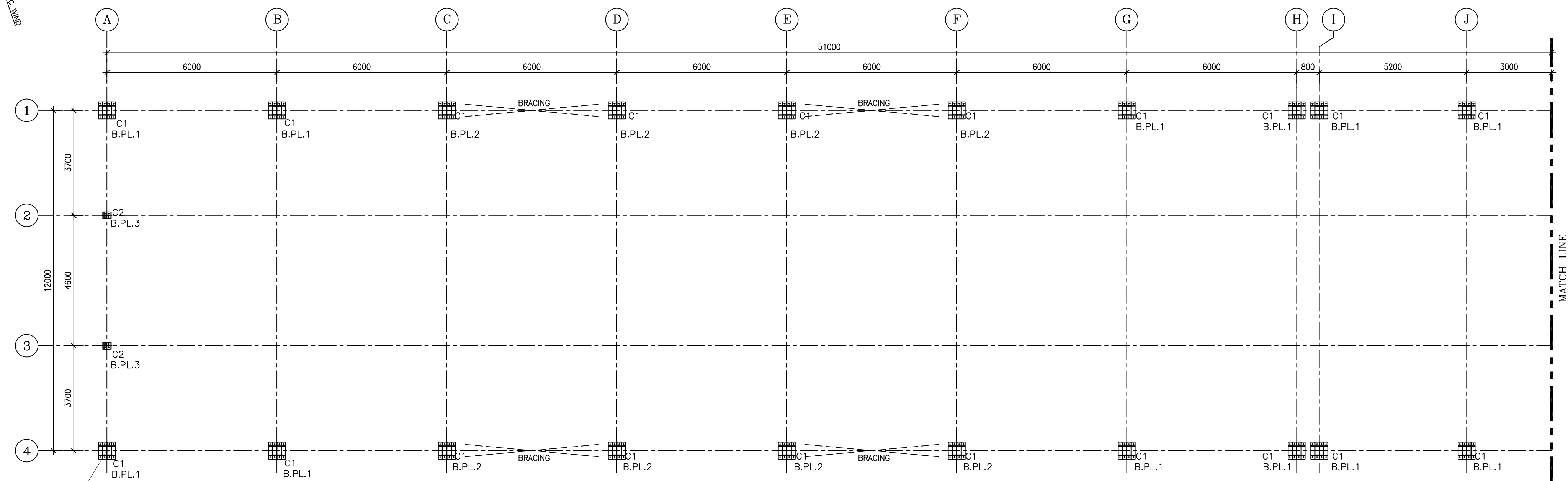
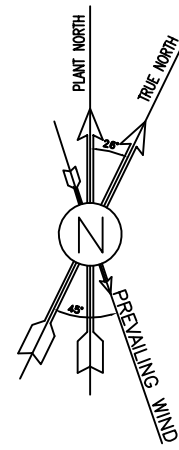
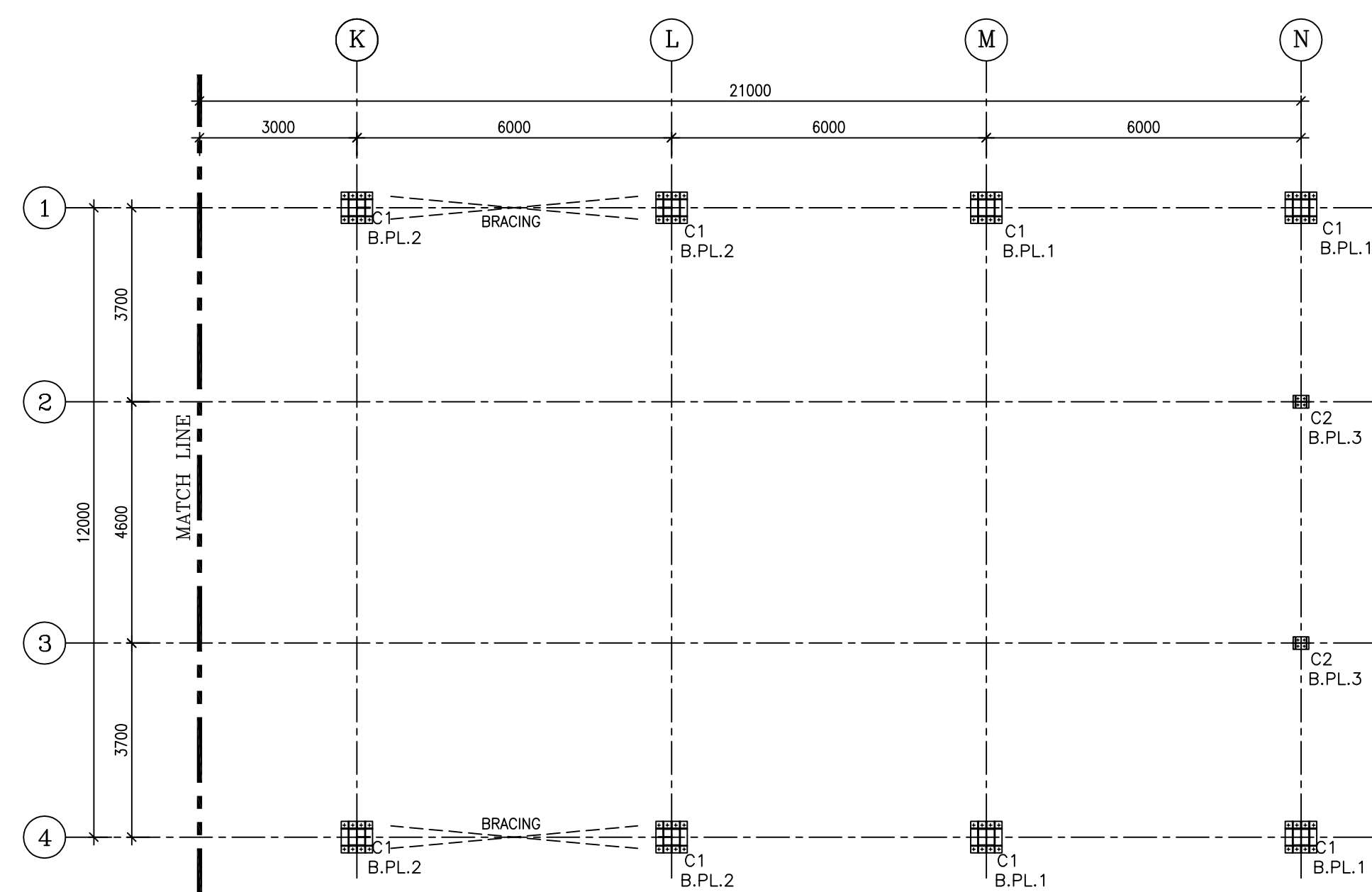
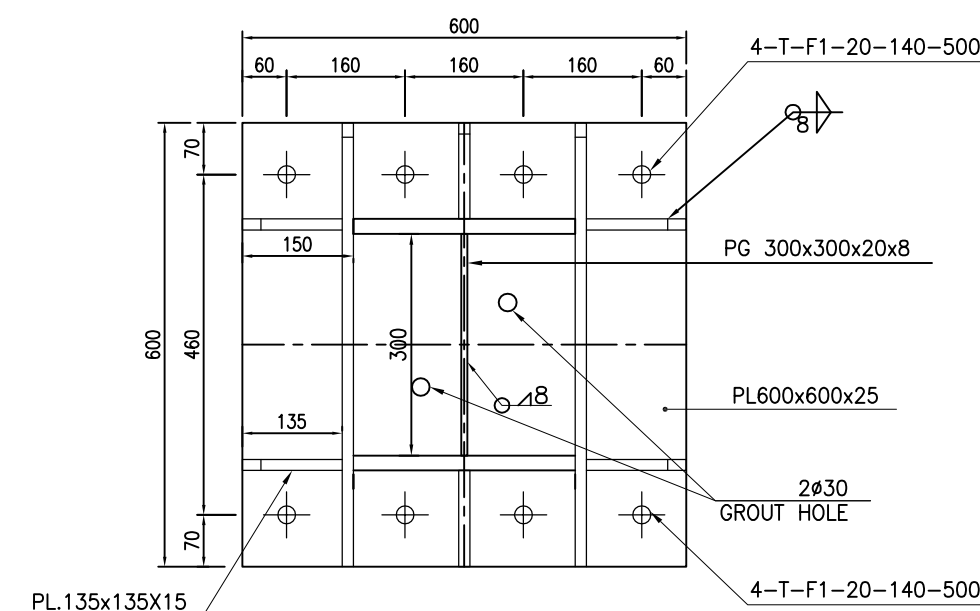




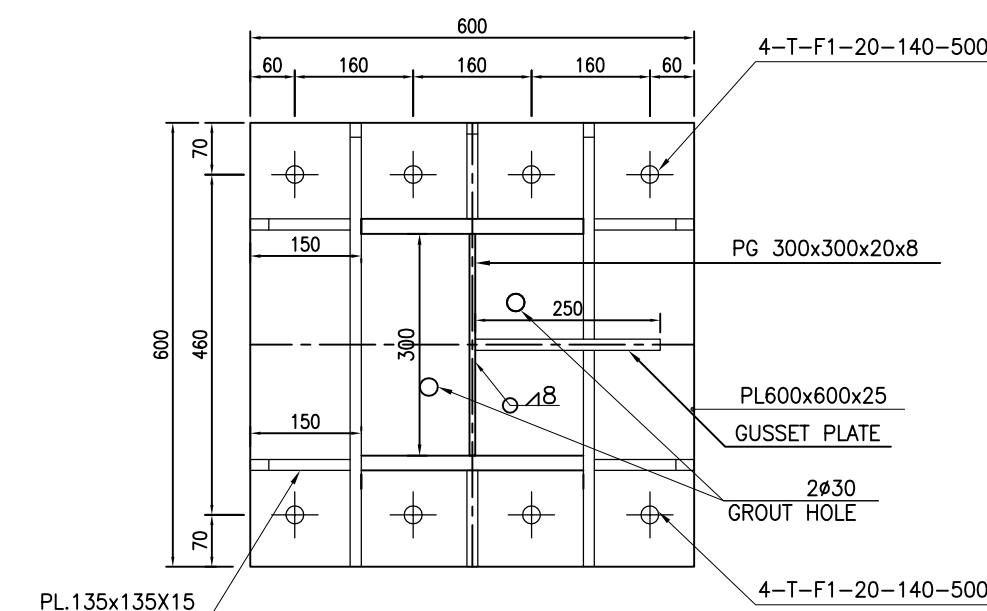
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N=656.000



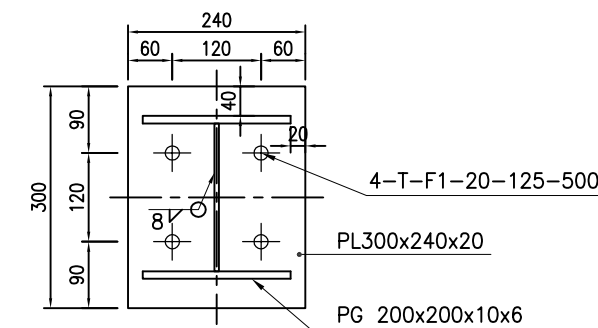
1:100  COLUMN, BASE PLATE AND BRACING LAYOUT PLAN



1:10  BASE PLATE-1 N=16



1:10  BASE PLATE-2 N=12



1:10  BASE PLATE-3 N=4

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) ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001".28 DAYS CHARACTERISTIC
COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 MPa (ON 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 (ON CYLINDRICAL SPECIMEN)
- 5) STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF
"MINIMUM YIELD STRESS OF $F_y=2400$ kg/cm².
STRUCTURAL STEEL SHAPES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF
"SPECIFICATION FOR STRUCTURAL STEEL FABRICATION AND ERECTION."
- 6) ALL BOLTS ARE HIGH STRENGTH BOLTS' GRADE 8.8 WITH MINIMUM TENSILE
STRENGTH OF $F_u=800$ 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) PLACES SHOULD BE CONTINUOUSLY WELDED TO THE WEB.

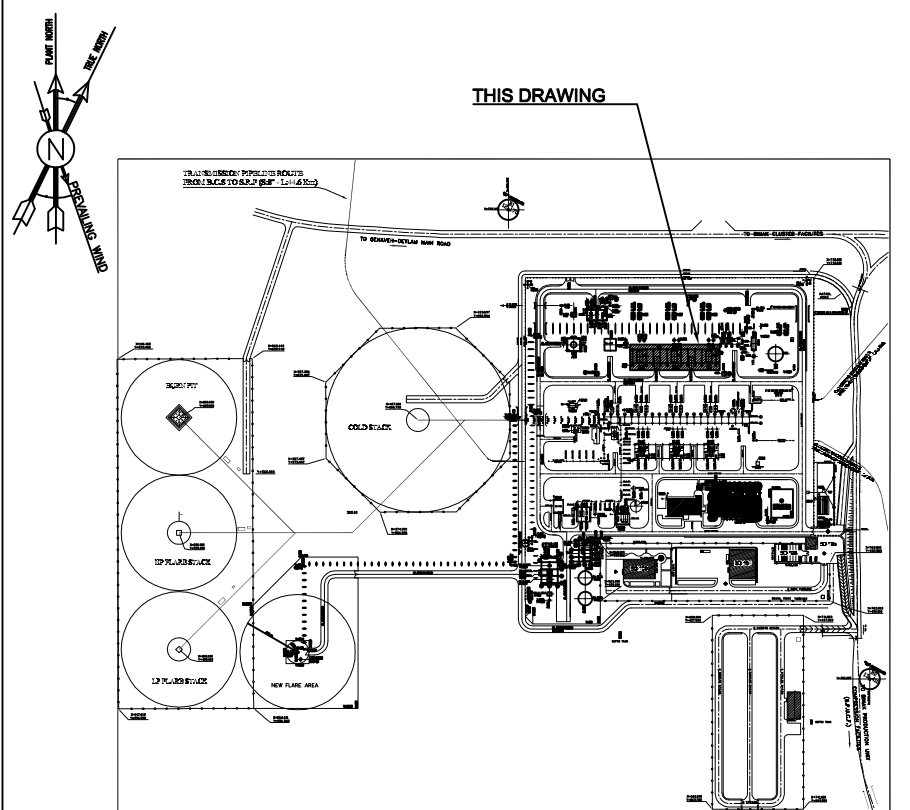
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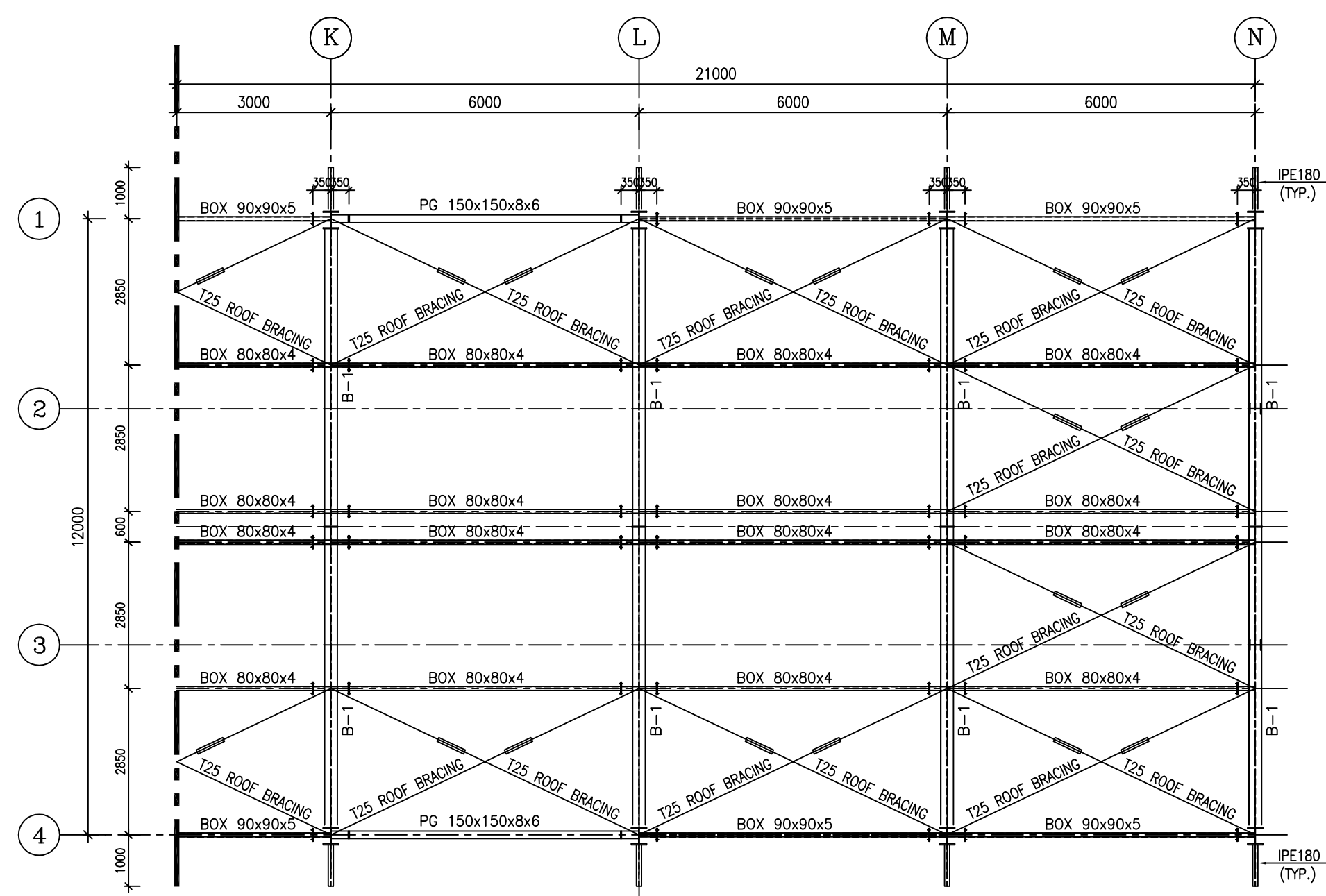
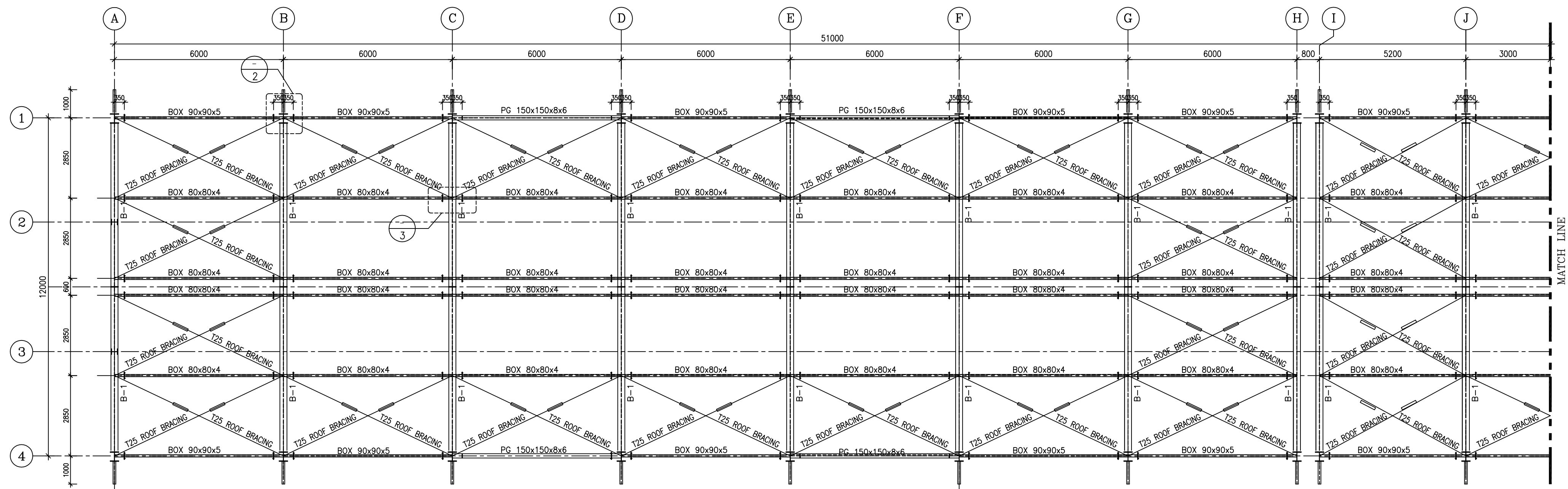
LEGEND AND ABBREVIATION

T.O.F.	TOP OF FOUNDATION
T.O.PED.	TOP OF PEDESTAL
T.O.PAV.	TOP OF PAVING
C.O.ST.	CENTER OF STRUT

REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-AR-DW-0003
GENERAL NOTES- STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
TYPE DETAILS FOR ANCHOR BOLTS	BK-GNRL-PEDCO-000-ST-DW-0002
FOUNDATION DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-DW-0059
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-0003
CALCULATION NOTE FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-SC-0006

KEY PLAN

[illegible]



350 350

2xPL200x200x10

2xPL200x200x10

4x BOX 80x80x4

4x BOX 80x80x4

4x M12 BOLTS

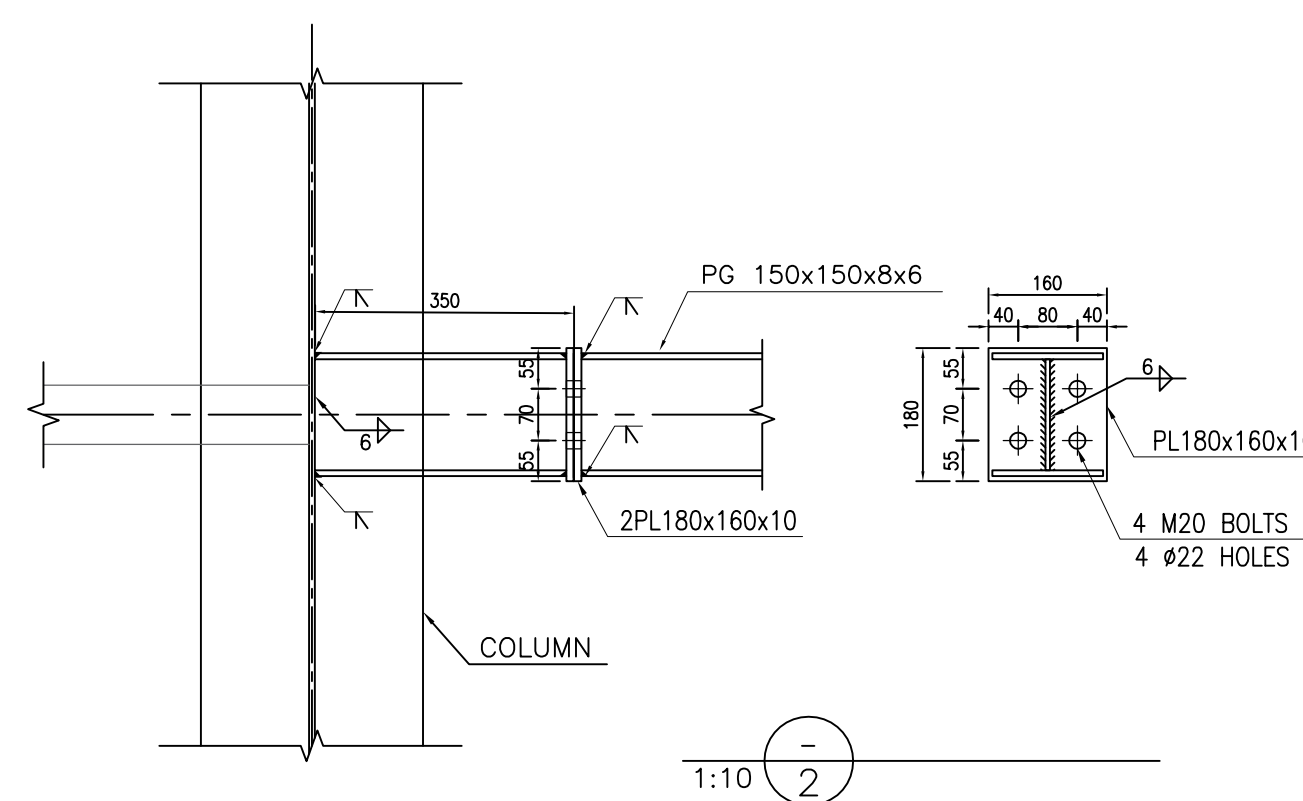
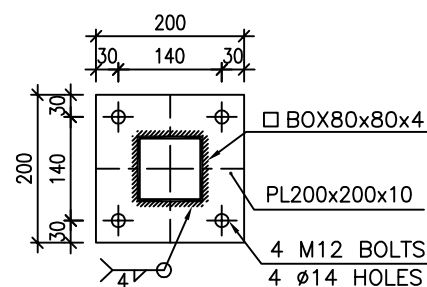
4x M12 BOLTS

4x Ø14 HOLES

4x Ø14 HOLES

4x1/2PL80x80x8

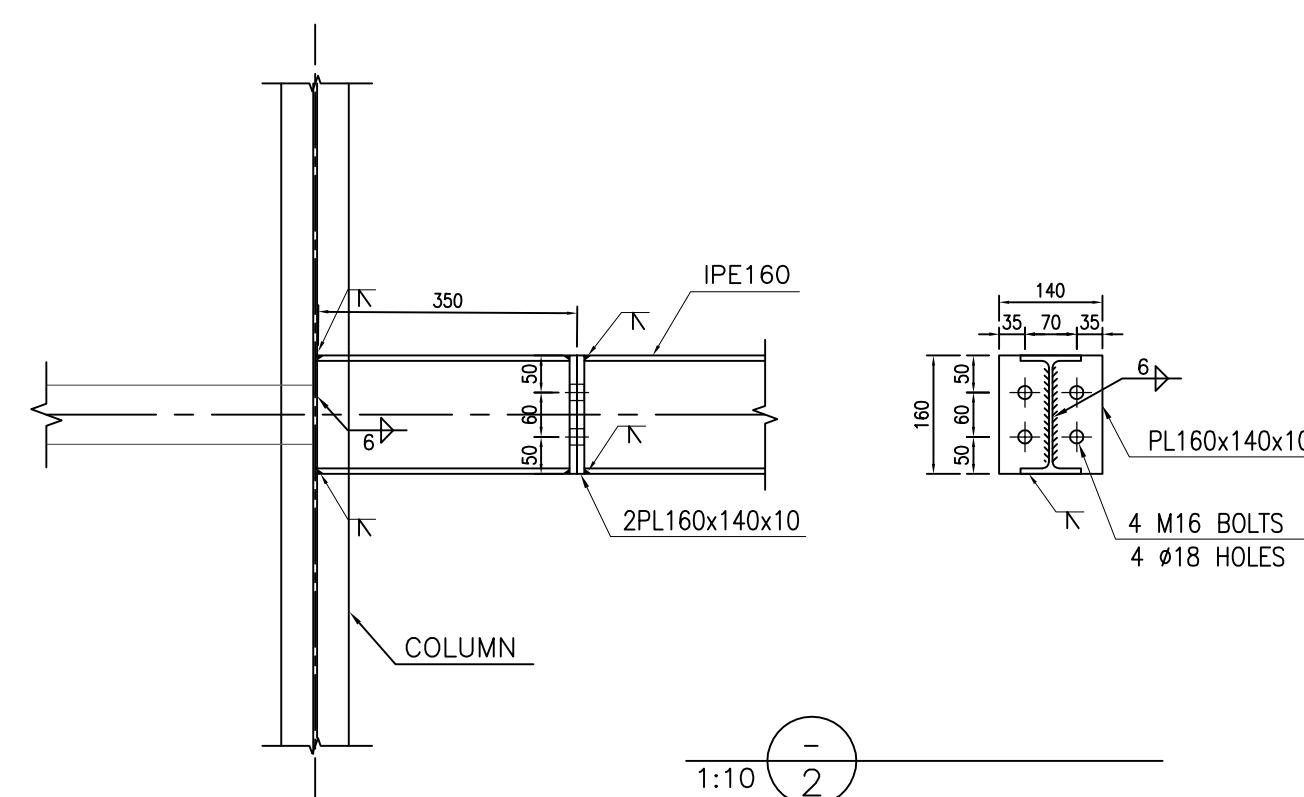
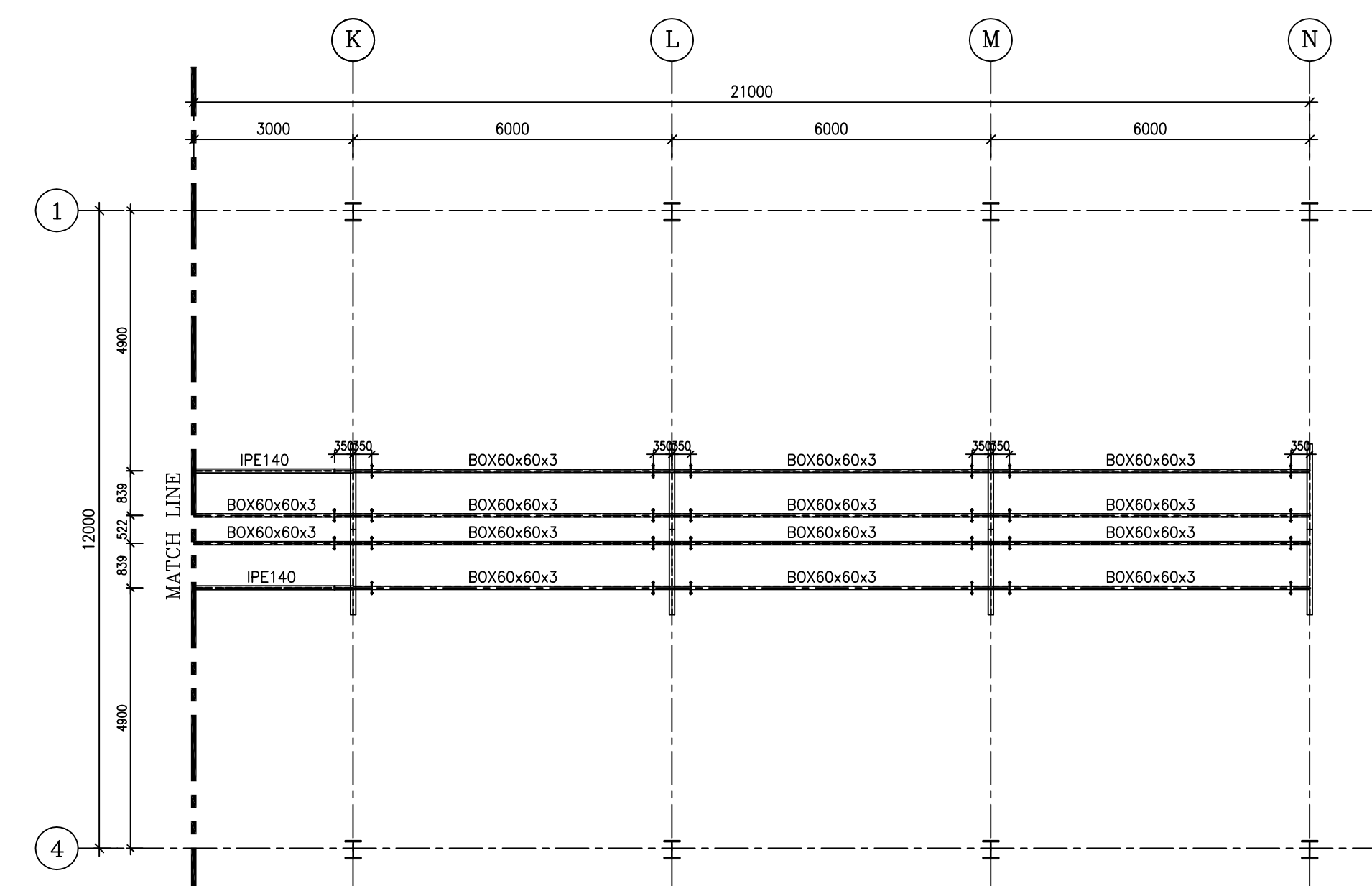
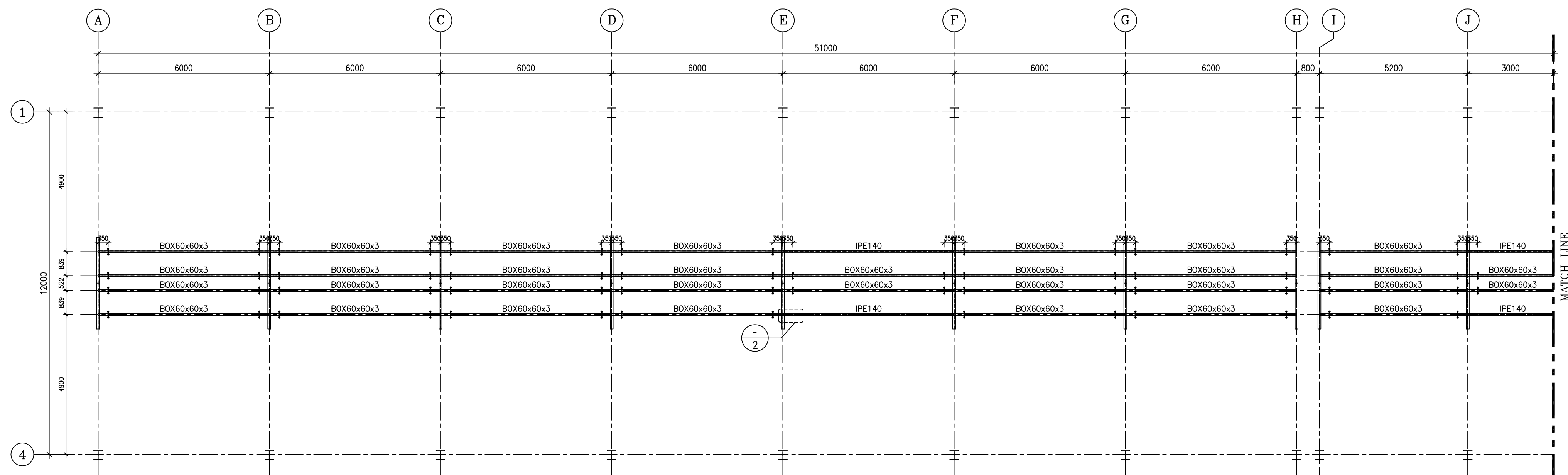
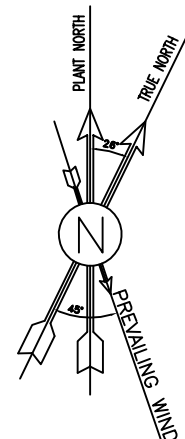
WEB COLUMN



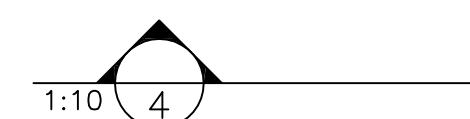
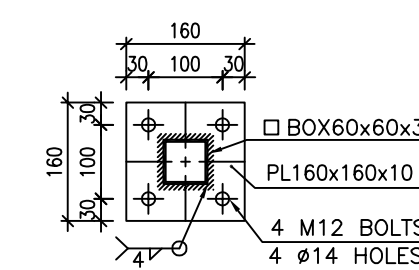
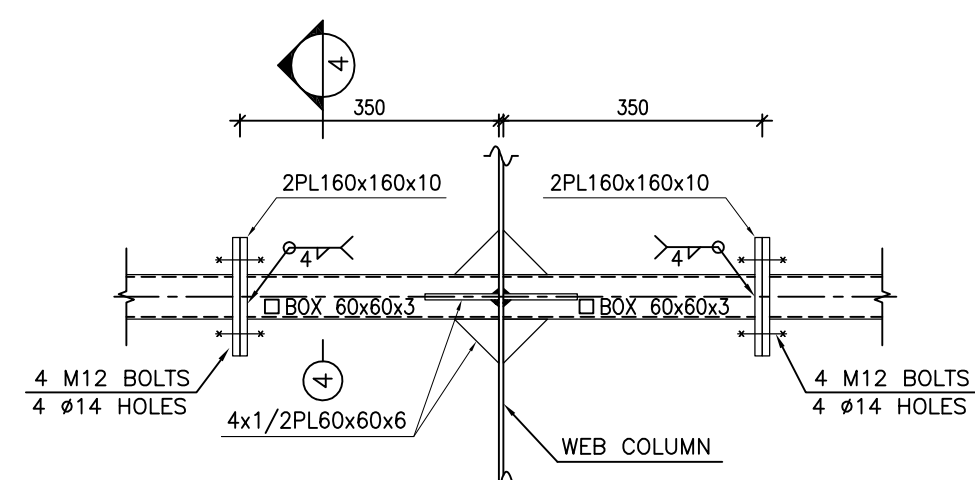
T.O.F.	TOP OF FOUNDATION
T.O.PED.	TOP OF PEDESTAL
T.O.PAV.	TOP OF PAVING
C.O.ST.	CENTER OF STRUT

REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-AR-DW-0001
GENERAL NOTES-STEEL STRUCTURES	BK-GNRA-PEDCO-000-ST-DW-00
TYPICAL DETAILS FOR ANCHOR BOLTS	BK-GNRA-PEDCO-000-00-DW-00
FOUNDATIONAL DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-DW-0001
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-GNRA-PEDCO-000-00-ST-DW-00
SPECIFICATION FOR ERECTION OF STEEL STRUCTURES	BK-GNRA-PEDCO-000-00-ST-SP-00
SPECIFICATION FOR FABRICATION OF STEEL STRUCTURES	BK-GNRA-PEDCO-000-00-ST-SP-00
SPECIFICATION FOR STEEL STRUCTURAL WORK	BK-GNRA-PEDCO-000-00-ST-SP-00
GEOTECHNICAL INVESTIGATION REPORT FOR COMPRESSOR STATION	BK-GCS-PEDCO-120-GT-RTF-0001
SPECIFICATION FOR GROUTING	BK-GNRA-PEDCO-000-00-PI-SP-00
SPECIFICATION FOR PAINTING	BK-GNRA-PEDCO-000-00-PI-SP-00
CALCULATION NOTE FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-CN-0001

[illegible][illegible]



1:100  ROOF BRACING PLAN ELEVATION +12.00



NOTES

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- 2) ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION
- 3) ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"bk-NRKL-PEDCO-000-SP-SP-0001"28 DAYS CHARACTERISTIC
COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 MPa(QN CYLINDRICAL SPECIMEN)
- 4) ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"bk-NRKL-PEDCO-000-SP-SP-0001"28 DAYS CHARACTERISTIC
COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(QN CYLINDRICAL SPECIMEN)
- 5) STRUCTURAL STEEL SHAPES & PLATES SHALL CONFORM TO S235JR
WITH MINIMUM YIELD STRESS OF $F_y=240 \text{ N/mm}^2$ kg/cm².
- 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 SHALL BE CONTINUOUSLY WELDED TO THE WEB.

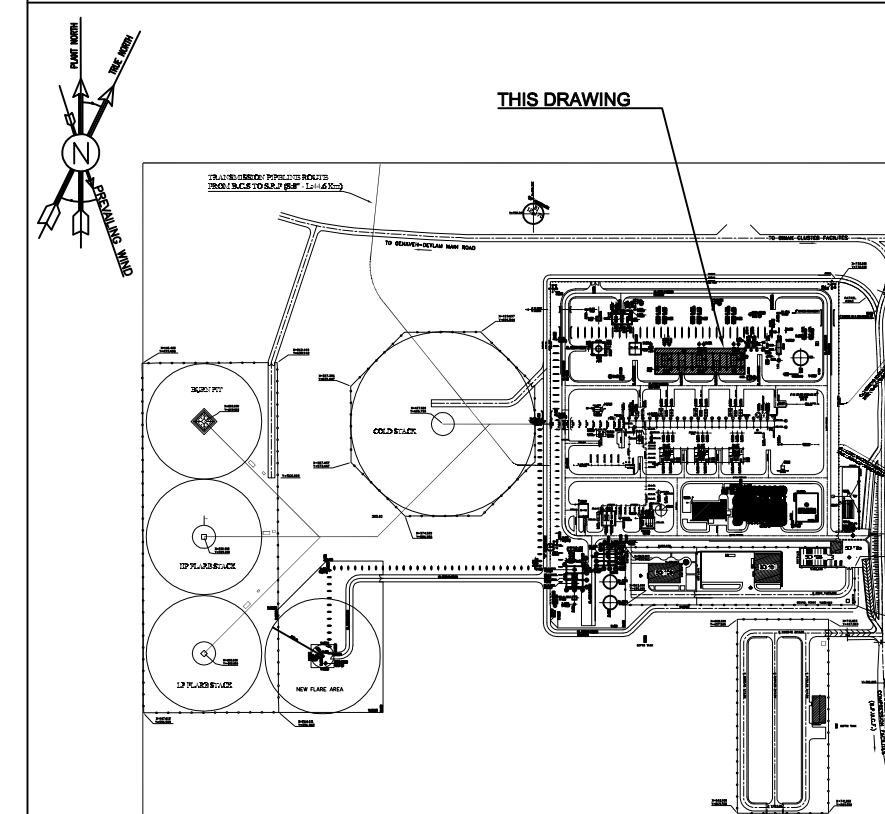
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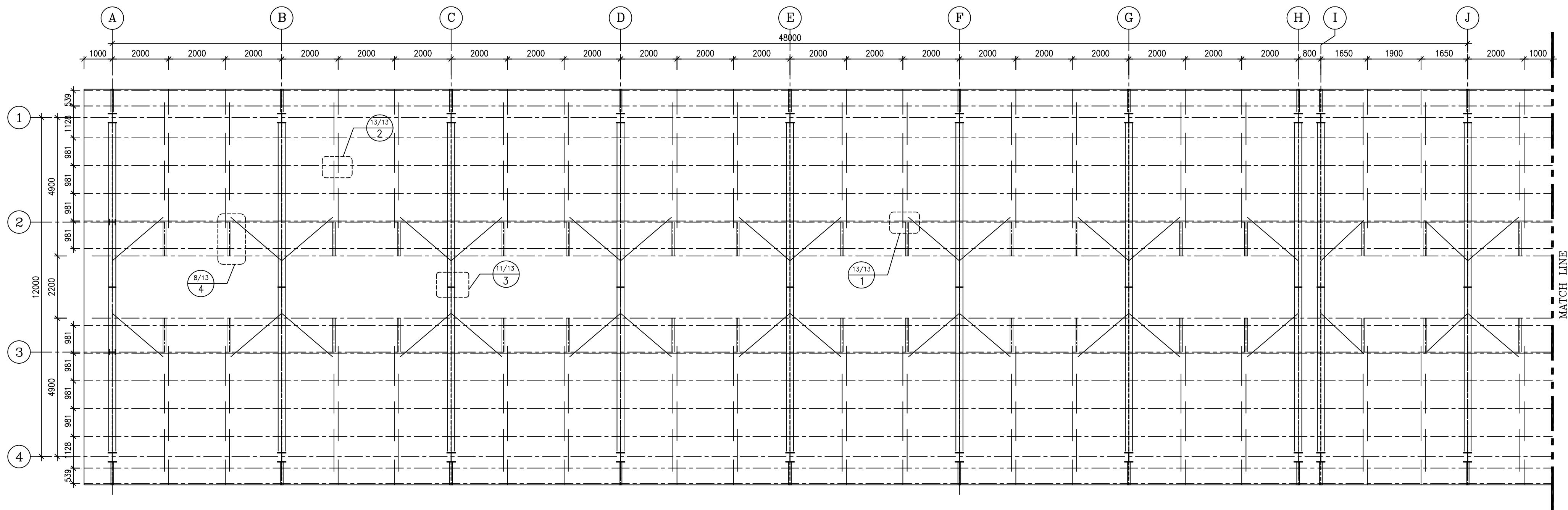
LEGEND AND ABBREVIATION

T.O.F.	TOP OF FOUNDATION
T.O.PED.	TOP OF PEDESTAL
T.O.PAV.	TOP OF PAVING
C.O.ST.	CENTER OF STRUT

REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-AR-DW-0003
GENERAL NOTES- STEEL STRUCTURES	BK-GN-AL-PEDCO-120-ST-DW-0011
TYPICAL DETAILS FOR ANCHOR BOLTS	BK-GN-AL-PEDCO-120-ST-DW-0002
FOUNDATION DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-DW-0059
GENERAL NOTES- REINFORCED CONCRETE STRUCTURES	BK-GN-AL-PEDCO-120-ST-DW-0012
SPECIFICATION FOR ERECTION OF STEEL STRUCTURES	BK-GN-AL-PEDCO-120-ST-SP-0005
SPECIFICATION FOR FABRICATION OF STEEL STRUCTURES	BK-GN-AL-PEDCO-120-ST-SP-0003
SPECIFICATION FOR STEEL STRUCTURAL WORK	BK-GN-AL-PEDCO-120-ST-SP-0008
GEO TECHNICAL INVESTIGATION REPORT FOR COMPRESSOR STATION	BK-GCS-PEDCO-120-GT-RT-0001
SPECIFICATION FOR GROUTING	BK-GN-AL-PEDCO-120-ST-SP-0004
SPECIFICATION FOR PAINTING	BK-GN-AL-PEDCO-120-ST-SP-0006
CALCULATION NOTE FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-CN-0001

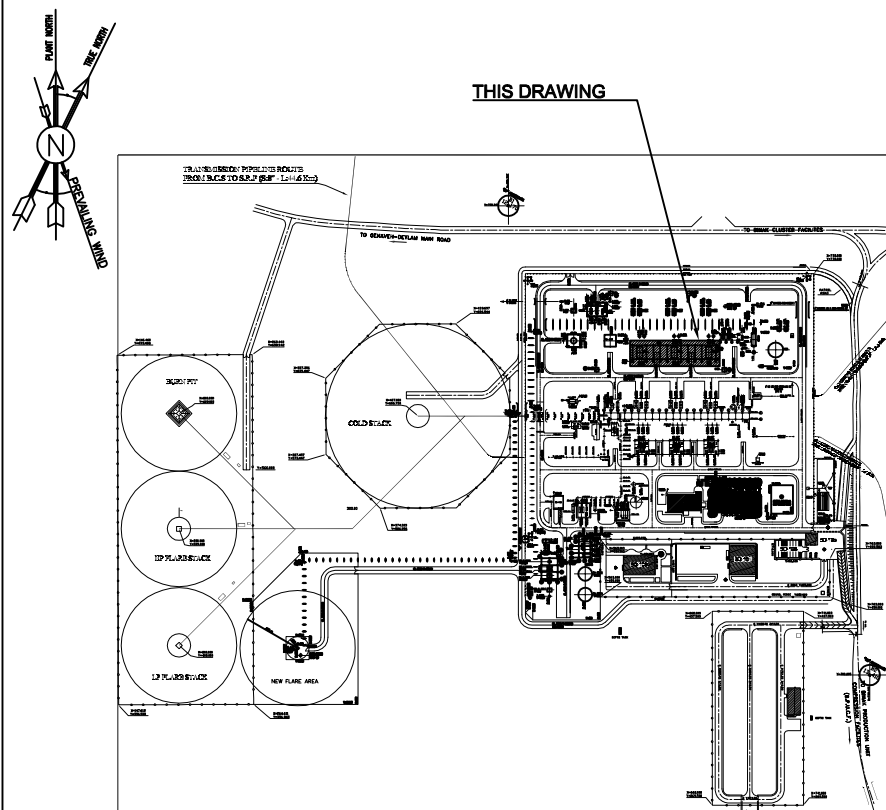
KEY PLAN

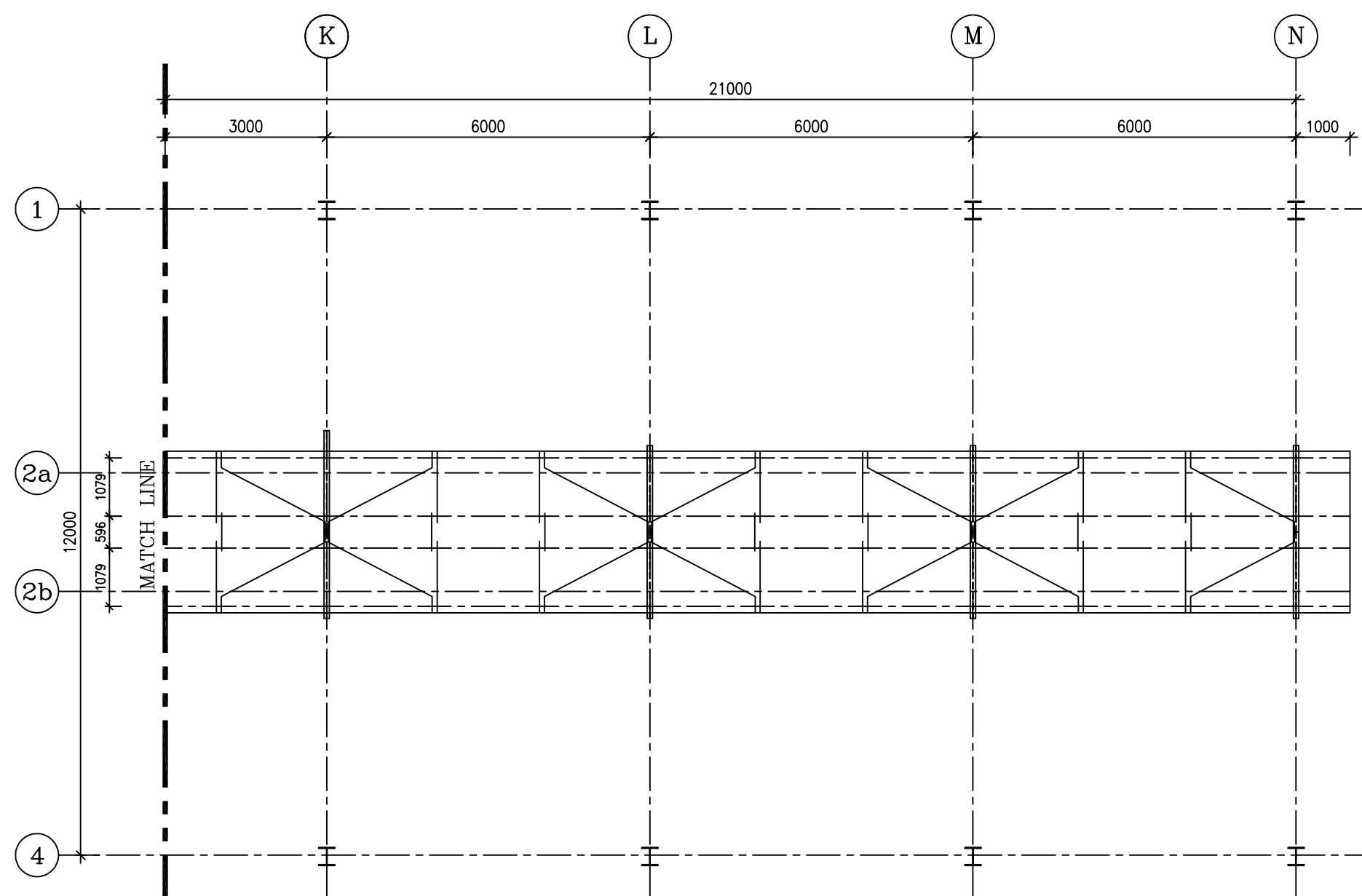
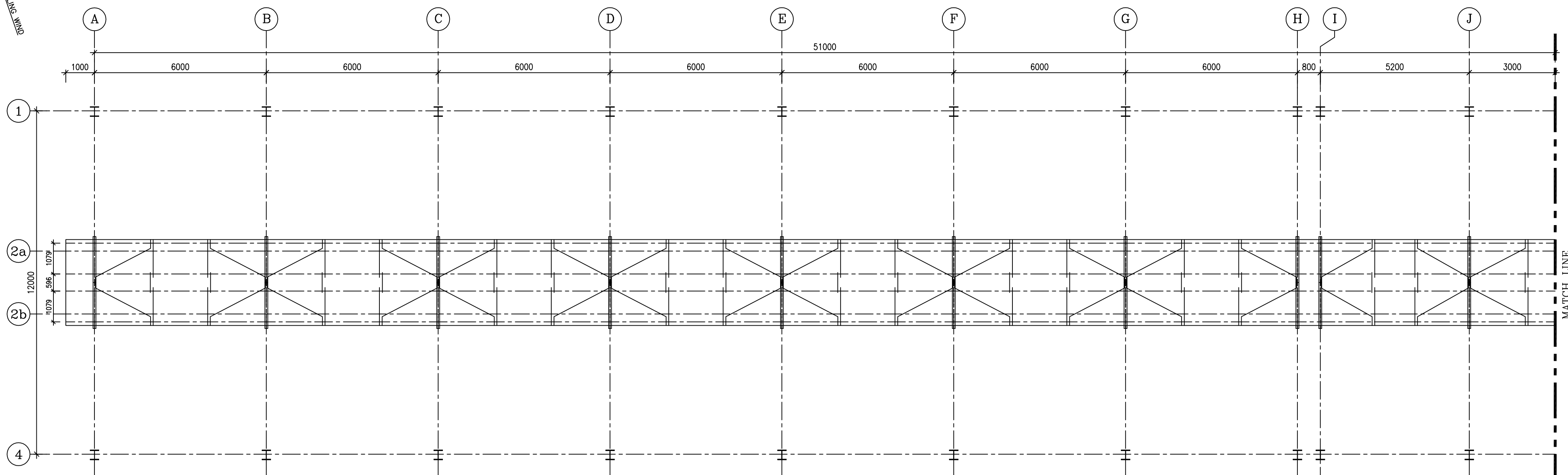
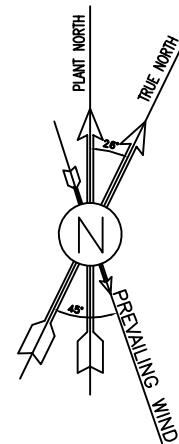
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$$\pm 0.00 = +11.20(\text{H.P.P.})$$

T.O.F.	TOP OF FOUNDATION
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KEY PLAN

[illegible]



1:100  ROOF PURLIN PLAN ELEVATION +12.00

NOTES

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- 2) ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- 3) ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SF-0001", 28 DAYS CHARACTERISTIC
COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 MPa (ON CYLINDRICAL SPECIMEN)
- 4) ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SF-0001", 28 DAYS CHARACTERISTIC
COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)
- 5) STRUCTURAL STEEL SHAPES & PLATES SHALL CONFORM TO S235JR
WITH MINIMUM YIELD STRESS OF $F_y = 2400$ kg/cm²
- 6) ALL BOLTS ARE HIGH STRENGTH BOLTS GRADE 8.8 WITH MINIMUM TENSILE
STRENGTH OF $F_u = 800$ 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.

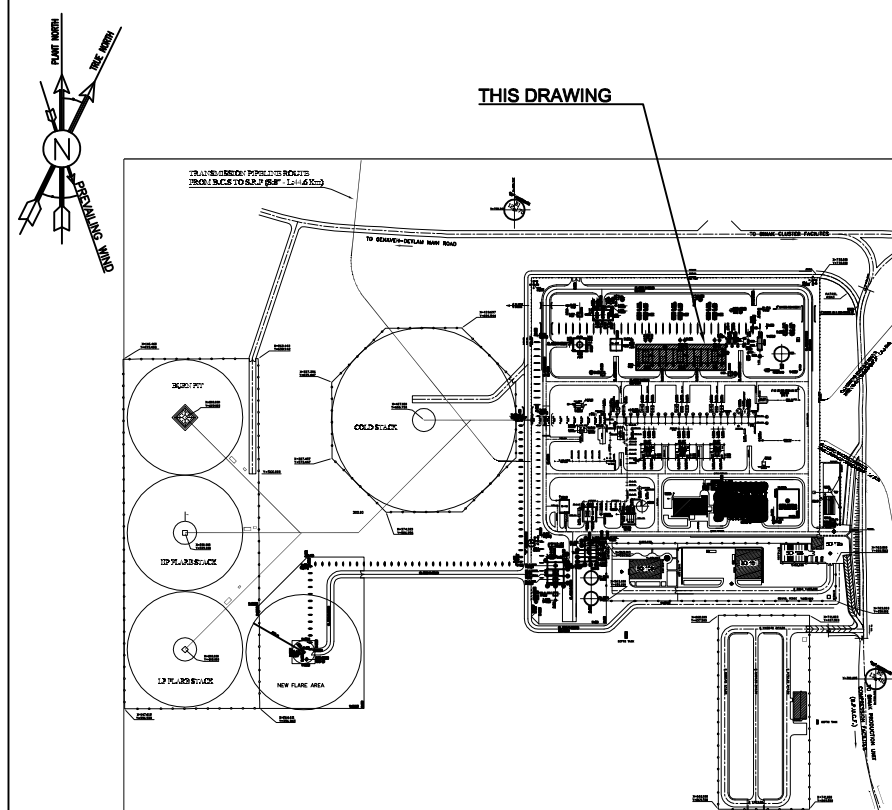
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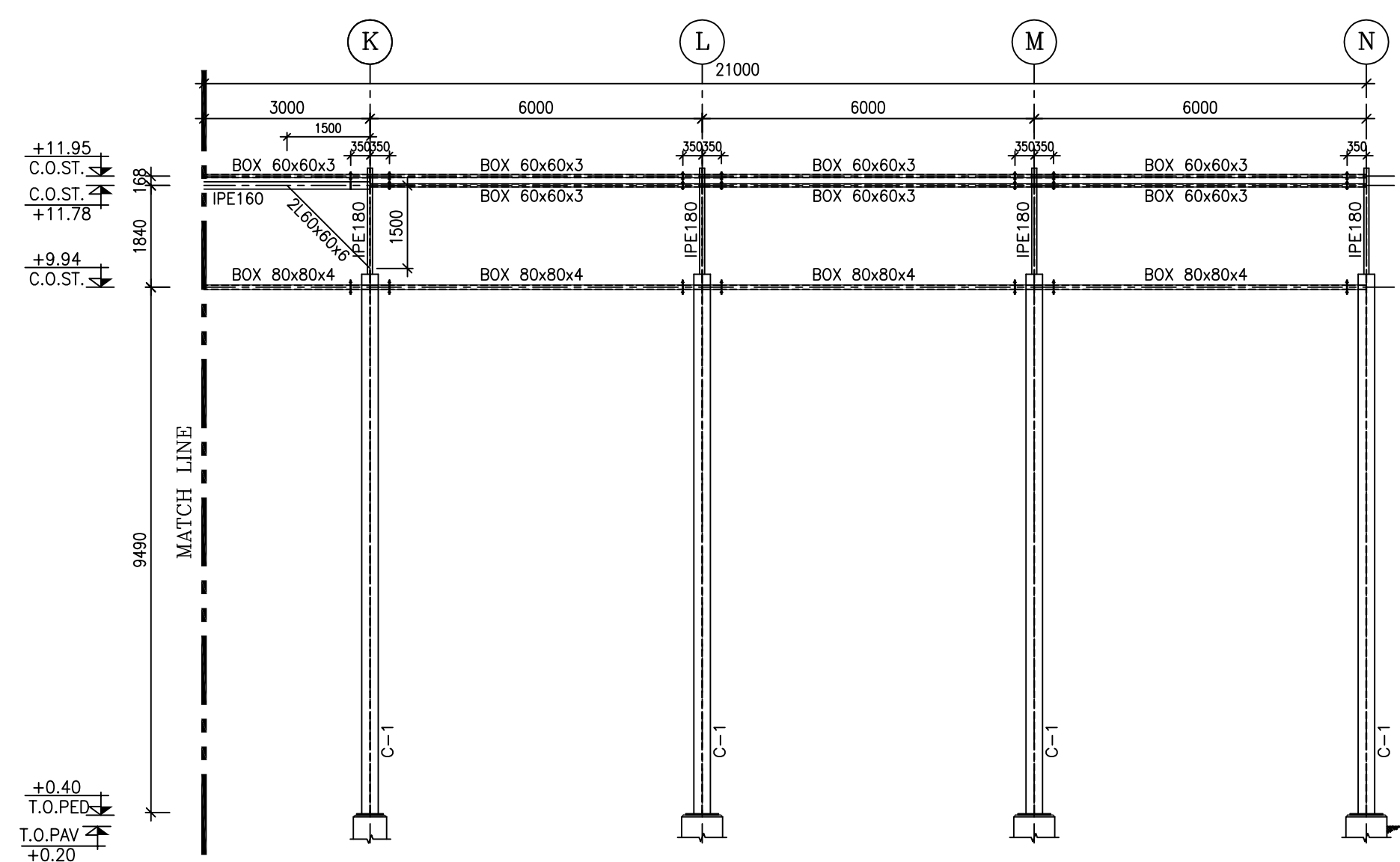
LEGEND AND ABBREVIATION

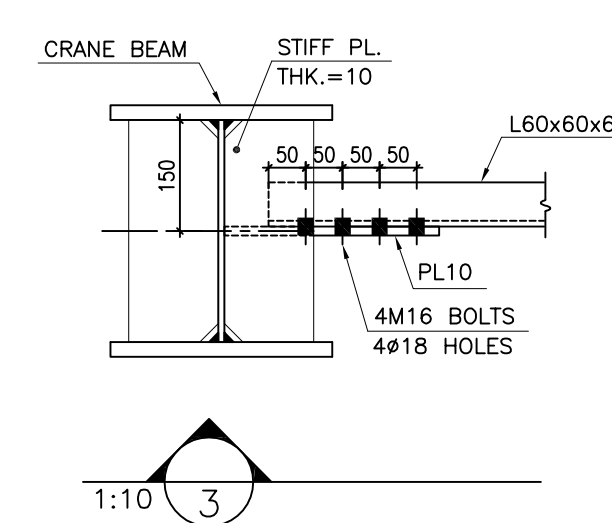
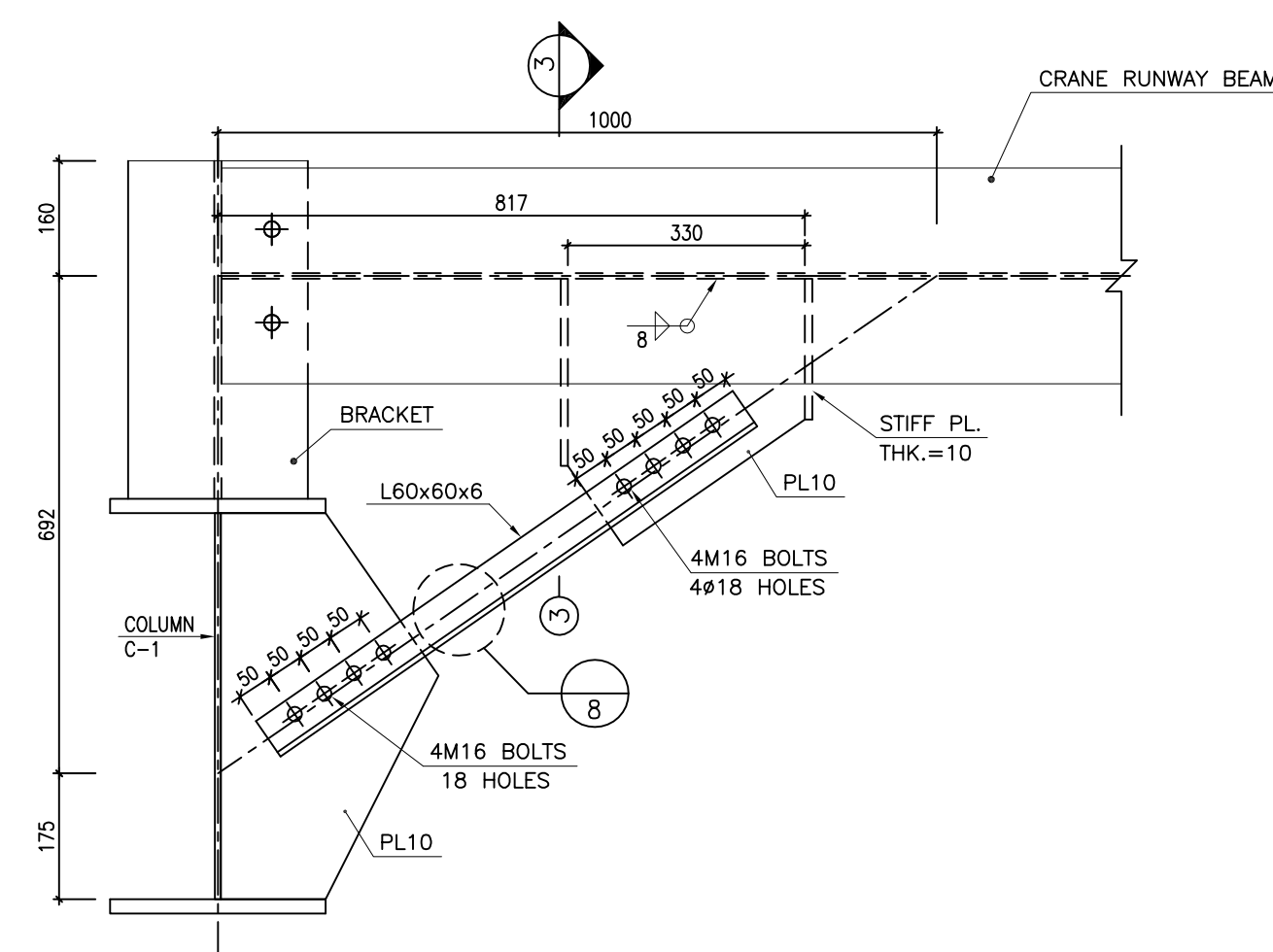
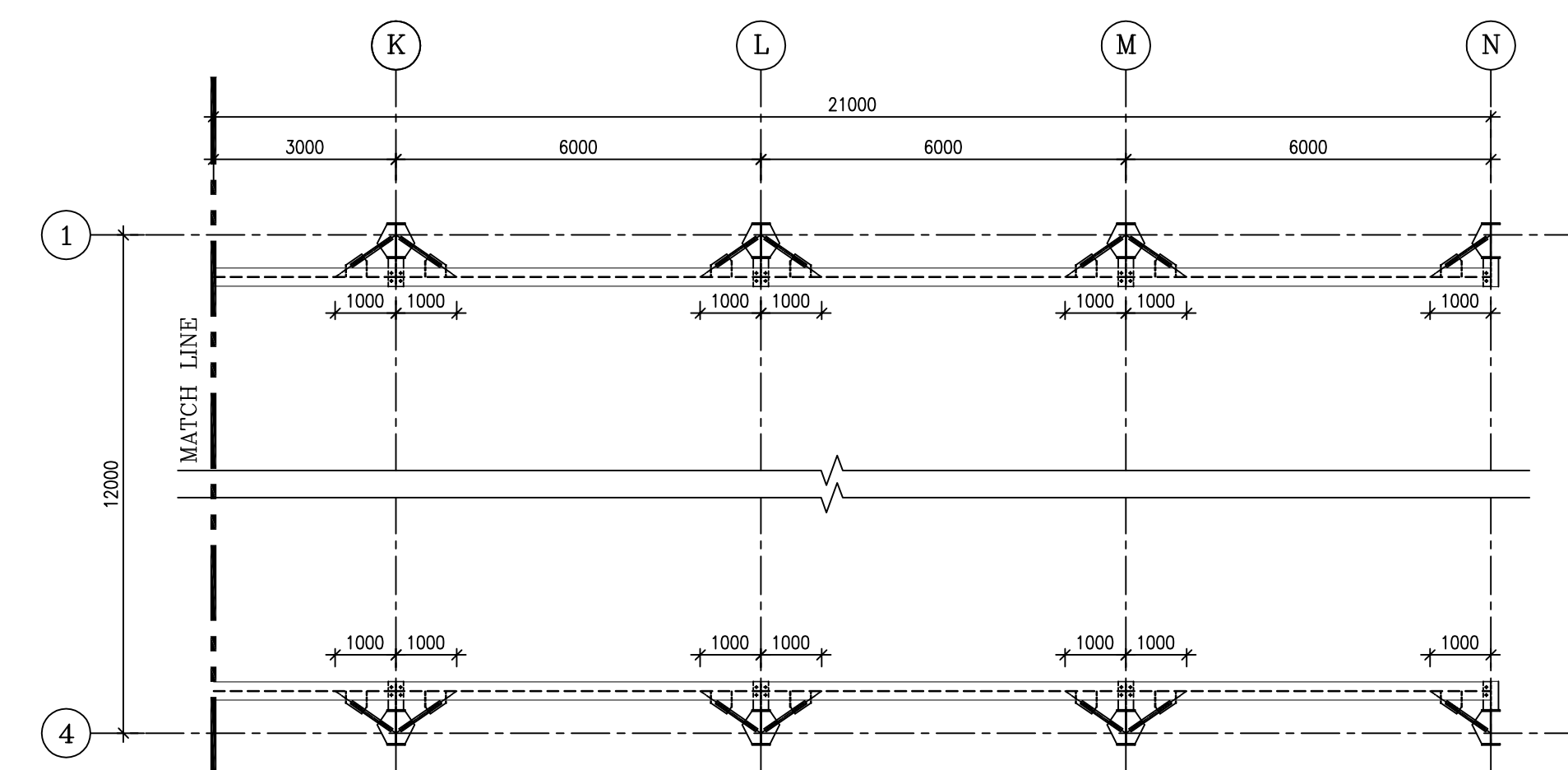
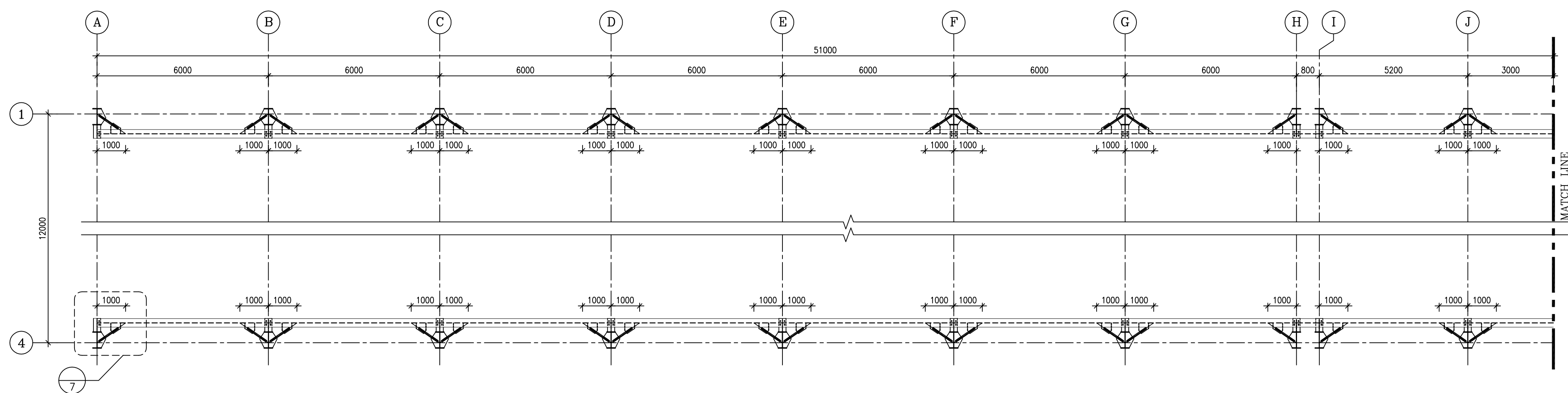
T.O.F.	TOP OF FOUNDATION
T.O.PED.	TOP OF PEDESTAL
T.O.PAV.	TOP OF PAVING
C.O.ST.	CENTER OF STRUT

REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-AR-DW-0003
GENERAL NOTES- STEEL STRUCTURES	BK-GNRL-PEDCO-200-ST-DW-0011
TYPICAL DETAILS FOR ANCHOR BOLTS	BK-GNRL-PEDCO-200-ST-DW-0009
FUNDAMENTAL DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-DW-0052
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-200-ST-DW-0012
SPECIFICATION FOR ERECTION OF STEEL STRUCTURES	BK-GNRL-PEDCO-200-ST-DW-SP-0005
SPECIFICATION FOR FABRICATION OF STEEL STRUCTURES	BK-GNRL-PEDCO-200-ST-DW-SP-0003
SPECIFICATION FOR STEEL STRUCTURAL WORK	BK-GNRL-PEDCO-200-ST-DW-SP-0008
GEOTECHNICAL INVESTIGATION REPORT FOR COMPRESSOR STATION	BK-GCS-PEDCO-120-GT-RF-0001
SPECIFICATION FOR GROUTING	BK-GNRL-PEDCO-200-ST-DW-SP-0004
SPECIFICATION FOR PAINTING	BK-GNRL-PEDCO-200-PI-SP-0003
CALCULATION NOTE FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-PI-0006

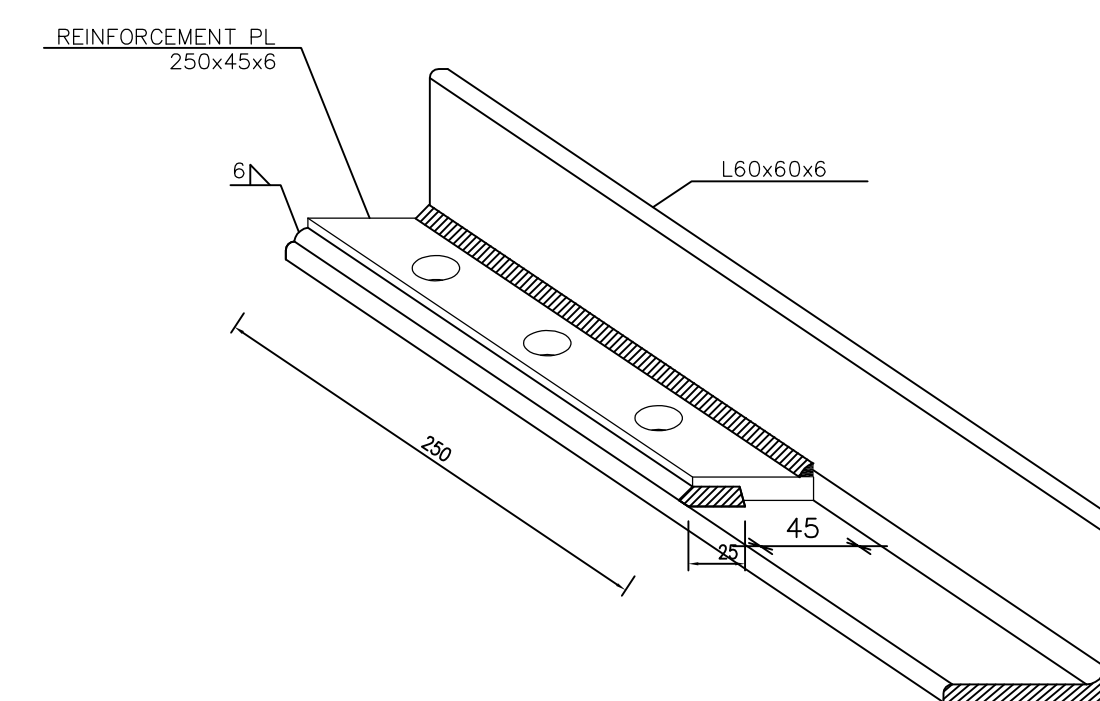
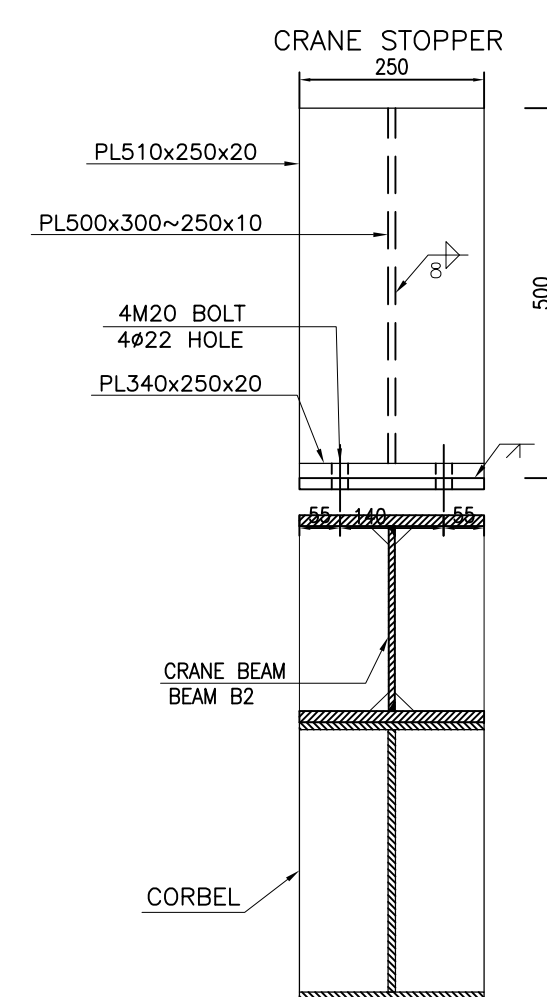
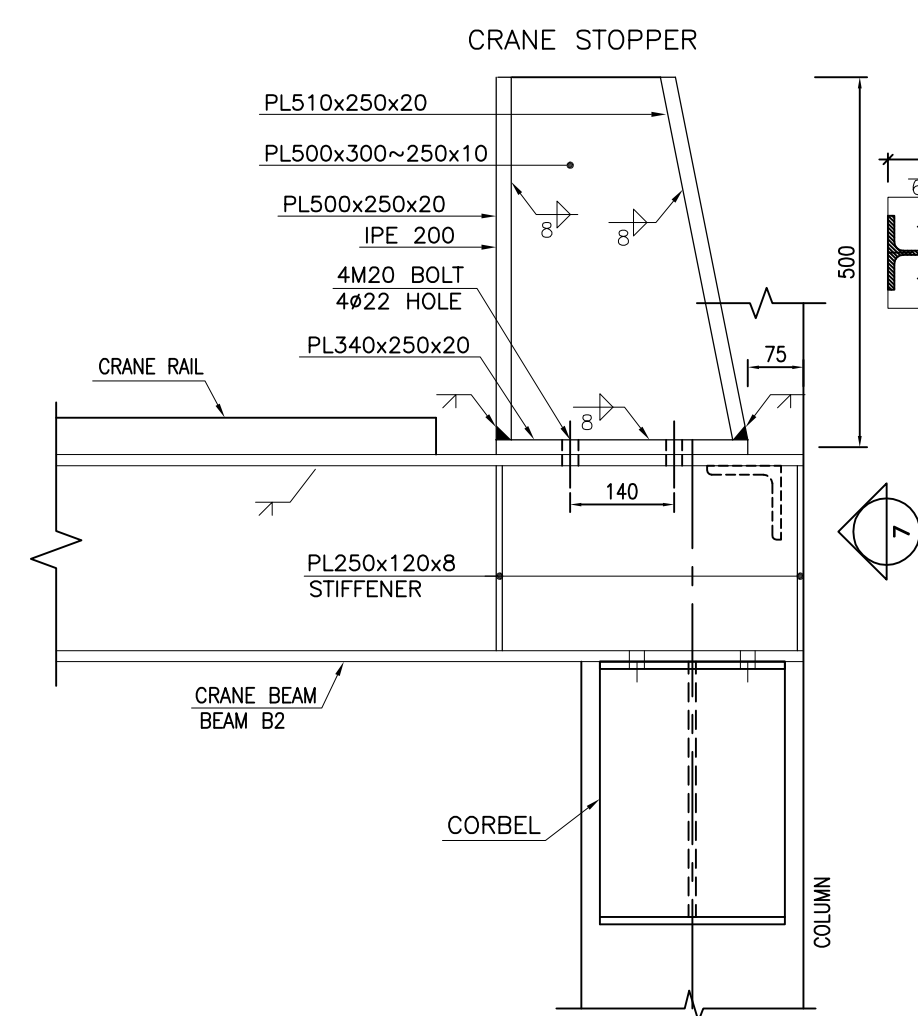
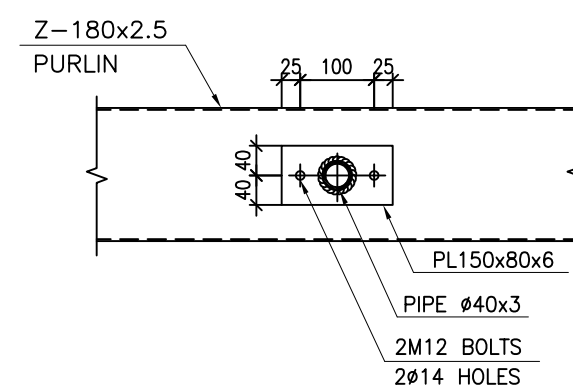
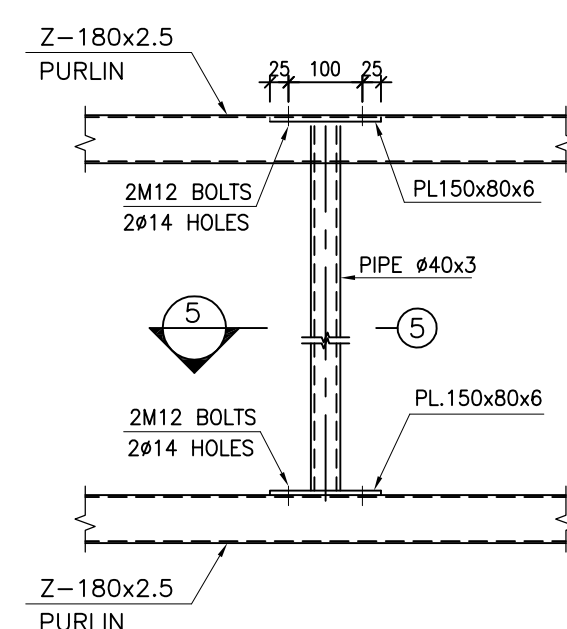
KEY PLAN

[illegible]

[illegible]



1:100 ROOF BRACING PLAN ELEVATION +7.04

$$\frac{1:10}{2}$$


N.T.S.C. 8 BRACING DETAILS AT ENDS OF ANGLES

1:10 (2/13) TYP. PIPE TO PURLIN CONNECTION DETAIL
4

NOTES

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COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 MPa(ON CYLINDRICAL SPECIMEN)
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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.
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SPECIFICATION FOR STRUCTURAL STEEL FABRICATION AND ERECTION.
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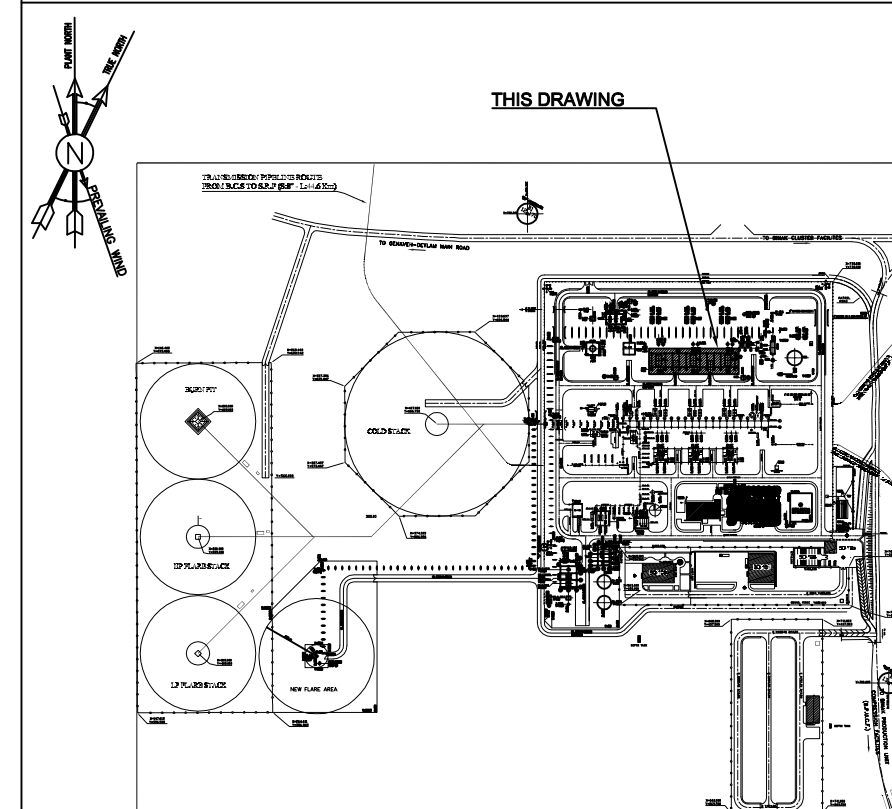
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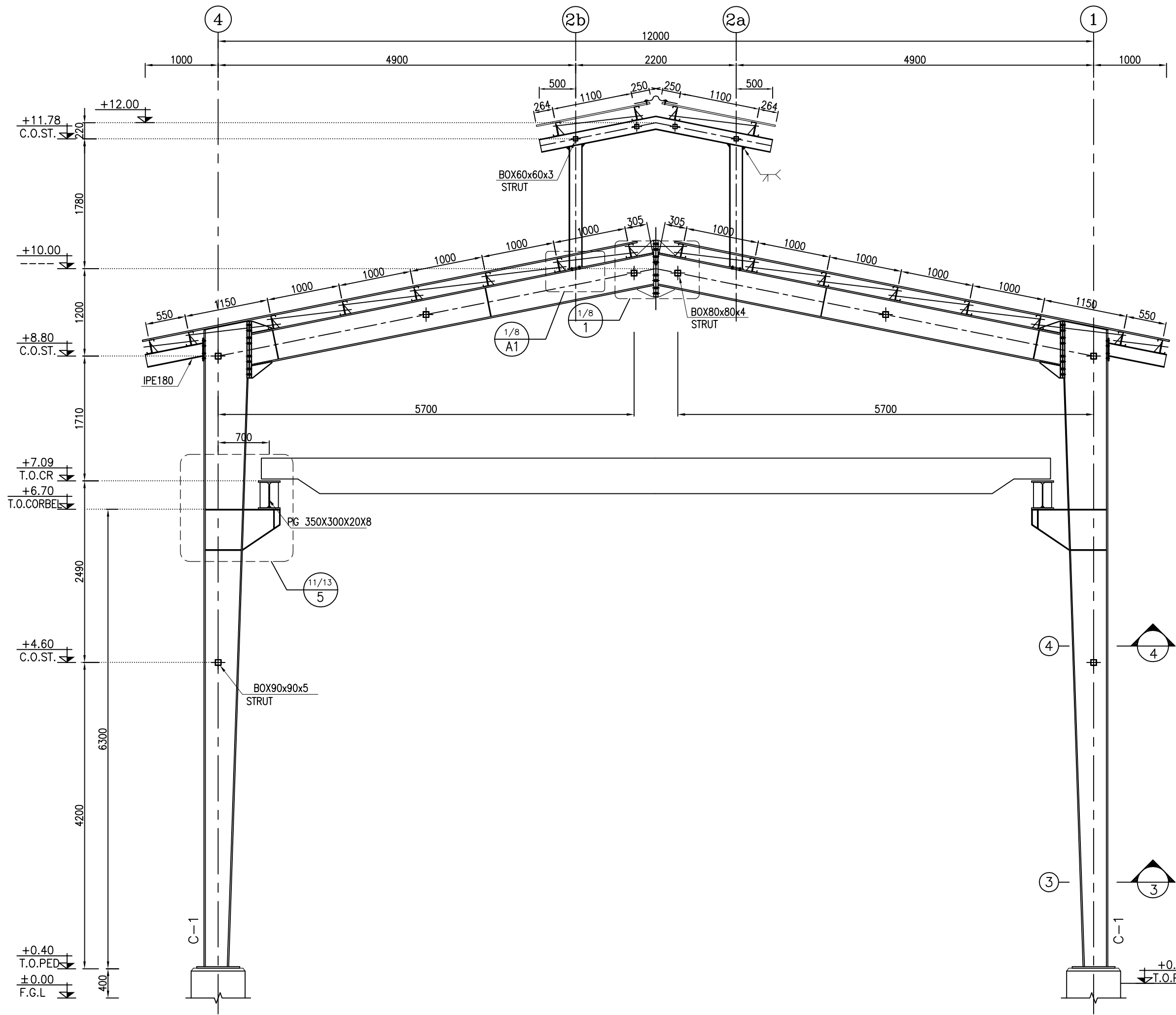
LEGEND AND ABBREVIATION

T.O.F.	TOP OF FOUNDATION
T.O.PED.	TOP OF PEDESTAL
T.O.PAV.	TOP OF PAVING
C.O.ST.	CENTER OF STRUT

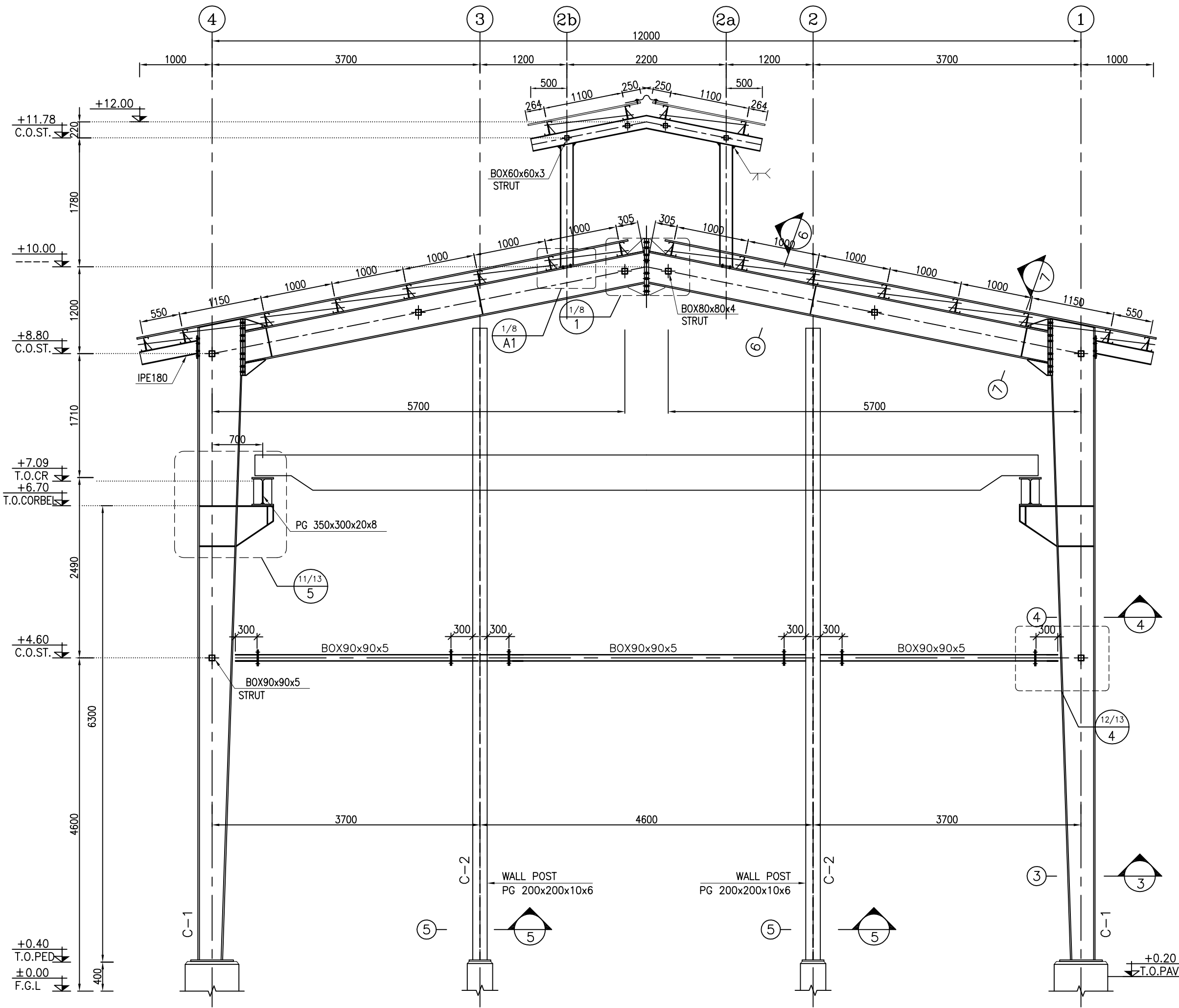
REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-AR-DW-0003
GENERAL NOTES-STEEL STRUCTURES	BK-GNRA-PEDCO-090-ST-DW-0011
TYPICAL DETAILS FOR ANCHOR BOLTS	BK-GNRA-PEDCO-090-ST-DW-0052
FOUNDATION DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-DW-0059
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-GNRA-PEDCO-090-ST-DW-0012
SPECIFICATION FOR ERECTION OF STEEL STRUCTURES	BK-GNRA-PEDCO-090-ST-SP-0005
SPECIFICATION FOR FABRICATION OF STEEL STRUCTURES	BK-GNRA-PEDCO-090-ST-SP-0003
SPECIFICATION FOR STEEL STRUCTURAL WORK	BK-GNRA-PEDCO-090-ST-SP-0008
GEOTECHNICAL INVESTIGATION REPORT FOR COMPRESSOR STATION	BK-GCS-PEDCO-120-GT-RT-0001
SPECIFICATION FOR GROUTING	BK-GNRA-PEDCO-090-ST-SP-0004
SPECIFICATION FOR PAINTING	BK-GNRA-PEDCO-090-ST-SP-0006
CALCULATION NOTE FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-PN-0003

KEY PLAN

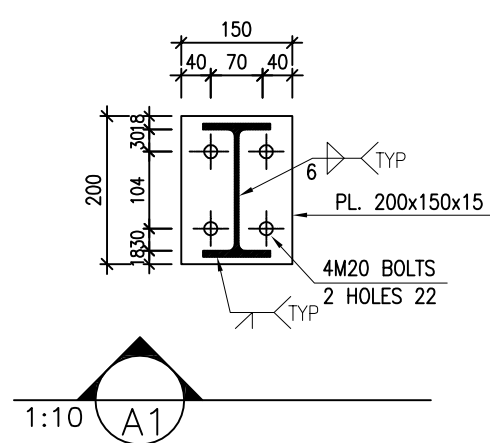
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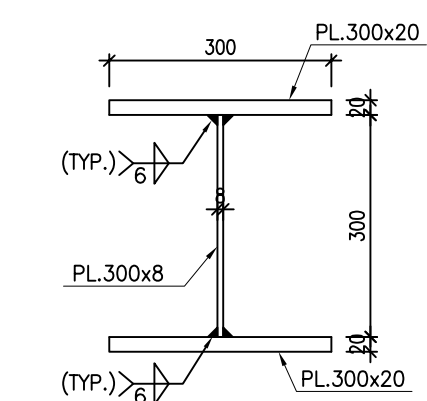
1:50 1 FRAMING ELEVATION ON AXES B & C & D & E & F & G & H & I & J & K & L & M



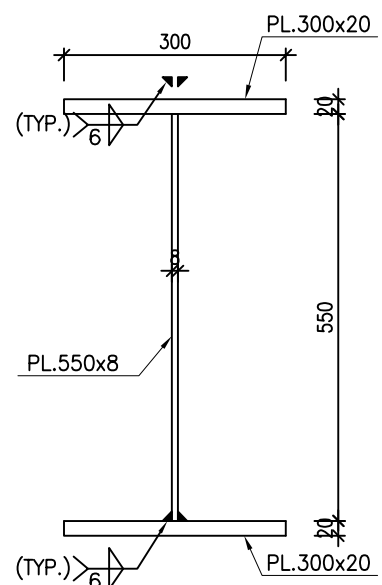
1:50 2 FRAMING ELEVATION ON AXES A & N



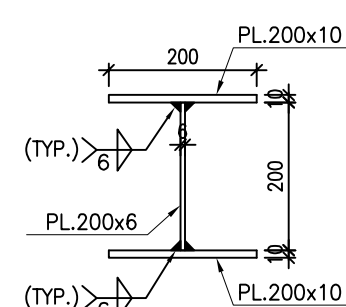
1:10 A1



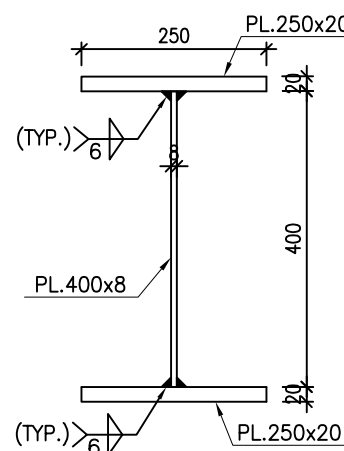
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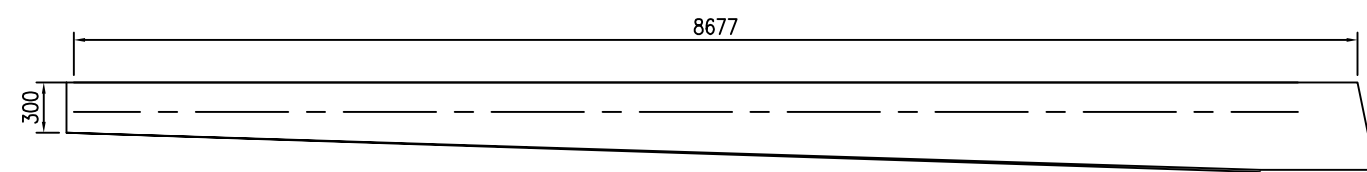
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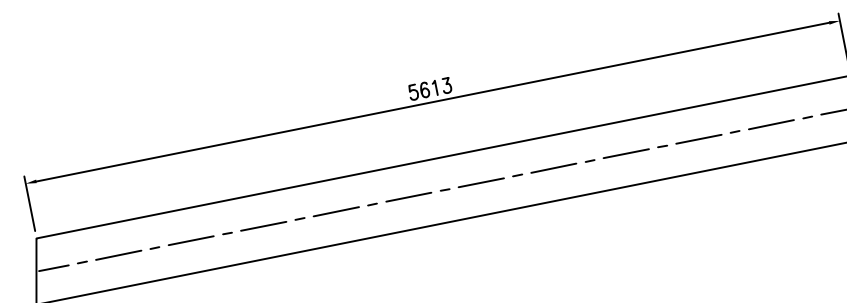
1:10 5 WALLPOST



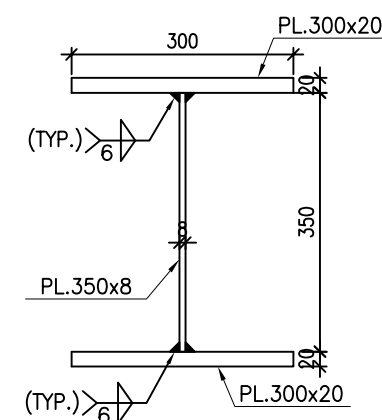
1:10 6 BEAM B1



1:50 9 WEB OF COLUMN C1 DETAIL



1:50 8 WEB OF BEAM-1 DETAIL



1:10 3/8 8 CRANE BEAM

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) ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 MPa (ON 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 (ON CYLINDRICAL SPECIMEN)
- 5) STRUCTURAL STEEL SHAPE & PLATES SHALL CONFORM TO S235JR WITH MINIMUM YIELD STRESS OF $F_y=2400$ kg/cm.
- 6) ALL BOLTS ARE HIGH STRENGTH BOLTS GRADE 8.8 WITH MINIMUM TENSILE STRENGTH OF $F_u=800$ 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.

±0.00 = +11.20 (H.P.P.)

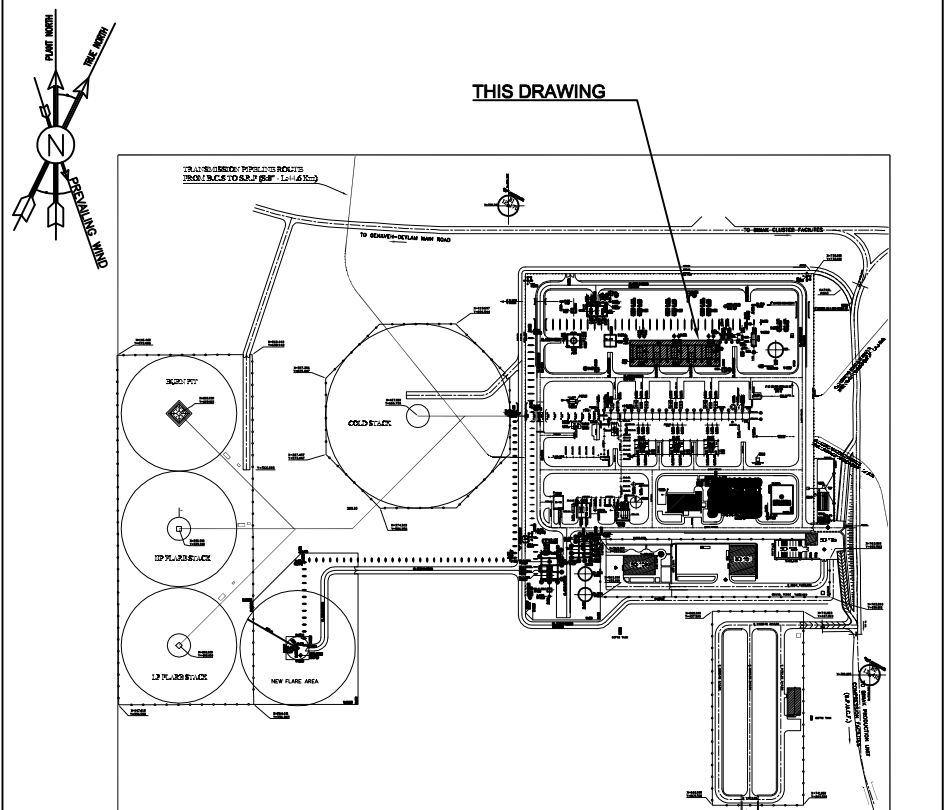
LEGEND AND ABBREVIATION

T.O.F. TOP OF FOUNDATION
T.O.PED. TOP OF PEDESTAL
T.O.PAV. TOP OF PAVING
C.O.ST. CENTER OF STRUT

REFERENCE DRAWING

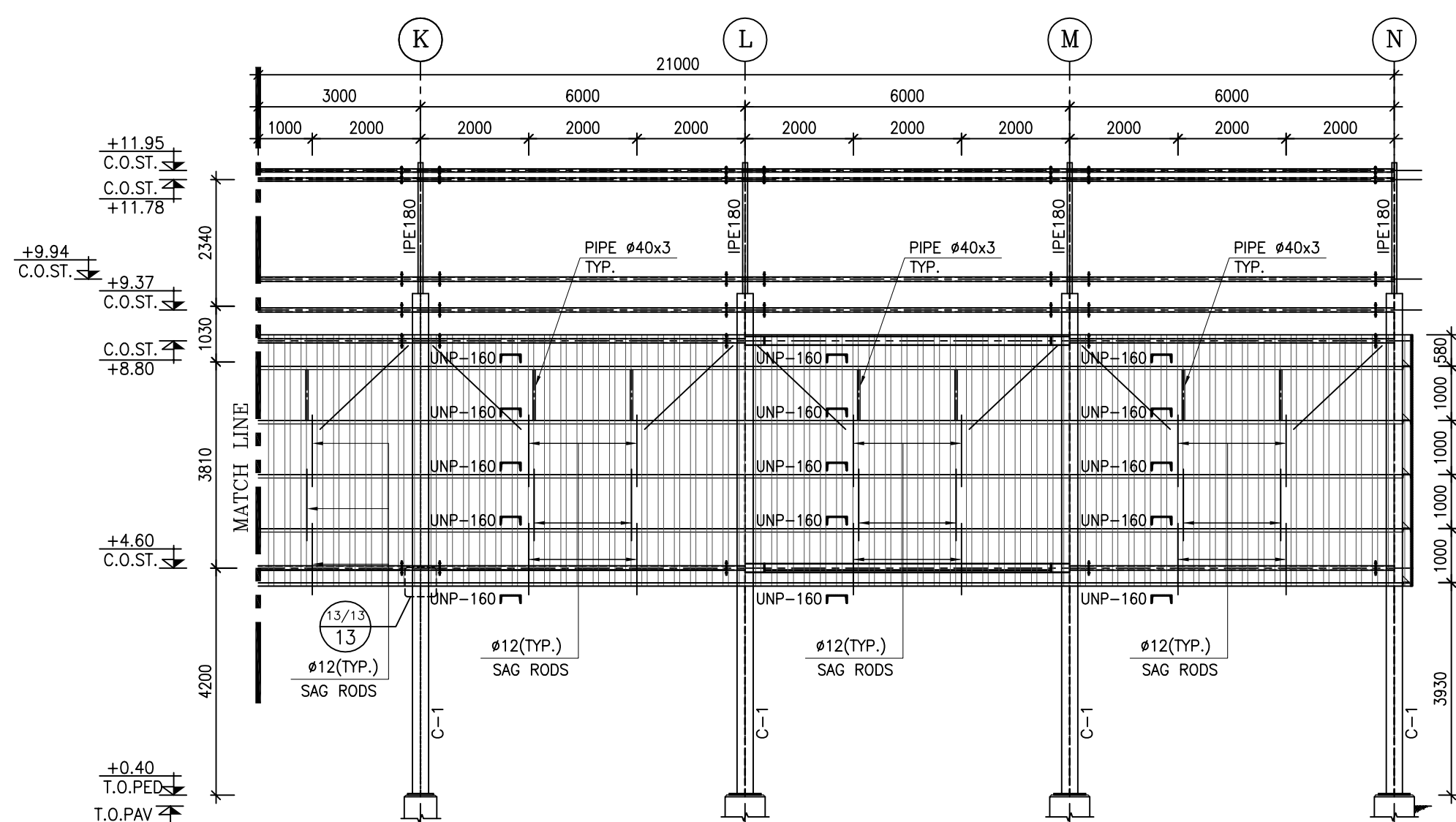
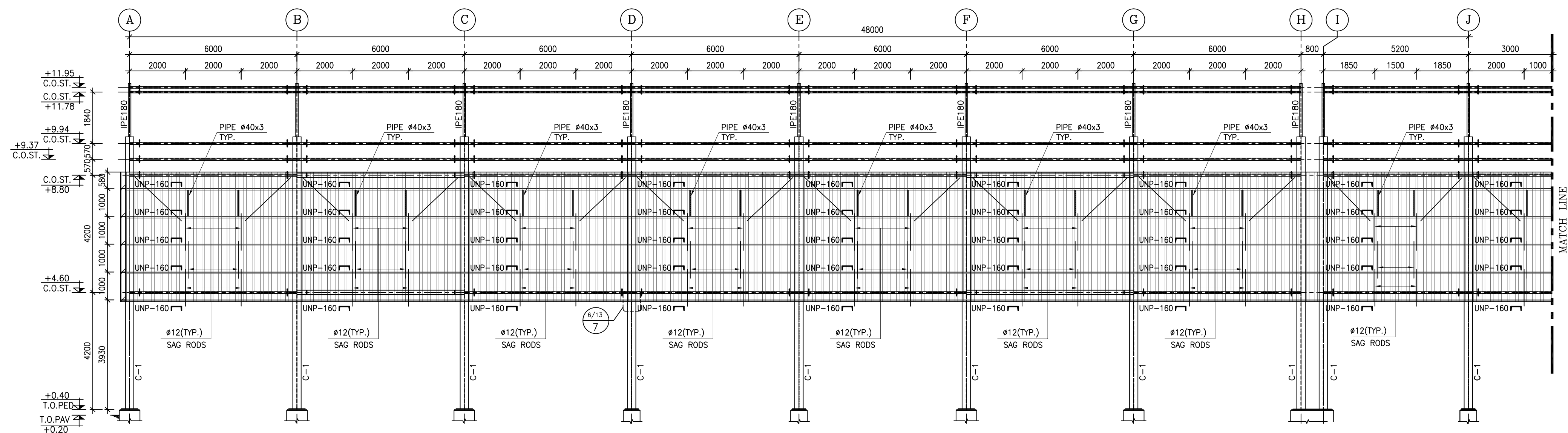
REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-AR-DW-0003
GENERAL NOTES-STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
TYPICAL DETAILS FOR ANCHOR BOLTS	BK-GNRL-PEDCO-000-ST-DW-0002
FOUNDATION DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-DW-0059
GENERAL 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
CALCULATION NOTE FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-CN-0003

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
D01	NOV.2023	IFC	R. BERLOUKI	M.PAKHARIAN	S.PARMARZPOOR
D00	AUG.2022	IFC	R. BERLOUKI	M.PAKHARIAN	SH.HALIKAR
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 DRAWINGS FOR GAS COMPRESSOR SHELTER					
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.
AS SHOWN	A1	BK-GSC-PEDCO-120-ST-DW-0060	09 OF 13	D01	053-073-9184

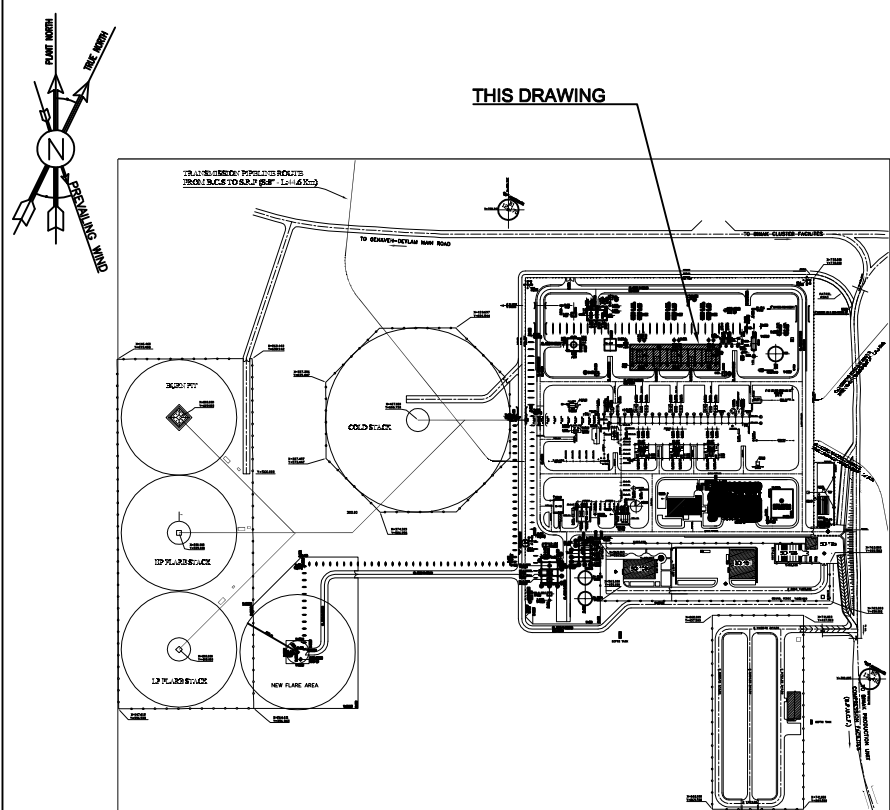
REV.	DESCRIPTION	BY	DATE	BY	DATE
***	*****	** **	*** ****	** **	*** ****
احمل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.		CHECKED		REV. APPR.	
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
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:
SHEET	REVISION	SERIAL NO.	CLASS	SIZE	LOCATION
09	D01	709197	M	4	F

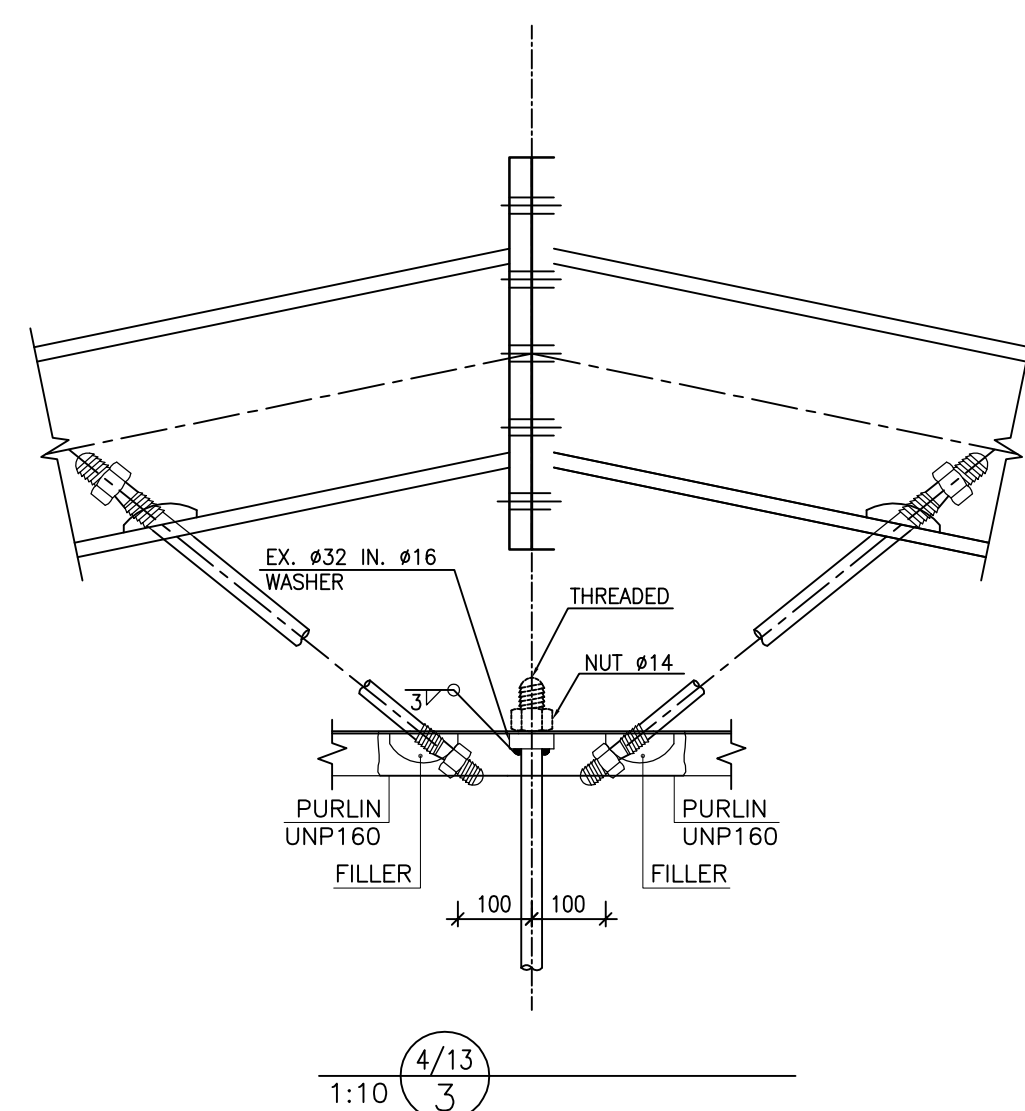
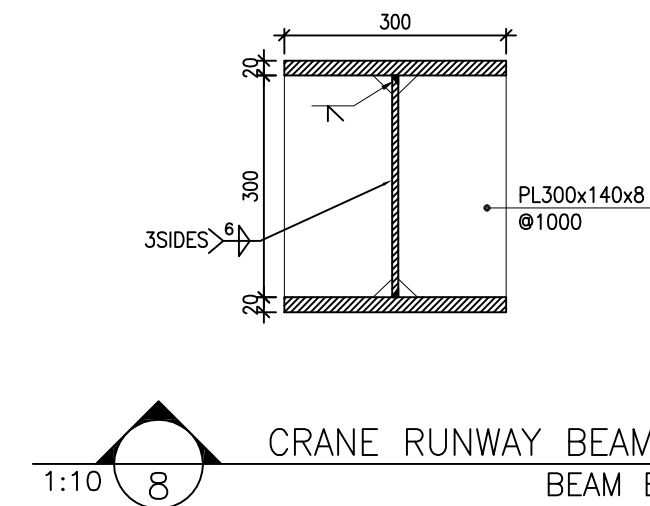
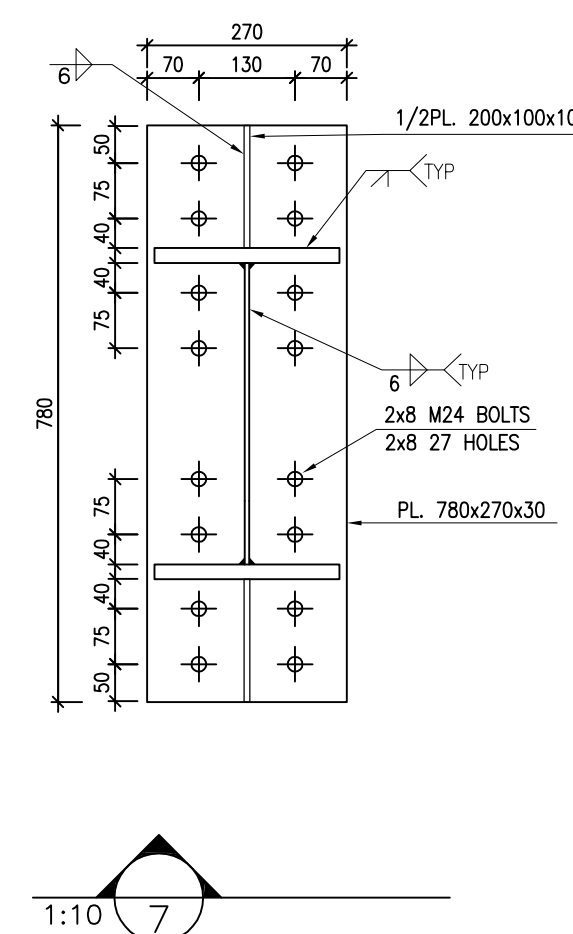


NOTES	
1)	ALL ELEVATIONS AND COORDINATES ARE IN "m" AND DIMENSIONS ARE IN "mm" UNLESS OTHERWISE NOTED.
2)	ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
3)	ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "bk-GNRL-PEDCO-000-ST-SP-0001"28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 MPa(ON 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(ON CYLINDRICAL SPECIMEN)
5)	STRUCTURAL STEEL SHAPE & PLATES SHALL CONFORM TO S235JR WITH MINIMUM YIELD STRESS OF $F_y=2400$ kg/cm.
6)	ALL BOLTS ARE HIGH STRENGTH BOLTS GRADE 8.8 WITH MINIMUM TENSILE STRENGTH OF $F_u=800$ 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 BE CONTINUOUSLY WELDED TO THE WEB.
$\pm 0.00 = +11.20(H.P.P.)$	
LEGEND AND ABBREVIATION	
T.O.F.	TOP OF FOUNDATION
T.O.PED.	TOP OF PEDESTAL
T.O.PAV.	TOP OF PAVING
C.O.ST.	CENTER OF STRUT

REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-AR-DW-0003
GENERAL NOTES- STEEL STRUCTURES	BK-GCS-PEDCO-000-0-ST-DW-0011
TYPICAL DETAILS FOR ANCHOR BOLTS	BK-GCS-PEDCO-000-0-ST-DW-0009
FOUNDATION DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-DW-0052
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-GCS-PEDCO-000-0-ST-DW-0012
SPECIFICATION FOR ERECTION OF STEEL STRUCTURES	BK-GCS-PEDCO-000-0-ST-SP-0005
SPECIFICATION FOR FABRICATION OF STEEL STRUCTURES	BK-GCS-PEDCO-000-0-ST-SP-0003
SPECIFICATION FOR STEEL STRUCTURAL WORK	BK-GCS-PEDCO-000-0-ST-SP-0008
GEO TECHNICAL INVESTIGATION REPORT FOR COMPRESSOR STATION	BK-GCS-PEDCO-120-GT-RT-0001
SPECIFICATION FOR GROUTING	BK-GCS-PEDCO-000-0-ST-SP-0004
SPECIFICATION FOR PAINTING	BK-GCS-PEDCO-000-0-PI-SP-0003
CALCULATION NOTE FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-SC-0006

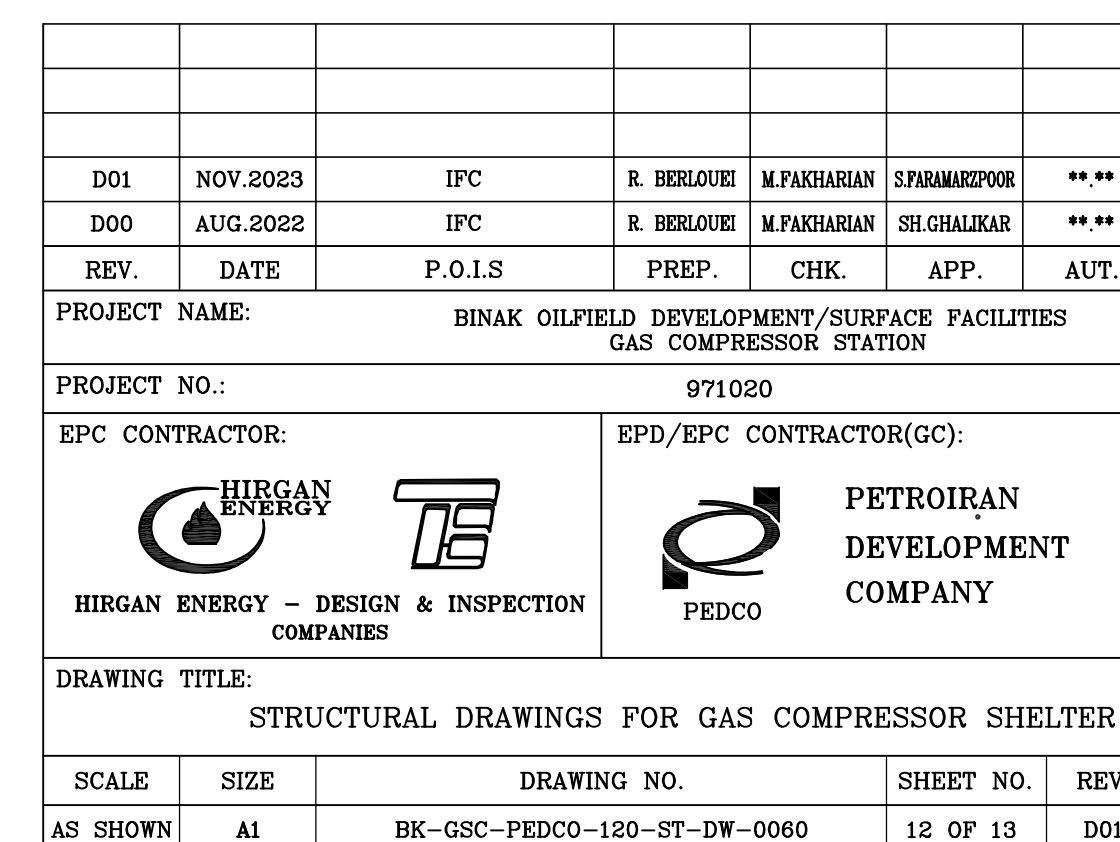
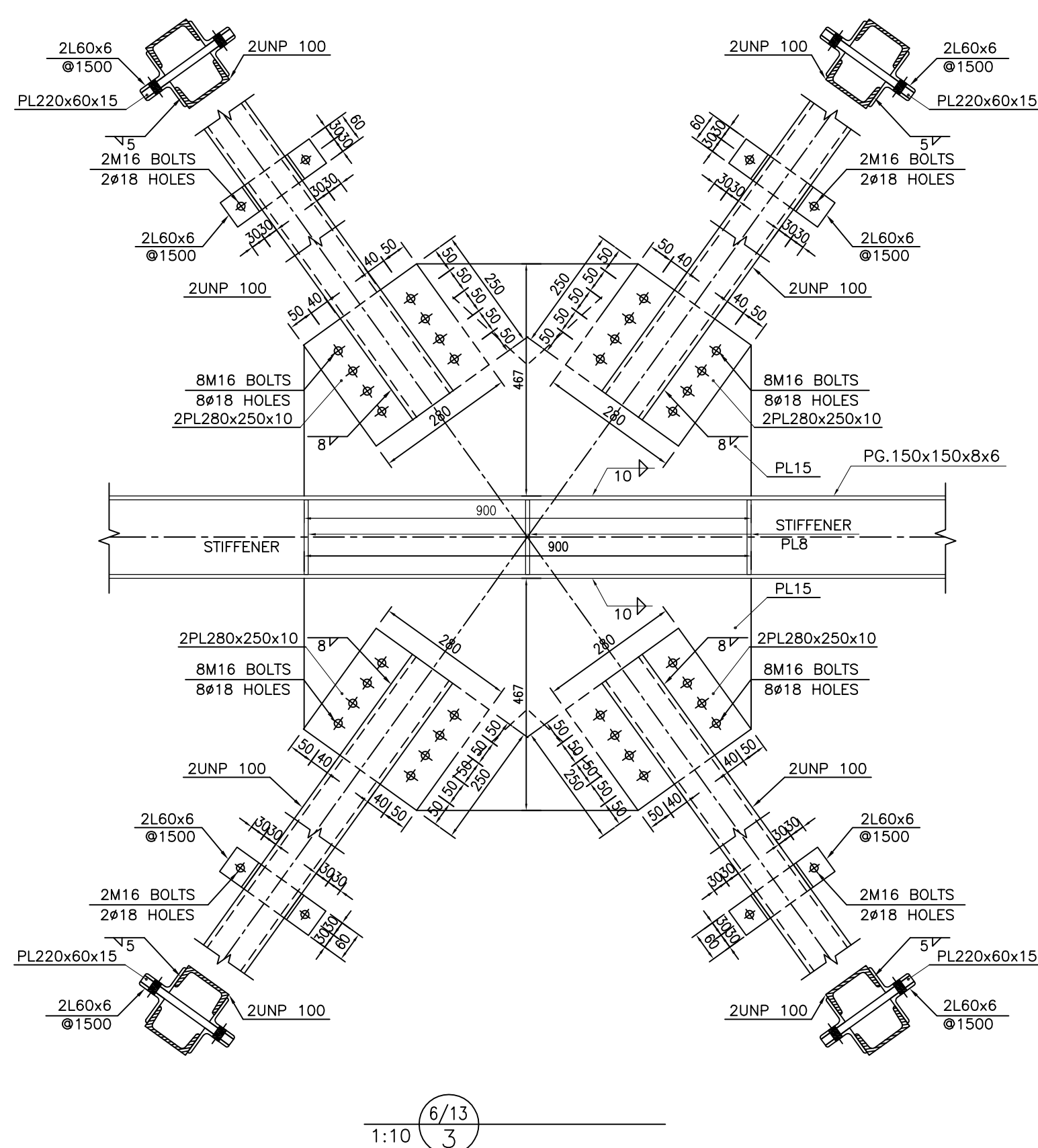
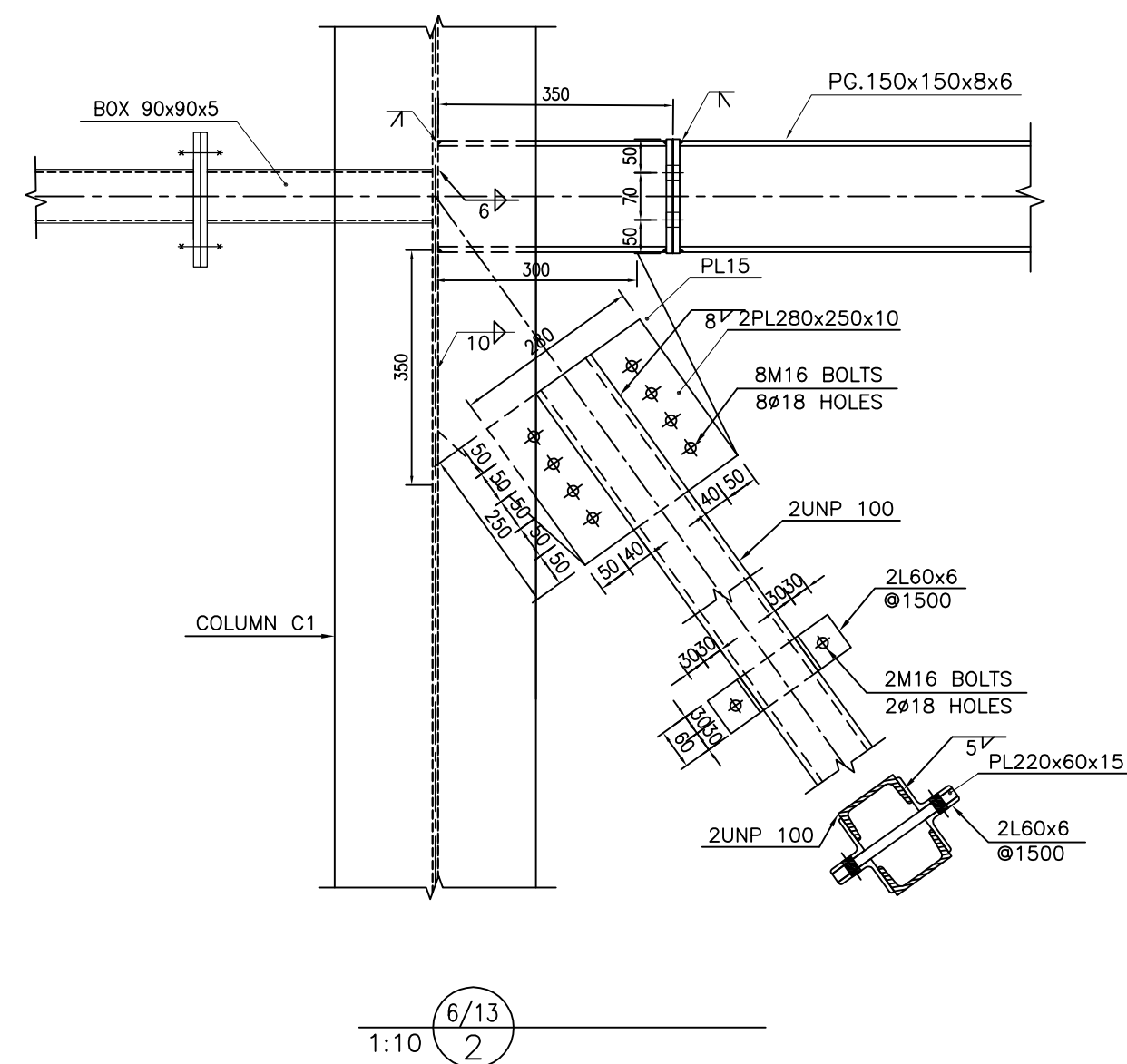
KEY PLAN

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THIS DRAWING

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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) ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001" 28 DAYS CHARACTERISTIC
COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 35 MPa(ON 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(ON CYLINDRICAL SPECIMEN)

5) STRUCTURAL STEEL SHAPE & PLATES SHALL CONFORM TO S235JR
WITH MINIMUM YIELD STRESS OF Fy=24000 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.

±0.00 = +11.20(H.P.P.)

LEGEND AND ABBREVIATION

T.O.F.

TOP OF FOUNDATION

T.O.PED.

TOP OF PEDESTAL

T.O.PAV.

TOP OF PAVING

C.O.ST.

CENTER OF STRUT

REFERENCE DRAWING

DRG. No.

ARCHITECTURAL DRAWING FOR GAS COMPRESSOR SHELTER

BK-GCS-PEDCO-120-AR-DW-0003

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 GAS COMPRESSOR SHELTER

BK-GCS-PEDCO-120-ST-DW-0059

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 GROUING

BK-GNRL-PEDCO-000-ST-SP-0004

SPECIFICATION FOR PAINTING

BK-GNRL-PEDCO-000-PI-SP-0006

CALCULATION NOTE FOR GAS COMPRESSOR SHELTER

BK-GCS-PEDCO-120-ST-CN-0003

KEY PLAN

THIS DRAWING

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REV.

DESCRIPTION

BY

DATE

BY

DATE

CHECKED

REV. APPR.

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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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

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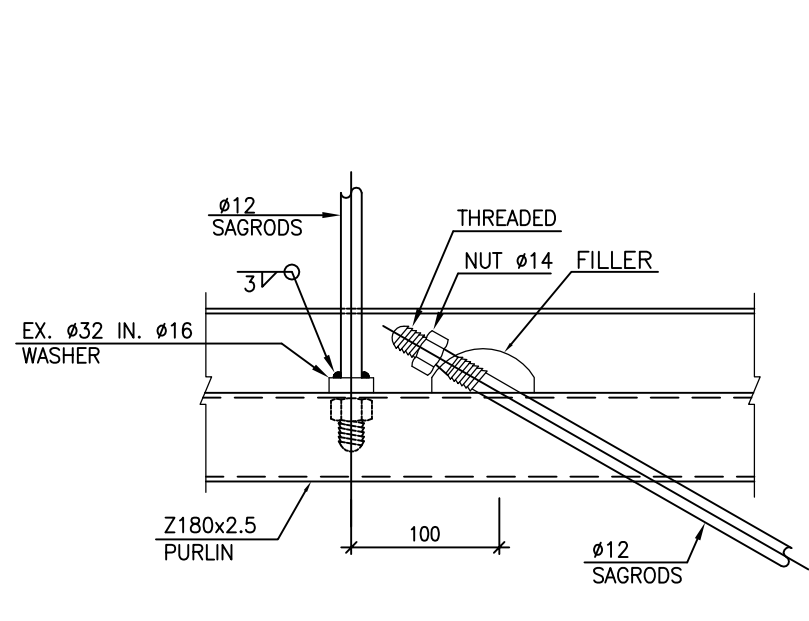
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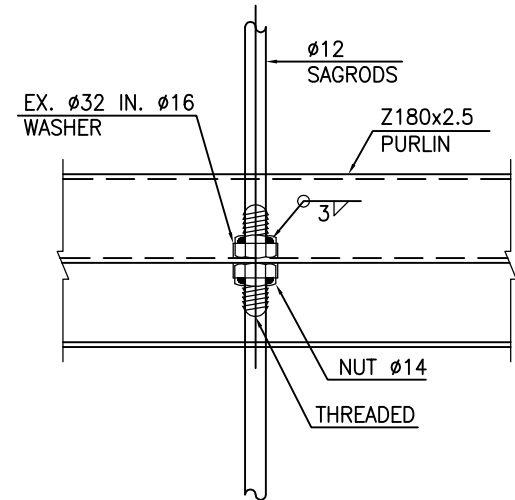
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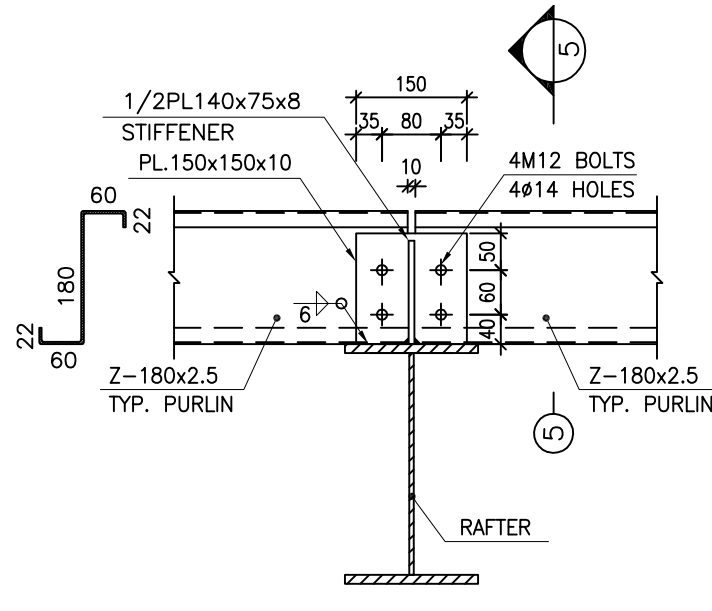
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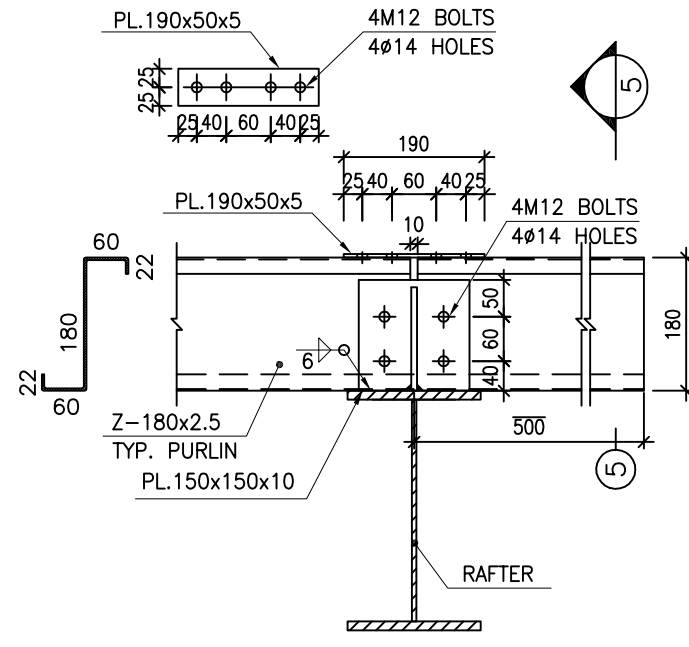
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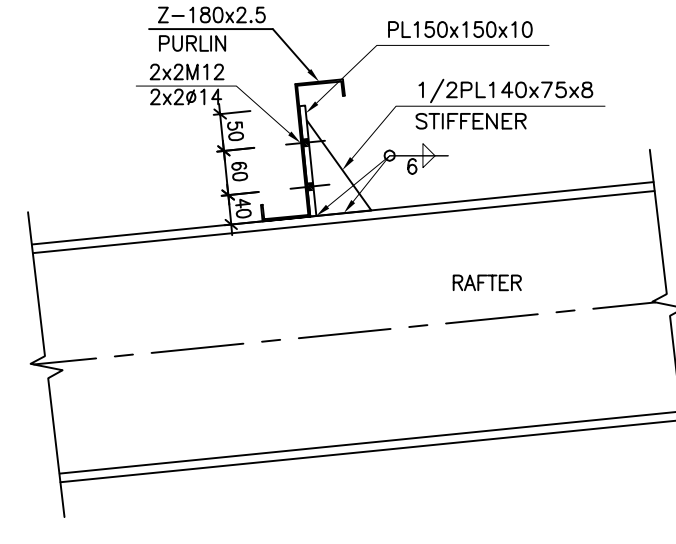
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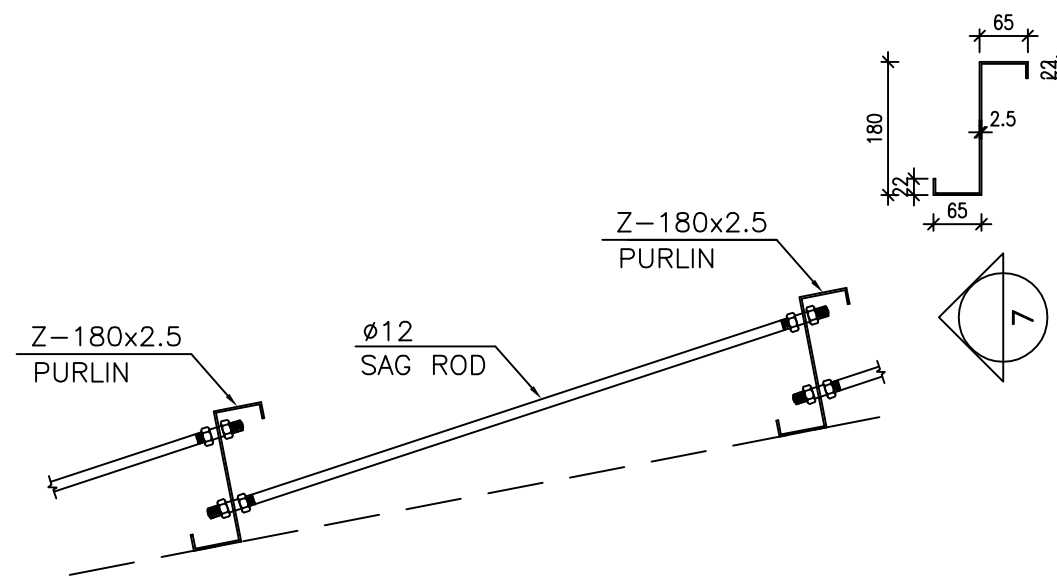
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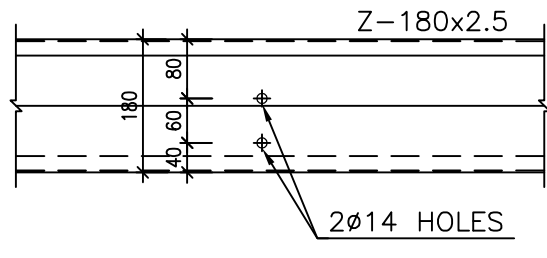
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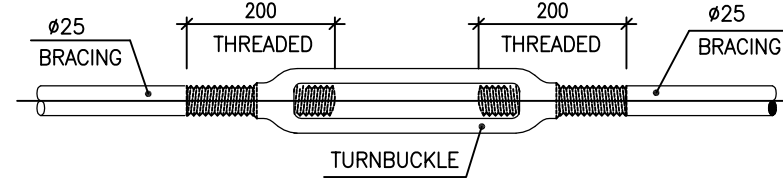
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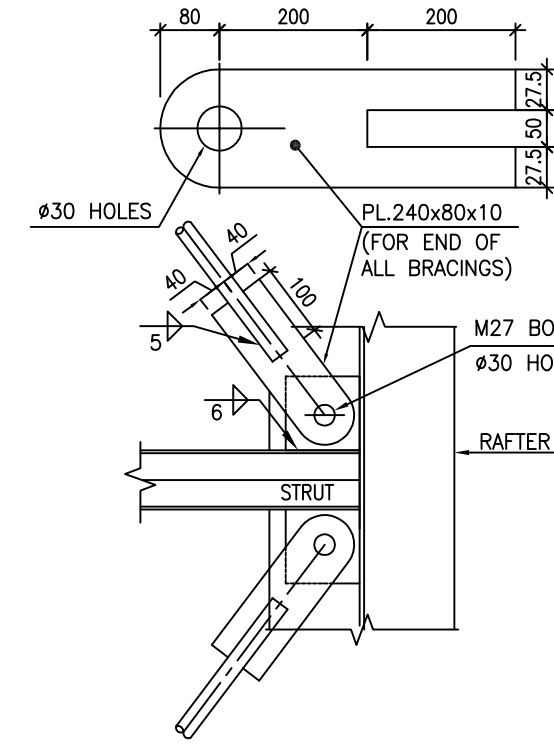
N.T.S.C 6 TYPICAL CONNECTION SAGROD TO PURLIN



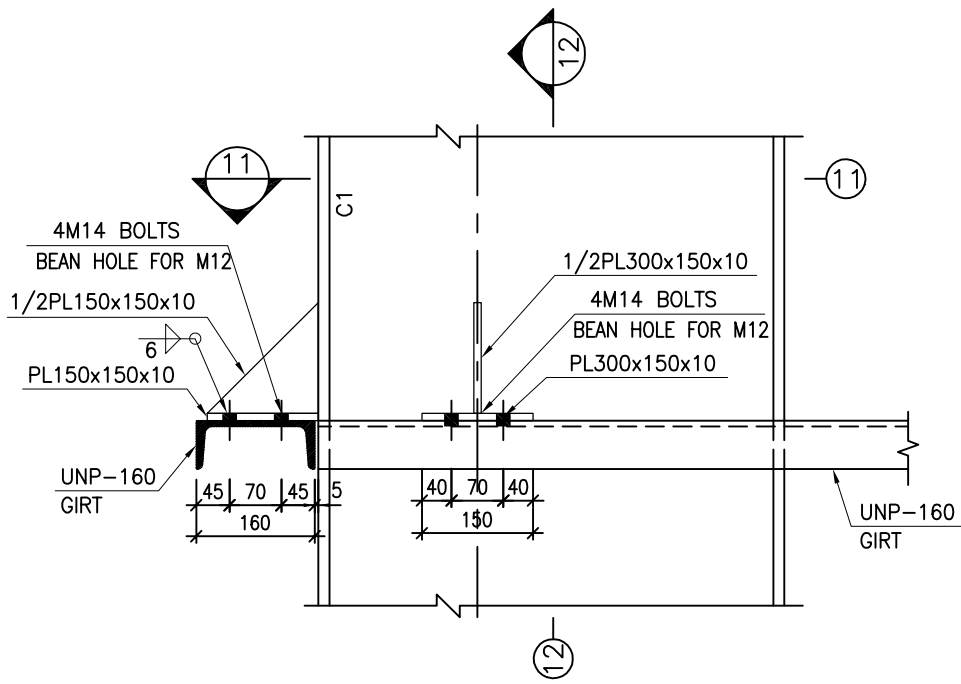
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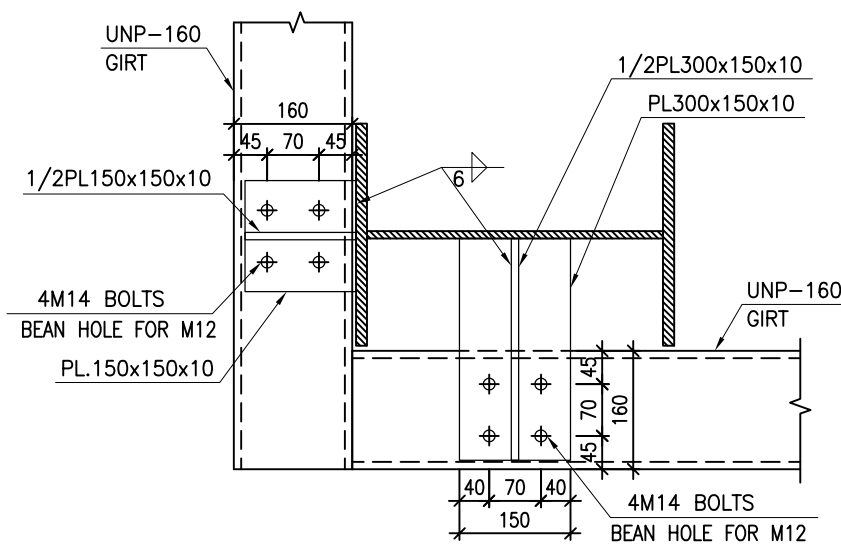
N.T.S. 8 TYP. TURNBUCKLE



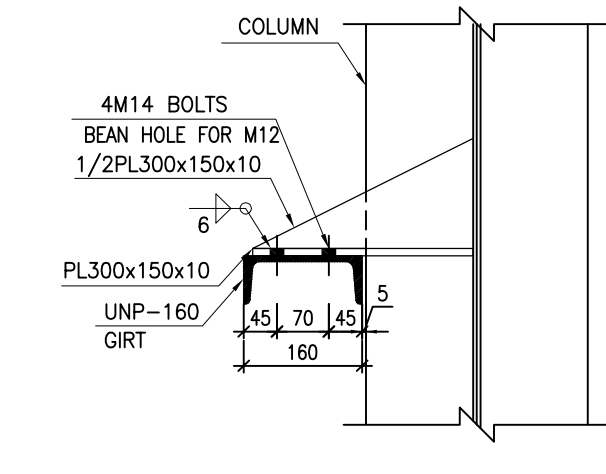
1:10 9 TYP. ROOF BRACINGS CONNECTION



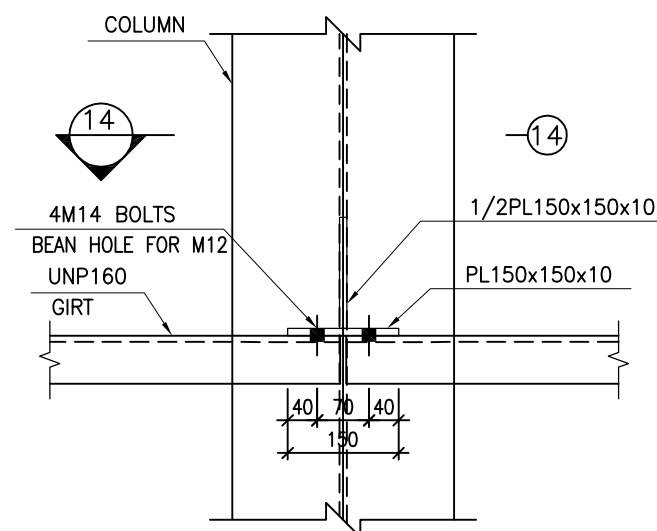
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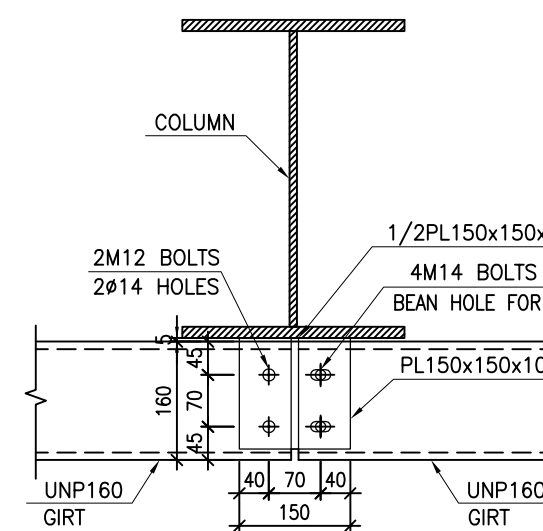
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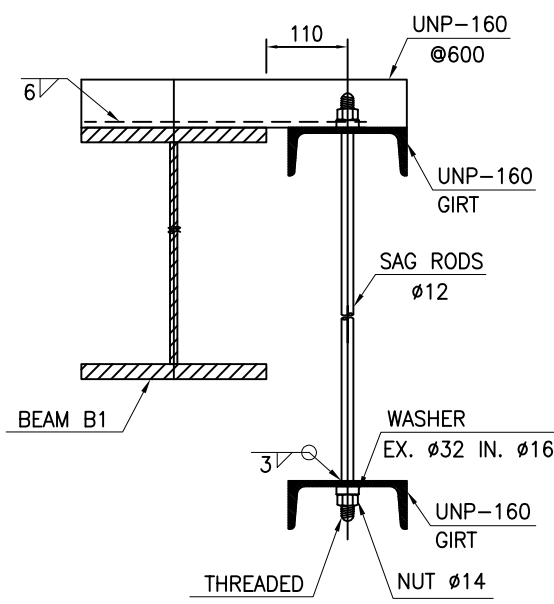
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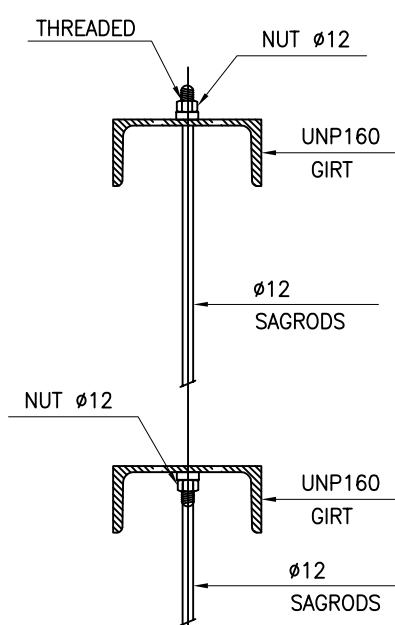
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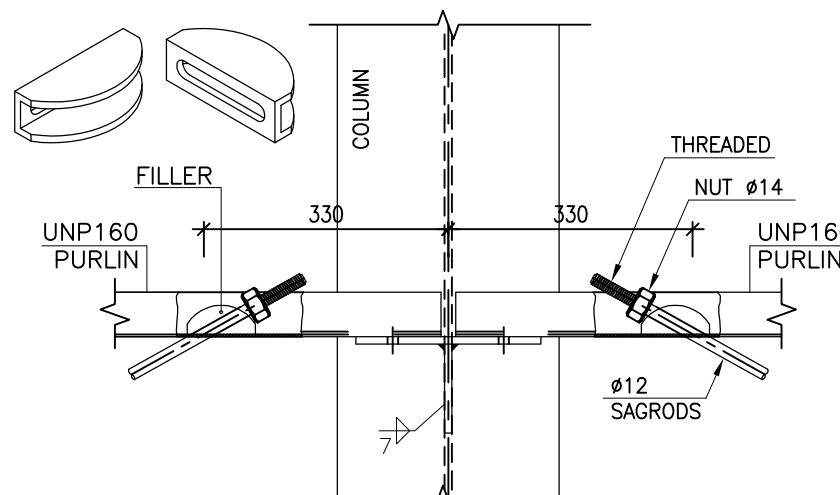
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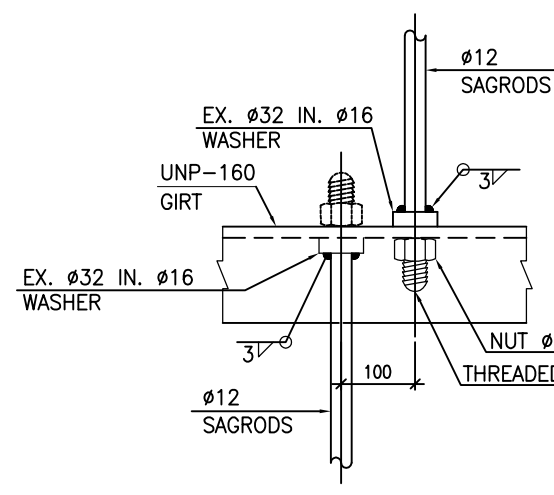
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15



N.T.S. 16 TYP. VIEW OF SAGROD IN GIRT



N.T.S. 17 TYP. SAGROD IN GIRT



N.T.S. 2/8
18 TYP. SAGROD IN GIRT

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$\pm 0.00 = +11.20$ (H.P.P.)

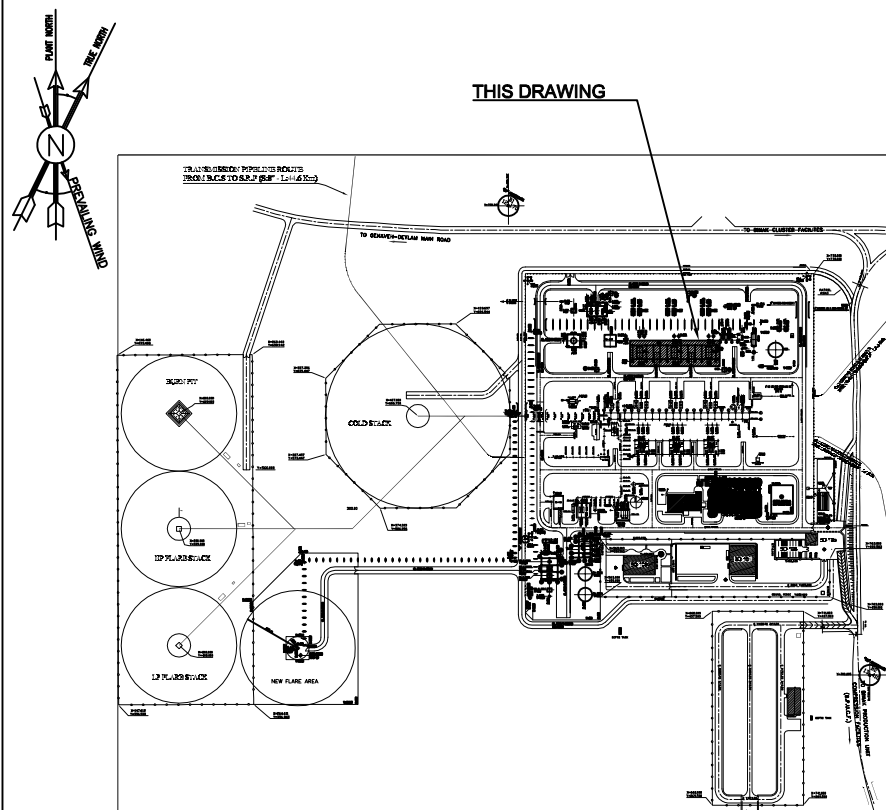
LEGEND AND ABBREVIATION

T.O.F. TOP OF FOUNDATION
T.O.PED. TOP OF PEDESTAL
T.O.PAV. TOP OF PAVING
C.O.ST. CENTER OF STRUT

REFERENCE DRAWING

REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-AR-DW-0003
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 GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-DW-0059
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
CALCULATION NOTE FOR GAS COMPRESSOR SHELTER	BK-GCS-PEDCO-120-ST-CN-0003

KEY PLAN



D01	NOV.2023	IPC	R. BERLOUKI	M.PAKHARIAN	S.PARMARZPOOR
D00	AUG.2022	IPC	R. BERLOUKI	M.PAKHARIAN	SH.GHALIKAR
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.
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 PEDCO		
DRAWING TITLE:					
STRUCTURAL DRAWINGS FOR GAS COMPRESSOR SHELTER					
SCALE		SIZE		DRAWING NO.	
AS SHOWN		A1		BK-GSC-PEDCO-120-ST-DW-0060	
				SHEET NO.	
				13 OF 13	
				REV.	

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.
NOV.2023	1:10	R. BERLOUKI	M.PAKHARIAN	S.PARMARZPOOR
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED				
APPROVED FOR CONSTRUCTION		BY:	DATE:	
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-GSC-PEDCO-120-ST-DW-0060	13 OF 13	D01