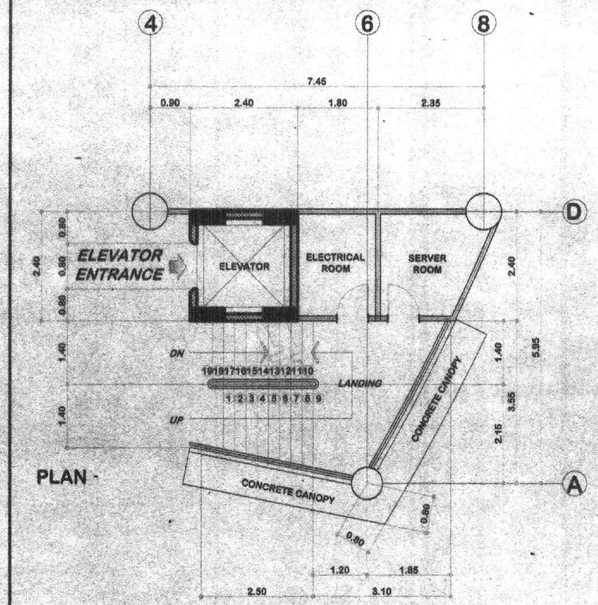


PLAN

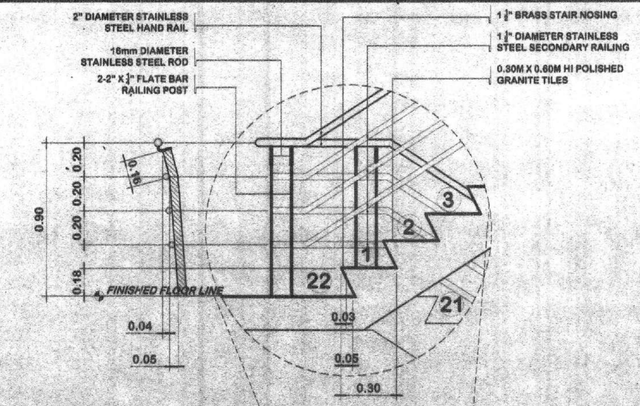
STAIR "C" SECOND TO ROOF DECK PLAN

SCALE: 1: 75M

PLAN

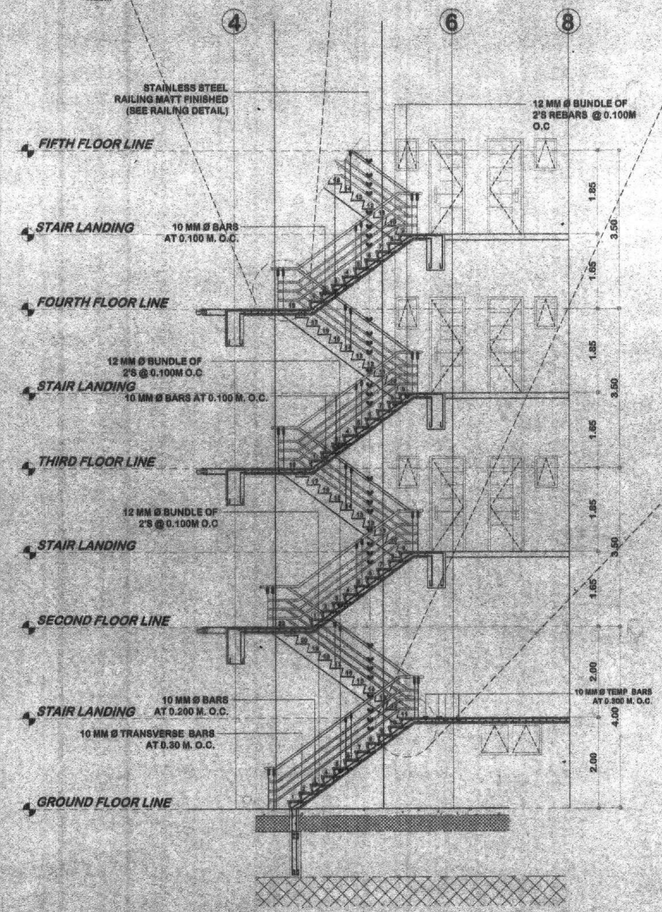
STAIR "C" GROUND FLOOR PLAN

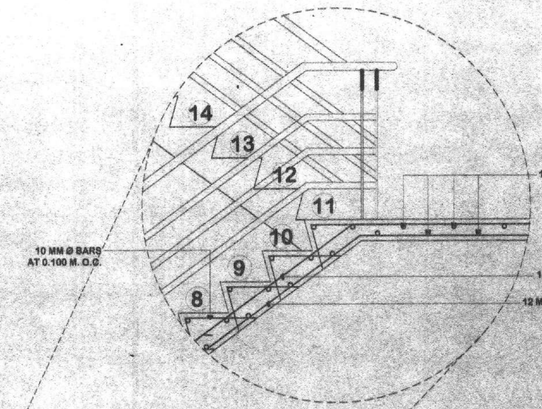
SCALE: 1: 75M



BLOW - UP DETAIL

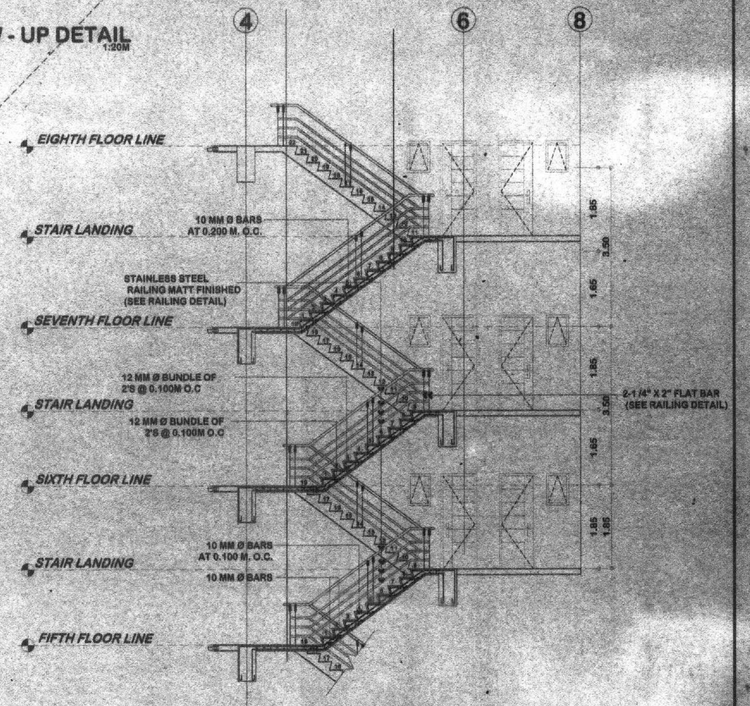
SCALE: 1:20M





BLOW - UP DETAIL

SCALE: 1:20M



STAIR "B" DETAIL

SCALE: 1: 75M

REPUBLIC OF THE PHILIPPINES
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PROJECT : **PROPOSED STUDENT CENTER & EDUCATION COMPLEX**

LOCATION: C.M. RECTO AVENUE LAPASAN, CAGAYAN DE ORO CITY
OWNER : MINDANAO UNIVERSITY OF SCIENCE AND TECHNOLOGY

APPROVED :

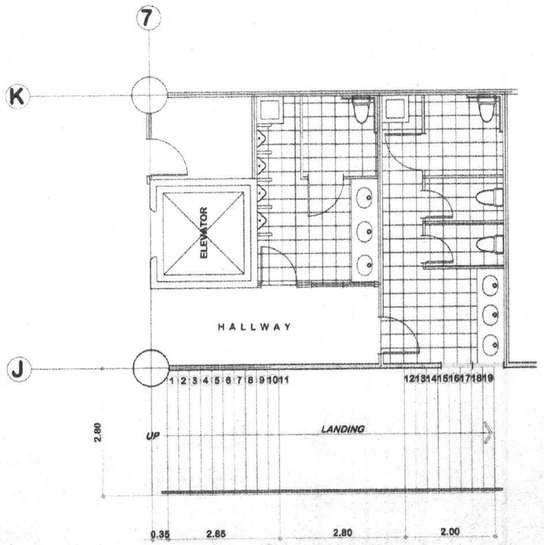
ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

DR. RICARDO E. ROTORAS
MUST PRESIDENT

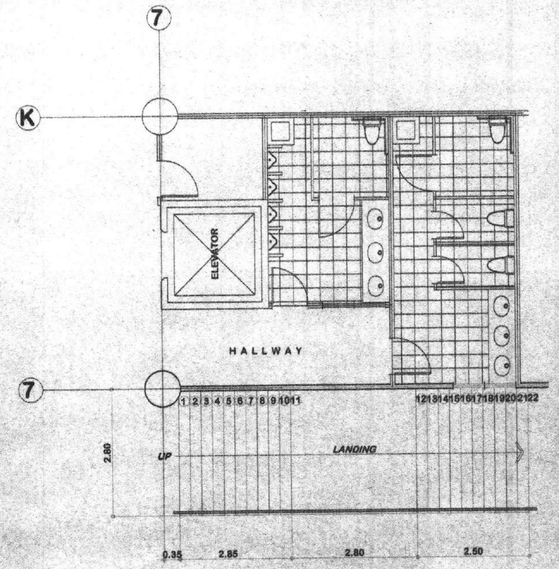
SHEET TITLE: STRUCTURAL

SHEET CONTENTS :
-STAIR "C" DETAIL
-BLOW-UP DETAIL
-STAIR "C" GROUND FLOOR PLAN
-STAIR "C" SECOND TO ROOF DECK PLAN

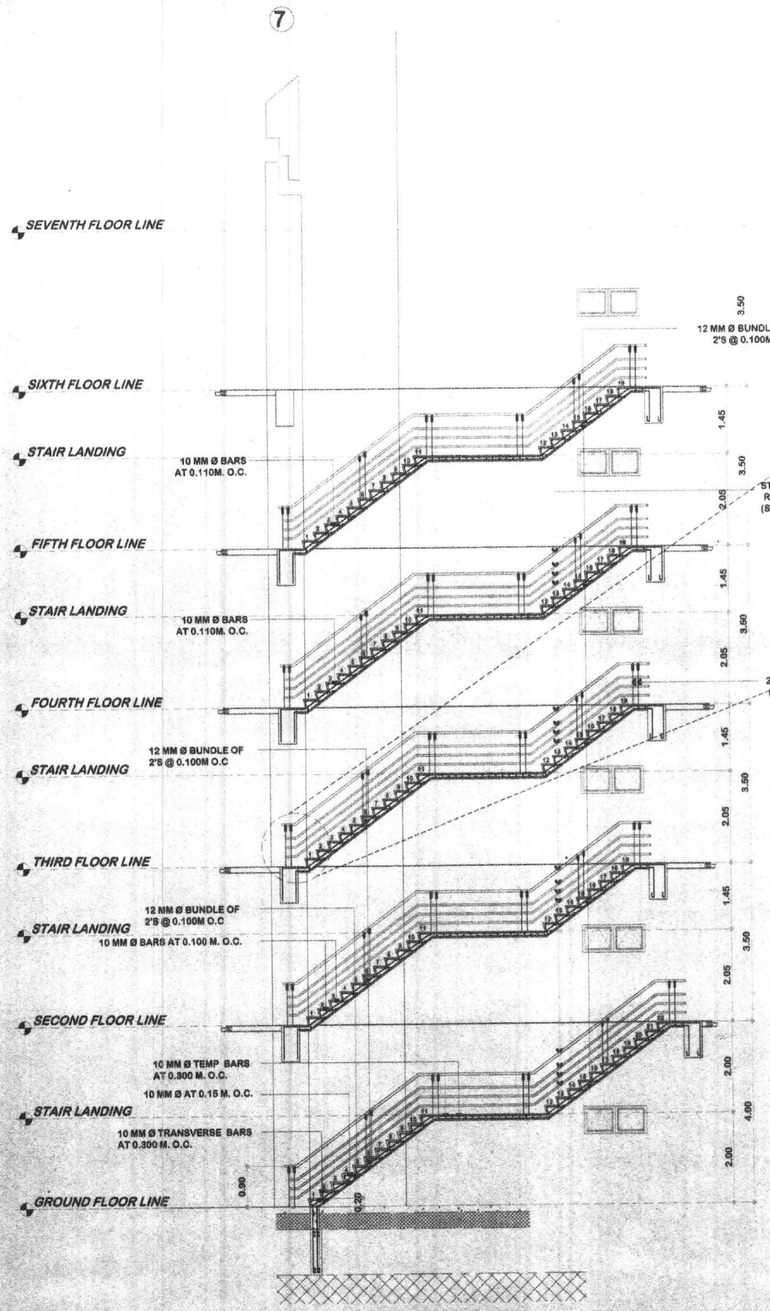
SHEET NO.
S49
S49
106
198



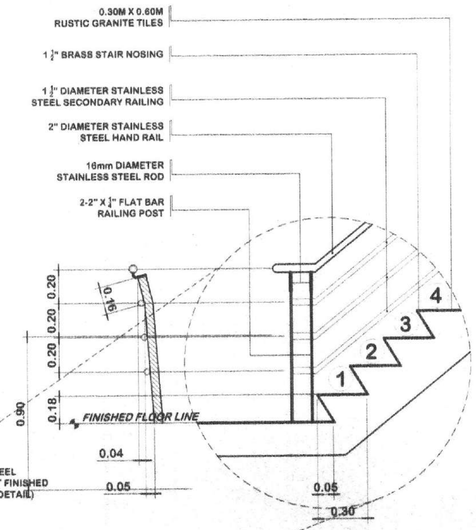
STAIR "A" SECOND TO SIXTH FLOOR PLAN
SCALE: 1: 75M



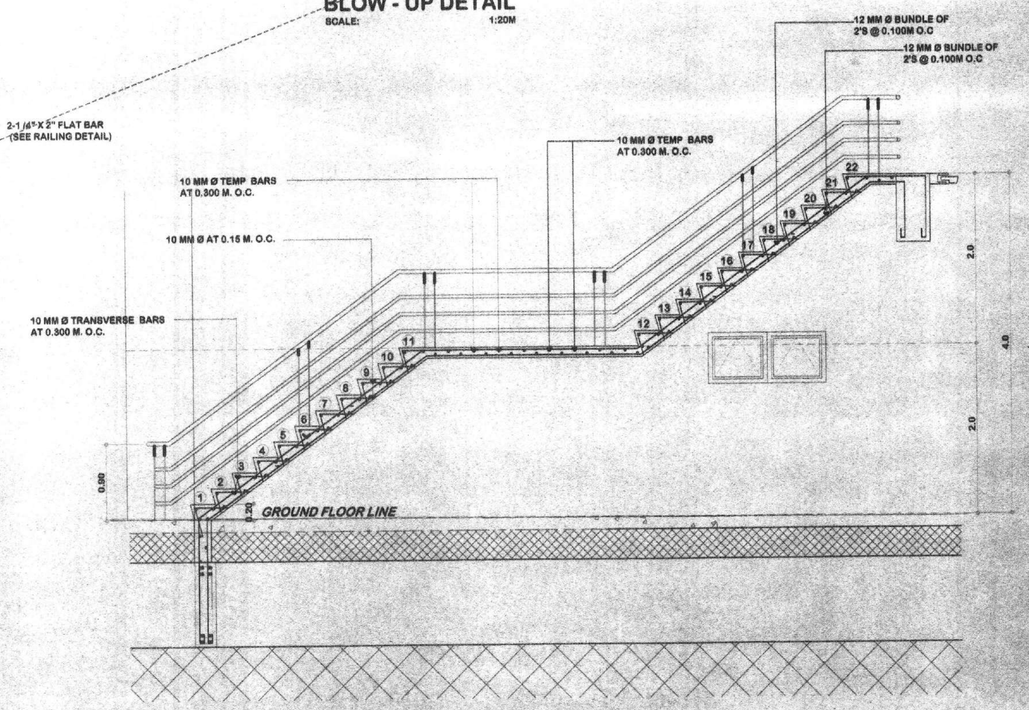
STAIR "A" GROUND FLOOR PLAN
SCALE: 1: 75M



STAIR "A" DETAIL
SCALE: 1: 75M



BLOW - UP DETAIL
SCALE: 1:20M



STAIR "A" BLOW-UP DETAIL
SCALE: 1: 40M

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PROJECT: **PROPOSED STUDENT CENTER & EDUCATION COMPLEX**

LOCATION: C.M. RECTO AVENUE LAPASAN, CAGAYAN DE ORO CITY
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APPROVED :

ATTY. JONATHAN S. OCHE
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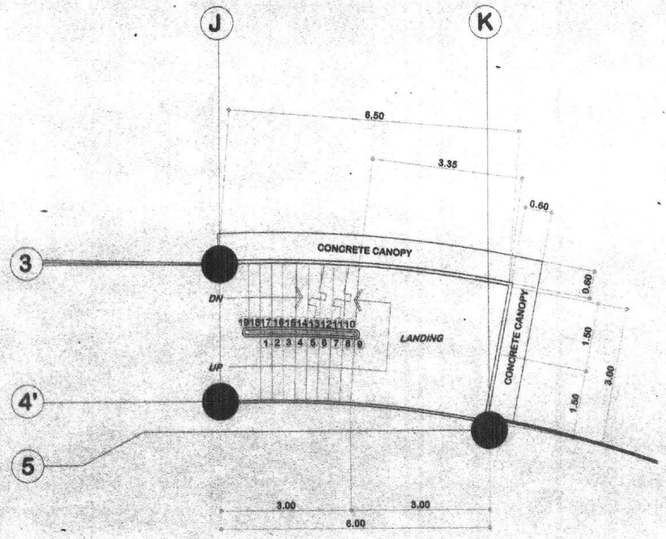
DR. RICARDO E. ROTORAS
MUST PRESIDENT

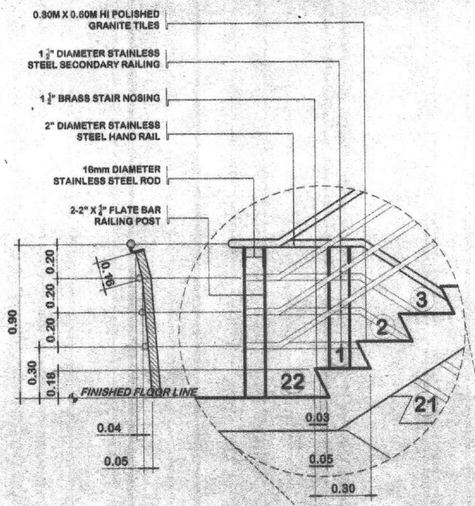
SHEET TITLE: STRUCTURAL
SHEET CONTENTS :
-STAIR "A" DETAIL
-STAIR "A" GROUND FLOOR PLAN
-STAIR "A" SECOND TO SIXTH FLOOR PLAN
-BLOW- UP DETAIL

SHEET NO. S48 S49
PLAN 105 / 198



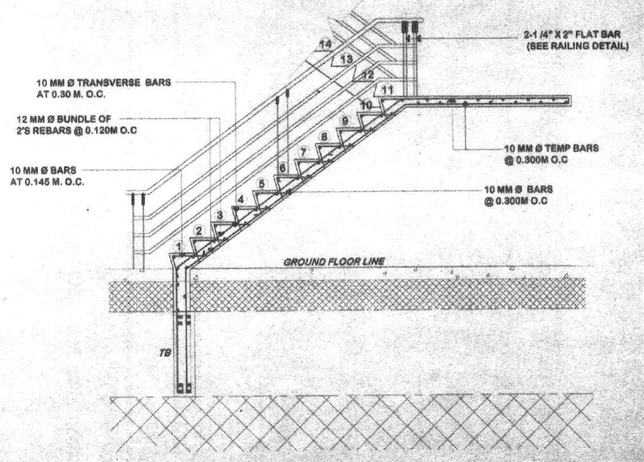
STAIR "B" SECOND TO ROOF DECK PLAN

SCALE: 1: 75M



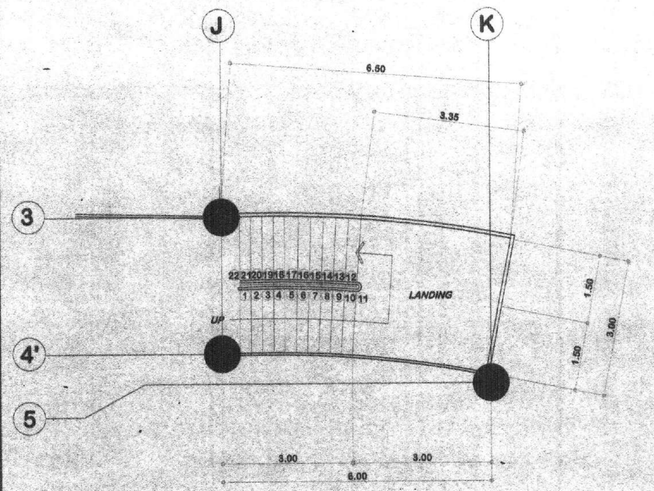
BLOW - UP DETAIL

SCALE: 1:20M



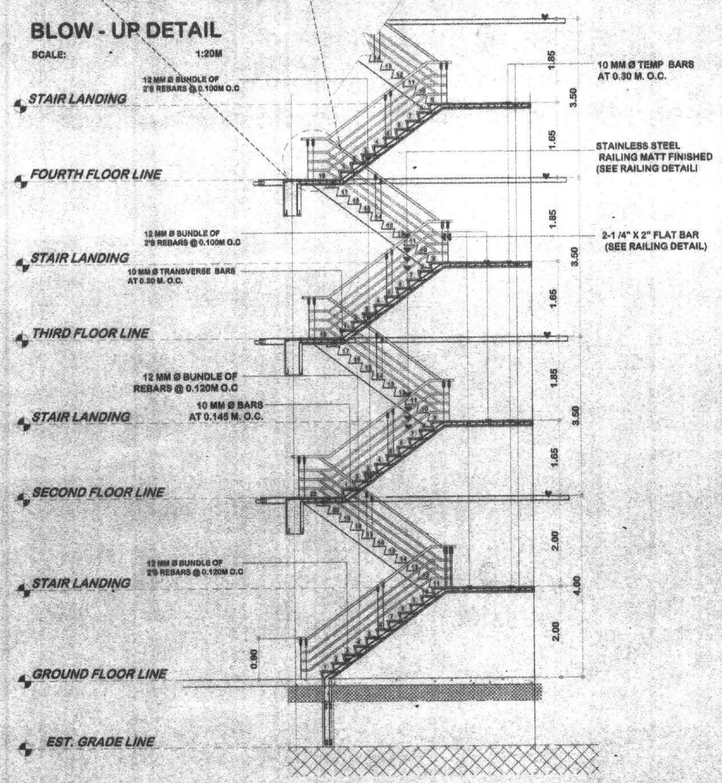
BLOW - UP DETAIL

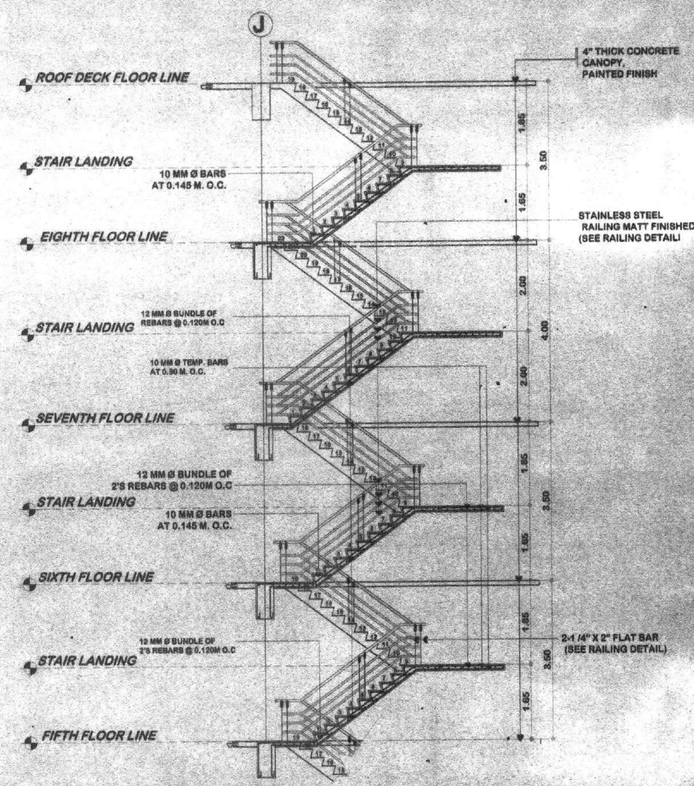
SCALE: 1:40M



STAIR "B" GROUND FLOOR PLAN

SCALE: 1: 75M





MAIN STAIR DETAIL/ TYPICAL STRUCTURAL STAIR REBARS DETAILS

SCALE: 1:75M

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TIN: 152 435 160 DATE ISSUED: 01-08-2015

PROJECT: **PROPOSED STUDENT CENTER & EDUCATION COMPLEX**

LOCATION: C.M. RECTO AVENUE LAPASAN, CAGAYAN DE ORO CITY
OWNER: MINDANAO UNIVERSITY OF SCIENCE AND TECHNOLOGY

APPROVED:

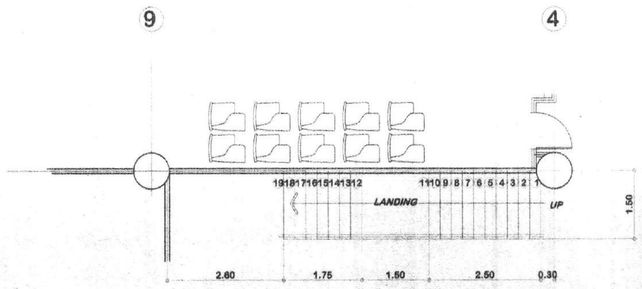
ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL

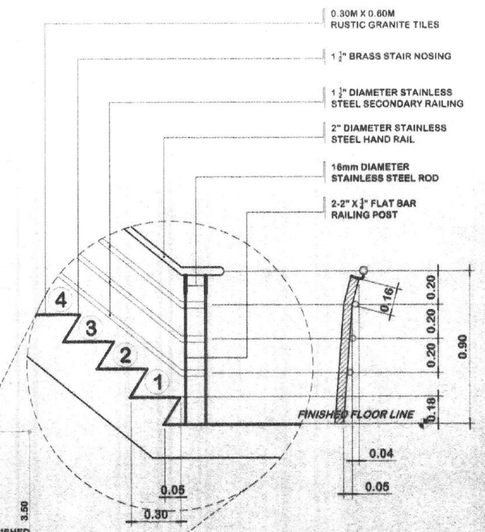
SHEET CONTENTS:
-MAIN STAIR DETAIL/TYPICAL STRUCTURAL REBARS DETAILS -BLOW-UP DETAIL
-STAIR "B" GROUND FLOOR PLAN
-STAIR "B" SECOND TO ROOF DECK PLAN

SHEET NO.
S47
S49
104
198



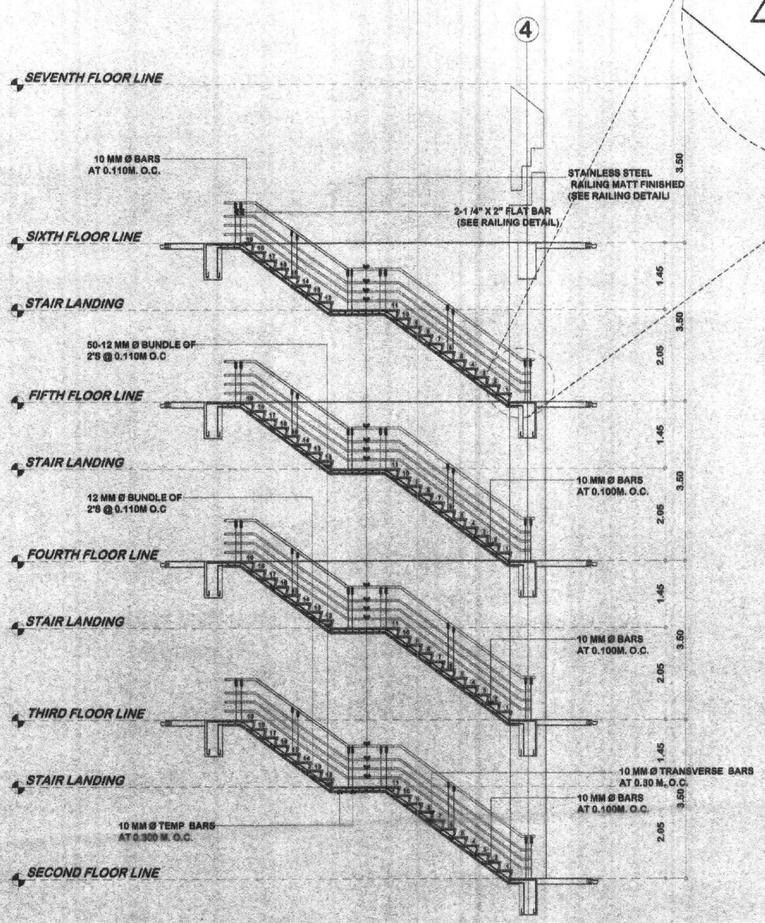
STAIR "A" SECOND TO SIXTH FLOOR PLAN

SCALE: 1: 75M



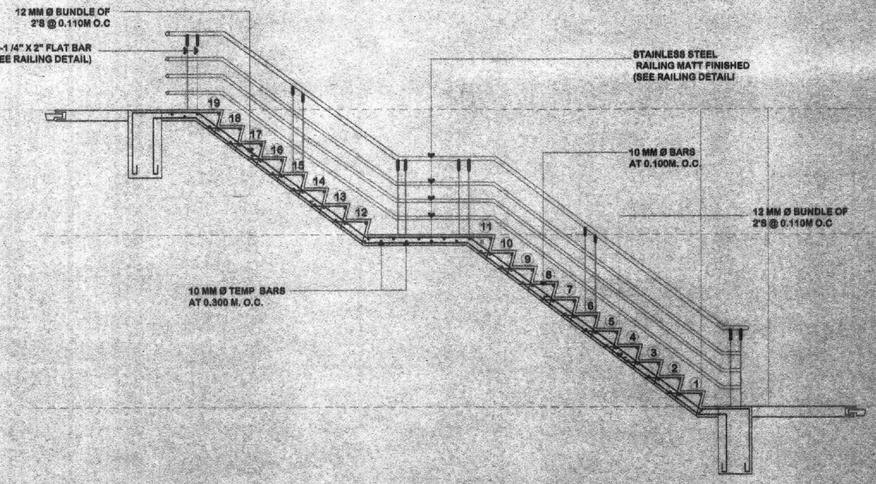
BLOW - UP DETAIL

SCALE: 1:20M



STAIR "D" DETAIL

SCALE: 1: 75M



STAIR "D" BLOW-UP DETAIL

SCALE: 1: 40M

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TIN: 182 435 160 | DATE ISSUED: 01-08-2015

PROJECT: PROPOSED STUDENT CENTER & EDUCATION COMPLEX

LOCATION: C.M. RECTO AVENUE LAPASAN, CAGAYAN DE ORO CITY
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APPROVED :

ATTY. JONATHAN S. OCHE
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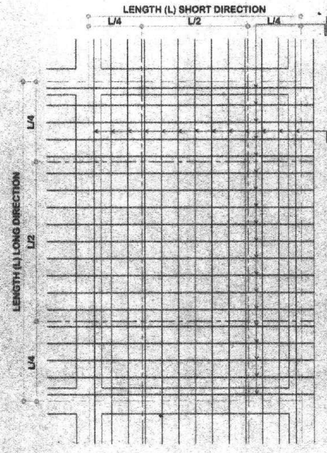
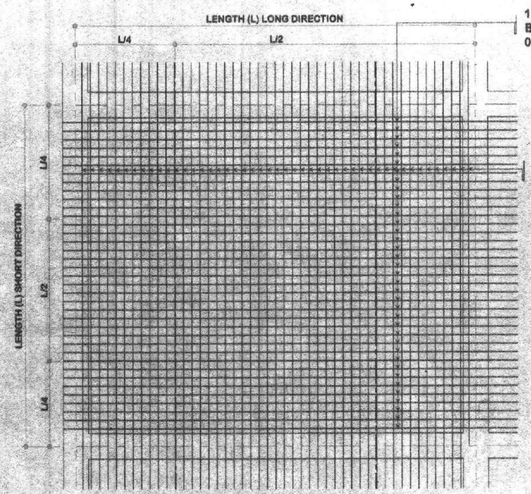
DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS :
-STAIR "D" DETAIL
-STAIR "A" SECOND TO SIXTH FLOOR PLAN
-BLOW-UP DETAILS

SHEET NO.
S46
S47
103
198



S-15 (BOTTOM BARS)
SCALE 1:40M



S-20 (BOTTOM BARS)
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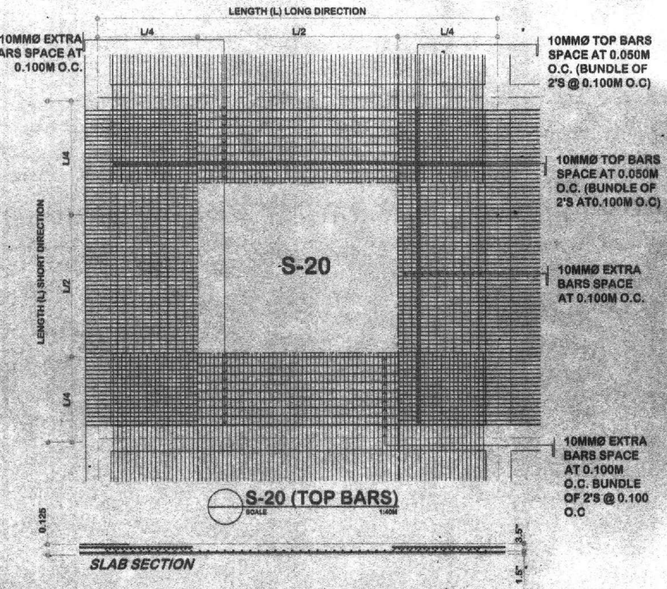
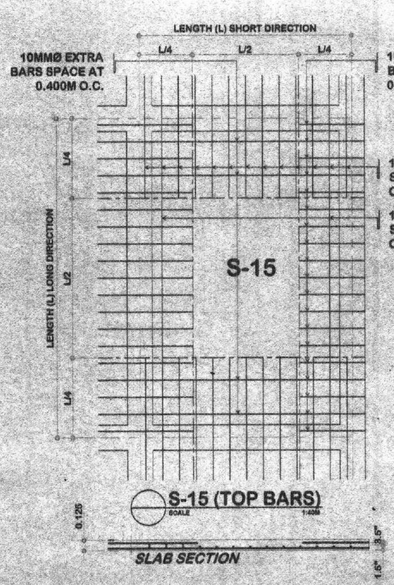


S-20 (TOP BARS)
SCALE 1:40M

SLAB SECTION

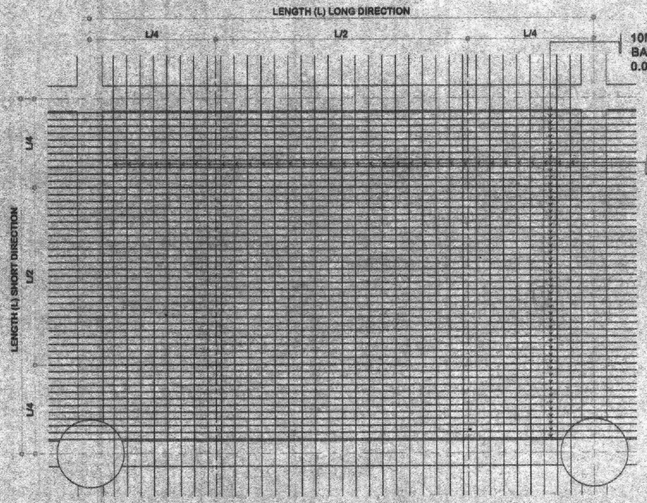
SLAB-20 (S-20) DETAILS
SCALE 1:50M



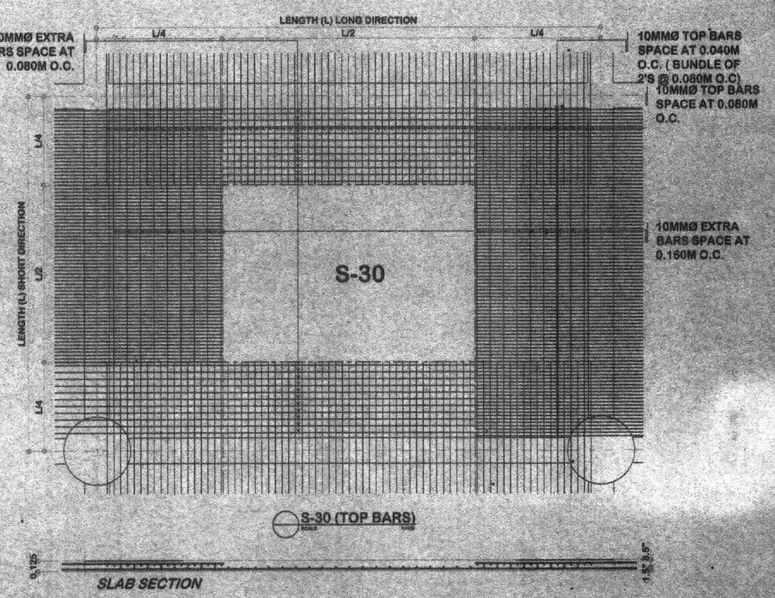
S-15 (TOP BARS)
SCALE 1:40M

SLAB SECTION

SLAB-15 (S-15) DETAILS
SCALE 1:50M



S-30 (BOTTOM BARS)
SCALE 1:40M



S-30 (TOP BARS)
SCALE 1:40M

SLAB SECTION

SLAB-30 (S-30) DETAILS
SCALE 1:40M

STRUCTURAL

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C.M. Recto Avenue, Lapasan 9000 Cagayan de Oro City
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PRC REG. NO. 10 889 | PTR NO. 6016936
TIN: 182 435 160 | DATE ISSUED: 01-06-2015

PROJECT : **PROPOSED STUDENT CENTER & EDUCATION COMPLEX**

LOCATION: C.M. RECTO AVENUE LAPASAN, CAGAYAN DE ORO CITY
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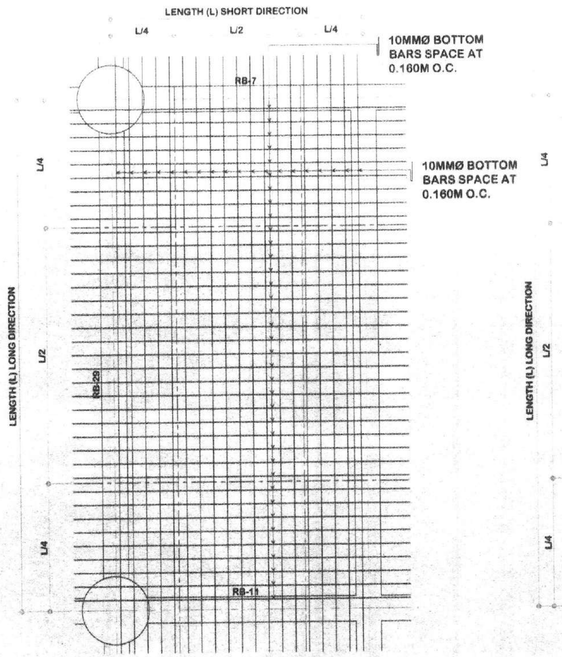
APPROVED :

ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

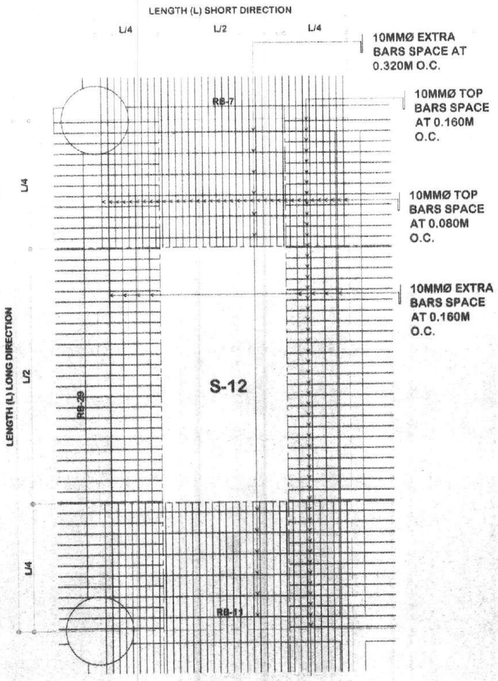
DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: SHEET NO:
SHEET CONTENTS :
- SLAB-15 DETAILS
- SLAB-20 DETAILS
- SLAB-30 DETAILS

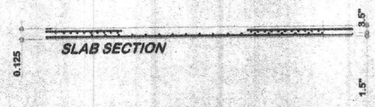
S45
S49
102
198



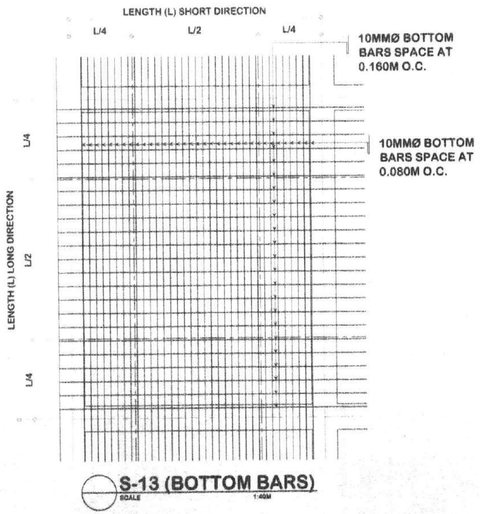
S-12 (BOTTOM BARS)
SCALE 1:40M



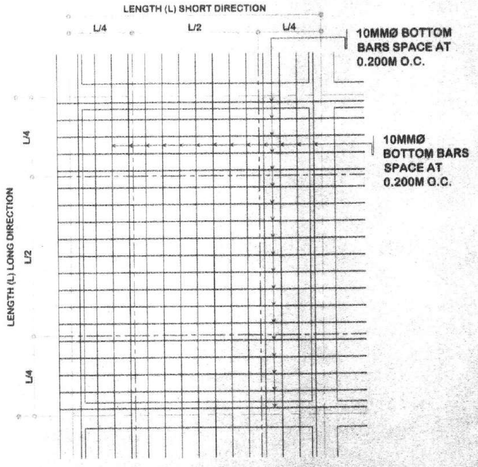
S-12 (TOP BARS)
SCALE 1:40M



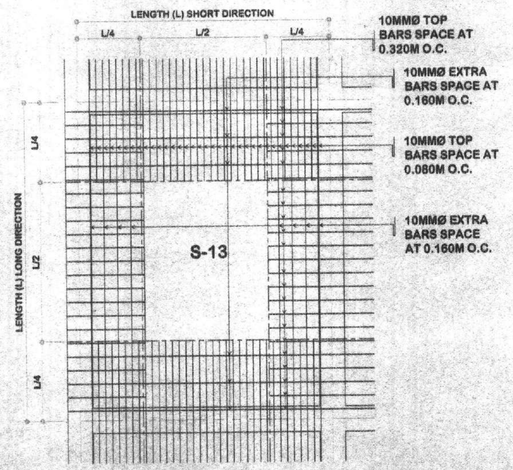
SLAB-12 (S-12) DETAILS
SCALE 1:40M



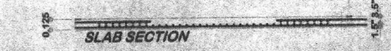
S-13 (BOTTOM BARS)
SCALE 1:40M



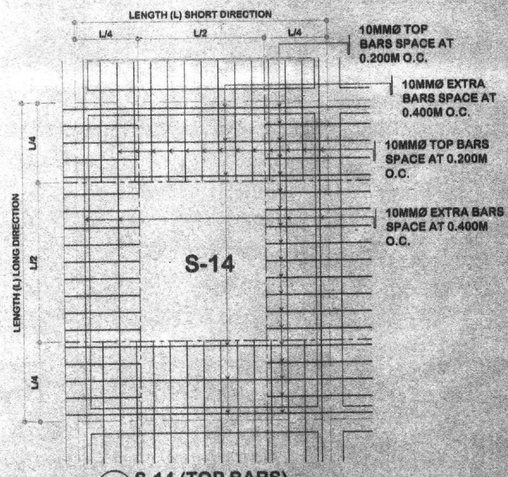
S-14 (BOTTOM BARS)
SCALE 1:40M



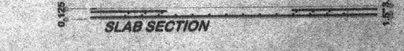
S-13 (TOP BARS)
SCALE 1:40M



SLAB-13 (S-20) DETAILS
SCALE 1:40M



S-14 (TOP BARS)
SCALE 1:40M



SLAB-14 (S-20) DETAILS
SCALE 1:40M

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PRC REG. NO. 10 889 | PTR NO. 6016938
TIN: 182 435 160 | DATE ISSUED: 01-06-2015

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APPROVED :

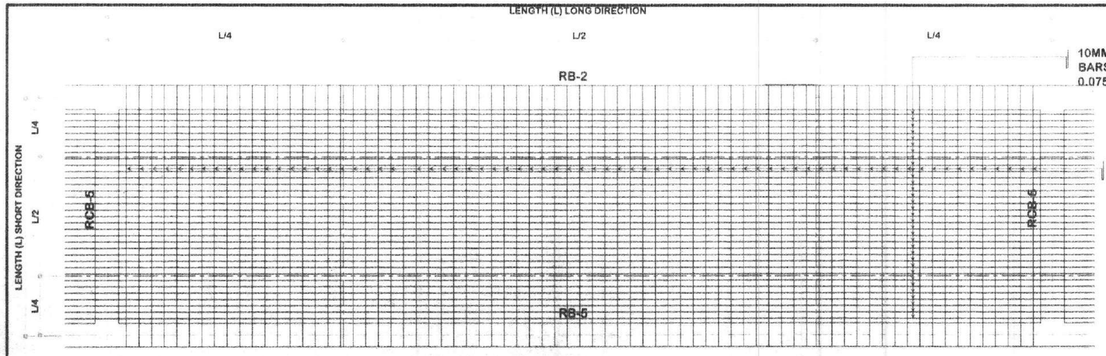
ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS :
- SLAB-12 DETAILS
- SLAB-13 DETAILS
- SLAB-14 DETAILS

SHEET NO. S-11

101
198



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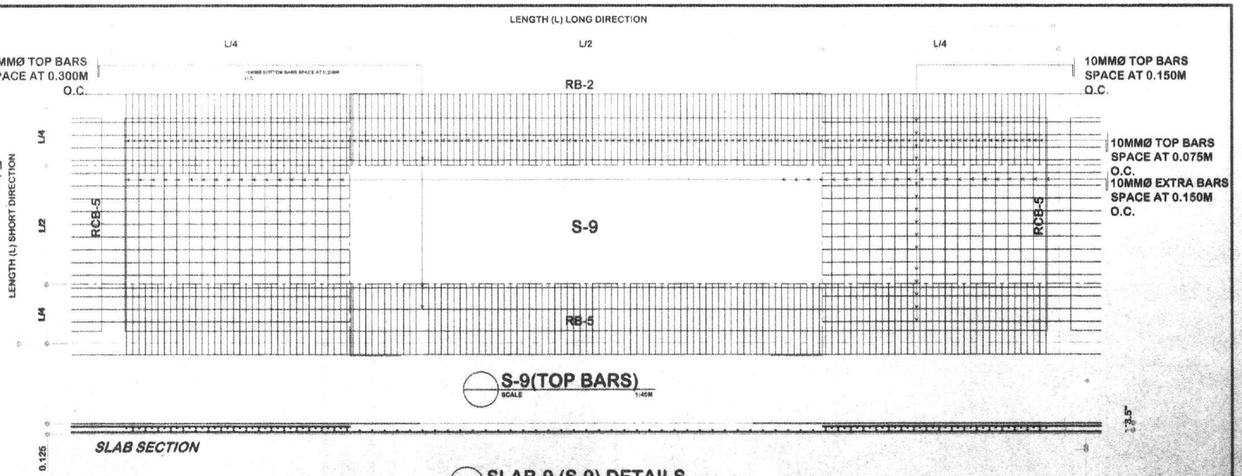
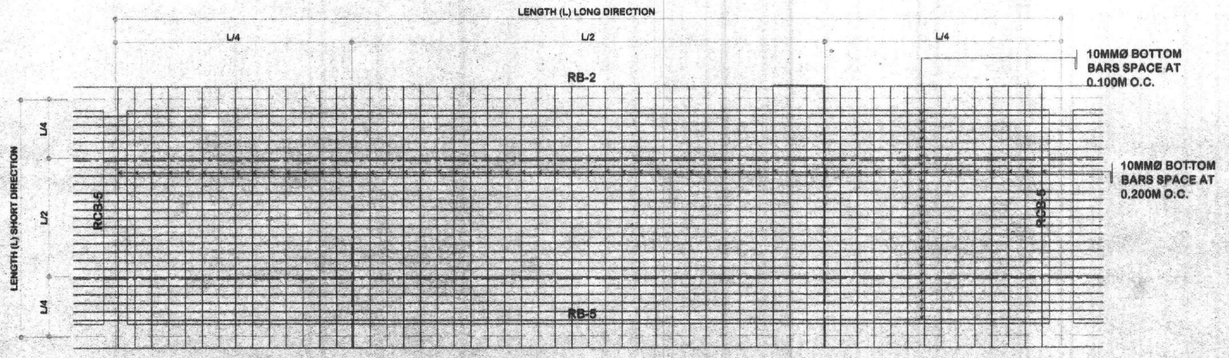
SCALE 1:40M

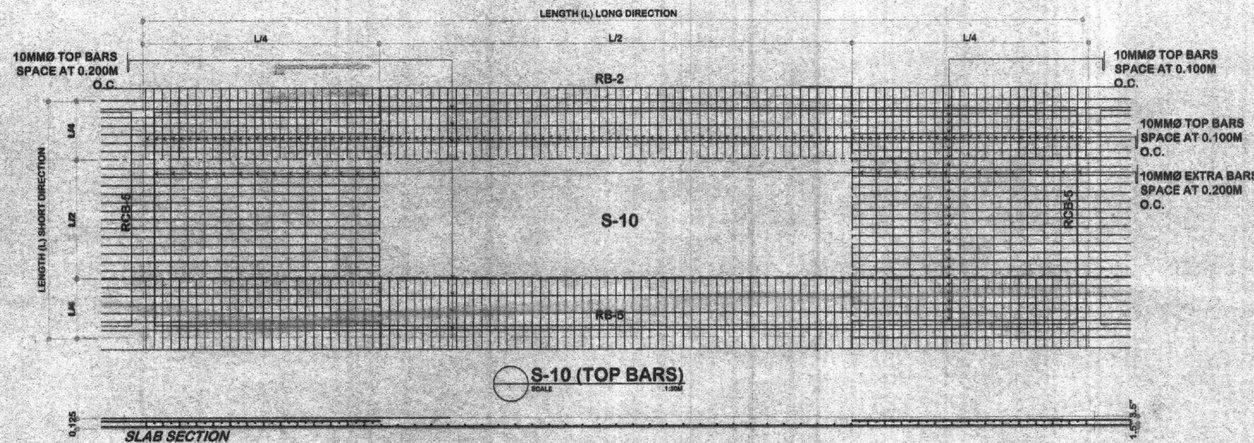


S-9(TOP BARS)
SCALE 1:40M

SLAB-9 (S-9) DETAILS
SCALE 1:40M

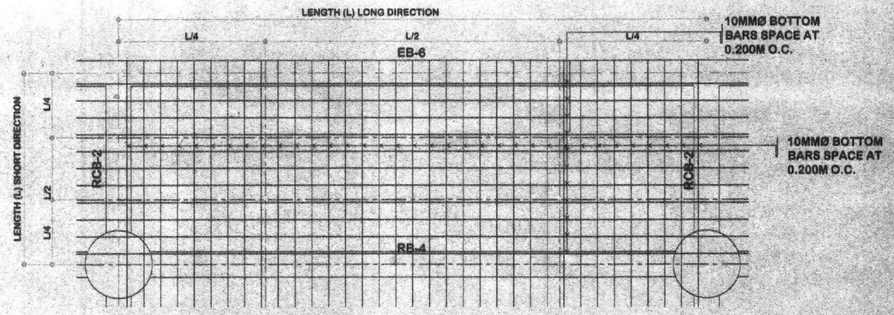


S-10 (BOTTOM BARS)
SCALE 1:30M

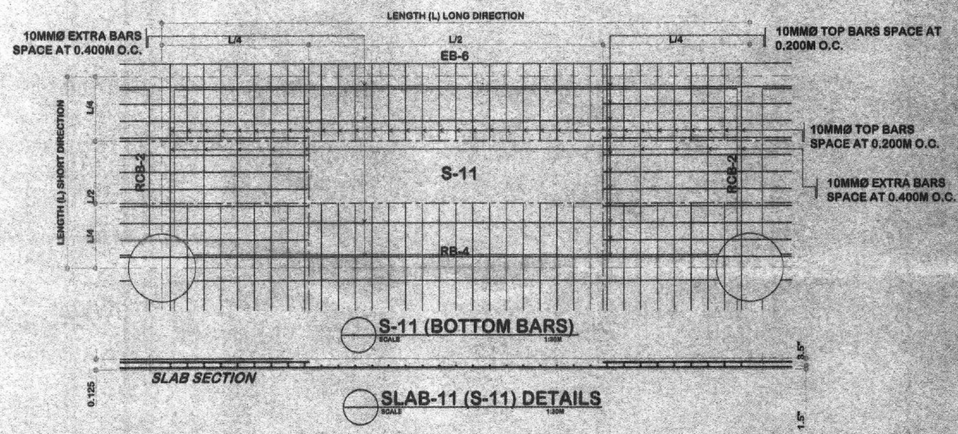


S-10 (TOP BARS)
SCALE 1:30M

SLAB-10 (S-15) DETAILS
SCALE 1:30M



S-11 (BOTTOM BARS)
SCALE 1:30M



S-11 (BOTTOM BARS)
SCALE 1:30M

SLAB-11 (S-11) DETAILS
SCALE 1:30M

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PREPARED BY:

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CIVIL/STRUCTURAL ENGINEER
PRC REG. NO. 10 889 PTR NO. 8016936
TIN: 182 435 160 DATE ISSUED: 01-08-2015

PROJECT : **PROPOSED STUDENT CENTER & EDUCATION COMPLEX**

LOCATION: C.M. RECTO AVENUE LAPASAN, CAGAYAN DE ORO CITY
OWNER : MINDANAO UNIVERSITY OF SCIENCE AND TECHNOLOGY

APPROVED :

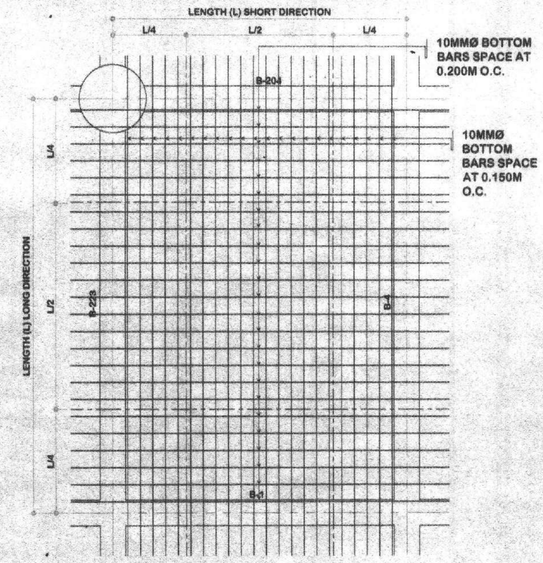
ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

DR. RICARDO E. ROTORAS
MUST PRESIDENT

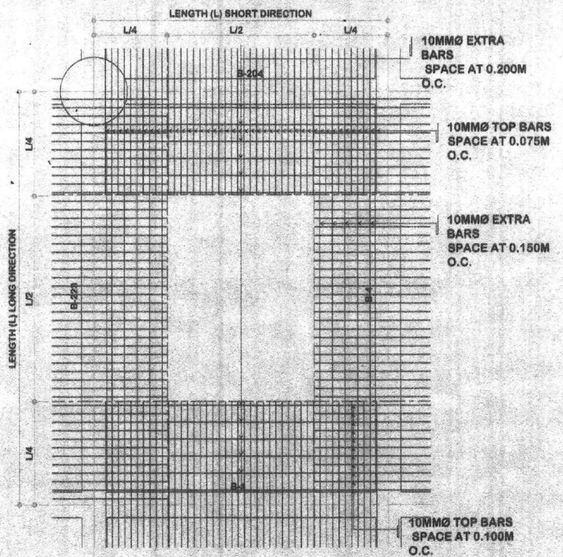
SHEET TITLE: STRUCTURAL
SHEET CONTENTS :
- SLAB-9 DETAILS
- SLAB-10 DETAILS
- SLAB-11 DETAILS

SHEET NO. S13 S19

100/198

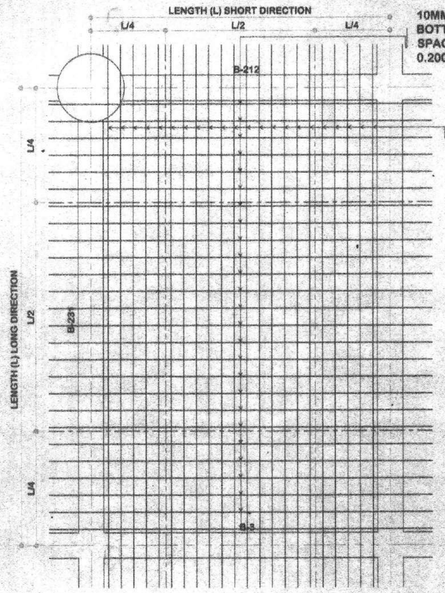


S-3 (BOTTOM BARS)
SCALE 1:40M

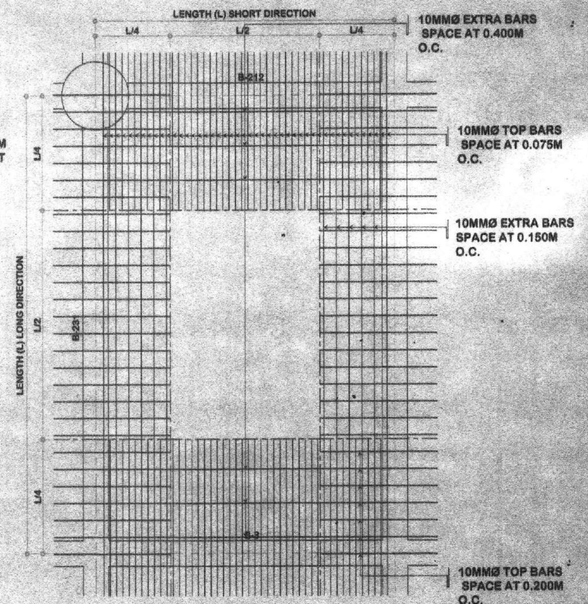


S-3 (TOP BARS)
SCALE 1:40M

SLAB-3 (S-3) DETAILS
SCALE 1:40M



S-4 (BOTTOM BARS)
SCALE 1:40M



S-4 (TOP BARS)
SCALE 1:40M

SLAB-4 (S-4) DETAILS
SCALE 1:40M

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PRC REG. NO. 10 889 | PTR NO. 6016038
TIN: 182 435 160 | DATE ISSUED: 01-08-2015

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ATTY. JONATHAN S. OCHE
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DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS :
- SLAB-3 DETAILS
- SLAB-4 DETAILS

SHEET NO.
S42
S99
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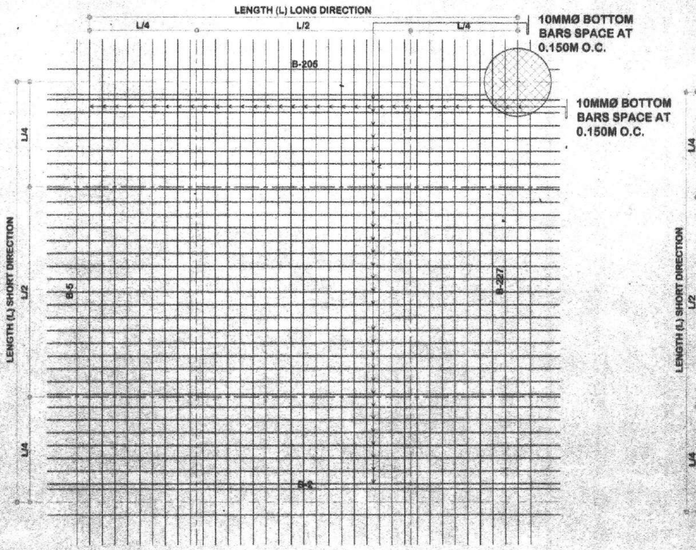
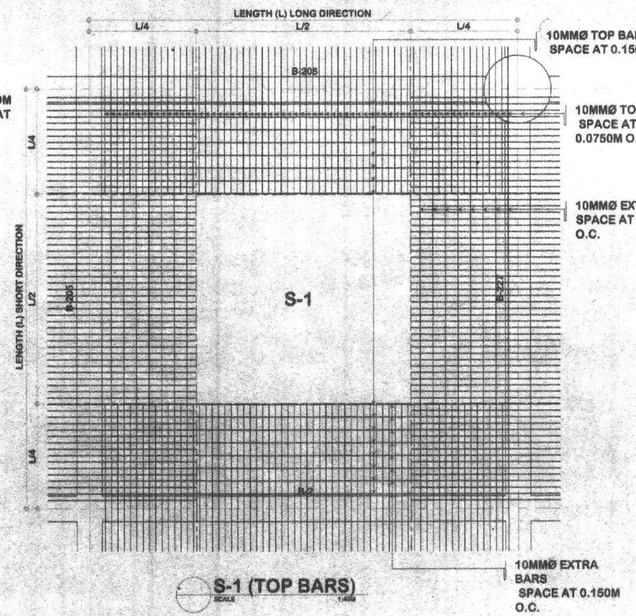
198



S-1 (BOTTOM BARS)
SCALE 1:40M



S-1 (TOP BARS)
SCALE 1:40M

SLAB-1 (S-1) DETAILS
SCALE 1:40M

S-2A
BOTTOM BARS
SHORT DIRECTION-10MM @0.150M O.C
LONG DIRECTION-10MM @0.200M O.C
TOP BARS
SHORT DIRECTION-10MM @ 0.075M O.C (CONT. END)
10MM @ 0.150M O.C (DISCONT. END)
LONG DIRECTION-10MM @0.100M O.C

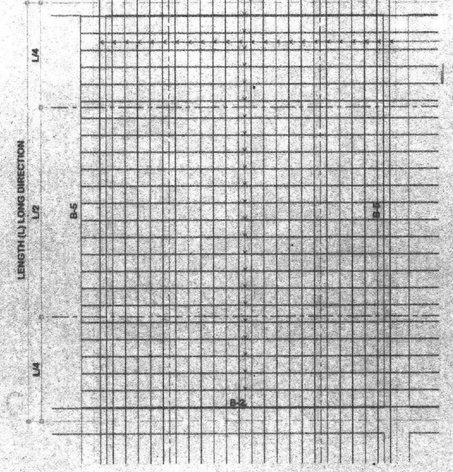
S-5
BOTTOM BARS
SHORT DIRECTION-10MM @0.200M O.C
LONG DIRECTION-10MM @0.200M O.C
TOP BARS
SHORT DIRECTION-10MM @ 0.100M O.C (CONT. END)
10MM @ 0.200M O.C (DISCONT. END)
LONG DIRECTION-10MM @0.100M O.C W/IN L/4 SPAN
10MM @ 0.300M O.C W/IN L/2 SPAN

S-6
BOTTOM BARS
SHORT DIRECTION-10MM @0.150M O.C
LONG DIRECTION-10MM @0.200M O.C
TOP BARS
SHORT DIRECTION-10MM @ 0.075M O.C (CONT. END)
10MM @ 0.150M O.C (DISCONT. END)
LONG DIRECTION-10MM @0.100M O.C W/IN L/4 SPAN
10MM @ 0.300M O.C W/IN L/2 SPAN

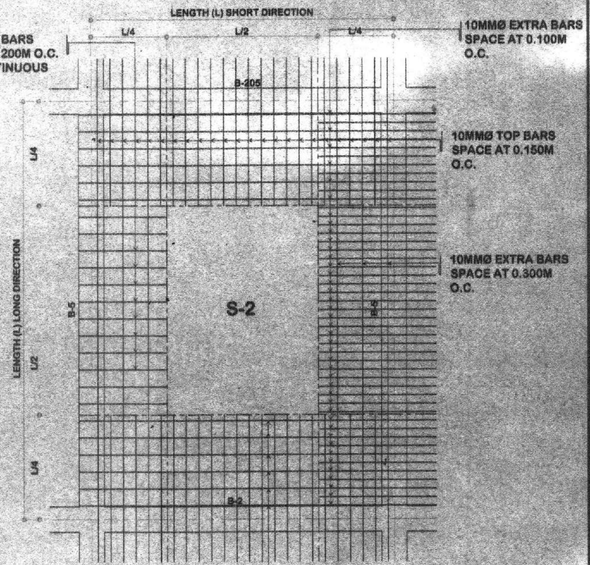
S-7
BOTTOM BARS
SHORT DIRECTION-10MM @0.200M O.C
LONG DIRECTION-10MM @0.200M O.C
TOP BARS
SHORT DIRECTION-10MM @ 0.100M O.C (CONT. END)
10MM @ 0.200M O.C (DISCONT. END)
LONG DIRECTION-10MM @0.100M O.C

S-8
BOTTOM BARS
SHORT DIRECTION-10MM @0.200M O.C
LONG DIRECTION-10MM @0.150M O.C
TOP BARS
SHORT DIRECTION-10MM @ 0.100M O.C (CONT. END)
10MM @ 0.200M O.C (DISCONT. END)
LONG DIRECTION-10MM @0.075M O.C
10MM @0.150 O.C(DISCONT END)

S-9A
BOTTOM BARS
SHORT DIRECTION-10MM @0.200M O.C
LONG DIRECTION-10MM @0.150M O.C
TOP BARS
SHORT DIRECTION-10MM @ 0.100M O.C (CONT. END)
LONG DIRECTION-10MM @0.075M O.C



S-2 (BOTTOM BARS)
SCALE 1:40M



S-2 (TOP BARS)
SCALE 1:40M

SLAB-2 (S-2) DETAILS
SCALE 1:40M

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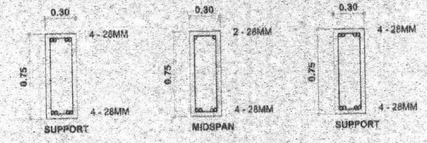
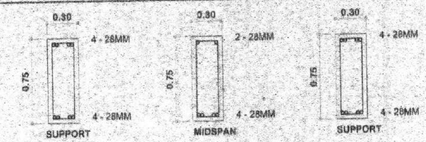
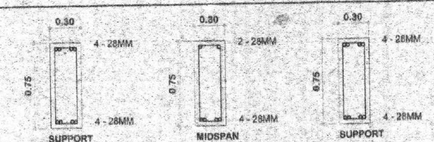
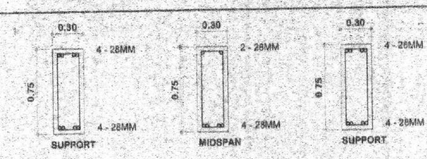
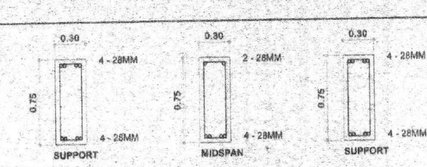
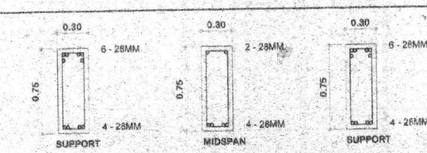
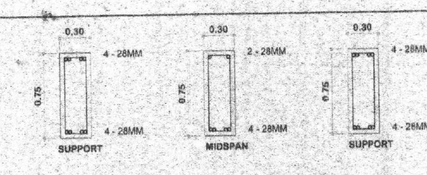
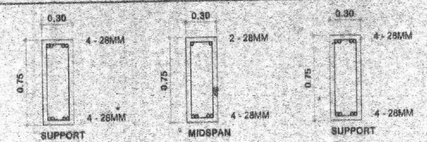
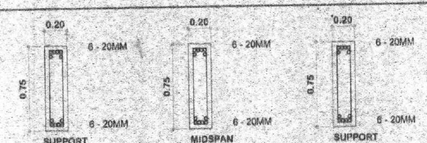
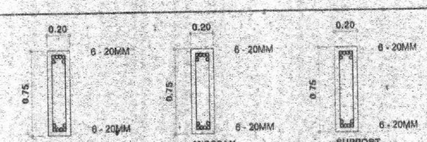
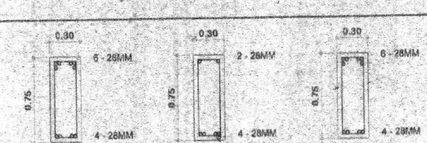
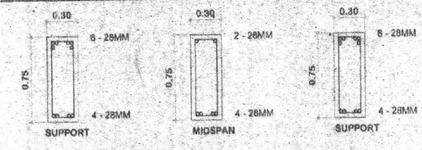
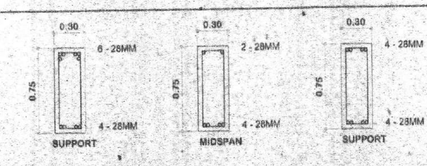
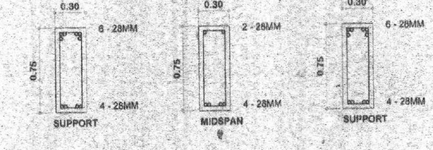
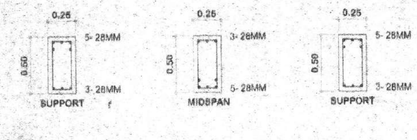
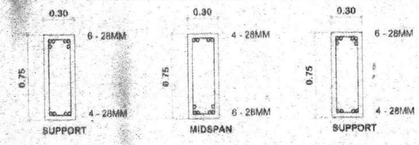
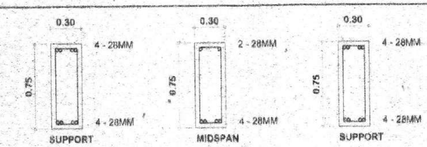
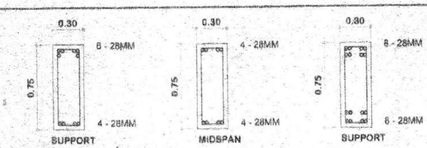
DIRECTOR, ADMINISTRATION
DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS:
- SLAB-1 DETAILS
- SLAB-2 DETAILS

SHEET NO.
S41
S42
98
198

MARK	BEAM SECTIONS	STIRRUPS	
		LEFT	RIGHT
RB - 18		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 19		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 20		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 21		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 22		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 23		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 24		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS	
		LEFT	RIGHT
RB - 25		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 26		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 27		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 28		10MM 1 @ 0.080 8 @ 0.165 3 @ 0.220 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 29		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 30		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 31		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS	
		LEFT	RIGHT
RB - 00		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 2A		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 32A		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 16A		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

SCHEDULE OF BEAM DETAILS

SCALE: 1:30M

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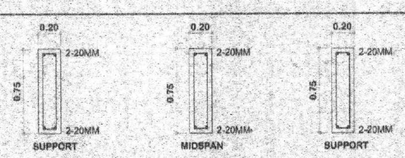
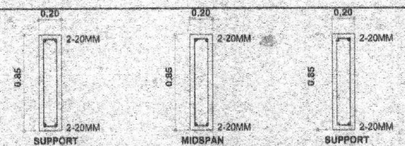
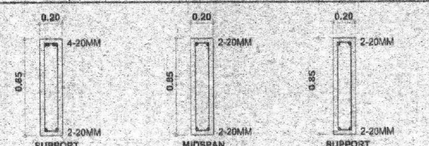
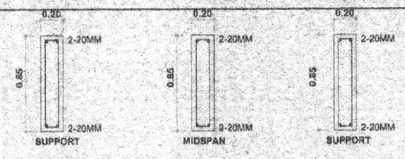
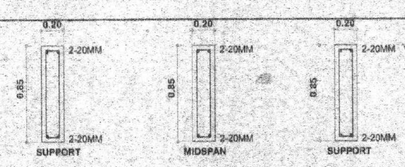
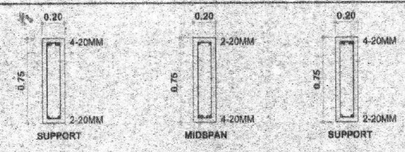
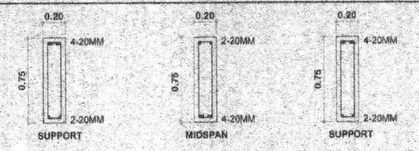
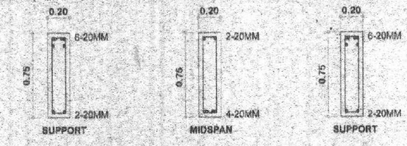
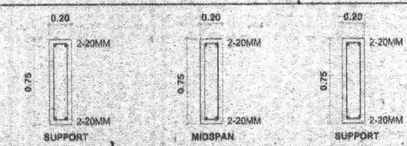
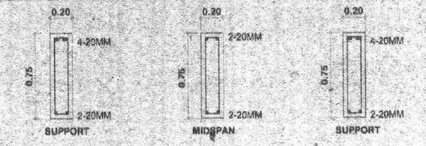
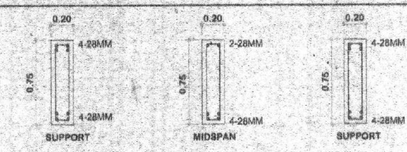
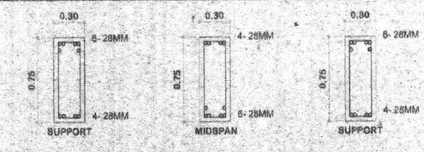
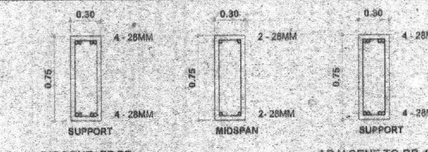
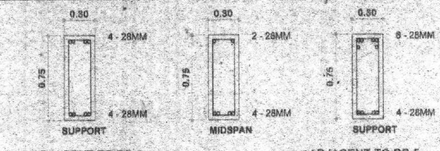
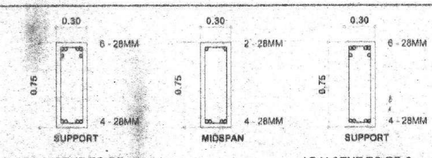
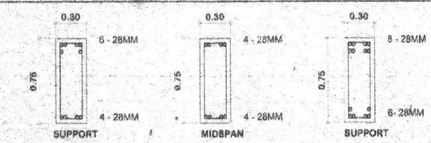
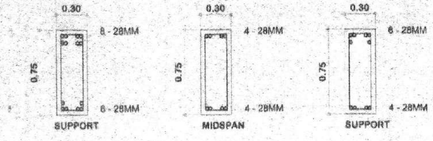
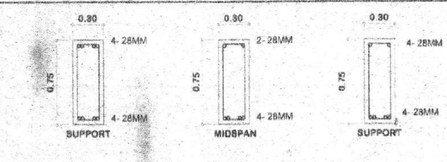
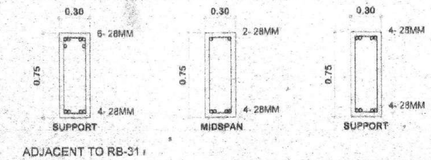
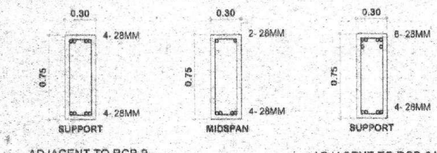
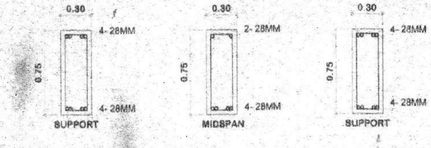
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS
- SCHEDULE OF BEAM DETAILS

SHEET NO.
S40
S49

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
EB - 4 (3rd-8th)		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
EB - 1A (2nd Foor)		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
EB - 2A (2nd Foor)		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
EB - 3A (2nd Foor)		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
EB - 4A (2nd Foor)		10MM 1 @ 0.150 REST @ 0.300 O.C. STRUCTURAL	10MM 1 @ 0.150 REST @ 0.300 O.C.
EB - 5		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
EB - 6		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
EB - 7		10MM 2 @ 0.030 1 @ 0.040 1 @ 0.060 1 @ 0.125 REST @ 0.300 O.C.	10MM 2 @ 0.030 1 @ 0.040 1 @ 0.060 1 @ 0.125 REST @ 0.300 O.C.
EB - 8		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
EB - 9		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 1		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 2		10MM 1 @ 0.065 REST @ 0.135 O.C.	10MM 1 @ 0.065 REST @ 0.135 O.C.
RB - 3		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 4		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
RB - 5		10MM 1 @ 0.045 REST @ 0.095 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 6		10MM 1 @ 0.085 7 @ 0.135 4 @ 0.140 REST @ 0.145 O.C.	10MM 1 @ 0.070 REST @ 0.145 O.C.
RB - 7		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 10A		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 32		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 33		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
RB - 34		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

- SCHEDULE OF BEAM DETAILS

SCHEDULE OF BEAM DETAILS

SCALE 1:30M

REPUBLIC OF THE PHILIPPINES
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PRC REG. NO. 10 889 | PTR NO. 5016938 | TIN: 182 435 160 | DATE ISSUED: 01-08-2015

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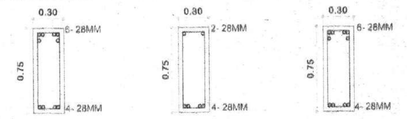
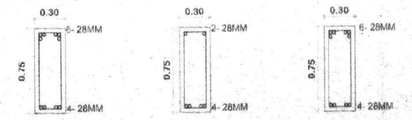
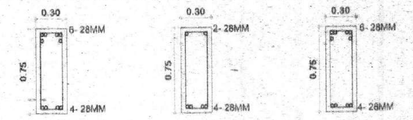
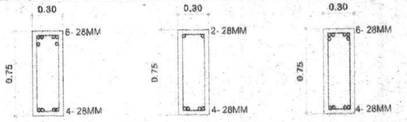
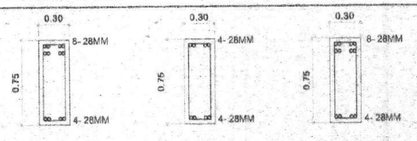
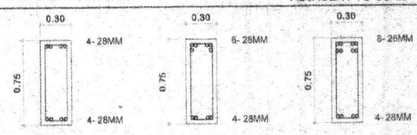
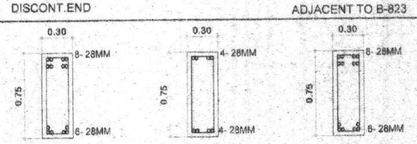
APPROVED :

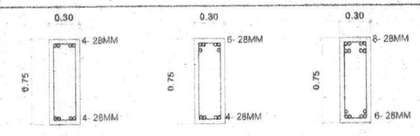
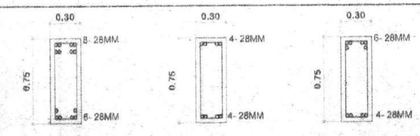
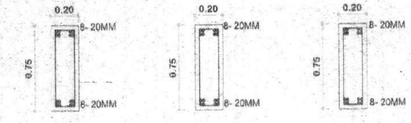
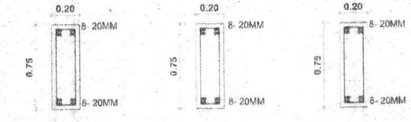
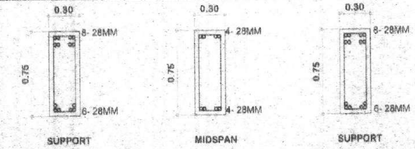
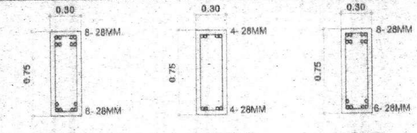
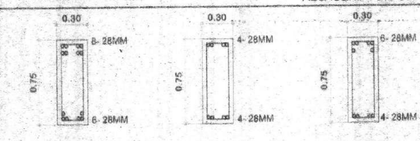
ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

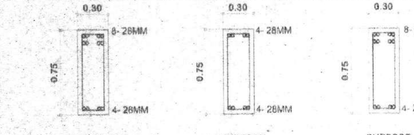
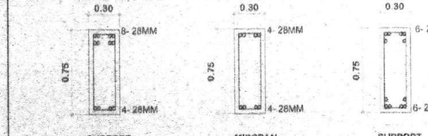
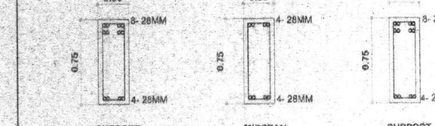
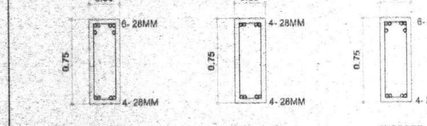
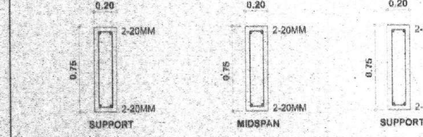
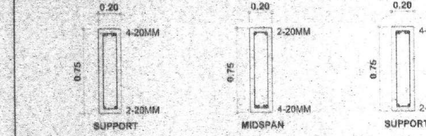
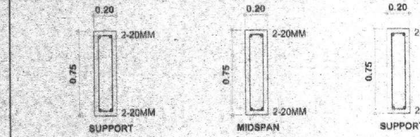
DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS :
- SCHEDULE OF BEAM DETAILS

SHEET NO. S39 S49 96 198

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 819		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 820		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 821		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 822		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 823		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 823A		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 824		10MM 1 @0.145 REST @ 0.290 O.C.	10MM 1 @0.145 REST @ 0.290 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 824A		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 825		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 826		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 827		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 828		10MM 1 @ 0.110 7 @ 0.220 REST @ 0.290 O.C.	10MM 1 @ 0.110 7 @ 0.220 REST @ 0.290 O.C.
B - 829		10MM 1 @ 0.095 7 @ 0.195 3 @ 0.230 3 @ 0.270 REST @ 0.300 O.C.	10MM 1 @ 0.105 5 @ 0.215 3 @ 0.245 3 @ 0.290 REST @ 0.300 O.C.
B - 830		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 831		10MM 1 @ 0.070 11 @ 0.145 5 @ 0.195 3 @ 0.295 REST @ 0.300 O.C.	10MM 1 @ 0.085 9 @ 0.175 4 @ 0.230 REST @ 0.300 O.C.
B - 832		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 833		10MM 1 @ 0.085 9 @ 0.175 4 @ 0.230 REST @ 0.300 O.C.	10MM 1 @ 0.080 13 @ 0.125 6 @ 0.165 4 @ 0.245 REST @ 0.300 O.C.
B - 834		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
EB - 1 (3rd-8th)		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
EB - 2 (3rd-8th)		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
EB - 3 (3rd-8th)		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

SCHEDULE OF BEAMS DETAILS

SCALE: 1:30M

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SHEET TITLE: STRUCTURAL
SHEET CONTENTS:
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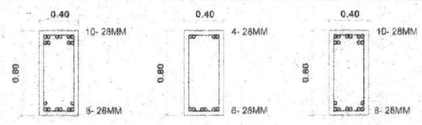
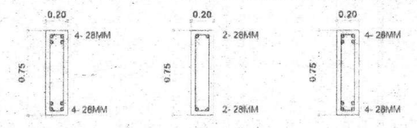
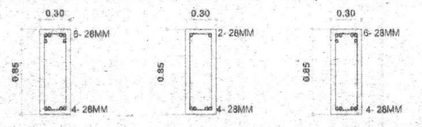
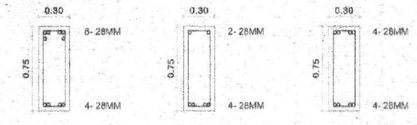
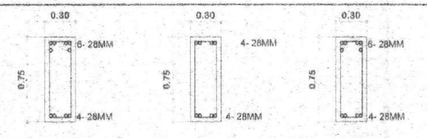
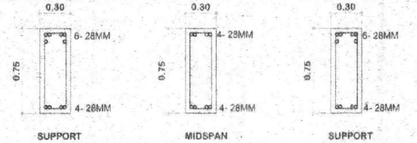
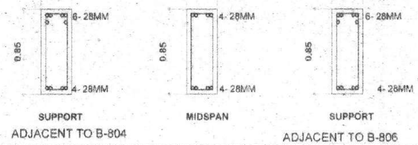
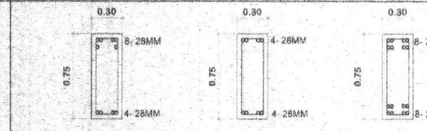
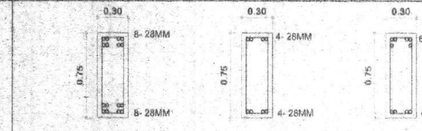
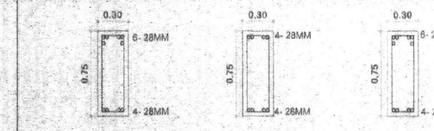
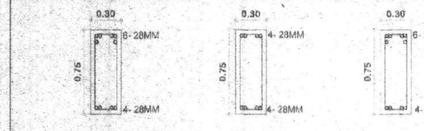
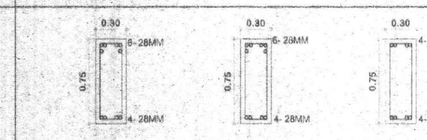
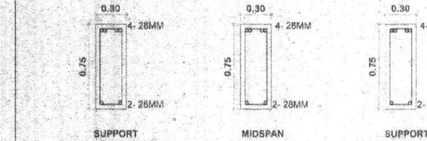
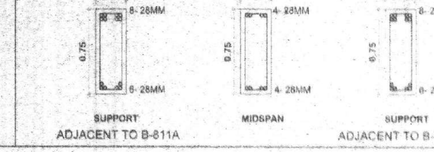
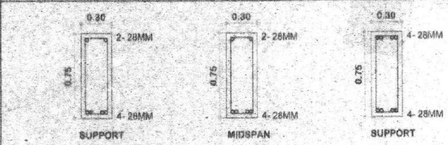
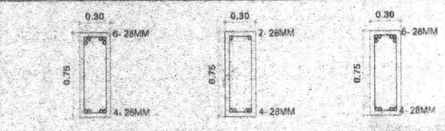
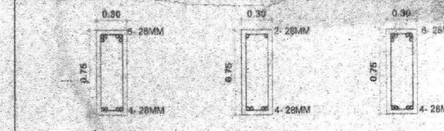
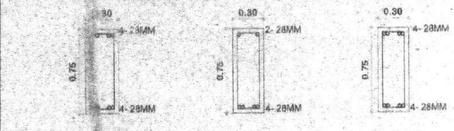
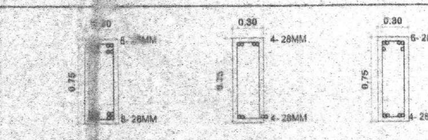
SHEET NO. S38 S49

95
198

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 734		10MM 1 @0.085 9 @ 0.175 4 @ 0.210 REST @ 0.255 O.C.	10MM 1 @0.085 9 @ 0.175 4 @ 0.210 REST @ 0.255 O.C.
B - 801		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 802	 ADJACENT TO B-802A	10MM 1 @ 0.125 9 @ 0.250 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 802A	 ADJACENT TO B-802 DISCONT. END	10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 803	 DISCONT. END ADJACENT TO B-804	10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 804	 ADJACENT TO B-803 ADJACENT TO B-805	10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 805	 ADJACENT TO B-804 ADJACENT TO B-806	10MM 1 @0.070 15 @0.145 10 @0.150 9 @0.155 REST @ 0.160 O.C.	10MM 1 @0.070 15 @0.145 10 @0.150 9 @0.155 REST @ 0.160 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 806	 ADJACENT TO B-805	10MM 1 @0.070 7 @0.145 2 @0.150 2 @0.155 REST @ 0.160 O.C.	10MM 1 @0.080 REST @ 0.185 O.C.
B - 807	 ADJACENT TO B-806	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 808	 ADJACENT TO B-809	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 809	 ADJACENT TO B-808 ADJACENT TO B-810	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 810	 ADJACENT TO B-809	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 810A	 ADJACENT TO B-811A ADJACENT TO B-812	10MM 1 @ 0.125 REST @ 0.255 O.C.	10MM 1 @ 0.125 REST @ 0.255 O.C.
B - 811	 ADJACENT TO B-811A ADJACENT TO B-812	10MM 1 @ 0.140 REST @ 0.250 O.C.	10MM 1 @ 0.140 REST @ 0.250 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 811A	 DISCONT. END ADJACENT TO B-811	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 812	 ADJACENT TO B-811	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 813		10MM 1@0.150 REST @ 0.300 O.C.	10MM 1@0.150 REST @ 0.300 O.C.
B - 814	 ADJACENT TO EB-2	10MM 1@0.150 REST @ 0.300 O.C.	10MM 1@0.150 REST @ 0.300 O.C.
B - 816	 ADJACENT TO B-817	10MM 1@0.150 REST @ 0.300 O.C.	10MM 1@0.150 REST @ 0.300 O.C.
B - 817	 ADJACENT TO B-818	10MM 1@0.150 REST @ 0.300 O.C.	10MM 1@0.150 REST @ 0.300 O.C.
B - 818	 ADJACENT TO B-720	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

SCHEDULE OF BEAM DETAILS

SCALE: 1:100

REPUBLIC OF THE PHILIPPINES
MINDANAO UNIVERSITY OF SCIENCE & TECHNOLOGY

C.M. Recto Avenue, Lapasan 9000 Cagayan de Oro City
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PREPARED BY:

ENGR. CARLITO P. TALABOC, Ph.D.
CIVIL/STRUCTURAL ENGINEER
PRC REG. NO. 10 889 PTR NO. 6016938
TIN: 182 436 160 DATE ISSUED: 01-03-2016

PROJECT: **PROPOSED STUDENT CENTER & EDUCATION COMPLEX**

LOCATION: C.M. RECTO AVENUE LAPASAN, CAGAYAN DE ORO CITY
OWNER : MINDANAO UNIVERSITY OF SCIENCE AND TECHNOLOGY

APPROVED:

DR. JONATHAN S. OCHE
DIRECTOR, PHYSICAL PLANT ADMINISTRATOR

DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS:
- SCHEDULE OF BEAM DETAILS

SHEET NO. S-9 S-9

9A
19B

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 712	0.35 / 0.80 / 8- 28MM / 5- 28MM — SUPPORT; 0.35 / 0.80 / 4- 28MM / 4- 28MM — MIDSPAN; 0.35 / 0.80 / 8- 28MM / 6- 28MM — SUPPORT	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 713	0.35 / 0.80 / 8- 28MM / 5- 28MM — SUPPORT ADJACENT TO B-712; 0.35 / 0.80 / 4- 28MM / 4- 28MM — MIDSPAN; 0.35 / 0.80 / 8- 28MM / 6- 28MM — SUPPORT	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 714	0.35 / 0.80 / 6- 28MM / 5- 28MM — SUPPORT; 0.35 / 0.80 / 4- 28MM / 4- 28MM — MIDSPAN; 0.35 / 0.80 / 6- 28MM / 6- 28MM — SUPPORT	10MM 1@0.150 REST @ 0.300 O.C.	10MM 1@0.150 REST @ 0.300 O.C.
B - 716	0.35 / 0.80 / 8- 28MM / 8- 28MM — SUPPORT ADJACENT TO CB-07; 0.35 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.35 / 0.80 / 8- 28MM / 6- 28MM — SUPPORT ADJACENT TO B-717	10MM 1 @0.140 REST @ 0.280 O.C.	10MM 1 @0.140 REST @ 0.280 O.C.
B - 717	0.35 / 0.80 / 8- 28MM / 6- 28MM — SUPPORT ADJACENT TO B-716; 0.35 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.35 / 0.80 / 8- 28MM / 6- 28MM — SUPPORT	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 718	0.35 / 0.80 / 6- 28MM / 6- 28MM — SUPPORT; 0.35 / 0.80 / 4- 28MM / 4- 28MM — MIDSPAN; 0.35 / 0.80 / 6- 28MM / 6- 28MM — SUPPORT	10MM 1 @ 0.095 REST @ 0.195 O.C.	10MM 1 @ 0.065 6 @ 0.170 2 @ 0.175 REST @ 0.185 O.C.
B - 719	0.40 / 0.80 / 10- 28MM / 10- 28MM — SUPPORT; 0.40 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.40 / 0.80 / 10- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-720	10MM 1 @ 0.055 11 @ 0.115 4 @ 0.115 REST @ 0.120 O.C.	10MM 1 @ 0.055 11 @ 0.110 4 @ 0.115 REST @ 0.120 O.C.
B - 720	0.40 / 0.80 / 10- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-719; 0.40 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.40 / 0.80 / 8- 28MM / 6- 28MM — SUPPORT	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 721	0.40 / 0.80 / 10- 28MM / 5- 28MM — SUPPORT; 0.40 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.40 / 0.80 / 10- 28MM / 6- 28MM — SUPPORT	10MM 1 @0.090 6 @0.185 4 @0.225 REST @ 0.290 O.C.	10MM 1 @0.085 9 @0.170 4 @0.210 REST @ 0.275 O.C.
B - 722	0.40 / 0.80 / 10- 28MM / 5- 28MM — SUPPORT; 0.40 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.40 / 0.80 / 8- 28MM / 5- 28MM — SUPPORT	10MM 1 @0.130 REST @ 0.265 O.C.	10MM 1 @0.130 REST @ 0.265 O.C.
B - 723	0.40 / 0.80 / 10- 28MM / 5- 28MM — SUPPORT; 0.40 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.40 / 0.80 / 10- 28MM / 6- 28MM — SUPPORT	10MM 1 @0.095 8 @0.195 REST @ 0.255 O.C.	10MM 1 @0.095 8 @0.195 REST @ 0.255 O.C.
B - 724	0.40 / 0.80 / 12- 28MM / 8- 28MM — SUPPORT; 0.40 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.40 / 0.80 / 10- 28MM / 8- 28MM — SUPPORT	10MM 1 @ 0.080 11 @ 0.165 5 @ 0.200 REST @ 0.280 O.C.	10MM 1 @ 0.110 8 @ 0.220 REST @ 0.265 O.C.
B - 725	0.40 / 0.80 / 10- 28MM / 8- 28MM — SUPPORT; 0.40 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.40 / 0.80 / 8- 28MM / 8- 28MM — SUPPORT	12MM 1 @0.070 REST @ 0.140 O.C.	12MM 1 @0.075 REST @ 0.155 O.C.
B - 726	0.20 / 0.80 / 8- 20MM / 8- 20MM — SUPPORT; 0.20 / 0.80 / 8- 20MM / 8- 20MM — MIDSPAN; 0.20 / 0.80 / 8- 20MM / 8- 20MM — SUPPORT	10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 727	0.20 / 0.80 / 8- 20MM / 8- 20MM — SUPPORT ADJACENT TO B-525; 0.20 / 0.80 / 8- 20MM / 8- 20MM — MIDSPAN; 0.20 / 0.80 / 8- 20MM / 8- 20MM — SUPPORT	10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 728	0.40 / 0.80 / 10- 28MM / 6- 28MM — SUPPORT ADJACENT TO CB-76; 0.40 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.40 / 0.80 / 12- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-729	1 @ 0.100 8 @ 0.205 REST @ 0.275 O.C.	1 @ 0.110 7 @ 0.225 REST @ 0.290 O.C.
B - 729	0.40 / 0.80 / 12- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-728; 0.40 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.40 / 0.80 / 12- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-730	10MM 1 @ 0.055 13 @ 0.110 6 @ 0.155 5 @ 0.130 REST @ 0.140 O.C.	10MM 1 @ 0.055 12 @ 0.115 6 @ 0.125 5 @ 0.130 REST @ 0.145 O.C.
B - 730	0.40 / 0.80 / 12- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-729; 0.40 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.40 / 0.80 / 8- 28MM / 8- 28MM — SUPPORT DISCONT. END	12MM 1 @ 0.065 REST @ 0.130 O.C.	12MM 1 @ 0.065 REST @ 0.130 O.C.
B - 731	0.40 / 0.80 / 12- 28MM / 6- 28MM — SUPPORT ADJACENT TO CB-77; 0.40 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.40 / 0.80 / 10- 28MM / 8- 28MM — SUPPORT ADJACENT TO B-732	10MM 1 @ 0.085 10 @ 0.170 REST @ 0.225 O.C.	10MM 1 @ 0.100 8 @ 0.205 REST @ 0.270 O.C.
B - 732	0.40 / 0.80 / 10- 28MM / 6- 28MM — SUPPORT ADJACENT TO B-731; 0.40 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.40 / 0.80 / 10- 28MM / 10- 28MM — SUPPORT ADJACENT TO CB-78	10MM 1 @ 0.050 12 @ 0.100 5 @ 0.110 5 @ 0.115 REST @ 0.125 O.C.	10MM 1 @ 0.060 11 @ 0.120 REST @ 0.125 O.C.
B - 733	0.40 / 0.80 / 10- 28MM / 5- 28MM — SUPPORT; 0.40 / 0.80 / 4- 28MM / 6- 28MM — MIDSPAN; 0.40 / 0.80 / 12- 28MM / 6- 28MM — SUPPORT	10MM 1 @ 0.110 8 @ 0.220 REST @ 0.295 O.C.	10MM 1 @ 0.070 13 @ 0.145 5 @ 0.160 REST @ 0.285 O.C.

SCHEDULE OF BEAM DETAILS

SCALE: 1:30M

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CIVIL/STRUCTURAL ENGINEER
PRC REG. NO. 10 880 PTR NO. 8016938
TIN: 182 435 160 DATE ISSUED: 01-08-2018

APPROVED:

ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

DR. RICARDO E. ROTORAS
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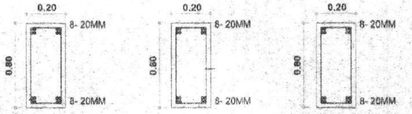
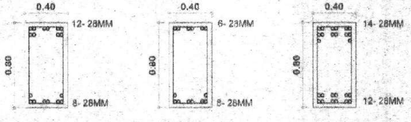
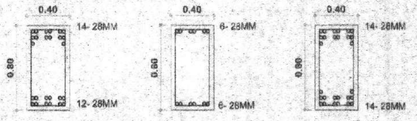
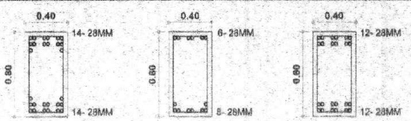
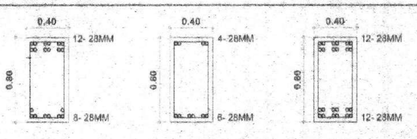
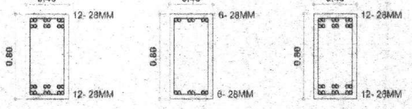
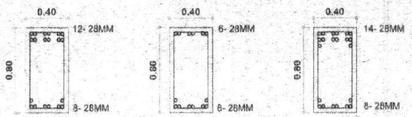
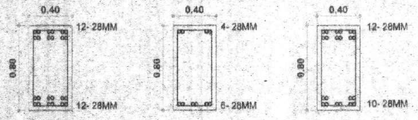
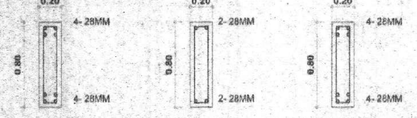
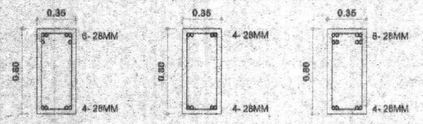
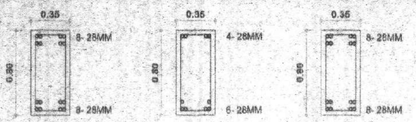
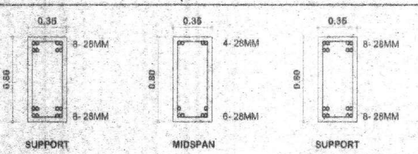
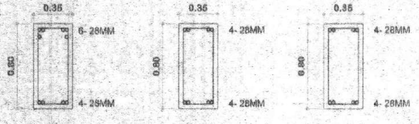
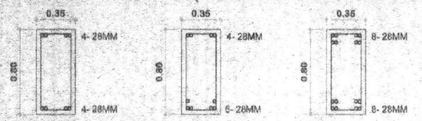
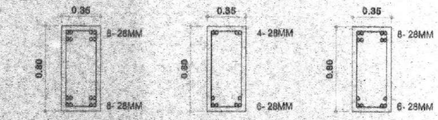
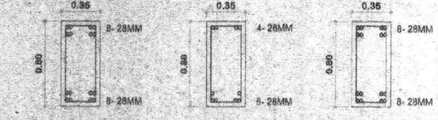
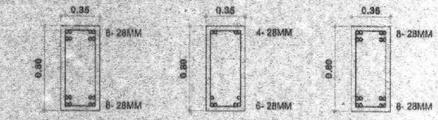
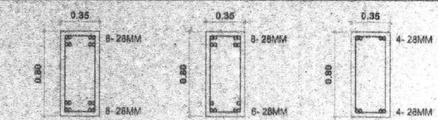
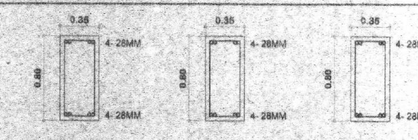
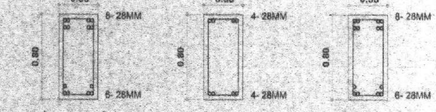
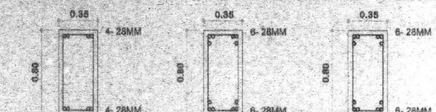
SHEET TITLE: STRUCTURAL
SHEET CONTENTS:
- SCHEDULE OF BEAM DETAILS

SHEET NO. S36 S49

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 627		1 @ 0.150 REST @ 0.300 O.C.	1 @ 0.150 REST @ 0.300 O.C.
B - 628		10MM 1 @ 0.095 9 @ 0.190 REST @ 0.250 O.C.	10MM 1 @ 0.100 8 @ 0.205 REST @ 0.275 O.C.
B - 629		12MM 1 @ 0.080 11 @ 0.125 5 @ 0.135 5 @ 0.140 REST @ 0.155 O.C.	12MM 1 @ 0.080 11 @ 0.125 5 @ 0.135 5 @ 0.140 REST @ 0.155 O.C.
B -630		BUNDLE OF 2'S 12MM 1 @ 0.070 REST @ 0.140 O.C.	12MM 1 @ 0.070 REST @ 0.140 O.C.
B - 631		10MM 1 @ 0.080 11 @ 0.160 REST @ 0.215 O.C.	10MM 1 @ 0.095 9 @ 0.190 REST @ 0.250 O.C.
B - 632		12MM 1 @ 0.050 12 @ 0.100 REST @ 0.110 O.C.	12MM 1 @ 0.055 11 @ 0.110 REST @ 0.115 O.C.
B - 633		10MM 1 @ 0.100 9 @ 0.200 REST @ 0.270 O.C.	10MM 1 @ 0.070 13 @ 0.140 6 @ 0.185 REST @ 0.275 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 634		10MM 1 @ 0.060 11 @ 0.130 5 @ 0.150 5 @ 0.170 REST @ 0.200 O.C.	10MM 1 @ 0.060 11 @ 0.130 5 @ 0.150 5 @ 0.170 REST @ 0.200 O.C.
B - 701		10MM 1 @ 0.135 4 @ 0.270 REST @ 0.300 O.C.	10MM 1 @ 0.135 4 @ 0.275 REST @ 0.295 O.C.
B - 702		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 703		10MM 1 @ 0.070 5 @ 0.140 3 @ 0.150 3 @ 0.155 REST @ 0.165 O.C.	10MM 1 @ 0.065 5 @ 0.130 3 @ 0.140 3 @ 0.150 REST @ 0.160 O.C.
B - 704		10MM 1 @ 0.125 6 @ 0.255 REST @ 0.300 O.C.	10MM 1 @ 0.100 7 @ 0.205 3 @ 0.245 REST @ 0.300 O.C.
B - 705		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 706		10MM 1 @ 0.125 5 @ 0.250 2 @ 0.275 2 @ 0.295 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 707		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 708		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 709		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 710		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 710A		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 711		10MM 1 @ 0.145 REST @ 0.290 O.C.	10MM 1 @ 0.145 REST @ 0.290 O.C.
B - 711A		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

SCHEDULE OF BEAMS DETAILS

SCALE: 1:30M

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PRC REG. NO. 10 889 PTR NO. 6016938
TIN: 182 435 160 DATE ISSUED: 01-08-2015

PROJECT: **PROPOSED STUDENT CENTER & EDUCATION COMPLEX**

LOCATION: C.M. RECTO AVENUE LAPASAN, CAGAYAN DE ORO CITY
OWNER: MINDANAO UNIVERSITY OF SCIENCE AND TECHNOLOGY

APPROVED:

ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS
- SCHEDULE OF BEAM DETAILS

SHEET NO. S25 S49

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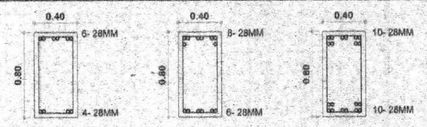
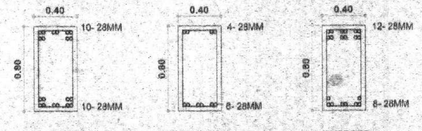
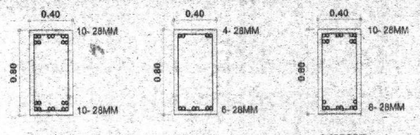
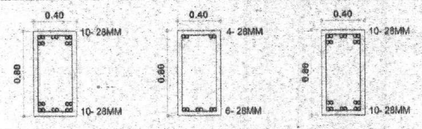
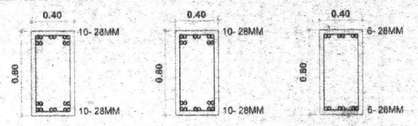
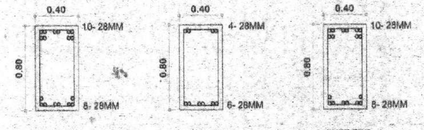
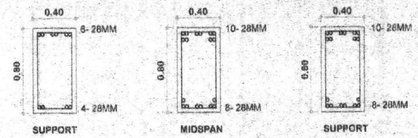
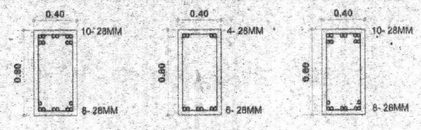
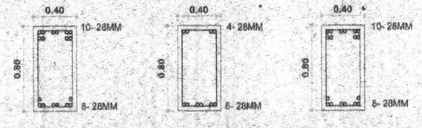
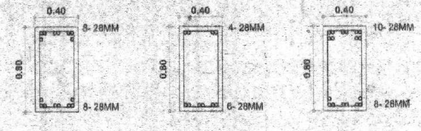
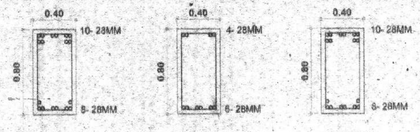
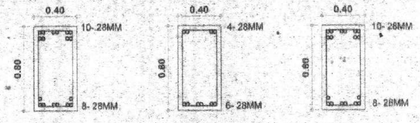
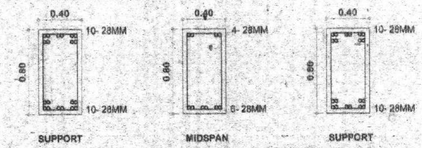
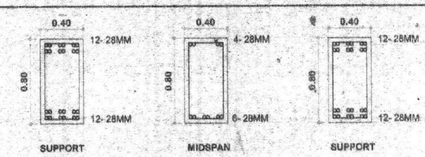
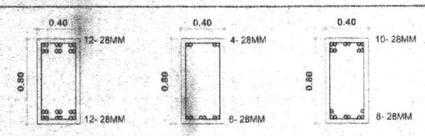
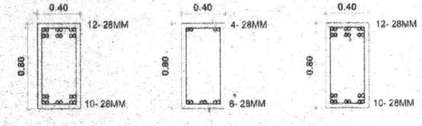
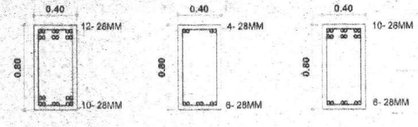
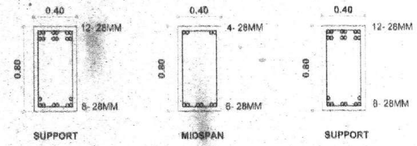
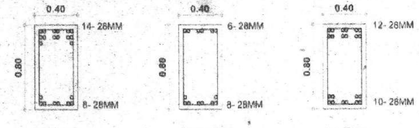
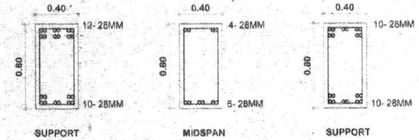
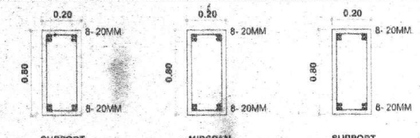
MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 606		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 607		10MM 1 @ 0.065 7 @ 0.195 3 @ 0.215 3 @ 0.235 REST @ 0.270 O.C.	10MM 1 @ 0.075 9 @ 0.150 4 @ 0.175 4 @ 0.205 REST @ 0.245 O.C.
B - 608		10MM 1 @ 0.105 7 @ 0.215 3 @ 0.235 3 @ 0.255 REST @ 0.385 O.C.	10MM 1 @ 0.090 8 @ 0.180 4 @ 0.200 3 @ 0.230 REST @ 0.265 O.C.
B - 609		10MM 1 @ 0.120 6 @ 0.240 3 @ 0.275 REST @ 0.300 O.C.	10MM 1 @ 0.095 8 @ 0.195 4 @ 0.225 3 @ 0.275 REST @ 0.300 O.C.
B - 610		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B -611		10MM 1 @ 0.090 7 @ 0.185 3 @ 0.215 3 @ 0.250 REST @ 0.300 O.C.	10MM 1 @ 0.100 7 @ 0.200 3 @ 0.225 3 @ 0.260 REST @ 0.300 O.C.
B - 611A		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 612		10MM 1 @ 0.125 6 @ 0.255 REST @ 0.300 O.C.	10MM 1 @ 0.130 6 @ 0.265 REST @ 0.300 O.C.
B - 613		10MM 1@0.150 REST @ 0.300 O.C.	10MM 1@0.150 REST @ 0.300 O.C.
B - 614		10MM 1@0.150 REST @ 0.300 O.C.	10MM 1@0.150 REST @ 0.300 O.C.
B - 616		10MM 1 @ 0.085 3 @ 0.175 3 @ 0.195 3 @ 0.225 REST @ 0.255 O.C.	10MM 1 @ 0.090 7 @ 0.185 3 @ 0.205 3 @ 0.230 REST @ 0.260 O.C.
B - 617		10MM 1 @ 0.130 6 @ 0.260 REST @ 0.300 O.C.	10MM 1 @ 0.130 6 @ 0.260 REST @ 0.300 O.C.
B - 618		10MM 1 @ 0.045 REST @ 0.095 O.C.	10MM 1 @ 0.040 12 @ 0.065 REST @ 0.090 O.C.
B - 619		BUNDLE OF 2'S 10MM 1 @ 0.075 11 @ 0.155 3 @ 0.160 REST @ 0.165 O.C.	BUNDLE OF 2'S 10MM 1 @ 0.075 8 @ 0.150 3 @ 0.155 3 @ 0.160 REST @ 0.165 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 620	ADJACENT TO B-618 	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 621		10MM 1 @ 0.070 11 @ 0.140 5 @ 0.165 4 @ 0.200 REST @ 0.250 O.C.	10MM 1 @ 0.065 11 @ 0.135 5 @ 0.160 4 @ 0.195 REST @ 0.245 O.C.
B - 622		10MM 1 @ 0.095 6 @ 0.195 5 @ 0.300 4 @ 0.210 REST @ 0.220 O.C.	10MM 1 @ 0.155 REST @ 0.230 O.C.
B - 623		10MM 1 @ 0.085 10 @ 0.170 REST @ 0.225 O.C.	10MM 1 @ 0.085 10 @ 0.170 REST @ 0.225 O.C.
B - 624		10MM 1 @ 0.075 11 @ 0.150 9 @ 0.185 REST @ 0.235 O.C.	10MM 1 @ 0.095 9 @ 0.195 8 @ 0.235 REST @ 0.290 O.C.
B - 625		BUNDLE OF 2'S 12MM 1 @ 0.075 REST @ 0.150 O.C.	BUNDLE OF 2'S 12MM 1 @ 0.075 REST @ 0.150 O.C.
B - 626		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

SCHEDULE OF BEAM DETAILS

SCALE: 1:30M

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APPROVED :

ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS :
- SCHEDULE OF BEAM DETAILS

SHEET NO. S-24 S-49

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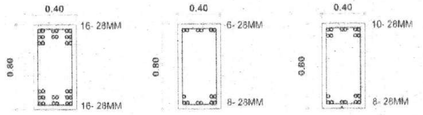
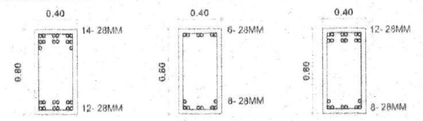
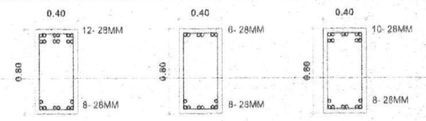
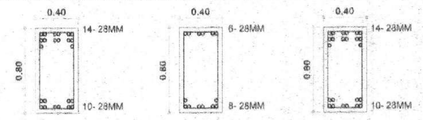
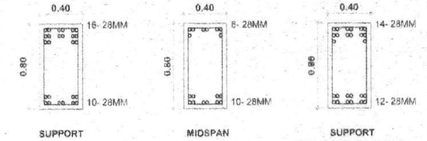
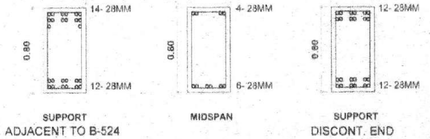
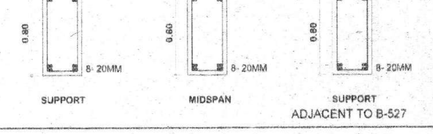
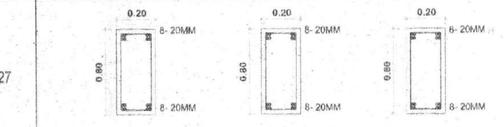
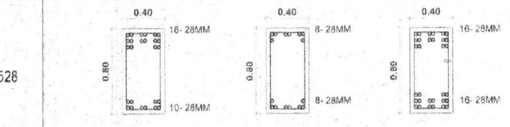
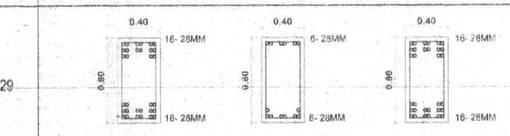
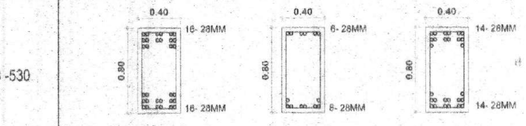
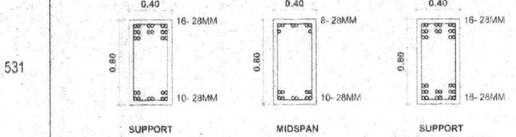
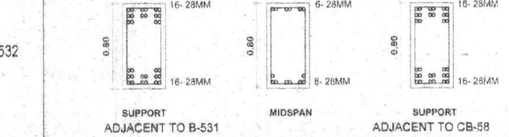
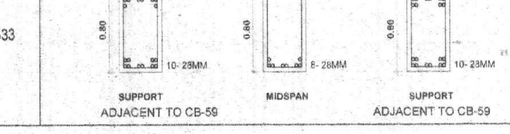
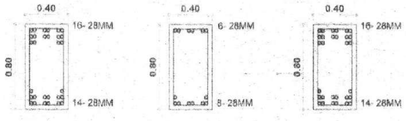
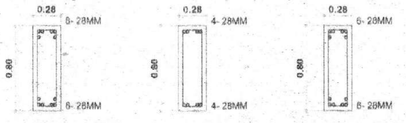
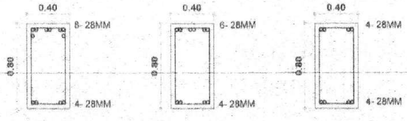
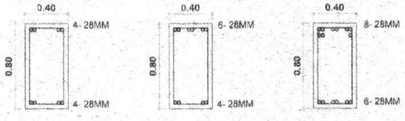
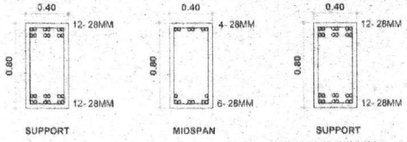
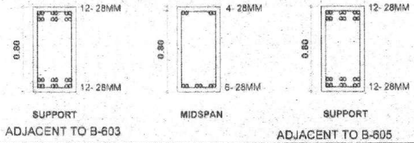
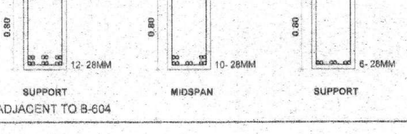
MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 520		10MM 1 @ 0.105 6 @ 0.210 4 @ 0.265 REST @ 0.300 O.C.	10MM 1 @ 0.110 7 @ 0.225 4 @ 0.280 REST @ 0.300 O.C.
B - 521		10MM 1 @ 0.070 REST @ 0.085 O.C.	10MM 1 @ 0.070 REST @ 0.085 O.C.
B - 522		10MM 1 @0.050 15 @0.100 8 @0.115 7 @0.125 REST @ 0.145 O.C.	10MM 1 @0.050 15 @0.100 8 @0.115 7 @0.125 REST @ 0.145 O.C.
B - 523		10MM 1 @0.060 14 @0.125 7 @0.150 5 @0.195 REST @ 0.280 O.C.	10MM 1 @0.060 14 @0.125 7 @0.150 5 @0.195 REST @ 0.280 O.C.
B - 524		10MM 1 @ 0.060 14 @ 0.120 7 @ 0.140 6 @ 0.170 REST @ 0.220 O.C.	10MM 1 @ 0.075 12 @ 0.150 6 @ 0.170 5 @ 0.200 REST @ 0.240 O.C.
B - 525		BUNDLE OF 2'S 12MM 1 @0.035 REST @ 0.070 O.C.	BUNDLE OF 2'S 12MM 1 @0.035 REST @ 0.070 O.C.
B - 526		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 527		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 528		10MM 1 @ 0.070 13 @ 0.145 6 @ 0.195 REST @ 0.300 O.C.	10MM 1 @ 0.075 12 @ 0.155 6 @ 0.210 REST @ 0.300 O.C.
B - 529		BUNDLE OF 2'S 10MM 1 @ 0.070 15 @ 0.140 5 @ 0.155 REST @ 0.165 O.C.	BUNDLE OF 2'S 10MM 1 @ 0.070 15 @ 0.140 5 @ 0.155 REST @ 0.165 O.C.
B -530		BUNDLE OF 2'S 12MM 1 @ 0.045 REST @ 0.095 O.C.	BUNDLE OF 2'S 12MM 1 @ 0.045 REST @ 0.095 O.C.
B - 531		10MM 1 @ 0.065 10 @ 0.175 6 @ 0.225 REST @ 0.300 O.C.	10MM 1 @ 0.065 10 @ 0.175 6 @ 0.225 REST @ 0.300 O.C.
B - 532		BUNDLE OF 2'S 10MM 1 @ 0.060 12 @ 0.105 REST @ 0.110 O.C.	BUNDLE OF 2'S 10MM 1 @ 0.050 12 @ 0.105 REST @ 0.110 O.C.
B - 533		10MM 1 @ 0.075 13 @ 0.150 7 @ 0.185 5 @ 0.225 REST @ 0.300 O.C.	10MM 1 @ 0.055 17 @ 0.110 9 @ 0.140 6 @ 0.195 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 534		10MM 1 @0.045 16 @ 0.090 8 @ 0.100 7 @ 0.110 REST @ 0.125 O.C.	10MM 1 @0.045 14 @ 0.090 8 @ 0.100 7 @ 0.110 REST @ 0.125 O.C.
B - 601		10MM 1 @ 0.065 8 @ 0.130 REST @ 0.140 O.C.	10MM 1 @ 0.065 8 @ 0.130 REST @ 0.140 O.C.
B - 602		10MM 1 @ 0.115 REST @ 0.230 O.C.	10MM 1 @ 0.115 REST @ 0.230 O.C.
B -602A		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 603		BUNDLE OF 2'S 10MM 1 @0.075 8 @0.150 3 @0.160 3 @0.185 REST @ 0.170 O.C.	BUNDLE OF 2'S 10MM 1 @0.070 8 @0.150 3 @0.155 3 @0.160 REST @ 0.170 O.C.
B - 604		10MM 1 @0.095 8 @0.170 4 @0.195 4 @0.225 REST @ 0.260 O.C.	10MM 1 @0.075 10 @0.150 3 @0.155 3 @0.160 REST @ 0.245 O.C.
B - 605		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

SCHEDULE OF BEAM DETAILS

SCALE: 1:30M

REPUBLIC OF THE PHILIPPINES
MINDANAO UNIVERSITY OF SCIENCE & TECHNOLOGY
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PREPARED BY:
ENGR. CARLITO P. TALABOC, Ph.D.
CIVIL/STRUCTURAL ENGINEER
PRC REG. NO. 10 889 PTR NO. 6016938
TIN: 182 435 160 DATE ISSUED: 01-08-2015

PROJECT: **PROPOSED STUDENT CENTER & EDUCATION COMPLEX**

LOCATION: C.M. RECTO AVENUE LAPASAN, CAGAYAN DE ORO CITY
OWNER: MINDANAO UNIVERSITY OF SCIENCE AND TECHNOLOGY

APPROVED:

ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS:
- SCHEDULE OF BEAM DETAILS

SHEET NO. S33 S49

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MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 434	0.40 / 0.80 — 16- 28MM / 16- 28MM — SUPPORT 0.40 / 0.80 — 8- 28MM / 10- 28MM — MIDSPAN 0.40 / 0.80 — 16- 28MM / 16- 28MM — SUPPORT	1 @0.080 13 @ 0.120 6 @ 0.130 6 @ 0.140 REST @ 0.155 O.C.	1 @0.060 13 @ 0.120 6 @ 0.130 6 @ 0.140 REST @ 0.155 O.C.
B - 501	0.275 / 0.80 — 6- 28MM / 6- 28MM — SUPPORT 0.275 / 0.80 — 4- 28MM / 4- 28MM — MIDSPAN 0.275 / 0.80 — 6- 28MM / 6- 28MM — SUPPORT	10MM 1 @ 0.075 7 @ 0.150 2 @ 0.160 2 @ 0.165 REST @ 0.170 O.C.	10MM 1 @ 0.075 7 @ 0.150 2 @ 0.160 2 @ 0.165 REST @ 0.170 O.C.
B - 502	0.40 / 0.80 — 8- 28MM / 4- 28MM — SUPPORT 0.40 / 0.80 — 6- 28MM / 4- 28MM — MIDSPAN 0.40 / 0.80 — 4- 28MM / 4- 28MM — SUPPORT	10MM 1 @ 0.135 4 @ 0.270 2 @ 0.280 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B -502A	0.40 / 0.80 — 4- 28MM / 4- 28MM — SUPPORT DISCONT. END 0.40 / 0.80 — 8- 28MM / 6- 28MM — MIDSPAN 0.40 / 0.80 — 10- 28MM / 6- 28MM — SUPPORT ADJACENT TO CB-51	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 503	0.40 / 0.80 — 14- 28MM / 14- 28MM — SUPPORT 0.40 / 0.80 — 6- 28MM / 8- 28MM — MIDSPAN 0.40 / 0.80 — 14- 28MM / 14- 28MM — SUPPORT ADJACENT TO B-504	BUNDLE OF 2'S 10MM 1 @0.050 11 @0.105 REST @ 0.110 O.C.	10MM 1 @0.050 11 @0.105 REST @ 0.110 O.C.
B - 504	0.40 / 0.80 — 14- 28MM / 14- 28MM — SUPPORT ADJACENT TO B-503 0.40 / 0.80 — 8- 28MM / 10- 28MM — MIDSPAN 0.40 / 0.80 — 14- 28MM / 14- 28MM — SUPPORT ADJACENT TO B-505	10MM 1 @0.050 13 @0.115 6 @ 0.125 5 @ 0.140 REST @ 0.160 O.C.	10MM 1 @0.050 13 @0.115 6 @ 0.125 5 @ 0.140 REST @ 0.160 O.C.
B - 505	0.40 / 0.80 — 14- 28MM / 14- 28MM — SUPPORT ADJACENT TO B-504 0.40 / 0.80 — 8- 28MM / 6- 28MM — MIDSPAN 0.40 / 0.80 — 6- 28MM / 6- 28MM — SUPPORT	10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 506	0.40 / 0.80 — 6- 28MM / 4- 28MM — SUPPORT 0.40 / 0.80 — 6- 28MM / 8- 28MM — MIDSPAN 0.40 / 0.80 — 14- 28MM / 14- 28MM — SUPPORT ADJACENT TO B-507	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.140 5 @ 0.280 REST @ 0.300 O.C.
B - 507	0.40 / 0.80 — 14- 28MM / 14- 28MM — SUPPORT ADJACENT TO B-506 0.40 / 0.80 — 8- 28MM / 8- 28MM — MIDSPAN 0.40 / 0.80 — 14- 28MM / 14- 28MM — SUPPORT	10MM 1 @ 0.080 9 @ 0.165 4 @ 0.180 3 @ 0.195 REST @ 0.210 O.C.	10MM BUNDLE OF 2'S 1 @ 0.080 9 @ 0.165 4 @ 0.180 3 @ 0.195 REST @ 0.210 O.C.
B - 508	0.40 / 0.80 — 12- 28MM / 12- 28MM — SUPPORT 0.40 / 0.80 — 8- 28MM / 8- 28MM — MIDSPAN 0.40 / 0.80 — 12- 28MM / 12- 28MM — SUPPORT	10MM 1 @ 0.080 11 @ 0.125 5 @ 0.140 5 @ 0.150 REST @ 0.165 O.C.	10MM 1 @ 0.060 11 @ 0.125 5 @ 0.140 5 @ 0.150 REST @ 0.165 O.C.
B - 509	0.40 / 0.80 — 12- 28MM / 10- 28MM — SUPPORT 0.40 / 0.80 — 8- 28MM / 8- 28MM — MIDSPAN 0.40 / 0.80 — 12- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-510	10MM 1 @ 0.085 8 @ 0.175 4 @ 0.190 4 @ 0.210 REST @ 0.230 O.C.	10MM 1 @ 0.070 10 @ 0.140 5 @ 0.160 4 @ 0.185 REST @ 0.215 O.C.
B - 510	0.40 / 0.80 — 12- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-509 0.40 / 0.80 — 8- 28MM / 8- 28MM — MIDSPAN 0.40 / 0.80 — 4- 28MM / 4- 28MM — SUPPORT	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B -511	0.40 / 0.80 — 12- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-511A 0.40 / 0.80 — 4- 28MM / 6- 28MM — MIDSPAN 0.40 / 0.80 — 12- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-512	10MM 1 @ 0.085 9 @ 0.175 4 @ 0.205 3 @ 0.255 REST @ 0.300 O.C.	10MM 1 @ 0.090 8 @ 0.180 4 @ 0.210 3 @ 0.260 REST @ 0.300 O.C.
B - 511A	0.40 / 0.80 — 6- 28MM / 8- 28MM — SUPPORT DISCONT. END 0.40 / 0.80 — 10- 28MM / 8- 28MM — MIDSPAN 0.40 / 0.80 — 12- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-511	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 512	0.40 / 0.80 — 12- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-511 0.40 / 0.80 — 4- 28MM / 6- 28MM — MIDSPAN 0.40 / 0.80 — 12- 28MM / 8- 28MM — SUPPORT ADJACENT TO B-513	10MM 1 @ 0.085 9 @ 0.175 4 @ 0.205 3 @ 0.255 REST @ 0.300 O.C.	10MM 1 @ 0.090 8 @ 0.180 4 @ 0.210 3 @ 0.260 REST @ 0.300 O.C.
B - 513	0.40 / 0.80 — 12- 28MM / 8- 28MM — SUPPORT ADJACENT TO B-512 0.40 / 0.80 — 4- 28MM / 6- 28MM — MIDSPAN 0.40 / 0.80 — 10- 28MM / 8- 28MM — SUPPORT	10MM 1@0.120 7@0.245 REST @ 0.300 O.C.	10MM 1@0.120 7@0.245 REST @ 0.300 O.C.
B - 514	0.40 / 0.80 — 14- 28MM / 14- 28MM — SUPPORT 0.40 / 0.80 — 6- 28MM / 8- 28MM — MIDSPAN 0.40 / 0.80 — 12- 28MM / 10- 28MM — SUPPORT	10MM 1@0.115 5@0.235 3@0.260 REST @ 0.300 O.C.	10MM 1@0.115 7@0.230 3@0.255 REST @ 0.295 O.C.
B - 516	0.40 / 0.80 — 12- 28MM / 10- 28MM — SUPPORT 0.40 / 0.80 — 4- 28MM / 6- 28MM — MIDSPAN 0.40 / 0.80 — 12- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-517	10MM 1@0.060 11 @0.120 5 @0.130 5 @0.140 REST @ 0.155 O.C.	10MM 1@0.060 11 @0.120 5 @0.130 5 @0.140 REST @ 0.155 O.C.
B - 517	0.40 / 0.80 — 12- 28MM / 10- 28MM — SUPPORT ADJACENT TO B-516 0.40 / 0.80 — 4- 28MM / 6- 28MM — MIDSPAN 0.40 / 0.80 — 12- 28MM / 10- 28MM — SUPPORT	10MM 1@0.085 9 @0.175 3 @0.235 REST @ 0.285 O.C.	10MM 1@0.085 9 @0.175 3 @0.235 REST @ 0.285 O.C.
B - 518	0.40 / 0.80 — 12- 28MM / 12- 28MM — SUPPORT 0.40 / 0.80 — 4- 28MM / 6- 28MM — MIDSPAN 0.40 / 0.80 — 12- 28MM / 12- 28MM — SUPPORT	BUNDLE OF 2'S 10MM 1 @ 0.060 REST @ 0.120 O.C.	BUNDLE OF 2'S 10MM 1 @ 0.060 REST @ 0.120 O.C.
B - 519	0.40 / 0.80 — 16- 28MM / 16- 28MM — SUPPORT 0.40 / 0.80 — 6- 28MM / 8- 28MM — MIDSPAN 0.40 / 0.80 — 16- 28MM / 16- 28MM — SUPPORT ADJACENT TO B-520	BUNDLE OF 2'S 10MM 1 @ 0.055 REST @ 0.110 O.C.	BUNDLE OF 2'S 10MM 1 @ 0.055 REST @ 0.110 O.C.

SCHEDULE OF BEAMS DETAILS

SCALE: 1:30M

REPUBLIC OF THE PHILIPPINES
MINDANAO UNIVERSITY OF SCIENCE & TECHNOLOGY

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ENGR. CARLITO P. TALABOC, Ph.D.
CIVIL/STRUCTURAL ENGINEER
PRC REG. NO. 10 889 | PTR NO. 5015936 | TIN: 182 435 160 | DATE ISSUED: 01-08-2015

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DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS :
- SCHEDULE OF BEAM DETAILS

SHEET NO. S32
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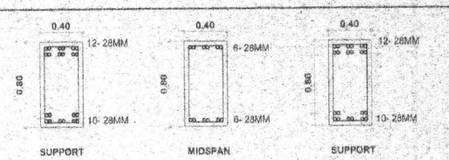
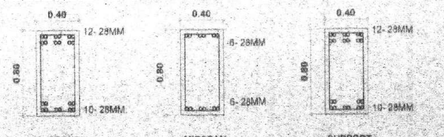
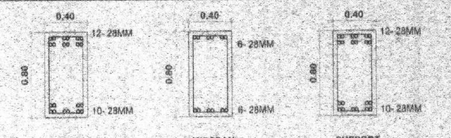
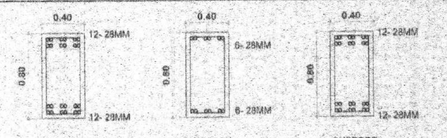
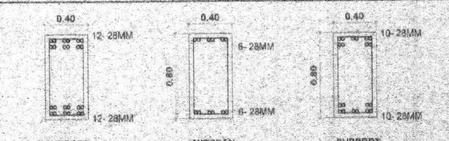
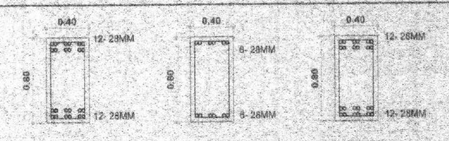
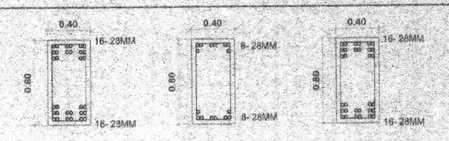
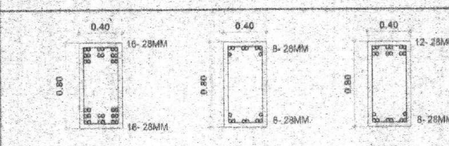
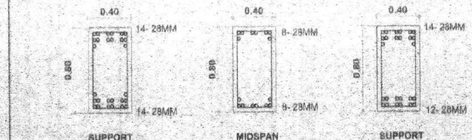
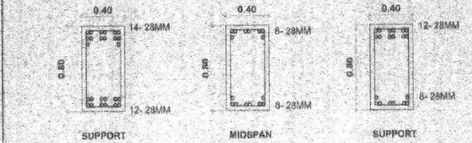
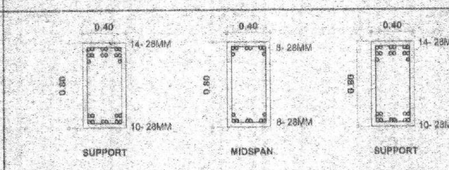
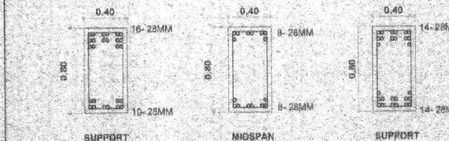
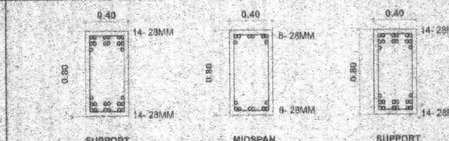
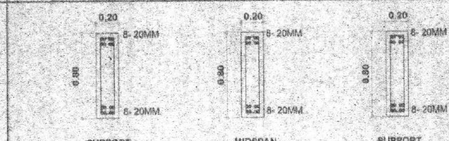
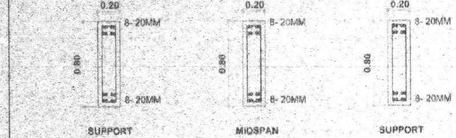
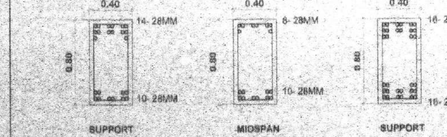
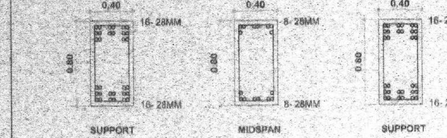
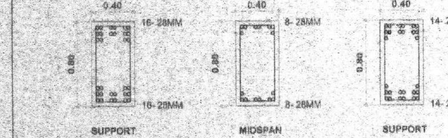
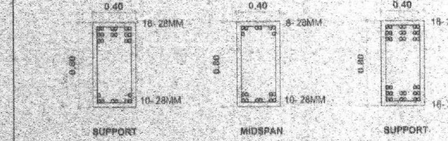
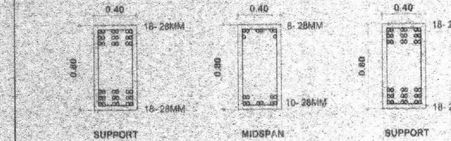
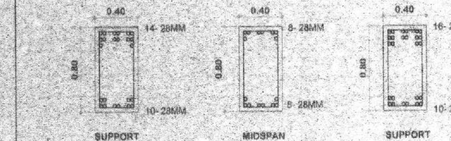
MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 412		10MM 1 @0.075 9 @ 0.155 4 @ 0.180 4 @ 0.215 REST @ 0.270 O.C.	10MM 1 @0.075 9 @ 0.155 4 @ 0.180 4 @ 0.215 REST @ 0.270 O.C.
B - 413		10MM 1@0.105 7@0.215 REST @ 0.285 O.C.	10MM 1@0.105 7@0.215 REST @ 0.285 O.C.
B - 414		10MM 1@0.095 9 @0.190 4 @0.210 3 @0.235 REST @ 0.285 O.C.	10MM 1@0.095 8 @0.190 4 @0.210 3 @0.235 REST @ 0.285 O.C.
B - 416		10MM 1@0.055 12 @0.110 5 @0.115 5 @0.125 REST @ 0.135 O.C.	10MM 1@0.055 12 @0.110 5 @0.115 5 @0.125 REST @ 0.135 O.C.
B - 417		10MM 1@0.080 9 @0.160 4 @0.180 4 @0.210 REST @ 0.250 O.C.	10MM 1@0.080 9 @0.160 4 @0.180 4 @0.210 REST @ 0.250 O.C.
B - 418		BUNDLE OF 2'S 12MM 1 @ 0.070 REST @ 0.140 O.C.	12MM 1 @ 0.070 REST @ 0.140 O.C.
B - 419		BUNDLE OF 2'S 12MM 1 @0.065 REST @ 0.135 O.C.	12MM 1 @0.065 REST @ 0.135 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 420		10MM 1 @ 0.095 9 @ 0.190 4 @ 0.230 REST @ 0.295 O.C.	10MM 1 @ 0.095 9 @ 0.190 4 @ 0.230 REST @ 0.295 O.C.
B - 421		12MM 1 @ 0.080 12 @ 0.125 6 @ 0.140 5 @ 0.160 REST @ 0.180 O.C.	12MM 1 @ 0.060 12 @ 0.125 6 @ 0.140 5 @ 0.160 REST @ 0.180 O.C.
B - 422		10MM 1 @ 0.065 12 @ 0.130 5 @ 0.140 5 @ 0.160 REST @ 0.160 O.C.	10MM 1 @ 0.075 11 @ 0.150 6 @ 0.155 6 @ 0.160 REST @ 0.195 O.C.
B - 423		10MM 1 @ 0.055 15 @ 0.110 7 @ 0.135 5 @ 0.170 REST @ 0.230 O.C.	10MM 1 @ 0.055 15 @ 0.110 7 @ 0.135 5 @ 0.170 REST @ 0.230 O.C.
B - 424		10MM 1 @0.085 13 @0.115 7 @ 0.135 5 @ 0.165 REST @ 0.210 O.C.	10MM 1 @0.070 13 @0.140 6 @ 0.160 6 @ 0.190 REST @ 0.230 O.C.
B - 425		BUNDLE OF 2'S 16MM 1 @0.075 REST @ 0.150 O.C.	16MM 1 @0.075 REST @ 0.150 O.C.
B - 426		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 427		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 428		10MM 1 @ 0.065 14 @ 0.135 7 @ 0.180 REST @ 0.270 O.C.	10MM 1 @ 0.070 18 @ 0.145 6 @ 0.190 REST @ 0.285 O.C.
B - 429		12MM 1 @ 0.045 14 @ 0.095 7 @ 0.100 6 @ 0.105 REST @ 0.115 O.C.	12MM 1 @ 0.045 14 @ 0.095 7 @ 0.100 6 @ 0.105 REST @ 0.115 O.C.
B - 430		BUNDLE OF 2'S 16MM 1 @ 0.070 REST @ 0.140 O.C.	16MM 1 @ 0.070 REST @ 0.140 O.C.
B - 431		10MM 1 @ 0.060 13 @ 0.120 8 @ 0.180 REST @ 0.230 O.C.	10MM 1 @ 0.065 14 @ 0.135 7 @ 0.180 REST @ 0.255 O.C.
B - 432		BUNDLE OF 2'S 12MM 1 @ 0.065 REST @ 0.130 O.C.	12MM 1 @ 0.065 REST @ 0.130 O.C.
B - 433		10MM 1 @ 0.065 14 @ 0.135 7 @ 0.170 6 @ 0.220 REST @ 0.290 O.C.	10MM 1 @ 0.050 16 @ 0.105 9 @ 0.130 7 @ 0.175 REST @ 0.255 O.C.

SCHEDULE OF BEAM DETAILS

SCALE: 1:30M

REPUBLIC OF THE PHILIPPINES
MINDANAO UNIVERSITY OF SCIENCE & TECHNOLOGY

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ENGR. CARLITO P. TALABOC, Ph.D.
CIVIL/STRUCTURAL ENGINEER
PRC REG. NO. : 10 889 PTR NO. 6016935
TIN: 182-435-160 DATE ISSUED: 01-06-2015

PROJECT : **PROPOSED STUDENT CENTER & EDUCATION COMPLEX**

LOCATION: C.M. RECTO AVENUE LAPASAN, CAGAYAN DE ORO CITY
OWNER : MINDANAO UNIVERSITY OF SCIENCE AND TECHNOLOGY

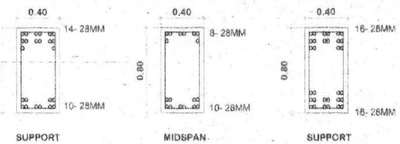
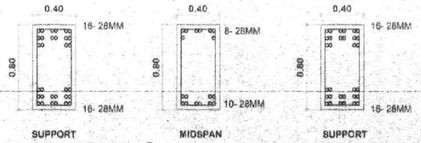
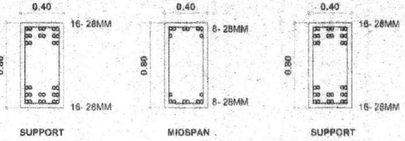
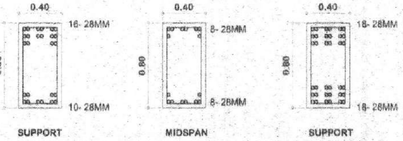
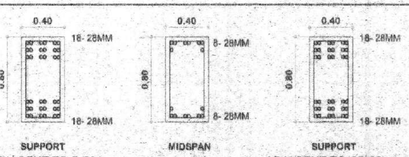
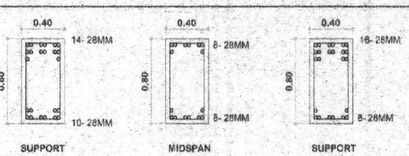
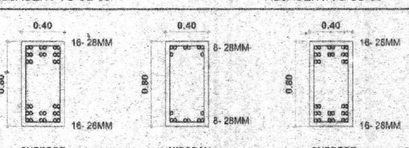
APPROVED :

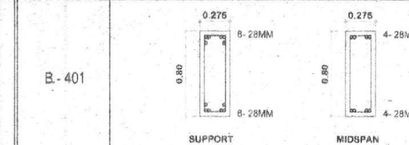
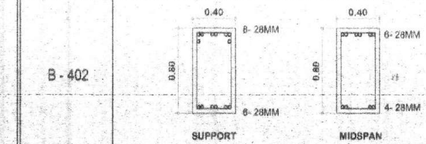
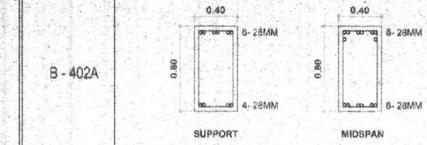
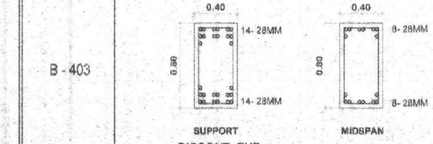
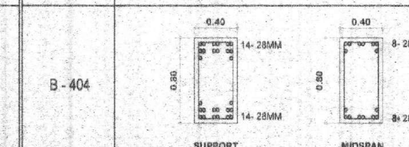
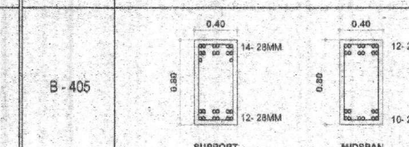
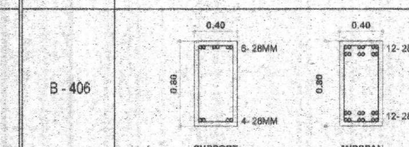
ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

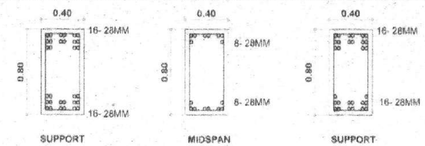
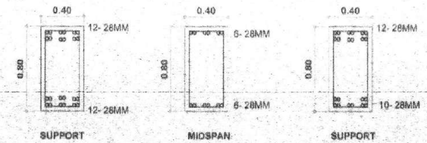
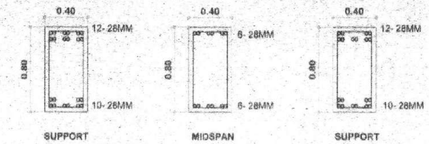
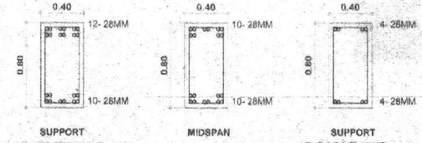
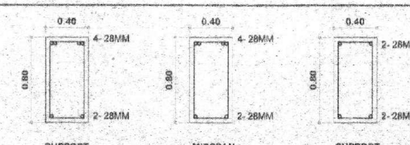
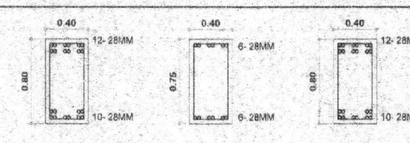
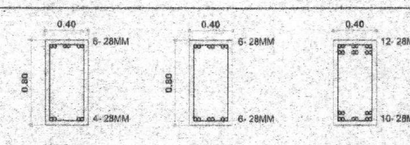
DR. RICARDO E. ROTORAS
MUSY PRESIDENT

SHEET TITLE: STRUCTURAL — SHEET NO.
SHEET CONTENTS :
- SCHEDULE OF BEAM DETAILS — S31 / S49

86
198

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 328	 ADJACENT TO B-329	10MM 1 @ 0.070 14 @ 0.140 6 @ 0.185 REST @ 0.280 O.C.	10MM 1 @ 0.070 14 @ 0.140 6 @ 0.185 REST @ 0.280 O.C.
B - 329	 ADJACENT TO B-328 ADJACENT TO B-330	12MM 1 @ 0.045 14 @ 0.095 7 @ 0.100 6 @ 0.105 REST @ 0.115 O.C.	12MM 1 @ 0.045 14 @ 0.095 7 @ 0.100 6 @ 0.105 REST @ 0.115 O.C.
B - 330	 ADJACENT TO B-329 DISCONT. END	BUNDLE OF 2'S 16MM 1 @ 0.060 REST @ 0.125 O.C.	BUNDLE OF 2'S 16MM 1 @ 0.060 REST @ 0.125 O.C.
B - 331	 ADJACENT TO CB-37 ADJACENT TO B-332	10MM 1 @ 0.060 15 @ 0.125 7 @ 0.165 REST @ 0.245 O.C.	10MM 1 @ 0.070 14 @ 0.140 7 @ 0.185 REST @ 0.270 O.C.
B - 332	 ADJACENT TO B-331 ADJACENT TO CB-38	BUNDLE OF 2'S 12MM 1 @ 0.065 REST @ 0.130 O.C.	BUNDLE OF 2'S 12MM 1 @ 0.070 REST @ 0.140 O.C.
B - 333	 ADJACENT TO CB-39 ADJACENT TO CB-39	10MM 1 @ 0.055 14 @ 0.135 7 @ 0.170 REST @ 0.225 O.C.	10MM 1 @ 0.050 18 @ 0.105 9 @ 0.135 7 @ 0.180 REST @ 0.280 O.C.
B - 334		12MM 1 @ 0.040 17 @ 0.085 9 @ 0.090 6 @ 0.100 REST @ 0.110 O.C.	12MM 1 @ 0.040 17 @ 0.085 9 @ 0.090 6 @ 0.100 REST @ 0.110 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 401		10MM 1 @ 0.065 8 @ 0.130 REST @ 0.140 O.C.	10MM 1 @ 0.065 8 @ 0.130 REST @ 0.140 O.C.
B - 402	 DISCONT. END	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 402A	 DISCONT. END ADJACENT TO CB-41	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 403	 DISCONT. END ADJACENT TO B-404	BUNDLE OF 2'S 12MM 1 @0.065 REST @ 0.130 O.C.	BUNDLE OF 2'S 12MM 1 @0.065 REST @ 0.130 O.C.
B - 404		10MM 1 @0.055 13 @0.115 6 @ 0.125 8 @0.135 REST @ 0.150 O.C.	10MM 1 @0.050 14 @0.105 6 @ 0.115 6 @ 0.130 REST @ 0.145 O.C.
B - 405		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 406	 DISCONT. END ADJACENT TO B-407	10MM 1 @0.145 REST @ 0.290 O.C.	10MM 1 @0.145 REST @ 0.290 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 407	 ADJACENT TO B-406	BUNDLE OF 2'S 12MM 1 @ 0.050 14 @ 0.100 6 @ 0.105 6 @ 0.115 REST @ 0.120 O.C.	BUNDLE OF 2'S 12MM 1 @ 0.050 14 @ 0.100 6 @ 0.105 6 @ 0.115 REST @ 0.120 O.C.
B - 408	 DISCONT. END ADJACENT TO B-409	10MM 1 @ 0.060 11 @ 0.125 5 @ 0.130 5 @ 0.140 REST @ 0.145 O.C.	10MM 1 @ 0.055 12 @ 0.110 6 @ 0.120 5 @ 0.130 REST @ 0.145 O.C.
B - 409	 ADJACENT TO B-408 ADJACENT TO B-410	10MM 1 @ 0.070 10 @ 0.140 5 @ 0.155 5 @ 0.170 REST @ 0.190 O.C.	10MM 1 @ 0.060 12 @ 0.125 5 @ 0.140 5 @ 0.160 REST @ 0.185 O.C.
B - 410	 ADJACENT TO B-409 DISCONT. END	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 410A	 DISCONT. END	10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 411	 ADJACENT TO B-411A ADJACENT TO B-412	10MM 1 @ 0.055 12 @ 0.110 5 @ 0.120 5 @ 0.130 REST @ 0.145 O.C.	10MM 1 @ 0.055 11 @ 0.115 5 @ 0.125 5 @ 0.135 REST @ 0.145 O.C.
B - 411A	 DISCONT. END ADJACENT TO B-411	10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.

SCHEDULE OF BEAM DETAILS

SCALE 1:30M

REPUBLIC OF THE PHILIPPINES
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PREPARED BY:

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PRC REG. NO. 10 889 PTR NO. 6016938
TIN: 182 435 160 DATE ISSUED: 01-08-2015

PROJECT: **PROPOSED STUDENT CENTER & EDUCATION COMPLEX**

LOCATION: C.M. RECTO AVENUE LAPASAN, CAGAYAN DE ORO CITY
OWNER : MINDANAO UNIVERSITY OF SCIENCE AND TECHNOLOGY

APPROVED :

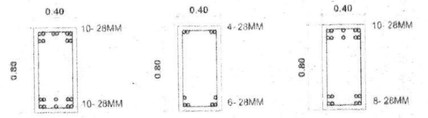
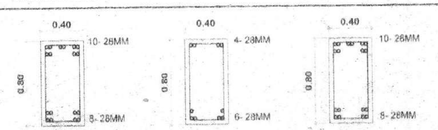
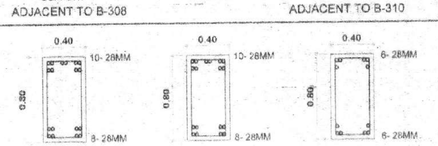
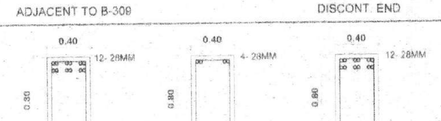
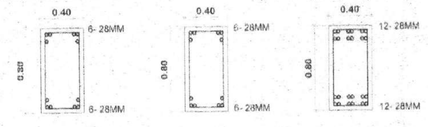
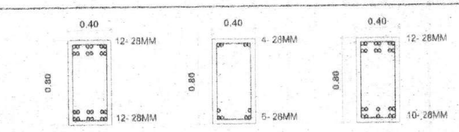
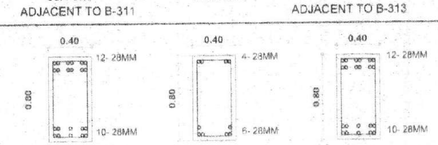
ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

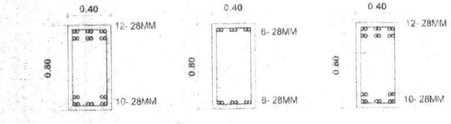
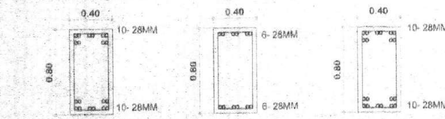
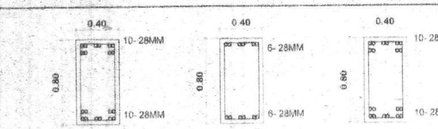
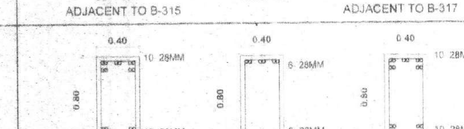
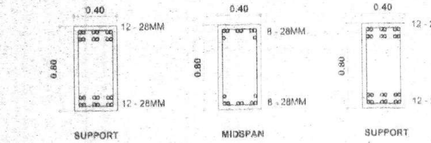
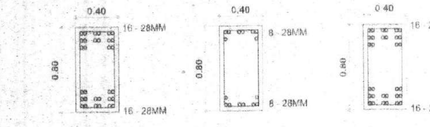
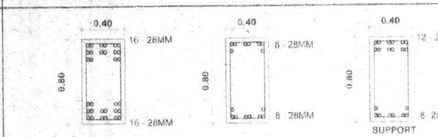
DR. RICARDO E. ROTORAS
MUST PRESIDENT

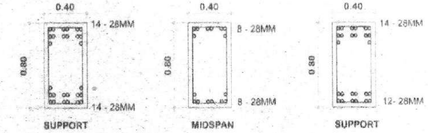
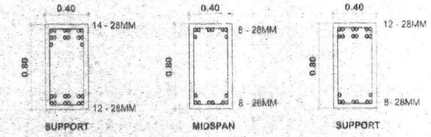
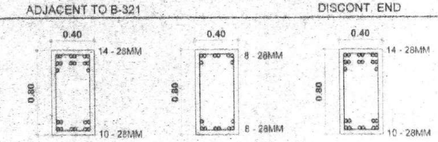
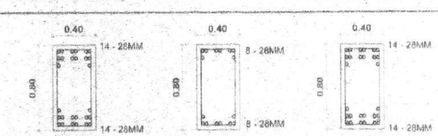
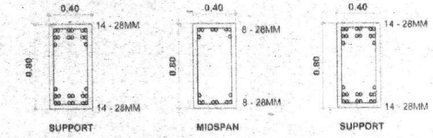
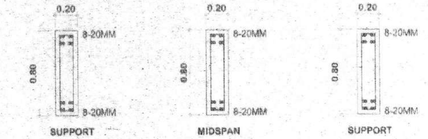
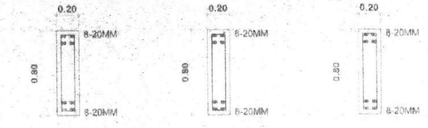
SHEET TITLE: STRUCTURAL
SHEET CONTENTS :
- SCHEDULE OF BEAM DETAILS

SHEET NO.
S30
S49

87
198

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 308		10MM 1 @ 0.085 8 @ 0.170 4 @ 0.195 3 @ 0.225 REST @ 0.265 O.C.	10MM 1 @ 0.075 9 @ 0.150 4 @ 0.170 4 @ 0.205 REST @ 0.250 O.C.
B - 309		10MM 1 @ 0.090 8 @ 0.180 4 @ 0.205 3 @ 0.240 REST @ 0.290 O.C.	10MM 1 @ 0.075 9 @ 0.155 4 @ 0.180 4 @ 0.220 REST @ 0.275 O.C.
B - 310		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 311		10MM 1 @ 0.090 16 @ 0.085 7 @ 0.090 6 @ 0.100 REST @ 0.110 O.C.	10MM 1 @ 0.040 15 @ 0.085 7 @ 0.095 6 @ 0.100 REST @ 0.110 O.C.
B - 311A		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 312		10MM 1 @ 0.060 12 @ 0.125 6 @ 0.140 5 @ 0.170 REST @ 0.210 O.C.	10MM 1 @ 0.060 12 @ 0.125 6 @ 0.140 5 @ 0.170 REST @ 0.210 O.C.
B - 313		10MM 1 @ 0.085 9 @ 0.175 4 @ 0.220 3 @ 0.285 REST @ 0.300 O.C.	10MM 1 @ 0.090 8 @ 0.180 4 @ 0.225 3 @ 0.290 REST @ 0.300 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 314		10MM 1 @ 0.090 8 @ 0.185 4 @ 0.205 4 @ 0.225 REST @ 0.255 O.C.	10MM 1 @ 0.090 8 @ 0.185 4 @ 0.205 4 @ 0.225 REST @ 0.255 O.C.
B - 315		10MM 1 @ 0.085 8 @ 0.170 4 @ 0.190 3 @ 0.215 REST @ 0.245 O.C.	10MM 1 @ 0.085 8 @ 0.170 4 @ 0.190 3 @ 0.215 REST @ 0.245 O.C.
B - 316		10MM 1 @ 0.060 11 @ 0.125 5 @ 0.135 4 @ 0.145 REST @ 0.160 O.C.	10MM 1 @ 0.060 11 @ 0.125 5 @ 0.135 4 @ 0.145 REST @ 0.160 O.C.
B - 317		10MM 1 @ 0.090 8 @ 0.180 4 @ 0.210 REST @ 0.250 O.C.	10MM 1 @ 0.090 8 @ 0.180 4 @ 0.210 REST @ 0.250 O.C.
B - 318		BUNDLE OF 2'S 12MM 1 @0.075 REST @ 0.150 O.C.	BUNDLE OF 2'S 12MM 1 @0.075 REST @ 0.150 O.C.
B - 319		BUNDLE OF 2'S 12MM 1@ 0.095 REST @ 0.135 O.C.	BUNDLE OF 2'S 12MM 1@ 0.095 REST @ 0.135 O.C.
B - 320		10MM 1 @ 0.095 9 @ 0.190 REST @ 0.235 O.C.	10MM 1 @ 0.100 8 @ 0.205 REST @ 0.250 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 321		12MM 1 @ 0.060 12 @ 0.125 6 @ 0.140 5 @ 0.155 REST @ 0.180 O.C.	12MM 1 @ 0.060 12 @ 0.125 6 @ 0.140 5 @ 0.155 REST @ 0.180 O.C.
B - 322		10MM 1 @ 0.065 12 @ 0.130 6 @ 0.135 5 @ 0.145 REST @ 0.155 O.C.	10MM 1 @ 0.065 12 @ 0.130 6 @ 0.135 6 @ 0.145 REST @ 0.155 O.C.
B - 323		BUNDLE OF 2'S 10MM 1 @ 0.055 16 @ 0.115 7 @ 0.140 6 @ 0.175 REST @ 0.235 O.C.	BUNDLE OF 2'S 10MM 1 @ 0.055 15 @ 0.115 7 @ 0.140 6 @ 0.175 REST @ 0.235 O.C.
B - 324		10MM 1 @ 0.060 14 @ 0.125 7 @ 0.140 6 @ 0.185 REST @ 0.250 O.C.	10MM 1 @ 0.075 11 @ 0.150 6 @ 0.175 5 @ 0.215 REST @ 0.275 O.C.
B - 325		BUNDLE OF 2'S 16MM 1 @ 0.065 REST @ 0.135 O.C.	BUNDLE OF 2'S 16MM 1 @ 0.065 REST @ 0.135 O.C.
B - 326		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.
B - 327		10MM 1 @ 0.150 REST @ 0.300 O.C.	10MM 1 @ 0.150 REST @ 0.300 O.C.

SCHEDULE OF BEAMS DETAILS

SCALE 1:30M

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PREPARED BY:

ENGR. CARLITO P. TALABOC, Ph.D.
CIVIL/STRUCTURAL ENGINEER
PRC REG. NO. 10 889 PTR NO. 6018938
TIN: 182 435 160 DATE ISSUED: 01-08-2015

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APPROVED :

ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS :
- SCHEDULE OF BEAM DETAILS

SHEET NO.
S29
S49

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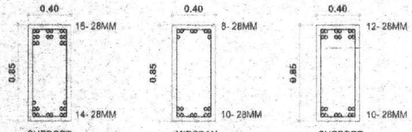
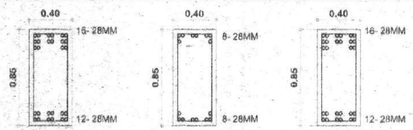
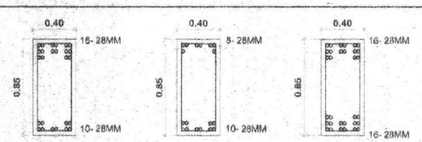
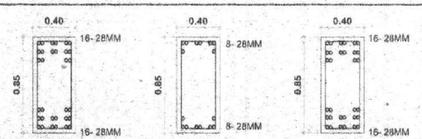
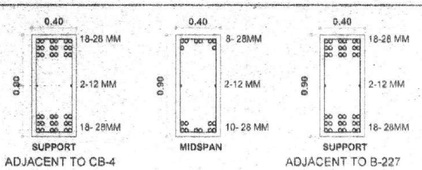
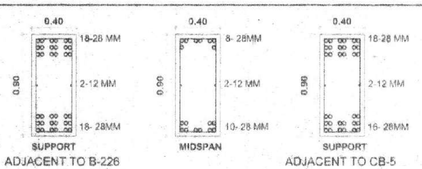
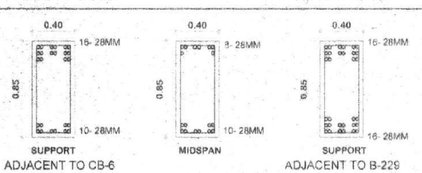
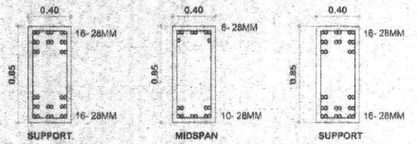
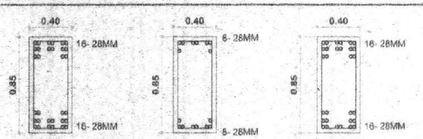
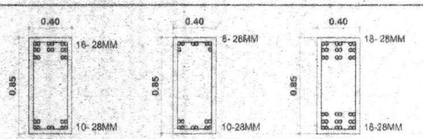
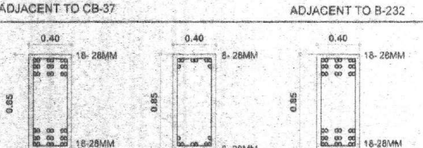
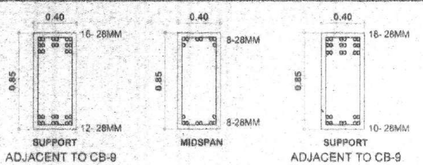
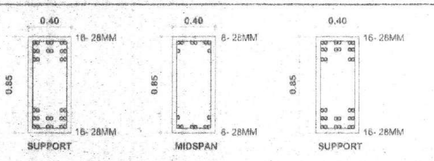
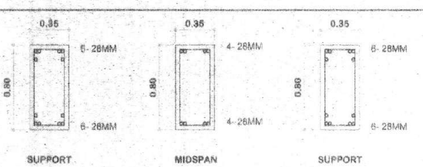
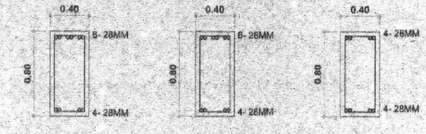
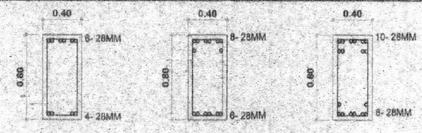
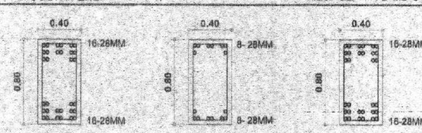
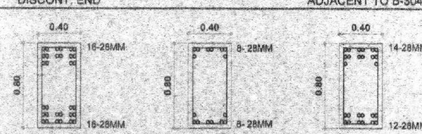
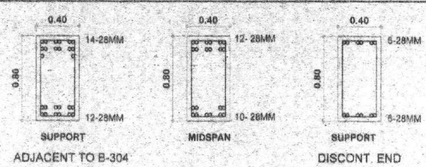
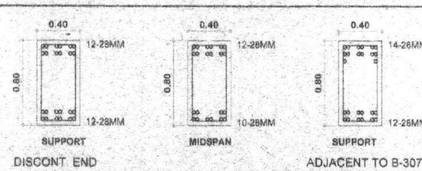
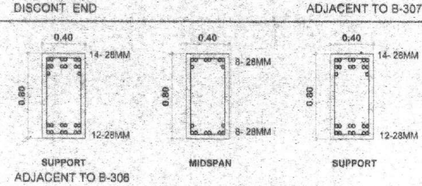
MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 222		10MM 1@0.060 13@0.120 6@0.135 6@0.145 REST @ 0.150 O.C.	10MM 1@0.075 10@0.155 REST @ 0.160 O.C.
B - 223		10MM 1 @ 0.050 17 @ 0.105 8 @ 0.120 7 @ 0.150 REST @ 0.190 O.C.	10MM 1 @ 0.050 17 @ 0.105 8 @ 0.120 7 @ 0.150 REST @ 0.190 O.C.
B - 224		10MM 1 @ 0.055 16 @ 0.11 7 @ 0.135 6 @ 0.165 REST @ 0.220 O.C.	10MM 1 @ 0.066 13 @ 0.130 7 @ 0.155 6 @ 0.185 REST @ 0.236 O.C.
B - 225		BUNDLE OF 2'S 16MM 1 @0.0460 REST @ 0.125 O.C.	BUNDLE OF 2'S 16MM 1 @0.0460 REST @ 0.125 O.C.
B - 226		BUNDLE OF 2'S 12MM 1 @ 0.060 REST @ 0.125 O.C.	BUNDLE OF 2'S 12MM 1 @ 0.060 REST @ 0.125 O.C.
B - 227		BUNDLE OF 2'S 12MM 1 @0.085 REST @ 0.170 O.C.	BUNDLE OF 2'S 12MM 1 @0.085 REST @ 0.170 O.C.
B - 228		10MM 1 @ 0.065 15 @ 0.135 7 @ 0.175 REST @ 0.250 O.C.	10MM 1 @ 0.065 15 @ 0.135 7 @ 0.175 REST @ 0.250 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 229		12MM 1 @ 0.045 15 @ 0.090 7 @ 0.095 REST @ 0.100 O.C.	12MM 1 @ 0.050 14 @ 0.095 6 @ 0.100 REST @ 0.105 O.C.
B - 230		BUNDLE OF 2'S 16MM 1 @ 0.0575 REST @ 0.1150.C.	BUNDLE OF 2'S 16MM 1 @ 0.0575 REST @ 0.1150.C.
B - 231		10MM 1@ 0.060 16@ 0.125 8@ 0.160 REST @ 0.225 O.C.	10MM 1@ 0.060 16@ 0.125 8@ 0.160 REST @ 0.225 O.C.
B - 232		BUNDLE OF 2'S 12MM 1 @ 0.060 REST @ 0.120 O.C.	BUNDLE OF 2'S 12MM 1 @ 0.085 REST @ 0.1300.C.
B - 233		10MM 1 @ 0.050 15 @ 0.125 8 @ 0.150 6 @ 0.190 REST @ 0.255.C.	10MM 1 @ 0.050 19 @ 0.100 10 @ 0.120 8 @ 0.155 REST @ 0.220 O.C.
B - 234		12MM 1 @0.055 14 @0.110 7 @ 0.115 6 @0.126 REST @ 0.135O.C.	12MM 1 @0.055 14 @0.110 7 @ 0.115 6 @0.126 REST @ 0.135O.C.
B - 301		10MM 1 @ 0.060 8 @ 0.125 REST @ 0.130 O.C.	10MM 1 @ 0.060 8 @ 0.125 REST @ 0.130 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 302		10MM 1@0.150 REST @ 0.300 O.C.	10MM 1@0.150 REST @ 0.300 O.C.
B - 302A		10MM 1@0.150 REST @ 0.300 O.C.	10MM 1@0.150 REST @ 0.300 O.C.
B - 303		BUNDLE OF 2'S 12MM 1 @0.060 REST @ 0.125 O.C.	BUNDLE OF 2'S 12MM 1 @0.060 REST @ 0.125 O.C.
B - 304		10MM 1 @ 0.055 13 @ 0.110 6 @ 0.120 6 @ 0.135 REST @ 0.145 O.C.	10MM 1 @ 0.055 13 @ 0.110 6 @ 0.120 6 @ 0.135 REST @ 0.145 O.C.
B - 305		10MM 1 @0.150 REST @ 0.300 O.C.	10MM 1 @0.150 REST @ 0.300 O.C.
B - 306		10MM 1 @ 0.045 13 @ 0.095 8 @ 0.100 5 @ 0.105 REST @ 0.110 O.C.	10MM 1 @ 0.045 15 @ 0.090 6 @ 0.095 6 @ 0.100 REST @ 0.105 O.C.
B - 307		12MM 1 @ 0.065 11 @ 0.130 5 @ 0.145 5 @ 0.155 REST @ 0.175 O.C.	12MM 1 @ 0.065 11 @ 0.130 5 @ 0.145 5 @ 0.155 REST @ 0.175 O.C.

SCHEDULE OF BEAM DETAILS

SCALE: 1:30M

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PRC REG. NO. 10 889 PTR NO. 6016936
TIN: 182 435 160 DATE ISSUED: 01-08-2015

PROJECT: **PROPOSED STUDENT CENTER & EDUCATION COMPLEX**

LOCATION: C.M. RECTO AVENUE LAPASAN, CAGAYAN DE ORO CITY
OWNER: MINDANAO UNIVERSITY OF SCIENCE AND TECHNOLOGY

APPROVED:

ATTY. JONATHAN S. OCHE
DIRECTOR, ADMINISTRATION

DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS
SCHEDULE OF BEAM DETAILS

SHEET NO.
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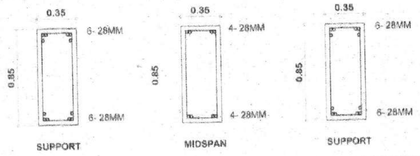
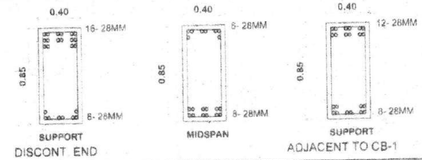
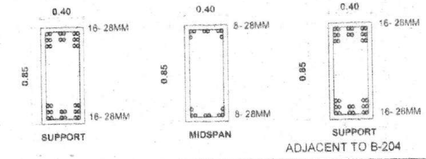
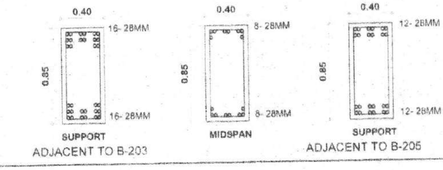
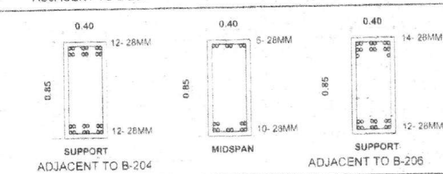
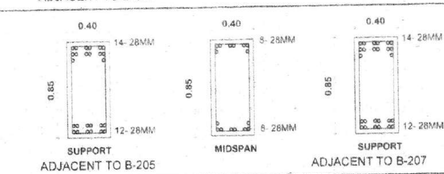
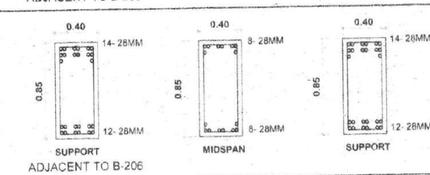
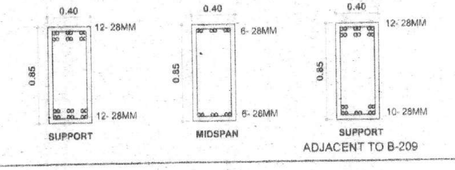
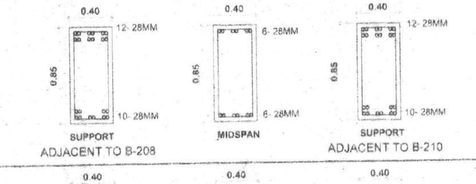
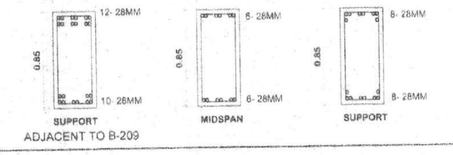
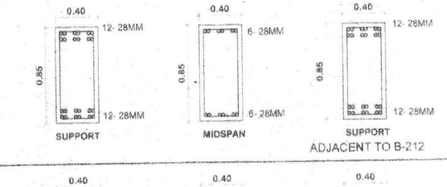
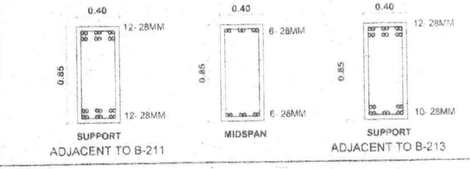
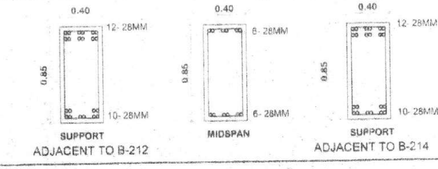
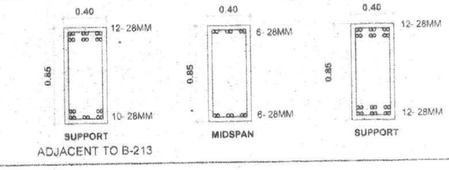
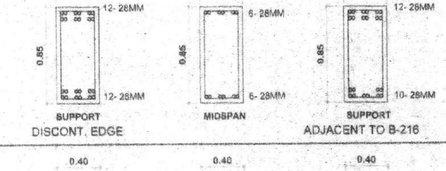
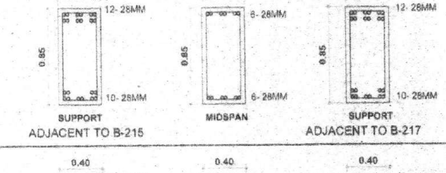
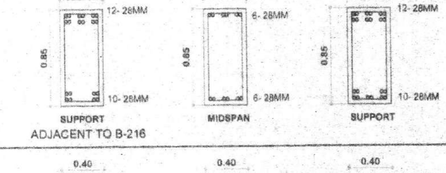
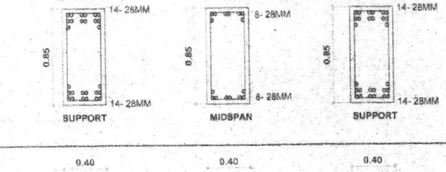
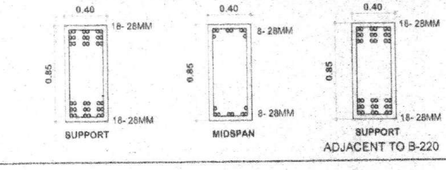
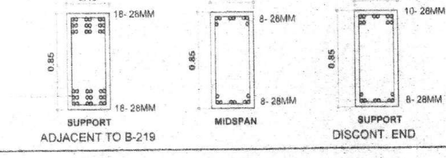
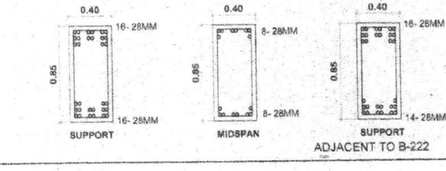
S24

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 201		10MM 1@0.050 11@0.075 3@0.100 REST @ 0.105 O.C.	10MM 1@0.050 11@0.075 3@0.100 REST @ 0.105 O.C.
B - 202		10MM 1@0.150 REST @ 0.300 O.C.	10MM 1@0.150 REST @ 0.300 O.C.
B - 203		12MM BUNDLE OF 2'S 1@0.050 REST @ 0.10 O.C.	12MM BUNDLE OF 2'S 1@0.050 REST @ 0.10 O.C.
B - 204		10MM 1 @0.055 13 @0.1150 6 @0.125 3 @0.140 REST @ 0.160 O.C.	10MM 1 @0.055 13 @0.1150 6 @0.125 5 @0.140 REST @ 0.160 O.C.
B - 205		10MM 1 @0.080 10 @0.165 REST @ 0.220 O.C.	10MM 1 @0.080 10 @0.165 REST @ 0.220 O.C.
B - 206		10MM 1 @0.045 15 @0.090 6 @0.095 6 @0.100 REST @ 0.110 O.C.	10MM 1 @0.045 15 @0.090 5 @0.095 5 @0.100 REST @ 0.110 O.C.
B - 207		10MM 1 @ 0.050 14 @ 0.100 6 @ 0.110 6 @ 0.120 REST @ 0.130 O.C.	10MM 1 @ 0.050 14 @ 0.100 6 @ 0.110 6 @ 0.120 REST @ 0.130 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 208		10MM 1 @ 0.060 12@ 0.120 5 @ 0.125 5 @ 0.140 REST @ 0.150 O.C.	10MM 1 @ 0.060 12@ 0.120 5 @ 0.125 5 @ 0.140 REST @ 0.150 O.C.
B - 209		10MM 1 @ 0.060 12 @ 0.125 5 @ 0.140 5 @ 0.160 REST @ 0.180 O.C.	10MM 1 @ 0.060 13 @ 0.120 6 @ 0.130 5 @ 0.150 REST @ 0.175 O.C.
B - 210		10MM 1@0.150 REST @ 0.300 O.C.	10MM 1@ 0.150 REST @ 0.300 O.C.
B - 211		BUNDLE OF 2'S 10MM 1 @ 0.045 19 @ 0.095 10 @ 0.105 10 @ 0.115 REST @ 0.125 O.C.	BUNDLE OF 2'S 10MM 1 @ 0.050 18 @ 0.100 10 @ 0.110 9 @ 0.115 REST @ 0.125 O.C.
B - 212		10MM 1 @ 0.070 10 @ 0.145 5 @ 0.165 4 @ 0.195 REST @ 0.235 O.C.	10MM 1 @ 0.070 10 @ 0.145 5 @ 0.165 4 @ 0.195 REST @ 0.235 O.C.
B - 213		10MM 1 @0.10 8 @0.20 REST @ 0.240 O.C.	10MM 1 @0.10 8 @0.20 REST @ 0.240 O.C.
B - 214		10MM 1 @0.070 10 @ 0.145 5 @ 0.160 4 @ 0.170 REST @ 0.190 O.C.	10MM 1 @0.070 10 @ 0.145 5 @ 0.160 4 @ 0.170 REST @ 0.190 O.C.

MARK	BEAM SECTIONS	STIRRUPS LEFT	STIRRUPS RIGHT
B - 215		10MM 1@0.055 12@0.115 5 @0.120 5 @0.130 REST @ 0.140 O.C.	10MM 1@0.055 12@0.115 5 @0.120 5 @0.130 REST @ 0.140 O.C.
B - 216		10MM 1@0.065 11 @0.130 4 @0.140 4 @0.150 REST @ 0.165 O.C.	10MM 1@0.065 11 @0.130 4 @0.140 4 @0.150 REST @ 0.165 O.C.
B - 217		10MM 1@0.090 9 @0.180 4 @0.205 REST @ 0.245 O.C.	10MM 1@0.090 9 @0.180 4 @0.205 REST @ 0.245 O.C.
B - 218		BUNDLE OF 2'S 12MM 1 @0.065 REST @ 0.135 O.C.	BUNDLE OF 2'S 12MM 1 @0.065 REST @ 0.135 O.C.
B - 219		BUNDLE OF 2'S 12MM 1 @ 0.055 REST @ 0.115 O.C.	BUNDLE OF 2'S 12MM 1 @ 0.055 REST @ 0.115 O.C.
B - 220		10MM 1@0.100 8 @0.200 REST @ 0.245 O.C.	10MM 1@0.115 8 @0.230 REST @ 0.280 O.C.
B - 221		12MM 1 @0.060 13 @ 0.120 6 @ 0.125 6 @ 0.135 REST @ 0.150 O.C.	12MM 1 @0.055 14 @ 0.110 7 @ 0.120 6 @ 0.130 REST @ 0.145 O.C.

SCHEDULE OF BEAM DETAILS

SCALE 1:30M

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CIVIL/STRUCTURAL ENGINEER
PRC REG. NO. 10 889 PTR NO. 6016938
TIN 182 435 160 DATE ISSUED: 01-08-2015

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DIRECTOR, ADMINISTRATION

DR. RICARDO E. ROTORAS
MUST PRESIDENT

SHEET TITLE: STRUCTURAL
SHEET CONTENTS
- SCHEDULE OF BEAM DETAILS

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