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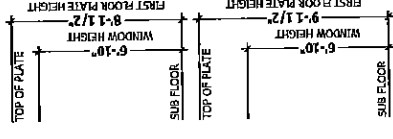
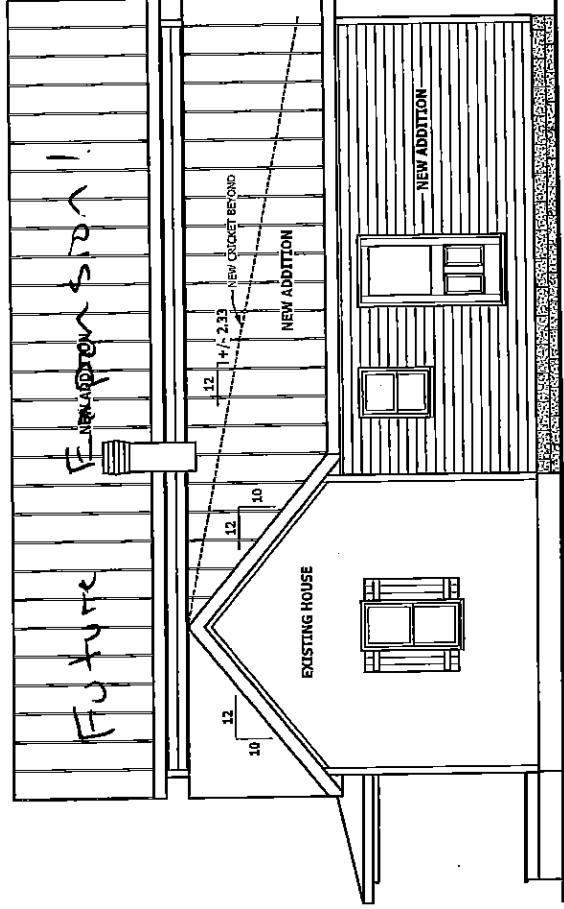
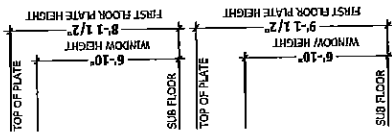
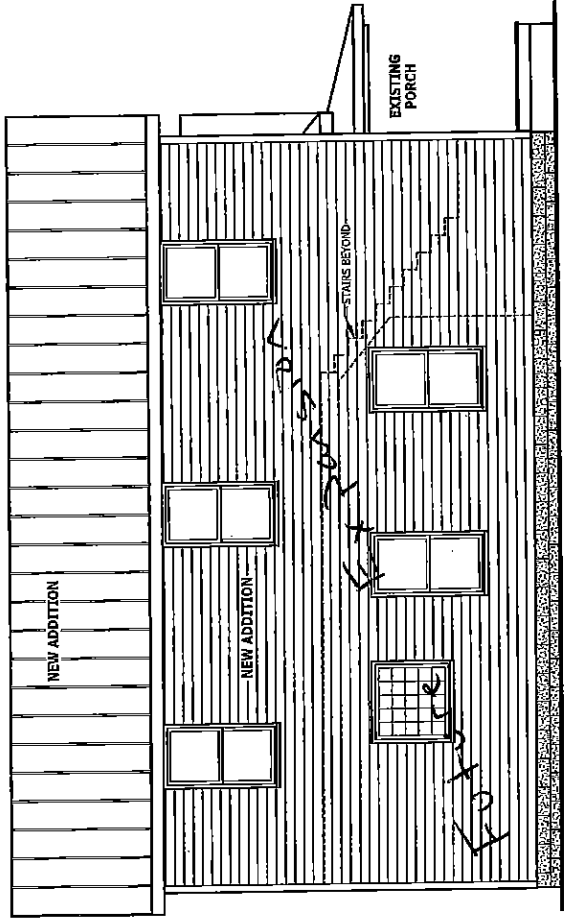
LEFT & RIGHT ELEVATIONS

Miller Residence
8296 Christian Light Road

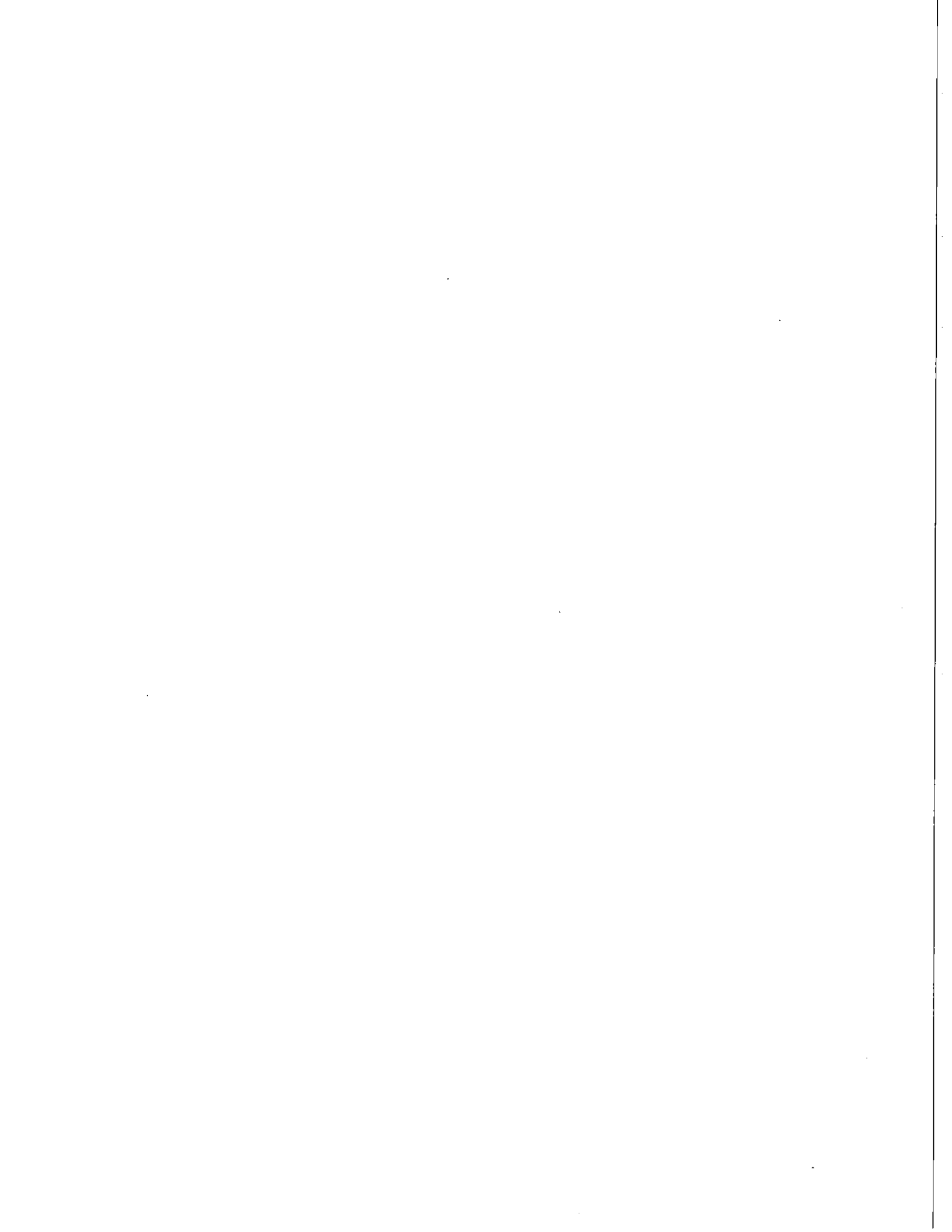
HAYNES HOME PLANS, INC.

SQUARE FOOTAGE	63,150 SF
FOUNDATION	42,500 SF
FIRST FLOOR	42,500 SF
SECOND FLOOR	42,500 SF
UNHEATED ATTIC	13,500 SF
TOTAL	131,500 SF

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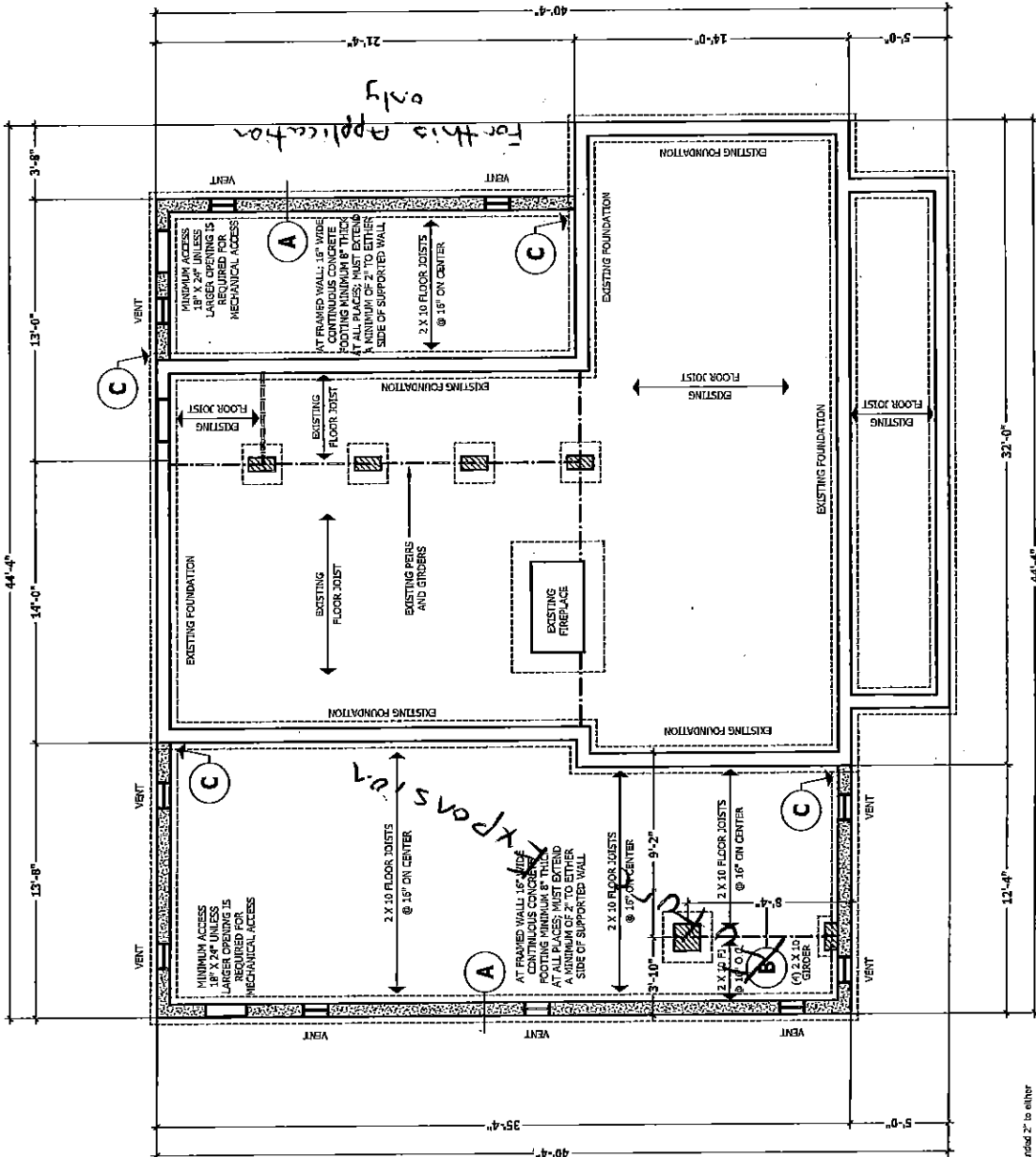
FOUNDATION PLAN

Miller Residence
8296 Christian Light Road

HAYNES
HOME PLANS INC.
2115 W. 10th Street, Suite 100
Tulsa, Oklahoma 74107
918-438-2222

SQUARE FOOTAGE	
FLOOR AREA	111.00 SF
FOUNDATION	111.00 SF
TOTAL AREA	222.00 SF
PER FOOTING	111.00 SF
PER WALL	111.00 SF
PER JOIST	111.00 SF
PER GIRDER	111.00 SF
PER VENT	111.00 SF

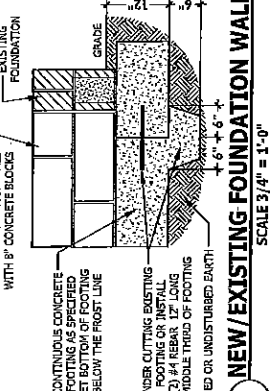
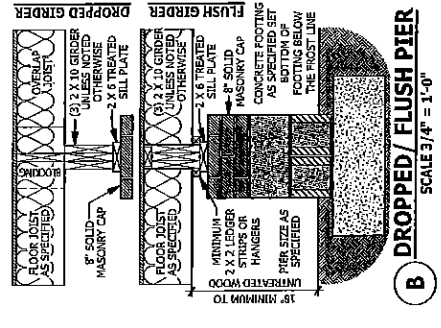
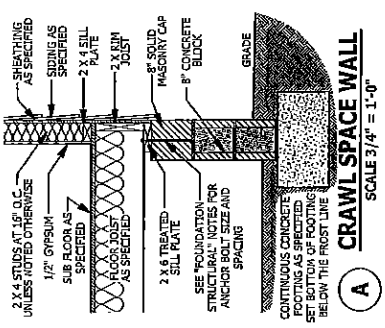
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CLOSED CRAWL PER R409 OR WALL VENTED CRAWL SPACE

UNDER FLOOR SPACE (SECTION A) TOTAL FOUNDATION SQUARE FOOTAGE OF 111.00 SQ. FT. IS VENTED = 1.58 SQ. FT. SQUARE FOOTAGE OF 111.00 SQ. FT. WITH CROSS VENTILATION AREA OF VENTING NEEDED = 1.00 SQ. FT. WITH CROSS VENTILATION AREA OF VENTING NEEDED = 1.00 SQ. FT. NOTE: NUMBER OF VENTS NEEDED WILL VARY DEPENDING ON VENTS USED AND CROSS VENTILATION.

CRAWL SPACE PLAN
SCALE 1/4" = 1'-0"



FOUNDATION STRUCTURAL

1. ALL 150 psi concrete shall be 112 to 1172 mpa.

2. CONTINUOUS FOOTING: 14" wide and 8" thick minimum; 20" wide minimum at brick veneer. Must extend 2" to either side of supported wall.

3. 2 X 6 girder unless noted otherwise.

4. PIER: 16" x 16" pier with 8" solid masonry cap on 30" x 30" x 10" diameter footing with maximum pier height of 6'4" with 11.5 and 120 WPI ANCHORS. Significant point load and should have solid blocking to pier, girder or foundation wall.

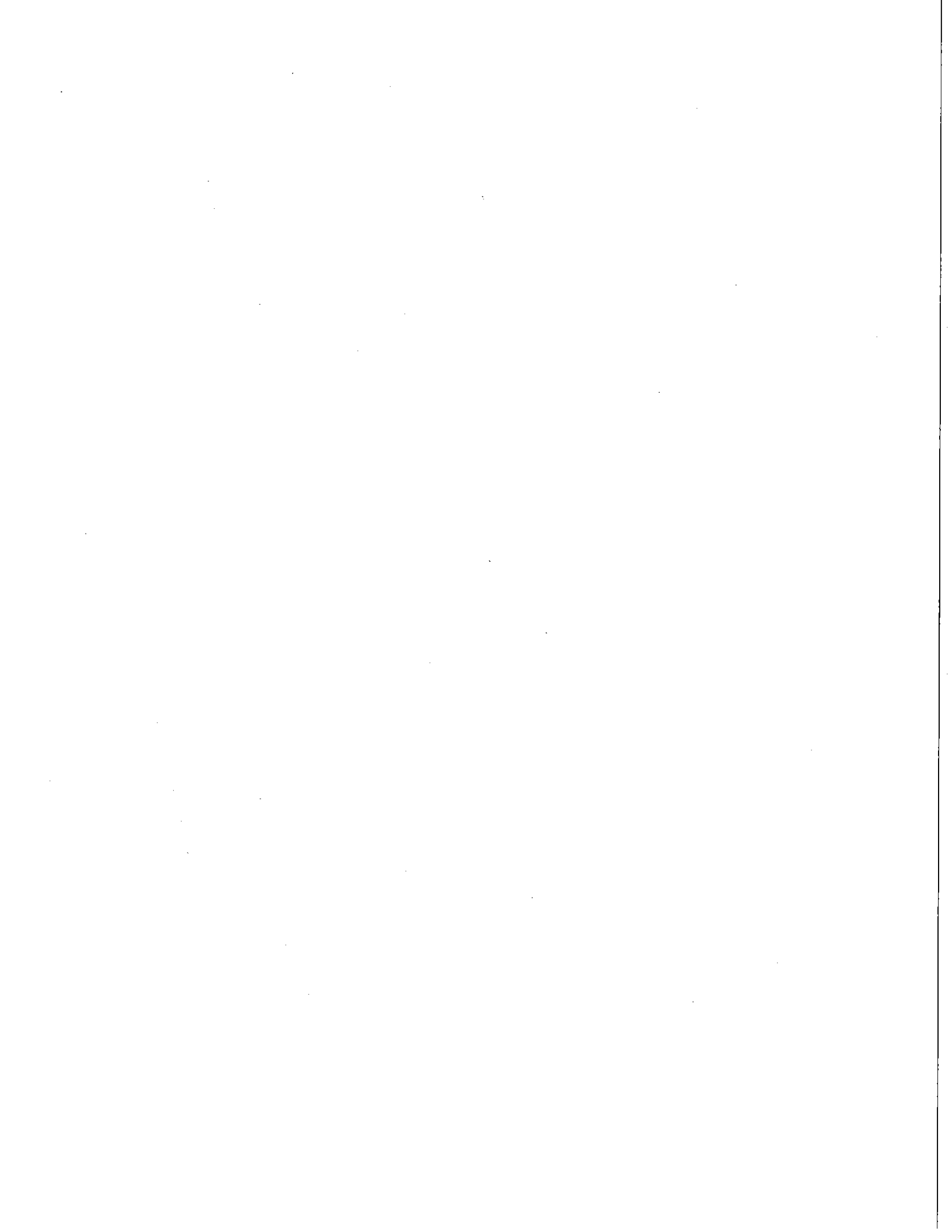
5. 15" of pier ends, and minimum two anchor bolts per pier.

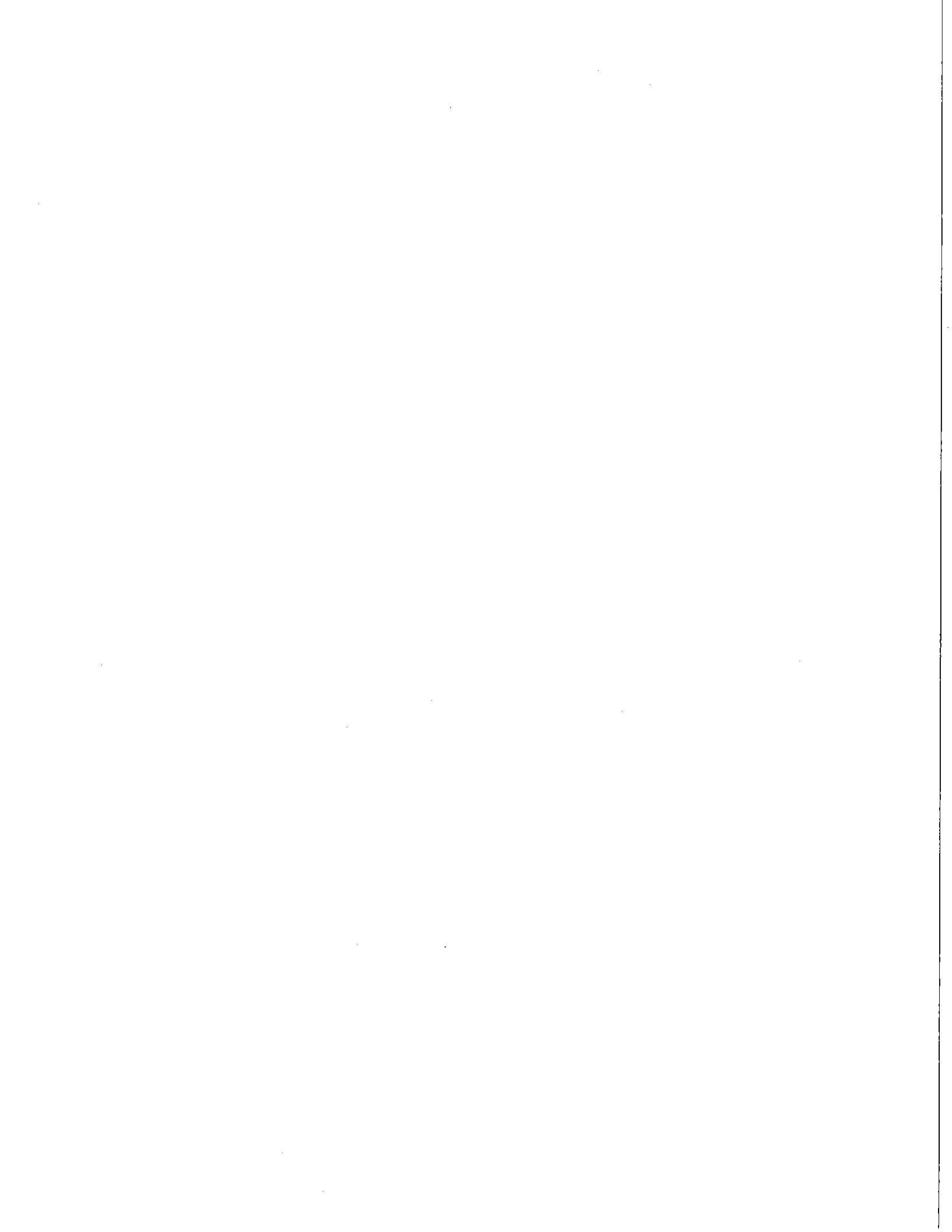
6. 12" of pier ends, and minimum two anchor bolts per pier.

7. 12" of pier ends, and minimum two anchor bolts per pier.

8. CONCRETE: Concrete shall have a minimum 28 day strength of 3000 psi and a maximum 5" slump. All anchored pier table shall be in accordance with ACI standards. All samples for pumping shall be taken from the end of the concrete.

9. SOIL: Inadequate soil bearing capacity, determined to be 2000 psf. The contractor must contact a geotechnical engineer and a structural engineer if inadequate subsurface conditions are encountered. The surface shall be graded as to drain surface water away from foundation walls.





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FIRST FLOOR STRUCTURAL

Miller Residence
8296 Christian Light Road

HAYNES HOME PLANS, INC.
700 W. 202nd Street, Suite 200
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801.225.8129
www.haynesplans.com

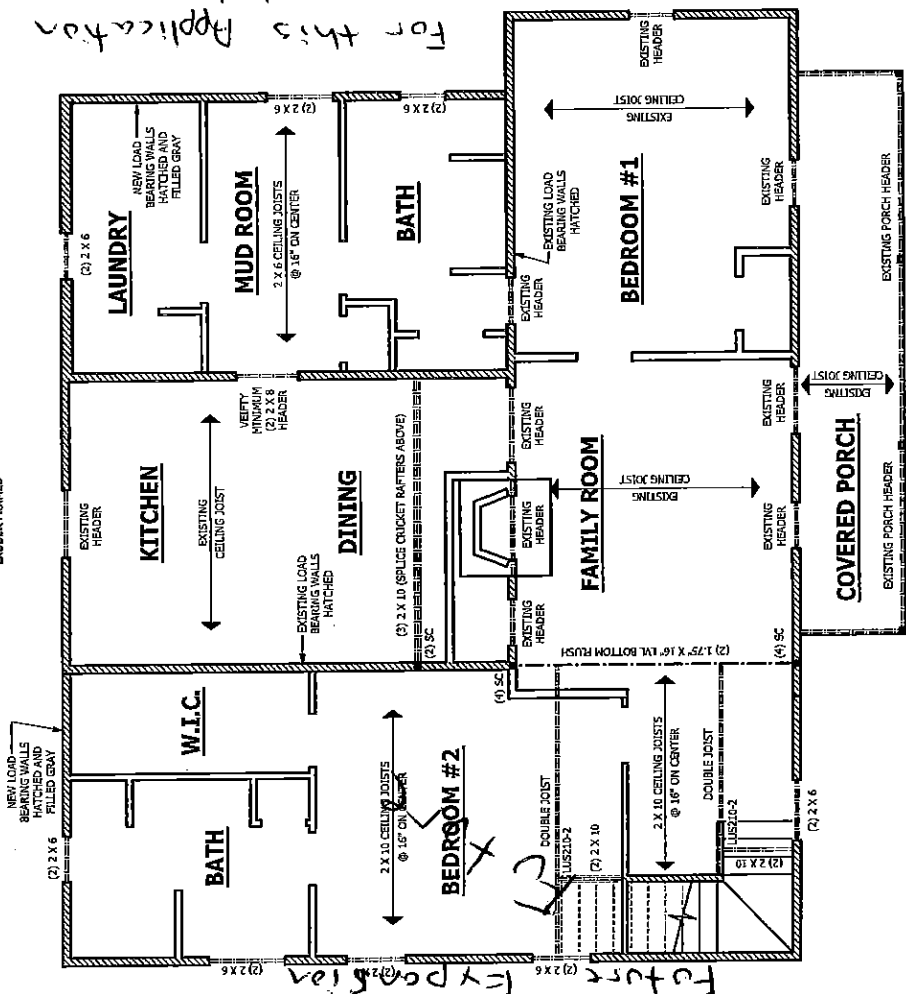
FOOTING FOOTAGE
FOOTING PER LINEAL FOOT
CONCRETE
4" DIA. REBAR
FORMWORK
TOTAL
11.50
1.00
1.00
13.50

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EXTERIOR HEADERS
- (2) 2 X 6 WITH 1 JACK STUD EACH END UNLESS NOTED OTHERWISE
- KING STUDS EACH END PER TABLE BELOW
- KING STUDS 1 2 3 5 6
- KING STUDS 1 2 3 5 6

INTERIOR HEADERS
- LOAD BEARING HEADERS (2) 2 X 6 WITH 1 JACK STUD AND 1 KING STUD EACH END UNLESS NOTED OTHERWISE
- NON LOAD BEARING HEADERS TO BE LADDER RANDED

For this Application



FIRST FLOOR STRUCTURAL
SCALE 1/4" = 1'-0"

STRUCTURAL NOTES

All construction shall conform to the latest requirements of the 2018 North Carolina Building Code, unless otherwise noted. This document is the property of Haynes Home Plans, Inc. and is not to be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system. Any reproduction or transmission of this document without the written permission of Haynes Home Plans, Inc. is strictly prohibited. Haynes Home Plans, Inc. assumes no liability for any damage or injury to persons or property arising from the use of this document. Haynes Home Plans, Inc. is not responsible for any violation of any applicable codes or regulations. Haynes Home Plans, Inc. is not responsible for any violation of any applicable codes or regulations. Haynes Home Plans, Inc. is not responsible for any violation of any applicable codes or regulations.

DESIGN LOADS	LIVE LOAD (PSF)	DEAD LOAD (DEFLECTION)	(L)
ROOF	20	10	1/32
FLOOR	40	10	1/32
CEILING	10	10	1/32
WALLS	20	10	1/32
WIND	15	10	1/32
SEISMIC	0	10	1/32
SOILS	20	10	1/32
SNOW	20	10	1/32

ENGINEERED WOOD BEAMS:
Laminated Veneer Lumber (LVL) = 1.8E-260 PSI, F_v = 1,940 PSI
Solid Sawn Lumber (SCL) = 1.8E-260 PSI, F_v = 1,940 PSI
Glue Laminated Timber (GLT) = 1.8E-260 PSI, F_v = 1,940 PSI
Truss and Joist Members: All roof truss and joist layouts shall be prepared in accordance with this document. Trusses and joists shall be designed in accordance with the applicable code requirements. Trusses and joists shall be designed in accordance with the applicable code requirements. Trusses and joists shall be designed in accordance with the applicable code requirements.

BRACE WALL PANEL NOTES

EXTERIOR WALLS: All exterior walls to be sheathed with CS-WSP or CS-SFB in accordance with section R602.10.3 unless noted otherwise.
INTERIOR WALLS: All interior walls to be sheathed with CS-WSP or CS-SFB in accordance with section R602.10.3 unless noted otherwise.
REQUIRED LENGTH OF BRACING: Required brace wall length for each side of the circumferential bracing shall be determined by the actual length of the bracing. Method CS-Conf-1.5 shall be used to determine the required length of the bracing. Method CS-Conf-1.5 shall be used to determine the required length of the bracing. Method CS-Conf-1.5 shall be used to determine the required length of the bracing.

