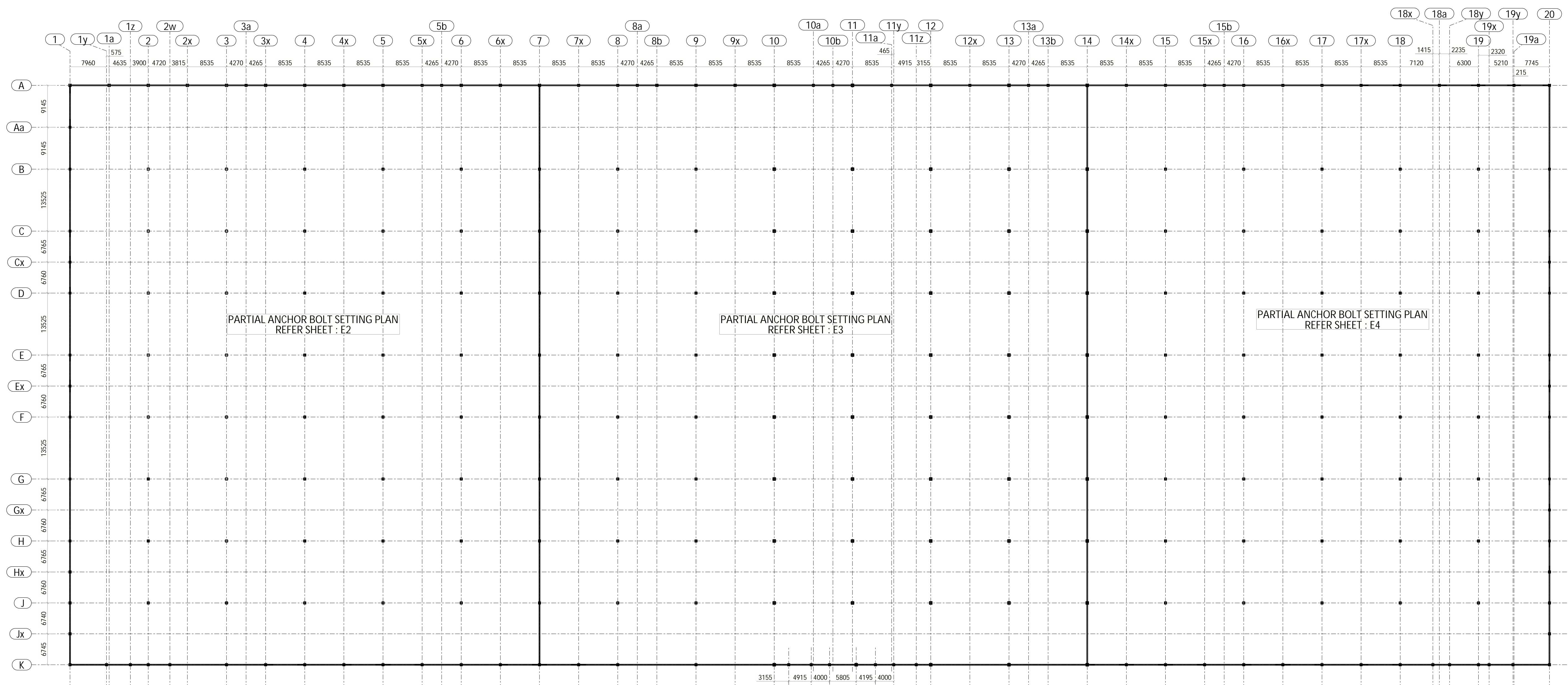
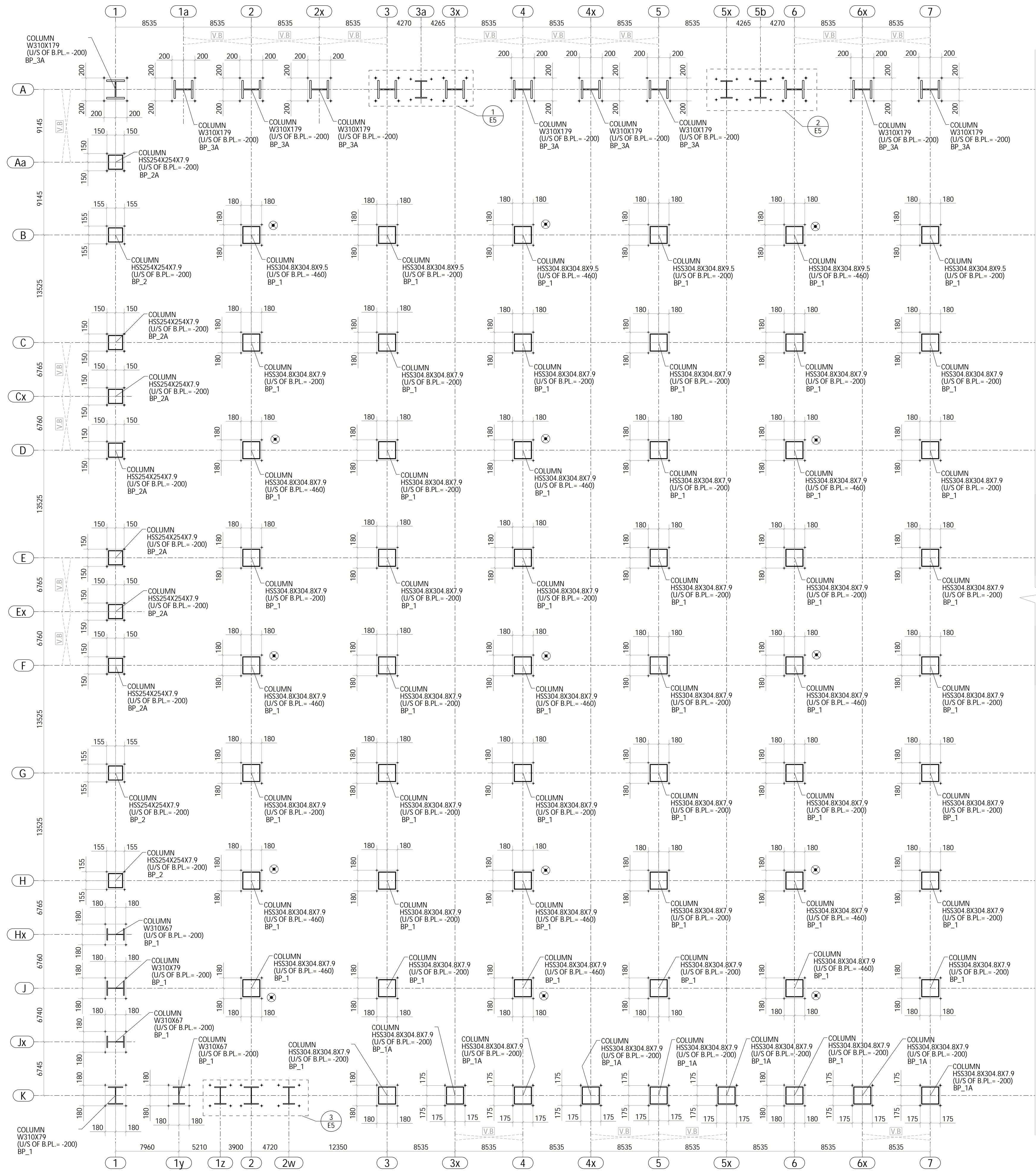


ISOMETRIC VIEW



OVERALL ANCHOR BOLT PLAN





- NOTES:
1. TOP OF CONCRETE ELEVATION (0.00) IS TAKEN AS DATUM LEVEL.
 2. ALL U/S OF BASE PLATE ELEVATIONS ARE REFERRED FROM DATUM LEVEL.
 3. U/S OF B.PL. DENOTES UNDER SIDE OF BASE PLATE.
 4. V.B DENOTES VERTICAL BRACING.
 5. ⊗ DENOTES RWL COLUMN LOCATION.

MATERIAL NOTES:

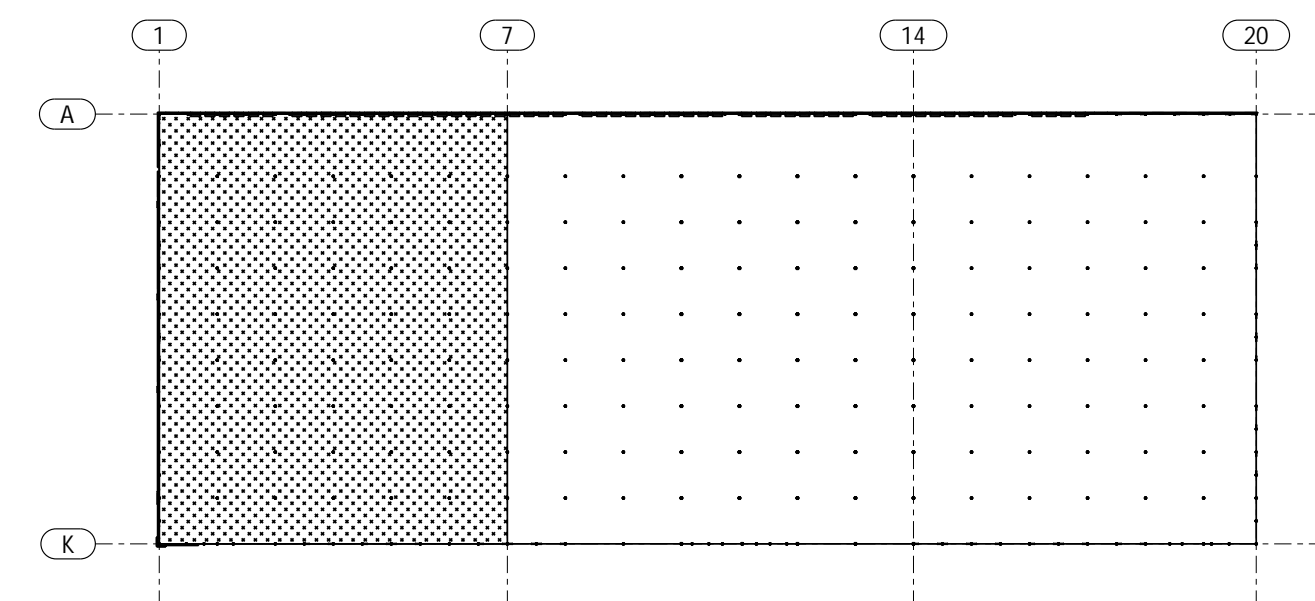
HSS SHAPES	- GRADE 350W CLASS C
WF SHAPES	- 350W
PLATE	- 300W
CHANNEL/ANGLE	- 300W
ANCHOR ROD	- A307

PLEASE VERIFY WE FOLLOWED 350W CLASS C FOR ALL HSS SHAPES

AS WE HAVE GRID LABEL DISCREPANCIES BETWEEN ARCH AND STRUCTURE SO WE FOLLOWED ARCH GIRL LABEL. PLEASE CONFIRM THIS IS ACCEPTABLE.

WE FOLLOWED ALL PERIMETER COLUMNS UNDERSIDE OF BASE PLATE ELEVATION IS -200mm TYPICAL PLEASE CONFIRM.

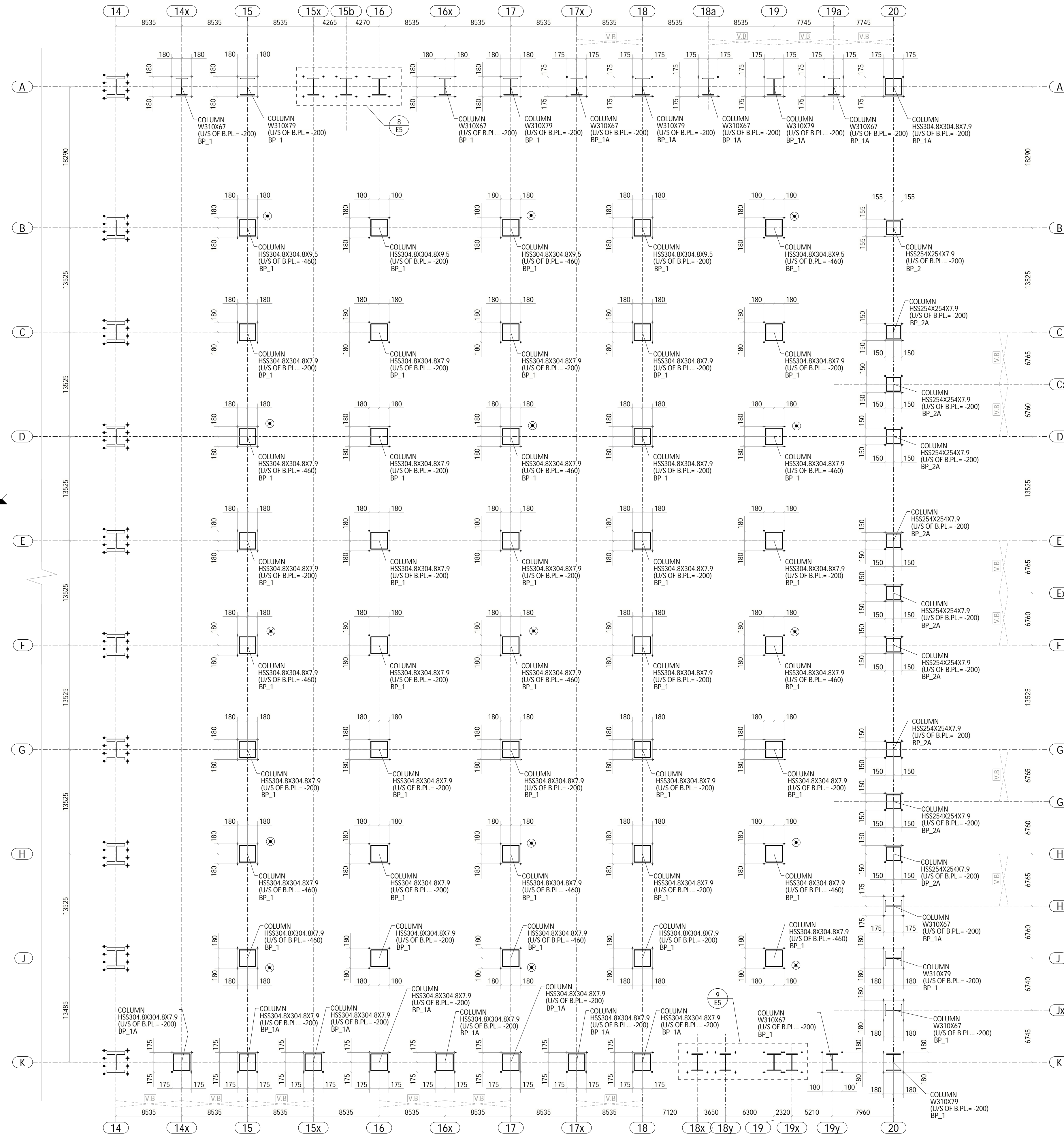
FOR CONTINUATION
REFER SHEET - E3



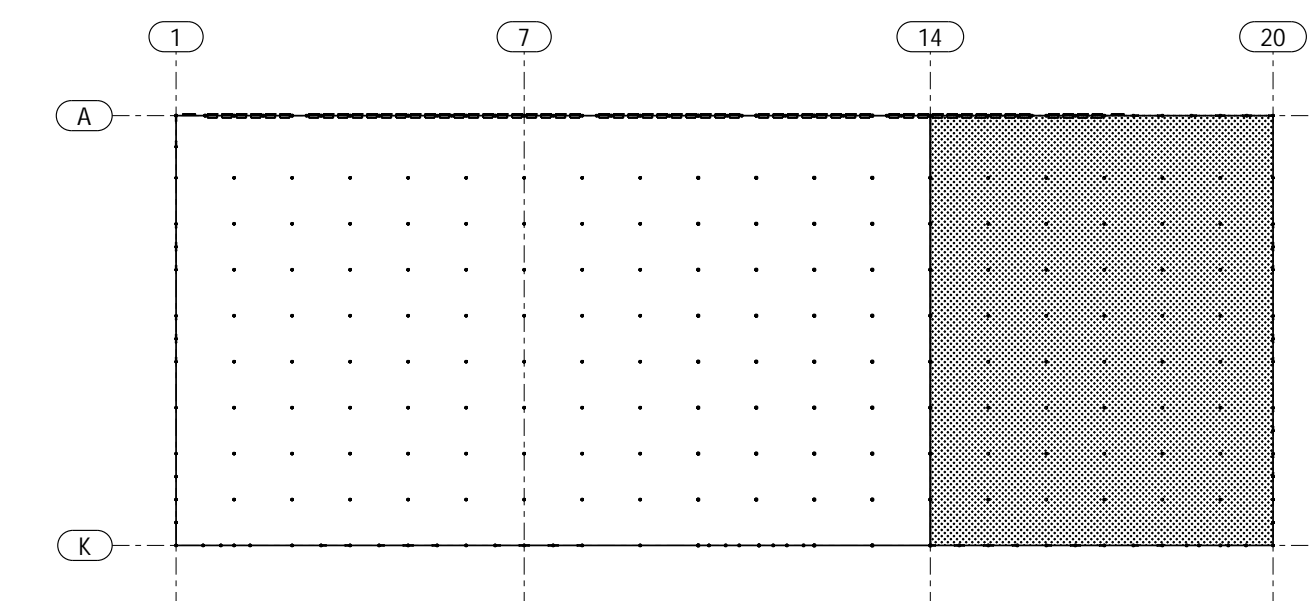
KEY PLAN

PARTIAL ANCHOR BOLT SETTING PLAN
(REF: S3)



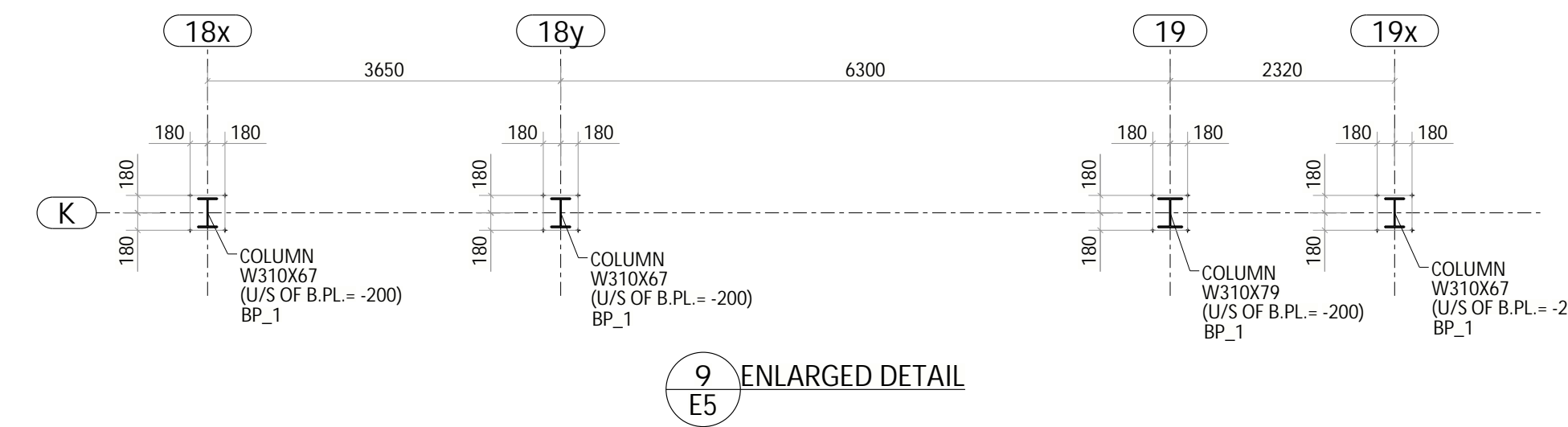
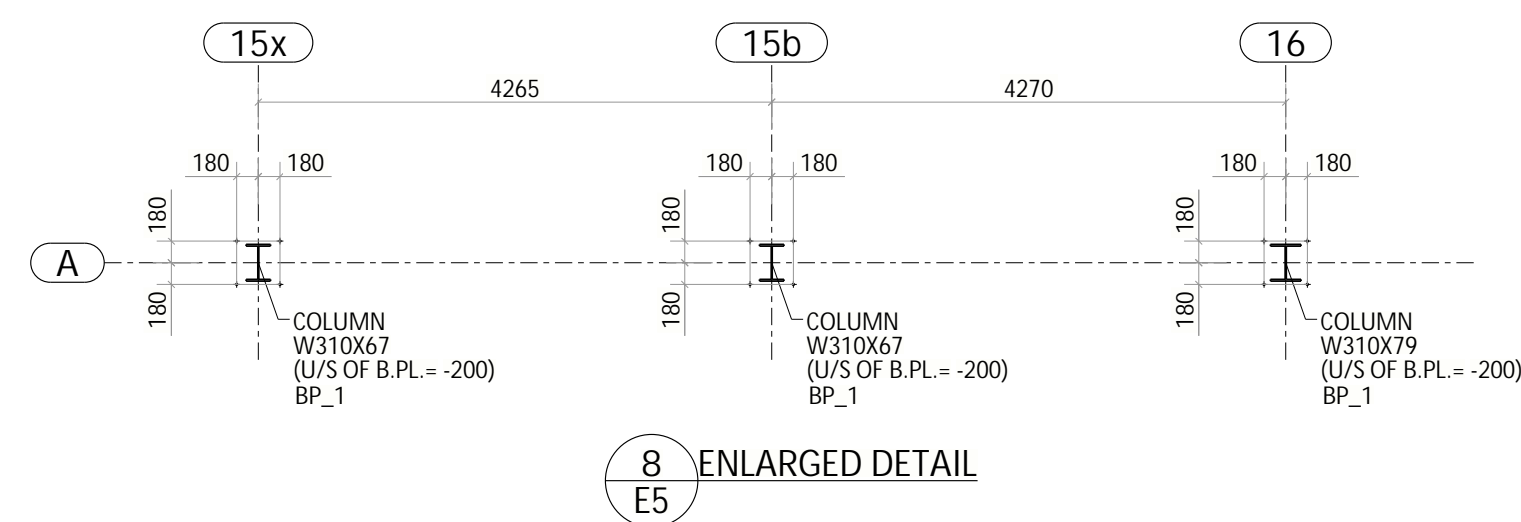
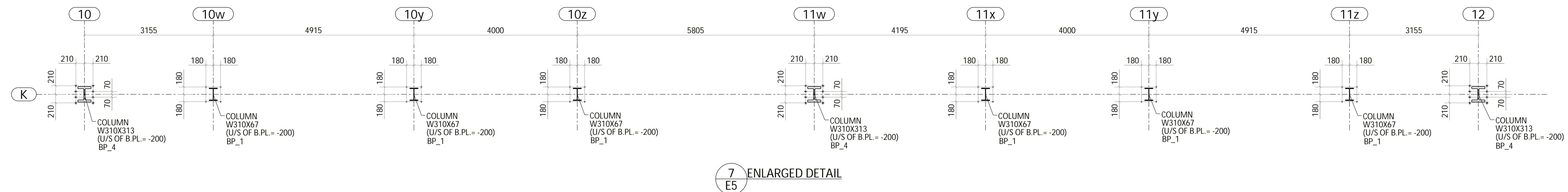
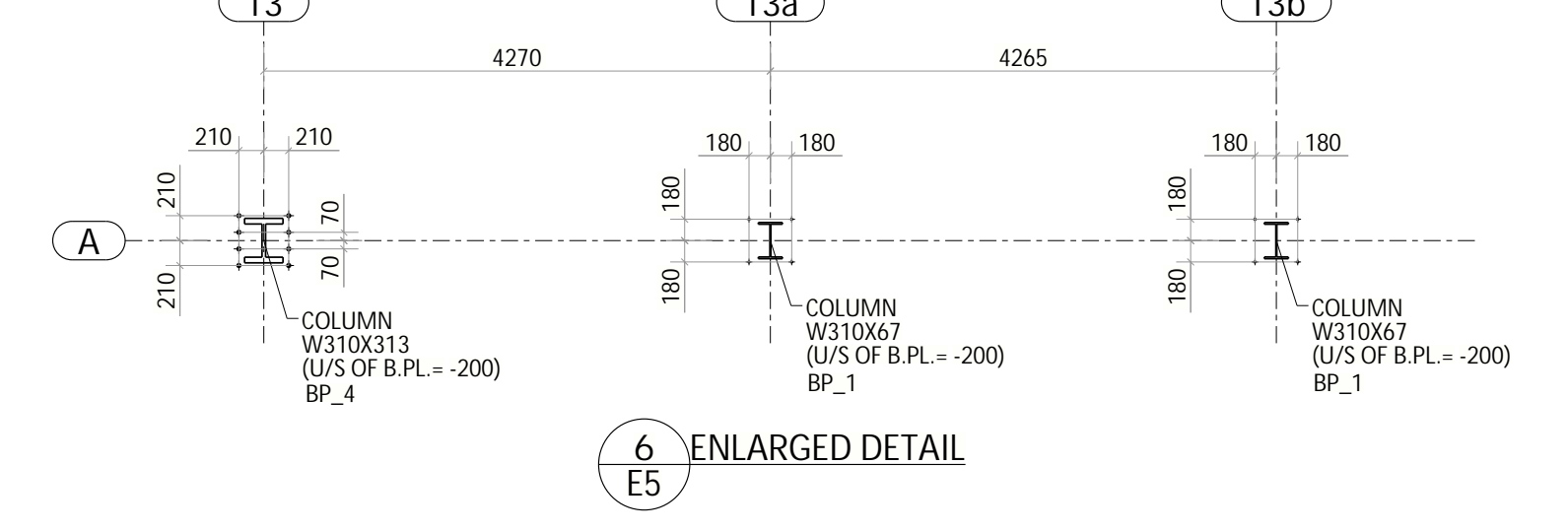
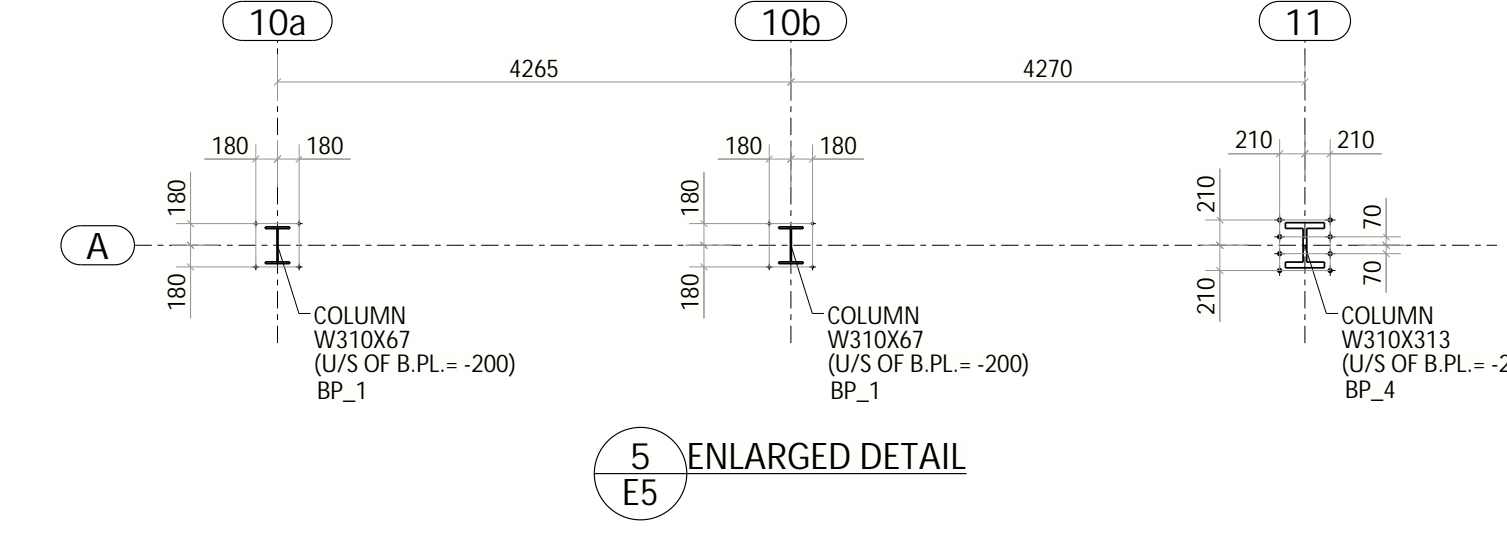
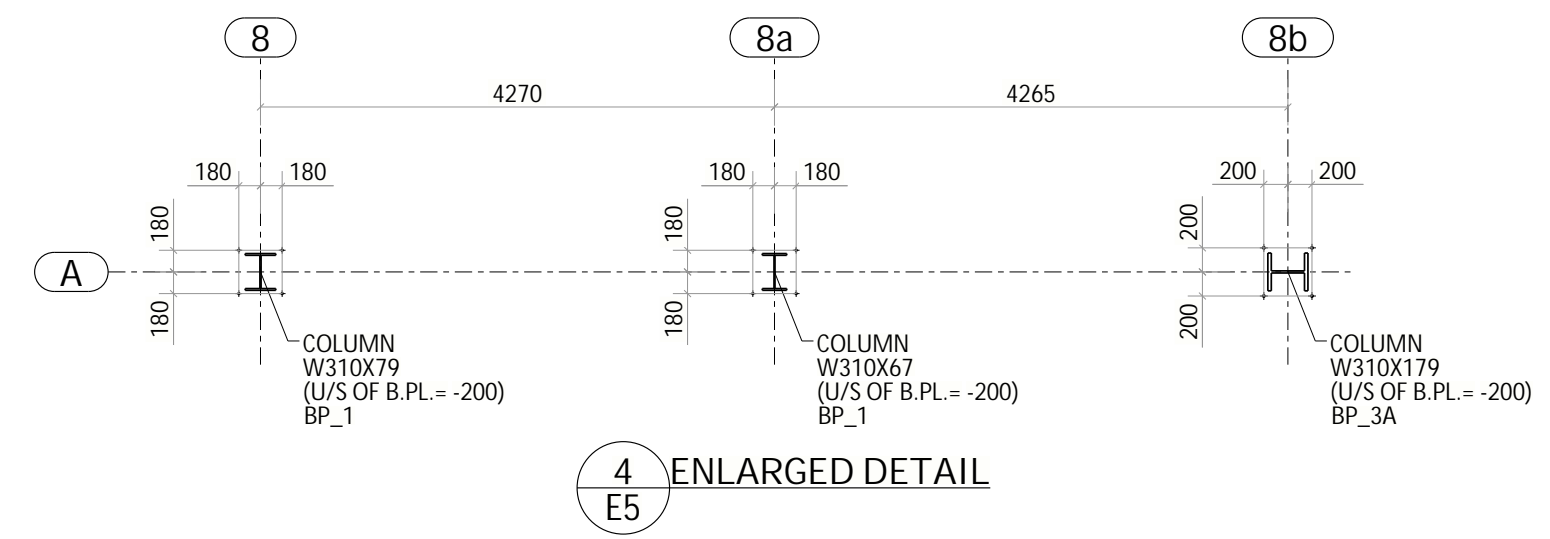
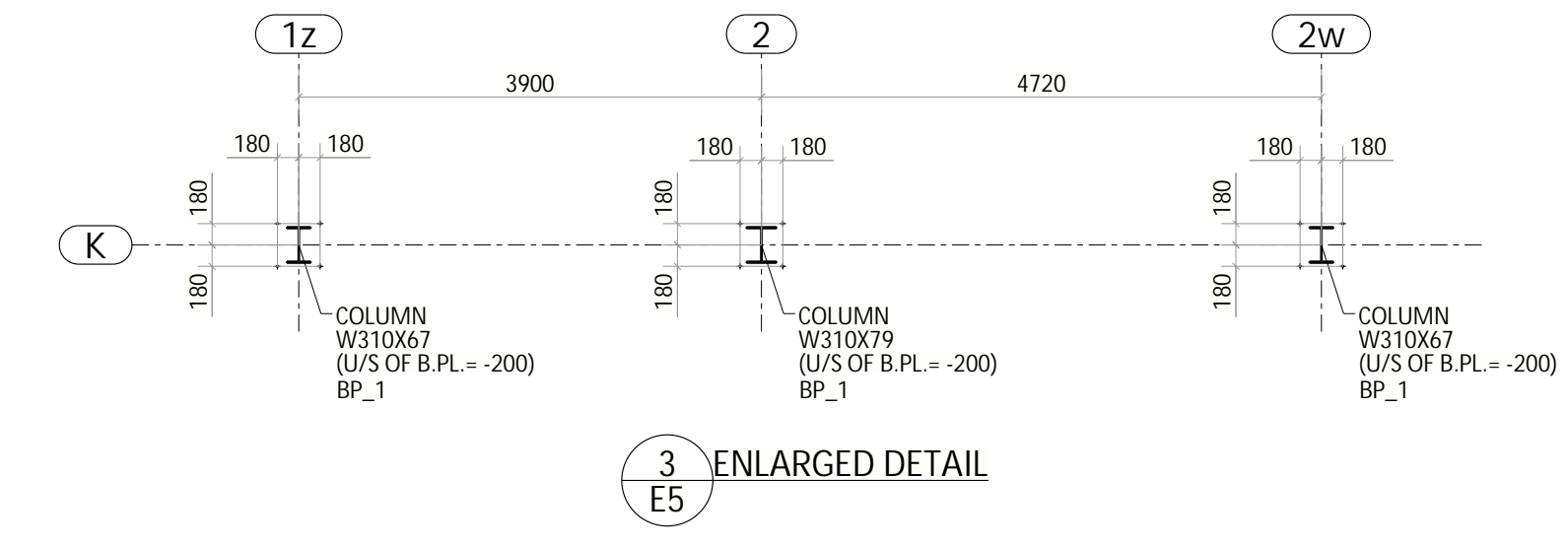
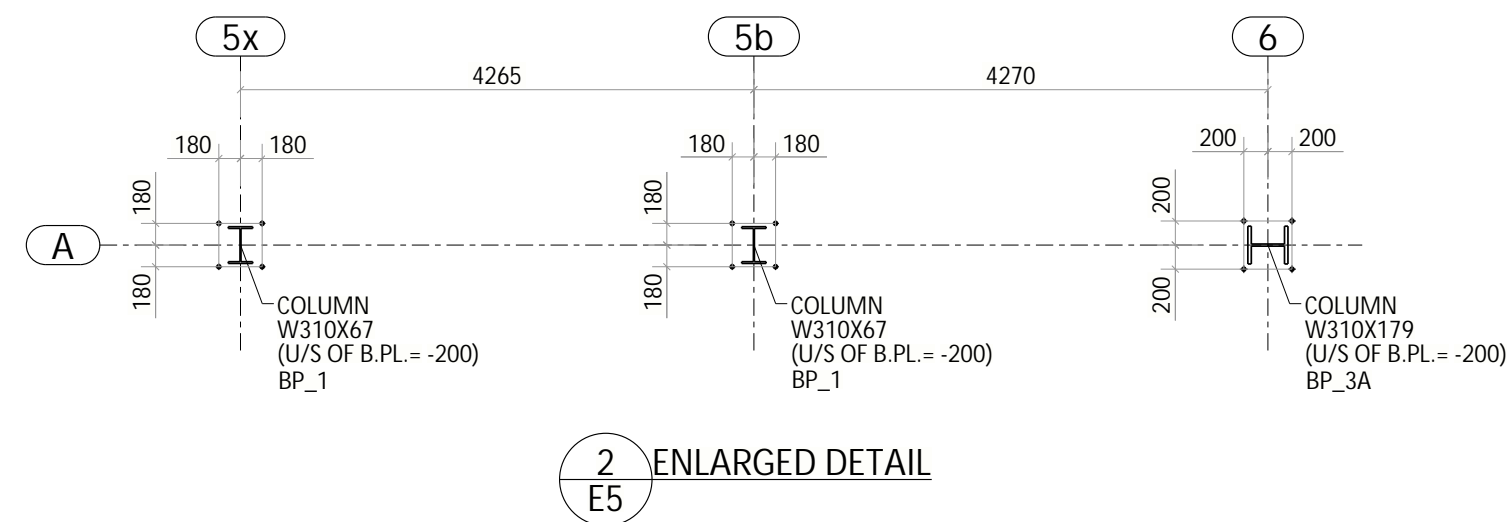
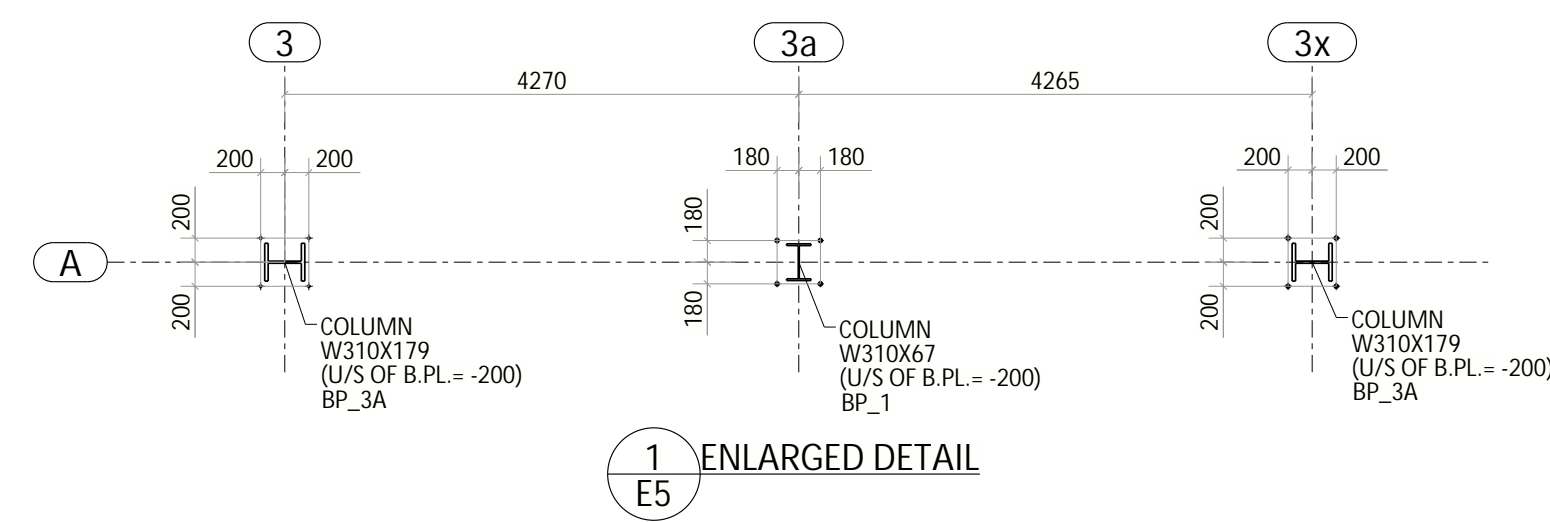


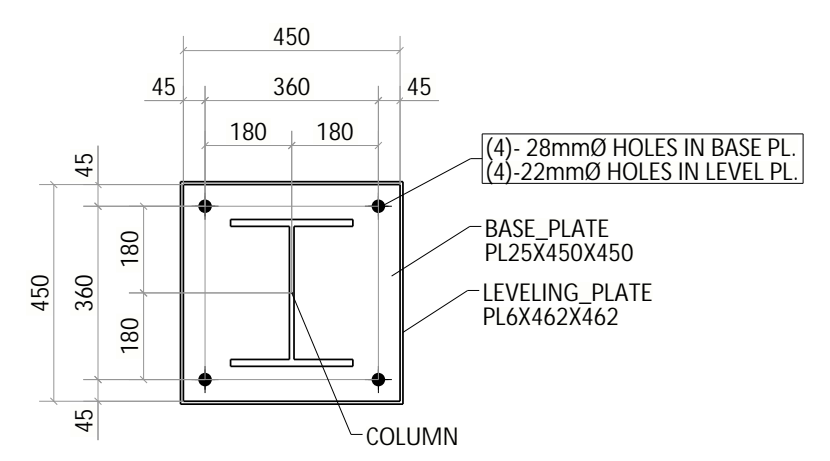
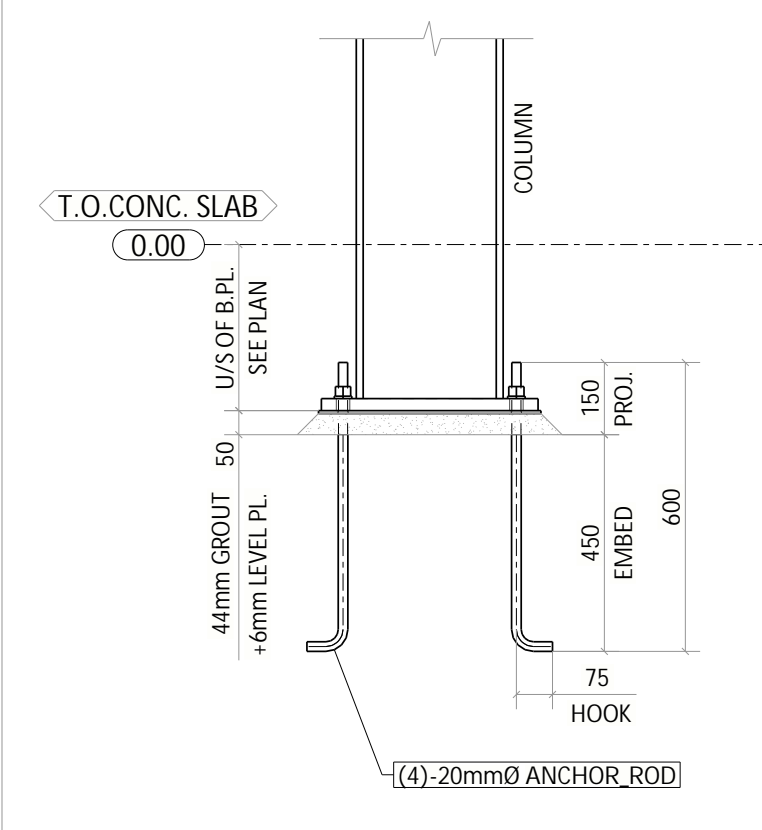
PARTIAL ANCHOR BOLT SETTING PLAN
(REF: S3)



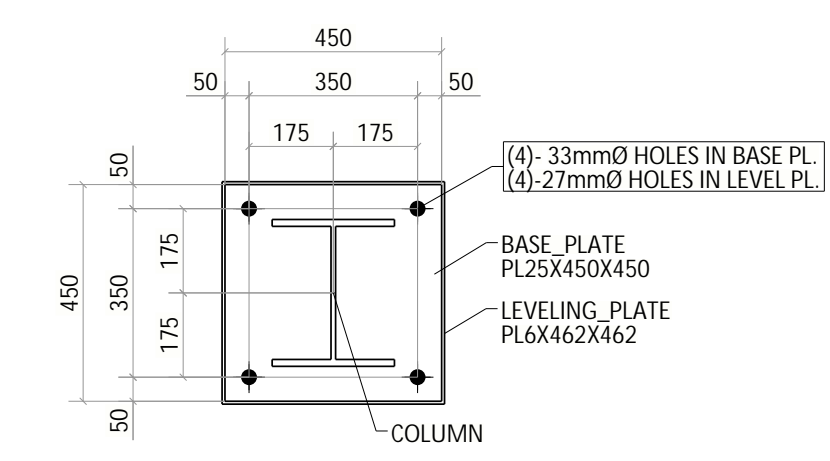
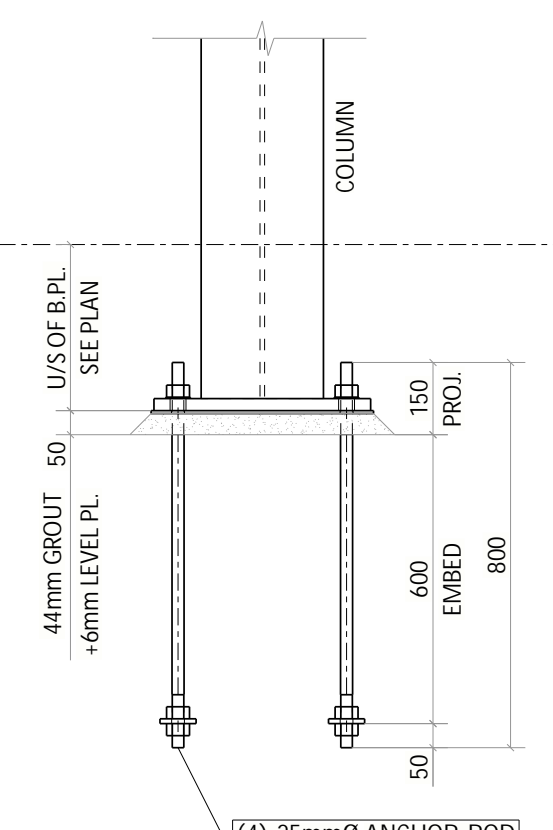
KEY PLAN



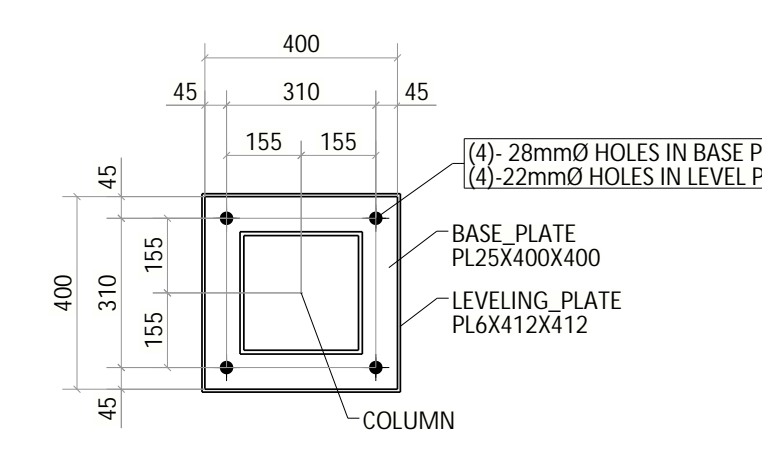
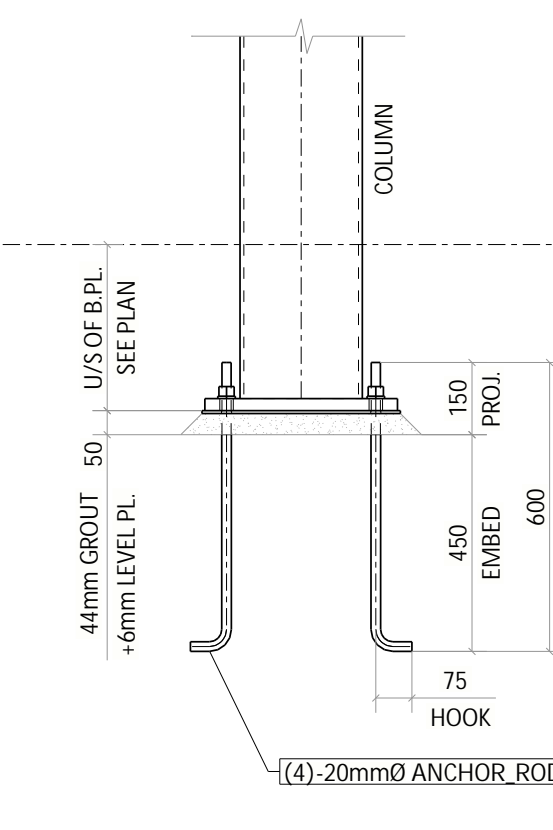




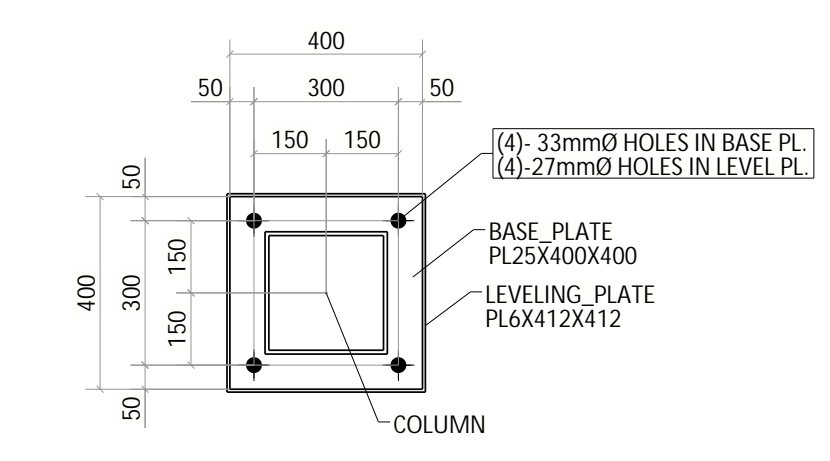
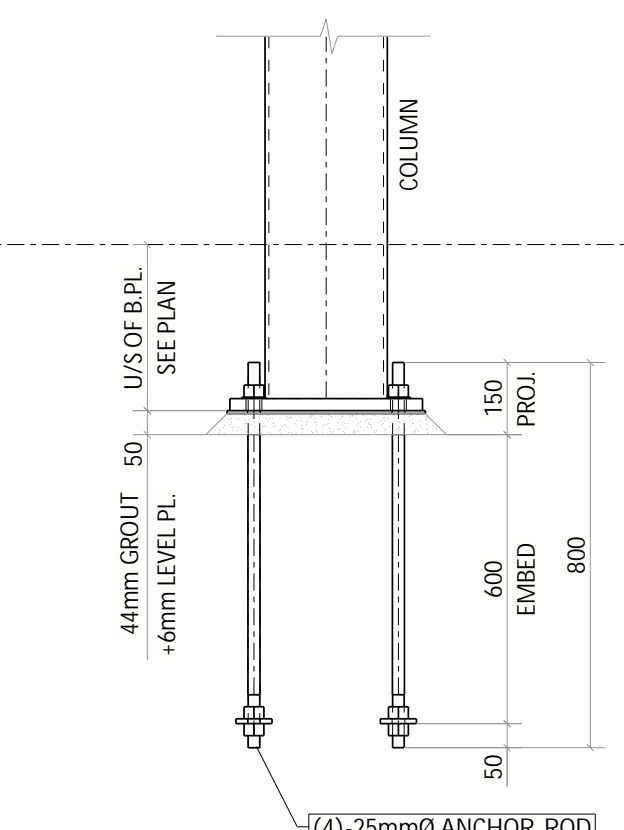
BP_1
148-LOCATIONS



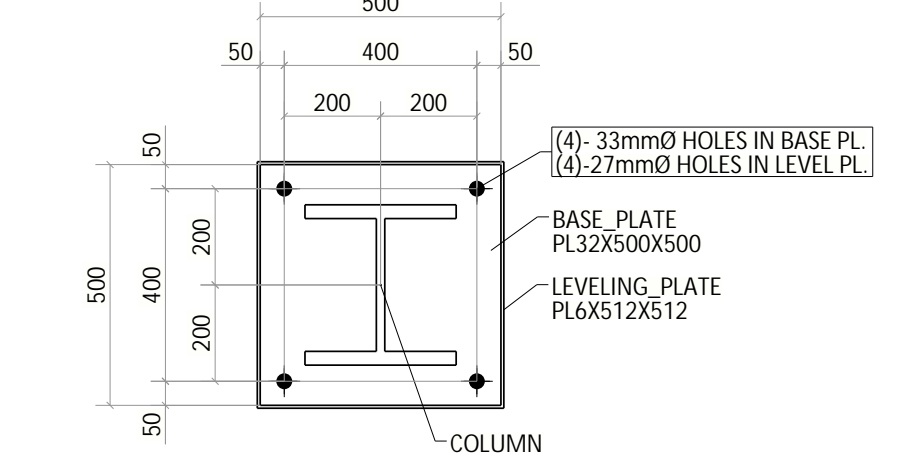
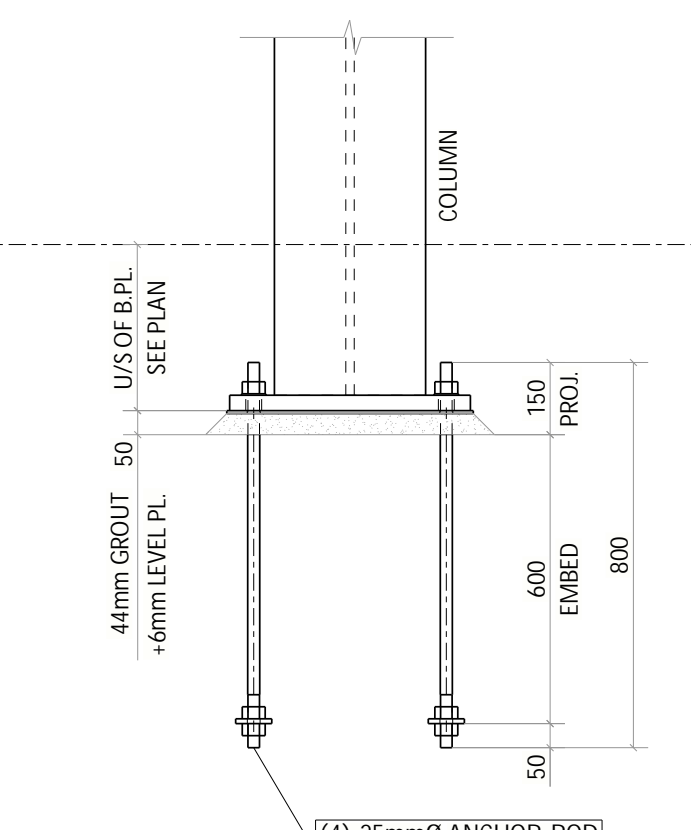
BP_1A
24-LOCATIONS



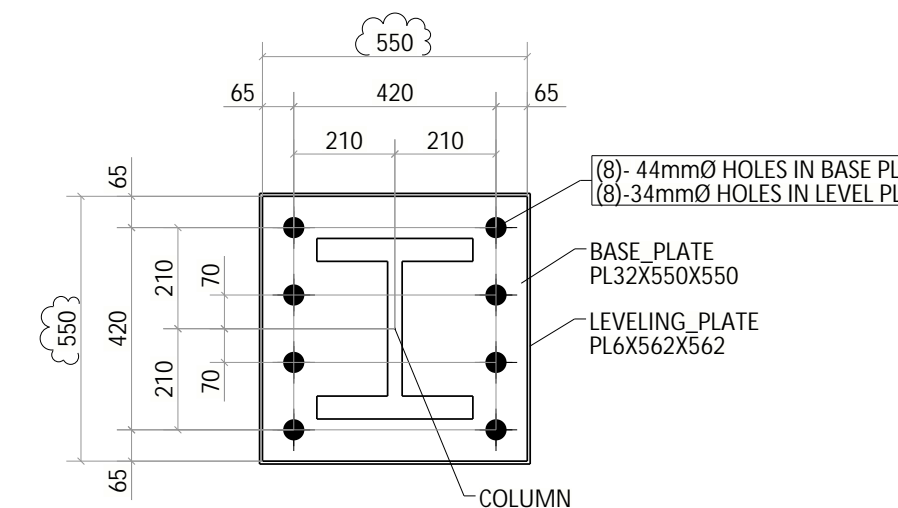
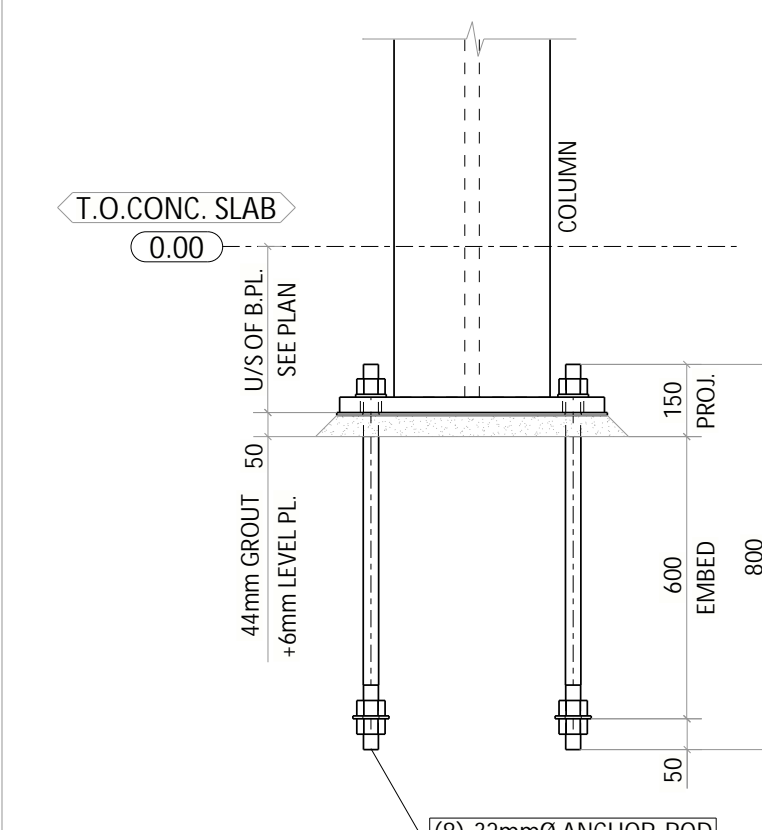
BP_2
04-LOCATIONS



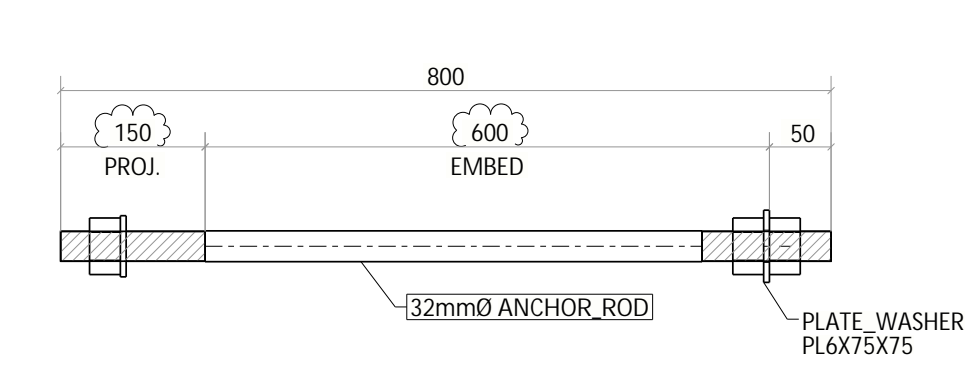
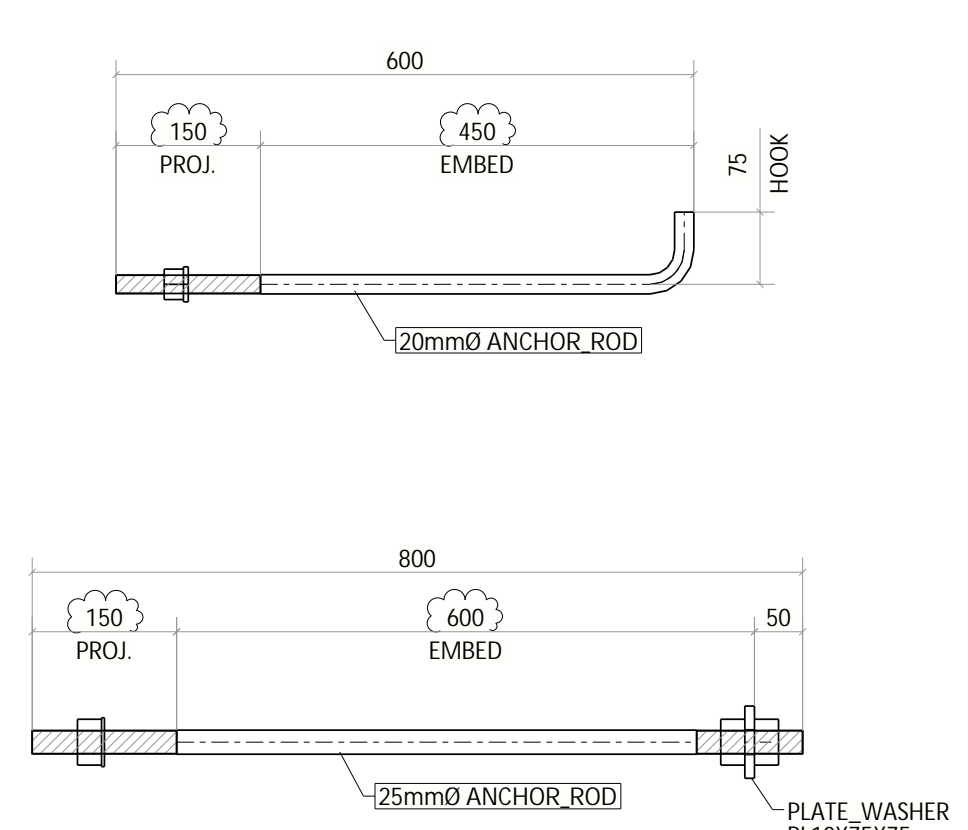
BP_2A
16-LOCATIONS



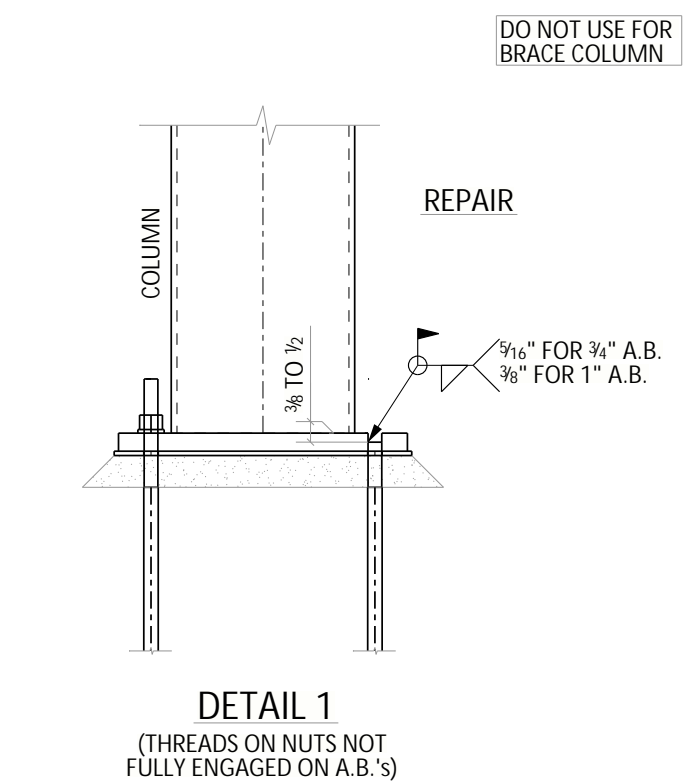
BP_3A
15-LOCATIONS



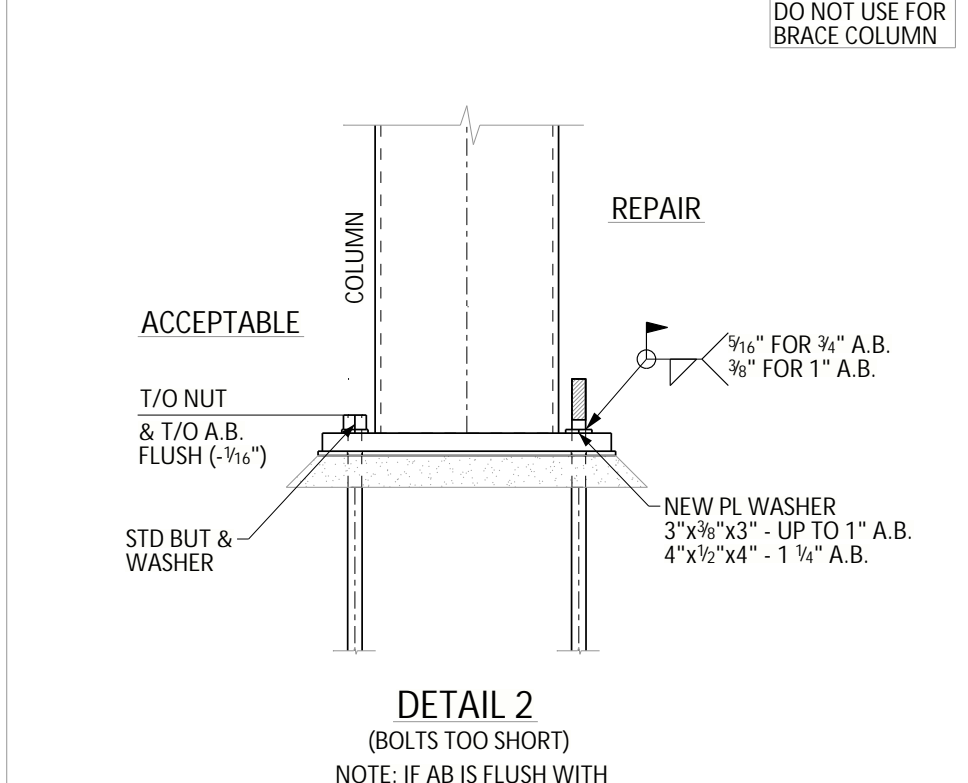
BP_4
50-LOCATIONS



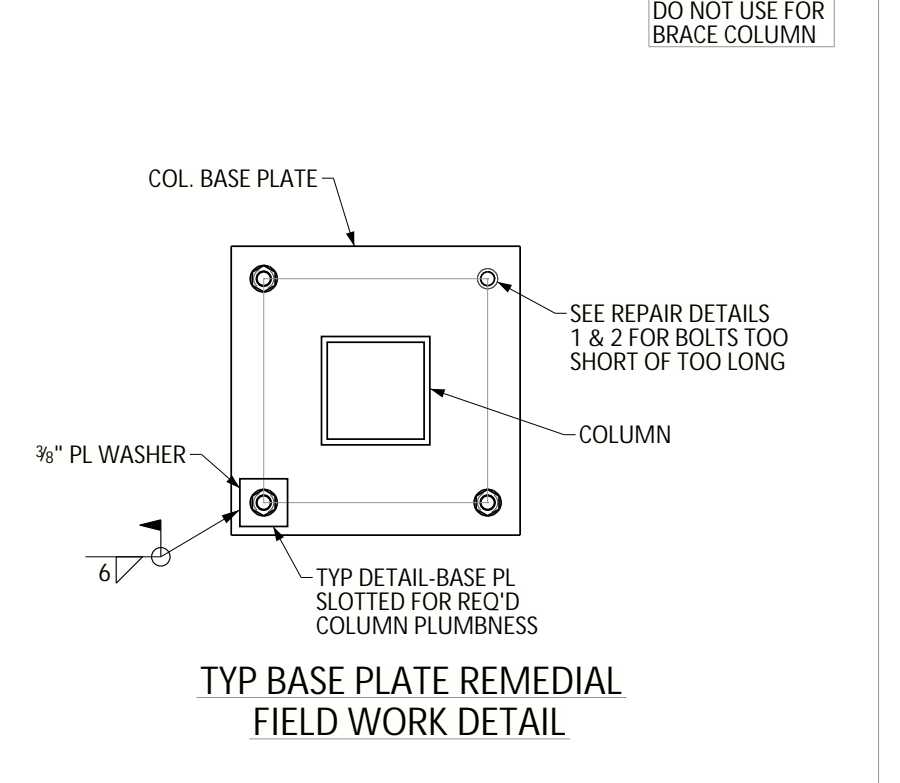
ANCHOR ROD DETAILS



DETAIL 1
(THREADS ON NUTS NOT FULLY ENGAGED ON A.B.'s)



DETAIL 2
(BOLTS TOO SHORT)
NOTE: IF A.B IS FLUSH WITH B/PL CALL ENGINEER.



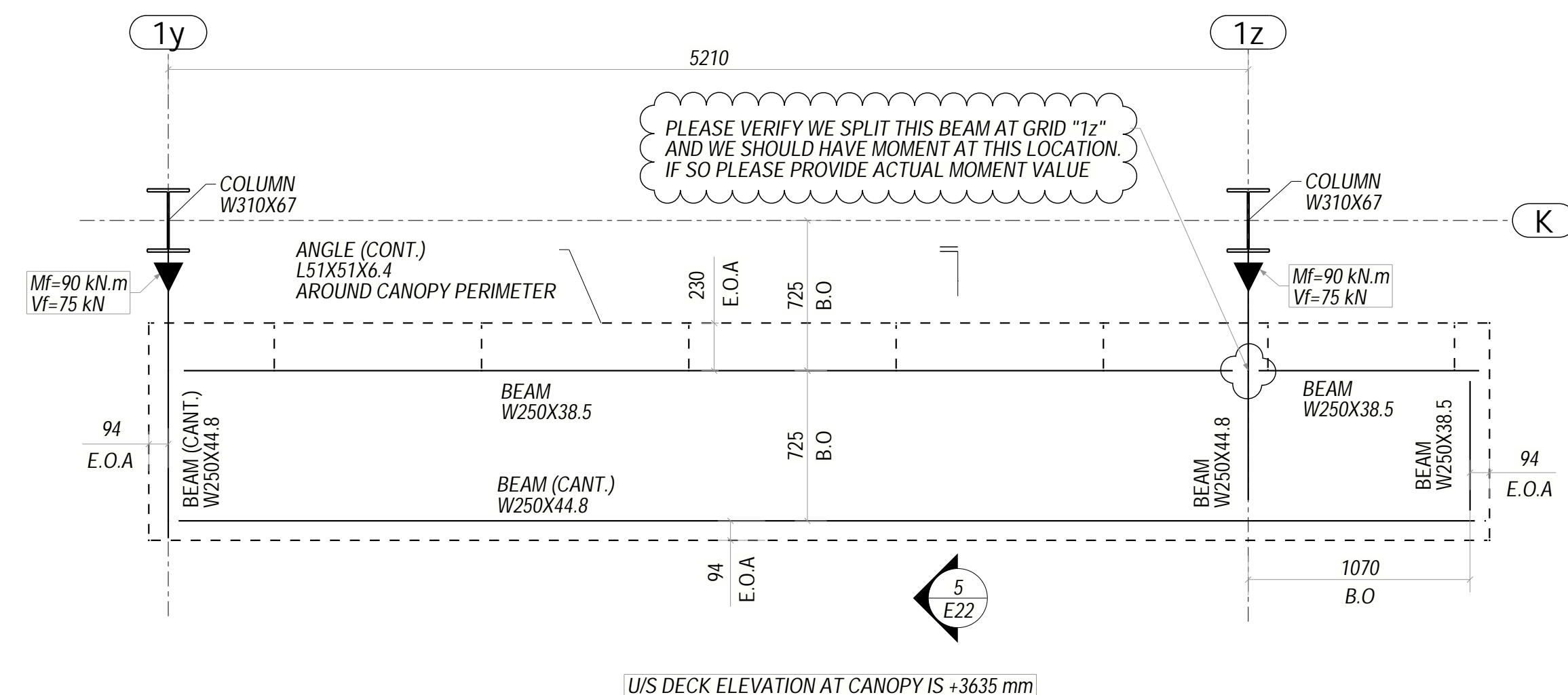
TYP BASE PLATE REMEDIAL FIELD WORK DETAIL

PLEASE VERIFY GROUT THICKNESS WE FOLLOWED IS 50mm (44mm GROUT + 6mm LEVELING PLATE)

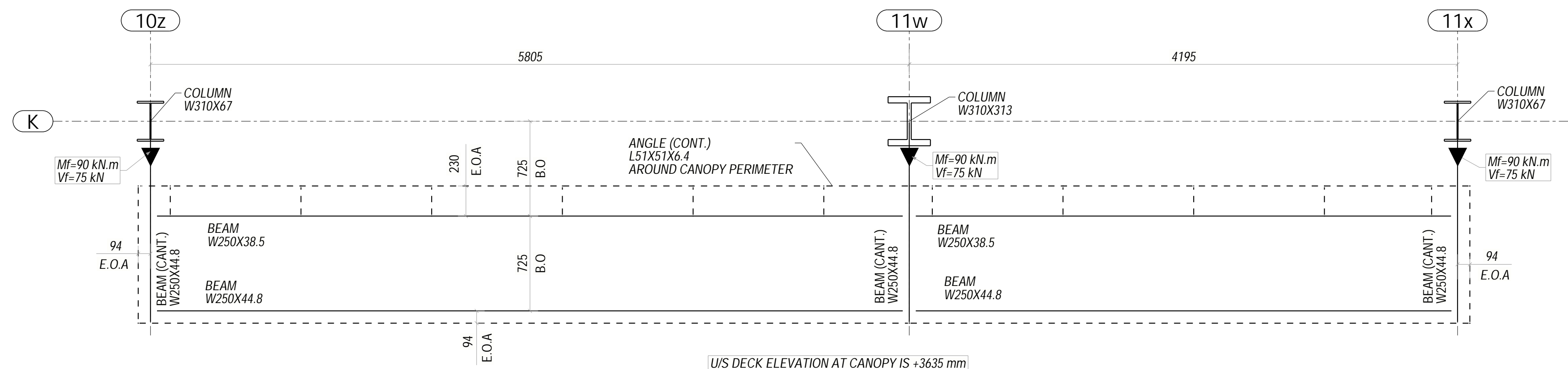
PLEASE VERIFY ALL BASE PLATE HOLE PATTERNS ARE ACCEPTABLE.

PLEASE VERIFY ALL CLOUDED DIMENSIONS.

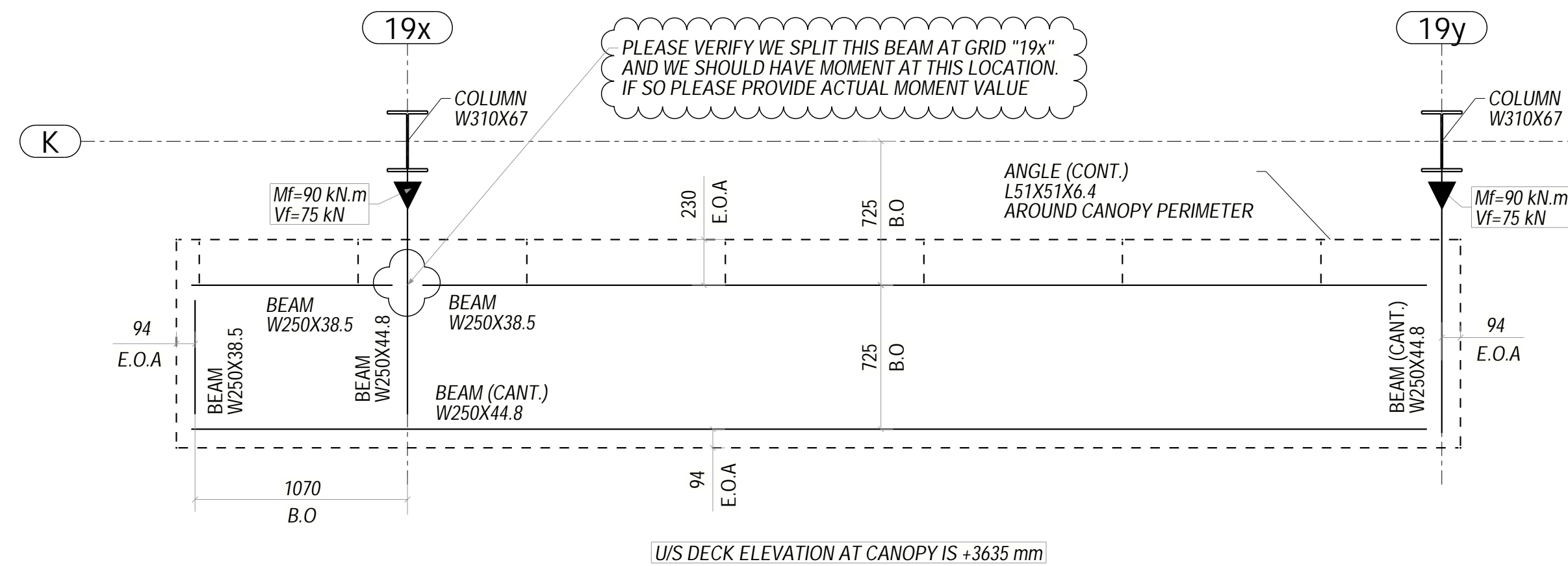




U/S DECK ELEVATION AT CANOPY IS +3635 mm
A CANOPY FRAMING PLAN
 E8 (REF: S3)



U/S DECK ELEVATION AT CANOPY IS +3635 mm
B CANOPY FRAMING PLAN
 E8 (REF: S3)

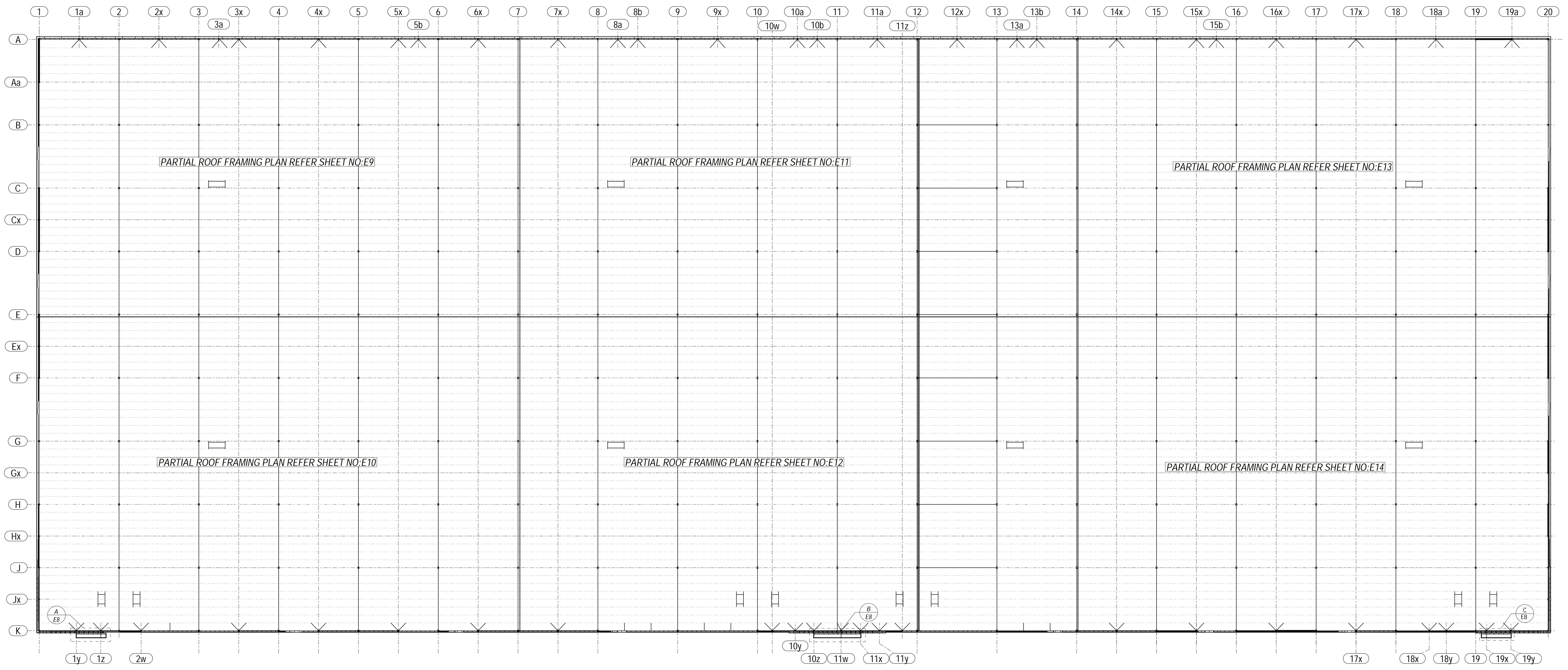


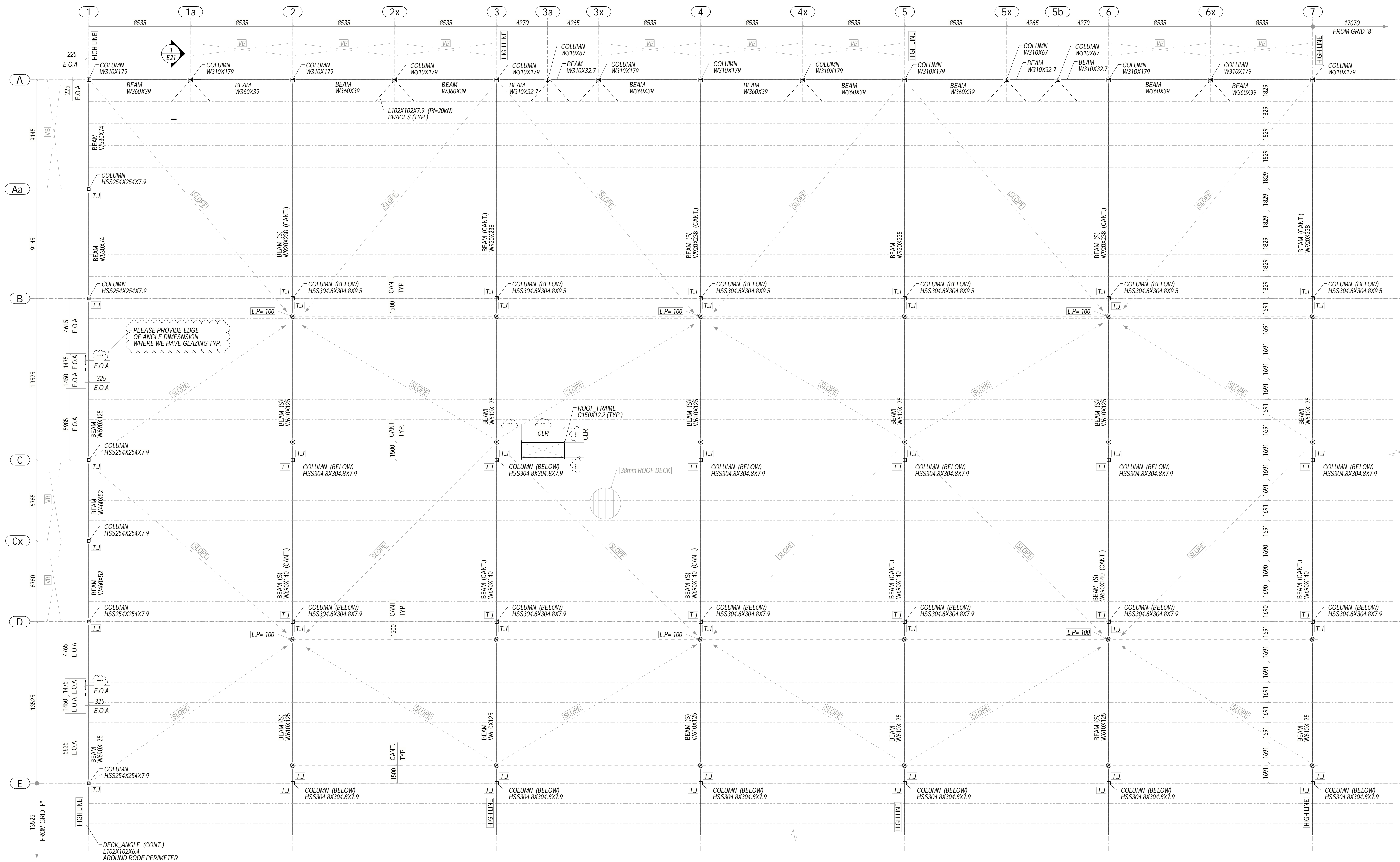
U/S DECK ELEVATION AT CANOPY IS +3635 mm
C CANOPY FRAMING PLAN
 E8 (REF: S3)

- NOTES:
- 1) E.O.A DENOTES EDGE OF ANGLE
 - 2) L.P DENOTES LOW POINT
 - 3) (S) DENOTES BEAM IS SLOPED
 - 4) T.J DENOTES TIE JOIST
 - 5) ⊗ DENOTES BEAM SPLICE LOCATION
 - 6) U.N.O DENOTES UNLESS NOTED OTHERWISE
 - 7) CLR MEANS CLEAR
 - 8) VB DENOTES VERTICAL BRACE
 - 9) CANT. DENOTES CANTILEVER
 - 10) B.O DENOTES BEAM OFFSET
 - 11) ▲ DENOTES MOMENT CONNECTION

FINISH NOTE:
 ALL STRUCTURAL STEEL SHALL RECEIVE ONE SHOP COAT PRIMER

PLEASE PROVIDE ANSWERS FOR ALL THE CLOUDED DIMENSIONS AND QUERIES





FOR CONTINUATION
REFER SHEET NO: E11

- NOTES:**
- 1) E.O.A DENOTES EDGE OF ANGLE
 - 2) L.P DENOTES LOW POINT
 - 3) (S) DENOTES BEAM IS SLOPED
 - 4) T.J DENOTES TIE JOIST
 - 5) @ DENOTES BEAM SPLICE LOCATION
 - 6) U.N.O DENOTES UNLESS NOTED OTHERWISE
 - 7) CLR MEANS CLEAR
 - 8) VB DENOTES VERTICAL BRACE
 - 9) CANT. DENOTES CANTILEVER
 - 10) B.O DENOTES BEAM OFFSET
 - 11) ▲ DENOTES MOMENT CONNECTION

- JOIST NOTES:**
- 1) ALL JOISTS ARE 1000mm DEEP OWSJ (UNLESS NOTED ON PLAN)
 - 2) JOIST SHOE DEPTH IS 100mm
 - 3) ALL JOISTS SPACING WILL BE MATCHED AS PER JOIST DRAWINGS
 - 4) ALL JOIST CONNECTIONS WILL BE MATCHED AS PER JOIST DRAWINGS
 - 5) JOIST BRIDGING WILL BE SUPPLIED BY JOIST SUPPLIER

- GENERAL NOTES:**
- 1) TOP OF CONCRETE SLAB (+0.00) IS TAKEN AS DATUM ELEVATION
 - 2) UNDER SIDE OF DECK ELEVATION AT HIGH POINT IS (+1324mm) U.N.O
 - 3) LOW POINT ELEVATION IS REFERRED FROM HIGH POINT.

FINISH NOTE:
ALL STRUCTURAL STEEL SHALL RECEIVE ONE SHOP COAT PRIMER

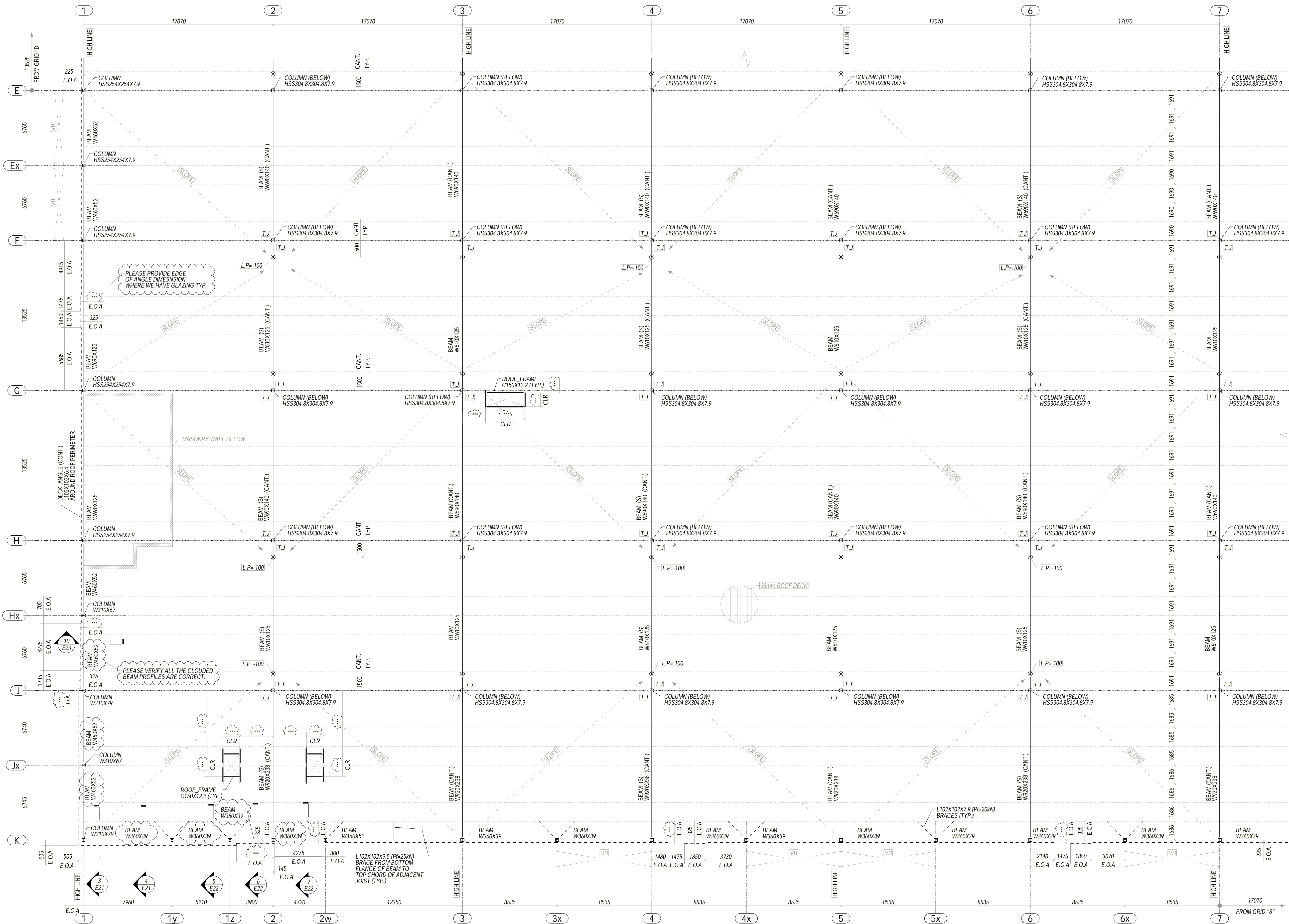
PLEASE VERIFY WE HAVE ALL ROOF PERIMETER ANGLE 25mm BACK FROM INSIDE OF PRECAST PANEL (WHERE WE HAVE PRECAST PANEL)

PLEASE VERIFY ALL EDGE OF ANGLE DIMENSIONS WE SHOWN ON PLAN CORRECT

PARTIAL ROOF FRAMING PLAN
(REF: S3)

FOR CONTINUATION
REFER SHEET NO: E10





FOR CONTINUATION
REFER SHEET NO. E9

FOR CONTINUATION
REFER SHEET NO. E12

- NOTES:
- 1) E.O.A DENOTES EDGE OF ANGLE
 - 2) L.P DENOTES LOW POINT
 - 3) (S) DENOTES BEAM IS SLOPED
 - 4) T.J DENOTES TIE JOIST
 - 5) ⊗ DENOTES BEAM SPLICE LOCATION
 - 6) U.N.O DENOTES UNLESS NOTED OTHERWISE
 - 7) CLR MEANS CLEAR
 - 8) VB DENOTES VERTICAL BRACE
 - 9) CANT. DENOTES CANTILEVER
 - 10) B.O DENOTES BEAM OFFSET
 - 11) ▲ DENOTES MOMENT CONNECTION

- JOIST NOTES:
- 1) ALL JOISTS ARE 1000mm DEEP OWSJ (UNLESS NOTED ON PLAN)
 - 2) JOIST SHOE DEPTH IS 100mm
 - 3) ALL JOISTS SPACING WILL BE MATCHED AS PER JOIST DRAWINGS
 - 4) ALL JOIST CONNECTIONS WILL BE MATCHED AS PER JOIST DRAWINGS
 - 5) JOIST BRIDGING WILL BE SUPPLIED BY JOIST SUPPLIER

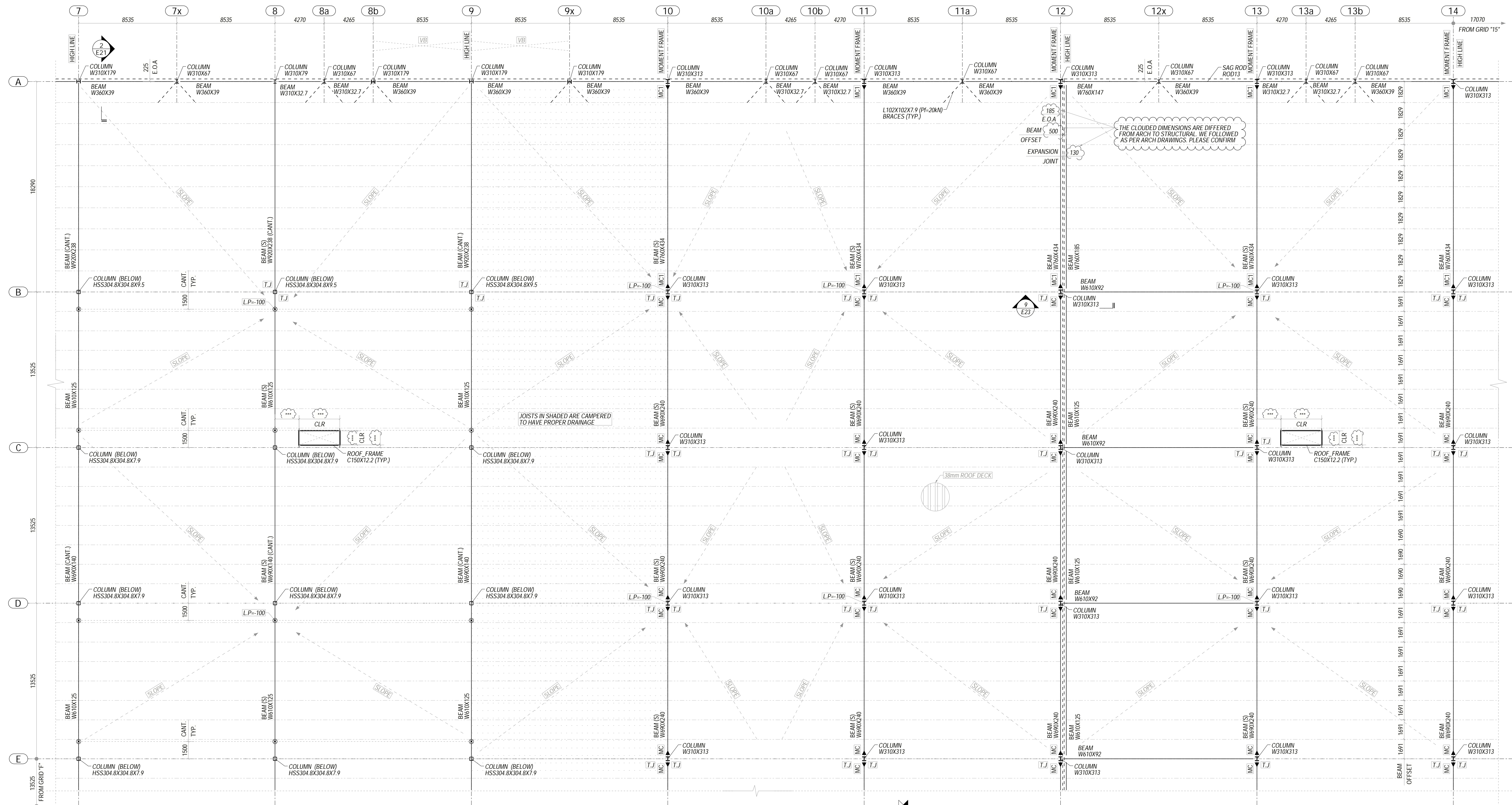
- GENERAL NOTES:
- 1) TOP OF CONCRETE SLAB (+0.00) IS TAKEN AS DATUM ELEVATION
 - 2) UNDER SIDE OF DECK ELEVATION AT HIGH POINT IS (+13240mm) U.N.O
 - 3) LOW POINT ELEVATION IS REFERRED FROM HIGH POINT.

FINISH NOTE:
ALL STRUCTURAL STEEL SHALL RECEIVE ONE SHOP COAT PRIMER

PLEASE VERIFY ALL EDGE OF ANGLE DIMENSIONS WE SHOWN ON PLAN CORRECT

PARTIAL ROOF FRAMING PLAN
(REF: S3)





PARTIAL ROOF FRAMING PLAN (REF: S3)

- NOTES:**
- 1) E.O.A DENOTES EDGE OF ANGLE
 - 2) L.P DENOTES LOW POINT
 - 3) (S) DENOTES BEAM IS SLOPED
 - 4) T.J DENOTES TIE JOIST
 - 5) ⊗ DENOTES BEAM SPLICE LOCATION
 - 6) U.N.O DENOTES UNLESS NOTED OTHERWISE
 - 7) CLR MEANS CLEAR
 - 8) VB DENOTES VERTICAL BRACE
 - 9) CANT. DENOTES CANTILEVER
 - 10) B.O DENOTES BEAM OFFSET
 - 11) ▲ DENOTES MOMENT CONNECTION

- FINISH NOTE:**
ALL STRUCTURAL STEEL SHALL RECEIVE ONE SHOP COAT PRIMER
- GENERAL NOTES:**
- 1) TOP OF CONCRETE SLAB (+0.00) IS TAKEN AS DATUM ELEVATION
 - 2) UNDER SIDE OF DECK ELEVATION AT HIGH POINT IS (+13240mm) U.N.O
 - 3) LOW POINT ELEVATION IS REFERRED FROM HIGH POINT.
- JOIST NOTES:**
- 1) ALL JOISTS ARE 1000mm DEEP OWSJ (UNLESS NOTED ON PLAN)
 - 2) JOIST SHOE DEPTH IS 100mm
 - 3) ALL JOISTS SPACING WILL BE MATCHED AS PER JOIST DRAWINGS
 - 4) ALL JOIST CONNECTIONS WILL BE MATCHED AS PER JOIST DRAWINGS
 - 5) JOIST BRIDGING WILL BE SUPPLIED BY JOIST SUPPLIER

MOMENT CONNECTION VALUE:
MC = M = ±1500 kN.m
MC1 = M = ±2500 kN.m

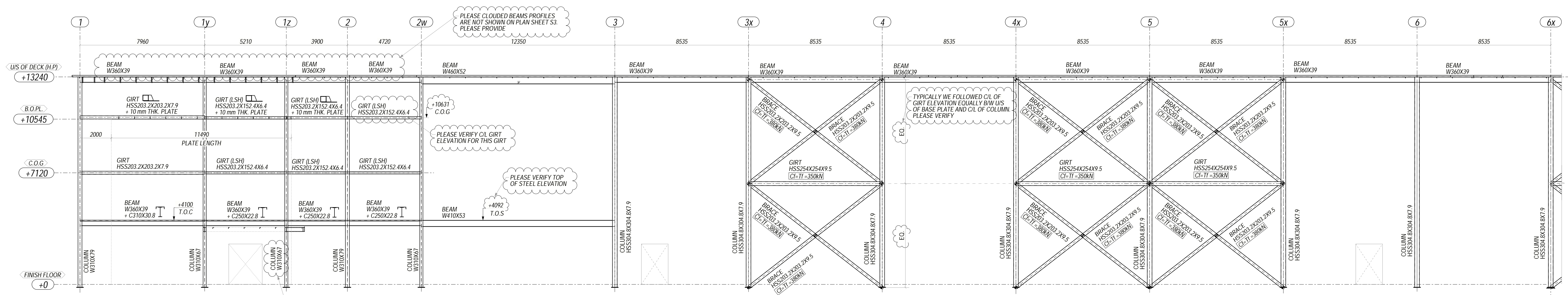
STRUCTURAL DRAWINGS DON'T HAVE VALUE FOR MC1. SO WE ASSUMED MC1 AS ±2500 kN.m PLEASE VERIFY

PLEASE PROVIDE ANSWER FOR ALL CLOUDED DIMENSIONS AND QUERIES

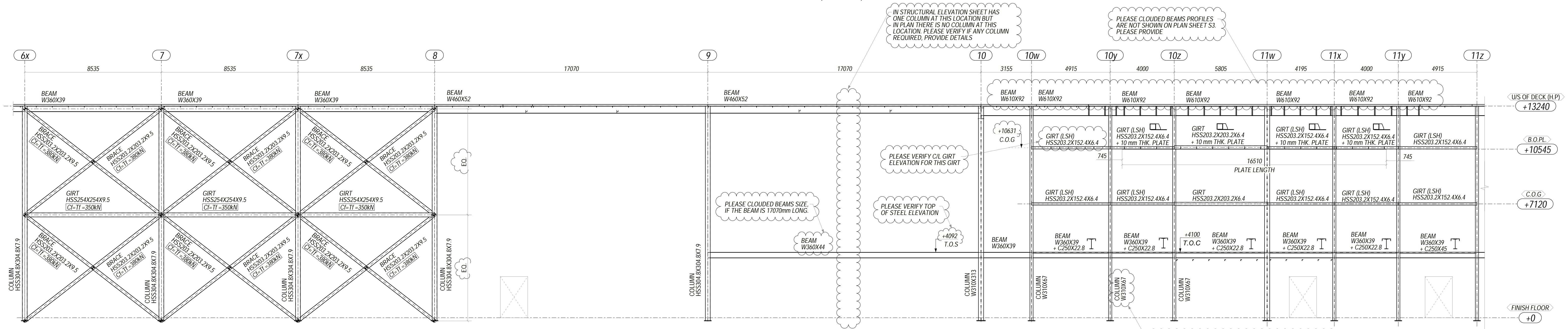
PLEASE VERIFY ALL EDGE OF ANGLE DIMENSIONS WE SHOWN ON PLAN CORRECT

THE CLOUDED DIMENSIONS ARE DIFFERED FROM ARCH TO STRUCTURAL. WE FOLLOWED AS PER ARCH DRAWINGS. PLEASE CONFIRM





ELEVATION ALONG GRID LINE - K
(REF: S6)



ELEVATION ALONG GRID LINE - K
(REF: S6)

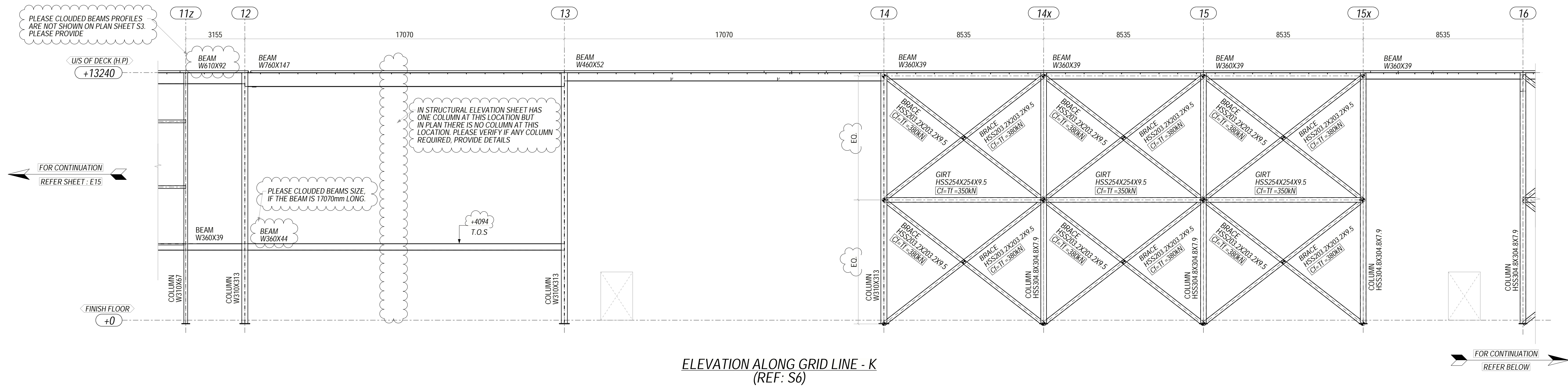
- NOTES:
1. T.O.S DENOTES TOP OF STEEL ELEVATION.
 2. C.O.G DENOTES CENTRE OF GIRT ELEVATION.
 3. T.O.C DENOTES TOP OF CHANNEL ELEVATION.
 4. LSH DENOTES LONG SIDE HORIZONTAL.
 5. □ DENOTES BRACE WORK POINT.

PLEASE PROVIDE ANSWER FOR ALL THE CLODED DIMENSION AND QUERIES

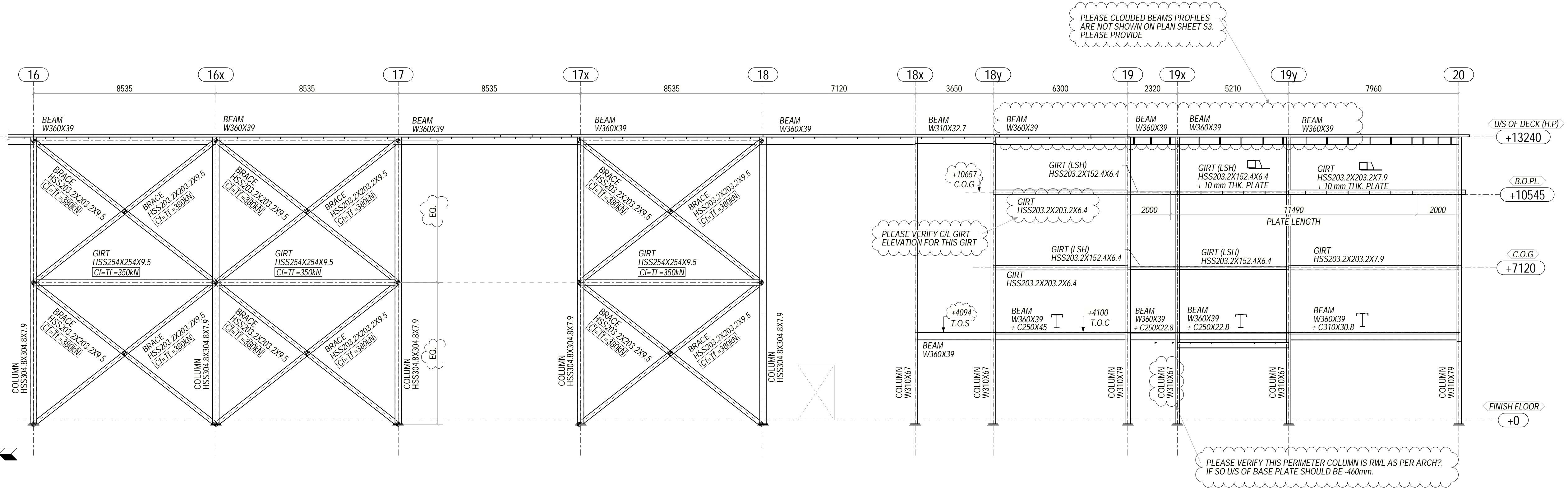
WE FOLLOWED -200mm US OF BASE PLATE ELEVATION FOR PERIMETER COLUMNS TYP AS IT'S NOT SHOWN IN STRUCTURAL DRAWINGS.

ALSO PLEASE VERIFY WE FOLLOWED ALL THE VERTICAL BRACE WORKING POINT IS AT US OF BASE PLATE TYP.





ELEVATION ALONG GRID LINE - K
(REF: S6)

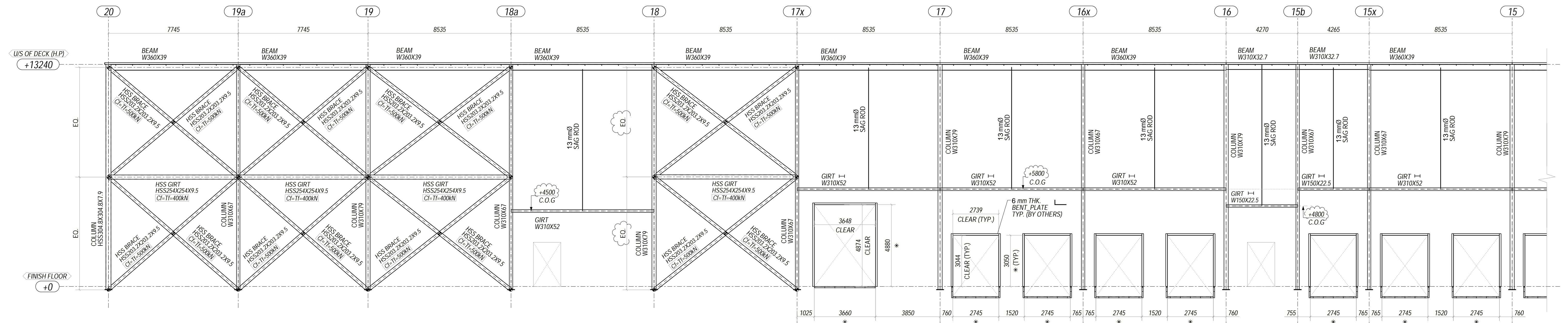


ELEVATION ALONG GRID LINE - K
(REF: S6)

- NOTES:
1. T.O.S DENOTES TOP OF STEEL ELEVATION.
 2. C.O.G DENOTES CENTRE OF GIRT ELEVATION.
 3. T.O.C DENOTES TOP OF CHANNEL ELEVATION.
 4. LSH DENOTES LONG SIDE HORIZONTAL.
 5. ⚡ DENOTES BRACE WORK POINT.

PLEASE PROVIDE ANSWER FOR ALL THE CLODED DIMENSION AND QUERIES

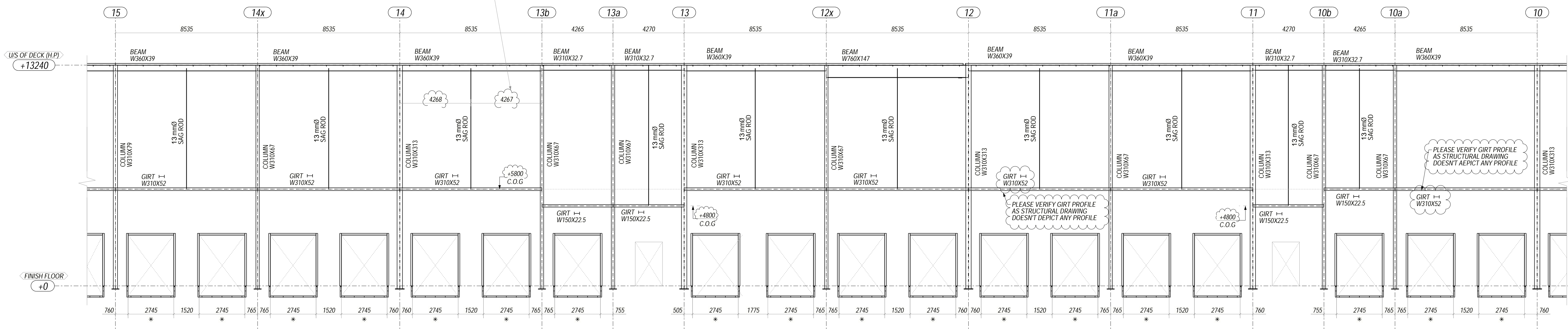




ELEVATION ALONG GRID LINE - A
(REF: S7)

FOR CONTINUATION
REFER BELOW

AS PER STRUCTURAL DRAWING WE SHOULD FOLLOW THE SPACING 1800mm MAX. BUT IN ELEVATION SHEET SHOWS ONLY ONE SAG ROD. PLEASE ADVISE WHICH IS CORRECT. THERE ARE MANY LOCATION LIKE THIS.



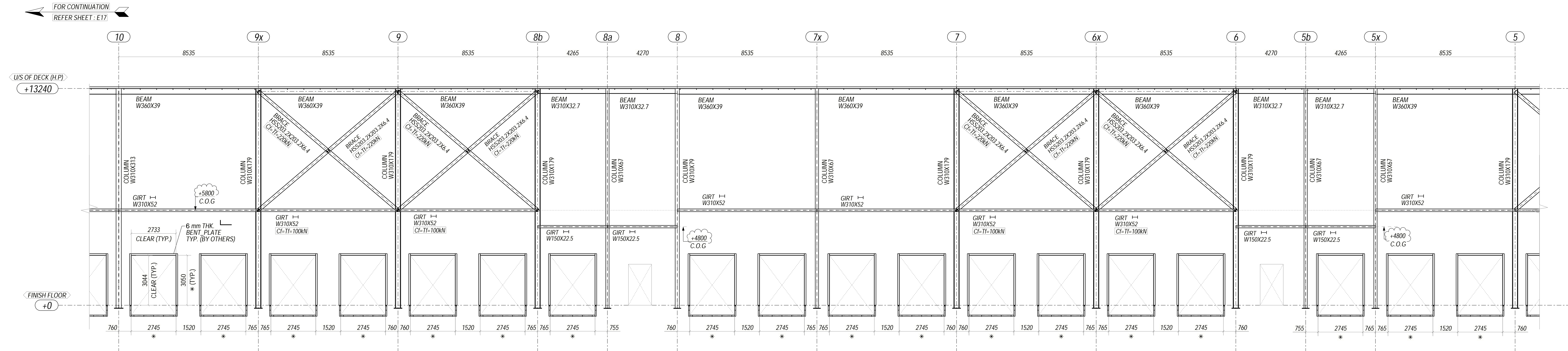
ELEVATION ALONG GRID LINE - A
(REF: S7)

FOR CONTINUATION
REFER ABOVE

FOR CONTINUATION
REFER SHEET: E18

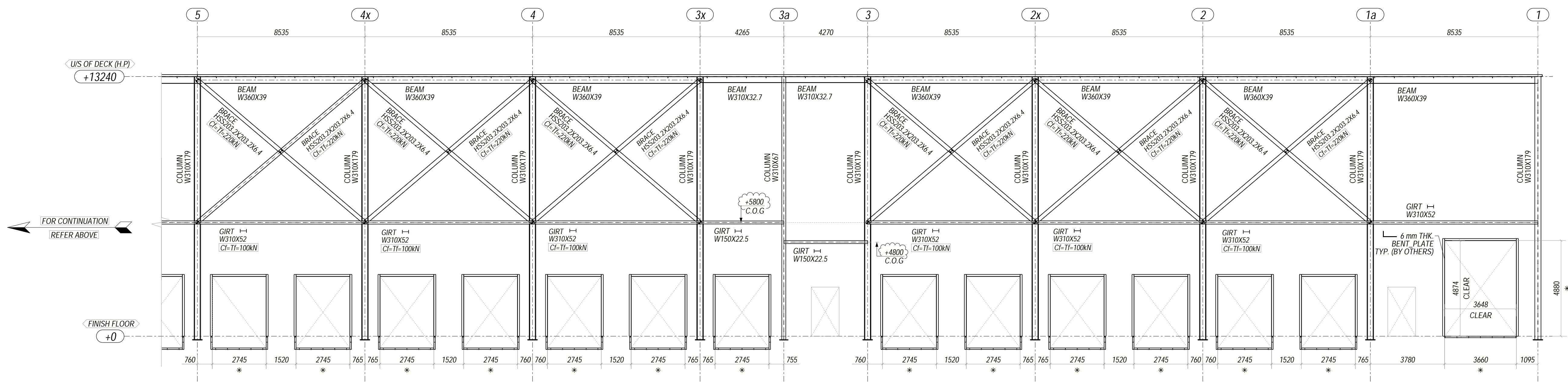
- NOTES:
1. C.O.G DENOTES CENTRE OF GIRT ELEVATION.
 2. ⬤ DENOTES BRACE WORK POINT.
 3. * DENOTES OPENING IN PRECAST PANEL.

PLEASE PROVIDE ANSWER FOR ALL THE CLOSED DIMENSION AND QUERIES



ELEVATION ALONG GRID LINE - A
(REF: S7)

FOR CONTINUATION
REFER BELOW



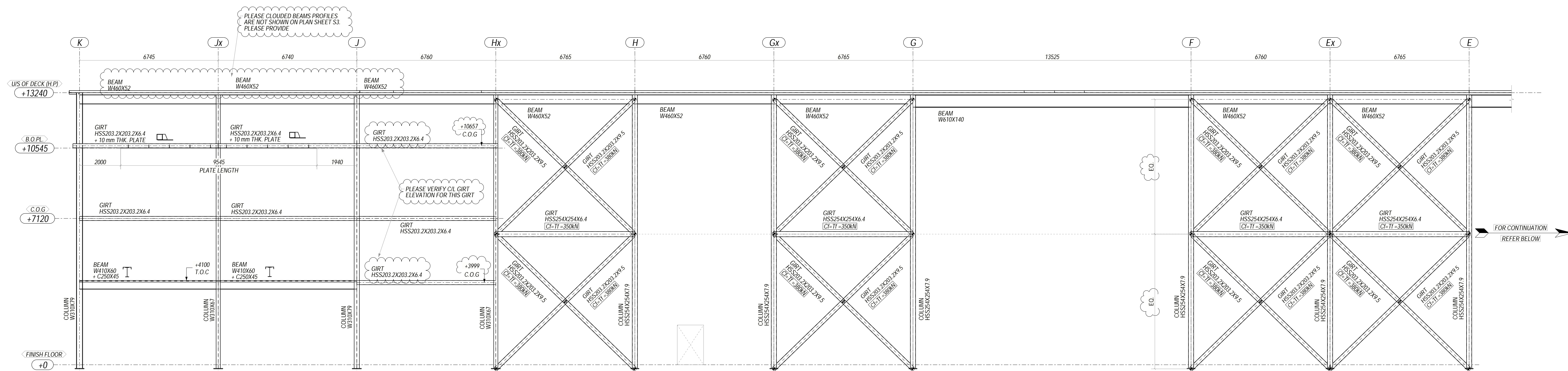
ELEVATION ALONG GRID LINE - A
(REF: S7)

FOR CONTINUATION
REFER ABOVE

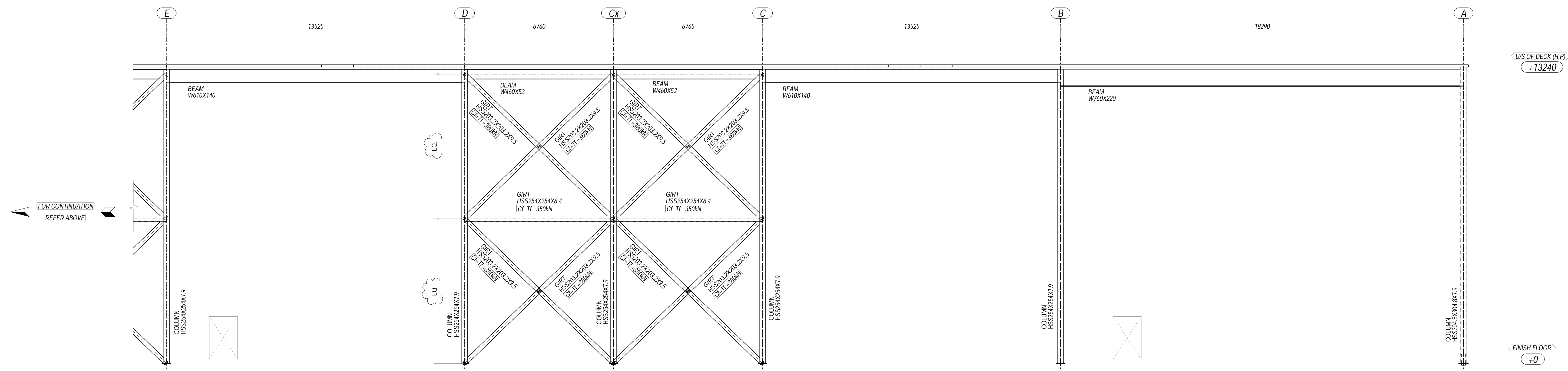
- NOTES:
1. C.O.G DENOTES CENTRE OF GIRT ELEVATION.
 2. ⬤ DENOTES BRACE WORK POINT.
 3. * DENOTES OPENING IN PRECAST PANEL.

PLEASE PROVIDE ANSWER FOR ALL THE CLODED DIMENSION AND QUERIES





ELEVATION ALONG GRID LINE - 20
(REF: S6)

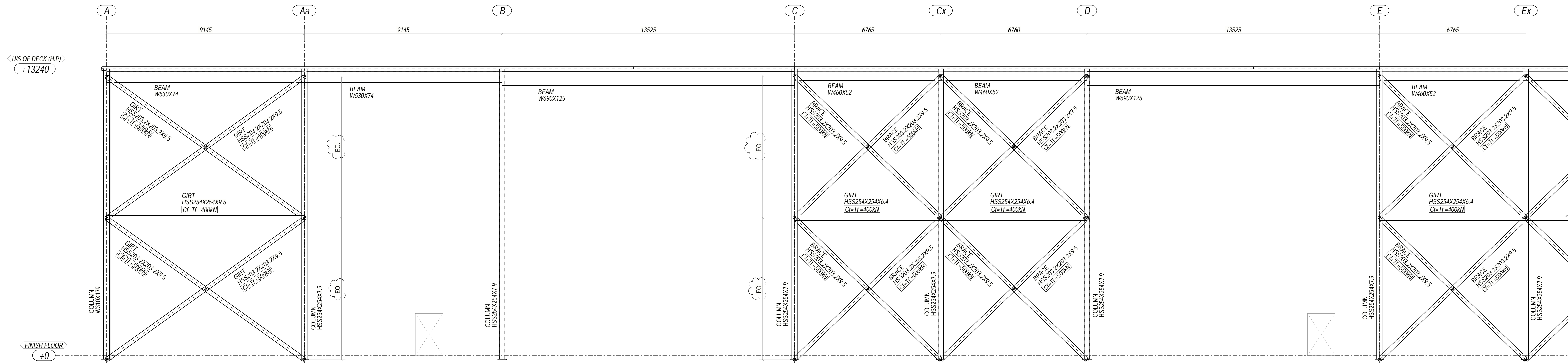


ELEVATION ALONG GRID LINE - 20
(REF: S6)

- NOTES:
1. T.O.S DENOTES TOP OF STEEL ELEVATION.
 2. C.O.G DENOTES CENTRE OF GIRT ELEVATION.
 3. T.O.C DENOTES TOP OF CHANNEL ELEVATION.
 4. L.S.H DENOTES LONG SIDE HORIZONTAL.
 5. ⬇ DENOTES BRACE WORK POINT.

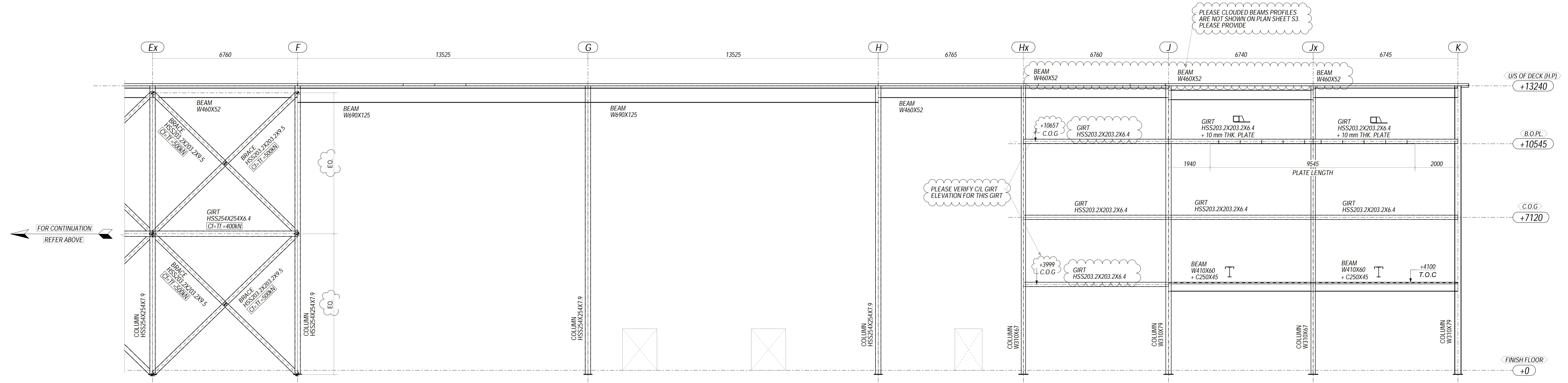
PLEASE PROVIDE ANSWER FOR ALL THE CLODED DIMENSION AND QUERIES





ELEVATION ALONG GRID LINE - 1
(REF: S7)

FOR CONTINUATION
REFER BELOW

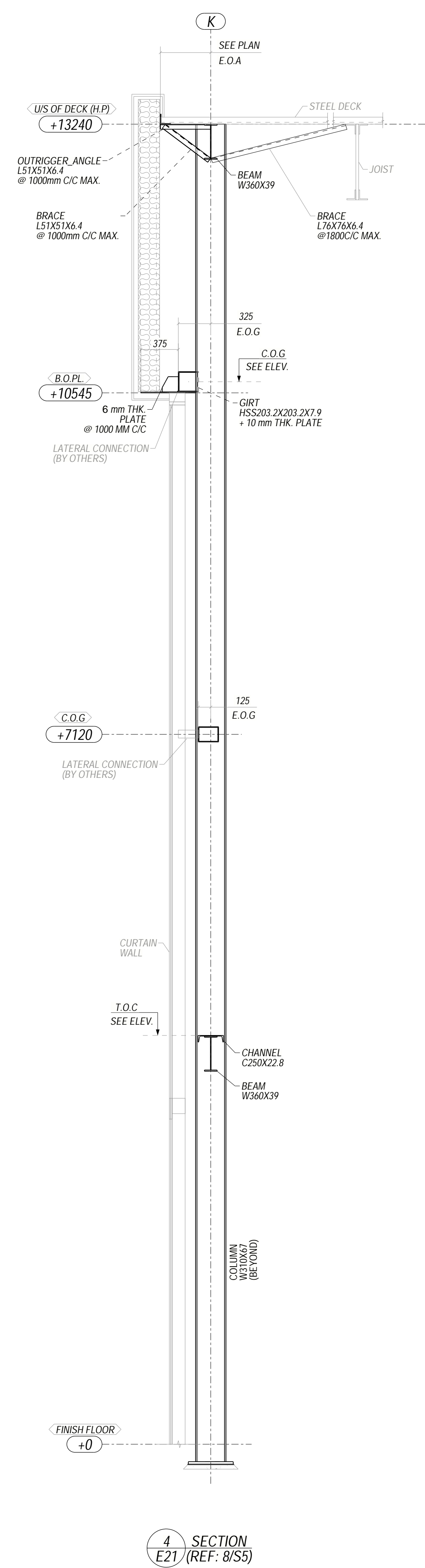
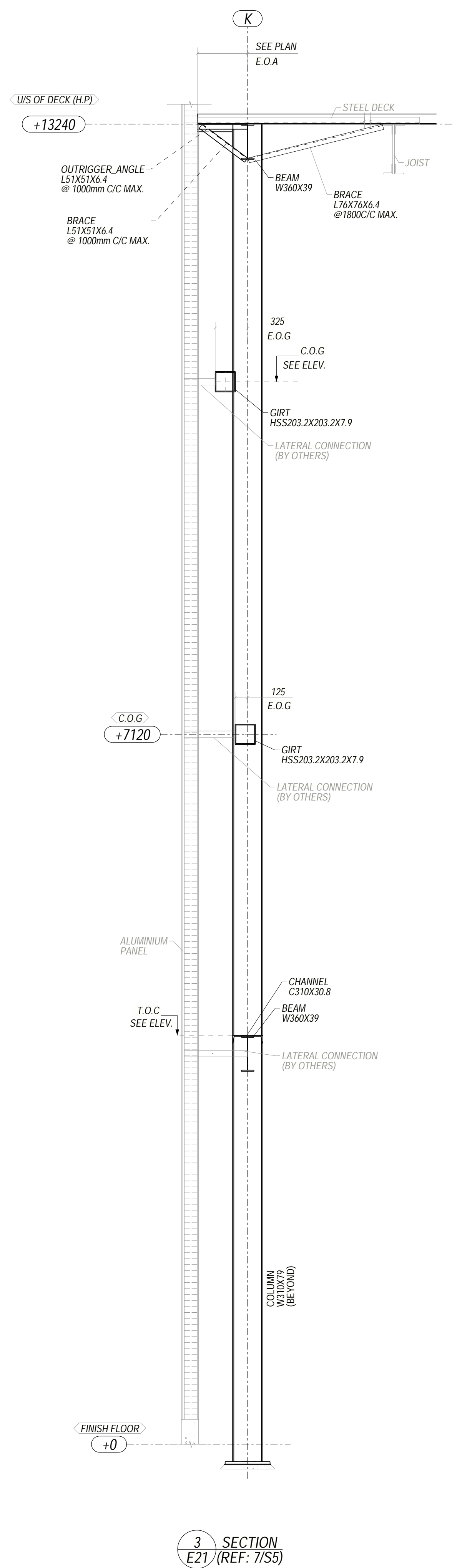
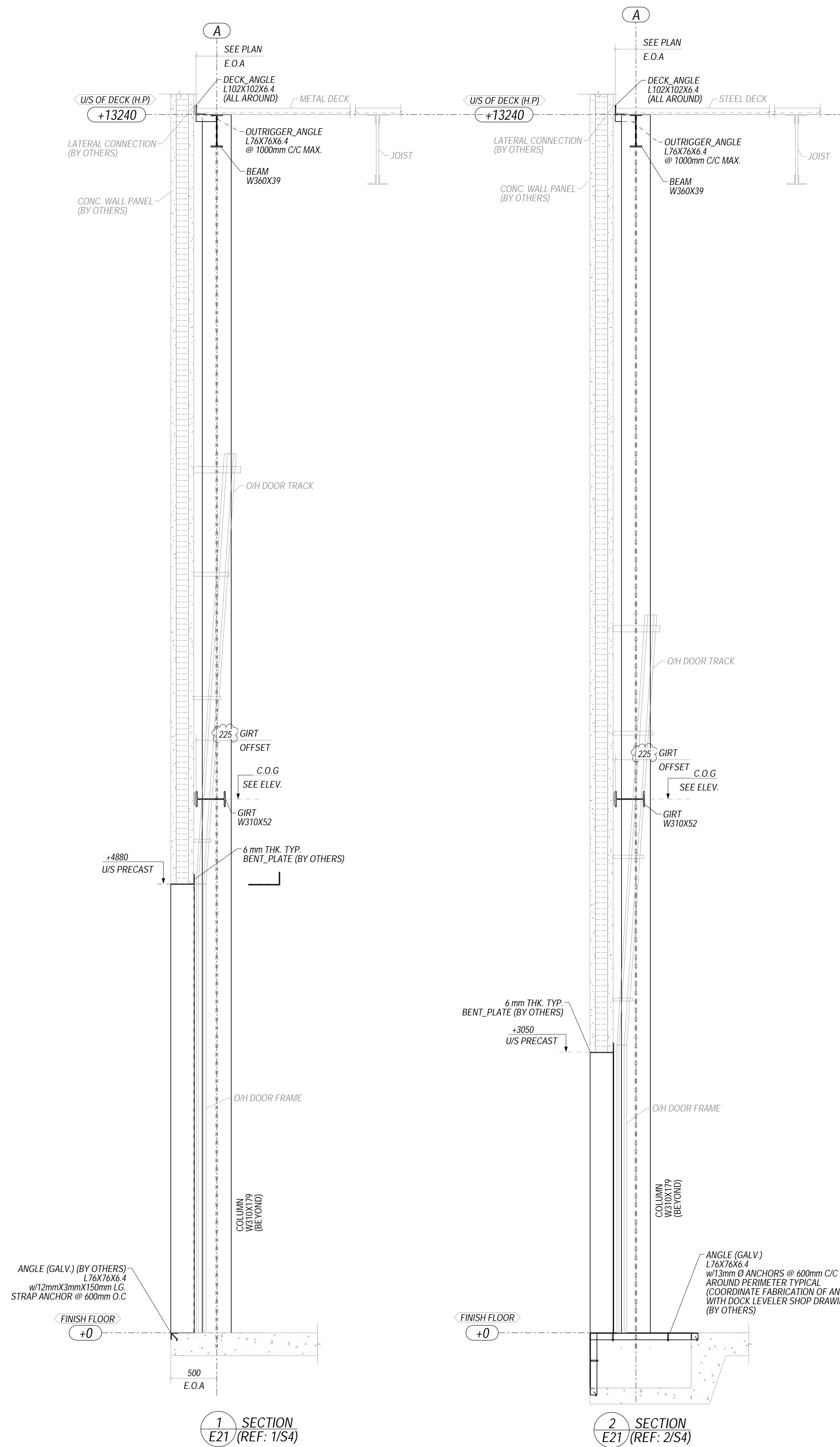


ELEVATION ALONG GRID LINE - 1
(REF: S7)

- NOTES:
1. T.O.S DENOTES TOP OF STEEL ELEVATION.
 2. C.O.G DENOTES CENTRE OF GIRTS ELEVATION.
 3. T.O.C DENOTES TOP OF CHANNEL ELEVATION.
 4. LSH DENOTES LONG SIDE HORIZONTAL.
 5. ♣ DENOTES BRACE WORK POINT.

PLEASE PROVIDE ANSWER FOR ALL THE CLODED DIMENSION AND QUERIES





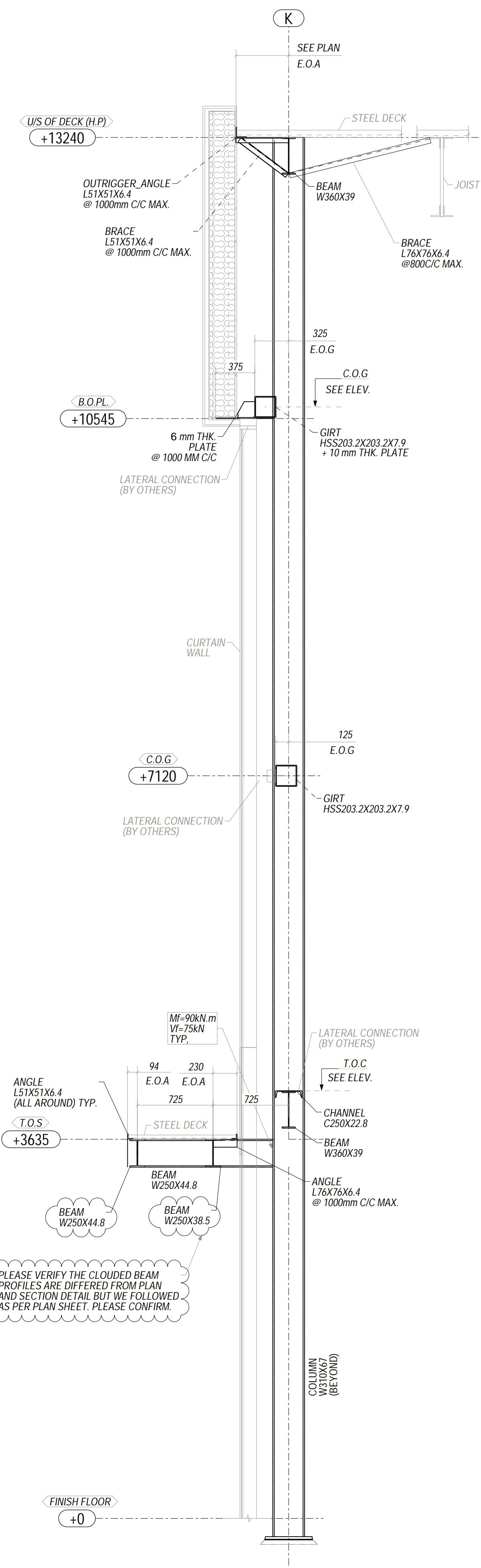
PLEASE PROVIDE ANSWER FOR ALL THE CLOSED DIMENSION AND QUERIES



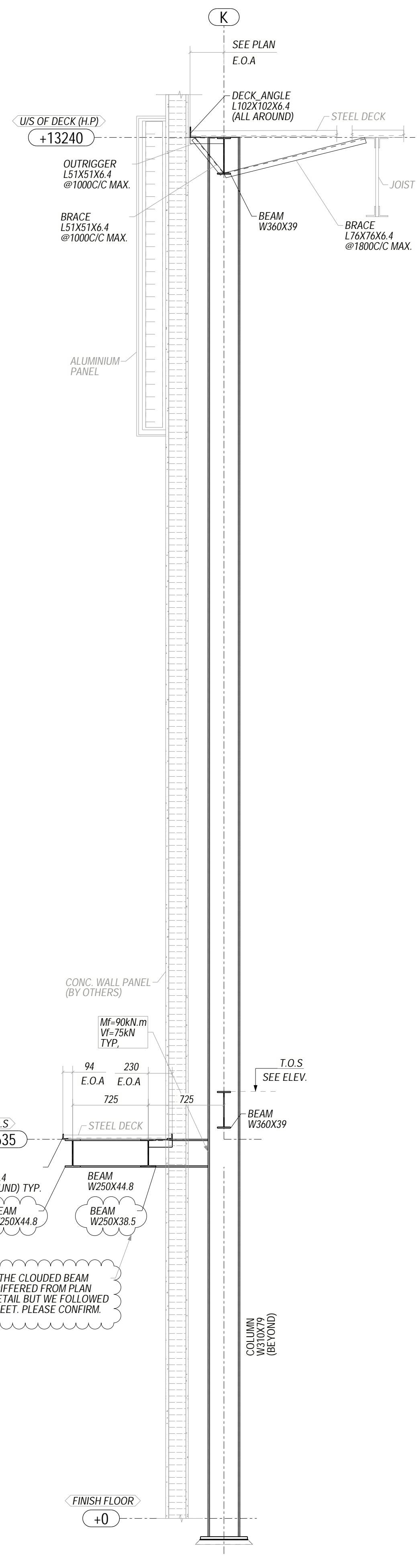
Expertise
Steel Detailing
Precision in every piece



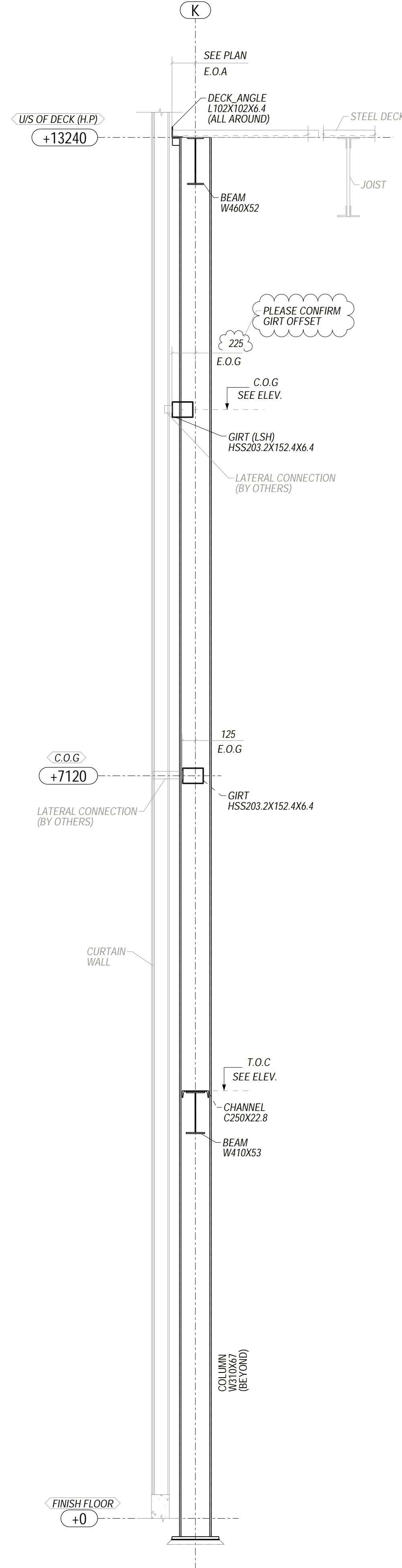
Expertise
Steel Detailing
Precision in every piece



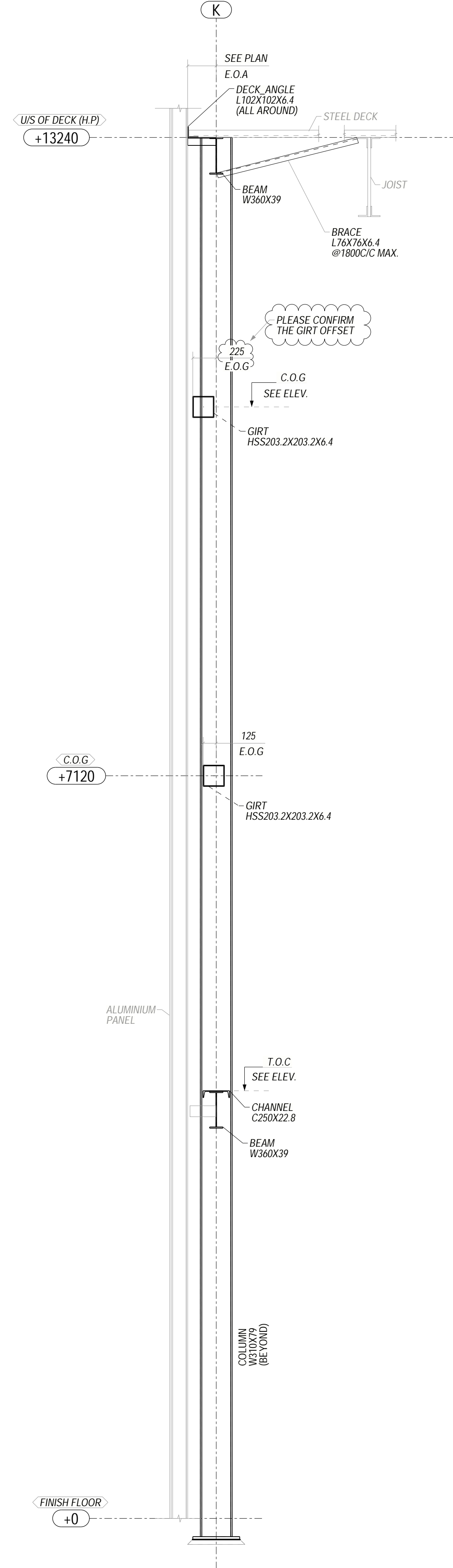
5 SECTION
E22 (REF: 3/S4)



6 SECTION
E22 (REF: 5/S5)



7 SECTION
E22 (REF: 6/S5)



8 SECTION
E22 (REF: 4/S4)

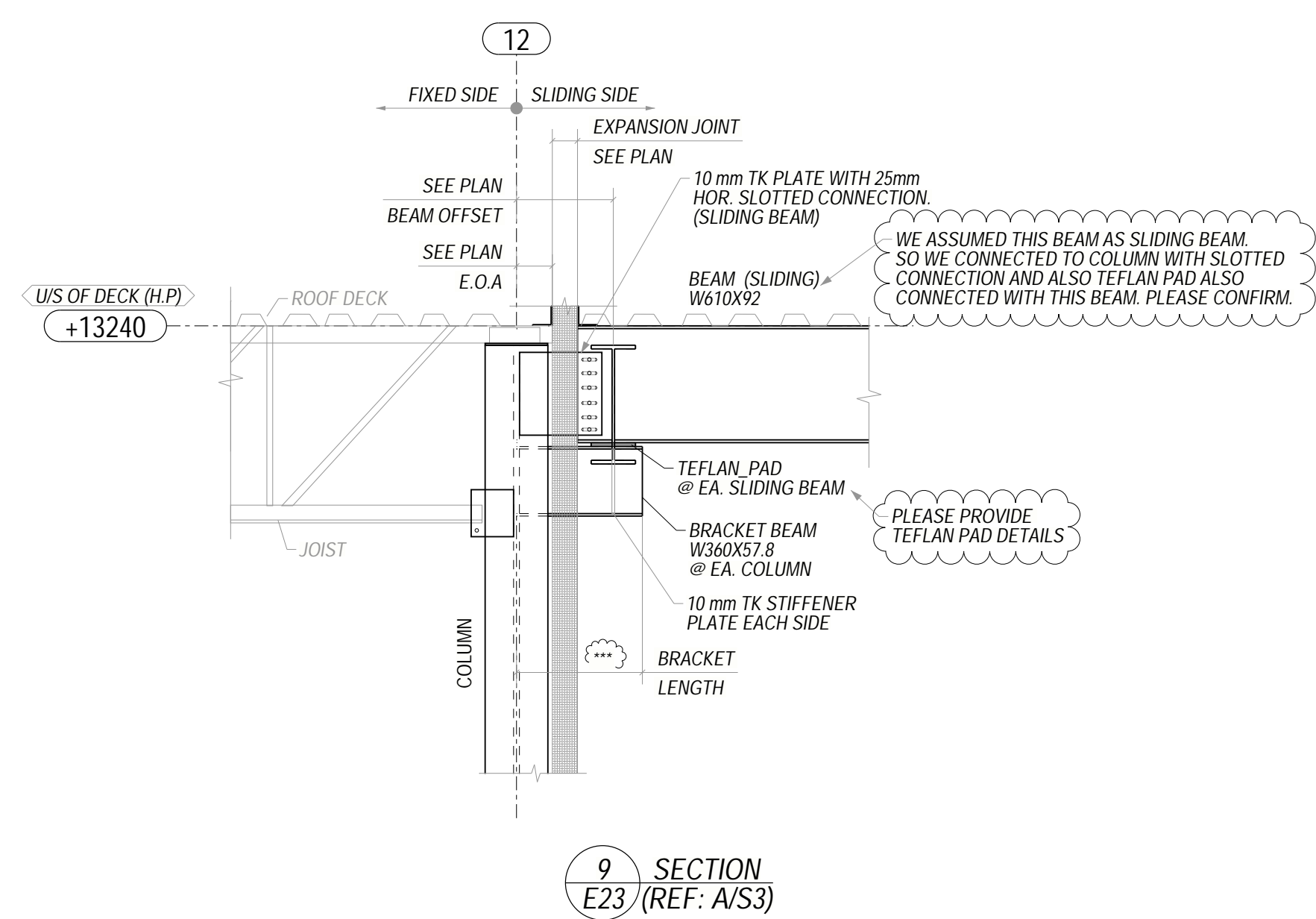
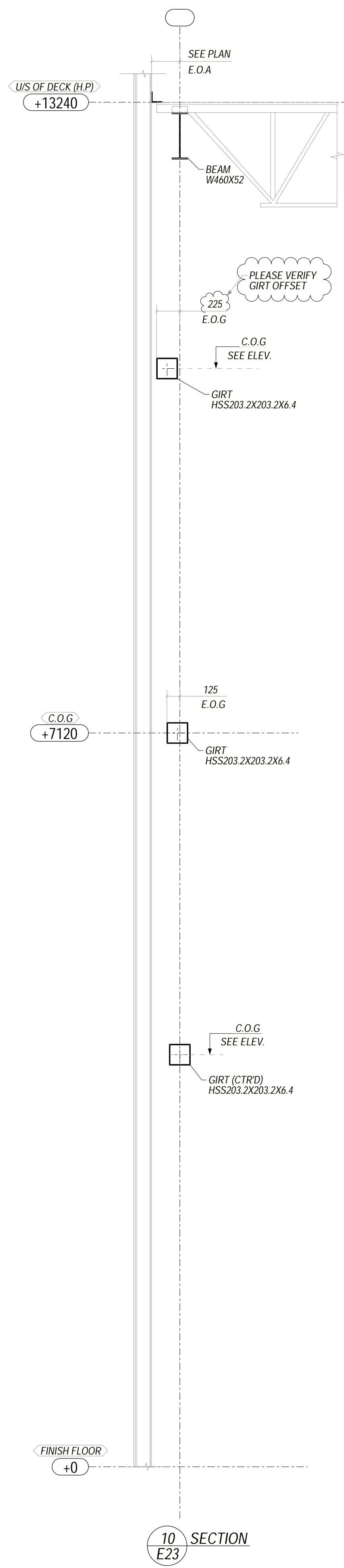
PLEASE VERIFY THE CLOUDED BEAM PROFILES ARE DIFFERED FROM PLAN AND SECTION DETAIL BUT WE FOLLOWED AS PER PLAN SHEET. PLEASE CONFIRM.

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PLEASE CONFIRM GIRT OFFSET

PLEASE CONFIRM THE GIRT OFFSET

PLEASE PROVIDE ANSWER FOR ALL THE CLODED DIMENSION AND QUERIES



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