

1 LEVEL ONE LAYOUT
SCALE: 1/4" = 1'-0"

ARCHITECTURAL

Treated 2x12
TGI
TGI
TGI
Treated 2x12
100% R.C.M. COLUMNS (TYP)
NATURAL GAS OUTLET

Beam

NEW ESTATE FOR:
LISA & BRUCE CLEMENT
THREE JENNIFER LANE
SLIDELL, LOUISIANA 70458
JOB No: 2251 DATE: 04-09-15
DRAWN BY: GKD CHECKED BY: BAM

#	DESCRIPTION	REVISIONS	DATE

DAMMON ENGINEERING, INC.
554 Old Spanish Trail
Slidell, LA 70458
PH: 985.649.5832
www.dammonengineering.com
info@dammonengineering.com
Fax: 985.641.5950

SHEET TITLE:
LEVEL ONE LAYOUT
DRAWING NUMBER:
A101
SHEET NO:
5 of 10

SHEET TITLE:
SITE PLAN

NEW ESTATE FOR:
CLIMAX & TURNER
THREE JENNIFER LANE
SLIDELL, LOUISIANA 70458
JOB No.:
DATE: 2/25/11
CHECKED BY: BAK

DATE: _____
DESCRIPTION: _____
REVISIONS: _____
SEAL: _____

554 Old Spanish Trail
Slidell, LA 70458
PH: 985.649.5832
www.dammoneengineering.com
info@dammoneengineering.com
FAX: 985.641.5895

DAMMON ENGINEERING, INC.



1 SITE PLAN
SCALE: 1" = 20'-0"
SITE

TABLE S601.7 - UPLIFT CONNECTIONS - 130 MPH WINDS EXP "C"
WFCM 2015 TABLE 9.2

CONNECTION	FRAMING CONNECTION (INCHES)	ROOF SPAN (FEET)	UPLIFT (LBS)	SHEAR	
				LATERAL	DIAGONAL
ROOF ASSEMBLY TO WALL ASSEMBLY TO FOUNDATION	16" OC	16	401	242	152R
WALL ASSEMBLY TO FOUNDATION	16" OC	16	224	214	456

TABLE S601.8 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 130 MPH WIND EXP "C"
WFCM 2015 TABLE 9.2C

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING UPLIFT LOADS	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		8' END ZONES	INTERIOR ZONES
1 - 3 STORES	1 - 3 STORES	25 INCHES ON CENTER	30 INCHES ON CENTER

NOTE: A MINIMUM OF ONE ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH END OF EACH PLATE.

TABLE S601.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING SHEAR LOADS - 130 MPH WIND EXP "C"
WFCM 2015 TABLE 9.2B

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING UPLIFT LOADS	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		1/2" Ø ANCHOR BOLTS	5/8" Ø ANCHOR BOLTS
1 STORY	1 STORY	30 INCHES ON CENTER	48 INCHES ON CENTER

TABLE S601.10 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXPOSURE "C"
WFCM 2015 TABLE 9.23C

HEADER SPAN (FEET)	WALL SPACING (INCHES)	
	12" OC	16" OC
2	1	1
4	2	2
6	3	3
8	4	3

TABLE S601.5 - JACK STUD REQ - INT LOADBEARING WALLS

HEADER SUPPORTING	ROOF SPAN (FEET)											
	12 FEET			24 FEET			36 FEET			48 FEET		
	3'	4.5'	6'	4.5'	6'	7.5'	4.5'	6'	7.5'	9'	4.5'	6'
ONE FLOOR ONLY (CENTER BEARING)	2	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	1	1	1
	8	1	1	1	1	1	1	1	1	1	1	1
	10	1	1	1	1	1	1	1	1	1	1	1
	12	1	1	1	1	1	1	1	1	1	1	1
	14	2	1	1	1	1	1	1	1	1	1	1
	16	2	1	1	1	1	1	1	1	1	1	1
	18	2	1	1	1	1	1	1	1	1	1	1
	20	2	1	1	1	1	1	1	1	1	1	1
TWO FLOORS (CENTER BEARING)	2	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1
	6	2	1	1	1	1	1	1	1	1	1	1
	8	2	1	1	1	1	1	1	1	1	1	1
	10	2	2	1	1	1	1	1	1	1	1	1
	12	3	2	1	1	1	1	1	1	1	1	1
	14	3	2	2	1	1	1	1	1	1	1	1
	16	4	3	2	2	1	1	1	1	1	1	1
	18	4	3	2	2	1	1	1	1	1	1	1
	20	4	3	2	2	1	1	1	1	1	1	1
HEADER WIDTH - 3" (2-2x), 4.5" (3-2x), 5" (4-2x), 6.5" (4-2x) EACH W/ 1/2" PLYWOOD SPACER BETWEEN	2	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1
	6	2	1	1	1	1	1	1	1	1	1	1
	8	2	1	1	1	1	1	1	1	1	1	1
	10	2	2	1	1	1	1	1	1	1	1	1
	12	3	2	1	1	1	1	1	1	1	1	1
	14	3	2	2	1	1	1	1	1	1	1	1
	16	4	3	2	2	1	1	1	1	1	1	1
	18	4	3	2	2	1	1	1	1	1	1	1
	20	4	3	2	2	1	1	1	1	1	1	1

TABLE S601.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS
WFCM 2015 TABLE 9.22F

HEADER SUPPORTING	ROOF SPAN (FEET)											
	12 FEET			24 FEET			36 FEET			48 FEET		
	3'	4.5'	6'	4.5'	6'	7.5'	4.5'	6'	7.5'	9'	4.5'	6'
ROOF AND CEILING	2	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1
	6	2	1	1	1	1	1	1	1	1	1	1
	8	2	1	1	1	1	1	1	1	1	1	1
	10	3	2	1	1	1	1	1	1	1	1	1
	12	3	2	2	1	1	1	1	1	1	1	1
	14	4	3	2	2	1	1	1	1	1	1	1
	16	4	3	2	2	1	1	1	1	1	1	1
	18	4	3	2	2	1	1	1	1	1	1	1
	20	4	3	2	2	1	1	1	1	1	1	1
ROOF CEILING AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	1	1	1	1	1	1	1
	6	3	2	1	1	1	1	1	1	1	1	1
	8	3	2	1	1	1	1	1	1	1	1	1
	10	4	3	2	1	1	1	1	1	1	1	1
	12	4	3	2	2	1	1	1	1	1	1	1
	14	5	4	3	2	2	1	1	1	1	1	1
	16	5	4	3	2	2	1	1	1	1	1	1
	18	5	4	3	2	2	1	1	1	1	1	1
	20	5	4	3	2	2	1	1	1	1	1	1
HEADER WIDTH - 3" (2-2x), 4.5" (3-2x), 5" (4-2x) EACH W/ 1/2" PLYWOOD SPACER BETWEEN	2	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1
	6	2	1	1	1	1	1	1	1	1	1	1
	8	2	1	1	1	1	1	1	1	1	1	1
	10	2	2	1	1	1	1	1	1	1	1	1
	12	3	2	1	1	1	1	1	1	1	1	1
	14	3	2	2	1	1	1	1	1	1	1	1
	16	4	3	2	2	1	1	1	1	1	1	1
	18	4	3	2	2	1	1	1	1	1	1	1
	20	4	3	2	2	1	1	1	1	1	1	1

UNDERLAYMENT NOTES

- FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17% SLOPE) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33% SLOPE), APPLY A 1/4" STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. APPLY AN ADDITIONAL STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND FASTENED SUFFICIENTLY TO HOLD IN PLACE. INTERLAP SUCCESSIVE STRIPS 18 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.
- FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33% SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER:
 - UNDERLAYMENT SHALL BE APPLIED SINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.

SHINGLE APPLICATION & FASTENING NOTES

- ASPHALT STRIP SHINGLES SHALL HAVE A MINIMUM OF SIX FASTENERS PER SHINGLE WHERE THE ROOF IS IN ONE OF THE FOLLOWING CATEGORIES:
 - THE BASIC WIND SPEED IS 110 MPH OR GREATER AND THE EAVE IS 20 FEET OR HIGHER ABOVE GRADE.
 - THE BASIC WIND SPEED IS 120 MPH OR GREATER.
 - SPECIAL WIND ZONES.

GENERAL UPLIFT CONNECTION NOTES

ROOF ASSEMBLY TO WALL ASSEMBLY:
UPLIFT CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD. RAFTERS SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.10.

WALL ASSEMBLY TO WALL ASSEMBLY:
STUDY TO STUD UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.11.

WALL ASSEMBLY TO FOUNDATION:
FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION SILL PLATE OR BOTTOM PLATE. A MINIMUM OF 1-1/4" x 20 GA. ASTM A653 GALV. SHEET PILING SHALL BE USED TO ATTACH THE WALL STUD TO THE SILL PLATE OR BOTTOM PLATE. THE WALL STUD SHALL BE ATTACHED TO THE SILL PLATE OR BOTTOM PLATE WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.12.

TABLE S601.2 - WALL SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"

SHEATHING LOCATION	STUD SPACING	MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
		E	F
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6
	12" OC	6	12
PERIMETER EDGE ZONE	16" OC	6	6
	24" OC	6	6

85 MPH WIND - EXPOSURE "C" TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

TABLE S601.3 - NAILING SCHEDULE WFCM 2015 TABLE 9.1

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING	HEADERS TO HEADER (FACE NAILED)	
				16d	16d
16" OC EDGES				16d	16d

TABLE S601.4 - BUILDING ENVELOPE REQUIREMENTS

OPAGUE ELEMENTS	INSULATION MINIMUM R-VALUE	ASSEMBLY	
		ENTIRELY ABOVE DECK	R-20.0 G.I.
ROOFS			
INSULATION ENTIRELY ABOVE DECK	U-0.049	R-20.0 G.I.	
METAL BUILDING	U-0.085	R-19	
ATTIC AND OTHER	U-0.027	R-50	
WALLS ABOVE GRADE			
MAS5	U-0.191	R-5 T.C.I.	
METAL BUILDING	U-0.119	R-19.0	
STEEL-FRAMED	U-0.124	R-19.0	
WOOD-FRAMED AND OTHER	U-0.084	R-15.0	
MAS5	U-0.107	R6-3 G.I.	
STEEL JOIST	U-0.052	R-19.0	
WOOD FRAMED AND OTHER	U-0.051	R-19.0	
FLOORS			
UN-HEATED	F-0.130	NR	
SKINNING	U-0.100	NR	
NON-SKINNING	U-1.450	NR	

ROOF UNDERLAYMENT NOTES

FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17% SLOPE) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33% SLOPE), APPLY A 1/4" STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. APPLY AN ADDITIONAL STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND FASTENED SUFFICIENTLY TO HOLD IN PLACE. INTERLAP SUCCESSIVE STRIPS 18 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.

FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33% SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER:

- UNDERLAYMENT SHALL BE APPLIED SINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.

GENERAL UPLIFT CONNECTION NOTES

ROOF ASSEMBLY TO WALL ASSEMBLY:
UPLIFT CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD. RAFTERS SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.10.

WALL ASSEMBLY TO WALL ASSEMBLY:
STUDY TO STUD UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.11.

WALL ASSEMBLY TO FOUNDATION:
FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION SILL PLATE OR BOTTOM PLATE. A MINIMUM OF 1-1/4" x 20 GA. ASTM A653 GALV. SHEET PILING SHALL BE USED TO ATTACH THE WALL STUD TO THE SILL PLATE OR BOTTOM PLATE. THE WALL STUD SHALL BE ATTACHED TO THE SILL PLATE OR BOTTOM PLATE WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.12.

TABLE S601.1 - ROOF SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"

SHEATHING LOCATION	RAFTER / TRUSS SPACING	MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
		E	F
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6
	12" OC	6	12
PERIMETER EDGE ZONE	16" OC	4	4
	24" OC	3	3

130 MPH WIND - EXPOSURE "C" TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

TABLE S601.2 - WALL SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"

SHEATHING LOCATION	STUD SPACING	MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
		E	F
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6
	12" OC	6	12
PERIMETER EDGE ZONE	16" OC	6	6
	24" OC	6	6

85 MPH WIND - EXPOSURE "C" TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

TABLE S601.3 - NAILING SCHEDULE WFCM 2015 TABLE 9.1

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING	HEADERS TO HEADER (FACE NAILED)	
				16d	16d
16" OC EDGES				16d	16d

TABLE S601.4 - BUILDING ENVELOPE REQUIREMENTS

OPAGUE ELEMENTS	INSULATION MINIMUM R-VALUE	ASSEMBLY	
		ENTIRELY ABOVE DECK	R-20.0 G.I.
ROOFS			
INSULATION ENTIRELY ABOVE DECK	U-0.049	R-20.0 G.I.	
METAL BUILDING	U-0.085	R-19	
ATTIC AND OTHER	U-0.027	R-50	
WALLS ABOVE GRADE			
MAS5	U-0.191	R-5 T.C.I.	
METAL BUILDING	U-0.119	R-19.0	
STEEL-FRAMED	U-0.124	R-19.0	
WOOD-FRAMED AND OTHER	U-0.084	R-15.0	
MAS5	U-0.107	R6-3 G.I.	
STEEL JOIST	U-0.052	R-19.0	
WOOD FRAMED AND OTHER	U-0.051	R-19.0	

DRAWING NUMBER:

SHEET TITLE:
FRONT & SIDE
ELEVATION

JOB NO:
THREE JENNER LANE
SLIDELL, LOUISIANA 70458

DATE: 04-09-15
CHECKED BY: BAM

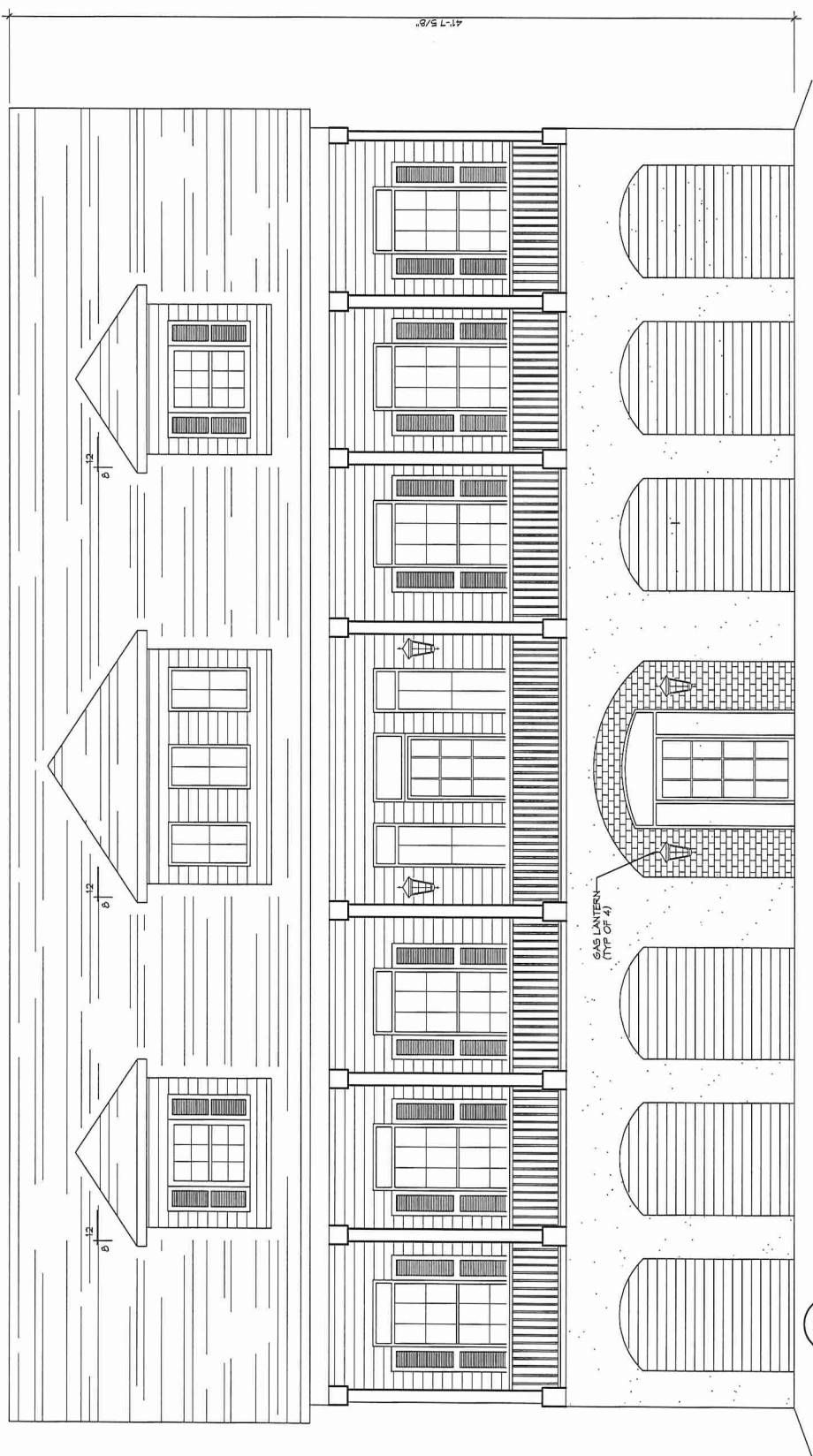
DATE: 04-09-15
DRAWN BY: BAM

#	DESCRIPTION	DATE

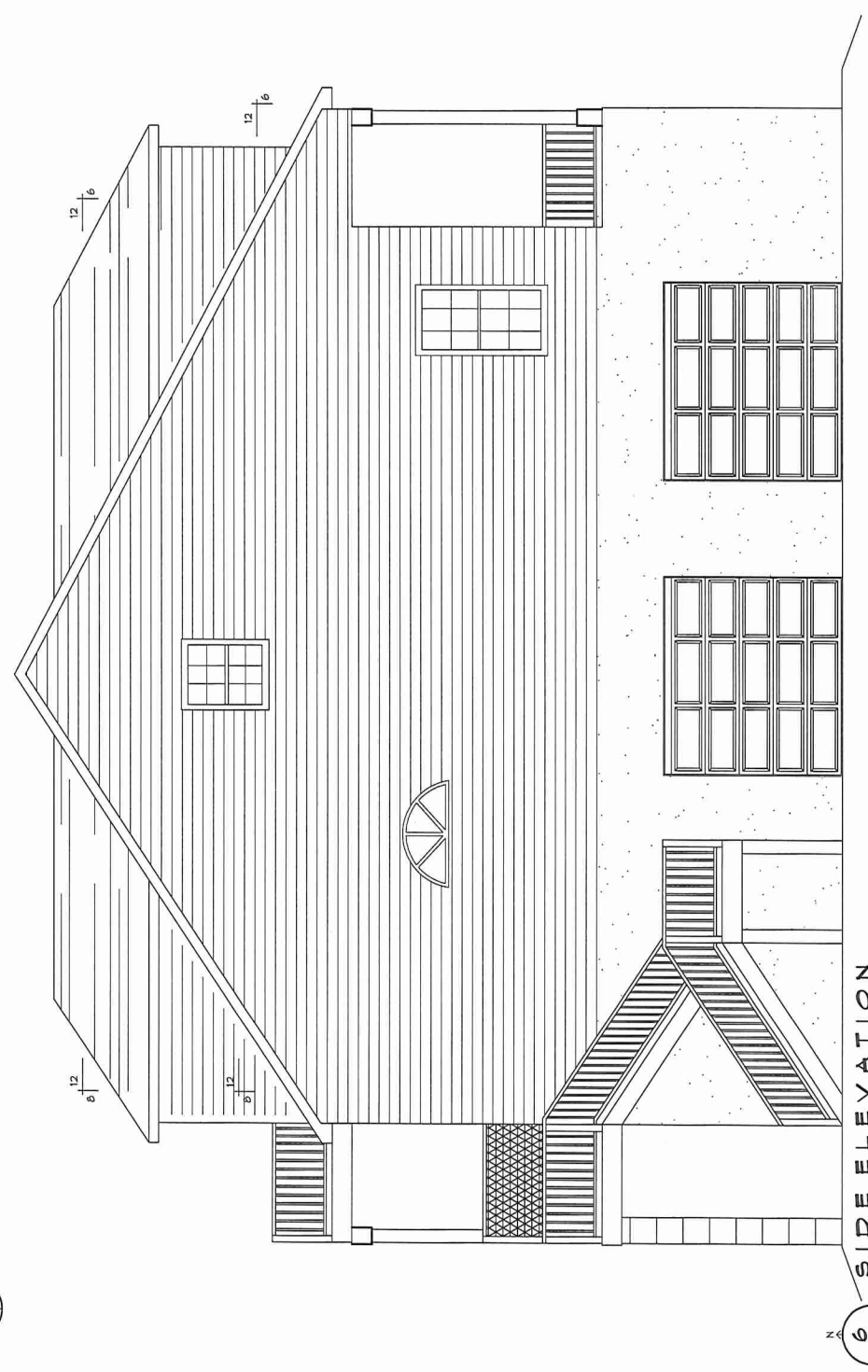
554 Old Spanish Trail
Slidell, LA 70458
PH: 985.649.5832

DAMMON
ENGINEERING, INC.

www.dammonengineering.com
info@dammonengineering.com
Fax: 985.641.5950



5 FRONT ELEVATION
SCALE: 1/4" = 1'-0"



6 SIDE ELEVATION
SCALE: 1/4" = 1'-0"

41'-5 5/8"

ELEVATION

ELEVATION

