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DESIGN ARE CON
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LER.

1. SHOP DETAILING, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SABS 0162-1984.
2. ALL STEEL SHALL BE MILD STEEL TO SABS 1431 GRADE
3. ESTIMATING SECTIONS, WARE ARE ACCEPTED TO LIST AVAILABLE SUPPLIES, PROVIDED THERE IS NO LOSS OF STRENGTH OR STIFFNESS OR, WHERE RELEVANT, APPEARANCE. HOWEVER, PRIOR CONSENT MUST BE OBTAINED FROM THE ENGINEER.
4. ALL STEEL SHALL BE 16mm MIN. FINISH SIZE. ALL STEEL STARTED DIMENSIONS WHERE MAX. FINISH JOINTS ARE BOLTED, SHOP DETAILING OF MEMBERS SHALL WARE PROVIDED FOR SIP AT JOINTS, TO PREVENT INTENDED ALIGNMENT. BOLTED JOINTS SHALL BE DESIGNED TO TRANSFER THE SHEAR FORCES AND MOMENTS
5. ALL BOLTS AND NUTS TO BE HOT DIPPED GALVANIZED
6. ALL WELDS TO BE 7mm FILLET CONTINUOUS UNLESS OTHERWISE NOTED. WELDING SHALL BE DONE BY QUALIFIED WELDERS TO THE SATISFACTION OF THE ENGINEER. SITE WELDING SHALL NOT BE DONE WITHOUT THE PRESENTATION OF A WELDING QUALIFICATION. WELDS SHALL PENETRATE INTO THE ROOT OF THE JOINTS AND SHALL BE FUSED WITH THE PARENT METAL ALONG SURFACES AND EDGES OF UNION. THE SURFACE OF WELDS SHALL BE CLEANED, SMOOTHY FINISHED, WITHOUT PROTRUSION OR CRACKS, REGULAR AND OF UNIFORM
7. ALL DIMENSIONS AND TOLERANCES TO BE VERIFIED ON SITE PRIOR TO FABRICATION.
8. ALL BOLTS, NUTS & WASHERS TO BE HOT DIPPED GALVANIZED TYPE AND SPECIFICATION.

STRUCTURAL STEEL

1. SURFACE PREPARATION

- 1.1 ABRASIVE BLAST CLEAN TO SWEDISH STANDARD - SIS 0550900 OF 1967 TO SA 2.5
- 1.2 BLAST PROFILE 40-75 MICRONS.
2. GALVANISING
HOT DIPPED GALVANISING IN ACCORDANCE WITH SMBS 763 TO A MINIMUM THICKNESS OF 650 G/M.

[illegible]

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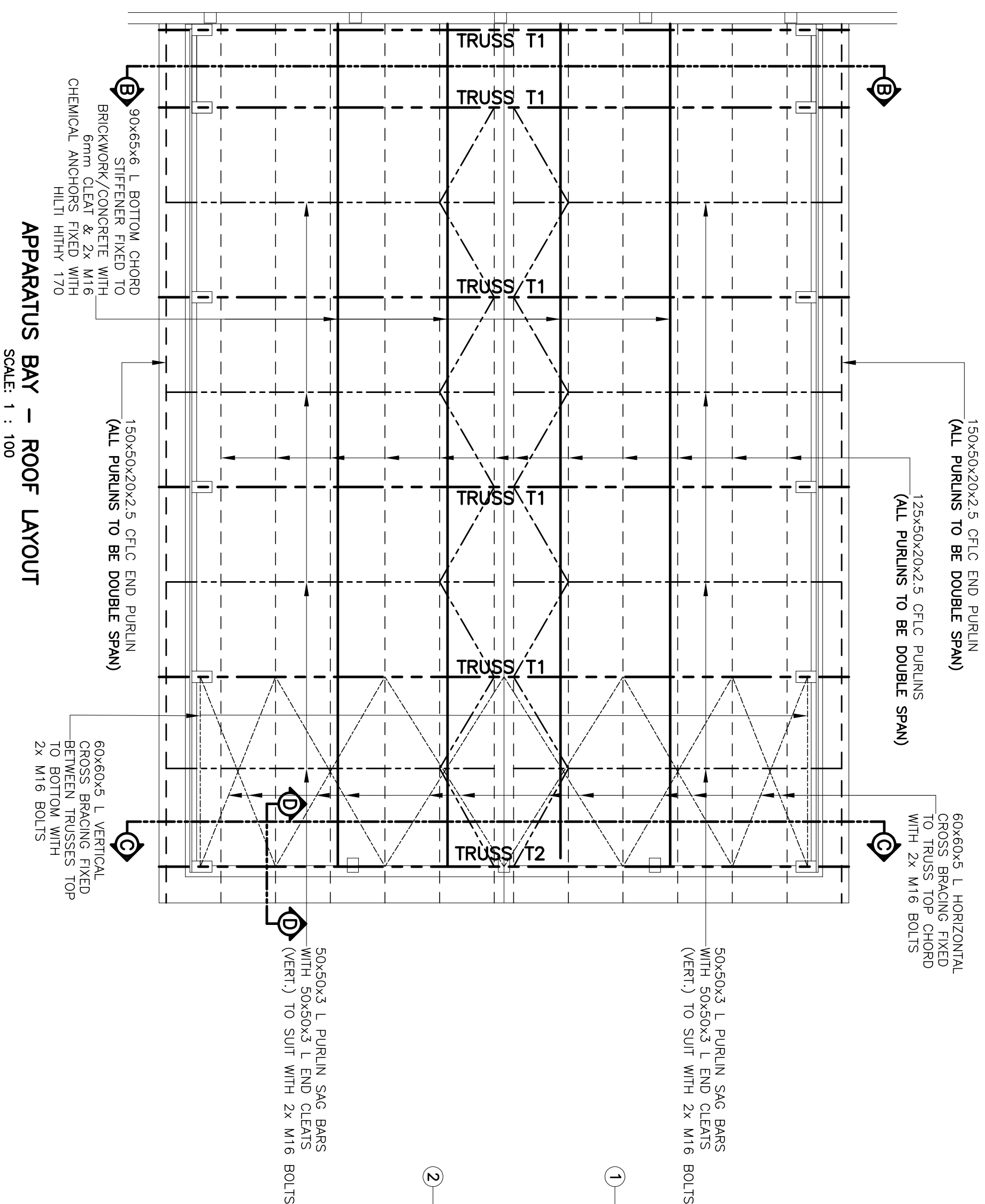


PROJECT
NEW FIRE STATION FOR
GARDENROUTE DISTRICT
MUNICIPALITY
ERF 22494/22495
GEORGE

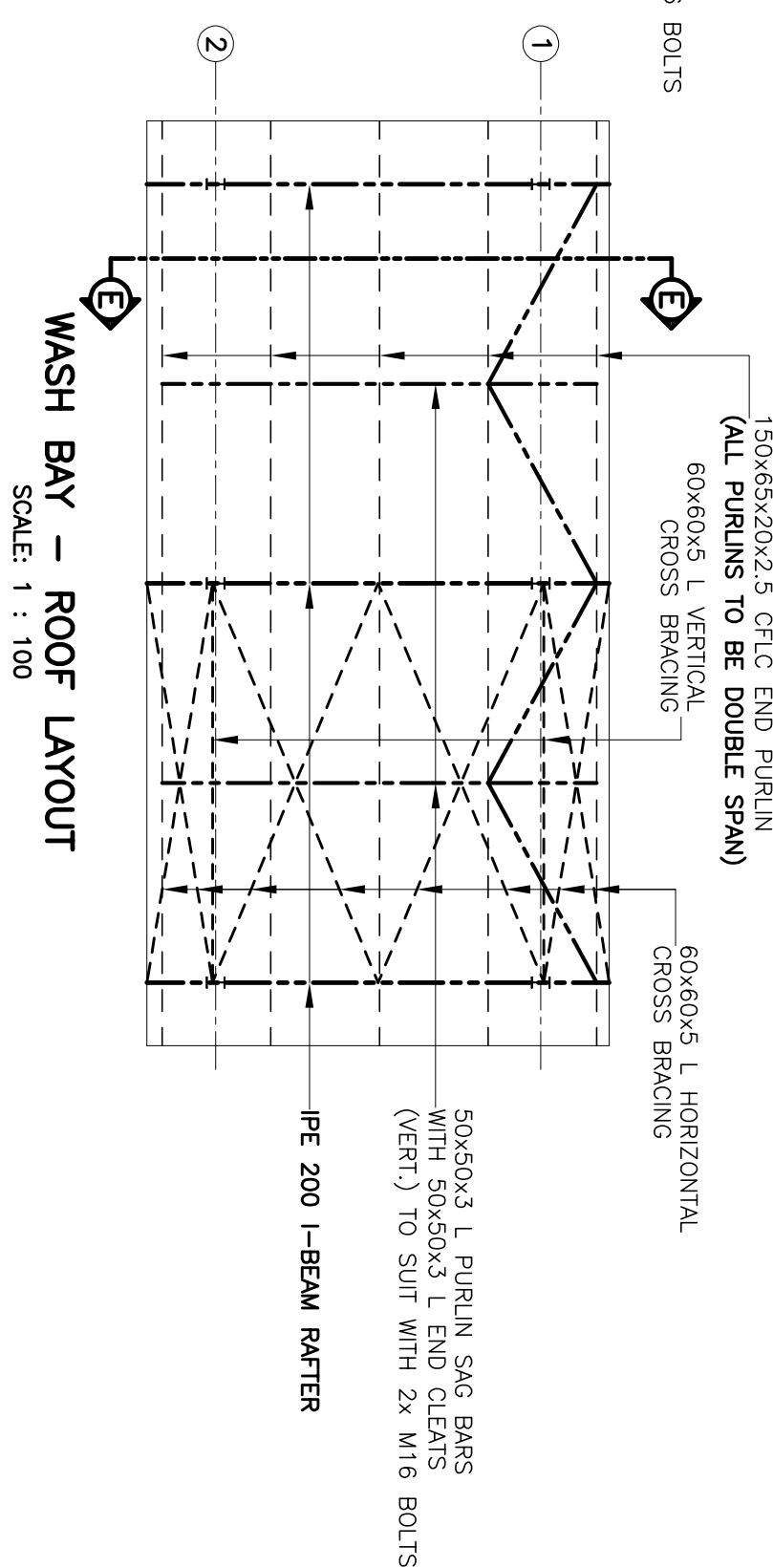
Roof Structural Layouts, Sections & Details

DRW No. **G5211BA-SE-004**

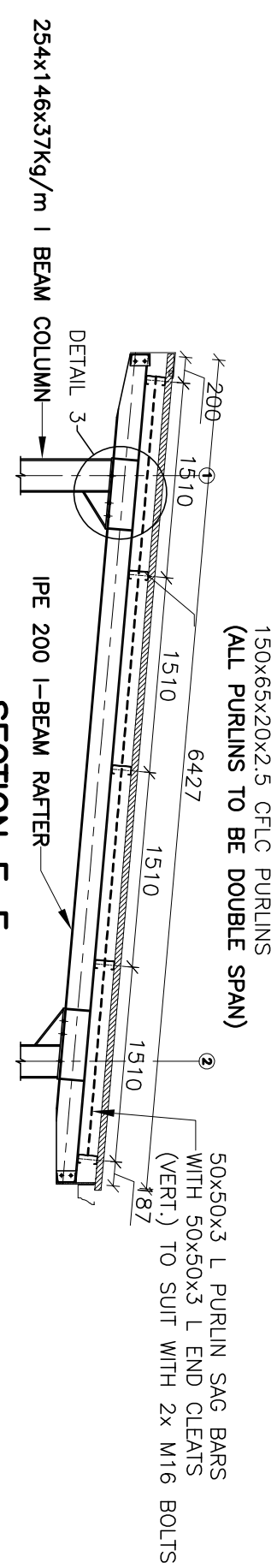
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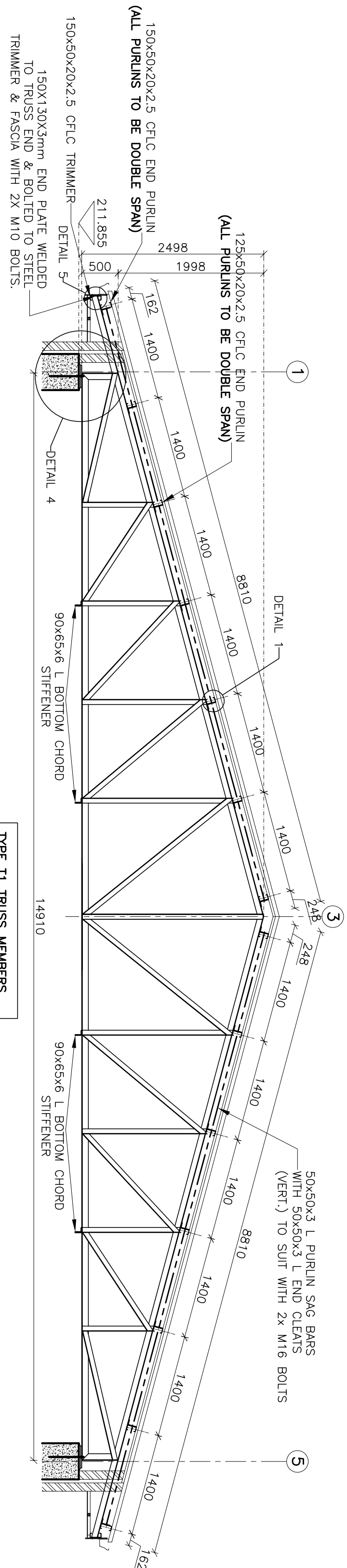
APPARATUS BAY – ROOF LAYOUT
SCALE: 1 : 100



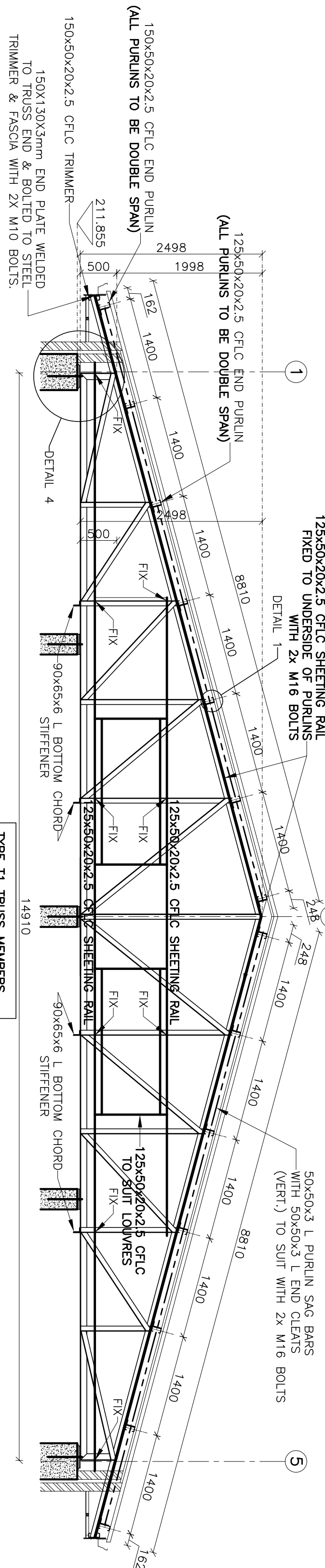
WASH BAY - ROOF LAYOUT
SCALE: 1 : 100



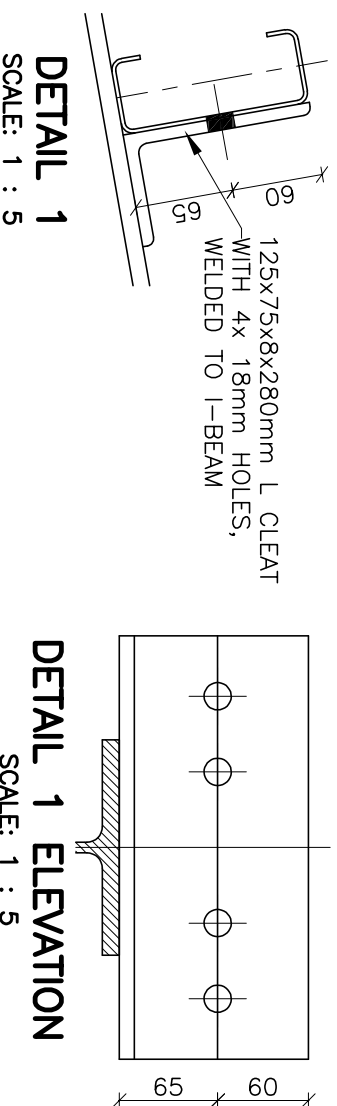
SECTION E-E



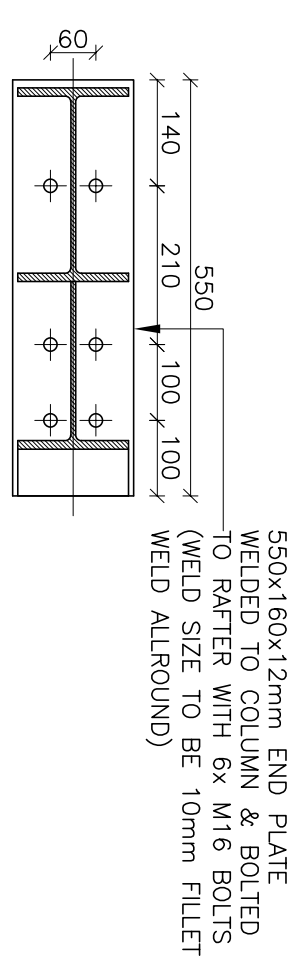
SECTION B-B - T1 TRUSS
QTY: 5 Off
SCALE: 1 : 50



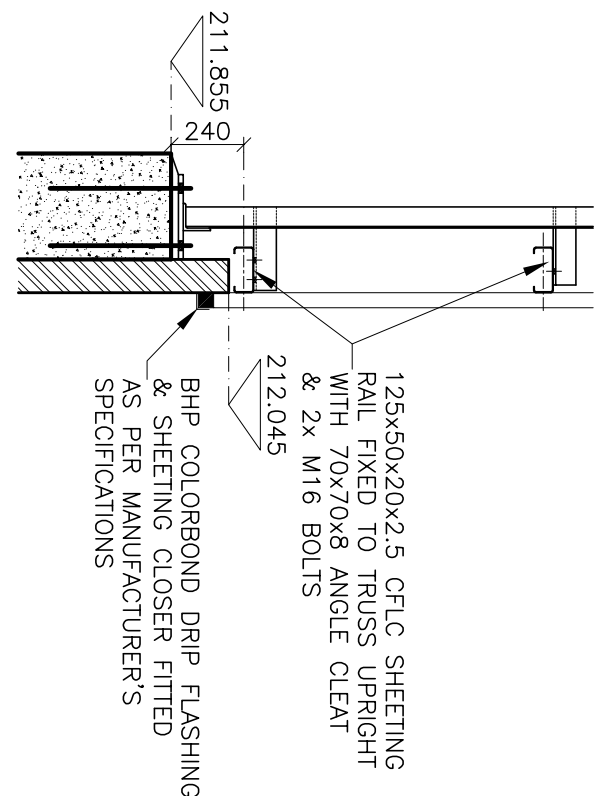
SECTION C-C - T2 TRUSS
QTY: 1 Off
SCALE: 1 : 50



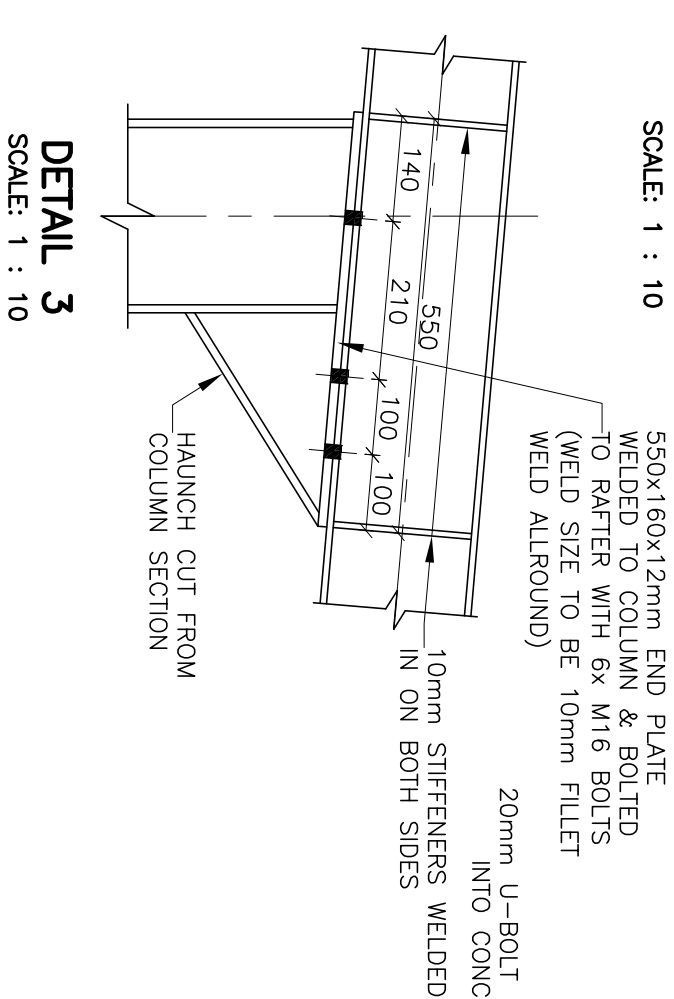
DETAIL 1 ELEVATION
SCALE: 1 : 5



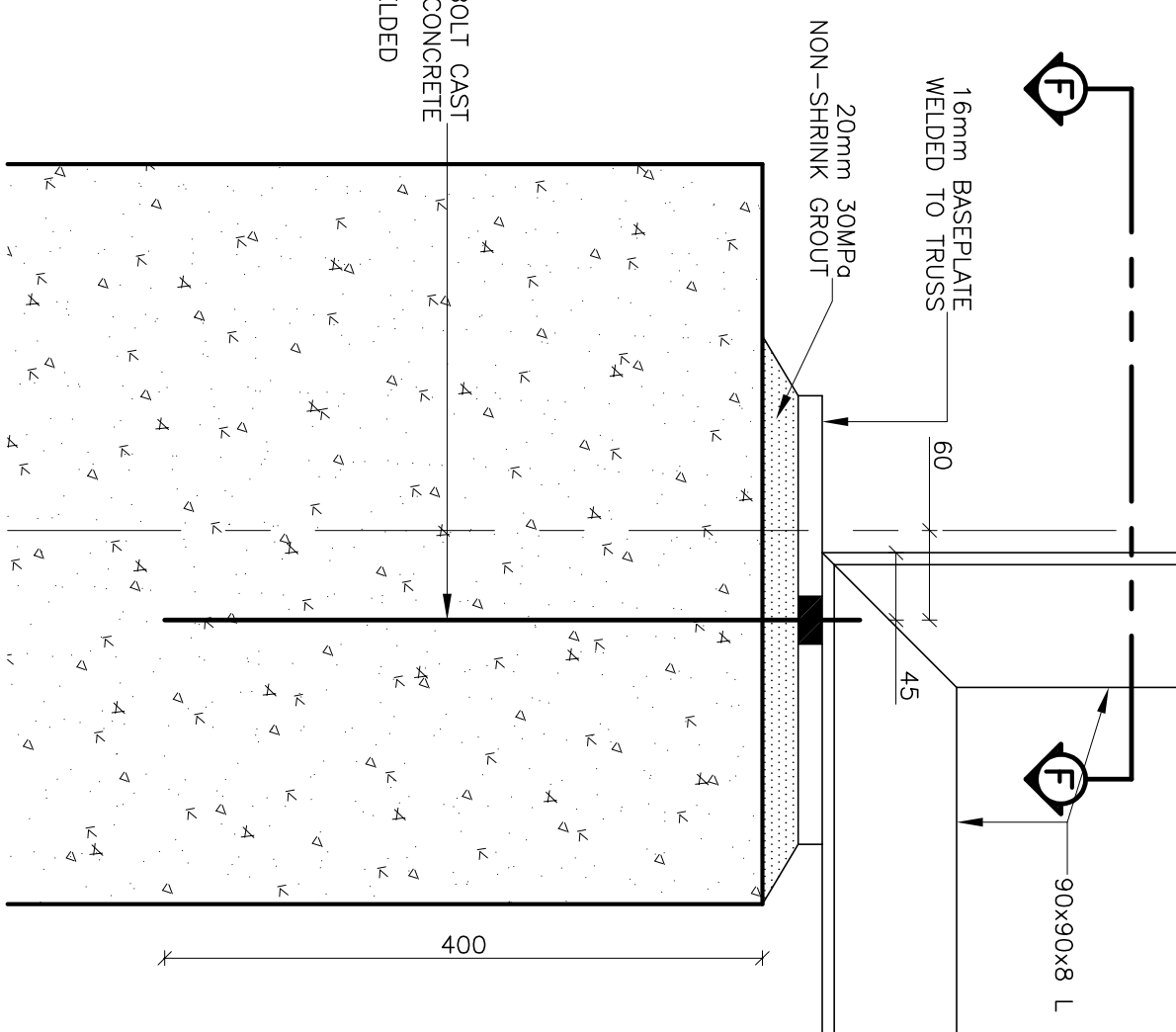
DETAIL 3 - PLAN
SCALE: 1 : 10



SECTION D-D
SCALE: 1 : 25



DETAIL 3
SCALE: 1 : 10



SECTION F-F
SCALE: 1 : 5

