LOCATE
THE MAIN OR GAIN GROUND INFO DATA.
LARGER DIAMETERS >300mm DISTRIBUTION
AND TRUNK MAINS, IRISH WATER MUST BE
NOTIFIED AT LEAST 1 MONTH IN ADVANCE.
DEVELOPERS SHALL ALSO COMPLY WITH
ANY NOTIFICATION REQUIREMENTS OF OTHER
UTILITY PROVIDERS (ESB, GAS MAIN,
TELECOMMUNICATION ETC.) UNDER STRUCTURES, EXISTING OR
PROPOSED, OR IN CLOSE PROXIMITY TO ANY
EXISTING STRUCTURES OR FEATURES THAT
WILL INHIBIT ACCESS FOR POST
INSTALLATION MAINTENANCE AND ACCESS. ANY DAMAGE SHALL BE NOTIFIED IMMEDIATELY TO IRISH WATER. THE PERSON WHO CAUSES THE DAMAGE TO A WATER MAIN OR FITTING WILL BE DEEMED TO HAVE COMMITTED AN OFFENCE UNDER SECTION 45 OF THE WATER SERVICES ACT 2007.

WATERMAINS OF ANY SIZE SHALL NOT BE WITHIN 1m OF THE BOUNDARY TO A PREMISES. SLUICE VALVE CHAMBERS SHALL BE
COVERED WITH APPROVED HEAVY DUTY
METAL COVERS TO IS 261 OR BS 5834.
COVER AND FRAME SHALL BE SUITABLE FOR
ROAD AND TRAFFIC CONDITIONS AND IS
SUBJECT TO REVIEW BY IRISH WATER. DETAIL 04 — SLUICE VALVE FOR POLYETHYLENE (P.E.) PIPE (<350r DUCTILE IRON PIPES AND FITTINGS TO BE IN ACCORDANCE WITH IS EN 545. PE PIPES AND FITTINGS TO BE IN ACCORDANCE WITH IS EN 12201:2011. CONCRETE CHAMBERS SHALL BE SURROUNDED BY A MINIMUM OF 150mm COMPACTED CLAUSE 808 MATERIAL AS PER DRAWING 01. ALL SLUICE VALVES SHALL BE ANTI-CLOCKWISE CLOSING. SLUICE VALVES SHALL BE RESILIENT SEATED AND SHALL COMPLY WITH BS 5163-1, BS 5163-2, IS EN 1074-1, IS EN 1074-2, OR EQUIVALENT E.U. SPECIFICATIONS. VE CHAMBER TO BE CONSTRUCTED OF CAST CONCRETE UNITS OR HIGH SITY BLOCKWORK. ALTERNATIVELY PRIETARY PREFABRICATED CHAMBER IS MAY ALSO BE USED, SUBJECT TO IEW BY IRISH WATER. ROOF SLABS LL BE DESIGNED TO CARRY ALL LIVE DS & DEAD LOADS, & CONSIST OF A GROCED CONCRETE SLAB OF IN—SITU ICRETE, GRADE C30/37, WITH A MINIMUM XNESS OF 150mm. ALTERNATIVELY,—CAST CONCRETE ROOFS MAY BE USED, JECT TO IRISH WATER REVIEW, & USED, JULIANCE WITH BS 5911, PART 4. 10. CHAMBERS MAY BE PROVIDED SUB REVIEW BY IRISH WATER. SUCH CH SHALL BE PROVIDED WITH GRADE 'DUTY COVER & FRAME & STAMPER ALL CONCRETE TO BE IN ACCOR IS EN 206. 200mm ALL AROUND, 100mm DEEF CONCRETE PLINTH AROUND COVERS GREEN AREAS. NEW ROAD CONSTRUCTION & SUIFINISH TO BE TO ROAD AUTHORI REQUIREMENTS. ANY SPECIAL ROAD REINSTATEME AROUND COVER AND FRAME SHA ROAD AUTHORITY'S REQUIREMENT ANTI—CORROSION TAPE TO BE PI AROUND BURIED FLANGES. THRUST BLOCKS (NOT SHOWN ON TO BE PROVIDED AS PER STANDAI PRAWING 06 AT ALL TEES. BENDS, DEAD ENDS AND PIPES AT STEEP TAPERS, DEAD ENDS SLOPES.

2.) DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.

1.) THESE DRAWINGS TO BE READ IN CONJUNCTION WAS RELEVANT HAYES HIGGINS ENGINEERING DRAWINGS AND SPECIFICATIONS.

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NOTES

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ISSUED				
P	AZZ	PLANNING		
CLIENT	LAOC	DUN LAOGHAIRE COUNTY COUNCIL		
PROJECT NAME RESIDEN	T NAME DENT	ROJECT NAME RESIDENTIAL HOUSING DEVELOPMENT		

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WATERMAIN

TAILS

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WATER

AT BLACKGLEN ROAD
PRAWING NAME

The GI		
Glass House, 11 Coke Lane	HAYES HIGGINS PARTNERSHIP	

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28.03.24

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