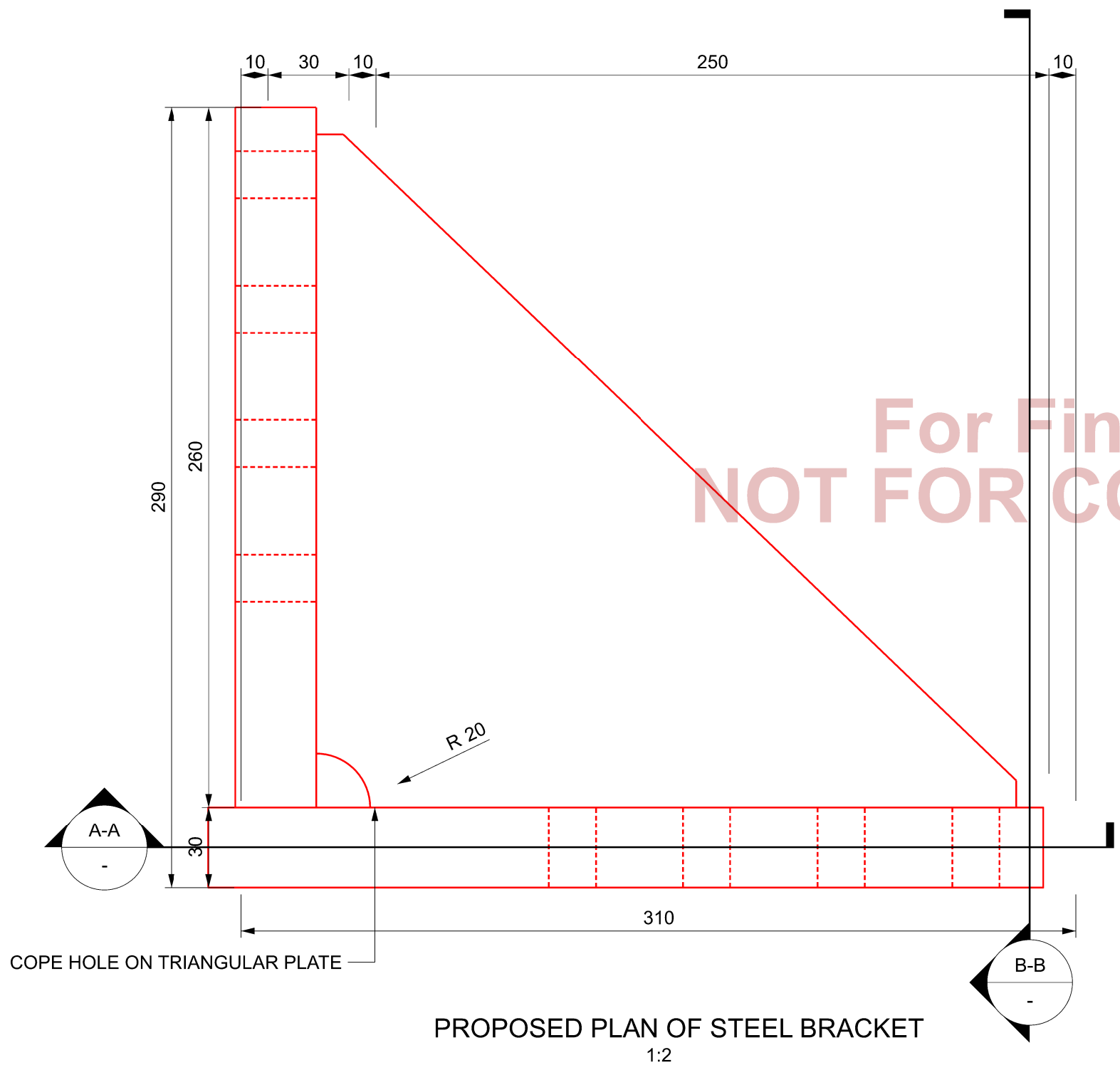


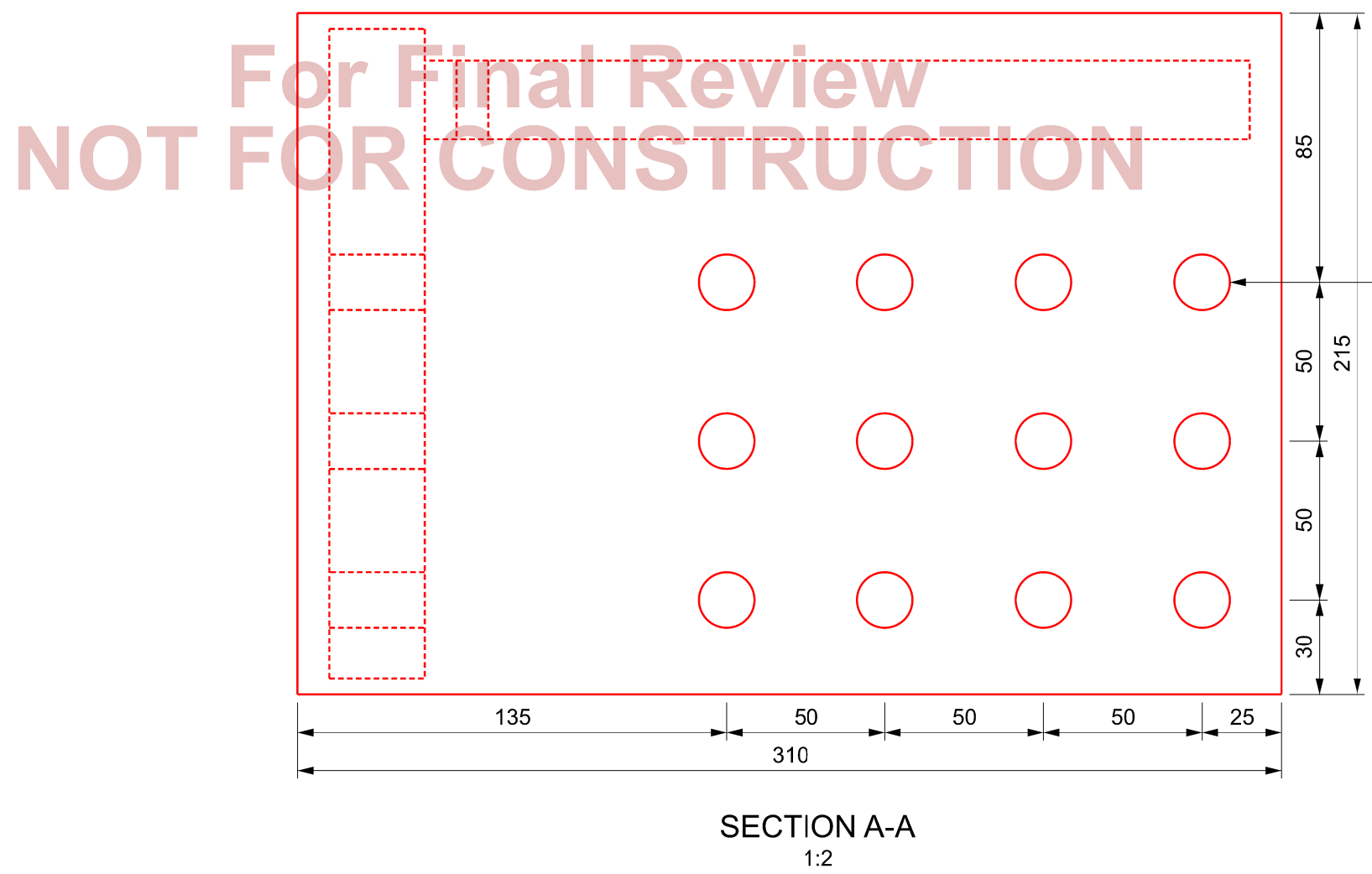
NOT FOR CONSTRUCTION

For Final Review

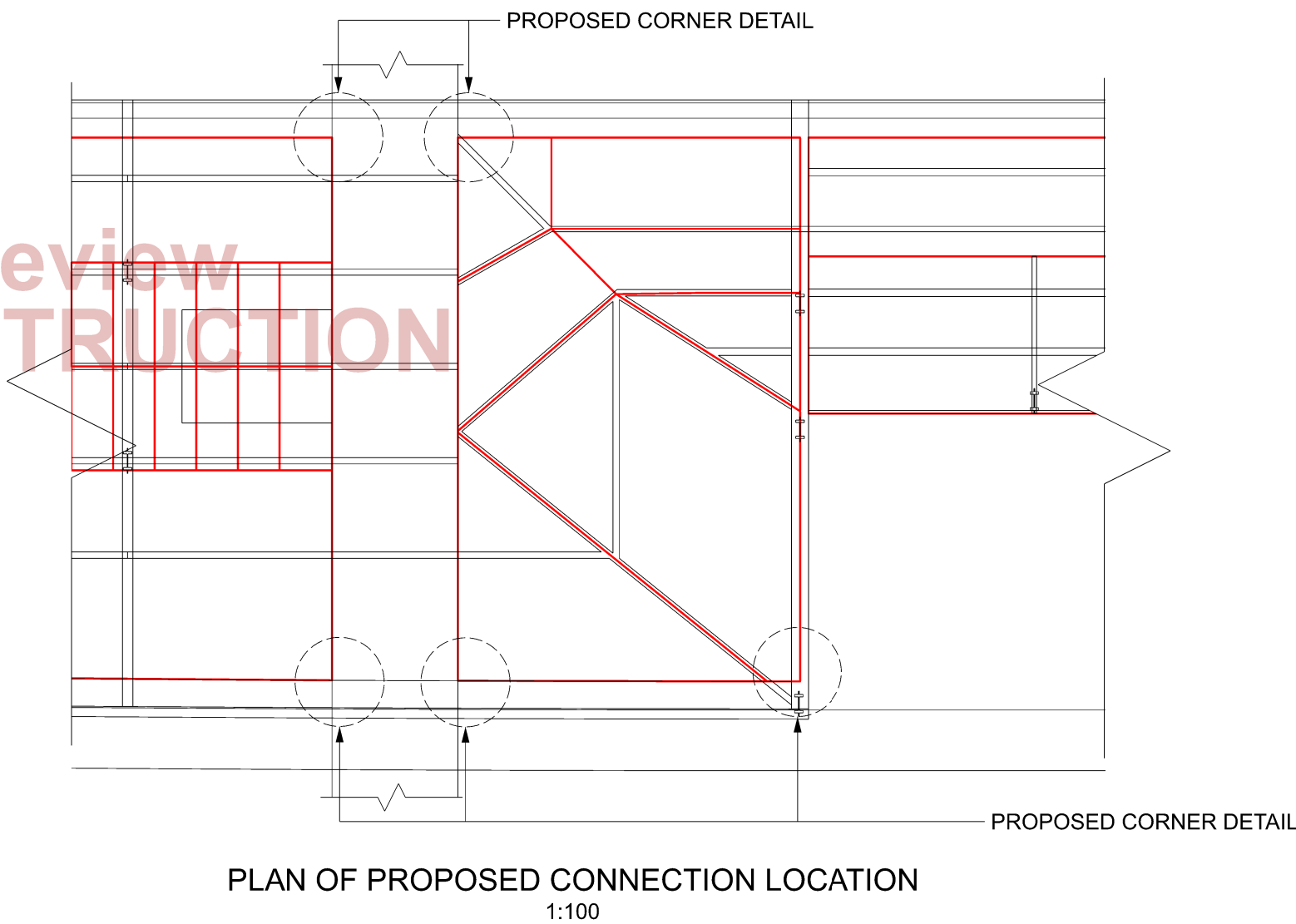
Drawing Number
180077-OIL-WST-MLN1-DRG-EST-000012 B01



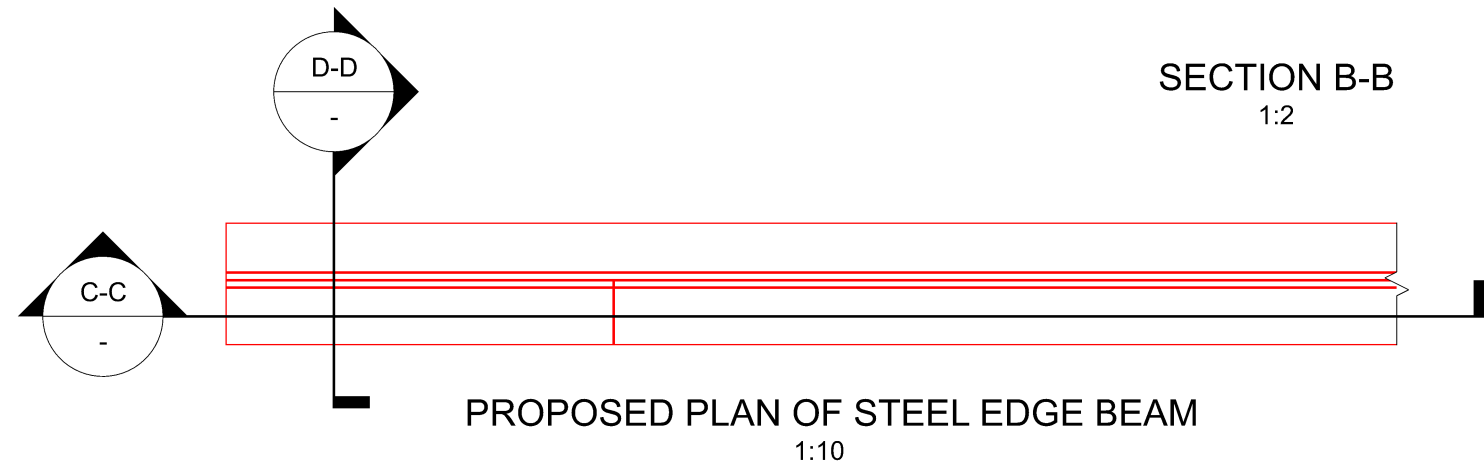
PROPOSED PLAN OF STEEL BRACKET
1:2



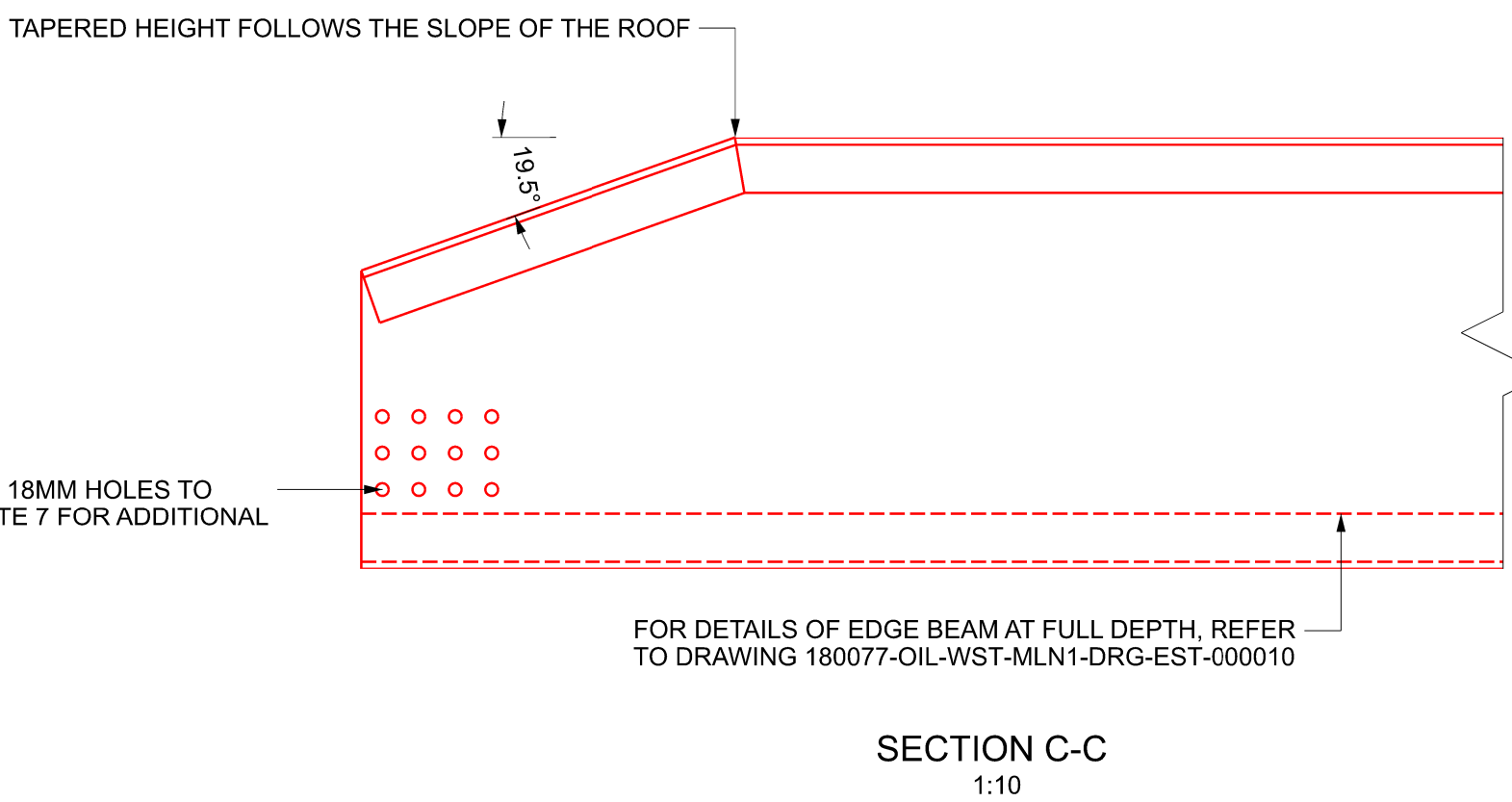
SECTION A-A
1:2



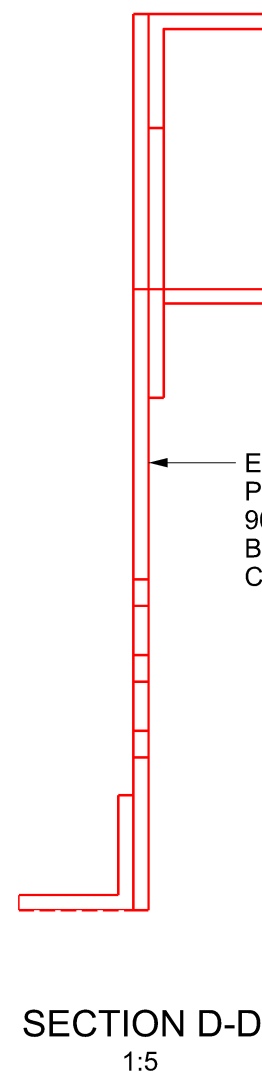
PLAN OF PROPOSED CONNECTION LOCATION
1:100



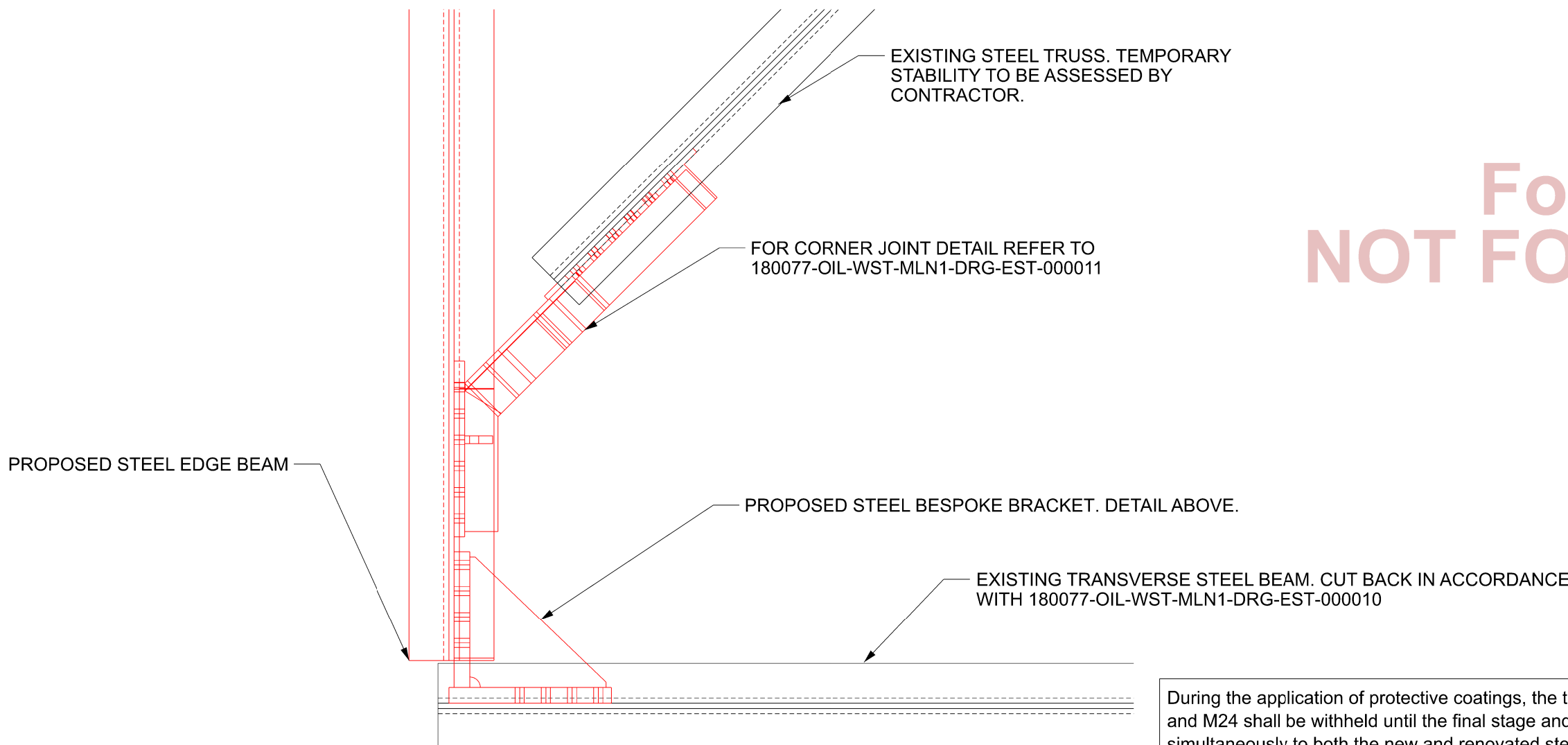
PROPOSED PLAN OF STEEL EDGE BEAM
1:10



SECTION C-C
1:10



SECTION D-D
1:5

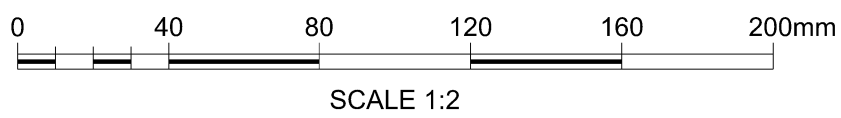


PLAN OF PROPOSED CORNER DETAIL
1:10



Station canopies are Grade II listed and that all works on the station are subjected to appropriate planning permissions and consents.

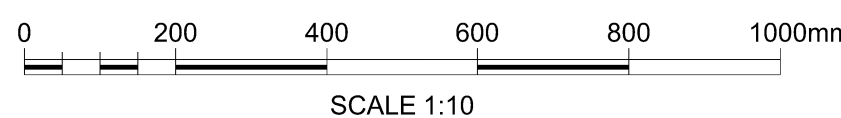
DR-EST-002



SCALE 1:2



SCALE 1:5



SCALE 1:10

During the application of protective coatings, the top coat for both N1 and M24 shall be withheld until the final stage and applied simultaneously to both the new and renovated steel elements. Stripe coating shall be applied around sharp edges and protruding components to ensure adequate coverage is achieved, including bolt heads, rivets, and section edges. Interfaces between new and existing steel shall be sealed with a bead of sealant, in accordance with NR/L3/CIV/040, and compatible with the protective coating system i.Sikadur 31 or similar approved.

Legend/Notes

- All dimensions are in millimetres unless otherwise stated.
- Do not scale any items or information from this drawing.
- The dimensions have been taken from historical drawings.
- The drawing is based on the metallic structure repairs standard drawings NR/CIV/SD/801.
- Steel to be in accordance with BS EN 10025.
- Minimum grade of new steelwork to be S275.
- Bolts shall be class HR 8.8 to BS EN 14399-3 and supplied with direct tensions indicator washers and nuts to class HR8. Grade S10T tension control bolts may be used as an alternative.
- Steelwork shall comply with BS EN 1990-2 for execution class EXC3 and tolerance class 2.
- Metallic epoxy filler may be used to take out difference in level/profile between existing and proposed mating surfaces. It is not to be used as a packing material.
- All temporary bolts shall not be reused in the permanent works.
- Rivets are not to be removed, other than those indicated on the drawings- rivets are to be removed by approved mechanical techniques without damage to the existing structure. (See TUM for guidance).
- All temporary works to be arranged by the Contractor.
- Steelwork fabricator to check the steelwork dimensions prior to the fabrication. Fabricator to check the extent of section loss prior to fabrication to determine the precise length of the section.
- All dimensions must be checked on site prior to manufacture, or order.
- See Inspection Reports 180077-OIL-WST-MLN1-REP-ESU-000001 and 180077-OIL-WST-MLN1-REP-ESU-000003 for details on defects identified as part of this works.
- See drawing (180077-OIL-WST-MLN1-REP-ESU-000013) for summary of all repair materials.

Protective Treatment Notes:

- For general notes and Clauses refer to NR Specification NR/L3/CIV/140
- All metal work to be blast cleaned to ST3 to BS EN ISO 8501-3 prior to the application of any protective treatment.
- Protective treatment system for new steelwork to be a N1 system with a performance life 15 of years.
- Protective treatment system for existing steelwork to be a M24 system with a performance life of 15 years.
- The system will be registered in Parts and Drawings Database (PADS), be certified compliant with the requirements defined in NR/L3/CIV/039 read in conjunction with NR/GN/CIV/002, be compliant with the contract performance requirements and accepted for use by the Engineer.
- Chippenham station to be painted to the current GWR Station design guidance Version 3.3 colour pallet:
 - Guttering - Black (RAL 9005).
 - Dagger boards - Fint Grey (00 A 09).
 - Canopy Steelwork (other than columns) - Fint Grey (00 A 09).

Safety, Health and Environmental Information

Notes below are additional to hazards/risks normally associated with this type of work:

Construction

- CI. Exposure to lead within surface coating
- Cii. Injury from paint and steel particles
- Ciii. Working at height
- Civ. Falling objects
- Cv. Structural failure during the construction phase
- Cvi. Utility / service strike
- Cvii. Transportation of materials into confined areas
- Cviii. Construction activities within public areas
- Cix. Hidden structural defects

These notes are based on the use of experienced and competent contractors carrying out the work using an approved safe method of working.

Key

Existing Structure

Proposed Repair

Reference Drawings

1880077-OIL-WST-MLN1-DRG-EST-000012 - Cutback Details

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
P01	11/09/25	For NR Review	SG	SG	SG
P02	27/11/25	For NR Submission	SG	SG	SG
B01	27/11/25	For NR Submission	SG	SG	SG

Status

Fit for Internal Review & Comment S3



Authorised

Contractor(s)

Octavius Infrastructure

Location

PADDINGTON-BRISTOL-PENZANCE

Type

CAD Drawing

Role

Structural Engineer

Zone

Western Region

Phasing

Project Stage

Region

Wales and Western

Contract No.

180077

Contract Title

Chippenham Station Canopy

Drawing Title

Chippenham Station

Canopy Refurbishment

Cutback Details

Designed

R.Williams

Signed

Date

27/11/25

Drawn

S.Gajewski

Signed

Date

27/11/25

Checked

S.Gajewski

Signed

Date

27/11/25

Approved

S.Gajewski

Signed

Date

27/11/25

Scale(s)

ELR & Mileage

93.1685 to 93.1685

Alternative Reference

Sheet

of

Revision

B01

Drawing Number

180077-OIL-WST-MLN1-DRG-EST-000012