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COLOUR DRAWING

work proceeds.



CONCRETE BASE GRADE C20/25

ALTERNATE OPTION IN TRAFFICED AREAS -(PUBLIC ROADS / CONNECTION FACILITIES)





PLAN

WHERE PRACTICAL MARKER PLATES SHALL BE FIXED TO ADJACENT WALLS OR ALTERNATIVELY ATTACHED TO MARKER POSTS.

PLATES TO BE FIXED IN POSITION USING WALL PLUGS AND STAINLESS STEEL SCREWS.

REMAINDER OF THE FRONT FACE SHOULD CONFORM TO COLOUR REFERENCE RAL 0858080.

5. PIPE DIAMETER ON HYDRANT PLATE TO REFER TO WATERMAIN NOT

SHOULD BE CAST ALUMINIUM. ALL CHARACTERS SHOULD BE BLACK WHITE PAINT BACKGROUND. ALTERNATIVE MATERIAL MAY BE USED SUBJECT TO ACCEPTANCE BY UISCE ÉIREANN.

8. CONCRETE BASE TO BE GRADE C20/25

9. PLASTIC MARKER POSTS ARE NOT ACCEPTABLE.

CONCRETE MARKER POST TO BE GRADE C25 / 30 AND IN ACCORDANCE WITH IS EN 208/2013.

10. PAINTING SPECIFICATION: 2 PACK EPOXY PRIMER 40 - 60 MICRONS FOLLOWED BY 2 PACK HIGH GLOSS POLYURETHANE TOP COAT APPLIED AT 40 - 60 MICRONS

SPECIFICALLY TO THE NOMINAL INTERNAL DIAMETER OF THE PIPE REGARDLESS OF PIPE MATERIAL

NOT TO SCALE AUG. - 2025

STD-W-27A 0

REINFORCEMENT

**DETAILS** 

SECTION

**SECTION** 

CONNECTIONS AND DEVELOPER SERVICE

STANDARD DETAILS - WATER

CONCRETE MARKER POSTS

PREFERRED OPTION - (ESTATE ROADS)

**ELEVATION** 

**ELEVATION** 

Rev	Amendment	Ву	Date	Rev	Amendment	Ву	Date	Client:
C01	ISSUED FOR PLANNING	СВ	2025-10-17					I
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KINGSTON PARK AND MILLERS LANE - PUBLIC PARK AND URBAN REALM PROJECT											
le: WATERMAIN DETAILS - SHEET 2											
awn:	Date drawn:	Technician Check:	Engineer Check:	Approved:							
C Buckley	2025-10-17	PJ Mulcahy	Melusi Ncube	Matthew Greene							
oject No: 233114	Model Ref: 233114-PUNCH-X	(X-XX-M2-C-0526	Drawing Status: A0 (Planning)								
ale @ A1: As Shown	Revision No: C01										

PIPE PLINTH SUPPORT (ABOVE GROUND)

1. ALL DIMENSIONS IN MILLIMETRES (mm) UNLESS NOTEO OTHERWISE
2. CONCRETE THRUST BLOCKS (ANCHORAGE) SHALL BE POSITIONED SYMMETRICALLY
WITH RESPECT TO THE CONNECTING PIPE & BENDS.
3. TRENCH DIMENSIONS : REFER TO DRAWING New STDW-13.
4. THRUST BLOCKS SHALL BEAR ON UNDISTURBED SOIL IF FOR ANY REASON THEY
CANNOT THEN THE DEVELOPER SHALL NOTIFY USCE EIREANN IMMEDIATELY WITH A
PROPOSED SOLUTION.
5. THRUST BLOCK REINFORCEMENT REQUIRES SPECIFIC DESIGN.
1. FOR TEST PRESSURES GREATER THAN 18 BAR, THRUST BLOCK DESIGN IS TO BE
SUBMITTED TO USCE ÉIREANN FOR REVIEW.
THRUST BLOCKS ARE DESIGNED FOR AN AVERAGE BEARING PRESSURE OF 100 KN/m
(TYPICAL FOR SOFT CLAY). FOR OTHERADVERSE SOIL CONDITIONS, ACTUAL
DIMENSIONS MAY BE ALTERED SUJECT TO THE DEVELOPER SUBMITTING AN
ALTERNATIVE DESIGN TO UISCE ÉIREANN FOR REVIEW AND APPROVAL.
CONCRETE IN THRUST BLOCKS SHALL BE (GRADE CO2005
COMPRESSIBLE FILLER FOR CONCRETE PROTECTION TO BE IN ACCORDANCE WITH BS
N 2013. AND BE SEM MET.

I 622-1 AND BS EN 622-4. BITUMINOUS MATERIAL, SHALL, NOT BE PUT IN CONTACT WIT ASTIC PIPES. THE THICKNESS OF COMPRESSIBLE FILLER FOR MAINS < 450mm IN AMETER IS TO BE 18mm. NORGETE THRUST BLOCKS FOR POLYETHYLENE PIPE TO COMPLY WITH THE NUFFACTURES REQUIREMENTS. 2/YETHYLENE PIPES SHALL BE WRAPPED IN PLASTIC SHEETING HAVING A MIPOSITION IN ACCORDANCE WITH BS 6076 BEFORE BEING CAST INTO CONCRETE.

TABLE OF DIMENSIONS FOR STEEPLY

BELOW 1 IN 2 TO 1 IN 4

1 IN 4 TO 1 IN 5 1 IN 5 TO 1 IN 6 SPACING

22.0m

NOT TO SCALE SEPT. 2015

STD-W-28