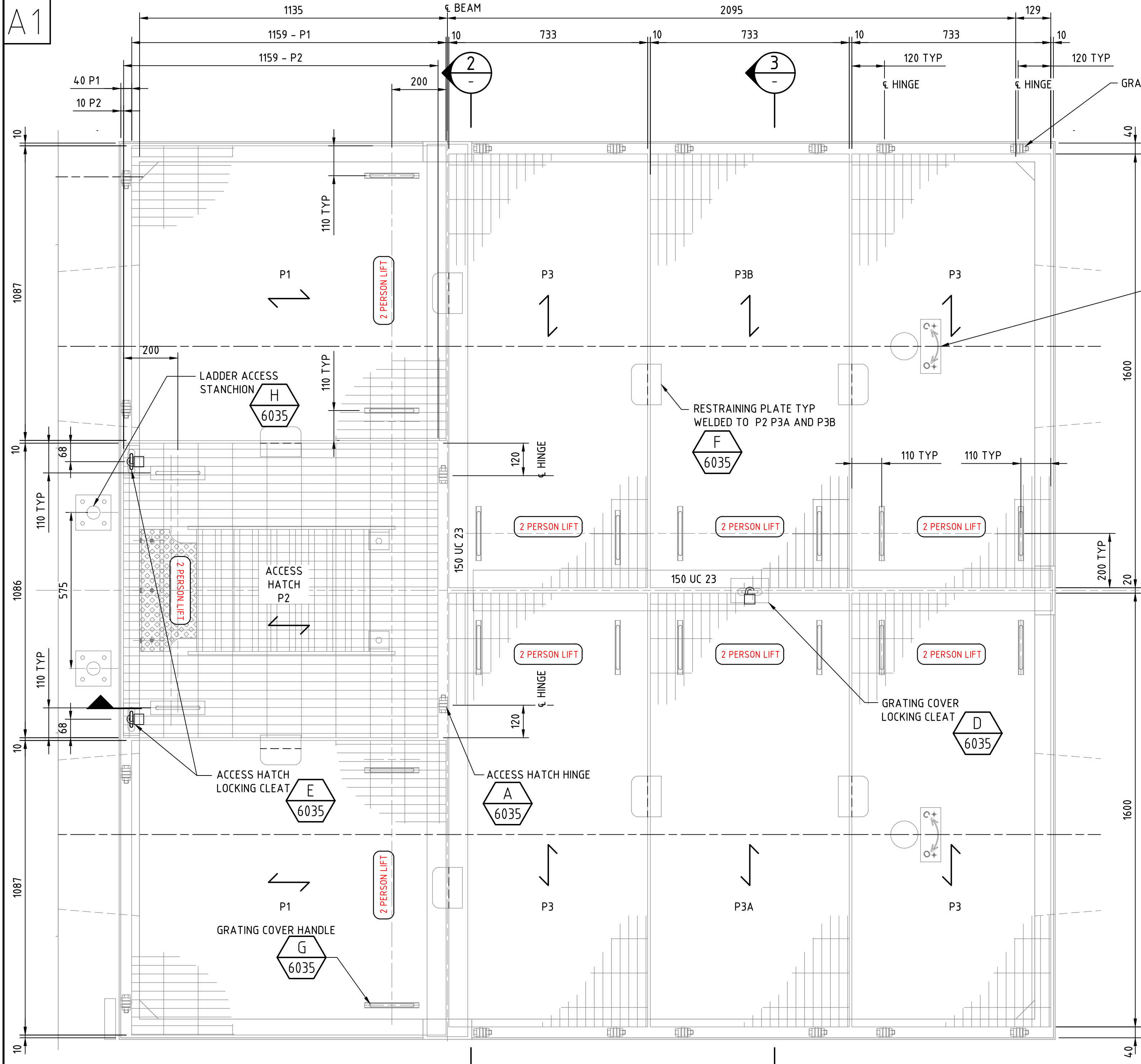
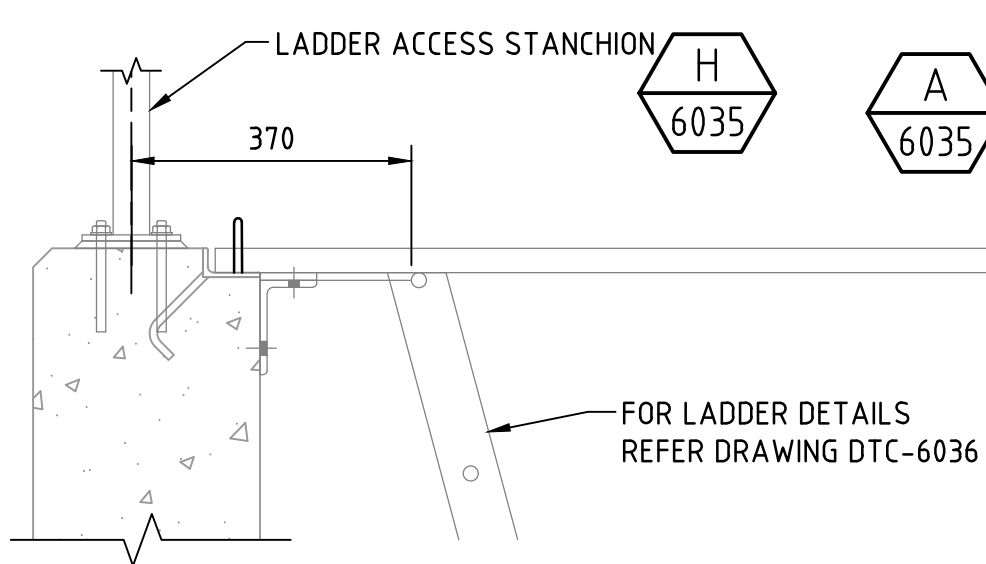


A1



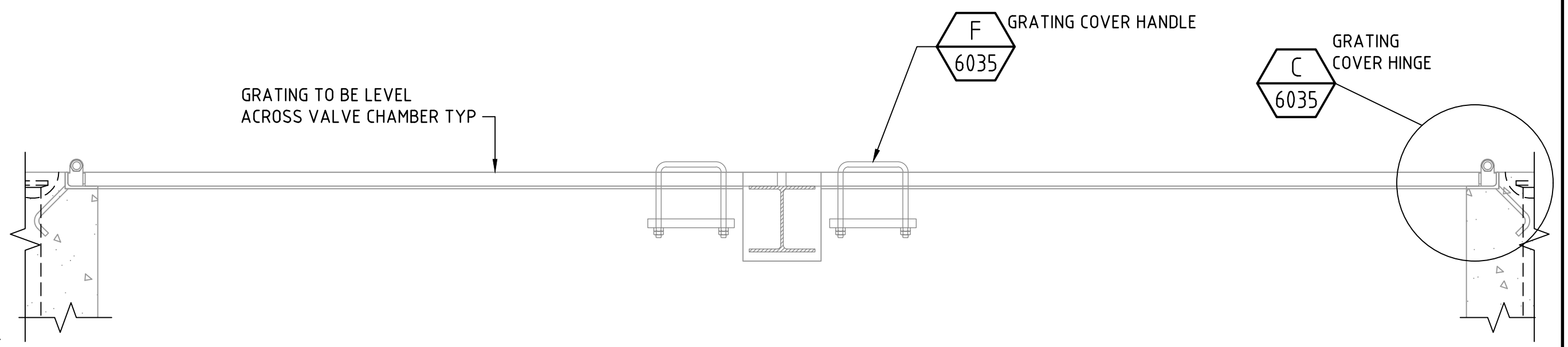
VALVE CHAMBER COVER - PLAN

SCALE 1:10



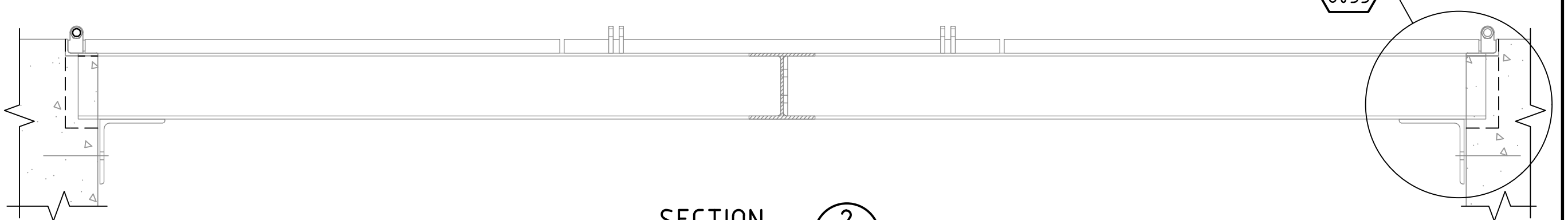
SECTION 1

SCALE 1:20



SECTION 3

SCALE 1:20



SECTION 2

SCALE 1:20

THIS DRAWING MAY ONLY BE USED IN THE COURSE OF AND FOR THE PURPOSE OF CREATING SYDNEY WATER ASSETS. USE THIS DRAWING WITH CARE. THE USER IS RESPONSIBLE FOR THE CORRECT APPLICATION OF THIS DRAWING. THE USE OF DTC DRAWINGS IS SUBJECT TO TERMS AND CONDITIONS AS PUBLISHED BY SYDNEY WATER.

NOTES:

1. REFER TO DRAWING DTC-6001 FOR GENERAL NOTES.
2. ALL PANEL EDGES AND CUT OUTS TO BE FITTED WITH EDGE BARS. ALL EDGE BARS 5mm THICK AND WELDED AT EVERY SECOND LOAD BAR.
3. ALL GRATING WEBFORGE GRATING C325 MSG SERRATED AND BANDED.
4. COVERS DESIGNED FOR 2.5kPa MAXIMUM PEDESTRIAN LIVE LOAD.
5. FOR ALL VALVE SPINDLE ACCESS CUT OUTS, CUT Ø90mm HOLES CENTRALLY POSITIONED OVER THE VALVE EXTENSION SPINDLES AND WELD 5mm THICK CIRCULAR RINGS PRIOR TO HOT DIP GALVANISING OF GRATES TO AS4680.

GRATING PANEL SCHEDULE

ITEM	NUMBER OFF	GRATING TYPE	MASS (KG) PER PANEL	SIZE	REMARKS
P1	2	C325MSG	43.4	1159x1087	-
P2	1	C325MSG	43.4	1159x1086	WITH RESTRAINING PLATES
P3	4	C325MSG	40.4	1600x733	-
P3A	1	C325MSG	40.4	1600x733	WITH RESTRAINING PLATES AND Ø10 PADLOCK LOCKING ROD
P3B	1	C325MSG	40.4	1600x733	WITH RESTRAINING PLATES AND 6PL PADLOCK LOCKING CLEAT

NOTE: LIFTING MASS = HALF OF THE PANEL MASS

Sydney
WATER

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APPROVED

NORBERT SCHAEFER
MANAGER - ENGINEERING

ENGINEERING & TECHNICAL SUPPORT

DEEMED TO COMPLY DRAWINGS

SEWAGE PUMPING STATION
VALVE CHAMBER - ACCESS HATCH & COVERS
PLAN & SECTIONS

DTC
6034

ISSUE	DATE
A	25/06/21

LETTER	DETAILS OF ISSUE / AMENDMENT	APP'D	DATE
A	ORIGINAL ISSUE (PREVIOUSLY DRAWING DTC/6023 & DTC/6024)	NS	25/06/21