

STRUCTURAL NOTES

GENERAL NOTES

1. ALL CONCRETE SHALL BE CAST IN PLACE AND SHALL BE CURED BY COVERING WITH MOIST BURLAP FOR A PERIOD OF 7 DAYS.
2. ALL CONCRETE SHALL BE CAST IN PLACE AND SHALL BE CURED BY COVERING WITH MOIST BURLAP FOR A PERIOD OF 7 DAYS.
3. ALL CONCRETE SHALL BE CAST IN PLACE AND SHALL BE CURED BY COVERING WITH MOIST BURLAP FOR A PERIOD OF 7 DAYS.
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FOUNDATION

1. FOUNDATION SHALL BE CAST IN PLACE AND SHALL BE CURED BY COVERING WITH MOIST BURLAP FOR A PERIOD OF 7 DAYS.
2. FOUNDATION SHALL BE CAST IN PLACE AND SHALL BE CURED BY COVERING WITH MOIST BURLAP FOR A PERIOD OF 7 DAYS.
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CONCRETE

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REINFORCING STEEL BARS

1. REINFORCING STEEL BARS SHALL BE CAST IN PLACE AND SHALL BE CURED BY COVERING WITH MOIST BURLAP FOR A PERIOD OF 7 DAYS.
2. REINFORCING STEEL BARS SHALL BE CAST IN PLACE AND SHALL BE CURED BY COVERING WITH MOIST BURLAP FOR A PERIOD OF 7 DAYS.
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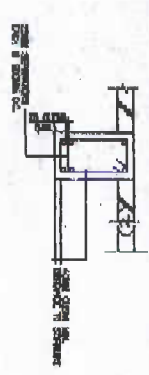
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COLUMNS

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BEAMS AND GIRDS

1. BEAMS AND GIRDS SHALL BE CAST IN PLACE AND SHALL BE CURED BY COVERING WITH MOIST BURLAP FOR A PERIOD OF 7 DAYS.
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CONCRETE SLABS

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MASONRY BLOCK WALLS

1. MASONRY BLOCK WALLS SHALL BE CAST IN PLACE AND SHALL BE CURED BY COVERING WITH MOIST BURLAP FOR A PERIOD OF 7 DAYS.
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ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE	TOTAL
1	CONCRETE	CU YD	100	100.00	10000.00
2	REINFORCING STEEL	TON	50	500.00	25000.00
3	MASONRY BLOCKS	1000'S	200	200.00	40000.00
4	FORMWORK	SQ YD	1000	100.00	100000.00
5	LABOR	HOUR	10000	10.00	100000.00
6	TRANSPORTATION	TRUCK	100	100.00	10000.00
7	INSURANCE	PERCENT	10	10.00	1000.00
8	TOTAL				300000.00

NOTES: ALL CONCRETE SHALL BE CAST IN PLACE AND SHALL BE CURED BY COVERING WITH MOIST BURLAP FOR A PERIOD OF 7 DAYS.

FRY CONSTRUCTION AND SUPPLY

1000 PINE BLVD
MEMPHIS, TN 38103

DATE: JUN 14 2012
JOB NO. 252451

DATE: JUN 14 2012

DATE: JUN 14 2012

DATE: JUN 14 2012

DATE: JUN 14 2012

DATE: JUN 14 2012

Construction of Student Dormitory for the College of Agriculture, Forestry & Forestry

S-1

STRUCTURAL NOTES

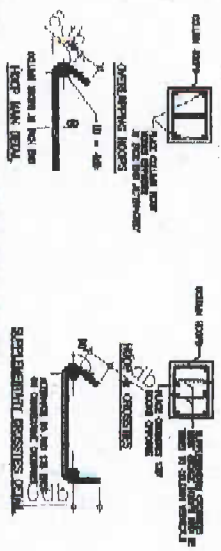


REINFORCEMENT TYPE	TYP. BAR SIZE	BAR SPACING
TOP REINFORCEMENT	#4	12" O.C.
BOTTOM REINFORCEMENT	#4	12" O.C.

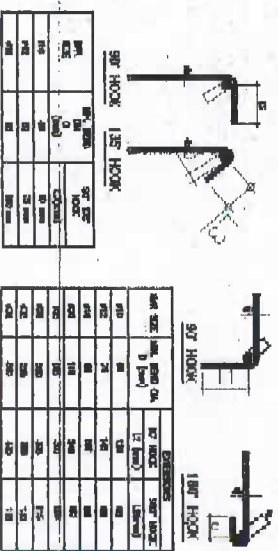


1. 3" MIN. CLEARANCE TO CENTER OF THE NEXT COLUMN OR WALL. 2. 3" MIN. CLEARANCE TO CENTER OF THE NEXT BEAM OR WALL. 3. 3" MIN. CLEARANCE TO CENTER OF THE NEXT REINFORCING BAR.

MISCELLANEOUS REINFORCEMENT DETAIL



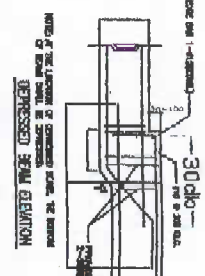
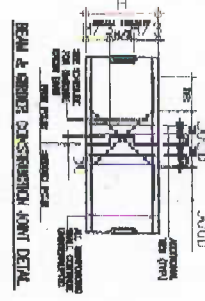
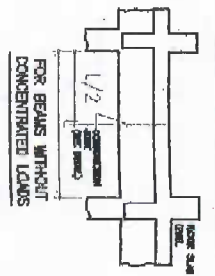
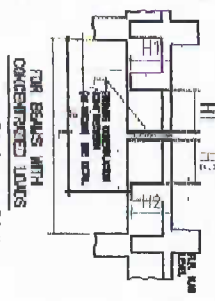
HOOPS & CROSS TIE BAR PLACEMENT DETAIL



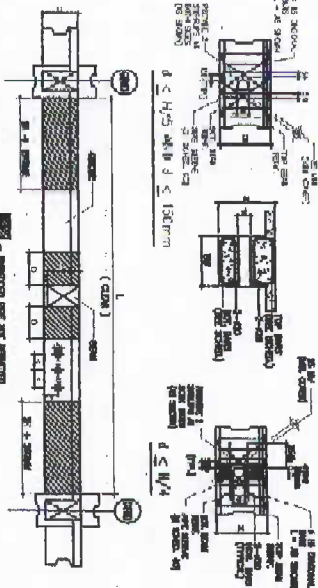
STANDARD HOOK & BEND

BAR SIZE	90° HOOK	180° HOOK	90° BEND	180° BEND
#3	10"	12"	10"	12"
#4	12"	15"	12"	15"
#5	15"	18"	15"	18"
#6	18"	22"	18"	22"
#7	22"	27"	22"	27"
#8	27"	33"	27"	33"
#9	33"	40"	33"	40"
#10	40"	48"	40"	48"
#11	48"	57"	48"	57"
#12	57"	67"	57"	67"

TYPE OF JOINT	REINFORCEMENT
1. 180°	#4 @ 12" O.C.
2. 90°	#4 @ 12" O.C.
3. 45°	#4 @ 12" O.C.
4. 135°	#4 @ 12" O.C.



DETAIL OF BEAM OPENINGS

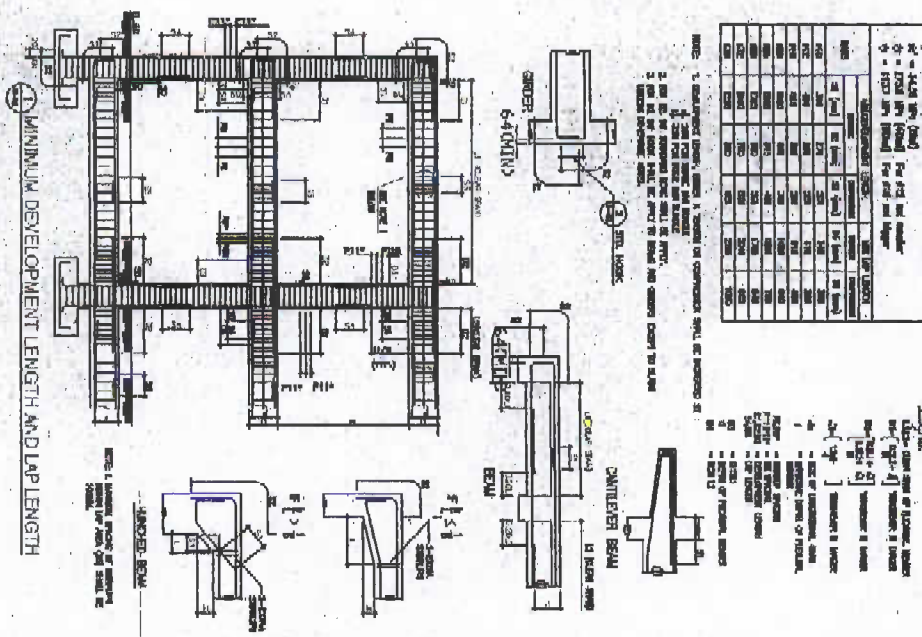


DETAIL OF BEAM OPENINGS

NOTES:
 1. REINFORCEMENT SHALL BE #4 @ 12" O.C.
 2. REINFORCEMENT SHALL BE #4 @ 12" O.C.
 3. REINFORCEMENT SHALL BE #4 @ 12" O.C.
 4. REINFORCEMENT SHALL BE #4 @ 12" O.C.

BAR SIZE	DEVELOPMENT LENGTH
#3	12"
#4	15"
#5	18"
#6	22"
#7	27"
#8	33"
#9	40"
#10	48"
#11	57"
#12	67"

BAR SIZE	DEVELOPMENT LENGTH
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RMV CONSTRUCTION AND SUPPLY

LETT MFG. LUDOG

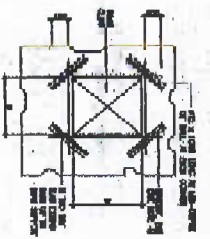
PROJECT NO.: 02212
 DATE: JAN 8 2018

Construction of Student Dormitory for the College of Agriculture, Fishery & Forestry

LOCATION: BOHOL STATE UNIVERSITY - SAN ANTONIO, RABOAN

DATE: DEC. 2018

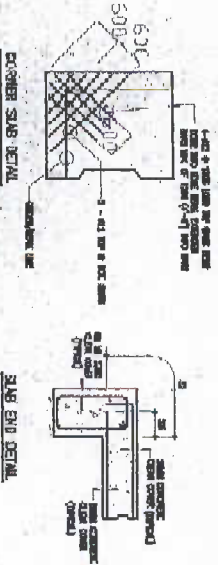
STRUCTURAL NOTES



SLAB EDGE DETAIL

NOTES:

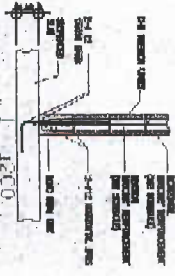
1. REINFORCE SLAB EDGE WITH 1#4 @ 12" O.C. (MIN. 10" FROM FACE)
2. 1#4 @ 12" O.C. (MIN. 10" FROM FACE) TO BE PLACED IN THE SLAB EDGE TO BE BUILT UP TO THE FACE OF THE SLAB.
3. 1#4 @ 12" O.C. (MIN. 10" FROM FACE) TO BE PLACED IN THE SLAB EDGE TO BE BUILT UP TO THE FACE OF THE SLAB.
4. 1#4 @ 12" O.C. (MIN. 10" FROM FACE) TO BE PLACED IN THE SLAB EDGE TO BE BUILT UP TO THE FACE OF THE SLAB.



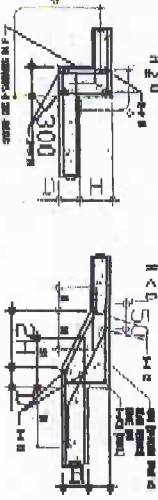
MISCELLANEOUS DETAILS



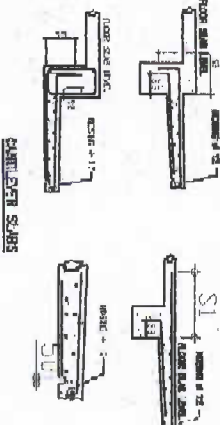
REBARS @ CORNERS OF R. C. WALLS



CHB CONNECTION DETAILS



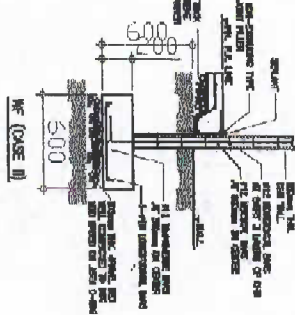
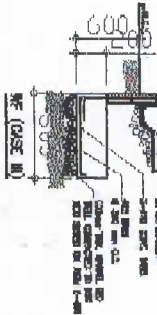
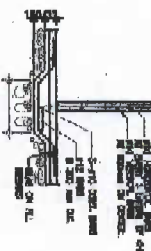
COMPRESSED SLAB DETAILS



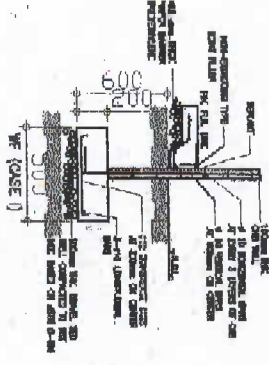
SLAB EDGE SLABS



MISCELLANEOUS SLAB DETAILS



CHB WALL FOOTING DETAILS (WHERE APPLICABLE)



DATE: 08/14/2018

SCALE: 1/4" = 1'-0"

PROJECT: Construction of Student Dormitory for the College of Agriculture, Fishery & Forestry

DESIGNED BY: [Signature]

CAD OPERATOR: [Signature]

RNY CONSTRUCTION AND SUPPLY

TIM HANSEN, ALIBOO

PROJ. NO. 102712, DATE: JUNE 14, 2012

DATE: JAN 8, 2013

LEONARDO ALIBOO

ALIBOO CONSULTING

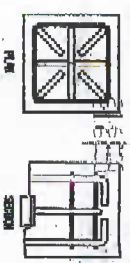
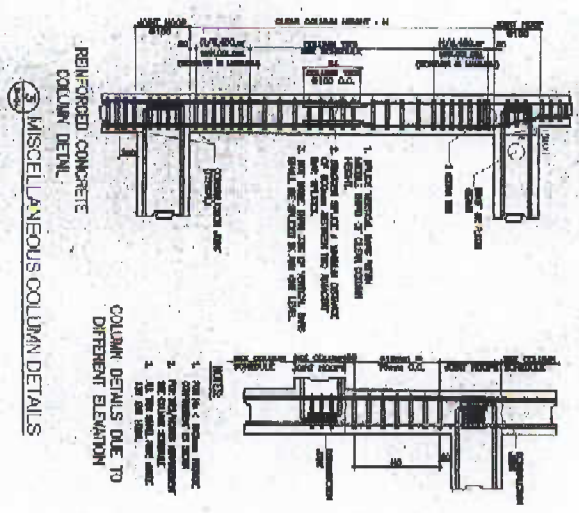
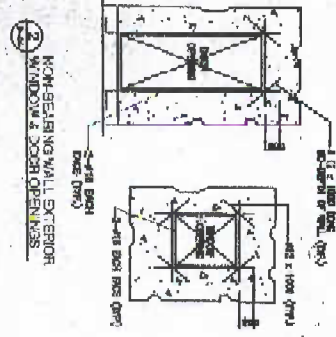
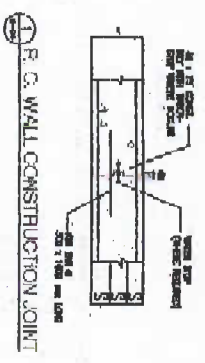
Construction of Student Dormitory for the College of Agriculture, Fishery & Forestry

INDICATION: REVISION STATE UNIVERSITY - San Andres, Bantayan

DATE: 08/14/2018

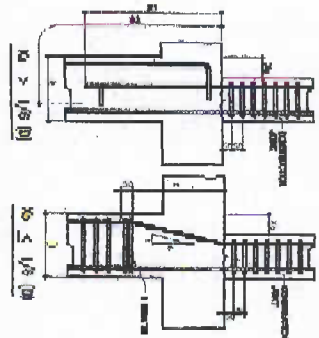
DATE: 08/14/2018

STRUCTURAL NOTES



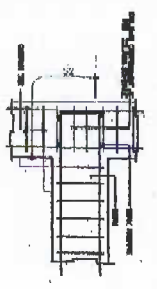
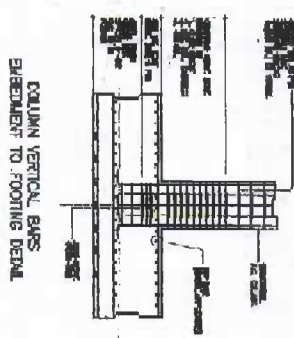
- NOTES ON UP-SLICES:
1. COLUMN TOP OF UP-SLICE SHALL BE REINFORCED WITH 4-#4 BARS AT TOP OF COLUMN.
 2. 4-#4 BARS SHALL BE EXTENDED UP TO TOP OF COLUMN AND BENT 90 DEGREES.
 3. 4-#4 BARS SHALL BE EXTENDED UP TO TOP OF COLUMN AND BENT 90 DEGREES.
 4. 4-#4 BARS SHALL BE EXTENDED UP TO TOP OF COLUMN AND BENT 90 DEGREES.
- NOTES ON REINFORCEMENT AND BARS:
1. ALL BARS SHALL BE #4.
 2. ALL BARS SHALL BE EXTENDED UP TO TOP OF COLUMN AND BENT 90 DEGREES.
 3. ALL BARS SHALL BE EXTENDED UP TO TOP OF COLUMN AND BENT 90 DEGREES.

SEISMIC RESISTANT COLUMN SPLICING DETAIL

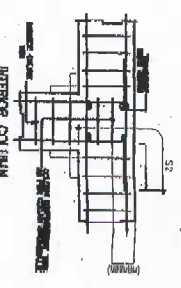


- NOTES:
1. THE SPlicing SHALL BE COVERED WITH THE COVERED CORE OF A SECTION OF 4" x 4" REINFORCED CONCRETE.
 2. THE SPlicing SHALL BE COVERED WITH THE COVERED CORE OF A SECTION OF 4" x 4" REINFORCED CONCRETE.

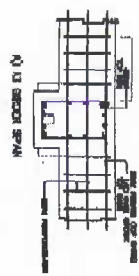
DETAILS DUE TO COLUMN OFFSETS



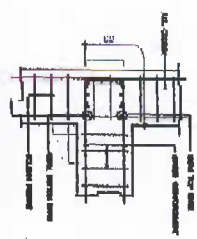
BEAM REBAR TERMINATION BEND



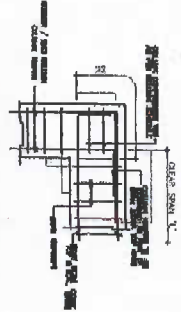
INTERIOR COLUMN TERMINATION BEND



TYPICAL PLAN OF BEAM / GIRDER COLUMN JOINT



TYP. BEAM AND GIRDER REBAR LAYOUT



CORNER / EXTERIOR COLUMN TERMINATION BEND

DESIGNED BY: OTHER ENGINEER: CHECKED BY: REVISIONS: DATE: DEC 2018

RIV CONSTRUCTION AND SUPPLY

LENT RIVER E. ALDRIDGE

PROJ NO: 2086331
 PROJ DESG. NO.: 0127312
 VALIDITY: JUNE 14 2022
 DATE: 01-14-18 2:00

DESIGNED BY: JASON S. JOHNSON

APPROVED BY: JASON S. JOHNSON

PROJECT TITLE: Construction of Student Dormitory for the College of Agriculture, Forestry & Forestry

LOCATION: LOUISIANA STATE UNIVERSITY - East Natchez, Louisiana.

IS SHOWN

CAD OPERATOR:

JOB NO.:

DATE: DEC 2018