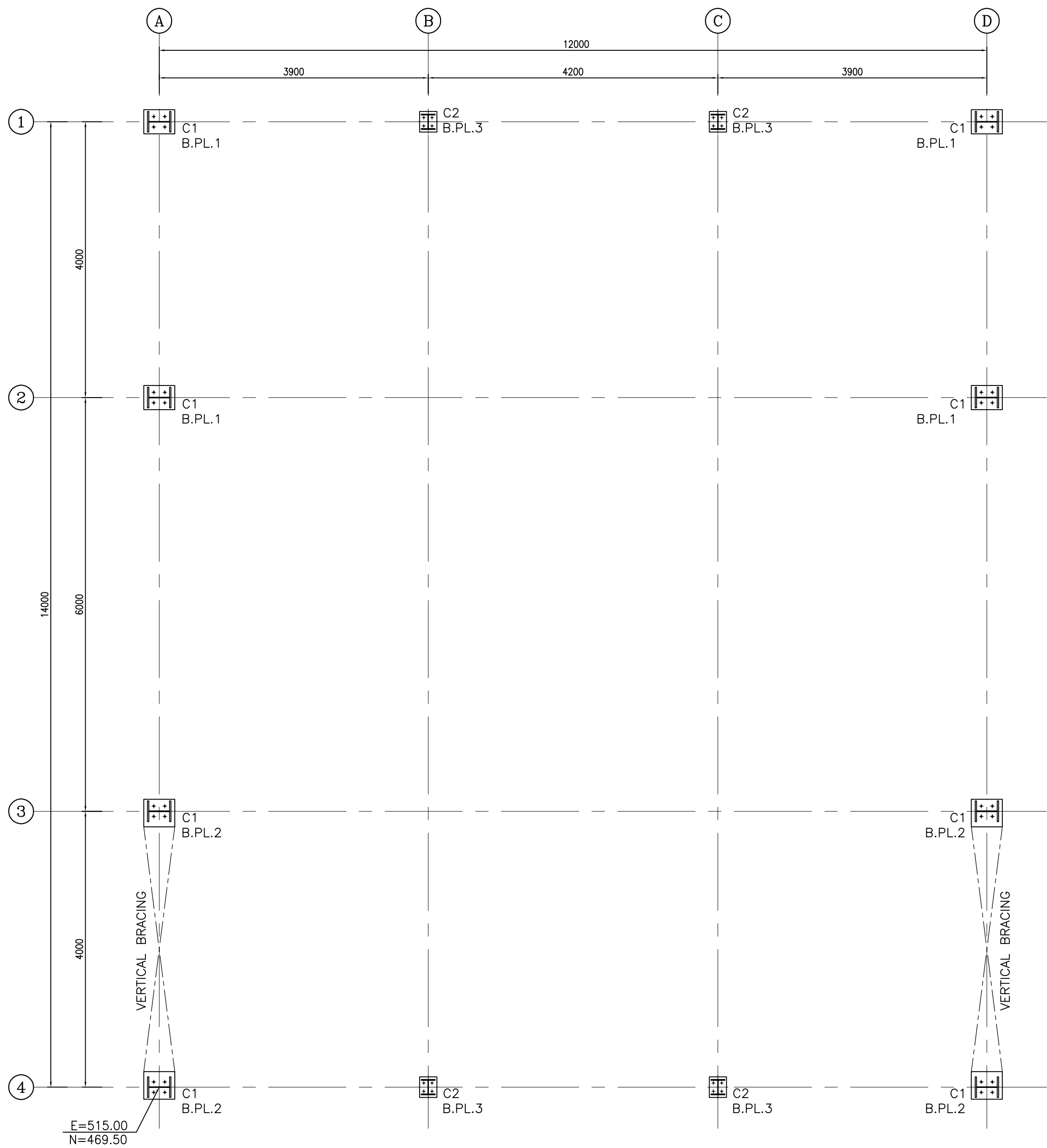
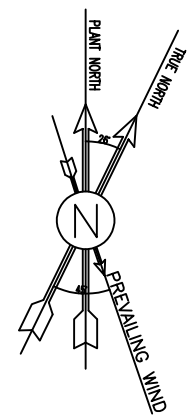
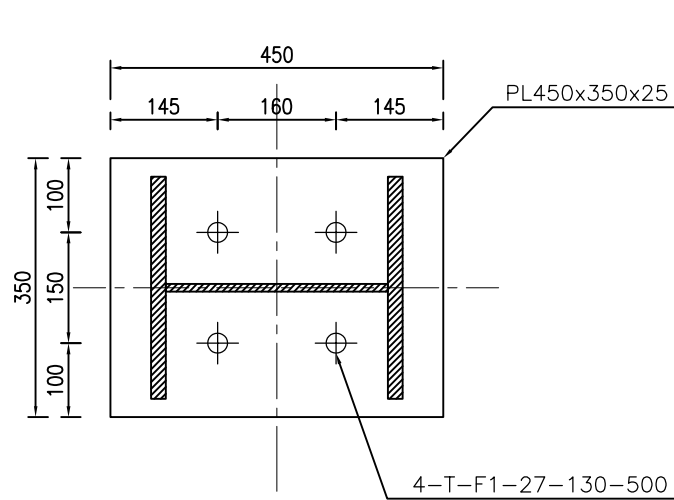
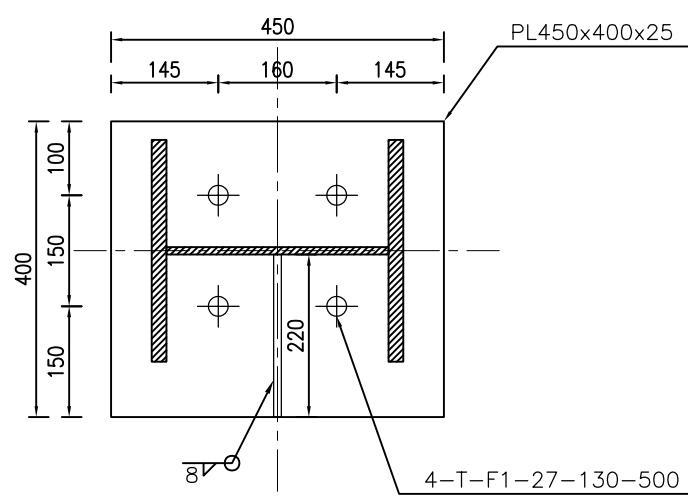




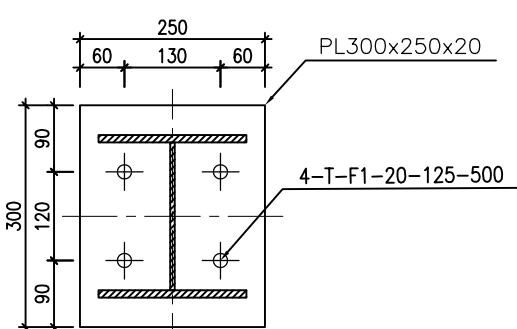
1:50 1 COLUMN & BASE PLATE LAYOUT PLAN



1:10 3 BASE PLATE 1 N=4

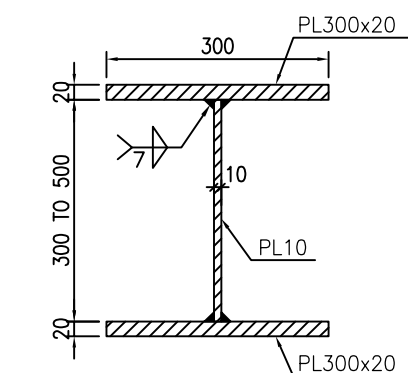


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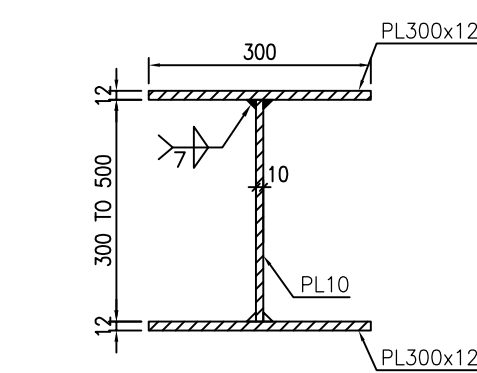


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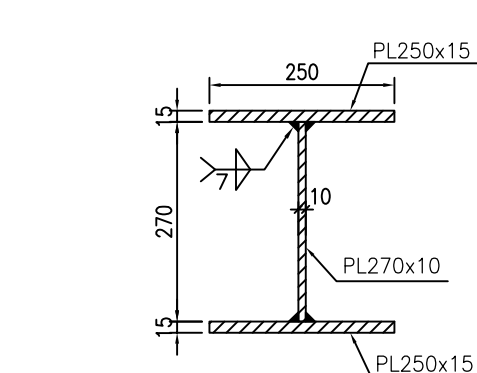
D02



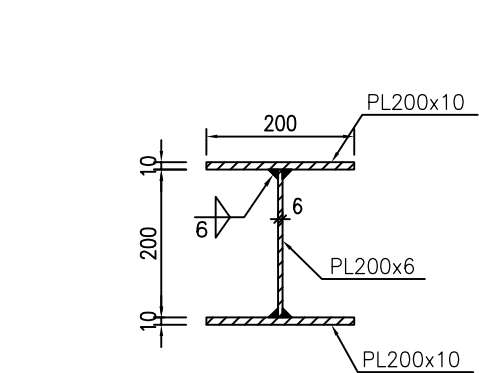
1:10 7 COLUMN C1



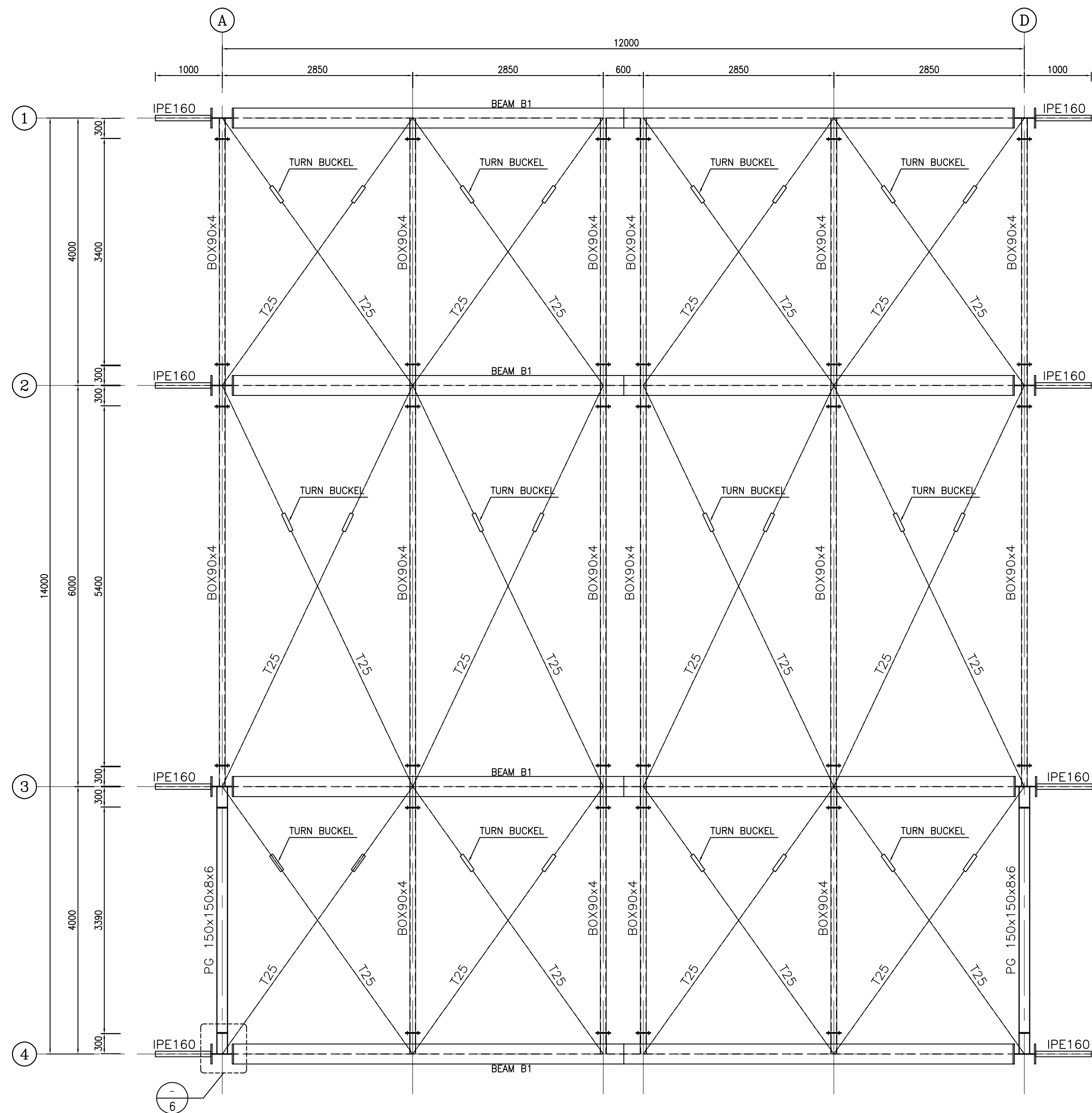
1:10 8 BEAM B1



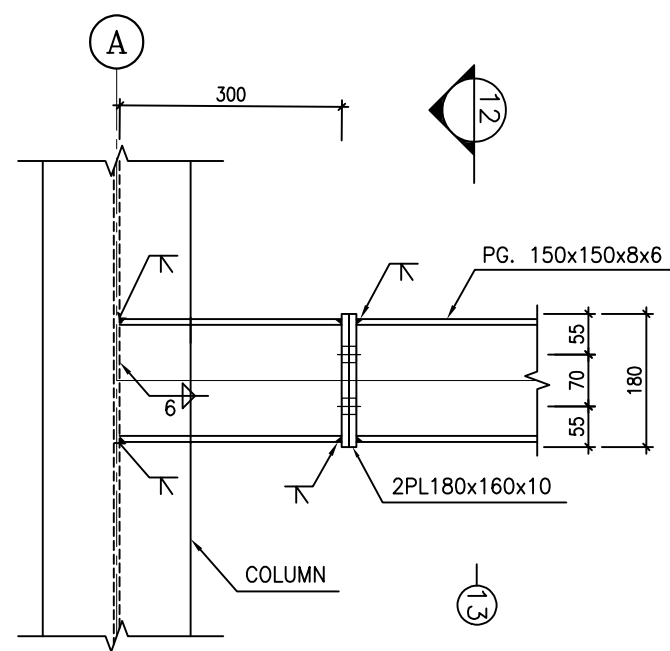
1:10 9 CRANE RUNWAY BEAM



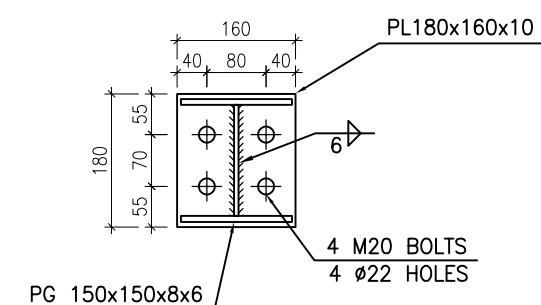
1:10 10 WALLPOST BEAM



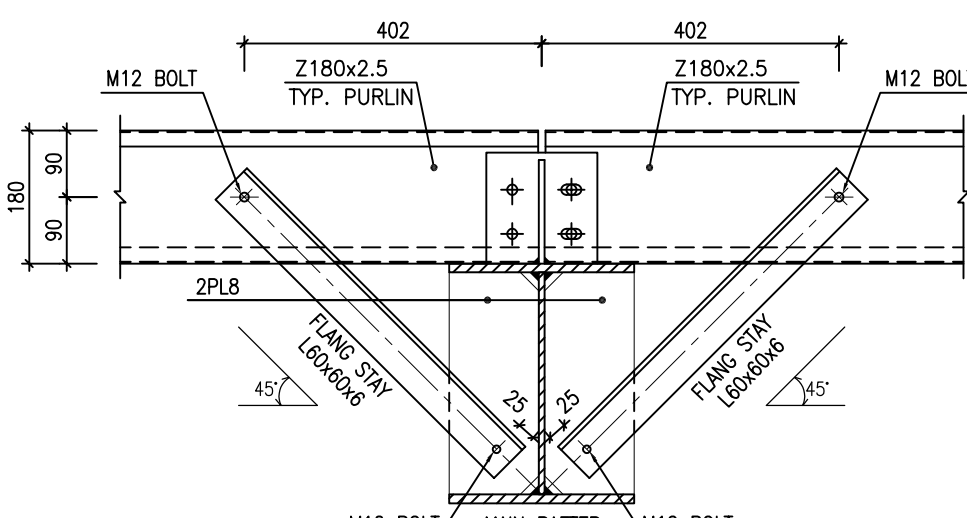
1:50 2 ROOF HORIZONTAL BRACING PLAN



1:10 6 TYPICAL DETAIL OF PG150x150x8x6



1:10 12 TYPICAL DETAIL OF PL180x160x10



1:10 11 FLANG STAY TYPICAL DETAIL

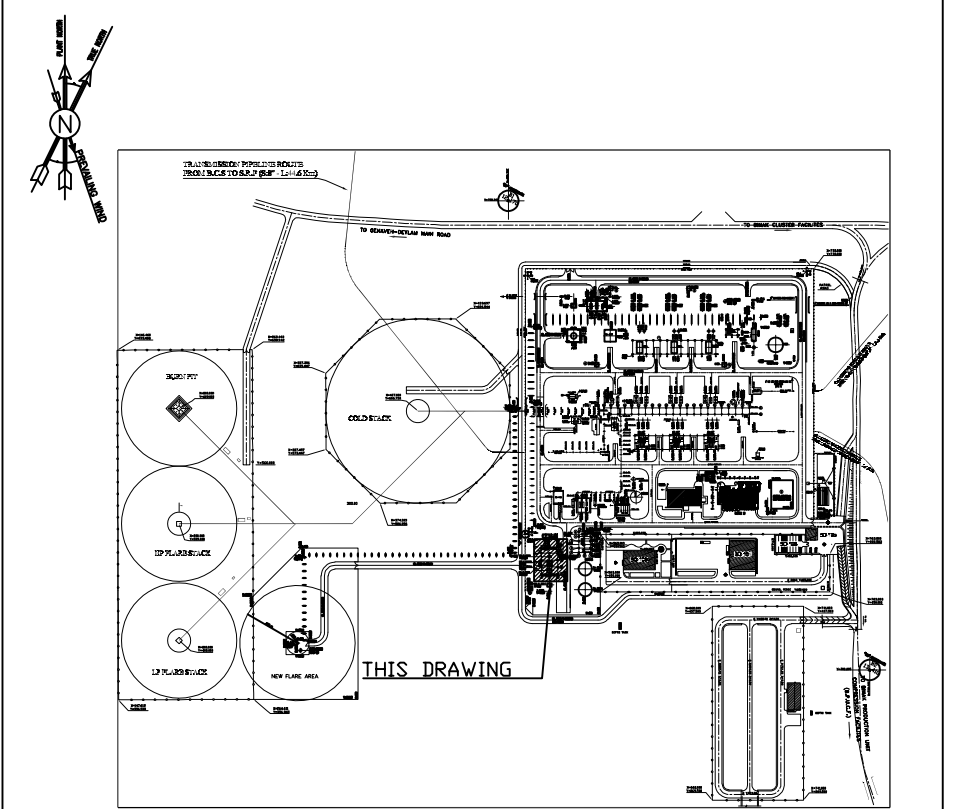
- NOTES
- 1) ALL ELEVATIONS AND COORDINATES ARE IN "m" AND DIMENSIONS ARE IN "mm" UNLESS OTHERWISE NOTED.
 - 2) ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
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 - 5) STRUCTURAL STEEL SHAPE & PLATES SHALL CONFORM TO S235JR WITH MINIMUM YIELD STRESS OF $F_y=24000 \text{ kg/cm}^2$.
 - 6) ALL BOLTS ARE HIGH STRENGTH BOLTS GRADE 8.8 WITH MINIMUM TENSILE STRENGTH OF $F_u=800 \text{ MPa}$.
 - 7) ANCHOR BOLTS SHALL BE ASTM A307 GRADE C.
 - 8) ALL WELDING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF STRUCTURAL WELDING CODE, AWS D1.1/D1.1M.
 - 9) TYPE OF WELDING ELECTRODE SHALL BE E70 AND IN ACCORDANCE WITH SPECIFICATION FOR STRUCTURAL STEEL FABRICATION AND ERECTION.
 - 10) FLANGES SHOULD BE CONTINUOUSLY WELDED TO THE WEB.

LEGEND	
F.G.L. : FINISH GROUND LEVEL	REINFORCED CONCRETE
T.O.G. : TOP OF GROUT	LEAN CONCRETE
T.O.F. : TOP OF FOUNDATION	GROUND
B.O.B. : BOTTOM OF BASEPLATE	
T.O.B. : TOP OF BEAM	
T.O.TIE : TOP OF TIE BEAM	
T.O.PED. : TOP OF PEDESTAL	
C.O.ST. : CENTER OF STRUT	

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-0007
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
SPECIFICATION FOR ERECTION OF STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-SP-0005
SPECIFICATION FOR FABRICATION OF STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-SP-0003
SPECIFICATION FOR STEEL STRUCTURAL WORK	BK-GNRL-PEDCO-000-ST-SP-0008
GEOTECHNICAL INVESTIGATION REPORT FOR COMPRESSOR STATION	BK-GCS-PEDCO-120-GT-RT-0001
SPECIFICATION FOR GROUTING	BK-GNRL-PEDCO-000-ST-SP-0004
SPECIFICATION FOR PAINTING	BK-GNRL-PEDCO-000-PI-SP-0006
SPECIFICATION FOR FIREPROOFING	BK-GNRL-PEDCO-000-ST-SP-0006

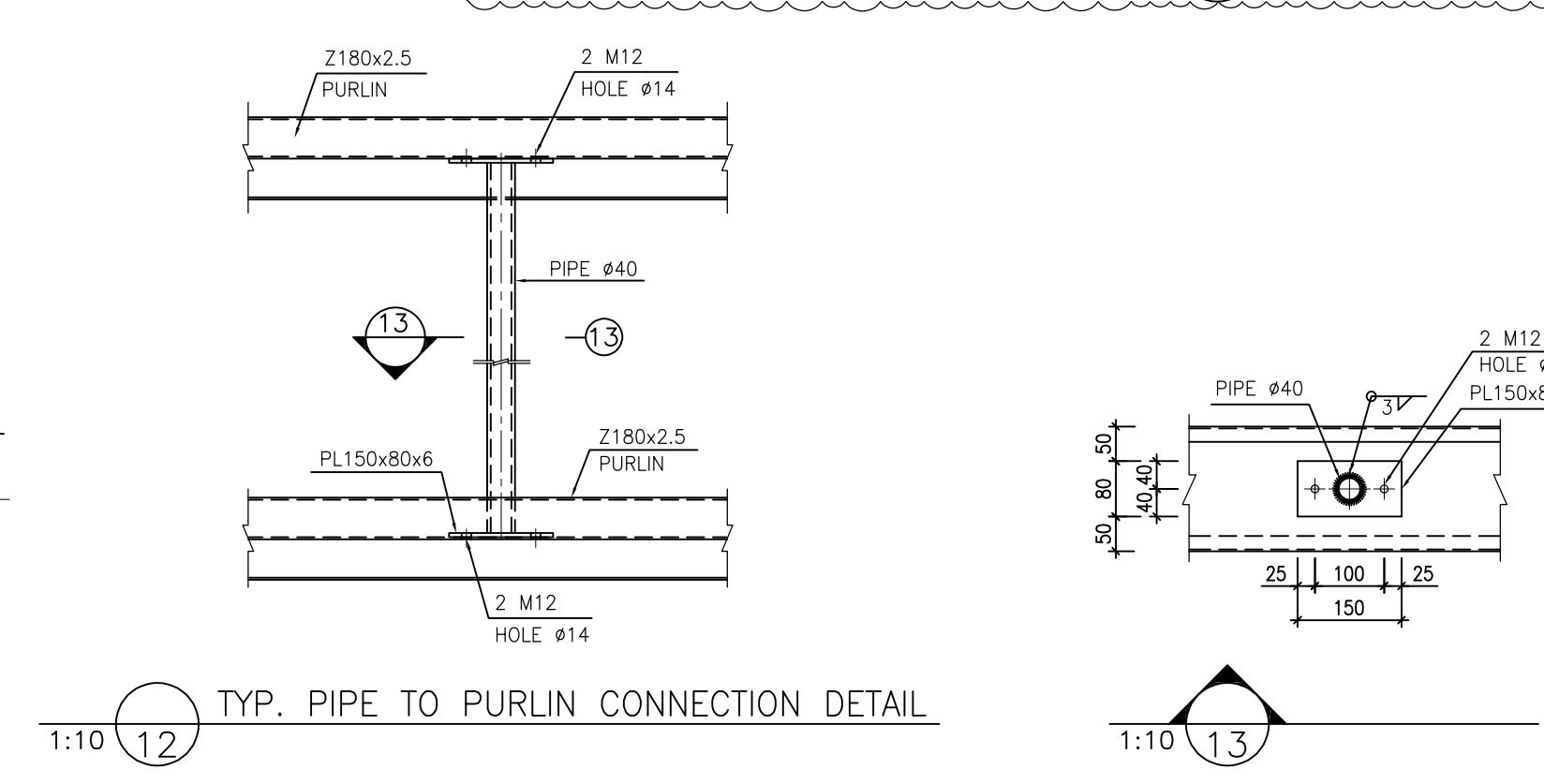
D02

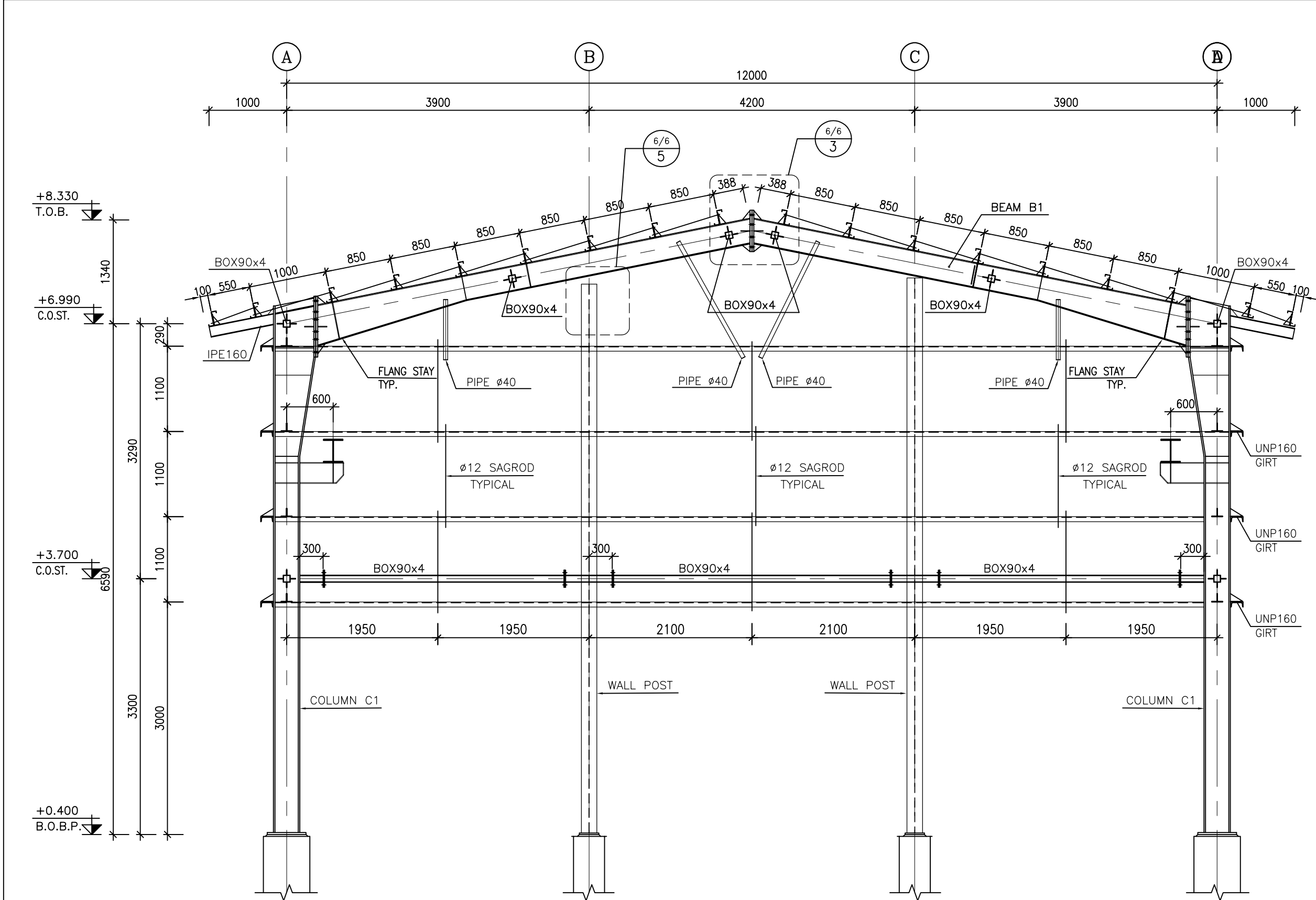
KEY PLAN



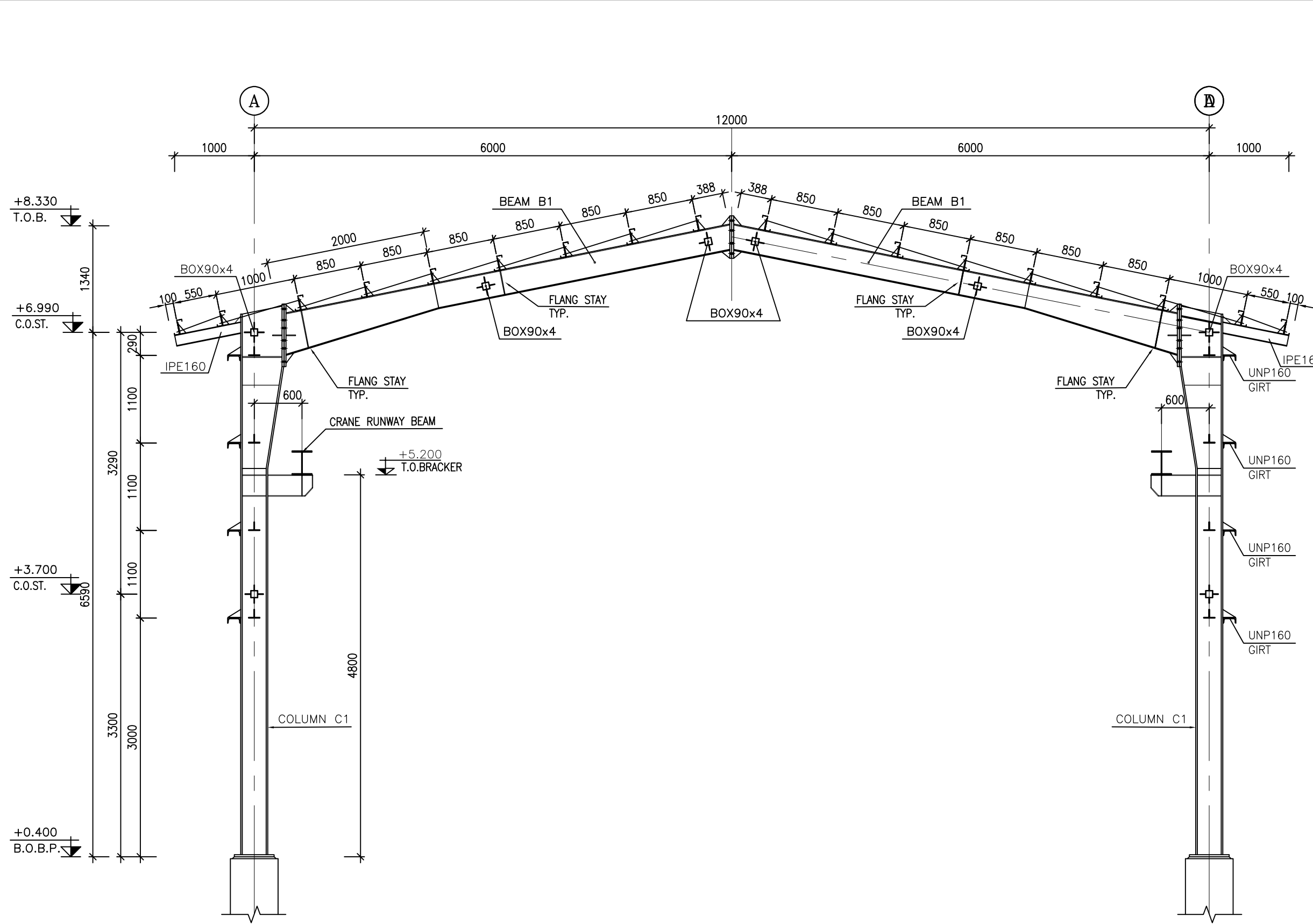
REV.	DESCRIPTION	BY	DATE	BY	DATE
D02	JAN.2024	APC	R.BERLOUË	M.FAKHARIAN	S.FARAMARZPOUR
D01	OCT.2023	IPA	R.BERLOUË	M.FAKHARIAN	S.FARAMARZPOUR
D00	JUL.2023	IFC	R.BERLOUË	M.FAKHARIAN	M.MEHRSHAD
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.
PROJECT NAME:	BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION				
PROJECT NO.:	971020				
EPC CONTRACTOR:	HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES				
EPD/EPC CONTRACTOR (GC):	PETROIRAN DEVELOPMENT COMPANY				
DRAWING TITLE:	STRUCTURAL DRAWING FOR UTILITY SHELTER				
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.
AS SHOWN	A1	BK-GCS-PEDCO-120-ST-DW-0008	01	D02	053-073-9184

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED	APPROVED FOR CONSTRUCTION	BY:	DATE:	
SHEET	REVISION	SHEET	REVISION	
01 OF 06	D02	01 OF 06	D02	

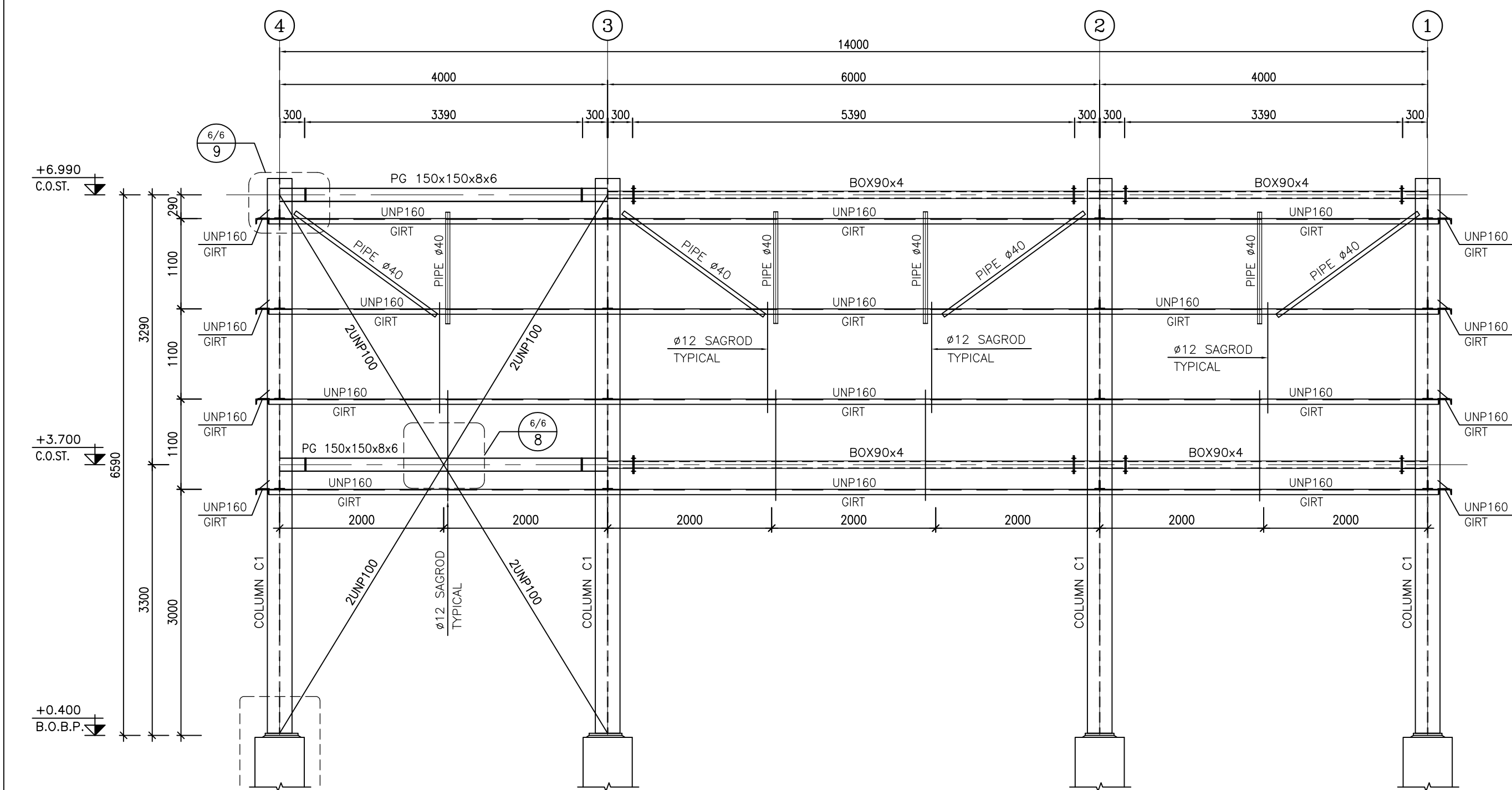
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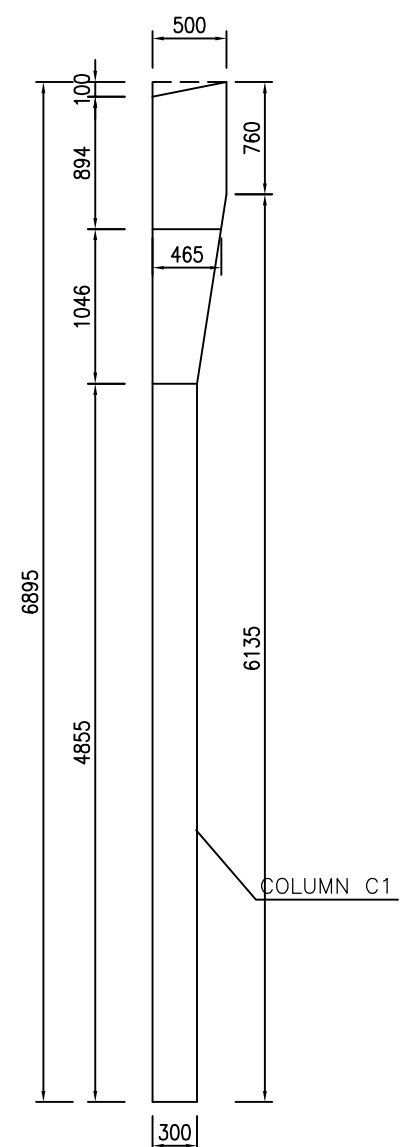
1:50 1 ELEVATION VIEW ON AXES "1&4"



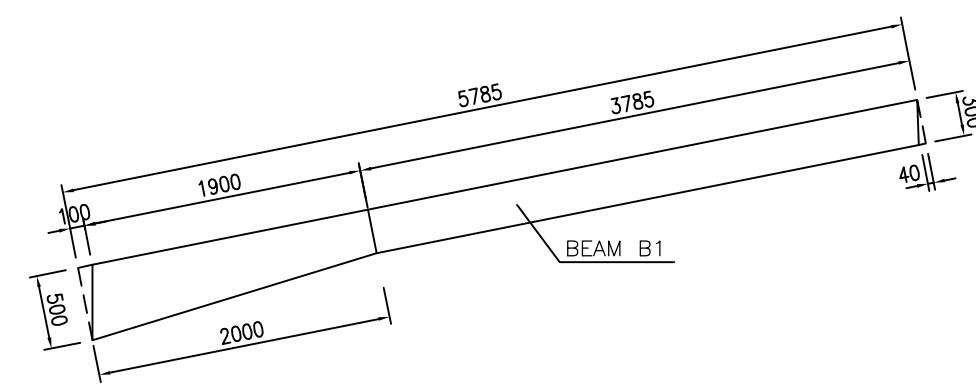
1:50 2 ELEVATION VIEW ON AXES "2&3"



1:50 3 ELEVATION VIEW ON AXES "A&D"



1:50 4 WEB OF COLUMN C1 DETAIL

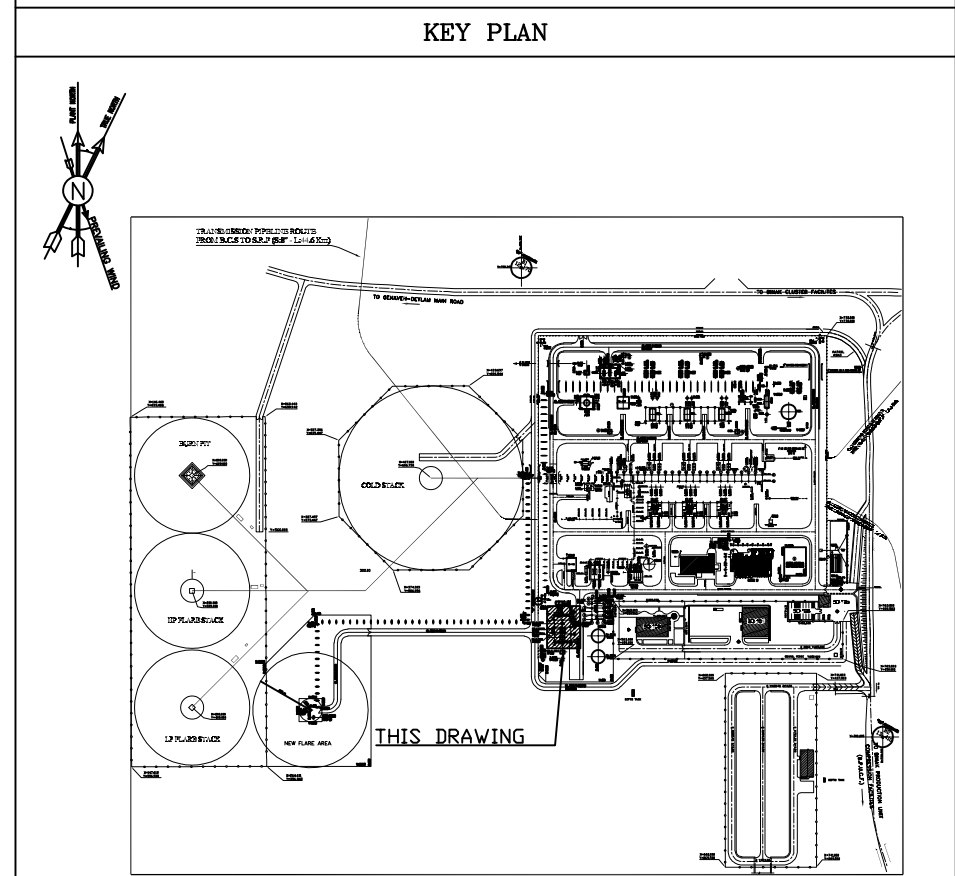


1:50 5 WEB OF BEAM B1 DETAIL

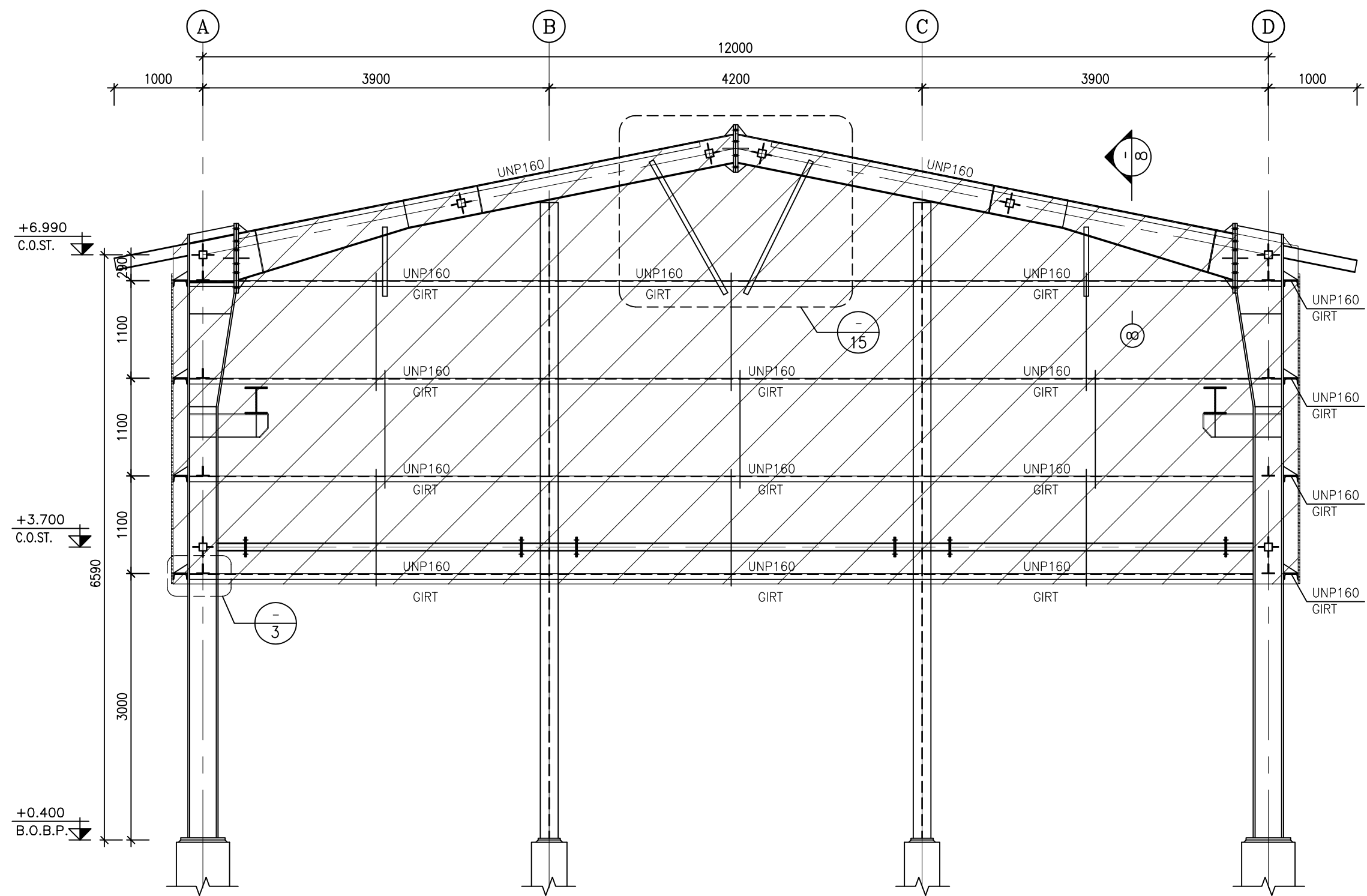
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C.O.ST. : CENTER OF STRUT	

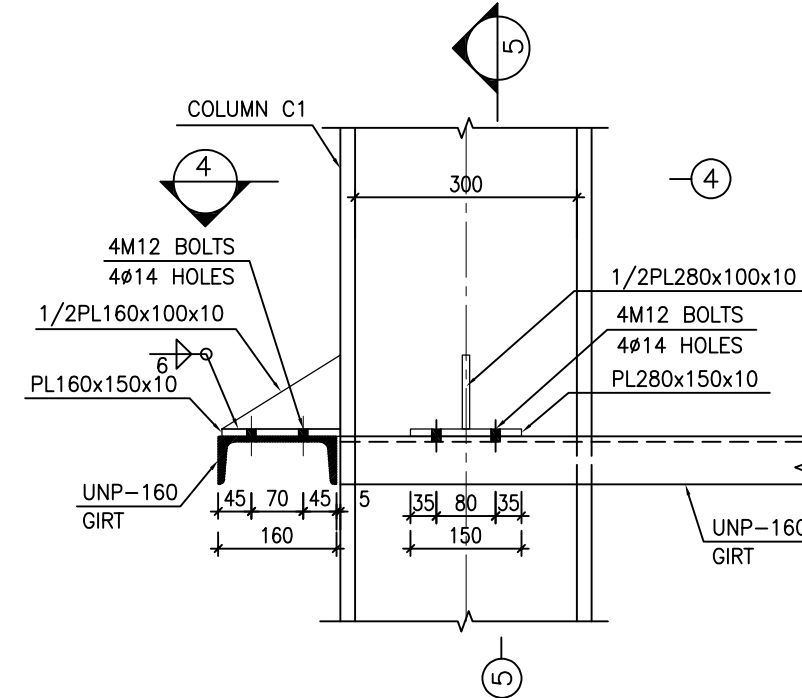
REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR UTILITY SHELTER	BK-GCS-PEDCO-120-AR-DW-0005
GENERAL NOTES-STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
TYPICAL DETAILS FOR ANCHOR BOLTS	BK-GNRL-PEDCO-000-ST-DW-0002
FOUNDATION DRAWING FOR UTILITY SHELTER	BK-GCS-PEDCO-120-ST-DW-0067
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
SPECIFICATION FOR ERECTION OF STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-SP-0005
SPECIFICATION FOR FABRICATION OF STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-SP-0003
SPECIFICATION FOR STEEL STRUCTURAL WORK	BK-GNRL-PEDCO-000-ST-SP-0008
GEOTECHNICAL INVESTIGATION REPORT FOR COMPRESSOR STATION	BK-GCS-PEDCO-120-GT-RT-0001
SPECIFICATION FOR GROUTING	BK-GNRL-PEDCO-000-ST-SP-0004
SPECIFICATION FOR PAINTING	BK-GNRL-PEDCO-000-PI-SP-0006
SPECIFICATION FOR FIREPROOFING	BK-GNRL-PEDCO-000-ST-SP-0006



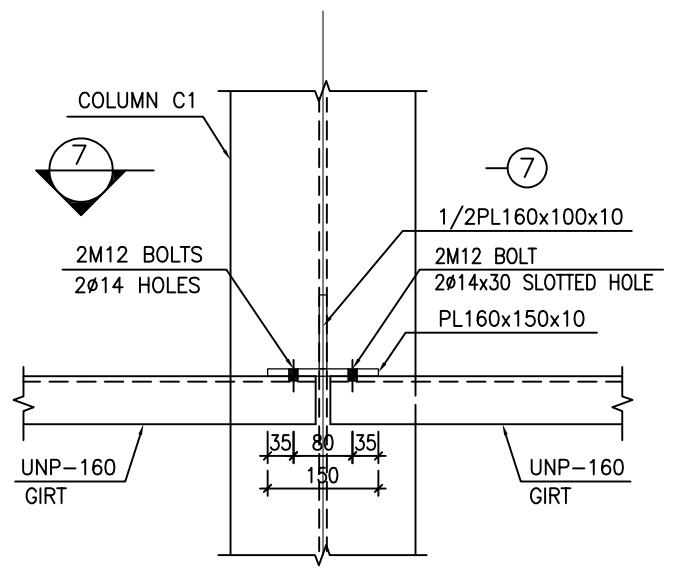
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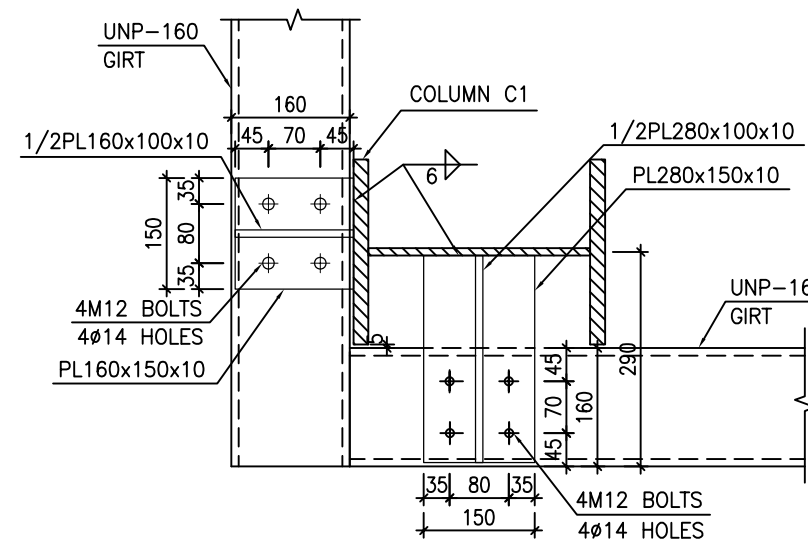
1:50 ELEVATION VIEW ON AXES "1&4"



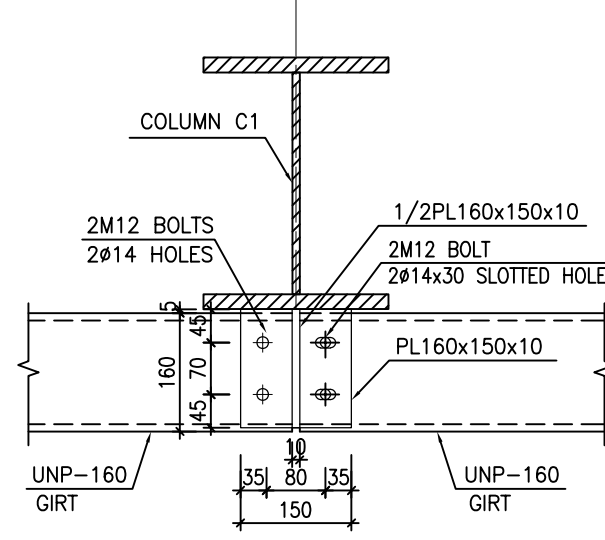
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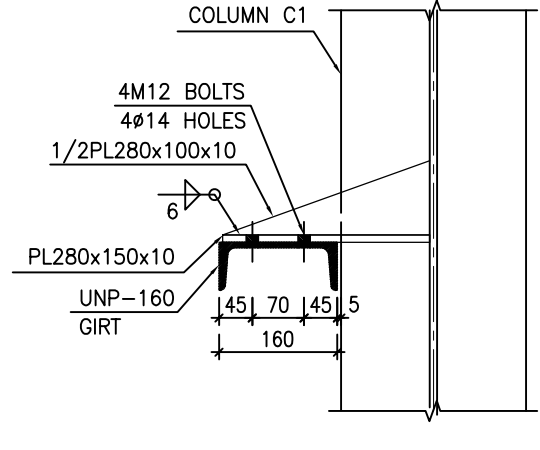
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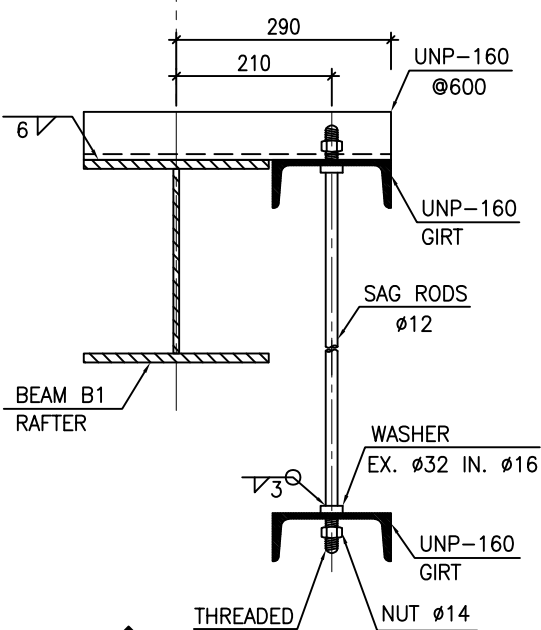
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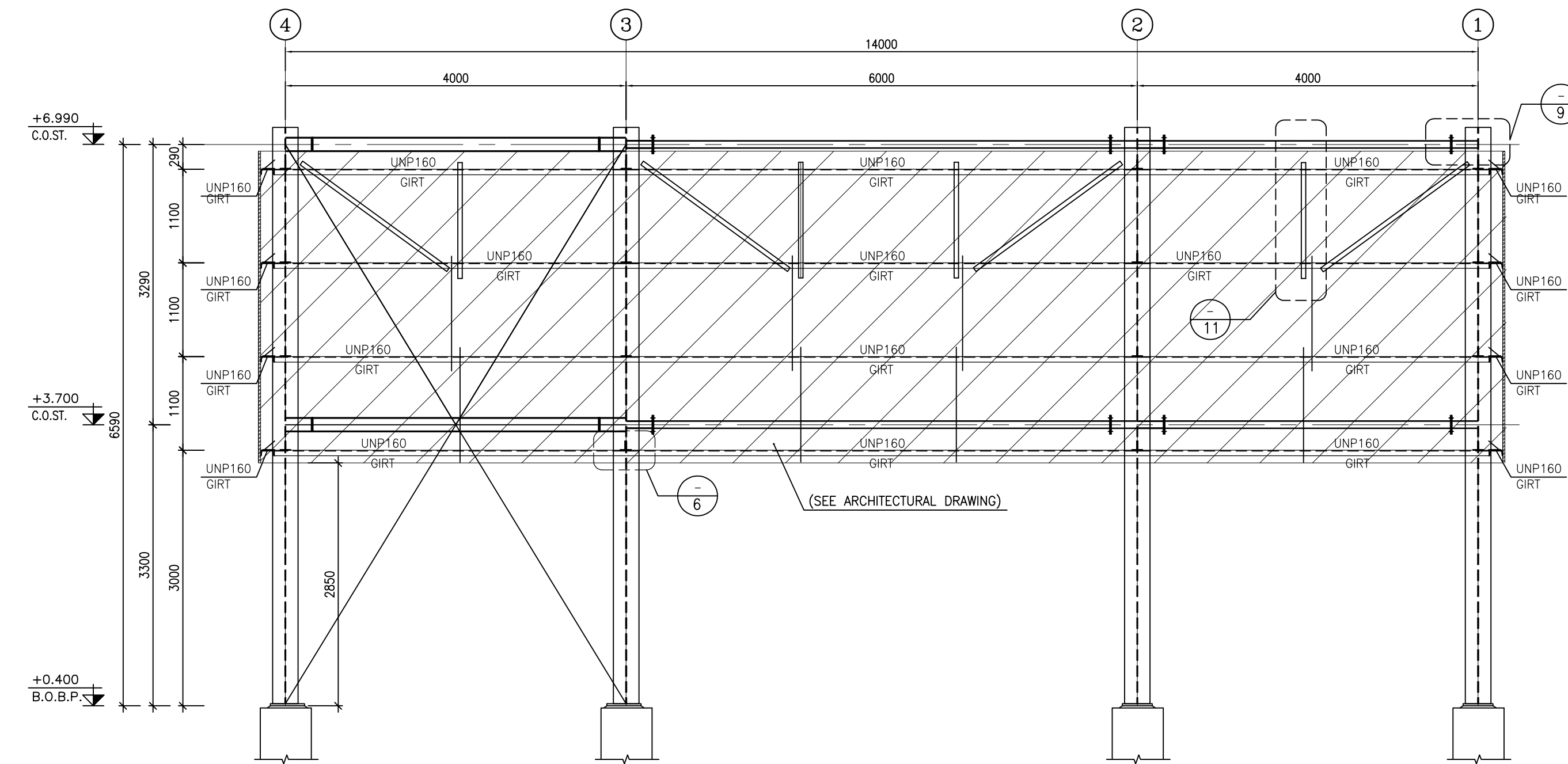
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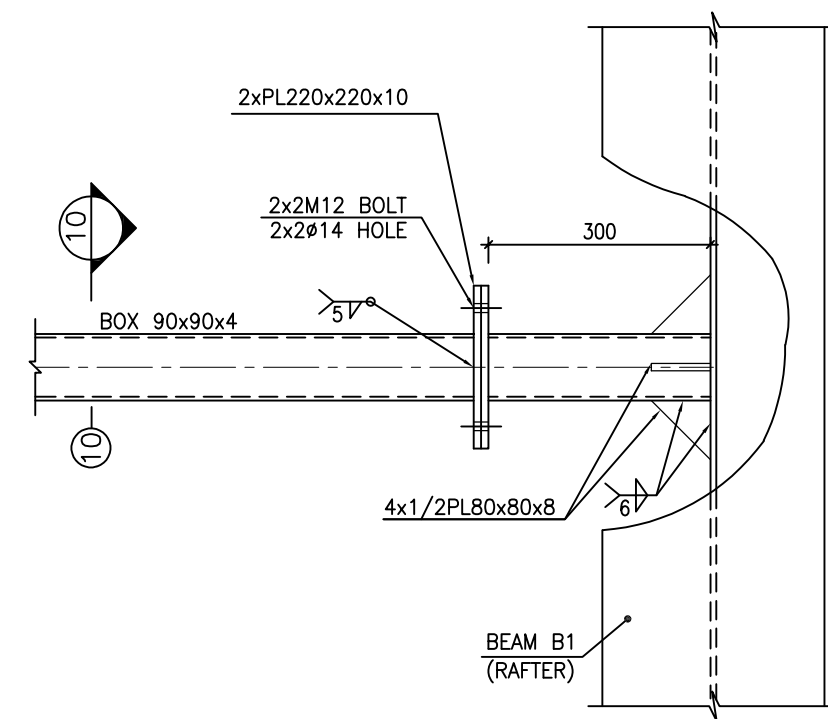
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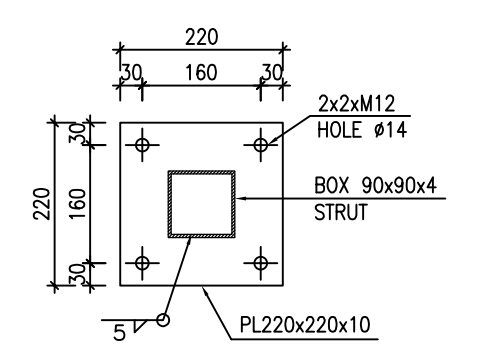
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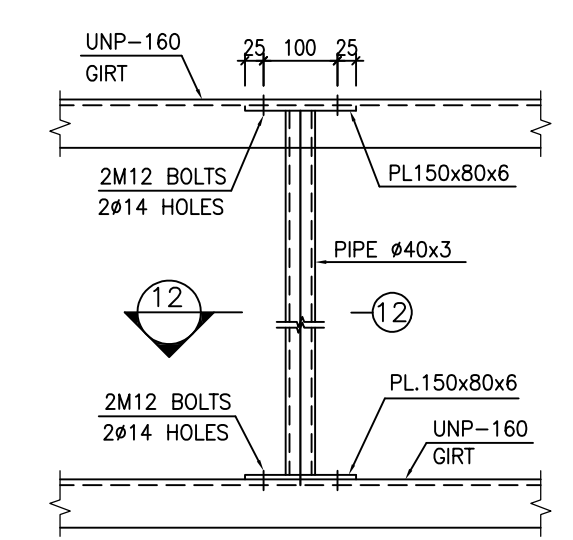
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1:10 9

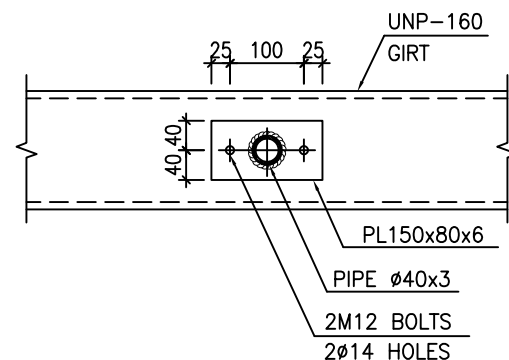


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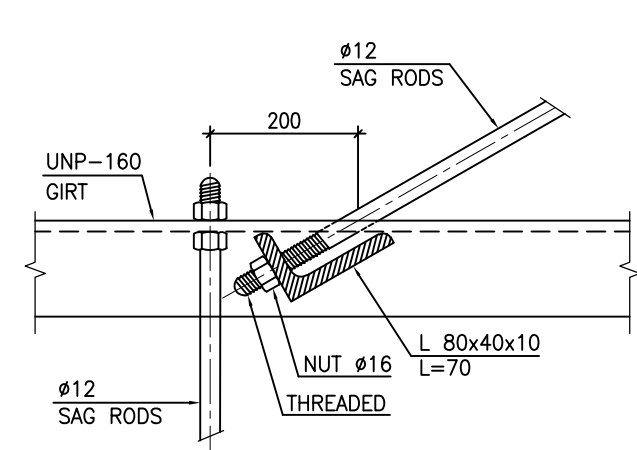


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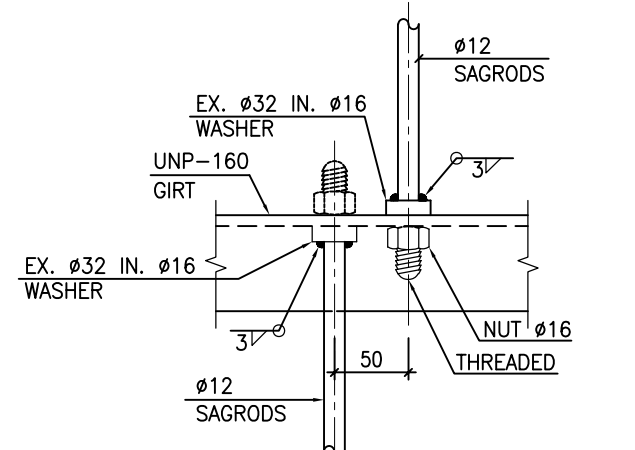
1:10 11 TYP. PIPE TO GIRT CONNECTION DETAIL



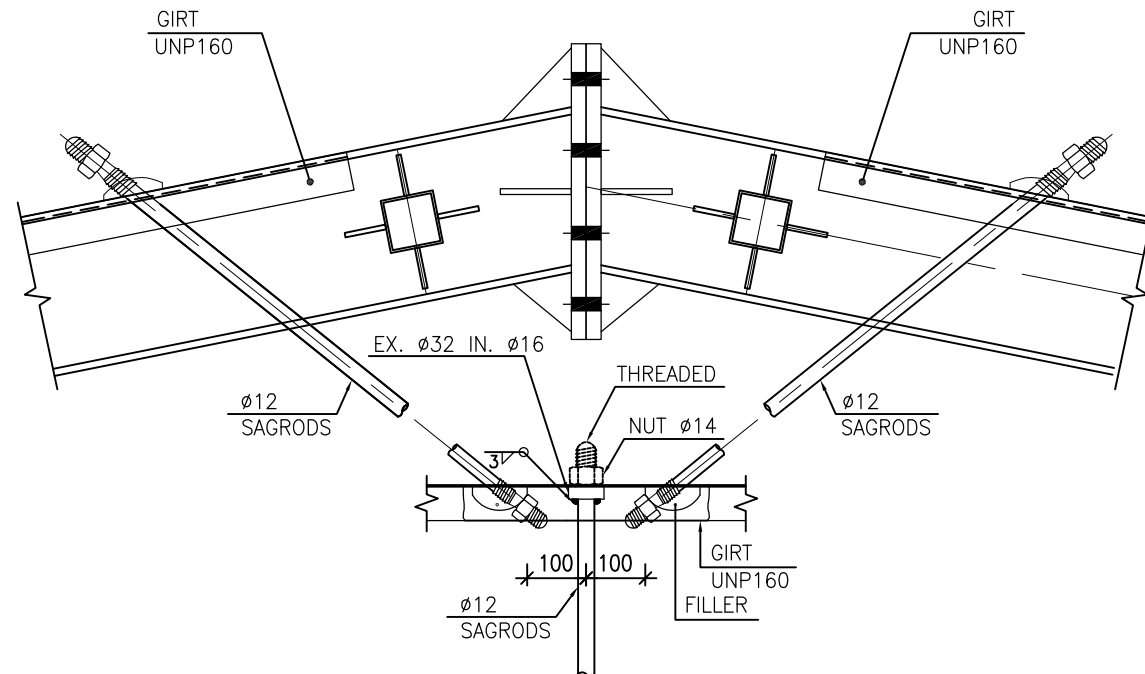
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N.T.S. 13 TYP. SAGROD IN GIRT



N.T.S. 14 TYP. SAGROD IN GIRT



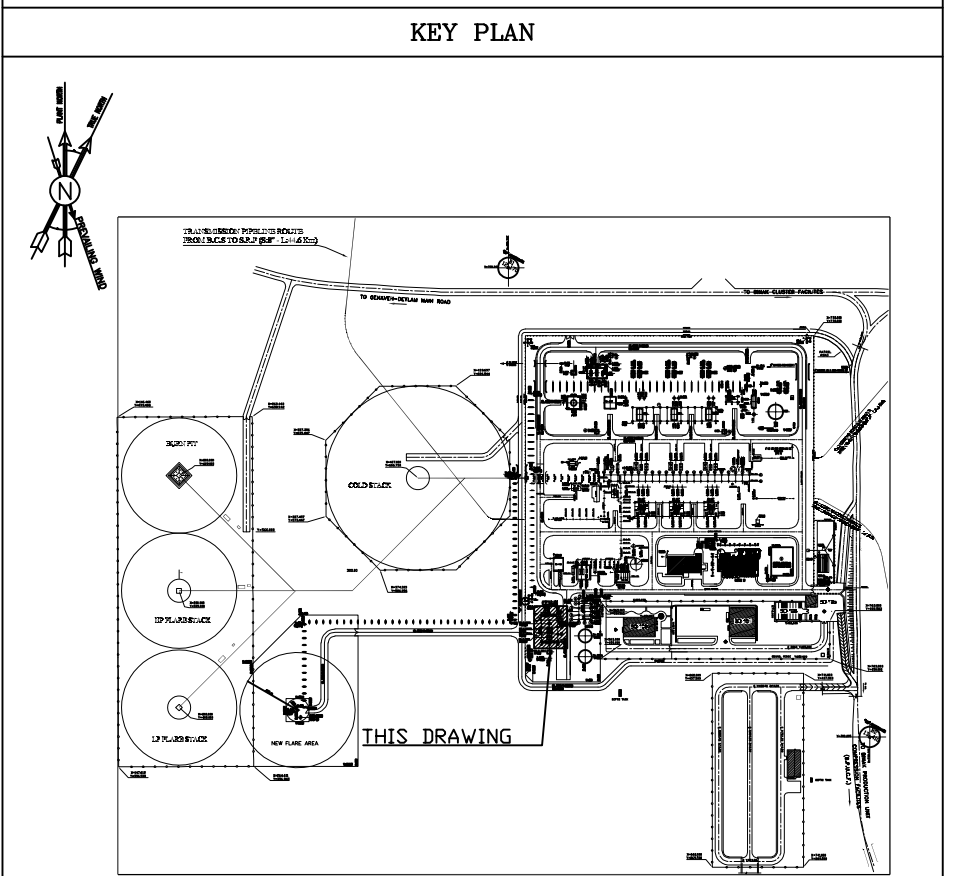
N.T.S. 15 TYP. SAGROD IN GIRT

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"BK-GNRL-PEDCO-000-ST-SP-0001" 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 MPa (ØN CYLINDRICAL SPECIMEN)
 - 4) ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001" 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ØN CYLINDRICAL SPECIMEN)
 - 5) STRUCTURAL STEEL SHAPE & PLATES SHALL CONFORM TO S235JR WITH MINIMUM YIELD STRESS OF Fy=2400 kg/cm.
 - 6) ALL BOLTS ARE HIGH STRENGTH BOLTS GRADE 8.8 WITH MINIMUM TENSILE STRENGTH OF Fu=800 MPa.
 - 7) ANCHOR BOLTS SHALL BE ASTM A307 GRADE C.
 - 8) ALL WELDING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF STRUCTURAL WELDING CODE, AWS D1.1/D1.1M.
 - 9) TYPE OF WELDING ELECTRODE SHALL BE E70 AND IN ACCORDANCE WITH SPECIFICATION FOR STRUCTURAL STEEL FABRICATION AND ERECTION.
 - 10) FLANGES SHOULD BE CONTINUOUSLY WELDED TO THE WEB.

LEGEND

F.G.L. : FINISH GROUND LEVEL	REINFORCED CONCRETE
T.O.G. : TOP OF GROUT	LEAN CONCRETE
T.O.F. : TOP OF FOUNDATION	GROUND
B.O.B. : BOTTOM OF BASEPLATE	
T.O.B. : TOP OF BEAM	
T.O.TE : TOP OF TIE BEAM	
T.O.PED. : TOP OF PEDESTAL	
C.O.ST. : CENTER OF STRUT	

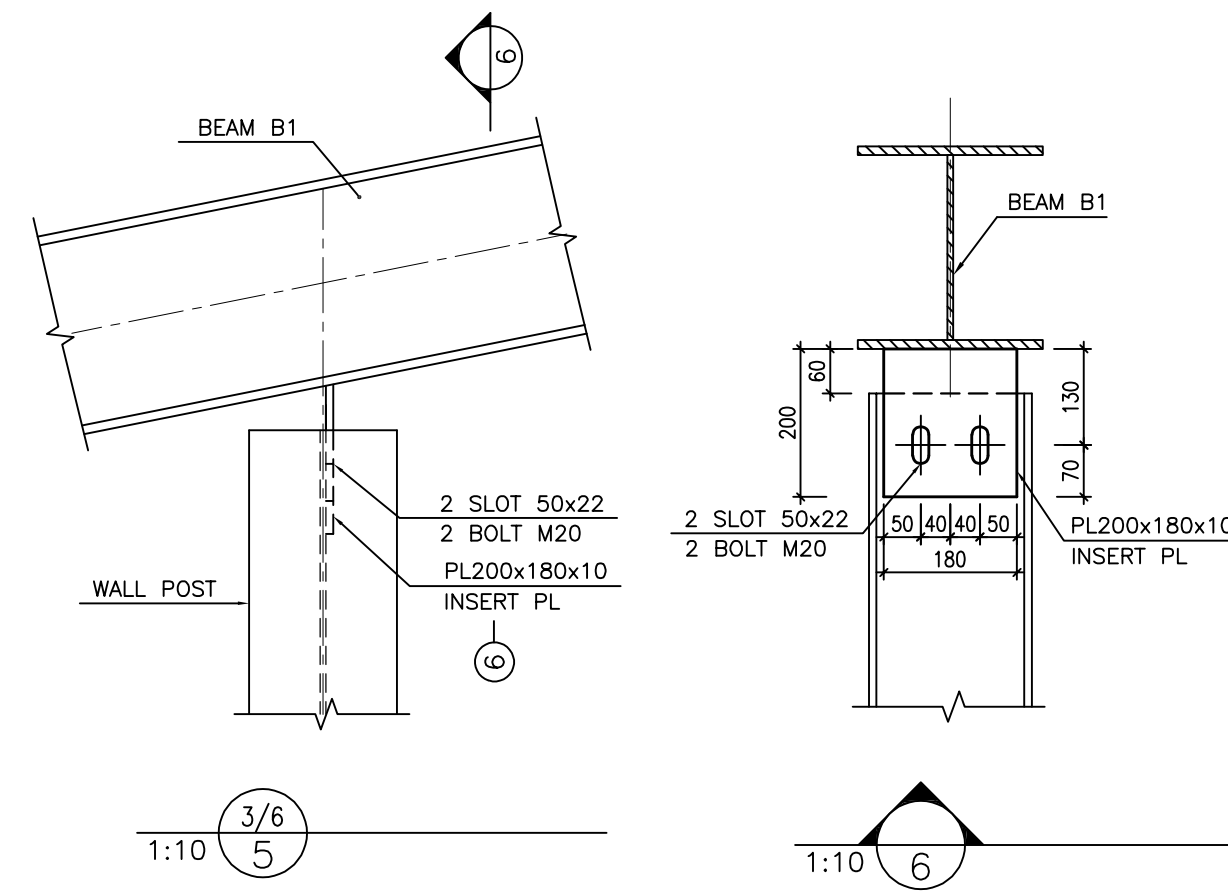
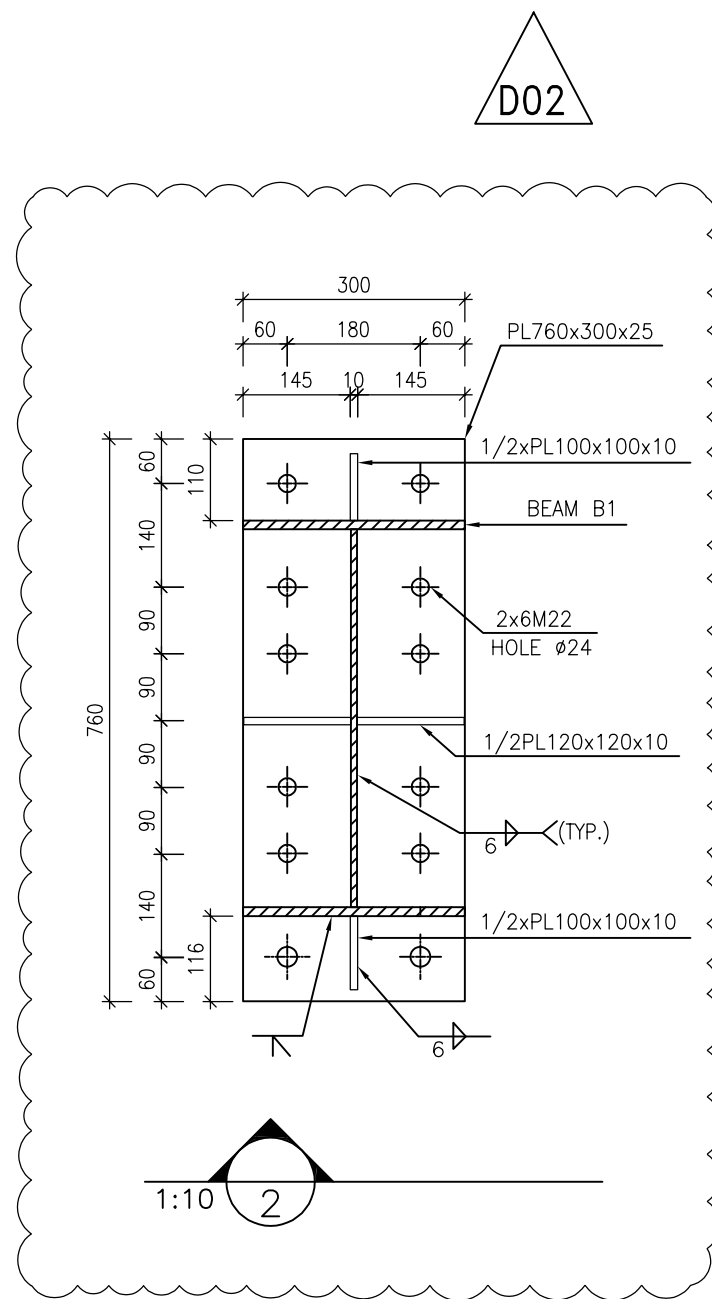
REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR UTILITY SHELTER	BK-GCS-PEDCO-120-AR-DW-0005
GENERAL NOTES-STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
TYPICAL DETAILS FOR ANCHOR BOLTS	BK-GNRL-PEDCO-000-ST-DW-0002
FOUNDATION DRAWING FOR UTILITY SHELTER	BK-GCS-PEDCO-120-ST-DW-0067
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
SPECIFICATION FOR ERECTION OF STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-SP-0005
SPECIFICATION FOR FABRICATION OF STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-SP-0003
SPECIFICATION FOR STEEL STRUCTURAL WORK	BK-GNRL-PEDCO-000-ST-SP-0008
GEOTECHNICAL INVESTIGATION REPORT FOR COMPRESSOR STATION	BK-GCS-PEDCO-120-GT-RT-0001
SPECIFICATION FOR GROUTING	BK-GNRL-PEDCO-000-ST-SP-0004
SPECIFICATION FOR PAINTING	BK-GNRL-PEDCO-000-ST-SP-0006
SPECIFICATION FOR FIREPROOFING	BK-GNRL-PEDCO-000-ST-SP-0006



DO2	JAN.2024	APC	R.BERLOUIE	M.FAKHARIAN	S.PARAMARZPOUR	***	
DO1	OCT.2023	IPA	R.BERLOUIE	M.FAKHARIAN	S.PARAMARZPOUR	***	
DO0	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***	
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	
PROJECT NAME: <i>BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION</i>							
PROJECT NO.: 971020							
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):				
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY				
DRAWING TITLE: <i>STRUCTURAL DRAWING FOR UTILITY SHELTER</i>							
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV	
AS SHOWN	A1	BK-GCS-PEDCO-120-ST-DW-0068			04	DO2	

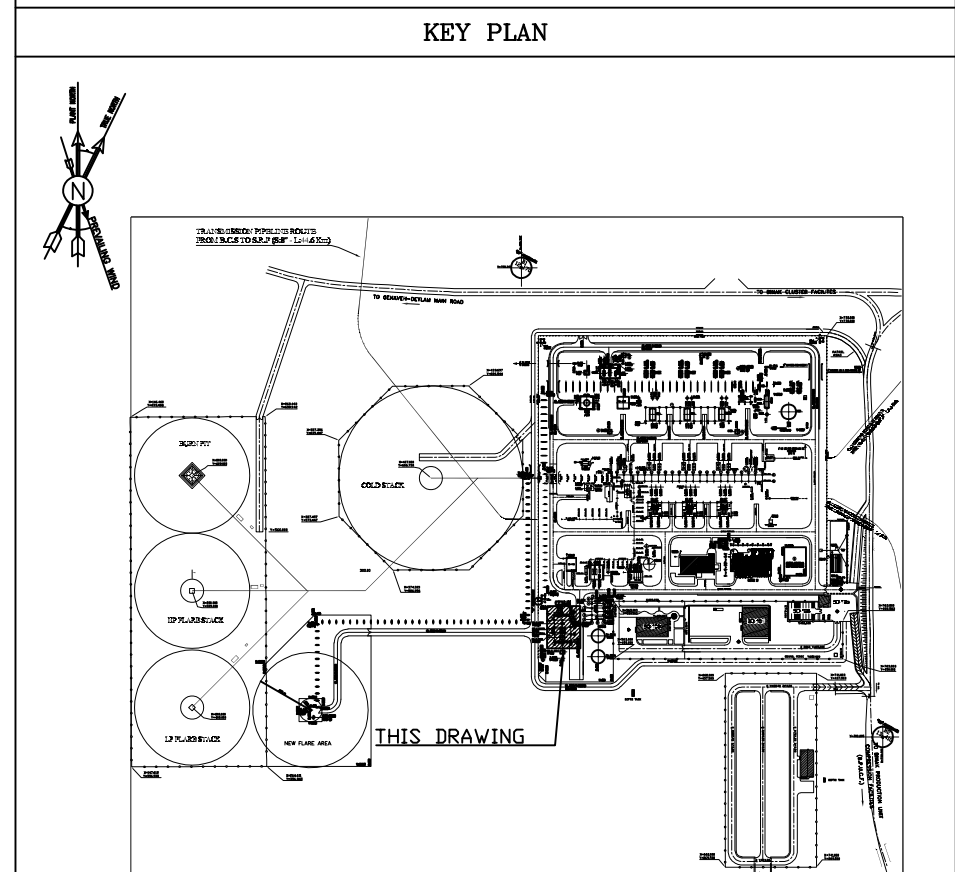
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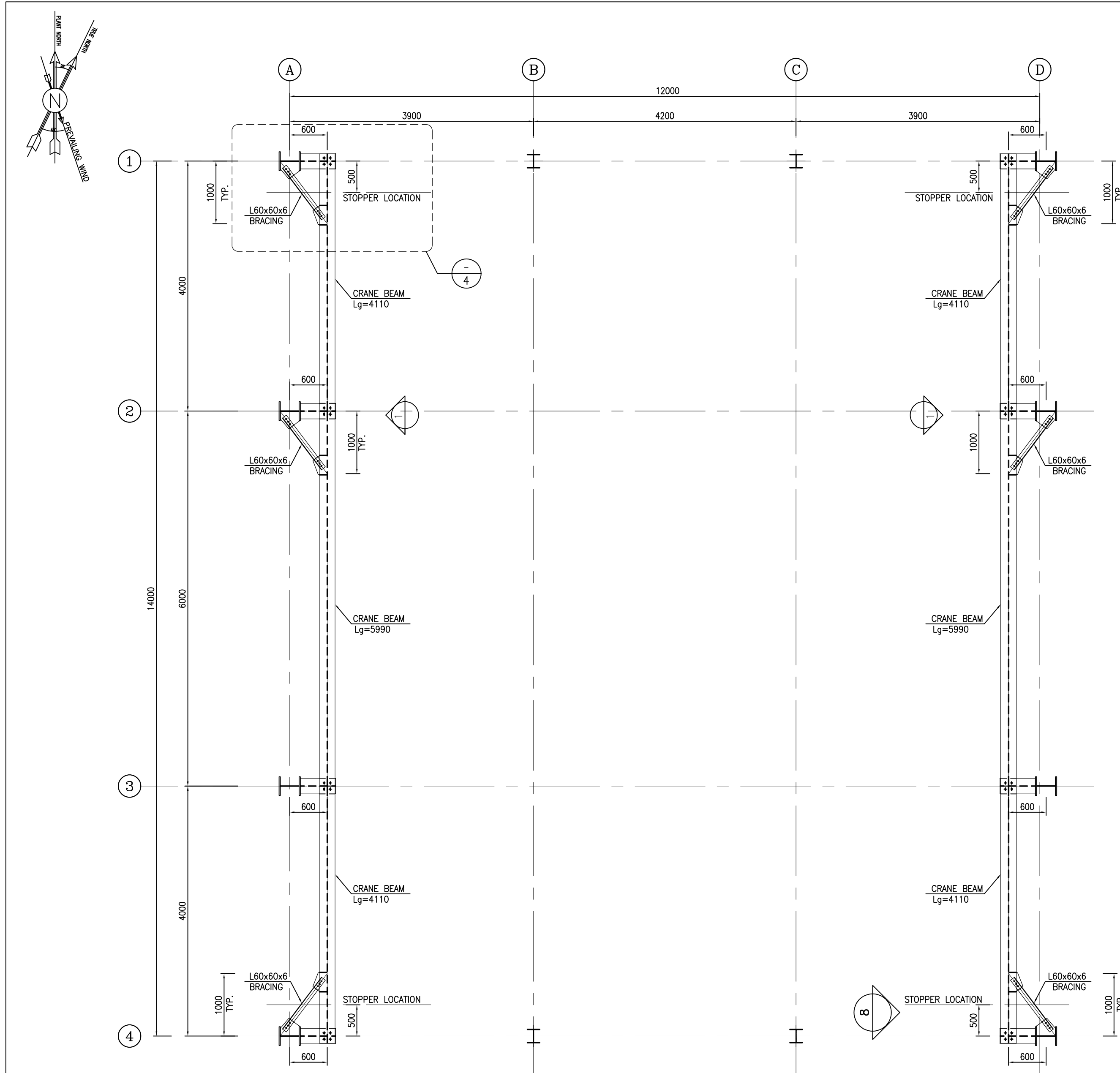
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED				
APPROVED FOR CONSTRUCTION		BY:	DATE:	



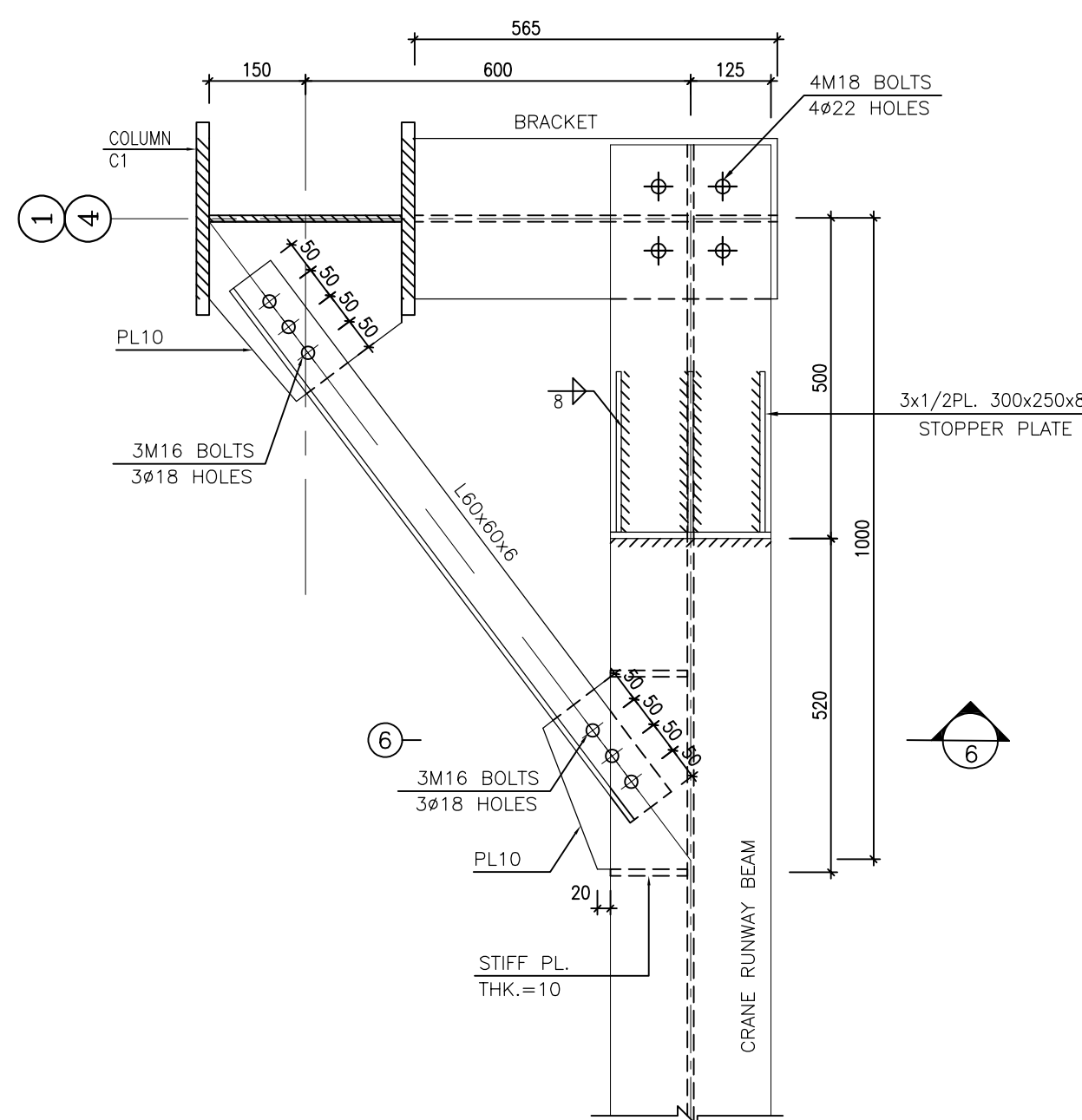
LEGEND			
F.G.L.	: FINISH GROUND LEVEL		REINFORCED CONCRETE
T.O.G.	: TOP OF GROUT		LEAN CONCRETE
T.O.F.	: TOP OF FOUNDATION		
B.O.B.	: BOTTOM OF BASEPLATE		GROUND
T.O.B.	: TOP OF BEAM		
T.O.TIE	: TOP OF TIE BEAM		
T.O.PED.	: TOP OF PEDESTAL		
C.O.ST.	: CENTER OF STRUT		

REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR UTILITY SHELTER	BK-GCS-PEDCO-120-AR-DW-0005
GENERAL NOTES-STEEL STRUCTURES	BK-GNPRAL-PEDCO-000-ST-DW-0011
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FOUNDATION DRAWING FOR UTILITY SHELTER	BK-GCS-PEDCO-120-AR-DW-0067
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-GNPRAL-PEDCO-000-ST-DW-0012
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SPECIFICATION FOR PAINTING	BK-GNPRAL-PEDCO-000-PI-SP-0006
SPECIFICATION FOR FIREPROOFING	BK-GNPRAL-PEDCO-000-ST-SP-0006

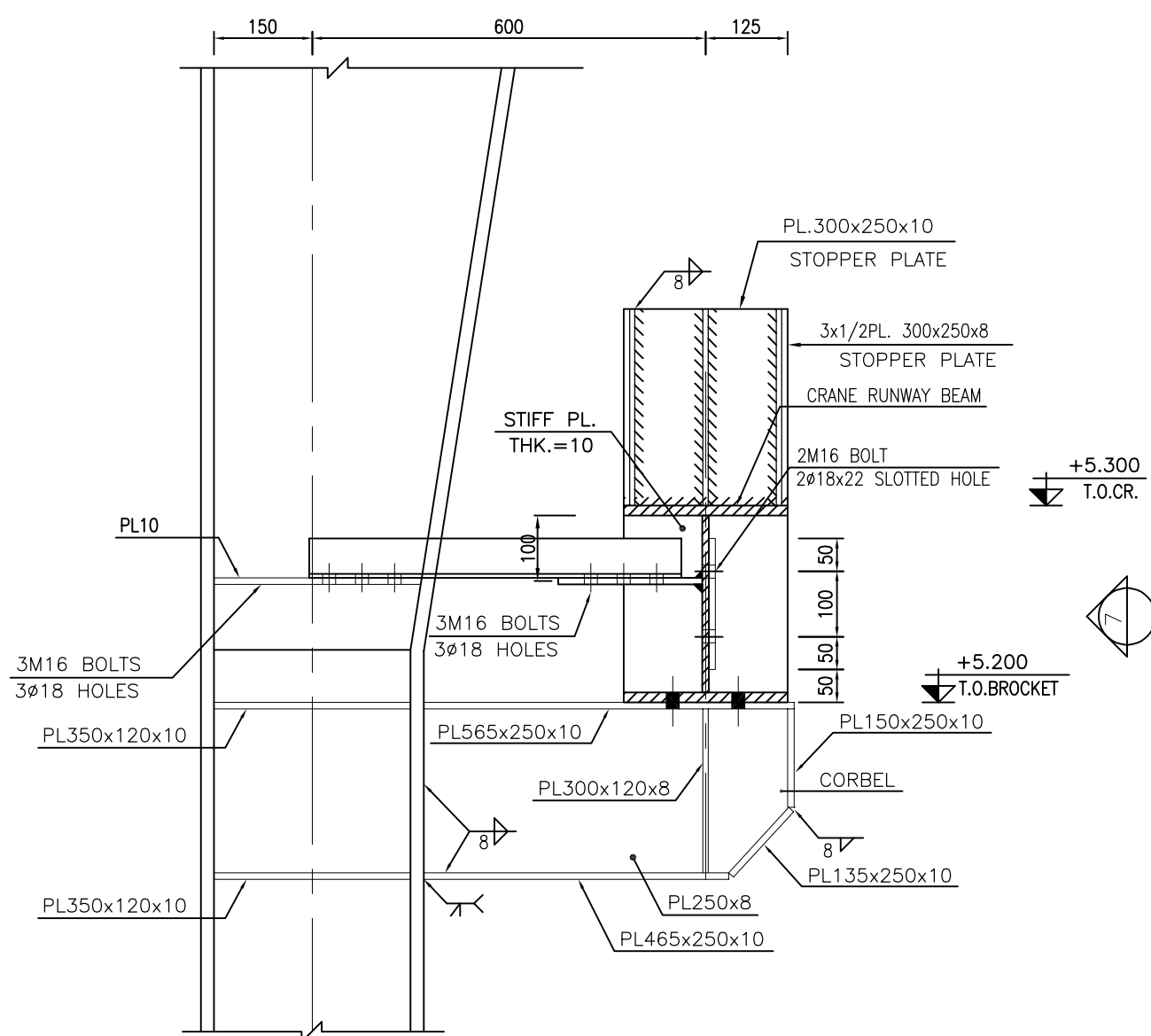
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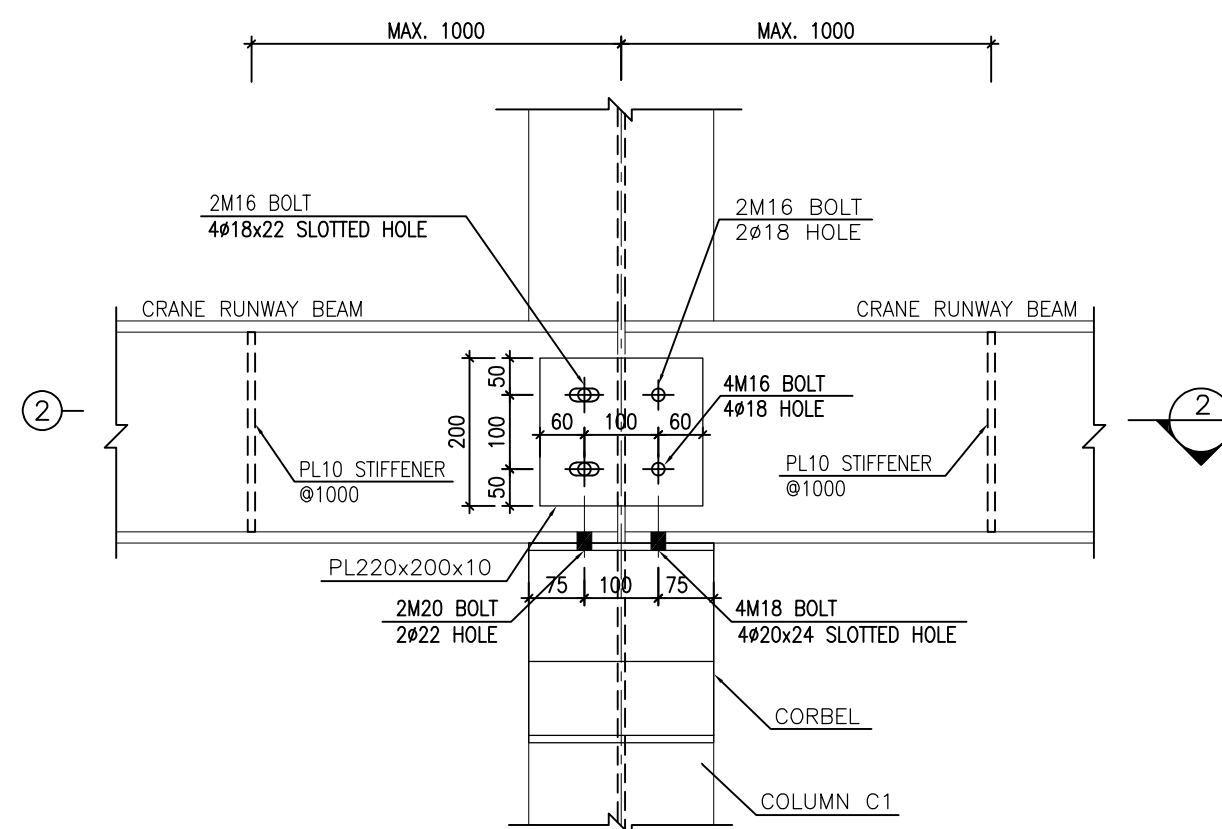
1:50 1 RUNWAY BEAM LAYOUT PLAN



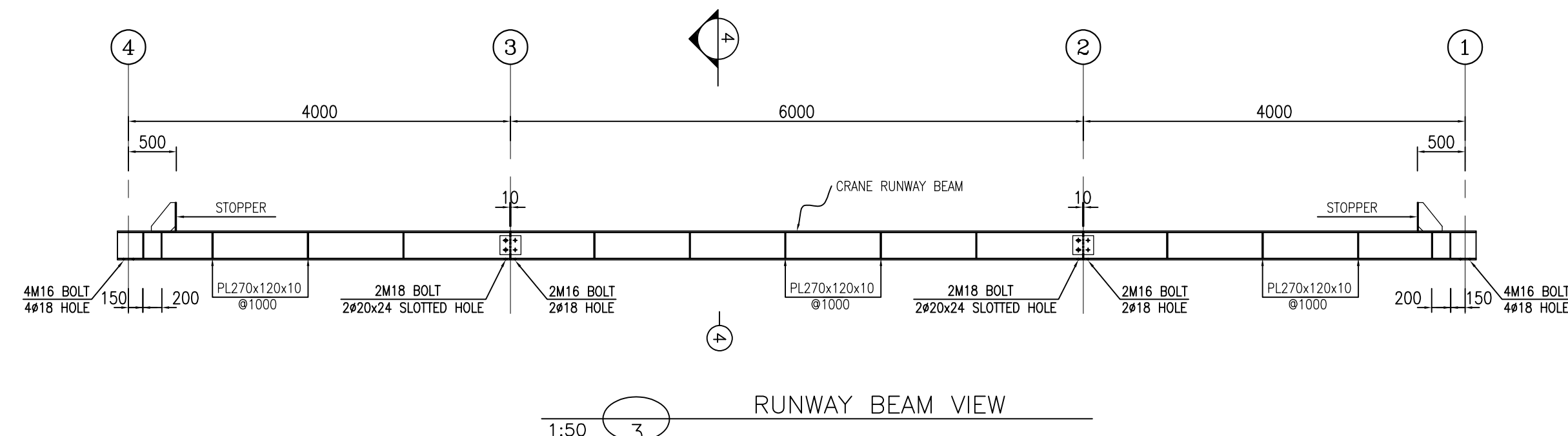
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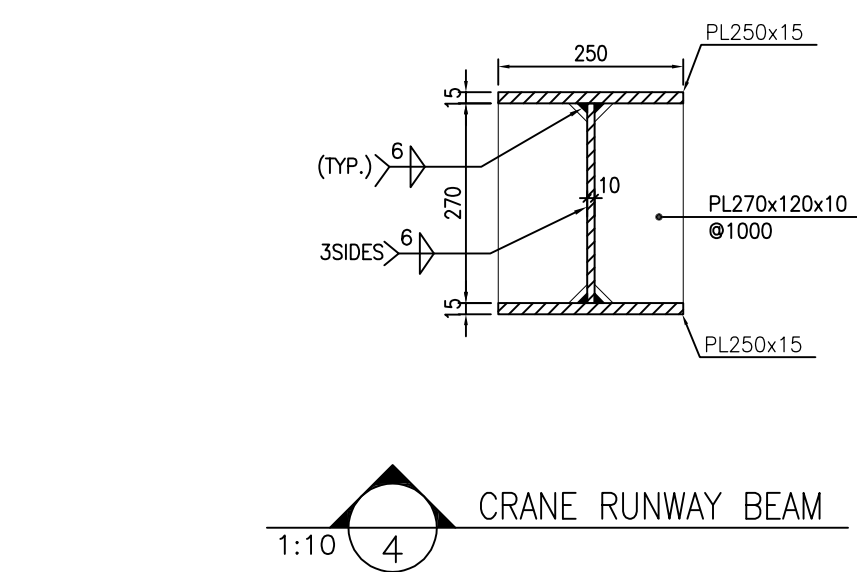
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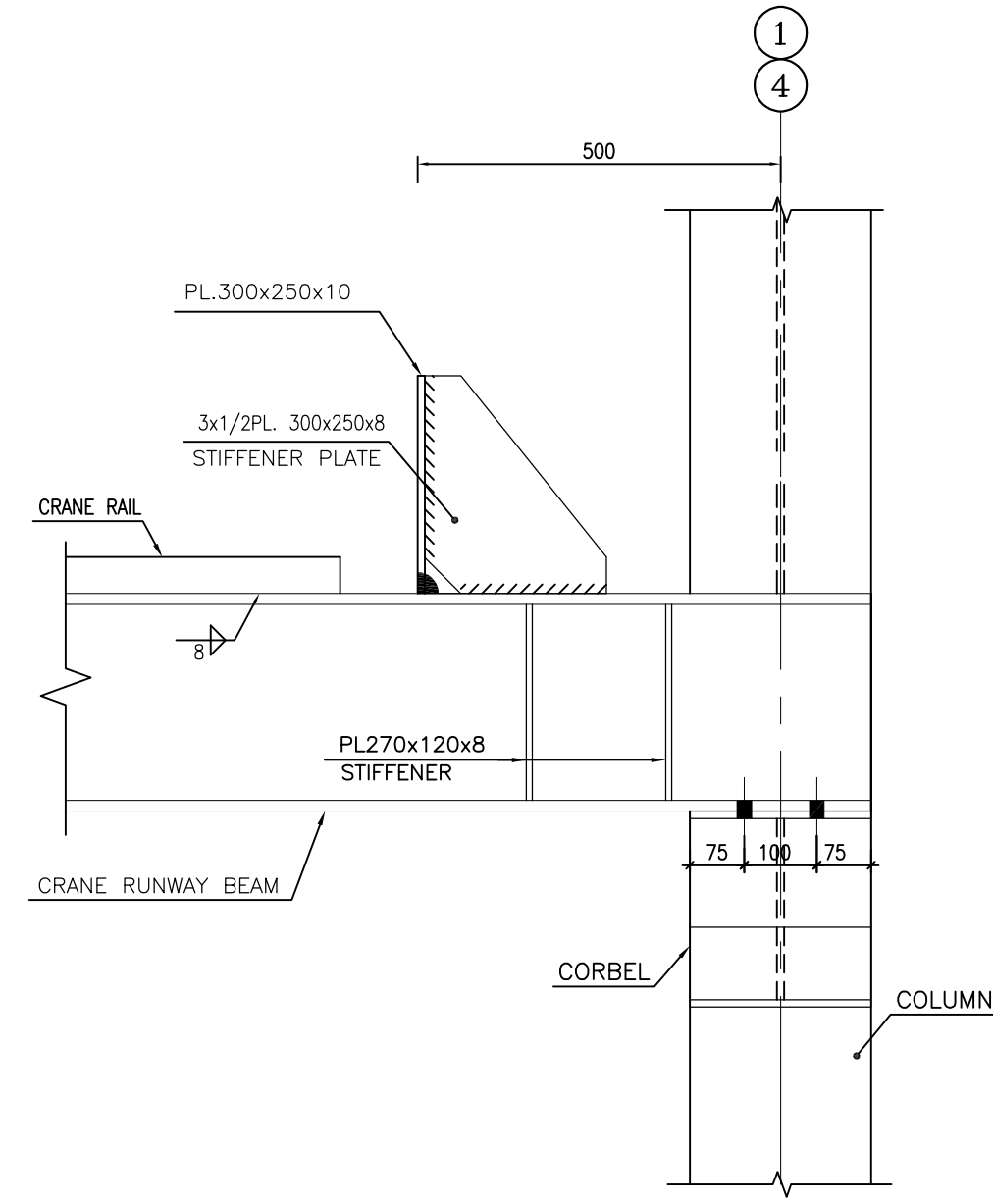
1:50 2



1:50 3 RUNWAY BEAM VIEW



1:10 4 CRANE RUNWAY BEAM

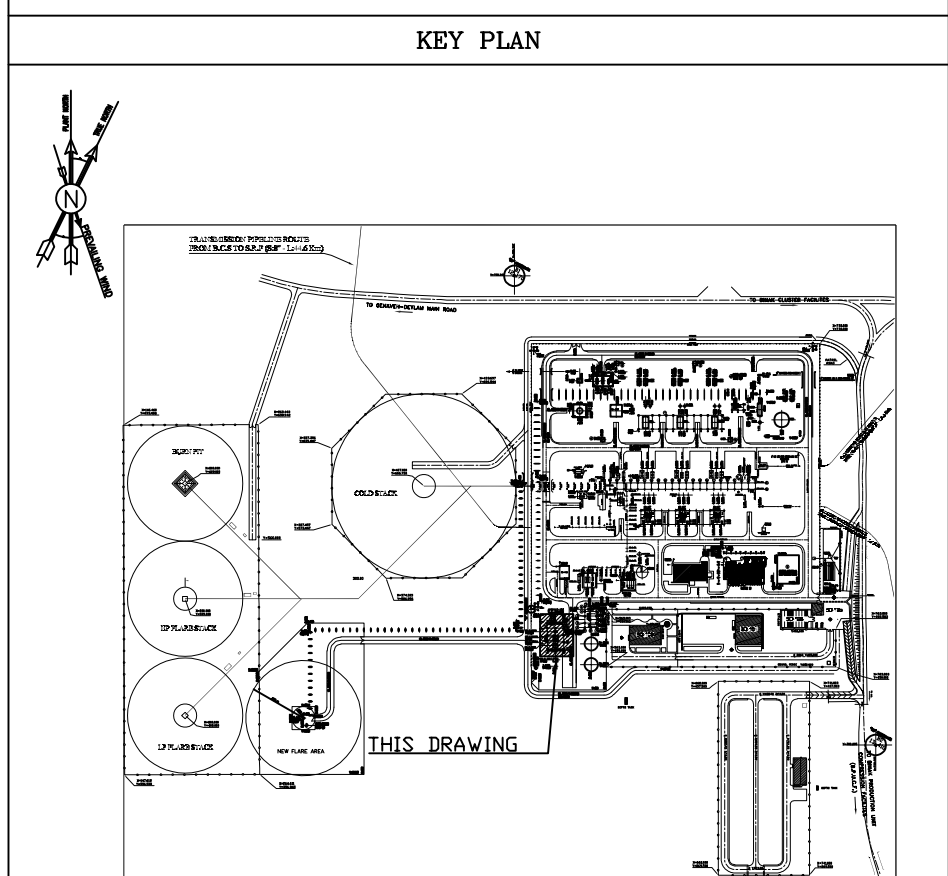


1:10 7

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DO2	JAN.2024	APC	R.BERLOUJE	M.FAKHARIAN	S.PARAMARZPOUR	** **	***	*****	** **	*** ****	** **	*** ****	
DO1	OCT.2023	IFA	R.BERLOUJE	M.FAKHARIAN	S.PARAMARZPOUR	** **	REV.	DESCRIPTION	BY	DATE	BY	DATE	
DO0	JUL.2023	IFC	R.BERLOUJE	M.FAKHARIAN	M.MEHRSHAD	** **			CHECKED		REV. APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	احمل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.						
PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION					THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS						
PROJECT NO.:		971020											
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION							
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES						 PETROIRAN DEVELOPMENT COMPANY							
						DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.			
DRAWING TITLE:			STRUCTURAL DRAWING FOR UTILITY SHELTER					NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
						APPROVED FOR CONSTRUCTION		BY:		DATE:			
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-GCS-PEDCO-120-ST-DW-0068			06	DO2	053-073-9184	F	4	M	709205	06 OF 06	DO2