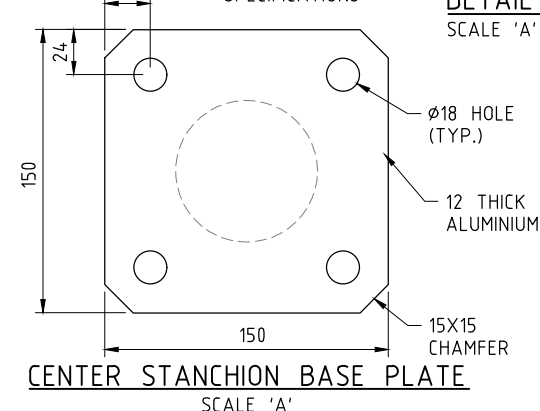
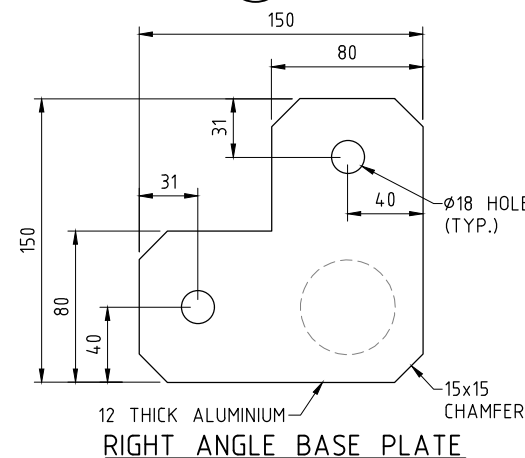
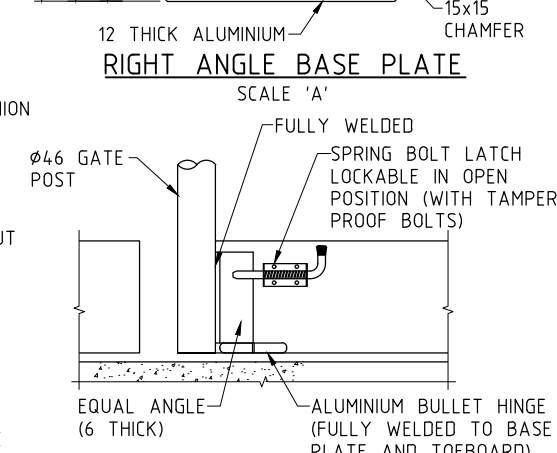
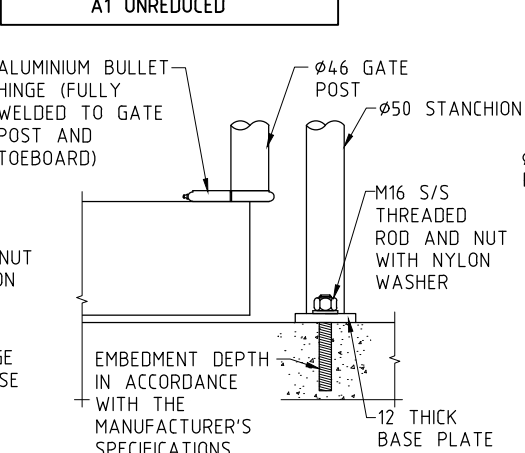
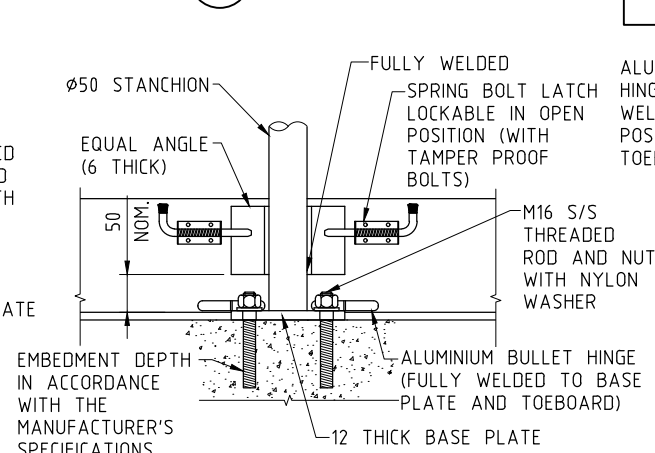
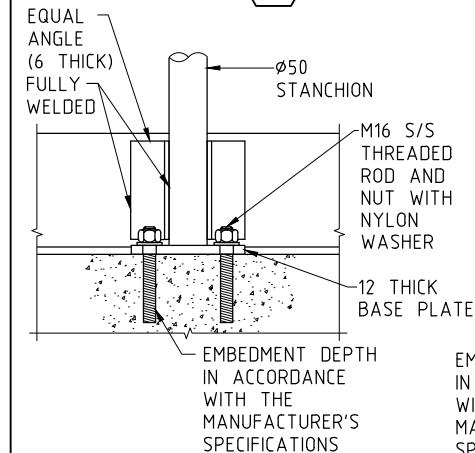
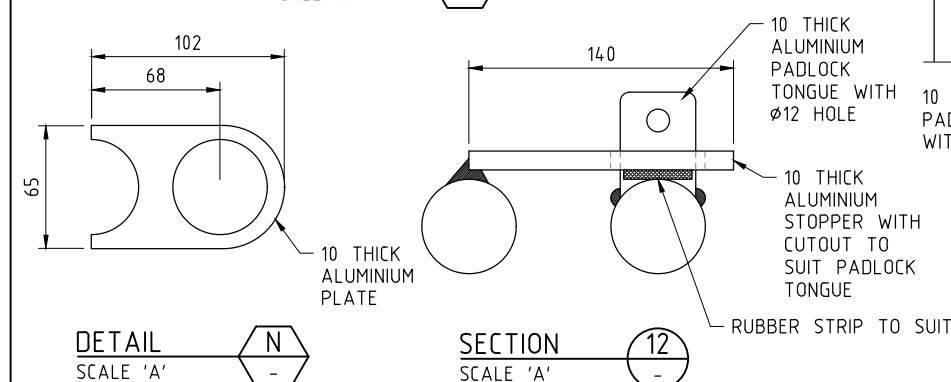
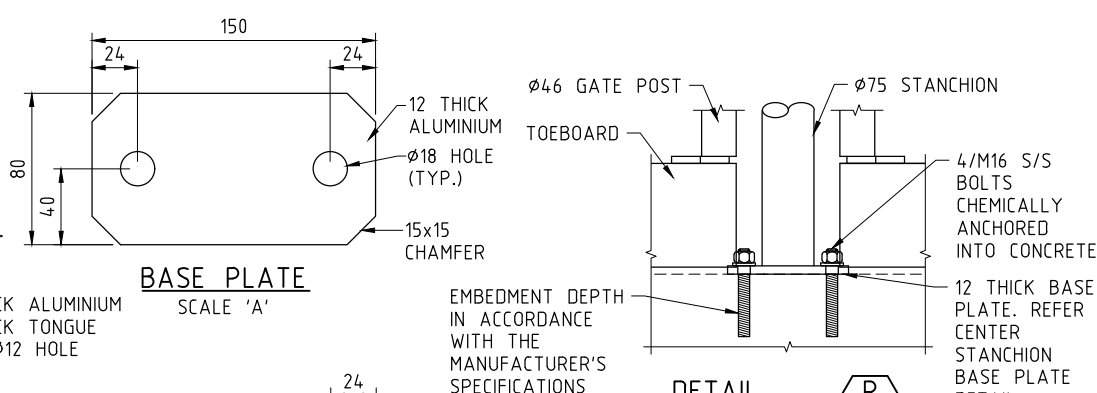
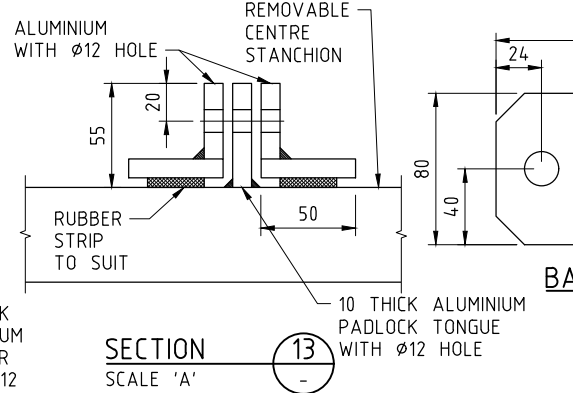
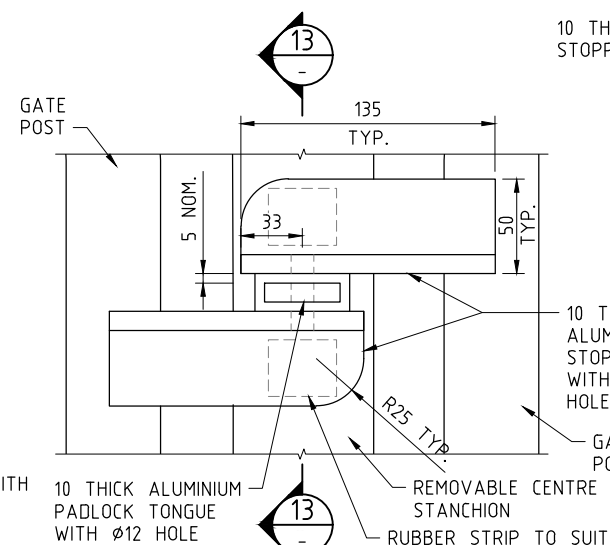
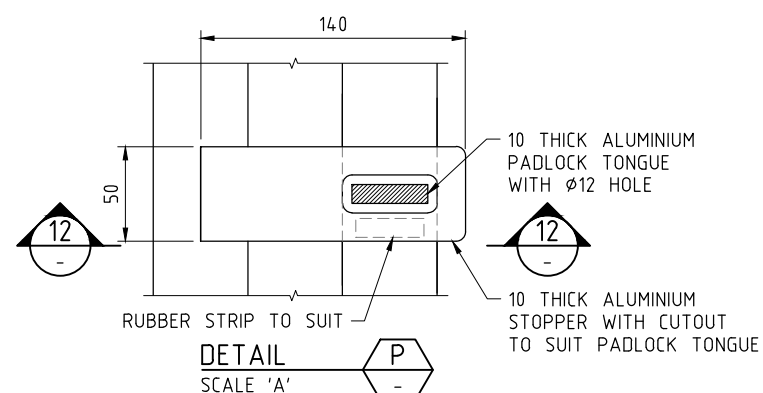
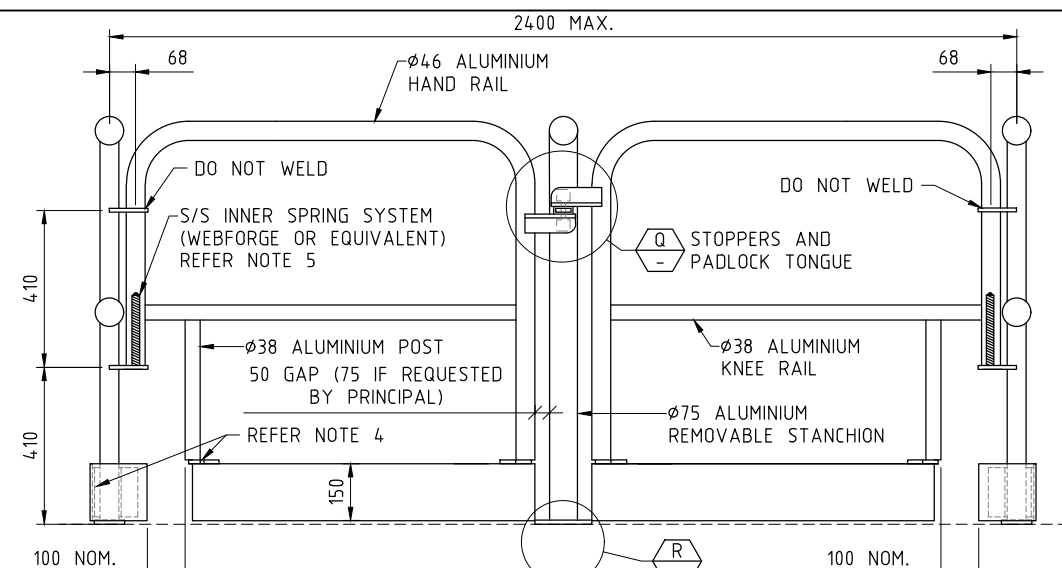
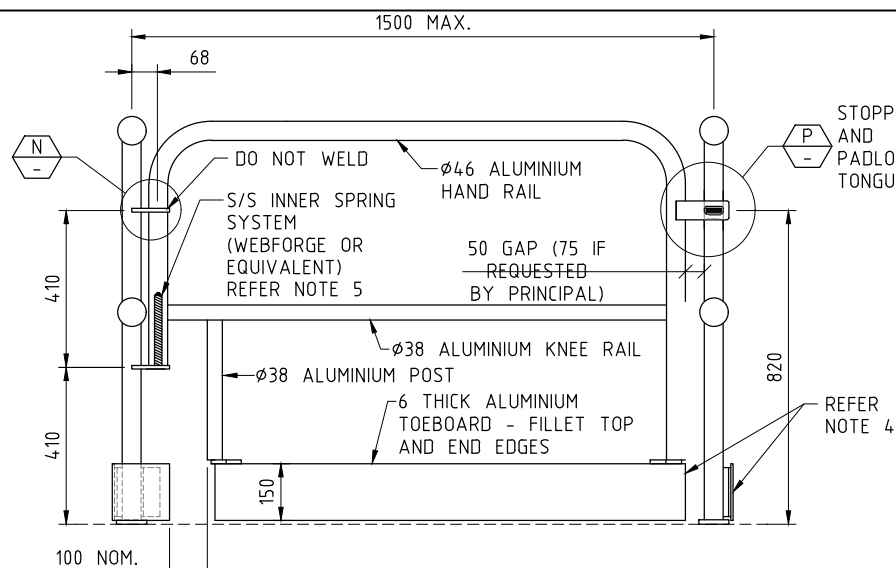
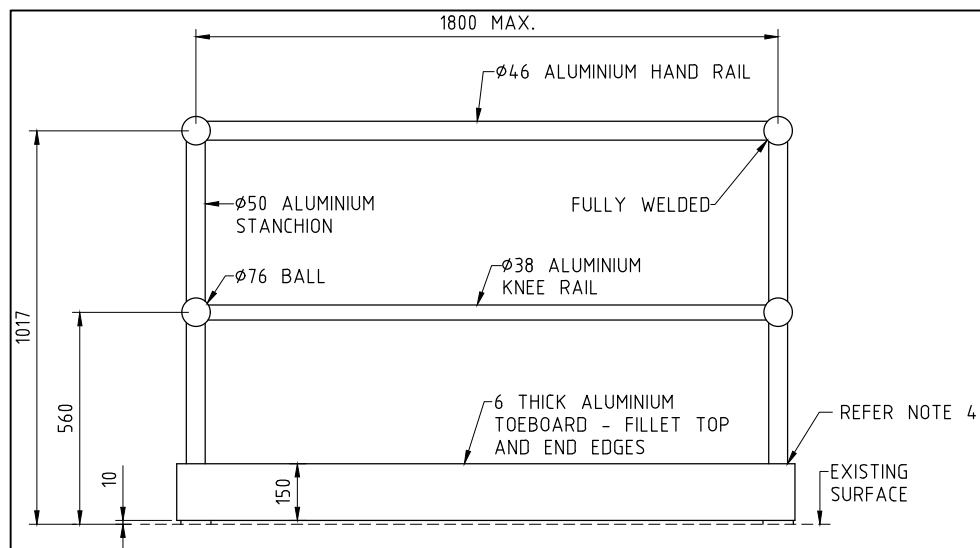




- ## NOTES

1. REFER DRG NO. S.D.221-01 FOR GENERAL AND MATERIAL NOTES.
2. REFER DRG NO. S.D.221-04 FOR HANDRAIL ARRANGEMENTS.
3. HANDRAILS SHALL BE WEBFORGE OR APPROVED EQUIVALENT.
4. TOEBOARDS SHALL BE PROVIDED ON ALL SIDES AND CONNECTED AS FOLLOWS TO EACH STANCHION:
 - 4.1. TYPE 1 - TYPICAL CONNECTION DETAIL.
 - 4.2. TYPE 2 - CONNECTION DETAIL FOR HANDRAILS ON THE PUMP GUIDE RAIL SIDE.
 - 4.3. TYPE 3 - CONNECTION DETAIL FOR GATES WITH COVERS OPENING TOWARDS AND FALLING BENEATH THEM.
 - 4.4. TYPE 4 - CONNECTION DETAIL FOR GATES ON THE PUMP GUIDE RAIL SIDE.
5. THE SELF CLOSING GATE BOTTOM AND TOP HINGES SHALL HAVE A NYLON SLEEVE OR APPROVED EQUIVALENT.
6. THE SELF CLOSING GATE SHALL OPEN TO A MIN. 110 DEG. AND BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

TOEBOARD CONNECTION DETAIL
(TYPE 1 - FIXED ENDS)
SCALE 'B'

TOEBOARD CONNECTION DETAIL
(TYPE 2 - HINGED AT BOTTOM)
SCALE 'B'

GATE TOEBOARD CONNECTION DETAIL
(TYPE 3 - HINGED AT TOP)
SCALE 'B'

GATE TOEBOARD CONNECTION DETAIL
(TYPE 4 - HINGED AT BOTTOM)
SCALE 'B'

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



DESIGN UNIT

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DESIGN ENGINEER	 DATE JUNE 2022
W & WW MANAGER	 DATE JUNE 2022
DRAWN	INFRASTRUCTURE DELIVERY UNIT - DESIGN
SCALE	AS SHOWN

PROJECT:

SEWERAGE WORKS STANDARDS

	DRAWING TITLE:
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HANDRAILS AND TOEBOARDS DETAILS

SHEET No. 10

DRAWING NUMBER:
S.D.221-10

JUNE 2022

ACAD FILE No: G:\AAA TSC STANDARD DRAWINGS\200 SEWERAGE WORKS\1DRAFTS-DONT USE\5.D 221-10 (July-22 Rev B).dwg