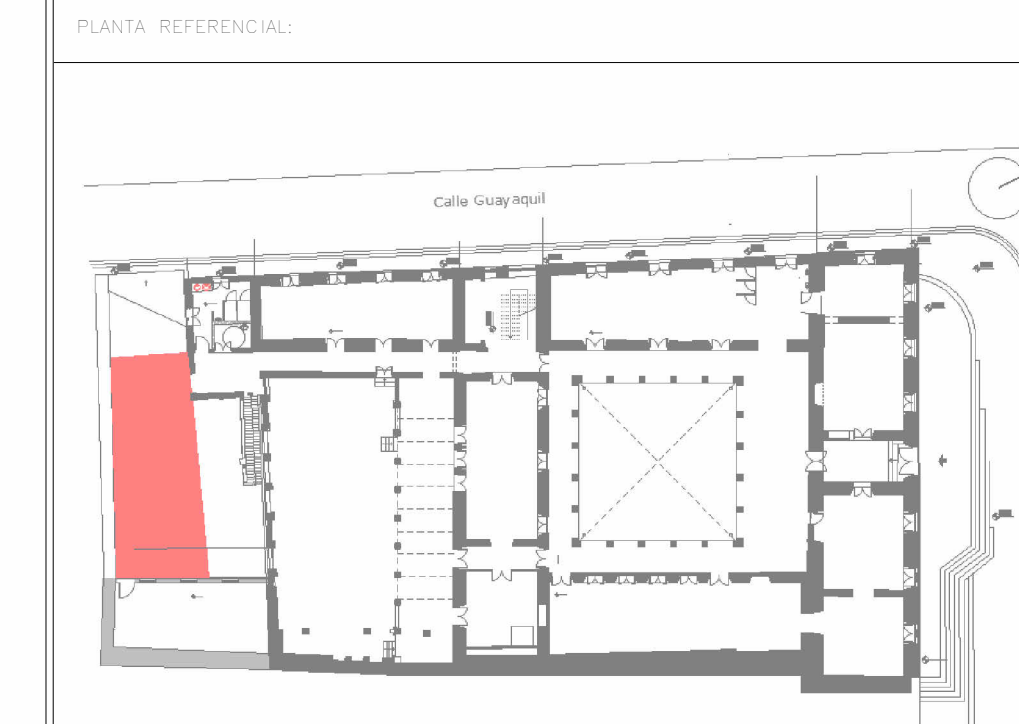


# Instituto Metropolitano de PATRIMONIO

## MUNICIPIO DEL DISTRITO METROPOLITANO DE QUITO ADMINISTRACIÓN SANTIAGO GUARDERAS

NOMBRE DEL PROYECTO  
"ESTUDIO DE ARQUITECTURA E INGENIERÍAS DEL INMUEBLE DENOMINADO CASA GARCIA MORENO -IMP"

CONTENIDO:  
**PROPUESTA ESTRUCTURAL:**  
PLANOS MÓDULO DISTRIBUIDOR: - TABLAS DE CUANTIFICACIÓN  
- VISTA 3D GENERAL DE LA ESTRUCTURA  
- DETALLES



LOS ELEMENTOS Y COMPONENTES A CONSERVARSE SE SUJETARAN A LAS ESPECIFICACIONES DE CONSERVACION

**ARQ. ANGELICA ARIAS B.**  
DIRECTORA EJECUTIVA

AREA REQUERIDA:  
**DIRECCION DE INVESTIGACIÓN Y DISEÑO DE PROYECTOS PATRIMONIALES**

FECHA:  
**OCTUBRE 2022**

REVISADO POR:  
**ARQ. MERCEDES CÁRDENAS**  
DIRECTORA DIDPP

RESPONSABLE CONSULTOR:  
**ARQ. BERNARDO BUSTAMANTE P.**  
P=9733 EMP=Q 8738

ADMINISTRADOR DEL CONTRATO:  
**ARQ. ANA L. ANDINO**

COLABORACION:  
**ING. GALO SERRANO**  
SENECYT: 1001-14-1302666

ESCALA:  
**INDICADAS**

SUBICACION:  
SECTOR PLAZA SANTI DOMINGO

LAMINA:  
**E05**

PREDDI:  
131489 30101 04 001 000 000 000

SELLOS

PLANILLA COLUMNAS DE ACERO					
Marca	Tipo	N°	Longitud (mm)	Peso (kg)	Material estructural
100	C-1	9	3340	1444.28 kg	ASTM A572 Gr.50
101	C-1	9	5940	2578.40 kg	ASTM A572 Gr.50
102	C-1	7	7200	2430.81 kg	ASTM A572 Gr.50
103	C-1	8	9900	3819.85 kg	ASTM A572 Gr.50
104	C-1	7	14630	4939.28 kg	ASTM A572 Gr.50
C-1: 40				15212.61 kg	
105	C2	4	3340	362.45 kg	ASTM A572 Gr.50
106	C2	4	5940	644.60 kg	ASTM A572 Gr.50
107	C2	4	7200	781.33 kg	ASTM A572 Gr.50
108	C2	4	9900	1074.33 kg	ASTM A572 Gr.50
109	C2	1	14630	396.91 kg	ASTM A572 Gr.50
110	C2	3	4730	384.97 kg	ASTM A572 Gr.50
C2: 20				3644.59 kg	
Total:				18957.20 kg	

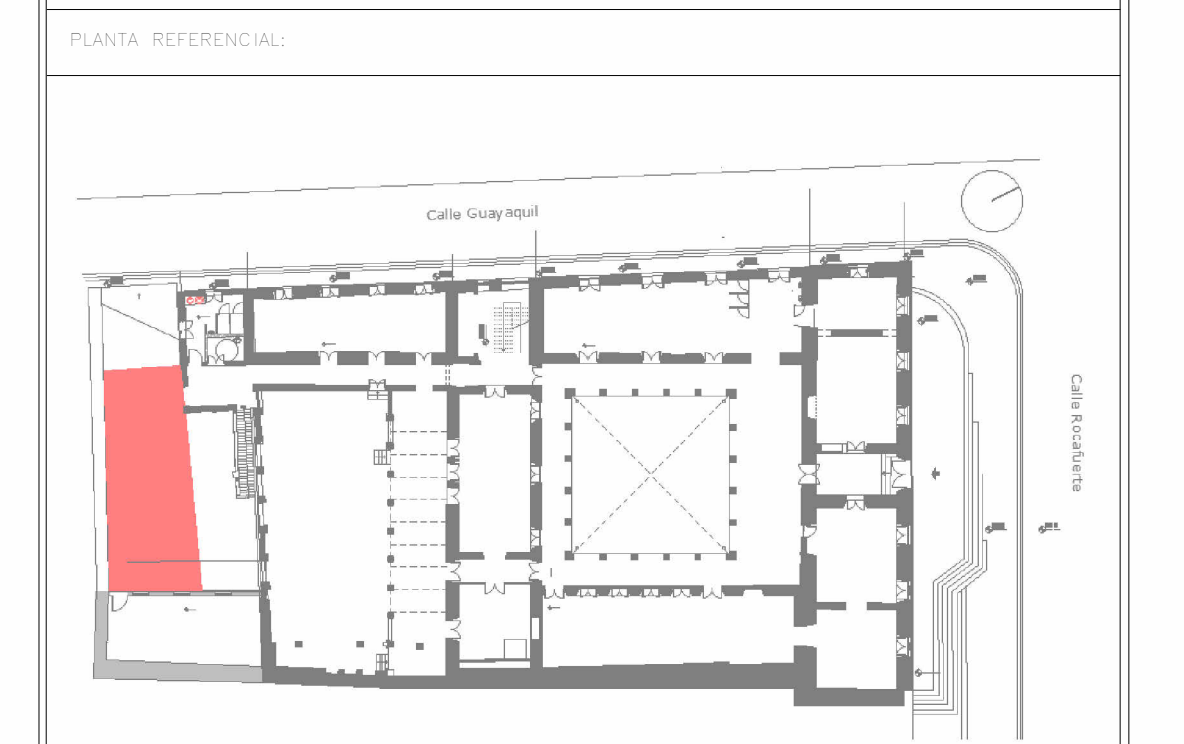
CADENAS DE AMARRE		
Tipo	Volumen de hormigón	Material estructural
CD-25x25	1.10 m³	f <sub>c</sub> =240kg/cm²
Total:	1.10 m³	

PLANILLA VIGAS DE ACERO						
Marca	Tipo	Número	Longitud (mm)	Longitud Total (m)	Peso (kg)	Material Estructural
G-150X50X25X4	2	1420	2.84	25.00 kg	A653SQGr50	
G-150X50X25X4	1	1430	1.43	12.61 kg	A653SQGr50	
G-150X50X25X4	1	3160	3.16	28.03 kg	A653SQGr50	
501 G-150X50X25X4	1	1240	1.24	11.04 kg	ASTM A36	
501 G-150X50X25X4	1	1330	1.33	11.84 kg	ASTM A36	
502 G-150X50X25X4	1	1420	1.42	12.45 kg	ASTM A36	
502 G-150X50X25X4	1	1450	1.45	12.72 kg	ASTM A36	
503 G-150X50X25X4	3	990	2.97	26.43 kg	ASTM A36	
504 G-150X50X25X4	2	1230	2.46	21.46 kg	ASTM A36	
505 G-150X50X25X4	1	1280	1.28	11.26 kg	ASTM A36	
506 G-150X50X25X4	2	1270	2.54	22.43 kg	<varia>	
507 G-150X50X25X4	1	1120	1.12	9.94 kg	ASTM A36	
508 G-150X50X25X4	2	1210	2.42	21.40 kg	<varia>	
509 G-150X50X25X4	1	1260	1.26	11.10 kg	ASTM A36	
510 G-150X50X25X4	1	1300	1.30	11.27 kg	ASTM A36	
511 G-150X50X25X4	1	1250	1.25	10.99 kg	ASTM A36	
512 G-150X50X25X4	3	3210	3.21	28.43 kg	ASTM A36	
514 G-150X50X25X4	3	1000	3.00	26.70 kg	<varia>	
515 G-150X50X25X4	1	980	0.98	8.75 kg	A653SQGr50	
G-150X50X25X4			36.62	324.32 kg		

600	T1	1	510	0.51	10.25 kg	ASTM A36
601	T1	1	960	0.96	21.40 kg	ASTM A36
602	T1	1	1190	1.19	27.09 kg	ASTM A36
603	T1	1	590	0.59	13.54 kg	ASTM A36
604	T1	1	1240	1.24	28.23 kg	ASTM A36
605	T1	1	1320	1.32	27.58 kg	ASTM A36
606	T1	1	1200	1.20	26.68 kg	ASTM A36
607	T1	1	1250	1.25	27.69 kg	ASTM A36
608	T1	1	1380	1.38	30.61 kg	ASTM A36
609	T1	1	1610	1.61	35.22 kg	ASTM A36
610	T1	1	1470	1.47	30.39 kg	ASTM A36
611	T1	1	1960	1.96	44.17 kg	ASTM A36
612	T1	1	3340	3.34	75.04 kg	ASTM A36
613	T1	2	3910	7.82	178.00 kg	ASTM A36
614	T1	1	6980	6.98	158.03 kg	ASTM A36
615	T1	1	1350	1.35	30.76 kg	ASTM A36
616	T1	1	1000	1.00	22.63 kg	ASTM A36
617	T1	1	5770	5.77	127.73 kg	ASTM A36
618	T1	1	7120	7.12	159.23 kg	ASTM A36
619	T1	1	990	0.99	22.42 kg	ASTM A36
T1				49.06	1096.57 kg	

700	V-1	1	1170	1.17	20.36 kg	ASTM A572 Gr.50
700	V-1	1	1180	1.18	20.46 kg	ASTM A572 Gr.50
701	V-1	2	1180	2.36	40.99 kg	ASTM A572 Gr.50
701	V-1	3	1200	3.59	62.40 kg	ASTM A572 Gr.50
702	V-1	1	1220	1.22	21.25 kg	ASTM A572 Gr.50
703	V-1	1	1180	1.18	20.49 kg	ASTM A572 Gr.50
704	V-1	1	1170	1.17	20.39 kg	ASTM A572 Gr.50
704	V-1	3	1200	3.60	62.66 kg	ASTM A572 Gr.50
704	V-1	1	1220	1.22	21.27 kg	ASTM A572 Gr.50
705	V-1	1	1180	1.18	20.54 kg	ASTM A572 Gr.50
705	V-1	3	1200	3.59	62.48 kg	ASTM A572 Gr.50
705	V-1	1	1230	1.23	21.39 kg	ASTM A572 Gr.50
706	V-1	2	1200	2.40	41.74 kg	ASTM A572 Gr.50
706	V-1	2	1250	2.50	43.46 kg	ASTM A572 Gr.50
707	V-1	1	1250	1.25	21.74 kg	ASTM A572 Gr.50
707	V-1	1	1300	1.30	22.60 kg	ASTM A572 Gr.50
707	V-1	1	1310	1.31	22.72 kg	ASTM A572 Gr.50
708	V-1	2	1160	2.33	40.51 kg	ASTM A572 Gr.50
709	V-1	3	1190	3.57	62.09 kg	ASTM A572 Gr.50
710	V-1	2	1170	2.34	40.72 kg	ASTM A572 Gr.50
711	V-1	3	1200	3.59	62.41 kg	ASTM A572 Gr.50
712	V-1	2	1180	2.37	41.21 kg	ASTM A572 Gr.50
713	V-1	4	1210	4.84	84.18 kg	ASTM A572 Gr.50
714	V-1	2	1610	3.23	56.17 kg	ASTM A572 Gr.50
715	V-1	6	1640	9.84	171.15 kg	ASTM A572 Gr.50
715	V-1	1	1670	1.67	29.13 kg	ASTM A572 Gr.50
715	V-1	1	1680	1.68	29.13 kg	ASTM A572 Gr.50
716	V-1	1	1620	1.62	28.19 kg	ASTM A572 Gr.50
717	V-1	1	1630	1.63	28.29 kg	ASTM A572 Gr.50
718	V-1	1	1680	1.68	29.23 kg	ASTM A572 Gr.50
719	V-1	1	1680	1.68	29.23 kg	ASTM A572 Gr.50

PLANILLA DE ACERO DE REFUERZO									
MADESA	TIPO	N°	a (m)	b (m)	c (m)	Long. barra (m)	Peso (kg)	Material	Long. total (m)
520	V-1	1	1.60	0.00	1.60	3.20	10.94	ASTM A572 Gr.50	3.20
520	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
521	O	10	0.20	0.00	0.00	0.30	0.90	ASTM A572 Gr.50	3.00
522	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
523	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
524	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
525	O	10	0.20	0.00	0.00	0.30	0.90	ASTM A572 Gr.50	3.00
526	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
527	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
528	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
529	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
530	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
531	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
532	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
533	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
534	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
535	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
536	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
537	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
538	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
539	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
540	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
541	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
542	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
543	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
544	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
545	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
546	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
547	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
548	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
549	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
550	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
551	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
552	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
553	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
554	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
555	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
556	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
557	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
558	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
559	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
560	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
561	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
562	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
563	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
564	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
565	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
566	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
567	C	12	1.60	0.00	0.00	2.00	26.14	ASTM A572 Gr.50	19.20
568	C	12	1.60	0.00					



LOS ELEMENTOS Y COMPONENTES A CONSERVARSE SE SUJETARÁN A LAS ESPECIFICACIONES DE CONSERVACIÓN

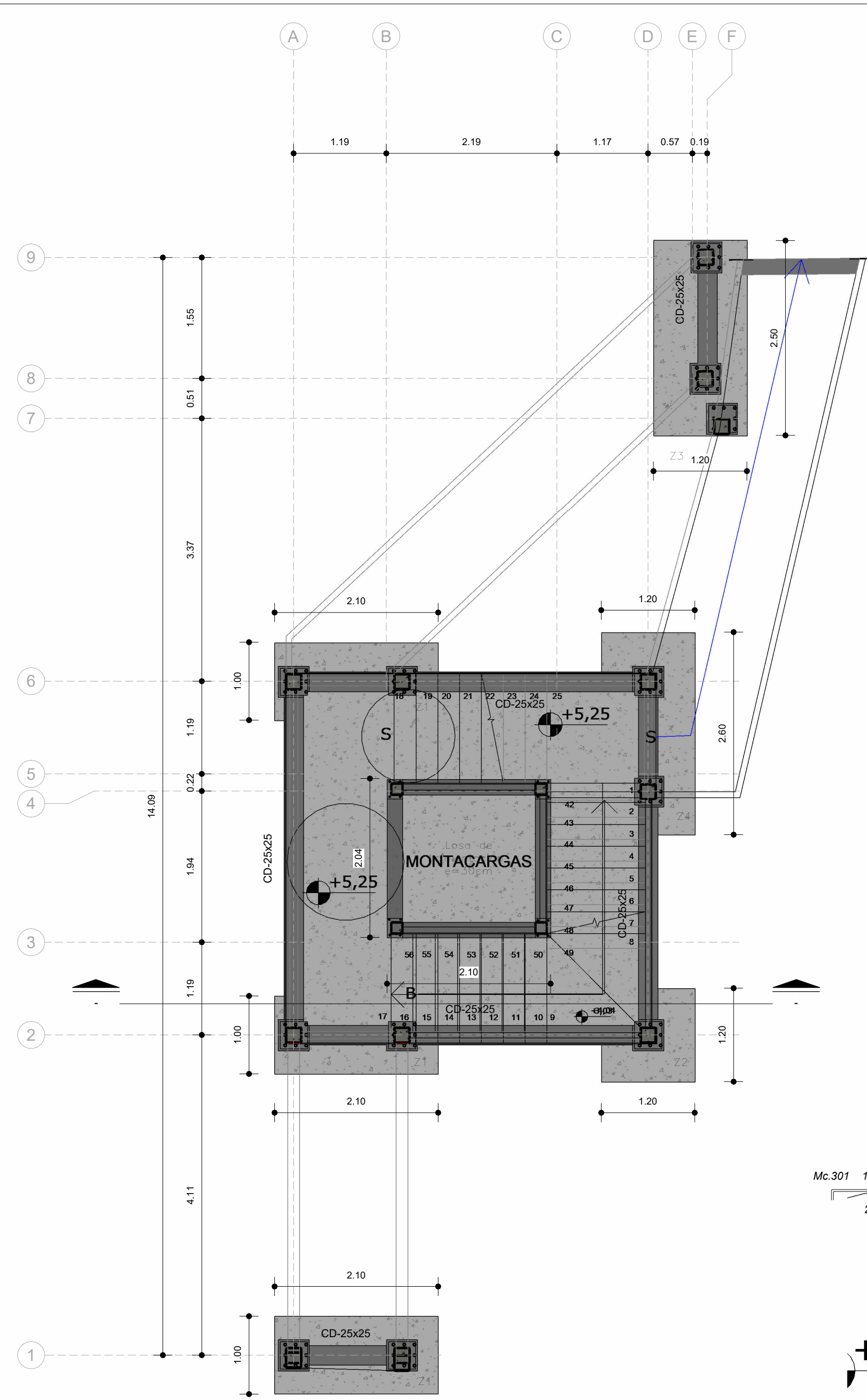
**ARQ. ANGELICA ARIAS B.**  
DIRECTORA EJECUTIVA

ÁREA REQUERIDA: DIRECCIÓN DE INVESTIGACIÓN Y DISEÑO DE PROYECTOS PATRIMONIALES  
FECHA: OCTUBRE 2022

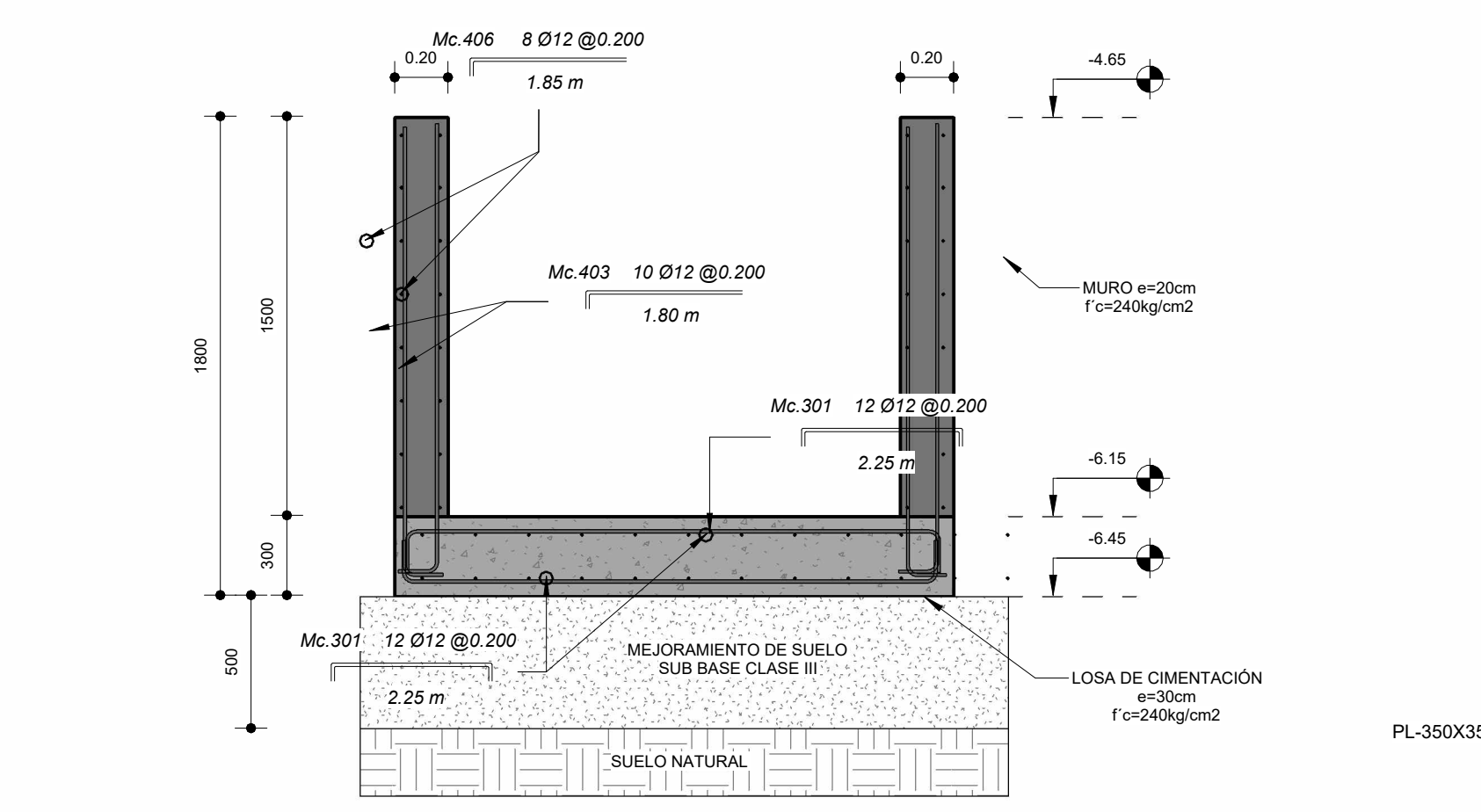
REVISADO POR: ARQ. MERCEDES CÁRDENAS DIRECTORA DIDPP  
RESPONSABLE CONSULTOR: ARQ. BERNARDO BUSTAMANTE P. P=9733 EMOP-Q 6738

ADMINISTRADOR DEL CONTRATO: ARQ. ANA L. ANDINO  
COLABORACIÓN: ING. GALO SERRANO SENESCYT: 1001-14-1302666

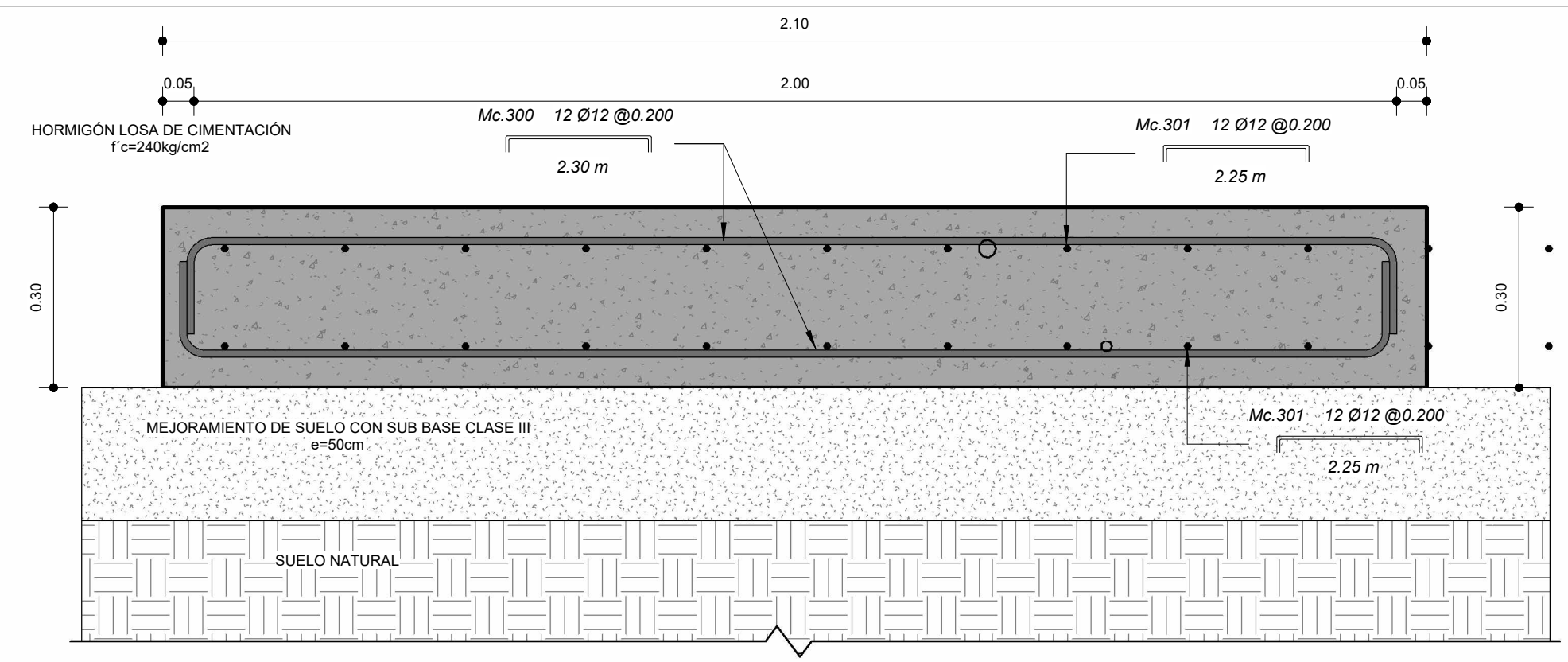
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SITUBICACIÓN: SECTOR PLAZA SANTO DOMINGO  
LÁMINA: E06  
PREDD: 131489  
CLAVE CATASTRAL: 30101 04 001 000 000 000



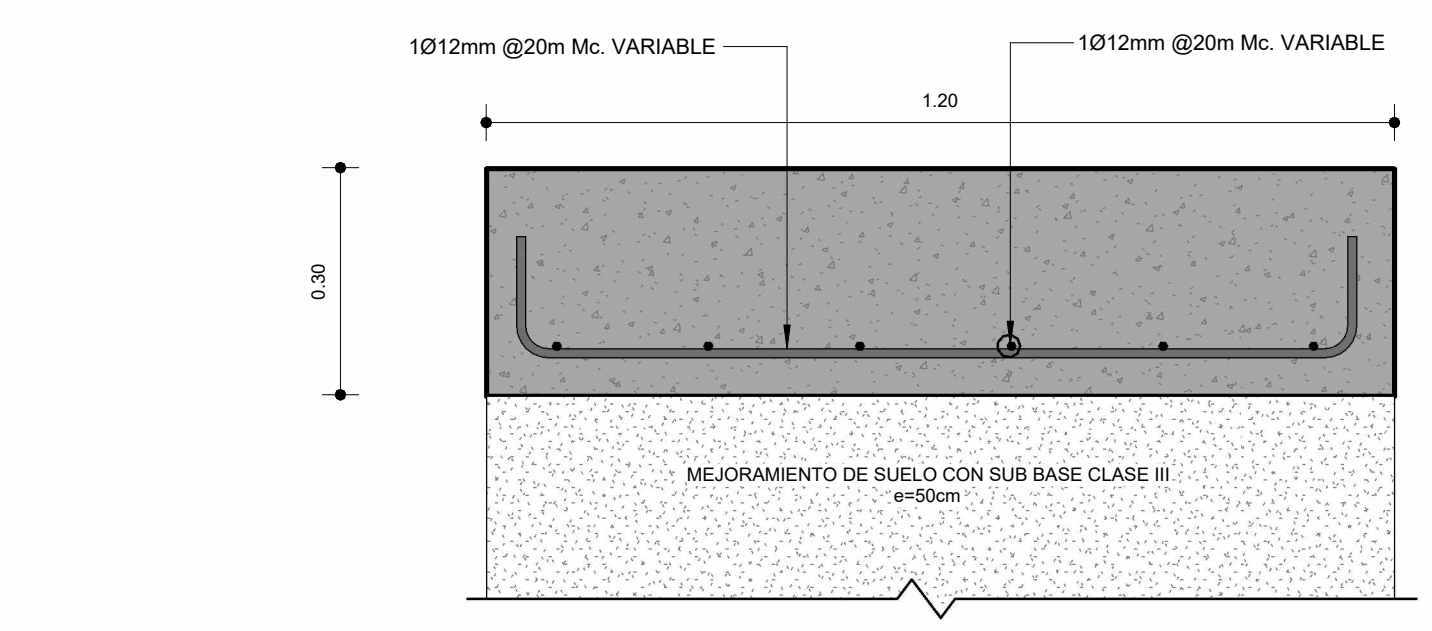
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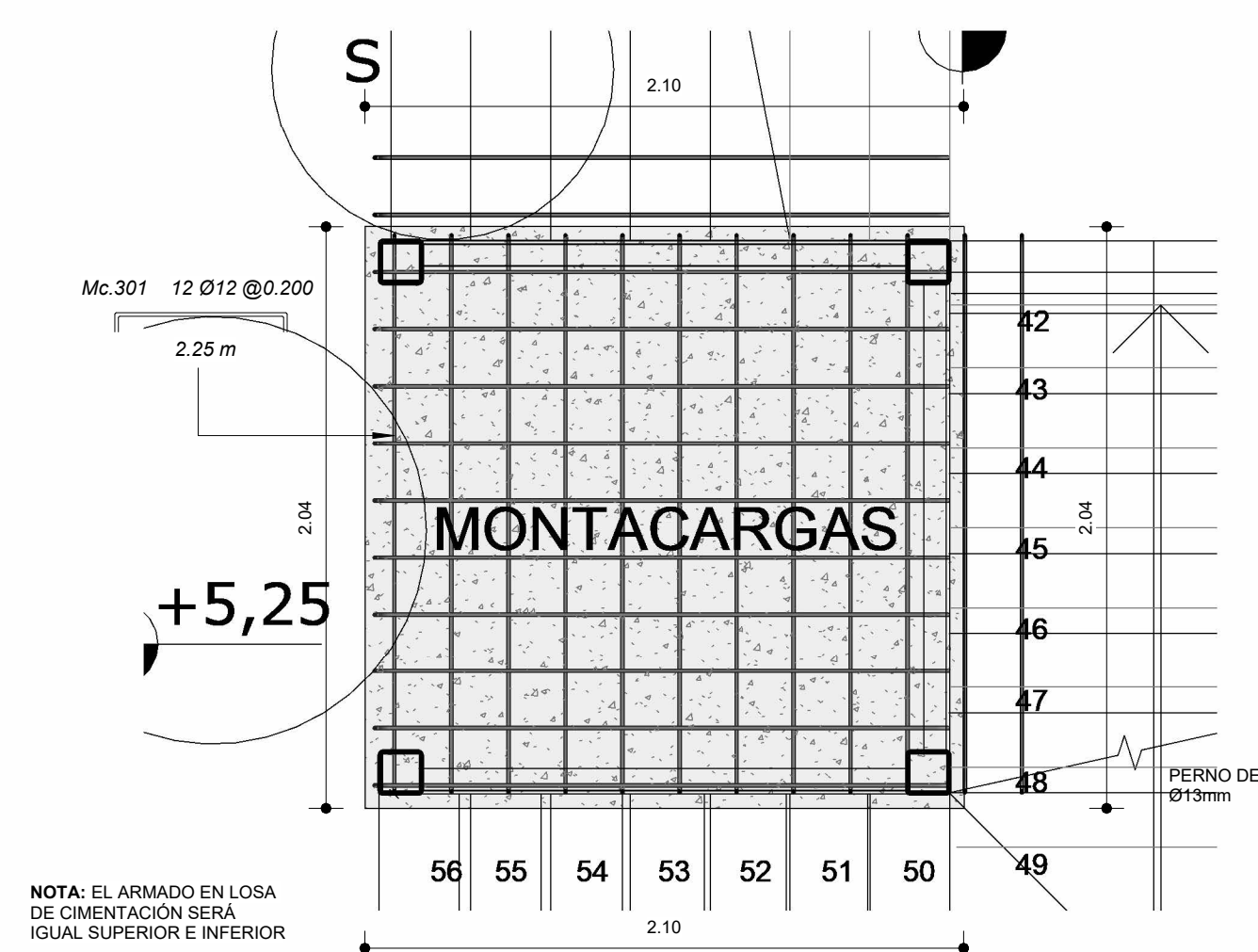
**6** CORTE-FOSA ELEVADOR  
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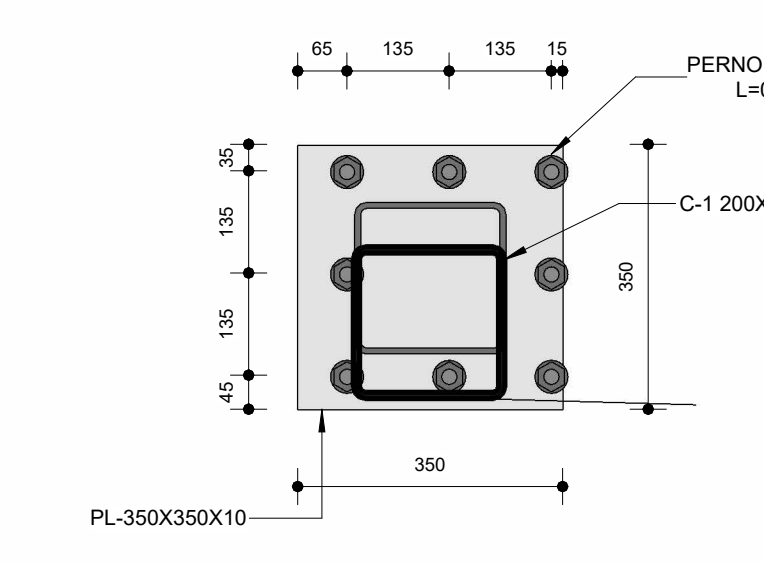
**2** ARMADO TÍPICO LOSA DE CIMENTACIÓN  
1 : 10



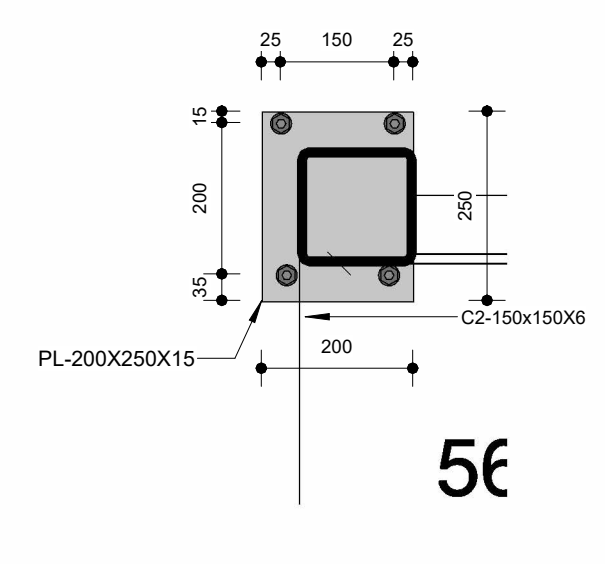
**3** ARMADO TÍPICO DE PLINTO  
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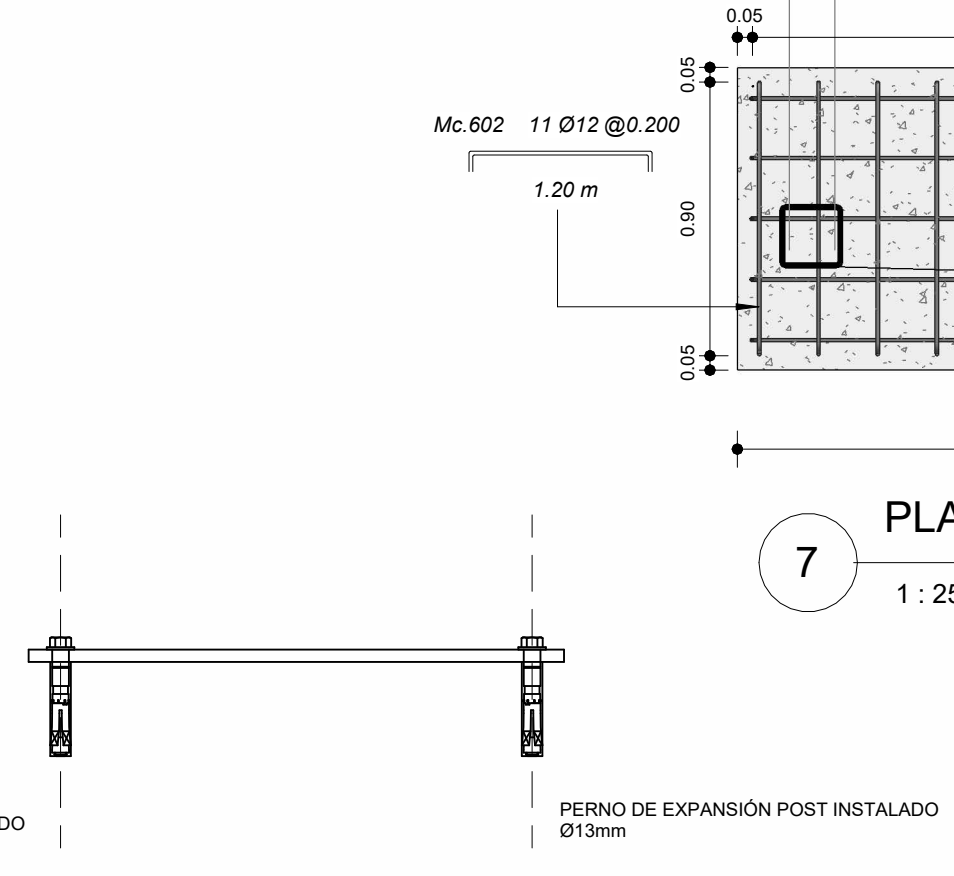
**11** PLANTA LOSA DE CIMENTACIÓN-ASCENSOR  
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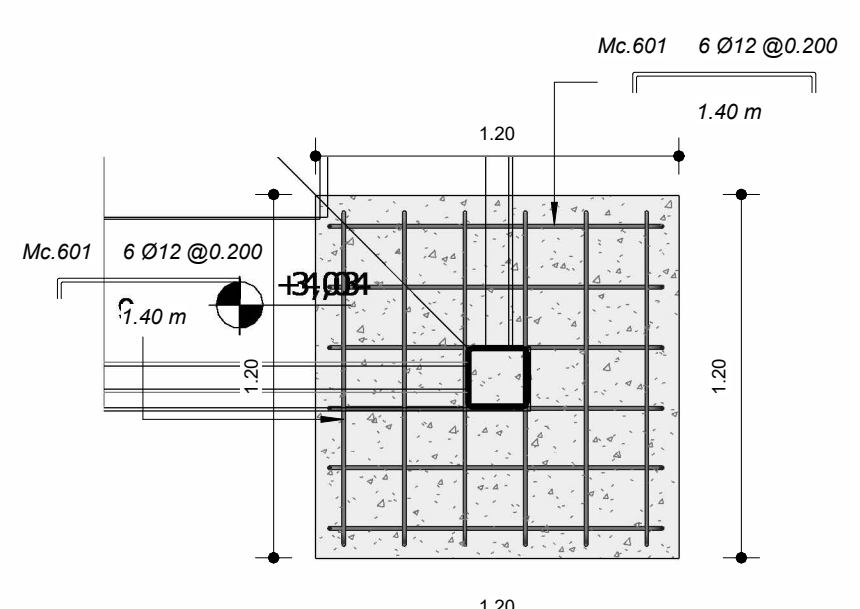
**4** PLANTA PL1  
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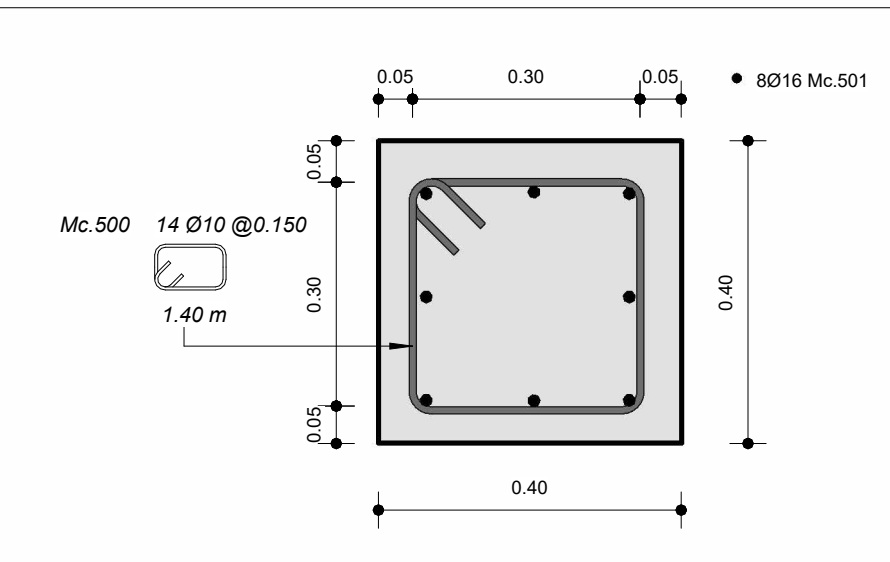
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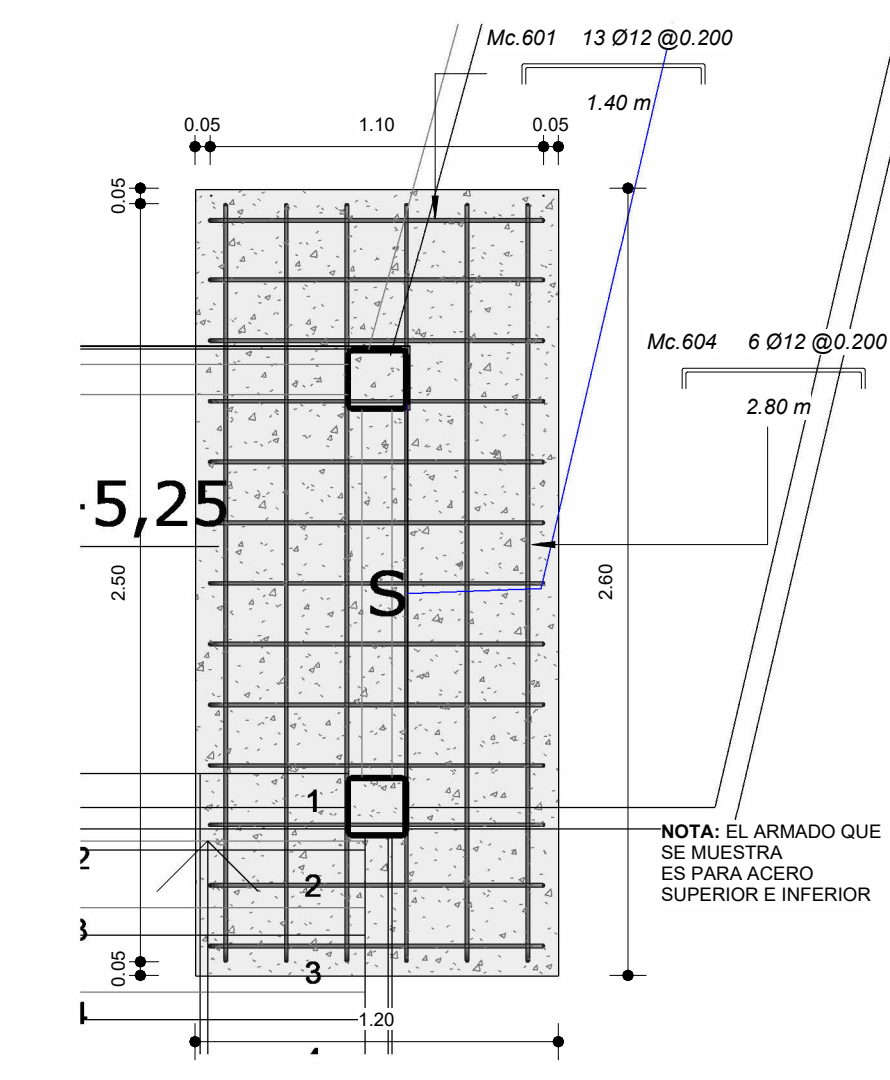
**13** PERNOS POST INSTALADOS  
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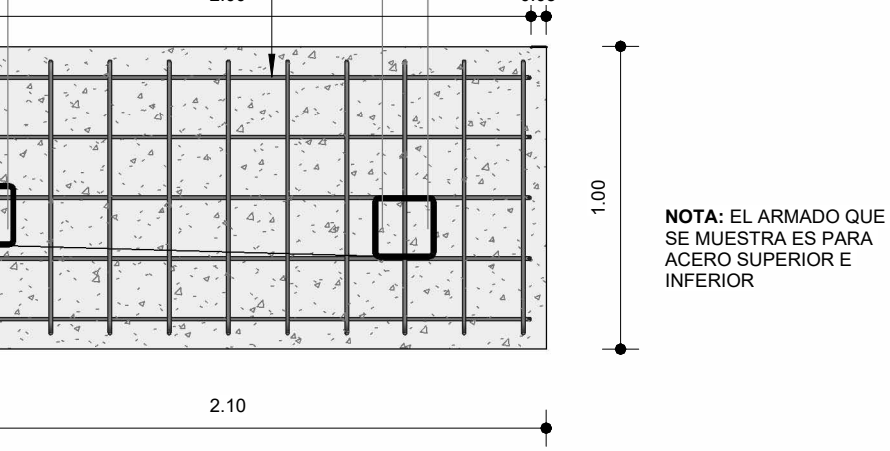
**8** PLANTA ZAPATA Z2  
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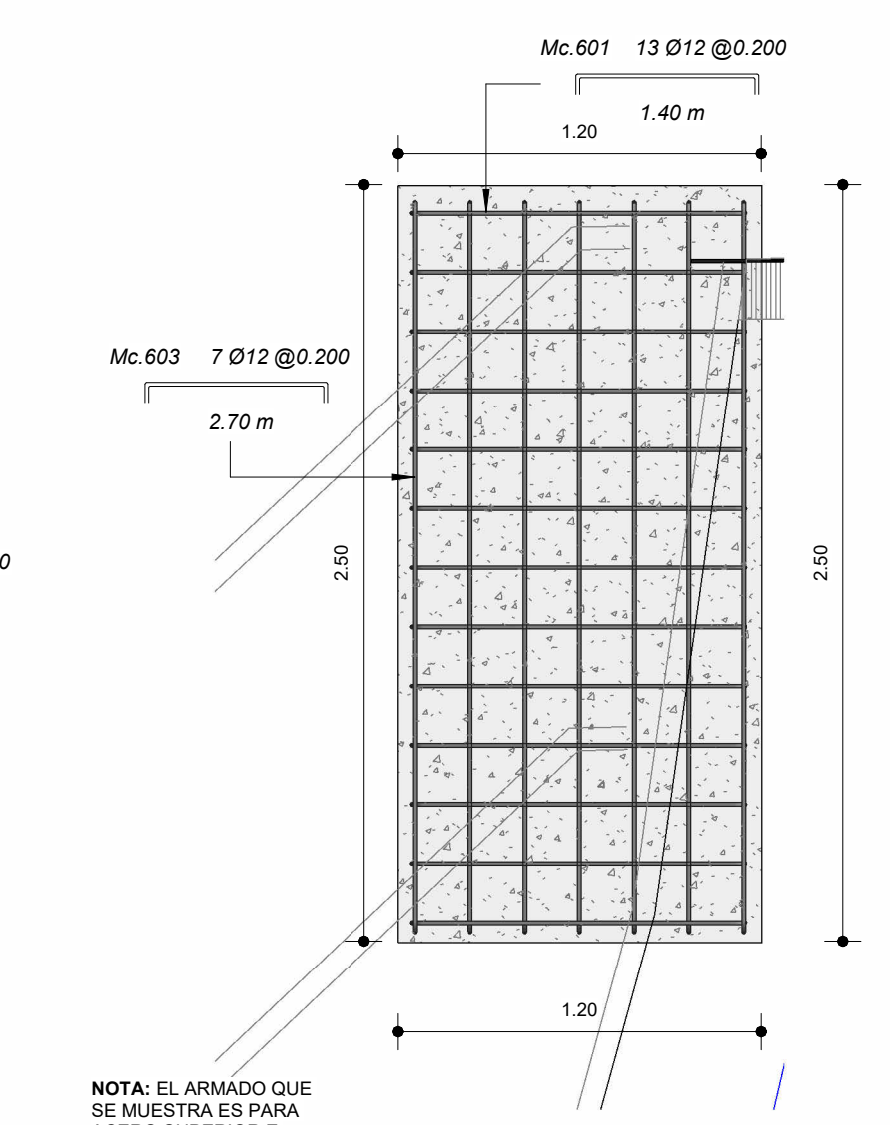
**12** PLANTA ZAPATA Z3  
1 : 10



**9** PLANTA ZAPATA Z4  
1 : 25



**7** PLANTA ZAPATA Z1  
1 : 25



**10** PLANTA ZAPATA Z5  
1 : 25

SELLOS

# Instituto Metropolitano de PATRIMONIO

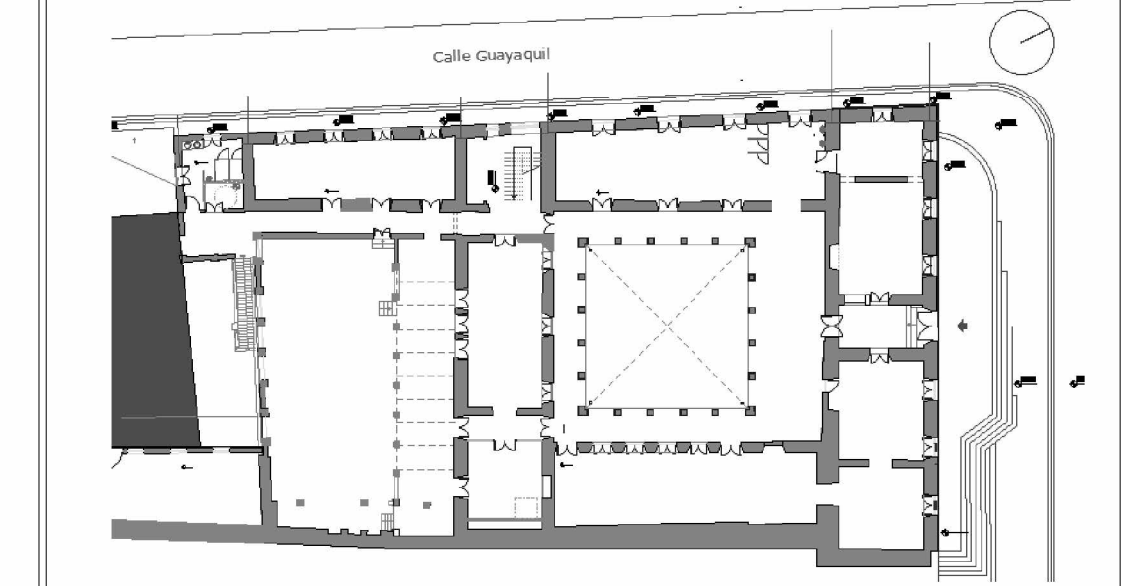
MUNICIPIO DEL DISTRITO METROPOLITANO DE QUITO  
ADMINISTRACIÓN SANTIAGO GUARDERAS

NOMBRE DEL PROYECTO  
"ESTUDIO DE ARQUITECTURA E INGENIERÍAS DEL INMUEBLE DENOMINADO CASA GARCIA MORENO -IMP"

CONTENIDO:  
PROPUESTA ESTRUCTURAL:

PLANOS MÓDULO DISTRIBUIDOR: - PLANTAS DE UBICACIÓN DE VIGAS  
- CORTE EN X  
- CORTE EN Y

PLANTA REFERENCIAL:



LOS ELEMENTOS Y COMPONENTES A CONSERVARSE SE SUJETARAN A LAS ESPECIFICACIONES DE CONSERVACION

ARQ. ANGELICA ARIAS B.  
DIRECTORA EJECUTIVA

AREA REQUERIDA:  
DIRECCIÓN DE INVESTIGACIÓN Y DISEÑO DE PROYECTOS PATRIMONIALES

FECHA:  
OCTUBRE 2022

REVISADO POR:  
ARQ. MERCEDES CÁRDENAS  
DIRECTORA DIDPP

RESPONSABLE CONSULTOR:  
ARQ. BERNARDO BUSTAMANTE P.  
P=9733 EMOP-Q 6738

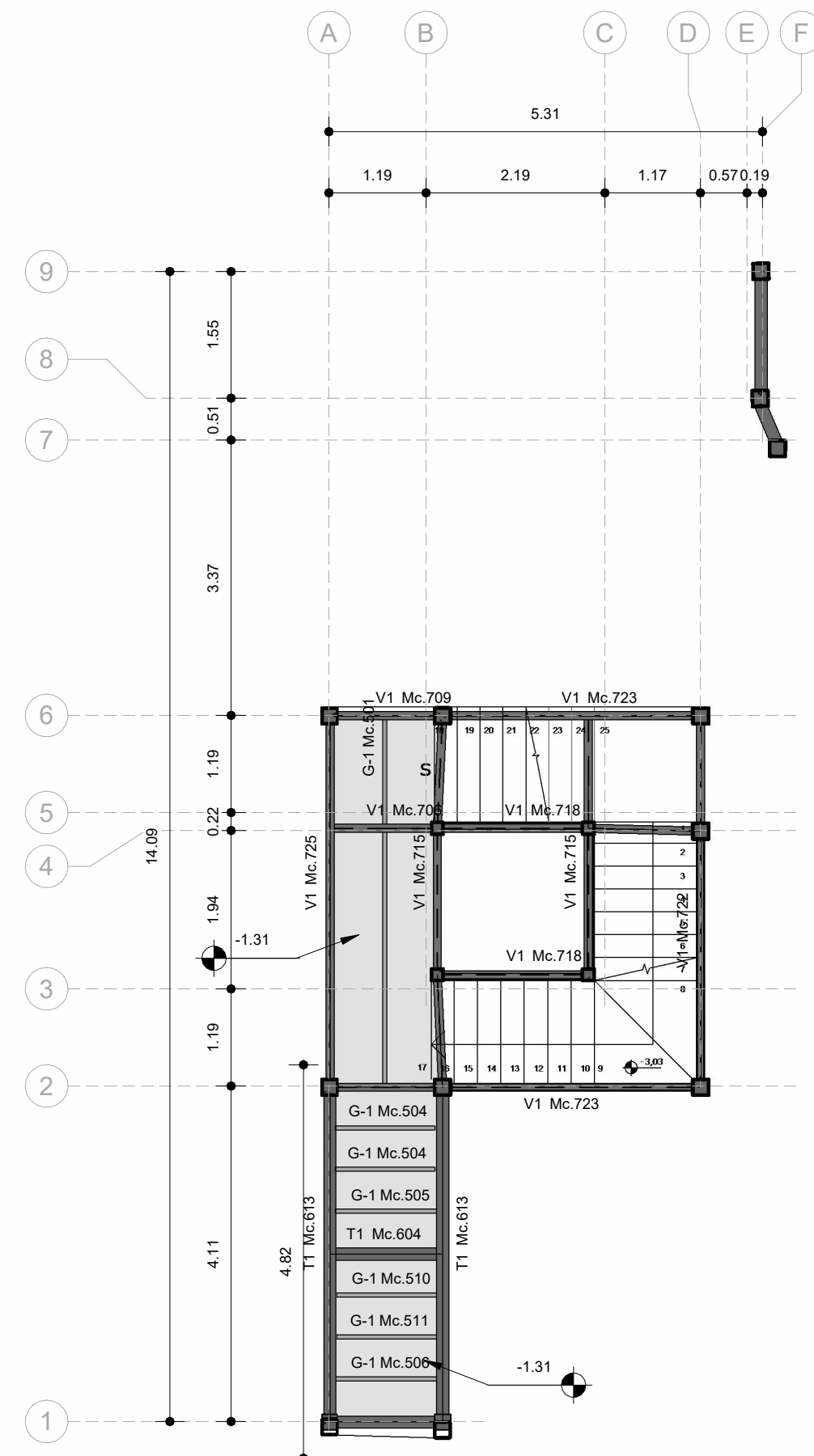
ADMINISTRADOR DEL CONTRATO:  
ARQ. ANA L. ANDINO

COLABORACION:  
ING. GALO SERRANO  
SENESECYT: 1001-14-1302666

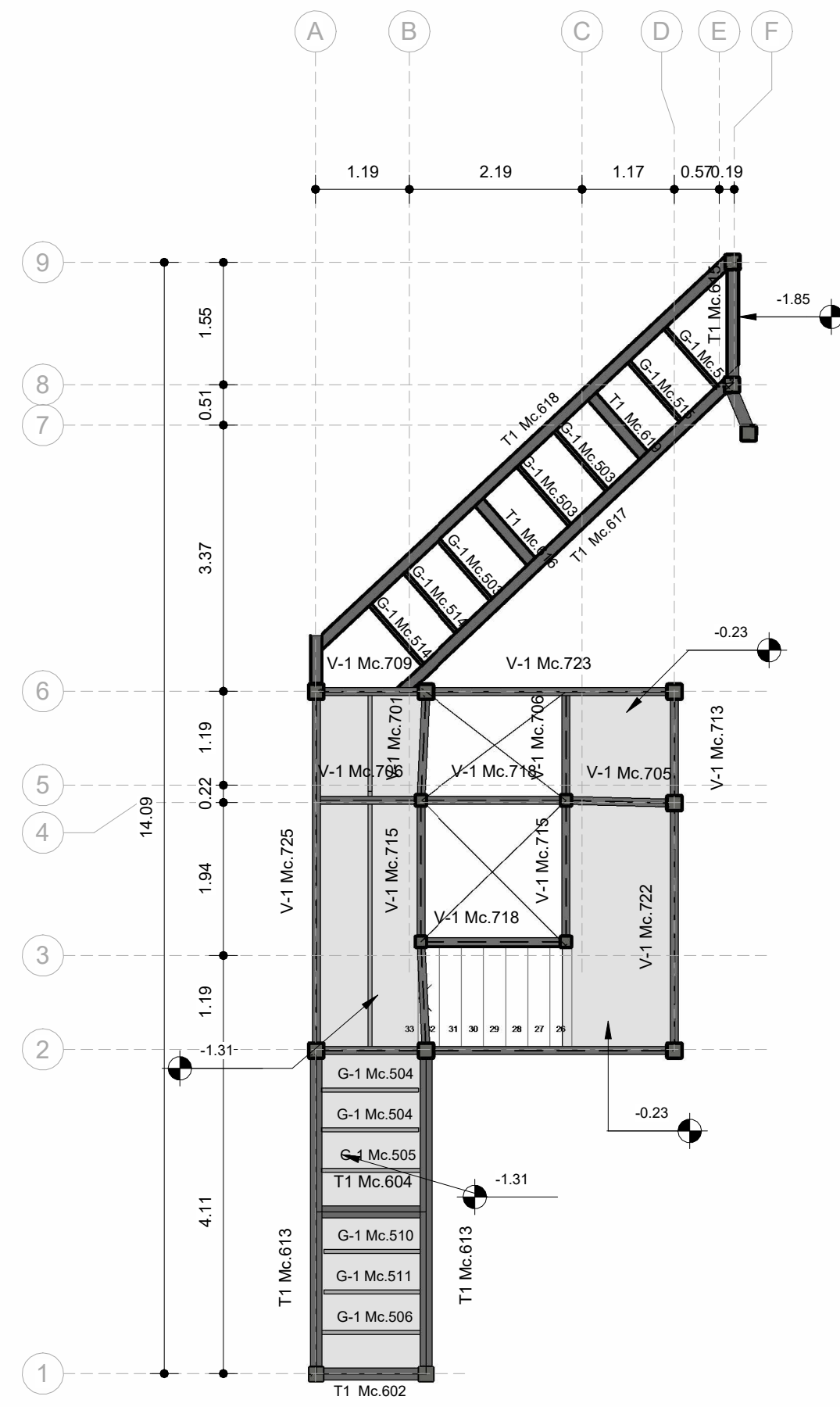
ESCALA:  
INDICADAS

UBICACION:  
SECTOR PLAZA SANTO DOMINGO  
CLAVE CATASTRAL:  
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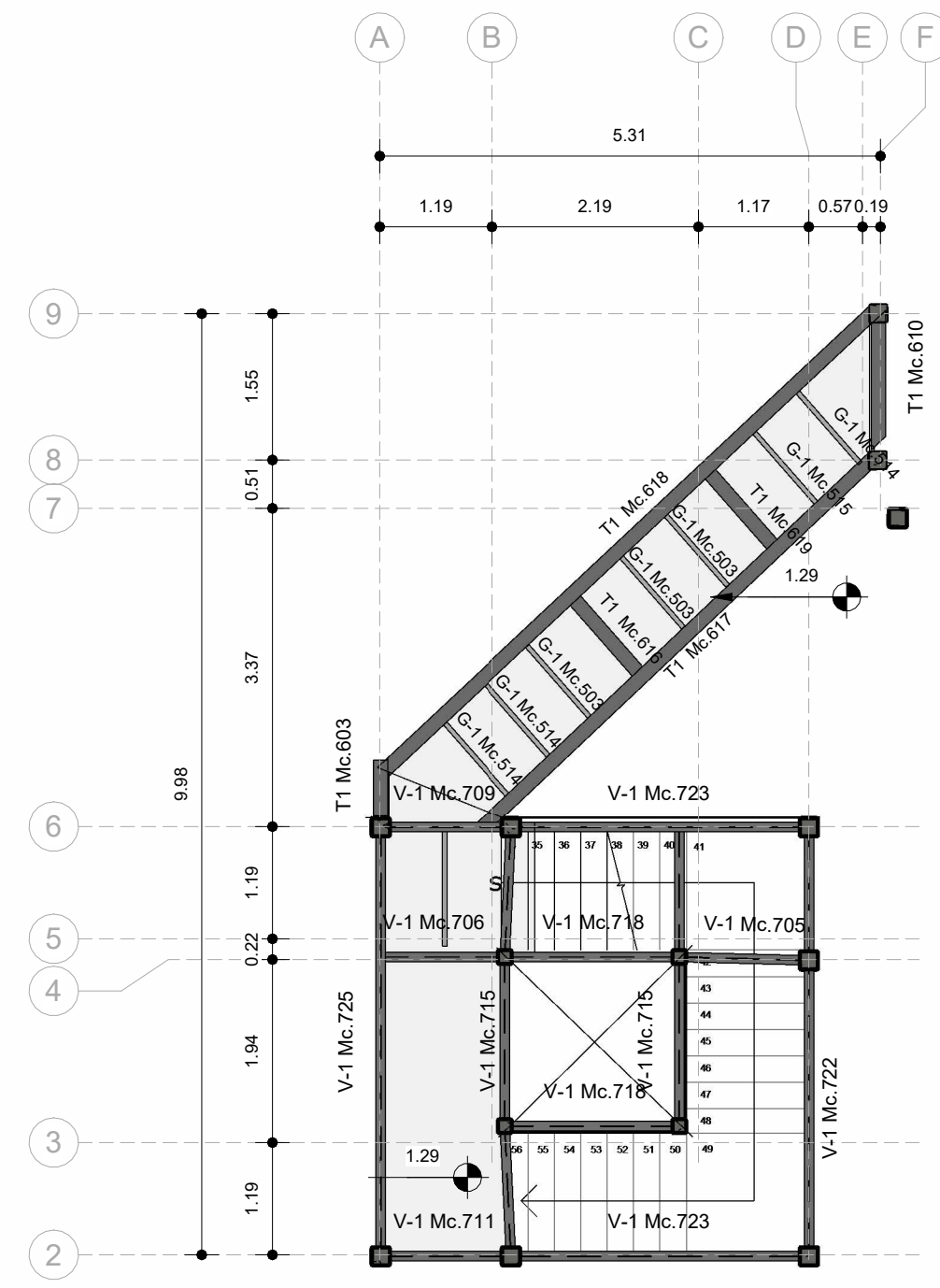
LAMINA:  
E07



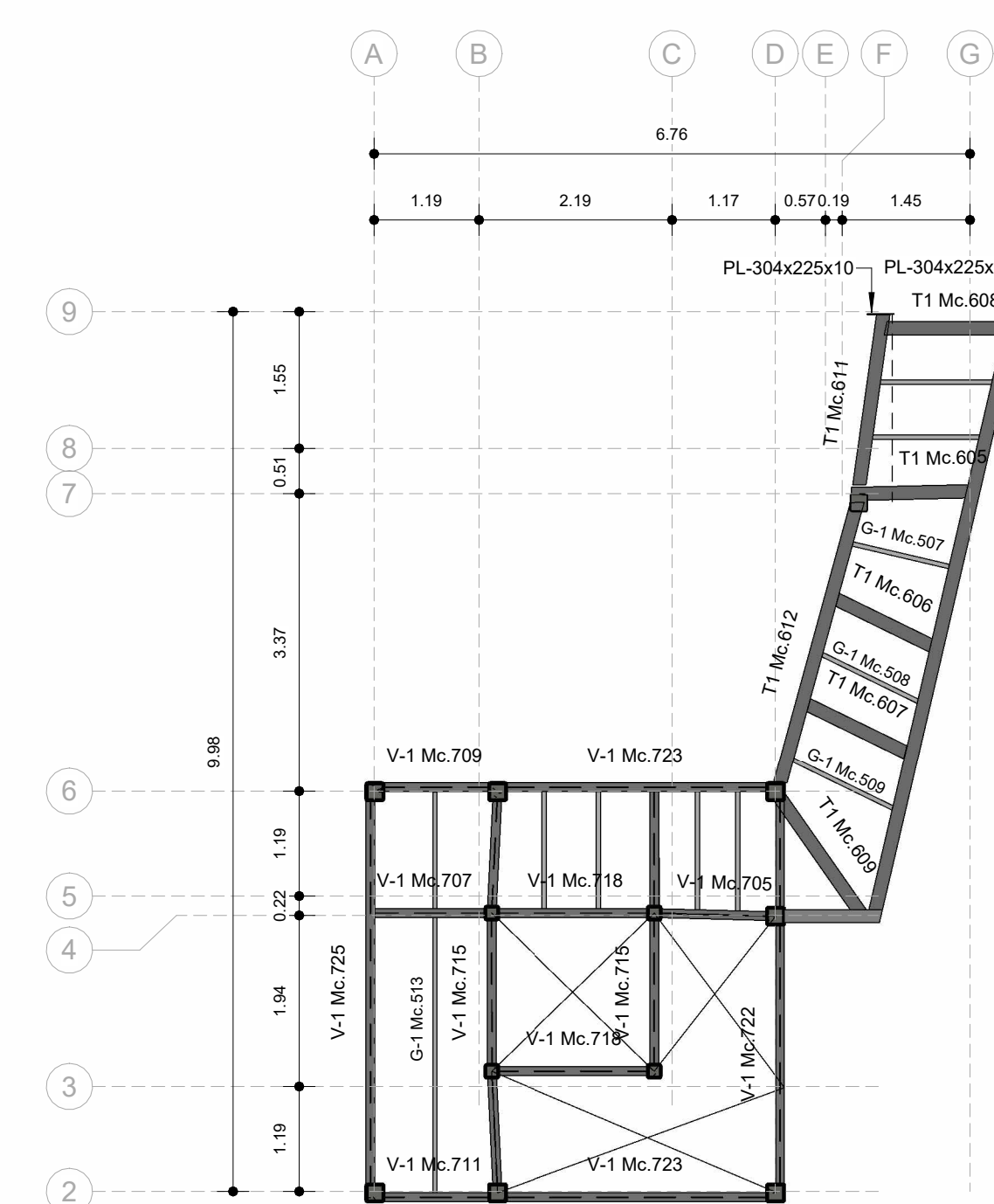
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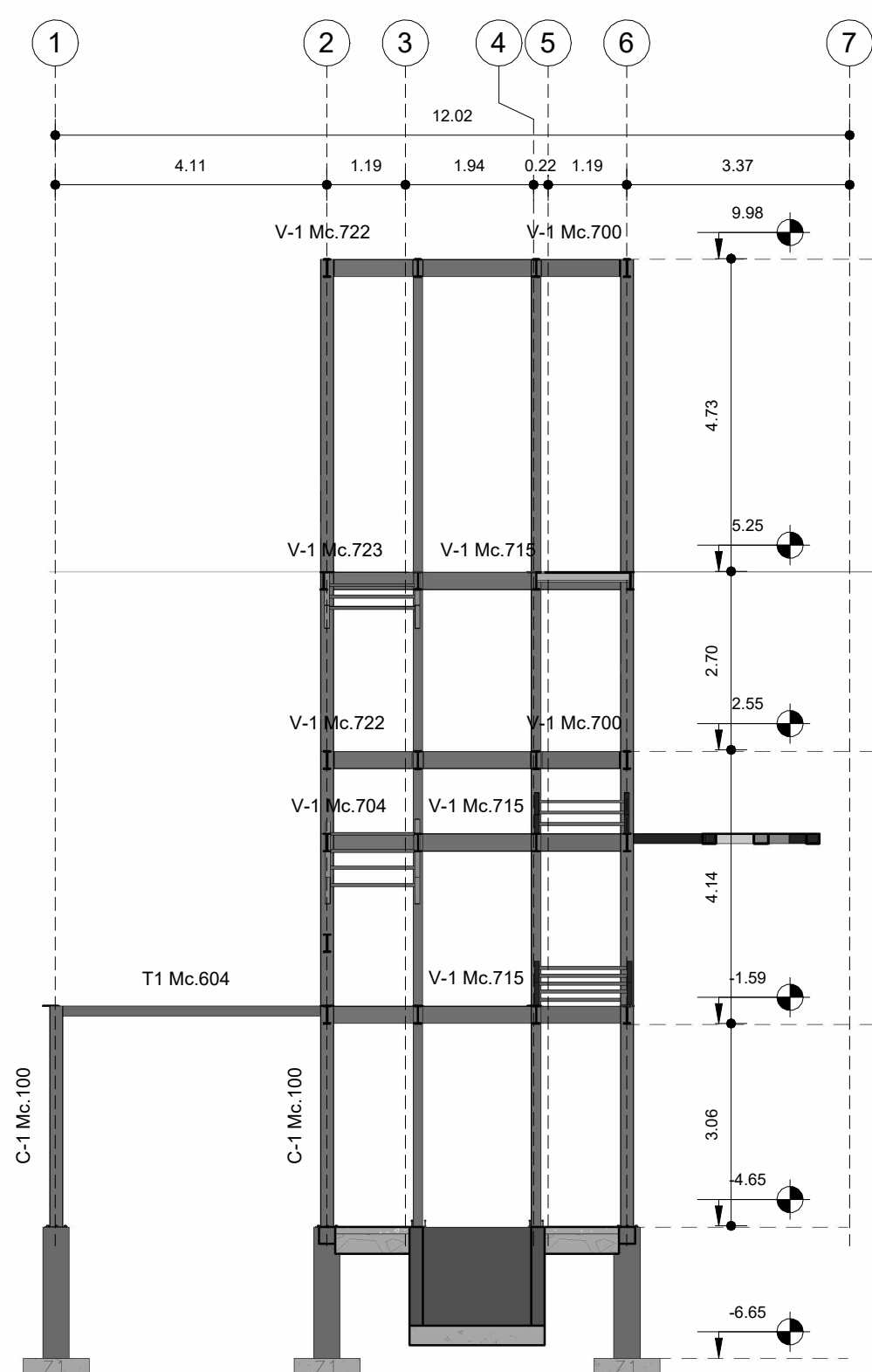
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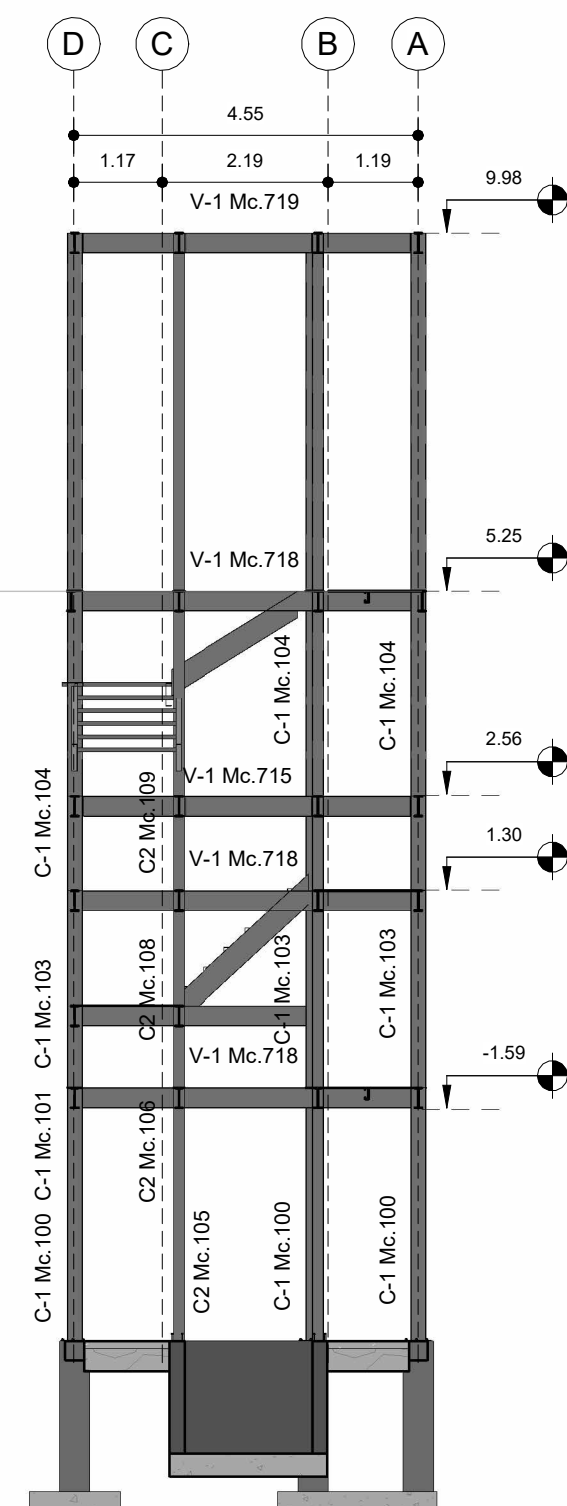
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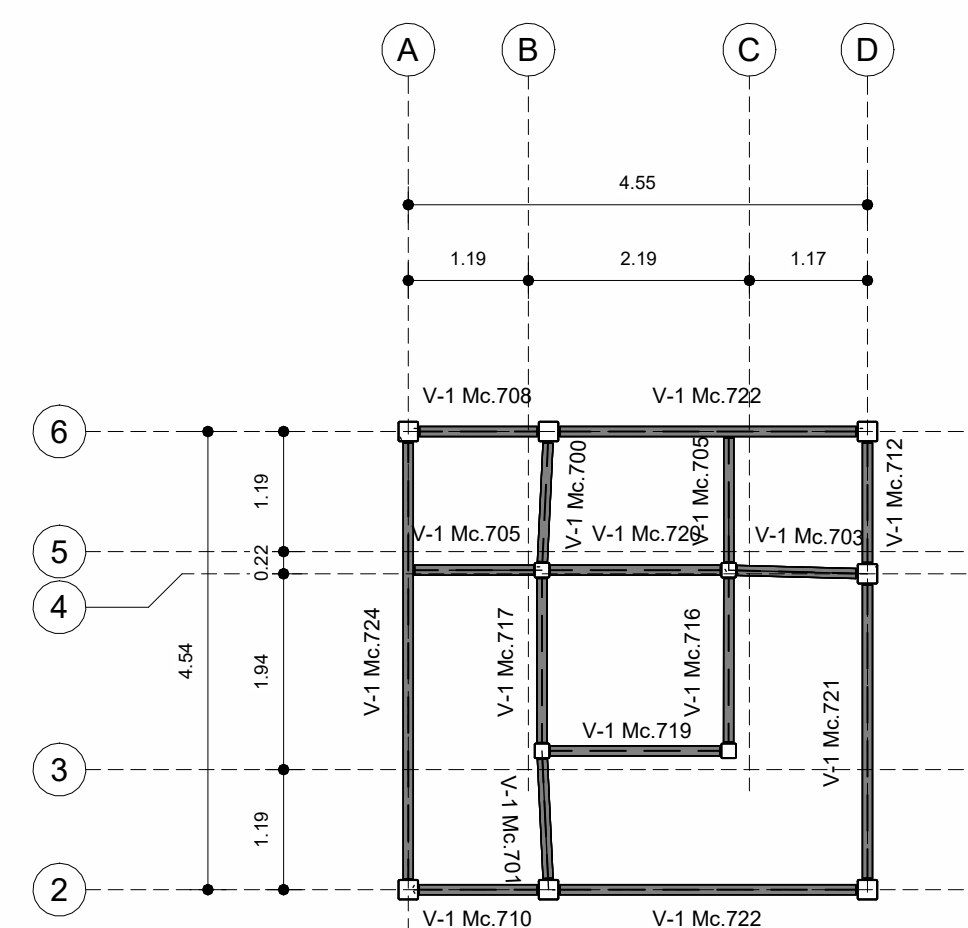
3 N+5.25  
1:75



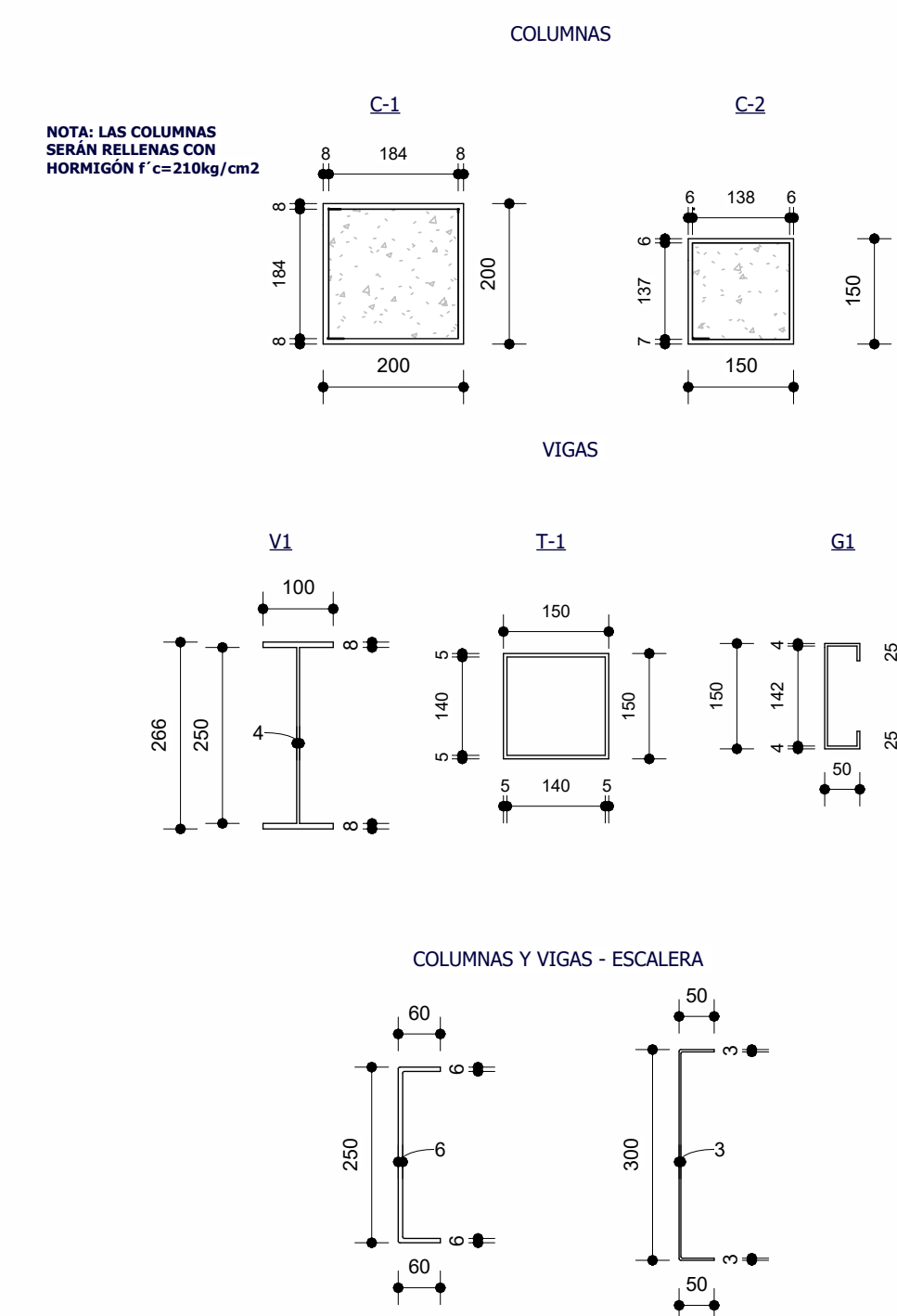
4 CORTE 4-4  
1:100



6 CORTE 6-6  
1:100



5 +9.98  
1:75



7 SECCIONES  
1:10