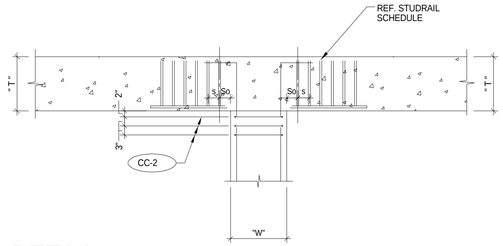
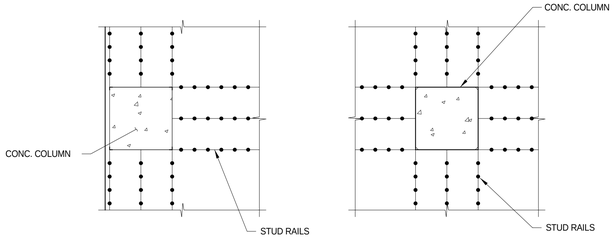
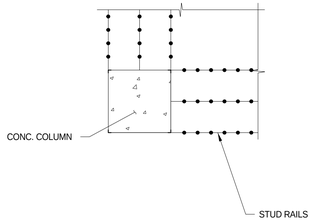


1 DETAIL
3/4" = 1'-0"



EDGE LAYOUT

INTERIOR LAYOUT



CORNER LAYOUT

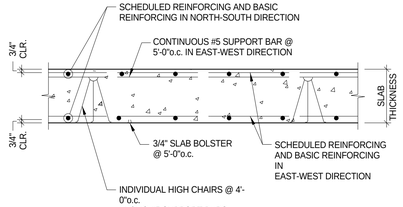
2 DETAIL
3/4" = 1'-0"

STUDRAIL SCHEDULE

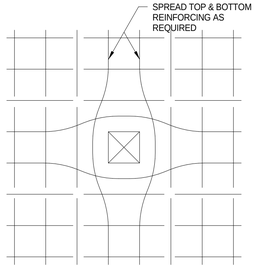
MARK	# OF RAILS/ COLUMN	# OF STUD/ RAIL	STUD DIAMETER	STUD SPACING "S"	DISTANCE TO 1st STUD "S_o"	OVERALL HEIGHT OF RAIL	TOP COVER	BOTTOM COVER	LAYOUT
SR1	12	13	3/8"	3 1/4"	3 1/4"	6 1/2"	3/4"	3/4"	INTERIOR
SR2	9	13	3/8"	3 1/4"	3 1/4"	6 1/2"	3/4"	3/4"	EDGE

STUDRAIL NOTES:

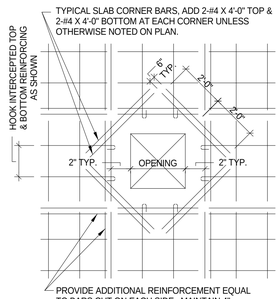
SRN-1 STUDRAILS SHALL BE MANUFACTURED BY DECON. SUBSTITUTIONS ONLY AS APPROVED BY STRUCTURAL ENGINEER .



TWO-WAY SLAB REINFORCING BAR PLACEMENT



LESS THAN 12"



GREATER THAN 12"

TWO-WAY SLAB OPENING BAR PLACEMENT

TWO-WAY SLAB REINFORCING SCHEDULE

PLACE-MENT	MARK	THICK-NESS	REINFORCING NO.	REINFORCING SIZE	REINFORCING SPACING	TYPE BEND	REMARKS
TOP BARS IN COLUMN STRIP	TC1	8"	-	#6	6"	T4	
	TC2	8"	-	#15	9"	T5	
BOTTOM BARS IN COLUMN STRIP	BC1	8"	-	#5	9"	B7	MIN. OF 2 BARS SHALL BE PLACED WITHIN COL. VERT. STEEL
	BC2	8"	-	#5	10"	B4	MIN. OF 2 BARS SHALL BE PLACED WITHIN COL. VERT. STEEL
TOP BARS IN MIDDLE STRIP	TM1	8"	-	#5	12"	T4	
	TM2	8"	-	#5	16"	T5	
BOTTOM BARS IN MIDDLE STRIP	BM1	8"	-	#5	9"	B3	
	BM2	8"	-	#5	12"	B3	

THESE DRAWINGS WERE PREVIOUSLY SIGNED AND SEALED ON

FEBRUARY 19, 2010

BY

SHAWN J. FRANKE P.E.
LOUISIANA REG. NO. 28077

TWO-WAY SLAB NOTES:

SN-1 BASIC REINFORCING BARS ARE #5 AT 16"o.c. EACH WAY IN TOP AND BOTTOM OF SLAB AND MAY BE MADE UP OF STOCK LENGTH, EXCEPT THAT SPLICES SHALL BE STAGGERED SO THAT SPLICES IN ADJACENT BARS SHALL MISALIGN AT LEAST 6'-0". SCHEDULED BARS SUPPLEMENT THE BASIC REINFORCING AND ARE TO BE ADDED TO BASIC REINFORCING.

SN-2 THE SYMBOL ◄——► DENOTES THE DIRECTION OF STEEL PLACEMENT. BARS SHALL BE POSITIONED PARALLEL TO THIS MARK.

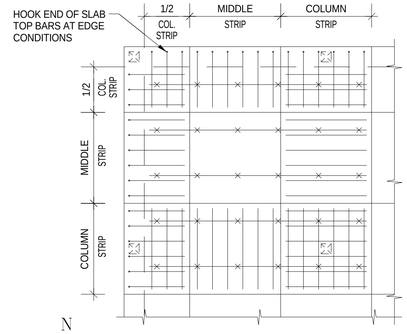
BC - DENOTES BOTTOM BARS IN COLUMN STRIPS.
TC - DENOTES TOP BARS IN COLUMN STRIPS.
BM - DENOTES BOTTOM BARS IN MIDDLE STRIPS.
TM - DENOTES TOP BARS IN MIDDLE STRIPS.

SN-3 REINFORCING BAR PLACEMENT SHALL BE AS FOLLOWS:

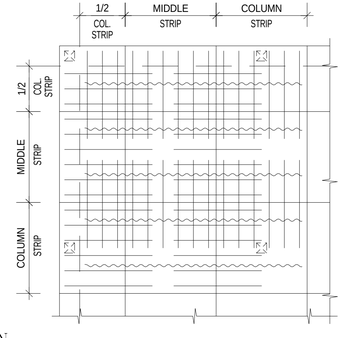
1. BASIC BOTTOM BARS IN NORTH-SOUTH DIRECTION (N-S).
2. SCHEDULED BOTTOM BARS IN N-S.
3. BASIC BOTTOM BARS IN EAST-WEST DIRECTION (E-W).
4. SCHEDULED BOTTOM BARS IN E-W.
5. SUPPORT BARS AT 5'-0"o.c. IN E-W.
6. BASIC TOP BARS IN N-S.
7. SCHEDULED TOP BARS IN N-S.
8. BASIC TOP BARS IN E-W.
9. SCHEDULED TOP BARS IN E-W.

SCHEDULED BARS SHALL BE SPACED EQUALLY ACROSS THE WIDTH OF THE STRIP.

SN-4 BAR SUPPORTS SHALL BE PROVIDED IN ACCORDANCE WITH ACI DETAILING MANUAL SP-66 & CRSI BAR PLACING MANUAL. BOTTOM BARS SHALL BE SUPPORTED ON SLAB BOLSTERS WITH CONTINUOUS BOTTOM WIRE RUNNERS. TOP BARS SHALL BE SUPPORTED ON #5 SUPPORT BARS AT 5'-0"o.c. ON INDIVIDUAL HIGH CHAIRS AT 4'-0"o.c. ALONG SUPPORT BARS. STEEL FABRICATOR SHALL PROVIDE A DIAGRAM OF BAR SUPPORTS AS ILLUSTRATED ON ACI MANUAL SP-66.



TOP BAR REINFORCING



BOTTOM BAR REINFORCING

NOTE: BASIC REINFORCING NOT SHOWN FOR CLARITY.

TWO-WAY SLAB REINFORCING BAR STRIP PATTERN

THE SAENGER THEATRE RENEWAL PROJECT

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New Orleans, LA

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Houston, TX 77027

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Structural Engineer
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Theatre Consultant
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612.339.5958

Acoustical Engineer
Akustiks
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Norwalk, CT 06584
202.299.1904

MEP Engineer
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3525 N. Causeway BLVD. Suite 500
Metairie, LA 70002
202.393.1199

Civil Engineer
Linfield, Hunter, & Junius, Inc.
3608 18TH Street Suite 200
Metairie, LA 70002
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7502

DATE:	No.:	REVISION:
09.15.10	1	ELECTRICAL VAULT FOR
		CONSTRUCTION

DATE:	ISSUE:
02.19.10	PERMIT SET
04.02.10	GMP
11.11.10	CONTRACT SET

SHEET TITLE:
NOTES, TWO WAY SLAB SCHEDULE & DETAILS

S-3.03

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