



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
Telephone: (042) 567-5952
Email: bac@rsu.edu.ph
Website: rsu.edu.ph



Management System
ISO 9001:2015



www.tuv.com
ID 900018803

BID BULLETIN

Clarification No. 5

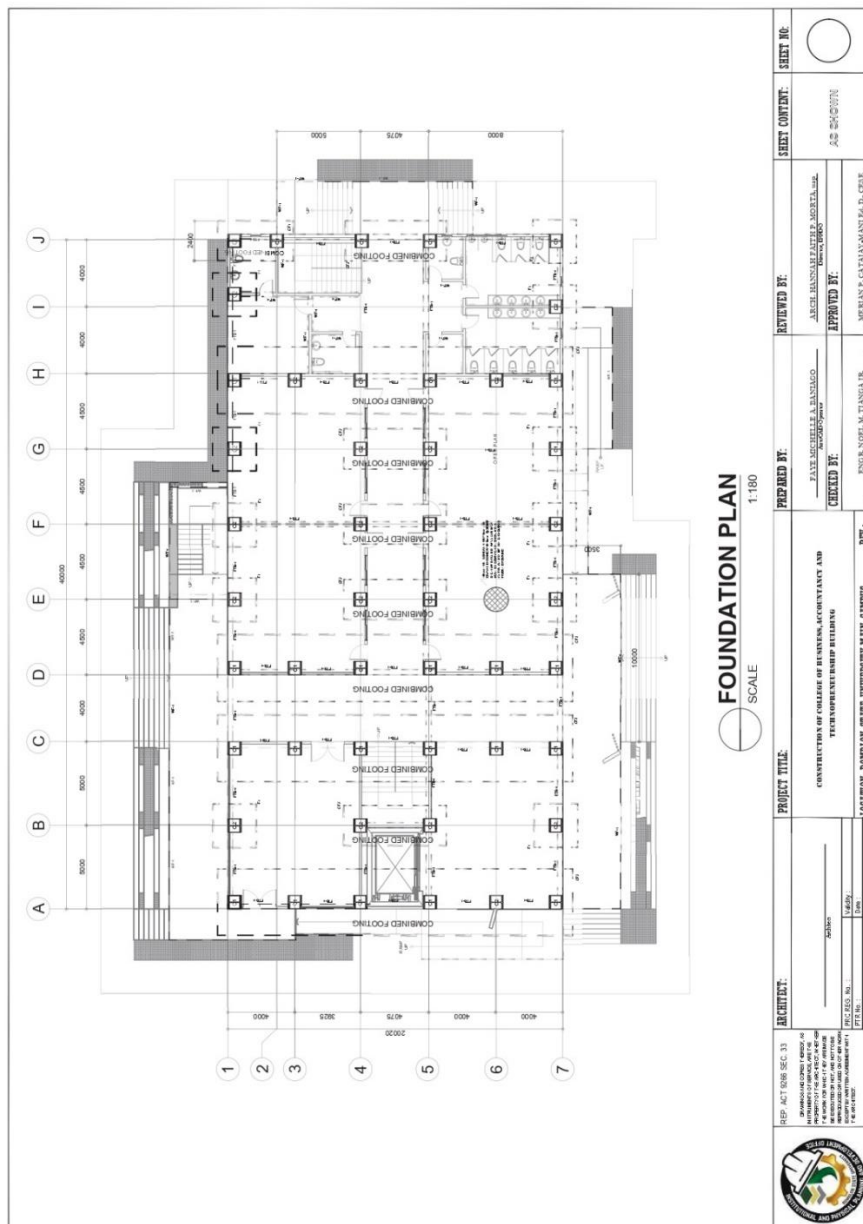
Solicitation No.: RSU-2025-01-004-EPA

- TO** : All Prospective Bidders
- SUBJECT** : Change/Modification of the Structural Plan in all attached/associated documents in the Philippine Bidding Documents (PBDs)
- DATE** : 02 December 2024

This Bid Bulletin is issued to inform all prospective bidders of the change/modification of the Structural Plan in all attached/associated documents in the PBDs. Please take notice of these changes.

EARLY PROCUREMENT OF CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOPRENEURSHIP BUILDING, MAIN CAMPUS – PHASE 2 (ABC: PhP10,000,000.00)

FROM





ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

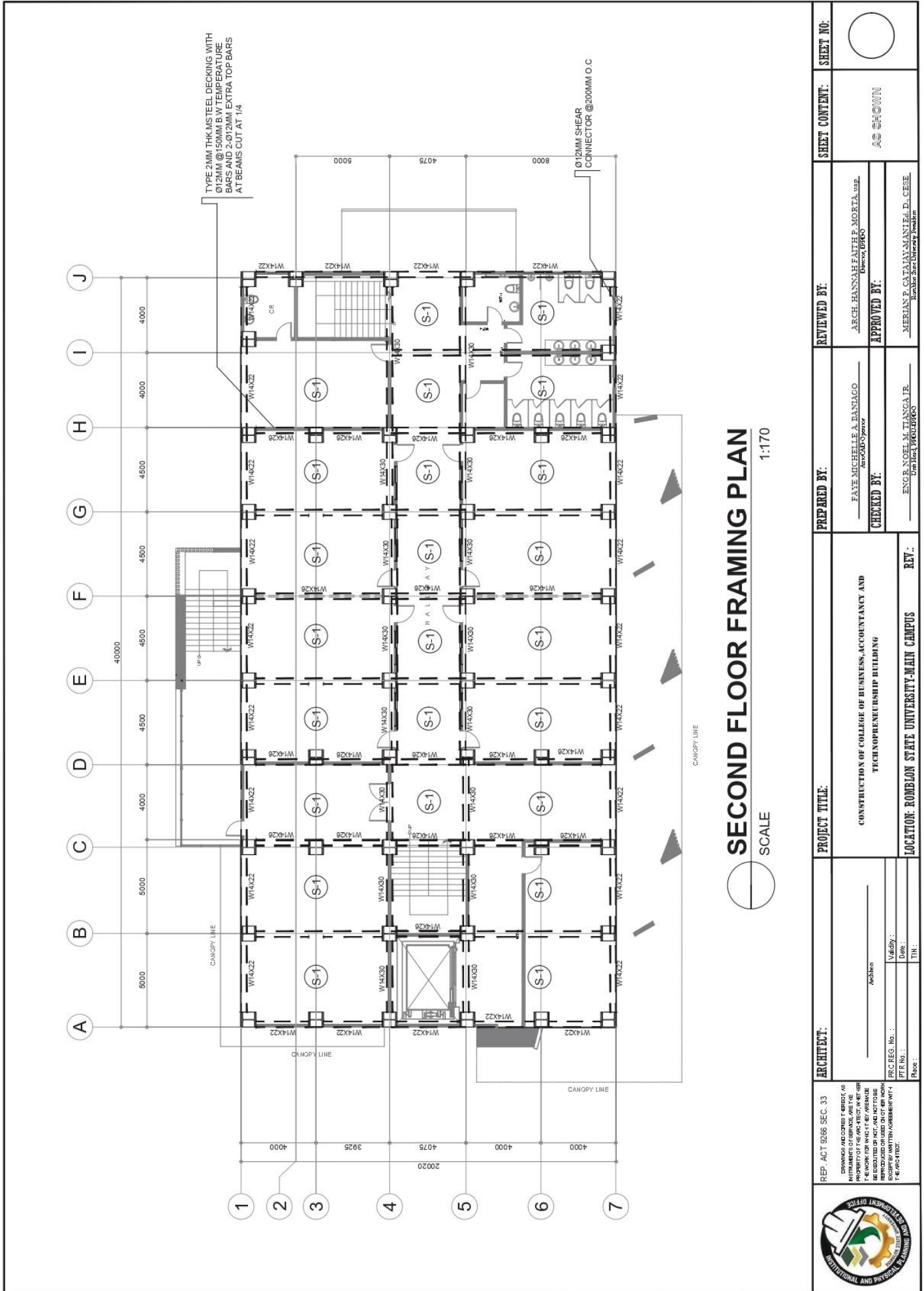
Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 900018803



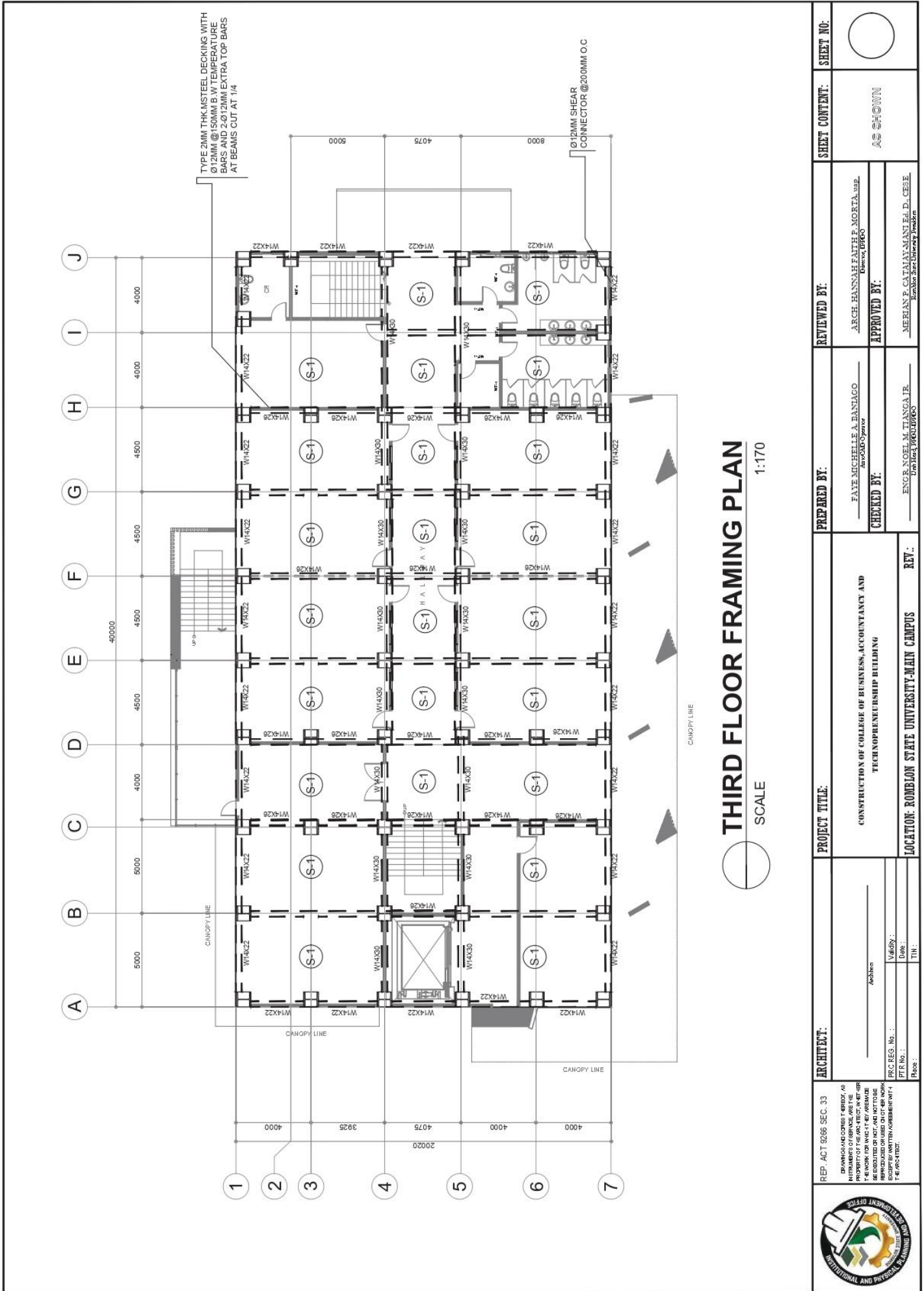


ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015
 www.tuv.com
 ID 900018803





ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 9000018803

TYPE 2MM THK. MSTEEL DECKING WITH Ø12MM @150MM B.W TEMPERATURE BARS AND 2-Ø12MM EXTRA TOP BARS AT BEAMS CUT AT 1/4

Ø12MM SHEAR CONNECTOR @200MM O.C

FOURTH FLOOR FRAMING PLAN

SCALE 1:170

ARCHITECT:	PROJECT TITLE:	PREPARED BY:	REVIEWED BY:	SHEET CONTENT:	SHEET NO.:
REP. ACT 9266 SEC. 33 DRAWINGS AND COPIES TO BE MADE BY ARCHITECT'S OFFICE. NO NUMBER OF SERVICE ARE TO BE MADE BY ARCHITECT'S OFFICE. THE WORK OF ARCHITECT'S OFFICE SHALL BE EXERCISED OR NOT, AND IN HOW TO BE REPRODUCED OR USED ON OTHER WORKS SHALL BE AT ARCHITECT'S RISK AND RESPONSIBILITY.	CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNO-ENTREPRENEURSHIP BUILDING	FAVE MICHELLE A. BANIAGO Architect/Designer	ARCH. HANNAH FAITH P. MORTA, Insp. Designer, EPSCO	AS SHOWN	1
PRC REG. No. : PTF No. : Place :	LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	ENGR. NOEL M. TIANGA JR. Urban/Interior Designer	MERIAN P. CALAYMANI Ed. D., CES E Romblon State University Bookman		
Validity : Date : TH :	REV. :				



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

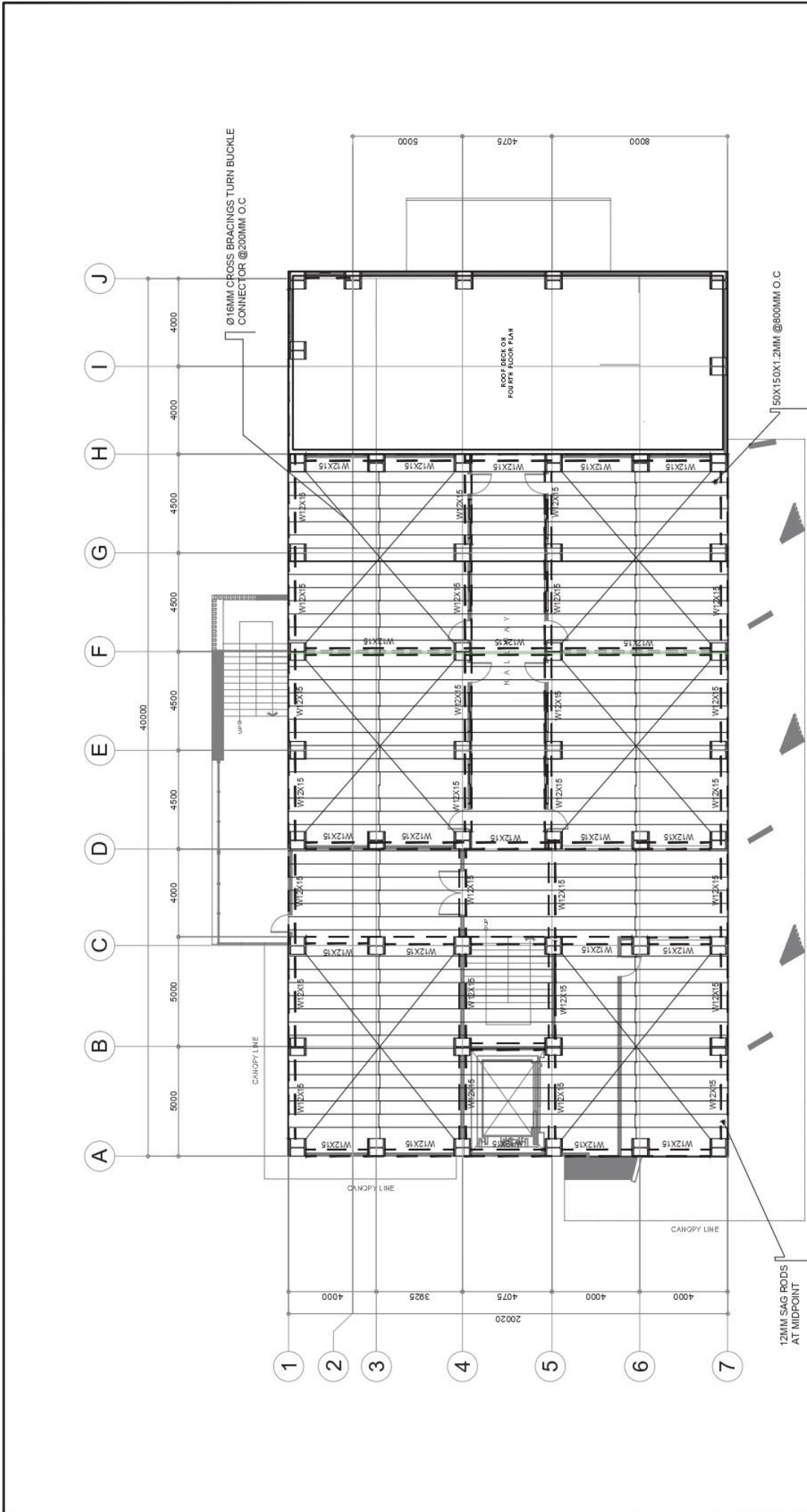
Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 900018803



ROOF BEAM FRAMING PLAN
 SCALE 1:170

ARCHITECT: REP. ACT 9286 SEC. 33 DESIGNING ARCHITECTS & ENGINEERS, INC. 1101 BAYVIEW DRIVE, SUITE 101 PASAYEN CITY, PHILIPPINES TEL: (02) 888-8888 FAX: (02) 888-8888 WWW.AEASPH.COM	PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOPRENEURSHIP BUILDING		PREPARED BY: FAYE MICHELLE A. BANIAGO ARCHITECT	REVIEWED BY: ARGEL HANNAH FAITH P. MORTA, U.S.P. DESIGNER	SHEET CONTENT: AS SHOWN	SHEET NO.:
	ARCHITECT: REP. ACT 9286 SEC. 33 DESIGNING ARCHITECTS & ENGINEERS, INC. 1101 BAYVIEW DRIVE, SUITE 101 PASAYEN CITY, PHILIPPINES TEL: (02) 888-8888 FAX: (02) 888-8888 WWW.AEASPH.COM	LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	REV.:	CHECKED BY: ENGR. NOEL M. TANGA JR. U.P. BAC, PRC/CP/CPRO	APPROVED BY: MERIAN P. CATALAN-MANUEL, D., CESE PRC/CPRO/CPRO/CPRO	

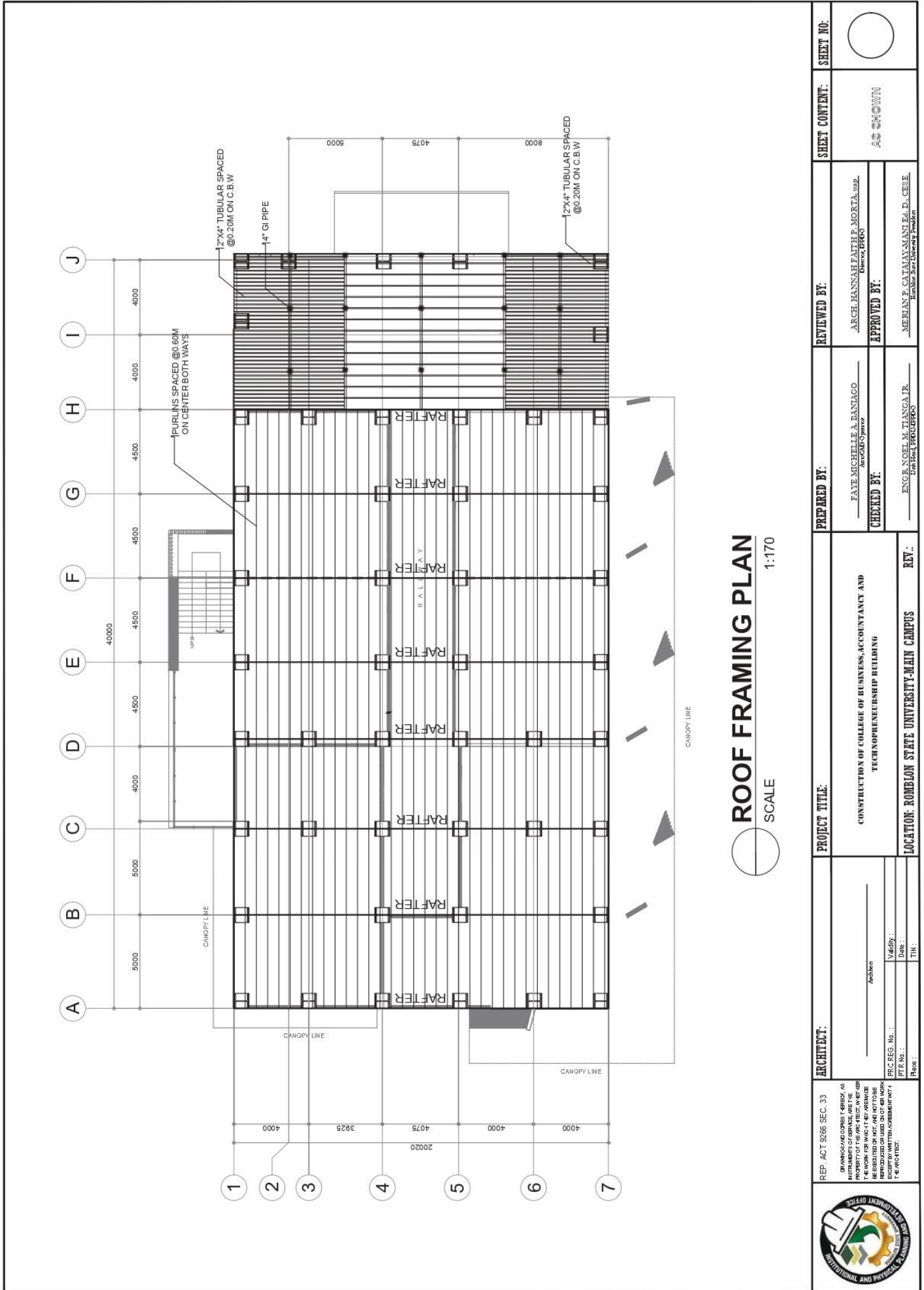


ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
Telephone: (042) 567-5952
Email: bac@rsu.edu.ph
Website: rsu.edu.ph



Management System
ISO 9001:2015
www.tuv.com
ID 9000018803



ROOF FRAMING PLAN
SCALE 1:170

ARCHITECT: <small>REPUBLIC ACT 9266 SEC. 33 DRAWINGS AND COPIES HEREBY PREPARED AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE ARCHITECT. IN THE EVENT OF THE ARCHITECT'S DEATH OR INABILITY TO BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE WRITTEN AGREEMENT OF THE ARCHITECT.</small>	PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOPRENEURSHIP BUILDING	PREPARED BY: FAYE MICHELLE A. BANTIAGO <small>Architect/Designer</small>	REVIEWED BY: ARCH. HANNAH FAITH E. MORTA, LUP <small>Engineer/Inspector</small>	SHEET CONTENT: AS SHOWN	SHEET NO.:
	LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	CHECKED BY: ENGR. NOEL M. TIANGA JR. <small>Engr./Arch./Professional</small>	APPROVED BY: MERIAN P. CATAJAN-MANUEL, D. CESE <small>Romblon State University President</small>	REVISIONS:	
REV.:					



A. DESIGN CRITERIA
1. AMERICAN CONCRETE INSTITUTE (ACI)
2. AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE)
3. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
4. AMERICAN WELDING SOCIETY (AWS)
5. NATIONAL STRUCTURAL CODE OF THE PHILIPPINES (NSCP)
6. INTERNATIONAL STANDARDS ASSOCIATION (ISO)
7. UNIFORM BUILDING CODE (UBC), VOL. 2 1997 EDITION

TABLE-4 LENGTH OF LAP COMPRESSION SPLICES (mm)
BAR SIZE (mm)
GRADE 420 (fy = 270 MPa)
GRADE 500 (fy = 345 MPa)
GRADE 600 (fy = 410 MPa)

B. GENERAL NOTES:
1. IN THE INTERPRETATION OF THESE DRAWINGS, INDICATED DIMENSIONS SHALL GOVERN...
2. THE CONTRACTOR SHALL COORDINATE WITH THE PE, ME, SE, EE, AND OTHER UTILITIES AND EQUIPMENT PLANS...
3. BUT LIMITED TO AND SHALL NOT VIOLATE ON THE REQUIREMENT OF THESE PLANS ON PIPE ALLEVES...

C. NOTES ON CONCRETE MIXES AND PLACING
1. CONCRETE MIXTURE PROPORTIONS SHALL BE AS FOLLOWS:
2. THE MAXIMUM YIELD STRENGTH OF WELDED DEFORMED REINFORCING BARS SHALL BE AS FOLLOWS:
3. THE TENSILE STRENGTH SHALL NOT BE LESS THAN 1.25 TIMES THE ACTUAL YIELD STRENGTH.

D. NOTES ON SLAB-ON-GRADE
1. THE SOIL SURFACE AND FILL LAYERS BELOW ALL SLABS ON GRADE, PAVING AND RTI SLABS SHALL BE...
2. ALL SLAB-ON-GRADE SHALL BE PROVIDED WITH A MINIMUM OF 100MM THK. COMPACTED CLEAN GRAVEL BED...
3. THE MAXIMUM YIELD STRENGTH OF WELDED BARS = 540 MPa...
4. THE TENSILE STRENGTH SHALL NOT BE LESS THAN 1.25 TIMES THE ACTUAL YIELD STRENGTH.

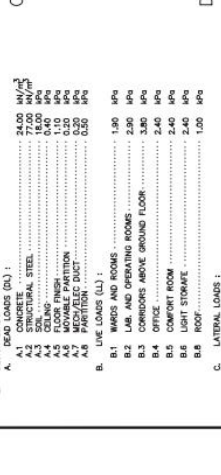
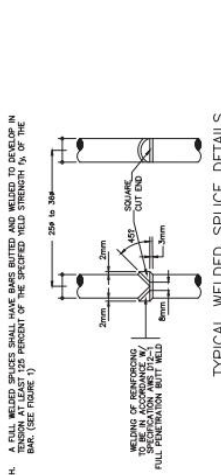


TABLE-5 HOOK SHAPES AT THE END OF REBAR
ANGLE (DEGREES)
180 DEGREES
90 DEGREES (STIRRUPS & TIES)
90 DEGREES
INSTALLATION AND SUPERVISION

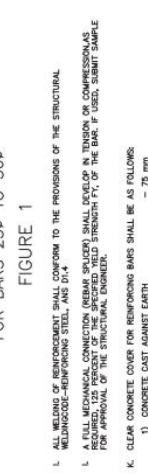


TABLE-6 DEVELOPMENT LENGTH, Ld, IN TENSION
BAR SIZE (mm)
GRADE 420 (fy = 270 MPa)
GRADE 500 (fy = 345 MPa)
GRADE 600 (fy = 410 MPa)

TABLE-7 SPlice LENGTH, Lst, IN TENSION
BAR SIZE (mm)
GRADE 420 (fy = 270 MPa)
GRADE 500 (fy = 345 MPa)
GRADE 600 (fy = 410 MPa)

E. REINFORCING STEEL BARS
1. ALL REINFORCING STEEL BARS SHALL BE NEW BARS, NOT ROLLED, WELDED-TEMPERED BARS CONFORMING TO...
2. THE SPECIFICATIONS OF PS 48-1988 (ASTM A615) WIRING GRADE IS SHOWN IN TABLE 1.

F. NOTES ON FOUNDATION
1. CONTROL JOINTS CAN BE EITHER CONSTRUCTION JOINTS OR WEAKENED PLANE JOINTS.
2. CONSTRUCTION JOINTS SHALL BE DETAIL AS SHOWN IN FIGURE 4.
3. WEAKENED PLANE JOINTS SHALL BE DETAIL AS SHOWN IN FIGURE 4.

G. NOTES ON CONCRETE MIXES AND PLACING
1. CONCRETE MIXTURE PROPORTIONS SHALL BE AS FOLLOWS:
2. THE MAXIMUM YIELD STRENGTH OF WELDED DEFORMED REINFORCING BARS SHALL BE AS FOLLOWS:
3. THE TENSILE STRENGTH SHALL NOT BE LESS THAN 1.25 TIMES THE ACTUAL YIELD STRENGTH.

H. REINFORCING STEEL BARS
1. ALL REINFORCING STEEL BARS SHALL BE NEW BARS, NOT ROLLED, WELDED-TEMPERED BARS CONFORMING TO...
2. THE SPECIFICATIONS OF PS 48-1988 (ASTM A615) WIRING GRADE IS SHOWN IN TABLE 1.

TABLE-8 DEVELOPMENT LENGTH, Ld, IN TENSION
BAR SIZE (mm)
GRADE 420 (fy = 270 MPa)
GRADE 500 (fy = 345 MPa)
GRADE 600 (fy = 410 MPa)

TABLE-9 SPlice LENGTH, Lst, IN TENSION
BAR SIZE (mm)
GRADE 420 (fy = 270 MPa)
GRADE 500 (fy = 345 MPa)
GRADE 600 (fy = 410 MPa)

I. REINFORCING STEEL BARS
1. ALL REINFORCING STEEL BARS SHALL BE NEW BARS, NOT ROLLED, WELDED-TEMPERED BARS CONFORMING TO...
2. THE SPECIFICATIONS OF PS 48-1988 (ASTM A615) WIRING GRADE IS SHOWN IN TABLE 1.

J. REINFORCING STEEL BARS
1. ALL REINFORCING STEEL BARS SHALL BE NEW BARS, NOT ROLLED, WELDED-TEMPERED BARS CONFORMING TO...
2. THE SPECIFICATIONS OF PS 48-1988 (ASTM A615) WIRING GRADE IS SHOWN IN TABLE 1.

REVIEWED BY: ARCH. HANNAH FAITH E. MORETA, USA, Licensed Architect

PREPARED BY: ENGR. NOEL M. TIANGA JR., Licensed Professional Engineer

PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNO-REINFORCEMENT BUILDING

LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS

Architect's stamp and signature area with the text 'ARCHITECT' and 'ROMBLON STATE UNIVERSITY-MAIN CAMPUS'.

Prepared by's stamp and signature area with the text 'PREPARED BY' and 'ROMBLON STATE UNIVERSITY-MAIN CAMPUS'.

Project title and location information area.

Administrative stamp area with fields for 'ARCHITECT', 'PREPARED BY', 'PROJECT TITLE', 'LOCATION', 'REV.' and 'SHEET NO.'.



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



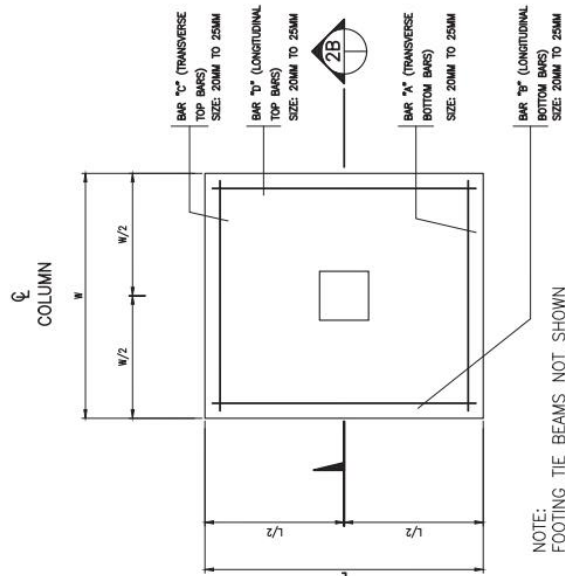
Management System
 ISO 9001:2015



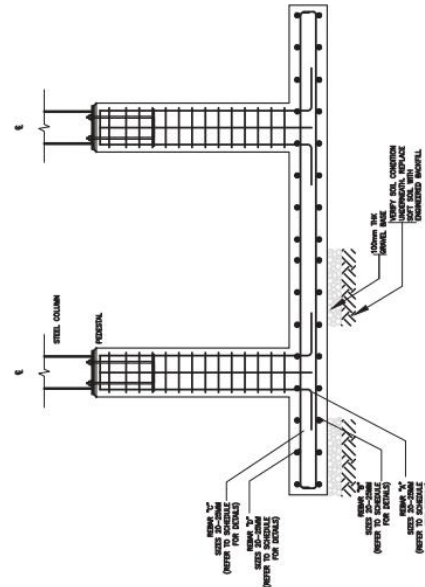
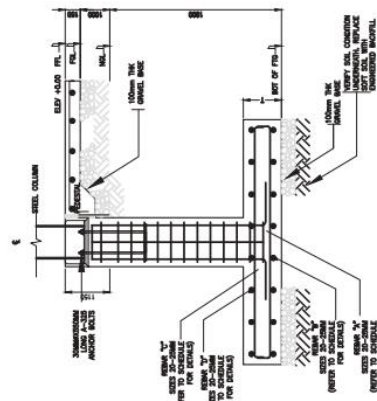
www.tuv.com
 ID 900018803

SCHEDULE OF FOOTINGS

FOOTING DESIG.	DIMENSIONS (mm)			REINFORCEMENT (mm)				REMARKS	
	D DEPTH	L LENGTH	W WIDTH	T THICKNESS	BAR "A"	BAR "B"	BAR "C"		BAR "D"
F1	2500	2600	2600	500	20φ@230	20φ@230	20φ@230	20φ@230	ISOLATED
CF1	2500	4500	2400	500	20φ@230	20φ@230	20φ@230	20φ@230	COMBINED FOOTING
CF2	2500	6150	2400	500	20φ@245	20φ@245	20φ@245	20φ@245	COMBINED FOOTING
CF3	2500	21200	4000	500	20φ@125	20φ@125	20φ@245	20φ@245	COMBINED FOOTING



TYP. FOOTING SECTION
 NO TO SCALE



TYP. COMBINED FOOTING SECTION
 NO TO SCALE

TYP. FOOTING PLAN
 NO TO SCALE

REP. ACT 9206 SEC. 33 DRAWINGS AND COST ESTIMATES AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE ARCHITECT, ENGINEER OR CONSULTANT. NO PART OF THIS WORK FOR WHICH THE ARCHITECT, ENGINEER OR CONSULTANT IS RESPONSIBLE OR USED IN CONNECTION WITH ANY OTHER PROJECT WITHOUT HIS WRITTEN AGREEMENT.	ARCHITECT: DRANKA AND COMPANY ENGINEERING AND PLANNING INSTITUTIONAL AND PHYSICAL PLANNING	PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOPRENEURSHIP BUILDING	PREPARED BY: FAYE MICHELLE A. BANTAGO Assoc. Designer	REVIEWED BY: ARCH. HANNAH FAITH B. MORTA, U.S.P. (Checked) EBCO	SHEET CONTENT: AS SHOWN	SHEET NO.:
	ARCHITECT: Validity: _____ Date: _____ PFR No.: _____ PFR No.: _____ PFR No.: _____ PFR No.: _____ PFR No.: _____	LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	CHECKED BY: ENGR. NOEL M. TIANGA JR. (Checked) EBCO	APPROVED BY: MERLAN P. CATAHAN, M.A., D., C.E.S.E. (Checked) EBCO	APPROVED BY: MERLAN P. CATAHAN, M.A., D., C.E.S.E. (Checked) EBCO	SHEET NO.:



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 9000018803

Top view
172, 159, 356, 150

Bottom view
222, 140, 356, 150

Front view
150, 356

Lateral view
376, 300, 218, 51, 51

Top view
18, 75, 18, 75, 18, 75, 18, 75

18 Below 3/4" size N High Type Concrete STP

TYP. COMPOSITE/BEAM DETAILS
NTS

WIDTH OF STEEL ORDER/BEAM
DEPTH OF STEEL ORDER/BEAM
STEEL ORDER / BEAM (SEE FRAMING PLAN)
PROVIDE WIRE MESH

400, 800, 4-#20, STP 4L-#10, 4-#20

FTB-1

BEAM COLUMN WEB CONNECTION
NO TO SCALE

BEAM NUMBERS	SIZE	BOTTOM REINFORCEMENT			TOP REINFORCEMENT			SHEAR STIRRUPS			SFR	DIAGONAL	REMARKS
		B	D	SPACING	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT			
FTB - 1	400 x 600	4-#20	4-#20	4-#20	4-#20	4-#20	4-#20	4L-#10@120C/C	4-#20	4L-#10@120C/C	-	-	-

SCHEDULE OF BEAMS
(C28-Fy414)

ARCHITECT:	PROJECT TITLE:	PREPARED BY:	REVIEWED BY:	SHEET CONTENT:	SHEET NO.:
REP. ACT 9266 SEC. 33 DRAWINGS AND COPIES HEREBY ARE PROPERTY OF THE ARCHITECT. IN THE EVENT OF A DISPUTE, THE ARCHITECT'S ORIGINAL DRAWINGS SHALL BE CONSULTED AND NOT REPRODUCED OR USED IN ANY MANNER WITHOUT THE ARCHITECT'S WRITTEN CONSENT.	CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOPRENEURSHIP BUILDING	FAYE MICHELLE A. BANTIAGO Assistant Engineer	ARGEL HANNAH FAITH P. MORTA, JR. Engineer, EPRRO	AS SHOWN	
PRC REG. No. : PTR No. : Phase :	LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	ENGR. NOEL M. TIANGA JR. Engr. In-Ch. EPRRO	MERLIAN P. CATAJAN-MANIELO, D. CESE Romblon State University President		



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph

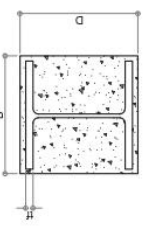
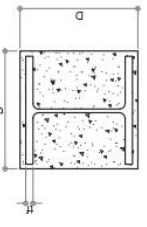
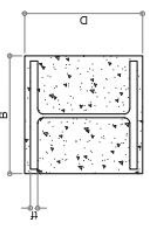
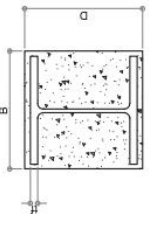


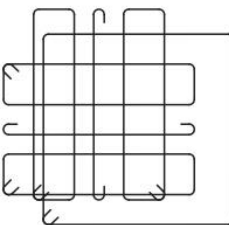
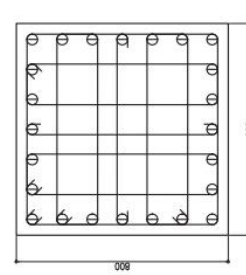
Management System
 ISO 9001:2015



www.tuv.com
 ID 9000018803

SCHEDULE OF STEEL COLUMNS

LOCATION	C - 1	C - 2																
FOUNDATION TO SECOND	 W14X43 <table border="1"> <tr><th>D (in)</th><th>B (in)</th><th>tf (in)</th><th>tw (in)</th></tr> <tr><td>13.9</td><td>9.99</td><td>0.645</td><td>0.375</td></tr> </table>	D (in)	B (in)	tf (in)	tw (in)	13.9	9.99	0.645	0.375	 W14X48 <table border="1"> <tr><th>D (in)</th><th>B (in)</th><th>tf (in)</th><th>tw (in)</th></tr> <tr><td>13.8</td><td>8.03</td><td>0.595</td><td>0.34</td></tr> </table>	D (in)	B (in)	tf (in)	tw (in)	13.8	8.03	0.595	0.34
	D (in)	B (in)	tf (in)	tw (in)														
13.9	9.99	0.645	0.375															
D (in)	B (in)	tf (in)	tw (in)															
13.8	8.03	0.595	0.34															
SECOND TO ROOF	 W14X43 <table border="1"> <tr><th>D (in)</th><th>B (in)</th><th>tf (in)</th><th>tw (in)</th></tr> <tr><td>13.8</td><td>8.03</td><td>0.595</td><td>0.34</td></tr> </table>	D (in)	B (in)	tf (in)	tw (in)	13.8	8.03	0.595	0.34	 W14X48 <table border="1"> <tr><th>D (in)</th><th>B (in)</th><th>tf (in)</th><th>tw (in)</th></tr> <tr><td>14</td><td>6.75</td><td>0.455</td><td>0.285</td></tr> </table>	D (in)	B (in)	tf (in)	tw (in)	14	6.75	0.455	0.285
D (in)	B (in)	tf (in)	tw (in)															
13.8	8.03	0.595	0.34															
D (in)	B (in)	tf (in)	tw (in)															
14	6.75	0.455	0.285															


C28 : Fy414 , COVER = 40MM CONFINING ZONE = FULL HEIGHT 	Z1 MAIN LINK	Z1 OTHERS	Z2 LINKS
	#10 @ 100	#10 @ 100	---
0M TO 1.8M	 24-#20 C1 - C2 Ø #20		
COLUMN MARKED			

COLUMN AND WALL SCHEDULE

(SCALE 1:25)

NOTES:

- BE = BOUNDARY ELEMENT AS PER ACI 318. PROVIDE CONFINING REINFORCEMENT ACROSS ENTIRE HEIGHT OF WALL IN THE BOUNDARY ELEMENT
- Z1 = SPECIAL CONFINING ZONE AS PER ACI 318, Z2 = REMAINING ZONES AS PER ACI 318

REP. ACT 9206 SEC. 33 <small> DRAWINGS AND OTHER MATERIALS HEREON ARE THE PROPERTY OF THE ARCHITECT. WHEN REPRODUCED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN AGREEMENT OF THE ARCHITECT, THE USER ASSUMES ALL LIABILITY. </small>	ARCHITECT: _____ PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOPRENEURSHIP BUILDING LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	PREPARED BY: FAYE MICHELLE A. BANTAGO CHECKED BY: ENGR. NOEL M. TIANGA JR. REVIEWED BY: ARCH. HANNAH FAITH B. MORTA, UAP APPROVED BY: MERIAN P. CATAHAN-ANITIA, D., C.E.S.E.	SHEET CONTENT: AS SHOWN	SHEET NO.: 
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------	---------------------------------------------------------------------------------------------------





ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

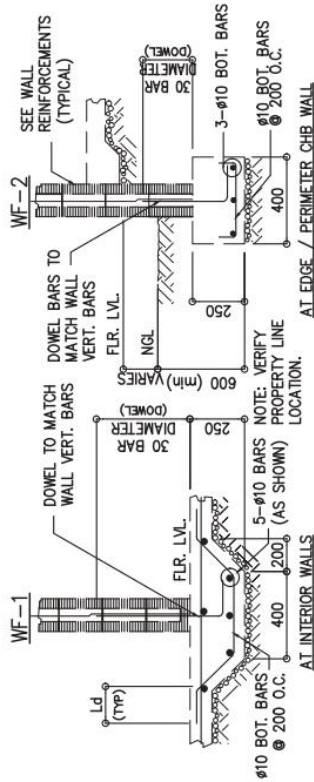
Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



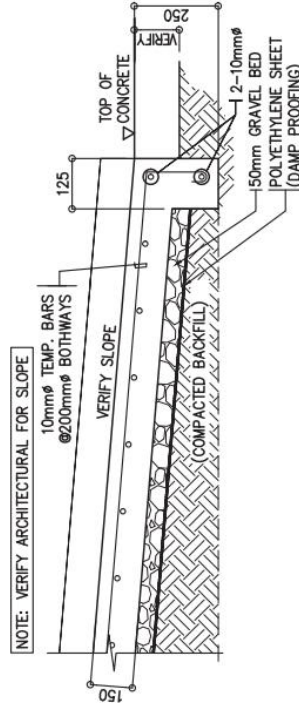
Management System
 ISO 9001:2015



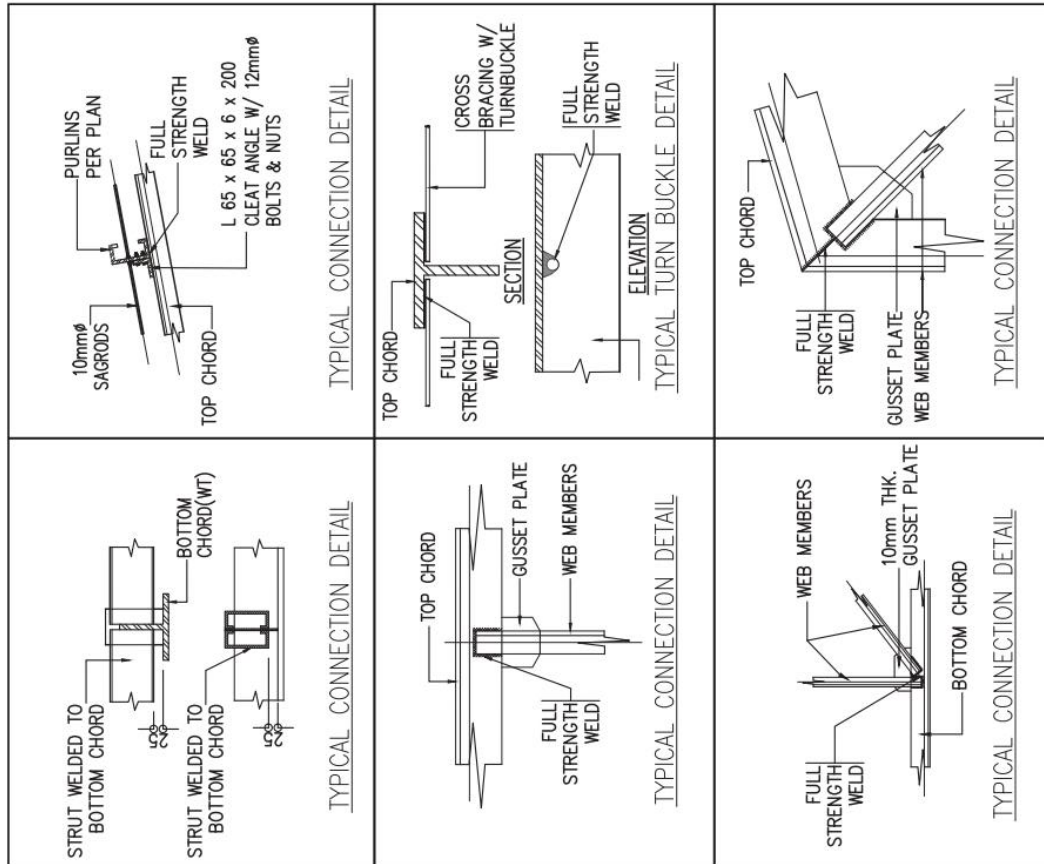
www.tuv.com
 ID 900018803



WALL FOOTING DETAILS
 NTS



RAMP DETAILS
 NTS



TYP. CONNECTION DETAILS
 NTS

ARCHITECT: REP. ACT 92066 SEC. 33 <small>DRAWINGS AND CORRECT. CHECKED, AS AUTHORIZED BY ARCHITECT, FOR THE USE OF THE WORK. FOR WHOSE REVIEW AND APPROVAL BE OBTAINED OR NOT, AND NOT TO BE REPRODUCED OR USED IN OTHER WORK WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.</small>	PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOENTREPRENEURSHIP BUILDING	PREPARED BY: FAYE MICHELLE A. BANIAGO <small>Architect/Designer</small>	REVIEWED BY: ARCH. HANNAH FAITH P. MORTA, IAP <small>Engineer/Engineer</small>	SHEET CONTENT: AS SHOWN	SHEET NO.:
	LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	CHECKED BY: ENGR. NOEL M. TIANGA, JR. <small>Structural Engineer</small>	APPROVED BY: MERIAN P. CATAJAY-MANI, E.D., C.E.E. <small>Senior Structural Engineer</small>		
ARCHITECT: REP. ACT 92066 SEC. 33 <small>DRAWINGS AND CORRECT. CHECKED, AS AUTHORIZED BY ARCHITECT, FOR THE USE OF THE WORK. FOR WHOSE REVIEW AND APPROVAL BE OBTAINED OR NOT, AND NOT TO BE REPRODUCED OR USED IN OTHER WORK WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.</small>	VALIDITY: 365 days DATE: 11/11/2023 TH:				



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

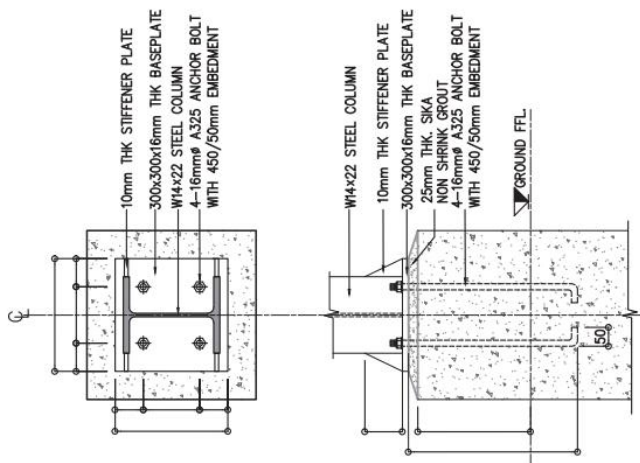
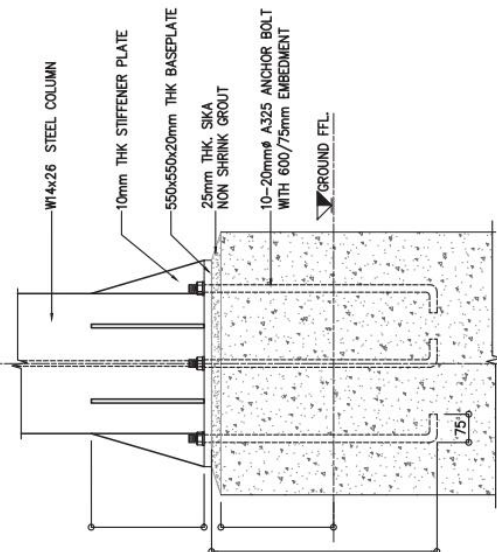
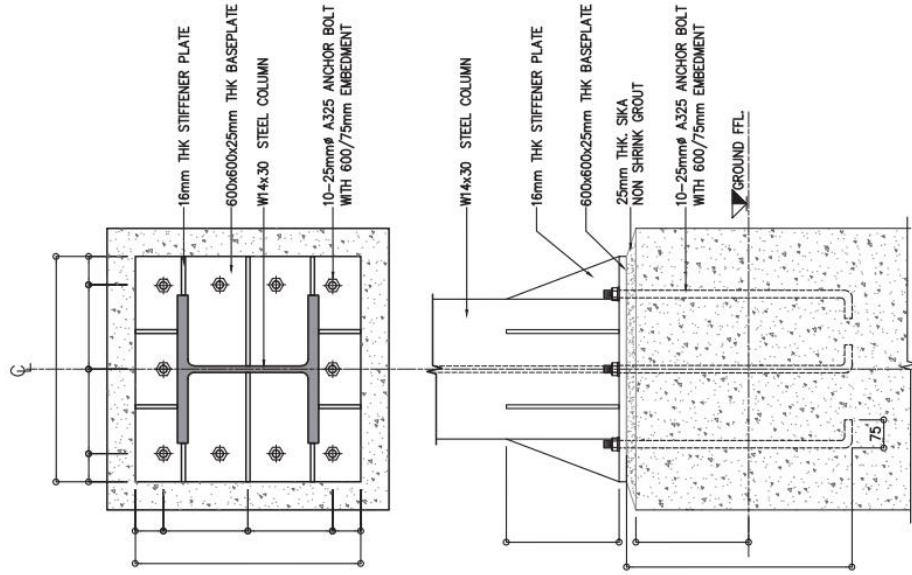
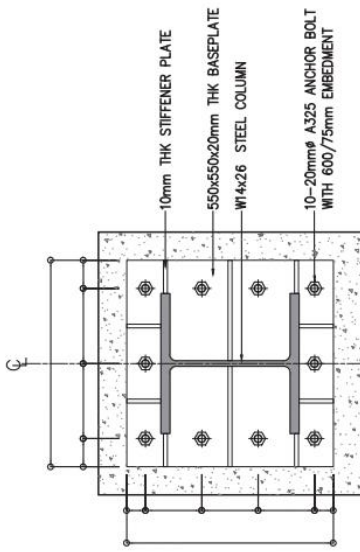
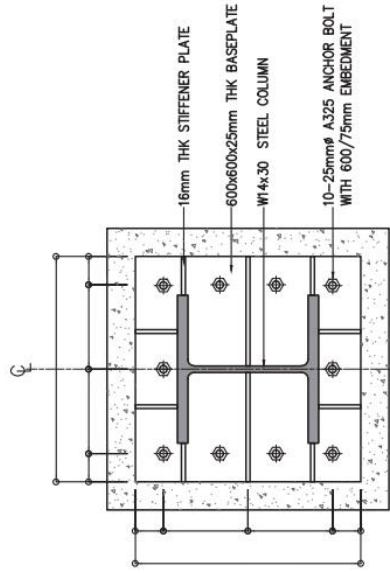
Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
Telephone: (042) 567-5952
Email: bac@rsu.edu.ph
Website: rsu.edu.ph



Management System
ISO 9001:2015



www.tuv.com
ID 900018803



BP-1
CONNECTION DETAILS
NTS

BP-2
CONNECTION DETAILS
NTS

BP-3
CONNECTION DETAILS
NTS

	ARCHITECT:	PROJECT TITLE:	PREPARED BY:	REVIEWED BY:	SHEET CONTENT:	SHEET NO.:
	REP. ACT 9266 SEC. 33 DRAWINGS AND COPIES THEREOF AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE ARCHITECT. IN RETURN FOR WORK FOR WHICH FEE OR SERVICE IS RECEIVED, THE ARCHITECT AGREES TO REPRODUCE OR ALLOW TO BE REPRODUCED OR USED IN CONNECTION WITH THE PROJECT. FTR No. : Date : Validity : Place :	CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOENTREURSHIP BUILDING	FAYE MICHELLE A. BANTAGO Architect	ENGR. NOEL M. TIANGAIR Engr. Lic. 196018960	ARCH. HANNAH FAITH E. MORETA, M.Sc. Engr. Lic. 196018960	AS SHOWN
	INSTITUTIONAL AND REGIONAL DEVELOPMENT OFFICE ROMBLON STATE UNIVERSITY - MAIN CAMPUS	LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	CHECKED BY: ENGR. NOEL M. TIANGAIR Engr. Lic. 196018960	APPROVED BY: MERIAN P. CATAHAN-MANUEL, D., CESE Romblon State University President		



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

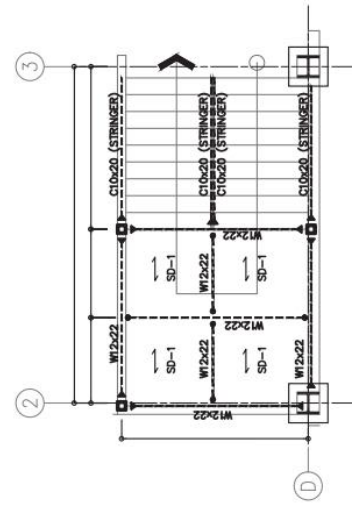
Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
Telephone: (042) 567-5952
Email: bac@rsu.edu.ph
Website: rsu.edu.ph



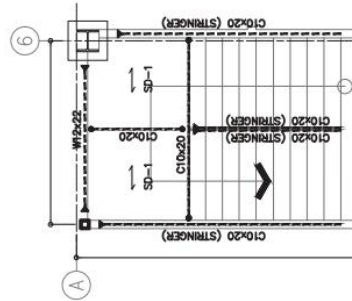
Management System
ISO 9001:2015



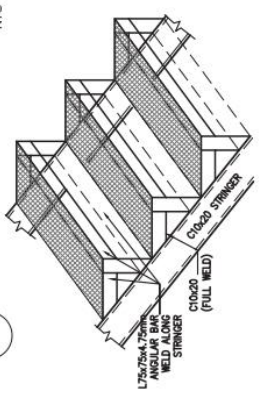
www.tuv.com
ID 9000018803



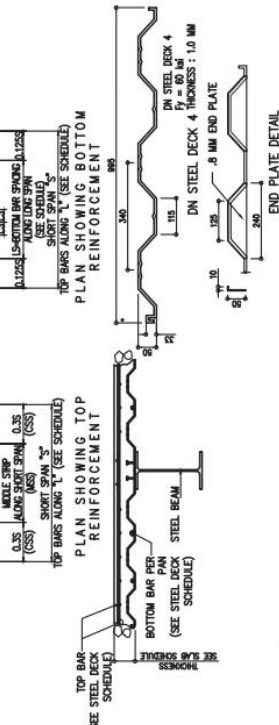
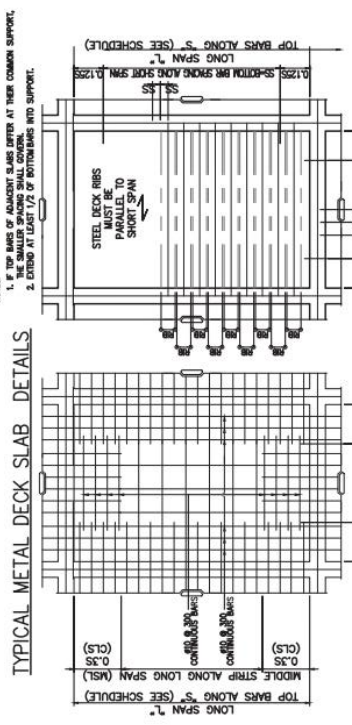
STAIR PLAN VIEW DETAILS
NTS



STAIR PLAN VIEW DETAILS
NTS



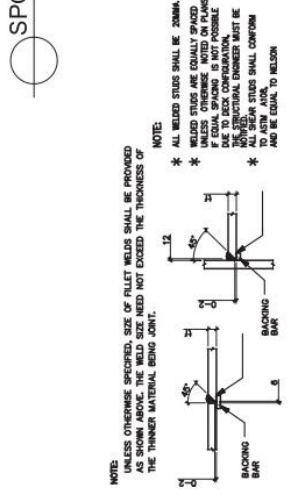
SPOT DETAILS
NTS



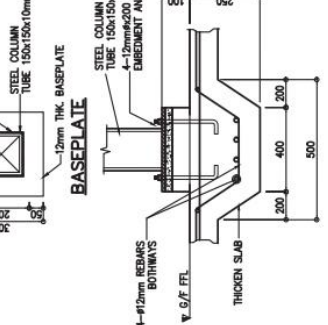
NAME	TOTAL THK	CONTINUOUS TOP BARS	ADDITIONAL TOP BARS	BOT BARS PER SPAN	REMARKS
SD-1	125	ø10mm @ 200mm	ø10mm PER SPAN (2.22)	1-ø10mm PER CONTINUOUS	TYPICAL

STEEL DECK DETAILS
NTS

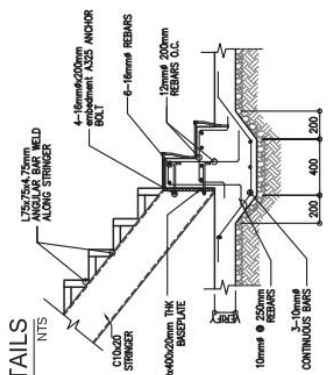
PLATE THICKNESS (MM)	FILLET WELD TABLE		SCALLOP NOTCH (MM)
	WELD SIZE, S (MM)	R	
LESS THAN 6	5 = 1	5 = 1	25
6 TO 8	5 = 1	4	25
9 TO 11	6	6	25
12 TO 15	9	9	35
16 TO 18	9	9	35
18 OR OVER	12	12	35



WELD TABLE
NTS



SPOT DETAILS
NTS



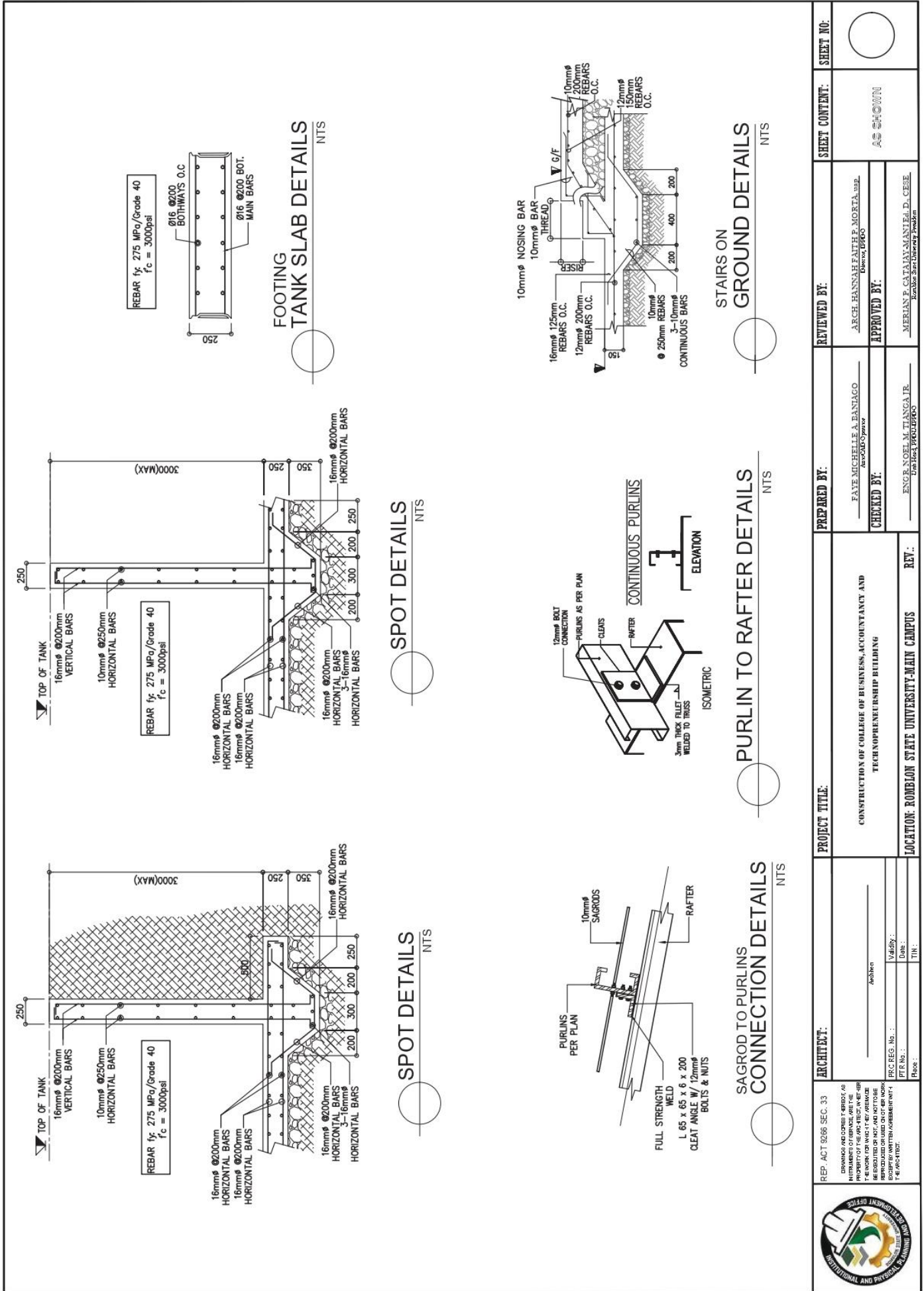
SPOT DETAILS
NTS

STAIR COLUMN TO CONCRETE CONNECTION DETAILS
NTS

NOTES:
1. TOP BARS OF ANCHORS SHALL ENTER AT THEIR COMMON SUPPORT.
2. ANCHORS SHALL BE WELDED TO THE BOTTOM BARS INTO SUPPORT.
3. TOP BARS ALONG LONG SPAN SHALL BE WELDED TO THE BOTTOM BARS INTO SUPPORT.

NOTE:
UNLESS OTHERWISE SPECIFIED, SIZE OF FILLET WELDS SHALL BE PROVIDED AS SHOWN ABOVE. THE WELD SIZE NEED NOT EXCEED THE THICKNESS OF THE THINNER MATERIAL BEING JOINT.
* ALL WELDED STUDS SHALL BE 20MM.
* WELDED STUDS ARE EQUALLY SPACED UNLESS OTHERWISE NOTED ON PLANS.
* WELDED STUDS ARE TO BE PROVIDED AS SHOWN ABOVE. THE WELD SIZE NEED NOT EXCEED THE THICKNESS OF THE THINNER MATERIAL BEING JOINT.
* ALL SHEAR STUDS SHALL CONFORM AND BE EQUAL TO WELSON.

<p>REVIEWED BY: ARCH. HANNAH FAITH P. MORTA, IAP, ECE, UPLD</p> <p>APPROVED BY: MERIAN P. CATAJAN, MANIEGAL D. CESE, UPLD</p>	<p>PREPARED BY: FAYE MICHELLE A. BANIAGO, ABS/UCD Operator</p> <p>CHECKED BY: ENGR. NOEL M. TIANGA JR., UPLD/BSCE/PRO/UPRPO</p>	<p>PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOPRENEURSHIP BUILDING</p> <p>LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS</p>	<p>SHEET NO. 1</p> <p>AS SHOWN</p>
<p>ARCHITECT: [Signature]</p>	<p>ARCHITECT: [Signature]</p>	<p>ARCHITECT: [Signature]</p>	<p>ARCHITECT: [Signature]</p>
<p>REP. ACT 9206 SEC. 33</p> <p>DRAWINGS ARE CORRECT, EXCEPT AS NOTED OTHERWISE. THE ARCHITECT ASSUMES RESPONSIBILITY FOR THE WORK OR WHO THEY REMEDIATE. REPRODUCTION OR USE OF THESE DRAWINGS WITHOUT THE ARCHITECT'S CONSENT IS PROHIBITED.</p>	<p>Validity: [Signature]</p> <p>Date: [Date]</p> <p>Place: [Place]</p>	<p>REVISIONS:</p>	<p>REVISIONS:</p>



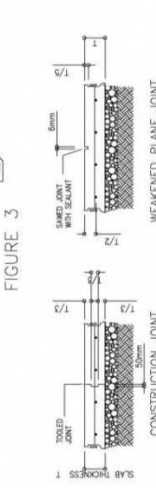
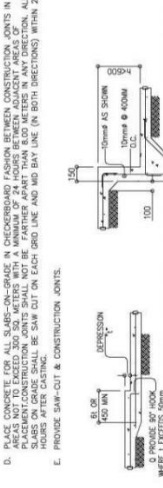


TO

A. EVERY REBAR INTERSECTION SHALL BE TIED WITH STEEL WIRE.
B. TO RETAIN THE DISTANCE BETWEEN REBARS, USE SPACER REBARS.
C. DISTANCE BETWEEN REBARS SHALL BE THE GREATER OF:
1. 40mm OR 40% OF SLAB THICKNESS
2. 25mm FOR OTHERS

D. MINIMUM DISTANCE BETWEEN REBAR IN WALLS AND SLAB SHALL BE 25mm. MINIMUM DISTANCE BETWEEN REBAR IN WALLS SHALL REFER TO RSP-2001.

E. NOTES ON SLAB-ON-GRADE
A. MECHANICALLY COMPACTED 4 LAYERS TO A MINIMUM OF 50 PERCENT OF THE ADJUSTED PROCTOR DENSITY PER ASTM D1557.
B. ALL SLAB-ON-GRADE SHALL BE PROVIDED WITH A MINIMUM OF 100MM THK. COMPACTED CLEAN COURSE GRAVEL LEVEE.
C. MINIMUM YIELD STRENGTH OF REBAR BARS = 548 MPa.
D. THE TENSILE STRENGTH SHALL NOT BE LESS THAN 1.25 TIMES THE ACTUAL YIELD STRENGTH.
E. UNLESS OTHERWISE NOTED, ALL BEDDED SLABS SHALL BE REINFORCED WITH 10MM BARS AT 250MM O.C. FAIRWAY AT THE CENTER OF SLAB.
F. PLACE CONCRETE FOR ALL SLAB-ON-GRADE IN CHECKERBOARD FASHION BETWEEN CONSTRUCTION JOINTS IN PLACEMENT CONSTRUCTION JOINTS SHALL NOT BE FARTHER THAN 6.0M METERS IN ANY DIRECTION. ALL JOINTS SHALL BE SAW CUT ON EACH SIDE AND NO BAY LINE (IN BOTH DIRECTIONS) WITHIN 24 HOURS AFTER CASTING.
G. PROVIDE SAW-CUT & CONSTRUCTION JOINTS.



F. NOTES ON FOUNDATION
A. REBAR SHALL BE CAST IN PLACE WITH A MINIMUM COVER OF 25MM FROM THE NATURAL GRADE LINE, AS REFERRED TO THE UNDER THE STRUCTURAL ENGINEER-OF-RECORD, UPON THE COMPLETION OF THE FOUNDATION WORK. REBAR SHALL NOT BE PLACED FROM THE FOUNDATION TO THE SUPERSTRUCTURE. THE CONSTRUCTION JOINTS SHALL NOT BE ALLOWED WITHOUT FIRST OBTAINING THE APPROVAL OF THE STRUCTURAL ENGINEER-OF-RECORD.
B. FOUNDATIONS ARE DESIGNED BASED ON GEOTECHNICAL EVALUATION REPORT BY THE GEOTECHNICAL ENGINEER. CONTRACTOR SHALL REPORT TO ENGINEER ON RECORD THE ACTUAL SOIL CAPACITY PRIOR TO CONSTRUCTION.
C. STRUCTURAL COLUMN WILL REST ON SPREAD FOOTING REFER TO FOOTING SCHEDULE.
D. PROVIDE TEMPORARY REMOVAL OF WATER FROM ANY SOURCE DURING CONSTRUCTION.
E. CONTRACTOR SHALL DESIGN, INSTALL AND MONITOR EXHAUSTION RETENTION SYSTEMS AS REQUIRED FOR MINIMIZE SETTLEMENT AND PREVENT DAMAGE TO ADJACENT EXISTING OR NEW CONSTRUCTION.
F. PREPARE CONDITIONS OF CONCRETE SUPPLY AND PLACEMENT OF THE COMPLETE FOUNDATION FOR THE FULL FOUNDATION.
G. ALL REBAR SHALL BE PLACED ACCORDING TO THE REINFORCEMENT DETAILS. GROUND FLOOR SLABS HAVE BEEN PLACED AND THE CONCRETE HAS ATTAINED THE REQUIRED STRENGTH.
H. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL ELEVATOR DETAILS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL ELEVATOR DETAILS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL ELEVATOR DETAILS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL ELEVATOR DETAILS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL ELEVATOR DETAILS.
I. SEE TYPICAL DETAIL OF LIMITING SLOPE OF ADJACENT FOOTINGS AT DIFFERENT ELEVATION (REFER TO FIGURE 5)

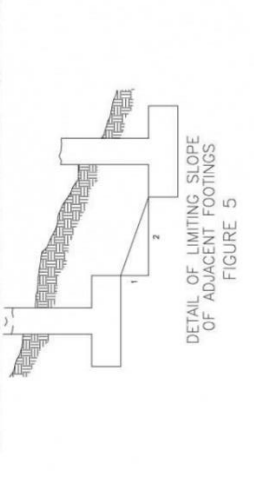
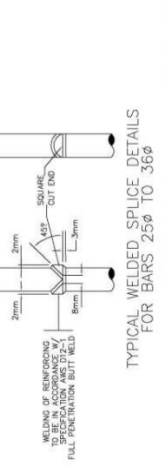


TABLE-4
LENGTH OF LAP COMPRESSION SPICES (mm)

BAR SIZE (mm)	Fe = (0.0030)σ _{yk}	Fe = (0.0025)σ _{yk}	Fe = (0.0020)σ _{yk}
16	300	300	300
20	600	600	600
25	750	750	750
32	900	900	900
36	1050	1050	1050



L. REINFORCEMENT
A) HOOKS SHALL BE USED IN REBAR AT ALL ENDS OF TENSION REBAR AND CANTILEVER BEAMS.
B) REBAR HOOKS MUST BE CONSTRUCTED USING COLD METHOD.
C) HOOK SHAPES MUST BE ADDED TO SCHEDULE 5.

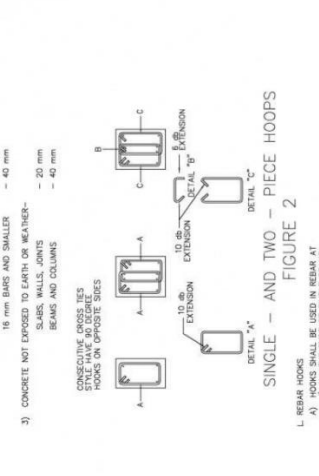


TABLE-5
HOOK SHAPES AT THE END OF REBAR.

ANGLE	SHAPE	STEEL #	# OF HOOK (L)	REBAR END LENGTH (L) (mm)	% OF BAR DIAMETER
180 DEGREES	[Diagram]	625	64	400	40
135 DEGREES (STIRRUPS & TIES)	[Diagram]	616	44	275 AND 532	64 OR 52
90 DEGREES	[Diagram]	625	64	416 AND 425	64
		625	64	325 AND 432	64

B. GENERAL NOTES:
A. IN THE INTERPRETATION OF THESE DRAWINGS, INDICATED DIMENSIONS SHALL GOVERN AND DIMENSIONS OR SIZES SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES.
B. FOR THE EXACT SIZE, NUMBER AND LOCATION OF ALL SIZES OF EXISTING TIE FLOOR SLABS, SEE BEAMS AND WALLS AND ALSO BUILDING DIMENSIONS.
C. ALL REINFORCED CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE 402-318-05 BUILDING CODE, AND ALL STRUCTURAL STEEL WORK SHALL BE DONE IN ACCORDANCE WITH THE 402-318-05 BUILDING CODE.
D. ALL REINFORCED CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE 402-318-05 BUILDING CODE.
E. ALL SLABS, BEAMS, GIRDERS AND OTHER STRUCTURAL ELEMENTS WHICH ARE NOT INDICATED, DETAIL, OR OTHERWISE SPECIFIED SHALL BE DONE IN ACCORDANCE WITH THE 402-318-05 BUILDING CODE.
F. WITH THE INTENT OF THE PLANS AND SPECIFICATIONS SHALL BE BROUGHT UP DURING PRE-CONSTRUCTION MEETING AND ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 402-318-05 BUILDING CODE.
G. IT IS UNDERSTOOD THAT THE CONTRACTOR SHALL PROVIDE AND INCLUDE ALL THESE ITEMS IN THEIR BID.

C. NOTES ON CONCRETE MIXES AND PLACING
A. UNLESS OTHERWISE NOTED IN PLANS OR NOTES IN THE SPECIFICATIONS THE MINIMUM 28-DAYS COMPRESSIVE STRENGTH OF CONCRETE (f_c) SHALL BE AS FOLLOWS:
1. FOUNDATION, SIP, SYSTEM TANK: f_c = 3000 PSI
2. COLUMNS, BEAMS, GIRDERS AND SUSPENDED SLAB, RC WALL: f_c = 3000 PSI
3. SLAB ON GRADE: f_c = 3000 PSI
4. RETAINING WALL: f_c = 3000 PSI
B. CONCRETE SHALL BE DEPOSITED IN ITS FINAL POSITION WITHOUT SEGREGATION, RE-HANDLING OR FLOWING. CONCRETE SHALL BE TRANSPORTED TO THE POINT OF PLACEMENT IN SUCH A MANNER AS TO PREVENT SEGREGATION. CONCRETE SHALL BE PLACED WITHIN THE USE OF VIBRATORS UNLESS OTHERWISE NOTED BY THE STRUCTURAL ENGINEER AND ONLY FOR UNUSUAL CONDITIONS WHERE VIBRATION IS EXTREMELY DIFFICULT TO ACCOMPLISH.

TABLE-1
BAR DIAMETER

GRADE	GRADE 275 (F _y = 40 ksi)	GRADE 275 (F _y = 40 ksi)	GRADE 275 (F _y = 40 ksi)
	SHANK & BELLY	SHANK & BELLY	SHANK & BELLY

D. NOTES ON REINFORCING STEEL BARS
A. ALL REINFORCING STEEL BARS SHALL BE NEW BARS (ASTM A615) WHOSE GRADE IS SHOWN ON TABLE 1. THE SPECIFICATIONS OF PINS 49, 1986 (ASTM A615) WHOSE GRADE IS SHOWN ON TABLE 1.
B. THE SUPPLEMENTARY REQUIREMENTS OF WELDED DEFORMED REINFORCING BARS SHALL BE AS FOLLOWS:
1. THE MAXIMUM YIELD STRENGTH OF WELDEABLE BARS = 540 MPa.
2. THE TENSILE STRENGTH SHALL NOT BE LESS THAN 1.25 TIMES THE ACTUAL YIELD STRENGTH.
C. ALL REINFORCING STEEL BARS SHALL BE WITH EVIDENTLY WELDED REINFORCING BARS AND WELDS SHALL BE DONE IN ACCORDANCE WITH THE 402-318-05 BUILDING CODE AND THE MANUAL OF STANDARD PRACTICE FOR REINFORCING STEEL BARS AND WELDS.
D. ALL REINFORCING BARS SHALL BE CLEANED THOROUGHLY OF ALL LOOSE RUST, SOIL OR OTHER MATERIAL IMMEDIATELY PRIOR TO PLACING CONCRETE.
E. THE REQUIRED LENGTH OF LAP FOR TENSION SPICES IS BASED ON THE DEVELOPMENT LENGTH, L_d, SHOWN IN TABLE 2 AND TABLE 3 FOR RC BEAMS AND GIRDERS, RESPECTIVELY AND ON THE FOLLOWING CLASSIFICATIONS:
1. TENSION SPICE CLASS A
2. TENSION SPICE CLASS B
3. TENSION SPICE CLASS C
4. TENSION SPICE CLASS D
5. TENSION SPICE CLASS E

TABLE-2
DEVELOPMENT LENGTH, L_d, in TENSION

BAR SIZE (mm)	f _c = 20.7 MPa (3000 PSI)	f _c = 27.6 MPa (4000 PSI)	f _c = 34.5 MPa (5000 PSI)	f _c = 41.4 MPa (6000 PSI)	f _c = 48.3 MPa (7000 PSI)	f _c = 55.2 MPa (8000 PSI)
10#	108	120	132	144	156	168
12#	129	144	159	174	189	204
14#	151	168	186	204	222	240
16#	168	186	204	222	240	258
18#	186	204	222	240	258	276
20#	204	222	240	258	276	294
22#	222	240	258	276	294	312
24#	240	258	276	294	312	330
28#	288	312	336	360	384	408
32#	336	360	384	408	432	456
36#	384	408	432	456	480	504

TABLE-3
SPICE LENGTH, L_s, in TENSION

BAR SIZE (mm)	f _c = 20.7 MPa (3000 PSI)	f _c = 27.6 MPa (4000 PSI)	f _c = 34.5 MPa (5000 PSI)	f _c = 41.4 MPa (6000 PSI)	f _c = 48.3 MPa (7000 PSI)	f _c = 55.2 MPa (8000 PSI)
10#	200	225	250	275	300	325
12#	240	270	300	330	360	390
14#	280	320	360	400	440	480
16#	320	360	400	440	480	520
18#	360	400	440	480	520	560
20#	400	440	480	520	560	600
22#	440	480	520	560	600	640
24#	480	520	560	600	640	680
28#	560	600	640	680	720	760
32#	640	680	720	760	800	840
36#	720	760	800	840	880	920

A. DESIGN CRITERIA
1. DESIGN REFERENCES
A. 1. 3000 PSI (20.7 MPa) MINIMUM DESIGN STRENGTH FOR STRUCTURAL CONCRETE, ACI 308-3R-08 (ACI BUILDING CODES REQUIREMENTS)
B. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) PUBLICATION ACI 308-3R-08 (ACI BUILDING CODES REQUIREMENTS)
C. AMERICAN WELDING SOCIETY (AWS) PUBLICATION D11.1-2000
D. AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM)
E. NATIONAL STRUCTURAL CODE OF THE PHILIPPINES (NSCP 2001) VOL. I, 5TH EDITION
F. ASSOCIATION OF STRUCTURAL ENGINEERS OF THE PHILIPPINES (ASEP) HANDBOOK OF STRUCTURAL STEEL SHAPES AND SECTIONS, 1994
G. UNIFORM BUILDING CODE (UBC), VOL. 2 1997 EDITION
2. DESIGN LOADS (DL):
A.1. DEAD LOAD (D) = 24.00 kN/m²
A.2. STRUCTURAL STEEL = 17.00 kN/m²
A.3. FINISH FLOOR = 0.40 kN/m²
A.4. CEILING = 0.10 kN/m²
A.5. MECHANICAL EQUIPMENT = 0.20 kN/m²
A.6. MECHANICAL PARTITION = 0.20 kN/m²
A.7. MECHANICAL DUCT = 0.20 kN/m²
A.8. MECHANICAL EQUIPMENT = 0.20 kN/m²
B. LIVE LOADS (LL):
B.1. WAREHOUSES AND ROOMS = 1.80 kN/m²
B.2. LAB. AND OPERATING ROOMS = 2.30 kN/m²
B.3. CORRIDORS ABOVE GROUND FLOOR = 3.80 kN/m²
B.4. OFFICE = 2.40 kN/m²
B.5. COMFORT ROOM = 2.40 kN/m²
B.6. LIGHT STAIRWELL = 2.40 kN/m²
B.7. ROOF = 1.00 kN/m²
C. LATERAL LOADS (L):
C.1. WIND LOAD (W): ENVELOPE AND BUILDING SHALL BE CALCULATED BASED ON NATIONAL STRUCTURAL CODE OF THE PHILIPPINES, CONSIDERING BASIC WIND SPEED (V) = 270 KM/HR
C.2. OCCUPANCY CATEGORY = IV
C.3. EXPOSURE CATEGORY = B
C.4. VELOCITY PRESSURE AT HEIGHT Z_r = 47.10 - 5.66K<sub>z10⁻⁴ W/m²
C.5. TO CALCULATE WIND LOAD ON SPACED STRUCTURE WITH FORCE COEFFICIENTS
C.6. SEISMIC LOAD (E): SEISMIC LOADS FOR BUILDING STRUCTURES ARE CALCULATED BASED ON THE FOLLOWING:
E₁ = 0.4 S_w
E₂ = 0.1 S_w
WHERE:
E = EARTHQUAKE LOAD ON THE STRUCTURE
S_w = WIND SPEED IN KM/HR
E₁ = 0.4 S_w
E₂ = 0.1 S_w
E₃ = THE ESTIMATED MAXIMUM EARTHQUAKE FORCE THAT CAN BE DEVELOPED BY THE STRUCTURE
E₄ = THE LOAD EFFECT RESULTING FROM THE SEISMIC COMPONENT OF THE EARTHQUAKE GROUND MOTION AND IS EQUAL TO AN ADDITIONAL OF 5% OF THE DEAD LOAD ON THE STRUCTURE
E₅ = THE SEISMIC FORCE IMPERATION FACTOR THAT IS REQUIRED TO ACCOUNT FOR STRUCTURAL OVERSTRESSING
E₆ = THE RELIABILITY/REDUNDANCY FACTOR WHICH SHALL NOT BE MORE THAN 1.0 AND SHALL NOT BE LESS THAN 1.0
E₇ = 1.0
E₈ = 1.0
E₉ = 1.0
E₁₀ = 1.0
E₁₁ = 1.0
E₁₂ = 1.0
E₁₃ = 1.0
E₁₄ = 1.0
E₁₅ = 1.0
E₁₆ = 1.0
E₁₇ = 1.0
E₁₈ = 1.0
E₁₉ = 1.0
E₂₀ = 1.0
E₂₁ = 1.0
E₂₂ = 1.0
E₂₃ = 1.0
E₂₄ = 1.0
E₂₅ = 1.0
E₂₆ = 1.0
E₂₇ = 1.0
E₂₈ = 1.0
E₂₉ = 1.0
E₃₀ = 1.0
E₃₁ = 1.0
E₃₂ = 1.0
E₃₃ = 1.0
E₃₄ = 1.0
E₃₅ = 1.0
E₃₆ = 1.0
E₃₇ = 1.0
E₃₈ = 1.0
E₃₉ = 1.0
E₄₀ = 1.0
E₄₁ = 1.0
E₄₂ = 1.0
E₄₃ = 1.0
E₄₄ = 1.0
E₄₅ = 1.0
E₄₆ = 1.0
E₄₇ = 1.0
E₄₈ = 1.0
E₄₉ = 1.0
E₅₀ = 1.0
E₅₁ = 1.0
E₅₂ = 1.0
E₅₃ = 1.0
E₅₄ = 1.0
E₅₅ = 1.0
E₅₆ = 1.0
E₅₇ = 1.0
E₅₈ = 1.0
E₅₉ = 1.0
E₆₀ = 1.0
E₆₁ = 1.0
E₆₂ = 1.0
E₆₃ = 1.0
E₆₄ = 1.0
E₆₅ = 1.0
E₆₆ = 1.0
E₆₇ = 1.0
E₆₈ = 1.0
E₆₉ = 1.0
E₇₀ = 1.0
E₇₁ = 1.0
E₇₂ = 1.0
E₇₃ = 1.0
E₇₄ = 1.0
E₇₅ = 1.0
E₇₆ = 1.0
E₇₇ = 1.0
E₇₈ = 1.0
E₇₉ = 1.0
E₈₀ = 1.0
E₈₁ = 1.0
E₈₂ = 1.0
E₈₃ = 1.0
E₈₄ = 1.0
E₈₅ = 1.0
E₈₆ = 1.0
E₈₇ = 1.0
E₈₈ = 1.0
E₈₉ = 1.0
E₉₀ = 1.0
E₉₁ = 1.0
E₉₂ = 1.0
E₉₃ = 1.0
E₉₄ = 1.0
E₉₅ = 1.0
E₉₆ = 1.0
E₉₇ = 1.0
E₉₈ = 1.0
E₉₉ = 1.0
E₁₀₀ = 1.0
E₁₀₁ = 1.0
E₁₀₂ = 1.0
E₁₀₃ = 1.0
E₁₀₄ = 1.0
E₁₀₅ = 1.0
E₁₀₆ = 1.0
E₁₀₇ = 1.0
E₁₀₈ = 1.0
E₁₀₉ = 1.0
E₁₁₀ = 1.0
E₁₁₁ = 1.0
E₁₁₂ = 1.0
E₁₁₃ = 1.0
E₁₁₄ = 1.0
E₁₁₅ = 1.0
E₁₁₆ = 1.0
E₁₁₇ = 1.0
E₁₁₈ = 1.0
E₁₁₉ = 1.0
E₁₂₀ = 1.0
E₁₂₁ = 1.0
E₁₂₂ = 1.0
E₁₂₃ = 1.0
E₁₂₄ = 1.0
E₁₂₅ = 1.0
E₁₂₆ = 1.0
E₁₂₇ = 1.0
E₁₂₈ = 1.0
E₁₂₉ = 1.0
E₁₃₀ = 1.0
E₁₃₁ = 1.0
E₁₃₂ = 1.0
E₁₃₃ = 1.0
E₁₃₄ = 1.0
E₁₃₅ = 1.0
E₁₃₆ = 1.0
E₁₃₇ = 1.0
E₁₃₈ = 1.0
E₁₃₉ = 1.0
E₁₄₀ = 1.0
E₁₄₁ = 1.0
E₁₄₂ = 1.0
E₁₄₃ = 1.0
E₁₄₄ = 1.0
E₁₄₅ = 1.0
E₁₄₆ = 1.0
E₁₄₇ = 1.0
E₁₄₈ = 1.0
E₁₄₉ = 1.0
E₁₅₀ = 1.0
E₁₅₁ = 1.0
E₁₅₂ = 1.0
E₁₅₃ = 1.0
E₁₅₄ = 1.0
E₁₅₅ = 1.0
E₁₅₆ = 1.0
E₁₅₇ = 1.0
E₁₅₈ = 1.0
E₁₅₉ = 1.0
E₁₆₀ = 1.0
E₁₆₁ = 1.0
E₁₆₂ = 1.0
E₁₆₃ = 1.0
E₁₆₄ = 1.0
E₁₆₅ = 1.0
E₁₆₆ = 1.0
E₁₆₇ = 1.0
E₁₆₈ = 1.0
E₁₆₉ = 1.0
E₁₇₀ = 1.0
E₁₇₁ = 1.0
E₁₇₂ = 1.0
E₁₇₃ = 1.0
E₁₇₄ = 1.0
E₁₇₅ = 1.0
E₁₇₆ = 1.0
E₁₇₇ = 1.0
E₁₇₈ = 1.0
E₁₇₉ = 1.0
E₁₈₀ = 1.0
E₁₈₁ = 1.0
E₁₈₂ = 1.0
E₁₈₃ = 1.0
E₁₈₄ = 1.0
E₁₈₅ = 1.0
E₁₈₆ = 1.0
E₁₈₇ = 1.0
E₁₈₈ = 1.0
E₁₈₉ = 1.0
E₁₉₀ = 1.0
E₁₉₁ = 1.0
E₁₉₂ = 1.0
E₁₉₃ = 1.0
E₁₉₄ = 1.0
E₁₉₅ = 1.0
E₁₉₆ = 1.0
E₁₉₇ = 1.0
E₁₉₈ = 1.0
E₁₉₉ = 1.0
E₂₀₀ = 1.0
E₂₀₁ = 1.0
E₂₀₂ = 1.0
E₂₀₃ = 1.0
E₂₀₄ = 1.0
E₂₀₅ = 1.0
E₂₀₆ = 1.0
E₂₀₇ = 1.0
E₂₀₈ = 1.0
E₂₀₉ = 1.0
E₂₁₀ = 1.0
E₂₁₁ = 1.0
E₂₁₂ = 1.0
E₂₁₃ = 1.0
E₂₁₄ = 1.0
E₂₁₅ = 1.0
E₂₁₆ = 1.0
E₂₁₇ = 1.0
E₂₁₈ = 1.0
E₂₁₉ = 1.0
E₂₂₀ = 1.0
E₂₂₁ = 1.0
E₂₂₂ = 1.0
E₂₂₃ = 1.0
E₂₂₄ = 1.0
E₂₂₅ = 1.0
E₂₂₆ = 1.0
E₂₂₇ = 1.0
E₂₂₈ = 1.0
E₂₂₉ = 1.0
E₂₃₀ = 1.0
E₂₃₁ = 1.0
E₂₃₂ = 1.0
E₂₃₃ = 1.0
E₂₃₄ = 1.0
E₂₃₅ = 1.0
E₂₃₆ = 1.0
E₂₃₇ = 1.0
E₂₃₈ = 1.0
E₂₃₉ = 1.0
E₂₄₀ = 1.0
E₂₄₁ = 1.0
E₂₄₂ = 1.0
E₂₄₃ = 1.0
E₂₄₄ = 1.0
E₂₄₅ = 1.0
E₂₄₆ = 1.0
E₂₄₇ = 1.0
E₂₄₈ = 1.0
E₂₄₉ = 1.0
E₂₅₀ = 1.0
E₂₅₁ = 1.0
E₂₅₂ = 1.0
E₂₅₃ = 1.0
E₂₅₄ = 1.0
E₂₅₅ = 1.0
E₂₅₆ = 1.0
E₂₅₇ = 1.0
E₂₅₈ = 1.0
E₂₅₉ = 1.0
E₂₆₀ = 1.0
E₂₆₁ = 1.0
E₂₆₂ = 1.0
E₂₆₃ = 1.0
E₂₆₄ = 1.0
E₂₆₅ = 1.0
E₂₆₆ = 1.0
E₂₆₇ = 1.0
E₂₆₈ = 1.0
E₂₆₉ = 1.0
E₂₇₀ = 1.0
E₂₇₁ = 1.0
E₂₇₂ = 1.0
E₂₇₃ = 1.0
E₂₇₄ = 1.0
E₂₇₅ = 1.0
E₂₇₆ = 1.0
E₂₇₇ = 1.0
E₂₇₈ = 1.0
E₂₇₉ = 1.0
E₂₈₀ = 1.0
E₂₈₁ = 1.0
E₂₈₂ = 1.0
E₂₈₃ = 1.0
E₂₈₄ = 1.0
E₂₈₅ = 1.0
E₂₈₆ = 1.0
E₂₈₇ = 1.0
E₂₈₈ = 1.0
E₂₈₉ = 1.0
E₂₉₀ = 1.0
E₂₉₁ = 1.0
E₂₉₂ = 1.0
E₂₉₃ = 1.0
E₂₉₄ = 1.0
E₂₉₅ = 1.0
E₂₉₆ = 1.0
E₂₉₇ = 1.0
E₂₉₈ = 1.0
E₂₉₉ = 1.0
E₃₀₀ = 1.0
E₃₀₁ = 1.0
E₃₀₂ = 1.0
E₃₀₃ = 1.0
E₃₀₄ = 1.0
E₃₀₅ = 1.0
E₃₀₆ = 1.0
E₃₀₇ = 1.0
E₃₀₈ = 1.0
E₃₀₉ = 1.0
E₃₁₀ = 1.0
E</sub>



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 9000018803



THE UNDERSIGNED:
 SPECIAL ASSISTANT UNIVERSITY WITH
 RESPONSIBILITY FOR THE PROJECT, HAS
 BEEN DESIGNATED AS THE PROJECT OWNER
 AND WILL BE RESPONSIBLE FOR THE
 PROVISION OF ALL NECESSARY
 INFORMATION AND SERVICE FOR THE
 CONTRACTOR AND OTHER INTERESTED
 PARTIES.

REP: VOL 0388 SEC 33

PROJECT TITLE: **2ND & 3RD FLOOR**

POSITION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS
ACQUISITION/REPAIR/REBUILDING
CONSTRUCTION OF COURSE OF BUSINESS/ACCOMMODATION UNIT

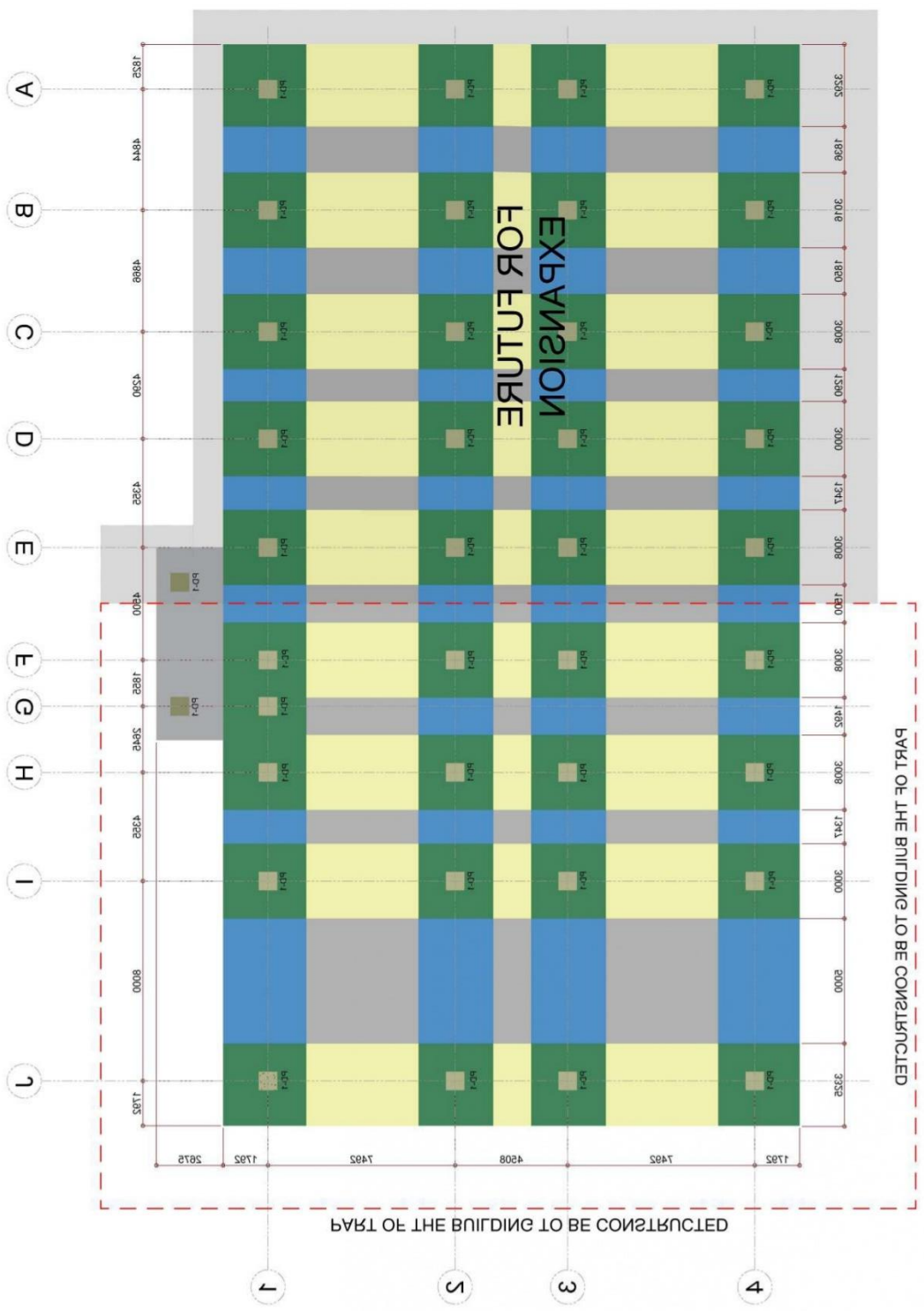
DESIGNED BY: ENGR. ROBERT M. LUYANZA JR.
 CHECKED BY: ENGR. MICHELLE V. BRIZALDO

APPROVED BY: **TRACY HAZZ/UNIVERSITY PROJECTS**

SHEET NO. **2-5**

SCALE: **1:150**
FOUNDATION PLAN

THICKNESS	CONCRETE	JOIN	REINFORCEMENT	REINFORCEMENT
150MM	150MM	150MM	150MM	150MM
100MM	100MM	100MM	100MM	100MM
75MM	75MM	75MM	75MM	75MM
50MM	50MM	50MM	50MM	50MM



PART OF THE BUILDING TO BE CONSTRUCTED



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

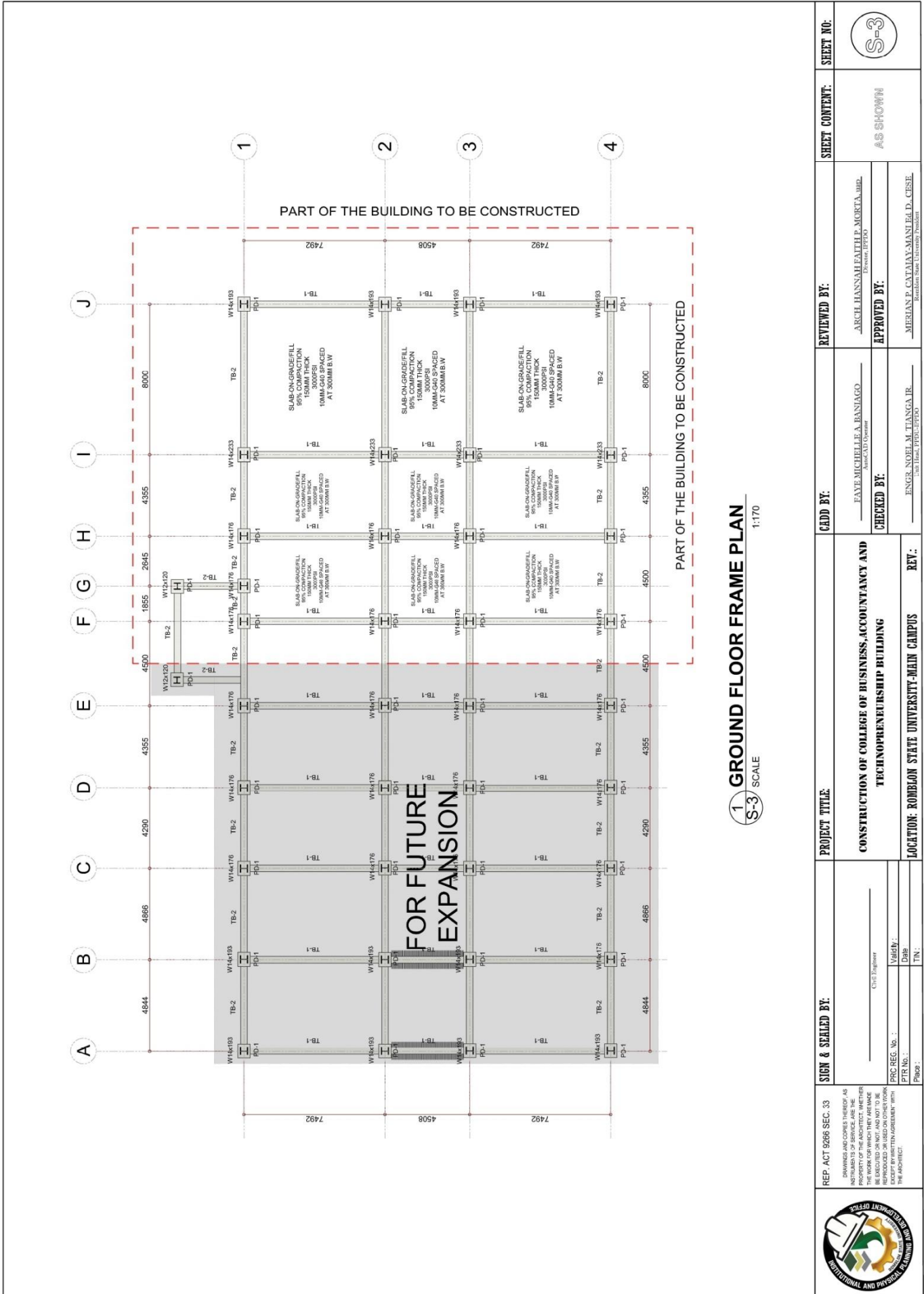
Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 9000018803



REP. ACT 9266 SEC. 33 DRAWINGS AND COPIES THEREOF, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY OF THE ARCHITECT AND SHALL BE EXERCISED OR NOT AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE ARCHITECT'S WRITTEN PERMISSION.	SIGN & SEALED BY: _____ <small>Civil Engineer</small>	PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOPRENEURSHIP BUILDING	CADD BY: _____ <small>Arch. CAD Operator</small>	REVIEWED BY: _____ <small>Engr. PPDPO</small>	SHEET CONTENT: AS SHOWN	SHEET NO.:
	PROC. REC. No. : _____ PTR. No. : _____ Date : _____	CHECKED BY: _____ <small>Engr. Nofel M. Tianga Jr.</small>	APPROVED BY: _____ <small>Engr. PPDPO</small>	APPROVED BY: _____ <small>Engr. PPDPO</small>	APPROVED BY: _____ <small>Engr. PPDPO</small>	APPROVED BY: _____ <small>Engr. PPDPO</small>





ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

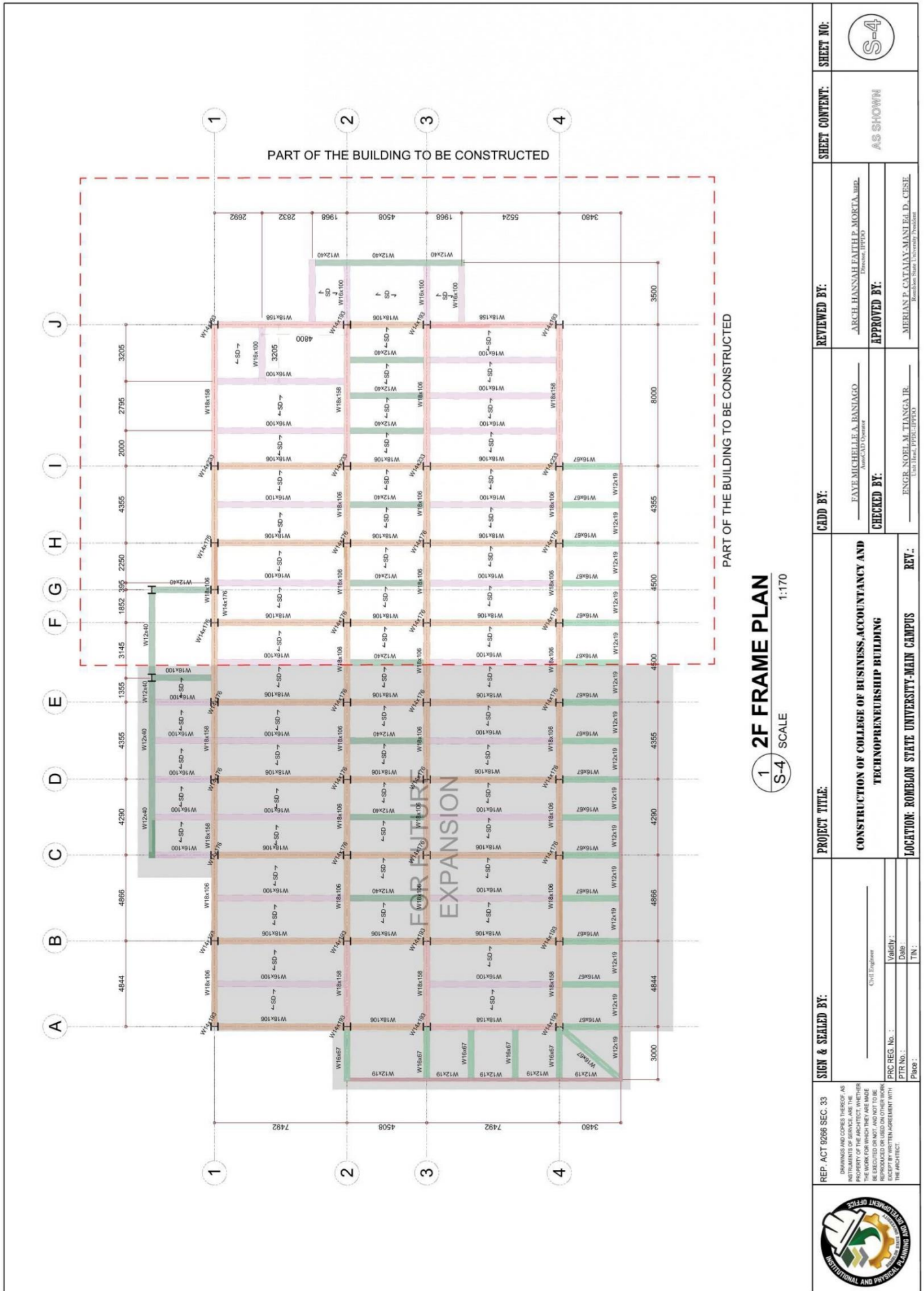
Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 9000018803



REP. ACT 9266 SEC. 33 <small>PERMITS AND CONSTRUCTION OF AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE ARCHITECT. WHETHER THE WORK FOR WHICH THEY ARE MADE IS COMPLETED OR NOT, THEY ARE TO BE REPRODUCED OR IN ANY MANNER COPIED EXCEPT BY WRITTEN AGREEMENT WITH THE ARCHITECT.</small>	SIGN & SEALED BY: _____ <small>Civil Engineer</small>		SIGN & SEALED BY: _____ <small>Civil Engineer</small>		PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOENTREURSHIP BUILDING	REVIEWED BY: ARCH. HANNAH FAITH P. MORTA, JR. <small>Division: IT/EDD</small>	SHEET NO.:
	PRC REG. No. : _____ PTR No. : _____ Place : _____	Validity : _____ Date : _____ TIN : _____	LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	CHECKED BY: ENGR. NOEL M. TIANGA, JR. <small>Division: IT/EDD, IT/EDD</small>	APPROVED BY: MERIAN P. CANTAMAN, MARI EL D., CISEL <small>Division: IT/EDD, University President</small>	SHEET CONTENT: AS SHOWN	SHEET NO.:



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

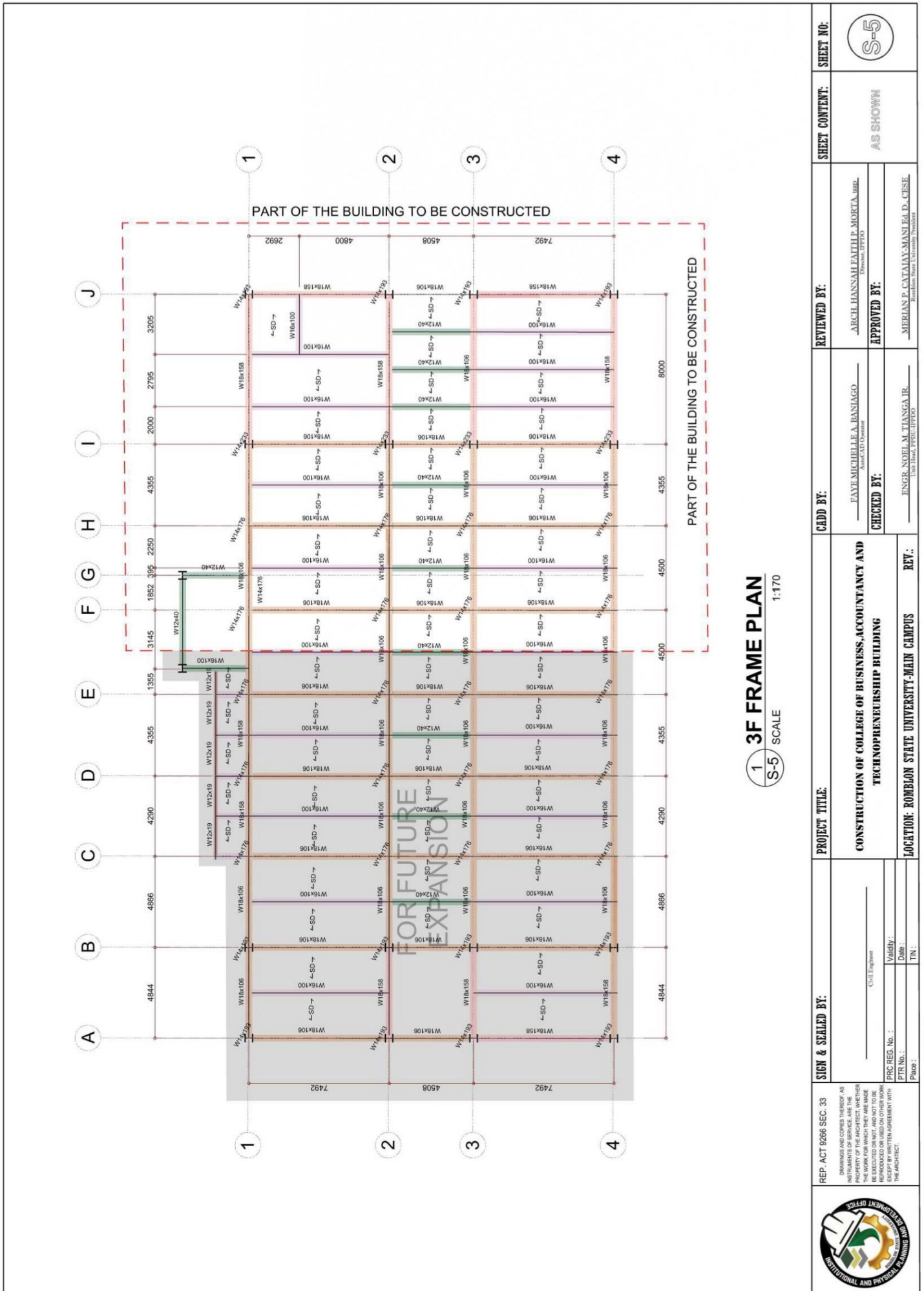
Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
Telephone: (042) 567-5952
Email: bac@rsu.edu.ph
Website: rsu.edu.ph



Management System
ISO 9001:2015



www.tuv.com
ID 900018803



REP. ACT 9266 SEC. 33 <small>DRAWINGS AND COPIES THEREOF AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE ARCHITECT. WHEN THEY ARE TO BE REPRODUCED OR USED IN OTHER WORK EXCEPT BY WRITTEN AGREEMENT WITH THE ARCHITECT.</small>	SIGN & SEALED BY: <small>Civil Engineer</small> Validity Date: Place:	PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOPRENEURSHIP BUILDING	CADD BY: EAVE MICHELLE A. HANIAGO <small>AutoCAD Operator</small>	REVIEWED BY: ARCH. HANNAH EATH P. MORTA, JR. <small>Director, IPEDD</small>	SHEET CONTENT: AS SHOWN	SHEET NO.: S-5
	PTR No.: Date: Place:	CHECKED BY: ENGR. NOEL M. TIANGA JR. <small>Unit Head, PPO-IPEDD</small>	APPROVED BY: MERIAN P. CATAJAY-MANI Ed. D., CESE <small>Romblon State University, President</small>			
LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS		REV.:				



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

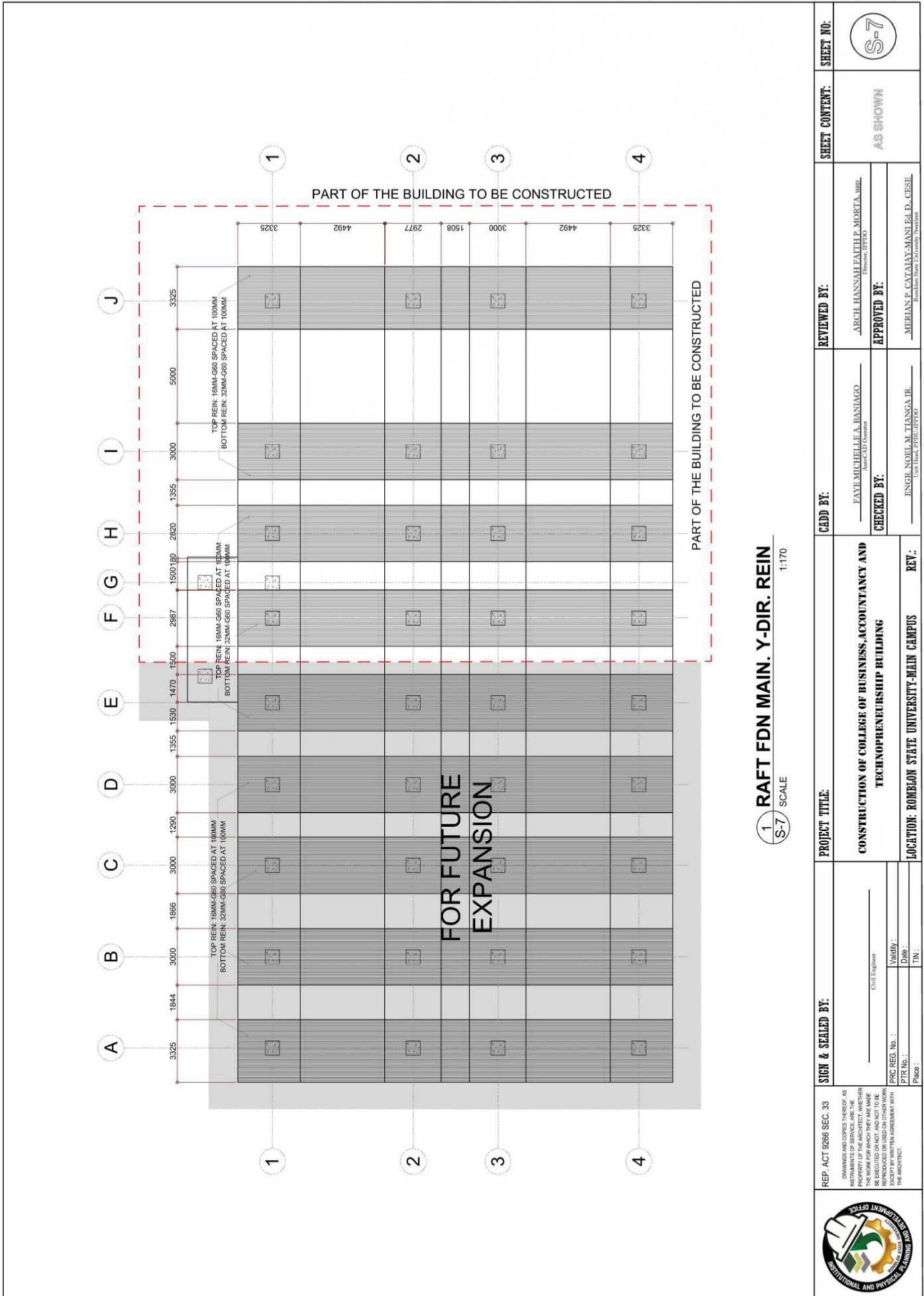
Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 900018803



1 RAFT FDN MAIN. Y-DIR. REIN
 S-7 SCALE 1:170

REP. ACT 9286 SEC. 33 DRAWINGS AND COPIES THEREOF AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE ARCHITECT. IN THE EVENT OF THE ARCHITECT'S DEATH OR INABILITY TO FULFILL HIS DUTY, THIS AGREEMENT SHALL BE REPRODUCED OR USED ON OTHER WORK EXCEPT BY WRITTEN AGREEMENT WITH THE ARCHITECT.	SIGN & SEALED BY: Civil Engineer Validity: _____ Date: _____ Place: _____	PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOPRENEURSHIP BUILDING	DESIGNED BY: ENGR. NOEL M. TIANGA JR. <small>Unit: Bacc. PPD, UP-PPDO</small>	APPROVED BY: MERIAN P. CATAAY-MANUEL D. CESE <small>Romblon State University President</small>	SHEET CONTENT: AS SHOWN	SHEET NO.: S-7





ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

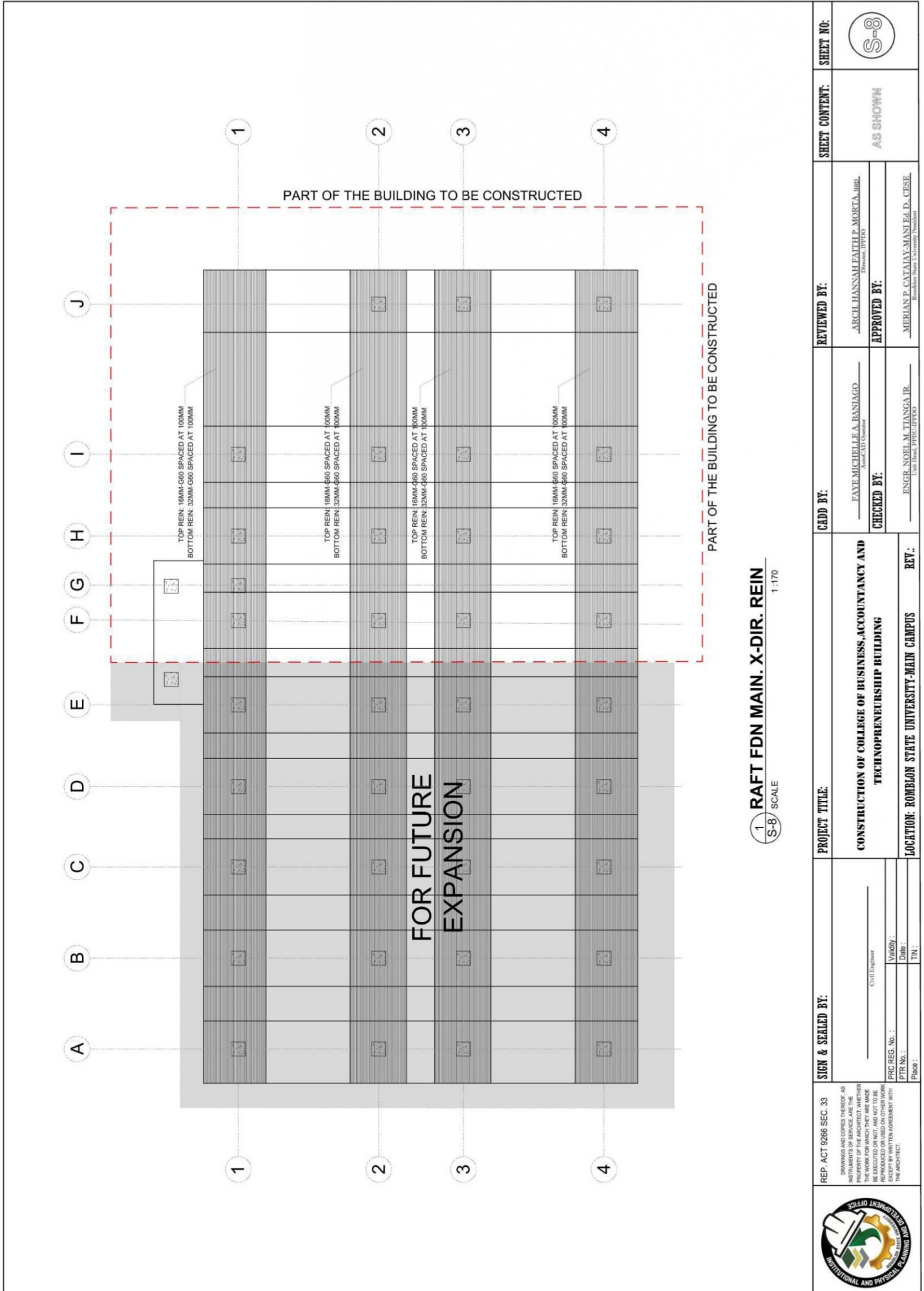
Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 900018803



REP. ACT 9265 SEC. 33 <small>DRAWINGS AND COPIES THEREOF, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY OF THE ARCHITECT. WHETHER OR NOT THEY ARE TO BE REPRODUCED OR USED IN OTHER WORK, EXCEPT BY WRITTEN AGREEMENT WITH THE ARCHITECT.</small>	SIGN & SEALED BY: _____ <small>Civil Engineer</small> Validity: _____ Date: _____ PRC REG. No.: _____ PTR No.: _____ Place: _____	PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOPRENEURSHIP BUILDING	CADD BY: FAYE MICHELLE A. BANSIAGO <small>Arch. CAD Operator</small>	REVIEWED BY: ARCH. HANNAH FAITH P. MORTA, JR. <small>Director, ITPPO</small>	SHEET CONTENT: AS SHOWN	SHEET NO.:
	LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	CHECKED BY: ENGR. NOEL M. TIANGA, JR. <small>Lead Head, ITPPO-ITPPO</small>	APPROVED BY: MERIAN P. CATALAY-MANI, Ed. D., CESE <small>Romblon State University President</small>			



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

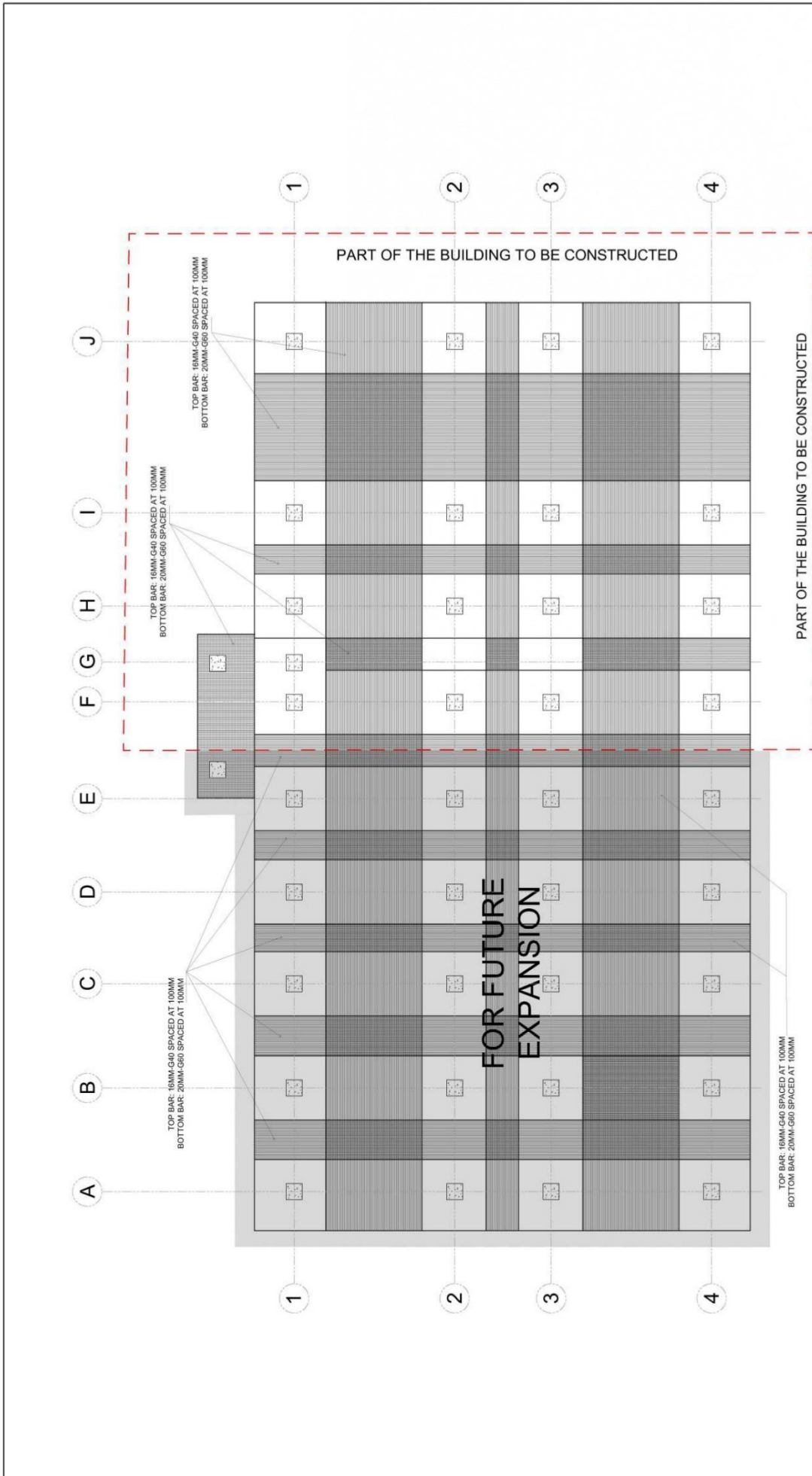
Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 900018803



1 RAFT FDN MIN. REIN.
 S-9 SCALE 1:170

REP. ACT 9286 SEC. 33 <small>DRAWINGS AND COPIES THEREOF, AS WELL AS THE PROPERTY OF THE ARCHITECT, WHETHER THE WORK FOR WHICH THEY ARE MADE BE EXECUTED OR NOT, AND NOT TO BE REPRODUCED OR USED IN OTHER WORK WITHOUT THE WRITTEN AGREEMENT WITH THE ARCHITECT.</small>	SIGN & SEALED BY: _____ <small>Civil Engineer</small>	PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOPRENEURSHIP BUILDING	CADD BY: EAVE MICHELLE A. BANIAGO <small>Assoc. CAD Operator</small>	REVIEWED BY: ARCH. HANNAH FAITH P. MORTA, JR.D. <small>Director, IPRPO</small>	SHEET CONTENT: AS SHOWN	SHEET NO.:
	PRC REG. No. : _____ PTR No. : _____ Place : _____	CHECKED BY: ENGR. NOEL M. TIANGA JR. <small>Lead In-charge, IPRC-UPPOD</small>	APPROVED BY: MERIAN P. CATAAY-MANUEL, D., CSE <small>Executive Vice President, Romblon State University</small>			
	LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	REV.: _____				

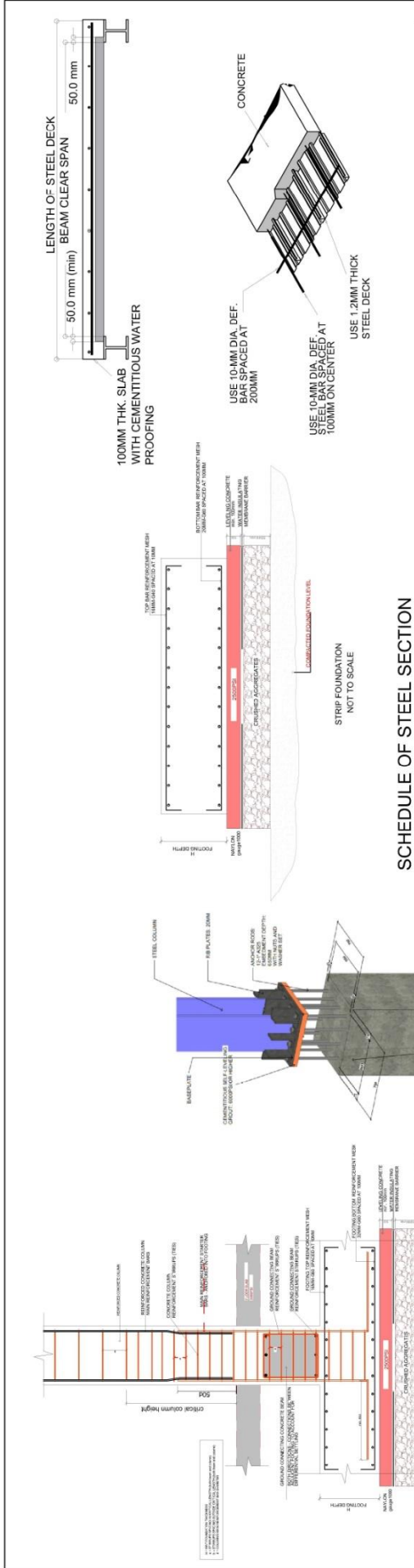


ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015
 www.tuv.com
 ID 9000018803



SCHEDULE OF STEEL SECTION

TYPE	SECTION	W14X193	W14X176	W18X158	W18X106	W16X100	W16X67	W12X19
d	406.4mm	393.7mm	386.0mm	501.3mm	474.8mm	413.0mm	414.0mm	302.2mm
tw	27.1mm	21.0mm	20.5mm	20.5mm	14.8mm	10.0mm	10.0mm	7.4mm
bf	403.8mm	398.7mm	388.7mm	284.4mm	250.0mm	203.4mm	203.4mm	13.0mm
t	43.0mm	36.5mm	33.2mm	36.5mm	25.0mm	16.0mm	16.0mm	13.0mm
fl	-	-	-	-	-	-	-	-
ft	-	-	-	-	-	-	-	-

ALL STRUCTURAL STEEL SECTIONS SHALL CONFORM TO ASTM A36
 SPECIFICATION (YIELD STRENGTH $F_y = 248$ MPa)
 ALL WELDS SHALL BE E70XX ELECTRODES
 ALL BOLTS SHALL CONFORM TO ASTM A325
 SPECIFICATION

SCHEDULE OF SLAB

MARK	THICKNESS (T) mm	BOTTOM BARS		TOP BARS		REMARKS
		SHORT DIRECTION	LONG DIRECTION	SHORT DIRECTION	LONG DIRECTION	
SD	150	10@100	-	10@200	10@200	ONE-WAY

STEEL REINFT. YIELD STRENGTH $F_y = 277.5$ MPa (Gr-43) FOR ALL BARS
 CONCRETE COMPRESSIVE STRENGTH $f_c = 21$ MPa (3000psi)
 FOR COMPOSITE STEEL FLOOR DECK-SLABS (SD):

1. TOP BAR REINFORCEMENT SHALL BE PROVIDED AT U/4 DISTANCE FROM THE CONTINUOUS AND DISCONTINUOUS EDGE
2. TOP BARS ON SPAN PERPENDICULAR TO DIRECTION OF STEEL DECK ARE FOR TEMPERATURE BARS ONLY.
3. THERE SHALL BE NO BOTTOM BARS ON SPAN PERPENDICULAR TO DIRECTION OF STEEL DECK
4. USE 0.80MM THICK STEEL DECK WITH YIELD STRENGTH $f_y = 275.6$ MPa (Gr-40)

NAME	SECTION
PD-1(943)	
(750 x 750)	
MAIN BAR-1	16-D25
MAIN BAR-2	-
MAIN BAR-3	-
HOOP (MID)	D12@100
HOOP (END)	D12 2@50REST@100
TIE BAR	8-D12

REP. ACT 9266 SEC. 33 THE DRAWINGS AND COPIES THEREOF, AS WELL AS THE WORK THEREON, SHALL BE THE PROPERTY OF THE ARCHITECT. WHETHER THE WORK FOR WHICH THEY ARE MADE BE EXECUTED OR NOT, AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN AGREEMENT OF THE ARCHITECT.	SIGN & SEALED BY: _____ Civil Engineer	PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOPRENEURSHIP BUILDING	CADD BY: FAYE MICHELLE A. BANIMAGO Student/CAD Operator	REVIEWED BY: ARCH. HANNAH FAITH L. MOKTA, JR. Designer/UPRO	SHEET NO.: S-10
	PTR REG. No. : PTR No. : Phase :	Validity: Date: TIN:	LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	CHECKED BY: ENGR. NOEL M. TIANGCA JR. Student/UPRO/UPRO	APPROVED BY: MERIAN P. CATAJAN-MANI Ed.D., CESE Designer/UPRO/UPRO



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 9000018803

NAME	END(INT.)	CENTER	END(EXT.)
TB-1(457)			
(350x550)			
TOP BAR	4-D25	2-D25	4-D25
BOT BAR	3-D25	3-D25	3-D25
STIRRUP	2-D12@100	2-D12@200	2-D12@100
SKIN BAR	-	-	-
COMMENT	-	-	-
TB-2(484)			
(350x550)			
TOP BAR	5-D25	5-D25	5-D25
BOT BAR	5-D25	5-D25	5-D25
STIRRUP	3-D12@100	3-D12@100	3-D12@100
SKIN BAR	-	-	-
COMMENT	-	-	-

PD-1 14X103	PD-1 14X233	PD-1 14X176(403)	PD-2 12X120(655)
RIB PL 250x201 (A36, 12EA)	RIB PL 250x201 (A36, 12EA)	RIB PL 250x201 (A36, 12EA)	RIB PL 200x151 (A36, 8EA)
WING PL -	WING PL -	WING PL -	WING PL -
BASE PL 600x650x351 (A36)	BASE PL 600x650x351 (A36)	BASE PL 600x650x351 (A36)	BASE PL 600x650x351 (A36)
ANCHOR 12-1 (A325, L=800)	ANCHOR 12-1 (A325, L=800)	ANCHOR 12-1 (A325, L=800)	ANCHOR 8-1 (A325, L=650)
ANCHOR Cast-In-Place Hooked Bolt-J	ANCHOR Cast-In-Place Hooked Bolt-J	ANCHOR Cast-In-Place Hooked Bolt-J	ANCHOR Cast-In-Place Hooked Bolt-J

STEEL COLUMN
 CONTINUITY PLATE 15MM THICK A36
 STEEL GIRDER

STEEL COLUMN
 CONTINUITY PLATE 15MM THICK A36
 STEEL GIRDER

REP. ACT 9266 SEC. 33	SIGN & SEALED BY:	PROJECT TITLE:	CADD BY:	REVIEWED BY:	SHEET CONTENT:	SHEET NO.:
DRAWINGS AND COPIES THEREOF, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY OF THE ARCHITECT. NO PART OF THE WORK FOR WHICH THEY ARE MADE BE EXECUTED OR NOT, AND NOT TO BE REPRODUCED OR USED ON OTHER WORK WITHOUT THE WRITTEN AGREEMENT WITH THE ARCHITECT.	_____ Civil Engineer Validity: _____ Date: _____ Place: _____	CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOENTREPRENEURSHIP BUILDING LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	FAYE MICHELLE A. BANIAGO <small>Assoc. A.D. Designer</small>	ARCH. HANNAH FAITH P. MORTA, JR. <small>Director, IPTPO</small>	AS SHOWN	S-11



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

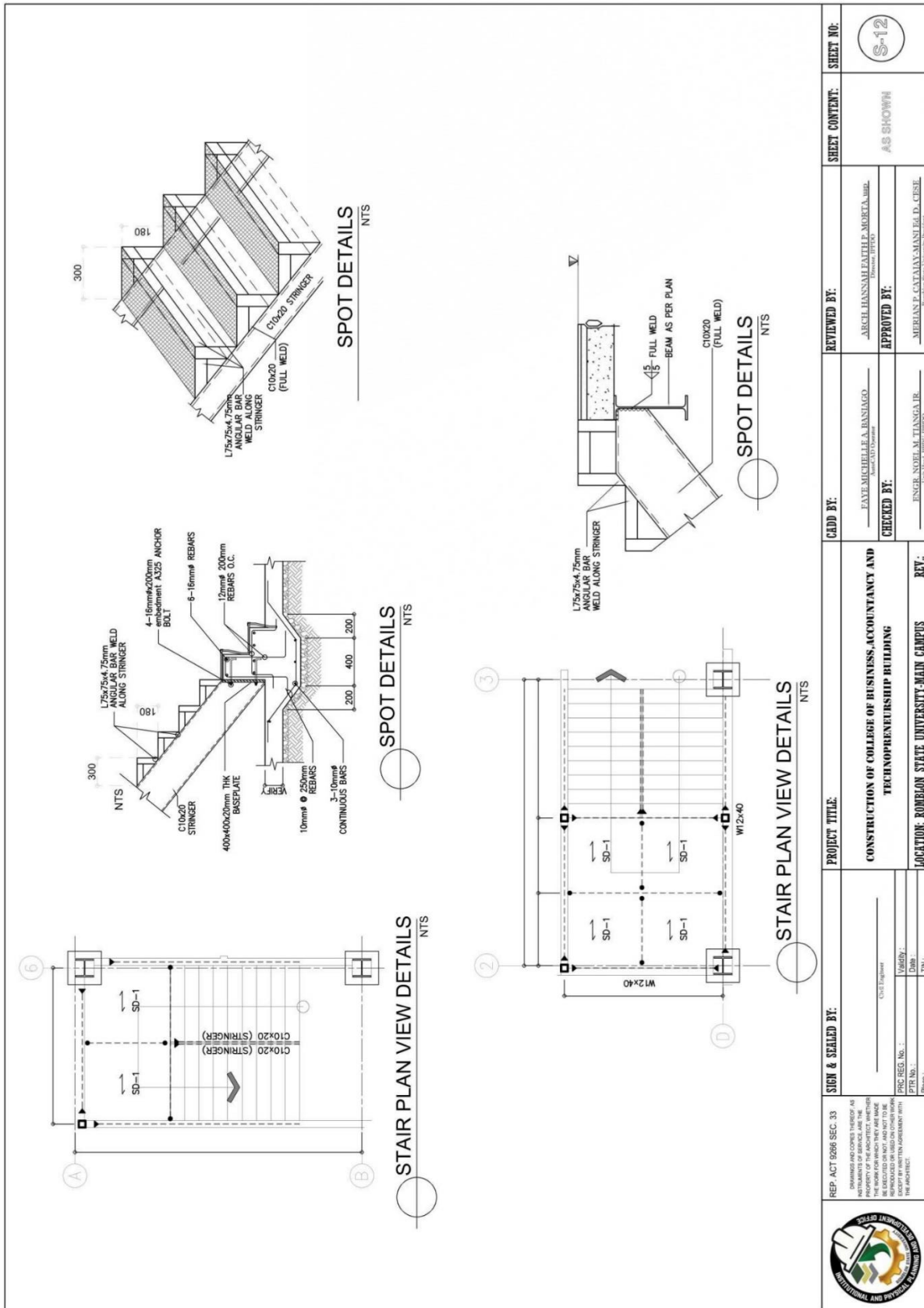
Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 9000018803



SIGN & SEALED BY: <small>REPRODUCTION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT IS PROHIBITED. ANY REPRODUCTION OR USE IN OTHER WORK WITHOUT THE WRITTEN AGREEMENT WITH THE ARCHITECT.</small> 	PROJECT TITLE: CONSTRUCTION OF COLLEGE OF BUSINESS, ACCOUNTANCY AND TECHNOENTREPRENEURSHIP BUILDING	DESIGNED BY: ENGR. MICHELLE A. BANIAGO <small>Member, PRC</small>	REVIEWED BY: ARCH. HANNALEATH P. MORTA, JR. <small>Member, PRC</small>	SHEET NO.: S-12
	LOCATION: ROMBLON STATE UNIVERSITY-MAIN CAMPUS	CHECKED BY: ENGR. ANIEL M. TIANGA, JR. <small>Lead Team, PRC-APPROV</small>	APPROVED BY: MERIAN F. CATAVA-MANUEL, D. CESE, <small>Member, PRC-APPROV</small>	SHEET CONTENT: AS SHOWN

Please be advised that this bid bulletin is issued to amend the Structural Plan in all attached/associated documents. This shall be an integral part of the Bid Documents.

For information and guidance of all concerned.

ATTY. GLENN NIÑO M. SARTILLO
 BAC Chairperson