

SLOPES, ANTI CORROSION TAPE TO BE PROVIDED AROUND BURIED FLANGES.

& SPORT, OR TRANSPORT INFRASTRUCTURE IRELAND REQUIREMENTS

DI, DOUBLE FLANGED, DN80, RISER PIPE OF SUITABLE LENGTH TO SUIT SITE CONDITIONS

POLYETHYLENE (P.E.) PIPE

FUSION WELD

FUSION WELD -

FUSION WELD SECTION

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ROOF PLAN

FLOOR PLAN

**FIRE HYDRANT CHAMBER** 

(PRECAST CONCRETE CONSTRUCTION)

STD-W-18 ON - LINE HYDRANT FOR POLYETHYLENE (P.E.) PIPE - 03\_04

ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.
 ANY SPECIAL ROAD REINSTATEMENT AROUND COVER & FRAME SHALL BE TO ROAD AUTHORITY'S REQUIREMENTS.
 NEW ROAD CONSTRUCTION & SURFACE FINISH TO BE TO ROAD AUTHORITY REQUIREMENTS.
 EXISTING ROAD REINSTATEMENT TO COMPLY WITH CURRENT VERSION OF "GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS" BY THE DEPT. OF TRANSPORT, TOURISM

COMMERCEMENT OF WORKS.

16. THE HYDRANT SHALL BE DOUBLE FLANGED DRILLED TO PN 16. THEY SHALL COMPLY WITH IS EN 14339, IS EN 1074 PART 6 AND BS 750: 2012. THE HYDRANT SHALL INCORPORATE A SCREW DOWN GATE VALVE, UNDERGROUND "GUIDE TO HEAD" TYPE WITH A FALSE SPINDLE CAP. THE OUTLET SHALL BE IN ACCORDANCE WITH ITEM 15 ABOVE.

17. 450 x 600mm INTERNAL DIMENSION CHAMBERS MAY BE PROVIDED SUBJECT TO REVIEW BY IW. SUCH CHAMBERS SHALL BE PROVIDED WITH GRADE "A" HEAVY DUTY COVER & COLORS OF A STANGET WICE.

PRECAST CONCRETE BEARING SLAB

POLYETHYLENE (P.E.) PIPE

FUSION WELD

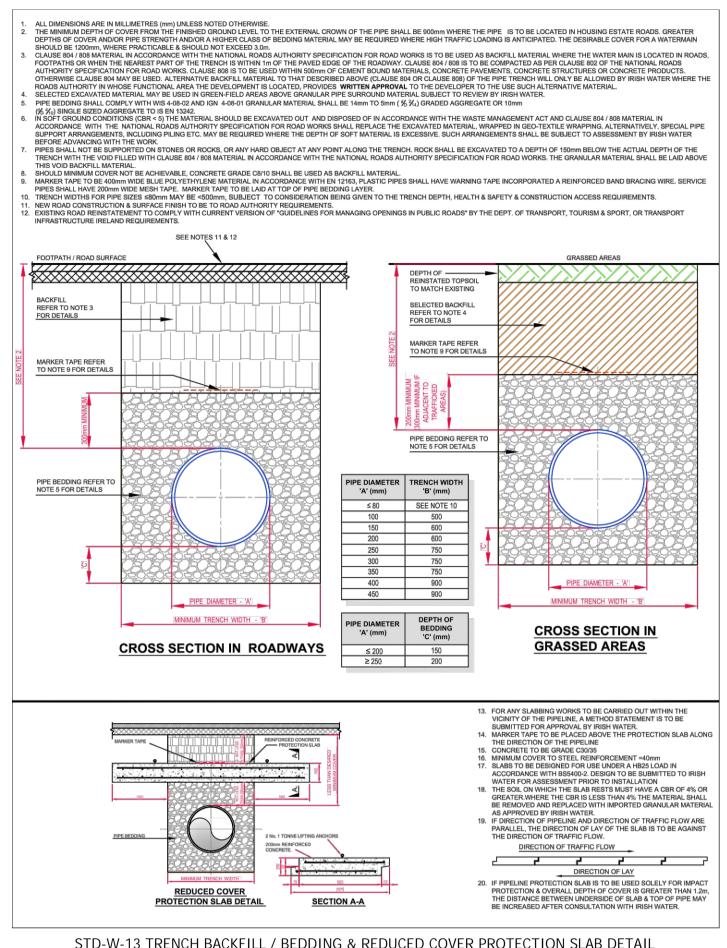
15. THE FIRE HYDRANT OUTLET TYPE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE FIRE OFFICER FOR THE AREA AND SHALL BE AGREED PRIOR TO THE

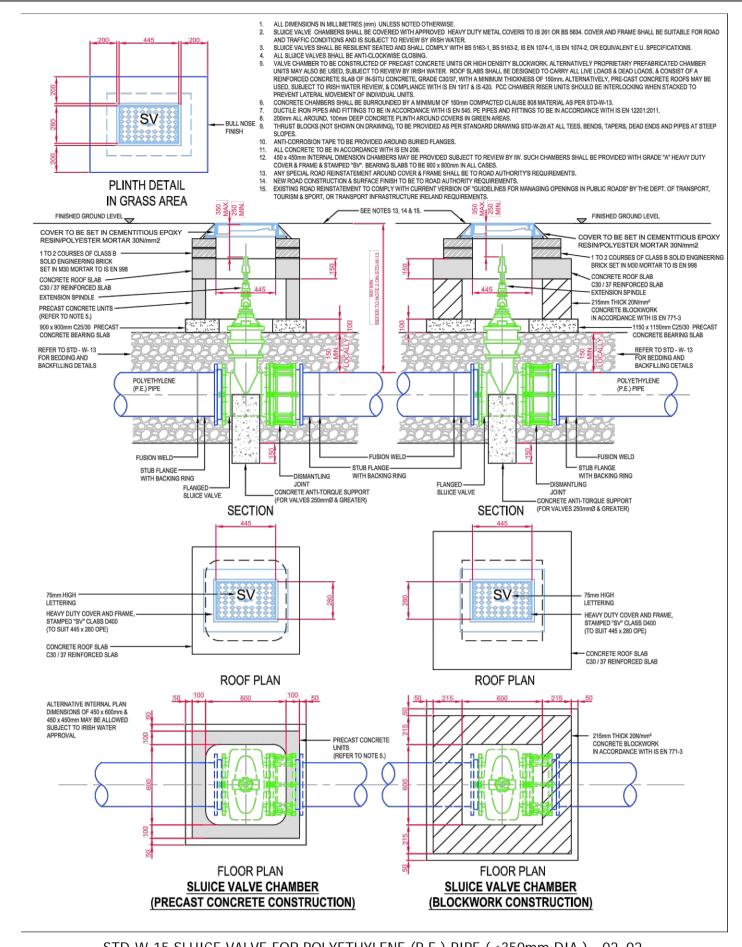
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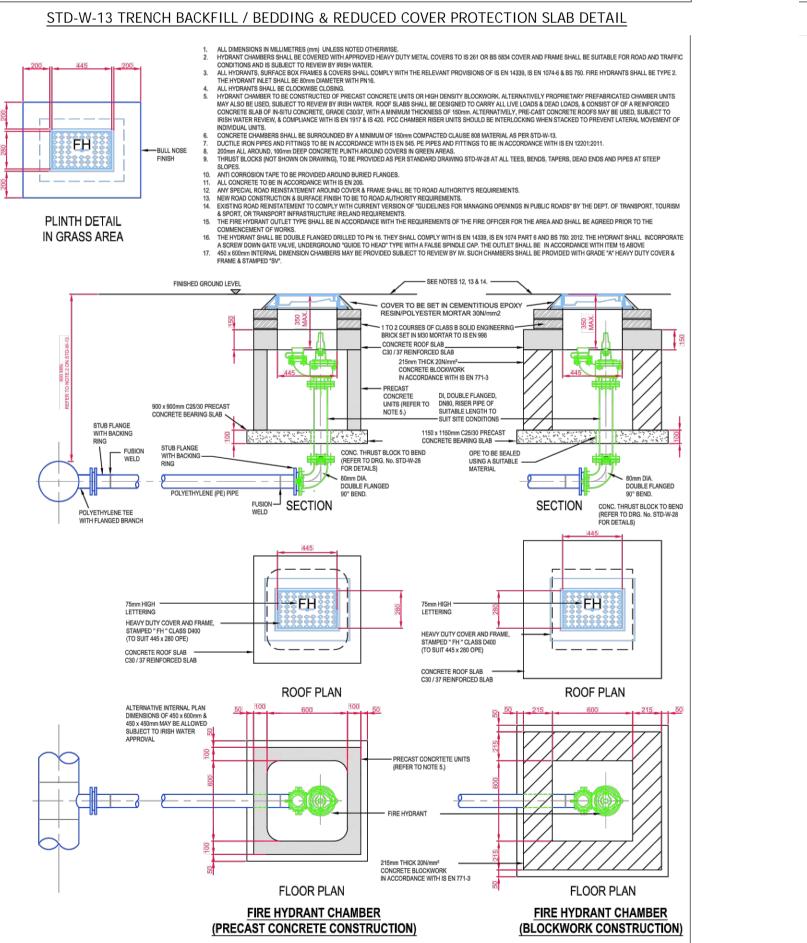
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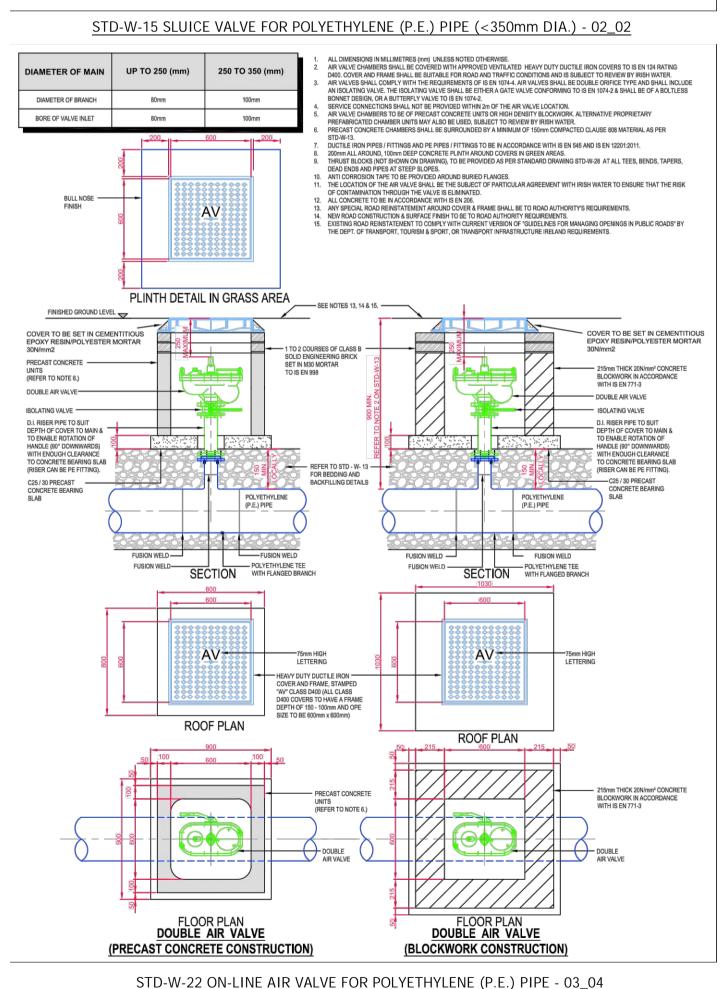
SFH

ROOF PLAN









## PLANNING

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PLINTH DETAIL

IN GRASS AREA

FINISHED GROUND LEVEL

CONCRETE ROOF SLAB C30 / 37 REINFORCED SLAB

PRECAST CONCRETE

900 x 900mm C25/30 PRECAST CONCRETE BEARING SLAB

STAMPED " FH " CLASS D (TO SUIT 445 x 280 OPE)

ALTERNATIVE INTERNAL PLAN DIMENSIONS OF 450 x 600mm & 450 x 450mm MAY BE ALLOWED SUBJECT TO IRISH WATER APPROVAL

(REFER TO NOTE 5.)

NOTES: 1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE

FLOOR PLAN

**FIRE HYDRANT CHAMBER** 

(BLOCKWORK CONSTRUCTION)

STD-W-19 OFF-LINE HYDRANT FOR POLYETHYLENE (P.E.) PIPE

| REVISION | DATE     | DESCRIPTION           | REV BY | CHK |
|----------|----------|-----------------------|--------|-----|
| А        | 23.04.21 | ISSUED FOR PLANNING   | SC     | SS  |
| В        | 14.05.21 | ISSUED FOR PLANNING   | SC     | SS  |
| С        | 01.02.22 | REISSUED FOR PLANNING | SG     | SOR |
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| <b>\</b> | PROJECT         | STRATEGIC HOUSING DEVELOPMENT AT BALLYMANY |                 |                       |     |  |  |
|----------|-----------------|--|-----------------|-----------------------|-----|--|--|
|          | CLIENT          | BRIARGATE DEVELOPMENTS NEWBRIDGE LIMITED   |                 |                       |     |  |  |
| R        | TITLE           | WATER MAIN DETAILS                         |                 |                       |     |  |  |
| TES      | SHEET 1 of 2    |  |                 |                       |     |  |  |
|          | Director<br>SOR | Proj. Eng.<br>SS                           | Drawn by<br>SC  | DRG. No.              | REV |  |  |
|          | Scale<br>N/A    | Checked<br>SS                              | Date<br>FEB '21 | D1920-MAL-00-XX-C-029 | С   |  |  |