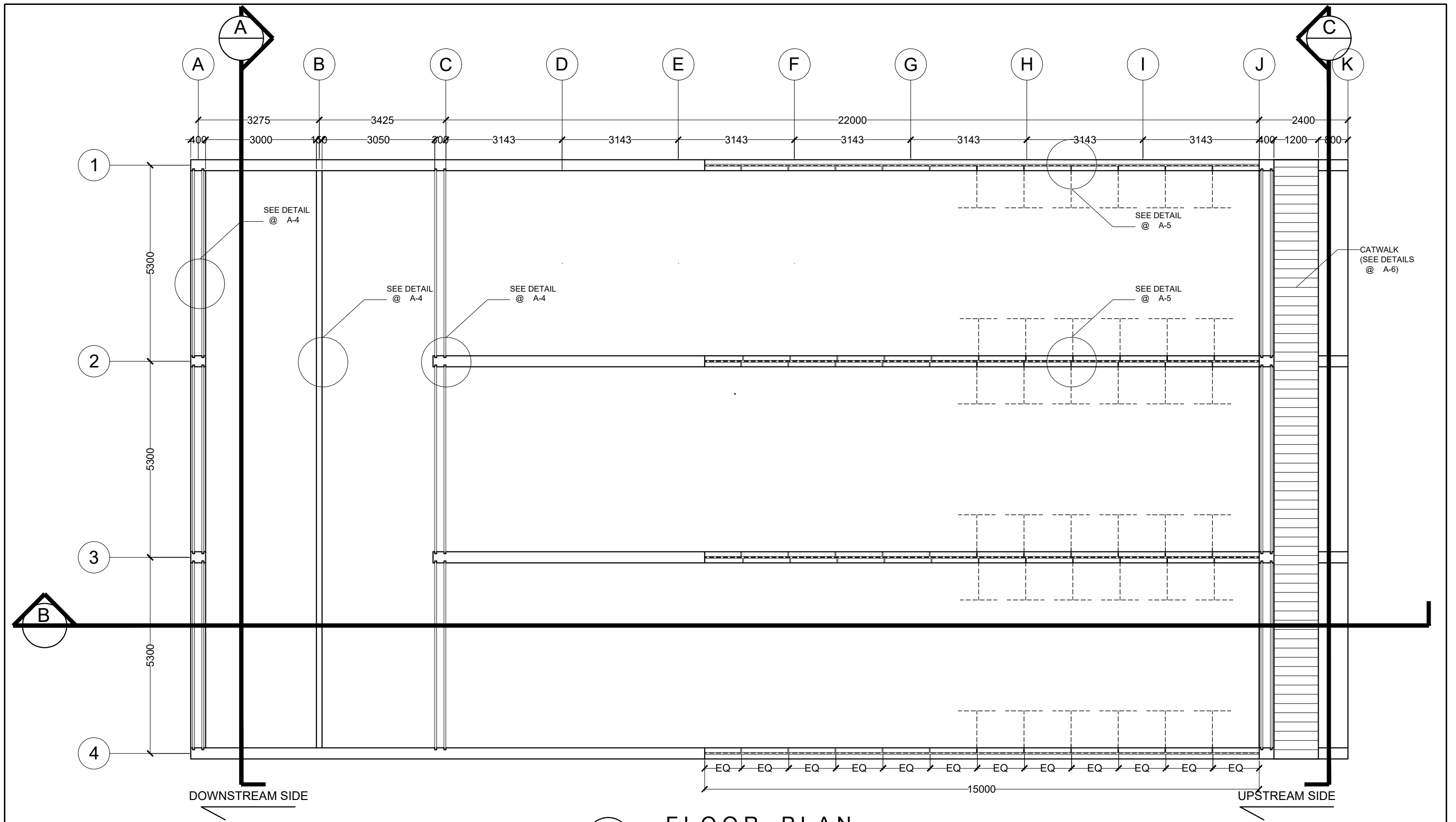


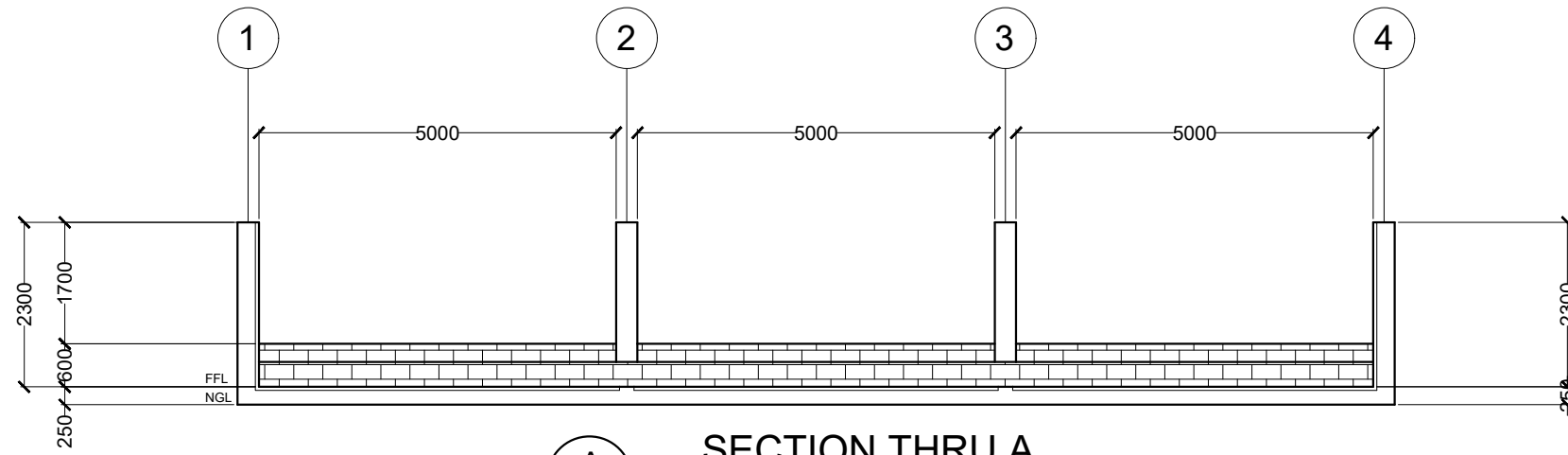
ISOMETRIC VIEW
A
1 1
N T S

PROJECT TITLE	CIVIL DESIGN CONSULTANT	SHEET CONTENTS	SHEET NO.
FIXED IPRS STANDARD v 2.0	ENGR. VENER L. ENCISO	ISOMETRIC VIEW	A-1

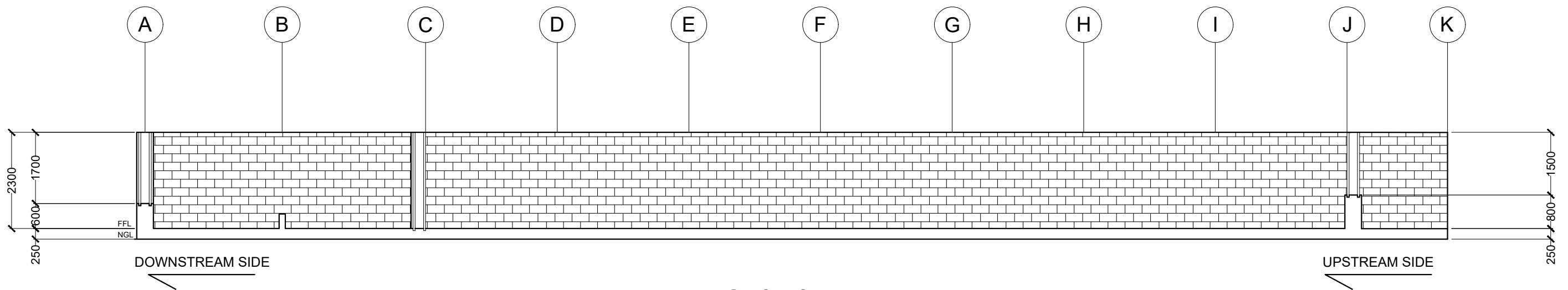


A
2 | 1
FLOOR PLAN
 SCALE 1 : 100M

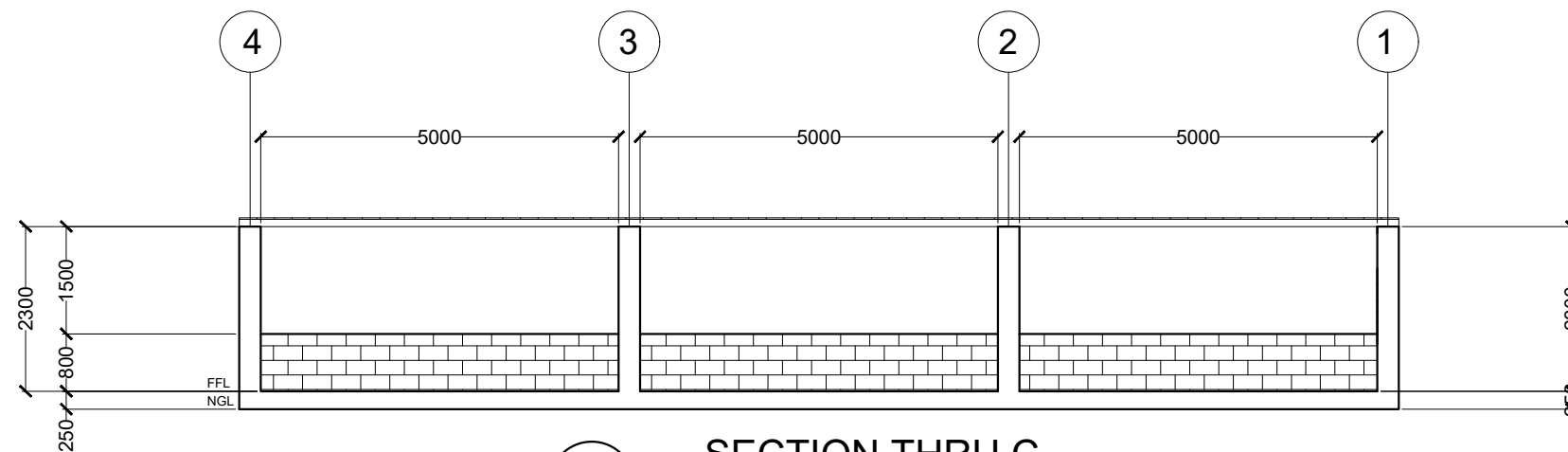
PROJECT TITLE	CIVIL DESIGN CONSULTANT	SHEET CONTENTS	SHEET NO.
FIXED IPRS STANDARD v 2.0	ENGR. VENER L. ENCISO	FLOOR PLAN	A-2



SECTION THRU A
SCALE 1 : 100M

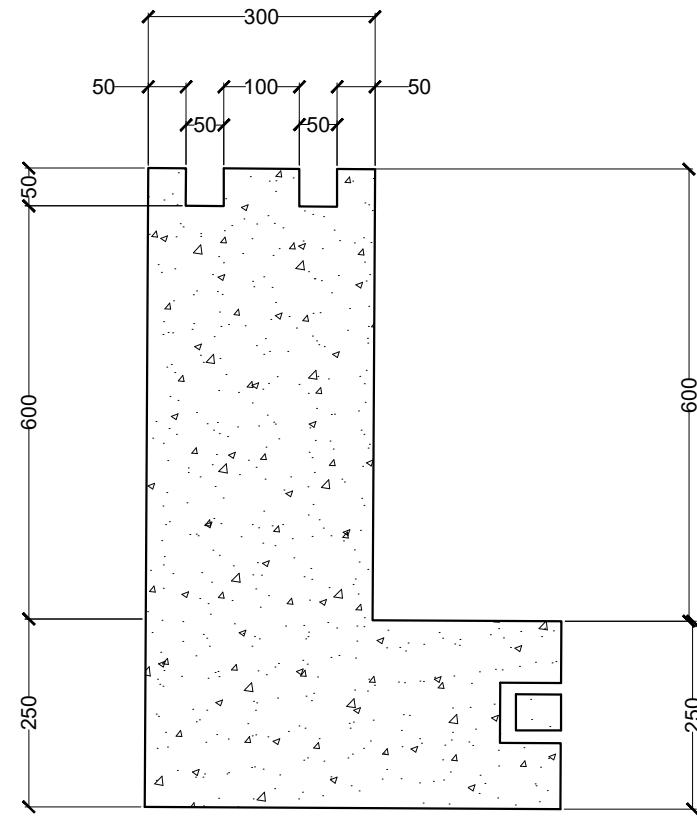


SECTION THRU B
SCALE 1 : 100M

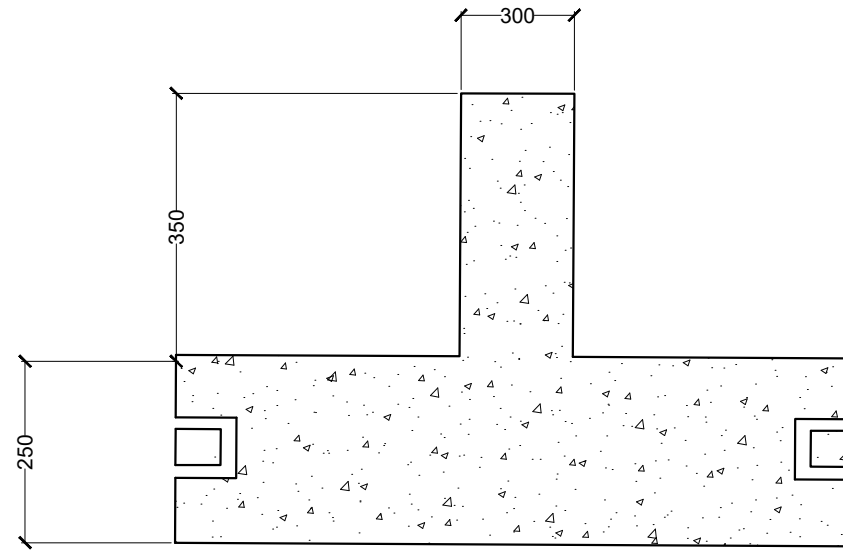


SECTION THRU C
SCALE 1 : 100M

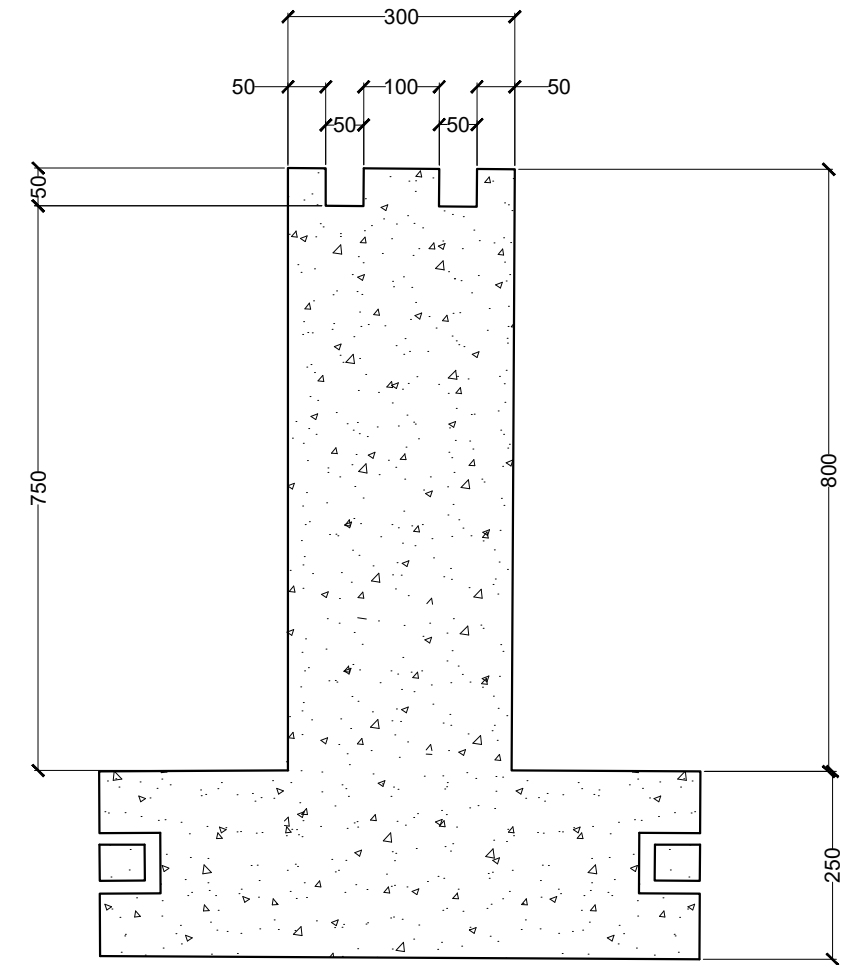
PROJECT TITLE	CIVIL DESIGN CONSULTANT	SHEET CONTENTS	SHEET NO.
FIXED IPRS STANDARD v 2.0	ENGR. VENER L. ENCISO	SECTIONS	A-3



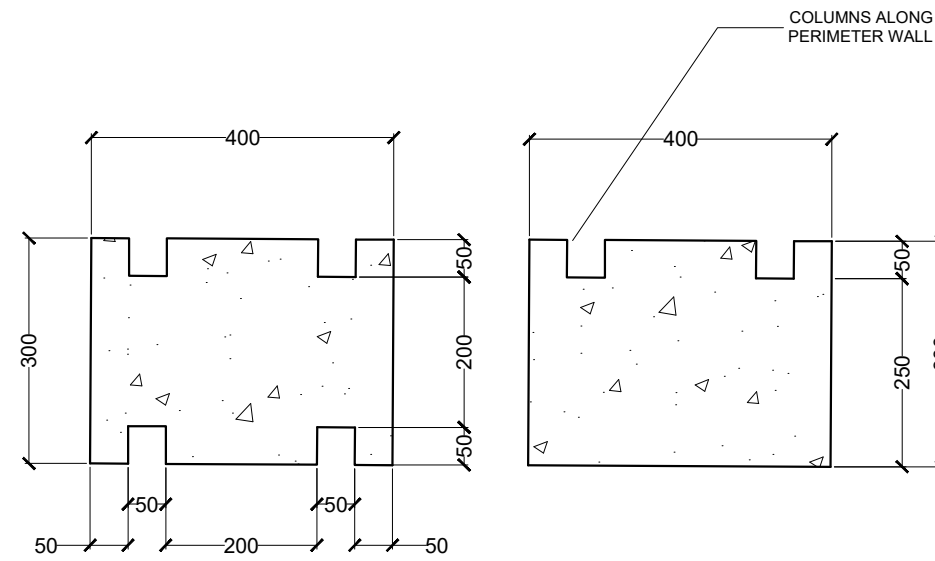
A
4 | 1
ZOCALO ALONG GRIDLINE 1, A
SCALE 1 : 25 M



A
4 | 2
ZOCALO ALONG GRIDLINE 2, B
SCALE 1 : 25 M

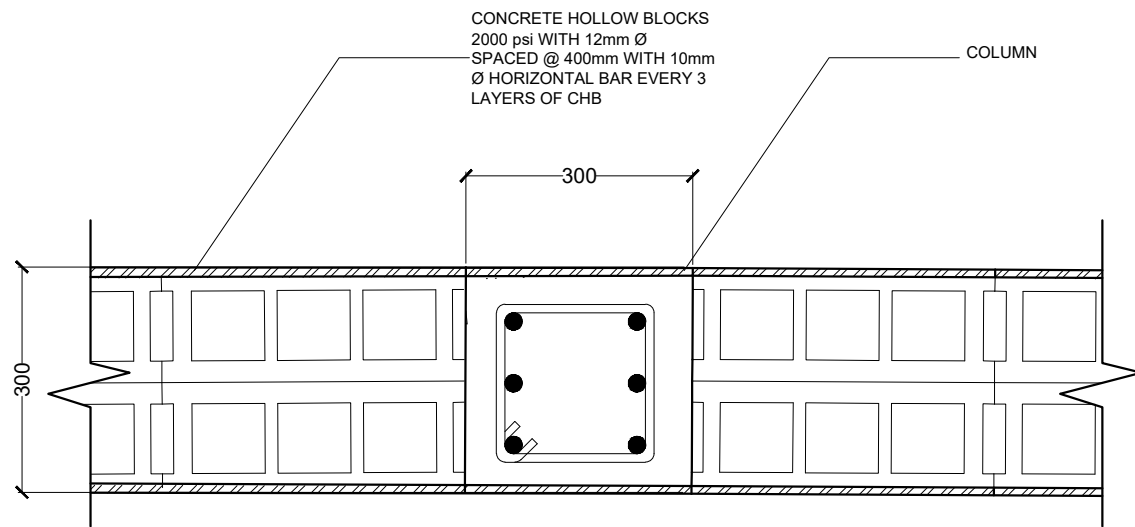


A
4 | 3
ZOCALO ALONG GRIDLINE 1, J
SCALE 1 : 25 M



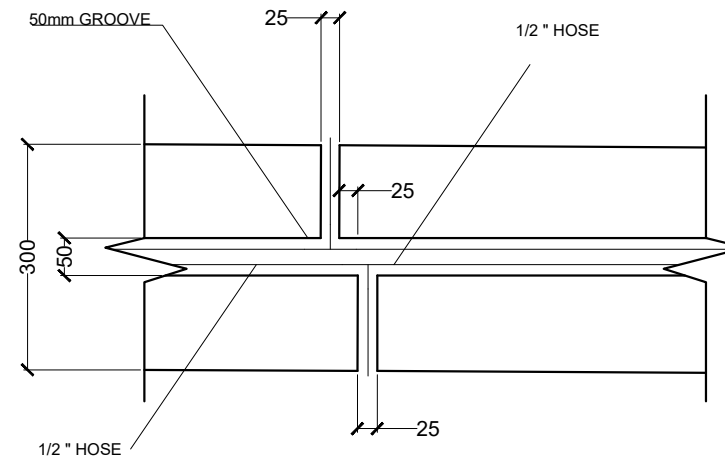
A
4 | 4
TYPICAL COLUMN GROOVE DETAIL
SCALE 1 : 25 M

PROJECT TITLE	CIVIL DESIGN CONSULTANT	SHEET CONTENTS	SHEET NO.
FIXED IPRS STANDARD v 2.0	ENGR. VENER L. ENCISO	ARCHITECTURAL DETAILS	A-4



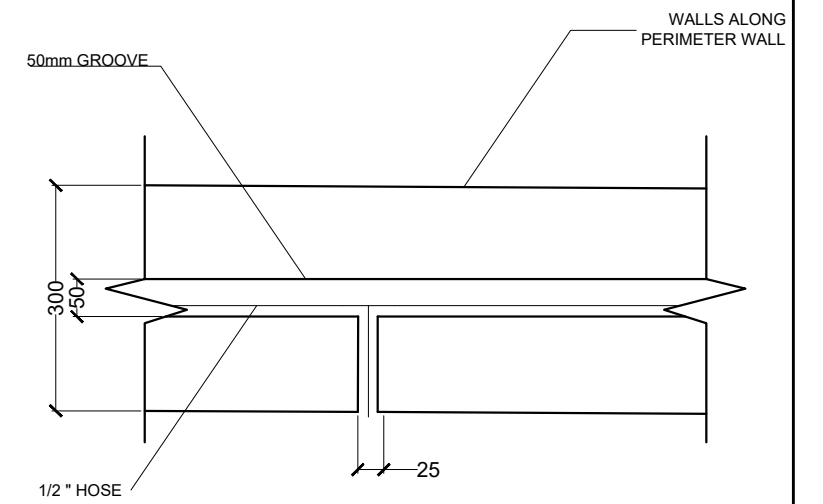
A
5 | 1

WALL DETAIL
SCALE 1 : 25 M

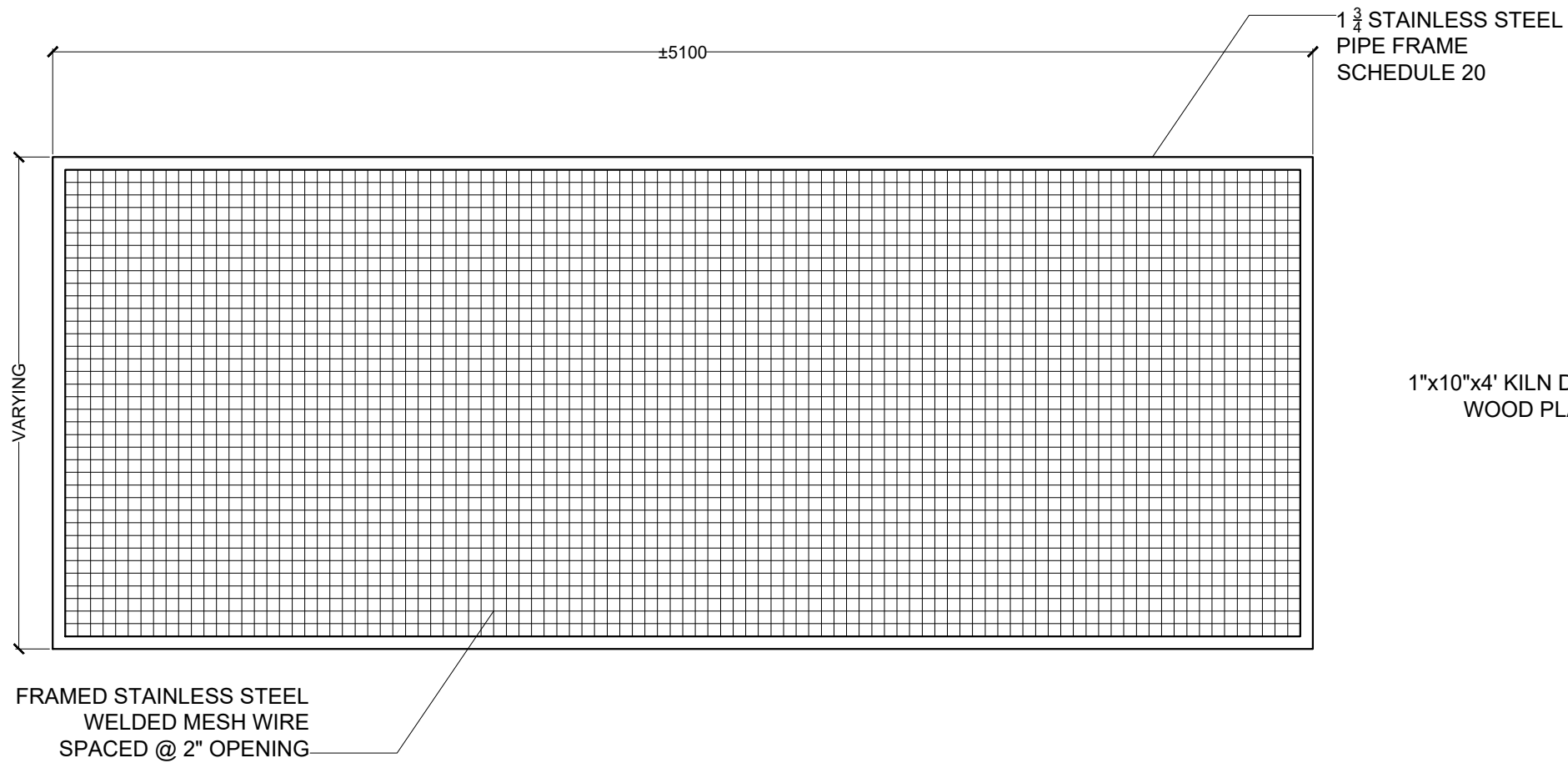


A
5 | 2

HOSE GROOVE DETAIL
SCALE 1 : 25 M



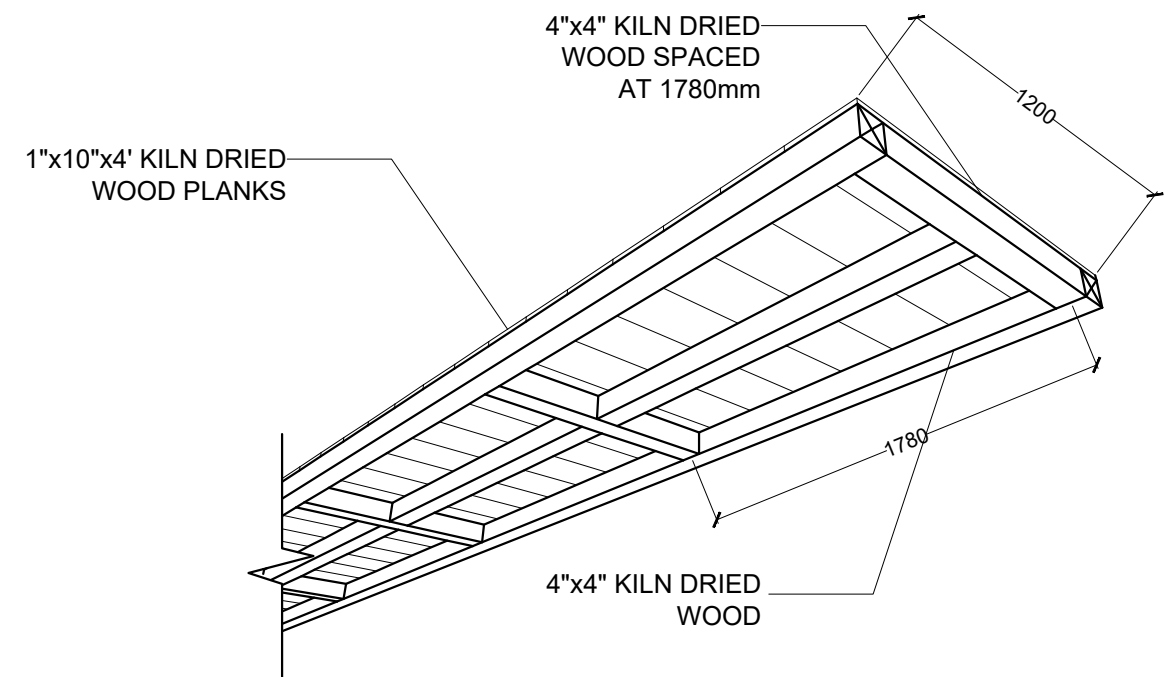
PROJECT TITLE	CIVIL DESIGN CONSULTANT	SHEET CONTENTS	SHEET NO.
FIXED IPRS STANDARD v 2.0	ENGR. VENER L. ENCISO	ARCHITECTURAL DETAILS	A-5



Ⓐ
6 | 1

STAINLESS FRAMED WELDED MESH

N T S



Ⓐ
6 | 2

CATWALK DETAIL

N T S

PROJECT TITLE	CIVIL DESIGN CONSULTANT	SHEET CONTENTS	SHEET NO.
FIXED IPRS STANDARD v 2.0	ENGR. VENER L. ENCISO	ARCHITECTURAL DETAILS	A-6

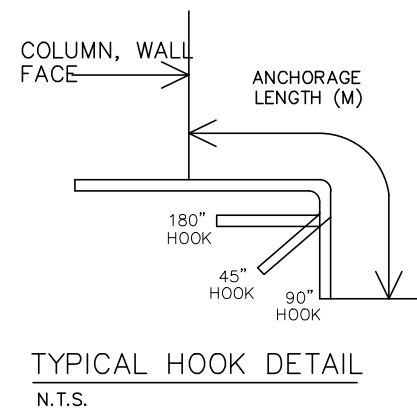
REINFORCING STEEL BAR NOTES

LAP SPLICE & ANCHORAGE LENGTH TABLE

BAR DIAMETER IN (MM)	ANCHORAGE LENGTH (M)	STANDARD HOOK IN METER (M)			LAP SPLICE (M)				UNIT WEIGHT (KG/M)	MIN. LAP SPLICE LENGTH OF COL. REINF. INDIVIDUAL BARS	
		45"	90"	180"	TENSION BAR		COMP. BARS			W/ TIES	W/ SPIRAL
					TOP BAR	OTHERS	TOP BAR	OTHERS			
10	0.50	0.10	0.15	0.13	0.42	0.30	0.42	0.30	0.617	0.30	0.30
12	0.50	0.12	0.20	0.15	0.42	0.30	0.42	0.30	0.889	0.30	0.30
16	0.60	0.14	0.25	0.18	0.73	0.52	0.87	0.62	1.580	0.52	0.47
20	0.60	0.20	0.30	0.20	0.91	0.65	1.10	0.78	2.469	0.65	0.58
25	0.68	0.26	0.40	0.28	1.15	0.82	1.40	1.00	3.858	0.80	0.73
28	0.86	-	0.48	0.38	1.45	1.03	1.53	1.09	4.840	0.90	0.82
32	1.12	-	0.56	0.43	1.90	1.35	1.74	1.24	6.327	1.03	0.93
36	1.43	-	0.61	0.48	2.40	1.70	2.00	1.40	8.00	1.20	1.05

NOTES :

- ACI SECTION 12.4 STATES THAT DEVELOPMENT LENGTH OF INDIVIDUAL BARS WITH IN A BUNDLE, IN TENSION OR COMPRESSION SHALL BE THAT FOR THE INDIVIDUAL BARS, INCREASED 20% FOR THREE BAR BUNDLE, AND 33% FOR FOUR BAR BUNDLE.
- FOR COLUMNS, AT ANY LEVEL NO MORE THAN ALTERNATE BARS SHOULD BE SPLICED, NOT MORE THAN 33% OF THE BARS SHALL BE SPLICED W/IN THE REQUIRED LAP, MINIMUM DISTANCE BETWEEN TWO ADJACENT BAR SHALL BE 600 MM LONG.
- TOP BARS ARE HORIZONTAL BARS W/ MORE THAN 300 MM DEPTH OF CONCRETE CAST BELOW THE THE REINFORCEMENT.
- AS MUCH AS POSSIBLE, SPLICED SUBJECT TO TENSILE STRESSES ARE DISCOURAGE, THESE SHOULD BE AVOIDED OR PROVIDED WITH STANDARD HOOK



NOTES ON BACKFILL & COMPACTION

- WHERE LOOSE / SOFT MATERIALS ENCOUNTERED AT DEPT OF FOOTING / FOUNDATION INDICATED. EXCAVATE TO FIRM LAYER AND REPLACE LOOSE /SOFT MATERIALS UNDERNEATH THE FOOTING WITHIN THE FOOTING AREA PLUS 1/2 DEPT OF SOIL MATERIAL ON ALL SIDES WITH SELECTED BACKFILL. COMPACT SELECTED BACKFILL 95 % MAXIMUM DRY DENSITY (ASTM D1557).
- ALL COLUMN FOOTING SHALL REST ON 75 MM TKO. COM-PACTED GRAVEL BASE COURSE. UNLESS OTHERWISE STATED
- FILL / BACKFILL SHALL BE PLACE IN 200 MM LAYERS AND EACH LAYER SHALL BE COMPACTED TO 95 % MAXIMUM DRY DRY DENSITY BEFORE SUBSEQUENT LAYERS ARE TO BE LAID.

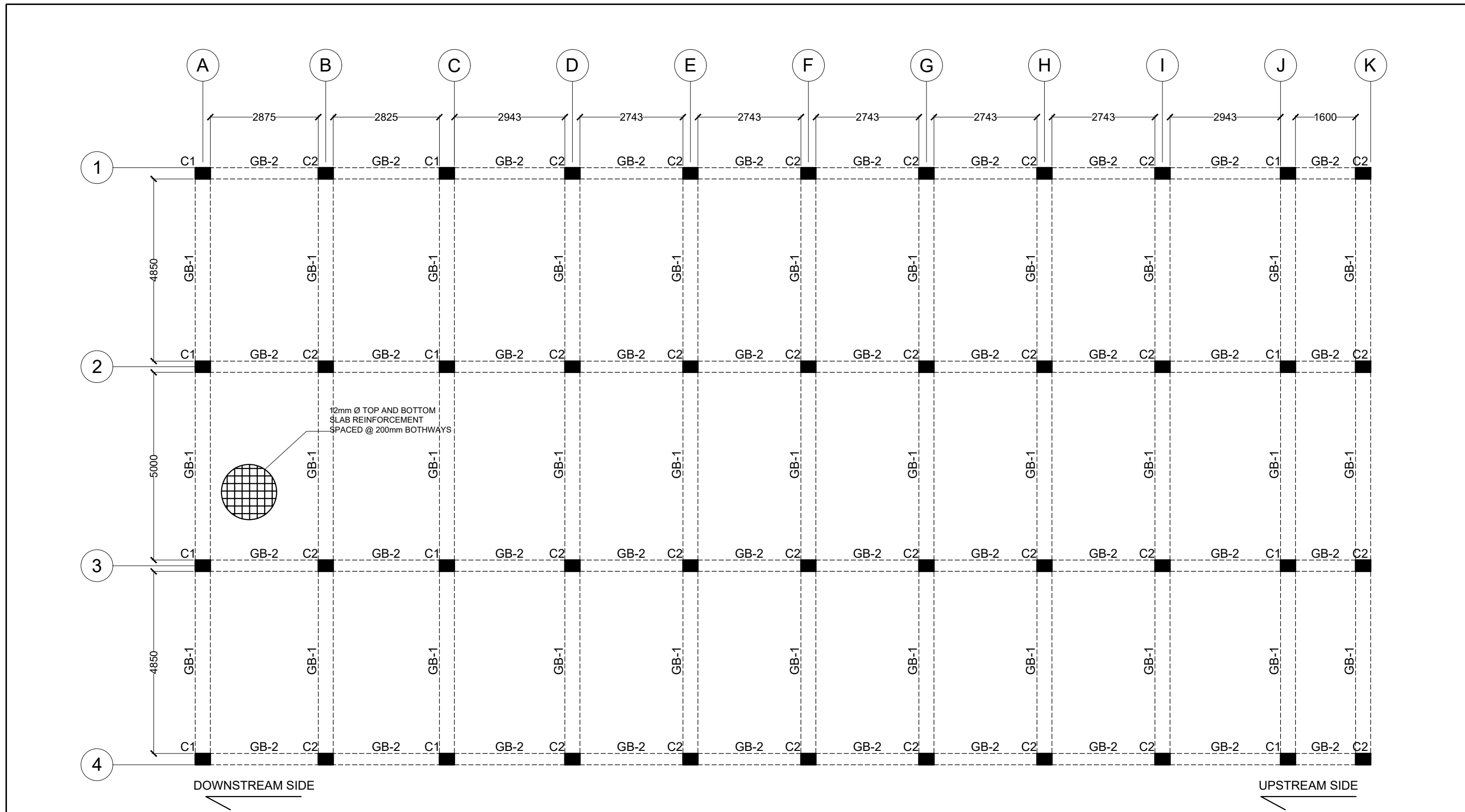
LEGEND

- GB1 - GRADEBEAM 1
- C-1 - COLUMN 1
- CHB - CONCRETE HOLLOW BLOCKS
- NGL/FGL - NATURAL GRADE LINE/ FINISH GRADE LINE

NOTES ON CONCRETE MASONRY UNITS (CMU)

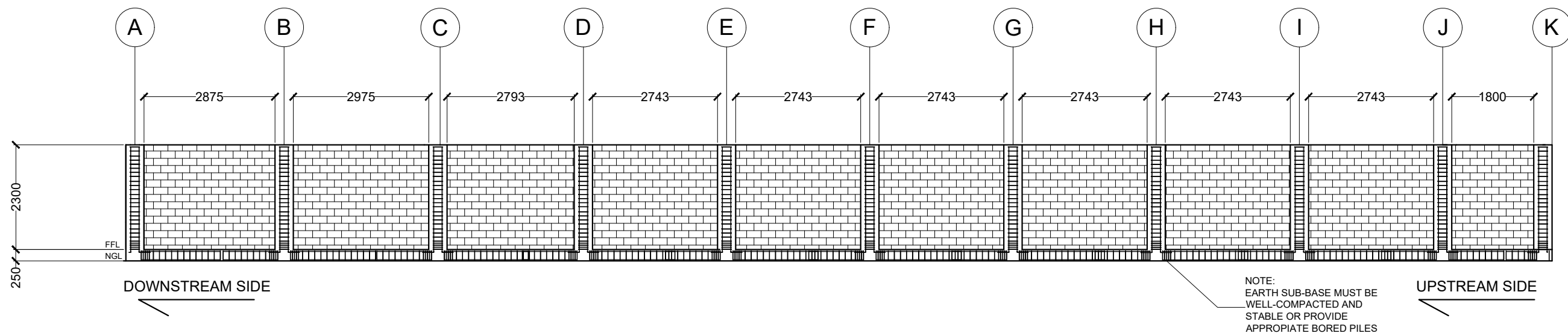
- CMU USED IN THIS WORK SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH @ 28 DAYS AS FOLLOWS :
 - FOR NON LOAD BEARING CHB WALL USED $f_c' = 350$ PSI (2.6 Mpa)
 - FOR LOAD BEARING CHB WALL USED $f_c' = 750$ PSI (5.2 Mpa)
 - USED 100 MM AND 150 MM CHB TO ALL INTERIOR AND EXTERIOR WALL RESPECTIVELY.
 - UNLESS OTHERWISE STATED ON PLAN ALL CHB WORK SHALL BE NON LOAD BEARING CAPACITY.
- ALL CELLS SHALL BE SOLIDLY FILLED WITH GROUT, AND PLASTERED ALL WALL BOTH FACED UNLESS INDICATED WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI (13.80 Mpa) @ 28 DAYS.
- UNLESS OTHERWISE INDICATED CMU REINFORCEMENT SHALL BE 10 MMØ HORIZONTAL BAR @ 600 MM O.C AND 10 MMØ VERTICAL REINFORCEMENT @ 600 MM O.C .
- GROUT MASONRY IN 2.4M MAXIMUM LIFT, REINFORCEMENT SHALL BE SECURED AGAINST DISPLACEMENT PRIOR TO GROUTING BY WIRE POSITIONS AT INTERVAL NOT EXCEEDING 200 BAR DIAMETER NOR 3 METER.
- IF WORK STOPPED ONE HOUR OR LONGER PROVIDE HORIZONTAL CONSTRUCTION JOINTS BY STOPPING THE GROUT 50 MM BELOW THE TOP OF THE BLOCK.

PROJECT TITLE	CIVIL DESIGN CONSULTANT	SHEET CONTENTS	SHEET NO.
FIXED IPRS STANDARD v 2.0	ENGR. VENER L. ENCISO	REINFORCING STEEL BAR NOTES	S-1



S
21
FLOOR FRAMING PLAN
 SCALE 1 : 100M

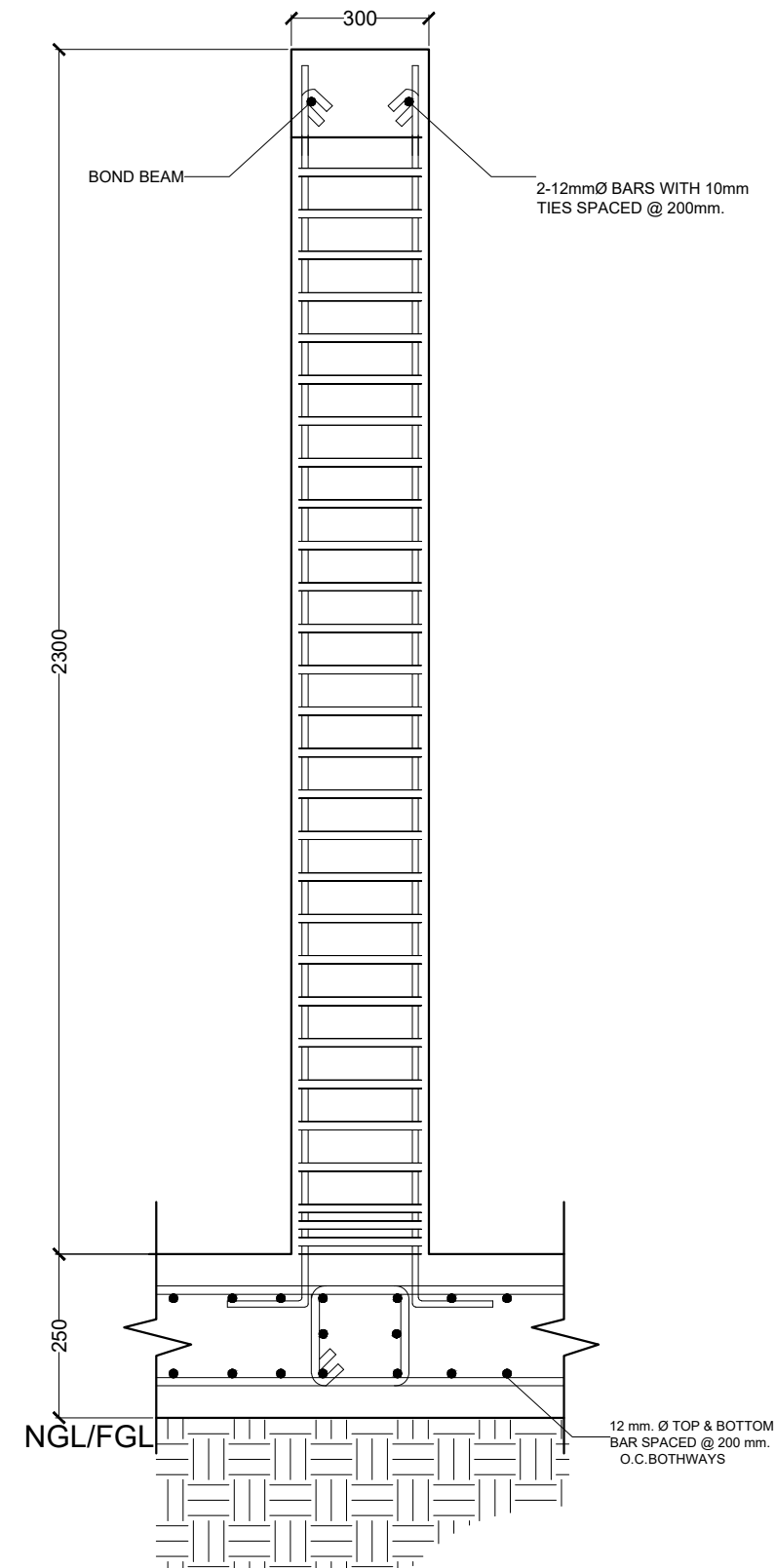
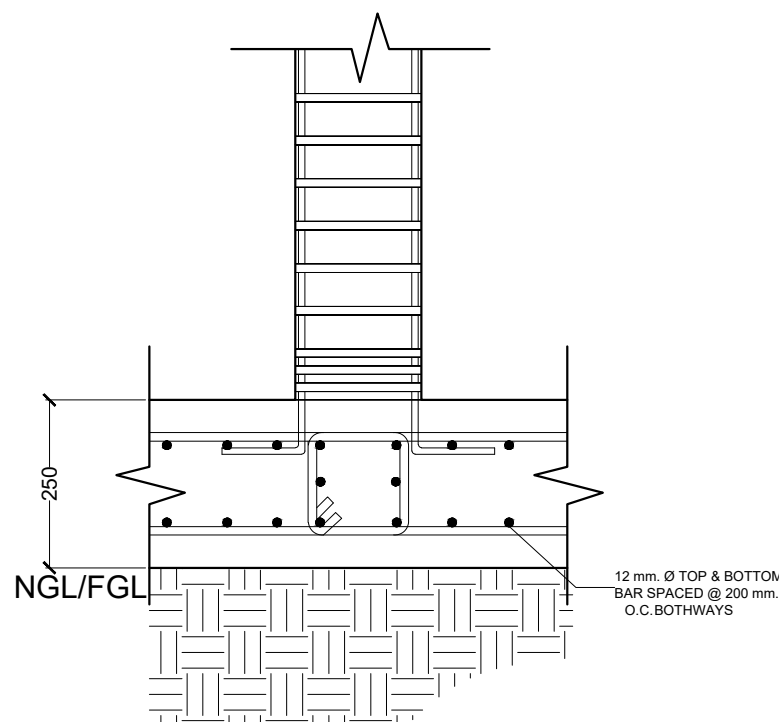
PROJECT TITLE	CIVIL DESIGN CONSULTANT	SHEET CONTENTS	SHEET NO.
FIXED IPRS STANDARD v 2.0	ENGR. VENER L. ENCISO	FRAMING PLAN	S-2



S
3 | 1
STRUCTURAL SECTION
 SCALE 1 : 100M

PROJECT TITLE	CIVIL DESIGN CONSULTANT	SHEET CONTENTS	SHEET NO.
FIXED IPRS STANDARD v 2.0	ENGR. VENER L. ENCISO	STRUCTURAL SECTIONS	S-3

MARK	C-1	C-2
SIZE	400mm. x 300 mm.	300mm. x 300 mm.
REBARS	6 pcs. - 12 mm. Ø	6 pcs. - 12 mm. Ø
STIRRUPS SPACING	USE :10 mm. Ø 5 @ 50 mm. 3 @ 100 mm. REST @ 200 mm.	USE :10 mm. Ø 5 @ 50 mm. 3 @ 100 mm. REST @ 200 mm.

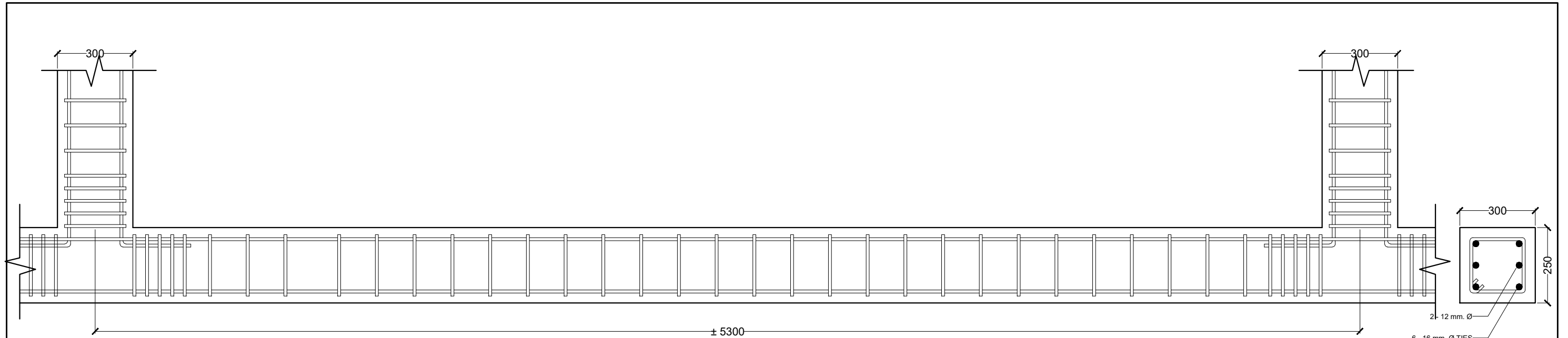


S
4 1
SCHEDULE OF COLUMNS
N T S

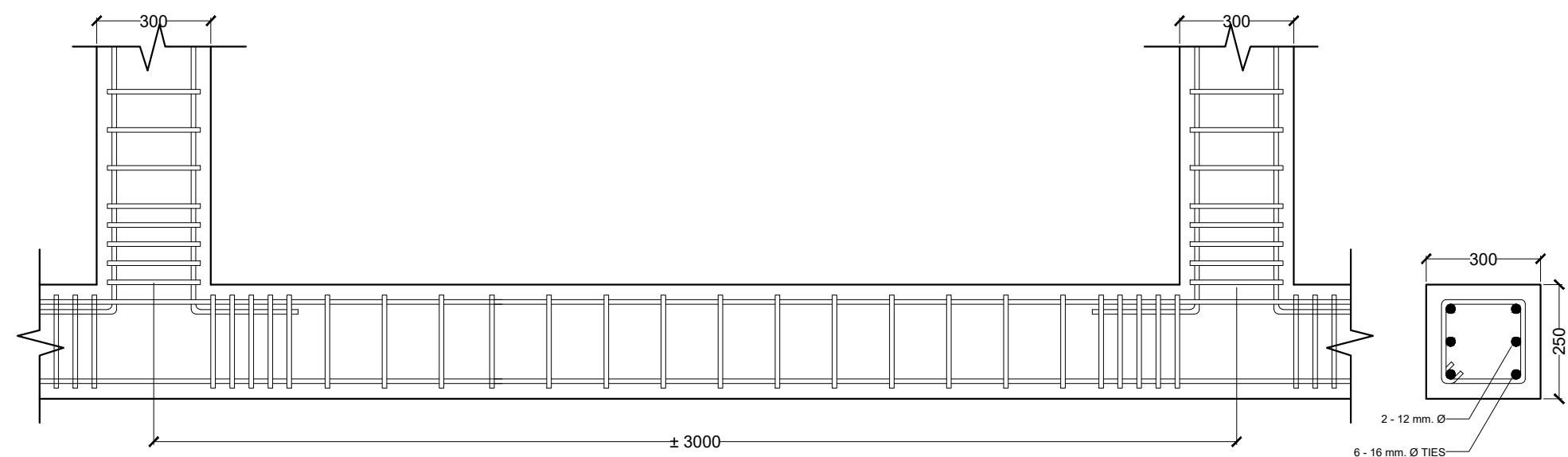
S
4 2
COLUMN - SLAB CONNECTION
N T S

S
4 3
BOND-BEAM DETAIL
N T S

PROJECT TITLE	CIVIL DESIGN CONSULTANT	SHEET CONTENTS	SHEET NO.
FIXED IPRS STANDARD v 2.0	ENGR. VENER L. ENCISO	SCHEDULE OF COLUMNS	S-4



GB - 1



GB - 2

S
51
SCHEDULE OF GRADE BEAMS

PROJECT TITLE	CIVIL DESIGN CONSULTANT	SHEET CONTENTS	SHEET NO.
FIXED IPRS STANDARD v 2.0	ENGR. VENER L. ENCISO	SCHEDULE OF GRADE BEAMS	S-5