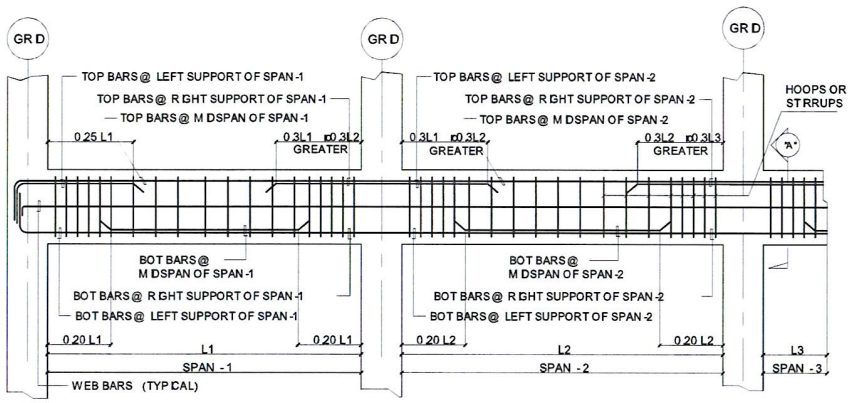
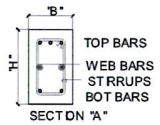


NOTES :
1.) NO SPLICE SHALL BE MADE AT DISTANCE 2H FROM FACE OF THE SUPPORT
2.) BOTTOM BARS SHALL BE SPLICED WITH IN L/4 BUT NOT LESS THAN 2H FROM FACE OF THE SUPPORT
3.) TOP BARS CAN BE SPLICED ANYWHERE BEYOND 2H FROM FACE OF THE SUPPORT
4.) HOOPS SHALL BE USED WITH IN THE DISTANCE 2H FROM FACE OF THE SUPPORT
5.) HOOPS AT 100MM SHALL BE USED WITH IN THE SPLICED LENGTH
6.) STIRRUPS WITH SEISMIC HOOK CAN BE USED BEYOND 2H



1 TYPICAL DETAIL OF BEAMS & GIRDERS
S-6 SCALE NTS

SCHEDULE OF BEAMS & GIRDERS @ FOUNDATION

BEAM MARK	SPAN	SECTION B (mm)	SECTION H (mm)	LEFT SUPPORT TOP	LEFT SUPPORT BOTTOM	MIDSPAN TOP	MIDSPAN BOTTOM	RIGHT SUPPORT TOP	RIGHT SUPPORT BOTTOM	WEB BARS	STIRRUPS	REMARKS
FTB1	1	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	2	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	3	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	4	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	5	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	6	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	7	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	8	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
FTB2	1	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
FTB3	1	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	2	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	3	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	4	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	5	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
FTB4	1	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	2	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	3	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	4	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	5	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
FTB5	1	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	2	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	3	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
FTB6	1	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
FTB7	1	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	2	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	
	3	250	500	4-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	4-16mmØ		1	

TYPE 1-1 SET 10mmØ :1@ 50mm ,10@ 100mm ,REST@ 150mm O.C. TO CENTER

SCHEDULE OF BEAMS & GIRDERS @ SECOND FLOOR

BEAM MARK	SPAN	SECTION B (mm)	SECTION H (mm)	LEFT SUPPORT TOP	LEFT SUPPORT BOTTOM	MIDSPAN TOP	MIDSPAN BOTTOM	RIGHT SUPPORT TOP	RIGHT SUPPORT BOTTOM	WEB BARS	STIRRUPS	REMARKS
2G1	1	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	4-16mmØ	2-16mmØ		1	
	2	250	500	4-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	4-16mmØ	2-16mmØ		1	
	3	250	500	4-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	4-16mmØ	2-16mmØ		1	
	4	250	500	4-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	4-16mmØ	2-16mmØ		1	
	5	250	500	4-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	4-16mmØ	2-16mmØ		1	
	6	250	500	4-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	4-16mmØ	2-16mmØ		1	
	7	250	500	4-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	5-16mmØ	3-16mmØ		1	
	8	250	500	5-16mmØ	3-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
2G2	1	250	500	3-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	7-16mmØ	4-16mmØ		1	
	2	250	500	7-16mmØ	4-16mmØ	2-16mmØ	6-16mmØ	6-16mmØ	3-16mmØ		1	
	3	250	500	6-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	6-16mmØ	3-16mmØ		1	
	4	250	500	6-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	6-16mmØ	3-16mmØ		1	
	5	250	500	6-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	6-16mmØ	3-16mmØ		1	
	6	250	500	6-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	8-16mmØ	4-16mmØ		1	
	7	250	500	8-16mmØ	4-16mmØ	2-16mmØ	6-16mmØ	7-16mmØ	4-16mmØ		1	
	8	250	500	7-16mmØ	4-16mmØ	2-16mmØ	3-16mmØ	2-16mmØ	2-16mmØ		1	
2G3	1	250	500	2-16mmØ	6-16mmØ	2-16mmØ	8-16mmØ	6-16mmØ	3-16mmØ		1	
	2	250	500	6-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	6-16mmØ	3-16mmØ		1	
	3	250	500	6-16mmØ	3-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	4	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	5	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	6	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	7	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	8	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
2G4	1	250	500	7-16mmØ	4-16mmØ	2-16mmØ	8-16mmØ	8-16mmØ	4-16mmØ		1	
	2	250	500	8-16mmØ	4-16mmØ	2-16mmØ	3-16mmØ	2-16mmØ	2-16mmØ		1	
2G5	1	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	2	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
2G6	1	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	2	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	3	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	4	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	5	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	6	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	7	250	500	3-16mmØ	2-16mmØ	2-16mmØ	4-16mmØ	11-16mmØ	6-16mmØ		1	
	8	250	500	11-16mmØ	6-16mmØ	7-16mmØ	4-16mmØ	3-16mmØ	3-16mmØ		1	
2G7	1	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	8-16mmØ	4-16mmØ		1	
	2	250	500	8-16mmØ	4-16mmØ	2-16mmØ	7-16mmØ	10-16mmØ	5-16mmØ		1	
	3	250	500	10-16mmØ	5-16mmØ	2-16mmØ	7-16mmØ	10-16mmØ	5-16mmØ		1	
	4	250	500	10-16mmØ	5-16mmØ	2-16mmØ	7-16mmØ	10-16mmØ	5-16mmØ		1	
	5	250	500	10-16mmØ	5-16mmØ	2-16mmØ	9-16mmØ	10-16mmØ	5-16mmØ		1	
	6	250	500	10-16mmØ	5-16mmØ	10-16mmØ	5-16mmØ	10-16mmØ	5-16mmØ		1	
	7	250	500	10-16mmØ	5-16mmØ	4-16mmØ	2-16mmØ	2-16mmØ	2-16mmØ		1	
2G8	1	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	5-16mmØ	3-16mmØ		1	
	2	250	500	5-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	6-16mmØ	3-16mmØ		1	
	3	250	500	6-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	5-16mmØ	3-16mmØ		1	
	4	250	500	5-16mmØ	3-16mmØ	2-16mmØ	3-16mmØ	7-16mmØ	4-16mmØ		1	
	5	250	500	7-16mmØ	4-16mmØ	2-16mmØ	4-16mmØ	6-16mmØ	3-16mmØ		1	
2G9	1	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	2	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	4-16mmØ	2-16mmØ		1	
	3	250	500	4-16mmØ	2-16mmØ	2-16mmØ	5-16mmØ	5-16mmØ	3-16mmØ		1	
	4	250	500	5-16mmØ	3-16mmØ	2-16mmØ	5-16mmØ	5-16mmØ	3-16mmØ		1	

TYPE 1-1 SET 10mmØ :1@ 50mm ,10@ 100mm ,REST@ 150mm O.C. TO CENTER

SCHEDULE OF BEAMS & GIRDERS @ SECOND FLOOR

BEAM MARK	SPAN	SECTION B (mm)	SECTION H (mm)	LEFT SUPPORT TOP	LEFT SUPPORT BOTTOM	MIDSPAN TOP	MIDSPAN BOTTOM	RIGHT SUPPORT TOP	RIGHT SUPPORT BOTTOM	WEB BARS	STIRRUPS	REMARKS
	5	250	500	5-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	3-16mmØ	2-16mmØ		1	
2G10	1	250	500	3-16mmØ	2-16mmØ	2-16mmØ	5-16mmØ	5-16mmØ	3-16mmØ		1	
	2	250	500	5-16mmØ	3-16mmØ	2-16mmØ	3-16mmØ	2-16mmØ	2-16mmØ		1	
2G11	1	250	500	5-16mmØ	3-16mmØ	3-16mmØ	10-16mmØ	4-16mmØ	2-16mmØ		1	
2G12	1	250	500	4-16mmØ	4-16mmØ	2-16mmØ	8-16mmØ	10-16mmØ	5-16mmØ		1	
	2	250	500	10-16mmØ	5-16mmØ	2-16mmØ	9-16mmØ	2-16mmØ	4-16mmØ		1	
2G13	1	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	2	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
2G14	1	250	500	5-16mmØ	3-16mmØ	3-16mmØ	10-16mmØ	7-16mmØ	4-16mmØ		1	
	2	250	500	7-16mmØ	4-16mmØ	2-16mmØ	3-16mmØ	2-16mmØ	2-16mmØ		1	
2G15	1	250	500	2-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	7-16mmØ	4-16mmØ		1	
	2	250	500	7-16mmØ	4-16mmØ	3-16mmØ	10-16mmØ	5-16mmØ	3-16mmØ		1	
2G16	1	250	500	4-16mmØ	2-16mmØ	2-16mmØ	9-16mmØ	5-16mmØ	3-16mmØ		1	
	2	250	500	5-16mmØ	3-16mmØ	2-16mmØ	3-16mmØ	2-16mmØ	2-16mmØ		1	
2G17	1	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	5-16mmØ	3-16mmØ		1	
	2	250	500	5-16mmØ	3-16mmØ	2-16mmØ	9-16mmØ	4-16mmØ	2-16mmØ			
2G18	1	250	500	3-16mmØ	2-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	2-16mmØ		1	
	2	250	500	4-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	3	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
2G19	1	250	500	2-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	2	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	7-16mmØ	4-16mmØ		1	
	3	250	500	7-16mmØ	4-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	4	250	500	3-16mmØ	2-16mmØ	2-16mmØ	8-16mmØ	8-16mmØ	4-16mmØ		1	
	5	250	500	8-16mmØ	4-16mmØ	2-16mmØ	8-16mmØ	4-16mmØ	2-16mmØ		1	
2G20	1	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	2	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
	3	250	500	3-16mmØ	2-16mmØ	2-16mmØ	3-16mmØ	3-16mmØ	2-16mmØ		1	
2B1	1	200	500	2-16mmØ	4-16mmØ	2-16mmØ	5-16mmØ	6-16mmØ	3-16mmØ		1	
	2	200	500	6-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	6-16mmØ	3-16mmØ		1	
	3	200	500	6-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	6-16mmØ	3-16mmØ		1	
	4	200	500	6-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	6-16mmØ	3-16mmØ		1	
	5	200	500	6-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	6-16mmØ	3-16mmØ		1	
	6	200	500	6-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	6-16mmØ	3-16mmØ		1	
	7	200	500	6-16mmØ	3-16mmØ	2-16mmØ	4-16mmØ	8-16mmØ	4-16mmØ		1	
	8	200	500	8-16mmØ	4-16mmØ	2-16mmØ	3-16mmØ	2-16mmØ	2-16mmØ		1	
2B2	1	200	500	2-16mmØ	8-16mmØ	2-16mmØ	8-16mmØ	2-16mmØ	8-16mmØ		1	
2B3	1	200	500	2-16mmØ	5-16mmØ	2-16mmØ	8-16mmØ	2-16mmØ	5-16mmØ		1	
2B4	1	200	500	2-16mmØ	6-16mmØ	2-16mmØ	8-16mmØ	8-16mmØ	4-16mmØ		1	
	2	200	500	8-16mmØ	4-16mmØ	2-16mmØ	5-16mmØ	8-16mmØ	4-16mmØ		1	
	3	200	500	8-16mmØ	4-16mmØ	2-16mmØ	5-16mmØ	8-16mmØ	4-16mmØ		1	
	4	200	500	8-16mmØ	4-16mmØ	4-16mmØ	8-16mmØ	2-16mmØ	7-16mmØ		1	
2B5	1	200	500	2-16mmØ	7-16mmØ	2-16mmØ	7-16mmØ	2-16mmØ	8-16mmØ		1	

TYPE 1-1 SET 10mmØ :1@ 50mm ,10@ 100mm ,REST@ 150mm O.C. TO CENTER

EXAATTO BUILDERS, INC.
Legazpi Premium Development Corporation

ENGINEER :
RUEL B. RAMIREZ, MSCE, M.ASEP
STRUCTURAL ENGINEERING SPECIALIST NO. 99
PRC NO.: 0068944 | ISSUED ON: FEB. 16, 1994
PTR NO.: 3804382 | ISSUED ON: JAN. 05, 2017
TIN NO.: 175-764-161 | ISSUED AT: QUEZON CITY

PROJECT TITLE :
CONSTRUCTION OF ACADEMIC BUILDING 1
LOCATION: MAROPA REGION CAMPUS OD DNGAN ROMBLON

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF SCIENCE AND TECHNOLOGY
PHILIPPINE SCIENCE HIGH SCHOOL
MAROPA REGION CAMPUS
BRGY. RIZAL, ODIONGAN, ROMBLON

APPROVED :
EDWARD C. ALBARACIN
CAMPUS DIRECTOR

DESIGNED BY: MVD 12/17/16	REVISIONS	SHEET CONTENTS: AS SHOWN
ENCODED BY: JCO 12/17/16		
CHECKED BY: RBR 12/17/16		
APPROVED BY: RBR 12/17/16		
DATE ISSUED :		
SCALE : AS SHOWN		
PROJECT NO.: RBR_SD122916-RBRA-PSM-D-003		

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SHEET NO. S 6 8
FOR BUILDING PERMIT