PROPERTY SEE NOTE 6 ABOVE APPROVED MARKER TAPE REFER TO NOTE: STD-W-13 FOR BACKFILL DETAILS THIS DETAIL APPLIES TO WHERE THE FINISHED SURFACE IS EITHER UNBOUND (GRASS VERGE), BRICK TO SUIT SURFACE FINISH OF PAVING OR MACADAM, & WHERE A CONCRETE PLINTH IS REQUIRED 479 TO SUPPORT THE TOP OF THE (APP BOUNDARY BOX. 5mm (O.D. FITTINGS TO BE APPROVED BY ELECTROFUSION TRANSITION COUPLER PRECAST CONCRETE REFER TO NOTE 5 STD-W-13 FOR BEDDING DETAILS SECTION **PLAN CONCRETE SURROUND** TO BOUNDARY BOX COVER THE CONNECTION PIPE IS TO BE LAID SLACK WITH NO KINKS THE CONNECTION PIPE IS TO BE LAID SLACK WITH NO KINKS TO MANUFACTURER'S TO MANUFACTURER'S SPECIFICATION. SPECIFICATION. PLACE BOUNDARY BOX IN FOOTPATH OR GRASS VERGE AS CLOSE AS POSSIBLE TO PROPERTY BOUNDARY PROPOSED SADDLE BE MADE FROM TRANSITION^C NON-FERROUS COUPLER MATERIAL IN ACCORDANCE WITH-WIS 4-22-02 AND ELECTROFUSION TAPPING TEE (25 mm OUTLET) - FOR PE WATER MAIN ONLY SHALL BE SUITABLE FOR USE ON AC, CI HDPE, PVC & DI - COUPLER PIPEWORK, SADDL BOLTS SHALL BE POYLETHYLENE — (PE) WATER MAIN STAINLESS STEEL BOUNDARY BOX 25mm (O.D.) PE

REFER TO INDEX SHEET FOR NOTES REGARDING DESIGN RESPONSIBILITY & RISK ASSESSMENT

FOR POLYETHYLENE (PE)-

WATER MAIN ONLY

FOR D.I. -

WATER MAINS

STANDARD DETAILS - WATER

PLAN

CUSTOMER CONNECTION AND BOUNDARY BOX (25mm OD PIPE)

PLANNING Housing Development, Nash's Boreen, Fair Hill, Cork City Customer Connection & Boundary Box (25mm OD Pipe) Client: Cork City Council



21029HD

Rev By Date Description

CUSTOMER PROPERTY

CLAUSE 808 GRANUI AR

CUSTOMER

BOUNDARY BOX MANUFACTURER

- CUSTOMER DISTRIBUTION SYSTEM

PROPERTY

- THE CONNECTION PIPE IS TO BE LAID SLACK WITH NO KINKS TO MANUFACTURER'S SPECIFICATION.

M.H.L & Associates Ltd. Consulting Engineers

Checked: KM GW 1:25 @ A3 Aug 2022

NBHD SCD P05

Connection & Boundary Box as per STD-W-03

1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. FOR CONNECTION TO AN EXISTING MAIN THE CONNECTION SHALL BE AS PER THE PIPE MANUFACTURER'S SPECIFICATION.

1. THE BOUNDARY BOX IS TO BE IN ACCORDANCE WITH THE IRISH WATER SPECIFICATION, INCORPORATING A G1.5 MANIFOLD, STOP-TAP, FROST PLUG & NON-RETURN VALVE.

2. THE BOUNDARY BOX SHALL BE POSITIONED IN PUBLIC SPACE & AS CLOSE AS POSSBILE TO THE PROPERTY BOUNDARY BUT NO PART OR FITTING TO BE WITHIN 225mm OF THE PROPERTY LINE.

3. 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.

4. THE SIJERACE BOX COVER ON THE BOUNDARY BOX SHOULD BE BUT LESS THAN GRADE C. (BS 5834-2 2014). 8 THE

BOUNDARY BOX SHOULD BE LOCATED SUCH THAT HEAVIER GRADES OF COVER WOULD NOT BE REQUIRED.

5. THE SHAFT OF THE BOUNDARY BOX IS TO BE INSTALLED VERTICALLY, & THE SURFACE BOX/COVER INCLINED TO MATCH THE SURFACE GRADIENT.

THE SURFACE GRADIENT.
6. 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.
7. 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.
8. THE PIPE FITTINGS TO THE BOUNDARY BOX SHALL BE APPROVED BY THE BOUNDARY BOX MANUFACTURER.
9. THE BOUNDARY BOX SHALL BE INSTALLED HYGIENICALLY & LEFT CLEAN & FREE OF CONSTRUCTION WASTE OR DIRT FOR
LATER METER INSTALLATION BY JOINE WATER.

12. CUSTOMER'S DISTRIBUTION PIPEWORK WITHIN THE PREMISES SHOULD BE SUITABLY SIZED TO ACCOMMODATE FLOW FROM 20mm INTERNAL DIAMETER SERVICE PIPE.

LATER METER INSTALLATION BY IRISH WATER.

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

11. 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

4. THE SURFACE BOX COVER ON THE BOUNDARY BOX SHOULD BE NOT LESS THAN GRADE C (BS 5834:2-2011): & THE

3. ELECTRO FUSION COUPLING TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
4. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.

GENERAL NOTES:

BOUNDARY BOX NOTES: