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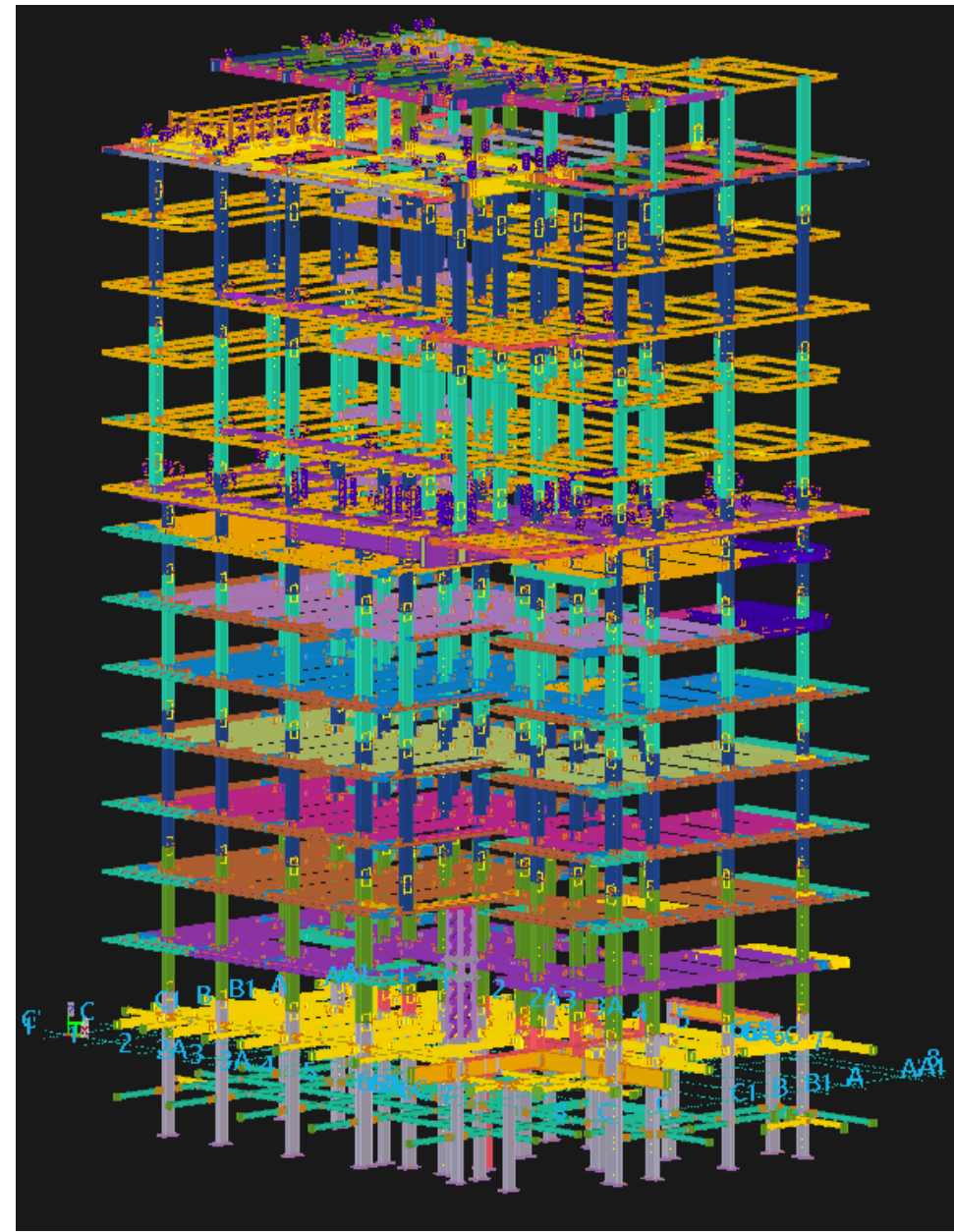
M/S GAS POINT PETROLEUM INDIA LTD
NAGPUR

Kirby
BUILDING SYSTEMS

- 1) Building Application – G+13 Office cum Residential Tower Building
- 2) Project Tonnage – Approx. 2,000 MT
- 3) Project Area – 10,200 square meters / 1.1 lac square feet
- 4) Building Height above Ground – 58 meters and lower basement to Ground Floor – 10.5 meters
- 5) Composite Steel Structure from foundation level consisting of
 - a) Box Columns
 - b) I Section Beams
 - c) Box Girders - Residential Area onwards
 - d) Column Splice – Field Weld Connections
 - e) Beams – Moment Connections (Nut Bolting)
 - f) Box Girders – Field Weld Connections

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Tekla Model



Initial Site Condition



Core Cutting done in Raft for Anchor Bolt provided as per the drawings.

Anchor Bolt Fixing

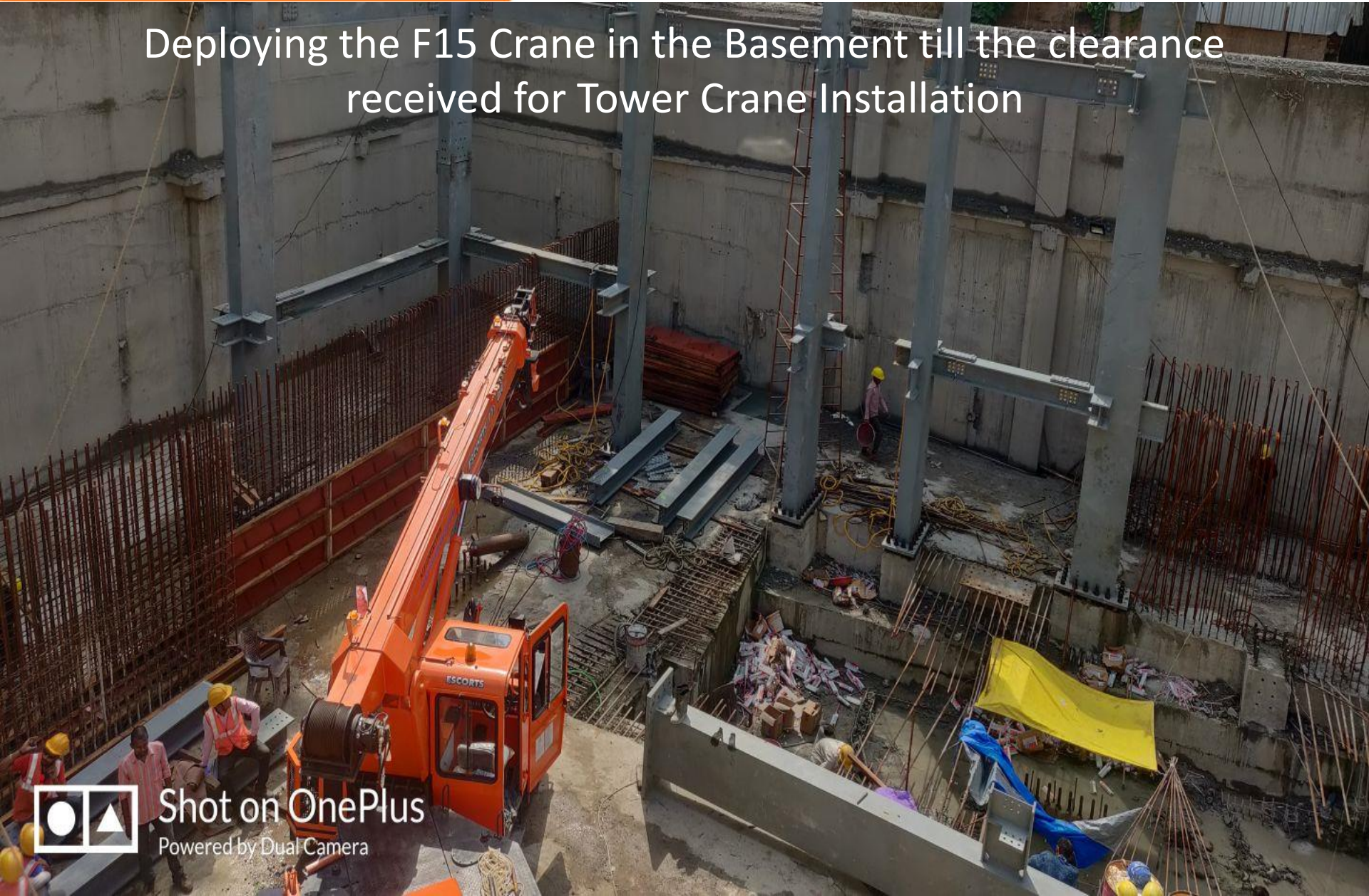


Total Station used for Anchor bolt setting.



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Deploying the F15 Crane in the Basement till the clearance
received for Tower Crane Installation



Shot on OnePlus
Powered by Dual Camera

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Challenges:-

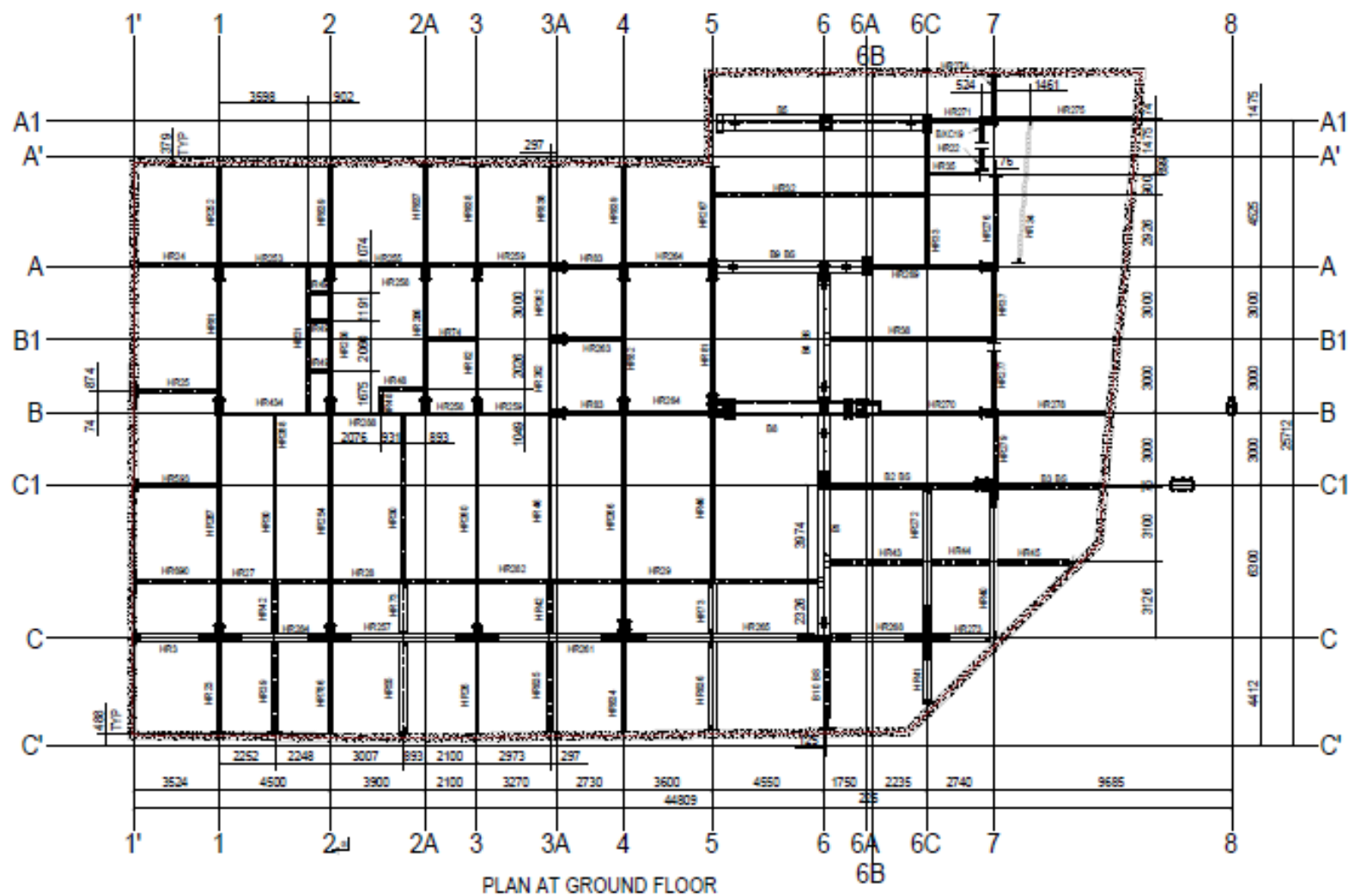
- 1) Selection of Main resources
 - Tower Crane Capacity
- 2) Identification and finalisation of Tower Crane location.



Plot area is 1,400 square meters

- Two side roads
- One side shared with high school and
- Other side shared with hospital.

Office Floor Plan



Hanging Column Temporary Support System



- Project Architecture involved Hanging Column, which will start from 2nd floor level and connect with 8th Floor level.
- This Hanging column supported the floor plate area of 88 square meters per level.
- As the erection works proceeded from lower ground floor to terrace, this hanging column required a support system which will be removed after the entire structure is finished and is in stable condition. After removal of this temporary support system, achieved the positive camber in the structure.



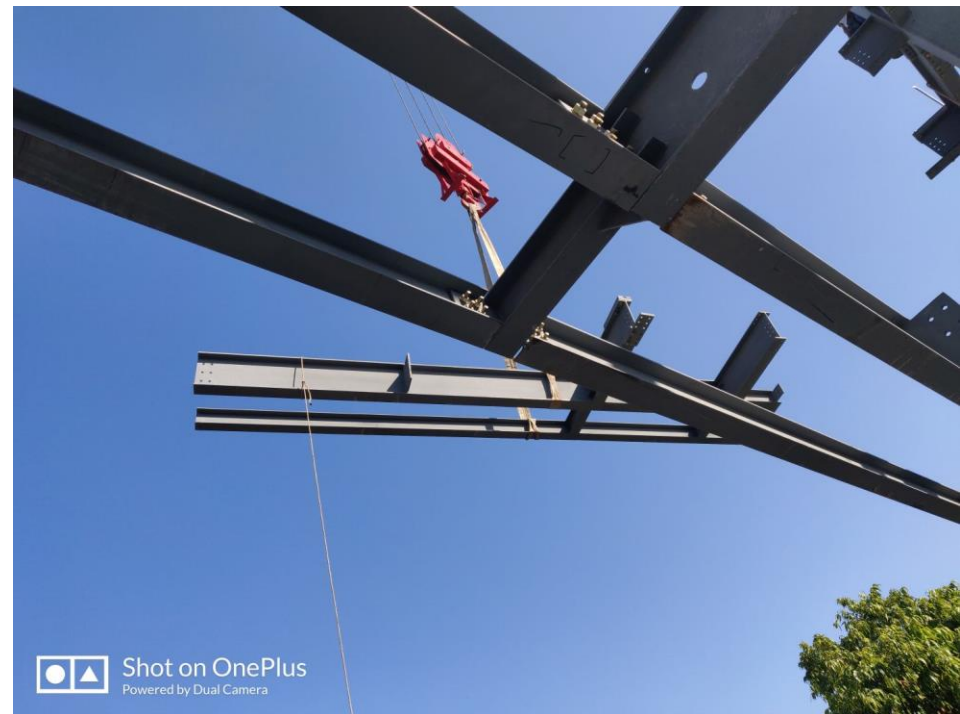
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Column Splicing Weld Connections



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Critical Cantilevers lifting and multiple joints assembly and erection



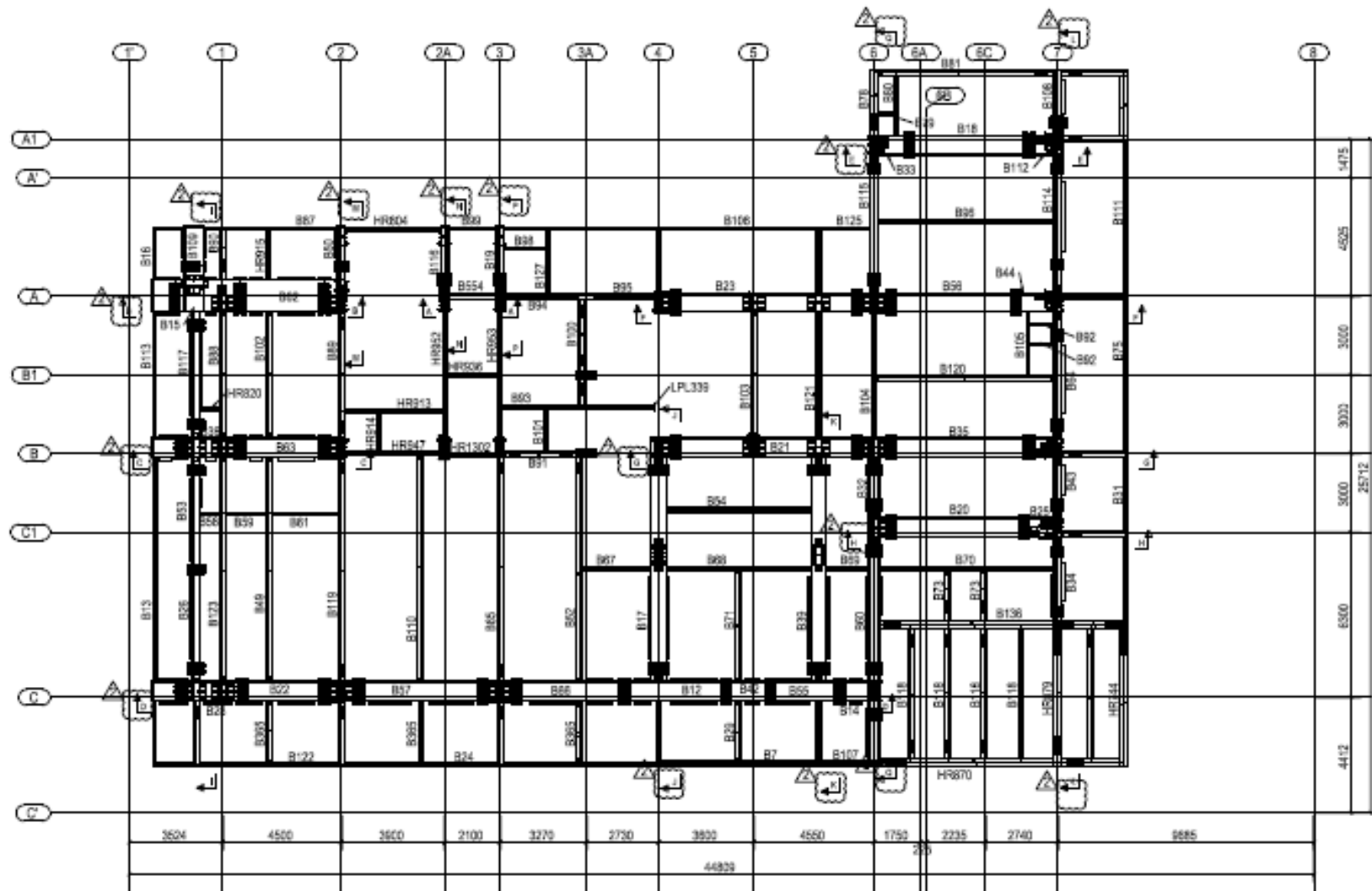
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8th Floor Girders



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Residential Floor Plan



8Th FLOOR FRAMING PLAN

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8th Floor Girder Erection



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Swimming Pool Structure at Terrace Level



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Kirby
BUILDING SYSTEMS

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Final Finished Composite Steel Structure



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Final Finished Composite Steel Structure





GASPOINT PETROLEUM INDIA LIMITED

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Mob : 7309320190, Ph : 0712 - 6606492

Date :

Date- 16th Nov 2021

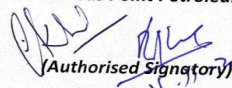
LETTER OF APPRECIATION

We are pleased to award the letter to M/s. Kirby Building Systems & Structures India Pvt Ltd. for the successful completion of GAS POINT PETROLEUM Building at Nagpur location.,

We further acknowledge the sincere efforts of Kirby Team Viz. Mr Mahesh Kadam, Jitendra Singh and Sabin Sukumaran to complete the project successfully within stipulated timeline, with best Engineering Practices, product quality, Safety and on Site Execution.

The entire work effort put in all the levels from Kirby team is highly professional and we appreciate the role of Kirby Team in Successful completion of the Project.

For Gas Point Petroleum (India)Ltd.


(Authorised Signatory)



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