

## STRUCTURAL NOTES :

### A. GENERAL :

1. ALL STRUCTURAL MATERIALS MUST BE TESTED & CHECKED.  
TESTING SHALL BE DONE IN PRESENCE OF CONSULTANCY REPRESENTATIVE.
2. THE REPORTS OF TESTED MATERIALS MUST BE SUBMITTED TO THE  
CONSULTING OFFICE AND WRITTEN APPROVAL MUST BE TAKEN BEFORE  
USING THOSE MATERIALS AT SITE.
3. READ STRUCTURAL DRAWING IN CONJUNCTION WITH ARCHITECTURAL,  
SANITARY & ELECTRICAL DRAWING. REPORT ANY DISCRIPENCIES TO THE  
SITE ENGINEER PRIOR TO FABRICATION OR CONSTRUCTION. ANY CONFLICT  
BETWEEN SPECIFICATION & DRAWING SHALL BE LIKEWISE REPORTED.
4. CONTRACTORS SHALL BE RESPONSIBLE FOR CHECKING FIELD DIMENSION  
AND SITE CONDITIONS.
5. NO MEASUREMENT SHALL BE DIRECTLY TAKEN FROM THE PRINT, WRITTEN  
DIMENSIONS SHALL BE FOLLOWED.

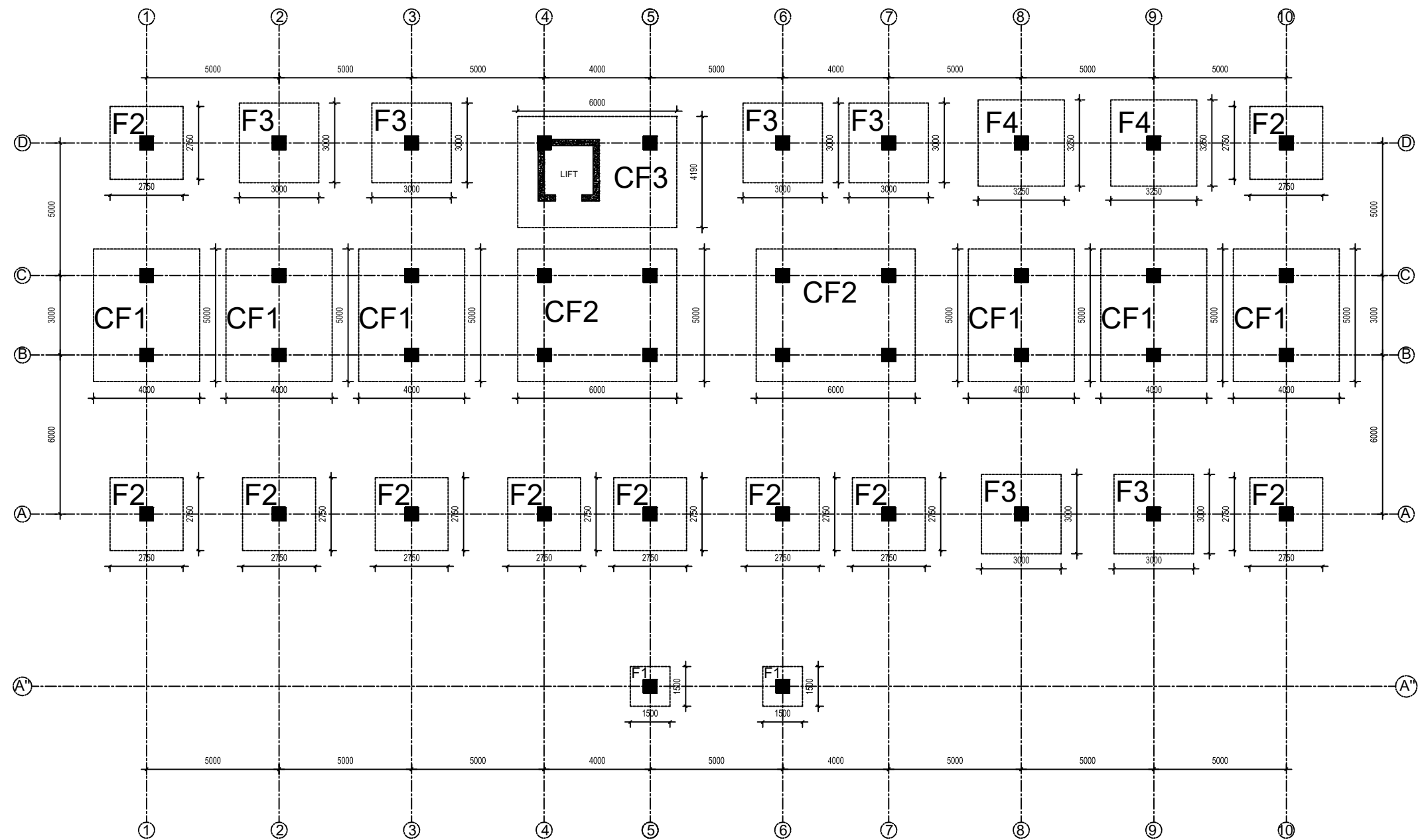
### B. FOUNDATION :

1. SLOPE STABILITY SHOULD BE CHECKED BEFORE CONSTRUCTION OF  
FOUNDATION.
2. FOUNDATION SHALL BE ON UNDISTRUBED SOIL.
3. SOIL BEARING CAPACITIES SHALL BE VERIFIED IN THE FIELD, NOTIFY  
ENGINEER IMMEDIATELY OF ANY SOFT POCKETS OR ADVERSE SOIL CONDITIONS.
4. PLACING OF FOUNDATION CONCRETE SHALL BE DONE AS SOON AS  
EXCAVATIONS HAVE BEEN COMPLETED & APPROVED BY THE SITE ENGINEER.
5. SOIL TEST SHALL BE CONDUCTED AT SITE. SOIL BEARING CAPACITY SHOULD  
NOT BE LESS THAN 140 KN/m2 AS PER DESIGN ASSUMPTION.

## C. CONCRETE AND REINFORCING STEEL

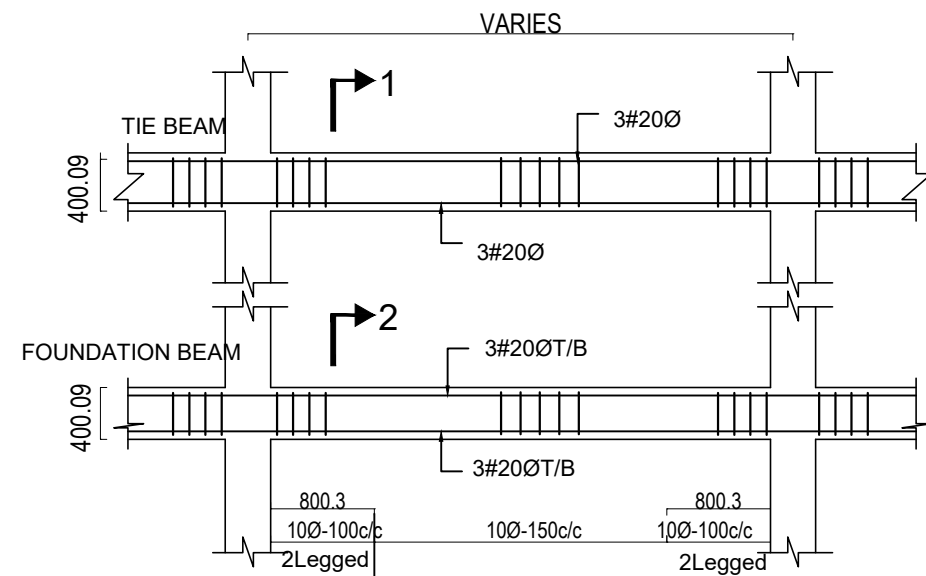
1. CAST IN SITU CONCRETE SHALL HAVE A MINIMUM 28 DAYS COMPRESSIVE  
CUBE STRENGTH OF 20 Mpa AS SPECIFIED.
  - a. USE M20 GRADE CONCRETE IN ALL STRUCTURAL COMPONENTS
2. REINFORCING STEEL SHALL BE TMT STEEL BARS HAVING A MINIMUM STRENGTH  
OF 500 Mpa & CONFORMING TO IS 1786:1985
3. COVER TO MAIN REINFORCING STEEL BE IN ACCORDANCE WITH IS 456:1978  
AND AS SPECIFIED ON STRUCTURAL DRAWINGS.
  - a. FOR CONCRETE MEMBERS IN CONTACT WITH SOIL = 50 mm.
  - b. FOR LONGITUDINAL (VERTICAL) BARS IN COLUMN = 40 mm.
  - c. FOR MAIN BARS IN BEAMS = 25 mm.
  - d. FOR OUTER BARS IN SLAB & STAIRCASE = 20 mm.
4. PROVIDE CORNER BARS TO MATCH HORIZONTAL REINFORCEMENT STEEL  
IN SLAB.
5. THE CEMENT USED SHALL BE ORDINARY PORTLAND CEMENT CONFORMING  
TO IS 11269:1987.
6. BARS IN COLUMNS SHALL BE SPLICED ONLY AT MID HEIGHT OF COLUMN,  
50% ONLY AT A TIME / ALTERNATIVE FLOOR (JOINT).
7. BARS SPLICING IN BEAM SHALL BE AVOIDED IN THE SPAN WHERE  
INTERMEDIATE BEAM IS CONNECTED AND SHALL BE ONLY AS SHOWN ON DWG.
8. DEVELOPMENT / LAP LENGTH (Ld.) FOR BARS. Lap Length Shall Be 57  
Times The Diameter Of Bar
9. PROVIDE SHEAR REINFORCEMENT OF 500 N/mm2 AT 100 mm C/C AT LAP LOCATIONS ,  
SPACER BAR LOCATION AND COLUMN HAVING SHORT COLUMN EFFECT.

<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b>  Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b>  Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	Consultant:		Client:	Sheet Title: GENERAL NOTES	Sheet No. : <div>S 01</div>
			Designed By : - Suruchi Shah	Drawn By : Suruchi Shah	Checked By :		
			Signature :		Signature :		
			Checked By :Balendra Shah		Recommended By :		
			Signature :		Signature :		
			Approved By :			Approved By :	Date :2019
			Signature :			Signature :	Scale :Not In Scale
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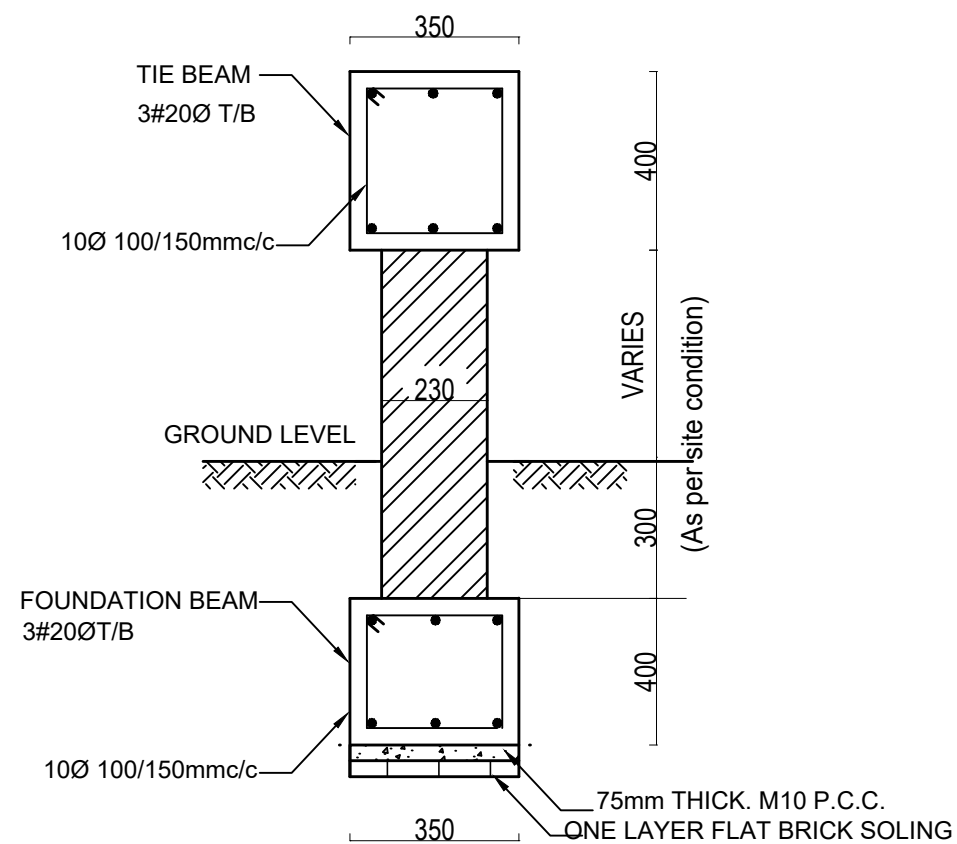


**FOUNDATION LAYOUT PLAN**

<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> FOUNDATION LAYOUT PLAN Date :2019 Scale :Not In Scale Unit : mm.	<b>Sheet No. :</b> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 02 </div>
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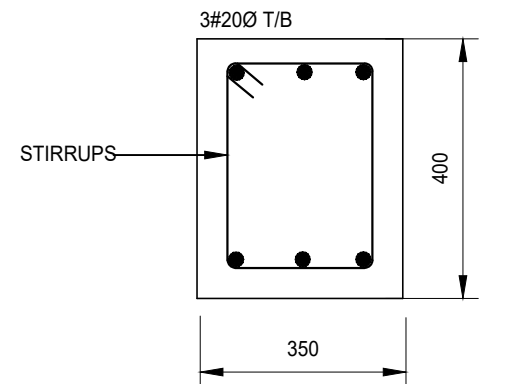
TYP. TIE BEAM & FOUNDATION BEAM SECTION



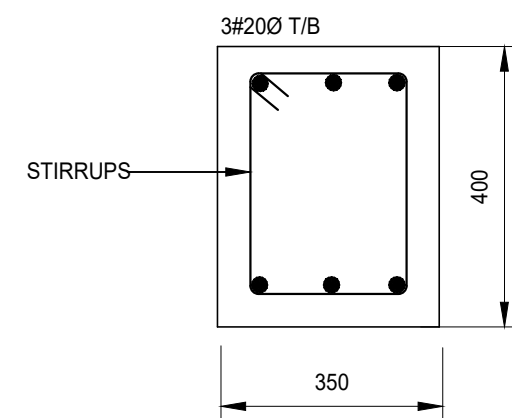
TIE BEAM & FOUNDATION BEAM DETAIL

## ISOLATED FOOTINGS DETAIL M20, Fe 500

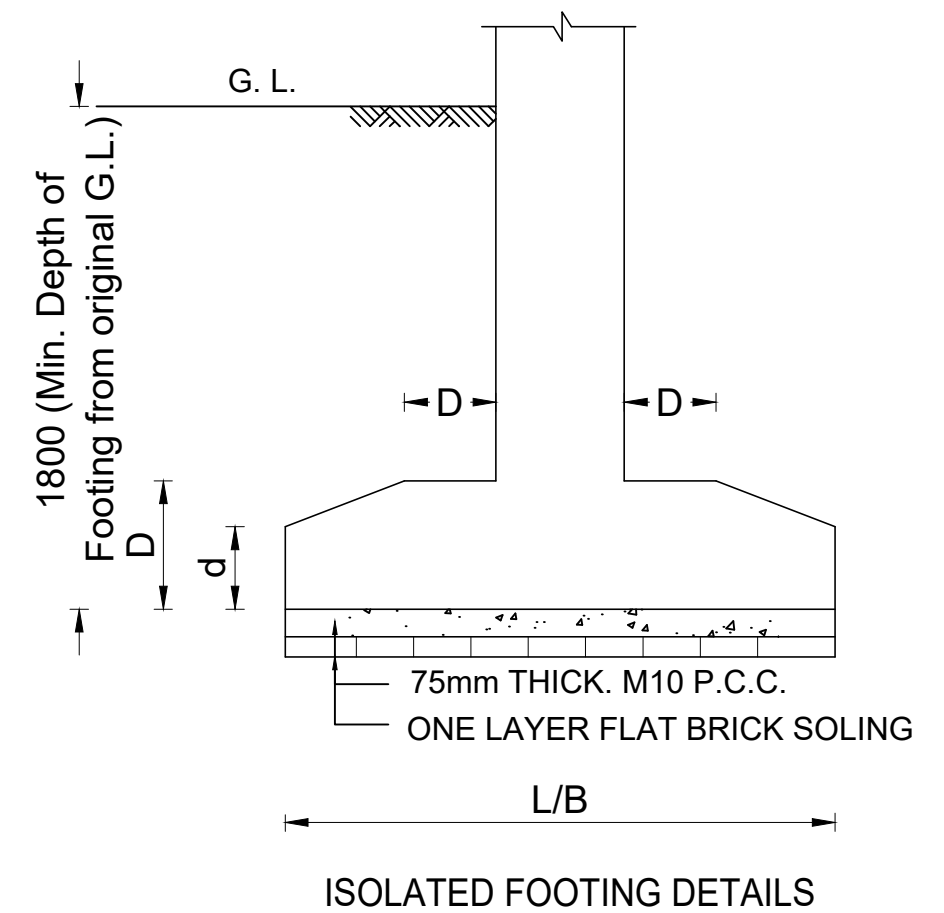
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1	F1	1500x1500	200	350	12mmØ @ 120c/c Both way
2	F2	2750x2750	200	450	12mmØ @ 120c/c Both way
3	F3	3000x3000	200	500	12mmØ @ 100c/c Both way
4	F4	3250x3250	250	550	12mmØ @ 100c/c Both way



SECTION AT 1  
SCALE=1:20

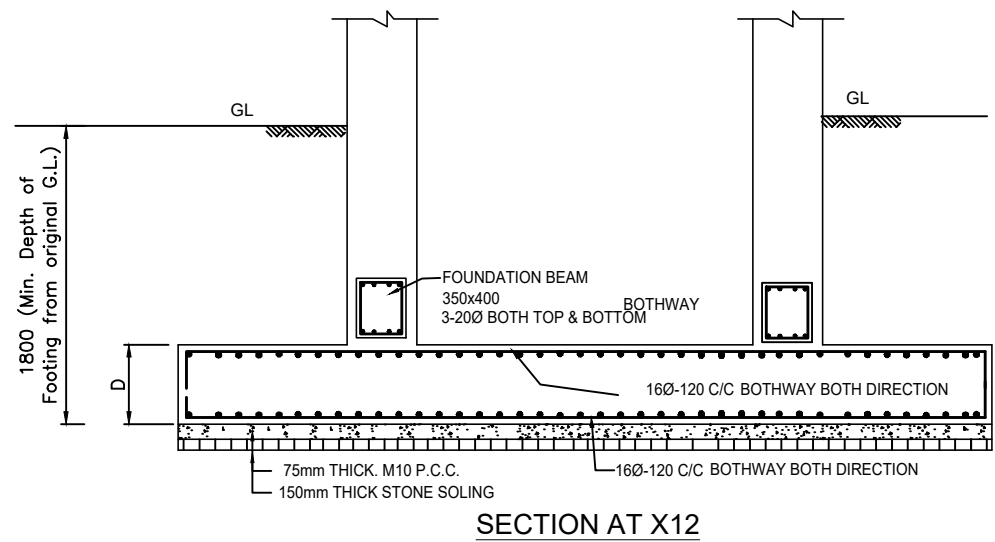


SECTION AT 2  
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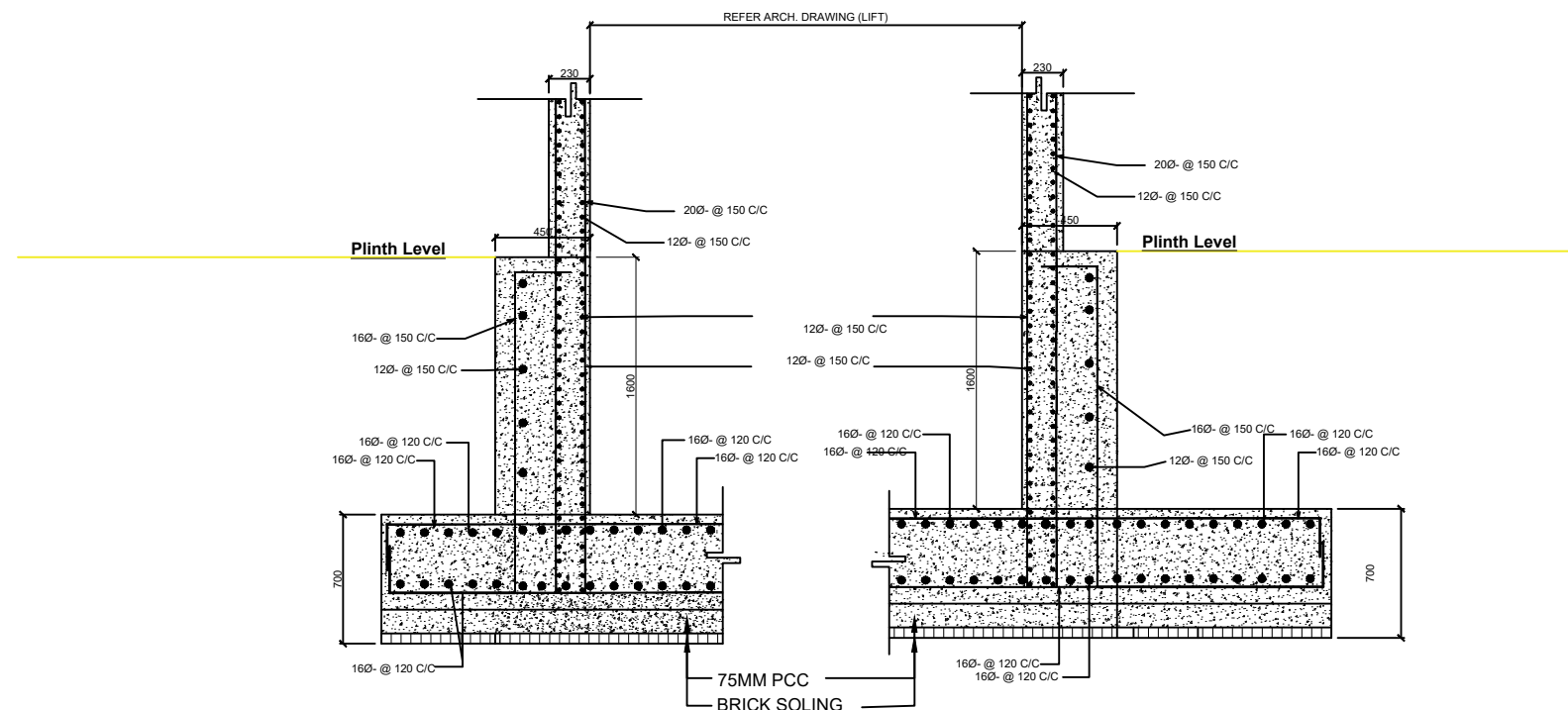
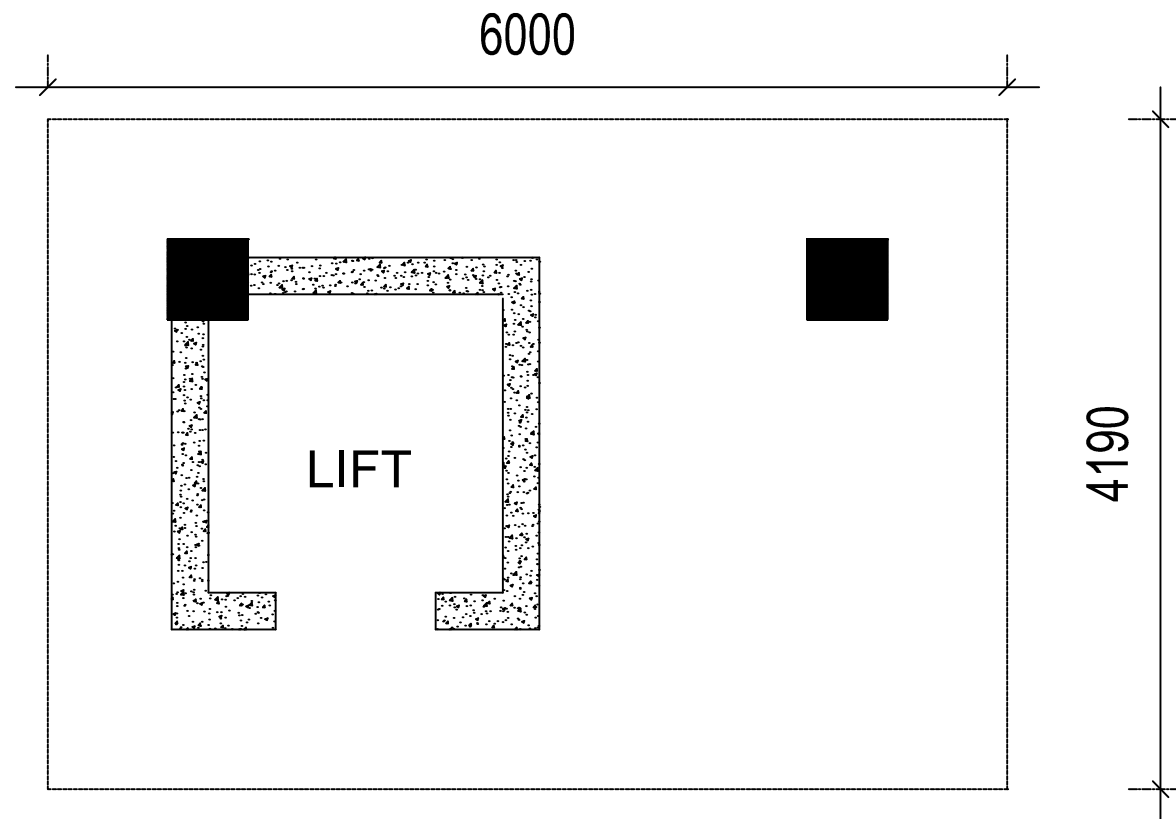
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	Consultant:		Client: Checked By : Signature : Recommended By : Signature : Approved By : Signature :	Sheet Title: FOOTING AND TIE BEAM DETAILS Date :2019 Scale :Not In Scale Unit : mm.	Sheet No. : S 03
			Designed By : - Suruchi Shah	Drawn By : Suruchi Shah			
			Signature :				
			Checked By :Balendra Shah				
			Signature :				

S.N.	TYPE	FOOTING SIZE (mm) (LxB)	TOTAL THICKNESS (D) mm	(a) mm	(b) mm	REBAR DISTRIBUTION
1	CF1	4000x5000	700	1000	1000	16mmØ @ 120c/c Both way Both direction



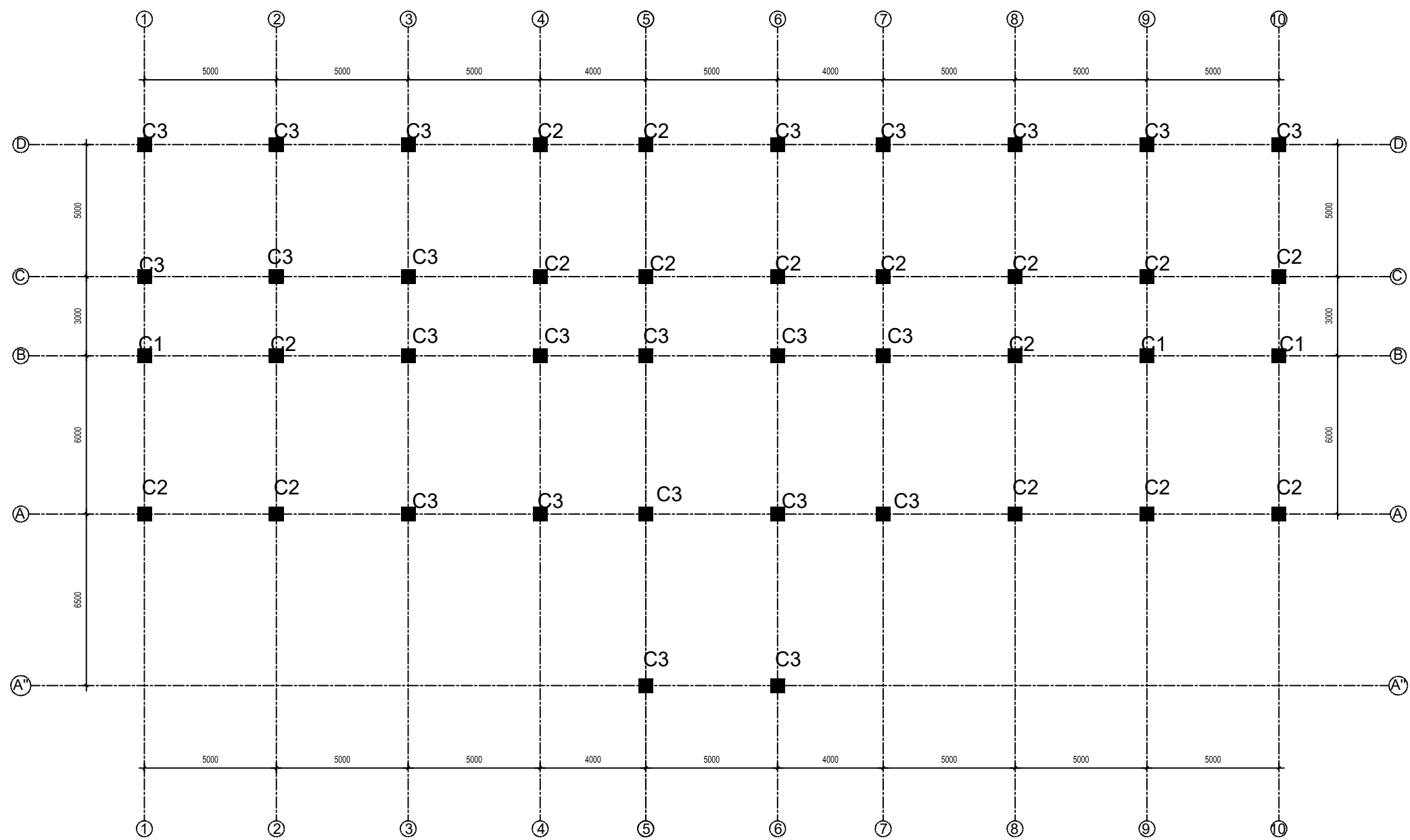






**TYPICAL CROSS SECTION OF SINGLE LIFT PIT WALL AND FOOTING**

<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	Consultant:		Client:	<b>Sheet Title:</b> LIFT DETAILS	<b>Sheet No. :</b> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 06 </div>
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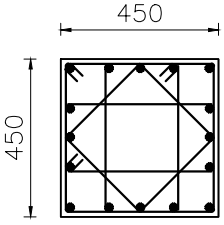
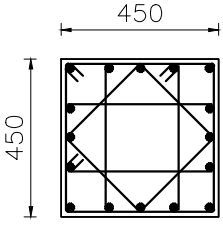
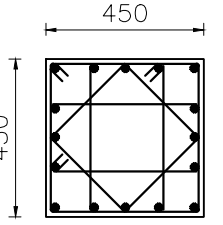
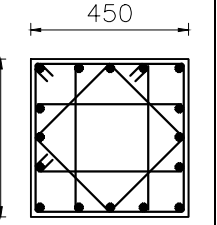
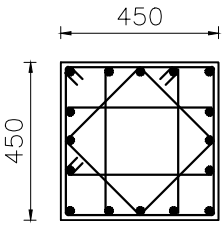
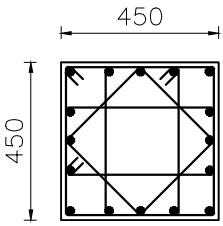
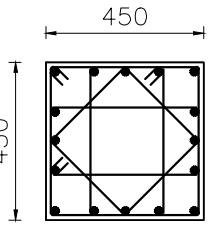
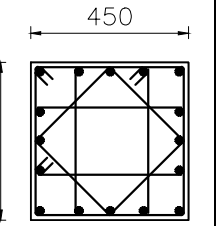
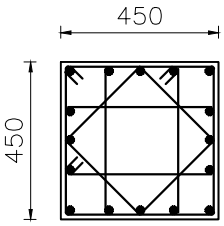
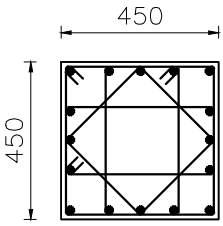
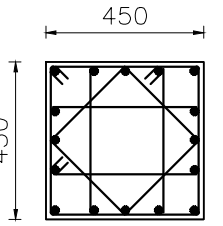
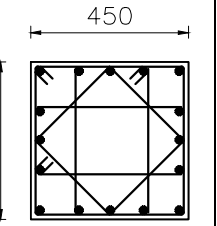


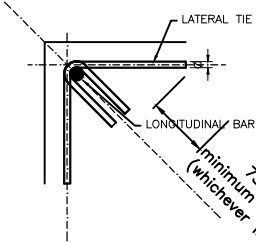
**COLUMN LAYOUT PLAN**

<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-I Nepal	<b>Consultant :</b>  Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b>  Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	Consultant:		Client:		Sheet Title: COLUMN LAYOUT PLAN	<div>Sheet No. : <div>S 07</div></div>	
			Designed By : - Suruchi Shah		Drawn By : Suruchi Shah				Checked By :
			Signature :		Signature :				
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			Signature :		Signature :		Date :2019		
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COLUMN DETAILS

M20, Fe 500

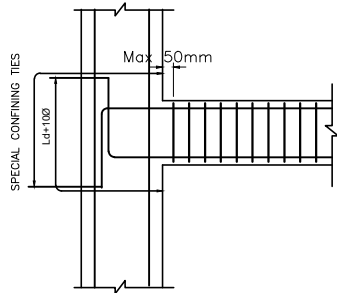
FLOOR	GROUND FLOOR	FIRST FLOOR	SECOND FLOOR	THIRD FLOOR
COLUMN C1	 16#25Ø	 8#25Ø+8#20	 8#25Ø+8#20	 16#20Ø
COLUMN C2	 8#25Ø+8#20	 8#25Ø+8#20	 16#20	 16#20
COLUMN C3	 16#20Ø	 16#20Ø	 16#20Ø	 8#20Ø+8#16Ø
10mmØ100mm c/c @ Support & 125mm c/c @ Mid span				



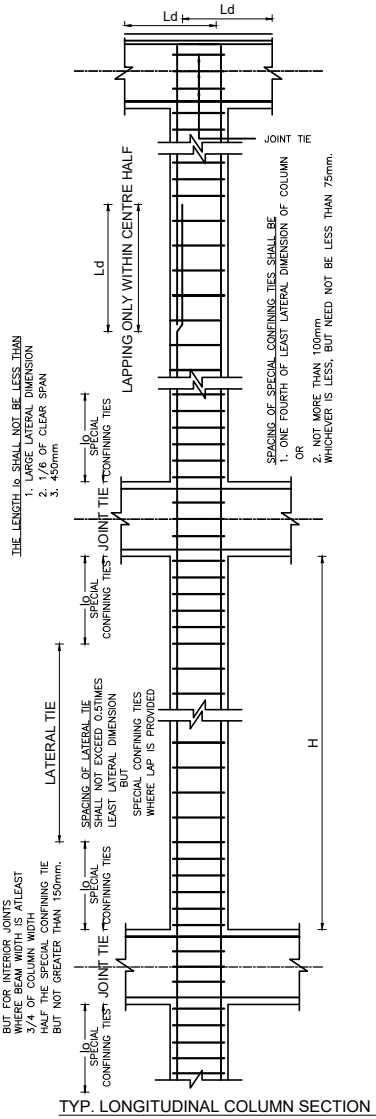
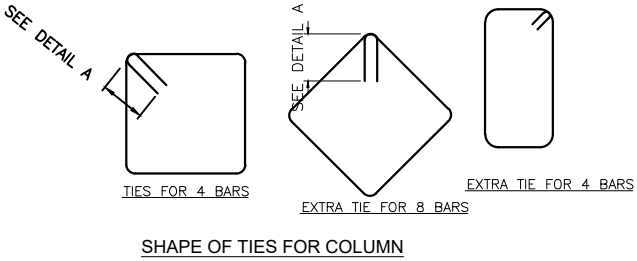
Development Length of Deformed Bar:  
Fe=500 N/mm<sup>2</sup>

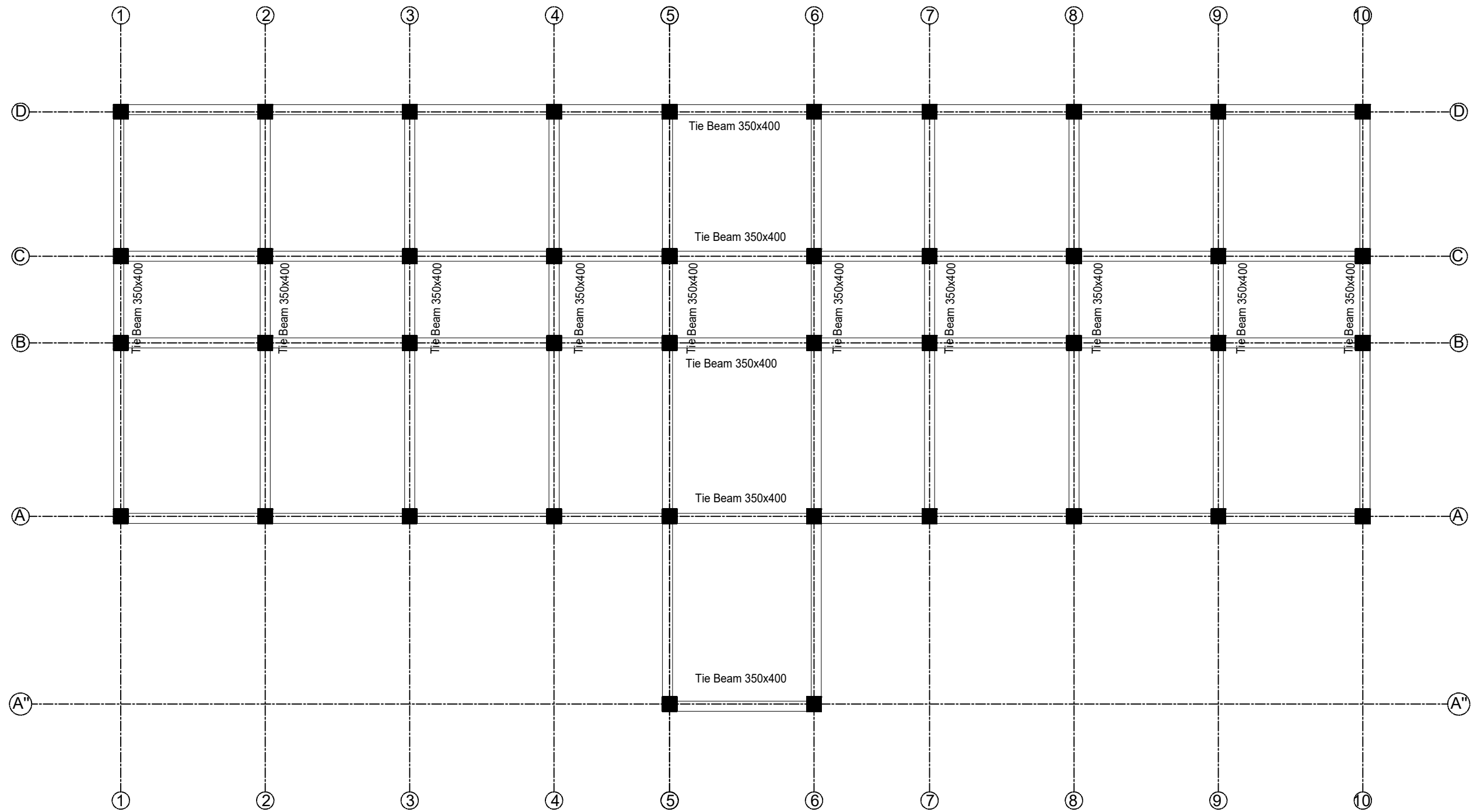
Dia. of Bar (Ø)	57Ø
8mm	456
10mm	570
12mm	684
16mm	912
20mm	1140
25mm	1425
32mm	1824

DETAIL A-135°HOOK DETAIL  
FOR STIRRUPS & TIES



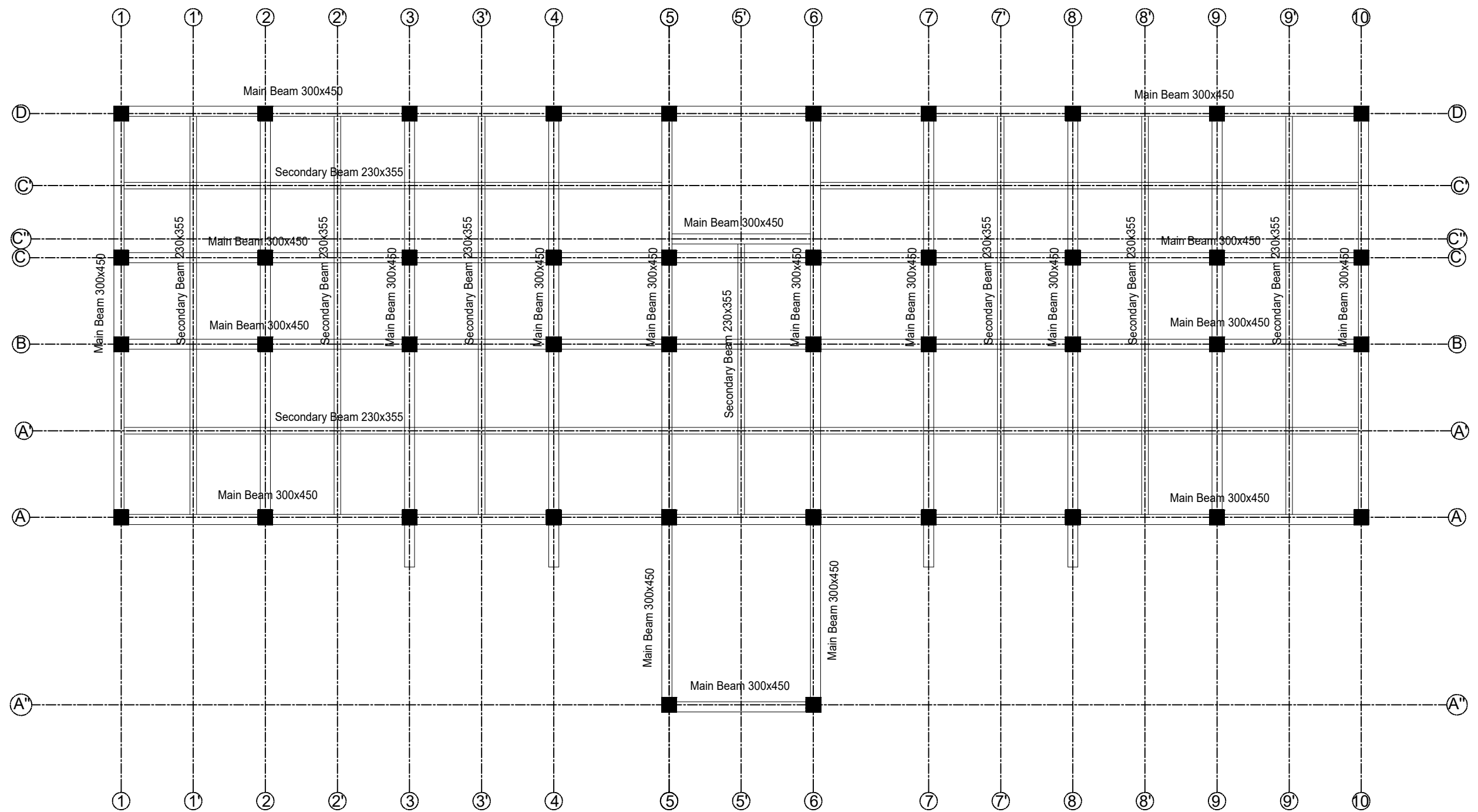
HOOK FOR BEAM BAR  
(8Ø Can be deducted from Ld+10Ø if 90 bend is provided.)





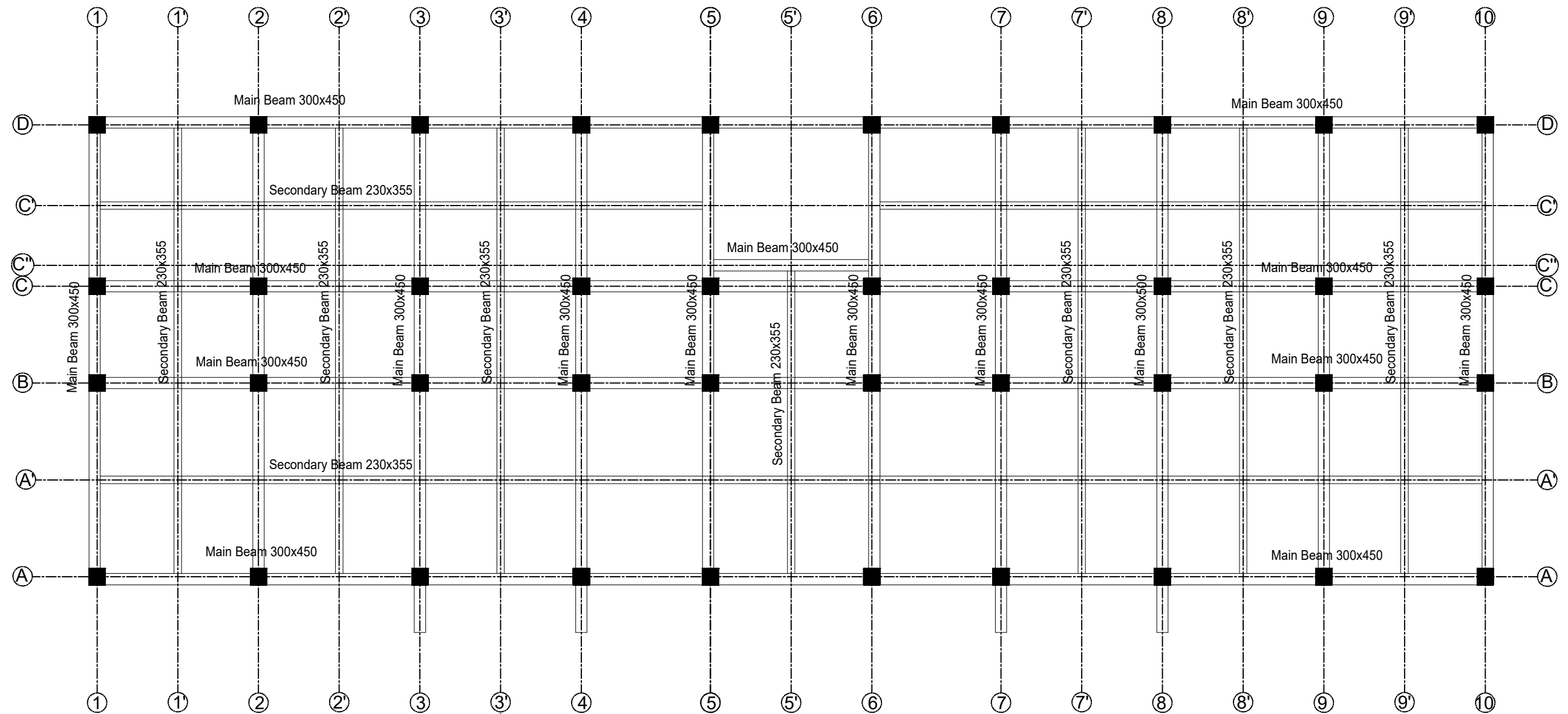
**TIE BEAM LAYOUT PLAN**

<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	Consultant: Designed By : - Suruchi Shah Drawn By : Suruchi Shah Checked By :Balendra Shah Signature : Approved By : Signature :	Client: Checked By : Signature : Recommended By : Signature : Approved By : Signature :	Sheet Title: TIE BEAM LAYOUT PLAN Date :2019 Scale :Not In Scale Unit : mm.	Sheet No. : <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 09 </div>
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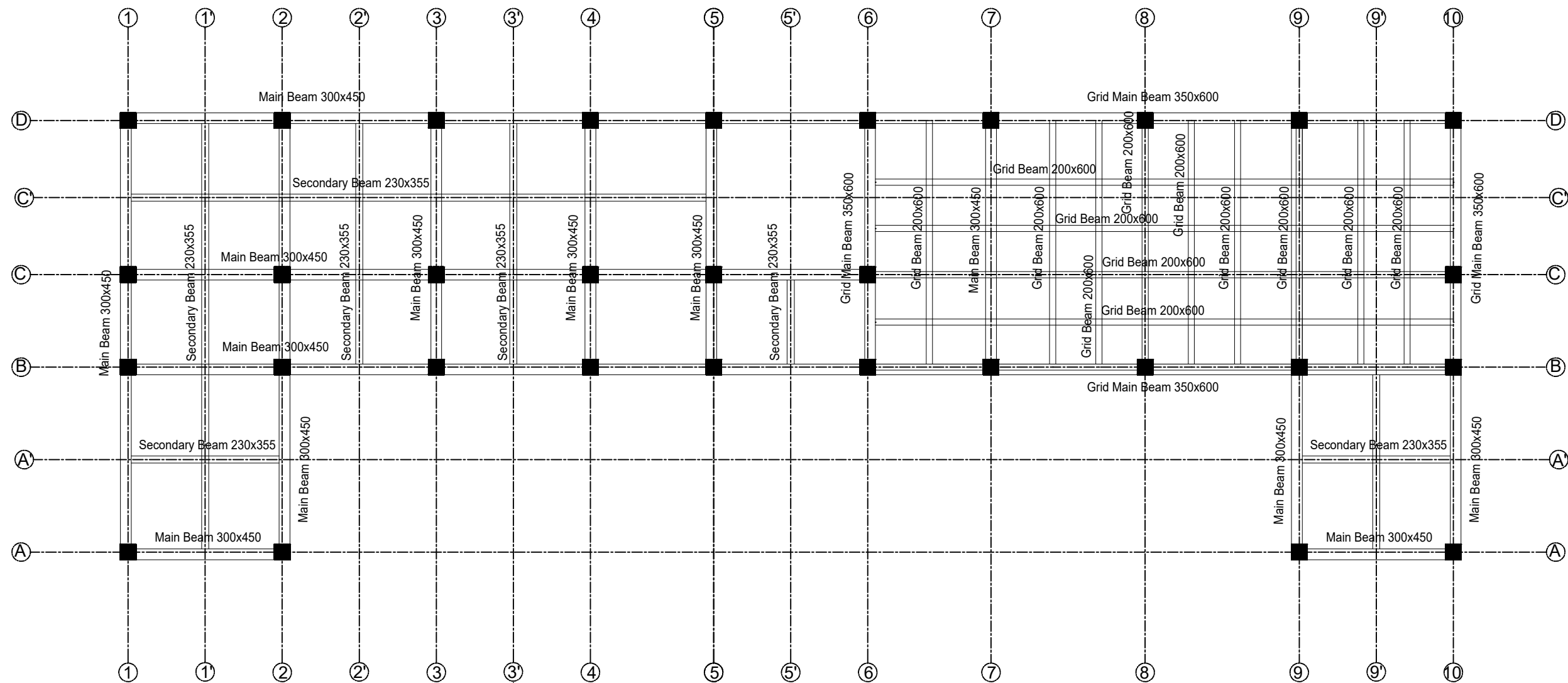
**GROUND FLOOR BEAM LAYOUT PLAN**

<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b>  Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b>  Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	Consultant:		Client:	Sheet Title: GROUND FLOOR BEAM LAYOUT PLAN  Date :2019 Scale :Not In Scale Unit : mm.	Sheet No. : <div>S 10</div>
			Designed By : - Suruchi Shah	Drawn By : Suruchi Shah	Checked By :		
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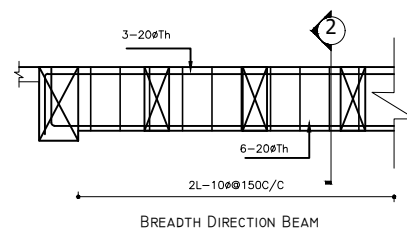
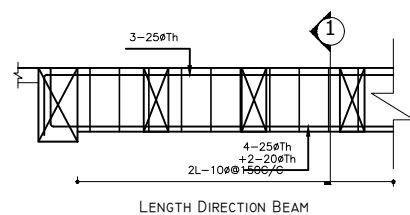


## FIRST/SECOND FLOOR BEAM LAYOUT PLAN

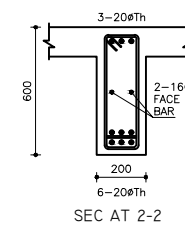
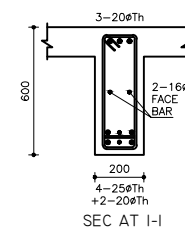
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> FIRST/SECOND/THIRD FLOOR BEAM LAYOUT PLAN <b>Date :</b> 2019 <b>Scale :</b> Not In Scale <b>Unit :</b> mm.	<b>Sheet No. :</b> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 11 </div>
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**TOP FLOOR BEAM LAYOUT PLAN**

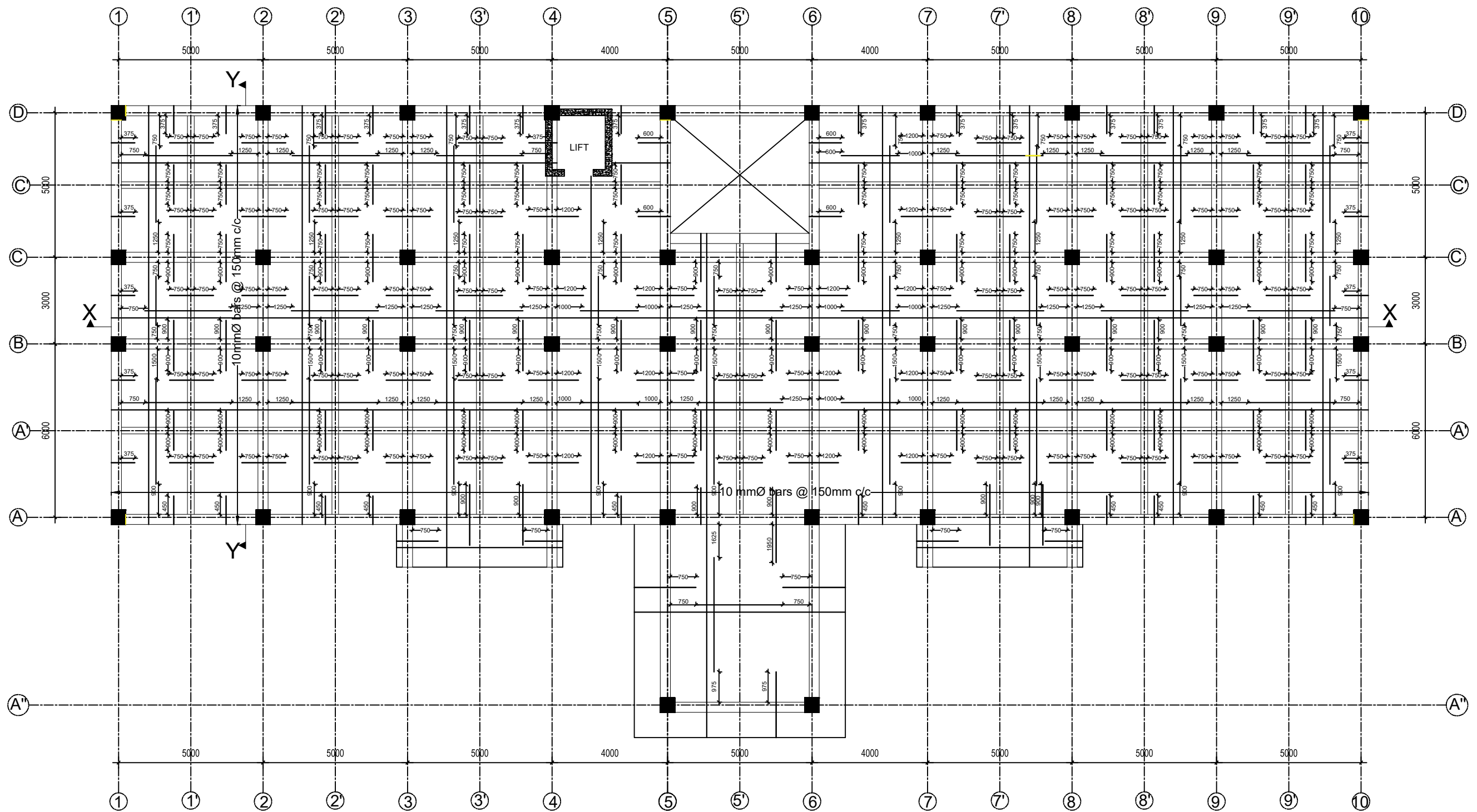


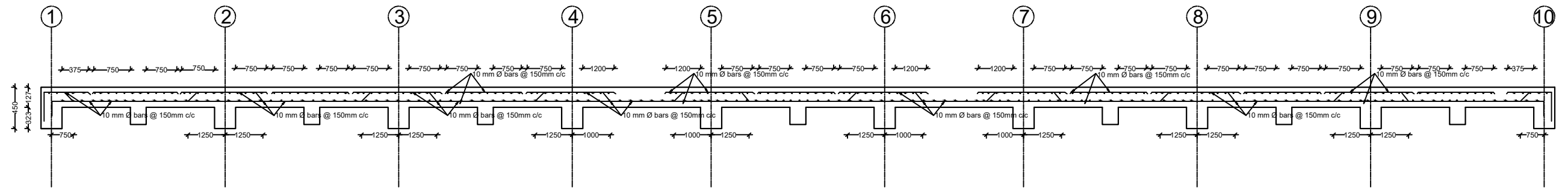
**Grid FLOOR BEAM Details**



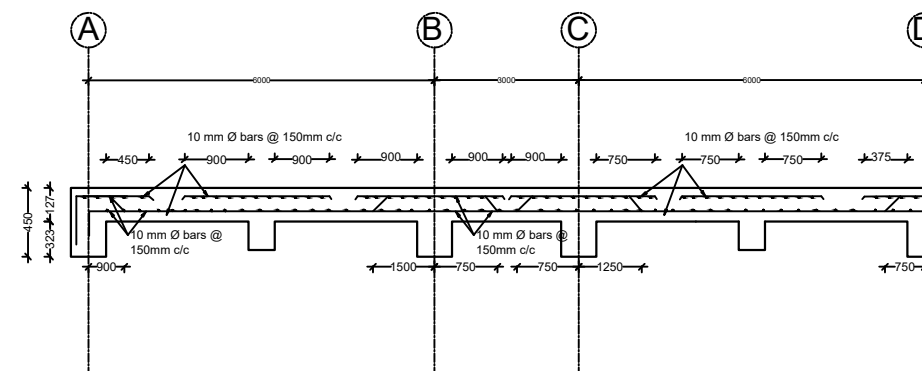
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> TOP FLOOR BEAM LAYOUT PLAN <b>Date :</b> 2019 <b>Scale :</b> Not In Scale <b>Unit :</b> mm.	<b>Sheet No. :</b> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 12 </div>
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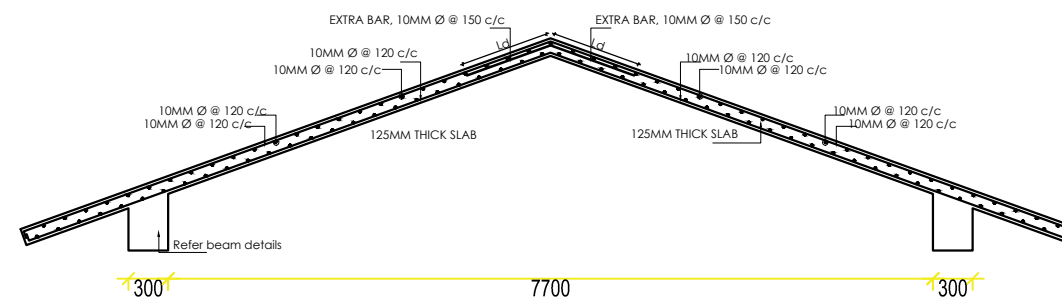




SLAB SECTION ALONG X-X

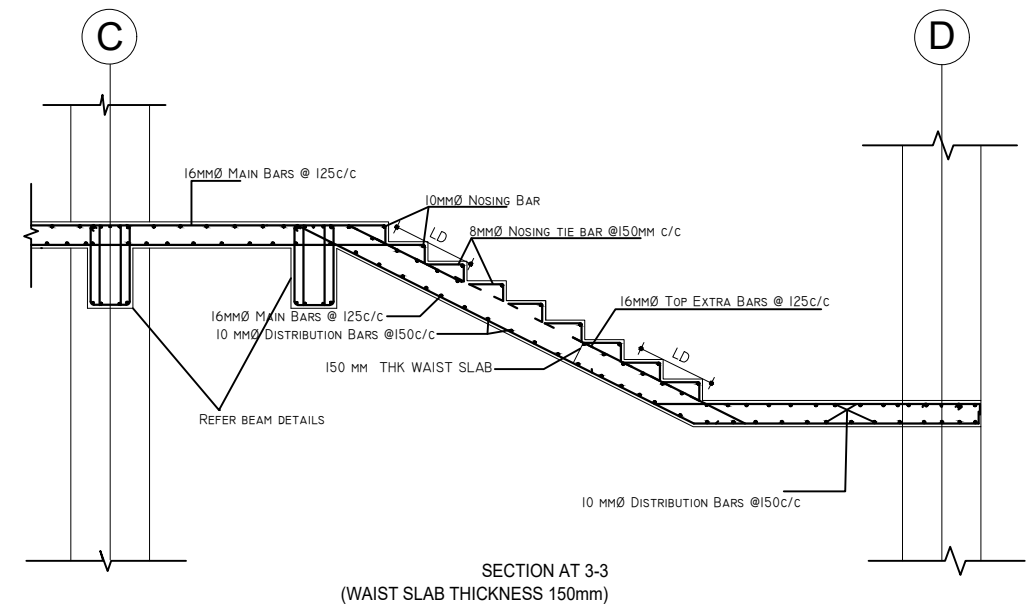
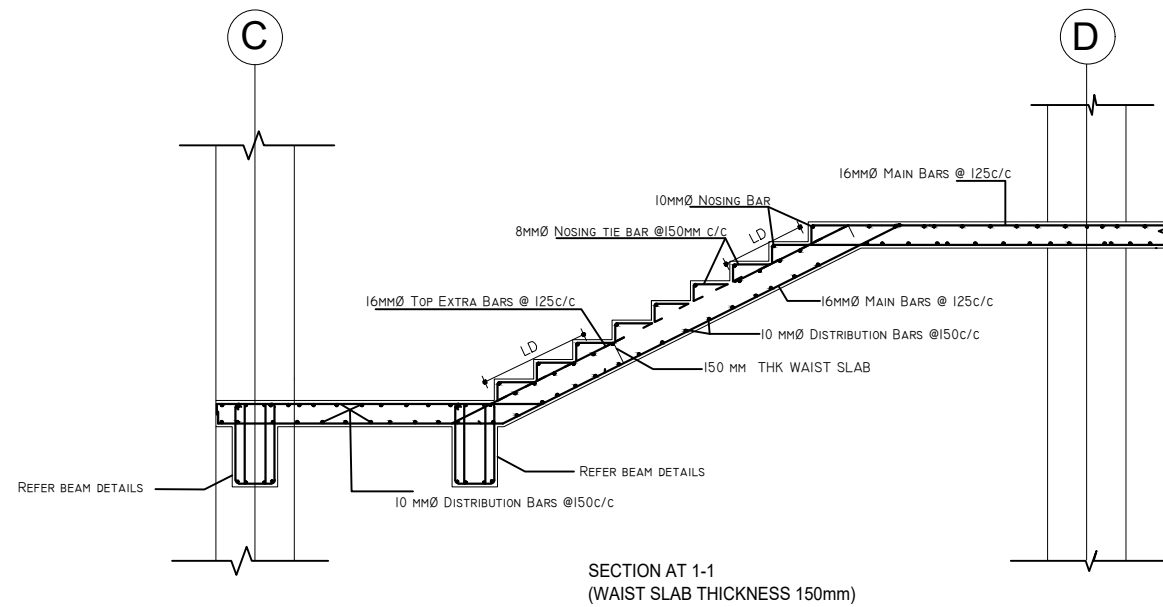
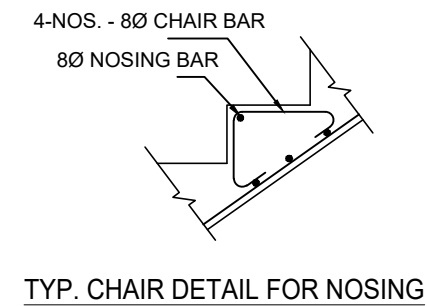
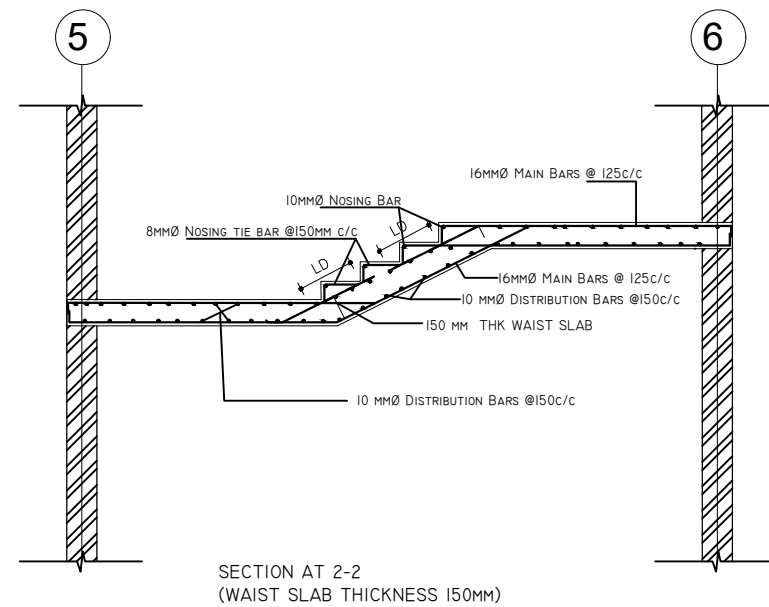
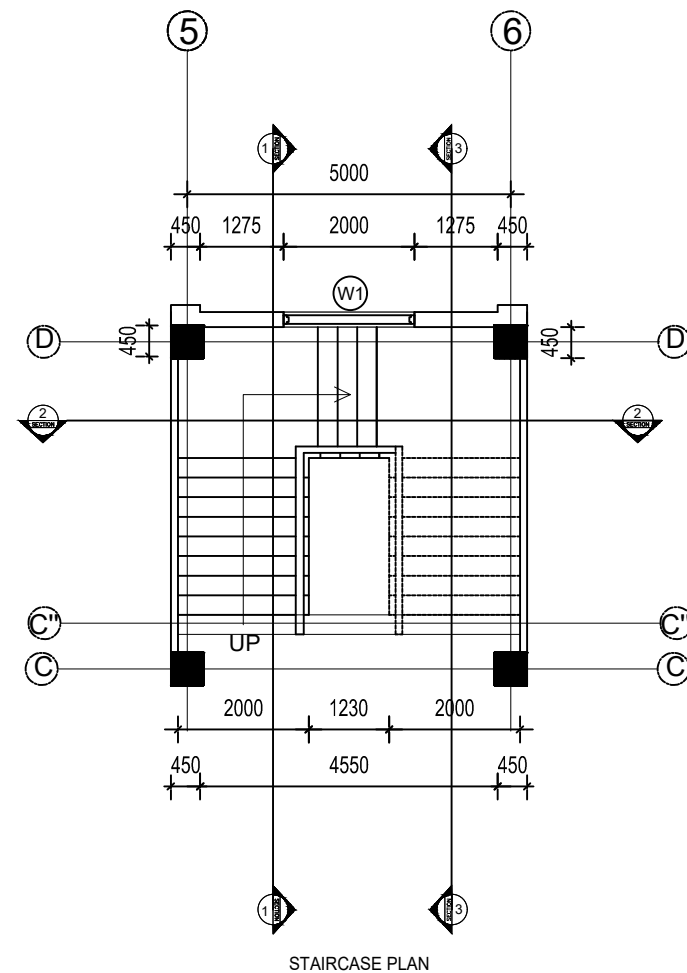


SLAB SECTION ALONG Y-Y

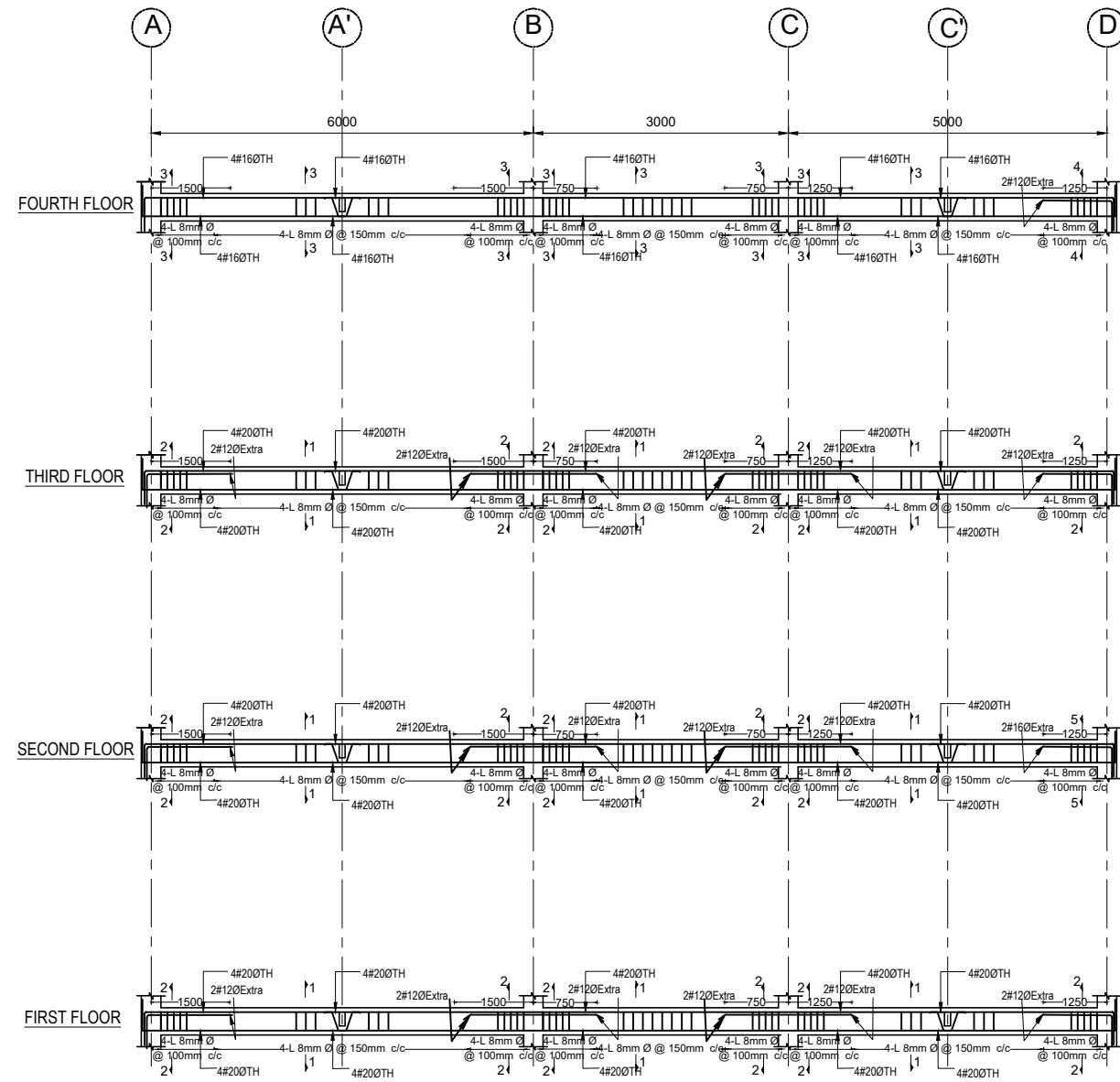


ROOF SLAB SECTION ALONG Y-Y

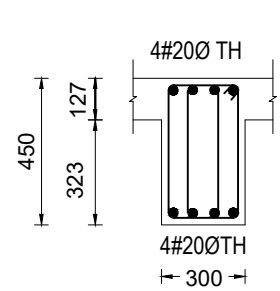
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> SLAB SECTION Date :2019 Scale :Not In Scale Unit : mm.	<b>Sheet No. :</b> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 14 </div>
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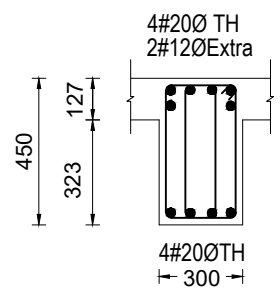
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> STAIRCASE REINFORCEMENT DETAILS Date :2019 Scale :Not In Scale Unit : mm.	<b>Sheet No. :</b> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 15 </div>
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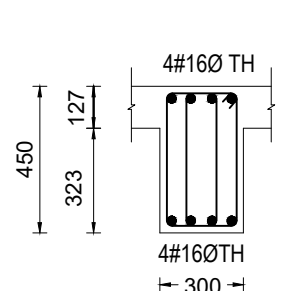
BEAM REINFORCEMENT DETAIL ALONG GRID 1-1



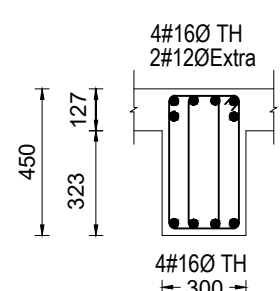
SECTION 1-1



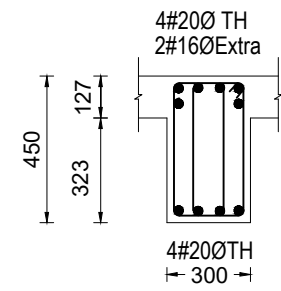
SECTION 2-2



SECTION 3-3

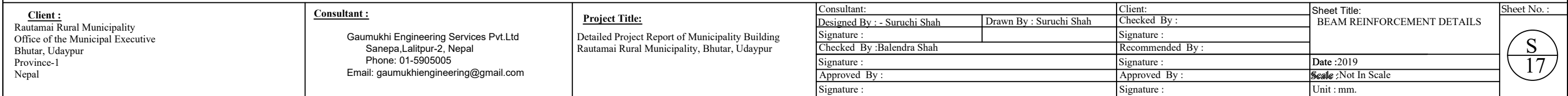


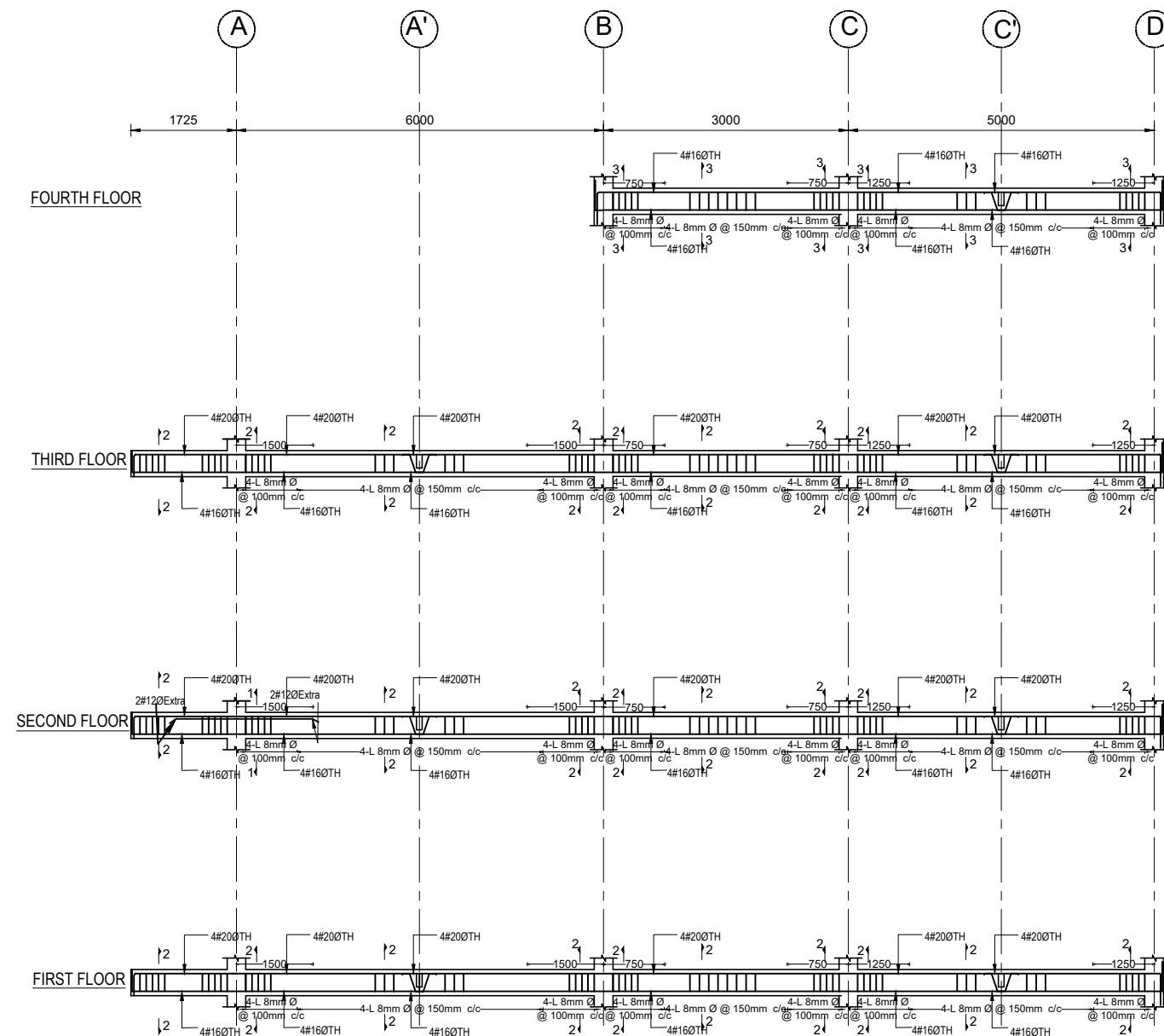
SECTION 4-4



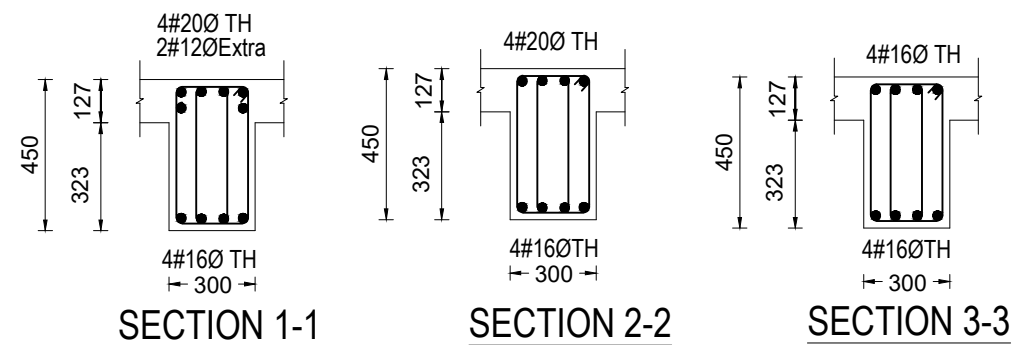
SECTION 5-5

<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> BEAM REINFORCEMENT DETAILS Date :2019 Scale :Not In Scale Unit : mm.	<b>Sheet No. :</b> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 16 </div>
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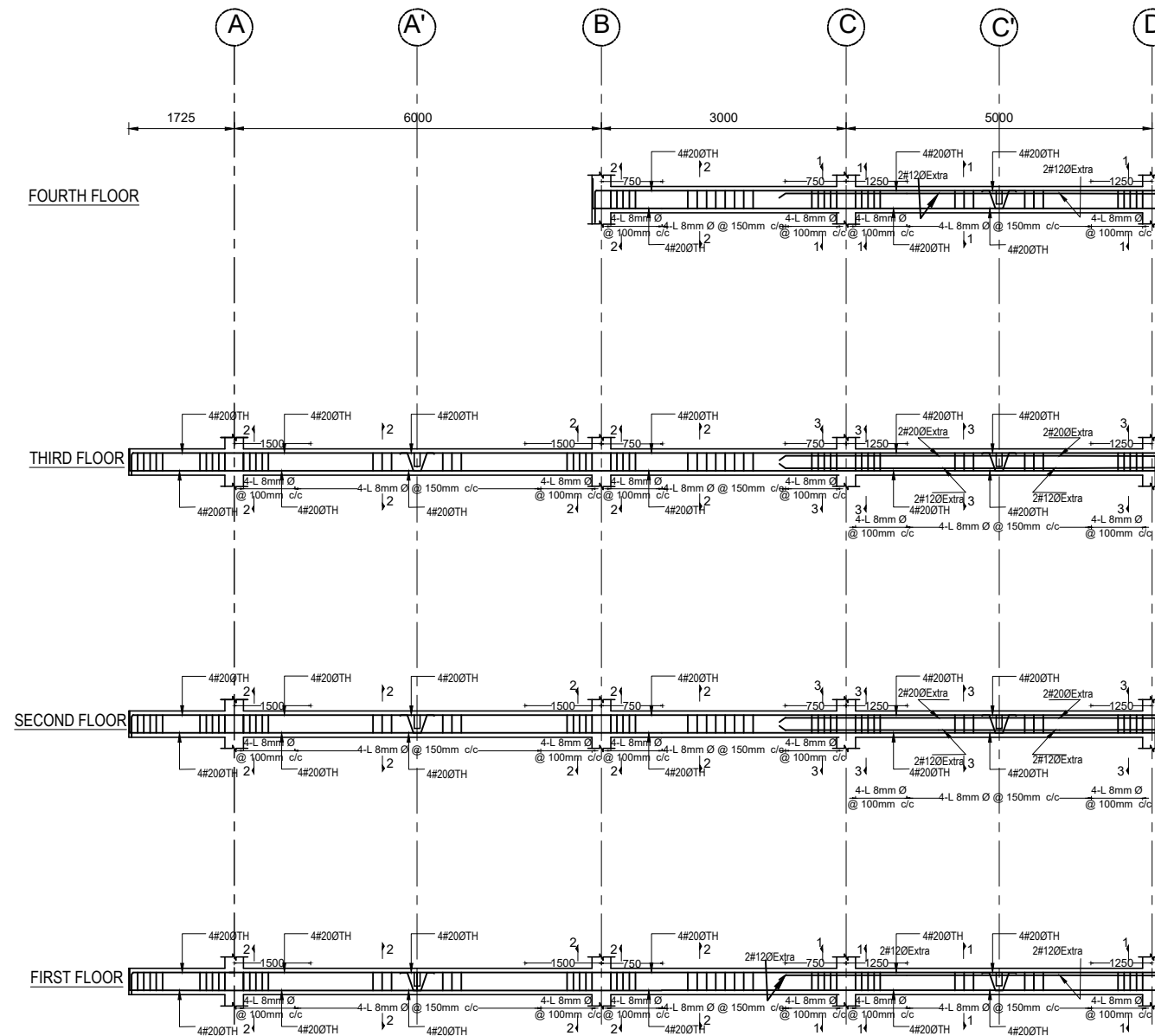




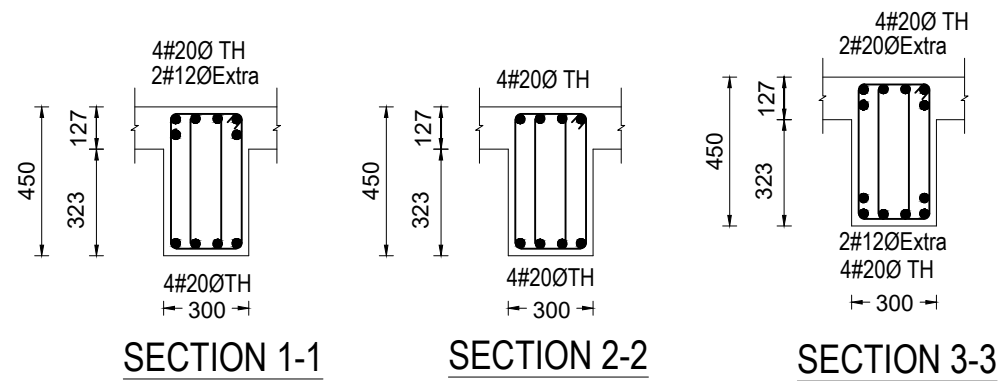
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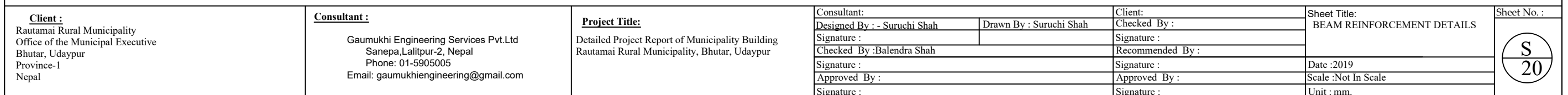
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> BEAM REINFORCEMENT DETAILS <b>Date :</b> 2019 <b>Scale :</b> Not In Scale <b>Unit :</b> mm.	<b>Sheet No. :</b> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 18 </div>
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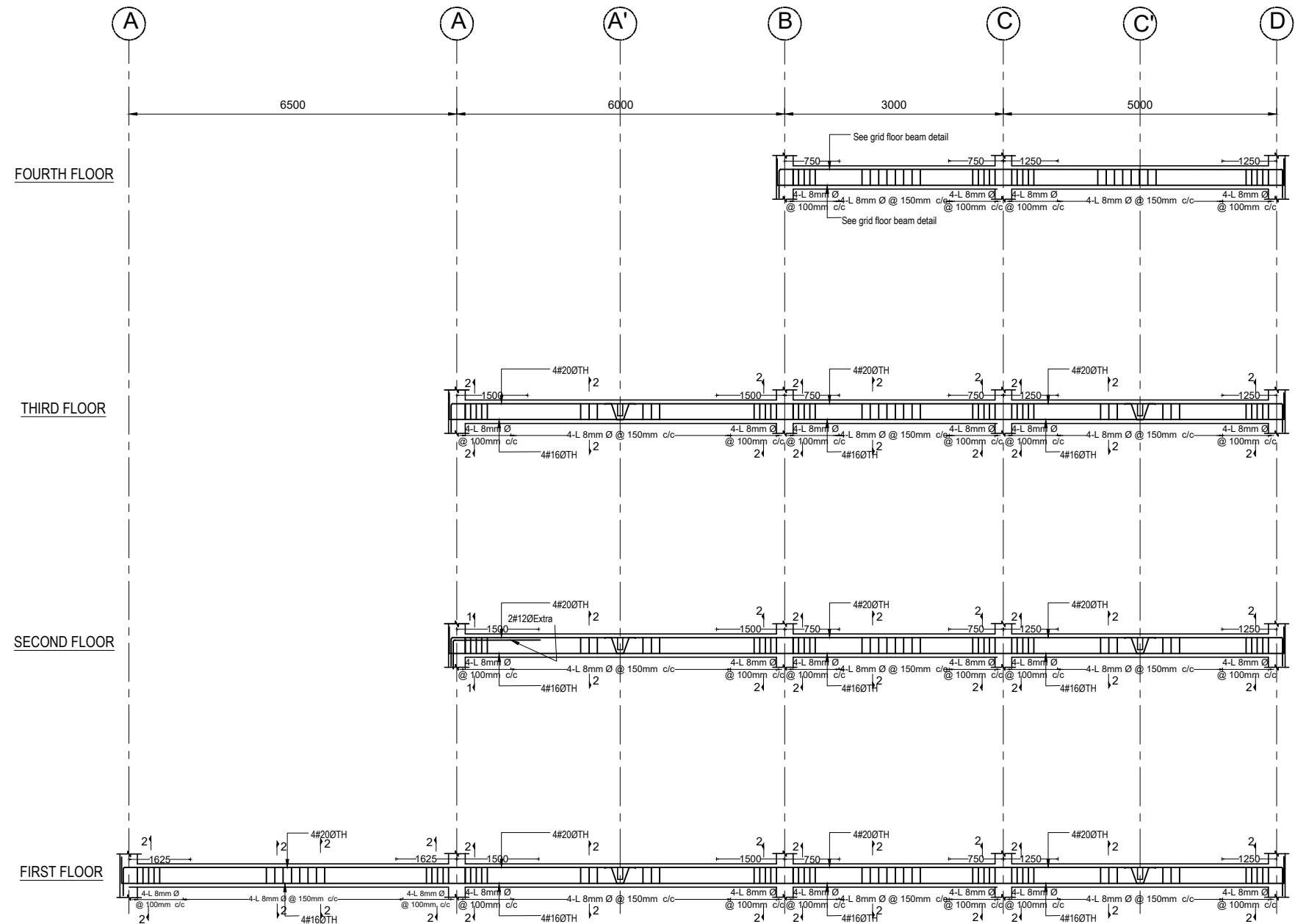
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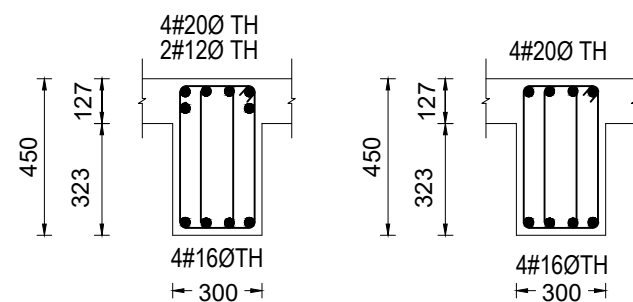
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> BEAM REINFORCEMENT DETAILS Date :2019 Scale :Not In Scale Unit : mm.	<b>Sheet No. :</b> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 19 </div>
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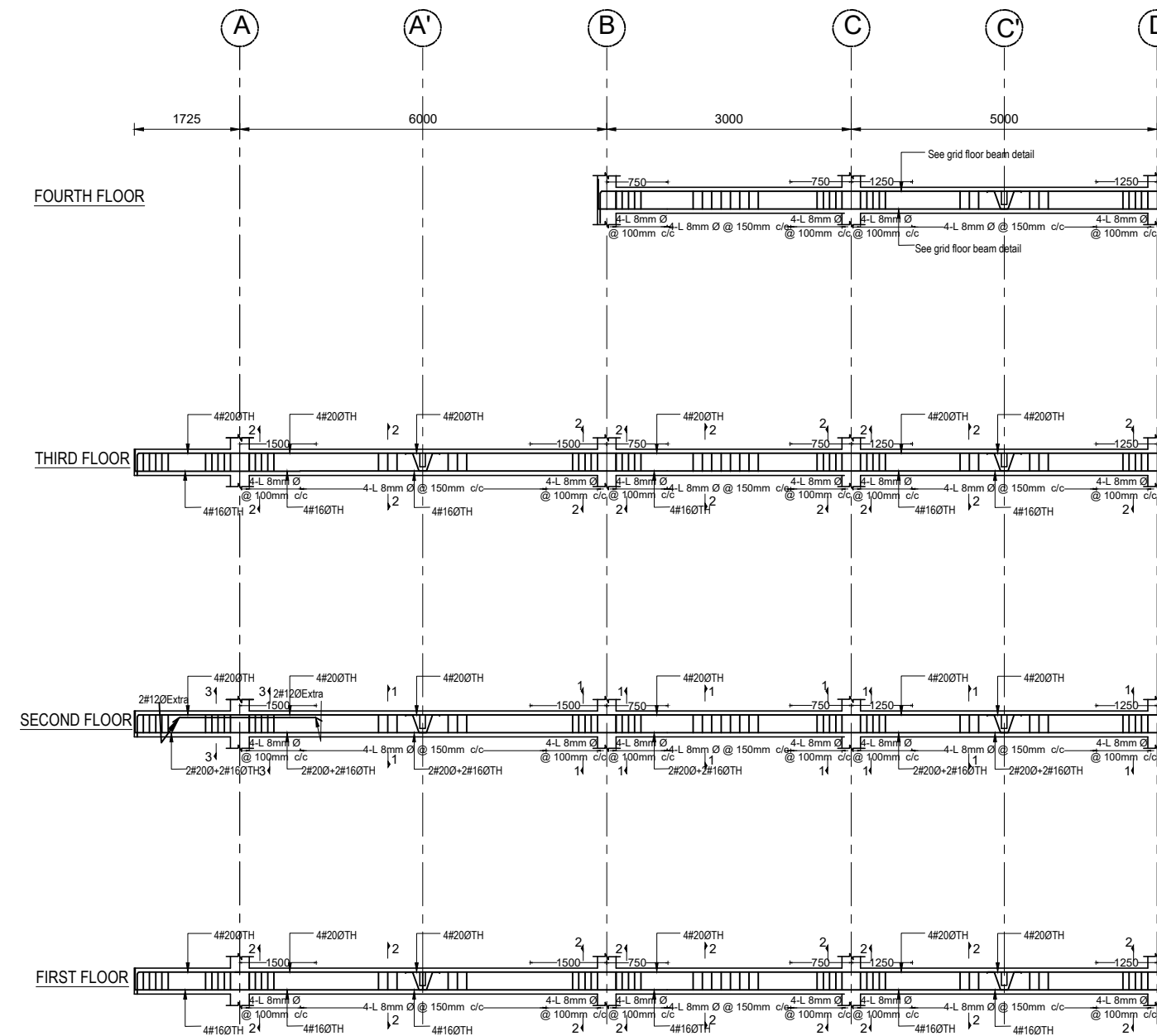
BEAM REINFORCEMENT DETAIL ALONG GRID 6-6



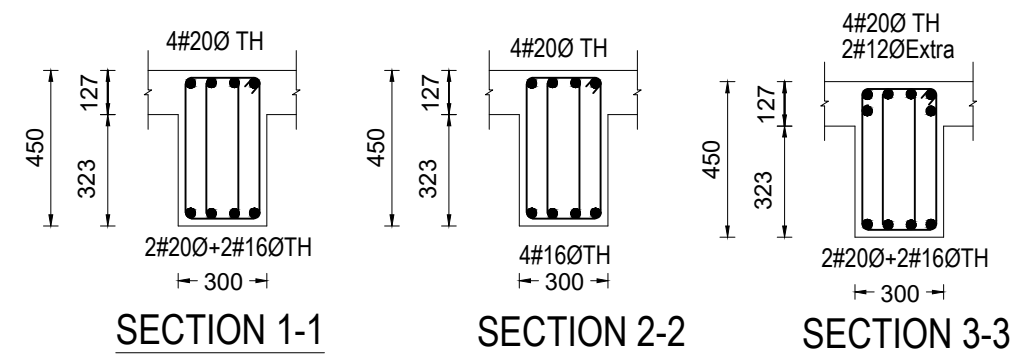
SECTION 1-1

SECTION 2-2

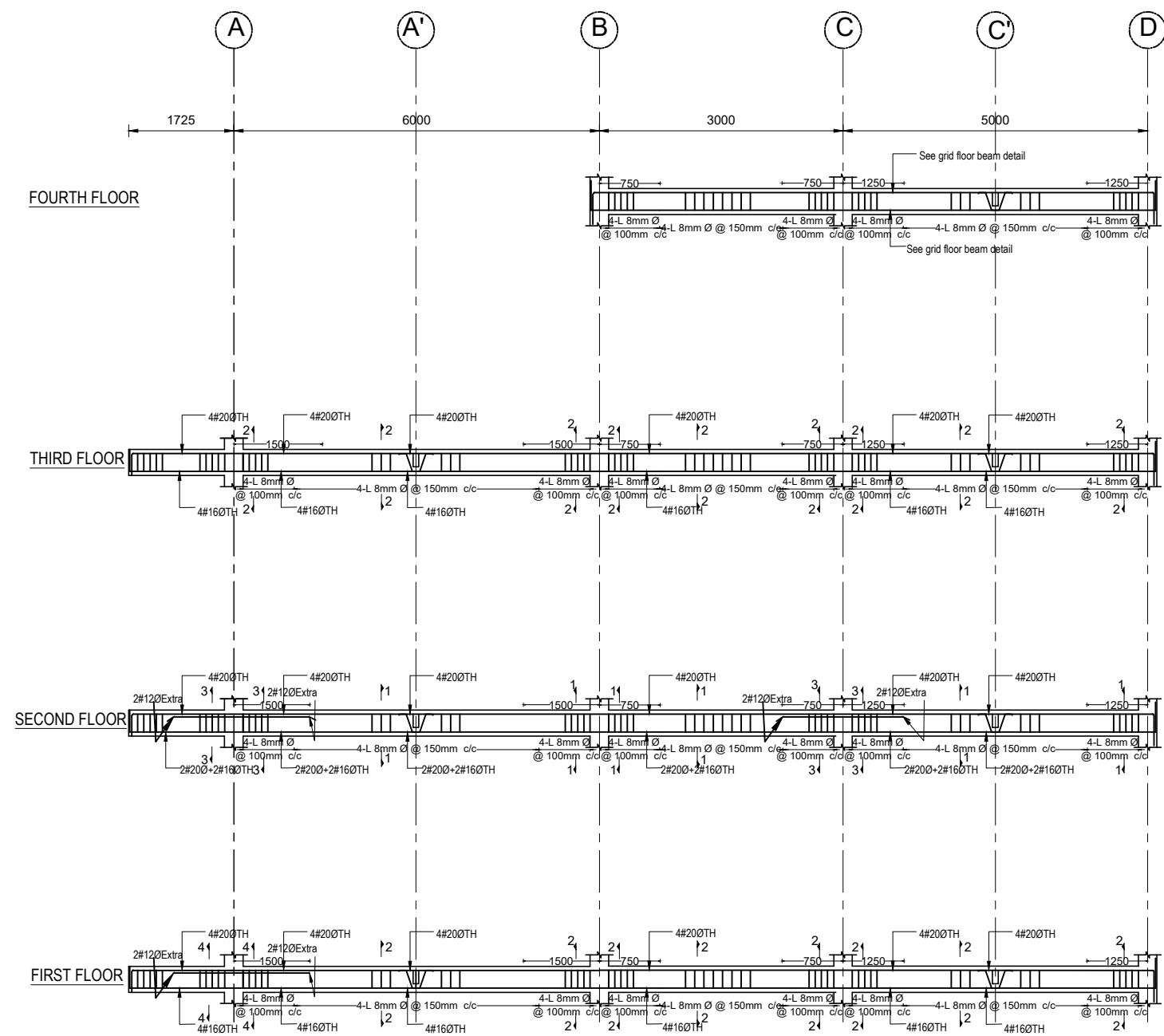
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> BEAM REINFORCEMENT DETAILS Date :2019 Scale :Not In Scale Unit : mm.	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 21 </div>
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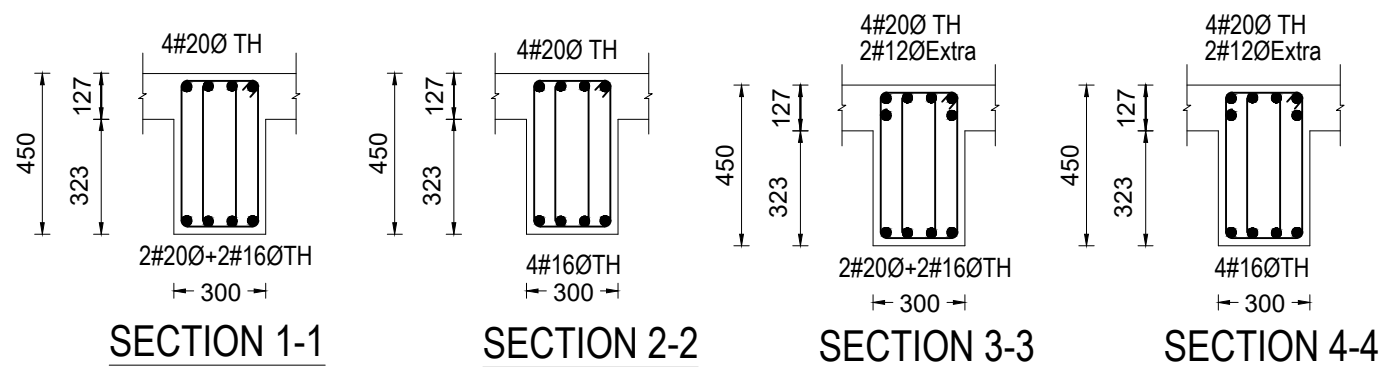
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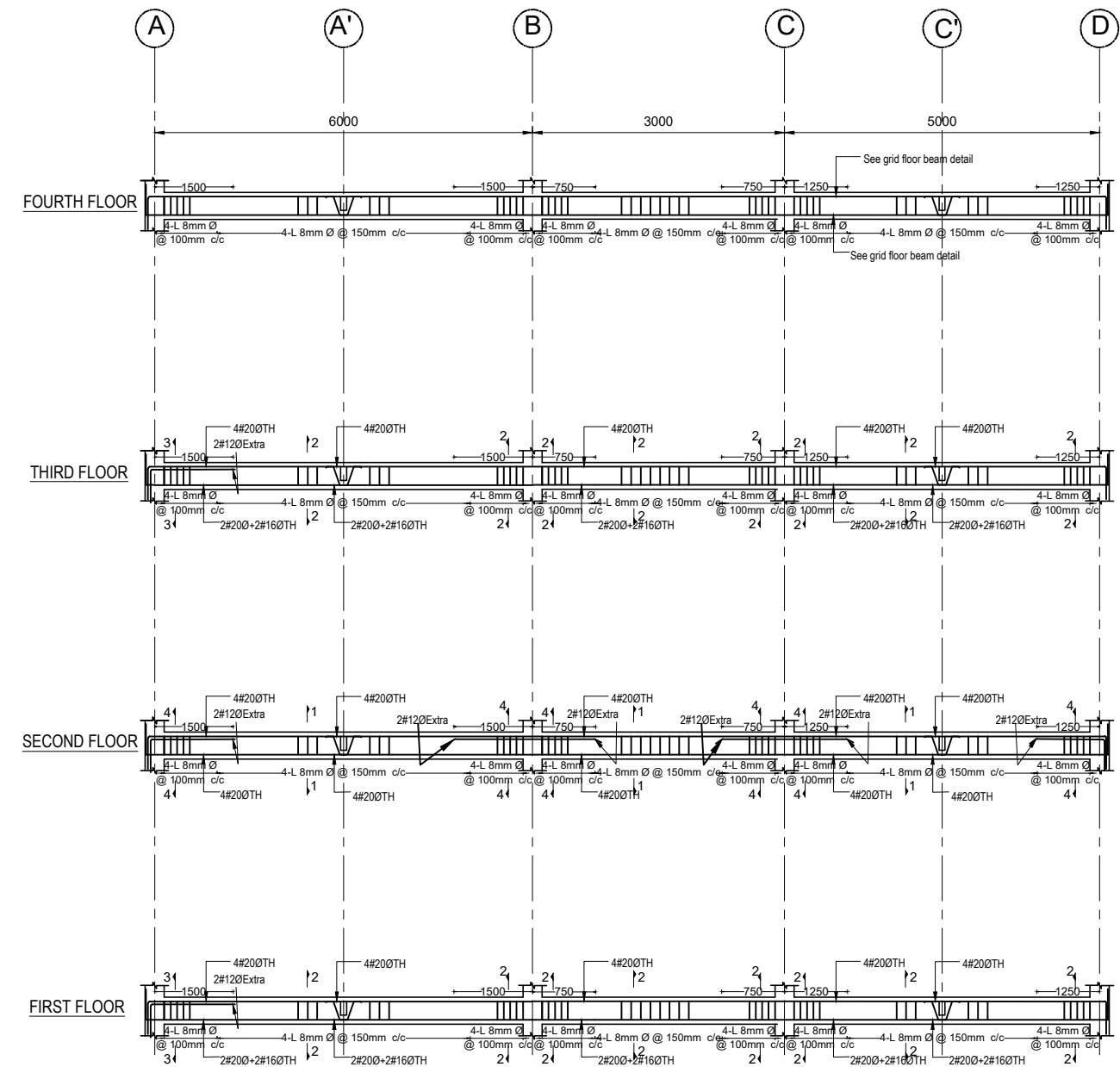
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b>  Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b>  Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	Consultant:		Client:		Sheet Title: BEAM REINFORCEMENT DETAILS	<div>S 22</div>			
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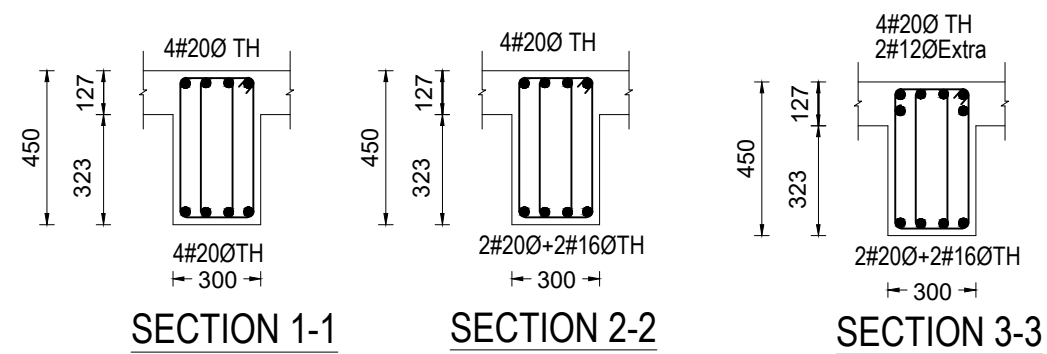
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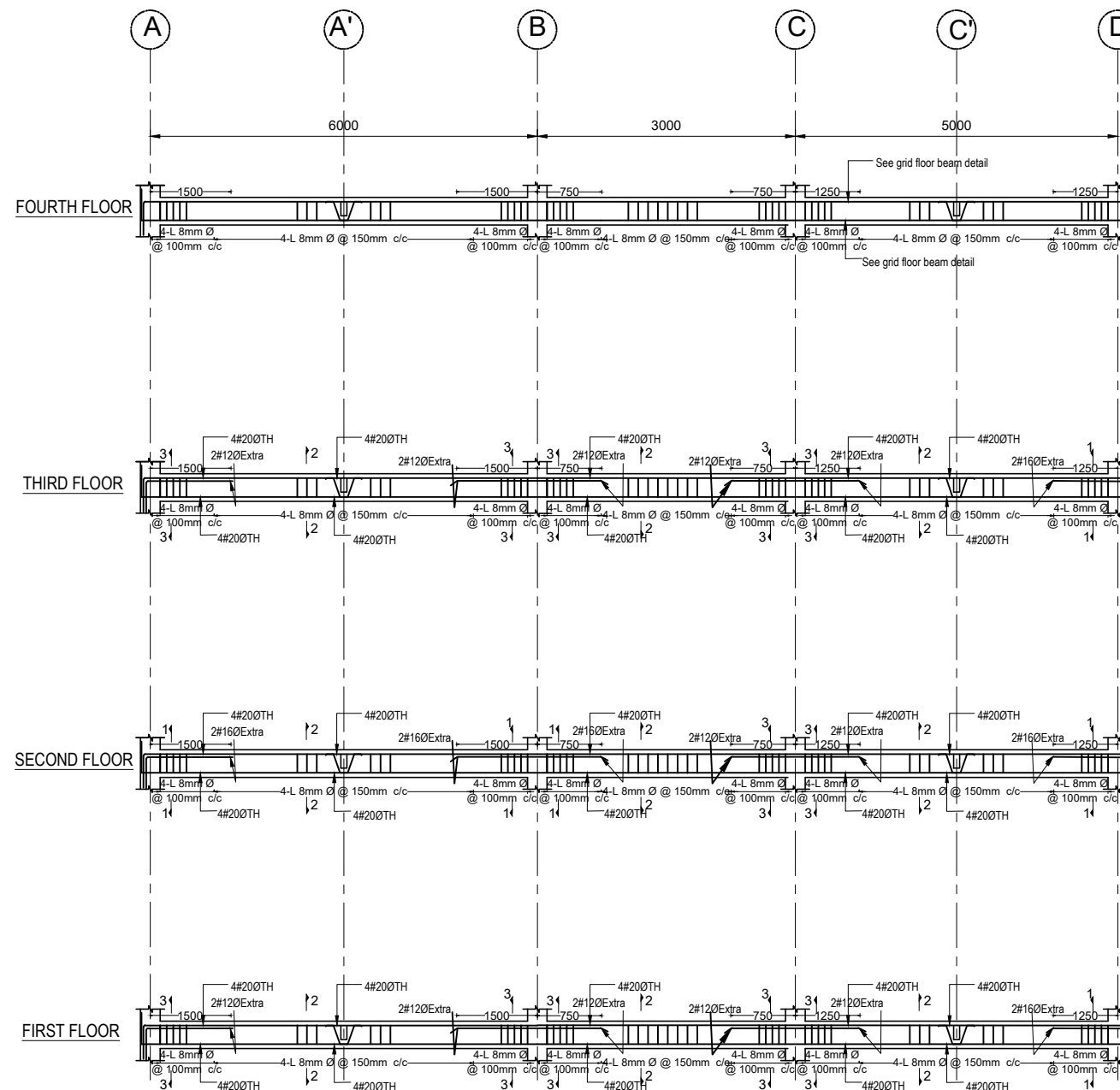
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> BEAM REINFORCEMENT DETAILS  Date :2019 Scale :Not In Scale Unit :	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 23 </div>
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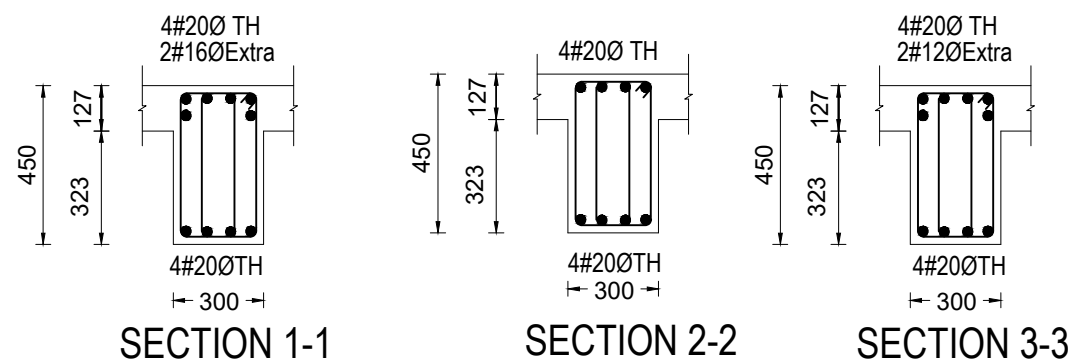
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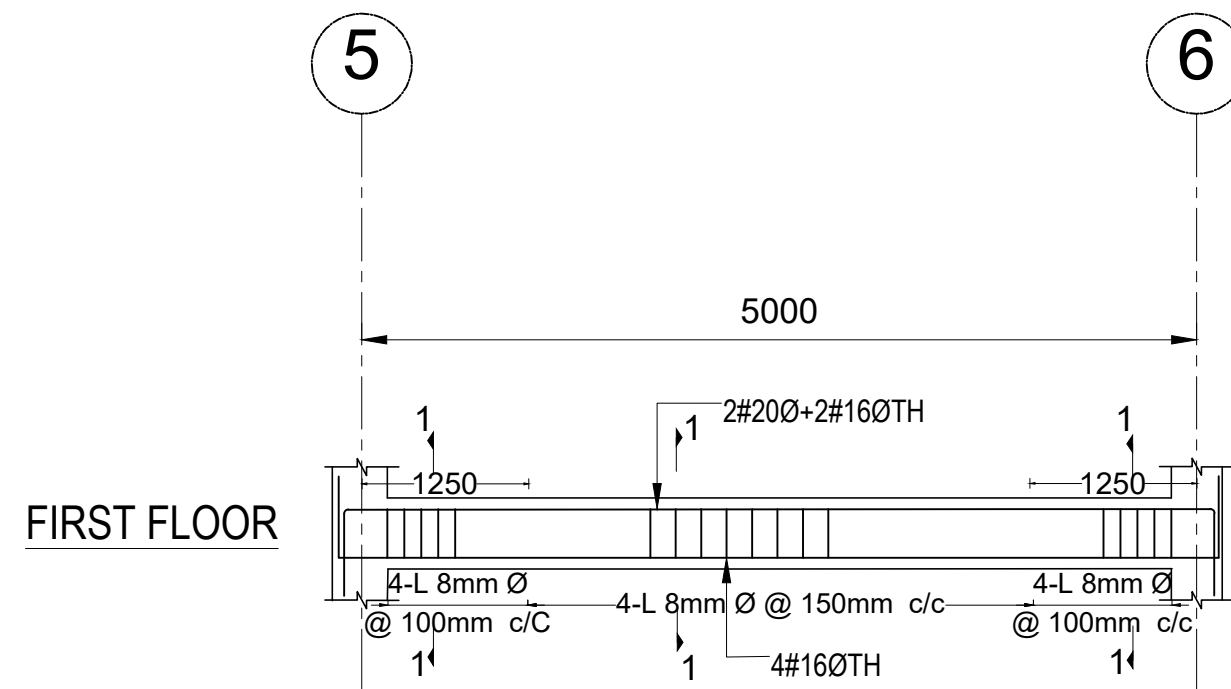
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b>  Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b>  Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> BEAM REINFORCEMENT DETAILS  <b>Date :</b> 2019 <b>Scale :</b> Not In Scale <b>Unit :</b> mm.	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 24 </div>
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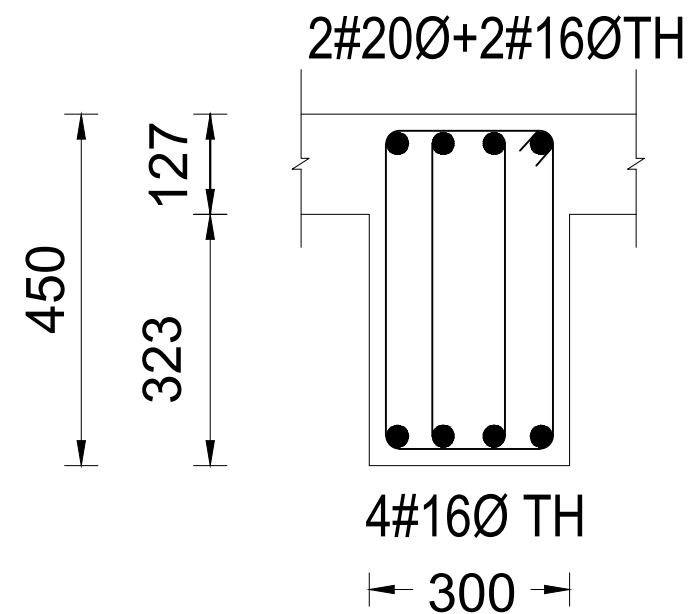
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<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b>  Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b>  Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	Consultant:		Client:	<b>Sheet Title:</b> BEAM REINFORCEMENT DETAILS
			Designed By : - Suruchi Shah	Drawn By : Suruchi Shah	Checked By :	
			Signature :		Signature :	
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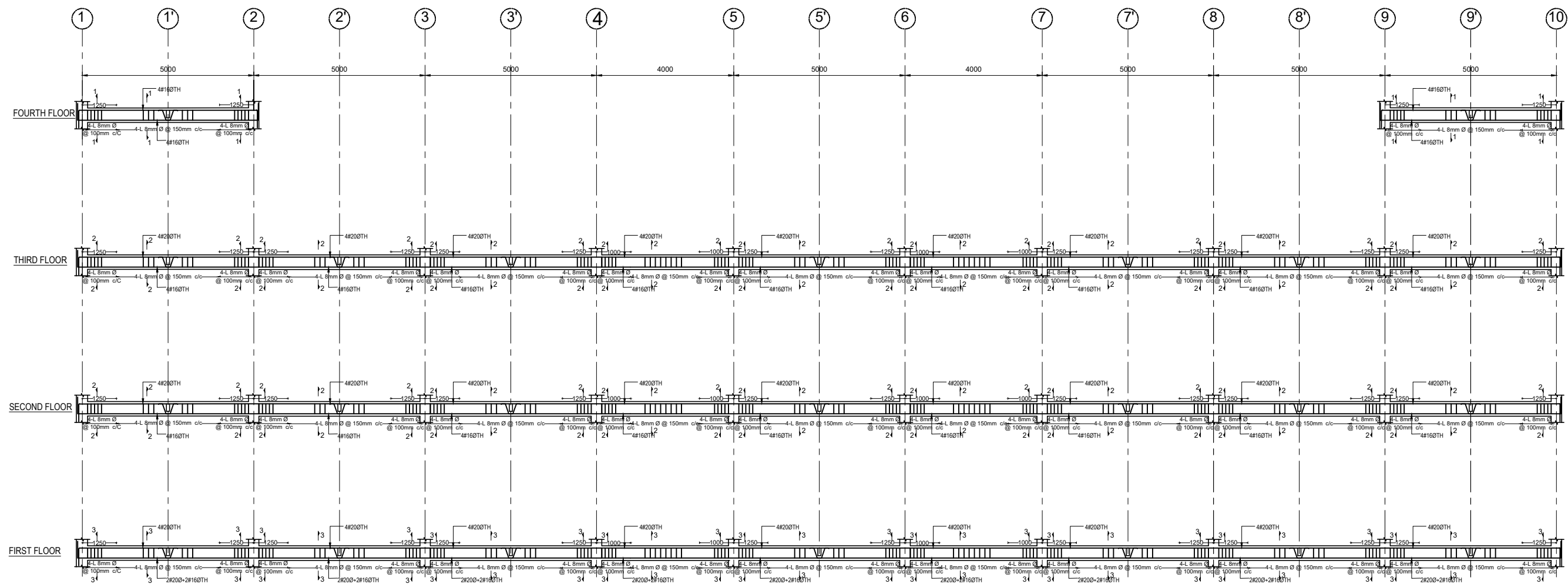


## BEAM REINFORCEMENT DETAIL ALONG GRID A"-A"

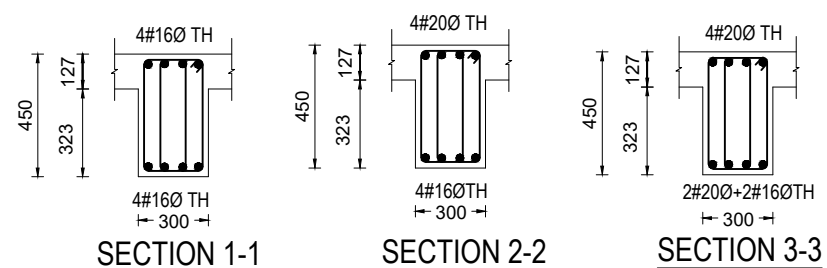


## SECTION 1-1

<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b>  Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b>  Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	Consultant:		Client:	Sheet Title: BEAM REINFORCEMENT DETAILS	<div><div>S</div><div>26</div></div>	
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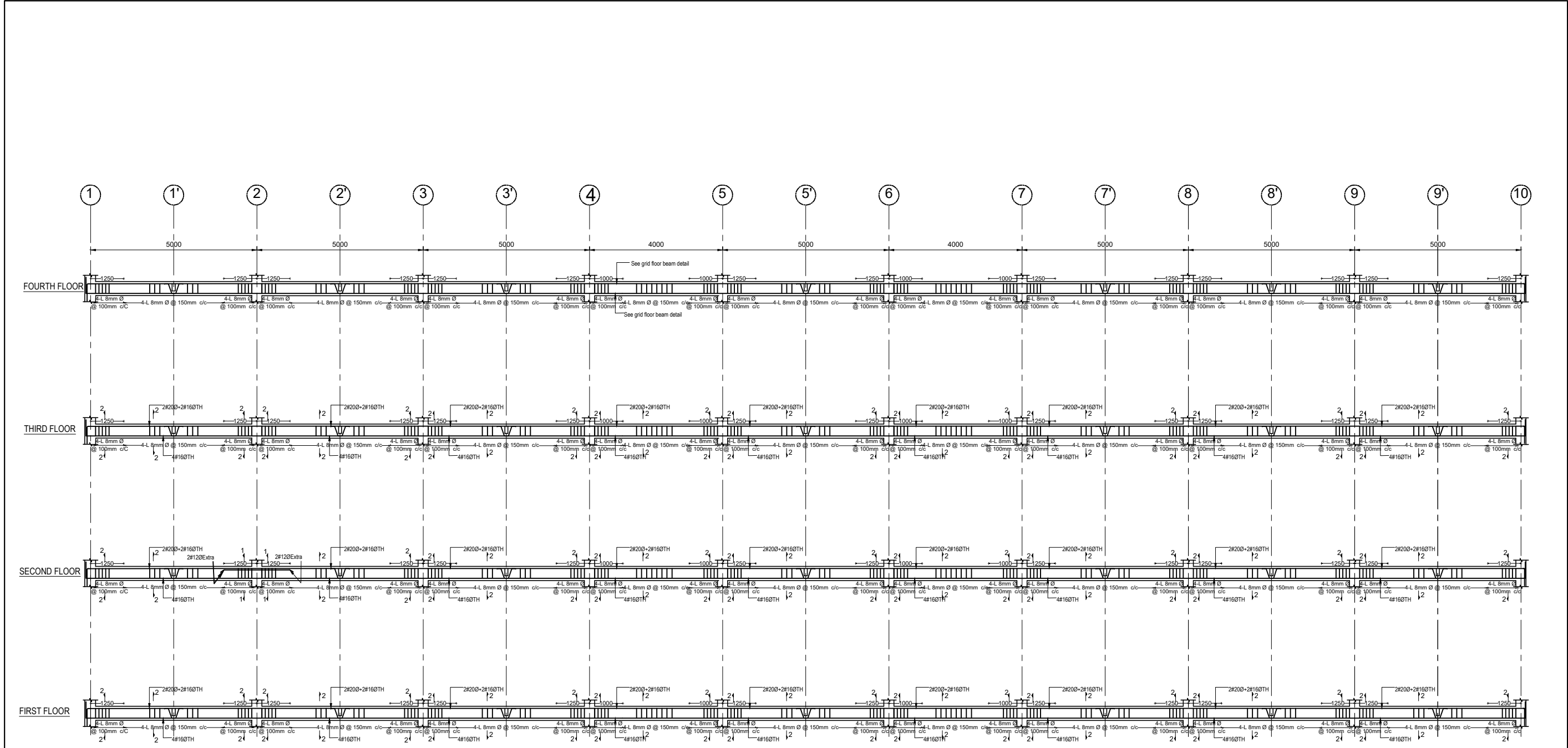
BEAM REINFORCEMENT DETAIL ALONG GRID A-A



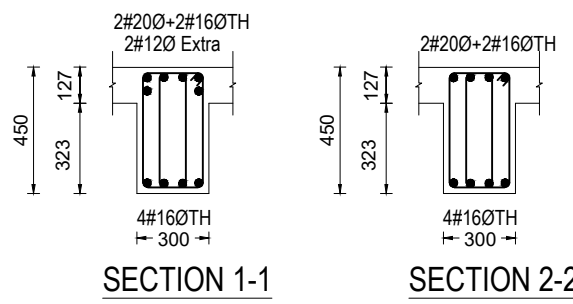
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> BEAM REINFORCEMENT DETAILS  Date :2019 Scale :Not In Scale Unit : mm.	Sheet No. : <div>S 27</div>
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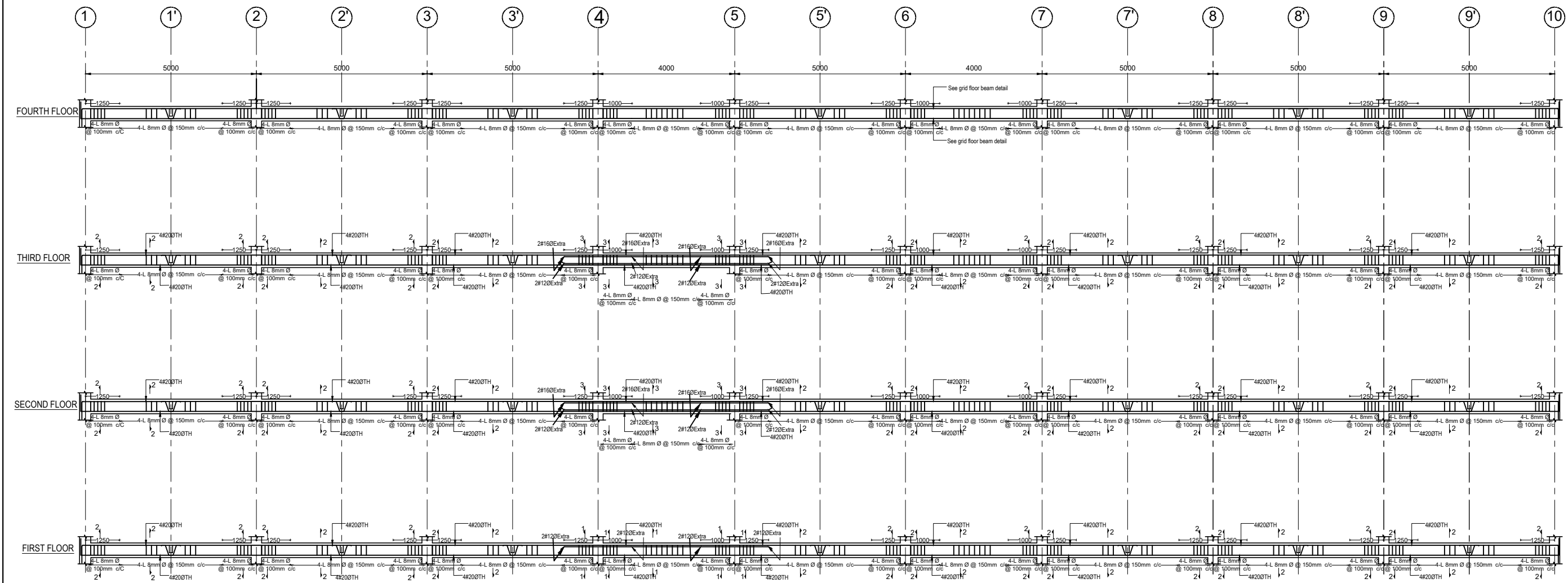
BEAM REINFORCEMENT DETAIL ALONG GRID C-C



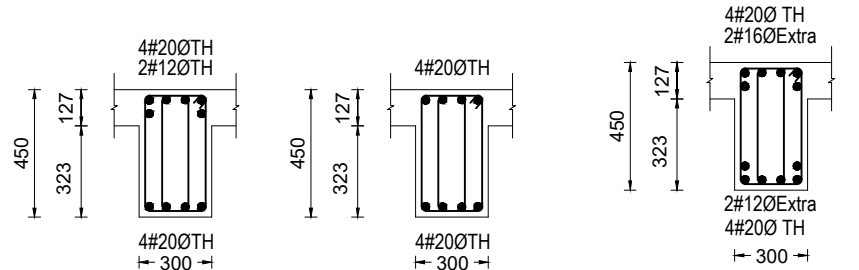
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b>  Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b>  Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	Consultant:		Client:		Sheet Title: BEAM REINFORCEMENT DETAILS	<div>S 29</div>		
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S  
30



BEAM REINFORCEMENT DETAIL ALONG GRID D-D

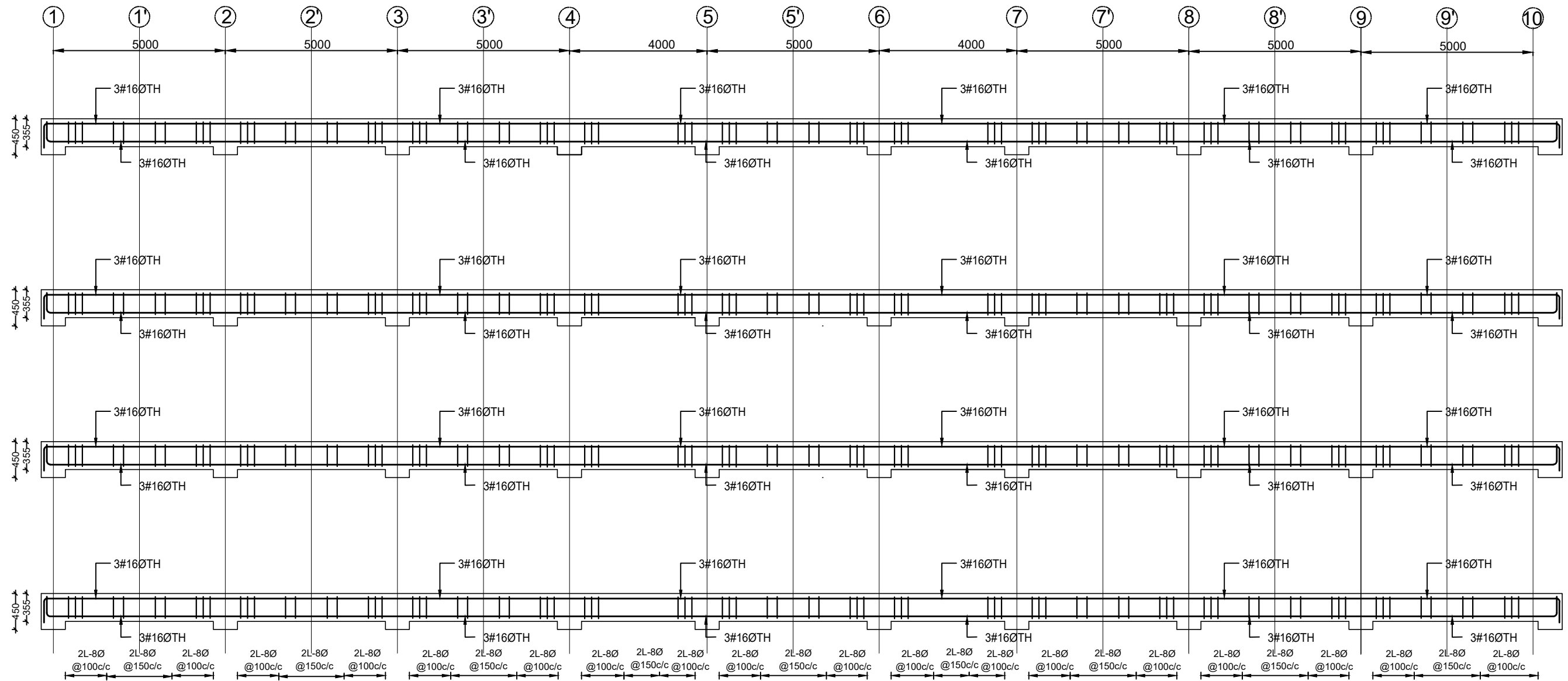


SECTION 1-1

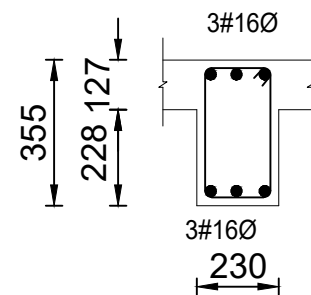
SECTION 2-2

SECTION 3-3

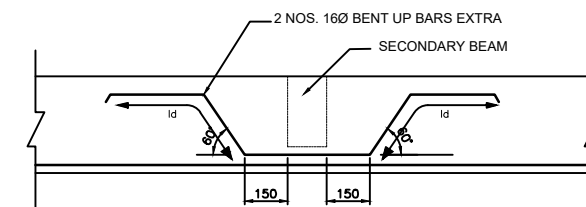
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SECONDARY BEAM ALONG X-AXIS

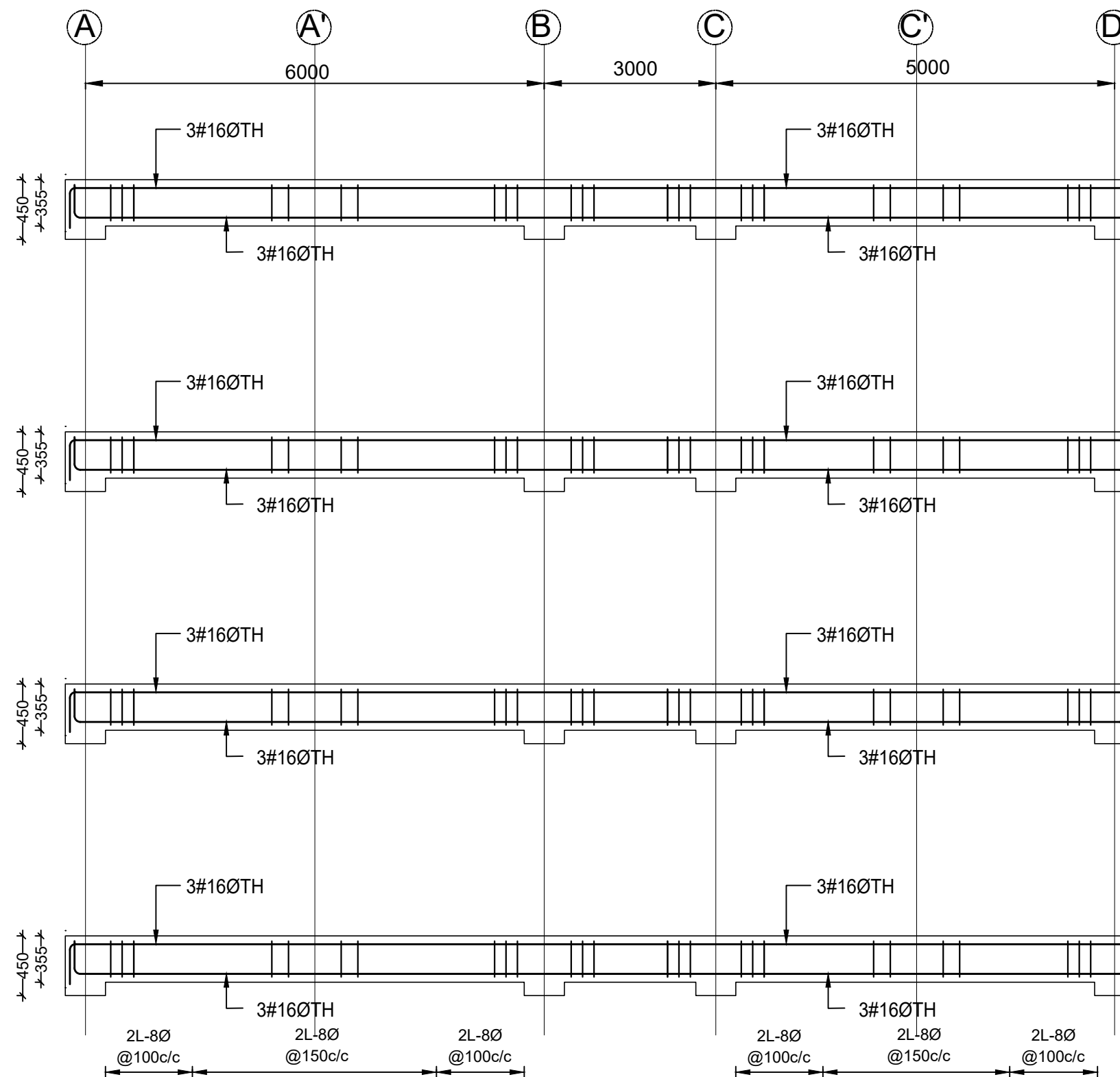


Secondary beam section

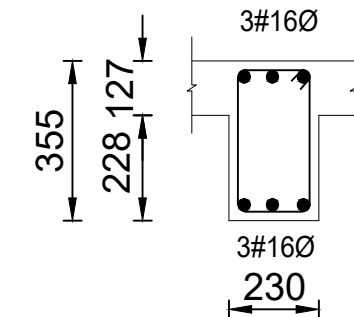


TYPICAL BENT UP BAR DETAIL AT SECONDARY AND MAIN BEAM JUNCTION

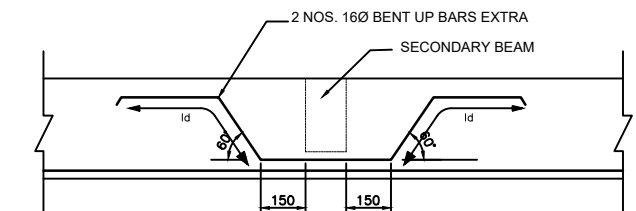
<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Drawn By : Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> SECONDARY BEAM DETAILS Date :2019 Scale :Not In Scale Unit : mm.	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 32 </div>
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**SECONDARY BEAM ALONG Y-AXIS**



**Secondary beam section**



**TYPICAL BENT UP BAR DETAIL AT SECONDARY AND MAIN BEAM JUNCTION**

<b>Client :</b> Rautamai Rural Municipality Office of the Municipal Executive Bhutar, Udaypur Province-1 Nepal	<b>Consultant :</b> Gaumukhi Engineering Services Pvt.Ltd Sanepa,Lalitpur-2, Nepal Phone: 01-5905005 Email: gaumukhiengineering@gmail.com	<b>Project Title:</b> Detailed Project Report of Municipality Building Rautamai Rural Municipality, Bhutar, Udaypur	<b>Consultant:</b> Designed By : - Suruchi Shah Drawn By : Suruchi Shah Signature : Checked By :Balendra Shah Signature : Approved By : Signature :	<b>Client:</b> Checked By : Signature : Recommended By : Signature : Approved By : Signature :	<b>Sheet Title:</b> SECONDARY BEAM DETAILS Date :2019 Scale :Not In Scale Unit : mm.	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> S 33 </div>
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