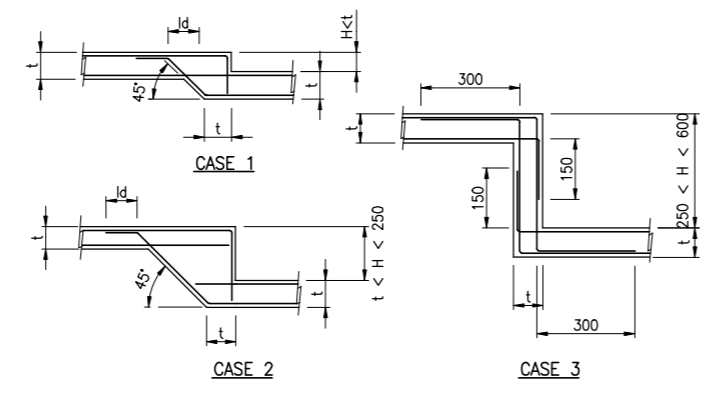
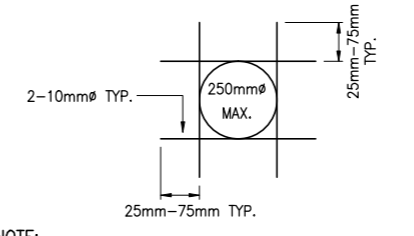


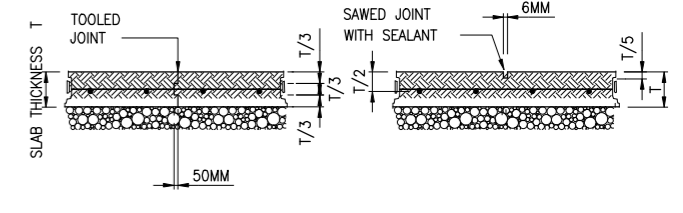
**1** DEPRESSED SLAB & SLAB EDGE DETAILS  
S-002 SCALE NTS



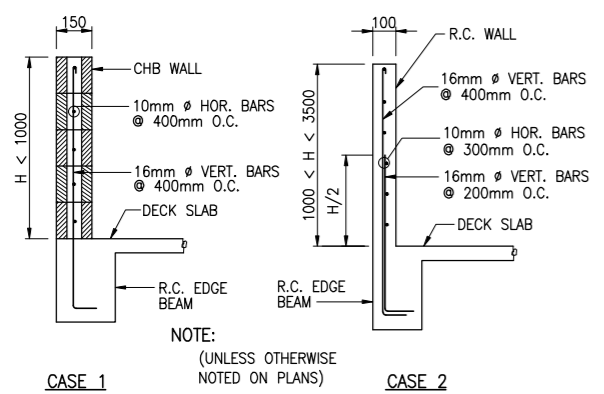
**2** TYP. REBAR DETAIL OF DEPRESSED/SUSPENDED SLAB FOR DIFF. ELEV.  
S-002 SCALE NTS



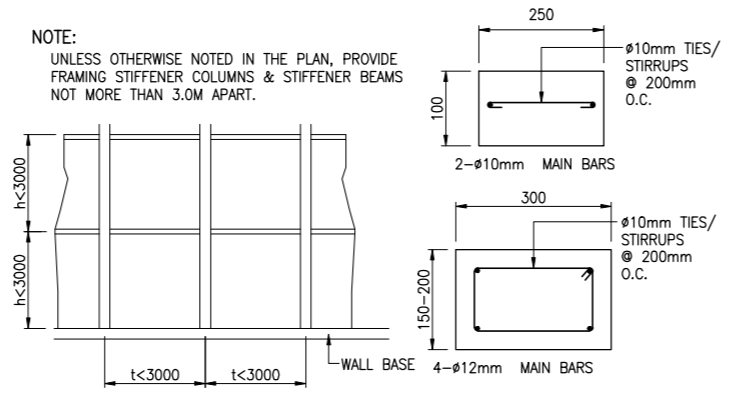
**3** TYP. PIPE SLEEVE OPENING FOR SLABS  
S-002 SCALE NTS



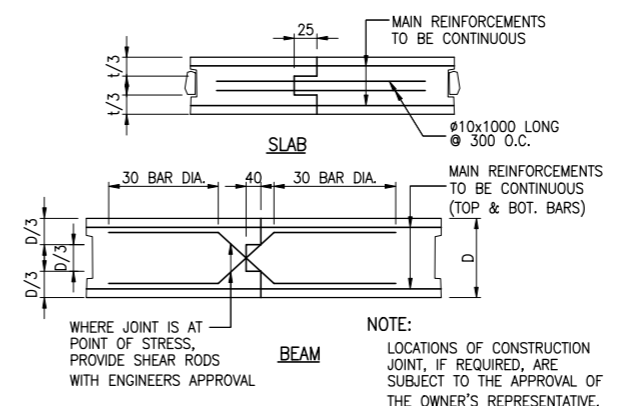
**4** CONTROL JOINTS FOR SLAB-ON GRADE  
S-002 SCALE NTS



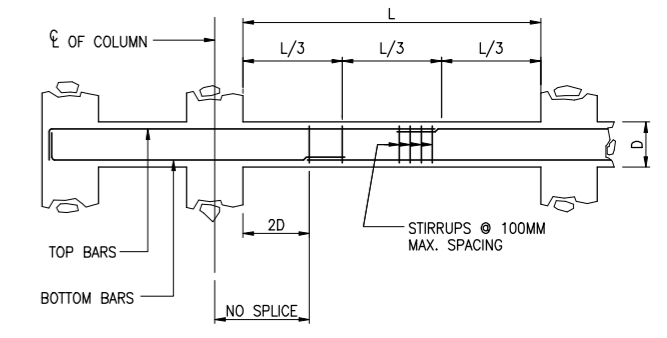
**5** TYPICAL DETAIL SECTION OF PARAPET  
S-002 SCALE NTS



**6** TYPICAL DETAIL OF STIFFENER BEAMS & COLUMNS  
S-002 SCALE NTS



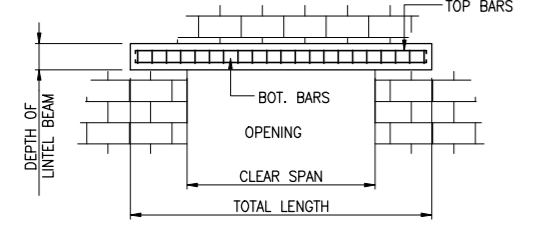
**7** TYPICAL SLAB & BEAM CONSTRUCTION JOINT DET.  
S-002 SCALE NTS



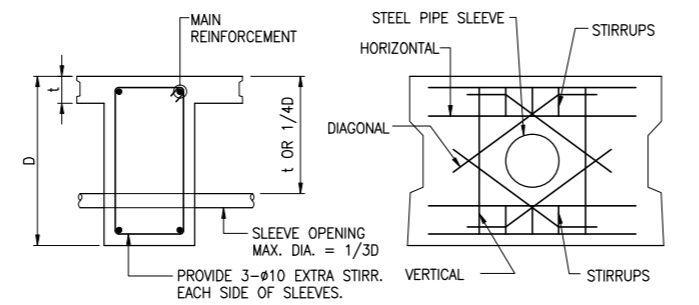
**8** TYP. SPLICE DETAILS FOR BEAMS FRAMING INTO COLUMN  
S-002 SCALE NTS

INTEL IN BLOCK WALLS (SAME THICKNESS AS CMU)

CLEAR SPAN L mm	TOTAL LENGTH mm	MIN. f <sub>c</sub> Mpa	HEIGHT OF INTEL BEAM (mm)	REINFORCEMENT		STIRRUPS
				BOTTOM	TOP	
1200	1800	13.8	200	2-10mm	2-10mm	10mm @ 200
1500	2100	13.8	225	2-12mm	2-12mm	10mm @ 200
1800	2400	13.8	250	2-16mm	2-16mm	10mm @ 200
2100	2700	17.2	250	2-16mm	2-16mm	10mm @ 200
2400	3000	17.2	300	2-16mm	2-16mm	10mm @ 200
2700	3300	17.2	300	2-16mm	2-16mm	10mm @ 200
3000	3800	17.2	350	3-16mm	2-16mm	10mm @ 200
3300	4100	17.2	400	3-16mm	2-16mm	10mm @ 200
3600	4400	17.2	450	4-16mm	2-16mm	10mm @ 200



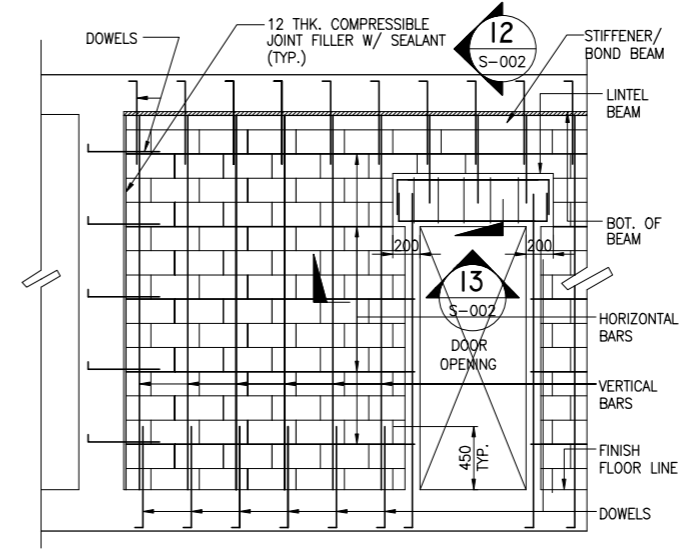
**9** REINF. CONCRETE LINTEL BEAM IN CHB WALLS  
S-002 SCALE NTS



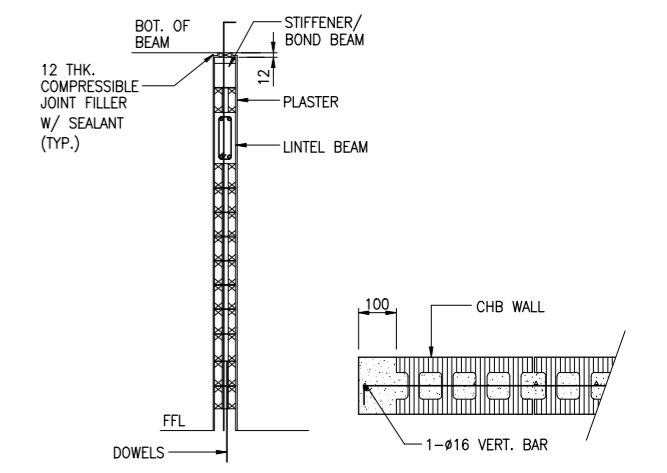
REINFORCING BAR FOR SLEEVE

OPENING DIAMETER	REINFORCING BARS		HORIZONTAL	STIRRUP
	DIAGONAL	VERTICAL		
φ ≤ 100	2-12	2-12		
150φ ≤ 100	2-16	2-16	2-16	φ12-φ50
200φ ≤ 150	2-20	2-16	2-16	φ12-φ50

**10** TYPICAL DETAIL FOR SLEEVES THRU CONCRETE BEAM  
S-002 SCALE NTS

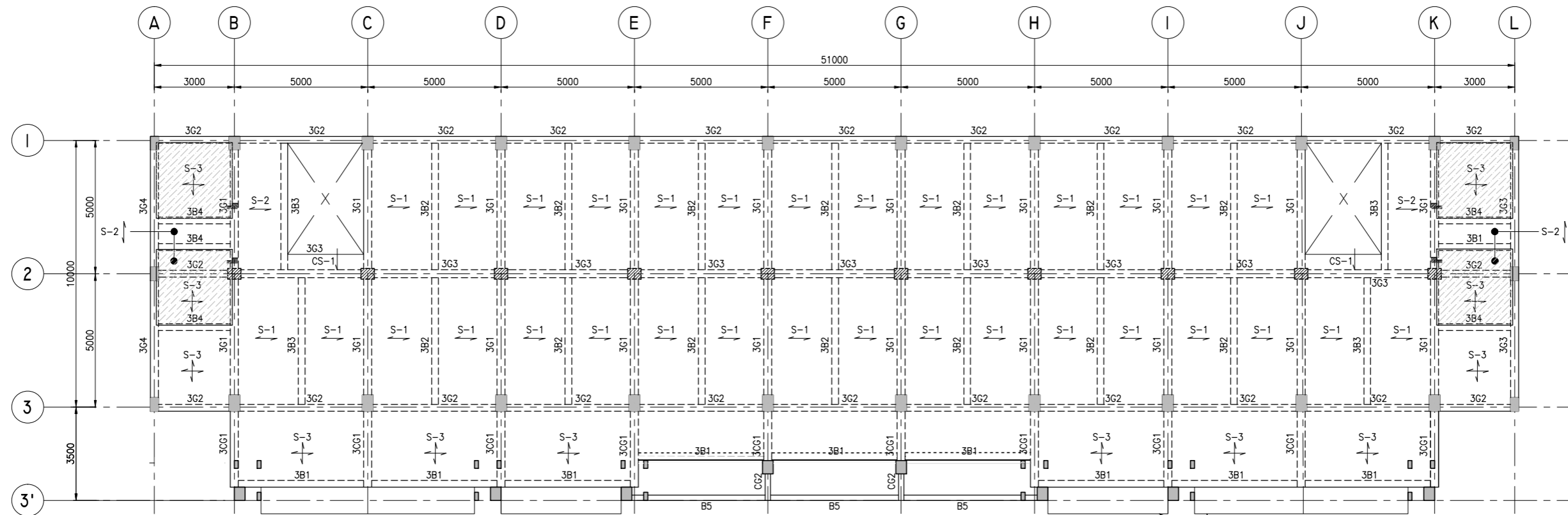


**11** TYPICAL CHB WALL ELEVATION  
S-002 SCALE NTS



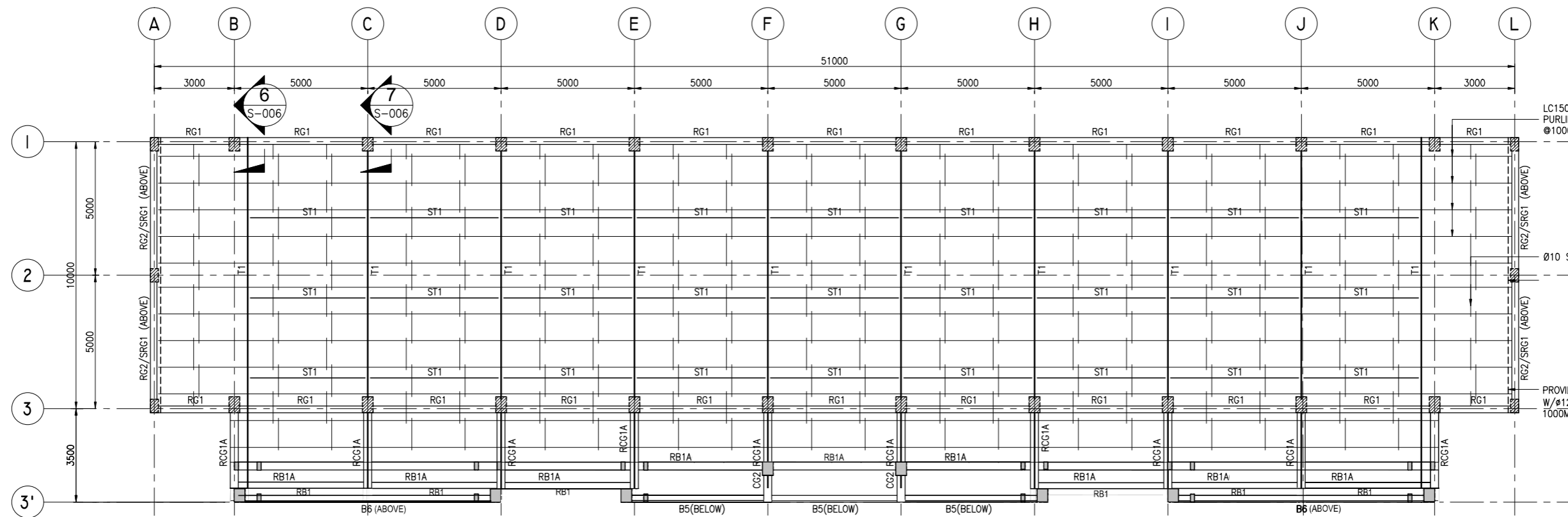
**12** SECTION  
S-002 SCALE NTS

**13** SECTION  
S-002 SCALE NTS



**1 THIRD FLOOR FRAMING PLAN**  
S-004 SCALE 1:100M

REFER TO ARCH'L FOR CANOPY DETAILS



**2 ROOF FRAMING PLAN**  
S-004 SCALE 1:100M

LC150x65x20x2.0 PURLING SPACED @1000MM O.C

Ø10 SAGR0D

PROVIDE L75x75x5 SEAT ANGLE W/Ø12 ANCHOR BOLTS SPACED @ 1000MM O.C

NOTE :  
ST1 - 2-LC150x65x20x2.0MM THK. BOX STRUT

LEGEND :  
 - CONTINUOUS COLUMN  
 - TERMINATED COLUMN  
 - DEPRESSED SLAB (VERIFY ARCH'L.)



CERTIFIED BY  
**ALDEN C. ONG M. Eng., ASEP**  
ENGINEER

REG. NO.: 68251  
TIN NO.: 168-950-786  
PTR NO.: 8539952  
DATE: 01-08-21  
PLACE: MAKATI CITY

OWNER  
**WEST VISAYAS STATE UNIVERSITY**  
LUNA ST. LA PAZ, ILOILO CITY

APPROVED BY: \_\_\_\_\_

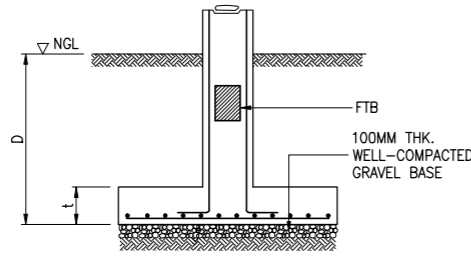
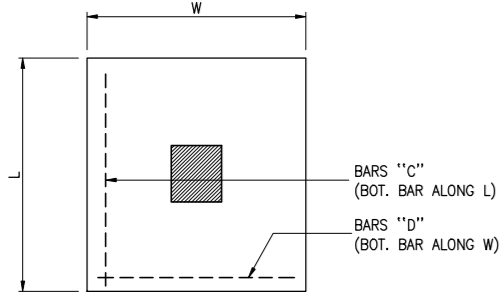
PROJECT TITLE/LOCATION  
**PROPOSED WVSU-3 STOREY COMMERCIAL BUILDING**  
LUNA ST. LA PAZ, ILOILO CITY

SHEET CONTENTS  
THIRD FLOOR FRAMING PLAN  
ROOF FRAMING PLAN

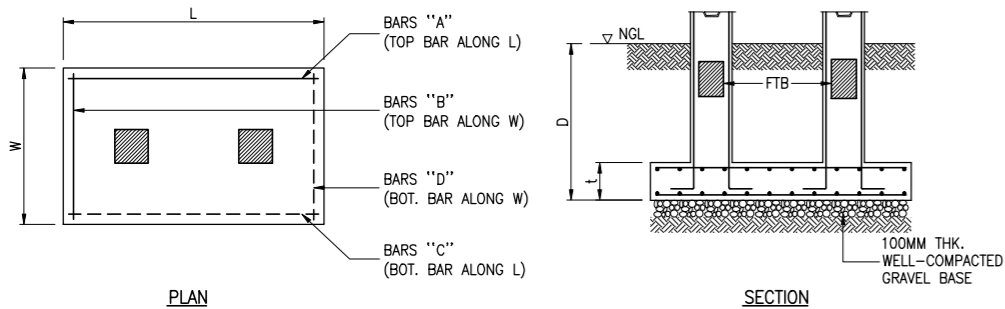
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MLJ/AAP	MAR 2015					20X30	S-004
DESIGNED	DATE					SCALE	PROJECT NO.
MKBM	MAR 2015					AS SHOWN	SO-14-081
APPROVED	DATE						
ACD	MAR 2015	0					

**SCHEDULE OF FOOTINGS**

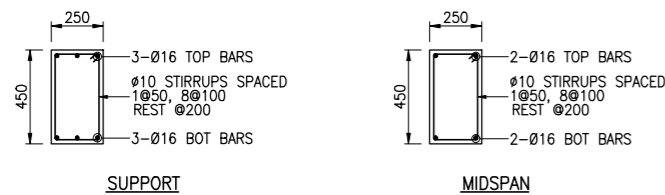
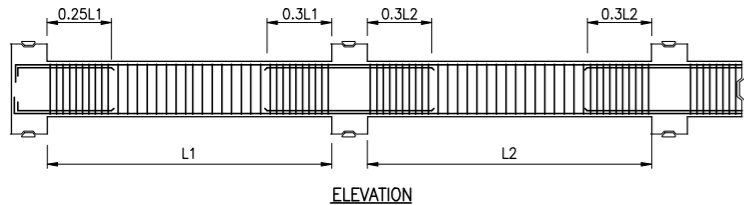
MARK	D (DEPTH)	T (THICK.)	L (LENGTH)	W (WIDTH)	REINFORCEMENT				REMARKS
					TOP		BOTTOM		
					"A"	"B"	"C"	"D"	
F1	1500	250	3200	3200	-	-	12-Ø20	22-Ø20	ISOLATED
F2	1500	250	1200	1200	-	-	7-Ø20	7-Ø20	ISOLATED
CF1	1500	250	6000	2500	4-Ø20	8-Ø20	13-Ø20	22-Ø20	COMBINED
CF2	1500	300	16000	4000	10-Ø20	28-Ø20	25-Ø20	84-Ø20	COMBINED
CF3	1500	300	18000	4000	10-Ø20	31-Ø20	22-Ø20	91-Ø20	COMBINED



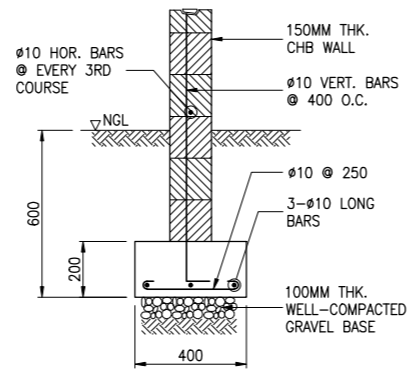
**1 TYPICAL FOOTING DETAILS**  
S-005 SCALE NTS



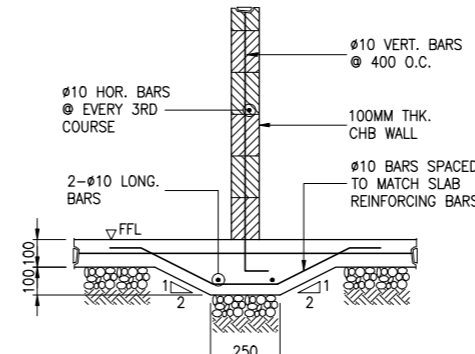
**2 TYPICAL COMBINED FOOTING DETAILS**  
S-005 SCALE NTS



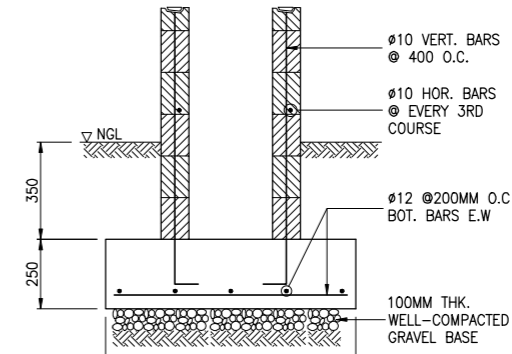
**3 TYPICAL FOOTING TIE BEAM DETAILS**  
S-005 SCALE NTS



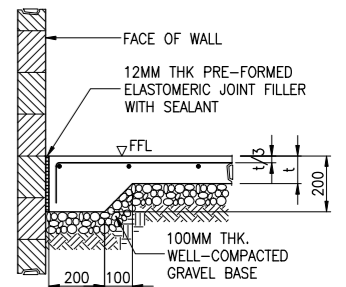
**4 WF1 DETAIL**  
S-005 SCALE NTS



**5 WF2 DETAIL**  
S-005 SCALE NTS

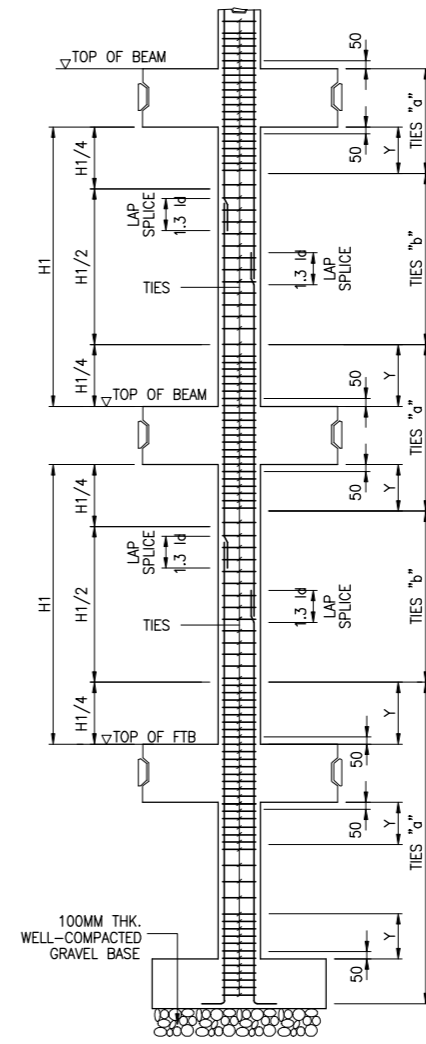


**6 WF3 DETAIL**  
S-005 SCALE NTS

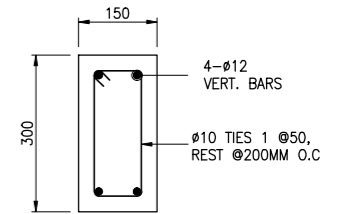


**7 TYP. SLAB ON GRADE DETAIL**  
S-005 SCALE NTS

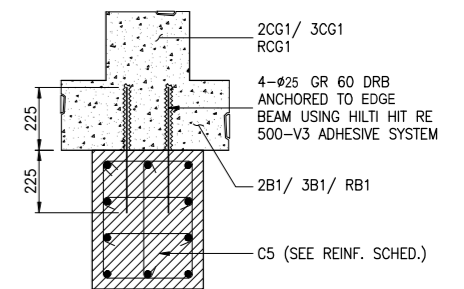
COL. MARK	SCHEDULE OF COLUMNS				
	C1	C2	C3	C4	C5
FLOOR LEVEL					
FOUNDATION TO SECOND FLOOR					
SIZE (mm)	300X500	400X500	400X500	400X600	400X500
VERT. REINF.	8-Ø16	10-Ø16	10-Ø20	12-Ø16	10-Ø20
TIES (a)	Ø10 @ 100	Ø10 @ 100	Ø10 @ 100	10 @ 100	Ø10 @ 100
TIES (b)	Ø10 @ 150	Ø10 @ 150	Ø10 @ 150	10 @ 150	Ø10 @ 150
CONFINEMENT (Y)	750	750	750	750	750
SECOND FLOOR TO THIRD FLOOR					
SIZE (mm)	300X500	400X500	400X500	400X600	400X500
VERT. REINF.	8-Ø16	10-Ø16	10-Ø20	13-Ø16	10-Ø20
TIES (a)	Ø10 @ 100	Ø10 @ 100	Ø10 @ 100	10 @ 100	Ø10 @ 100
TIES (b)	Ø10 @ 150	Ø10 @ 150	Ø10 @ 150	10 @ 150	Ø10 @ 150
CONFINEMENT (Y)	550	550	550	550	750
THIRD FLOOR TO ROOF					
SIZE (mm)	300X500	300X500	-	400X600	400X500
VERT. REINF.	8-Ø16	8-Ø16	-	12-Ø16	10-Ø20
TIES (a)	Ø10 @ 100	Ø10 @ 100	-	10 @ 100	Ø10 @ 100
TIES (b)	Ø10 @ 150	Ø10 @ 150	-	10 @ 150	Ø10 @ 150
CONFINEMENT (Y)	550	550	-	550	750



**8 TYP. COLUMN DETAIL**  
S-005 SCALE NTS



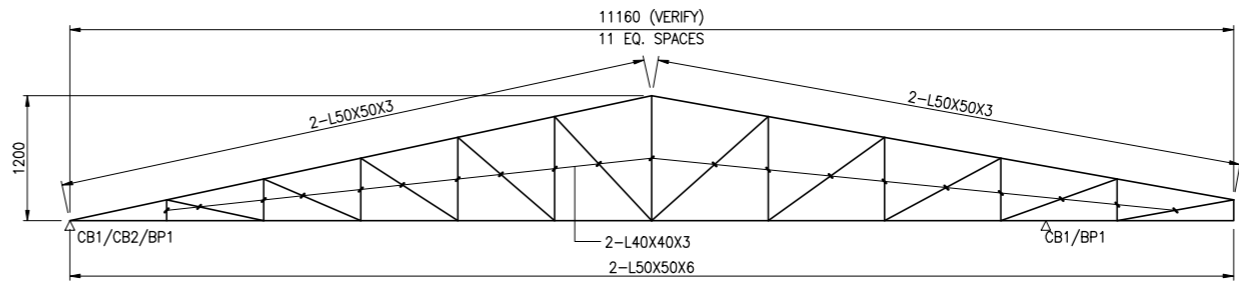
**9 SCI DETAIL**  
S-005 SCALE 1:8 M



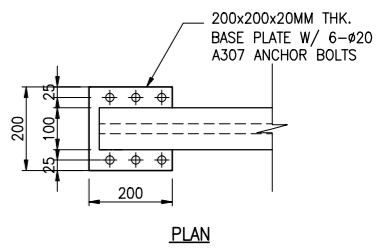
**10 CONNECTION DETAIL**  
S-005 SCALE 1:15 M

**SCHEDULE OF BEAMS**

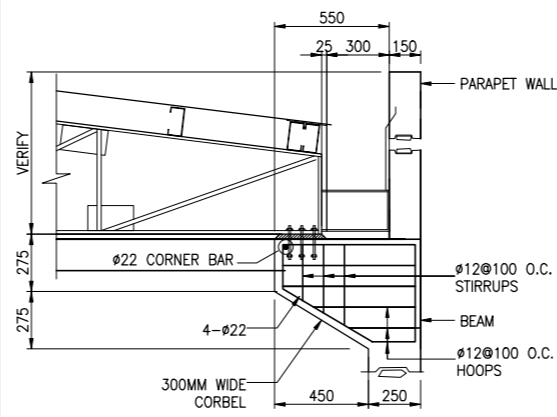
MARK	SECTION (MM)		BAR DIA.	LONGITUDINAL BARS						WEB BARS, EACH FACE	STIRRUPS NO./SET	STIRRUPS SIZE	REMARKS
	B	H		LEFT END		MIDDLE		RIGHT END					
				TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM				
2G1	300	60	Ø20	5	3	2	2	5	3	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
2G2	250	500	Ø20	4	2	2	3	4	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
2GA1	250	500	Ø20	3	3	2	2	2	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
2G3	300	500	Ø20	5	2	2	4	5	3	2-Ø16	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
2G4	300	500	Ø20	4	3	2	2	4	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
2CG1	300	400	Ø20	6	2	6	3	6	3	2-Ø16	2L	1-Ø10@50MM, REST @ 100MM O.C.	CANTILEVER
2CG2	200	400	Ø16	2	2	2	2	2	2	1-Ø16	2L	1-Ø10@50MM, 10@80, REST @ 150MM O.C.	CANTILEVER
2B1	250	400	Ø16	4	2	2	3	4	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
2B2	250	500	Ø16	4	2	2	2	4	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
2B3	250	500	Ø16	2	2	2	5	2	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
2B4	250	400	Ø16	2	3	2	2	2	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
B5	200	400	Ø16	2	2	2	2	2	2	1-Ø16	2L	1-Ø10@50MM, 10@80, REST @ 150MM O.C.	
3G1	300	600	Ø20	6	2	2	2	6	3	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
3G2	250	500	Ø20	3	2	2	3	3	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
3G2A	250	500	Ø20	3	2	2	2	3	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
3G3	300	500	Ø20	4	2	2	4	4	2	2-Ø16	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
3G4	300	500	Ø20	3	2	2	2	3	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
3CG1	300	400	Ø20	6	3	6	3	6	3	2-Ø16	2L	1-Ø10@50MM, REST @ 100MM O.C.	CANTILEVER
3CG2	200	400	Ø16	2	2	2	2	2	2	1-Ø16	2L	1-Ø10@50MM, 10@80, REST @ 150MM O.C.	CANTILEVER
3B1	250	400	Ø16	4	2	2	3	4	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
3B2	250	500	Ø16	3	2	2	2	3	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
3B3	250	500	Ø16	2	2	2	5	2	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
3B4	250	400	Ø16	2	2	2	2	2	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
B6	250	600	Ø20	3	2	2	3	-	-	2-Ø20	2L	1-Ø10@50MM, 10@120, REST @ 200MM O.C.	
RG1	250	500	Ø16	3	2	2	3	3	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
RG2	250	400	Ø16	3	2	2	2	3	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
RCG1	300	400	Ø16	5	3	5	3	5	3	-	2L	1-Ø10@50MM, REST @ 100MM O.C.	CANTILEVER
RCG1A	250	400	Ø20	3	2	3	2	3	2	1-Ø16	2L	1-Ø10@50MM, REST @ 75MM O.C.	CANTILEVER
RB1	250	400	Ø16	2	2	2	2	2	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	
RB1A	300	400	Ø16	2	2	2	3	2	2	-	2L	1-Ø10@50MM, 10@80, REST @ 150MM O.C.	
CB1	200	400	Ø16	2	2	2	2	2	2	1-Ø16	2L	1-Ø10@50MM, 10@80, REST @ 150MM O.C.	CANTILEVER
SRG1	250	400	Ø16	2	2	2	2	2	2	-	2L	1-Ø10@50MM, 9@125, REST @ 250MM O.C.	



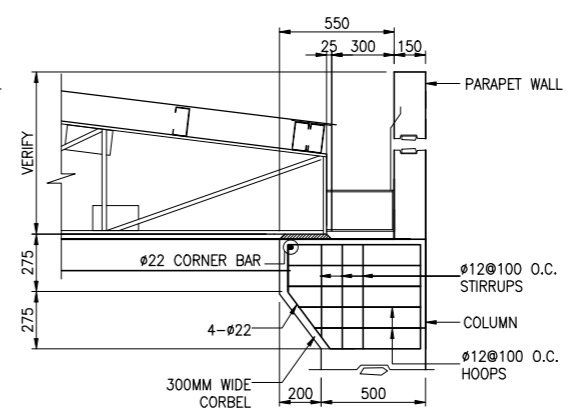
**4 TI DETAILS**  
S-006 SCALE 1:40M



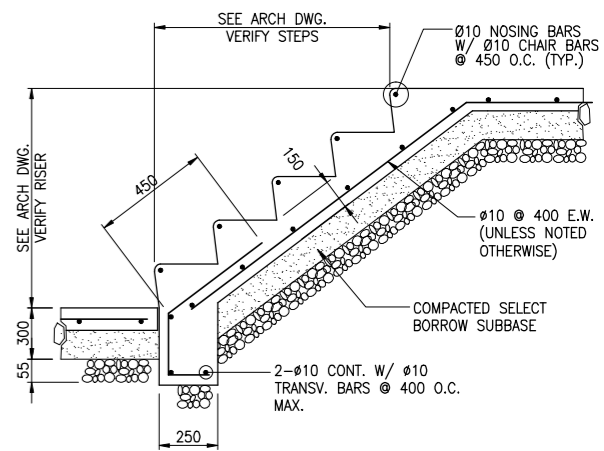
**5 BPI DETAIL**  
S-006 SCALE 1:10 M.



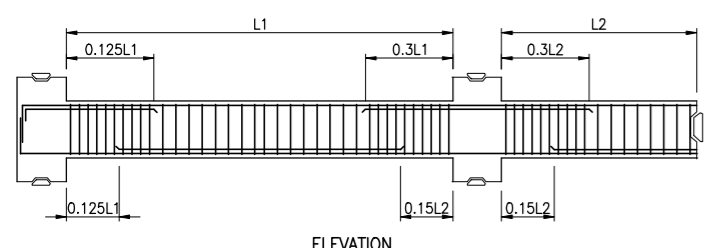
**6 CBI DETAIL**  
S-006 SCALE 1:20M.



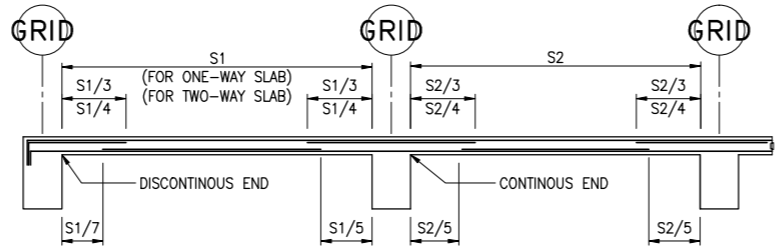
**7 CB2 DETAIL**  
S-006 SCALE 1:20M.



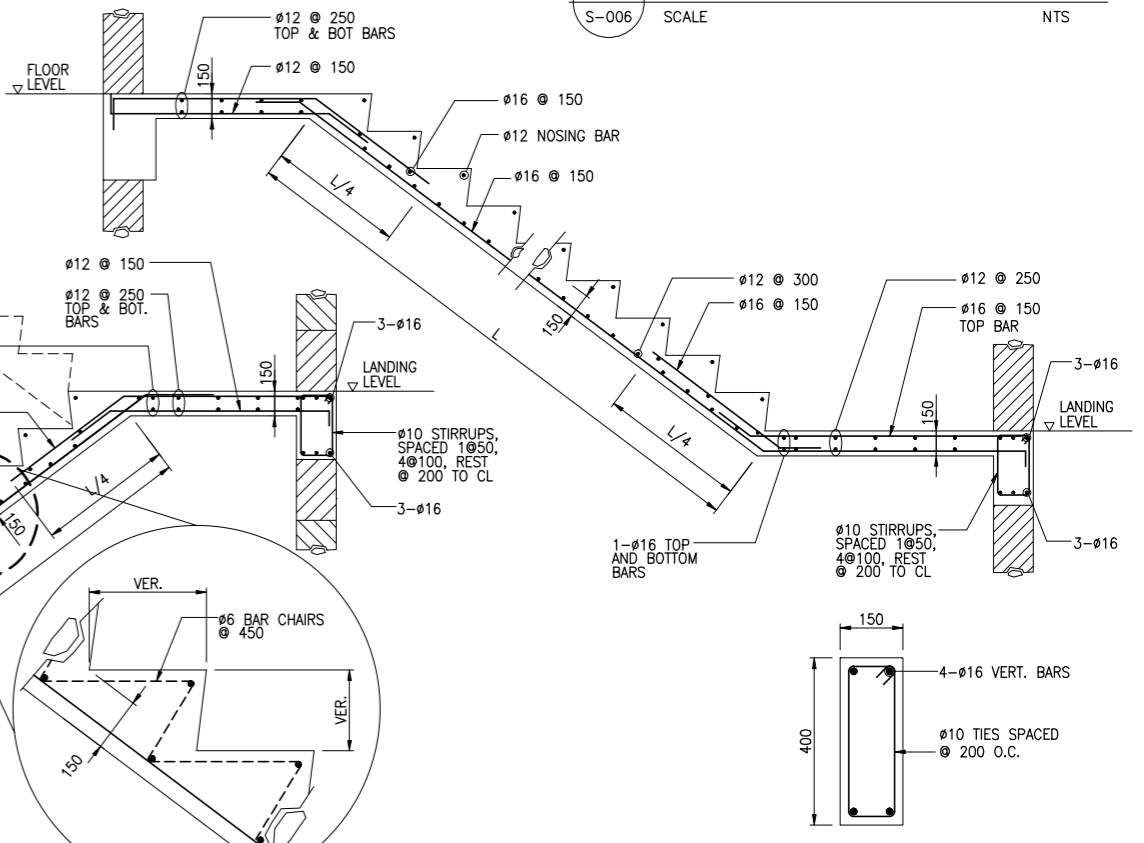
**8 STAIR ON GRADE DETAIL**  
S-006 SCALE NTS



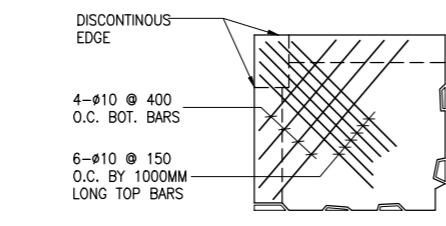
**1 TYPICAL BEAM DETAILS**  
S-006 SCALE NTS



**2 TYPICAL SLAB DETAIL**  
S-006 SCALE NTS



**9 TYPICAL STAIR DETAILS**  
S-006 SCALE NTS



**3 TYP. REINF. @ SLAB CORNER**  
S-006 SCALE NTS

**SCHEDULE OF SLABS**

SLAB MARK	THICKNESS (MM)	BAR LOCATION	BAR DIA.	SLAB REINFORCEMENTS				REMARKS
				SHORT SPAN		LONG SPAN		
				END	MIDDLE	END	MIDDLE	
S-1	100	TOP	Ø10	200	-	200	-	ONE-WAY
S-1	100	BOTTOM	Ø10	400	200	400	200	ONE-WAY
S-2	100	TOP	Ø10	250	-	450	-	ONE-WAY
S-2	100	BOTTOM	Ø10	450	250	450	450	TWO-WAY
S-3	100	TOP	Ø10	150	-	200	-	TWO-WAY
S-3	100	BOTTOM	Ø10	450	150	400	200	TWO-WAY
CS-1	100	TOP	Ø10	200	200	450	450	CANTILEVER
CS-1	100	BOTTOM	Ø10	450	450	450	450	CANTILEVER



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**ALDEN C. ONG M. Eng., ASEP**  
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PROJECT TITLE/LOCATION  
**PROPOSED WVSU-3 STOREY COMMERCIAL BUILDING**  
LUNA ST. LA PAZ, ILOILO CITY

SHEET CONTENTS  
SCHEDULE OF BEAMS & TYP. BEAM DETAILS  
SCHEDULE OF SLABS & TYP. SLAB DETAILS  
T1 DETAILS, CORBEL DETAILS  
BASEPLATE DETAIL  
STAIR ON GRADE DETAIL & TYP. STAIR DETAILS

CADD	DATE	NO.	REVISIONS	CHK	DATE	PAPER SIZE	SHEET NO.
MLJ/AAP	MAR 2015					20X30	S-006
DESIGNED	DATE					SCALE	PROJECT NO.
MKBM	MAR 2015					AS SHOWN	SO-14-081
APPROVED	DATE						
ACD	MAR 2015	0					