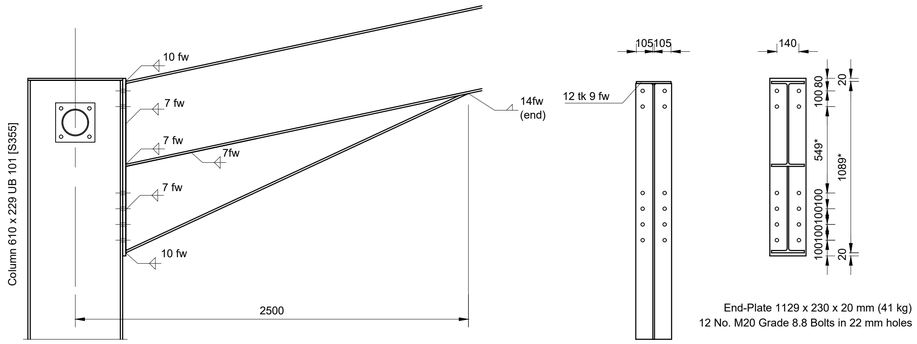
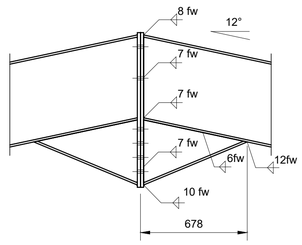


Welds grd E 42 Plates S 275
Beam 533x210 UB 82 [S355]
Haunch 533x210 UB 82 [S355]

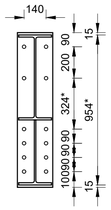
EAVES CONNECTION DETAIL

SCALE: 1:20

End-Plate 1129 x 230 x 20 mm (41 kg)
12 No. M20 Grade 8.8 Bolts in 22 mm holes



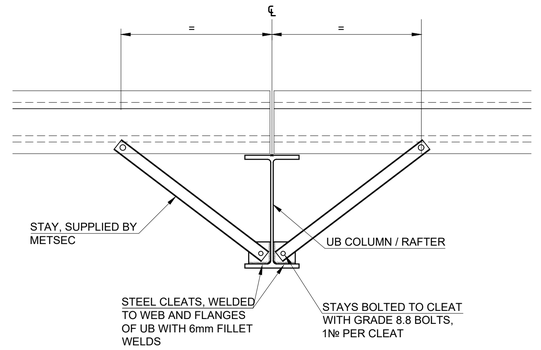
Welds grd E 42 Plates S 275
Beam 533x210 UB 82 [S355]
Haunch 533x210 UB 82 [S355]



End-Plate 984 x 225 x 20 mm (35 kg)
12 No. M20 Grade 8.8 Bolts in 22 mm holes

APEX CONNECTION DETAIL

SCALE: 1:20

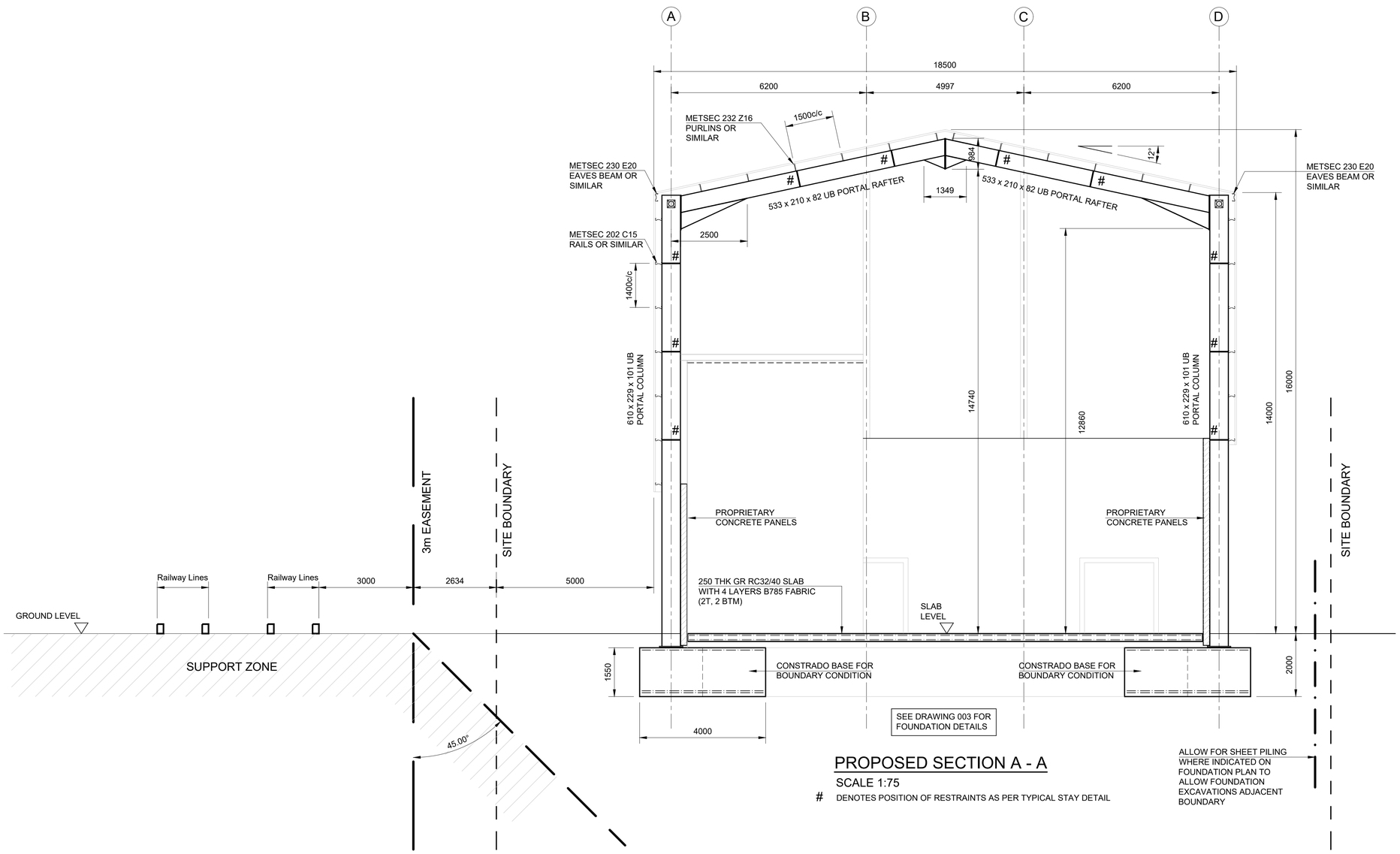


TYPICAL STAY DETAIL

AT LOCATIONS INDICATED BY: #

NOTES:

1. ALL DIMENSIONS SHOWN ARE IN MILLIMETRES (mm) AND ARE TO BE CHECKED ON SITE PRIOR TO ORDERING MATERIALS AND COMMENCING WORK.
2. TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS & DETAILS BY THE ARCHITECT AND BRIDGEWATER CONSULTING ENGINEERS. REFER TO ARCHITECTS DRAWINGS FOR SETTING OUT DETAILS.
3. STRUCTURAL CONCRETE AS SPECIFIED ON PLAN DRAWINGS.
4. FOUNDATION EXCAVATIONS TO BE TAKEN DOWN INTO FIRM BEARING STRATA. ANY SOFT SPOTS AT FORMATION LEVEL ARE TO BE REMOVED AND REPLACED WITH LEAN MIX CONCRETE.
5. FABRIC REINFORCEMENT TO HAVE MINIMUM 400mm SIDE AND END LAPS.
6. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER.



PROPOSED SECTION A - A

SCALE 1:75

\# DENOTES POSITION OF RESTRAINTS AS PER TYPICAL STAY DETAIL

STEELWORK NOTES

ALL STEELWORK TO BE GRADE S355 TO BS EN 10025 UNLESS NOTED OTHERWISE.

ALL HOLLOW SECTION STEELWORK (CHS, RHS, SHS) IS TO BE GRADE S355J2H TO BS EN 10210 UNLESS NOTED OTHERWISE.

CONNECTIONS NOT DETAILED ARE TO BE DESIGNED BY THE FABRICATOR.

BOLTED CONNECTIONS TO HAVE MINIMUM 6 No. M20 BOLTS U.S.O.

ALL BOLTS TO BE GRADE 8.8. ALL WELDS TO BE CONTINUOUS 6mm FILLET WELDS UNLESS NOTED OTHERWISE.

ALL STEELWORK TO BE SHOT BLASTED TO SA 2.5 STANDARD TO REMOVE MILLSCALE, RUST, GREASE ETC. AND PAINTED WITH 2 COATS OF PRIMER PRIOR TO DELIVERY.

EXTERNAL STEELWORK TO BE HOT DIP GALVANISED OR PAINTED WITH EQUIVALENT CORROSION PROTECTION SYSTEM.

FIRE PROTECTION TO STEELWORK TO BE IN ACCORDANCE WITH ARCHITECTS DETAILS.

PRELIMINARY ISSUE

Rev	Date	Detail	Made	Ckd	App

OAKBAY DESIGN

SHARSTON RECYCLING CENTRE, MANCHESTER

WASTE SORTING BUILDING PROPOSED SECTION A - A

Eng. MH	Drawn. DB
C'k'd	App.
Scale AS SHOWN @ A1	Date JUNE 2024

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No. 7303/24/002 Rev

cm A1

Drawing file location : cm