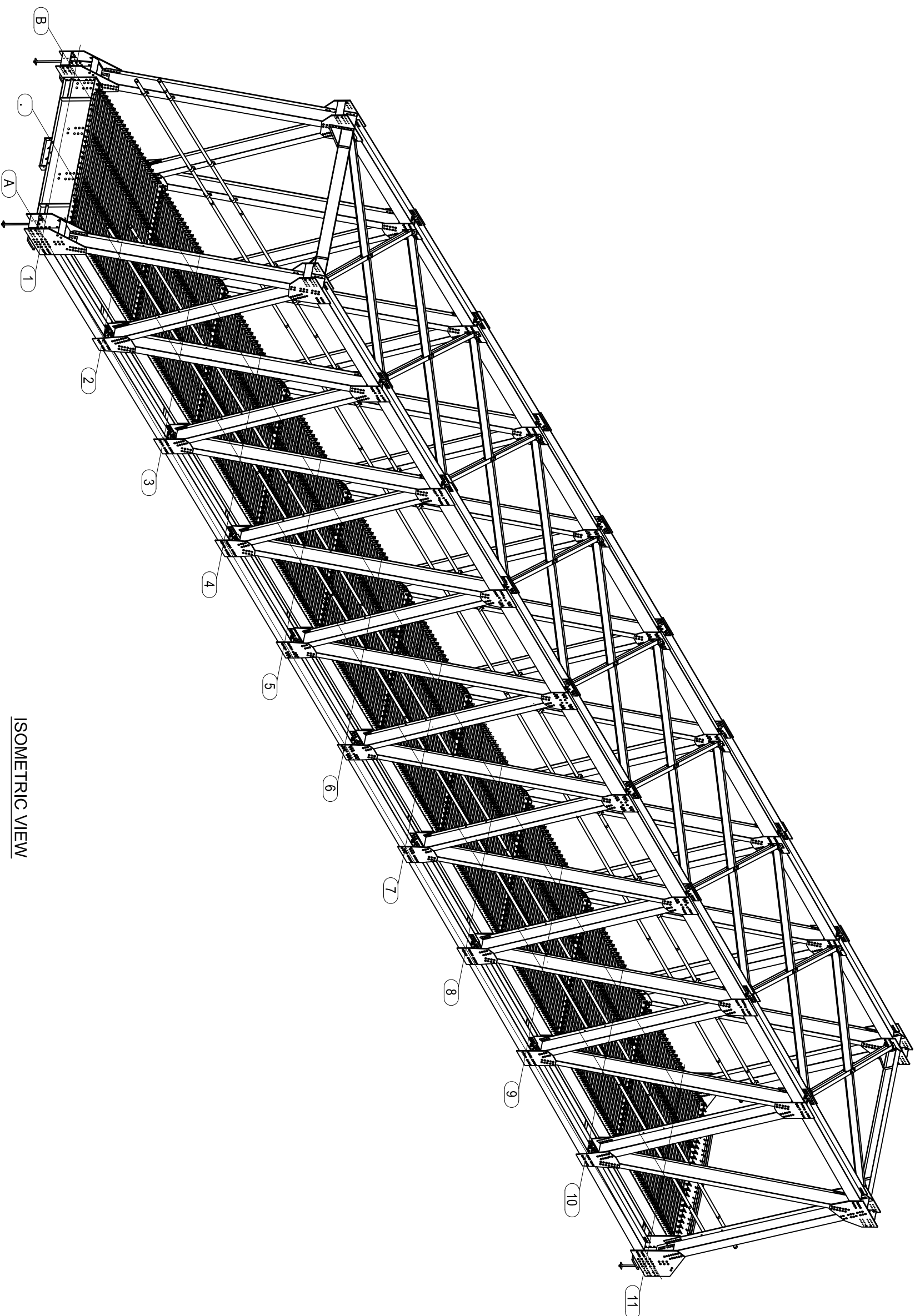


PLEASE DO NOT SCALE, ASK IF IN DOUBT



ISOMETRIC VIEW

THIS DRAWING IS THE PROPERTY OF PT. GUNUNG GARUDA, DO NOT HAND OVER TO ANY OTHER THIRD PARTY WITHOUT WRITTEN PERMISSION ESC. FM. EG. 07 (Sheet 4 of 4)

IMPORTANT NOTES

1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS NOTED OTHER WISE
2. ALL DIMENSIONS MUST BE VERIFIED BY CUSTOMER
3. THIS STRUCTURE HAS BEEN DESIGN ACCORDING TO BRIDGE MANAGEMENT SYSTEM CODE
4. SPEC MATERIAL :
 - ANGLE : JIS G3101 SS.400
 - PLATE : JIS G3106 SM.490 YA
 - PLATE : JIS G3101 SS.400
 - WELDED BEAM : JIS G3106 SM.490 YA
 - IWF / H-BEAM : JIS G3101 SS 400
 - PRIMARY BOLT & NUT : JIS B1051 GRADE F.10 T
 - SECONDARY BOLT & NUT : JIS B1051 GRADE H4.6
 - ANCHOR BOLT : JIS G3112 SR.24
 - SHEAR CONNECTOR : JIS G3112 SD.40
 - BRIDGE DECK : SPCC
 - ELASTOMERIC BEARING : DURO 60
 - PPE : JIS G3444 STR. 290
 - ROUND BAR : JIS G3112 SR.24
 - DEFORM BAR : JIS G3112 SD.40 (NOT BY GSC.)
 - CONCRETE : K-350 (NOT BY GSC.)
5. WELDING ELECTRODE :
 - SMAW PROCES : AWS D1.1 GRADE E7018 OR EQUIVALENT
 - SAW PROCES : AWS A5.17 GRADE E7018
 - ALL WELDED PROCESS SHOULD BE USED SMAW PROCESS UNLESS NOTED OTHER WISE
6. FINISHING :
 - MATERIAL : GALVANIZED
 - SPEC : ISO 1461
 - BOLT AND NUT : GALVANIZED
7. ALL PLATE ARE GRADE SM.490 YA UNLESS NOTED OTHER WISE.
8. ALL WELDED BEAM ARE GRADE SM.490 YA UNLESS OTHER WISE.
9. FOR DETAIL. 13 SEE DWG NO. 005-C50-A09
10. FOR DETAIL. 14 SEE DWG NO. 005-C50-A10

LEGEND :

☉ : CENTER LINE

DESIGN PROPERTY AND APPROVED BY

PT. TITIAN BANGUN PERSADA

NAME : Ir. SULISTIONO

SIGNATURE : _____

DATE : _____

REV.	DATE	DESCRIPTION	DRN	CHK'D	DSN'D
0	22/02/16	ISSUED FOR APPROVAL		RZL	INA

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PT. GUNUNG STEEL CONSTRUCTION
Steel Construction is Our Business
 ENGINEERING FABRICATION CONSTRUCTION

GSC JOB NO. : 005/GSC-ERC/CP/ED/BR/KI/16 BUILDING NO. : 1
 PROJECT NAME : JEMBATAN RANGKA TYPE C-50
 CUSTOMER : PT. KALIRAYA SARI
 JOB SITE LOCATION : KALIMANTAN TENGAH
 DRAWING TITLE : FRAME END CROSS SECTION
 DRAWING NO. : 005-C50-A02