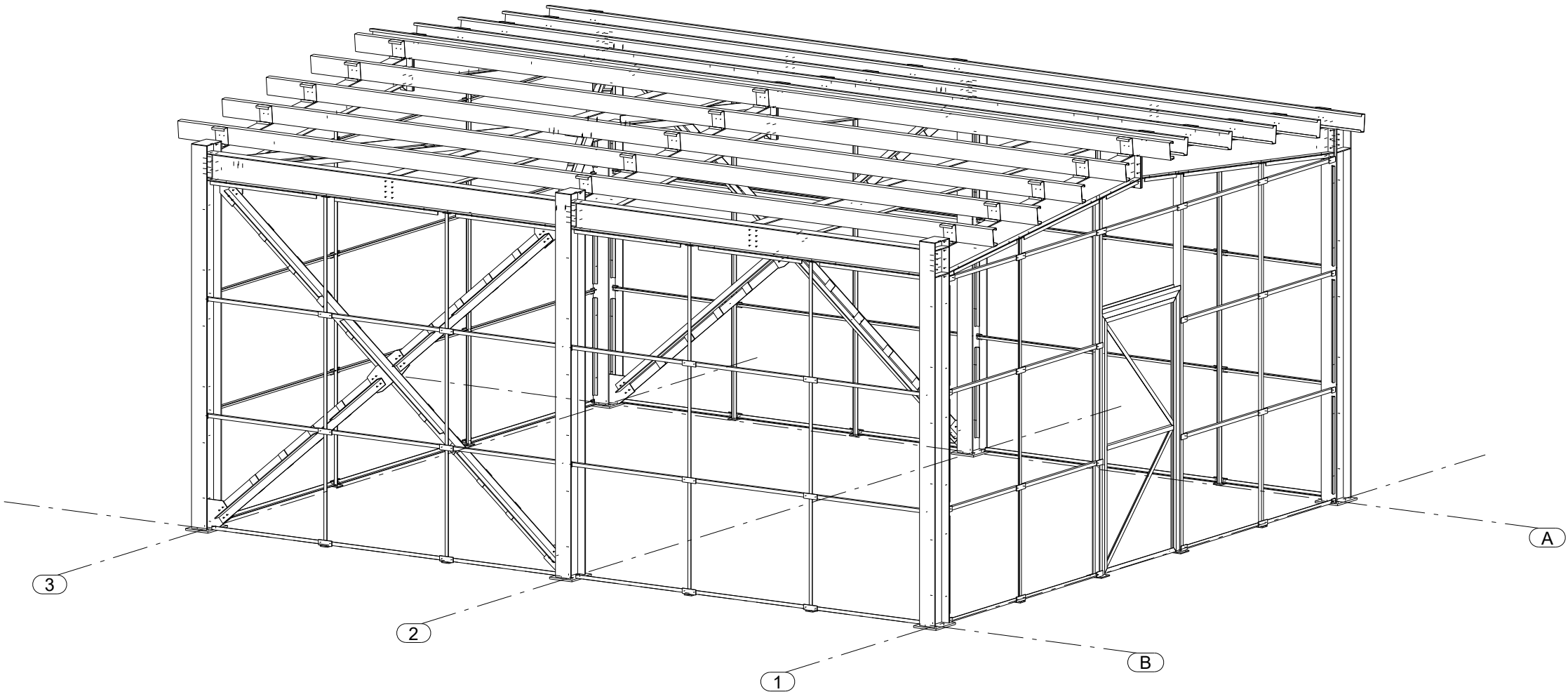


NOTE :-

1. ALL DIMENSIONS ARE GIVEN IN MILLIMETERS.
2. ALL PLANT CO-ORDINATES AND ELEVATIONS ARE IN METER
3. ALL FIELD WELD SHALL BE MIN 6MM FILLET WELD(UNO) AND MINIMUM LENGTH OF WELD SHOULD BE 150MM
4. BOLT TIGHTENING METHOD
a) PART TURN METHOD OR CALIBRATED WRENCH PRETENSIONING
b) TENSIONING BY USE OF A DIRECT TENSION INDICATING DEVICE.
5. BOLT ASSEMBLY
a) a) PRIMARY STRUCTURAL BOLTS ASTM 325 HIGH STRENGTH BOLT
1 BOLT + 1 WASHER + 1 NUT
b) SECONDARY STRUCTURAL BOLTS ASTM 325 BOLT= 1 BOLT + 1 WASHER + 1 NUT
6. 18 DIA HOLES FOR 18 DIA ERECTION BOLTS ARE TO BE USED.
7. ALL STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36.
8. ALL STRUCTURAL STEEL SHALL BE GALVANIZED OR PAINTED WITH A ZINC RICH PRIMER, EPOXY MID COAT AND POLYURETHANE TOP COAT AS PER SABIC STANDARDS.

LEGENDS :-

- ☑ DENOTE ERECTION / ORIENTATION MARK
⊗→ INCOMING MEMBER ERECTION SIDE
(T.O.S) TOP OF STEEL
(T.O.C) TOP OF CONCRETE
(B.O.B.P.) BOTTOM OF BASE PLATE
(U.N.O.) UNLESS NOTED OTHERWISE
(F.S.) FIELD SPLICE
W.P. WORK POINT
C.L. CENTER LINE

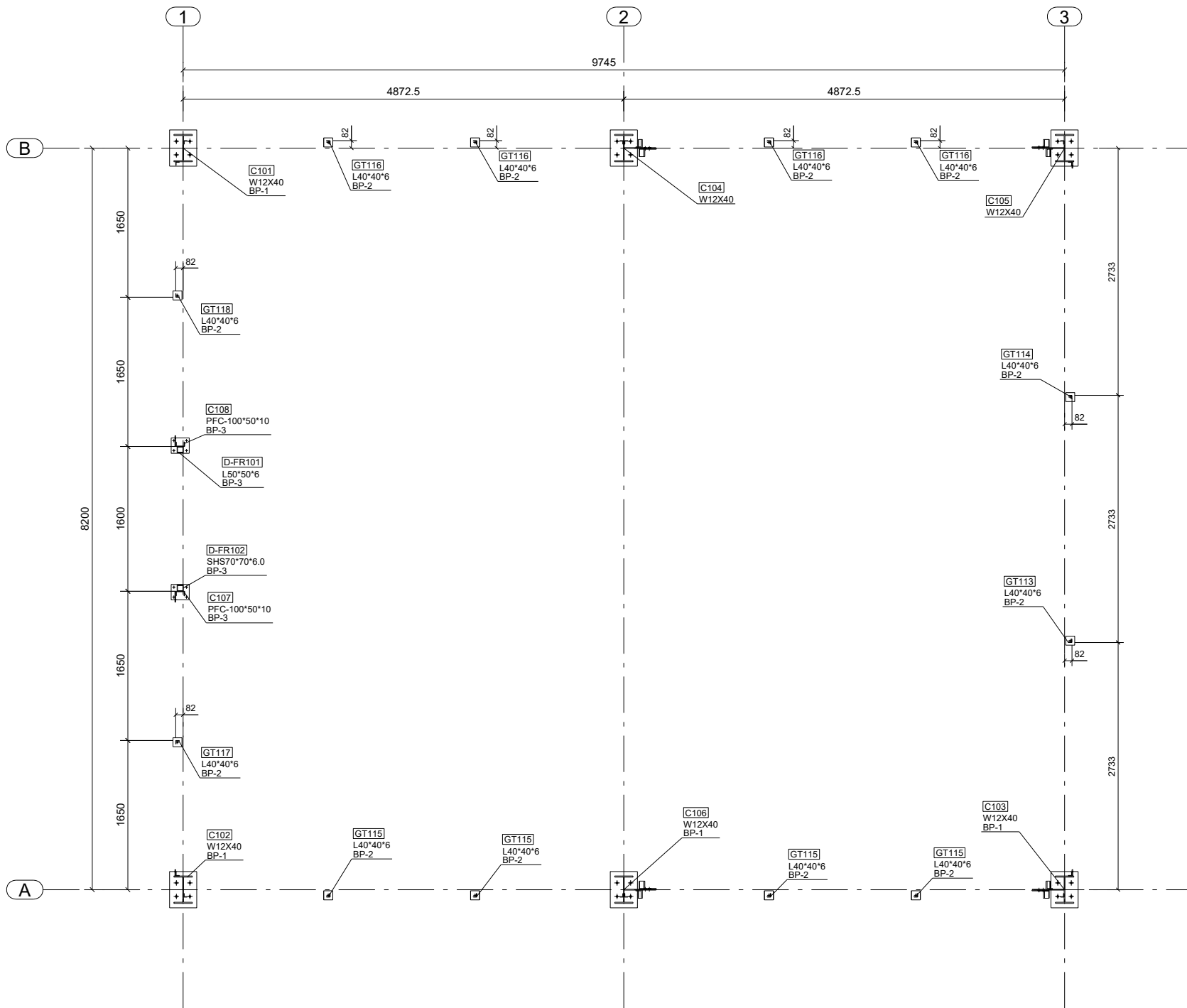


ISOMETRIC VIEW

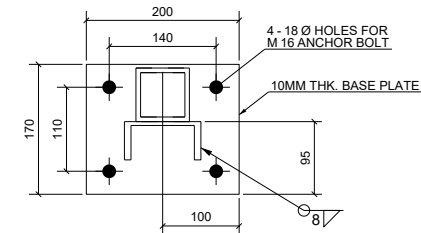
ISSUED FOR CLIENT APPROVAL

SCALE	NTS	NAME	SIGN.	DATE	CLIENT
MATERIAL	CS	DRAWN BY	S.B	12.09.2019	SABIC
MASS	N/A	REVIEWED BY			PROJECT
		CLIENT APPROVAL			YANPET EXPANSION PROJECT
TITLE					SUPPLIER
POWER FACTOR IMPROVEMENT AT YANPET					POWER TECH. for METAL FABRICATIONS (PT-STEEL)
ISOMETRIC VIEW					ISO 9001 Certified P.O. BOX: 11883, AL-JUBAIL 31961, KINGDOM OF SAUDI ARABIA TEL: +966 13 341 0300 FAX: +966 13 342 1050 EMAIL: info@pt-steel.com ENGINEERING, PROCUREMENT AND CONSTRUCTION SERVICES
This design/drawing belongs to PT-STEEL and must not be disclosed to any third party without any written permission.					DRAWING NO. PTS-HSO-1269-E001
					PROJECTION
					REV R3
					SHEET 1 OF 1

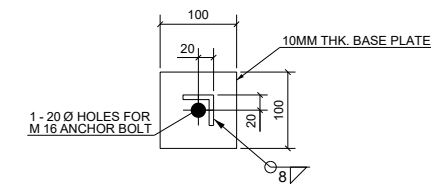
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R2	ISSUED FOR APPROVAL	19.03.2019	S.B		-
R1	ISSUED FOR APPROVAL	09.03.2018	S.B		-
R0	ISSUED FOR APPROVAL	17.11.2018	S.B		-
REV	DESCRIPTION	DATE	DRAWN	CHECK	-



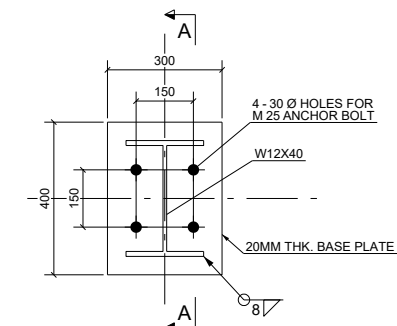
PLAN AT BASE PLATE LVL.+0.00 (B.O.BP)



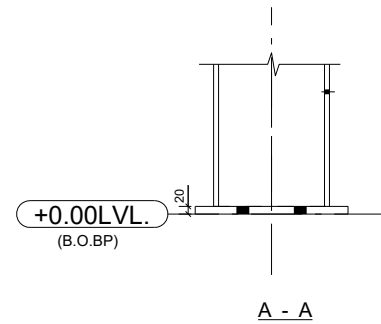
DETAILS OF BASE PLATE(BP-3)



DETAILS OF BASE PLATE(BP-2)



DETAILS OF BASE PLATE(BP-1)





NOTE :-

1. ALL DIMENSIONS ARE GIVEN IN MILLIMETERS.
2. ALL PLANT CO-ORDINATES AND ELEVATIONS ARE IN METER
3. ALL FIELD WELD SHALL BE MIN 6MM FILLET WELD(UNO) AND MINIMUM LENGTH OF WELD SHOULD BE 150MM
4. BOLT TIGHTENING METHOD
 - a) PART TURN METHOD OR CALIBRATED WRENCH PRETENSIONING
 - b) TENSIONING BY USE OF A DIRECT TENSION INDICATING DEVICE.
5. BOLT ASSEMBLY
 - a) PRIMARY STRUCTURAL BOLTS ASTM 325 HIGH STRENGTH BOLT
1 BOLT + 1 WASHER + 1 NUT
 - b) SECONDARY STRUCTURAL BOLTS ASTM 325 BOLT=
1 BOLT + 1 WASHER + 1 NUT
6. 18 DIA HOLES FOR 18 DIA ERECTION BOLTS ARE TO BE USED.
7. ALL STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36.
8. ALL STRUCTURAL STEEL SHALL BE GALVANIZED OR PAINTED WITH A ZINC RICH PRIMER, EPOXY MID COAT AND POLYURETHANE TOP COAT AS PER SABIC STANDARDS.

LEGENDS :-



- ⬇ DENOTE ERECTION / ORIENTATION MARK
- ⊗→ INCOMING MEMBER ERECTION SIDE
- (T.O.S) TOP OF STEEL
- (T.O.C) TOP OF CONCRETE
- (B.O.B.P.) BOTTOM OF BASE PLATE
- (U.N.O.) UNLESS NOTED OTHERWISE
- (F.S.) FIELD SPICE
- W.P. WORK POINT
- CL CENTER LINE

ISSUED FOR CLIENT APPROVAL									
SCALE	NTS		NAME	SIGN.	DATE	CLIENT SABIC			
MATERIAL	CS	DRAWN BY	S.B		12.09.2019	PROJECT			
		REVIEWED BY				YANPET EXPANSION PROJECT			
MASS	N/A	CLIENT APPROVAL				SUPPLIER			
TITLE POWER FACTOR IMPROVEMENT AT YANPET PLAN AT BASE PLATE LVL.+0.00 (B.O.BP)						 <div>POWER TECH. for METAL FABRICATIONS (PT-STEEL) ISO 9001 Certified P.O. BOX: 11993, AL-JUBAIL, 31961, KINGDOM OF SAUDI ARABIA TEL: +966 13 241 0300 FAX: +966 13 242 1550 EMAIL: info@pt-steel.com ENGINEERING, PROCUREMENT AND CONSTRUCTION SERVICES</div>			
						DRAWING NO. PTS-HSO-1269-E002		PROJECTION 	
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REV	DESCRIPTION	DATE	DRAWN	CHECK	
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R2	ISSUED FOR APPROVAL	19.03.2019	S.B		-
R1	ISSUED FOR APPROVAL	09.03.2019	S.B		-
R0	ISSUED FOR APPROVAL	17.11.2018	S.B		-



R3	ISSUED FOR APPROVAL	12.09.2019	S.B		-
R2	ISSUED FOR APPROVAL	19.03.2019	S.B		-
R1	ISSUED FOR APPROVAL	09.03.2019	S.B		-
R0	ISSUED FOR APPROVAL	17.11.2018	S.B		-
REV	DESCRIPTION	DATE	DRAWN	CHECK	-

ISSUED FOR CLIENT APPROVAL							
SCALE	NTS		NAME	SIGN.	DATE	CLIENT SABIC	
MATERIAL	CS	DRAWN BY	S.B		12.09.2019		
		REVIEWED BY					
MASS	N/A	CLIENT APPROVAL				PROJECT YANPET EXPANSION PROJECT	
TITLE POWER FACTOR IMPROVEMENT AT YANPET ROOF PLAN & ELEVATIONS ON GRID 1,2 & 3						SUPPLIER <div><div>POWER TECH. for METAL FABRICATIONS (PT-STEEL) 180-1901 Central P.O. BOX: 11983, AL-JUBAIL 31951, KINGDOM OF SAUDI ARABIA TEL +966 13 341 0300 FAX +966 13 342 1050 EMAIL info@pt-steel.com ENGINEERING, PROCUREMENT AND CONSTRUCTION SERVICES</div></div>	
						DRAWING NO. PTS-HSO-1269-E003	PROJECTION <div></div>
This design/drawing belongs to PT-STEEL and must not be disclosed to any third party without any written permission.						REV R3	SHEET 1 OF 1

1. ALL DIMENSIONS ARE GIVEN IN MILLIMETERS.
2. ALL PLANT CO-ORDINATES AND ELEVATIONS ARE IN METER
3. ALL FIELD WELD SHALL BE MIN 6MM FILLET WELD(UNO) AND MINIMUM LENGTH OF WELD SHOULD BE 150MM
4. BOLT TIGHTENING METHOD
 - a) PART TURN METHOD OR CALIBRATED WRENCH PRETENSIONING
 - b) TENSIONING BY USE OF A DIRECT TENSION INDICATING DEVICE.
5. BOLT ASSEMBLY
 - a) a) PRIMARY STRUCTURAL BOLTS ASTM 325 HIGH STRENGTH BOLT
1 BOLT + 1 WASHER + 1 NUT
 - b) SECONDARY STRUCTURAL BOLTS ASTM 325 BOLT=
1 BOLT + 1 WASHER + 1 NUT
6. 18 DIA HOLES FOR 16 DIA ERECTION BOLTS ARE TO BE USED.
7. ALL STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36.
8. ALL STRUCTURAL STEEL SHALL BE GALVANIZED OR PAINTED WITH A ZINC RICH PRIMER, EPOXY MID COAT AND POLYURETHANE TOP COAT AS PER SABC STANDARDS.

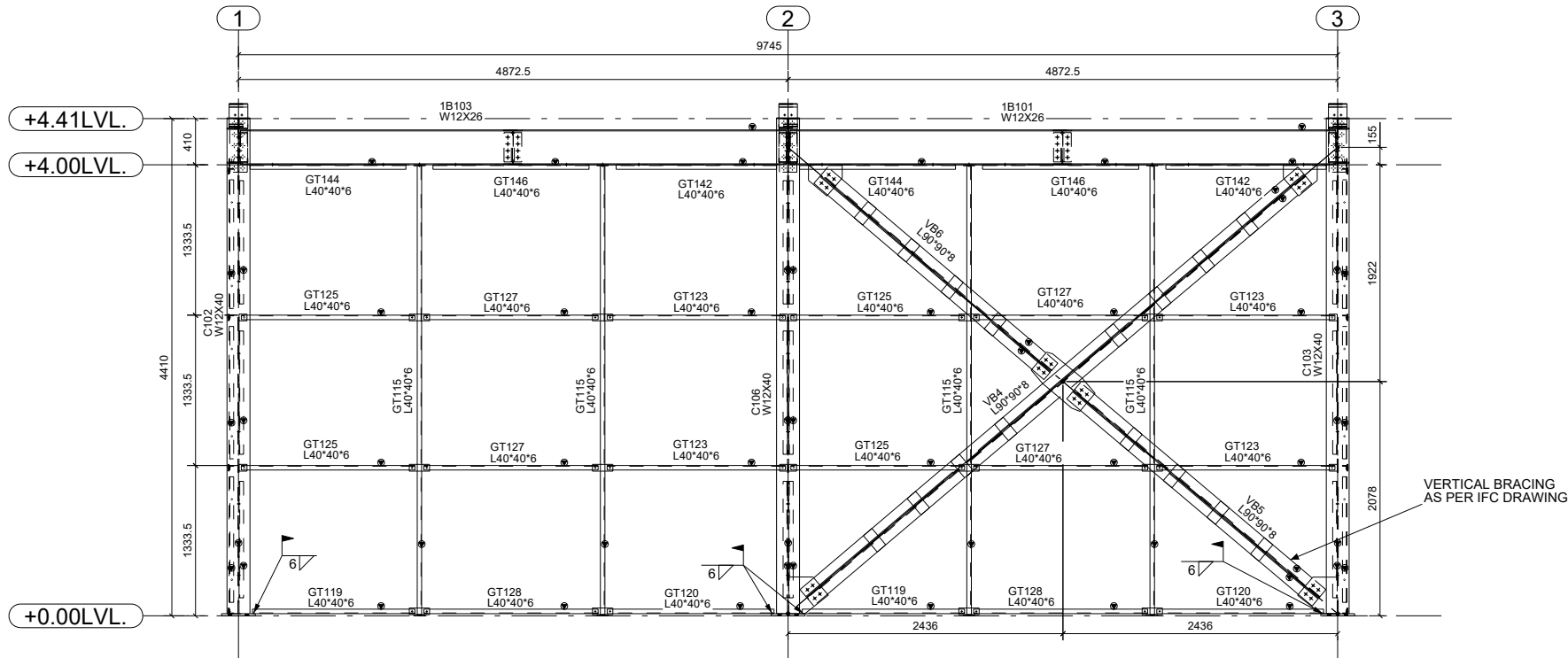
	DENOTE ERECTION / ORIENTATION MARK
	INCOMING MEMBER ERECTION SIDE
(T.O.S)	TOP OF STEEL
(T.O.C)	TOP OF CONCRETE
(B.O.B.P.)	BOTTOM OF BASE PLATE
(U.N.O.)	UNLESS NOTED OTHERWISE
(F.S.)	FIELD SPLICE
W.P.	WORK POINT
C.L	CENTER LINE

ISSUED FOR CLIENT APPROVAL

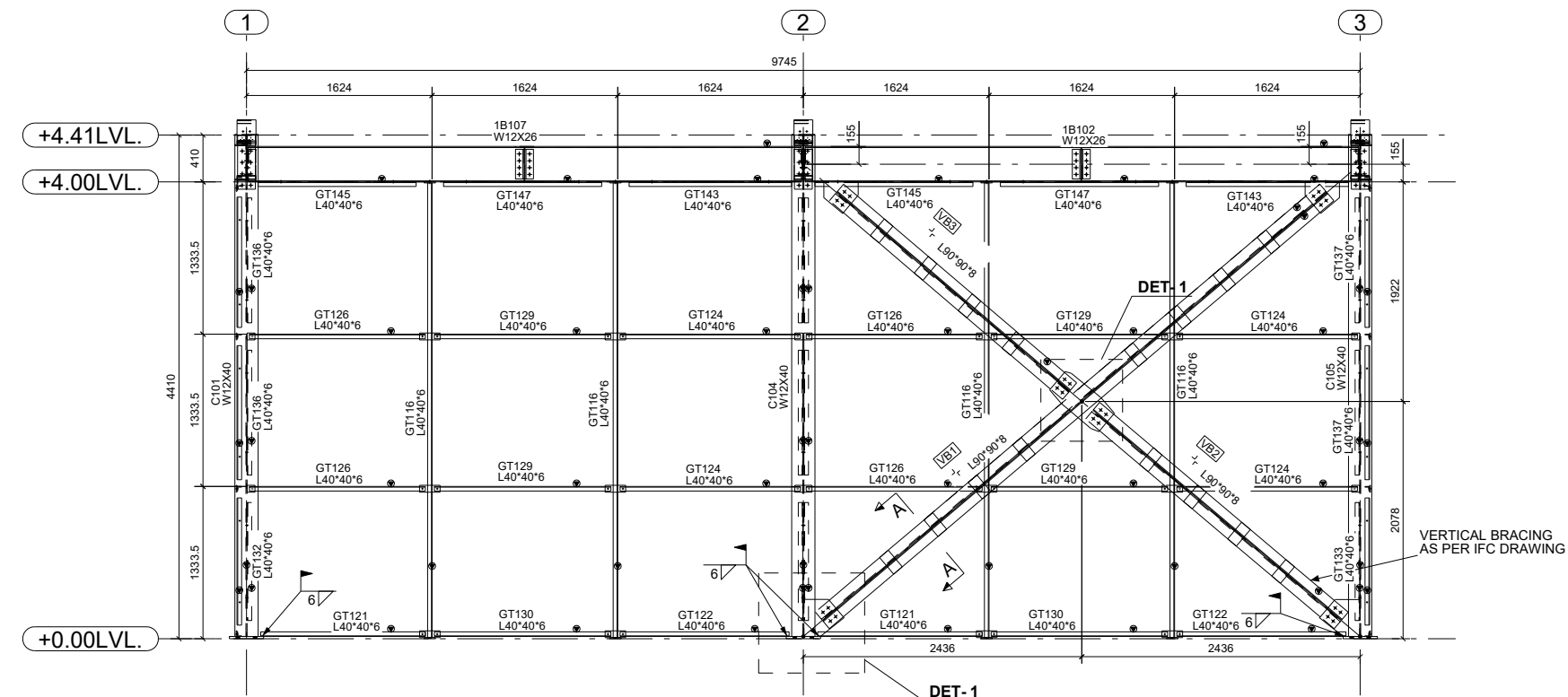
SCALE	NTS		NAME	SIGN.	DATE
MATERIAL	CS	DRAWN BY	S.B		12.09.2019
		REVIEWED BY			
MASS	N/A	CLIENT APPROVAL			

TITLE POWER FACTOR IMPROVEMENT AT YANPET
ROOF PLAN & ELEVATIONS ON GRID 1,2 & 3

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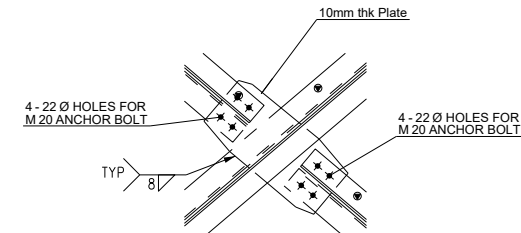
ELEVATION ON GRID A



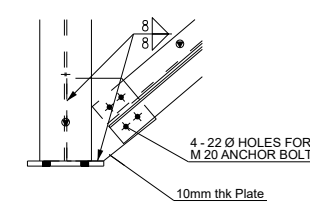
ELEVATION ON GRID B

- NOTE :-**
1. ALL DIMENSIONS ARE GIVEN IN MILLIMETERS.
 2. ALL PLANT CO-ORDINATES AND ELEVATIONS ARE IN METER
 3. ALL FIELD WELD SHALL BE MIN 6MM FILLET WELD(UNO) AND MINIMUM LENGTH OF WELD SHOULD BE 150MM
 4. BOLT TIGHTENING METHOD
 - a) PART TURN METHOD OR CALIBRATED WRENCH PRETENSIONING
 - b) TENSIONING BY USE OF A DIRECT TENSION INDICATING DEVICE.
 5. BOLT ASSEMBLY
 - a) PRIMARY STRUCTURAL BOLTS ASTM 325 HIGH STRENGTH BOLT
1 BOLT + 1 WASHER + 1 NUT
 - b) SECONDARY STRUCTURAL BOLTS ASTM 325 BOLT=
1 BOLT + 1 WASHER + 1 NUT
 6. 18 DIA HOLES FOR 16 DIA ERECTION BOLTS ARE TO BE USED.
 7. ALL STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36.
 8. ALL STRUCTURAL STEEL SHALL BE GALVANIZED OR PAINTED WITH A ZINC RICH PRIMER, EPOXY MID COAT AND POLYURETHANE TOP COAT AS PER SABIC STANDARDS.

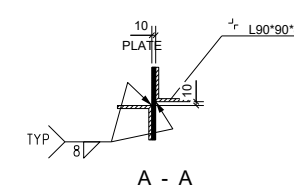
- LEGENDS :-**
- ⬇ DENOTE ERECTION / ORIENTATION MARK
 - ⊗→ INCOMING MEMBER ERECTION SIDE
 - (T.O.S) TOP OF STEEL
 - (T.O.C) TOP OF CONCRETE
 - (B.O.B.P.) BOTTOM OF BASE PLATE
 - (U.N.O.) UNLESS NOTED OTHERWISE
 - (F.S.) FIELD SPICE
 - W.P. WORK POINT
 - CL CENTER LINE



DETAIL 1



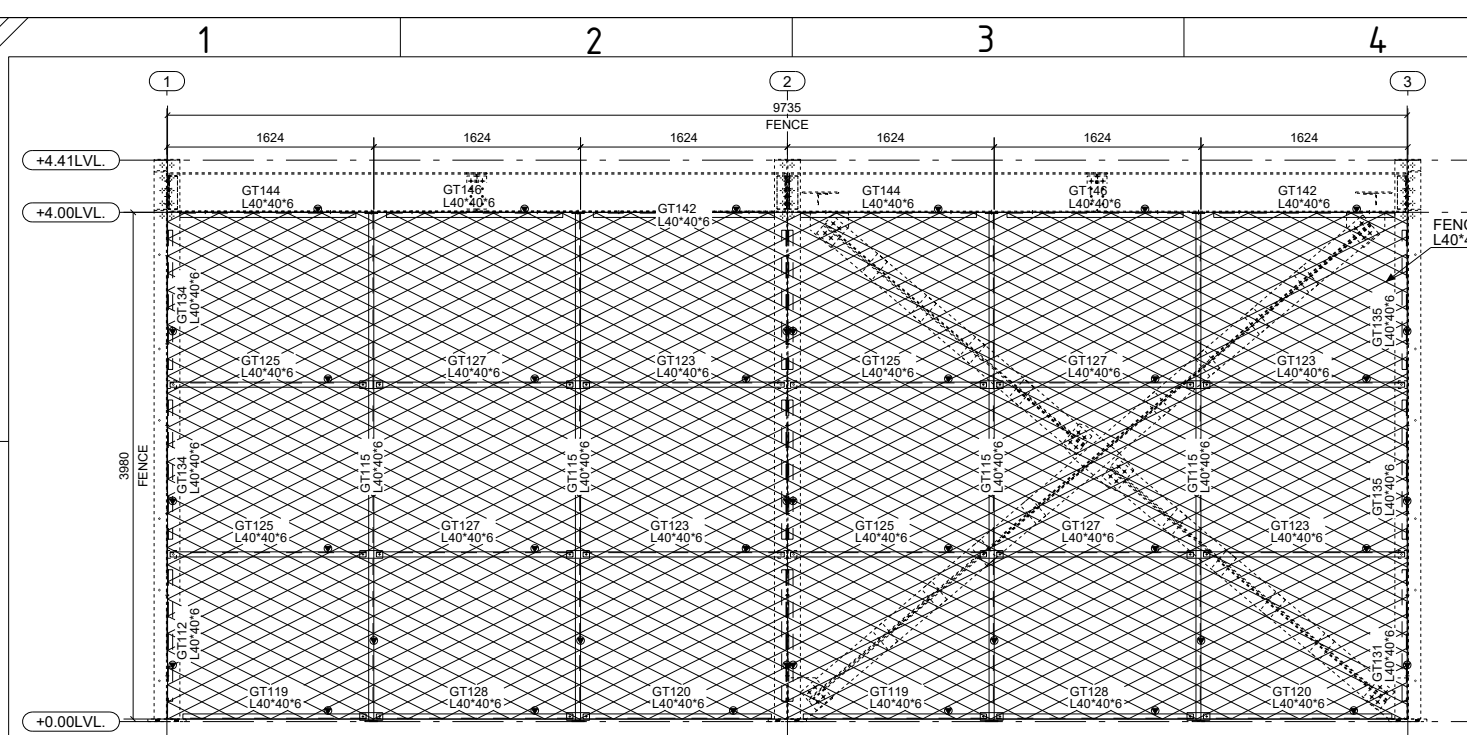
DETAIL 1



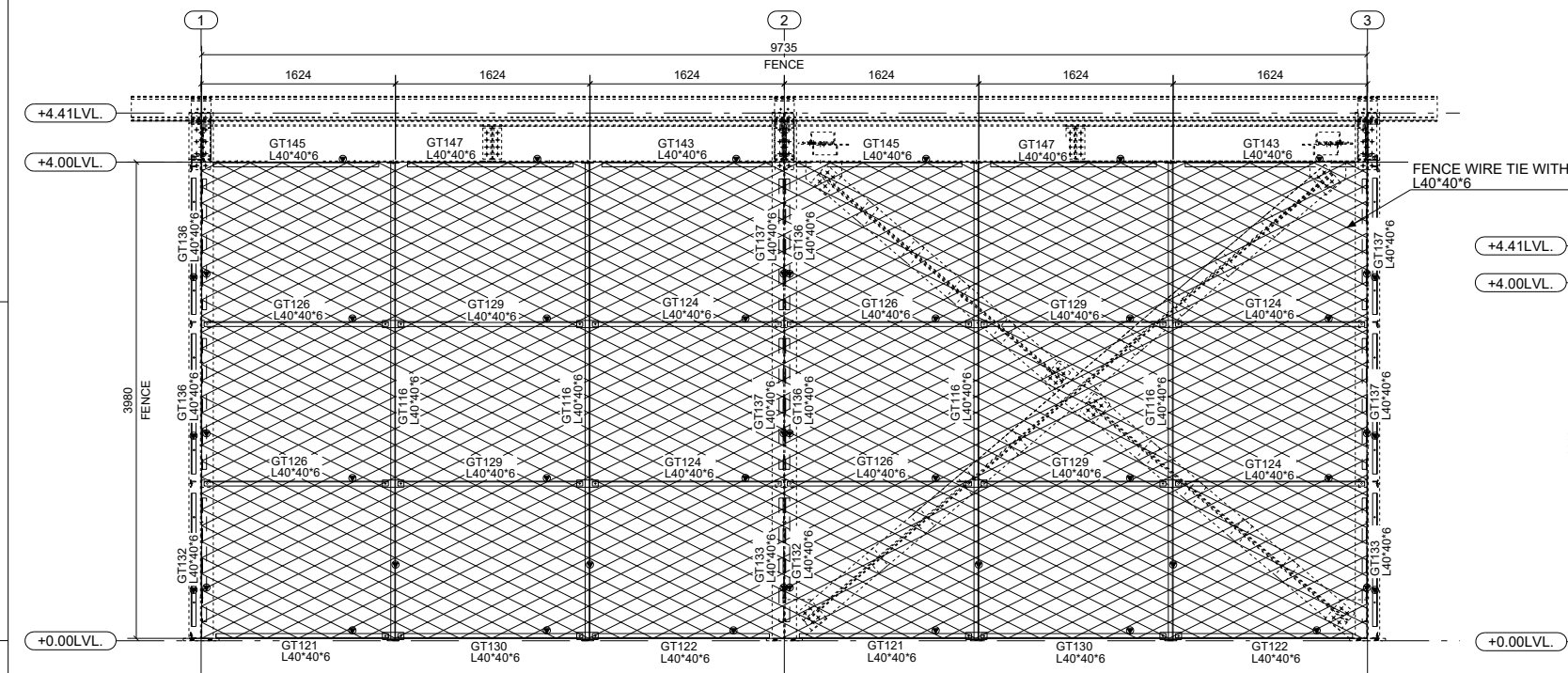
A - A

R3	ISSUED FOR APPROVAL	12.09.2019	S.B		-
R2	ISSUED FOR APPROVAL	19.03.2019	S.B		-
R1	ISSUED FOR APPROVAL	09.03.2019	S.B		-
R0	ISSUED FOR APPROVAL	17.11.2018	S.B		-
REV	DESCRIPTION	DATE	DRAWN	CHECK	-

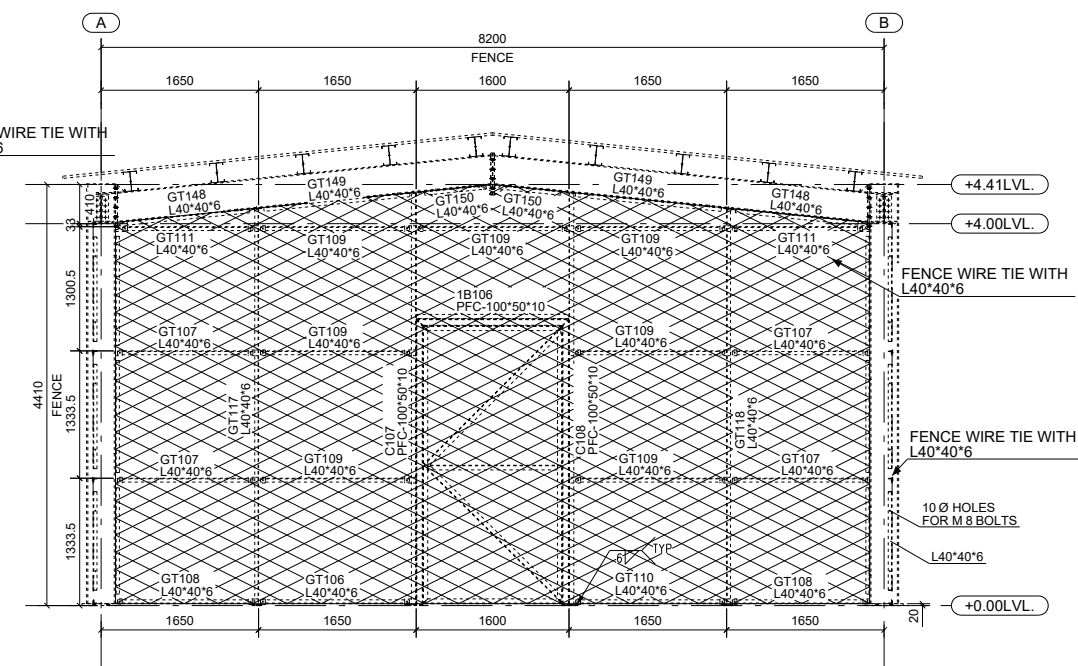
ISSUED FOR CLIENT APPROVAL						
SCALE	NTS	NAME	SIGN.	DATE	CLIENT SABIC	
MATERIAL	CS	DRAWN BY	S.B	12.09.2019	PROJECT YANPET EXPANSION PROJECT	
		REVIEWED BY			SUPPLIER PT-STEEL POWER TECH. for METAL FABRICATIONS (PT-STEEL) ISO 9001 Certified P.O. BOX: 11893, AL JUBAIL, 31951, KINGDOM OF SAUDI ARABIA TEL: +966 13 341 0300 FAX: +966 13 342 1050 EMAIL: info@pt-steel.com ENGINEERING, PROCUREMENT AND CONSTRUCTION SERVICES	
MASS	N/A	CLIENT APPROVAL			DRAWING NO. PTS-HSO-1269-E004	PROJECTION
TITLE POWER FACTOR IMPROVEMENT AT YANPET ELEVATION ON GRID A & B		This design/drawing belongs to PT-STEEL and must not be disclosed to any third party without any written permission.			REV R3	SHEET 1 OF 1



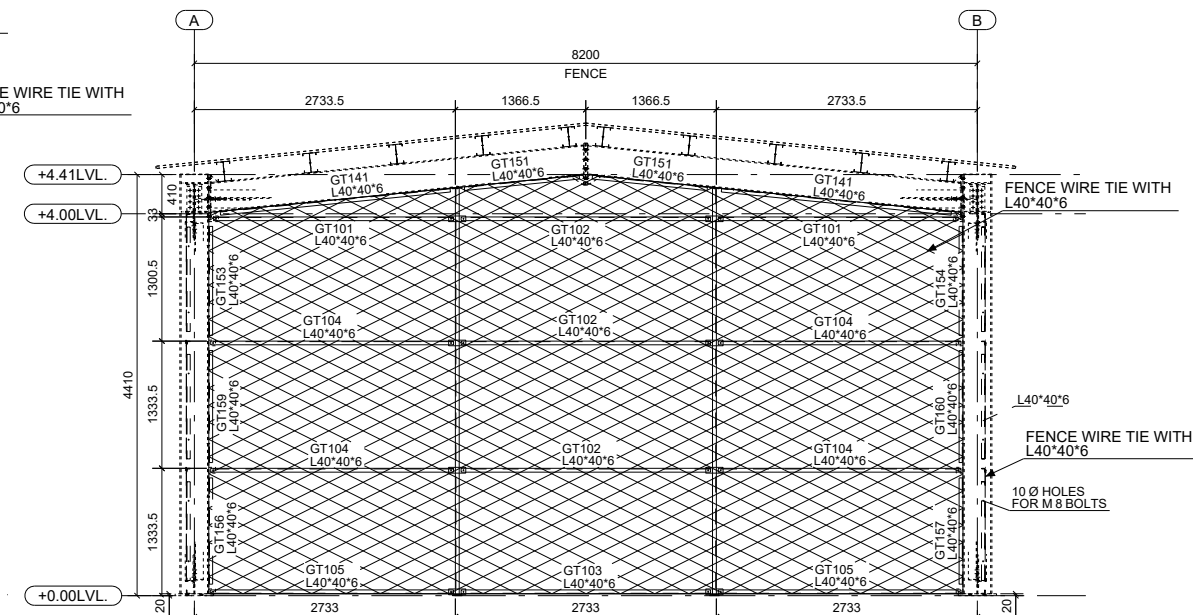
ELEVATION ON GRID A



ELEVATION ON GRID B



ELEVATION ON GRID 1







ELEVATION ON GRID 3

NOTE :-

1. ALL DIMENSIONS ARE GIVEN IN MILLIMETERS.
2. ALL PLANT CO-ORDINATES AND ELEVATIONS ARE IN METER
3. ALL FIELD WELD SHALL BE MIN 6MM FILLET WELD(UNO) AND MINIMUM LENGTH OF WELD SHOULD BE 150MM
4. BOLT TIGHTENING METHOD
 - a) PART TURN METHOD OR CALIBRATED WRENCH PRETENSIONING
 - b) TENSIONING BY USE OF A DIRECT TENSION INDICATING DEVICE.
5. BOLT ASSEMBLY
 - a) a) PRIMARY STRUCTURAL BOLTS ASTM 325 HIGH STRENGTH BOLT 1 BOLT + 1 WASHER + 1 NUT
 - b) SECONDARY STRUCTURAL BOLTS ASTM 325 BOLT= 1 BOLT + 1 WASHER + 1 NUT
6. 18 DIA HOLES FOR 16 DIA ERECTION BOLTS ARE TO BE USED.
7. ALL STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36.
8. ALL STRUCTURAL STEEL SHALL BE GALVANIZED OR PAINTED WITH A ZINC RICH PRIMER, EPOXY MID COAT AND POLYURETHANE TOP COAT AS PER SABC STANDARDS.

LEGENDS :-

- | | |
|---|------------------------------------|
|  | DENOTE ERECTION / ORIENTATION MARK |
|  | INCOMING MEMBER ERECTION SIDE |
| (T.O.S) | TOP OF STEEL |
| (T.O.C) | TOP OF CONCRETE |
| (B.O.B.P.) | BOTTOM OF BASE PLATE |
| (U.N.O.) | UNLESS NOTED OTHERWISE |
| (F.S.) | FIELD SPLICE |
| W.P. | WORK POINT |
| C.L | CENTER LINE |

ISSUED FOR CLIENT APPROVAL							
SCALE	NTS		NAME	SIGN.	DATE	CLIENT SABIC	
MATERIAL	CS	DRAWN BY	S.B		12.09.2019		
		REVIEWED BY					
MASS	N/A	CLIENT APPROVAL				PROJECT YANPET EXPANSION PROJECT	
TITLE	POWER FACTOR IMPROVEMENT AT YANPET FENCEING DRAWING					SUPPLIER  <div>POWER TECH. for METAL FABRICATIONS (PT-STEEL) ISO 9001 Certified P.O. BOX- 11983, AL-JUBAIL, 31961, KINGDOM OF SAUDI ARABIA TEL. +966 13 341 0300 FAX. +966 13 342 1505 EMAIL. info@pt-steel.com ENGINEERING, PROCUREMENT AND CONSTRUCTION SERVICES</div>	
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						REV R3	SHEET 1 OF 1

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R2	ISSUED FOR APPROVAL	19.03.2019	S.B		-
R1	ISSUED FOR APPROVAL	09.03.2018	S.B		-
R0	ISSUED FOR APPROVAL	17.11.2018	S.B		-
REV	DESCRIPTION	DATE	DRAWN	CHECK	-