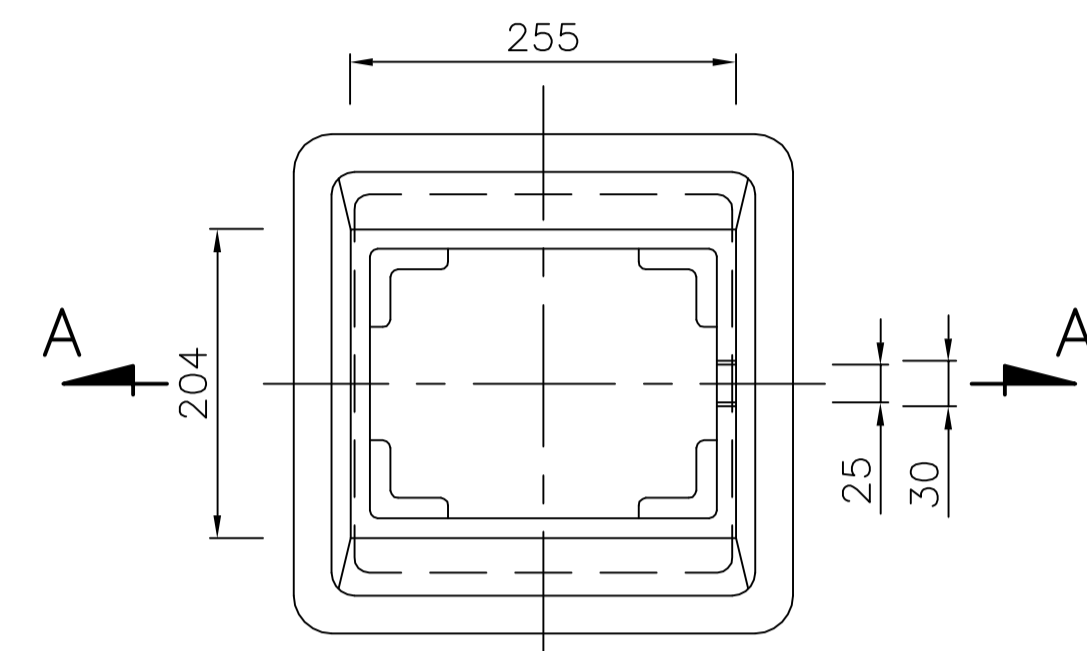
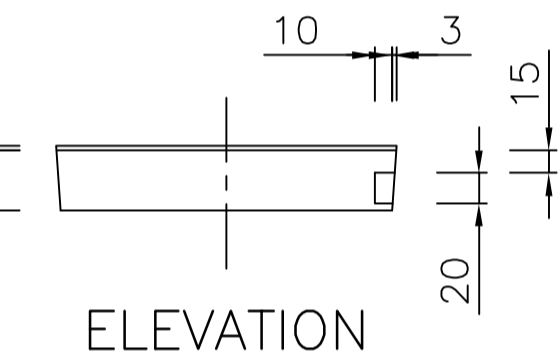


SECTION A-A

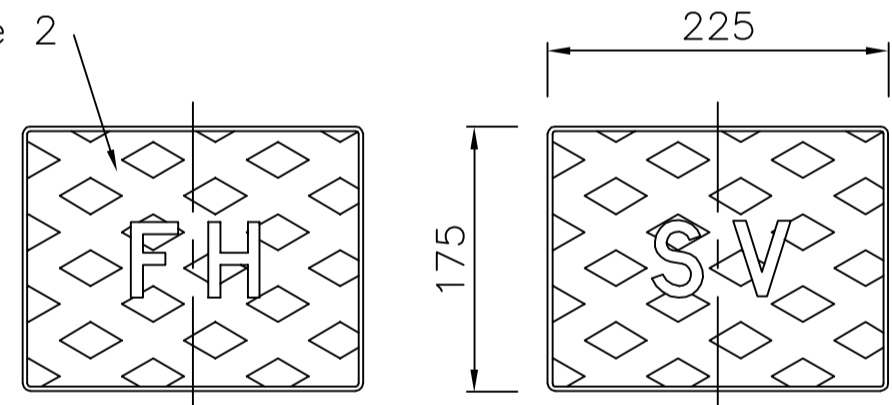


PLAN BODY



ELEVATION

Raised lettering and diamond pattern
Lettering min 50mm high
Refer Note 2



PLAN

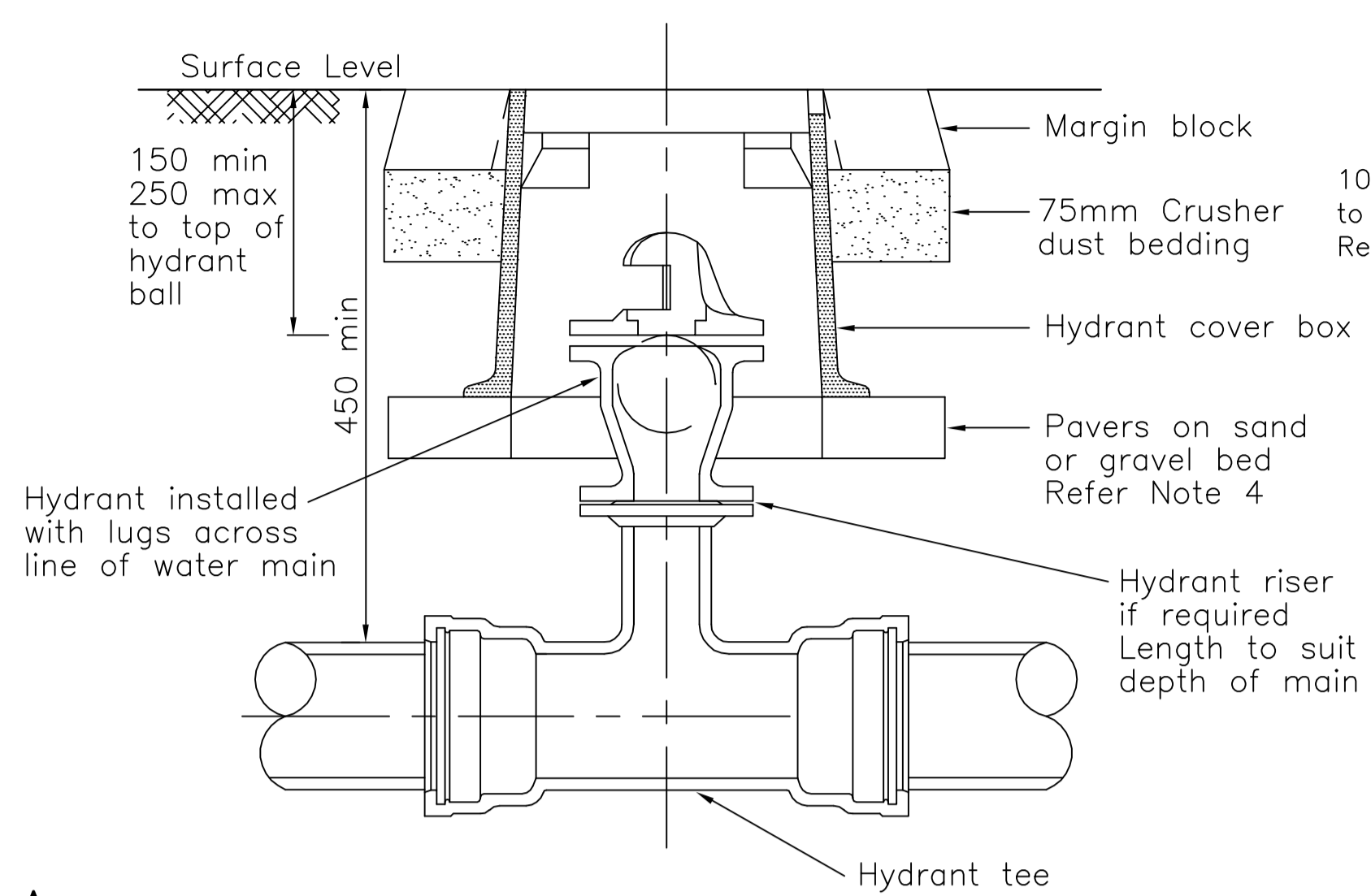
PLAN

LIDS

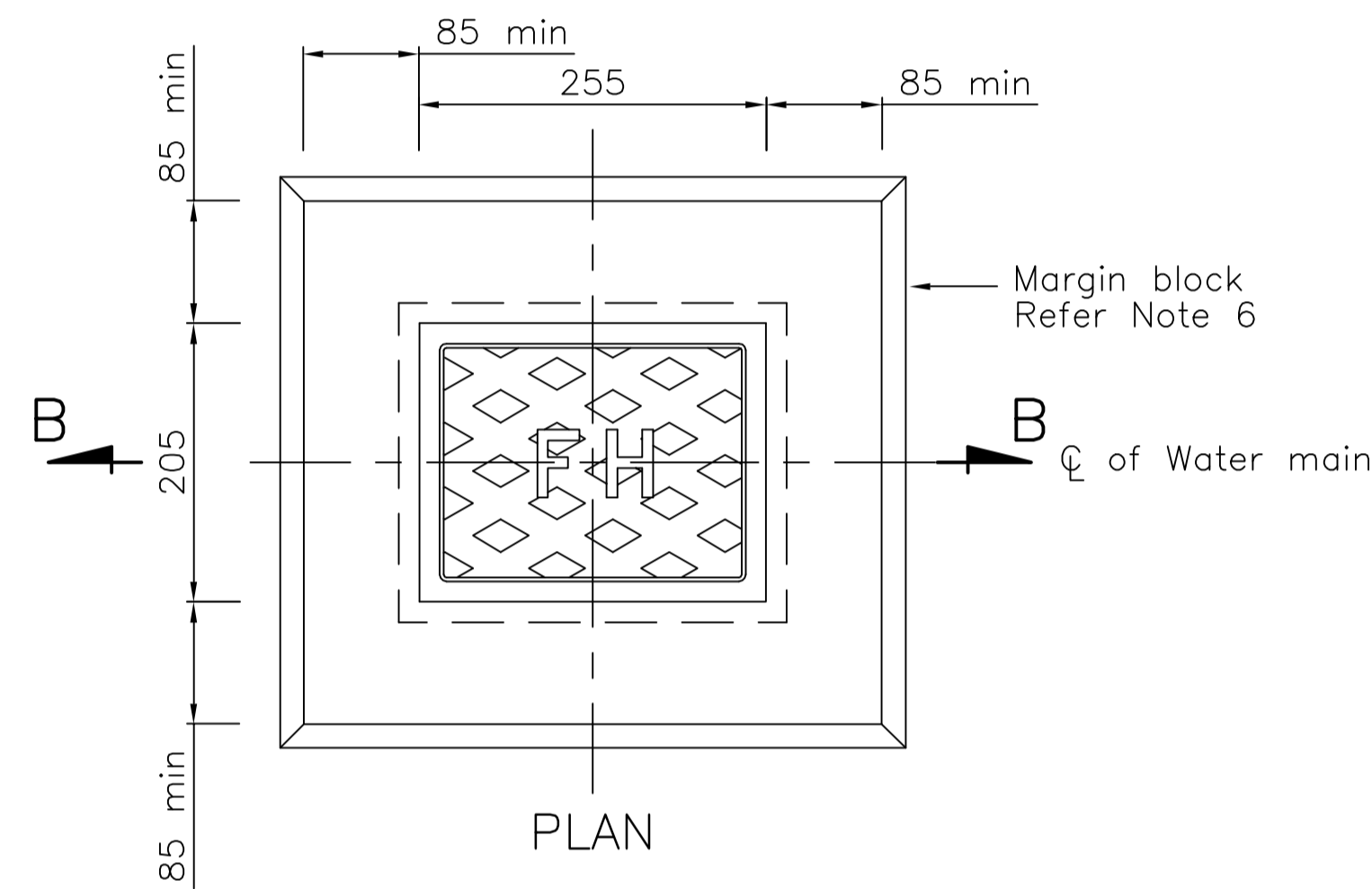
FIRE HYDRANT

SLUICE VALVE

HYDRANT & VALVE COVER BOXES



SECTION B-B

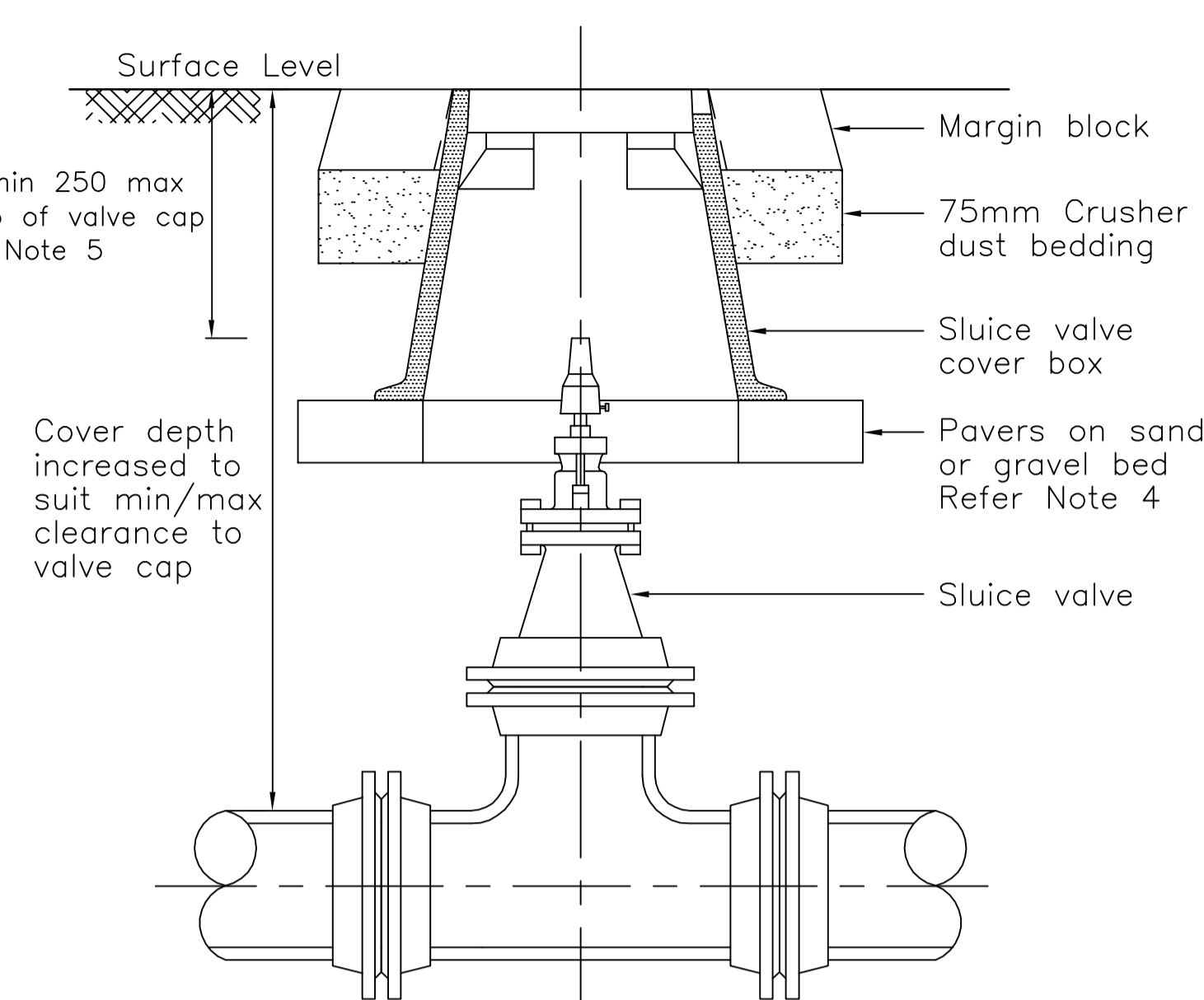


PLAN

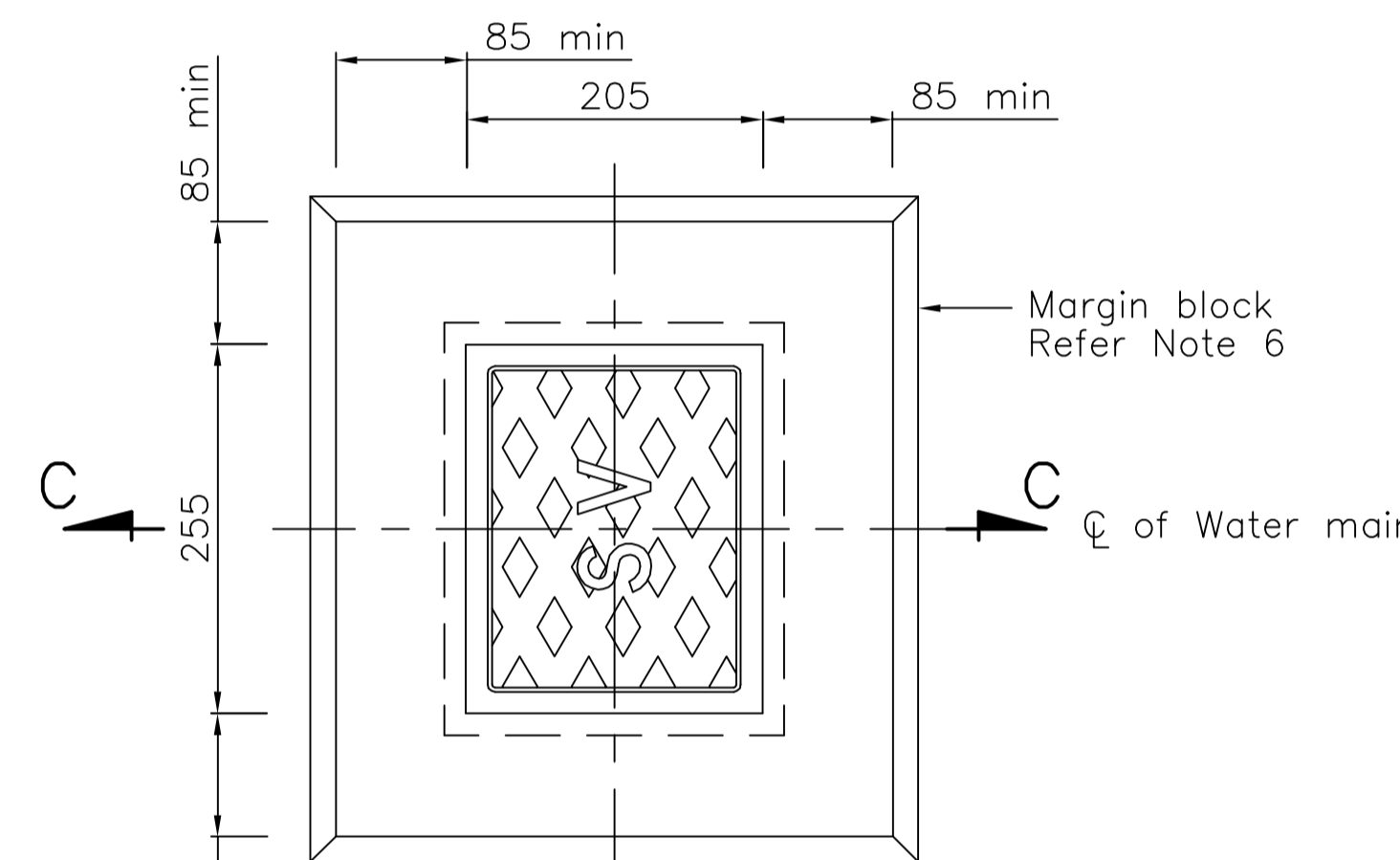


ELEVATION

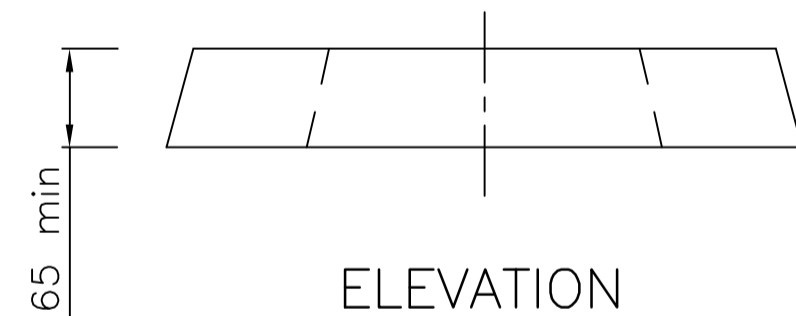
FIRE HYDRANT INSTALLATION



SECTION C-C

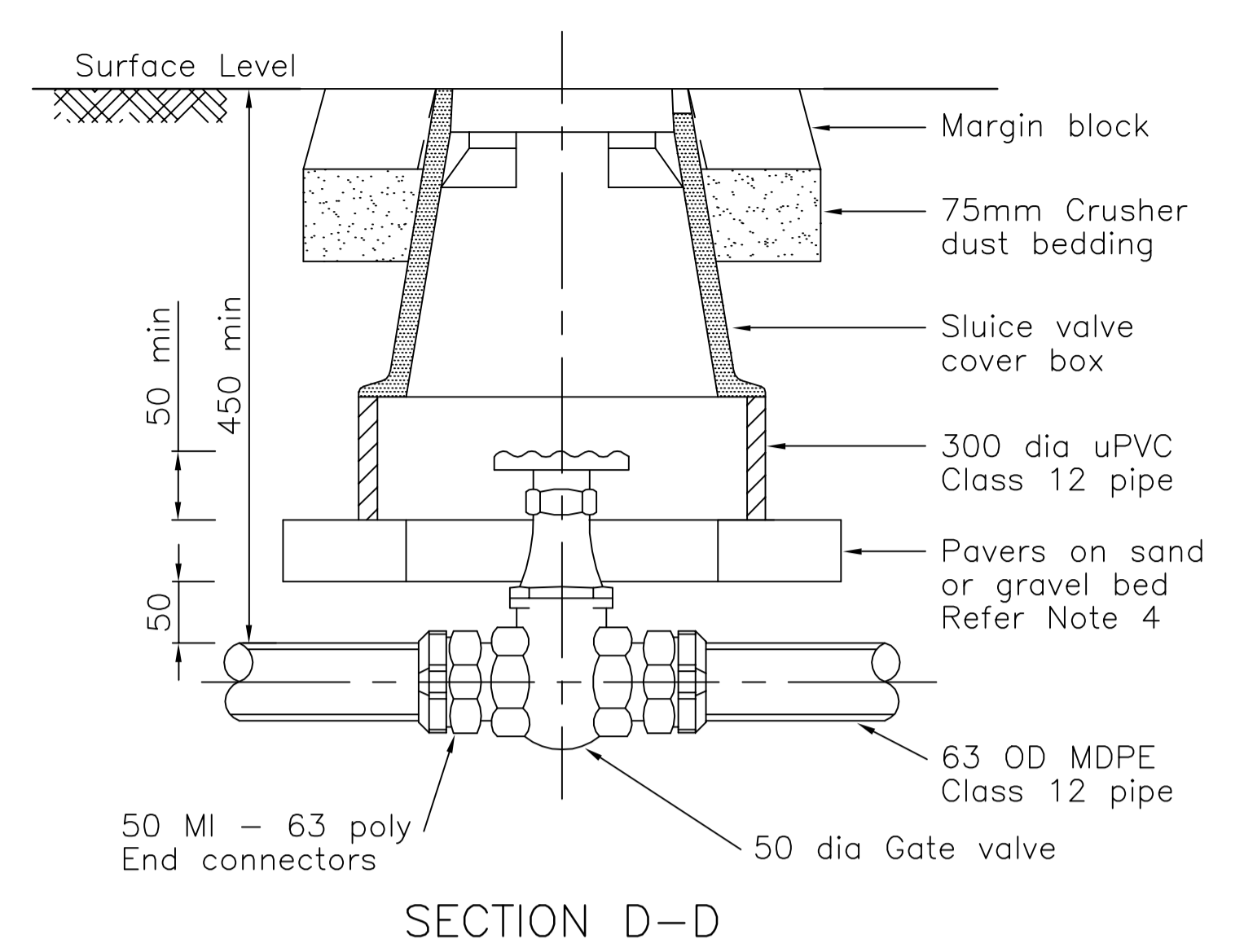


PLAN

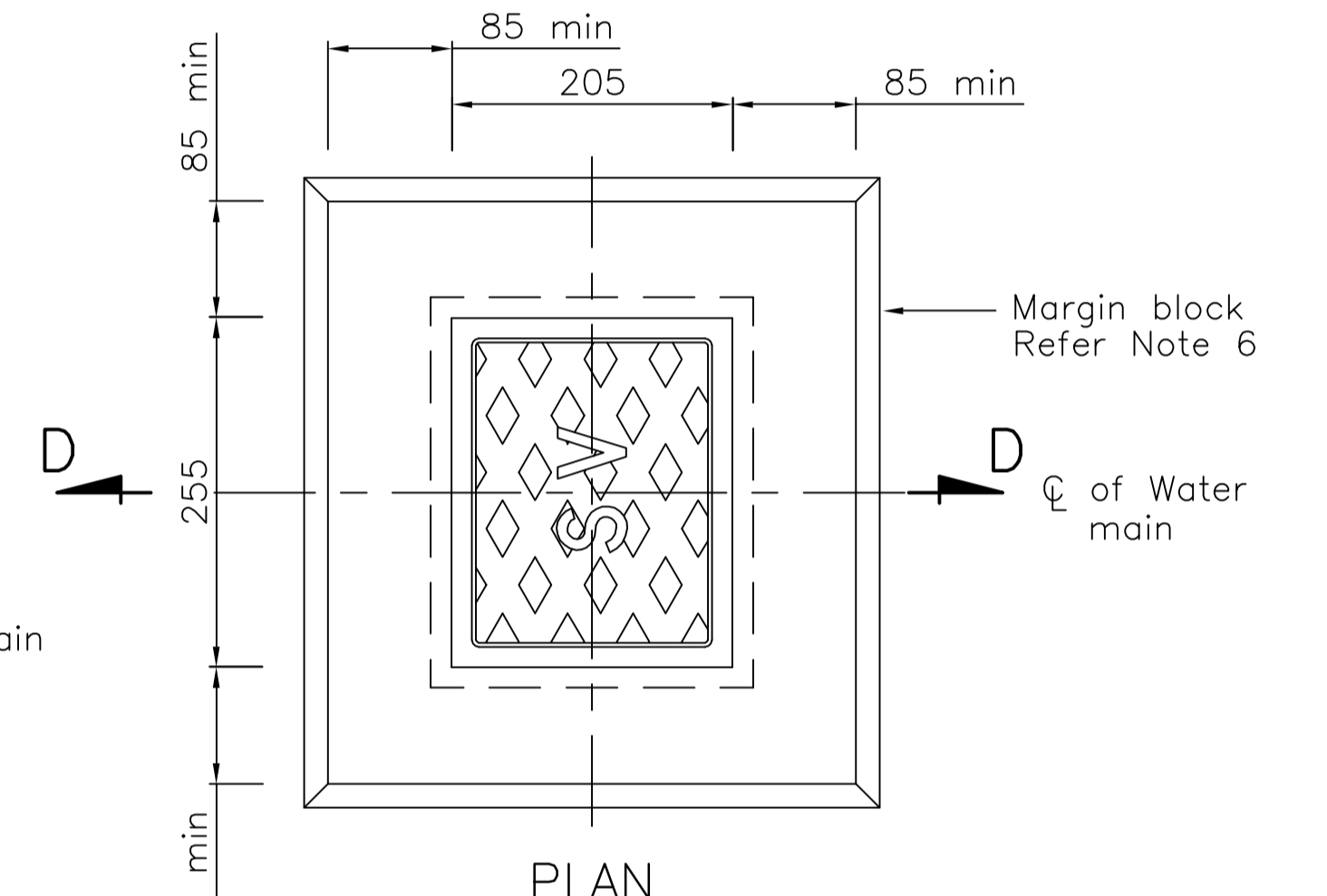


ELEVATION

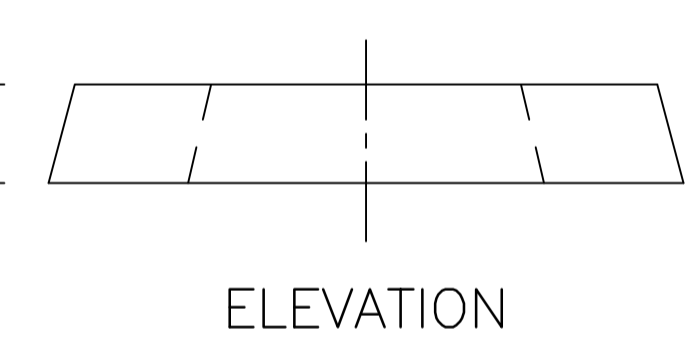
SLUICE VALVE INSTALLATION



SECTION D-D



PLAN



ELEVATION

50 DIA GATE VALVE INSTALLATION

NOTES


1. All dimensions are in millimetres unless noted otherwise.
2. Cover box bodies to be cast or ductile iron, bitumen coated. Lids to be cast or ductile iron coated with approved fusion bonded epoxy or nylon, coloured white for valves and yellow for hydrants. Alternatively lids may be approved coloured plastic with material thickness not less than for iron lids.
3. Plastic cover box lids are not permitted in trafficked areas.
4. Pavers to be rectangular concrete or clay, minimum 50mm thick set to support cover box with minimum clearance to valve or hydrant. Precast concrete ring may be used as an alternative.

5. Where top of sluice valve cap is required to be more than 250mm below FSL, a 300mm dia uPVC Class 12 or approved alternative vertical pipe is to be installed between the cover box and pavers similar to gate valve installation. Where top of valve cap is more than 750mm below FSL, a GS valve extension spindle is also to be installed. Refer IMAEQ Drawing No. W-0060.
6. Margin blocks to be approved compressed plastic 65mm thick minimum, Grade N20 concrete 100mm thick minimum, reinforced with WH423 mesh placed centrally or approved alternative. Dimensions of opening in margin block for cover box body to provide sliding fit over body.
7. Refer Drawing 10300 for marking location of valves and hydrants.

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NOTES : Not to Scale
Supersedes TW3A and TW5B

DISCLAIMER. The City of the Council of Thuringowa shall have no liability or responsibility to the user or any other person or entity with respect to any liability, loss or damage caused or alleged to be caused, directly or indirectly, by the adoption and use of these Standard Drawings. Persons must not rely on these Standard Drawings as the equivalent of, or a substitute for, project-specific design and assessment by an appropriately qualified professional.



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DRAWN: NRN	Engineer Approved: Original Signed by C.Phillips Date: 10/12/1999
CHECKED: WJP	D.E.S. Approved: Original Signed by K.Shephard Date: 10/12/1999

**VALVE AND HYDRANT COVER BOXES
AND INSTALLATION DETAILS**

**STANDARD
DRAWING
WATER**

10315

A

No.	DATE	DESCRIPTION	AP'D
A	1/7/99	ORIGINAL ISSUE	
REVISIONS			