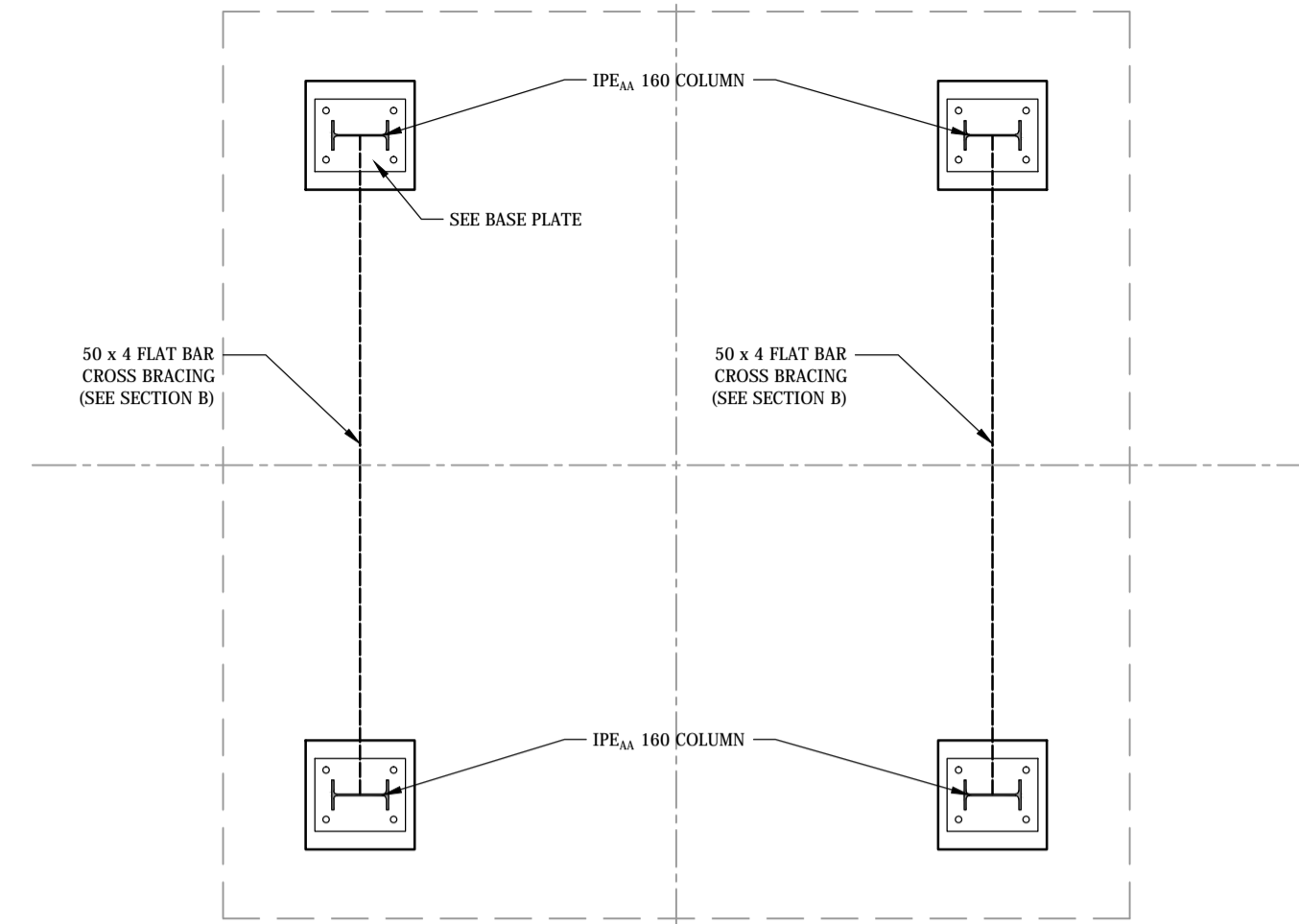
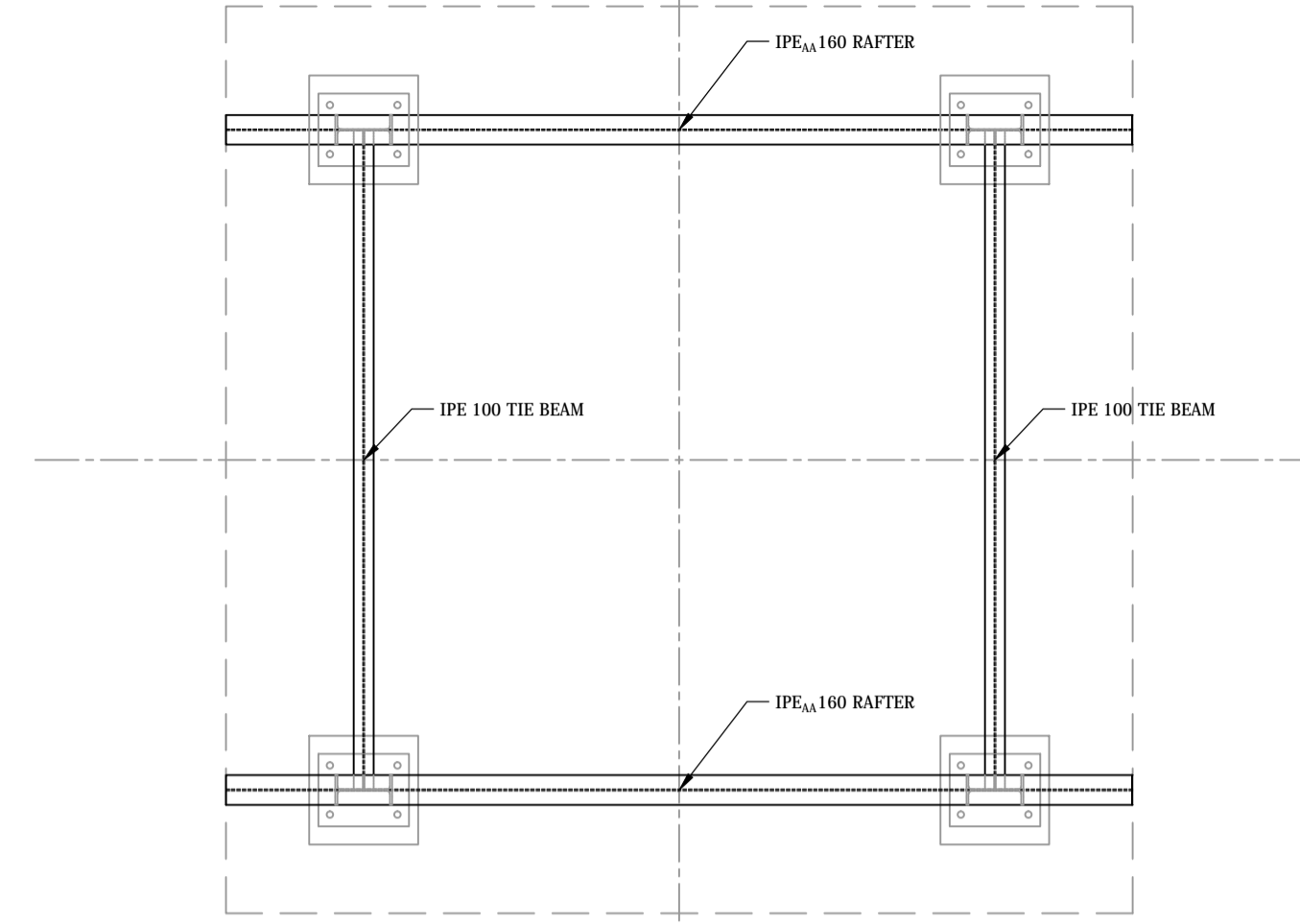


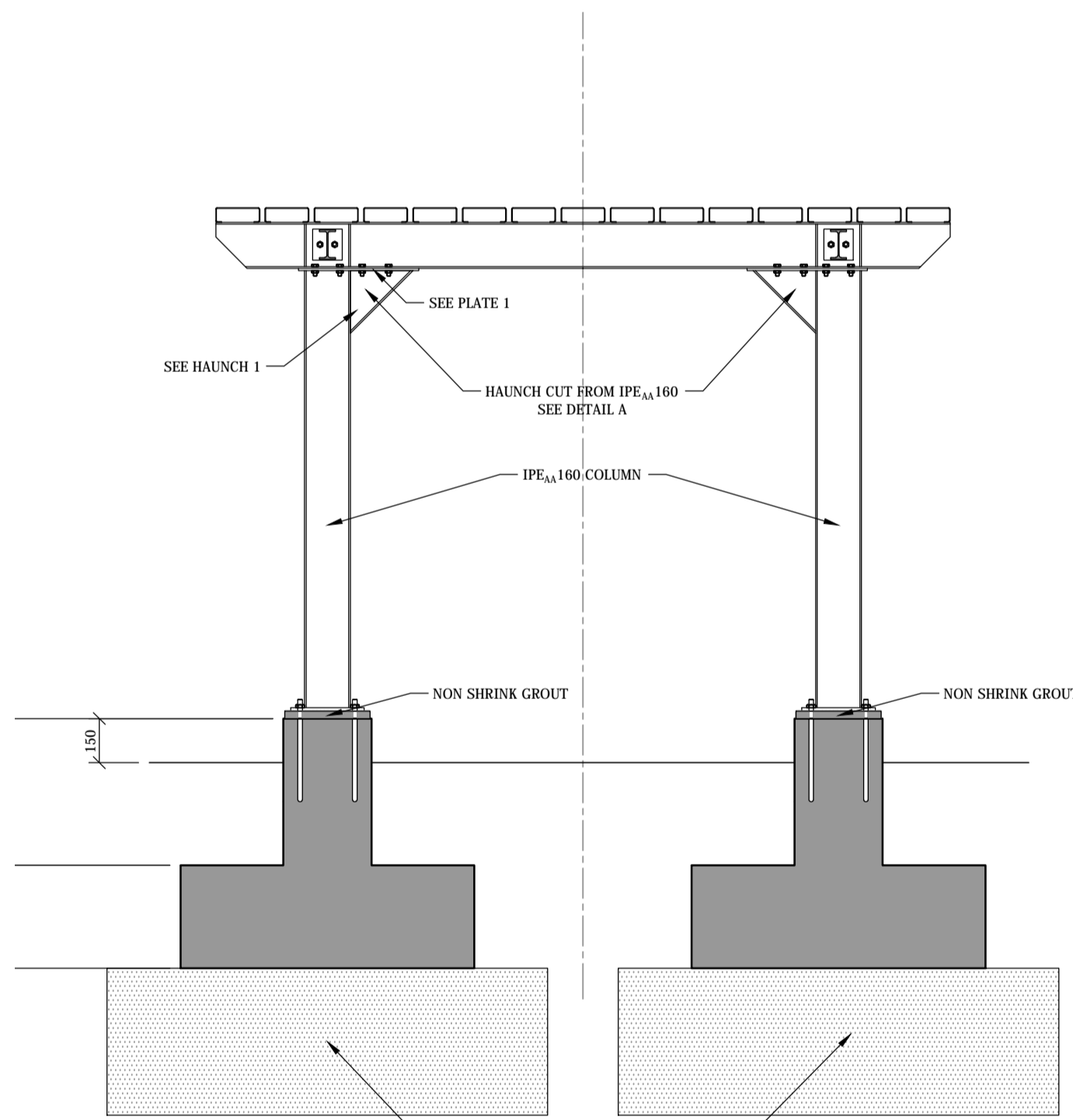
WATER TANK FOUNDATION LAYOUT
SCALE 1:20



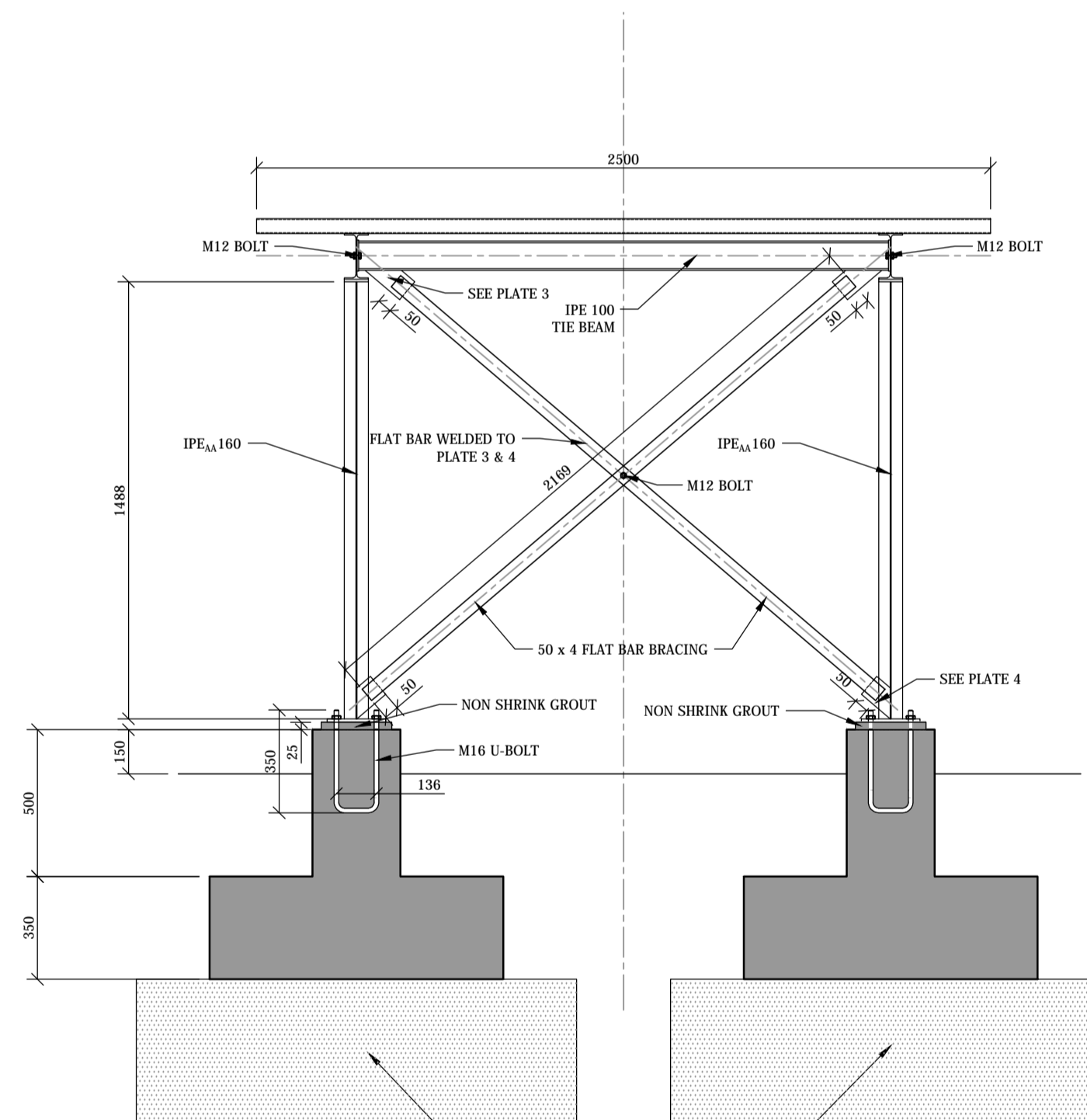
BASE PLATE & COLUMN LAYOUT
SCALE 1:20



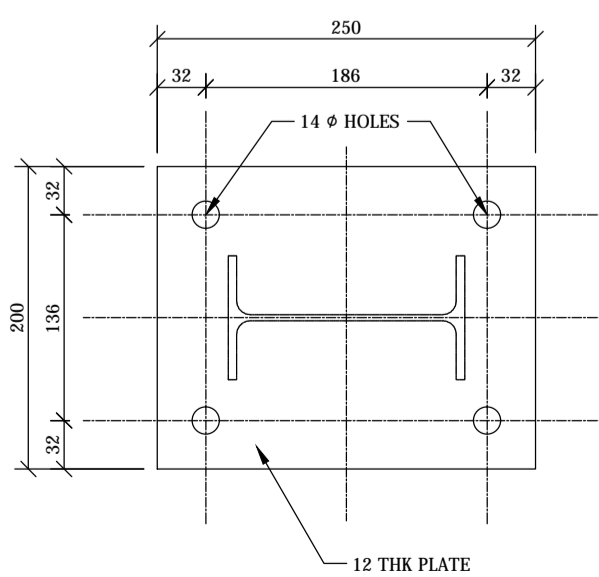
SUPPORT RAFTER LAYOUT
SCALE 1:20



SECTION A-A
SCALE 1:20



SECTION B-B
SCALE 1:20



BASE PLATE
SCALE 1:5

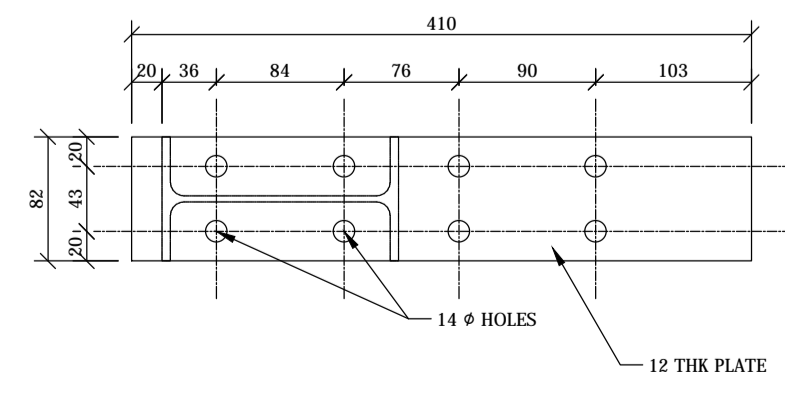
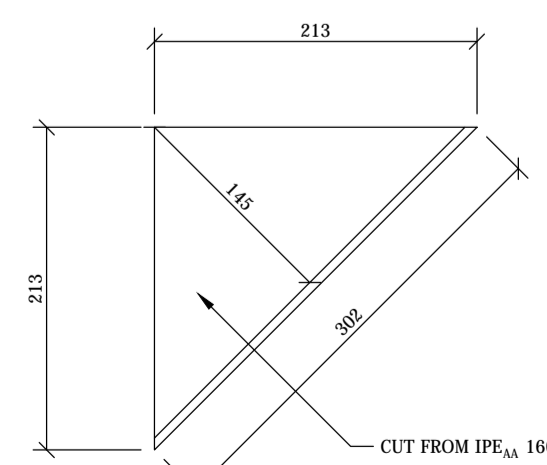


PLATE 1
SCALE 1:5



HAUNCH 1
SCALE 1:5

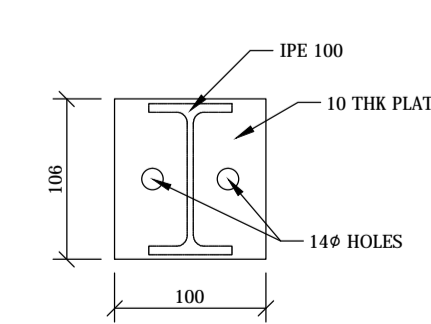


PLATE 2
SCALE 1:5

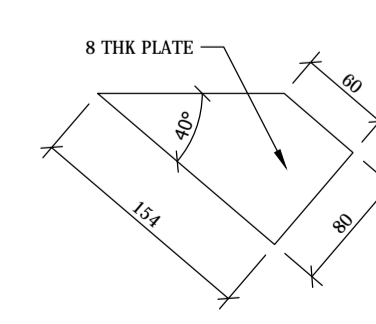


PLATE 3
SCALE 1:5

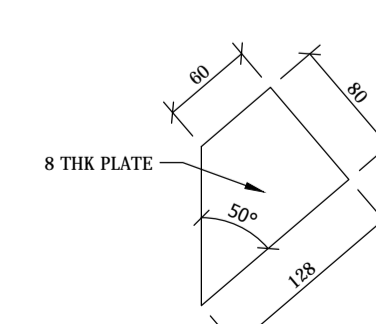
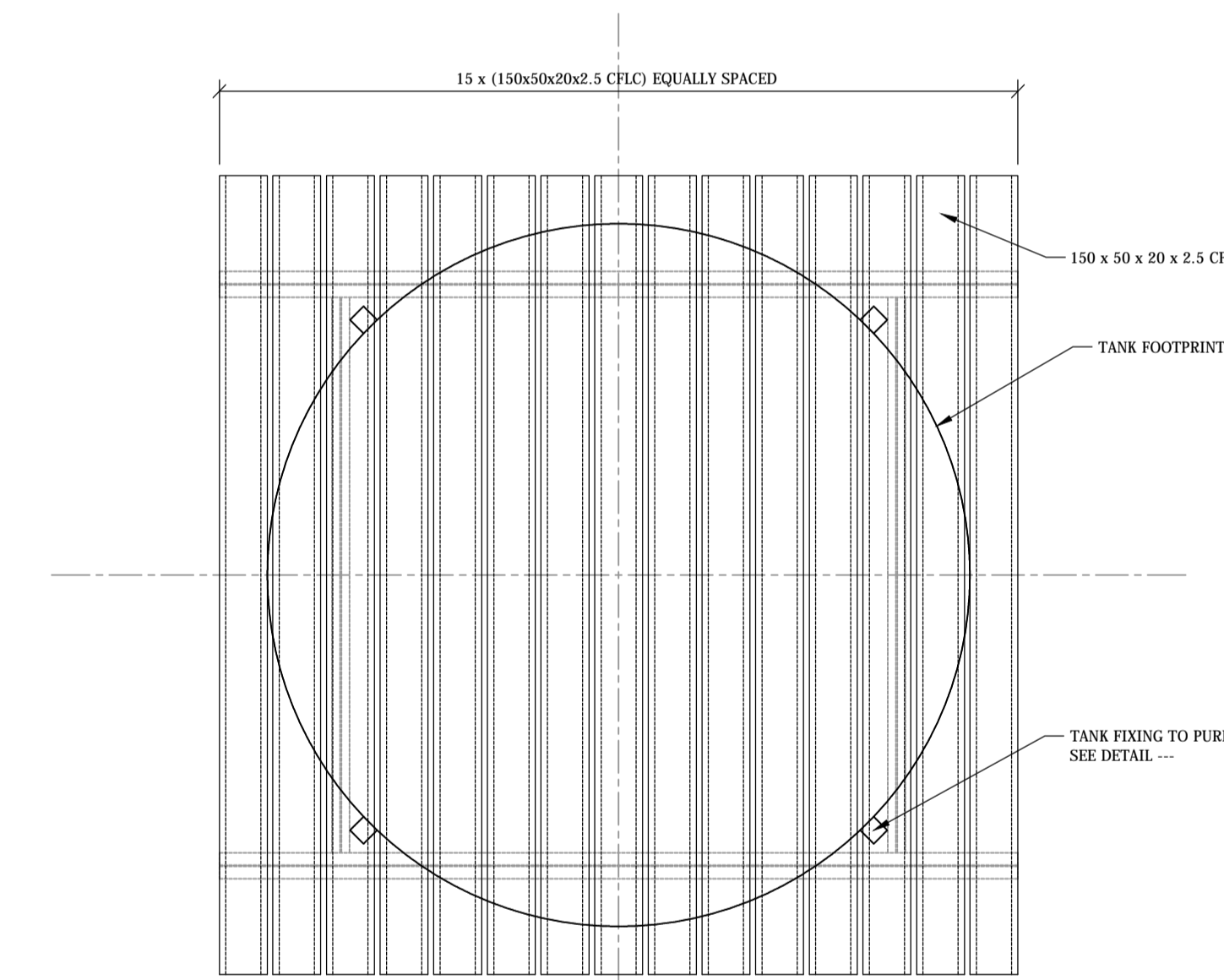


PLATE 4
SCALE 1:5



PURLIN LEVEL
SCALE 1:20

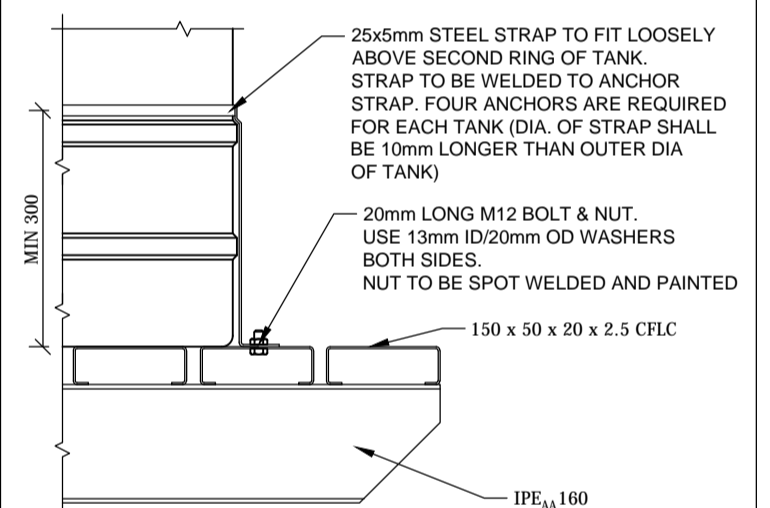
- GENERAL NOTES:**
- No part of this drawing must be scaled
 - All dimensions should be checked before any work on the site commences
 - Any discrepancies that may occur during the construction phase of this drawing must be brought immediately under the attention of the Engineer
 - All below-ground GMS Pipework are to be Dens-Wrapped
 - Cover to Flexible pipes to be at least 600mm below Natural Ground Level

CONSTRUCTION NOTES:

- Concrete Strength:
 - All concrete strengths to be 30MPa. Aggregate Size to be 19mm
 - All load-bearing brickwork to be plastered smooth and to receive 2 layers DPC prior to casting of concrete.
 - Foundations to be inspected by engineer prior to casting of any concrete.
 - All soffits levels of beams and slabs as per architect's instruction.
 - All reinforcement must be checked by engineer prior to casting of any concrete.
 - All laps for reinforcement to be 50x diameter of smaller bar.
 - Three test cube results (28 day test results) will be provided to the engineer for every batch (not more than 50 cubic meter of concrete) poured.

STEEL NOTES:

- Grade 350W steel to be used throughout.
- Internal dimensions given to the neutral axes.
- Overall dimensions are to outside dimensions.
- All welds to be continuous fillet welds with minimum throat thickness of at least thickness of thinner member.
- Grade 8.8 bolts to be used throughout.
- All structural steelwork to be workshop painted with two layers zinc chromate primer prior to erection.
- All steelwork and fixing details to be inspected by the engineer prior to installation.
- Contractor to submit all shop drawings for approval.
- Final paint specifications to client.



TANK FIXING DETAIL
N.T.S

No	Date	Revision	Initial
0	13/05/2013	For Design Report	AHO

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Project:
Nghisongwa Earth Dam

Drawing Title:
WATER TANK STAND

Date of Issue: 13/05/2013 Scale: AS SHOWN
 Drawing No.: **Y0013-S-03** Revision: **0**
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