

**DOOR AND WINDOW BUCK FASTENING**

1 X BUCKS SHALL BE ATTACHED WITH CASE HARD NAILS @ 12" O.C. WITH THE DOORS AND WINDOWS FASTENED WITH TAPCONS PER PRODUCT REVIEW AFFIDAVIT WITH A MIN. OF 1-1/2" EMBEDMENT INTO CONCRETE (THROUGH FRAME) BUCK SHALL EXTEND BEYOND THE INTERIOR FACE OF THE FRAME PER 2014 FLORIDA BUILDING CODE WITH AMENDMENTS.

**OPTIONAL**

2 X BUCKS SHALL BE ATTACHED WITH 1/4" X 3-1/4" TAPCONS AT 12" O.C. WITH DOORS AND WINDOWS FASTENED WITH #10 WOOD SCREWS SPACED PER PRODUCT REVIEW AFFIDAVIT WITH A MINIMUM PENETRATION OF 1-1/4" INTO BUCK. BUCK SHALL EXTEND BEYOND THE INTERIOR FACE OF THE FRAME PER 2014 FLORIDA BUILDING CODE WITH AMENDMENTS.

**DRYWALL AND FURRING ATTACHMENT**

P.T. 1 X 2 FURRING @ 16" O.C. FASTENED WITH 1 1/2" CASE HARD NAILS @ 8" O.C.

1/2" DRYWALL FASTENED TO FURRING WITH 1 1/8" DRYWALL SCREWS @ 8" O.C. PERIMETER AND 12" O.C. FIELD.

5/8" DRYWALL FASTENED TO FURRING WITH 1 1/8" DRYWALL SCREWS @ 8" O.C. PERIMETER AND 12" O.C. FIELD.

**PRODUCT REVIEW**

PRODUCT	OPENING DESIGN PRESSURES (WORST CASE)	PRODUCT DESIGN PRESSURES	MANUFACTURER	MODEL#	APPRO VAL#	GLASS TYPE	ATTACHMENT METHOD
DOOR	ZONE 4-61.7 ZONE 5-74.1	-75	PST INDUSTRIES	FD-101	FLJ 16-0629.17	IMPACT	3/4" TAPCONS @ 4" MIN. O.C., JAMBS (ALL); 13 1/4" MAX. FROM CORNERS AND 231/8" MAX. O.C. HEAD & SILL OF DOORS; 6" MAX. FROM CORNERS, 9" MAX. FROM ASTRAGAL CENTERS AND 20 7/8" MAX. O.C. HEAD & SILL OF SIDE LITES; 6" MAX. FROM CORNERS AND 24 3/4" MAX. O.C.
ROOFING	ZONE 1-54.1 ZONE 2-64.4 ZONE 3-52.1	-112.5	POLYGLASS	PEEL AND STICK	FLJ 1654.1	N/A	ELASTIC 22 GA. RING SHANKS @ 6" O.C., 4" O.C. @ LAP SELF ADHERED ELASTOFLEX
DOOR	ZONE 4-61.7 ZONE 5-74.1	-65	MARVIN WINDOWS & DOORS	CUOH-NG-123 4036-2W COMBINATION	FLJ 17635.8	IMPACT	#8 X 1-1/2" WOOD SCREWS @ 15" MAX. O.C., 6" ON CORNERS, MIN. EMBEDMENT OF 1-3/4" AND 3/4" DISTANCE TO EDGE
AWNING	ZONE 4-61.7 ZONE 5-74.1	-65	MARVIN WINDOWS & DOORS	CLAD AWNING OPERATOR	FLJ 13180.1	IMPACT	#8 SCREWS @ 13" MAX. O.C. WITH 1-3/4" MIN. EMBEDMENT, 6" FROM CORNERS, SCREWS MUST BE A MIN. 3/4" FROM EA. EDGE OF THE BUCK
DOOR	ZONE 4-61.7 ZONE 5-74.1	-55	MARVIN WINDOWS & DOORS	CLAD ULTIMATE OUTSWING FRENCH DOOR	FLJ 4089.14	IMPACT	#8 SCREWS @ MAX. 12" O.C. MIN. 6" O.C. HEAD AND SILL AND 12" O.C. JAMBS WITH A 1-3/4" MIN. EMBEDMENT

THE SEAL HEREON IS PROVIDED ONLY TO INDICATE OUR REVIEW AND APPROVAL FOR USE OF PRODUCTS LISTED FOR THIS STRUCTURE. THE ACCEPTANCE OF THESE PRODUCTS AND METHODS OF ATTACHMENT ARE BASED ENTIRELY UPON TEST DATA PROVIDED BY THE MANUFACTURERS, WHICH CARRIES ITS OWN ENGINEER'S CERTIFICATION AND IMPLIES NO WARRANTY OR GUARANTEE BY THIS OFFICE FOR THESE PRODUCTS.

**Certification for Design load Compliance**

- DESIGN CODE: Florida ~~RESIDENTIAL~~ code 2014 Edition w/20\_\_ supplements using ASCE 7-10
- Structure Design is:  Enclosed  Partially Enclosed  Open Building
- Risk Category:  I  II  III  IV Exposure Category:  B  C  D Adjustment coefficient: 1.2, 2.0
- Design Wind Velocity: 115 mph ASD LRF End Zone Width 4 ft.
- Mean Roof Height: 12 ft. Roof Pitch: 12/12 Parapet \_\_\_\_\_ ft.
- Components & Cladding Design Pressure used: (PSF, based on Actual sq. ft. @ 3.0' MRH (worst case))
- Design Loads: Floor: 25 PSF Roof/Dead: 15 PSF Roof/Live: 20 PSF Balcony: \_\_\_\_\_ PSF Dock: \_\_\_\_\_ PSF Deck: \_\_\_\_\_ PSF Stairs: \_\_\_\_\_ PSF Fence: \_\_\_\_\_ PSF Railing: \_\_\_\_\_ PSF
- Were Shear Walls Considered for Structure?  Yes  Not applicable Explain Why Not:
- Is A Continuous Load Path provided?  Yes  Not applicable Explain Why Not:
- Design Soil Bearing Pressure: 2000 PSF

**STRUCTURAL NOTES:**

- STRUCTURAL LUMBER TO BE HEM-FIR #2 GRADE OR BETTER WITH 1000 P.S.I. MIN. FIBER STRESS VALUE.
- CONCRETE TO BE 3000 P.S.I. MIN. FOR BEAMS, COLUMNS, AND FILLED CELLS, CONCRETE SLABS AND FOOTINGS TO 2500 P.S.I. MIN.
- REINFORCING STEEL SHALL BE GRADE 60 OR BETTER WITH 30" MIN. LAP.
- CONCRETE COVER OVER REINFORCING STEEL:  
FOOTINGS 3"  
BEAMS 1-1/2"  
COLUMNS 1-1/2"  
FILL (SOIL) SHALL BE PLACED IN LIFTS NOT TO EXCEED 12" AND COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR DENSITY.
- ALL COMPONENTS OF THIS STRUCTURE HAVE BEEN DESIGNED & SELECTED TO WITHSTAND WIND FORCES PER THE FLORIDA BUILDING CODE 2014 EDITION.
- DOOR & WINDOW ASSEMBLY COMPONENTS TO BE CERTIFIED BY MANUFACTURER FOR WIND FORCES PER THE FLORIDA BUILDING CODE 2014 EDITION PER WIND LOAD COMPLIANCE DESIGN PRESSURES.
- PRECAST / PRESTRESSED CONCRETE LINTELS TO HAVE 6" MINIMUM BEARING. SEE LINTEL SCHEDULE FOR ADDITIONAL INFORMATION.
- FOR METHOD OF ATTACHMENT OF DOORS & WINDOWS, SEE ATTACHED PRODUCT REVIEW AFFIDAVIT.

\*NOTE: ALL SIMPSON STRONG-TIE PRODUCTS IN CONTACT WITH TREATED LUMBER SHALL HAVE A MINIMUM 2-MAX COATING OR BETTER.

**NOTES:**

DRYWALL SHALL CONFORM WITH SECTION R702.3.1 OF THE FLORIDA BUILDING RESIDENTIAL CODE.

CERAMIC TILE IN TUB / SHOWER COMPARTMENTS SHALL CONFORM WITH SECTION R702.4 OF THE FLORIDA BUILDING RESIDENTIAL CODE.

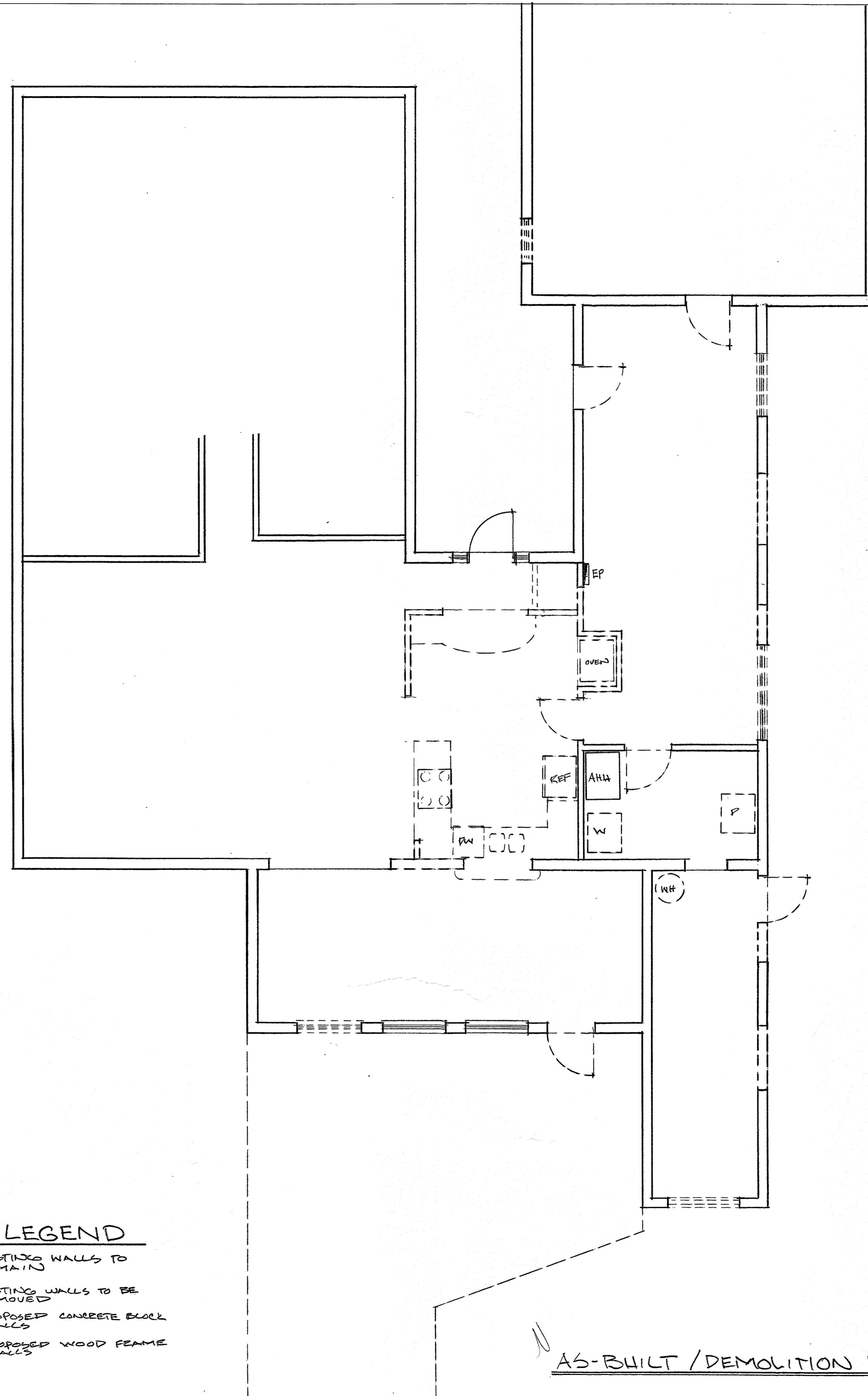
WALL AND CEILING FINISHES SHALL HAVE A FLAME SPREAD CLASSIFICATION OF NOT GREATER THAN 200 AND A SMOKE-DEVELOPED INDEX OF NOT GREATER THAN 450.

ATTIC INSULATION SHALL HAVE A CRITICAL RADIANT FLUX NOT LESS THAN 0.12 WATT PER SQUARE CENTIMETER WITH A FLAME SPREAD NOT EXCEEDING 25 WITH AN ACCOMPANYING SMOKE-DEVELOPED INDEX NOT EXCEEDING 450.

FOAM BLOCK INSULATION SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 75 AND SMOKE - DEVELOPED INDEX OF NOT MORE THAN 450.

TABLE R301.2(1)  
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

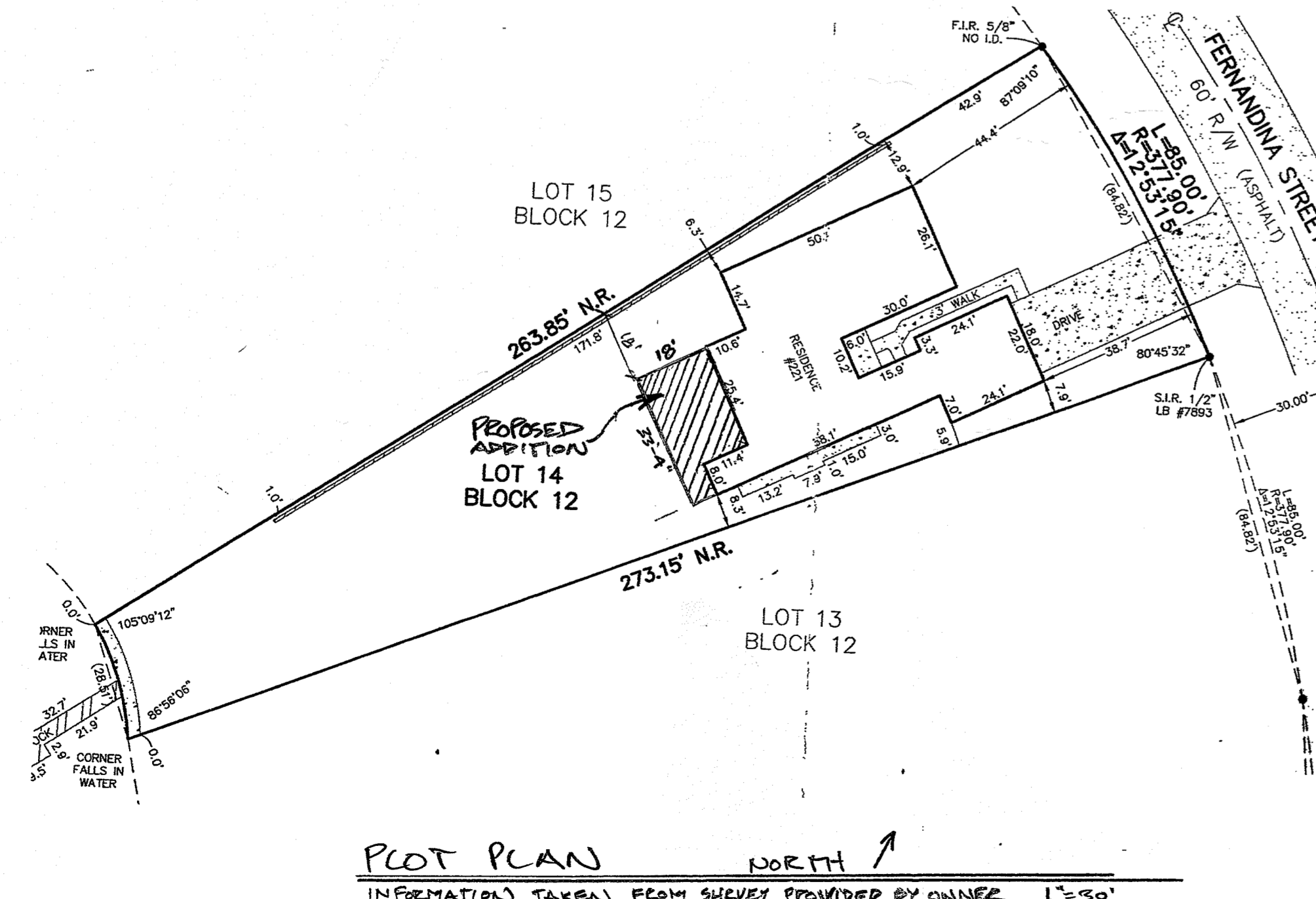
GROUND SNOW LOAD	WIND DESIGN Speed <sup>a</sup> (topographic effects) <sup>b</sup> (mph)	SEISMIC DESIGN CATEGORY <sup>c</sup>			SUBJECT TO DAMAGE FROM		WINTER DESIGN TEMP	ICE BARRIER UNDERLAYMENT REQUIREDS	FLOOD HAZARDS <sup>e</sup>	AIR FREEZING INDEX	MEAN ANNUAL TEMP
		Weathering <sup>d</sup>	Frost (in depth)	Terrace <sup>f</sup>	WINTER DESIGN TEMP						
NA	See Fig. R301.2(4)	NA	Negligible	NA	Very Heavy	NA	NA	NA	NA	NA	



**WALL LEGEND**

	EXISTING WALLS TO REMAIN
	EXISTING WALLS TO BE REMOVED
	PROPOSED CONCRETE BLOCK WALLS
	PROPOSED WOOD FRAME WALLS

AS-BUILT / DEMOLITION PLAN 1/4"



PLOT PLAN NORTH INFORMATION TAKEN FROM SURVEY PROVIDED BY OWNER 1"=50'

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REVISIONS  
NO. DATE REVISION  
KEY PLAN  
SHEET TITLE / SHEET NUMBER  
**A-1 OF 3**  
PROJECT NUMBER R 17019  
DATE 6/19/17  
BEN-IT



