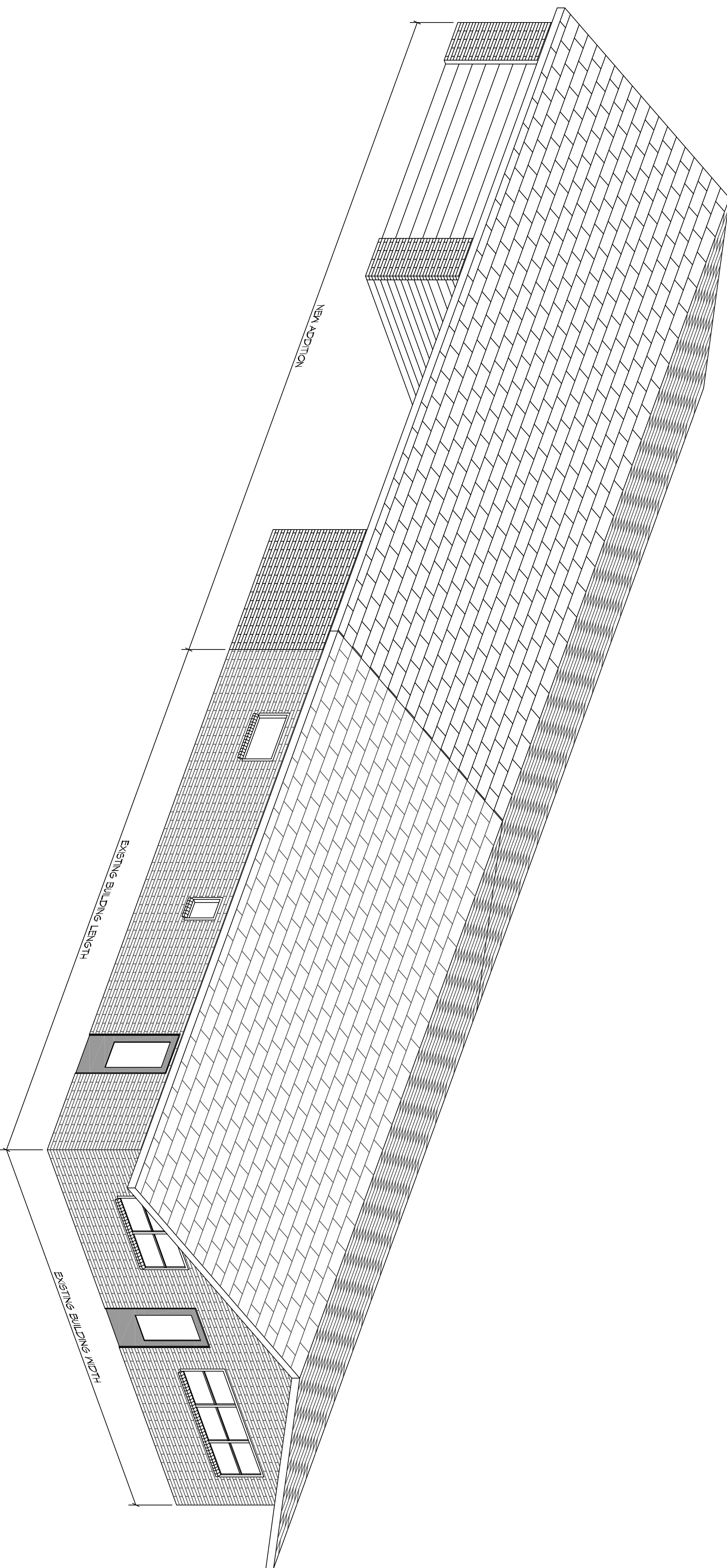


VICINITY MAP

RENOVATIONS AND ADDITIONS TO THE MARLOWE RESIDENCE



SHEET INDEX

SHEET #	DESCRIPTION
6001	GENERAL INFORMATION SHEET & COVER SHEET
C101	SITE PLAN
S101	FOUNDATION PLAN & DETAILS
D101	DEMOLITION PLAN
A101	NEW FLOOR PLAN & TYPICAL SECTION
A102	NEW ROOF AND ROOF FRAMING PLANS
A103	TYPICAL CONNECTION DETAILS - SCHEDULES & NOTES

GENERAL NOTES

1. ALL MATERIALS AND WORK INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN ADOPTION.
2. CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
3. THE DRAWINGS, SPECIFICATIONS AND ANY SUBSEQUENTLY ISSUED DOCUMENTS SHALL PREVAIL OVER THESE CONTRACT DOCUMENTS.
4. DO NOT SCALE DRAWINGS.
5. TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
6. THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO DAMMON ENGINEERING.
7. CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
8. ALL MATERIALS EQUIPMENT SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURERS RECOMMENDATIONS WILL BE REJECTED BY OWNER.

DESIGN CRITERIA

THE CONSTRUCTION FOR SAID RESIDENCE WHERE BASIC WIND SPEED IS 130 MPH PER HOUR, AND EXPOSURE ZONE C, IS DESIGNED IN ACCORDANCE WITH: AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) DWELLINGS (WPA) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2012 EDITION.

SHEET NO.:

6001

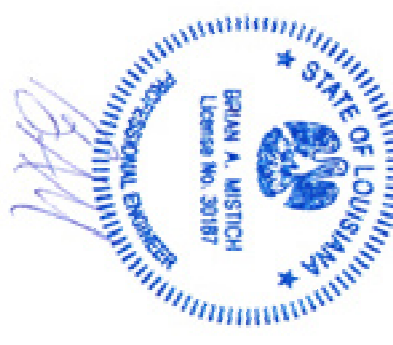
DRAWING NUMBER:

COVER SHEET AND GENERAL INFORMATION

RENOVATIONS AND ADDITIONS TO THE MARLOWE RESIDENCE

JOB No: 2017 DATE: 01-06-17  
DRAWN BY: CKD CHECKED BY: BAM

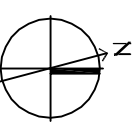
THESE DRAWINGS OR SPECIFICATIONS, TOGETHER WITH ANY AGREEMENTS, REPRESENTATIONS, WARRANTIES AND OTHER DOCUMENTS, SHALL BE THE PROPERTY OF DAMMON ENGINEERING, INC. AND SHALL BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR MODIFICATION OF THESE DRAWINGS OR SPECIFICATIONS WITHOUT THE WRITTEN CONSENT OF DAMMON ENGINEERING, INC. IS STRICTLY PROHIBITED. VISUAL CONTACT WITH THESE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE A VIOLATION OF THE PROFESSIONAL ETHICS OF THE ENGINEER.



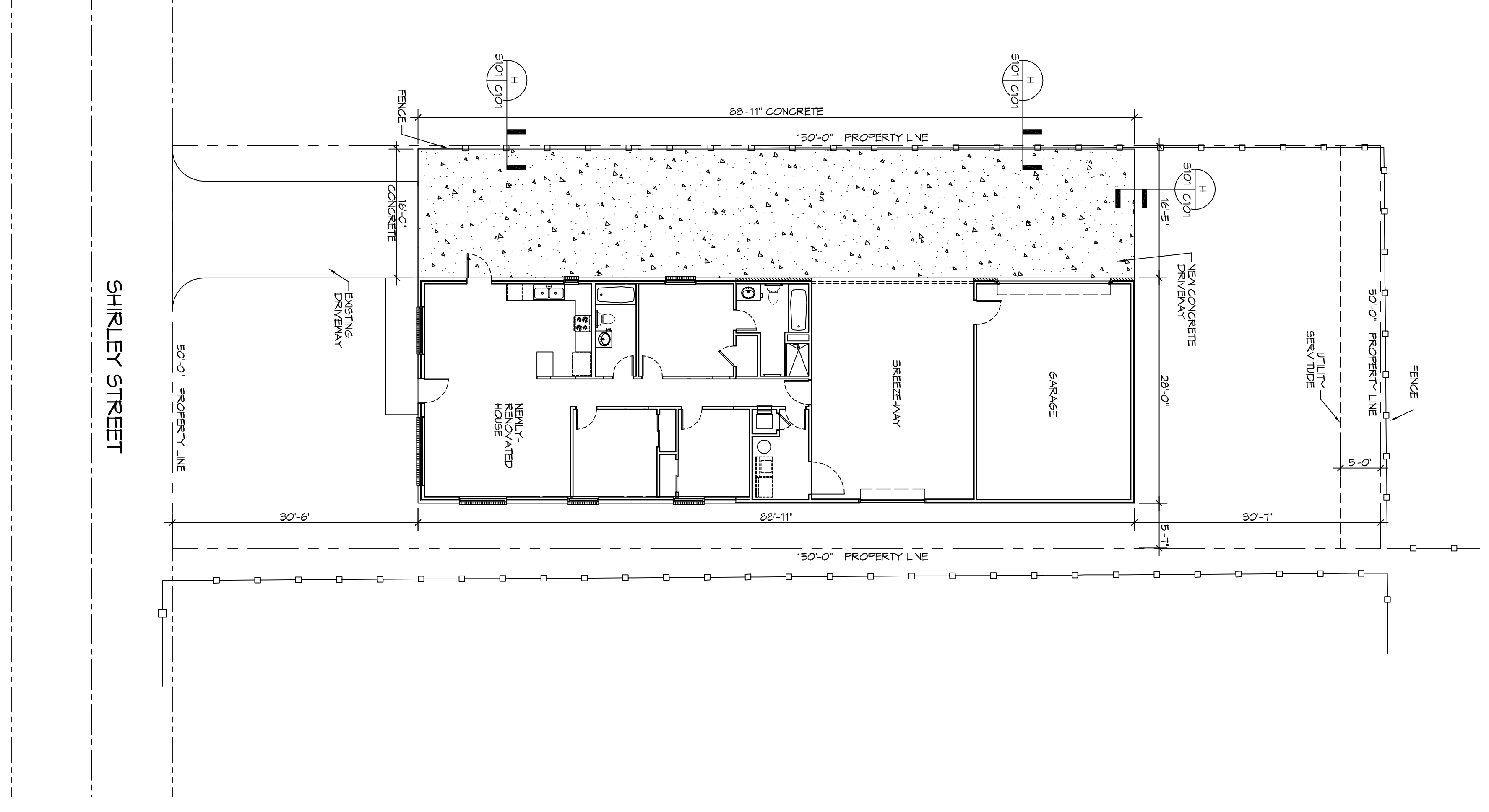
#	DESCRIPTION	DATE



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**1 SITE PLAN**  
SCALE: 1"=10'-0"



**GENERAL CIVIL NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SECURING SECURITY TO PROTECT THE PROJECT SITE. CONTRACTOR PROPERTY, EQUIPMENT AND WORK FROM CONSTRUCTION. THE CONTRACTOR WITH CONVICTION AND/OR STAGING AREA LOCATIONS).
2. FROM THE OWNER/ARCHITECT SHALL DETERMINE THE LAY-DOWN OF THE CONTRACTOR SHALL NOTIFY ALL PROPERTY OWNERS/A MINIMUM OF 24 HOURS PRIOR TO BLOCKING DRIVEWAYS OR ENTERING UTILITY EASEMENTS.
3. EXISTING UTILITIES AND OTHER SITE IMPROVEMENTS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. PRIOR TO EXCAVATING, THE CONTRACTOR SHALL FIELD LOCATE (INCLUDING DEPTHS) ALL EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED CONSTRUCTION.
4. WHEN THE CONTRACTOR DISCOVERS ANY CONFLICT BETWEEN THE DESIGN LOCATION OF WORK UNDER THIS CONTRACT AND AN EXISTING UTILITY, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE CONFLICT IMMEDIATELY.
5. IF THE CONTRACTOR ENCOUNTERS ANY UNDISCOVERED UTILITIES OR OTHER HIDDEN SITE IMPROVEMENTS, HE SHALL NOTIFY THE OWNER AND THE ENGINEER OF THE CONFLICT IMMEDIATELY.
6. ALL EXISTING UTILITIES SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE REPAIR OF DAMAGE TO UTILITIES SHOWN HEREIN AT HIS EXPENSE.
7. THE REMOVAL OF ANY ABANDONED UTILITIES REQUIRED TO COMPLETE THE WORK SHALL BE INCIDENTAL AND AT NO ADDITIONAL EXPENSE TO THE OWNER.
8. CONTRACTOR SHALL MINIMIZE CONSTRUCTION RELATED MUD AND DEBRIS ON SURFACES ADJACENT TO THE PROJECT SITE - LANDSCAPE, STREETS, DRIVES, SIDEWALKS, ETC.
9. TRENCHES AND OPEN EXCAVATIONS SHALL BE APPROPRIATELY MARKED AND PROTECTED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE PROTECTION SUFFICIENT TO MAINTAIN PUBLIC SAFETY IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION AND OSHA REGULATIONS AS WELL AS ANY REQUIREMENTS OF THE OWNER.
10. UTILITY TRENCHES SHALL BE SHORED IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION (LAHJ) AND OSHA 29 CFR PART 1926.
11. CONTRACTOR IS RESPONSIBLE FOR CONTROL OF EROSION IN ACCORDANCE WITH THESE DOCUMENTS.
12. THE CONTRACTOR SHALL ADHERE TO THE NOISE ORDINANCES OF THE AHA.
13. THE CONTRACTOR SHALL ADHERE TO THE OWNER'S REQUIREMENTS FOR CONSTRUCTION PARKING AND SHALL REQUIRE THAT THEIR EMPLOYEES AND ALL SUB-TRADE EMPLOYEES PARK ONLY IN DESIGNATED AREAS). THE OWNER WILL ADVISE THE CONTRACTOR ON THE SPECIFICS OF THESE REQUIREMENTS.
14. THE CONTRACTOR SHALL ADHERE TO THE OWNER'S CONSTRUCTION RULES OF CONDUCT IF SUCH EXISTS.
15. IRON RODS DESTROYED DURING CONSTRUCTION ARE TO BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
16. PROPERTY OWNER AT NO ADDITIONAL EXPENSE TO THE OWNER.

**GENERAL PAVING NOTES**

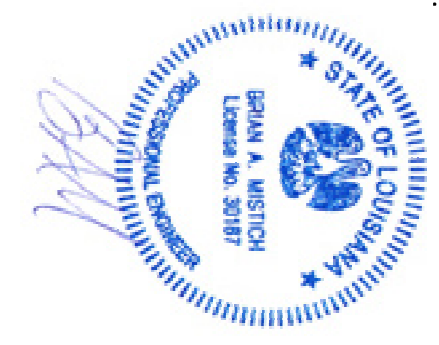
1. ALL NEW CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI. ALL NEW CONCRETE SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF ASTM C190 TYPE 1.
2. CONCRETE PAVING THICKNESS FOR DRIVEWAY & PARKING AREA SHALL BE 6" THICKNESS (STANDARD INO).
3. ALL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
4. BOTH VERTICAL AND HORIZONTAL JOINTS IN CONCRETE SHALL BE LOCATED ON THE FINISH PLAN AND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
5. ALL SUB-GRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.

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REVISIONS		DATE
#	DESCRIPTION	



**RENOVATIONS AND ADDITIONS TO THE MARLOWE RESIDENCE**

8009 SHIRLEY STREET  
METARIE, LA 70003

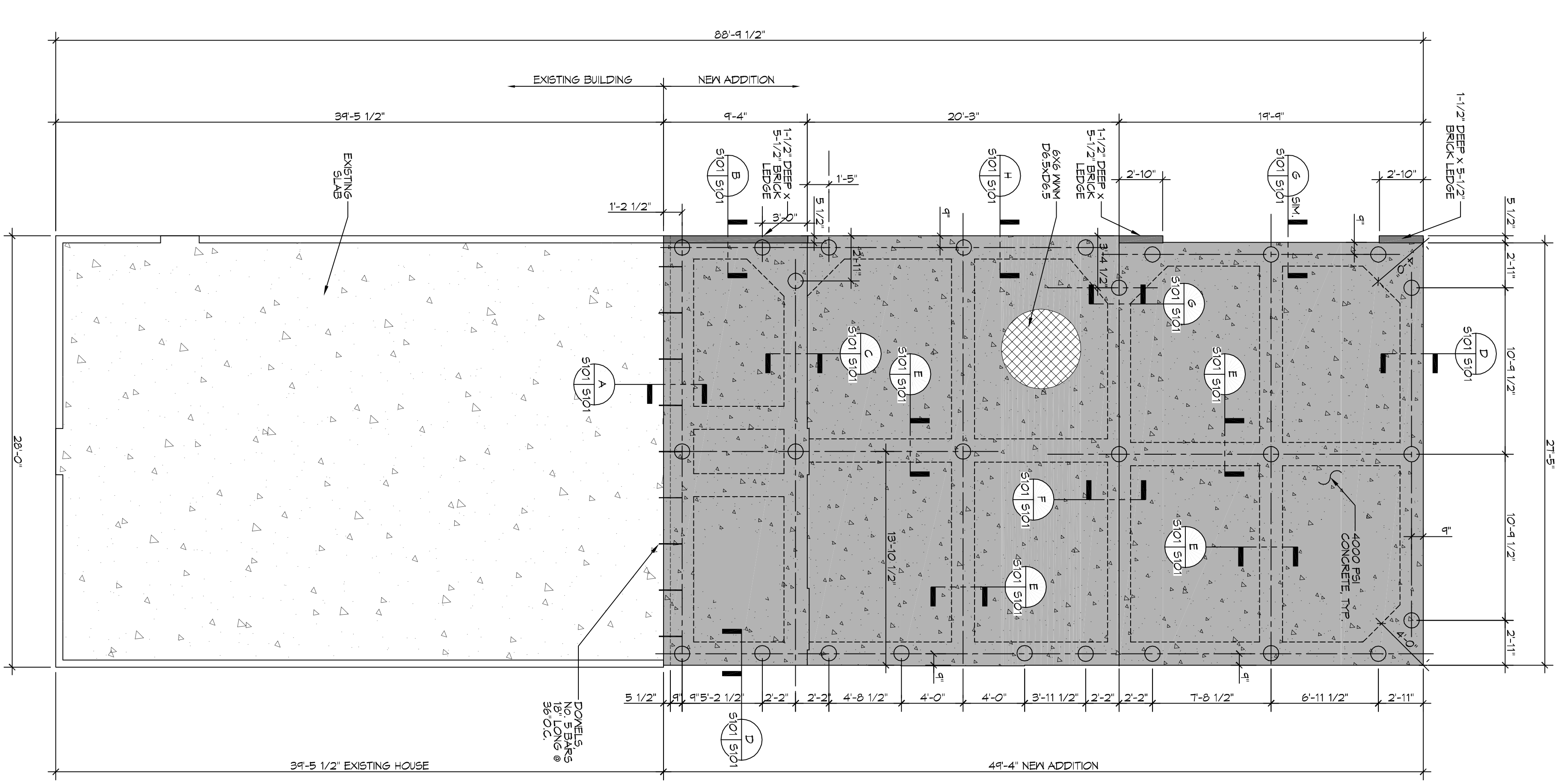
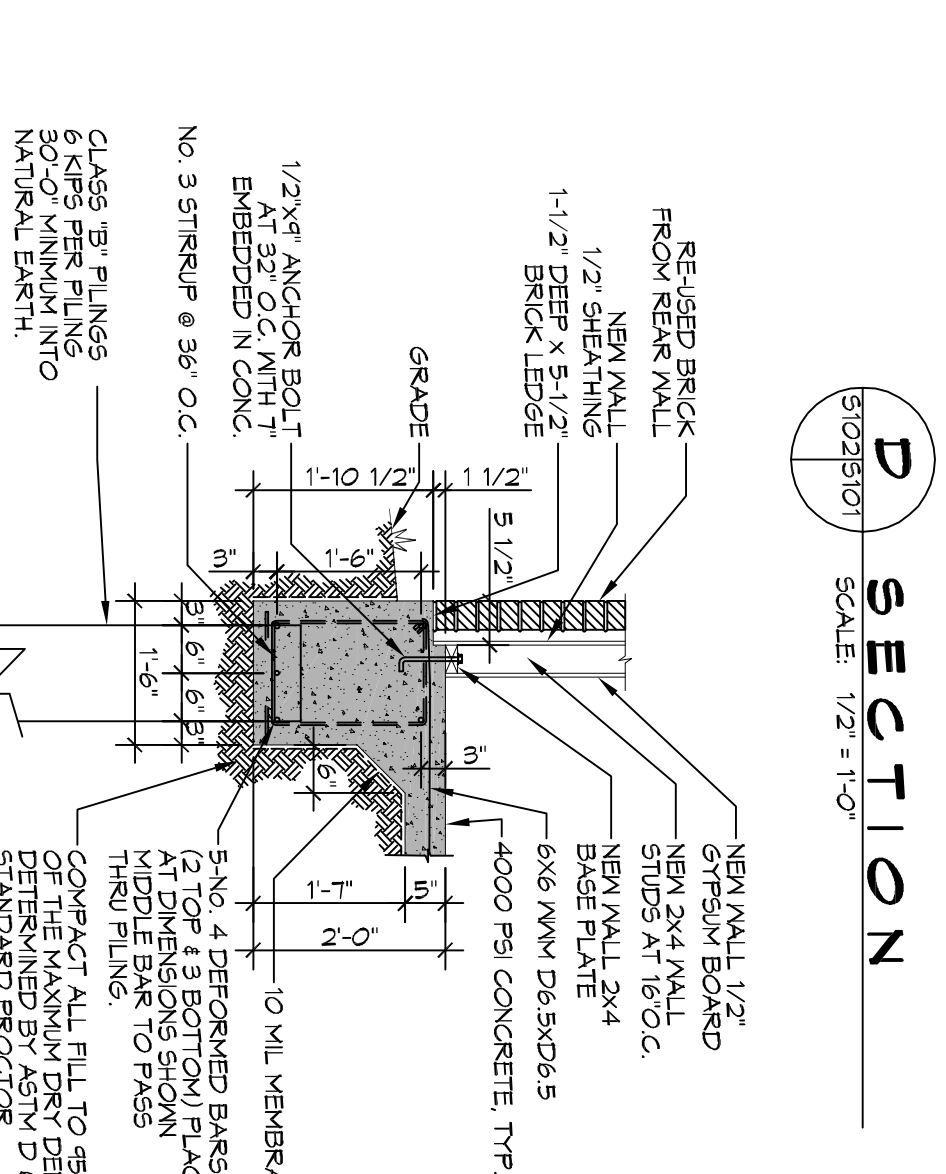
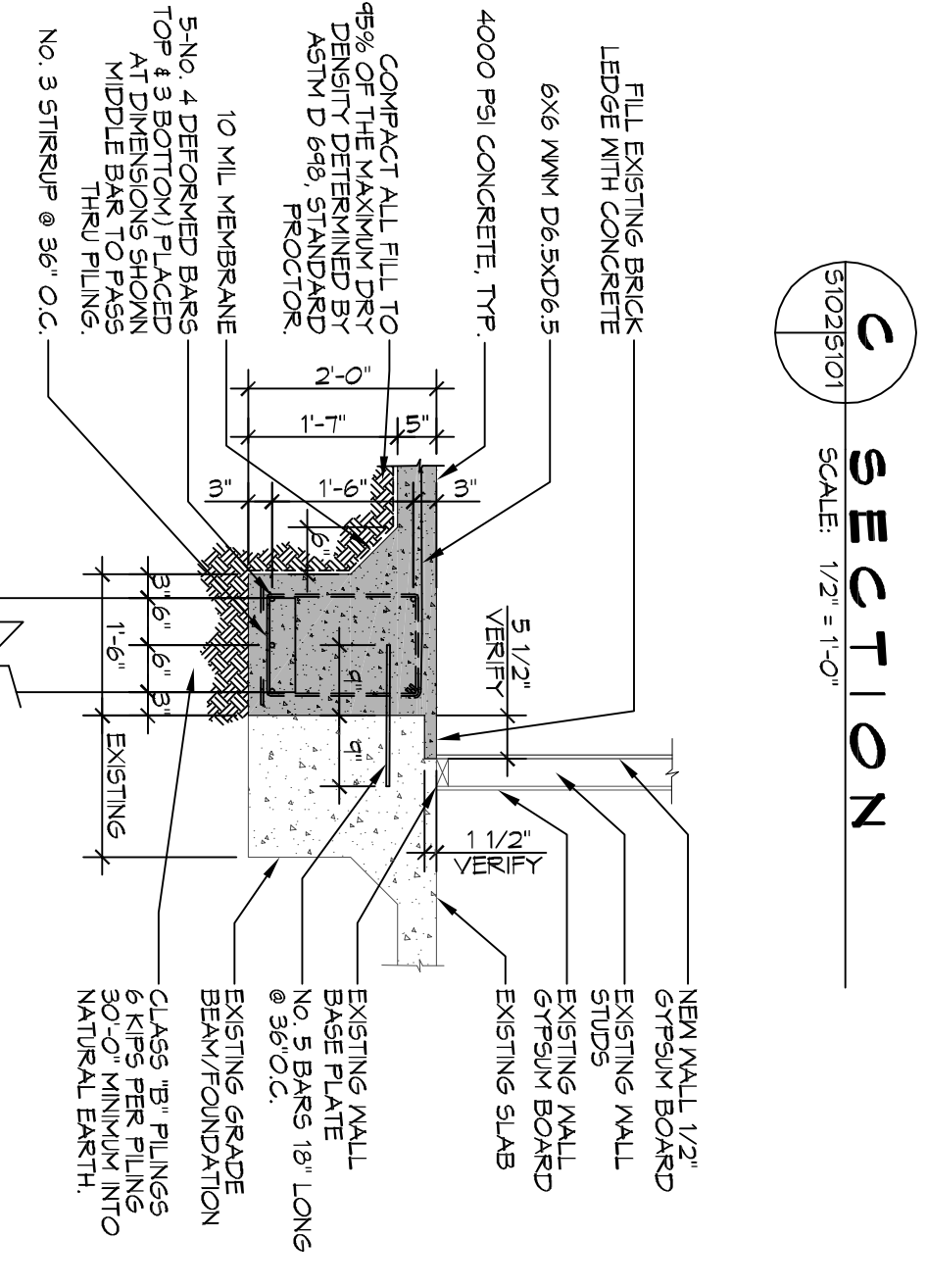
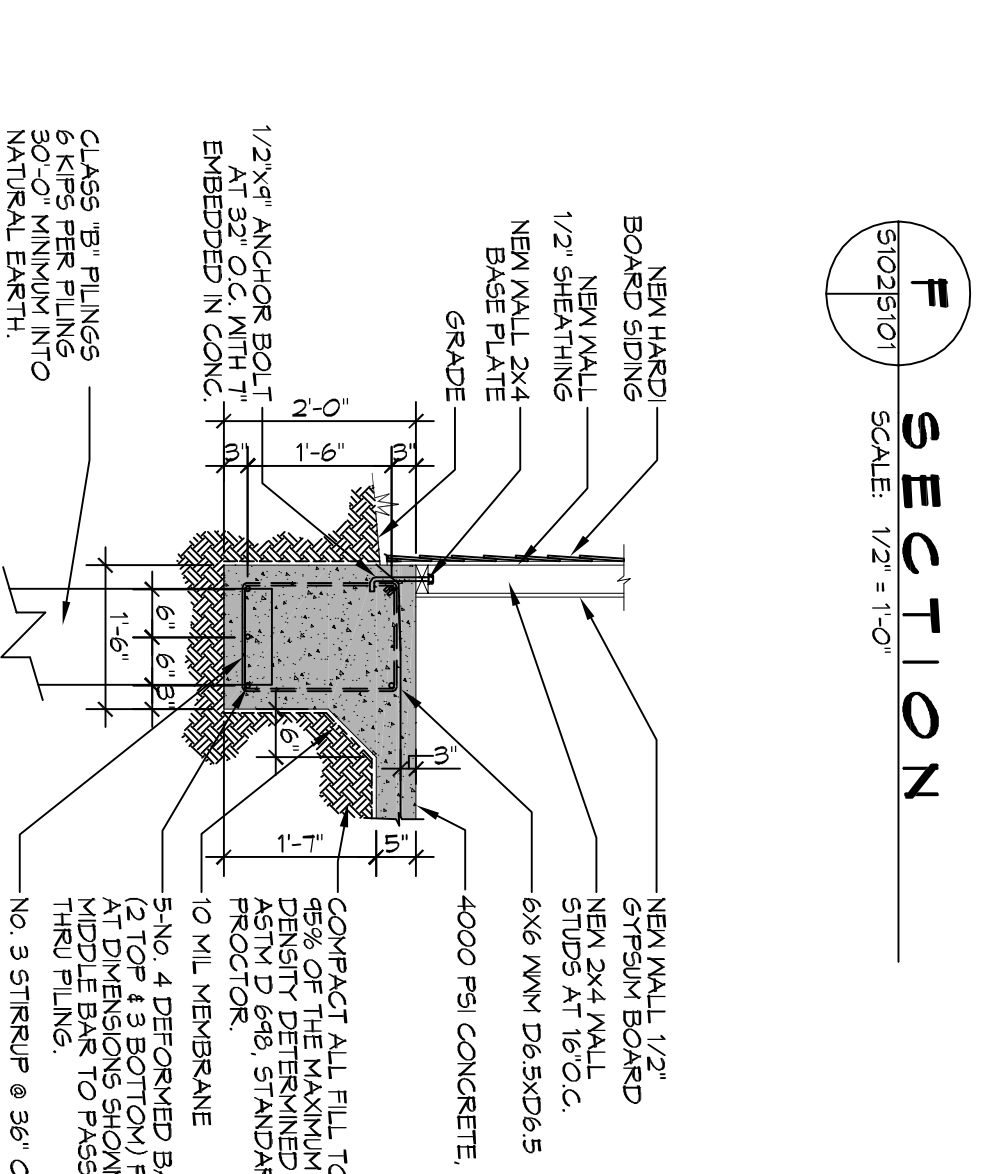
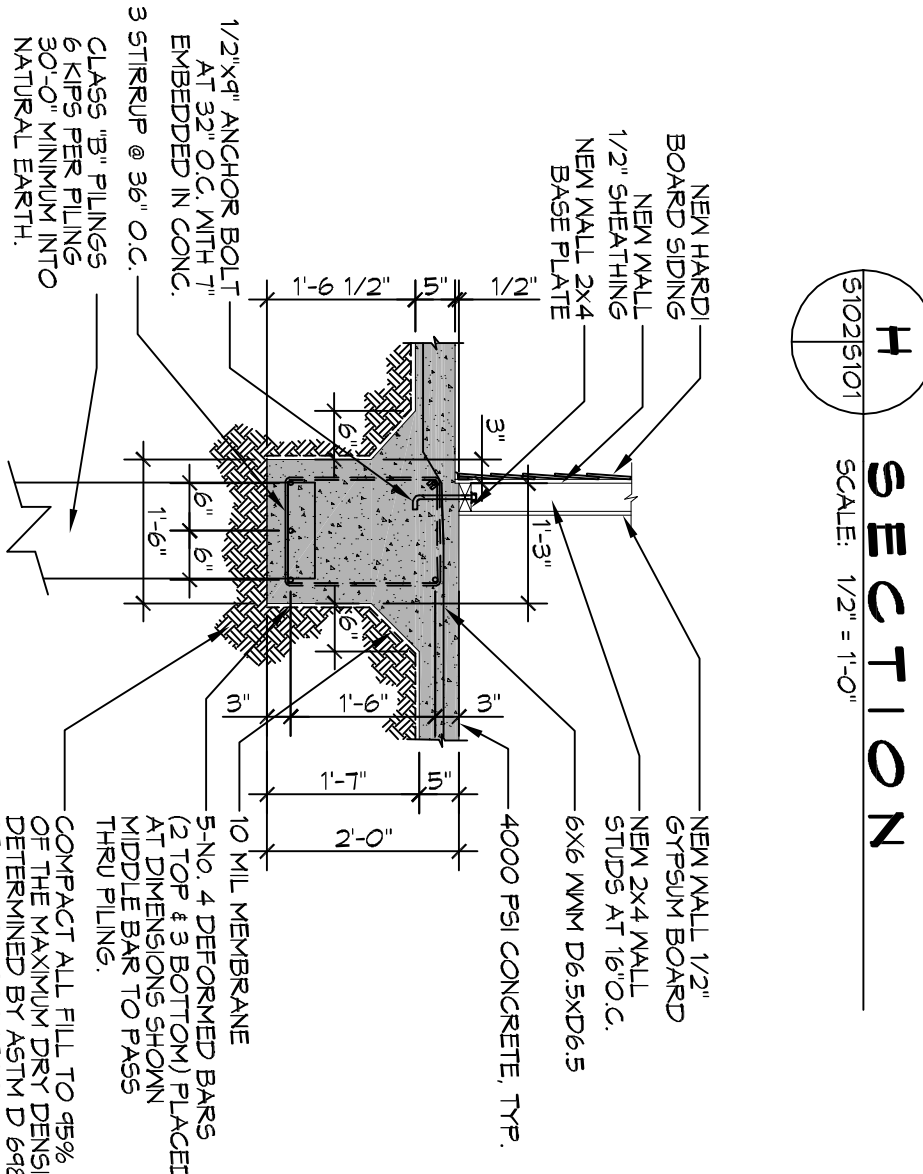
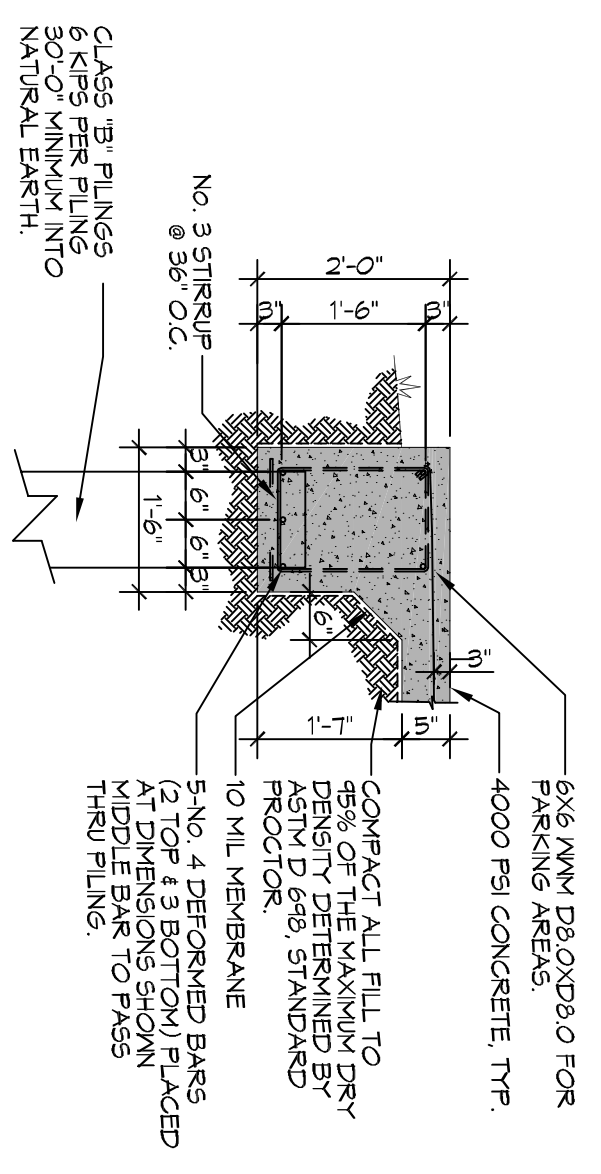
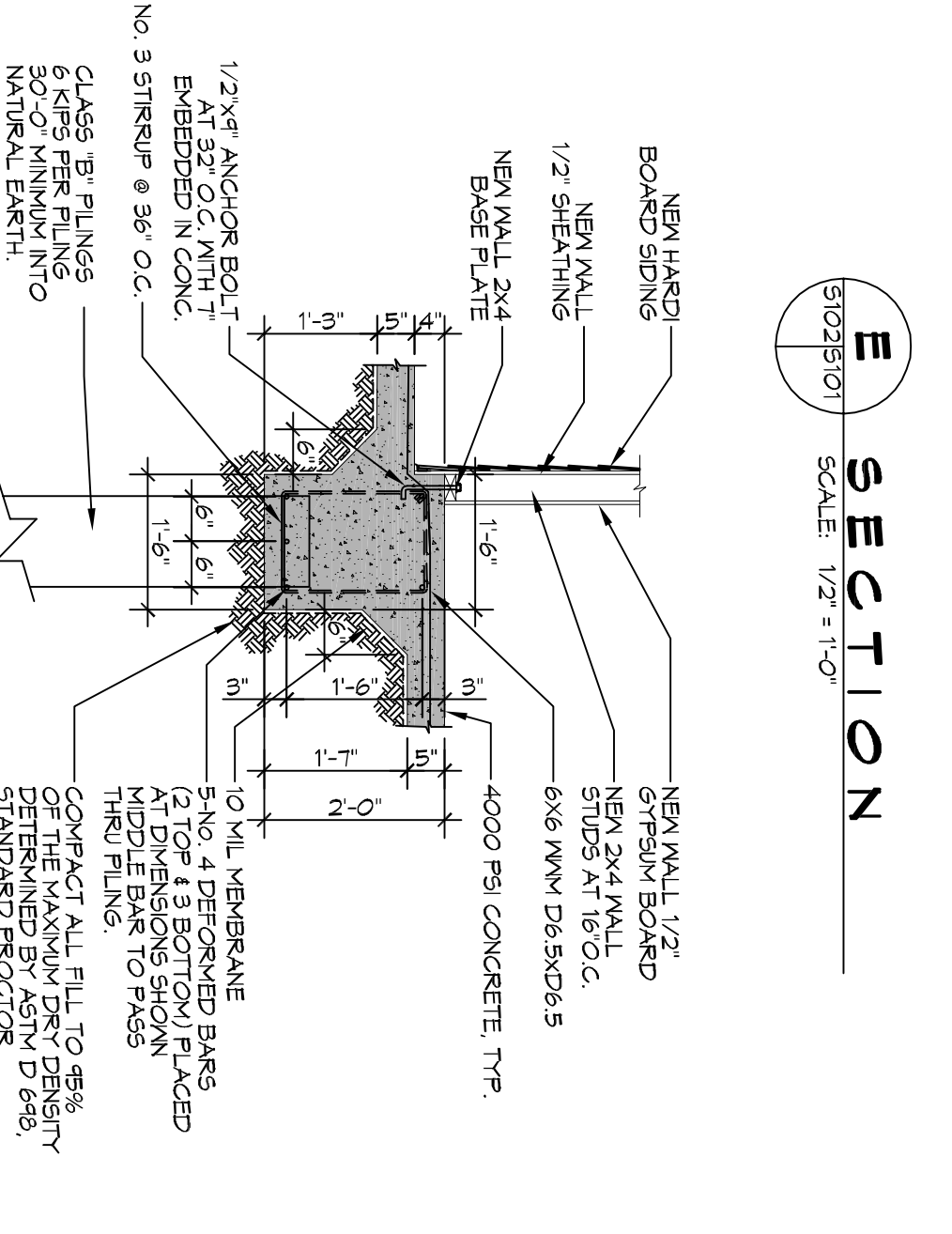
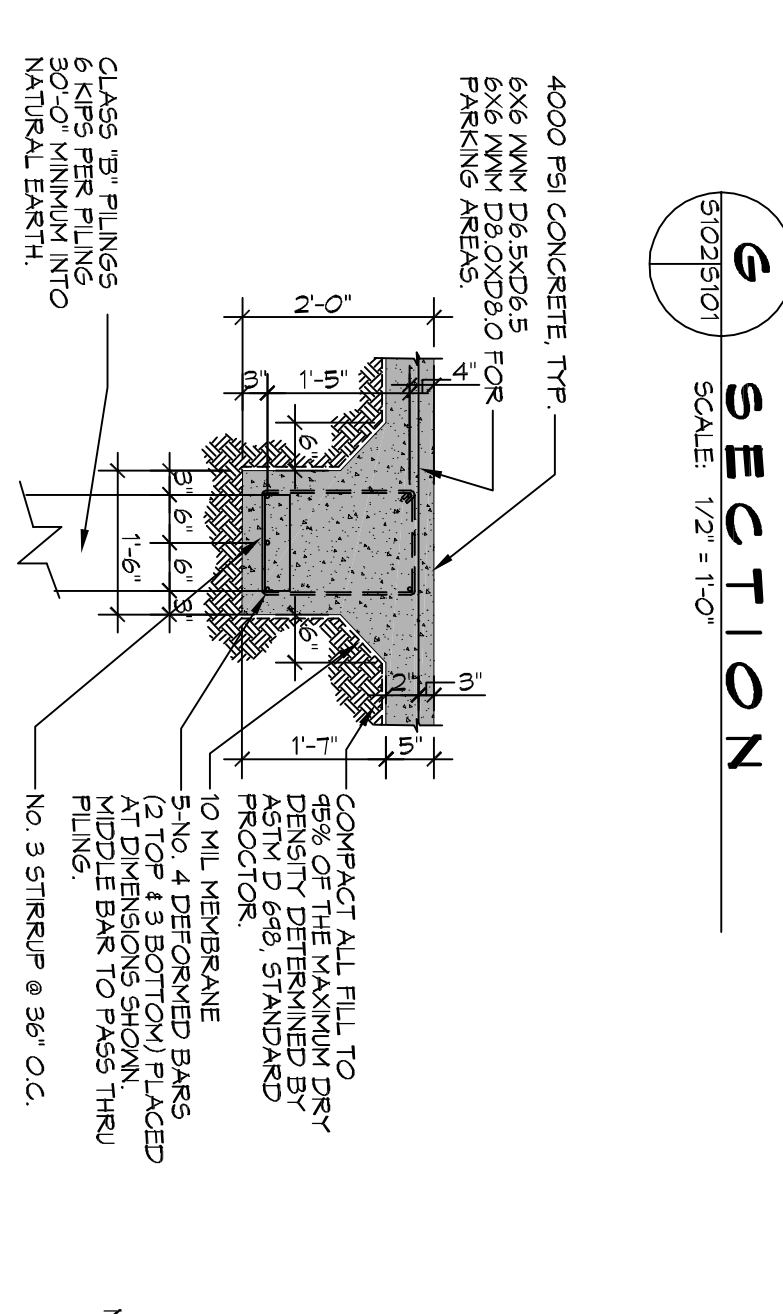
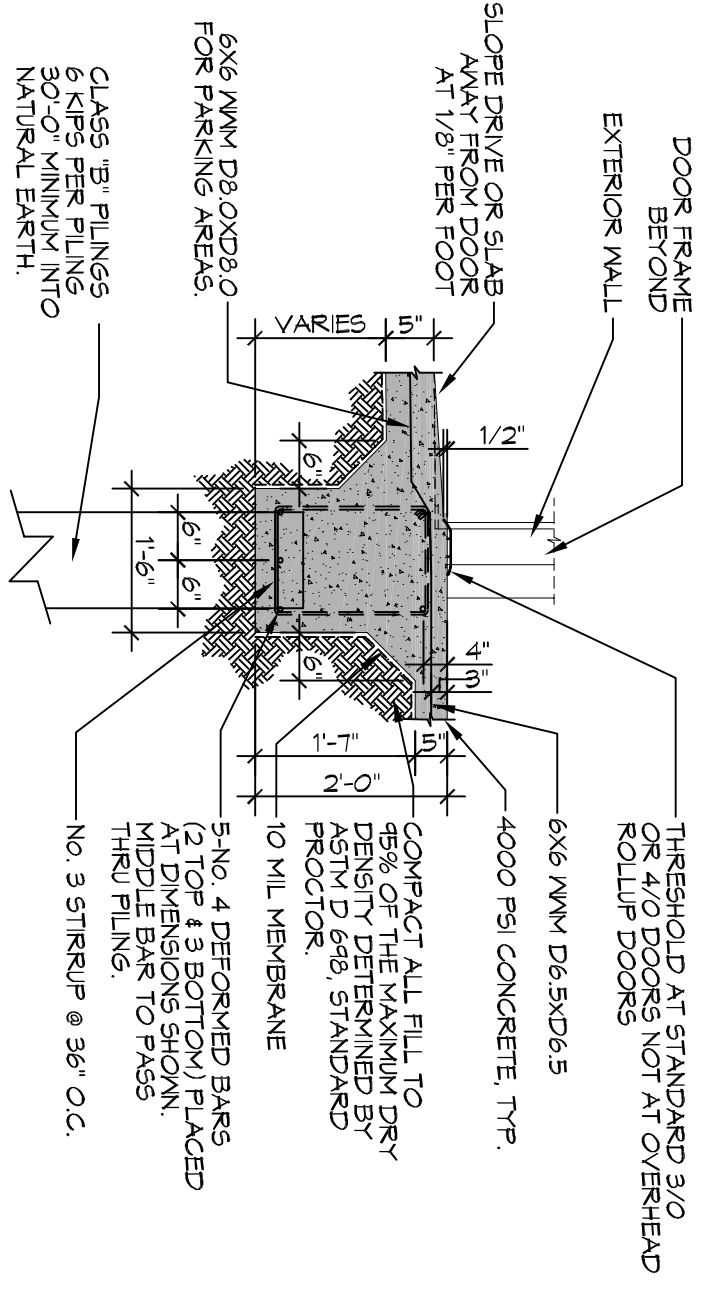
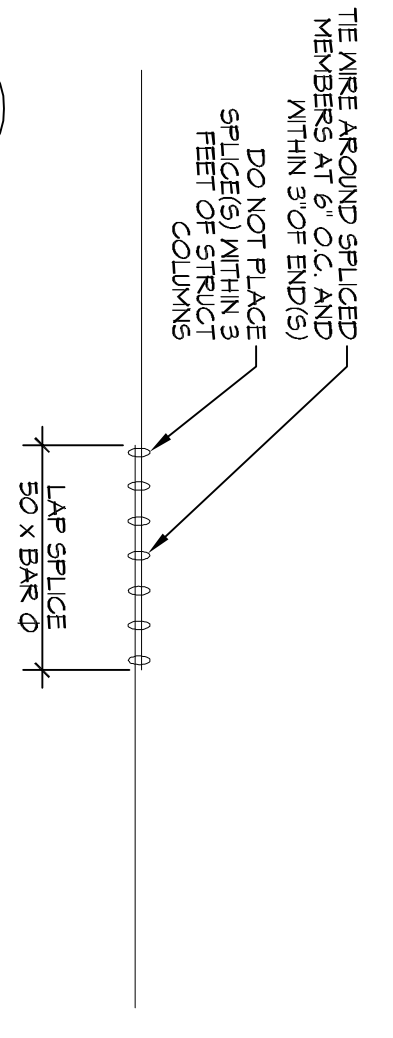
JOB No: 2017 DATE: 01-05-17

DRAWN BY: JTL CHECKED BY: BAM

SHEET TITLE: SITE PLAN

DRAWING NUMBER: **C101**

SHEET NO.: 2 OF 7



**GENERAL NOTES**

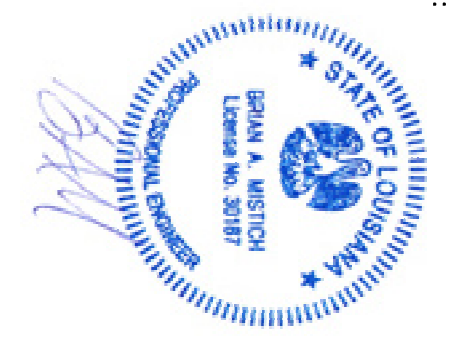
1. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
2. VERIFY ALL PLUMBING SQUARE LOCATIONS ON ARCHITECTURAL DWGS.
3. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH (GRADE 40).
4. ALL CONVENTIONAL REINFORCING STEEL SHALL VERIFY ASTM-A615 (GRADE 60).
5. ONE LAYER OF POLYETHYLENE VAPOUR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOUR BARRIER TO BE MINIMUM 10 MIL THICKNESS. ASTM E 1745 CLASS A PERFORMANCE LESS THAN 0.01 PERMS. EQUAL TO STEREO INDUSTRIES STEREO-KAP ECOSHIELD-E 15 MIL BY EQAO, OR KONBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
6. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
7. THE CONTRACTOR SHALL VERIFY ALL DEPTHS, OFFSETS, BRICK LEDGES, REBAR PLACEMENT, AND CONFINEMENTS. CONTRACTOR MUST BE GRADE BEAM DIMENSIONS MAY VARY BY -5% -20%.
8. ALL SOIL BELOW SLAB SHALL RECEIVE TREATMENT.

**GENERAL NOTES**

1. ALL PILES SHALL BE PRESSURE-TREATED ROUND TIMBER PILES CONFORMING TO ASTM D 25.
2. PRIOR TO PILE DRIVING IT IS RECOMMENDED THAT THE OWNER VERIFY THE SUBSTRATE CAPACITY OF THE BRONX DRIVE. THE BRONX DRIVE SHALL BE CAPABLE WITH A PILE LOAD TEST. IF NO SOIL ANALYSIS FOR THE PROPERTY HAS BEEN PROVIDED TO ENGINEER, CONTRACTOR MUST ADVISE OWNER THAT PILE LOAD CAPACITY USED ARE BASED ON LOCAL CODES AND HISTORICAL INFORMATION WHERE AVAILABLE, AND THAT THE SOIL DATA FOR THE SPECIFIC PROJECT AREA MAY NOT BE REPRESENTATIVE WITH THESE DATA. CONTRACTOR SHALL OBTAIN TO HAVE A TEST COPY OF THE BRONX DRIVE FOR DRIVING EACH PILE.
3. PILES SHALL BE CLASS 'B' PILES. CAPACITY SHALL BE 8 KIPS EACH. PILES SHALL BE DRIVEN TO A MINIMUM OF 15 FT. USING A NET ROTARY DRILL. PRE-DRILLING MAY BE REQUIRED IF PRE-DRILLING IS PERFORMED WITH A BIT NO LARGER THAN THE TIP DIAMETER.
4. LABEL EACH PILE WITH HORIZONTAL LINES AT 12 INCH INTERVALS.
5. PILE PROOF HAMMER OR SINGLE ACTING AIR HAMMER DELIVERING 1500 FT LBS OF ENERGY PER BLOW. RAIN WEIGHT OF DROP HAMMER SHALL NOT EXCEED 2500 TO 3000 LBS AND THE DROP SHOULD NOT EXCEED 3 FT. AT MINIMUM OF 25 BLOWS PER FOOT. IF THE DROP EXCEEDS 3 FT., CONTACT ENGINEER FOR INSTRUCTIONS.
6. TREAT ALL FIELD CUTS, HOLES OR OTHER PENETRATIONS INTO PILES IN ACCORDANCE TO APCA W4, FIELD APPLIED MOOD PRESERVATIVE.
7. CONTRACTOR SHALL PERFORM A STATIC LOAD TEST ON 10% OF DRIVEN PILES. THESE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST REVISION OF ASTM D143 STANDARD TEST METHOD FOR PILES UNDER STATIC AXIAL COMPRESSIVE LOAD. CONTRACTOR SHALL SUBMIT NUMBER AFFIDAVIT TO THE ENGINEER FROM COMPLETION VERIFYING THAT ALL PILES HAVE BEEN DRIVEN PER PLAN.
8. REMOVE AND VACUUM IMMEDIATE SITE DRAINAGE BEFORE DRIVING AND AFTER CONSTRUCTION PROVIDE DRAINAGE SWALES AND SLOPE FROM THE CONSTRUCTION AREA. GOOD SURFACE DRAINAGE WITH POSITIVE COLLECTION AND RUNOFF AND SLOPES AWAY FROM THE CENTER OF THE BUILDING SHOULD BE ASSURED.

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NO.	DESCRIPTION	DATE

**RENOVATIONS AND ADDITIONS TO THE MARLOWE RESIDENCE**

FOUNDATION PLAN

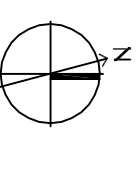
SHEET TITLE: FOUNDATION PLAN

DRAWING NUMBER: 5101

SHEET NO. 3 OF 7

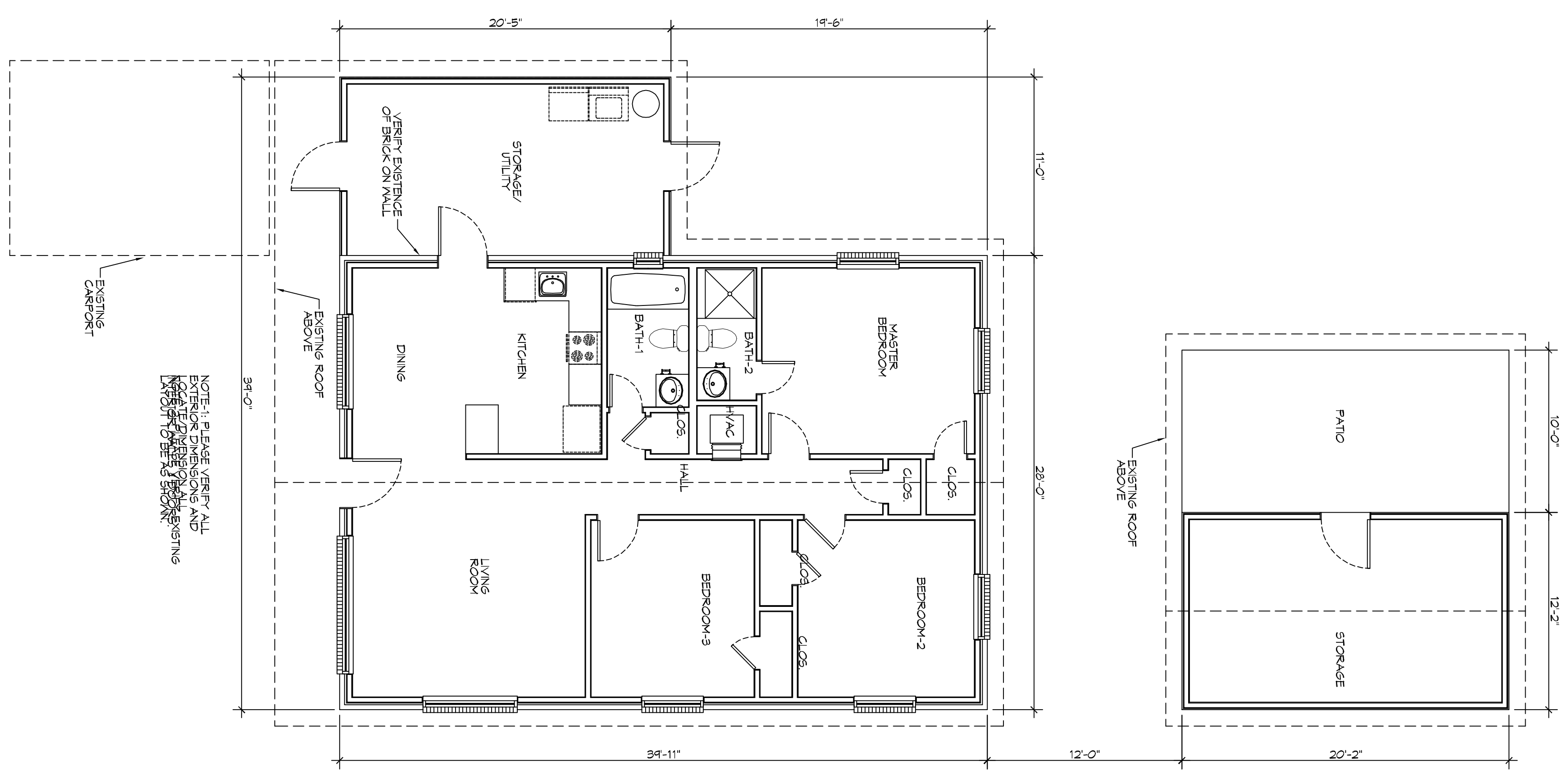
JOB No: 2017 DATE: 01-05-17

DRAWN BY: JTL CHECKED BY: BAM

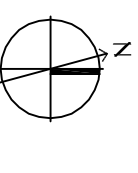


# EXISTING FLOOR PLAN

SCALE: 3/16" = 1'-0"

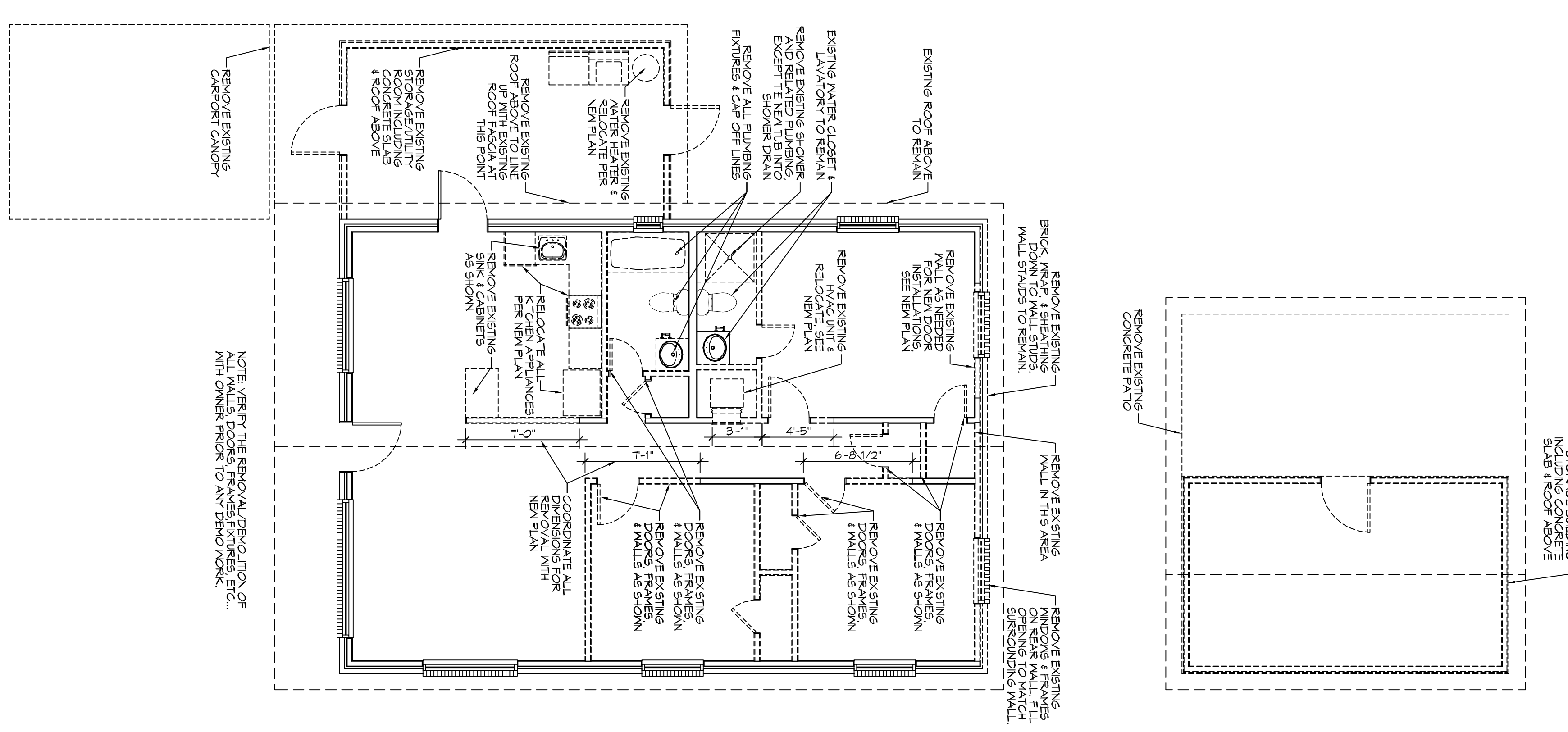


NOTE: PLEASE VERIFY ALL EXTERIOR DIMENSIONS AND MATERIALS TO BE EXISTING IN SITU TO BE SHOWN.



# DEMOLITION PLAN

SCALE: 3/16" = 1'-0"



NOTE: VERIFY THE REMOVAL DEMOLITION OF WITH OWNER PRIOR TO ANY DEMO WORK.

- ### DEMOLITION NOTES
- REMOVE ALL WALLS & GYPSUM BOARD STUDS & OTHER FRAMING AS INDICATED ON DEMOLITION DRAWING. ALONG WITH ANY ELECTRICAL AND/OR MECHANICAL ITEMS IN SAID WALLS.
  - PRIOR TO REMOVAL OF ANY ELECTRICAL AND/OR MECHANICAL ITEMS THE CONTRACTOR SHALL COORDINATE WITH THE OWNER THE SHUTDOWN AND STARTUP SEQUENCE WITH THE NEW ELECTRICAL AND MECHANICAL WORK.
  - REMOVE ALL DOORS AND FRAMING WHERE INDICATED ON DRAWINGS.
  - REMOVE ALL PLUMBING FIXTURES WHERE INDICATED ON DRAWINGS. CAP ALL DRAIN LINES, WATER LINES, ETC.
  - THE CONTRACTOR IS RESPONSIBLE TO COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS IN THE REMOVAL DEMOLITION OF ANY HAZARDOUS MATERIALS.
  - THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED BY LOCAL AUTHORITIES.
  - THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING APPROVALS AND NOTIFICATIONS TO ALL LOCAL, STATE AND FEDERAL AUTHORITIES.
  - THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ITEMS THAT ARE INTENDED TO REMAIN AND SHALL REPAIR ANY DAMAGED ITEMS TO LIKE NEW CONDITION.
  - IF NOT SHOWN ON THE DEMOLITION DRAWINGS, THE CONTRACTOR SHALL REMOVE ALL EXISTING MATERIALS AS NECESSARY TO COMPLETE ALL DEMOLITION WORK REQUIRED BY OTHER PORTIONS OF THE CONTRACT DOCUMENTS.
  - SAVAGE RIGHTS FOR ALL DEMOLISHED MATERIALS SHALL FIRST BE GIVEN TO THE OWNER. ANY MATERIALS NOT RETAINED BY THE OWNER SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

SHEET NO. 4 OF 7

# D101

DRAWING NUMBER: **D101**

SHEET TITLE: **DEMOLITION PLAN**

RENOVATIONS AND ADDITIONS TO  
**THE MARLOWE RESIDENCE**  
3517 SHIRLEY STREET  
METAIRIE, LA 70003

JOB No: 2017 DATE: 01-05-17

DRAWN BY: JTL CHECKED BY: [Signature]



NO.	DESCRIPTION	DATE

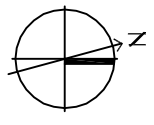
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LOUISIANA & MISSISSIPPI

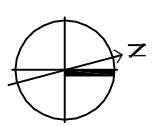
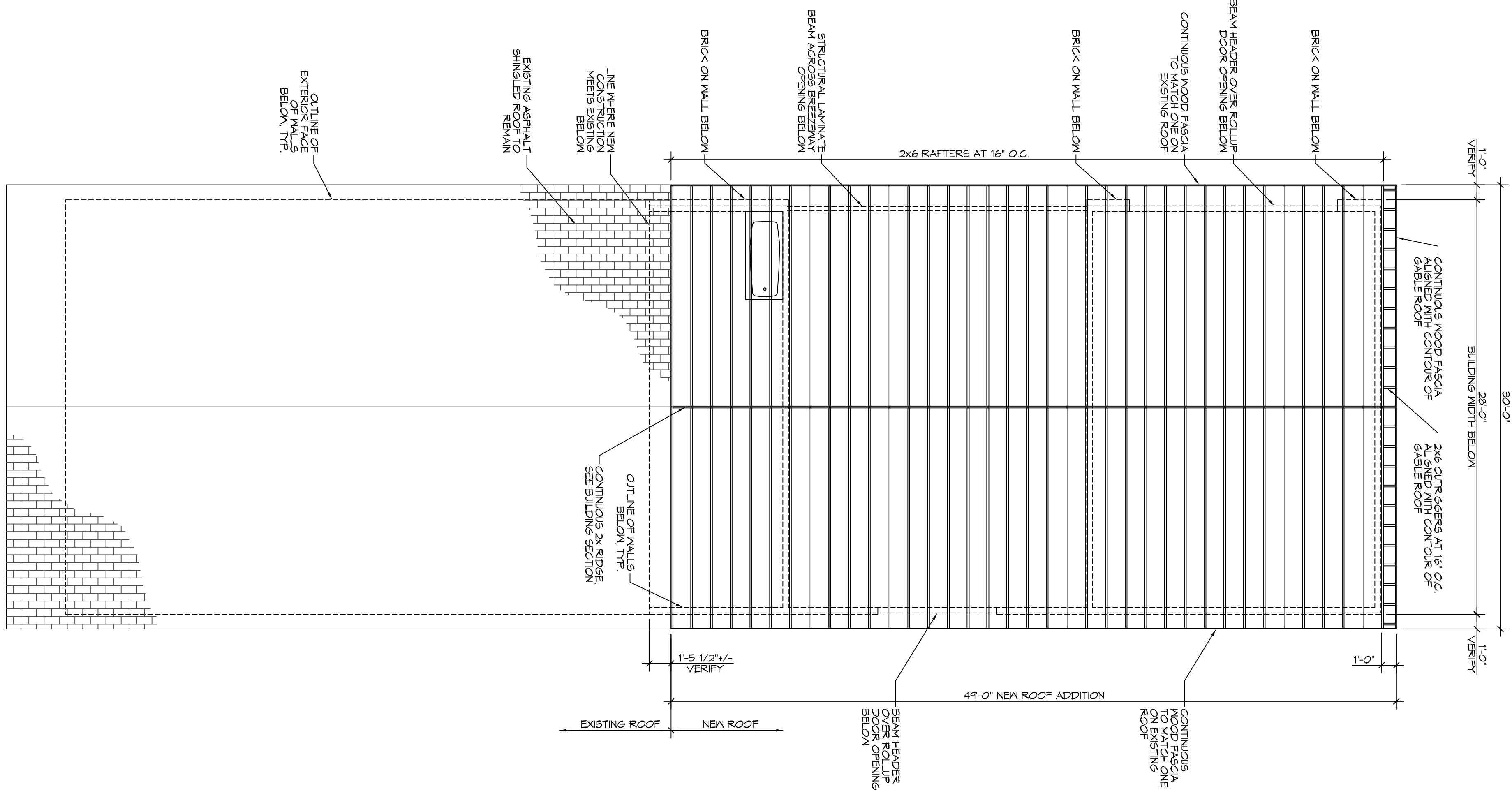
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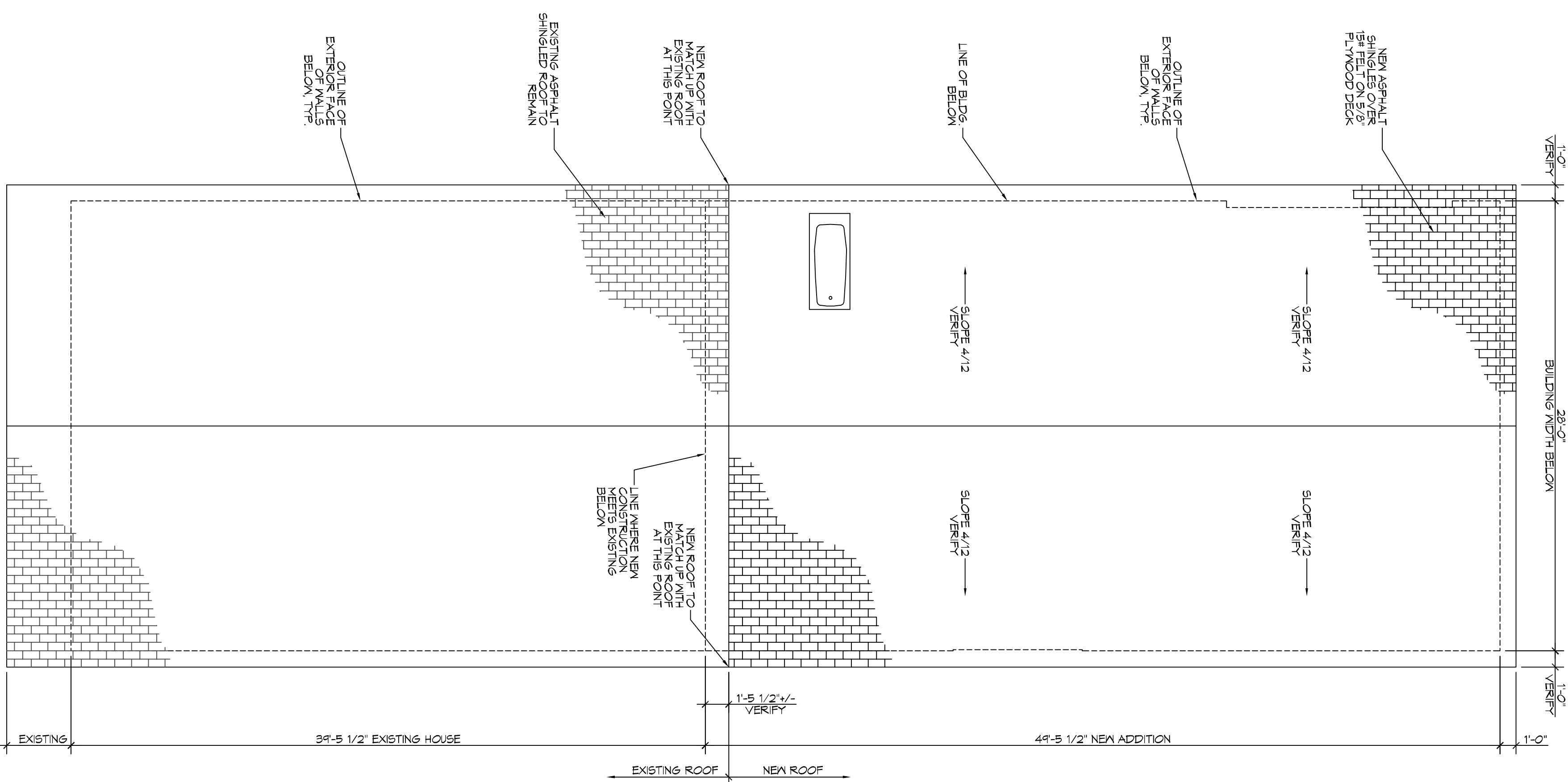




**2 NEW ROOF FRAMING PLAN**  
SCALE: 3/16" = 1'-0"



**1 NEW ROOF PLAN**  
SCALE: 3/16" = 1'-0"



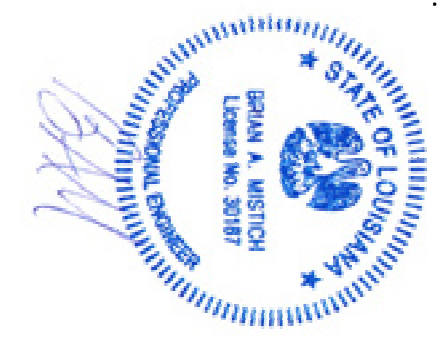
**ROOF FRAMING NOTES**

1. ALL DIMENSIONS ARE TO CENTER OF BEAM, RAFTER, TRUSS, OR JOIST UNLESS OTHERWISE NOTED.
2. RAFTER, TRUSS, OR JOIST BEARING ELEVATION IS HEIGHT ABOVE SLEEFLOOR OR FLOOR SLAB. SEE WALL SECTIONS FOR CLARIFICATION.
3. BRICK, ALL BRICKING AND PERMANENT PARTS MUST BE IN PLACE BEFORE ROOF DECKING IS INSTALLED.
4. ROOF DECK SHALL BE 5/8" EXPOSURE 1 PLYWOOD MANUFACTURER.
5. HOLD ROOF DECKING PANELS APART AS RECOMMENDED BY DECKING MANUFACTURER.
6. HOLD ROOF DECK PANELS AWAY FROM ITEMS PENETRATING ROOF DECK AS RECOMMENDED BY ROOF DECK MANUFACTURER TO ALLOW PROPER AIR FLOW UNDER ROOF DECK.
7. RAFTERS AND TRUSSES SHALL BE ONE SIZE LARGER THAN RAFTERS OR TRUSSES, UNLESS NOTED OTHERWISE. ANY HIP OR VALLEY RAFTER OVER 28' LONG SHALL BE LAMINATED VENEER LUMBER.

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REVISIONS		DATE
#	DESCRIPTION	



**RENOVATIONS AND ADDITIONS TO THE MARLOWE RESIDENCE**  
3009 SHIRLEY STREET  
METARIE, LA 70083

JOB No: 2017 DATE: 01-05-17  
DRAWN BY: JTL CHECKED BY: BAM

SHEET TITLE:  
NEW ROOF PLAN & ROOF FRAMING PLAN

DRAWING NUMBER:  
**A102**

SHEET NO.: 6 OF 7

**TABLE A103.10 - UPLIFT CONNECTIONS - 130 MPH WINDS EXP "C"**

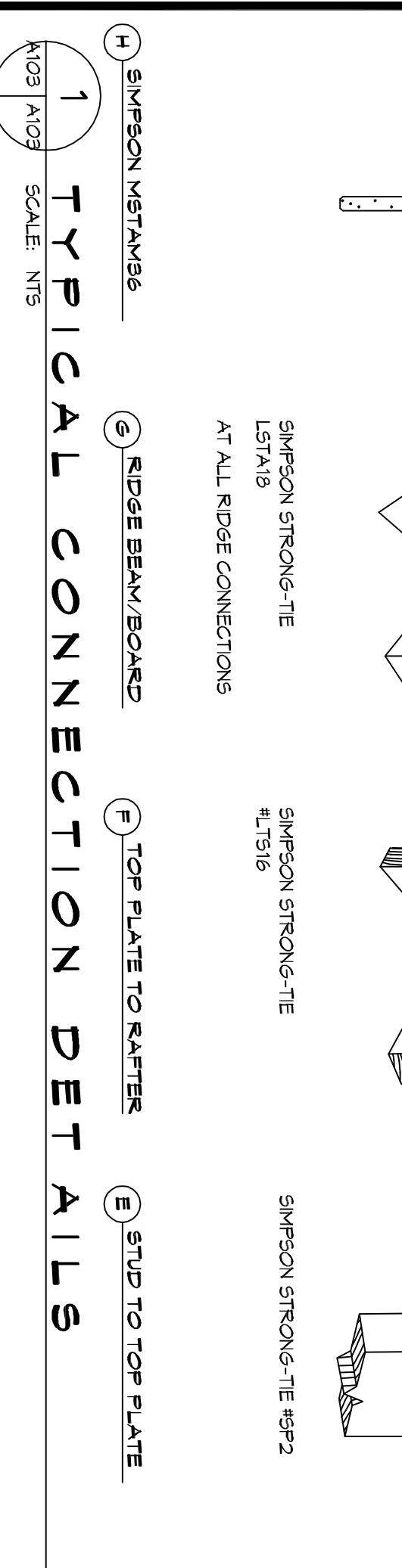
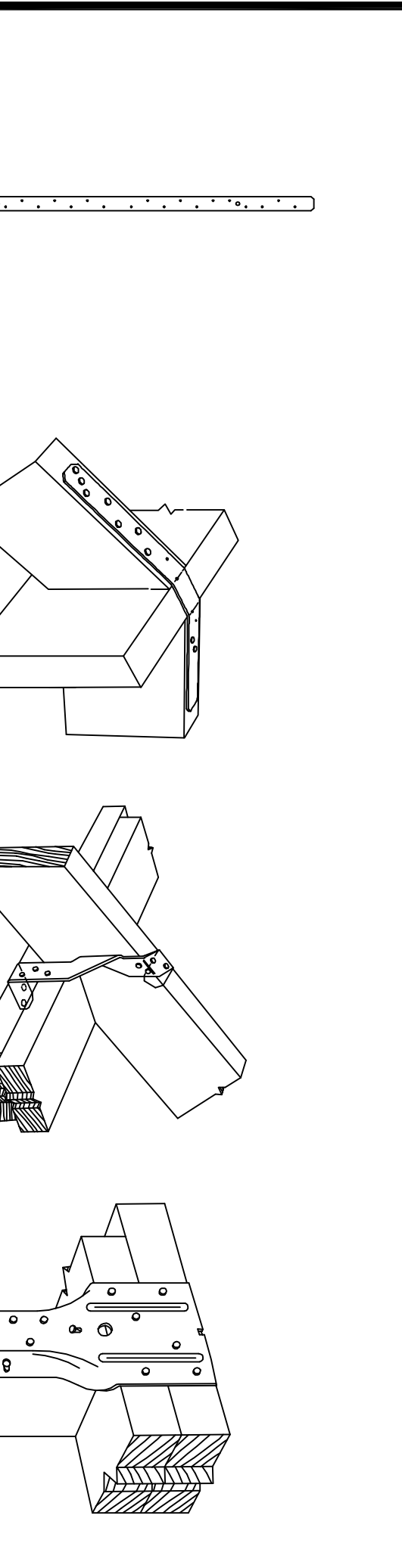
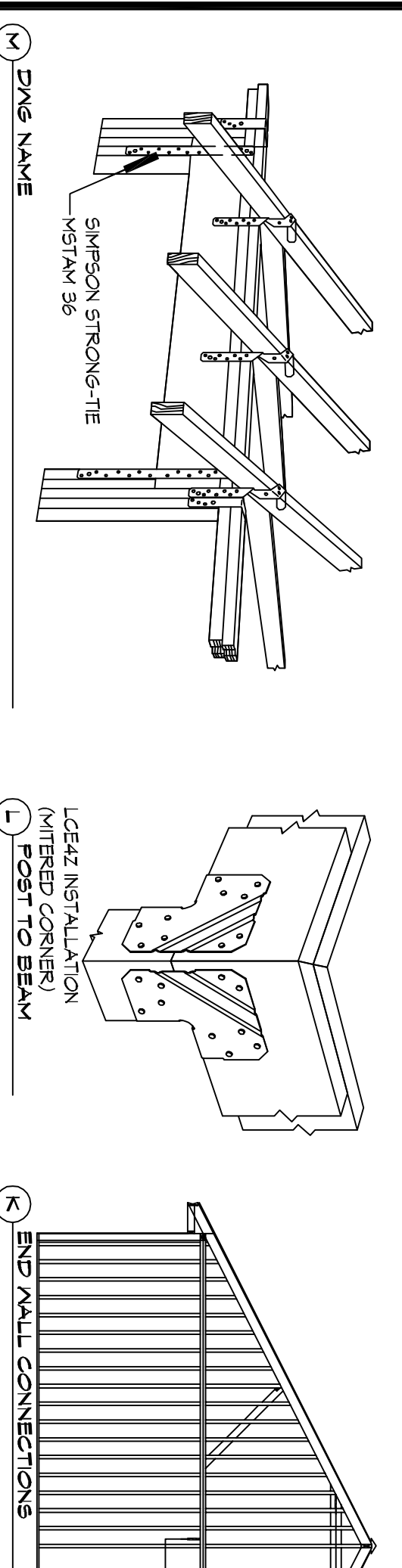
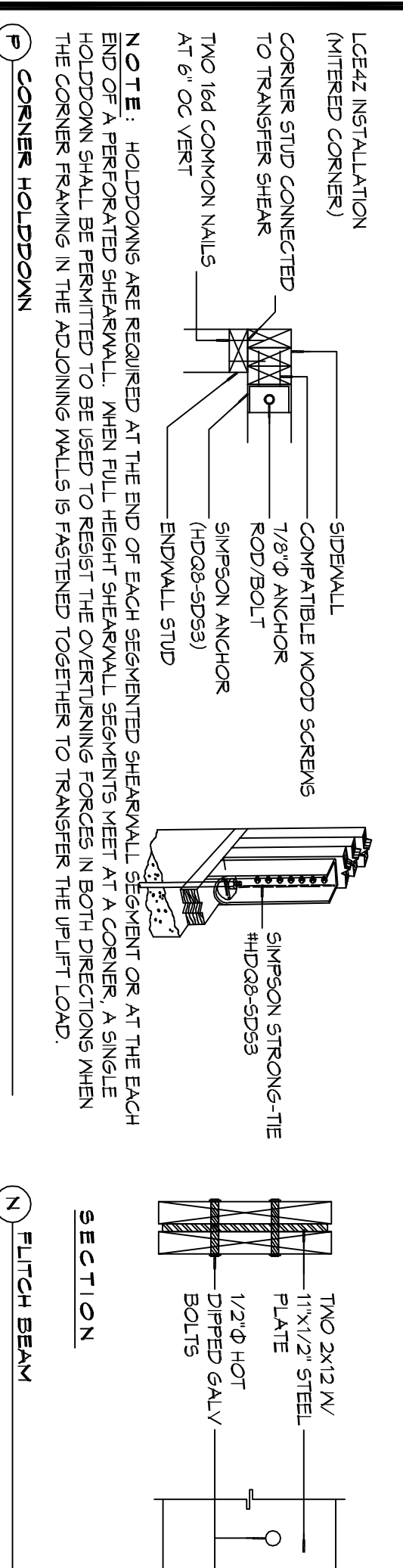
CONNECTION	FRAMING SPACING (INCHES)	ROOF SPAN (FEET)	U	L	S	NUMBER OF 3/4" COMMON NAILS OR 10d BOX NAILS IN EACH END OF 1/4" X 20 GA STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY	16" OC	11'	366	246	104R	4
WALL ASSEMBLY TO WALL ASSEMBLY	16" OC	11'	366	246	104R	4
HEADER TO HEADER (FACE VALUE)	16" OC	11'	110	185	496	4

**TABLE A103.11 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 130 MPH WIND EXP "B"**

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	8 END ZONES		INTERIOR ZONES	
		UPLIFT LOADS	1 - 3 STORES	UPLIFT LOADS	30
BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	1 - 3 STORES		MAXIMUM ANCHOR BOLT SPACING INCHES	
		UPLIFT LOADS	1 - 3 STORES	1/2" Ø ANCHOR BOLTS	5/8" Ø ANCHOR BOLTS

**TABLE A103.9 - JACK STUD REQ - INTR LOADBEARING WALLS**

HEADER SPAN (FT)	12 FEET			24 FEET		
	3"	4.5"	5"	3"	4.5"	5"
2	1	1	1	1	1	1
4	1	1	1	1	1	1
6	1	1	1	1	1	1
8	1	1	1	1	1	1
10	1	1	1	1	1	1
12	1	1	1	1	1	1
14	2	1	1	1	1	1
16	2	1	1	1	1	1
18	2	1	1	1	1	1
20	2	1	1	1	1	1
22	2	1	1	1	1	1
24	2	1	1	1	1	1
26	2	1	1	1	1	1
28	2	1	1	1	1	1
30	2	1	1	1	1	1

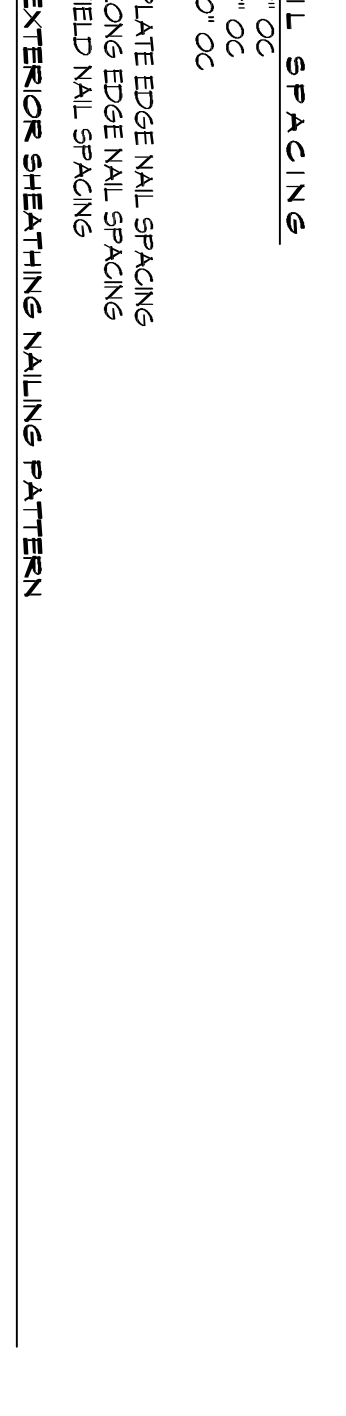
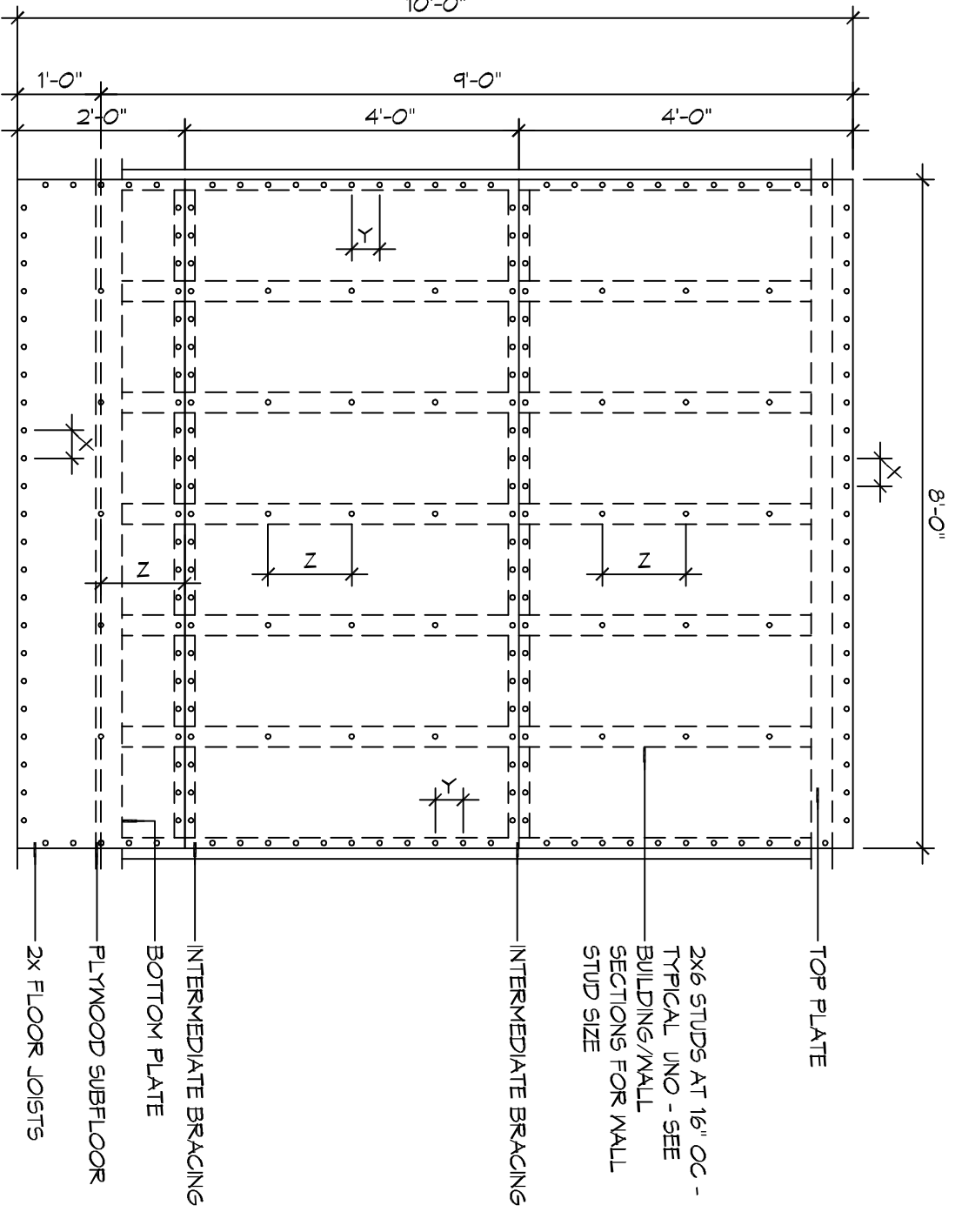


**TABLE A103.8 - THERMAL COMPONENT CRITERIA (U-VALUE FACTOR & R-VALUE)**

MAXIMUM GLAZING U-FACTOR	MINIMUM INSULATION R-VALUE				CEILING SPACE WALLS
	CEILING	WALLS	FLOORS	BASEMENT WALLS	
.75	R-26	R-13	R-11	R-5	R-5

**DESIGN CRITERIA**

THE CONSTRUCTION FOR SAID RESIDENCE WHERE BASIC WIND SPEED IS 130 MPH PER HOUR WIND EXPOSURE ZONE C, IS DESIGNED IN ACCORDANCE WITH: AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (NFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2012 EDITION.



**TABLE A103.3 - HEADER SPANS - INTERIOR LOADBEARING WALLS**

HEADER SUPPORTING	SIZE	OPENING WIDTH (FT)		
		12'	24'	36'
ONE FLOOR (CENTER BEAMS)	(2) 2x4	4'-4"	3'-1"	2'-6"
	(2) 2x6	6'-5"	4'-6"	3'-0"
	(2) 2x8	8'-1"	5'-4"	4'-0"
	(2) 2x10	9'-11"	7'-0"	5'-4"
	(2) 2x12	11'-6"	8'-1"	6'-7"
	(3) 2x6	10'-2"	7'-2"	5'-10"
	(3) 2x10	12'-5"	8'-4"	7'-2"
	(3) 2x12	14'-4"	10'-2"	8'-9"
	(4) 2x6	11'-6"	8'-5"	6'-4"
	(4) 2x10	14'-4"	10'-1"	8'-9"
	(4) 2x12	16'-4"	11'-4"	9'-7"
	(4) 2x12	18'-0"	13'-0"	11'-0"

**TABLE A103.4 - ROOF SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"**

SHEATHING LOCATION	RAFTER / TRUSS SPACING	MAXIMUM SPACING FOR 6d COMMON NAILS (INCHES 0-0)	
		E	F
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
PERIMETER EDGE ZONE	12" OC	6	12
	16" OC	6	12
130 MPH WIND - EXPOSURE "C" TYPICAL	24" OC	6	6
	24" OC	6	6

**TABLE A103.5 - WALL SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"**

SHEATHING LOCATION	STUD SPACING	MAXIMUM SPACING FOR 6d COMMON NAILS (INCHES 0-0)	
		E	F
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
PERIMETER EDGE ZONE	12" OC	6	12
	16" OC	6	12
130 MPH WIND - EXPOSURE "C" TYPICAL	24" OC	6	6
	24" OC	6	12

**TABLE A103.6 - WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS**

FASTENER TYPE	FASTENER SPACING		
	PANEL SPAN ≤ 4'	4' PANEL SPAN 5' 0" - 8' 0"	8' PANEL SPAN 8' 0" - 12' 0"
2" 1/2" #6 WOOD SCREWS	16"	12"	9"
2" 1/2" #8 WOOD SCREWS	16"	12"	12"

WINDBORNE IN BUILDINGS LOCATED IN WIND BORNE DEBRIS REGIONS SHALL HAVE GLAZED OPENINGS PROTECTED FROM WINDBORNE DEBRIS. WOOD STRUCTURAL PANELS WITH A MINIMUM THICKNESS OF 7/16" AND A MAX SPAN OF 8 FEET SHALL BE PERMITTED FOR OPENING PROTECTION IN ONE AND TWO STORY BUILDINGS. PANELS SHALL BE REQUIRED TO COVER THE GLAZED OPENINGS WITH ATTACHMENT HARDWARE PROVIDED.

**TABLE A103.7 - HEADER NAILING SCHEDULE**

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
HEADER TO HEADERS (FACE VALUE)	4	4	12"

**ROOF UNDERLAYMENT APPLICATION NOTES**

- FOR ROOF SLOPES FROM TWO INTS. VERTICAL IN 12 INTS. HORIZONTAL (13 PERCENT SLOPE) UP TO FOUR INTS. VERTICAL IN 12 INTS. HORIZONTAL (33 PERCENT SLOPE), UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:
  - APPLY A 14 INCH STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVE, FASTENED SUFFICIENTLY TO HOLD IN PLACE UNDERLAYMENT OVERLAPPING SUCCESSIVE SHEETS 18 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.
  - FOR ROOF SLOPES OF FOUR INTS. VERTICAL IN 12 INTS. HORIZONTAL (33 PERCENT SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER:
    - UNDERLAYMENT SHALL BE APPLIED SINGLE PLY, PARALLEL TO THE EAVE, FASTENED SUFFICIENTLY TO HOLD IN PLACE.
    - UNDERLAYMENT SHALL BE APPLIED END LAPS SHALL BE OFFSET BY 6 FEET.

**SHINGLE APPLICATION & FASTENING NOTES**

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

**GENERAL UPLIFT CONNECTION NOTES**

**ROOF ASSEMBLY TO WALL ASSEMBLY:**  
 UPLIFT CONNECTIONS SHALL BE FROM RAFTERS OR TRUSSES TO WALL STUDS. RAFTERS OR TRUSSES ARE NOT LOCATED DIRECTLY ABOVE STUDS. UPLIFT CONNECTIONS SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE A103.10.

**WALL ASSEMBLY TO WALL ASSEMBLY:**  
 UPLIFT CONNECTIONS SHALL BE FROM LOWER STORY WALL STUDS TO LOWER STORY WALL STUDS. UPLIFT CONNECTIONS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE A103.11.

**WALL ASSEMBLY TO FOUNDATION:**  
 UPLIFT CONNECTIONS SHALL BE FROM THE FOUNDATION SILL, PLATE OR BOTTOM PLATE. A MINIMUM OF 1 1/4" X 20 GA. ASTM A663 99 STEEL STRAP SHALL BE WELDED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 1 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE. 15 INCHES IN MASONRY BLOCK FOUNDATIONS. OR BE LAPSED UNDER THE BOTTOM PLATE. 3 INCH SQUARE WAGERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED 16 INCHES. UPLIFT CONNECTIONS SHALL BE ATTACHED TO THE ANCHOR BOLTS OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION. OR HANG FROM 6/16S OR 2/4S GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE A103.12.

**TABLE A103.1 - HEADER SPANS - EXPOSURE "C" FOR EXTERIOR LOADBEARING WALLS**

HEADER SIZE	SPAN	NUMBER FULL HEIGHT STUDS REQ. AT EACH END	
		TWO	THREE
(2) 2x4	4'-1"	TWO	TWO
(2) 2x6	5'-6"	THREE	THREE
(2) 2x8	6'-11"	THREE	THREE
(2) 2x10	6'-8"	THREE	THREE
(2) 2x12	7'-1"	THREE	THREE
(3) 2x6	7'-5"	THREE	THREE
(3) 2x8	8'-3"	THREE	THREE
(3) 2x10	8'-1"	THREE	THREE
(4) 2x6	9'-6"	THREE	THREE
(4) 2x12	10'-0"	FOUR	FOUR

130 MPH WIND - EXPOSURE "C" (TYPICAL) EACH W/ 1/2" PLYWOOD SPACER

**NOTE:**  
 1. BUILDING WIDTH IS MEASURED PERPENDICULAR TO THE RIDGE. FIRE MATHS BETWEEN THOSE SHOWN SPANS ARE PERMITTED TO BE INTERPOLATED.  
 2. ALL HEADERS SHALL HAVE SOLID BLOCKING.

**TABLE A103.2 - JACK STUD REQ. FOR EXT. LOADBEARING WALLS**

HEADER SUPPORTING	HEADER SPAN (FT)	HEADER WIDTH		
		3"	4.5"	5"
ROOF CEILING AND ONE CENTER BEARING FLOOR	2	1	1	1
	4	1	1	1
	6	2	1	1
	8	2	1	1
	10	2	2	2
	12	3	2	2
	14	3	2	2
	16	4	3	3
	18	4	3	3
	20	4	3	3
	22	5	3	3
	24	5	4	3

**RENOVATIONS AND ADDITIONS TO WOOD FRAME TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES**

PROJECT: 1030 W. SHIRLEY STREET, METAIRIE, LA 70003

JOB No: 2017 DATE: 01-09-17

DRAWN BY: JTL CHECKED BY: BAM

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