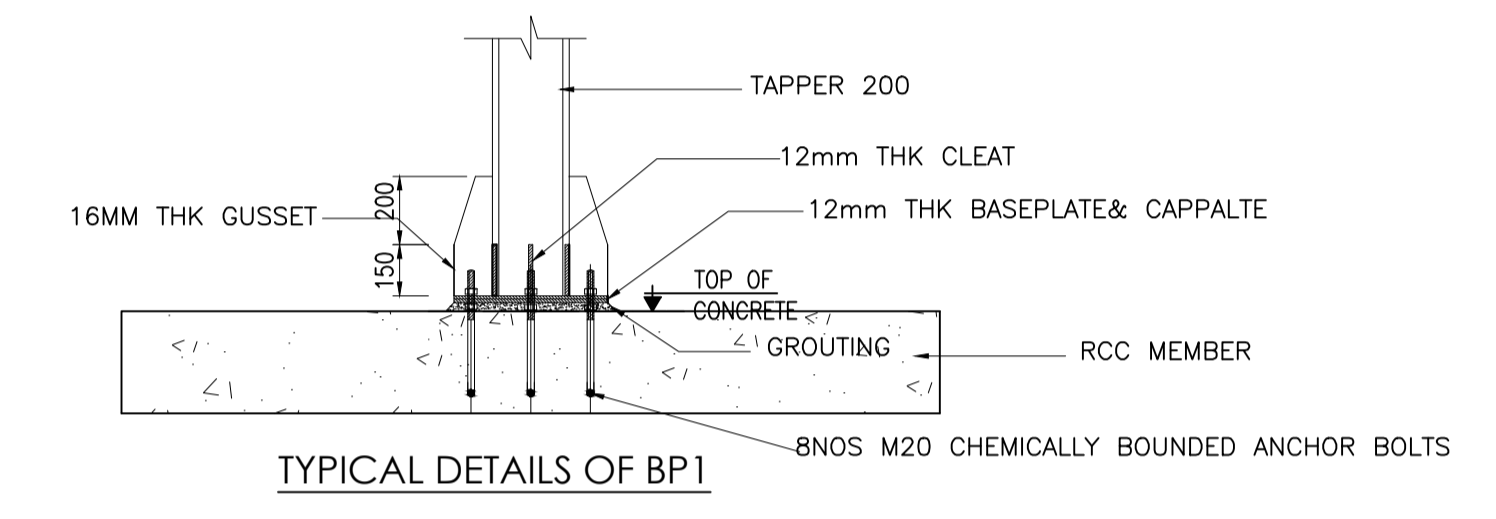
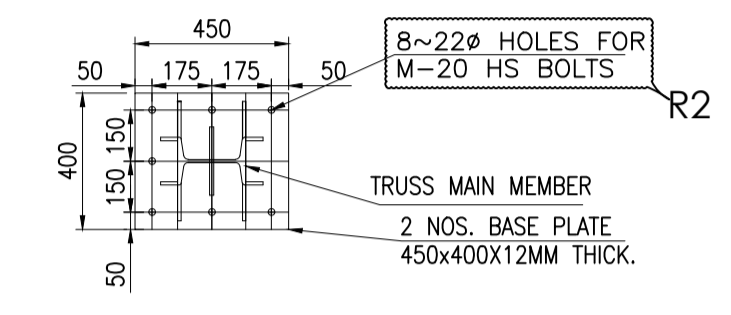
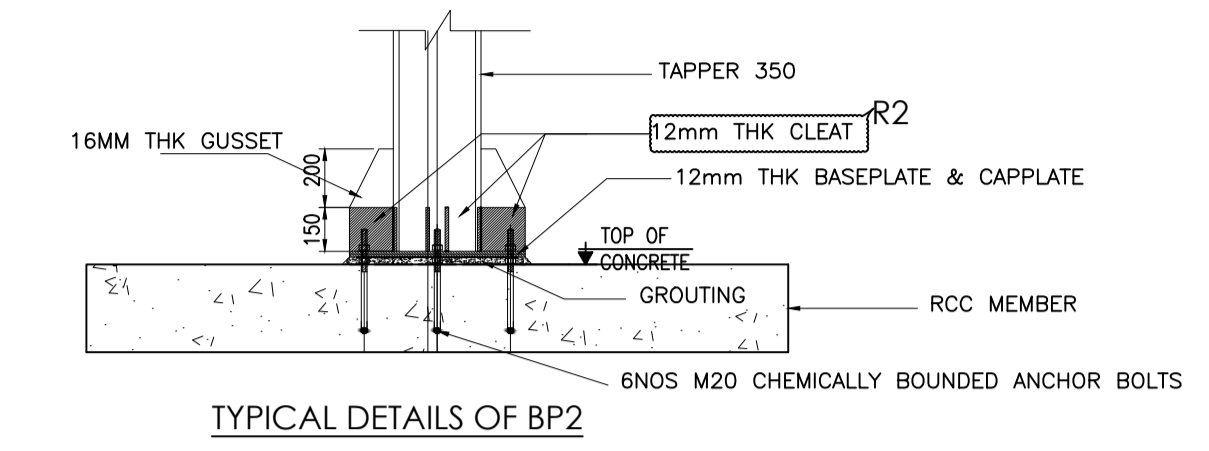
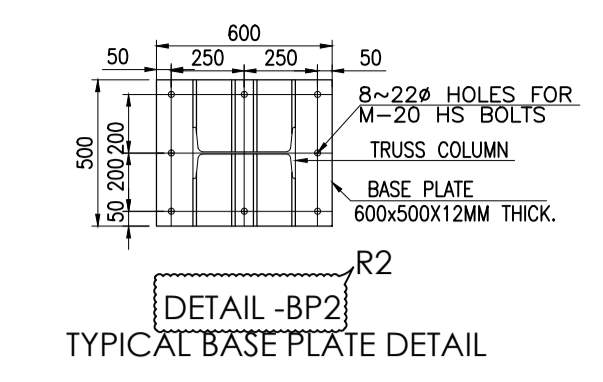


PLAN AT BASE PLATE LEVEL



| SYM. | DIA. OF BOLT | THREAD LENGTH | Min. PROJ. | HOOK LENGTH | ANC. ROD LENGTH | | QTY. |
|------|--------------|---------------|------------|-------------|-----------------|----|------|
| | | | | | TL | PR | |
| ⊕ | M16 | 150 | 125 | 100 | 450 | — | — |
| ⊕ | M20 | 150 | 125 | 125 | 550 | — | — |
| ⊕ | M24 | — | — | — | — | — | — |
| ⊕ | M32 | — | — | — | — | — | — |
| ⊕ | M36 | — | — | — | — | — | — |
| ⊕ | >M36 | — | — | — | — | — | — |

REFERENCE NOTES :-

- STANDARD PEBSL ANCHOR BOLTS CONSISTS OF TWO NUTS + ONE WASHER.
- ANCHOR BOLTS RODS CONFIRM TO ASTM A36 Gr.36 OR IS2062 Gr.A OR EQUAL . WITH MINIMUM YEILD STRESS OF 235 N/mm² THREAD SHALL BE METRIC COARSE THREAD SERIES TOLERANCE 6H FINISH BLACK STEEL
- NUTS CONFIRM TO IS1367 Gr.4.6 HEAVY SERIES OR EQUAL THREAD SHALL BE METRIC COARSE THREAD SERIES TOLERANCE 6H FINISH BLACK STEEL
- WASHERS CONFIRM TO IS 2016 (PUNCHED TYPE)—ELECTRO GALVANISED

ANCHOR BOLT DETAIL

Title: TUSS CENTER LINE AND BASE PLATE DETAILS

Client: MANGALORE REFINERY AND PETROCHEMICALS LIMITED.
 (A Subsidiary of Oil & Natural Gas Corporation Limited.)
 "AN ISO 9001 : 2000 & 14001 CERTIFIED COMPANY"
 RUTHERFORD P.O., VIA KATTIPALLA, MANGALORE-575 030.
 Phone: 0824-2270 400, Fax: 0824- 2219 216.

Project: CONSTRUCTION OF ADMIN BUILDING
 2nd FLOOR EXTENSION AT MRPL MANGLORE

| | | | |
|----------|-----------------------------|---------|--------------|
| DRAWN | DKS | PROJ NO | MRPL-ADMIN-2 |
| CHECKED | KVK | DWG NO | TRUSSCL-000 |
| APPROVED | KVK | SCALE | NTS |
| DATE | 31/10/2018 | | |
| CAD FILE | MRPL/ADMIN/TRUSS/TRUSSCL000 | | |

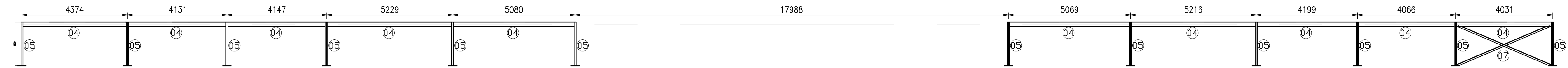
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| △R5 | — | — |
| △R4 | — | — |
| △R3 | — | — |
| △R2 | — | — |
| △R1 | — | — |
| REV.NO | REV.DATE | REMARKS |

NOTES

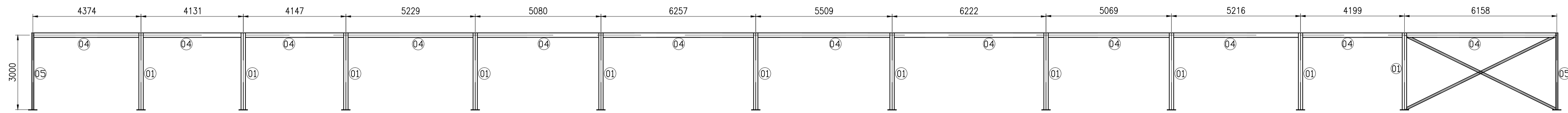
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GFC

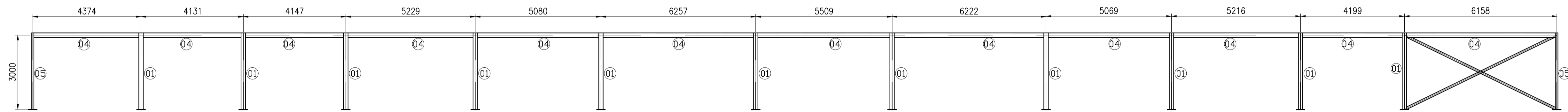
| | |
|--|--|
| ARCHITECT: R.S. Rao Road, Mangalore - 575 001. Ph: 0824 - 2441 247, Fax: 2428 727. E-mail: designpoint@gmail.com | STRUCTURAL CONSULTANT: CIVIL & STRUCTURAL CONSULTANTS THROCKMOLLA, SHANTANAGAL, NEAR OVER BRIDGE USAL, MANGALORE-575002 TEL: +91990904164, +91990953316 E-MAIL: JAYRAMESH@GFCINFRA.COM |
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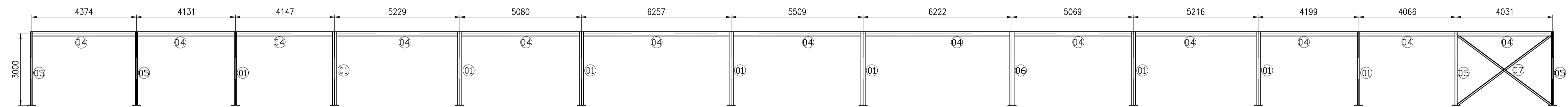
ELEVATION ALONG GRID A



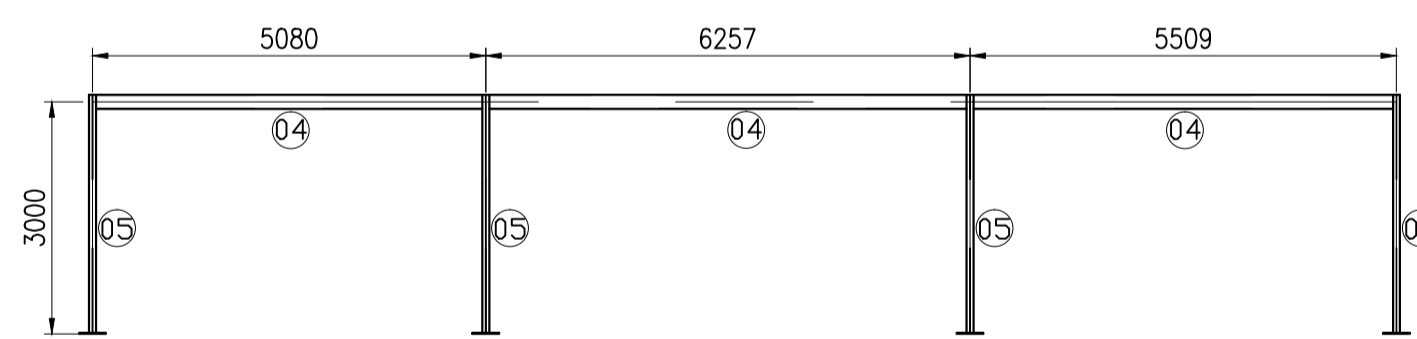
ELEVATION ALONG GRID C



ELEVATION ALONG GRID D



ELEVATION ALONG GRID B



ELEVATION ALONG GRID E

| SL.NO | MEMBER |
|-------|---|
| 01 | 2 FLANGE 175X12THK + 1 WEB 326X8THK |
| 02 | 2 FLANGE 110X12THK + 1 WEB 196X6THK |
| 03 | 2 FLANGE 100X12THK + 1 WEB 476X10THK |
| 04 | TUBE91X91X5.4 |
| 05 | 2 FLANGE 90X12THK + 1 WEB 176X6THK |
| 06 | 2 FLANGE 75X10THK + 1 WEB 115X6THK |
| 07 | ∟ ISA 75X75X6 |
| 08 | ∟ ISA 65X65X6 |
| 09 | TUBE100X100X6 |
| 10 | PURLIN-Z-200X60 20X2 THK |

Title: TUSS ELEVATION ALONG GRID DETAILS

Client: MANGALORE REFINERY AND PETROCHEMICALS LIMITED.
(A Subsidiary of Oil & Natural Gas Corporation Limited.)
"AN ISO 9001 : 2000 & 14001 CERTIFIED COMPANY"
RATTIETHOOR P.O., VIA KATTIPALLA, MANGALORE-575 000.
Phone: 0824-2270 400, Fax: 0824- 2219 216.

Project: CONSTRUCTION OF ADMIN BUILDING
2nd FLOOR EXTENSION AT MRPL MANGLORE

| | | | |
|----------|-------------------------------|---------|--------------|
| DRAWN | DKS | PROJ NO | MRPL-ADMIN-2 |
| CHECKED | KVK | DWG NO | TRUSSMB1-000 |
| APPROVED | KVK | SCALE | NTS |
| DATE | 31/10/2018 | | |
| CAD FILE | MRPL/ADMIN/TRUSS/TRUSSMB1-000 | | |

| | | |
|--------|----------|---------|
| △R5 | - | - |
| △R4 | - | - |
| △R3 | - | - |
| △R2 | - | - |
| △R1 | - | - |
| REV.NO | REV.DATE | REMARKS |

NOTES

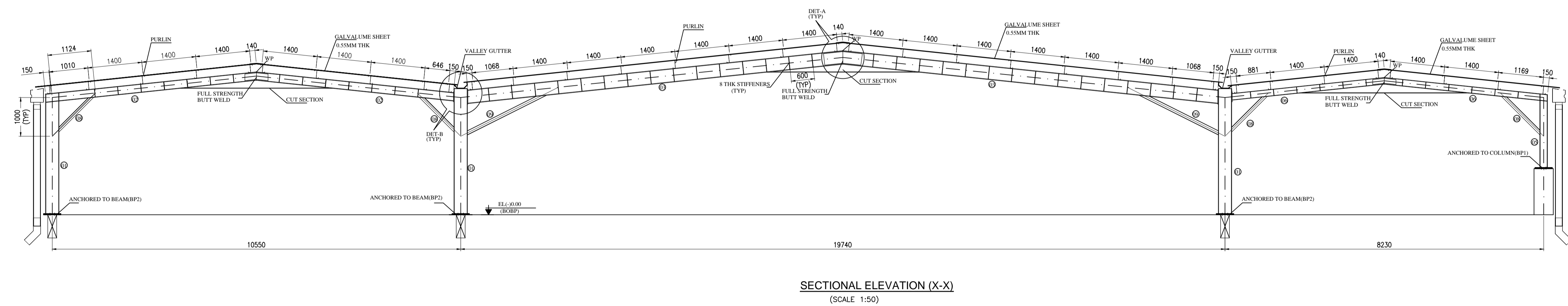
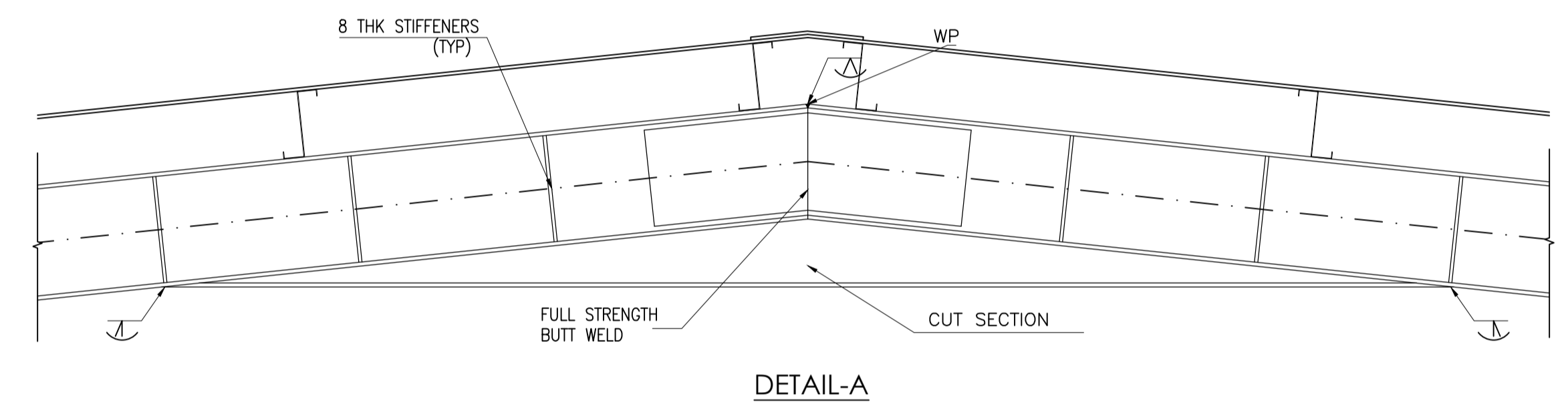
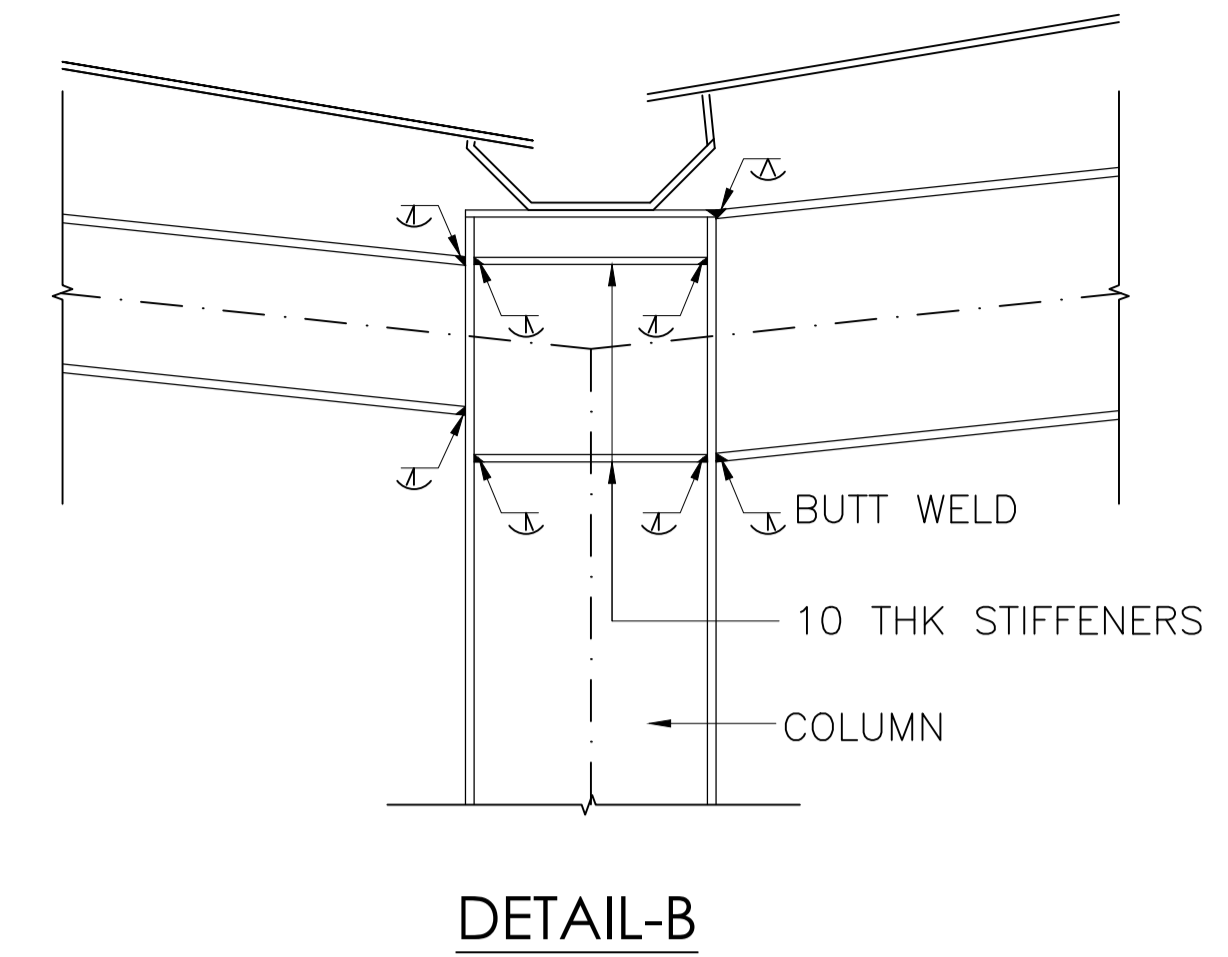
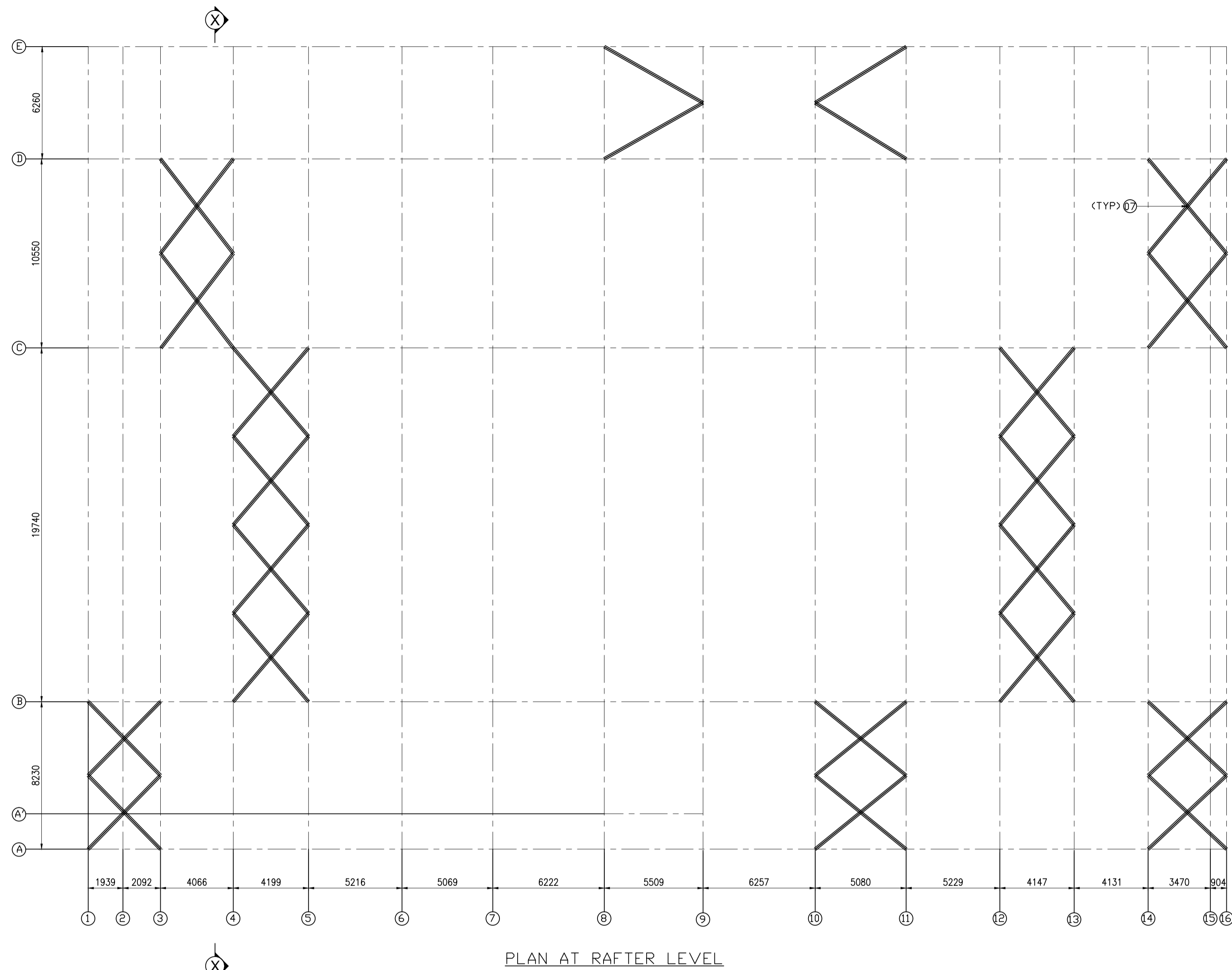
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ARCHITECT:

DESIGN POINT
Architects & Engineers
R.S. Rao Road, Mangalore- 575 001.
Ph: 0824 - 2441 247, Fax: 2428 727.
E-mail: designpoint@gmail.com

STRUCTURAL CONSULTANT:

CIVIL & STRUCTURAL CONSULTANTS
THIRAKOTTE, BHATHANGAL, NEHA OVER BRIDGE
LOCAL, MANGALORE-575002
Ph: +91 9846041461, +91 9890533116
E-MAIL: JAGDEESH@DPPINFRA.COM



Title: TUSS MEMBER DETAILS

Client: MANGALORE REFINERY AND PETROCHEMICALS LIMITED.
(A Subsidiary of Oil & Natural Gas Corporation Limited.)
"AN ISO 9001 : 2000 & 14001 CERTIFIED COMPANY"
SUTHERNDROM P.O., VIA KATTIPALLA, MANGALORE-575 030.
Phone: 0824-2270 400, Fax: 0824- 2219 216.

Project: CONSTRUCTION OF ADMIN BUILDING
2nd FLOOR EXTENSION AT MRPL MANGLORE

| | | | |
|----------|-----------------------------|---------|--------------|
| DRAWN | DKS | PROJ NO | MRPL-ADMIN-2 |
| CHECKED | KVK | DWG NO | TRUSSMB-000 |
| APPROVED | KVK | SCALE | NTS |
| DATE | 31/10/2018 | | |
| CAD FILE | MRPL/ADMIN/TRUSS/TRUSSMB000 | | |

| | | |
|--------|----------|---------|
| REV.NO | REV.DATE | REMARKS |
| R5 | - | - |
| R4 | - | - |
| R3 | - | - |
| R2 | - | - |
| R1 | - | - |

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STRUCTURAL CONSULTANT:

CIVIL & STRUCTURAL CONSULTANTS
THIRAKOTTE, BHATNAGAR, NEHA OVER BRIDGE
LOCAL, MANGALORE-575002
Tel. : +91 9846941461, +91 9890533116
E-MAIL : JAR@POINTA-ENGINEERS.COM