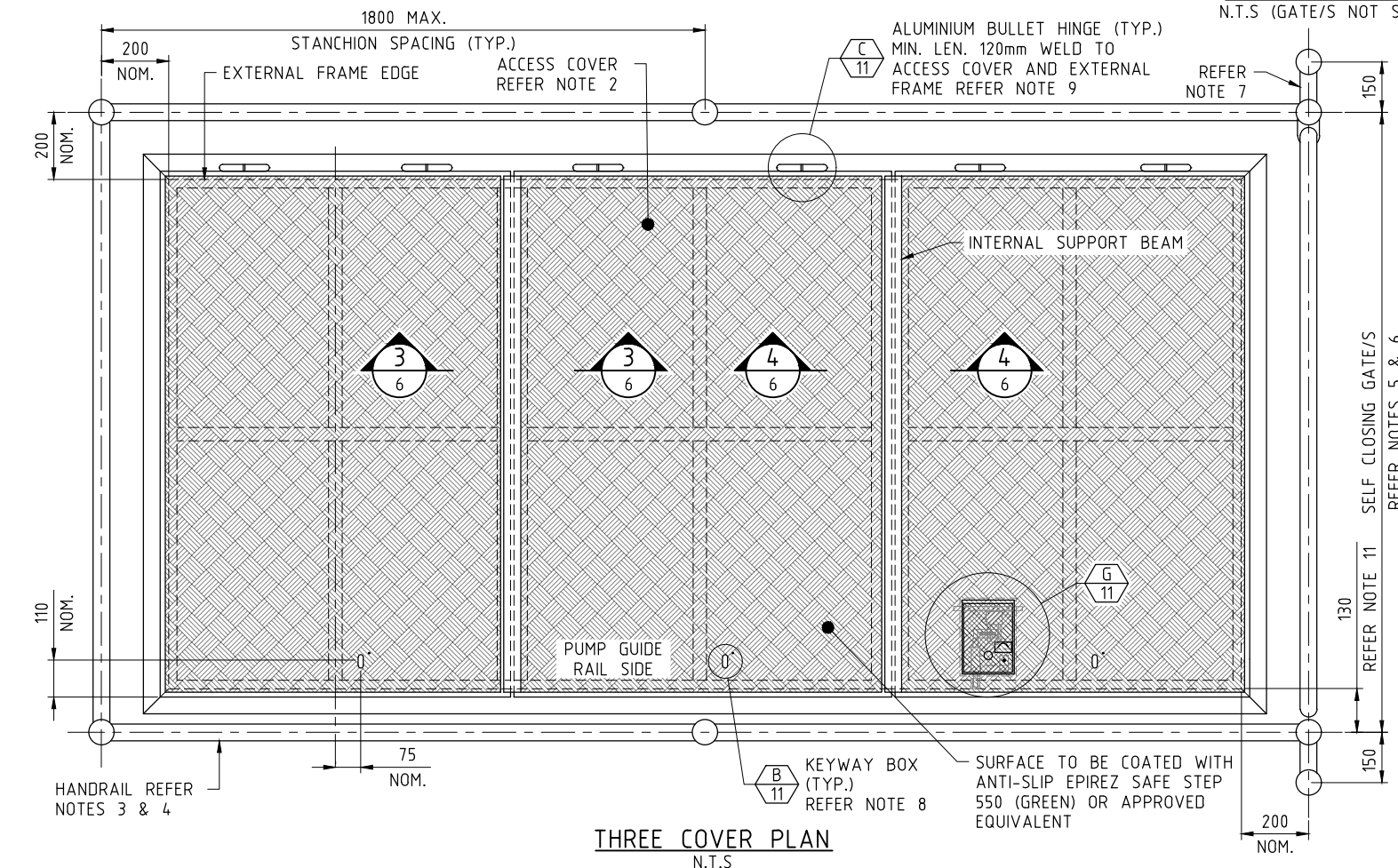
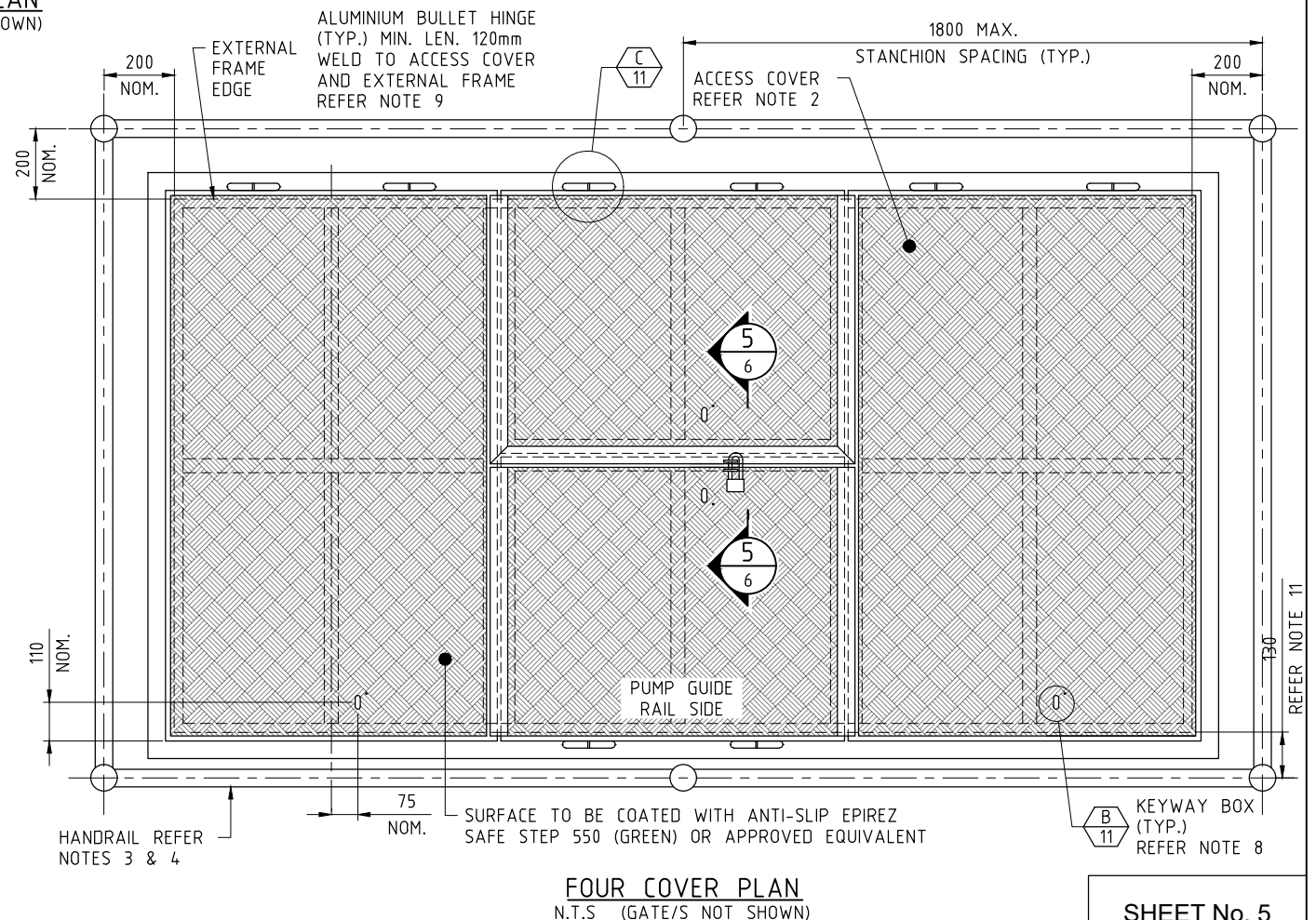


SINGLE COVER PLAN (ALONG FACE OF PUMP GUIDE RAIL)
N.T.S (GATE/S NOT SHOWN)

DUAL COVER PLAN
N.T.S (GATE/S NOT SHOWN)



THREE COVER PLAN
N.T.S



FOUR COVER PLAN
N.T.S (GATE/S NOT SHOWN)

NOTES

- REFER DRG NO. S.D.221-01 FOR GENERAL AND MATERIAL NOTES.
- REFER DRG NO. S.D.221-06 FOR WET-WELL ACCESS COVER DETAILS.
- HANDRAIL LAYOUT AND GATE LOCATION/S ARE INDICATIVE ONLY, REFER DRG NO. S.D.220-10 FOR ARRANGEMENT OPTIONS AND DRG NO. S.D.221-09 FOR DETAILS.
- HANDRAIL TOEBOARDS ON THE PUMP GUIDE RAIL SIDE SHALL HAVE A 'HINGED AT BOTTOM' CONNECTION, REFER TYPE 2 TOEBOARD CONNECTION DETAIL ON DRG NO. S.D.221-09.
- SELF CLOSING GATE/S WITH ACCESS COVERS OPENING TOWARDS AND BENEATH THEM, SHALL HAVE TOEBOARDS WITH A 'HINGED AT TOP' CONNECTION, REFER TYPE 3 TOEBOARD CONNECTION DETAIL ON DRG NO. S.D.221-09.
- SELF CLOSING GATE/S SHALL SWING OUTWARDS AND THE NUMBER OF GATE/S REQUIRED SHALL BE AS FOLLOWS:
 - A SINGLE GATE FOR SPANS BETWEEN STANCHIONS OF UP TO A MAXIMUM OF 1500mm.
 - DOUBLE GATES FOR SPANS BETWEEN STANCHIONS GREATER THAN 1500mm AND UP TO A MAXIMUM OF 2400mm.
- WHERE GATES SPAN THE ENTIRE LENGTH OF A HANDRAIL'S SIDE AND WHERE DEEMED NECESSARY, ADDITIONAL STANCHIONS AND RAILS SHALL BE PROVIDED EITHER SIDE OF THE GATE/S TO INCREASE HANDRAIL STABILITY.
- FOR COVERS WITH A TOTAL LIFTING WEIGHT LESS THAN 16kg, A SINGLE KEYWAY BOX SHALL BE PROVIDED CENTRALLY (REFER THREE AND FOUR COVER PLANS), UNLESS REQUESTED OTHERWISE BY THE PRINCIPAL. FOR COVERS WITH A TOTAL LIFTING WEIGHT GREATER THAN 16kg, DUAL KEYWAY BOXES AND AN ETCHED WARNING PLATE SHALL BE PROVIDED (REFER SINGLE AND DUAL COVER PLANS).
- BULLET HINGES SHALL BE ORIENTATED IN OPPOSITE DIRECTIONS TO RESTRICT THE REMOVAL OF THE COVER.
- WET WELL COVERS SHALL BE COMPLETELY SEALED WITH 'TESA' PERMAFOAM TAPE OR APPROVED EQUIVALENT, REFER TYPICAL SEALING TAPE CORNER DETAIL AND NOTE 3 ON DRG NO. S.D.221-05.
- HANDRAIL SHALL HAVE A 130mm OFFSET ON THE PUMP GUIDE RAIL SIDE ONLY.

S.D.221-05_25/07/2022 8:49:22 AM

B	GENERAL REVISION	CAH	07.22
A	ORIGINAL ISSUE	CAH	06.22
ISSUE	AMENDMENT DETAILS	INITIALS	DATE



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DESIGN ENGINEER	<i>Alan</i>	DATE	JUNE 2022
W & WW MANAGER	<i>Anthony Bonham</i>	DATE	JUNE 2022
DRAWN	INFRASTRUCTURE DELIVERY UNIT - DESIGN		
SCALE	NOT TO SCALE		

PROJECT: **SEWERAGE WORKS STANDARDS**
DRAWING TITLE: **WET-WELL ACCESS COVERS WITH HANDRAILS
GENERAL ARRANGEMENT PLANS**

SHEET No. 5
DRAWING NUMBER: **S.D.221-05**
JUNE 2022

ACAD FILE No: G:_AAA TSC STANDARD DRAWINGS\200 SEWERAGE WORKS\DRAGTS-DONT USE\SD.221-05 (July-22 Rev B).dwg