

Technical drawing of a rectangular plate with the following specifications:

- Overall Dimensions:** 500 (width) x 420 (height).
- Internal Dimensions:** 160 (left margin), 180 (center gap), 160 (right margin).
- Vertical Spacing:** 120 (top), 180 (center), 120 (bottom).
- Material and Thickness:** PG 300x300x20x8 (top plate), PL500x420x35 (bottom plate).
- Fasteners:** 4-T-F1-20-140-500 (four screws).
- Other Labels:** 80 (top right corner), 8 (center gap).




Technical drawing of a Gusset Plate for a 4-T-F1 tower section. The drawing shows a cross-section of the tower with a central gusset plate. Dimensions are given in millimeters. The total width is 500 mm, with 160 mm on each side of the central 180 mm section. The total height is 440 mm, with 130 mm on each side of the central 180 mm section. The gusset plate is labeled "GUSSET PLATE" and has a thickness of 8 mm. The tower section is labeled "4-T-F1-20-140-500". The gusset plate is made of PL500x440x35. The tower section is made of PG 300x300x20x8. The gusset plate is welded to the tower section with 4-T-F1-20-140-500 welds.

Technical drawing of a rectangular plate with the following dimensions and specifications:

- Overall width: 240
- Overall height: 300
- Top flange width: 60
- Top flange thickness: 120
- Bottom flange width: 60
- Bottom flange thickness: 120
- Central web width: 40
- Central web height: 80
- Material: 4-T-F1-20-125-500
- Plate size: PL300x240x20
- Post size: PG 200x200x10x6

Structural drawing of a roof truss system. The drawing shows a grid of columns labeled A, B, C, and D horizontally, and 1, 2, 3, and 4 vertically. The total width is 12000, divided into segments of 3900, 4200, and 3900. The total height is 14000, divided into segments of 4000, 6000, and 4000. The drawing includes various structural components and dimensions:


- Columns:** IPE180 at the corners and along the grid lines.
- Beams:** BOX80x80x4, BOX80x80x5, and PG 150x150x10x6.
- Truss Members:** Diagonal members labeled $\phi 25$ and $C \phi 9$.
- Dimensions:** Horizontal dimensions (3900, 4200, 3900) and vertical dimensions (4000, 6000, 4000).
- Annotations:** $\phi 25$ for bolts, $C \phi 9$ for cables, and $\frac{5}{8}$ for specific dimensions.

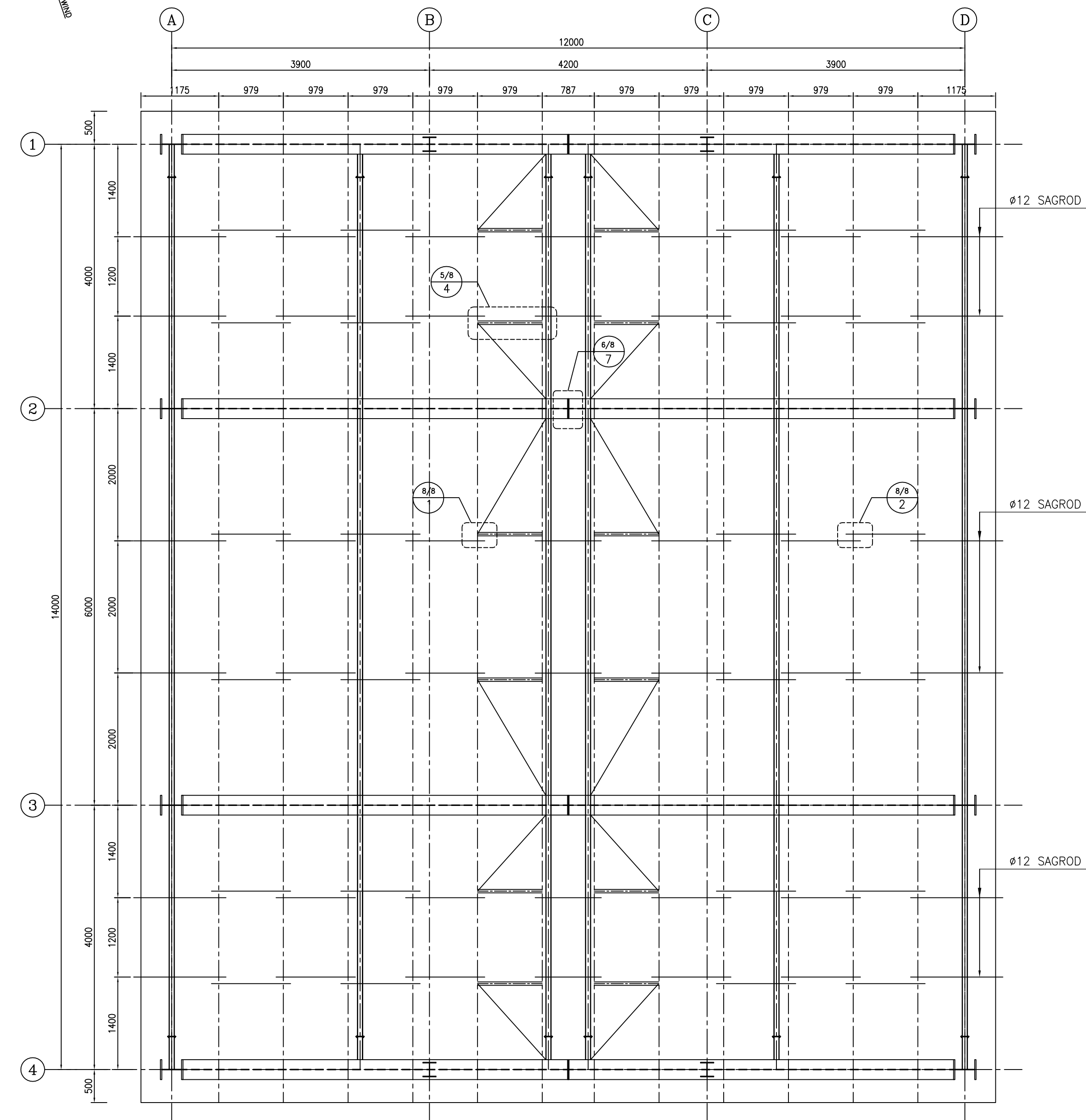
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REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.							
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION													
PROJECT NO.: 971020													
EPC CONTRACTOR:				EPD/EPC CONTRACTOR (GC):									
  HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES				 PETROIRAN DEVELOPMENT COMPANY									
DRAWING TITLE: STRUCTURAL DRAWING FOR UTILITY SHELTER													
SCALE	SIZE	DRAWING NO.				SHEET NO.	REV.						
AS SHOWN	A1	BK-GCS-PEDCO-120-ST-DW-0068				01	D00						

LEGEND	
T.O.G.	: TOP OF GROUT
C.O.S.	: CENTER OF STEEL
C.O.ST.	: CENTER OF STRUT
T.O.BRACKET	: TOP OF BRACKET
T.O.B.	: TOP OF BEAM

REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR UTILITY SHELTER	BK-GCS-PEDCO-120-AR-DW-0005
GENERAL NOTES-STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
TYPICAL DETAILS FOR ANCHOR BOLTS	BK-GNRL-PEDCO-000-ST-DW-0002
FOUNDATION DRAWING FOR UTILITY SHELTER	BK-GCS-PEDCO-120-ST-DW-0067

THIS DRAWING

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REV.	DESCRIPTION	BY	DATE	BY	DATE	
		CHECKED		REV. APPR.		
اصل و نسخہ تک این نقشہ و حق اقتباس متعلق بہ شرکت ملی مائعات نفت جنوب میبماند.						
	THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION						
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
APPROVED FOR CONSTRUCTION		BY:		DATE:		
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	M	709205	01 OF 08	D00



NOTES

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- 3) STRUCTURAL STEEL SHAPE & PLATES SHALL CONFORM TO S235JR WITH MINIMUM YIELD STRESS OF $F_y=2400 \text{ kg/cm}^2$.
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Architectural drawing of the interior of the 9/11 World Trade Center towers. The drawing shows the layout of the towers, including the main floor, the upper floors, and the surrounding area. A north arrow is located at the top center, and a scale bar is at the top right. The text "THIS DRAWING" is visible at the bottom.

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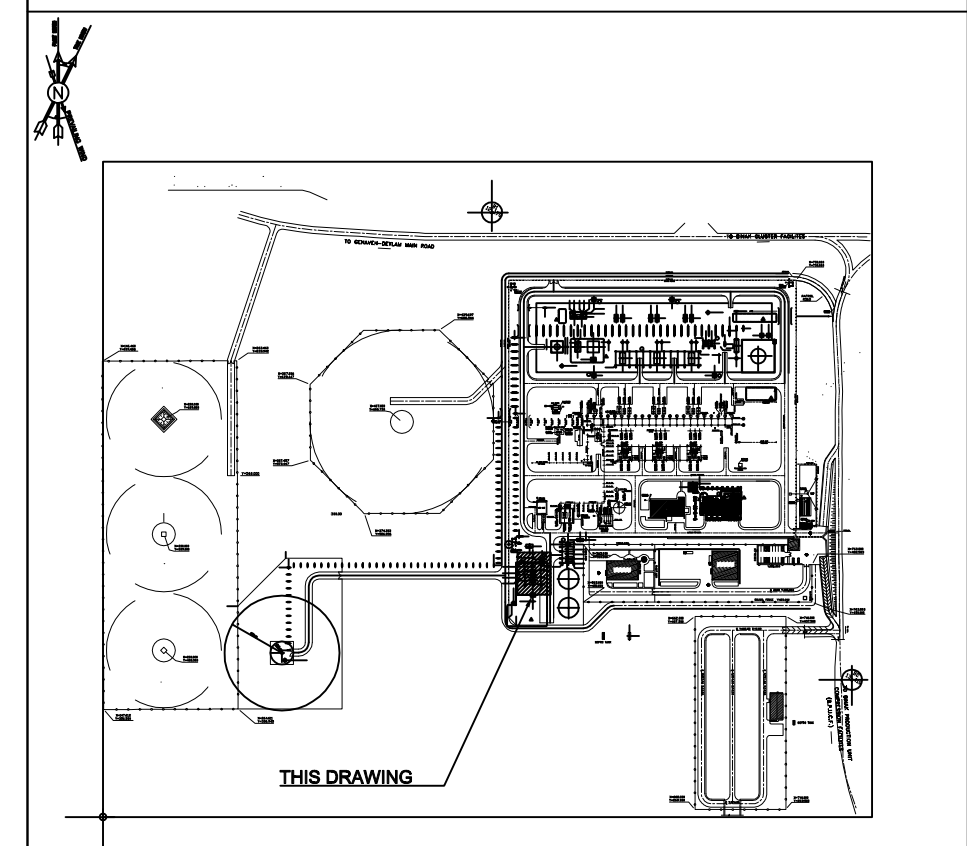
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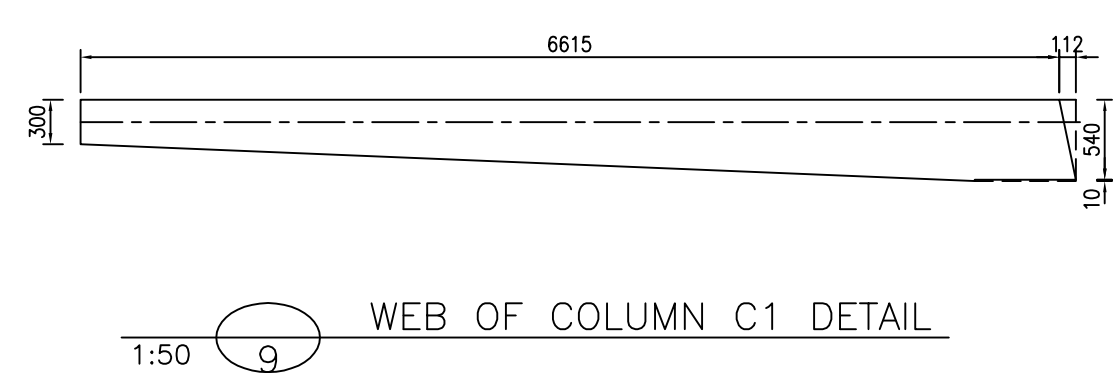
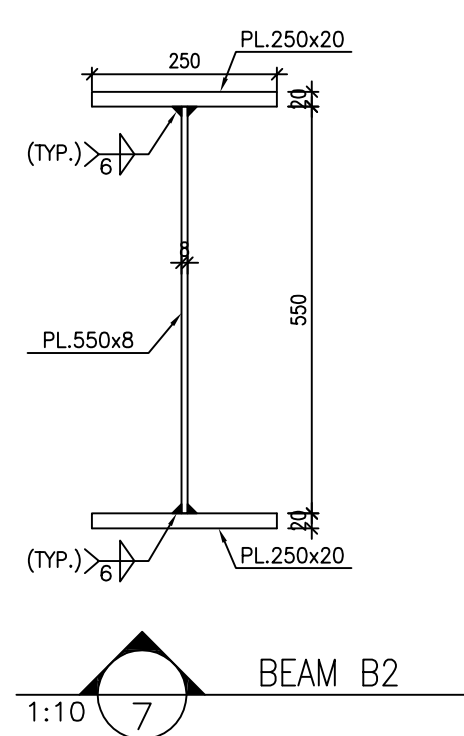
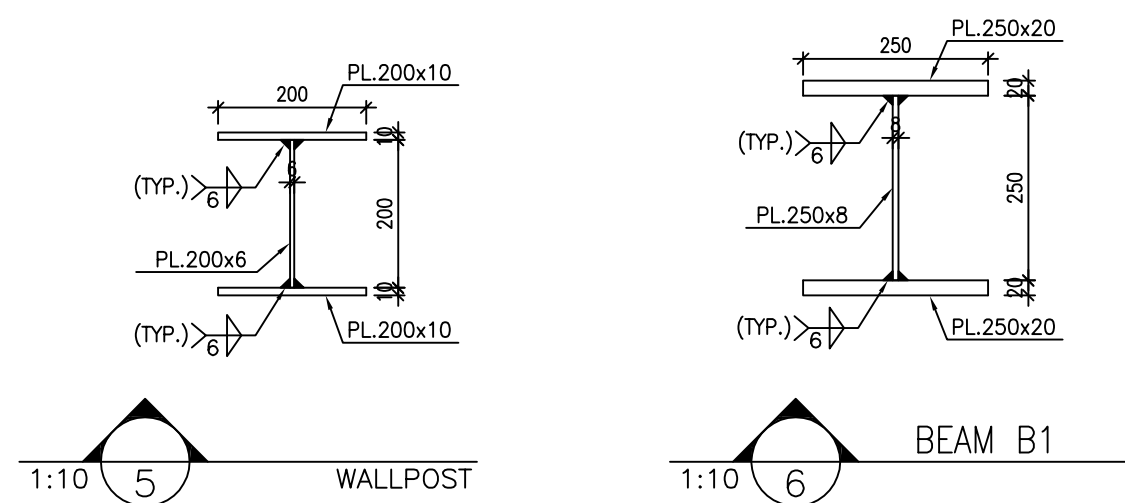
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KEY PLAN

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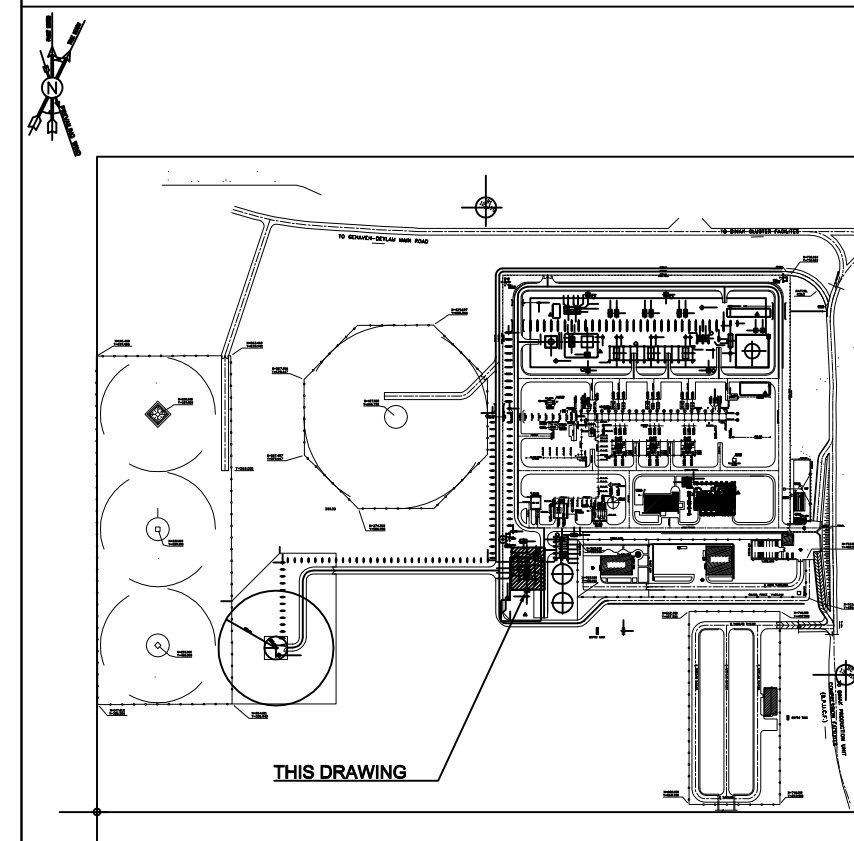
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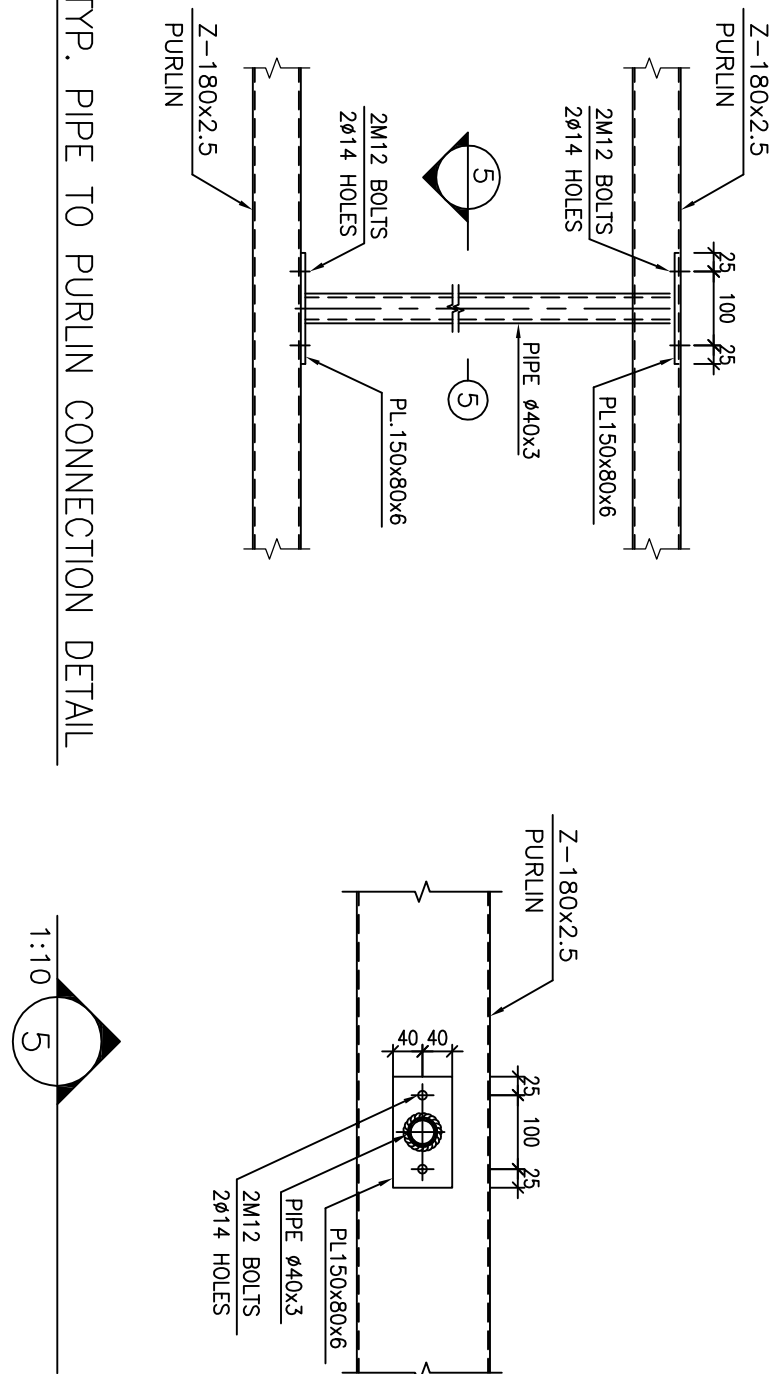
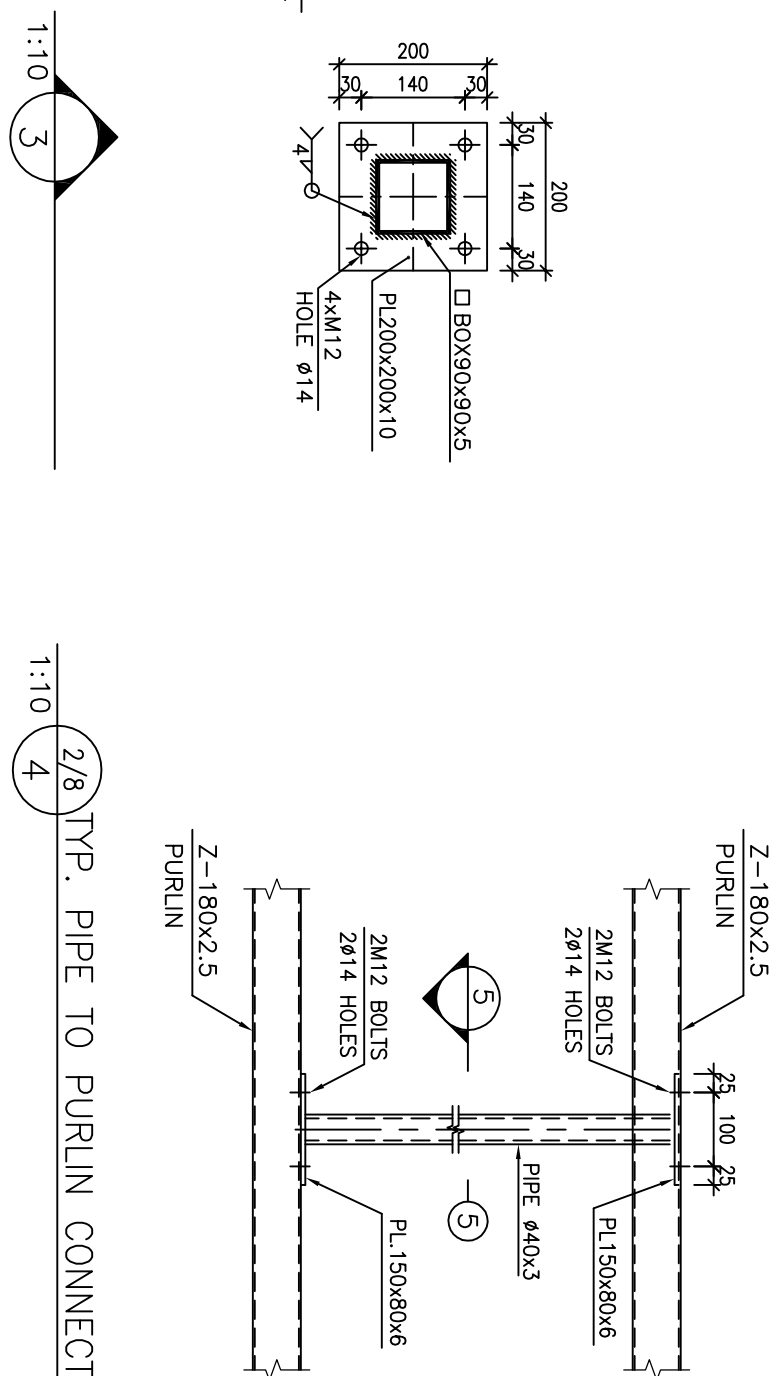
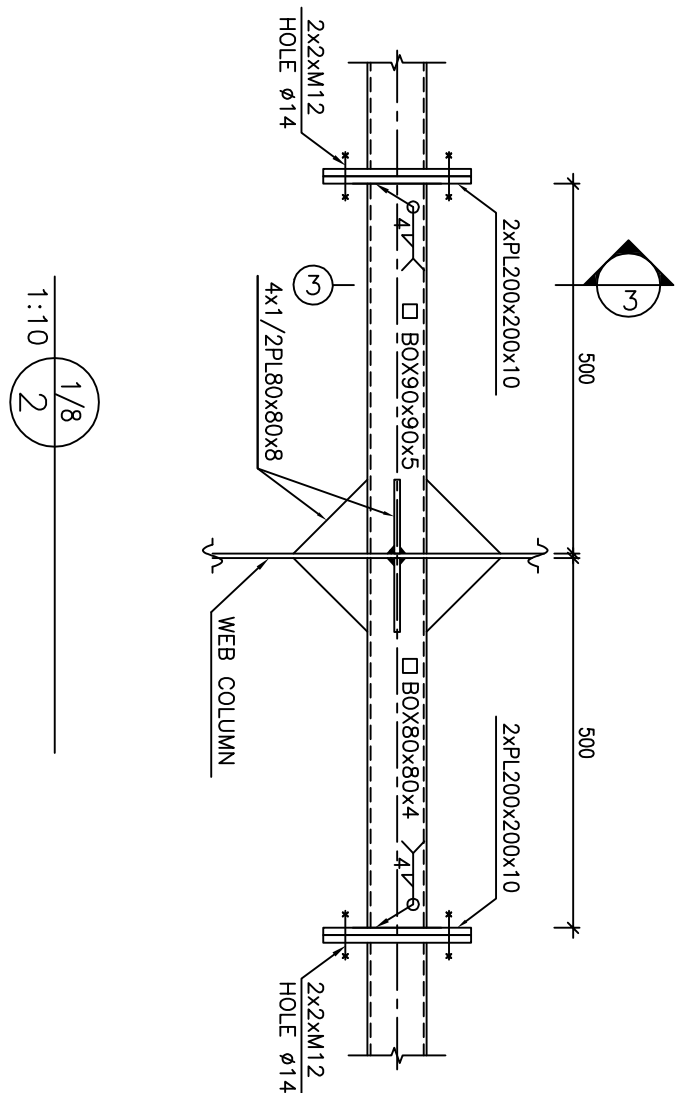
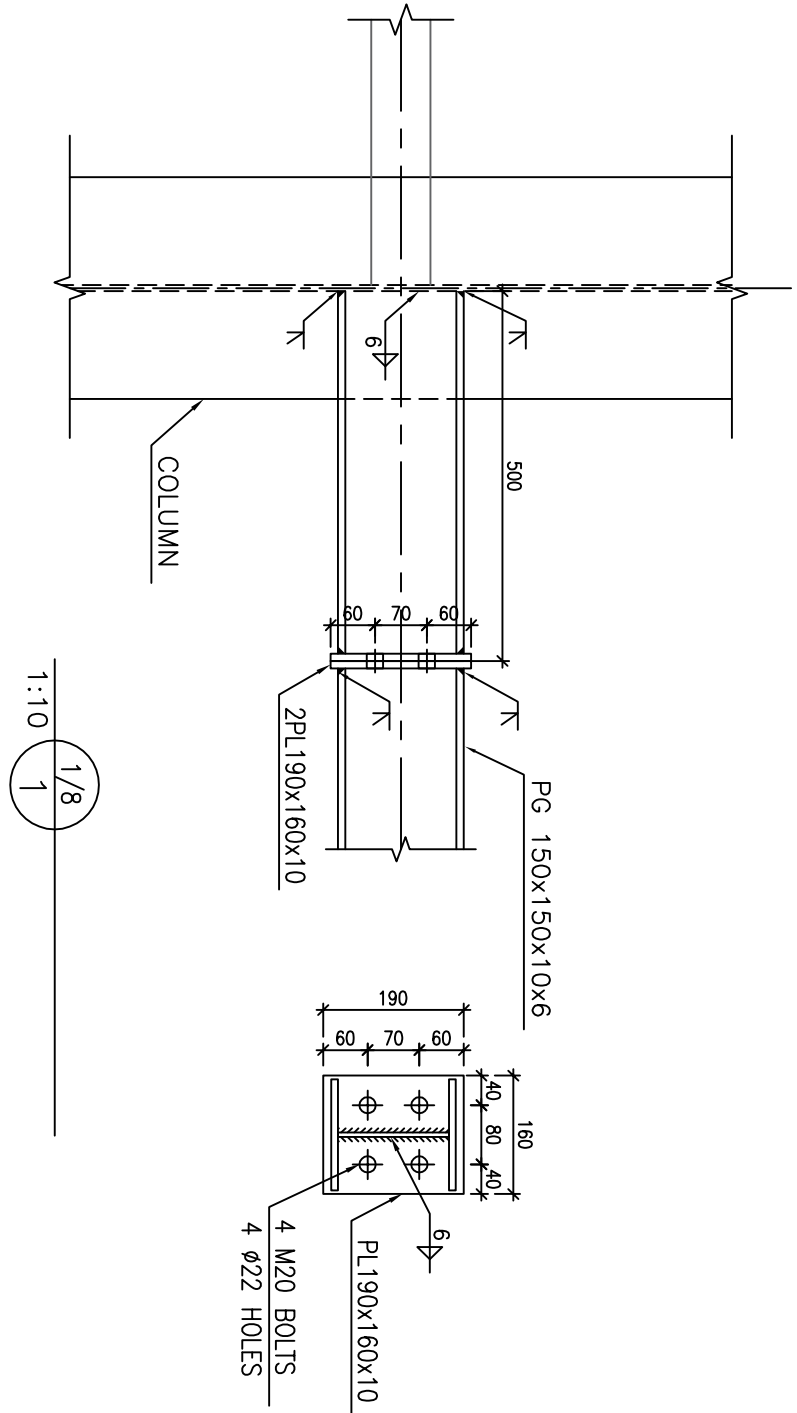
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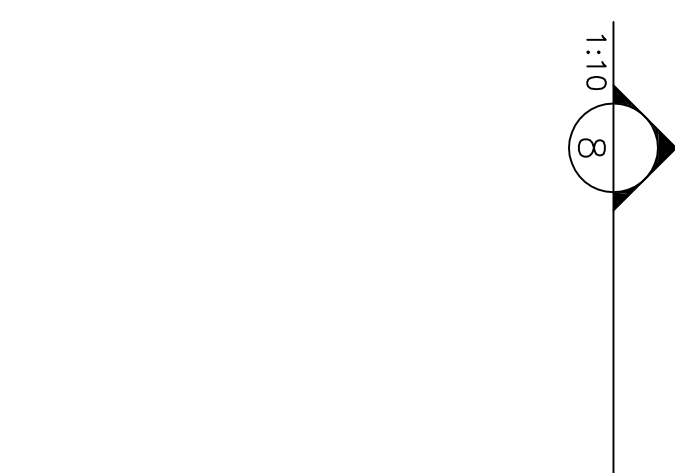
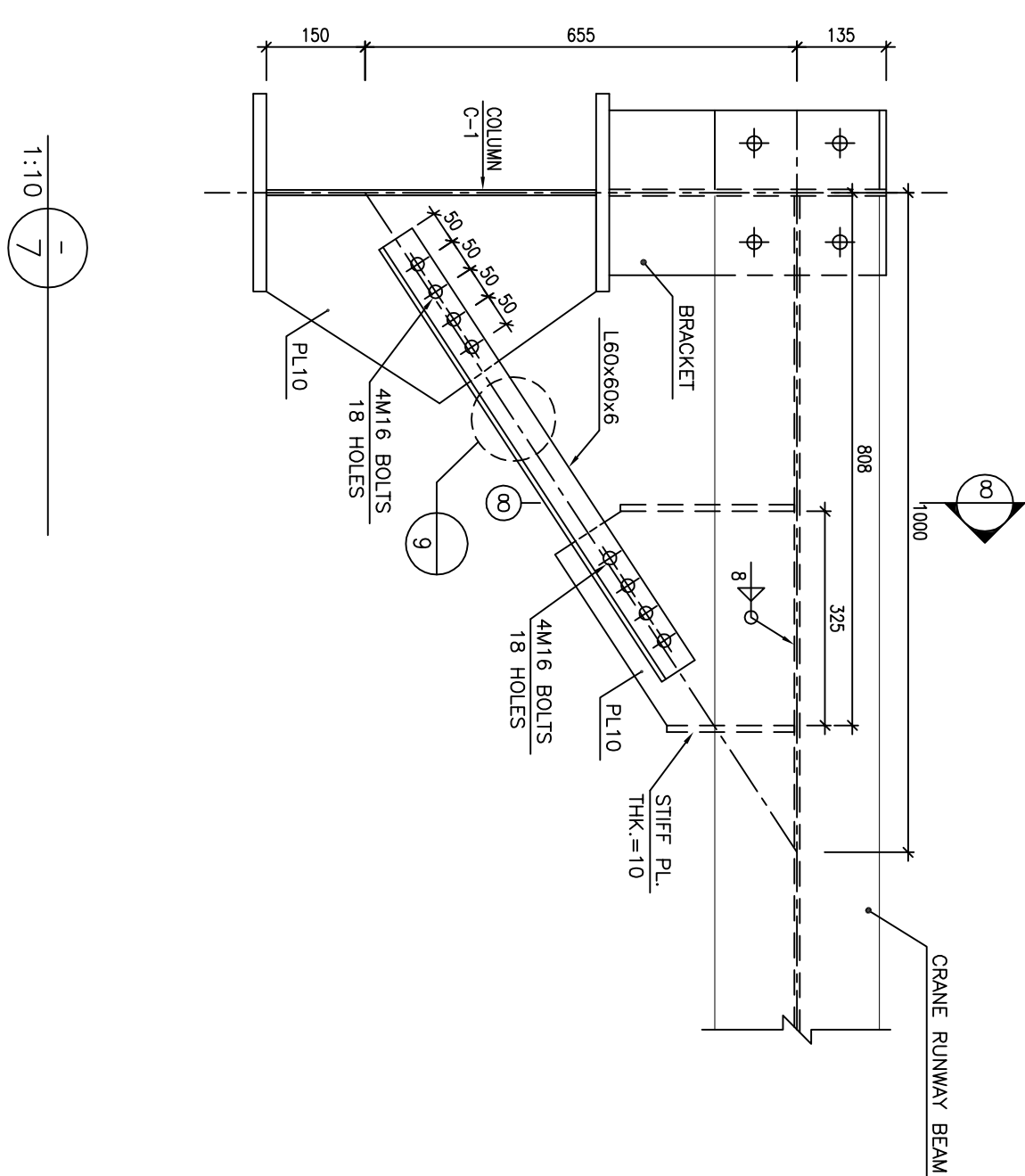
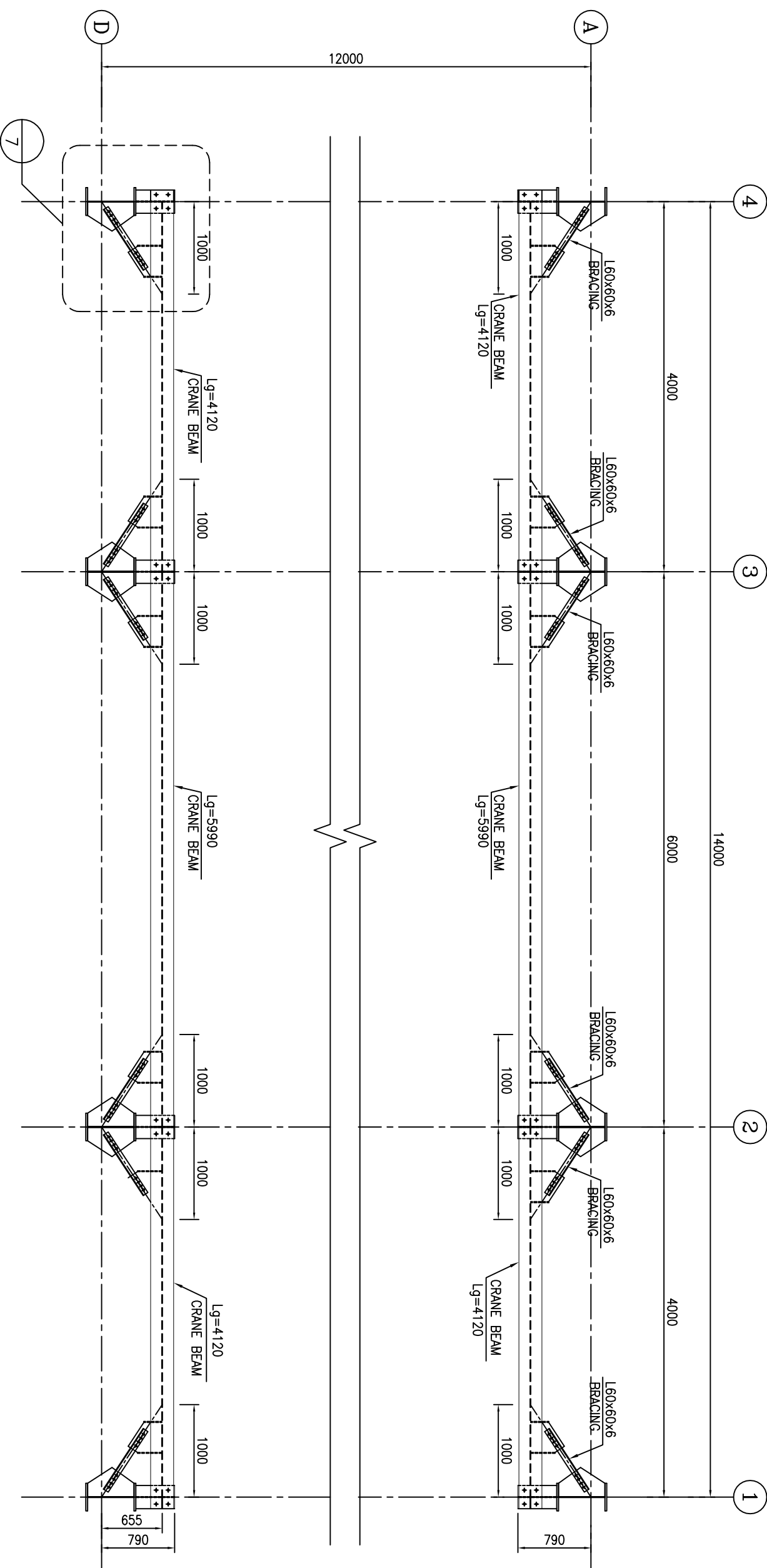
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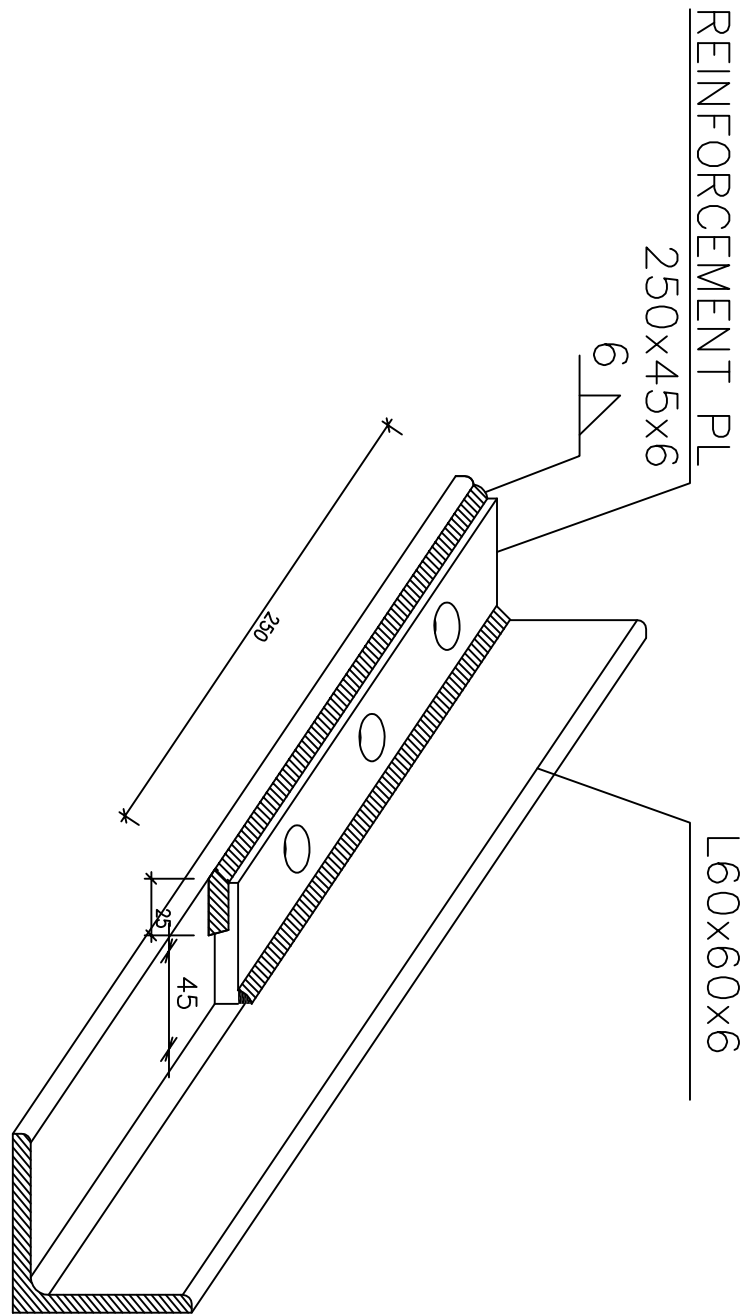
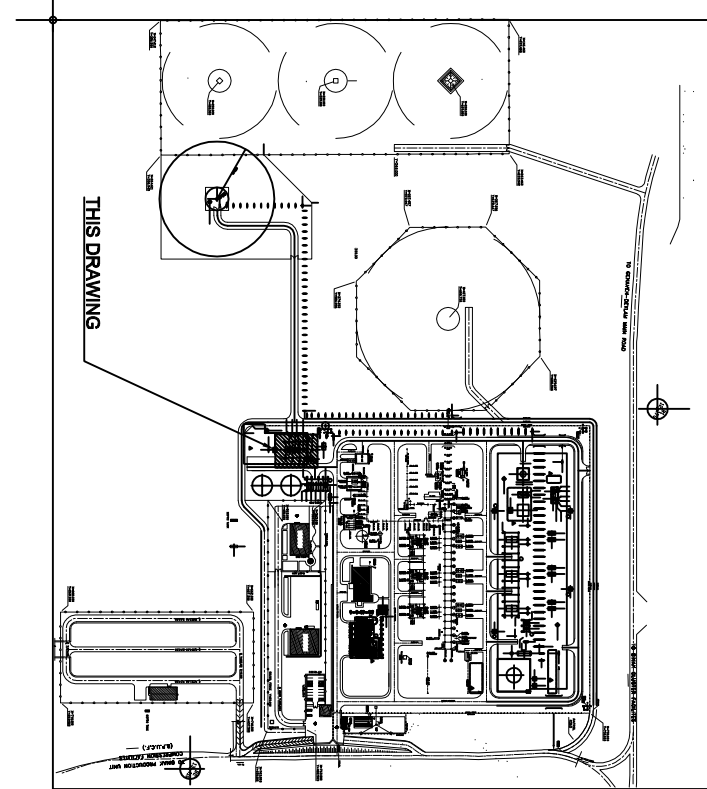
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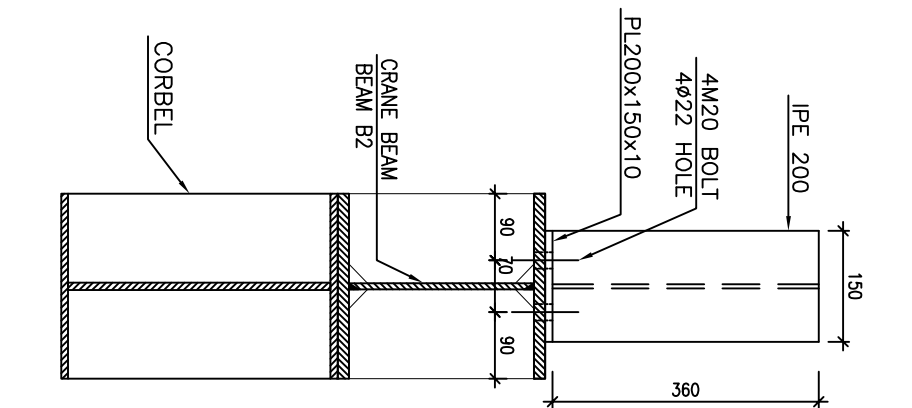
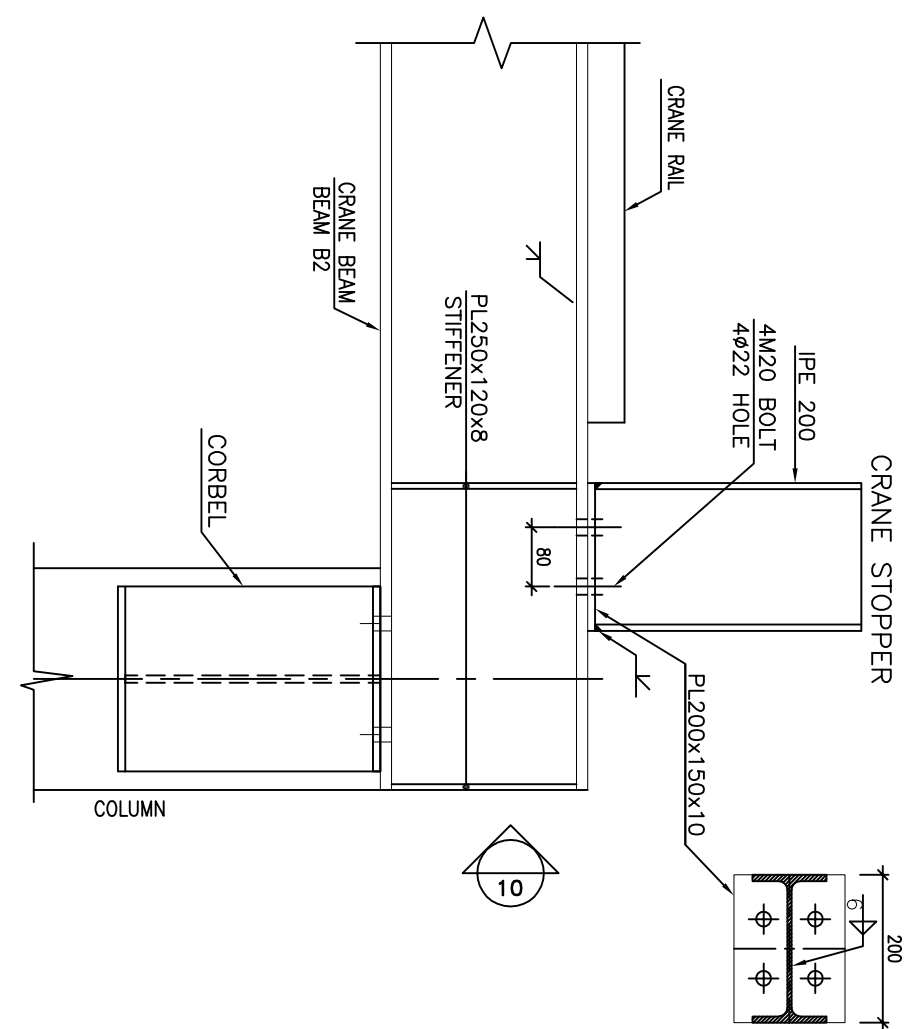
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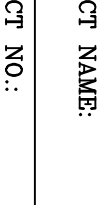

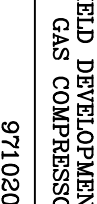



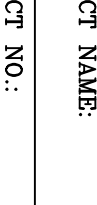

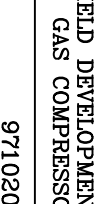



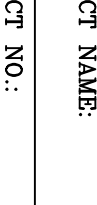

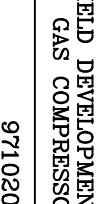



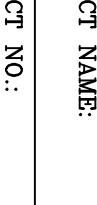

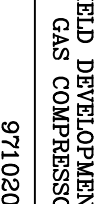



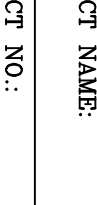

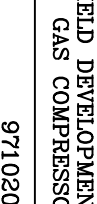



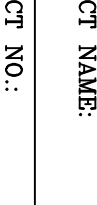

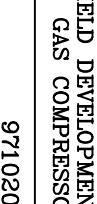



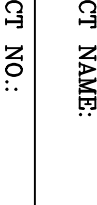

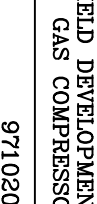



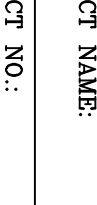

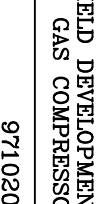



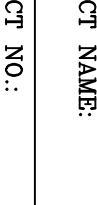

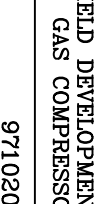



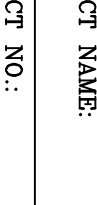

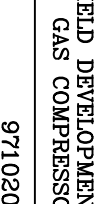



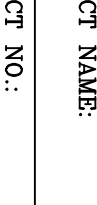

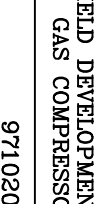



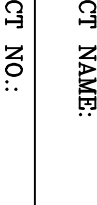

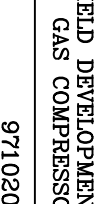



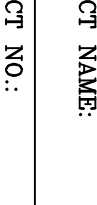

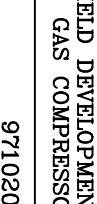



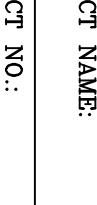

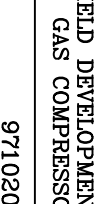


KEY PLAN



BRACING DETAILS AT ENDS OF ANGLES



<div><div><div>HIRGAN ENERGY</div></div><div><div>IRIS</div></div><div><div>HIRGAN ENERGY</div></div></div> <div><div>DESIGN & INSPECTION COMPANIES</div><div>PETROIRAN DEVELOPMENT COMPANY</div></div>				<div><div><div>HIRGAN ENERGY</div></div><div><div>IRIS</div></div><div><div>HIRGAN ENERGY</div></div></div> <div><div>DESIGN & INSPECTION COMPANIES</div><div>PETROIRAN DEVELOPMENT COMPANY</div></div>			
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							7029205
							05 OF 08
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REV. DATE				REV. APPR.			
P.O.I.S				P.O.I.S			
PREP. CHK. APP. AUT.				PREP. CHK. APP. AUT.			
PROJECT NAME: BNAK OILFIELD DEVELOPMENT/SURFACE FACILITIES				BNAK OILFIELD DEVELOPMENT/SURFACE FACILITIES			
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NOTES

- 1) ALL ELEVATIONS AND COORDINATES ARE IN "m" AND DIMENSIONS ARE IN "mm" UNLESS OTHERWISE NOTED.
- 2) ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- 3) STRUCTURAL STEEL SHAPE & PLATES SHALL CONFORM TO S235JR WITH MINIMUM YIELD STRESS OF $f_y=2400 \text{ kg/cm}^2$.
- 4) ALL BOLTS ARE HIGH STRENGTH BOLTS GRADE 8.8 WITH MINIMUM TENSILE STRENGTH OF $f_u=800 \text{ MPa}$.
- 5) ANCHOR BOLTS SHALL BE ASTM A307 GRADE C.
- 6) ALL WELDING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF STRUCTURAL WELDING CODE, AWS D1.1:2011M.
- 7) TYPE OF WELDING ELECTRODE SHALL BE E70 AND IN ACCORDANCE WITH SPECIFICATION FOR STRUCTURAL STEEL FABRICATION AND ERECTION.
- 8) FLANGES SHOULD BE CONTINUOUSLY WELDED TO THE WEB.
- 9) WELDING SPICE SHALL BE PROVIDED AT SHOP AND NOT PERMITTED AT FIELD.
- 10) COLUMN SPICE ELEVATION SHALL BE LOCATED 1.2m OR MORE AWAY FROM THE BEAM-TO-COLUMN CONNECTIONS.

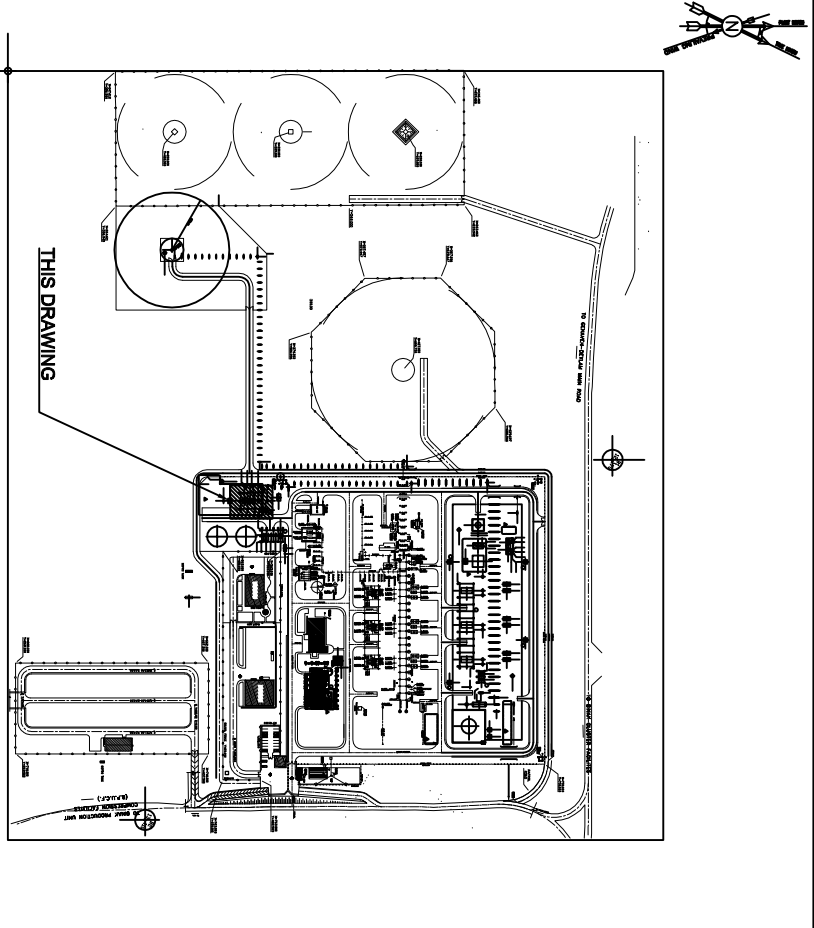
LEGEND

T.O.G. : TOP OF GROUT
C.O.S. : CENTER OF STEEL
C.O.S.T. : CENTER OF STRUT
T.O.BRACKET : TOP OF BRACKET
T.O.B. : TOP OF BEAM

REFERENCE DRAWING

ARCHITECTURAL DRAWING FOR UTILITY SHELTER	DRG. No.
GENERAL NOTES-STEEL STRUCTURES	BK-GCS-PE200-120-AK-DW-0005
TYPICAL DETAILS FOR ANCHOR BOLTS	BK-GNKL-PE200-000-ST-DW-0011
FOUNDATION DRAWING FOR UTILITY SHELTER	BK-GCS-PE200-120-ST-DW-0007

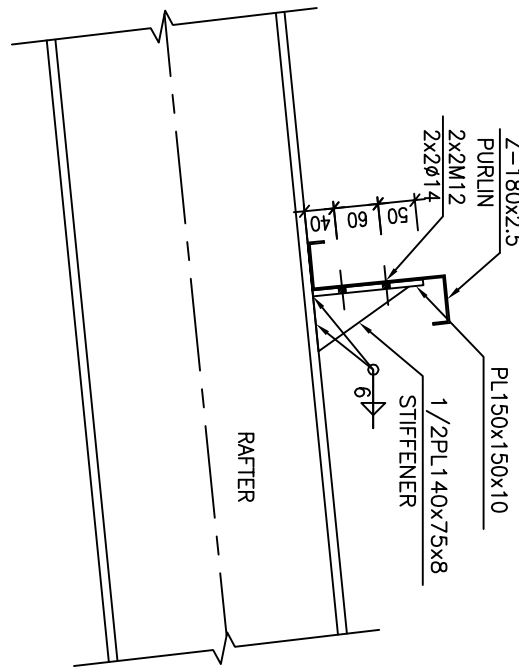
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NOTES

- 1) ALL ELEVATIONS AND COORDINATES ARE IN "m" AND DIMENSIONS ARE IN "mm" UNLESS OTHERWISE NOTED.
- 2) ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- 3) STRUCTURAL STEEL SHAPE & PLATES SHALL CONFORM TO S235JR WITH MINIMUM YIELD STRESS OF $f_y=2400 \text{ kg/cm}^2$.
- 4) ALL BOLTS ARE HIGH STRENGTH BOLTS GRADE 8.8 WITH MINIMUM TENSILE STRENGTH OF $f_u=800 \text{ MPa}$.
- 5) ANCHOR BOLTS SHALL BE ASTM A307 GRADE C.
- 6) ALL WELDING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF STRUCTURAL WELDING CODE, AWS D1.1:2011M.
- 7) TYPE OF WELDING ELECTRODE SHALL BE E70 AND IN ACCORDANCE WITH SPECIFICATION FOR STRUCTURAL STEEL FABRICATION AND ERECTION.
- 8) FLANGES SHOULD BE CONTINUOUSLY WELDED TO THE WEB.
- 9) WELDING SPICE SHALL BE PROVIDED AT SHOP AND NOT PERMITTED AT FIELD.
- 10) COLUMN SPICE ELEVATION SHALL BE LOCATED 1.2m OR MORE AWAY FROM THE BEAM-TO-COLUMN CONNECTIONS.



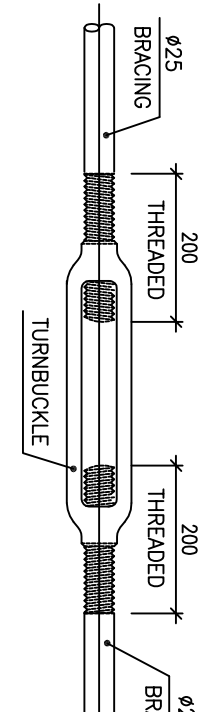
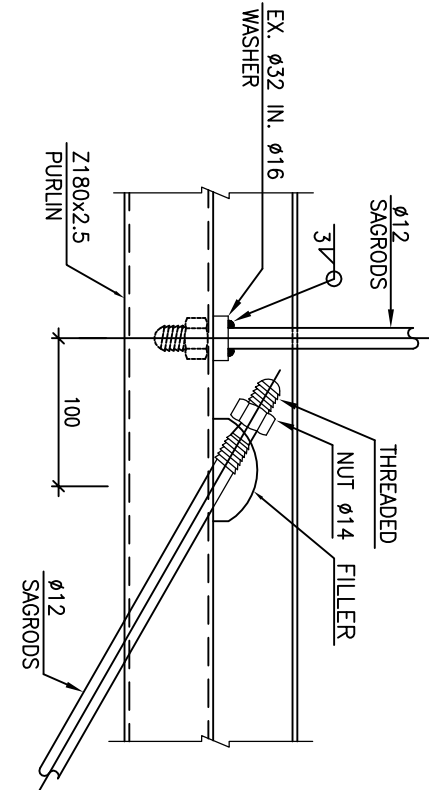
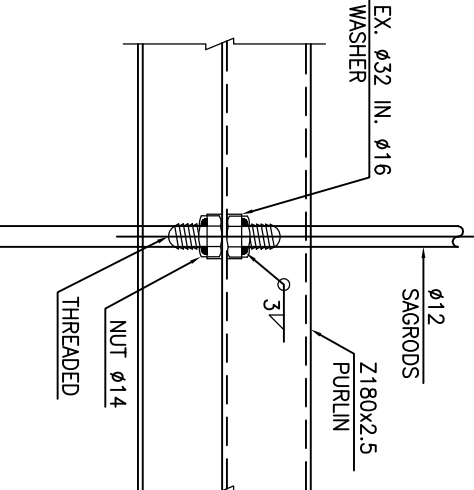
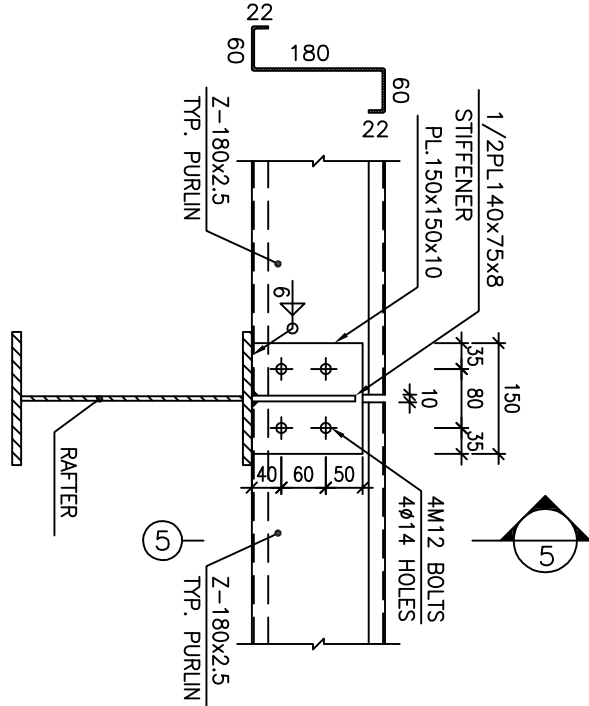
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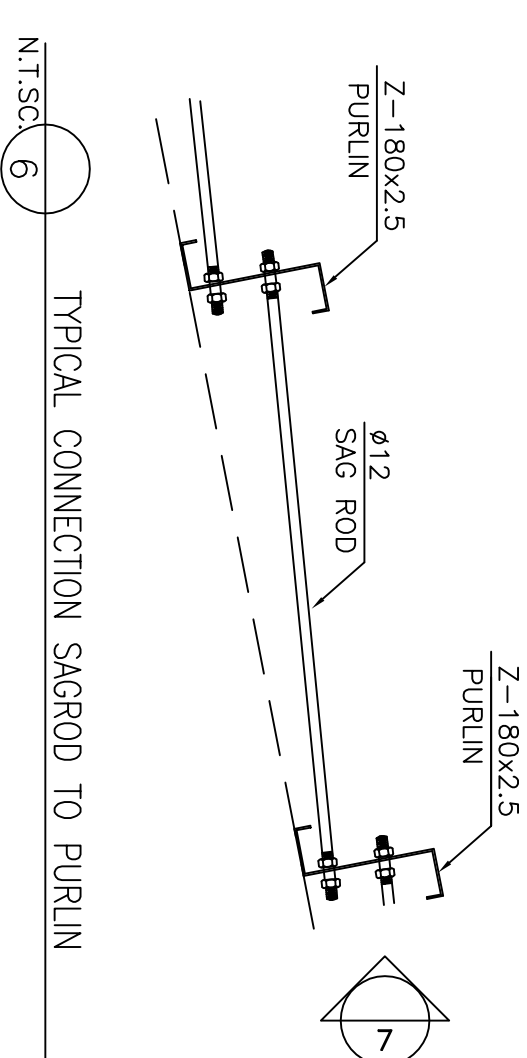
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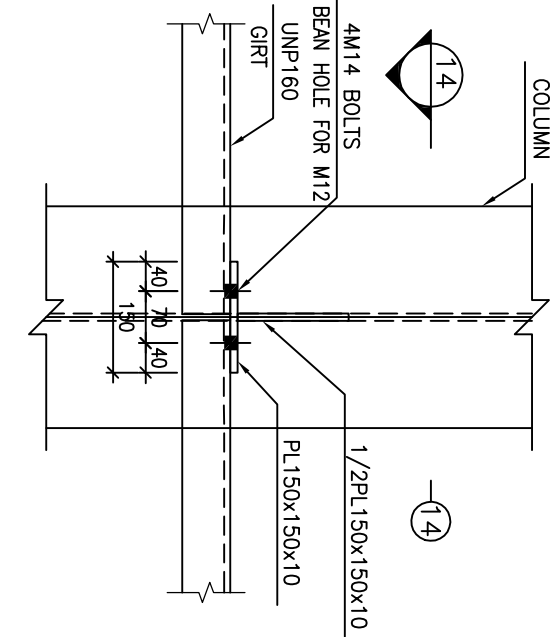
1:10 8 TYP. TURNBUCKLE

1:10 7



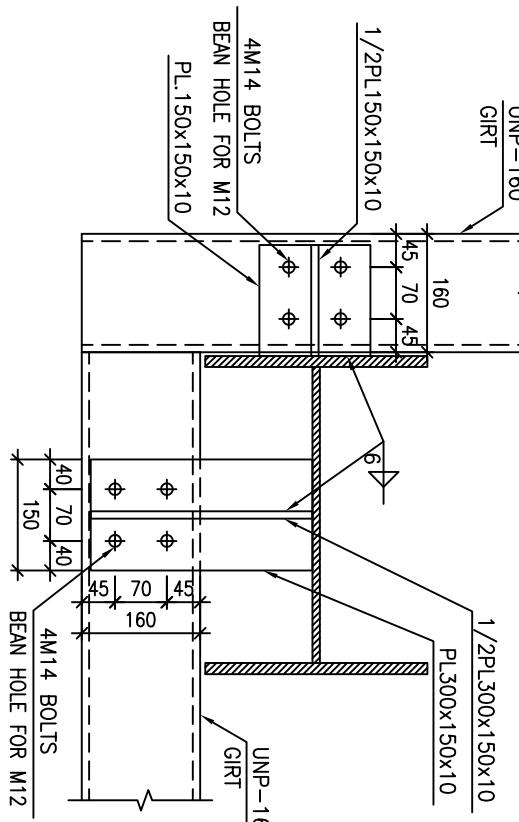
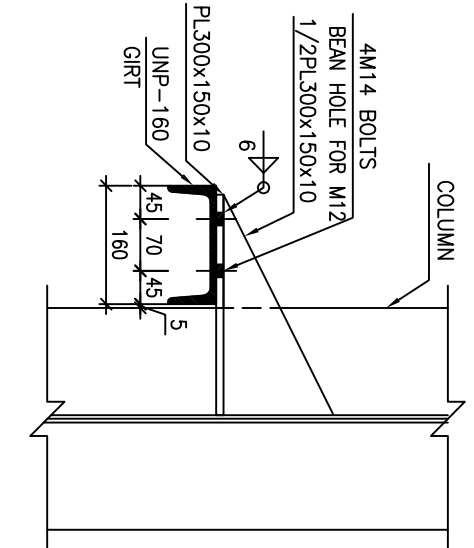
1:10 6 TYPICAL CONNECTION SAGROD TO PURLIN

1:10 9 TYP. ROOF BRACINGS CONNECTION



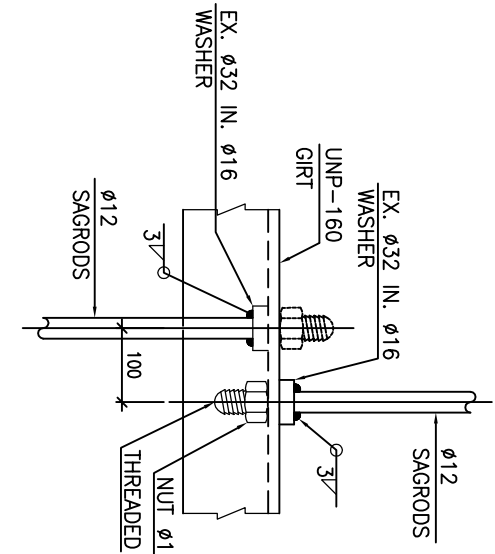
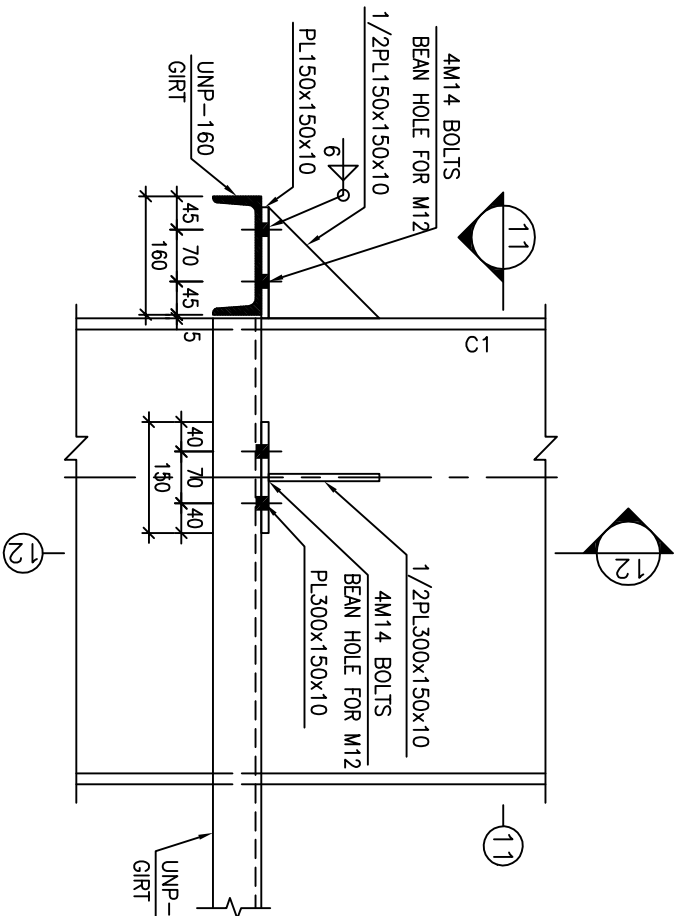
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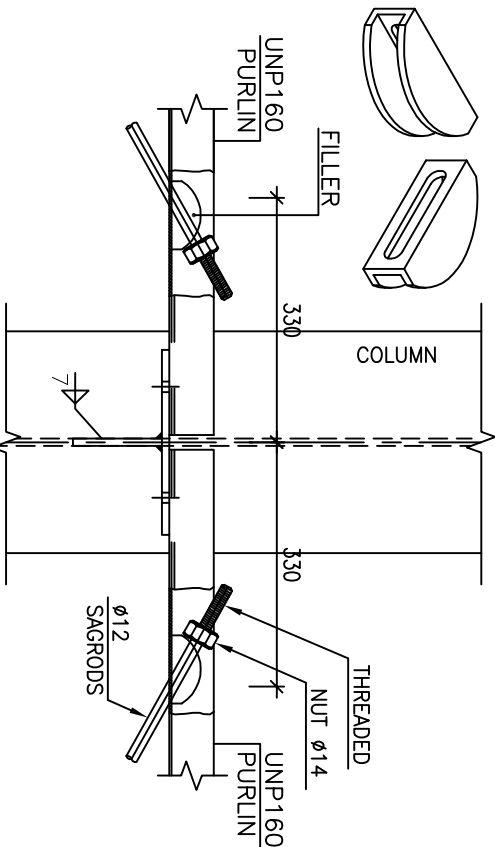
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1:10 10



1:10 18 TYP. SAGROD IN GIRT

1:10 17 TYP. SAGROD IN GIRT



1:10 16 TYP. VIEW OF SAGROD IN GIRT

1:10 15

