

Sheet List (Preliminary Drawings)	
Sheet Number	Sheet Name
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A01	Site Plan
A02	First Floor Plan
A03	Second Floor Plan
A04	North and West Elevations
A05	South and East Elevations
A06	Building Sections

Sheet List (Preliminary Drawings)	
Sheet Number	Sheet Name
S01	Structural Foundation Plan
S02	Structural Steel Roof Plan
S03	Second Floor Steel Plan
D01	EIFS Corner Details
D02	Precast and Foundation Details
D03	Wall Sections

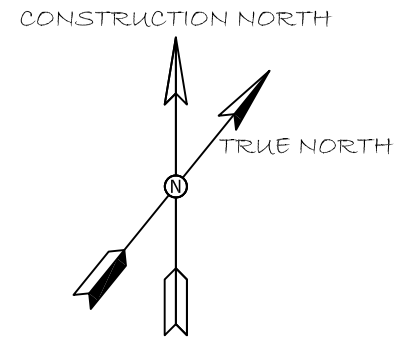
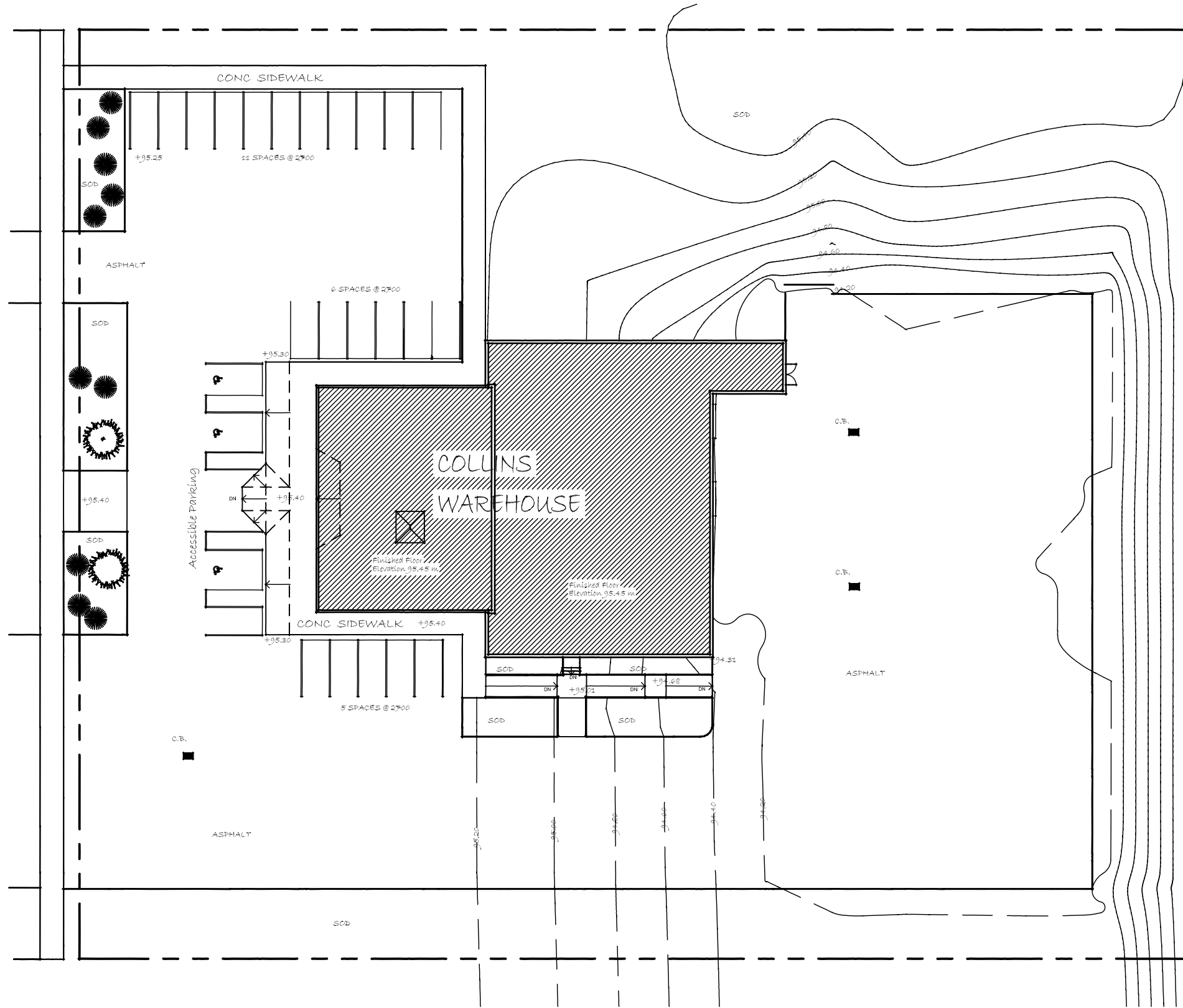
CADD12384  
Collins  
Warehouse

Cover Sheet

03/19

1:200

A00



**Collins**

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Warehouse

Site plan

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1:400

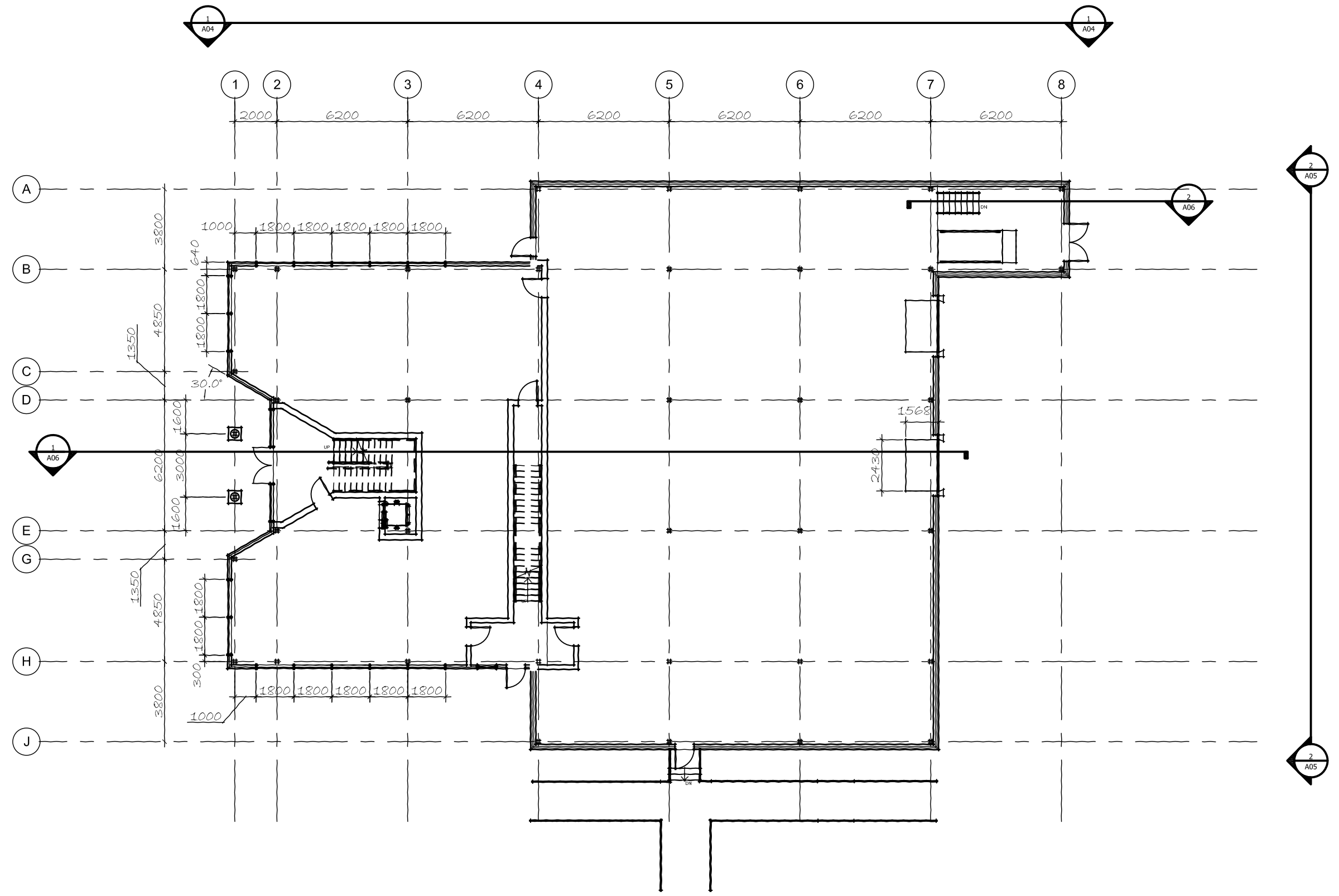
A01

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First Floor Plan

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A02



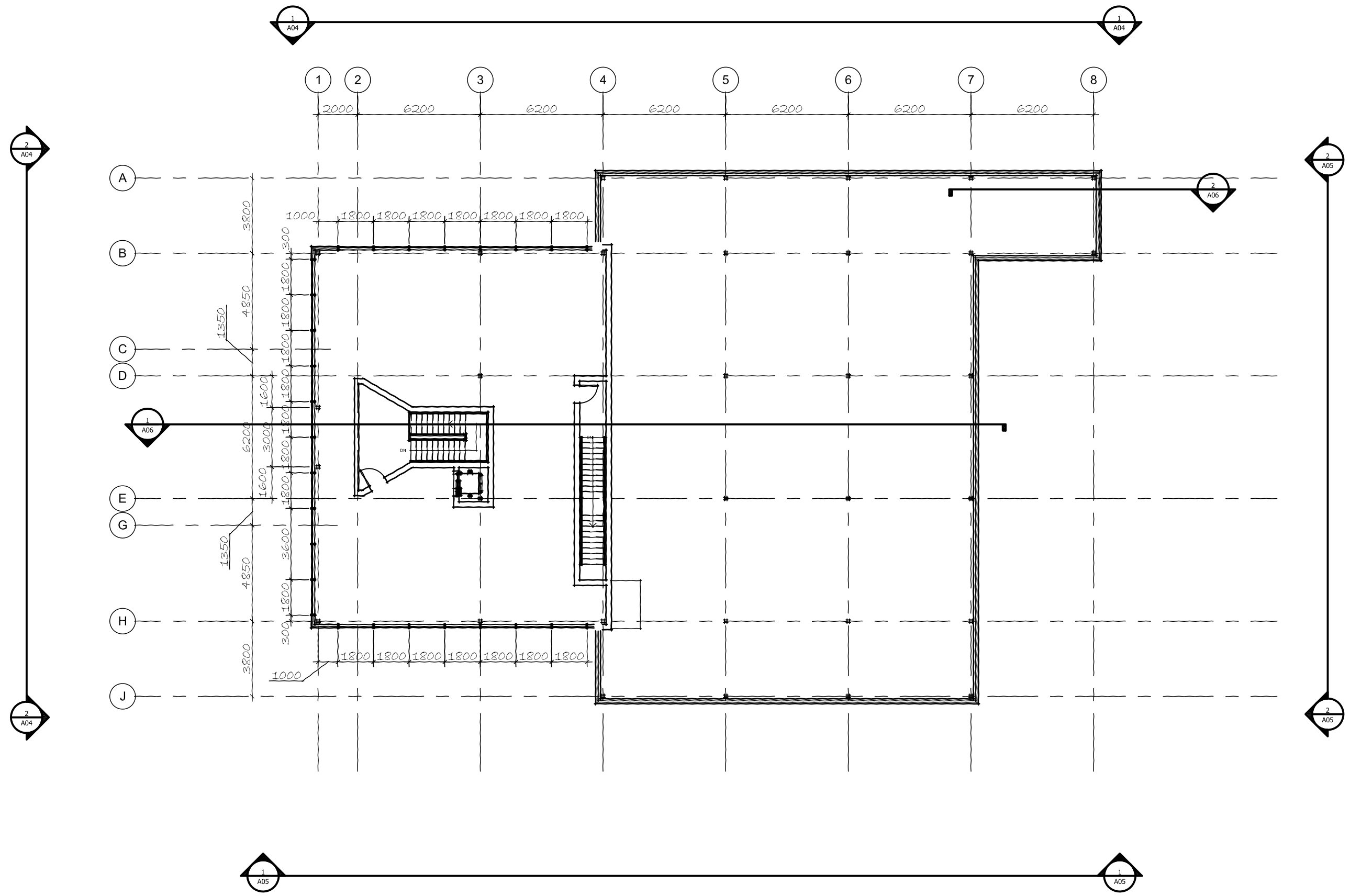
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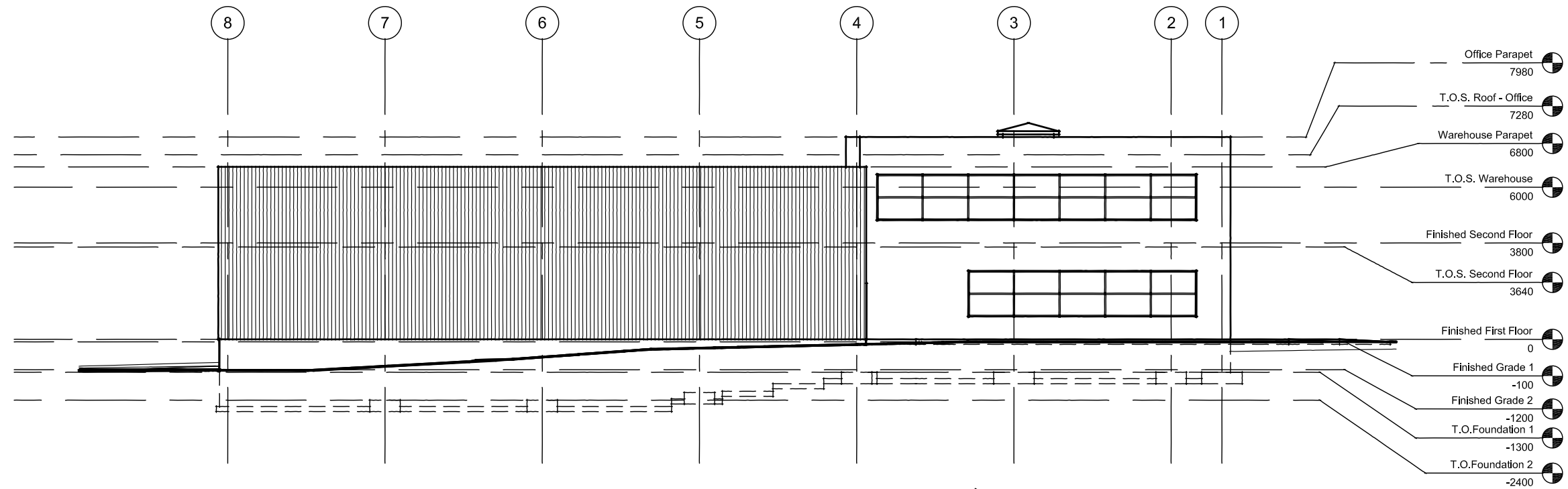
Second Floor  
Plan

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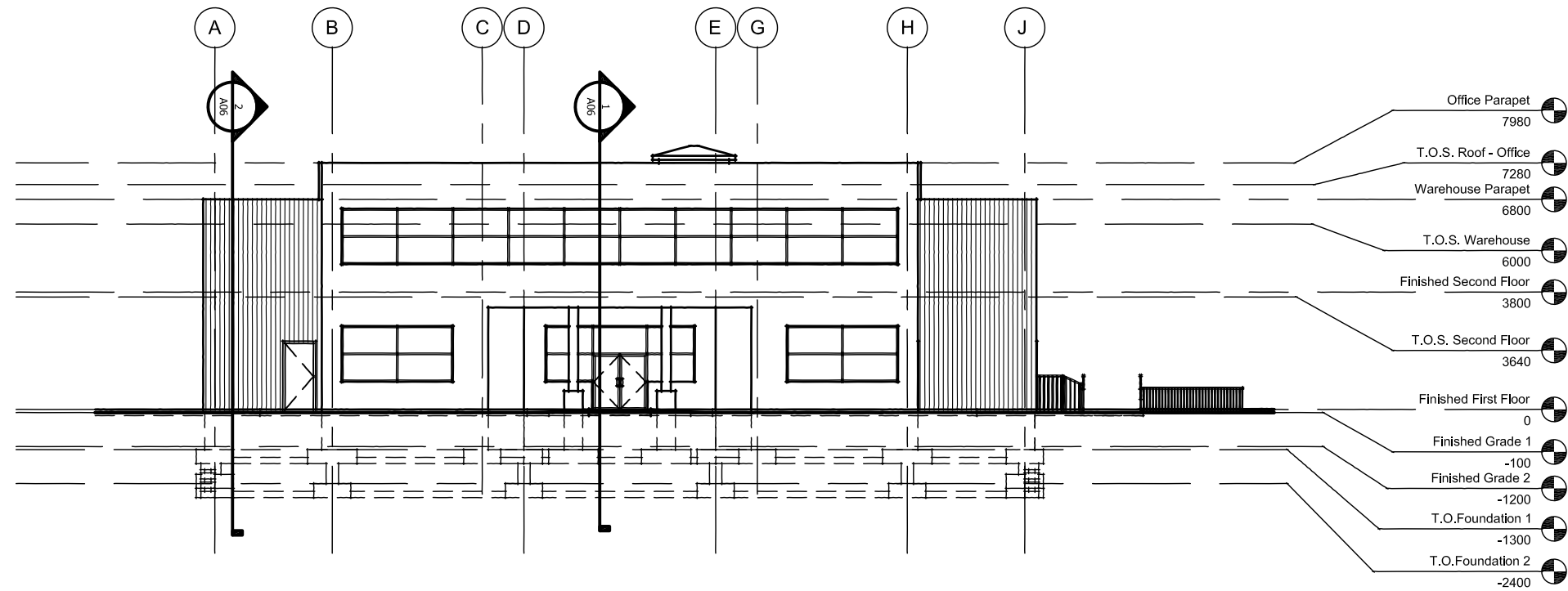
A03

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North Elevation



West Elevation

**Collins**

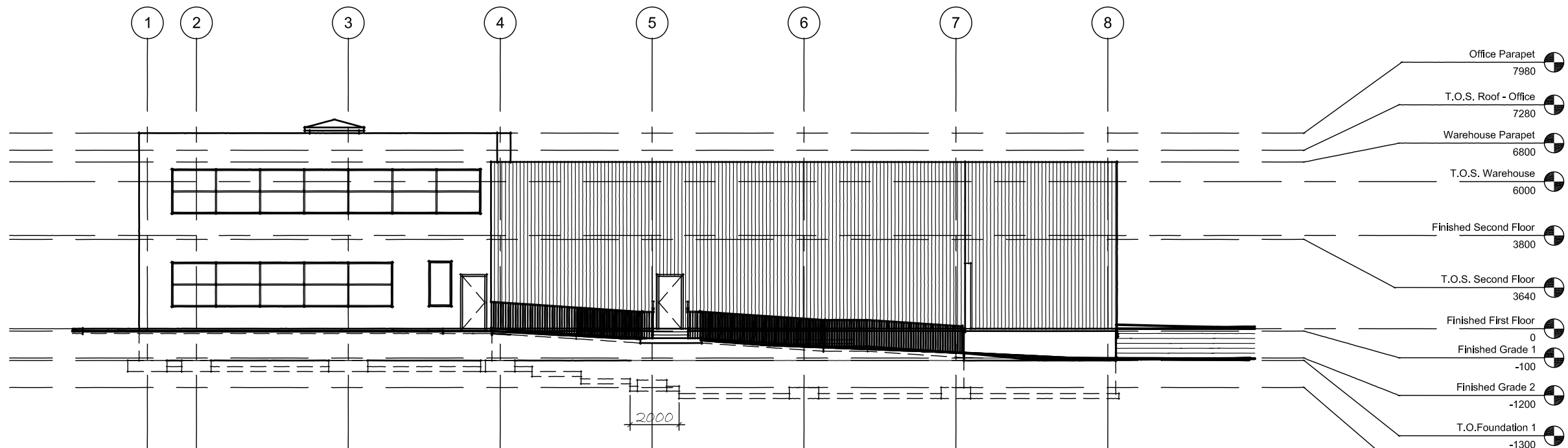
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North and West  
Elevations

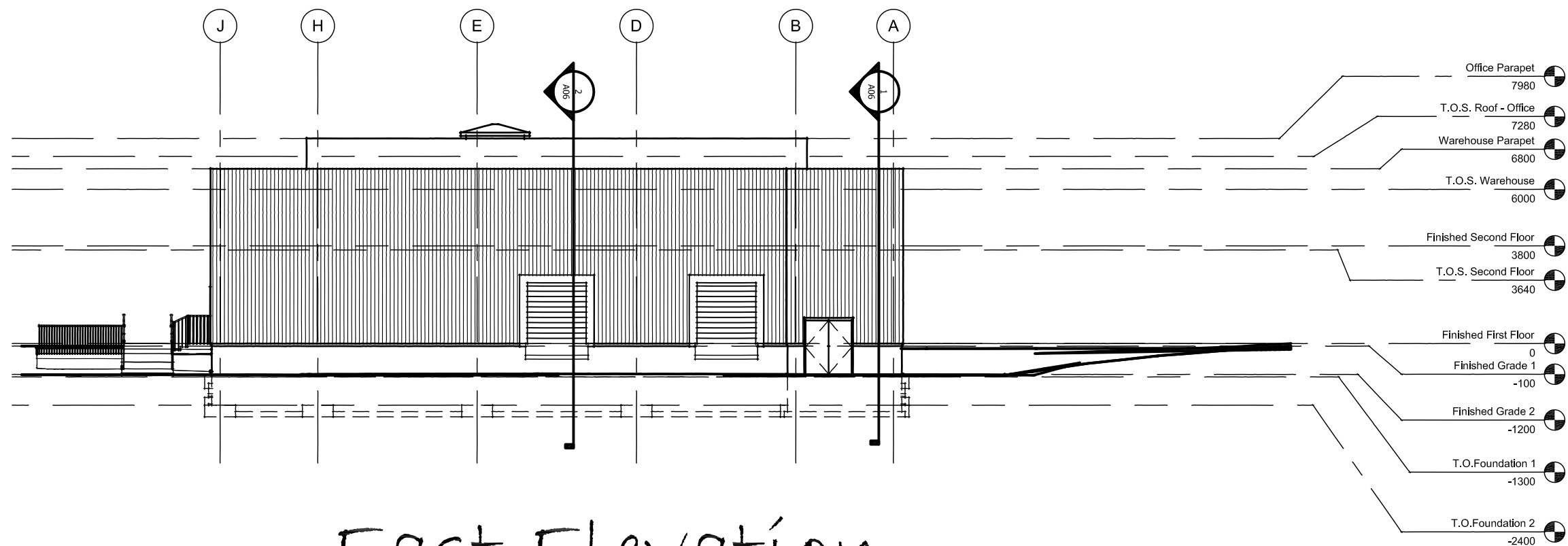
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A04



South Elevation



East Elevation

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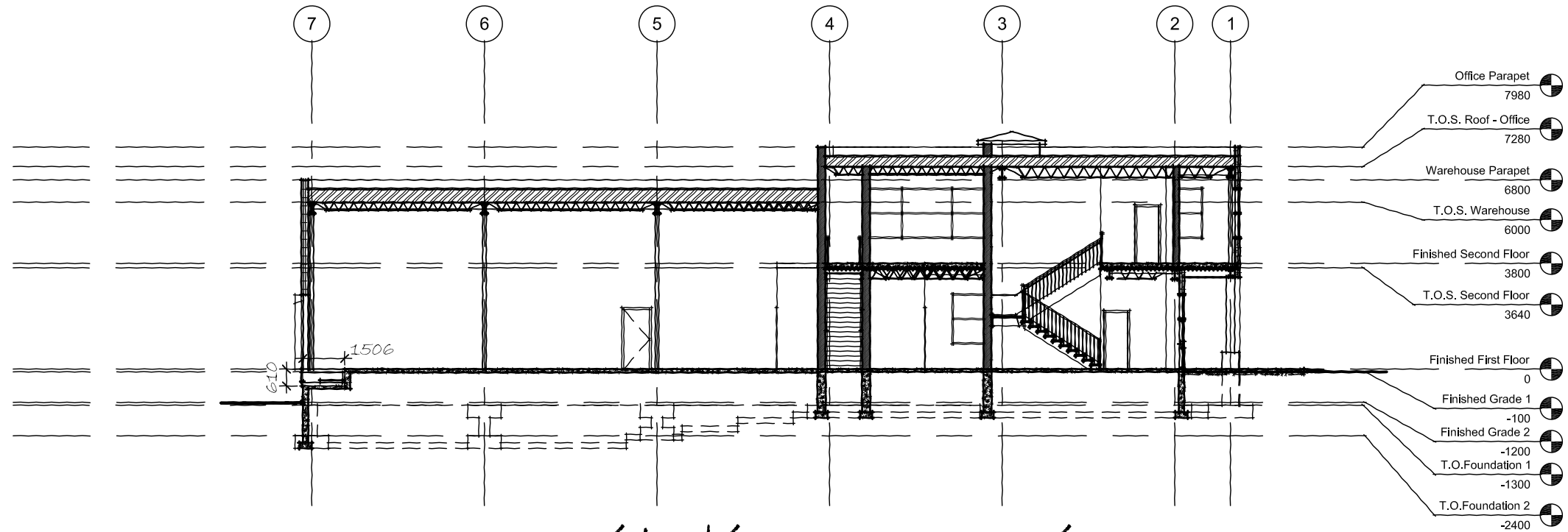
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South and  
East Elevations

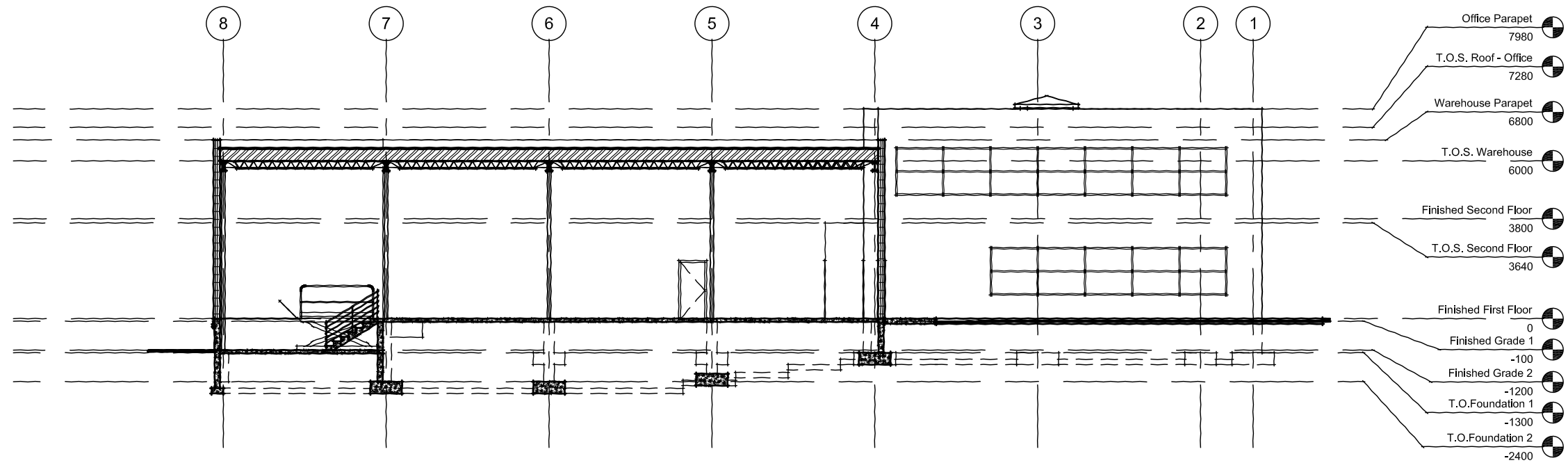
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A05



Building section 1



Building section 2

**Collins**

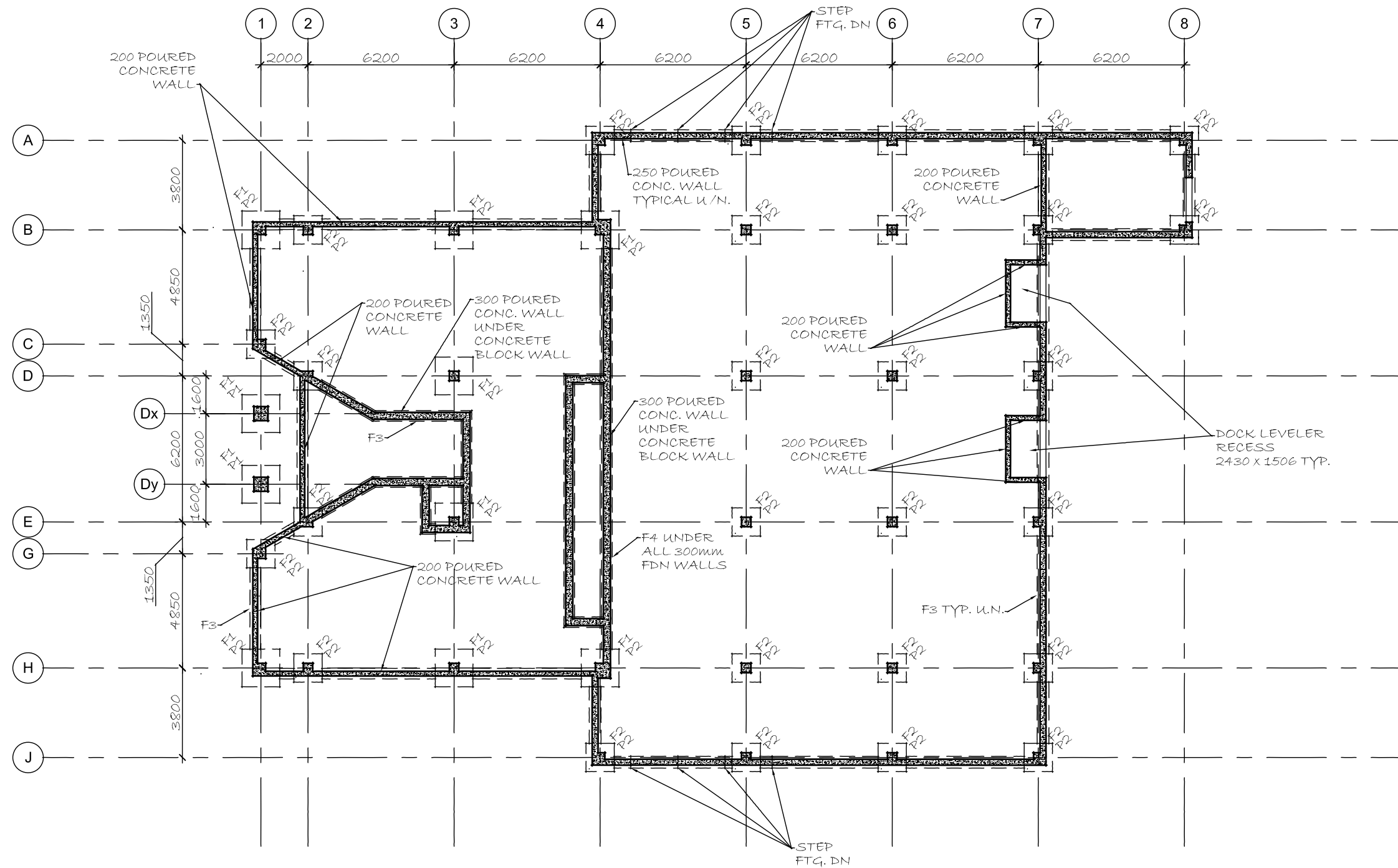
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Warehouse

Building  
Sections

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1:200

A06



Notes

1. SOIL BEARING CAPACITY 2000PSF
2. ALL COLUMNS ARE HSS 127x127x6.35 MM
3. BASE PLATES 250 x 250 x 25 WITH 4-20M ANCHOR BOLTS

Pier Schedule

- |    |           |
|----|-----------|
| P1 | 600 x 600 |
| P2 | 400 x 400 |

Footing Schedule

- |    |                         |
|----|-------------------------|
| F1 | 1600 x 1600 x 400 DP    |
| F2 | 1200 x 1200 x 400 DP    |
| F3 | 450 x 200 DP Strip FTG. |
| F4 | 500 x 200 DP Strip FTG. |



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Warehouse

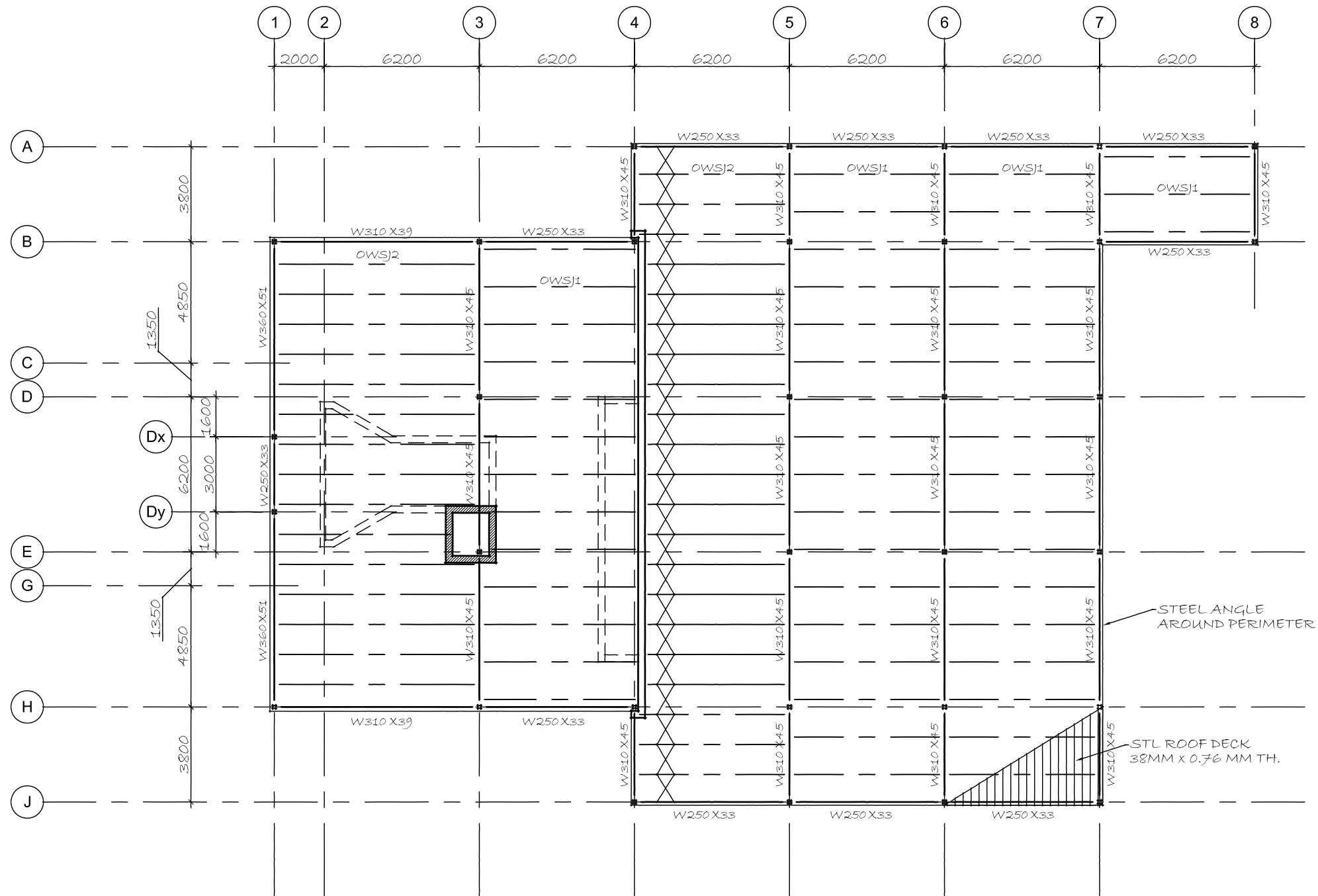
Structural  
Foundation  
Plan

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1:200

S01





BEAM SCHEDULE (ATTRIBUTE EXTRACT)				
BEAM #	TYPE	DEPTH (MM)	WGT (Kg/M)	LENGTH (M)
1 ETC.	C	150	22	WILL VARY WITH EACH MEMBER
4 ETC.	W	250	33	
7 ETC.	W	360	38	

NOTES

D.L. (DEAD LOAD) = 1.15 kpa  
L.L. (LIVE LOAD) = 1.36 kpa

FACTORED LOAD = 1.25 DL + 1.5 LL = 3.48 kpa

CANTILEVER @ LINK BEAM IN CSS = 900 MM

X LOCATION OF STL CROSS BRACING

JOIST SCHEDULE	
OWSJ 1	300 MM @ 1500 C.C.
OWSJ 2	300 MM @ 1200 C.C.
OWSJ 3	300 MM @ 750 C.C.

**Collins**

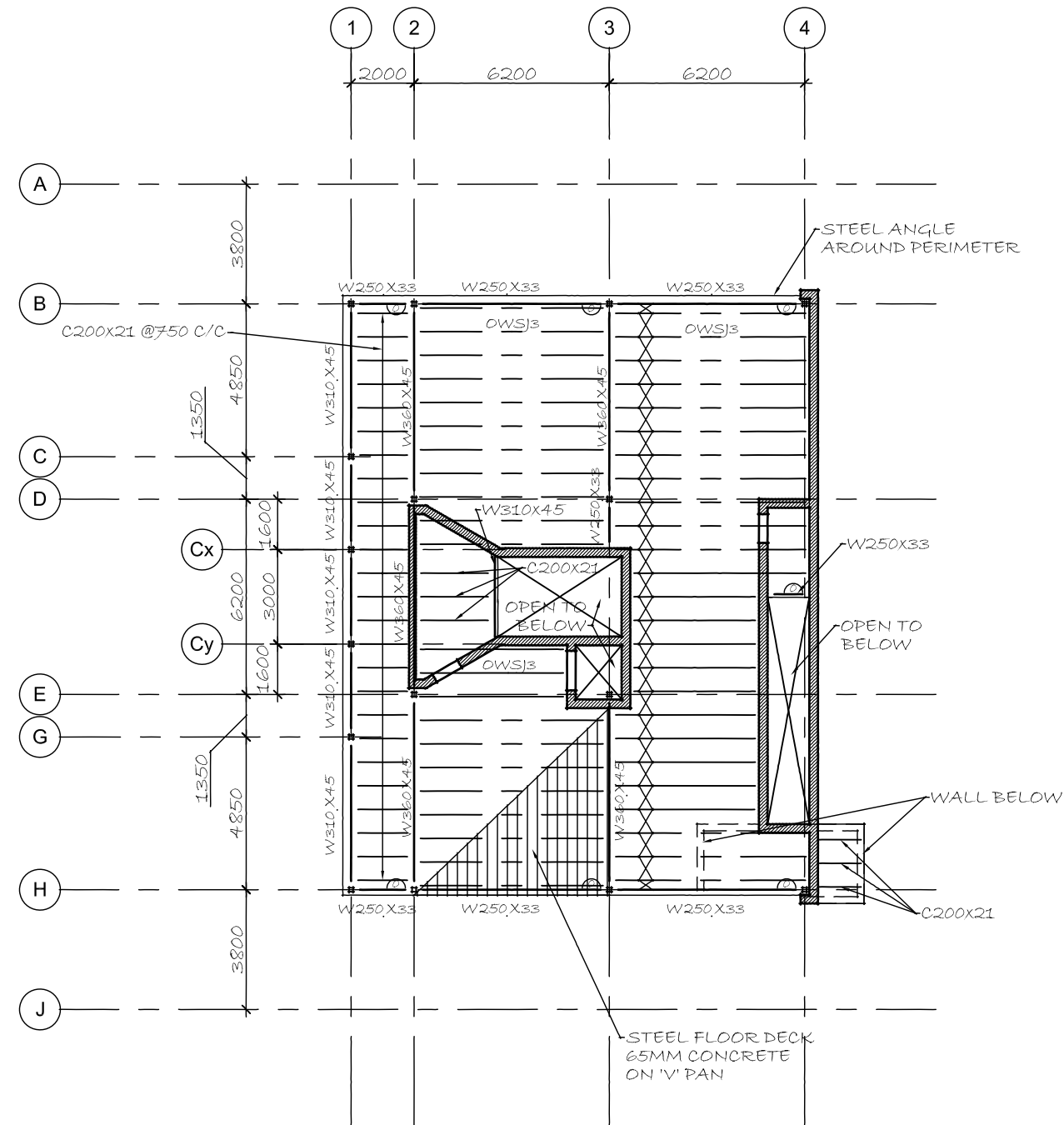
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Preliminary  
Structural Roof  
Steel Plan

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S02



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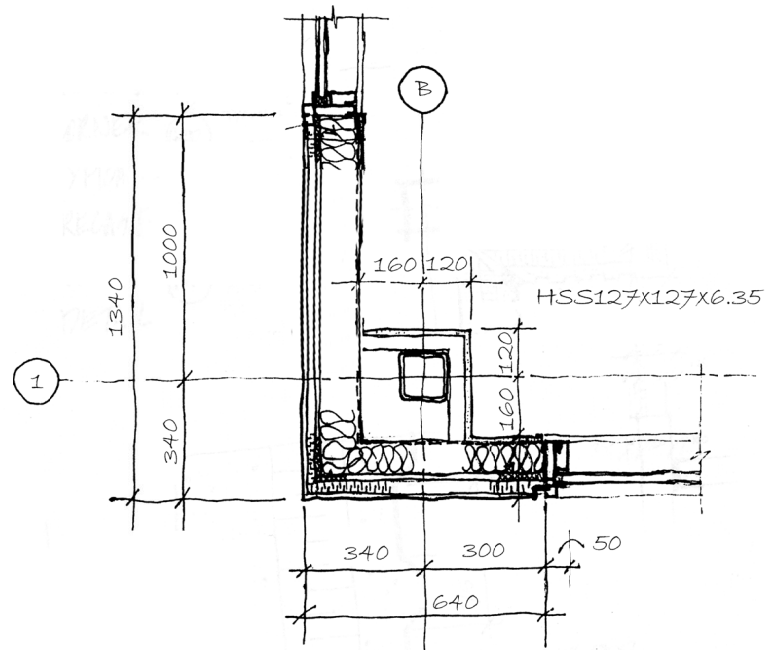
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Warehouse

Second Floor  
Steel Plan

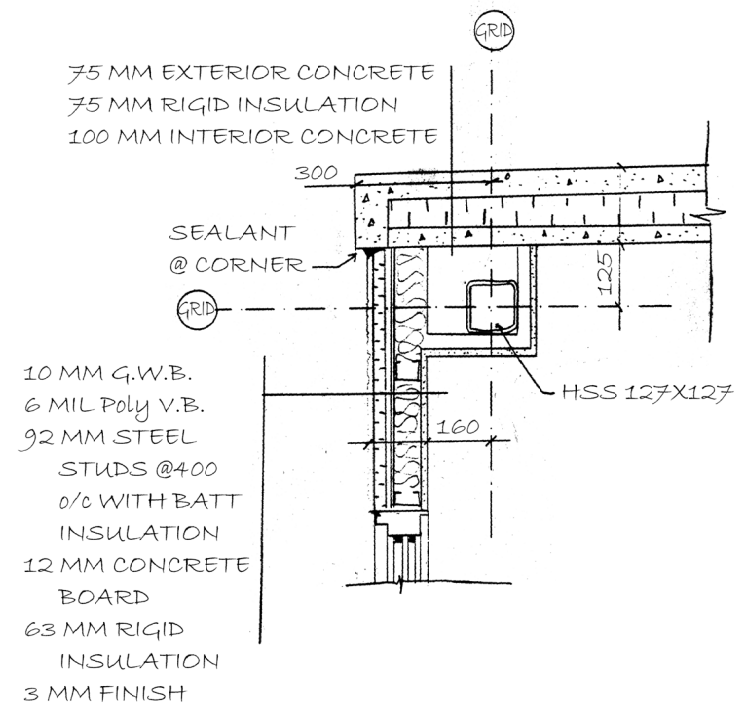
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S03



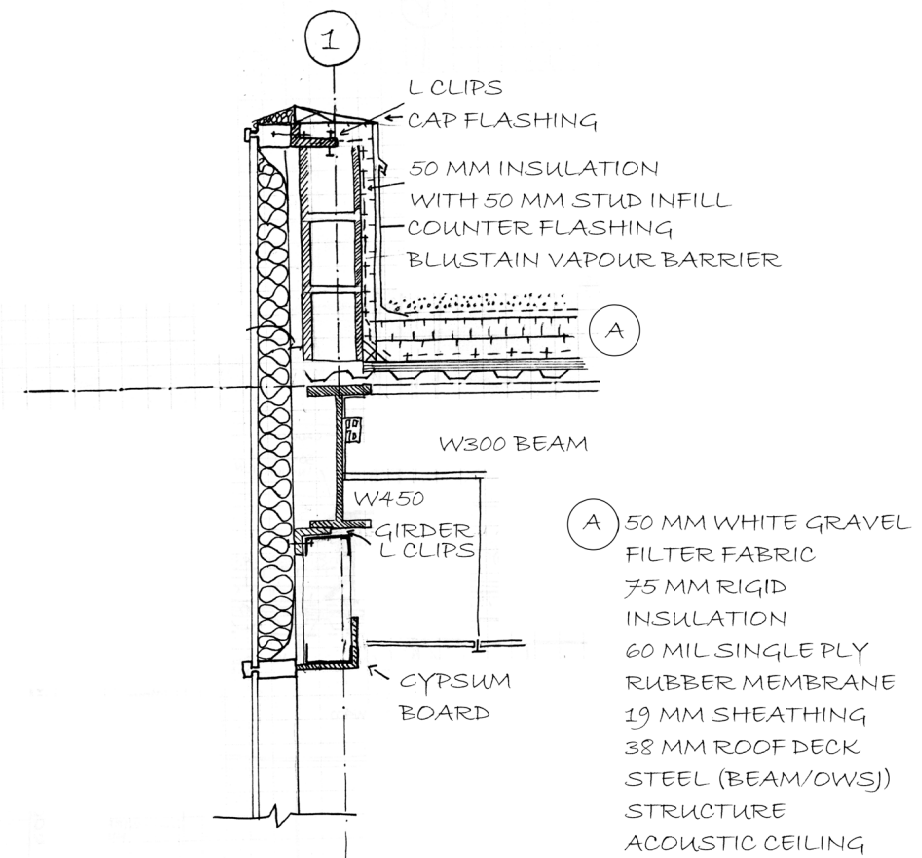
TYPICAL EIFS CORNER DETAIL



75 MM EXTERIOR CONCRETE  
75 MM RIGID INSULATION  
100 MM INTERIOR CONCRETE

10 MM G.W.B.  
6 MIL Poly V.B.  
92 MM STEEL  
STUDS @400  
O/C WITH BATT  
INSULATION  
12 MM CONCRETE  
BOARD  
63 MM RIGID  
INSULATION  
3 MM FINISH

EIFS/PRECAST CORNER DETAIL



PARAPET DETAIL AT OFFICE WALL

(A) 50 MM WHITE GRAVEL  
FILTER FABRIC  
75 MM RIGID  
INSULATION  
60 MIL SINGLE PLY  
RUBBER MEMBRANE  
19 MM SHEATHING  
38 MM ROOF DECK  
STEEL (BEAM/OWS)  
STRUCTURE  
ACOUSTIC CEILING

**Collins**

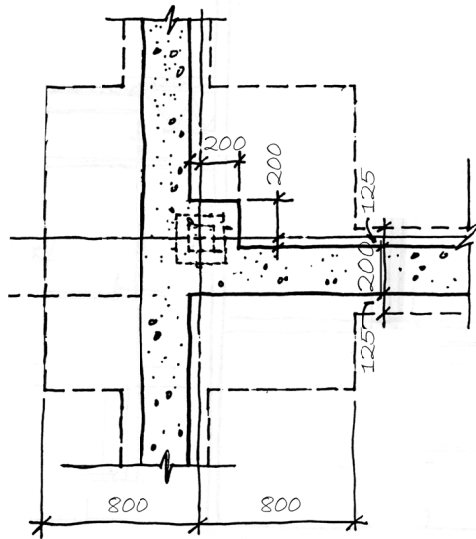
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Warehouse

EIFS Corner  
Details

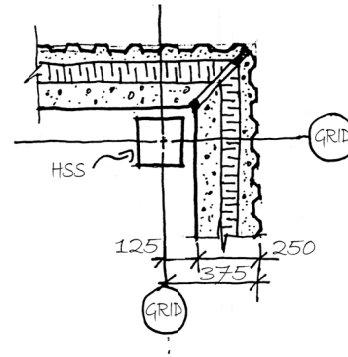
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DO1

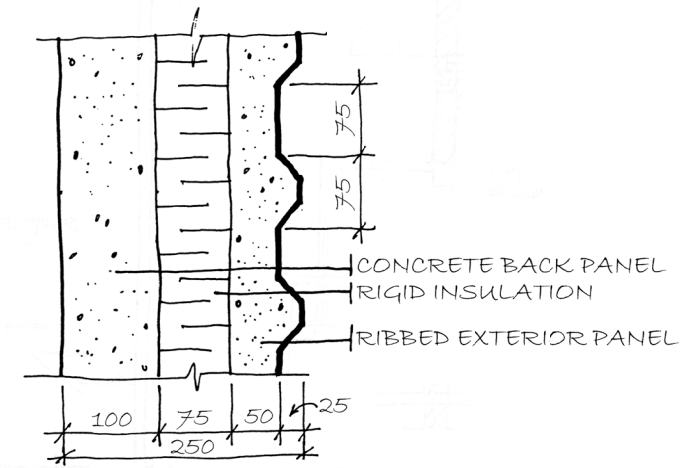
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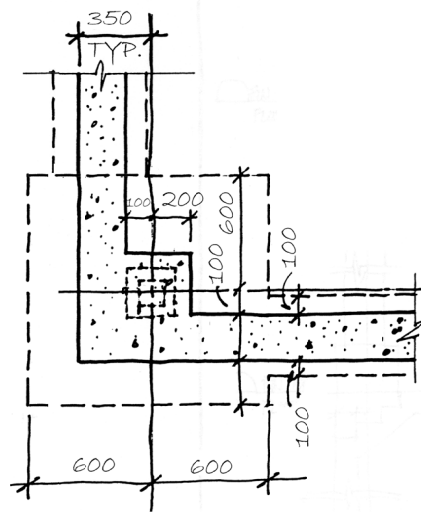
FOUNDATION DETAIL BELOW  
EIFS WALL (TYPICAL)



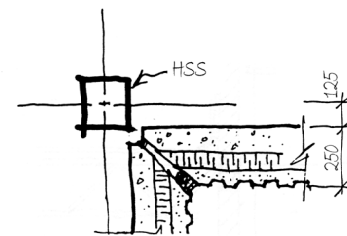
TYPICAL PRECAST  
CORNER DETAIL



TYPICAL PRECAST  
SANDWICH PANEL



FOUNDATION DETAIL BELOW  
PRECAST WALL (TYPICAL)



TYPICAL PRECAST  
CORNER DETAIL

**Collins**

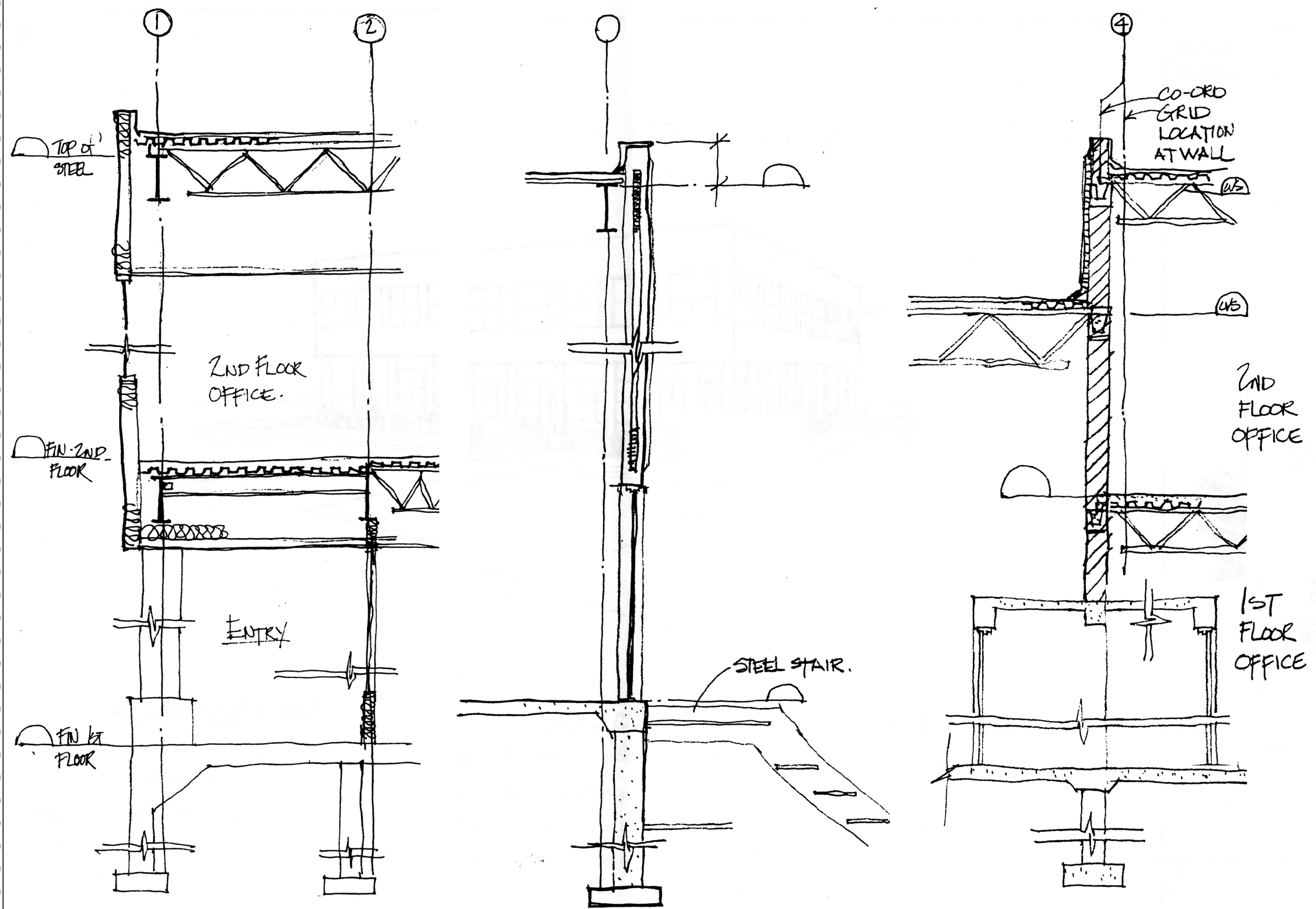
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Precast and  
Foundation  
Details

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D02



**Collins**

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Collins  
Warehouse

Wall  
Sections

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D03

1:200