

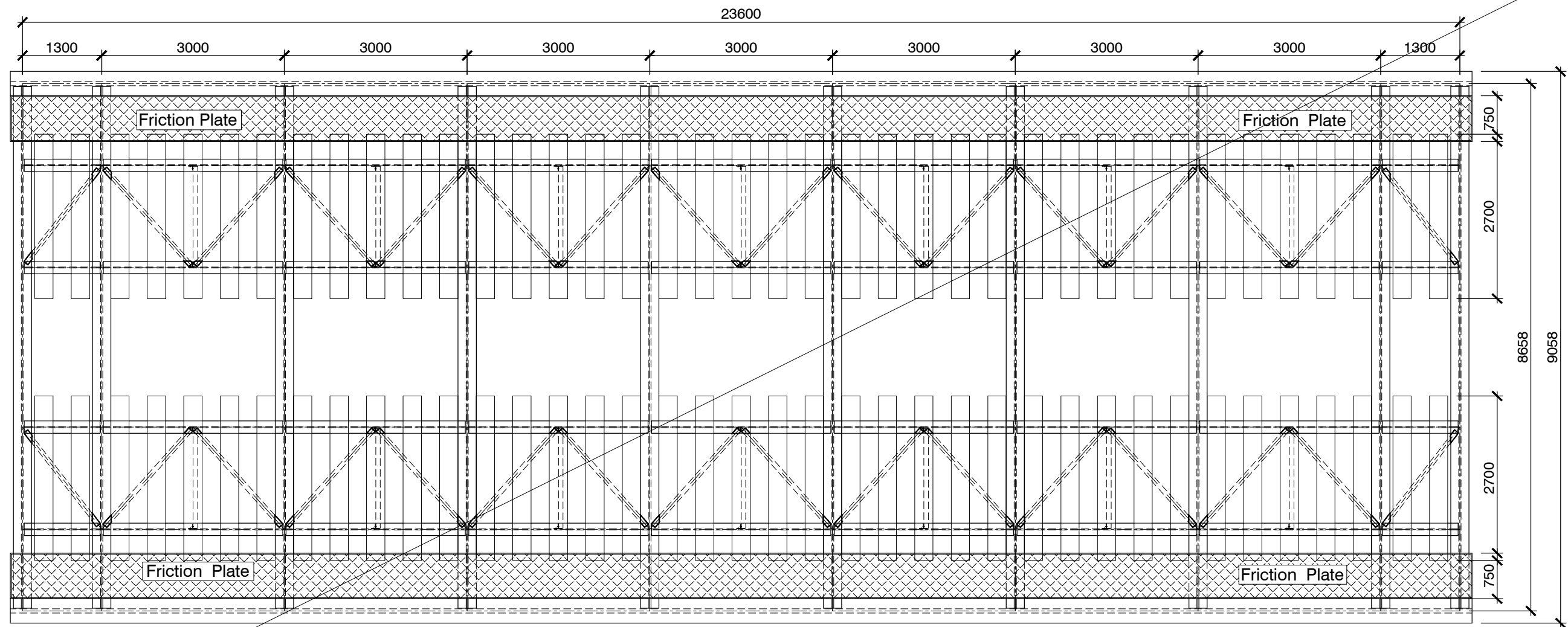


**\*\* SPECIAL NOTE :**  
These drawings/documents/information are indicative and for reference only. The Employer shall not be held responsible for any error, accuracy, or omission of any details in these drawings/documents. Therefore, the bidder is advised to prepare the bid based on its own methodology, studies & investigation in complying with Employer requirement and shall not make any claim whatsoever based on these drawings/documents.

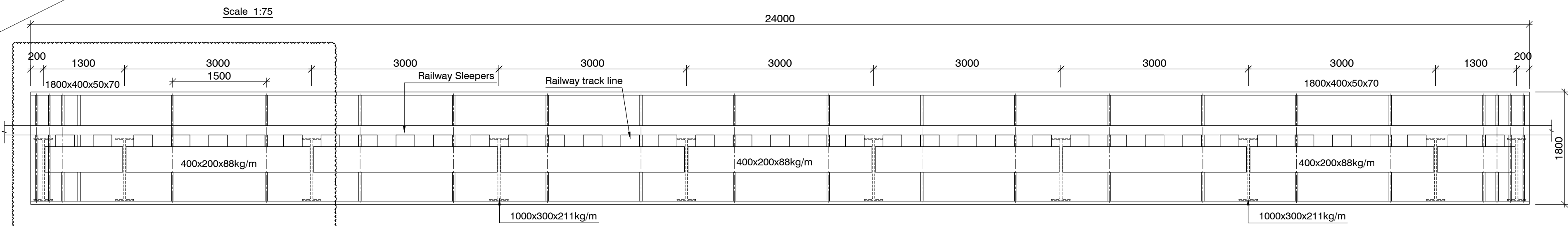
| REV. | DESCRIPTION | BY | DATE |
|------|-------------|----|------|

|                                                                                                      |  |                                                        |                      |                                                                                                 |                                                                                                                 |
|------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <p align="center"><b>MINISTRY OF HIGHWAYS - SRI LANKA</b><br/> <b>ROAD DEVELOPMENT AUTHORITY</b></p> |  |                                                        |                      |            | <p align="center"><b>BRIDGE DESIGNS OFFICE</b><br/> <b>"MAGANEGUMA MAHAMEDURA"</b><br/> <b>BATTARAMULLA</b></p> |
| <p>DESIGNED : <i>D. M. A. D. S. Dinesh</i></p>                                                       |  | <p align="center"><b>SENIOR ENGINEER - DESIGNS</b></p> |                      | <p align="center"><b>DEPUTY DIRECTOR GENERAL (S.D)</b></p>                                      |                                                                                                                 |
| <p>DRAWN : <i>B. M. A. D. Basnayaka</i></p>                                                          |  |                                                        |                      |                                                                                                 |                                                                                                                 |
| <p>CHECKED :</p>                                                                                     |  |                                                        |                      |                                                                                                 |                                                                                                                 |
| <p>FILE NO. : <i>C-129</i></p>                                                                       |  | <p align="center"><b>DIRECTOR - BRIDGE DESIGNS</b></p> |                      | <p align="center"><b>ADDITIONAL DIRECTOR GENERAL (E.S)</b><br/> <b>FOR DIRECTOR GENERAL</b></p> |                                                                                                                 |
| <p><b>DRG. NO. SLR/WP/B/1643-1</b></p>                                                               |  | <p><b>4</b></p>                                        | <p><b>DATE :</b></p> |                                                                                                 |                                                                                                                 |

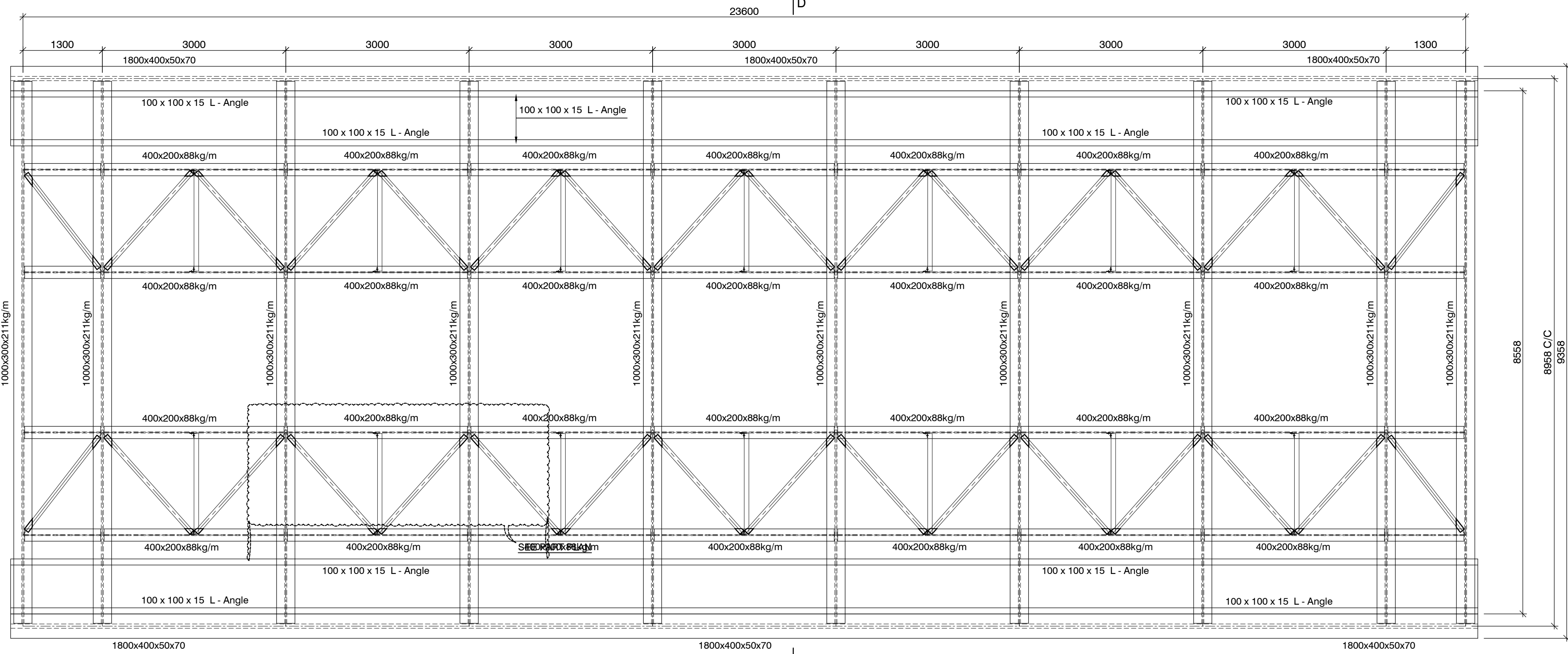
ADDITIONAL DIRECTOR GENERAL (E.S)  
FOR DIRECTOR GENERAL



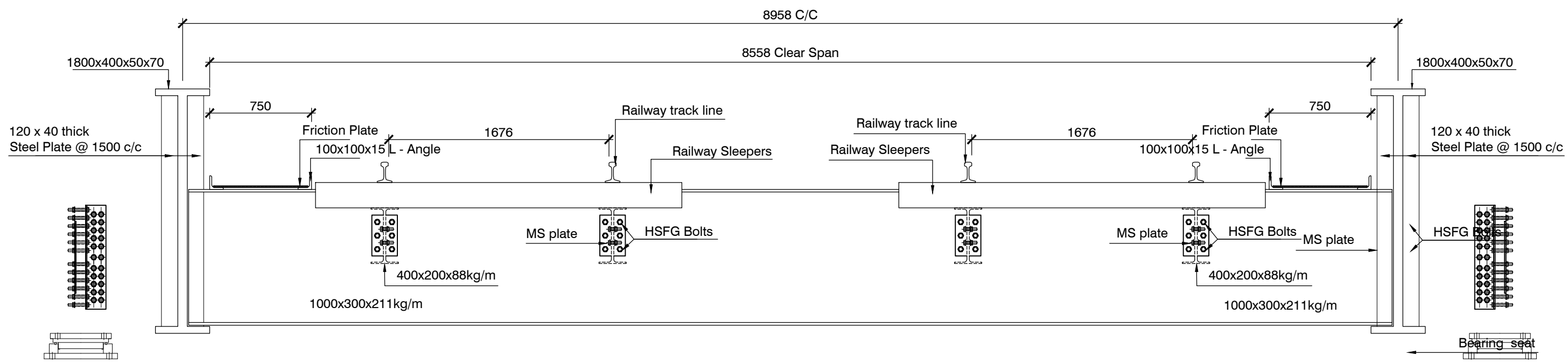
SHOWING TOP VIEW ARRANGEMENT OF DECK



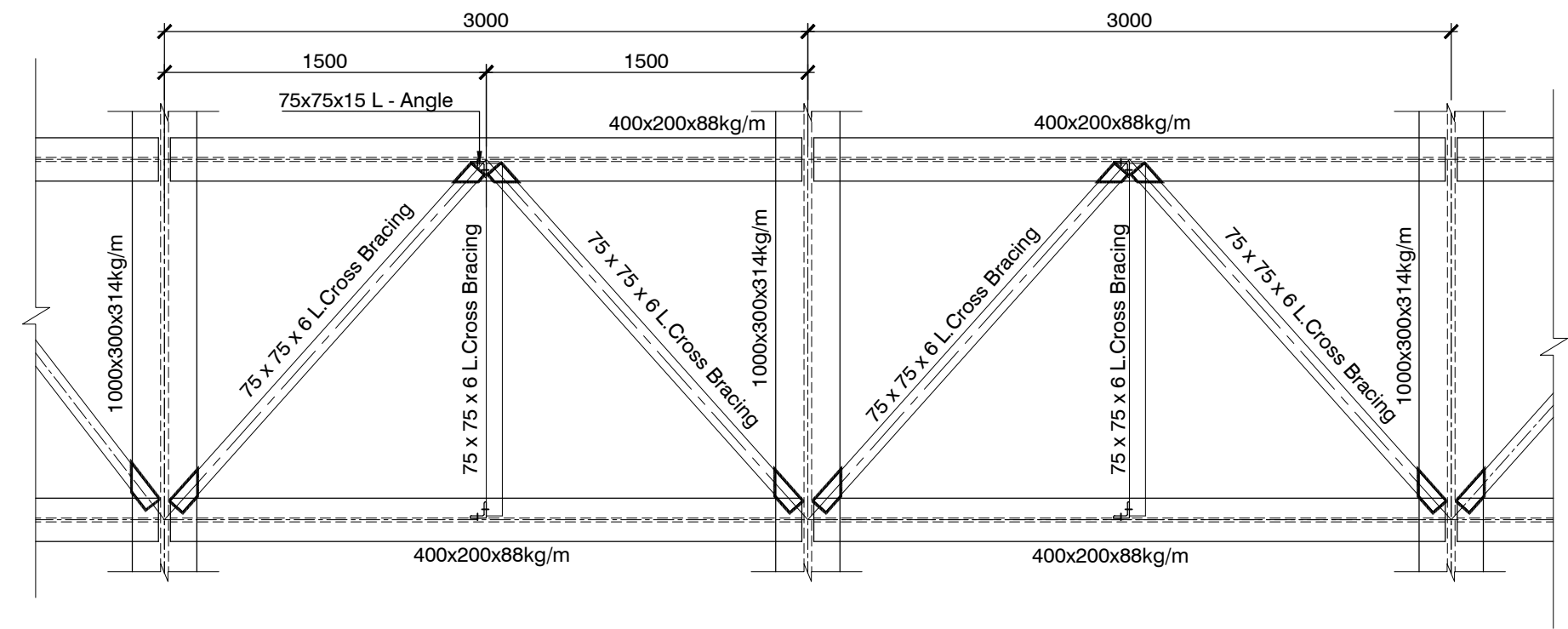
SECTION OF DECK C - C  
SCALE - 1:50



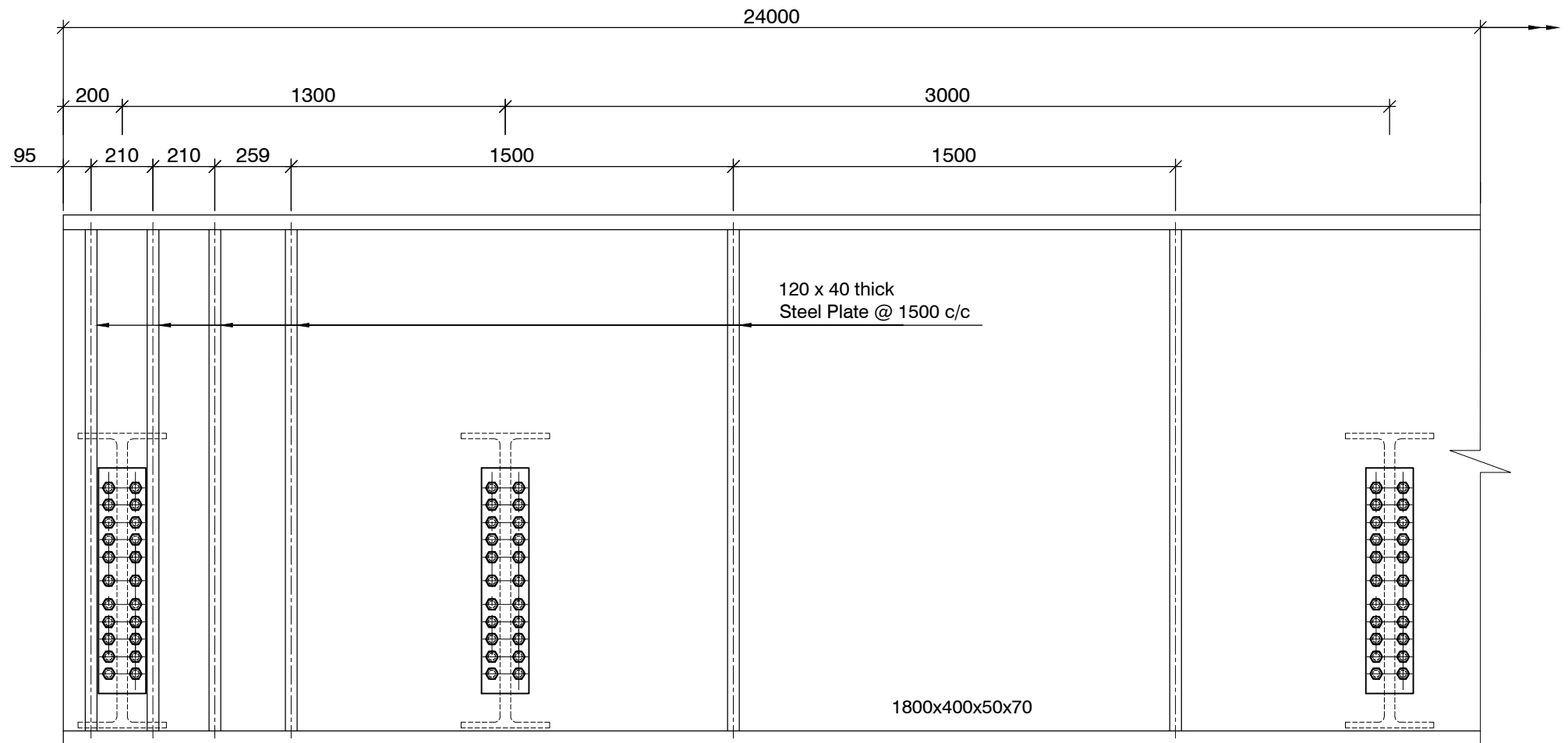
PLAN SHOWING BEAM (UB) ARRANGMENT OF DECK  
SCALE - 1:50



CROSS SECTION OF DECK ( D-D )  
SCALE - 1:30



PART PLAN  
SCALE - 1:30



DETAIL - P  
SCALE - 1:20

**\*\* SPECIAL NOTE :**  
These drawings/documents/information are indicative and for reference only. The Employer shall not be held responsible for any error, accuracy or omission of any details in these drawings/documents. Therefore, the bidder is advised to prepare the bid based on its own methodology, studies & investigation in complying with Employer requirement and shall not make any claim whatsoever based on these drawings/documents.

NOTES

1. Following Protective coating system for Steel Structure shall be applied.  
Coating Thickness for Thermal Metalizing - 200 µm and  
Nominal dry film thickness (NDFT) of Duplex coating protection over the above Metalizing layer - 240 µm

| Recommended Duplex Coating |                                                            |       |
|----------------------------|------------------------------------------------------------|-------|
| Coat                       | Coating Description                                        | NDFT  |
| Prime Coat                 | Two component polyamide cured epoxy                        | 90 µm |
| Intermediate Coat          | Two component High Build Polyamide curved Recoatable Epoxy | 90 µm |
| Finishing Coat             | Two component Aliphatic Acrylic Polyurethane               | 60 µm |

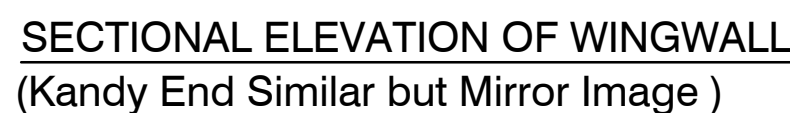
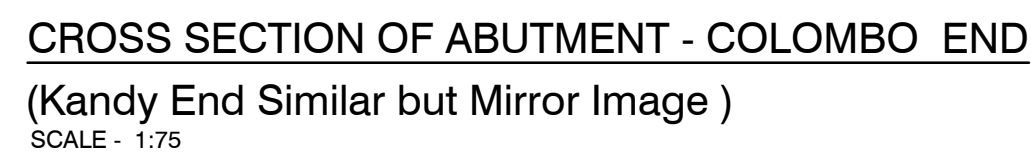
|                                                                |  |                           |  |   |                                                                                       |  |                                                                  |  |
|----------------------------------------------------------------|--|---------------------------|--|---|---------------------------------------------------------------------------------------|--|------------------------------------------------------------------|--|
| MINISTRY OF HIGHWAYS - SRI LANKA<br>ROAD DEVELOPMENT AUTHORITY |  |                           |  |   |  |  | BRIDGE DESIGNS OFFICE<br>"MAGANEGUMA MAHAMEDURA"<br>BATTARAMULLA |  |
| DESIGNED : D. M. A. D. S. Dinesh                               |  | SENIOR ENGINEER - DESIGNS |  |   | DEPUTY DIRECTOR GENERAL (S.D)                                                         |  |                                                                  |  |
| DRAWN : B. M. A. D. Basnayaka                                  |  |                           |  |   |                                                                                       |  |                                                                  |  |
| CHECKED :                                                      |  | DIRECTOR - BRIDGE DESIGNS |  |   | ADDITIONAL DIRECTOR GENERAL (E.S)<br>FOR DIRECTOR GENERAL                             |  |                                                                  |  |
| FILE NO. : C-129                                               |  |                           |  |   |                                                                                       |  |                                                                  |  |
| DRG. NO. SLR/WP/B/1643-3                                       |  |                           |  | 4 | DATE :                                                                                |  |                                                                  |  |

BRIDGE AT 3M 0CH (KELANIYA OLD BRIDGE) ON MAIN LINE -  
(RECONSTRUCTION )

SUPER STRUCTURE  
DETAILS  
(24m DECK)

| REV. | DESCRIPTION | BY | DATE |
|------|-------------|----|------|
|      |             |    |      |
|      |             |    |      |
|      |             |    |      |
|      |             |    |      |
|      |             |    |      |

TENDER ISSUE  
NOT FOR CONSTRUCTION



### DETAILS OF BORED PILE



These drawings/documents/information are indicative and for reference only. The Employer shall not be held responsible for any error, accuracy, or omission of any details in these drawings/documents. Therefore, the bidder is advised to prepare the bid based on its own methodology, studies & investigation in complying with Employer requirement and shall not make any claim whatsoever based on these drawings/documents.

1. Abutment, Wing wall & Pier
2. Abutment capping beam, Ballast wall, & bearing pad

- |                                                        |                          |
|--------------------------------------------------------|--------------------------|
| 1.Abutment ,Wing wall & Pier                           | -Grade 40(20)            |
| 2.Abutment capping beam,Ballast wall,<br>& bearing pad | -Grade 40(20)            |
| 3.Pile Cap                                             | -Grade 40(20)            |
| 4.Bored Piles                                          | -Grade 40(20)            |
| 5.Screed Under Pile Cap                                | - Nominal mix 1:3:6 (20) |

BRIDGE AT 3M 0CH (KELANIYA OLD BRIDGE) ON MAIN LINE -  
(RECONSTRUCTION )

## GENERAL DETAILS OF ABUTMENT, WINGWALL & PIER

[illegible]

MINISTRY OF HIGHWAYS - SRI LANKA  
ROAD DEVELOPMENT AUTHORITY

|                                         |                           |   |        |                                                           |
|-----------------------------------------|---------------------------|---|--------|-----------------------------------------------------------|
| DESIGNED : <i>D. M. A. D. S. Dinesh</i> |                           |   |        | DEPUTY DIRECTOR GENERAL (S.D)                             |
| DRAWN : <i>B. M. A. D. Basnayaka</i>    | SENIOR ENGINEER - DESIGNS |   |        |                                                           |
| CHECKED :                               |                           |   |        |                                                           |
| FILE NO. : <i>C-129</i>                 | DIRECTOR - BRIDGE DESIGNS |   |        |                                                           |
| DRG. NO. SLR/WP/B/1643-4                |                           | 4 | DATE : | ADDITIONAL DIRECTOR GENERAL (E.S)<br>FOR DIRECTOR GENERAL |

