

TENDER

NOTES

All steelwork to be grade S275 J0 or S275 S2 to BS EN 10025 and in accordance with BS 5950.

The steelwork fabricator shall produce and submit dimensioned fabrication drawings to the Engineer. The fabricator should note that the Engineer's comments will centre on compliance with the design intent and exclude dimensional checks.

All bolted connections are to include a minimum of three M16 bolts per member unless specifically indicated otherwise on details.

All bolts are to be grade 8.8 sheradized to BS 4921, class 1. All bolts, nuts and washers are to be to BS 5950 Part 2 clause 2.2. Washers are to be placed beneath the rotated item.

All welds to be minimum 6mm leg length continuous fillet welds unless specifically noted otherwise. All welds to be ground down smooth.

No site welding or site cutting of steelwork shall be allowed without the express approval of the Structural Engineer.

It is the fabricators responsibility to ensure that the steelwork erected on site is fully in accordance with the construction drawings and correctly lined and levelled. The steelwork fabricator shall independently check every site connection to ensure all bolts are correctly tightened, prior to offering the steelwork for inspection.

Where beams are delivered ex-mills with 'natural cambers', beams are to be fabricated with 'natural cambers' upwards.

Fully dimensioned drawings will not be provided by the Engineer.

Basic dimensions and setting out will be provided by the Architect.

Any other dimensions calculable from this information are to be worked out by the contractor as necessary.

All dimensions are to be measured and checked on site prior to fabrication, or as necessary to progress design and production of fabrication drawings.

All dimensions between new and existing structure are to be checked and setting out confirmed relative to existing structure. (Existing structure includes any structure on site whether new or existing which may influence the dimension of a piece of steelwork.)

Permitted deviations will be half the values given in NSSS.

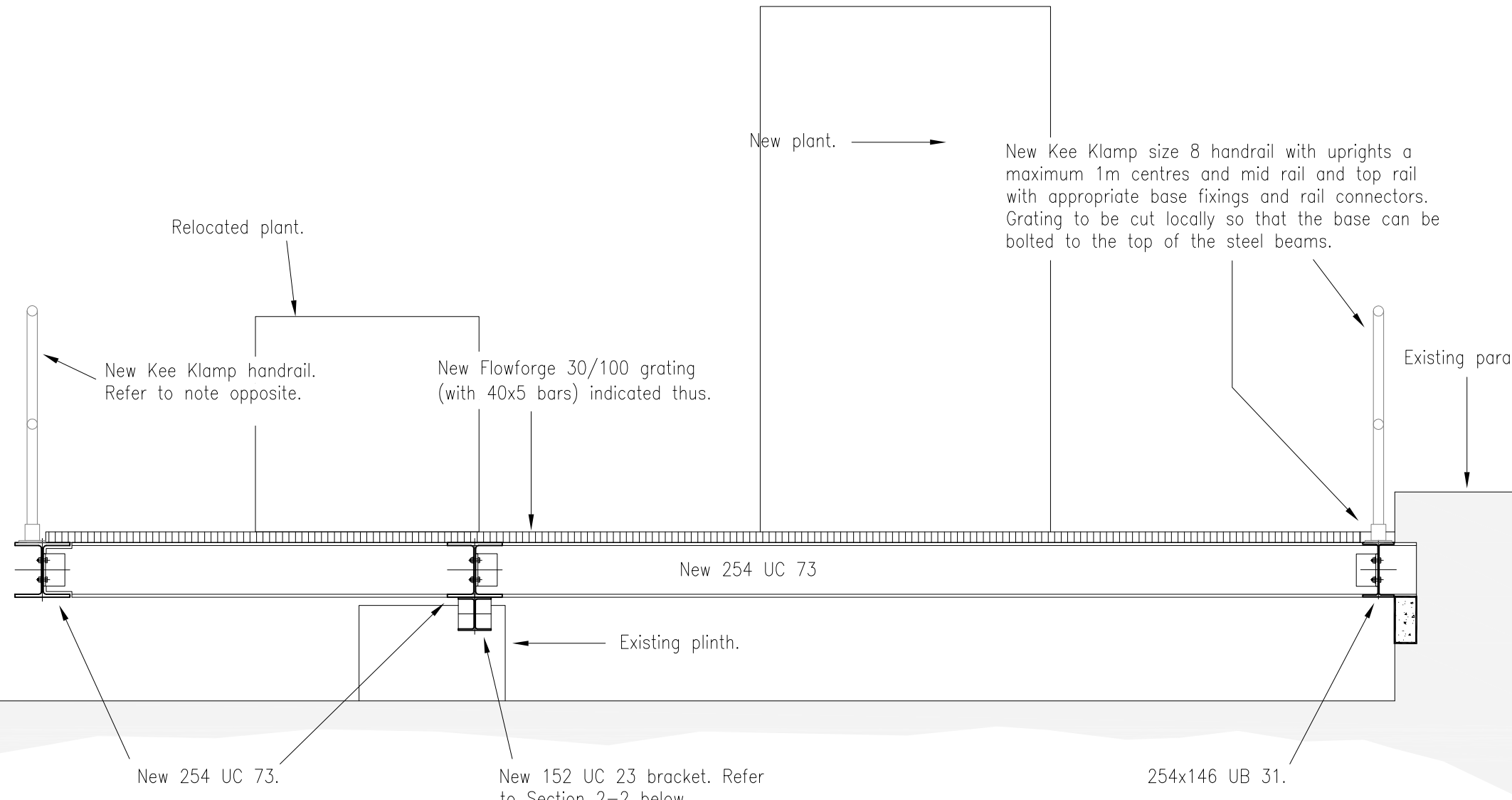
All steelwork to be hot dipped galvanized.

Preparation: Blast cleaning to BS 7079-A1EN ISO 8501-1, preparation grade Sa2½ using chilled angular iron grit grade G24 to give a coarse surface profile, followed by chemical cleaning.

Galvanizing to BS EN ISO 1461.

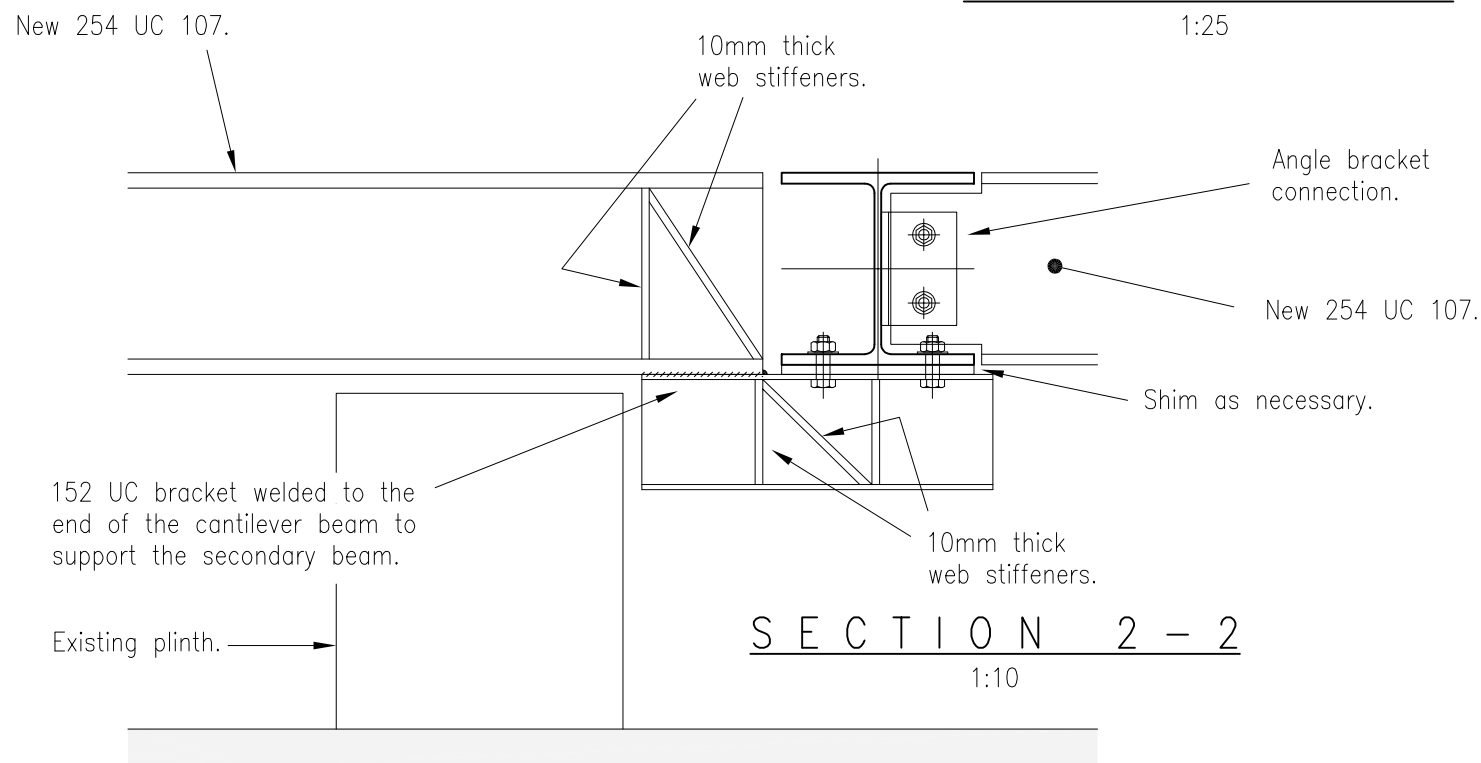
Minimum mean coating thickness 150 micrometres.

Galvanizing – All cutting welding and drilling must be completed beforehand. Provide all necessary vent and drain holes in approved locations and seal to approval after galvanizing.



SECTION 1 - 1

1:25



SECTION 2 - 2

1:10

