

AERIAL VIEW



EYE LEVEL VIEW

Table of Contents	
G-001	Overview
S-001	Site Plan
A-100	Foundation Plan
A-101	First Floor Plan
A-102	Second Floor Plan
A-200	Elevations
A-201	Elevations
A-202	Elevations
A-203	Elevations
A-300	Sections
A-400	Prescriptive Design
A-401	Interior Elevations
E-100	Foundation Details, Mechanical, Electrical
E-101	1st Floor Details, Mechanical, Electrical
E-102	2nd Floor Details, Mechanical, Electrical
F-100	Framing: 1st Floor
F-101	Framing: 2nd Floor
F-102	Framing: Roof
F-300	Rafter Details

Recent Revision History			
REV	DATE	DESCRIPTION	TWO
5.2	4/11/18	Existing roof truss	
5.3	4/12/18	Structural details	
5.4	4/20/18	Building Permit Set	
5.5	4/27/18	Load Details	
5.6	6/2/18	Load & Schedule Details	
5.7	6/15/18		

Design:  
**Webb Builders, Inc.**  
516-482-9502

Engineering:  
**A. S. Engineering Services, P.C.**  
631-560-0259

Danilovich Residence  
Addition

Overview

Title:

DATE:

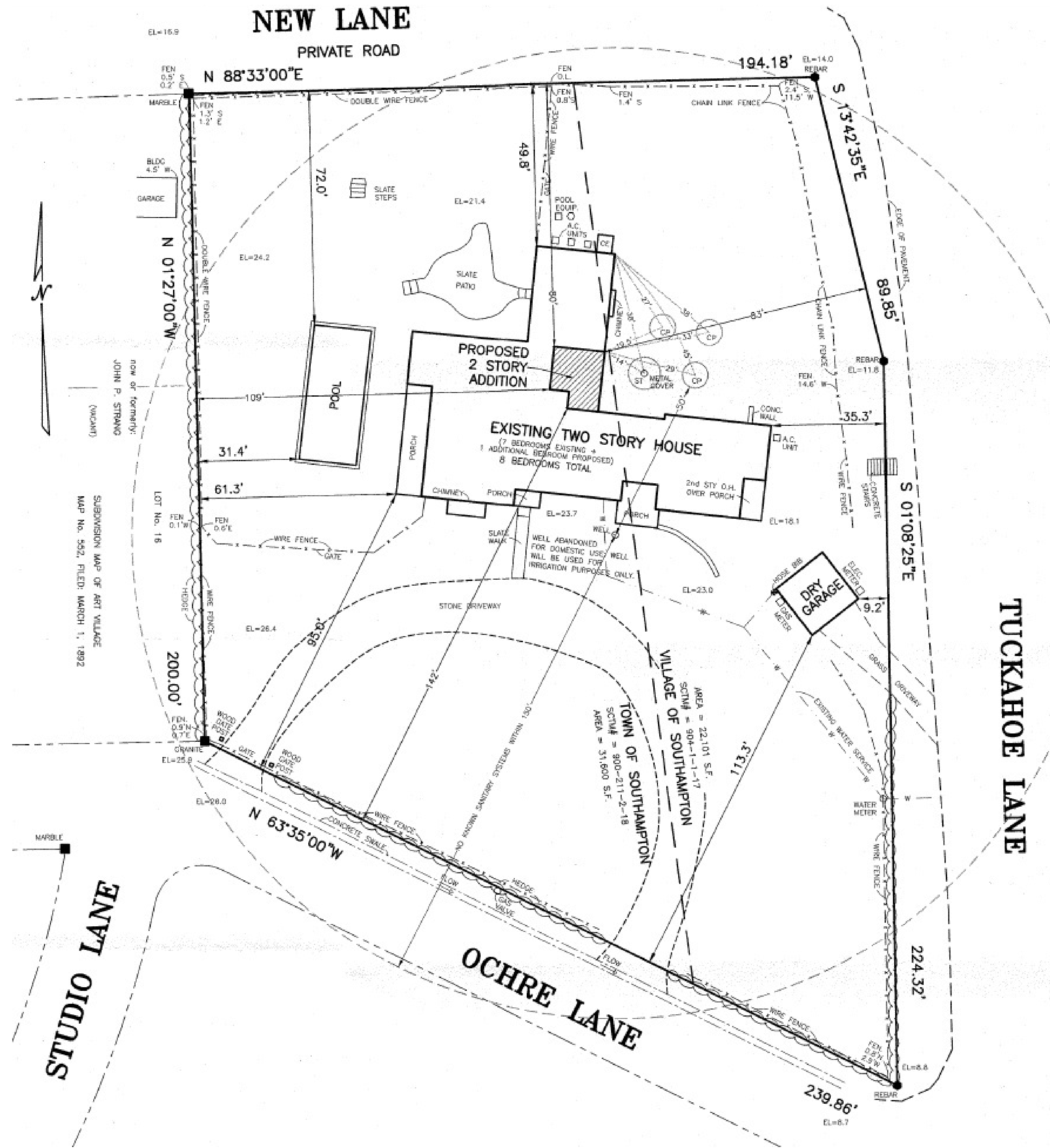
6/15/2018

SCALE:

SHEET:

G-001





Site Plan

Scale: 1" = 20'

#### DESIGN LOADS

STRUCTURAL MEMBERS HAVE BEEN DESIGNED FOR FULL DEAD LOADS AND THE FOLLOWING LIVE LOADS IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE w/ NEW YORK DEPARTMENT OF STATE 2017 SUPPLEMENT:

- BUILDING CATEGORY: II
- IMPORTANCE FACTOR:  
WIND (LW) = 1.0;  
SNOW (LS) = 1.0  
SEISMIC (LE) = 1.0
- GROUND SNOW LOAD: 20 PSF
- ROOF LIVE LOAD: 20 PSF
- LIVING AREA LIVE LOAD: 40 PSF
- SLEEPING AREA LIVE LOAD: 30 PSF
- WIND LOAD:  
Vult = 138 MPH  
WIND EXPOSURE: B  
VELOCITY PRESSURE EXPOSURE COEFFICIENT, KZ 0.85  
DIRECTIONALITY FACTOR, KD: 0.85  
GUST EFFECT FACTOR, G: 0.85  
INTERNAL PRESSURE COEFFICIENT, GCPI: ±0.18

#### CLIMATIC & GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD (PSF)	20
WIND SPEED (MPH)	138
WIND TEMPERATURE EFFECTS	NO
SPECIAL WIND REGION	YES
SEISMIC DESIGN CATEGORY	B
WEATHERING DAMAGE POTENTIAL	SEVERE
TERMITE DAMAGE POTENTIAL	MOD. TO HEAVY
FROST LINE DEPTH DAMAGE POTENTIAL (IN.)	36
WINTER DESIGN TEMPERATURE (DEG.)	15
ICE BARRIER UNDERLAYMENT REQUIREMENT	YES
FLOOD HAZARD	NO
AIR FREEZING INDEX	452
MEAN ANNUAL TEMPERATURE (DEG.)	57.2

#### GENERAL NOTES

- DO NOT SCALE DIMENSIONS OFF DRAWINGS. USE WRITTEN OR CALCULATED DIMENSIONS. ALL CONTRACTORS ARE RESPONSIBLE FOR CHECKING DIMENSIONS BEFORE ESTIMATING, ORDERING OR STARTING WORK.
- ERRORS OR OMISSIONS, IN ANY SCHEDULE OR DRAWING MUST BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM IMMEDIATELY.
- ANY DISCREPANCIES FOUND IN THE PLANS, DIMENSIONS, EXISTING CONDITIONS OR ANY APPARENT ERROR IN CLASSIFYING OR SPECIFYING ANY PRODUCT, MATERIAL OR METHOD OF ASSEMBLY MUST BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM IMMEDIATELY. A WRITTEN ADDENDUM SHALL BE ISSUED AS NECESSARY AND SHALL BECOME A PART OF THE CONTRACT DOCUMENTS THEREIN.
- DIMENSIONS AND DETAILS OF EXISTING CONSTRUCTION GIVEN IN DRAWINGS ARE APPROXIMATE AND ARE BASED ON LIMITED INFORMATION. THE CONTRACTOR SHALL VERIFY ALL INFORMATION PERTAINING TO EXISTING CONDITIONS BY ACTUAL MEASUREMENT AND OBSERVATIONS AT THE SITE. ALL DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND THOSE SHOWN ON THE DRAWINGS MUST BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM IMMEDIATELY.
- OPENINGS SHALL NOT BE MADE IN ANY STRUCTURAL MEMBER UNLESS SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS OR APPROVED BY THE ENGINEER.
- ALL EXTERIOR EXPOSED WORK SHALL BE INSTALLED IN SUCH A MANNER AS TO ASSURE WEATHER TIGHT CONDITION.
- ALL WORK SHALL CONFORM TO CODES, ORDINANCES, REGULATIONS AND REQUIREMENTS OF LOCAL, COUNTY, STATE, NATIONAL BUILDING SAFETY CODES AND OTHER AGENCIES AND AUTHORITIES HAVING JURISDICTION OVER THE PROJECT.
- NO NOTE OR LACK THEREOF SHALL BE CONSTRUED AS RELIEVING ANY CONTRACTOR FROM EXECUTING ALL WORK IN CONFORMANCE AS NOTED ABOVE.
- THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ACTS OF OMISSION OF THE GENERAL CONTRACTOR OR ANY SUBCONTRACTOR OR AGENTS OR ANY OTHER PERSONS PERFORMING THE WORK.
- THE GENERAL CONTRACTOR IS TO SUPPLY SAMPLES OF ALL MATERIAL FINISHES AND COLORS FOR FINAL APPROVAL BY THE OWNER PRIOR TO INSTALLATION.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL TRADES WITH EACH OTHER TO AVOID CONFLICTS RESULTING FROM THE LOCATION OF SUPPLY LINES AND EQUIPMENT TO SATISFY THE OVERALL DESIGN OF THE PROJECT.
- ALL CONTRACTORS SHALL BEAR THE TOTAL EXPENSE FOR AND SHALL REPAIR, TO EXISTING CONDITIONS, ANY DAMAGE TO EXISTING CONSTRUCTION, EQUIPMENT OR IMPROVEMENTS.
- ALL CONTRACTORS SHALL BEAR THE TOTAL EXPENSE FOR AND SHALL REPAIR ANY DAMAGE TO EXISTING UNDERGROUND UTILITIES.
- ALL CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH ALL PLANS AND SPECIFICATIONS. IT IS THE RESPONSIBILITY OF ALL TRADES TO COORDINATE THEIR JOBS WITH OTHER TRADES AND PERFORM THEIR JOB IN A WORKPERSON-LIKE MANNER AND ACCORDING TO THE ABOVE SAID BUILDING AND SAFETY CODES.
- ALL CONTRACTORS ARE RESPONSIBLE FOR PROTECTING THE STRUCTURE AND FINISHES DURING CONSTRUCTION, INSTALLATION AND UNTIL FINAL PAYMENT.
- THE INSTALLER SHALL PROVIDE ADEQUATE TEMPORARY BRACING, SHORING & GUYING OF FRAMING AGAINST WIND, CONSTRUCTION LOADS & OTHER TEMPORARY FORCES UNTIL NO LONGER REQUIRED FOR THE SUPPORT OF THE FRAMING.
- ALL CONTRACTORS SHALL BE RESPONSIBLE FOR THE PROPER PERFORMANCE OF THEIR WORK, COORDINATION WITH OTHER TRADES AND SAFETY AND SECURITY ON THE JOB SITE. THE DESIGN AND ENGINEERING TEAMS AND ALL THEIR AGENTS AND EMPLOYEES ARE NOT RESPONSIBLE OR LIABLE FOR THE ABOVE AND SHALL BE HELD HARMLESS AND INDEMNIFIED BY ALL CONTRACTORS FROM ANY AND ALL CLAIMS, LOSSES, SUITS AND LEGAL ACTION WHATSOEVER ARISING FROM THE PERFORMANCE OF WORK ON THIS PROJECT.

#### Recent Revision History

REV	DATE	DESCRIPTION
5.2	4/11/18	Typo
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
5.7	6/15/18	Load & Schedule Details

#### Engineering:

A. S. Engineering  
Services, P.C.

#### Design:

Webb Builders,  
Inc.  
516-482-9502

Danilovich Residence  
Addition

#### Title:

Site Plan

#### DATE:

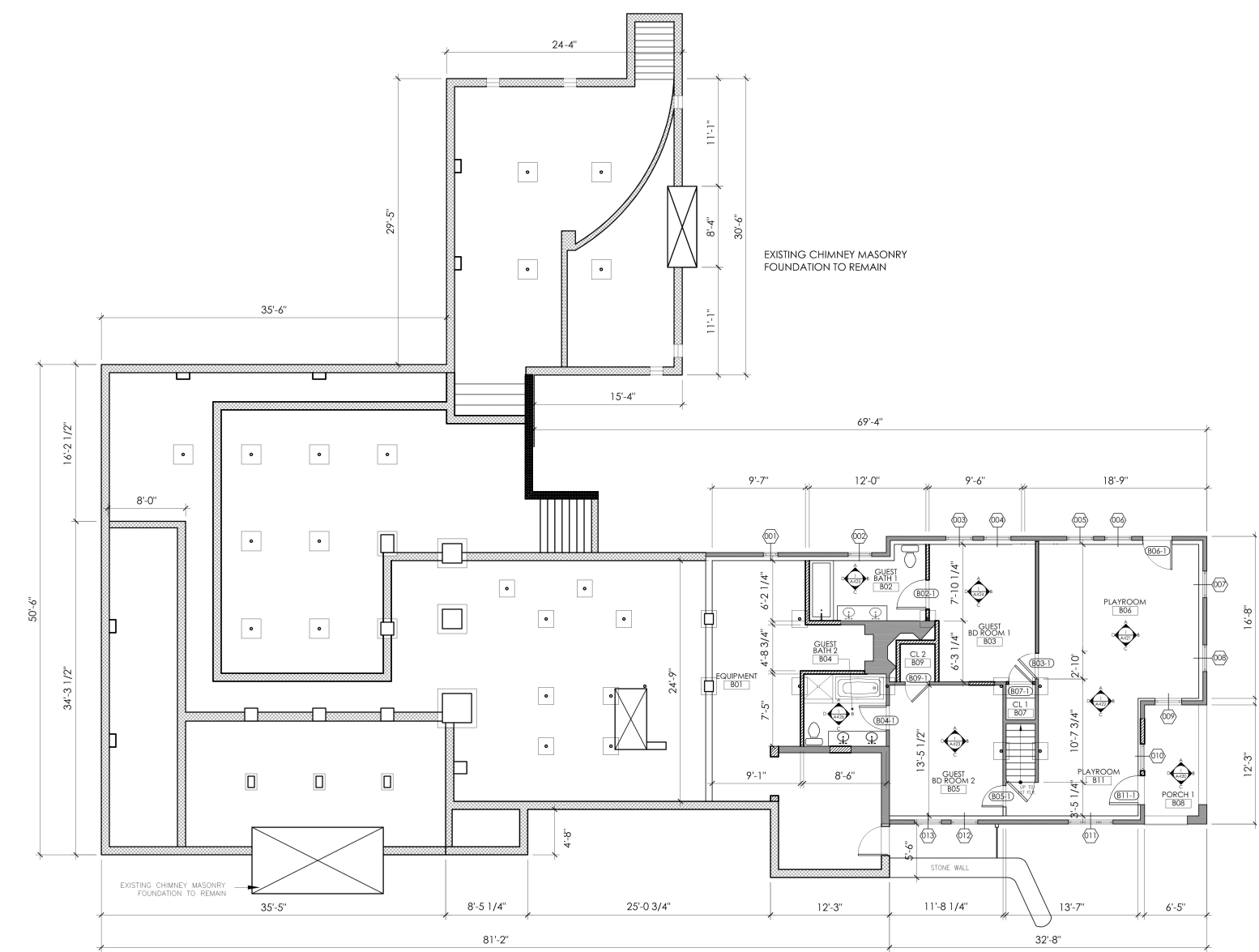
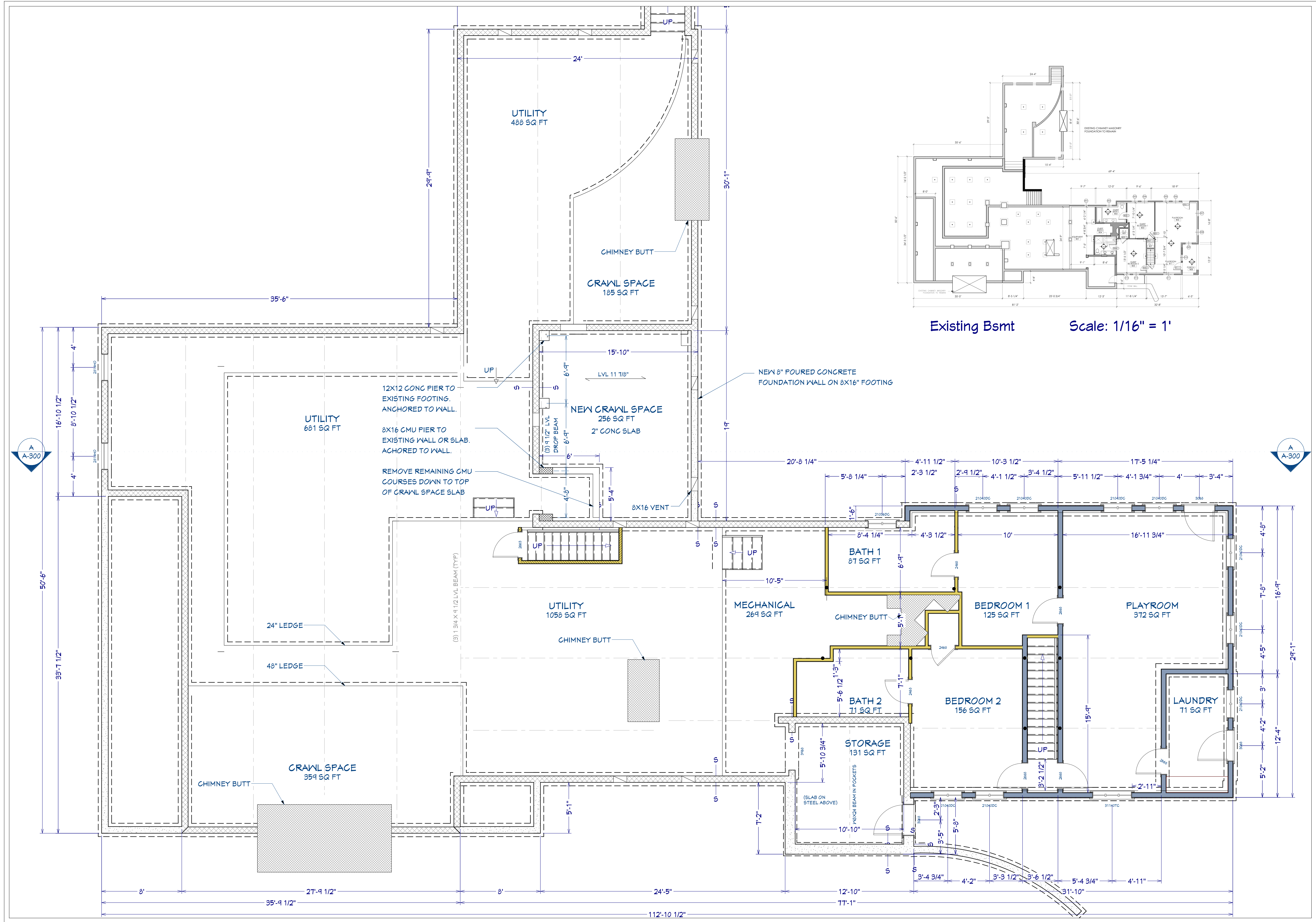
6/15/2018

#### SCALE:

#### SHEET:

S-001





Recent Revision History	
REV	DATE
5.2	4/11/18
5.3	4/12/18
5.4	4/20/18
5.5	4/27/18
5.6	6/2/18
5.7	6/15/18
DESCRIPTION	
5.2	Typo
5.3	Existing roof truss
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5.6	Load Details
5.7	Load & Schedule Details

Engineering:	
A. S. Engineering	
Services, P.C.	
681-560-0254	
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Design:	
Webb Builders,	
Inc.	
516-482-9502	

Title:	
Danilovich Residence	
Addition	

DATE:	
6/15/2018	

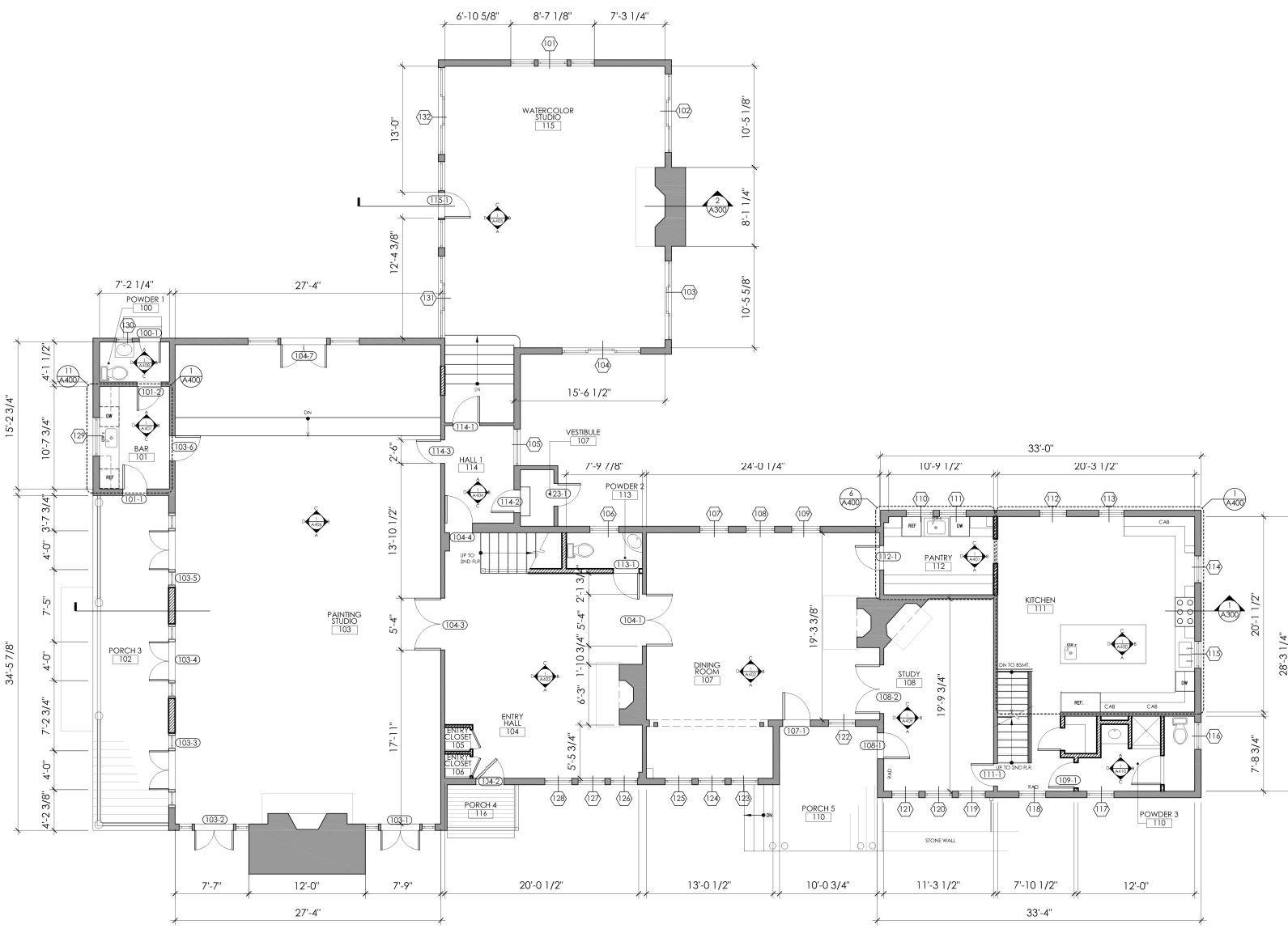
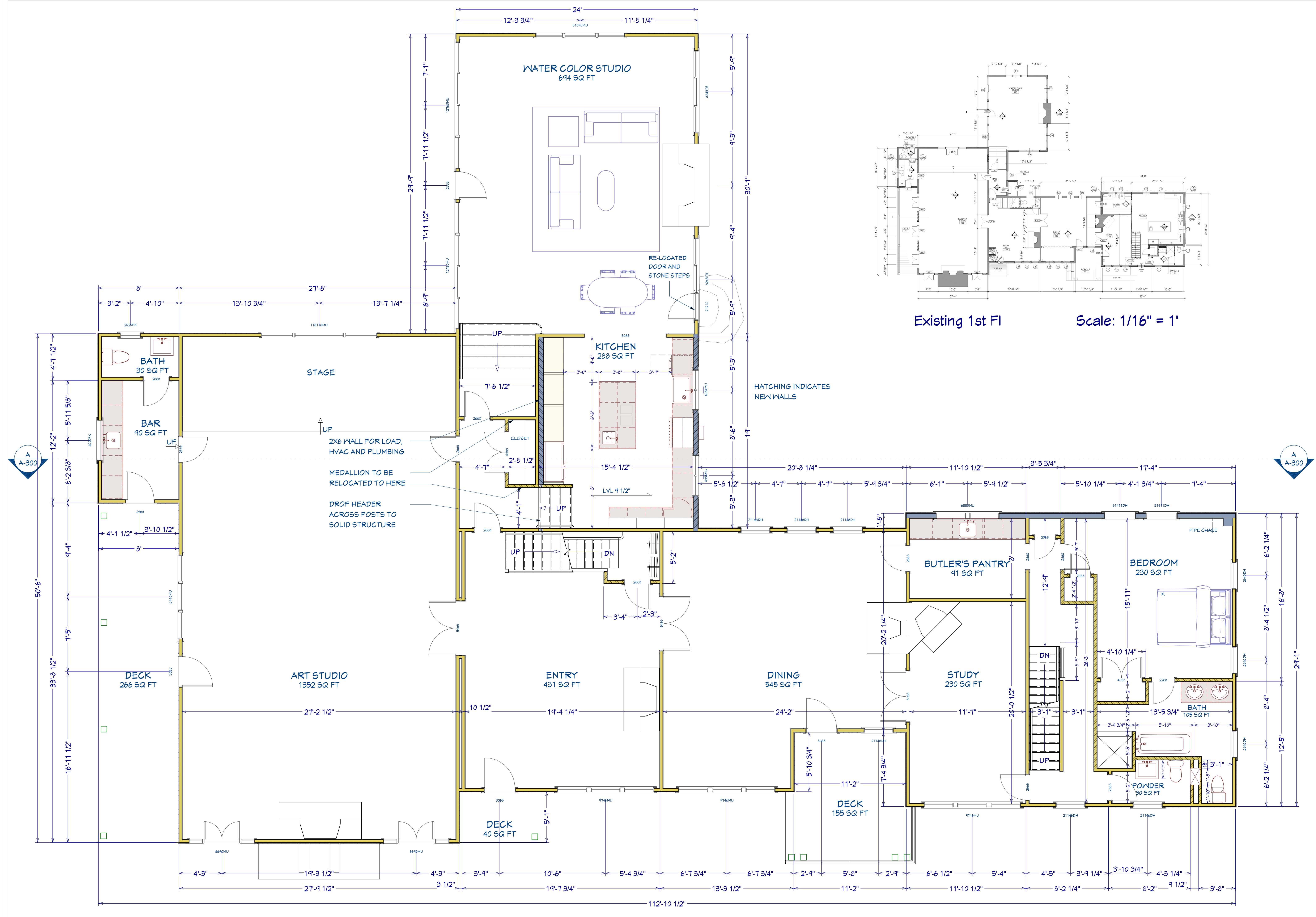
SCALE:	
1/4" = 1'	

SHEET:	
A-100	

All dimensions to be verified in field

Note: 100% scale when printed on ARCH D. 50% scale on ARCH B.





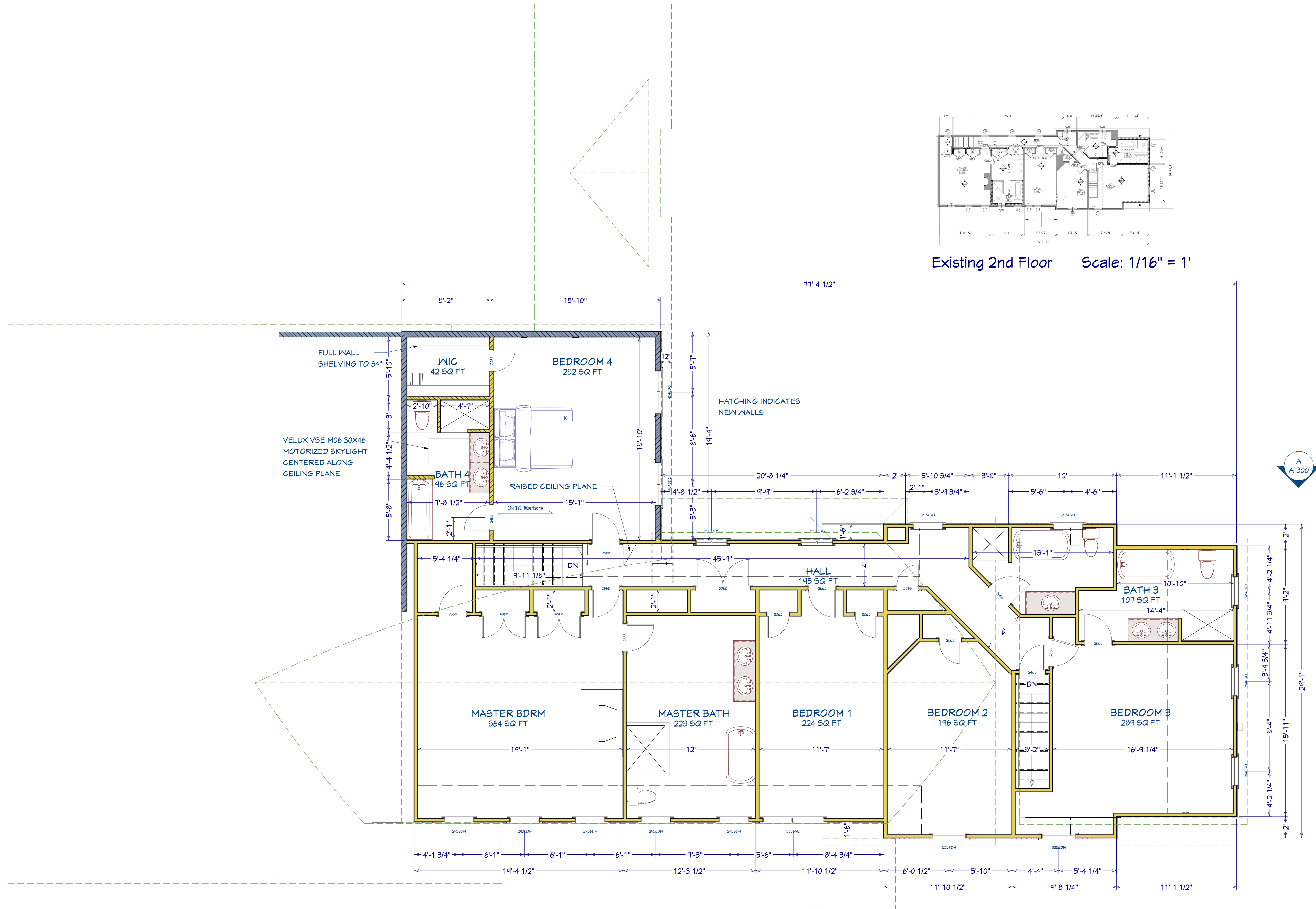
Existing 1st Fl Scale: 1/16" = 1'

All dimensions to be verified in field

Note: 100% scale when printed on ARCH D. 50% scale on ARCH B.

Recent Revision History	
REV	DATE
5.2	4/11/18
5.3	4/12/18
5.4	4/20/18
5.5	4/27/18
5.6	6/2/18
5.7	6/15/18
DESCRIPTION	
5.2	Typo
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Design:	
Engineering:	
A. S. Engineering	
Services, P.C.	
631-560-0259	
516-482-9502	
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Title:	
DATE:	
6/15/2018	
SCALE:	
1/4" = 1'	
SHEET:	
A-101	





Existing 2nd Floor Scale: 1/16" = 1'

All dimensions to be verified in field

Note: 100% scale when printed on ARCH D. 50% scale on ARCH B.

Recent Revision History		
REV	DATE	DESCRIPTION
5.2	4/11/18	Typo
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
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Design:	Engineering:
	A. S. Engineering Services, P.C.
Webb Builders, Inc.	631-560-0259
	516-482-9502

Danilovich Residence Addition

Second Floor Plan

Title:

DATE:

6/15/2018

SCALE:

1/4" = 1'

SHEET:

A-102





South Elevation - No Changes

Recent Revision History		
REV	DATE	DESCRIPTION
5.2	4/11/18	Typo
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
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Design:  
**Webb Builders, Inc.**  
516-482-9502

Engineering:  
**A. S. Engineering Services, P.C.**  
631-560-0254

Danilovich Residence  
Addition

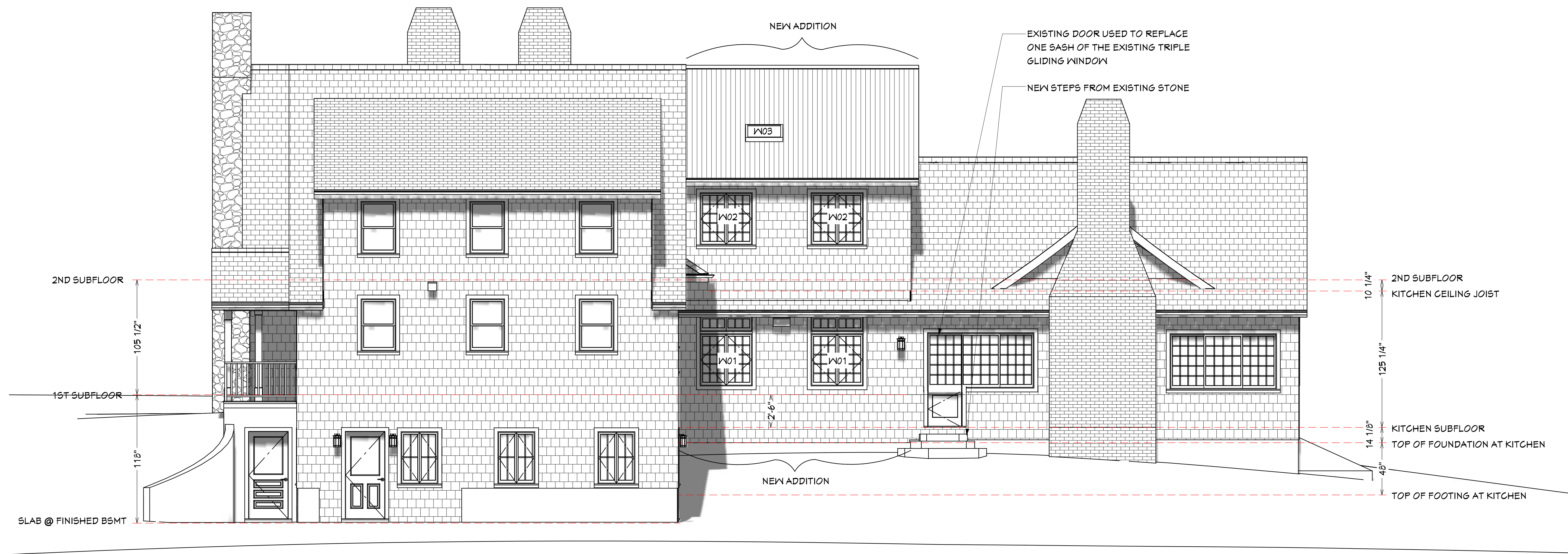
Title:  
**Elevations**

DATE:  
6/15/2018

SCALE:  
1/4" = 1'

SHEET:  
**A-200**





East Elevation

WINDOW SCHEDULE										
NUMBER	LABEL	QTY	FLOOR	SIZE	WIDTH	HEIGHT	R/O	EGRESS	DESCRIPTION	MANUFACTURER
W01	4054MU	2	1	4054	48"	64"	49"X65"		MULLED UNIT W/TRANSOM	MARVIN
W02	4040DC	2	2	4040	48"	48"	49"X49"	YES	DBL CASEMENT	MARVIN
W03	V9E M06	1	R	26310	30"	46"	301/16"X45 3/4"		MOTORIZED SKYLIGHT	VELUX

Recent Revision History		
REV	DATE	DESCRIPTION
5.2	4/11/18	Typo
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
5.7	6/15/18	Load & Schedule Details

Design:  
**Webb Builders, Inc.**  
516-482-9502

Engineering:  
**A. S. Engineering Services, P.C.**  
631-560-0259

Danilovich Residence Addition

Elevations

Title:

DATE:  
6/15/2018

SCALE:  
1/4" = 1'

SHEET:  
A-201





North Elevation

Recent Revision History		
REV	DATE	DESCRIPTION
5.2	4/11/18	Typo
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
5.7	6/15/18	Load & Schedule Details

Design:  
**Webb Builders, Inc.**  
516-482-9502

Engineering:  
**A. S. Engineering Services, P.C.**  
631-560-0259

Danilovich Residence  
Addition

Elevations

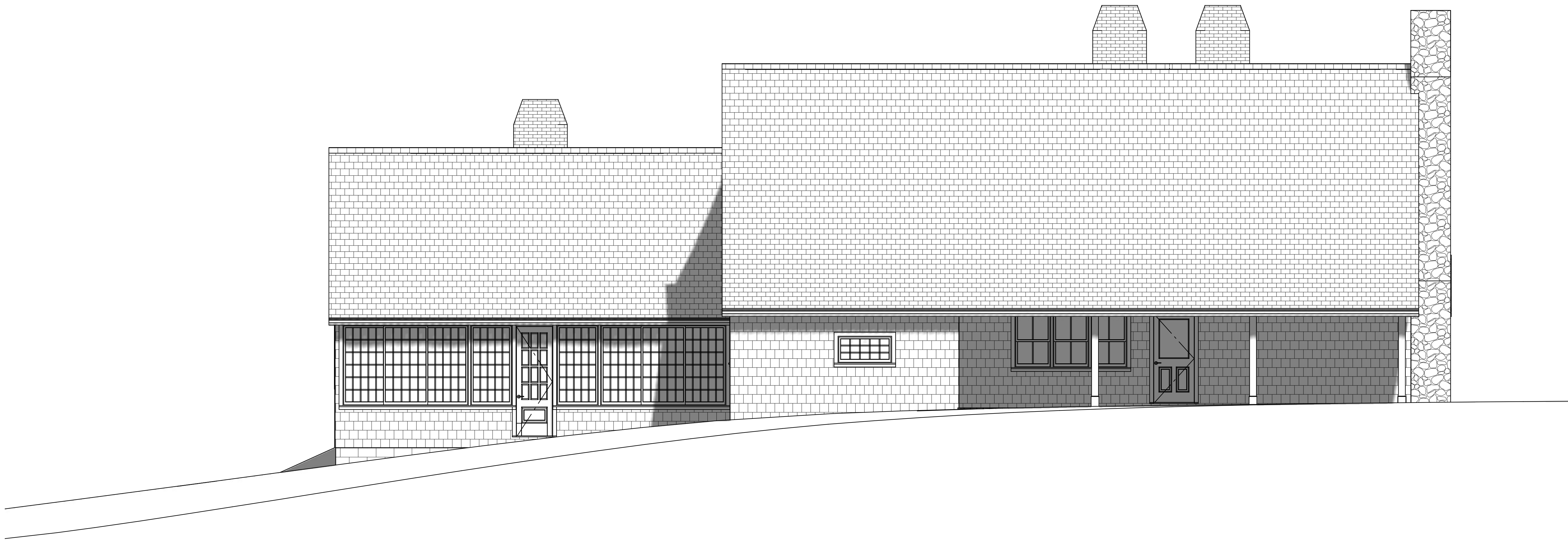
Title:

DATE:  
6/15/2018

SCALE:  
1/4" = 1'

SHEET:  
A-202





West Elevation - No changes

Title:

DATE:

6/15/2018

SCALE:

1/4" = 1'

SHEET:

A-203

Danilovich Residence  
Addition

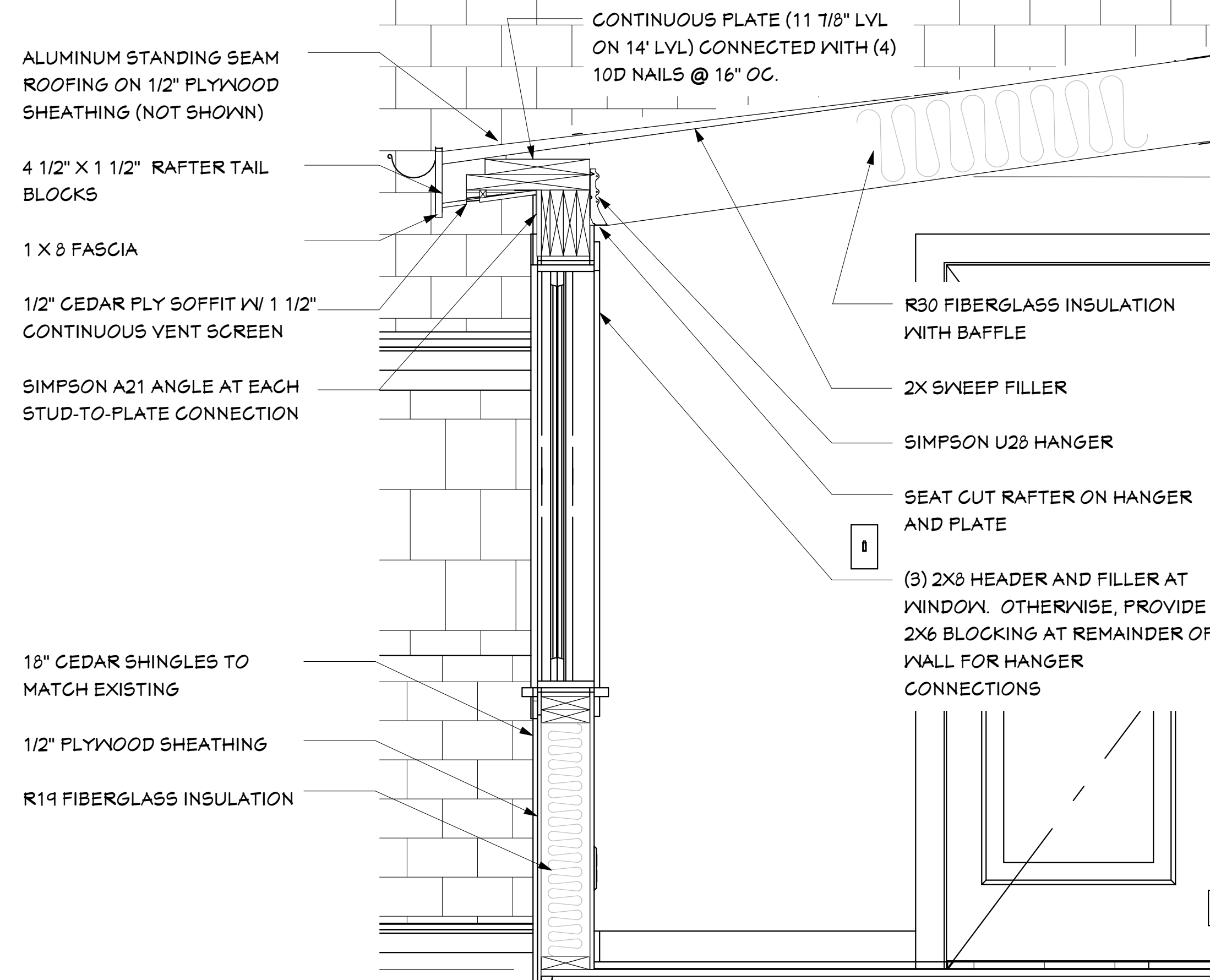
Design:  
Webb Builders,  
Inc.  
516-482-9502

Engineering:  
A. S. Engineering  
Services, P.C.  
631-560-0259

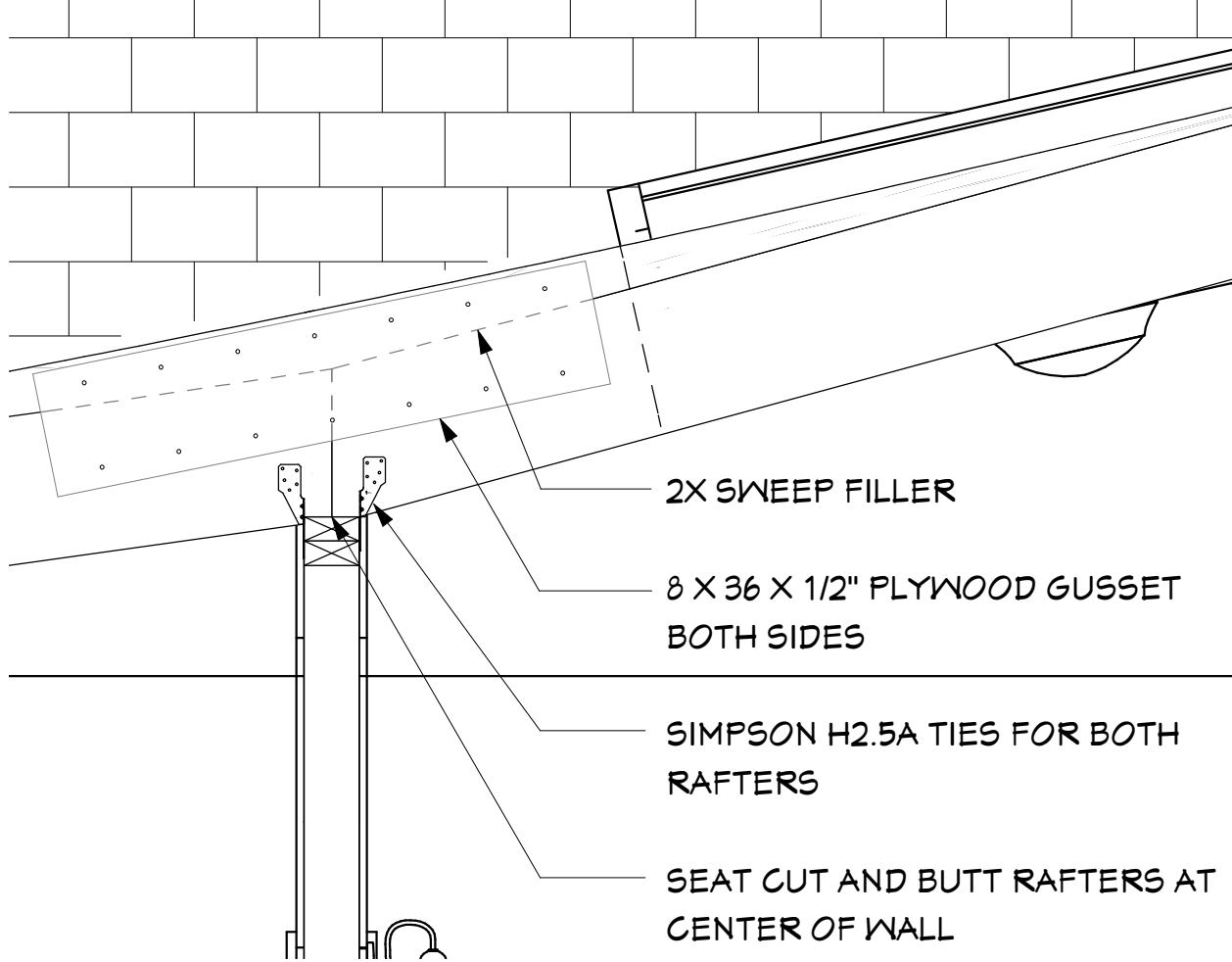
Recent Revision History

REV	DATE	DESCRIPTION
5.2	4/11/18	Typo
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
5.7	6/15/18	Load & Schedule Details

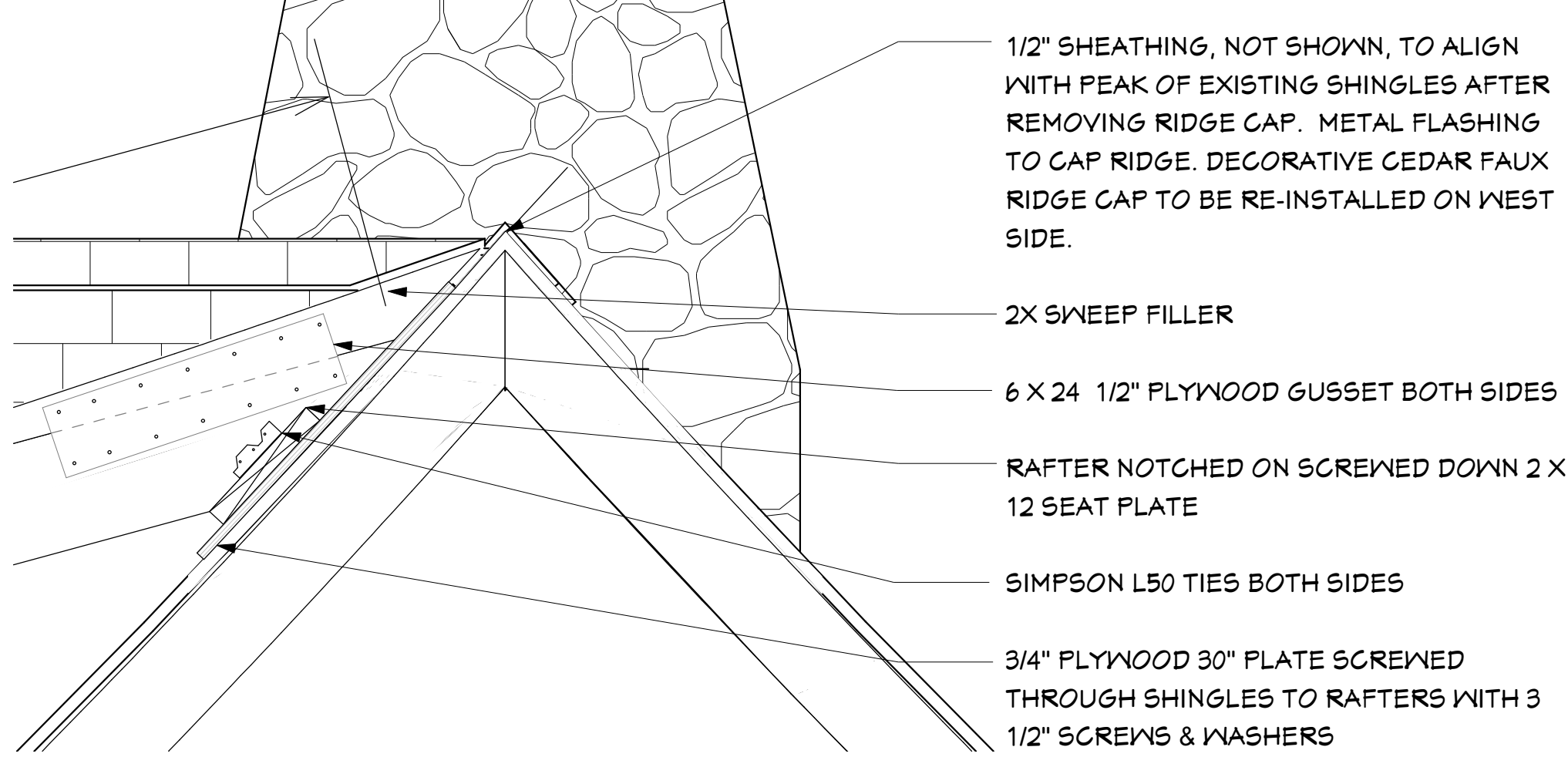




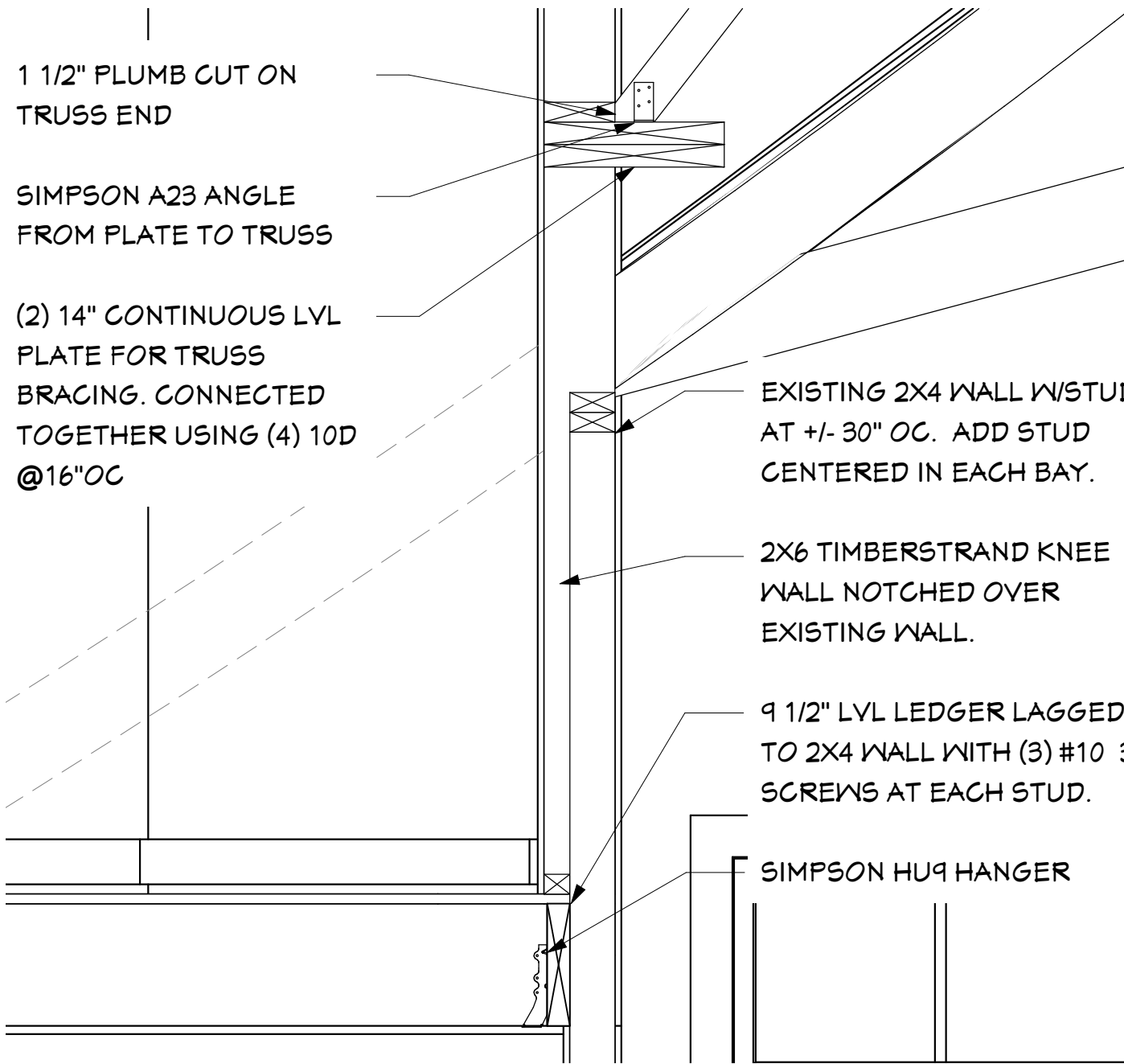
Detail A.1 Scale: 1" = 1'



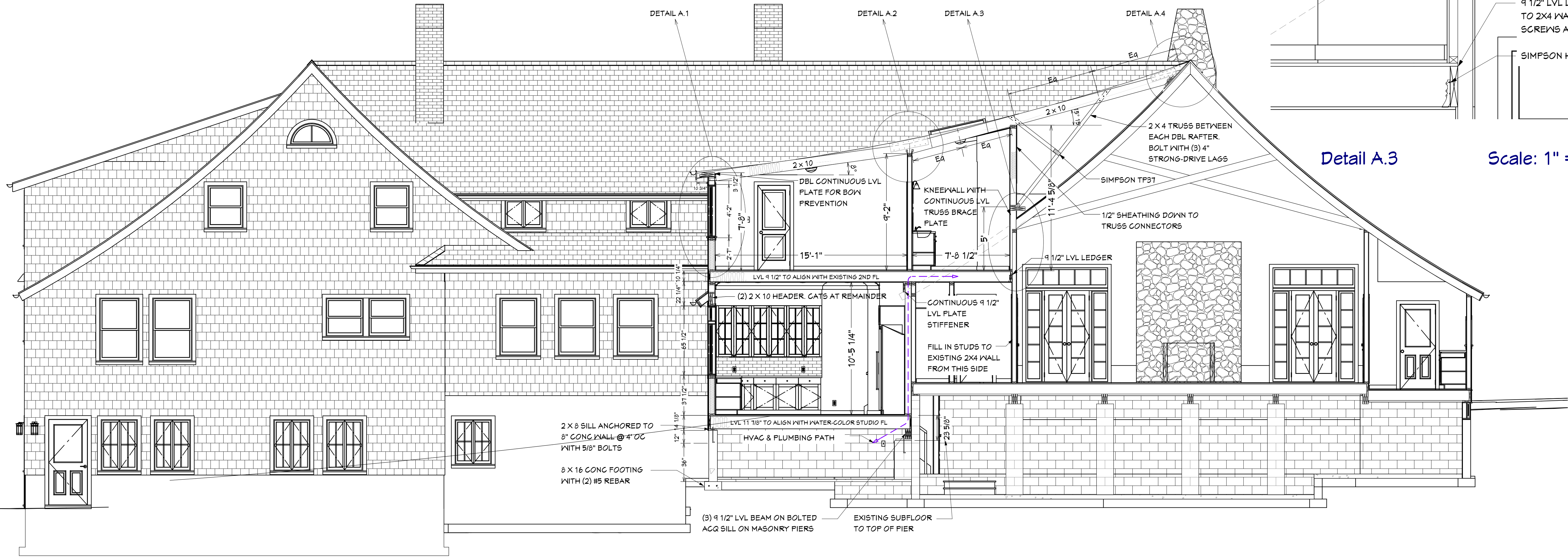
Detail A.2 Scale: 1" = 1'



Detail A.4 Scale: 1" = 1'



Detail A.3 Scale: 1" = 1'



Section A Scale: 1/4" = 1'

All dimensions to be verified in field

Note: 100% scale when printed on ARCH D. 50% scale on ARCH B.

Recent Revision History	
REV	DESCRIPTION
5.2	4/11/18 TPO
5.3	4/12/18 Existing roof truss
5.4	4/20/18 Structural details
5.5	4/27/18 Building Permit Set
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Design:	Engineering:
Webb Builders, Inc.	A. S. Engineering Services, P.C.
516-482-9502	631-560-0254

Danilovich Residence Addition
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Sections
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Title:
DATE:
6/15/2018
SCALE:
SHEET:
A-300



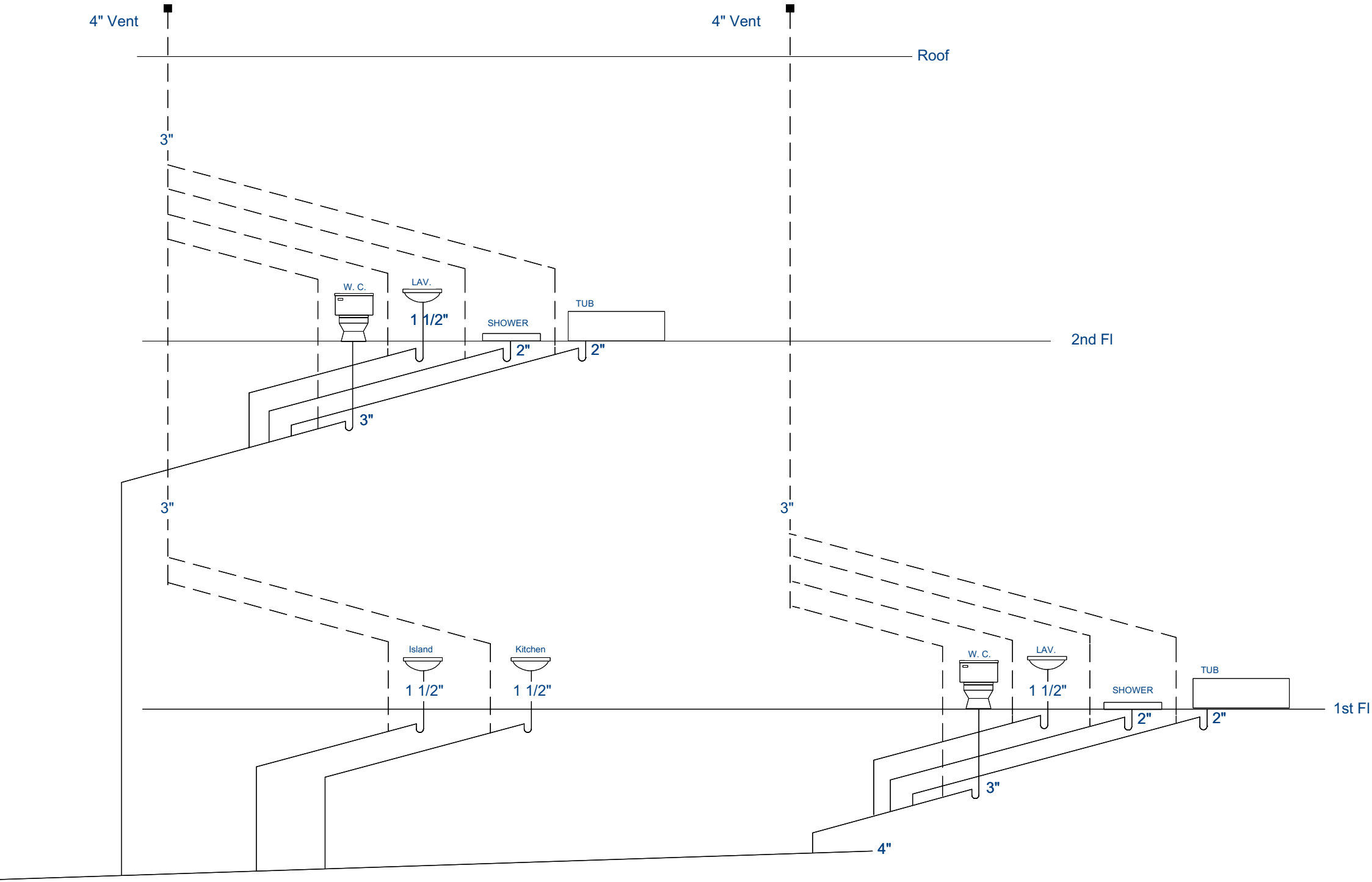
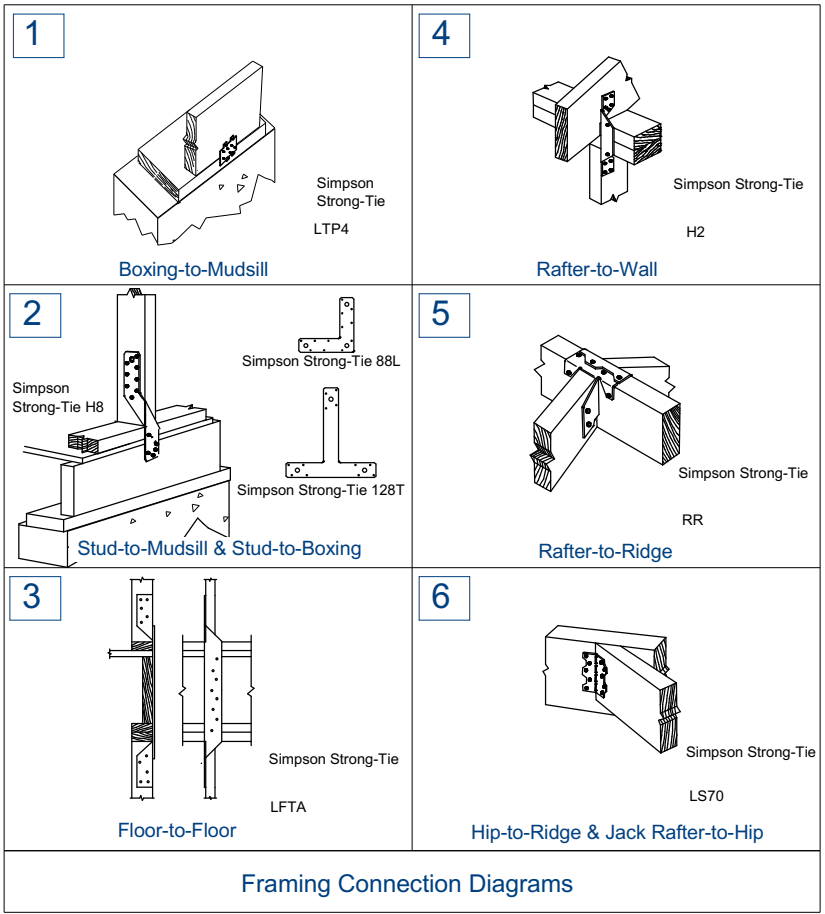
PREScriptive DESIGN REQUIREMENTS FOR WIND LOAD PROTECTION

GLAZING:  
GLAZING PROTECTION SHALL COMPLY WITH REQUIREMENTS OF THE EXCEPTION OF IRC SECTION R301.2.1.2 PROTECTION OF OPENINGS AND TABLE R301.2.1.2.  
(PLYWOOD STORM PANELS >= 7/16" TO BE PROVIDED FOR ALL NEW GLAZED OPENINGS)

FRAMING GRADES:  
ALL FRAMING MEMBERS TO BE 1.6E SOLID SAWN DOUGLAS FIR #2 UNLESS OTHERWISE SPECIFIED.

STRAPPING/ANCHORING STEPS:  
1 - ALL *BOTTOM-SHOE-TO-FOUNDATION* CONNECTIONS AND/OR *MUDSILL-TO-FOUNDATION* CONNECTIONS WILL BE ATTACHED AT 4' O.C. USING 5/8" X 12" ANCHOR BOLTS. ADDITIONAL ANCHOR BOLTS SHALL BE PROVIDED AT 8" FROM EACH SIDE OF CORNERS AND OPENINGS.  
2 - ALL *BOXING-TO-MUDSILL* CONNECTIONS WILL BE ATTACHED AS PER DIAGRAM #1 BELOW. ATTACHMENTS WILL BE MADE AT EACH ANCHOR BOLT AS PER STEP 1.  
3 - ALL *STUD-TO-MUDSILL* AND/OR *STUD-TO-BOXING* CONNECTIONS WILL BE ATTACHED AS PER DIAGRAM #2 BELOW. ALTERNATIVELY, CONNECTIONS CAN BE MADE USING SIMPSON STRONG-TIE 128T (TEE STRAPS) OR 88L (L STRAPS). ATTACHMENTS WILL BE MADE DIRECTLY ABOVE (I.E. AT THE SAME FREQUENCY) THE ANCHOR BOLTS AS PER STEP 1.  
4 - ALL *FLOOR-TO-FLOOR* CONNECTIONS WILL BE ATTACHED AS PER DIAGRAM #3 BELOW. ATTACHMENTS WILL BE MADE DIRECTLY ABOVE (I.E. AT THE SAME FREQUENCY) THE ANCHOR BOLTS AS PER STEP 1, WHEREVER POSSIBLE. IF CONDITIONS (E.G. OPENINGS) PREVENT DIRECT ALIGNMENT, THEN FOLLOW THE FREQUENCY GUIDELINES DEFINED IN STEP 1.  
5 - ALL *RAFTER-TO-WALL* CONNECTIONS WILL BE ATTACHED AS PER DIAGRAM #4 BELOW. ATTACHMENTS WILL BE MADE AT EACH RAFTER.  
6 - ALL *RAFTER-TO-RIDGE* CONNECTIONS WILL BE ATTACHED AS PER DIAGRAM #5 BELOW. ATTACHMENTS WILL BE MADE AT EACH RAFTER.  
7 - ALL *HIP-RAFTER-TO-RIDGE* AND *JACK-RAFTER-TO-HIP* CONNECTIONS WILL BE ATTACHED AS PER DIAGRAM #6 BELOW. ATTACHMENTS WILL BE MADE AT EACH RAFTER.

SHEATHING NAILING:  
ALL WALL AND ROOF SHEATHING TO BE NAILED 6" O.C. USING 8D GALV RING-SHANK NAILS. ALL FLOOR SHEATHING TO BE GLUED (CONST ADHESIVE) AND NAILED 6" O.C. USING 8D GALV NAILS.



Plumbing Riser Diagram

ABBREVIATIONS COMMONLY USED:

A.F.F. - ABOVE FINISHED FLOOR  
ALUM. - ALUMINUM  
& - AND  
@ - AT  
BLDG. - BUILDING  
CMU - CONCRETE MASONRY UNIT  
CONC. - CONCRETE  
DBL. - DOUBLE  
EA. - EACH  
ELEC. - ELECTRICAL  
E.P.S. - EXPANDED POLYSTYRENE  
EXT. - EXTERIOR  
F.D. - FLOOR DRAIN  
FT. - FEET  
GA. - GAUGE  
GALV. - GALVANIZED  
GWB - GYPSUM WALL BOARD  
H. - HIGH  
HORIZ. - HORIZONTAL  
I.D. - INSIDE DIAMETER  
INSUL. - INSULATION  
INT. - INTERIOR  
L - LENGTH, LONG  
LAV. - LAVATORY  
MACH. - MACHINE  
MAX. - MAXIMUM  
MFR. - MANUFACTURER  
MIN. - MINIMUM  
M.P.H. - MILES PER HOUR  
MTL. - METAL  
NEO. - NEOPRENE  
N.I.C. - NOT IN CONTRACT  
O.C. - ON CENTER  
O.D. - OUTSIDE DIAMETER  
OPP. - OPPOSITE  
PLAS. LAM. - PLASTIC LAMINATE  
PLYWD. - PLYWOOD  
P.S.F. - POUNDS PER SQUARE FOOT  
P.S.I. - POUNDS PER SQUARE INCH  
P.T. - PRESSURE TREATED  
REINF. - REINFORCING  
R.O. - ROUGH OPENING  
RUN. - RUNNER  
SHT. - SHEET  
SHTNG. - SHEATHING  
SIM. - SIMILAR  
S-N-L - SNAP-N-LOCK  
S.M.S. - SHEET METAL SCREW  
SPECS - SPECIFICATIONS  
S.S. - STAINLESS STEEL  
STL. - STEEL  
T&G - TONGUE AND GROOVE  
TYP. - TYPICAL  
U.O.N. - UNLESS OTHERWISE NOTED  
VERT. - VERTICAL  
V.I.F. - VERIFY IN FIELD  
W/ - WITH  
W.C. - WATER CLOSET  
WD. - WOOD  
W.H. - WATER HEATER  
W/O - WITHOUT  
W.W.F. - WELDED WIRE FABRIC

GENERAL STRUCTURAL GUIDELINES:

A. FOUNDATIONS

- 1 MAXIMUM PRESUMPTIVE ALLOWABLE SOIL BEARING PRESSURE FOR NEW FOOTINGS = 2,000 PSF.
- 2 FOOTING EXCAVATIONS AND FORMS SHALL BE REVIEWED BY GENERAL CONTRACTOR PRIOR TO PLACING CONCRETE.
- 3 BOTTOM OF FOOTINGS SHALL BE LOWERED WHEN DIRECTED BY THE GENERAL CONTRACTOR TO REACH FIRM, UNDISTURBED SOIL.
- 4 SEE ARCHITECTURAL DRAWINGS (FLOOR PLANS AND SECTIONS) FOR LOCATION OF PARTITION FOOTINGS AND THICKENED OR DEPRESSED SLABS NOT DIMENSIONS ON THE STRUCTURAL DRAWINGS.
- 5 ALL FILL INSIDE BUILDING SHALL BE SELECTED MATERIAL FREE FROM ROOTS, TRASH, WOOD SCRAPS AND OTHER EXTRANEIOUS MATERIALS. PLACE FILL IN LIFTS NOT EXCEEDING 8 INCHES AND COMPACT EACH LIFT TO 98% DENSITY AT OPTIMUM MOISTURE CONTENT AS MEASURED BY ASTM D698 AND 95% AS MEASURE BY ASTM D-1157.
- 6 FOOTING ELEVATIONS SHALL NOT BE RAISED OR LOWERED WITHOUT APPROVAL OF THE ENGINEER.
- 7 FOUNDATION SUBGRADE PREPARATION SHALL BE IN ACCORDANCE TO GEOTECHNICAL ENGINEERING REPORT.
- 8 CHANGES IN LEVEL FOOTINGS MUST BE KEPT WITHIN THE SAFE ANGLE OF REPOSE OF THE SOIL (ONE VERTICAL TO TWO HORIZONTAL)
- 9 DO NOT BACKFILL BASEMENT OR RETAINING WALLS WITHOUT AUTHORIZATION OF THE ENGINEER. FLOOR SLABS PROVIDING SUPPORT FOR SUCH WALLS MUST BE IN PLACE PRIOR TO BACKFILLING OR DIAGONAL BRACING MUST BE PROVIDED TO HOLD THE FULL FORCE OF THE BACKFILL UNTIL THE FLOOR SLABS HAVE ATTAINED FULL STRENGTH.
- 10 THE GENERAL CONTRACTOR MUST ADEQUATELY PROTECT WALLS, PIERS, ETC. FROM DAMAGE DUE TO BACKFILLING.
- 11 THE GENERAL CONTRACTOR MUST PREVENT THE FOUNDATIONS FROM BEING PUT IN JEOPARDY FROM THE EXCAVATIONS FOR UTILITIES, ETC.
- 12 WHERE PIPES PASS THROUGH NEW WALLS, DROP FOOTINGS SO THAT PIPES PASS OVER THE TOP OF THE FOOTINGS.
- 13 DEWATERING PROCEDURES, IF REQUIRED, SHALL NOT DISTURB THE SOIL STRUCTURE.
- 14 THE GENERAL CONTRACTOR SHALL EMPLOY ALL MEANS NECESSARY TO ENSURE THAT THE STRUCTURAL INTEGRITY OF ANY AND ALL ADJACENT STRUCTURES WILL NOT BE COMPROMISED.

B. CONCRETE

- 1 ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS FOLLOWS:
  - 1 FLOOR SLABS, WALLS 4,000 PSI
  - 2 ALL OTHER CONCRETE WORK 3,000 PSI
- 2 ALL CONCRETE WORK SHALL CONFORM TO ACI 318 AND ACI 301.
- 3 CONCRETE FLOOR SLAB CONSTRUCTION SHALL CONFORM TO ACI302JR. FLOOR SLABS SHALL BE CLASS 2.
- 4 PROVIDE CONSTRUCTION OR CONTROL JOINTS IN SLABS AT LOCATIONS SHOWN ON DRAWINGS, AT OFFSETS AND CHANGES IN DIRECTION AND AT 30 FEET MAXIMUM.
- 5 CONCRETE SHALL BE CURED A MINIMUM OF 7 DAYS BY ONE OR MORE METHODS SPECIFIED IN CHAPTER 12 OF ACI 301.
- 6 SEE ARCHITECTURAL FINISH SCHEDULE FOR REQUIRED FLOOR FINISHES.
- 7 PLACE 1/2" EXPANSION JOINT MATERIAL BETWEEN EDGES OF SLABS AND VERTICAL SURFACES UNLESS OTHERWISE NOTED.

C. REINFORCING STEEL

- 1 BARS SHALL BE ROLLED FROM NEW BILLET-STEEL CONFORMING TO ASTM A615, GRADE 60.
- 2 WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 OR ASTM A447.
- 3 DETAIL AND FABRICATE REINFORCING STEEL IN ACCORDANCE WITH "ACI DETAILING MANUAL", PUBLICATION SP-66.
- 4 REINFORCING STEEL SHALL BE REVIEWED BY THE GENERAL CONTRACTOR PRIOR TO PLACING CONCRETE.
- 5 PROVIDE BARS AT CORNERS AND INTERSECTIONS OF THE SAME NUMBER AND SIZE AS LONGITUDINAL BARS IN FOOTINGS

D. STRUCTURAL STEEL

- 1 ALL STRUCTURAL STEEL CONFORMS TO ASTM A992 Fy = 50 KSI.
- 2 STRUCTURAL STEEL TUBE SHALL CONFORM TO ASTM A500 GR B (Fy = 46 KSI)
- 3 STEEL WORK SHALL CONFORM TO "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS - ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN", OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. LATEST EDITION, INCLUDING ALL SUPPLEMENTS AND THE "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" LATEST EDITION.
- 4 CONNECTION BOLTS SHALL BE 3/4" DIAMETER CONFORMING TO ASTM A325, TYPE X. INSTALL EACH BOLT WITH A HARDENED WASHER UNDER THE NUT OR HEAD, WHICHEVER IS TURNED FOR TIGHTENING. ALL CONNECTION BOLTS ARE REQUIRED TO BE "SNUG TIGHT" ONLY UNLESS OTHERWISE NOTED.
- 5 OVERSIZE HOLES AND SLOTTED HOLES SHALL NOT BE USED FOR BOLTED CONNECTIONS ON THIS PROJECT EXCEPT AT LOCATIONS NOTED ON THE DRAWINGS.
- 6 ALL WELDS SHALL BE E70XX AND ALL WELDING SHALL BE BY WELDERS AND WELDING OPERATORS WHO HAVE BEEN PREVIOUSLY QUALIFIED BY TESTS AS PRESCRIBED BY THE "STRUCTURAL WELDING CODE" AWS D1.1 OF THE AMERICAN WELDING SOCIETY TO PERFORM THE TYPES OF WELDS REQUIRED ON THIS PROJECT.
- 7 ANCHOR BOLT LENGTHS SHOWN ON THE DRAWINGS SHALL INCLUDE HOOKS OF NOT LESS THAN 3 INCHES IN LENGTH UON ON THE DRAWINGS. PROVIDE ONE NUT AND ONE WASHER WITH EACH ANCHOR BOLT UNLESS OTHERWISE NOTED. COLUMNS TO BE ERECTED AND LEVELED WITH LEVELING SHIMS, LEVELING NUTS ARE PROHIBITED.
- 8 ALL STRUCTURAL STEEL SHALL BE GIVEN ONE SHOP COAT OF PAINT OF NOT LESS THAN 2.0 MILS DRY FILM THICKNESS CONFORMING TO STEEL STRUCTURAL PAINTING COUNCIL SSPC PAINT 2, 13 OR 14. CLEAN (WIRE BRUSH) AND SPOT PAINT ALL FIELD WELDS, FIELD CUT EDGES AND SERIOUS ABRASIONS TO THE SHOP COAT WITH PRIMER PAINT.
- 9 BEAMS AND LINTELS SHALL BEAR 8 INCHES MINIMUM ON MASONRY UNLESS OTHERWISE NOTED.

E. GROUT

- 1 PROVIDE NON-SHRINK GROUT UNDER ALL COLUMN BASE PLATES OR BEAM BEARING PLATES.
- 2 NON-SHRINK GROUT SHALL CONFORM TO CORPS OF ENGINEERS SPECIFICATION CRD-C 621.
- 3 GROUT SHALL BE NON-METALLIC AND NON-STAINING.

Design: Webb Builders, Inc.  
Engineering: A. S. Engineering Services, P.C.  
516-482-9502 631-560-0254

Title: Danilovich Residence Addition

Title: Prescriptive Design

DATE:

6/15/2018

SCALE:

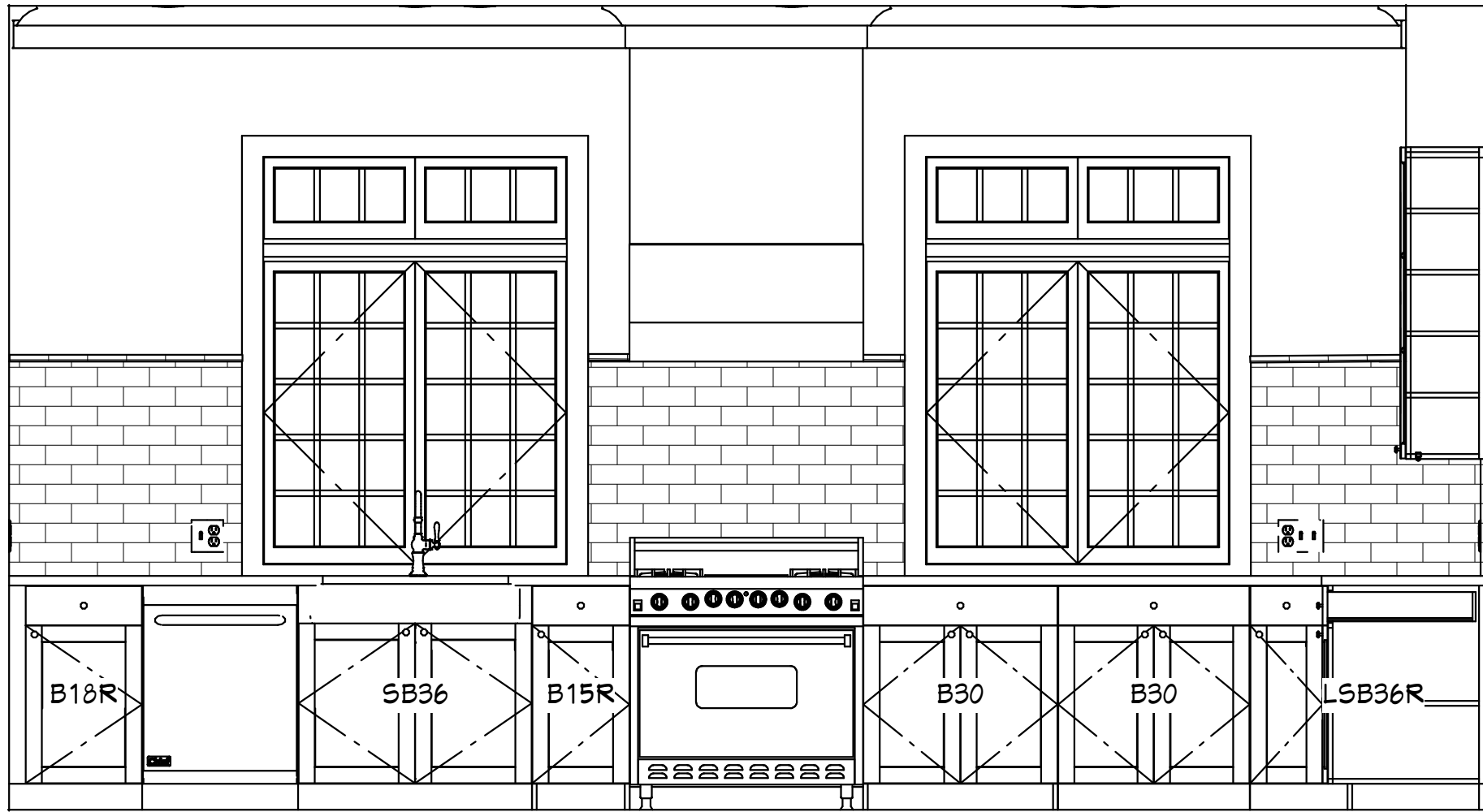
SHEET:

A-400

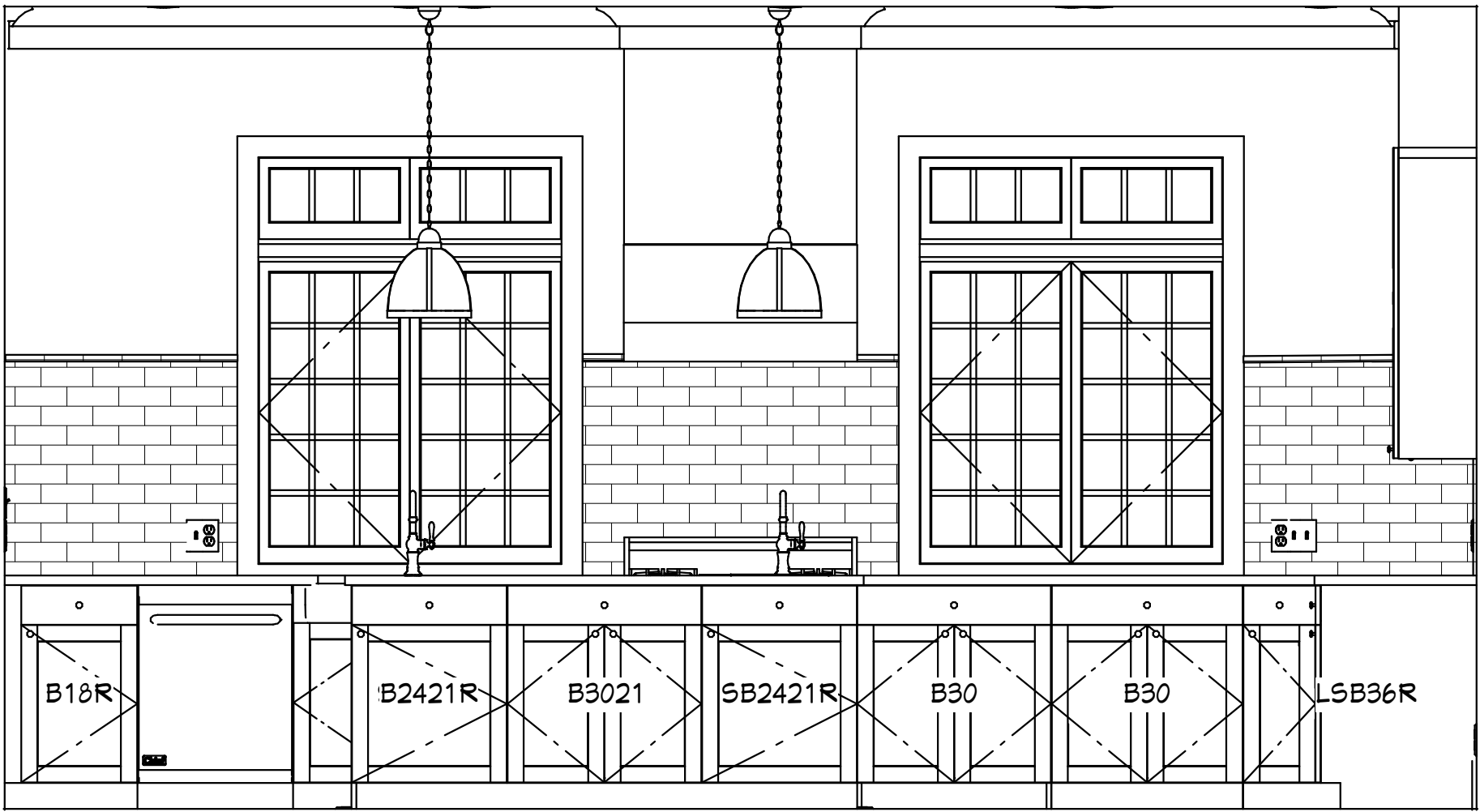
Recent Revision History

REV	DATE	DESCRIPTION
5.2	4/11/18	Typo
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
5.7	6/15/18	Load & Schedule Details

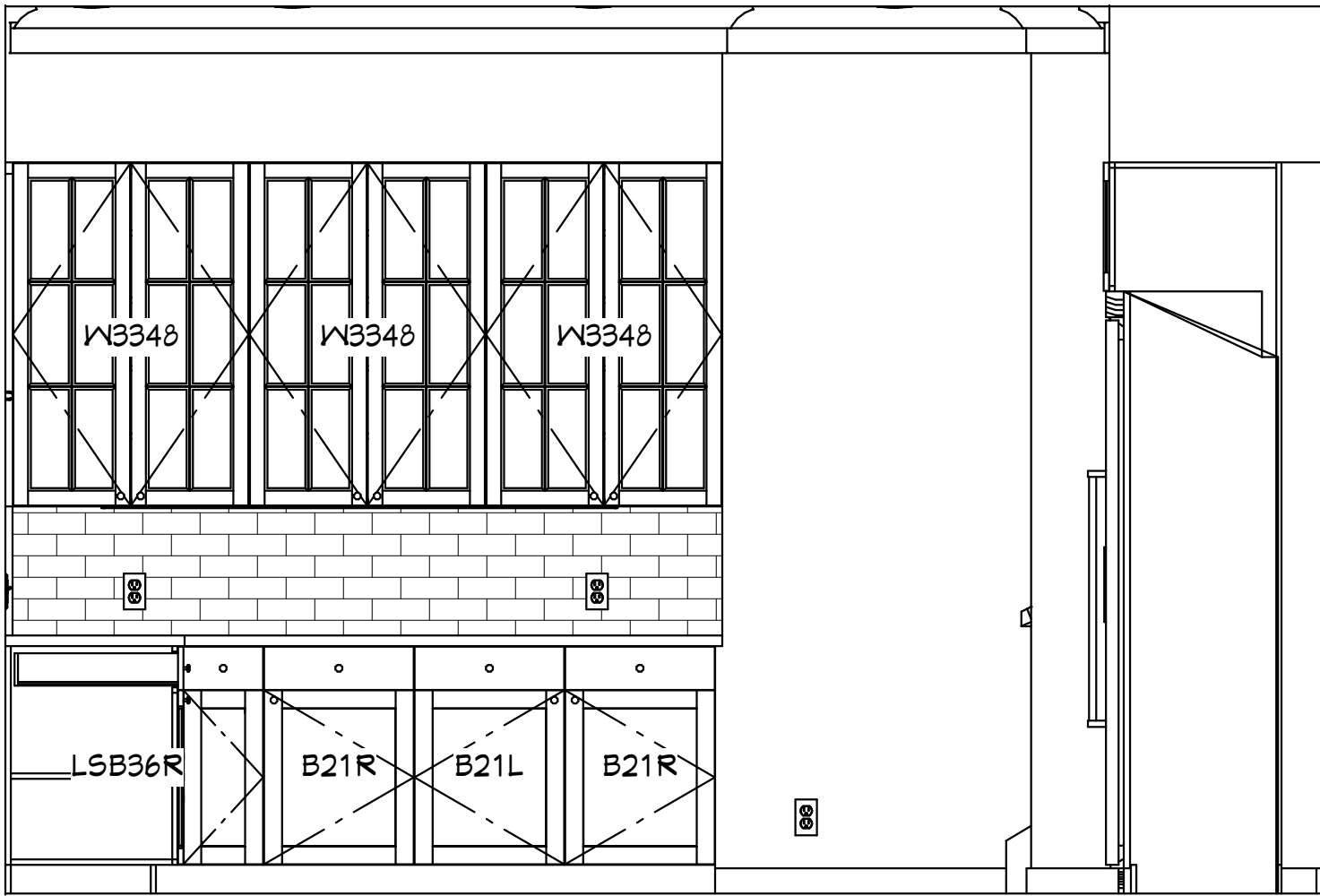




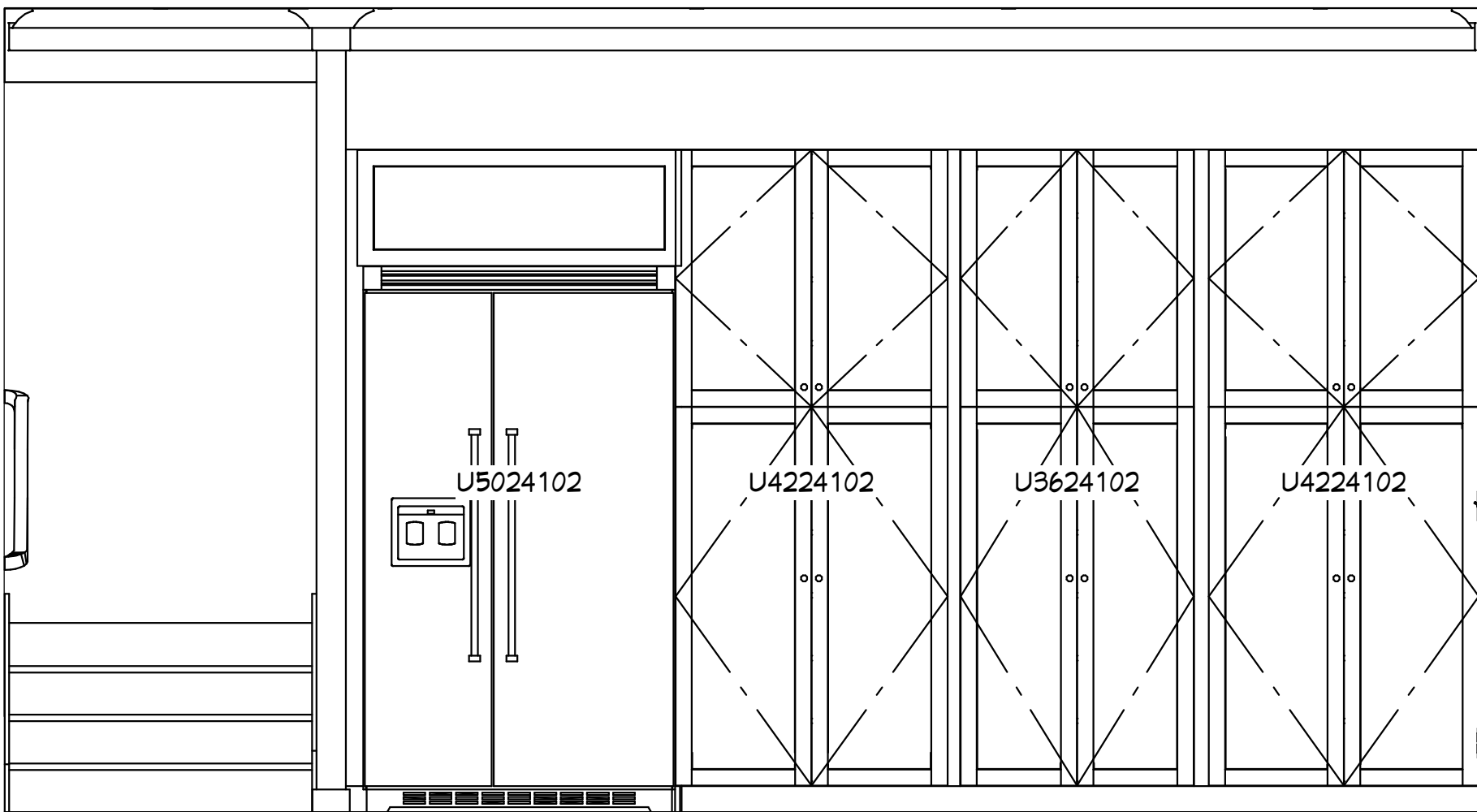
Elevation 1



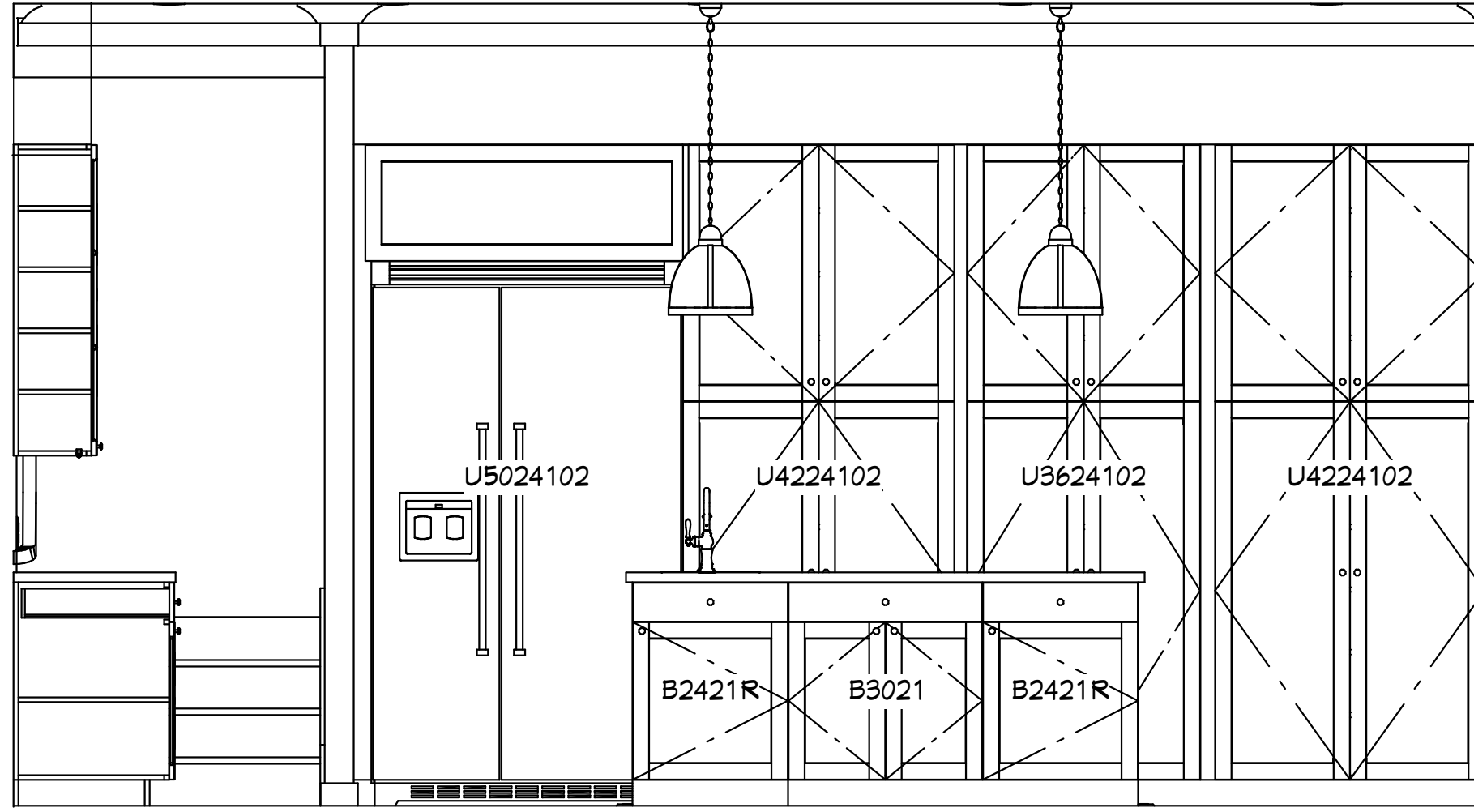
Elevation 1-Island



Elevation 2



Elevation 3



Elevation 3-Island

Recent Revision History		
REV	DATE	DESCRIPTION
5.2	4/11/18	Typo
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
5.7	6/15/18	Load & Schedule Details

Design: **Webb Builders, Inc.**  
516-482-9502

Engineering: **A. S. Engineering Services, P.C.**  
631-560-0259

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**Danilovich Residence Addition**

**Interior Elevations**

Title:

DATE:

6/15/2018

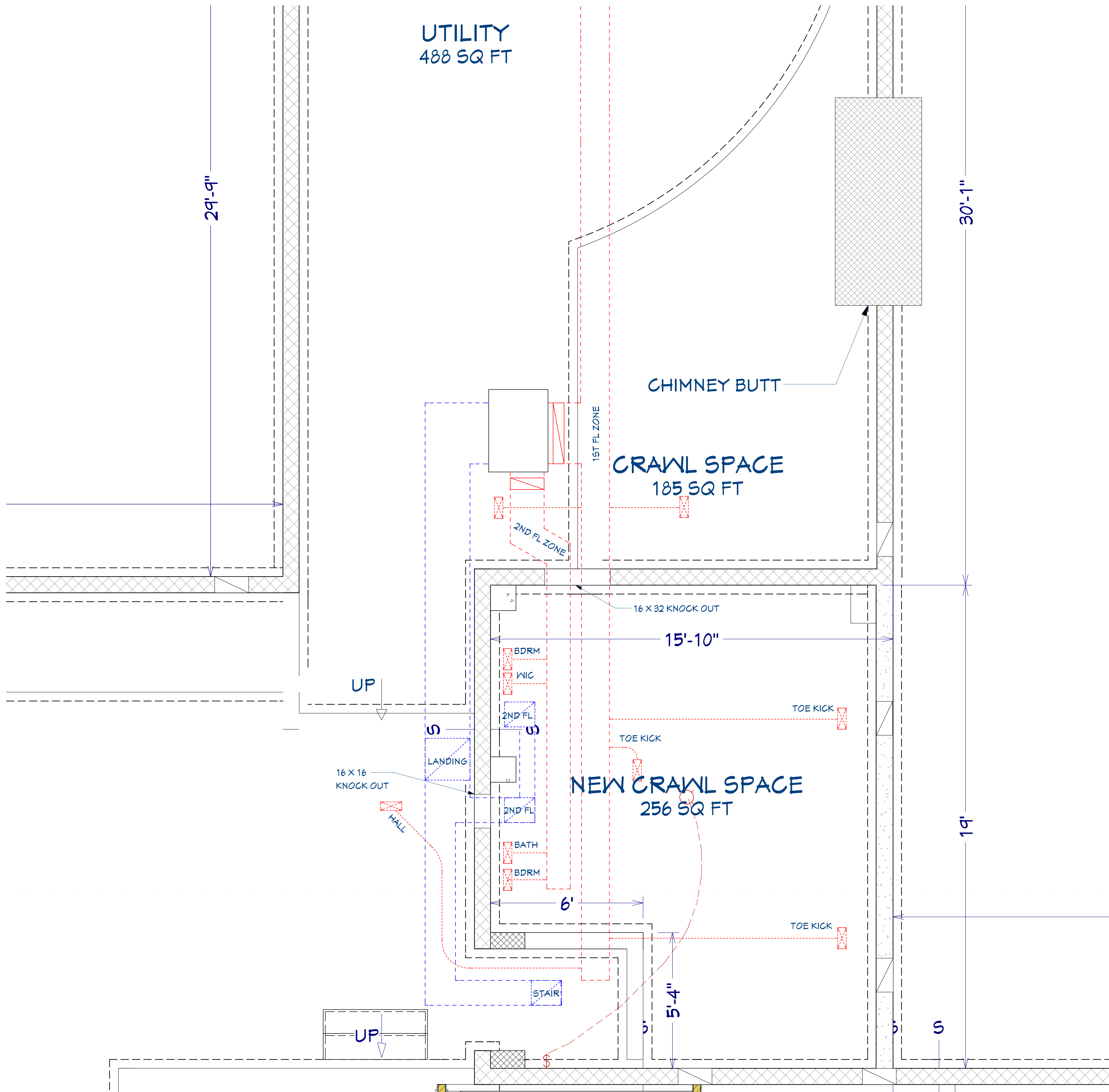
SCALE:

1/2" = 1'

SHEET:

**A-401**





Foundation

All dimensions to be verified in field

Note: 100% scale when printed on ARCH D. 50% scale on ARCH B.

REV	DATE	DESCRIPTION
5.2	4/11/18	Typo
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
5.7	6/15/18	Load & Schedule Details

REV	DATE	DESCRIPTION
5.2	4/11/18	Typo
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
5.7	6/15/18	Load & Schedule Details

Design:	Engineering:
Webb Builders, Inc.	A. S. Engineering Services, P.C.
516-482-9502	631-560-0259

Danilovich Residence Addition
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Foundation Details, Mechanical, Electrical
--------------------------------------------

DATE:
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6/15/2018
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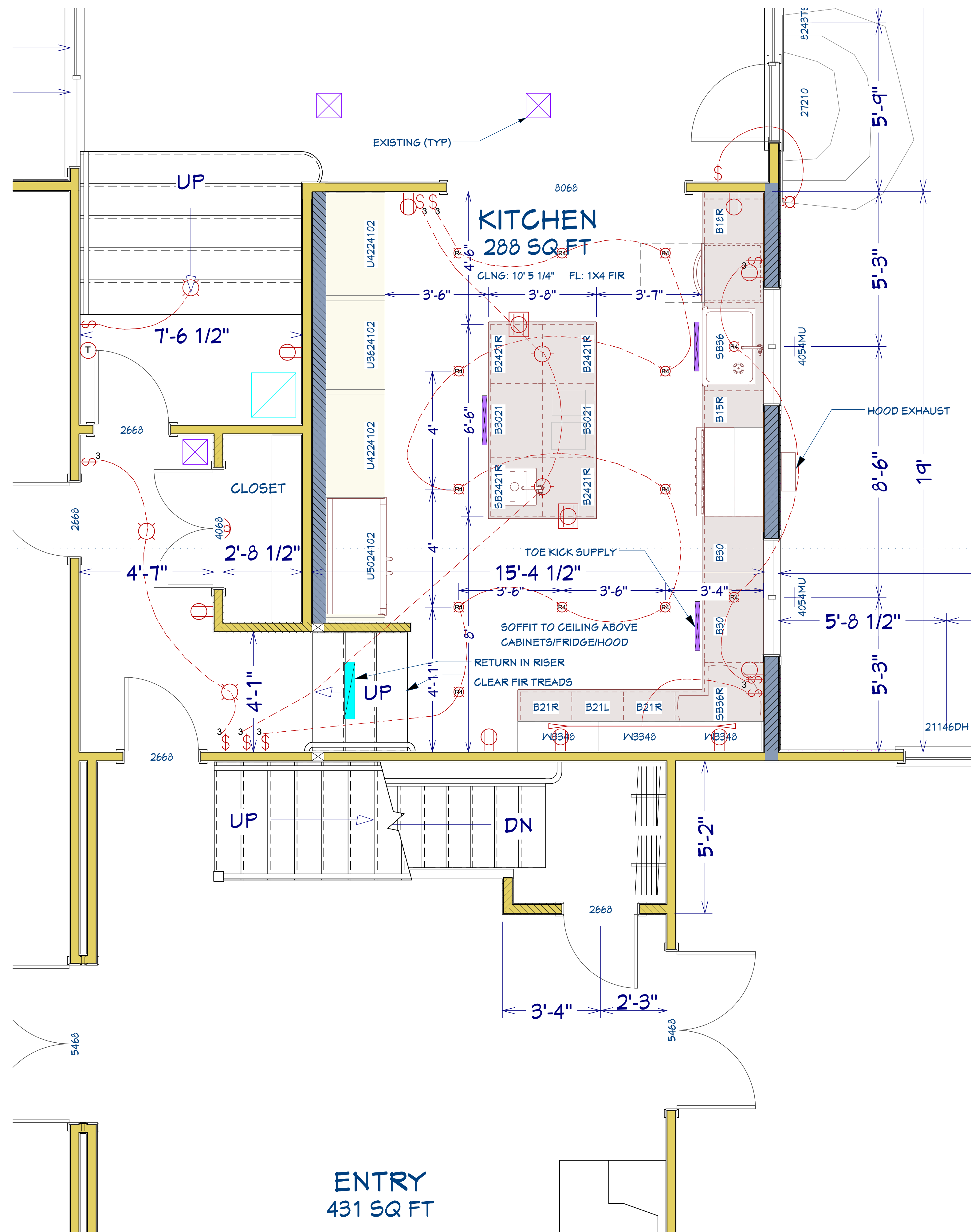
SCALE:
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1/2" = 1'
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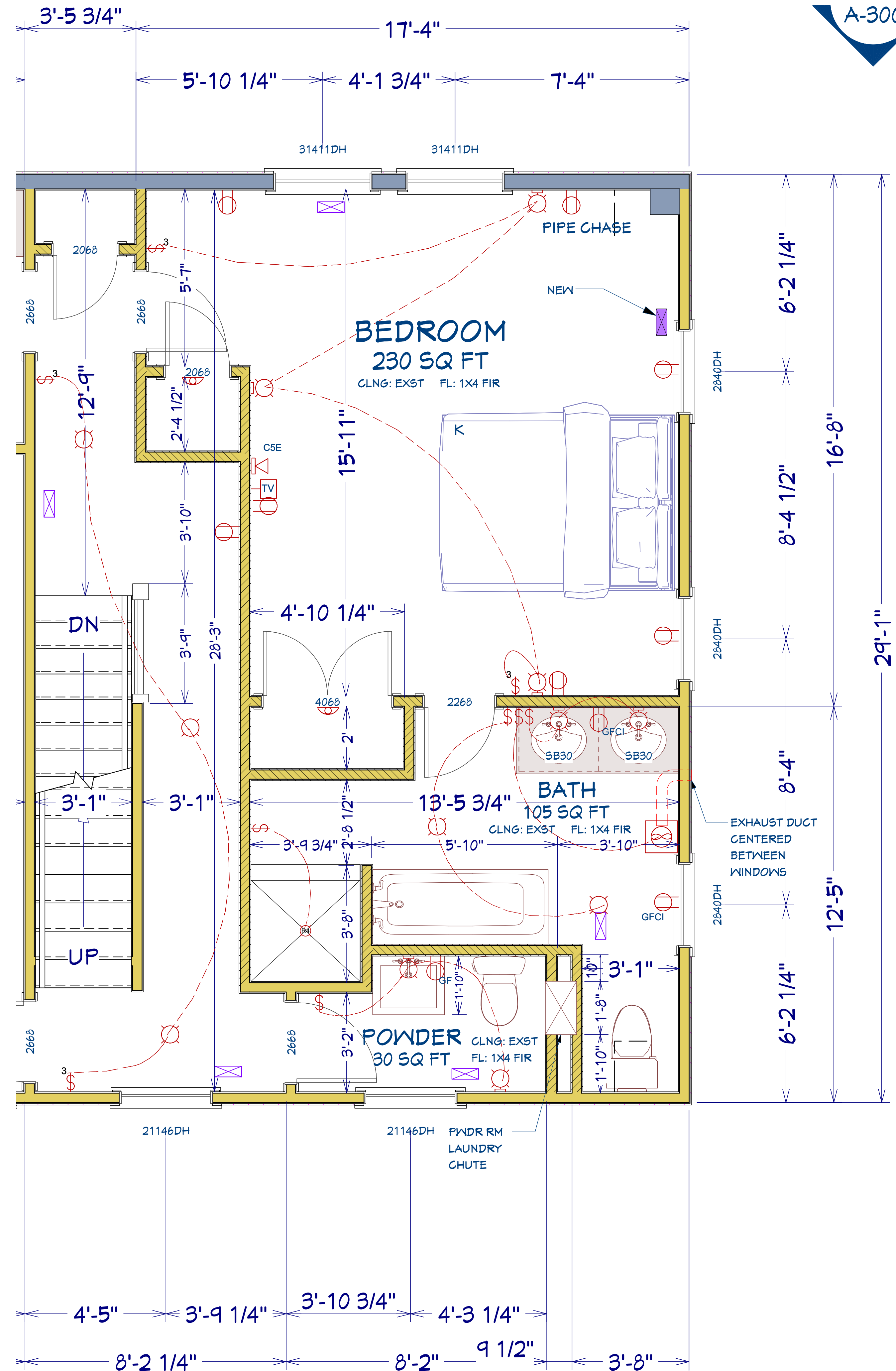
SHEET:
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E-100
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New Addition: Kitchen



Renovation: Guest Bedroom Suite (Former Kitchen)

All dimensions to be verified in field

Note: 100% scale when printed on ARCH D. 50% scale on ARCH B.

A-300

Recent Revision History	
REV	DATE
5.2	4/11/18
5.3	4/12/18
5.4	4/20/18
5.5	4/27/18
5.6	6/2/18
5.7	6/15/18

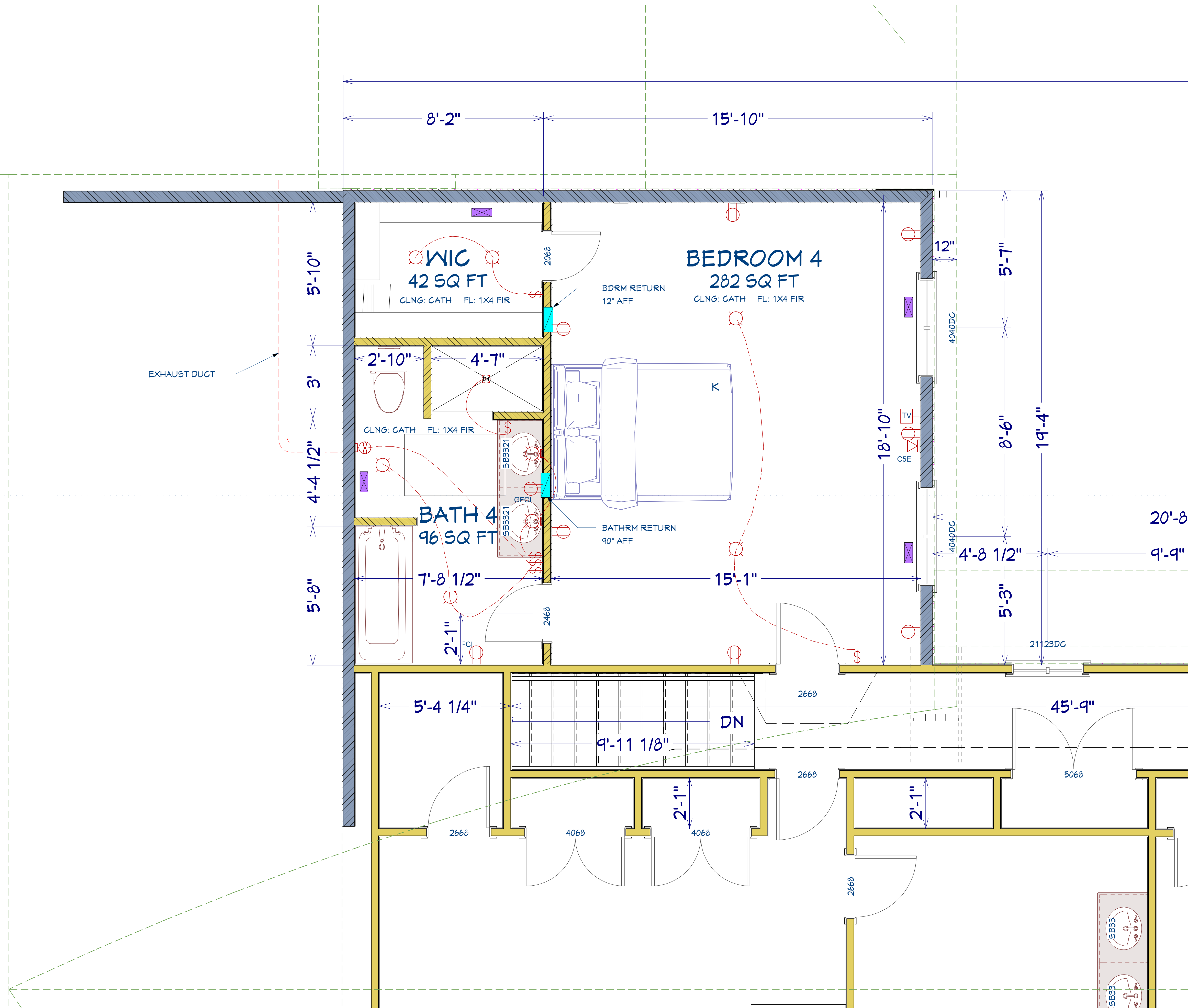
DESIGN DESCRIPTION	
5.2	Existing roof truss
5.3	Existing roof truss
5.4	Structural details
5.5	Building Permit Set
5.6	Load Details
5.7	Load & Schedule Details

Engineering:	
Design:	Webb Builders, Inc.
Engineer:	A. S. Engineering Services, P.C.
Project:	631-560-0259
Sheet:	516-482-9502

Title:	
1st Floor Details,	Danilovich Residence
Mechanical, Electrical	Addition

DATE:	
6/15/2018	
SCALE:	
1/2" = 1'	
SHEET:	
E-101	





New Addition: Guest Bedroom Suite

All dimensions to be verified in field

Note: 100% scale when printed on ARCH D. 50% scale on ARCH B.

Design:  
**Webb Builders, Inc.**  
516-482-9502

Engineering:  
**A. S. Engineering Services, P.C.**  
631-560-0254

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2nd Floor Details,  
Mechanical, Electrical

Danilovich Residence  
Addition

Title:

DATE:  
6/15/2018

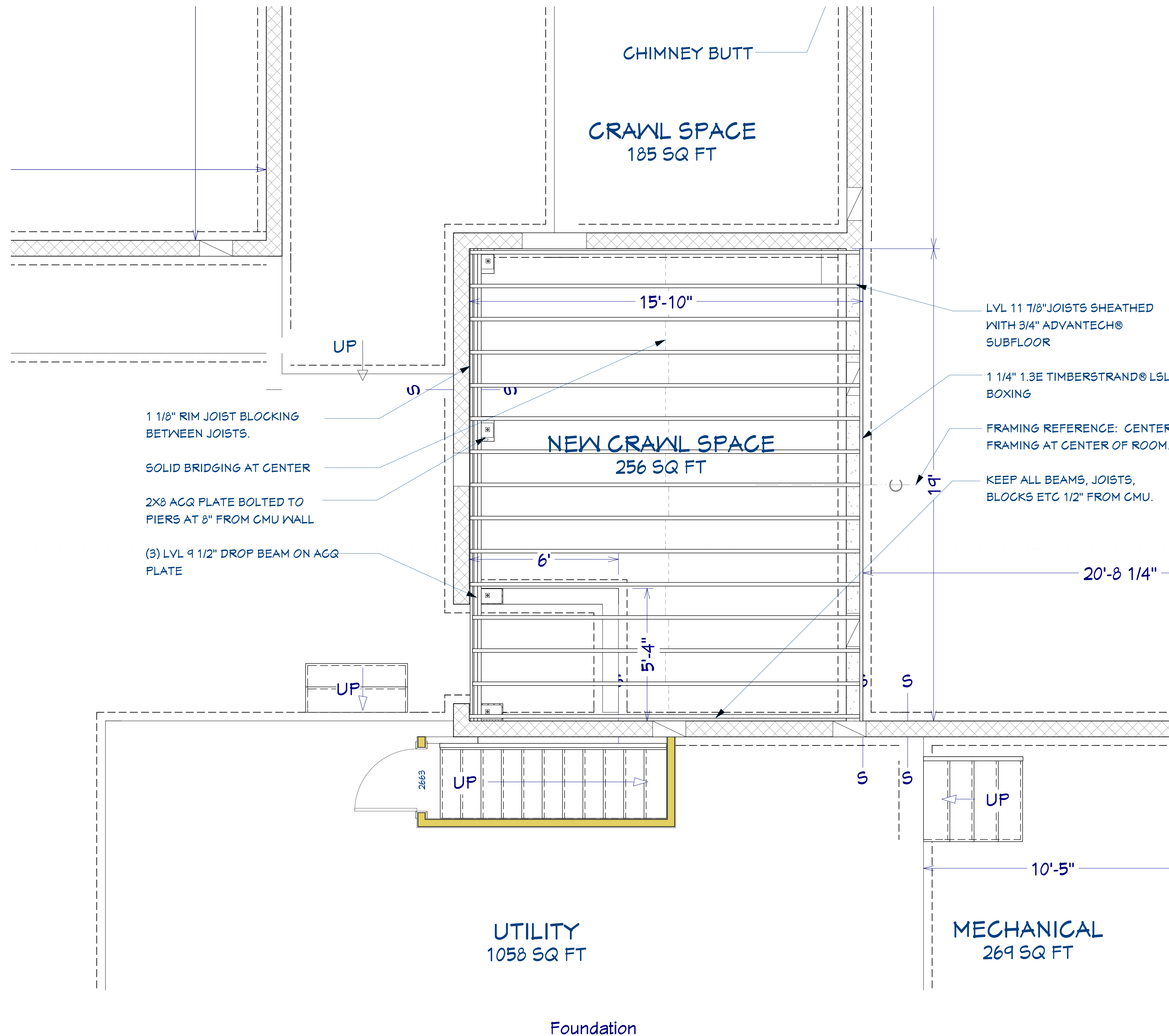
SCALE:  
1/2" = 1'

SHEET:  
**E-102**

Recent Revision History

REV	DATE	DESCRIPTION
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5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
5.7	6/15/18	Load & Schedule Details





All dimensions to be verified in field

Note: 100% scale when printed on ARCH D. 50% scale on ARCH B.

Recent Revision History		
REV	DATE	DESCRIPTION
5.2	4/11/18	Typo
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
5.7	6/15/18	Load & Schedule Details

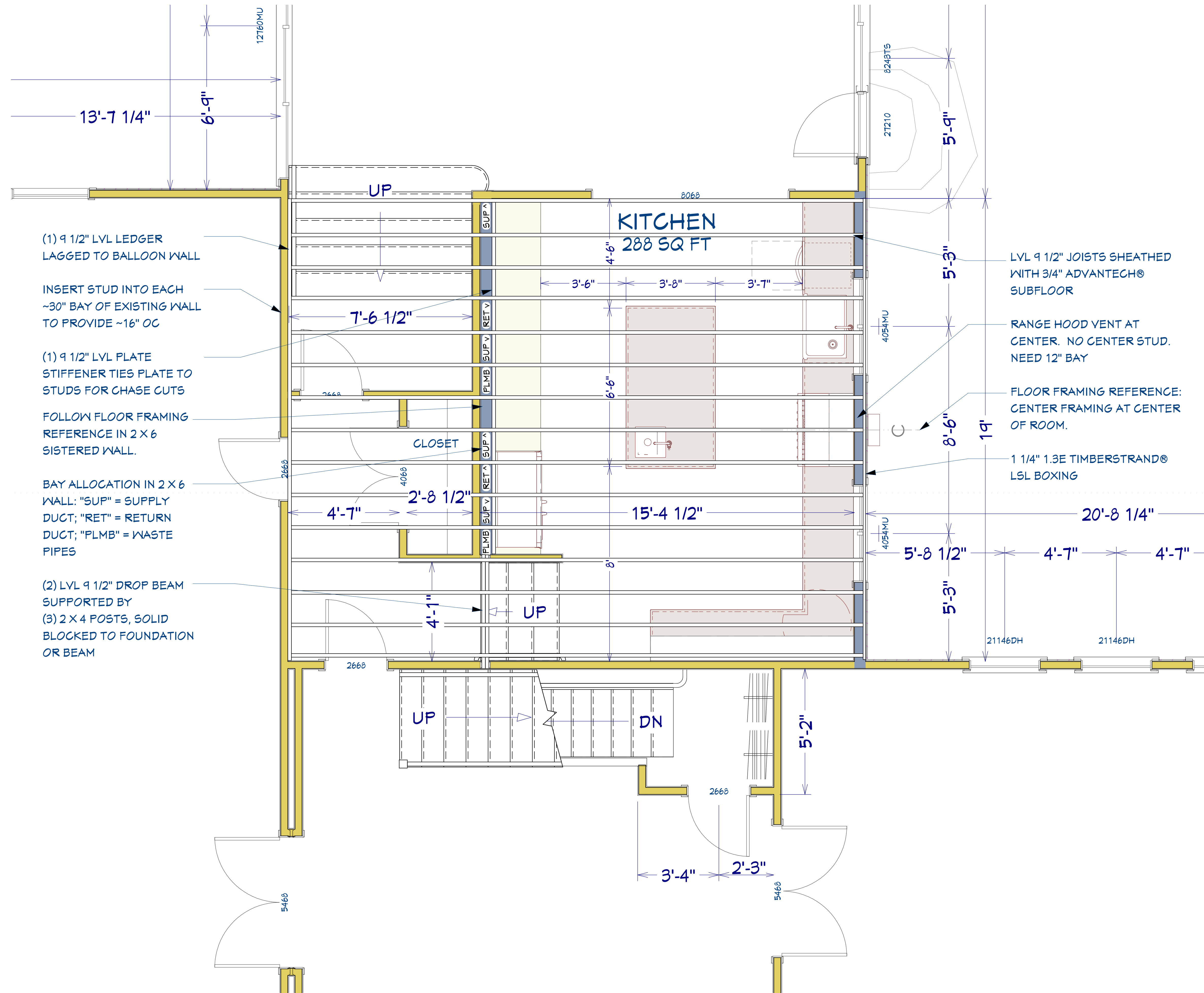
Design:	Engineering:
Webb Builders, Inc.	A. S. Engineering Services, P.C.
516-482-9502	631-560-0259

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Title:	Framing: 1st Floor
DATE:	6/15/2018
SCALE:	1/2" = 1'
SHEET:	F-100

Danilovich Residence Addition





1st Floor

All dimensions to be verified in field

Note: 100% scale when printed on ARCH D. 50% scale on ARCH B.

Recent Revision History		
REV	DATE	DESCRIPTION
5.2	4/11/18	TUGO
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
5.7	6/15/18	Load & Schedule Details

Design:	Engineering:
	A. S. Engineering Services, P.C.
Webb Builders, Inc.	631-560-0254
516-482-9502	

Danilovich Residence  
Addition

Framing: 2nd Floor

Title:

DATE:

6/15/2018

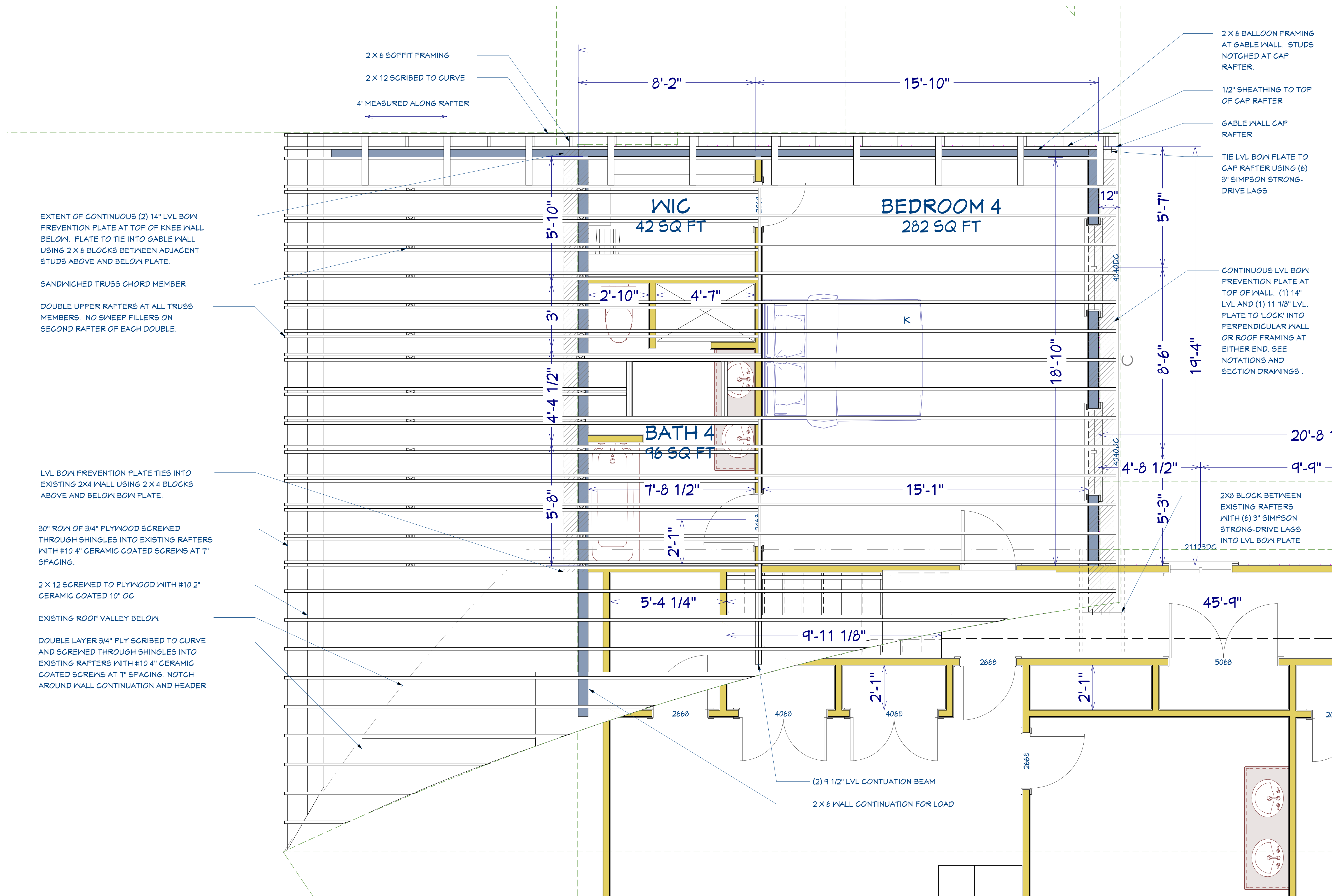
SCALE:

1/2" = 1'

SHEET:

F-101





2nd Floor

All dimensions to be verified in field

Note: 100% scale when printed on ARCH D. 50% scale on ARCH B.

Recent Revision History		
REV	DATE	DESCRIPTION
5.2	4/11/18	Typo
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
5.7	6/15/18	Load & Schedule Details

Design:	Engineering:
Webb Builders, Inc.	A. S. Engineering Services, P.C.
516-482-9502	631-560-0254

Danilovich Residence Addition	
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Title: Framing: Roof	
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DATE:
6/15/2018

SCALE:
1/2" = 1'

SHEET:
F-102







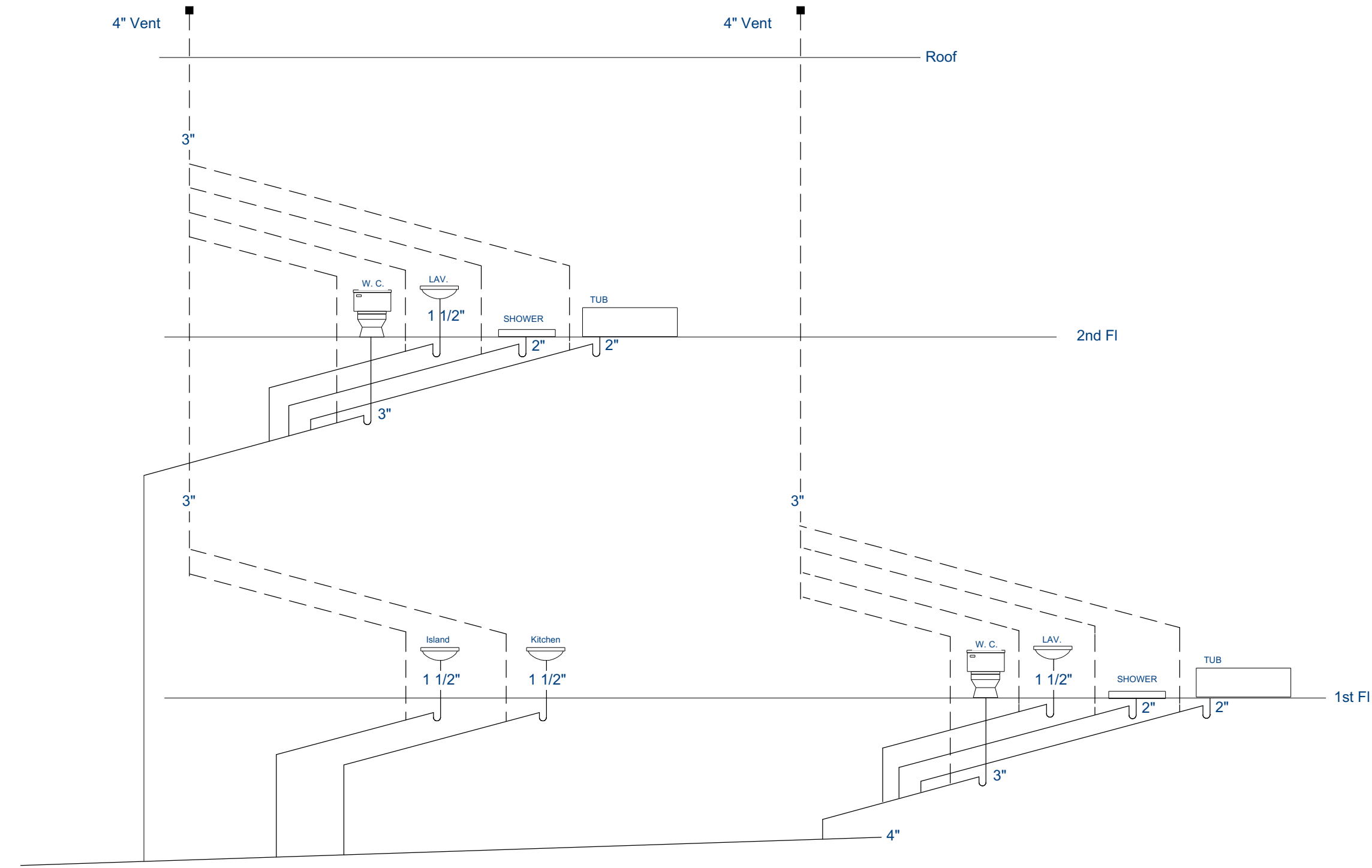
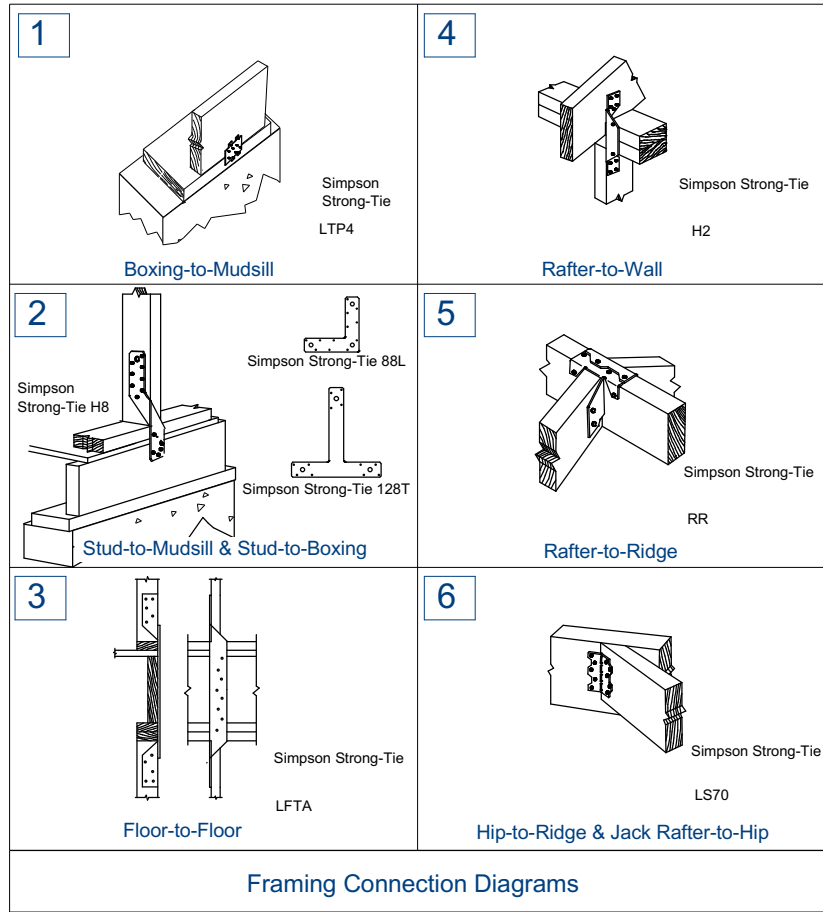
PRESCRIPTIVE DESIGN REQUIREMENTS FOR WIND LOAD PROTECTION

GLAZING:  
GLAZING PROTECTION SHALL COMPLY WITH REQUIREMENTS OF THE EXCEPTION OF IRC SECTION R301.2.1.2 PROTECTION OF OPENINGS AND TABLE R301.2.1.2.  
(PLYWOOD STORM PANELS >= 7/16" TO BE PROVIDED FOR ALL NEW GLAZED OPENINGS)

FRAMING GRADES:  
ALL FRAMING MEMBERS TO BE 1.6E SOLID SAWN DOUGLAS FIR #2 UNLESS OTHERWISE SPECIFIED.

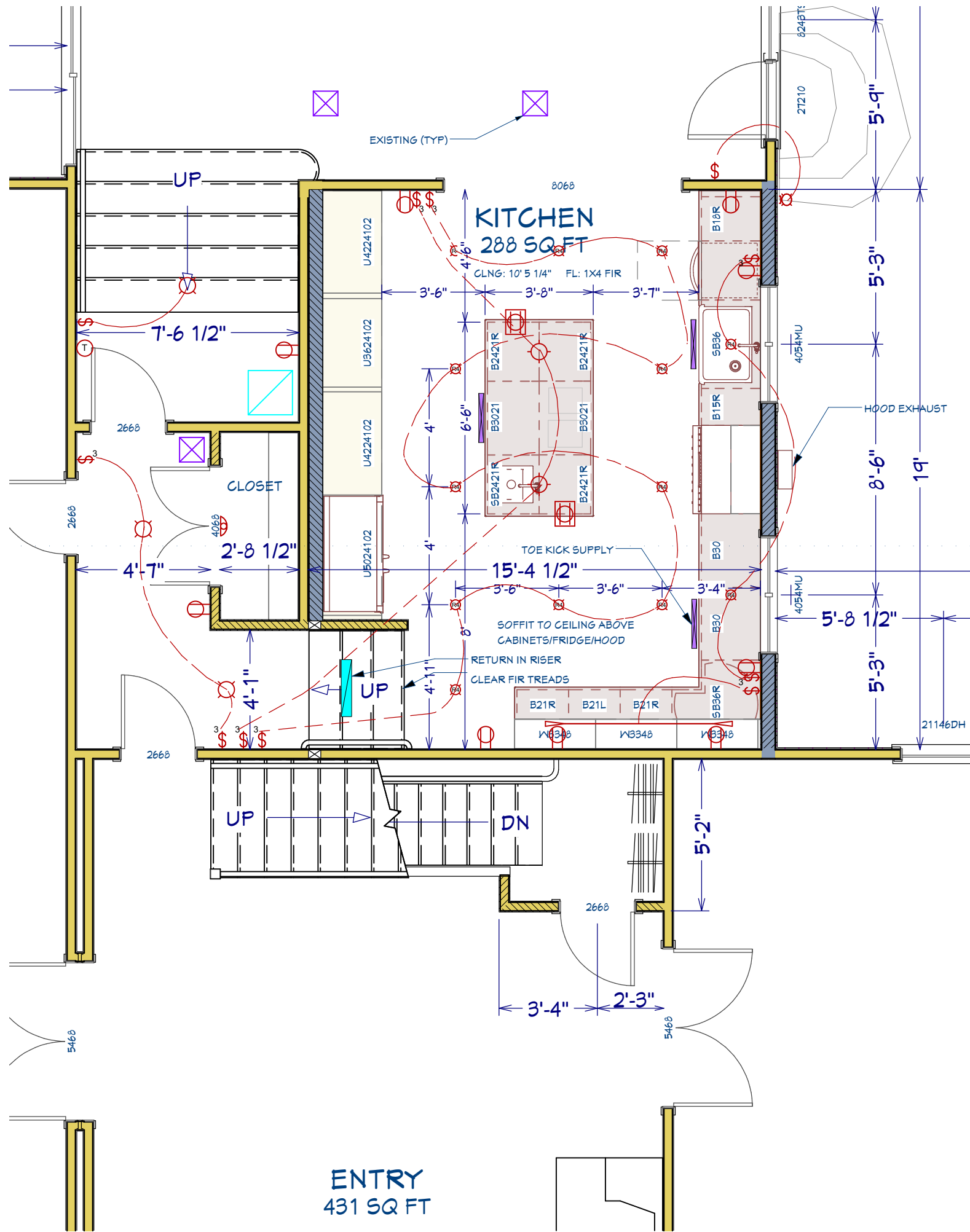
STRAPPING/ANCHORING STEPS:  
1 - ALL *BOTTOM-SHOE-TO-FOUNDATION* CONNECTIONS AND/OR *MUDSILL-TO-FOUNDATION* CONNECTIONS WILL BE ATTACHED AT 4' O.C. USING 5/8" X 12" ANCHOR BOLTS. ADDITIONAL ANCHOR BOLTS SHALL BE PROVIDED AT 8" FROM EACH SIDE OF CORNERS AND OPENINGS.  
2 - ALL *BOXING-TO-MUDSILL* CONNECTIONS WILL BE ATTACHED AS PER DIAGRAM #1 BELOW. ATTACHMENTS WILL BE MADE AT EACH ANCHOR BOLT AS PER STEP 1.  
3 - ALL *STUD-TO-MUDSILL* AND/OR *STUD-TO-BOXING* CONNECTIONS WILL BE ATTACHED AS PER DIAGRAM #2 BELOW. ALTERNATIVELY, CONNECTIONS CAN BE MADE USING SIMPSON STRONG-TIE 128T (TEE STRAPS) OR 88L (L STRAPS). ATTACHMENTS WILL BE MADE DIRECTLY ABOVE (I.E. AT THE SAME FREQUENCY) THE ANCHOR BOLTS AS PER STEP 1.  
4 - ALL *FLOOR-TO-FLOOR* CONNECTIONS WILL BE ATTACHED AS PER DIAGRAM #3 BELOW. ATTACHMENTS WILL BE MADE DIRECTLY ABOVE (I.E. AT THE SAME FREQUENCY) THE ANCHOR BOLTS AS PER STEP 1, WHEREVER POSSIBLE. IF CONDITIONS (E.G. OPENINGS) PREVENT DIRECT ALIGNMENT, THEN FOLLOW THE FREQUENCY GUIDELINES DEFINED IN STEP 1.  
5 - ALL *RAFTER-TO-WALL* CONNECTIONS WILL BE ATTACHED AS PER DIAGRAM #4 BELOW. ATTACHMENTS WILL BE MADE AT EACH RAFTER.  
6 - ALL *RAFTER-TO-RIDGE* CONNECTIONS WILL BE ATTACHED AS PER DIAGRAM #5 BELOW. ATTACHMENTS WILL BE MADE AT EACH RAFTER.  
7 - ALL *HIP-RAFTER-TO-RIDGE* AND *JACK-RAFTER-TO-HIP* CONNECTIONS WILL BE ATTACHED AS PER DIAGRAM #6 BELOW. ATTACHMENTS WILL BE MADE AT EACH RAFTER.

SHEATHING NAILING:  
ALL WALL AND ROOF SHEATHING TO BE NAILED 6" O.C. USING 8D GALV RING-SHANK NAILS. ALL FLOOR SHEATHING TO BE GLUED (CONST ADHESIVE) AND NAILED 6" O.C. USING 8D GALV NAILS.

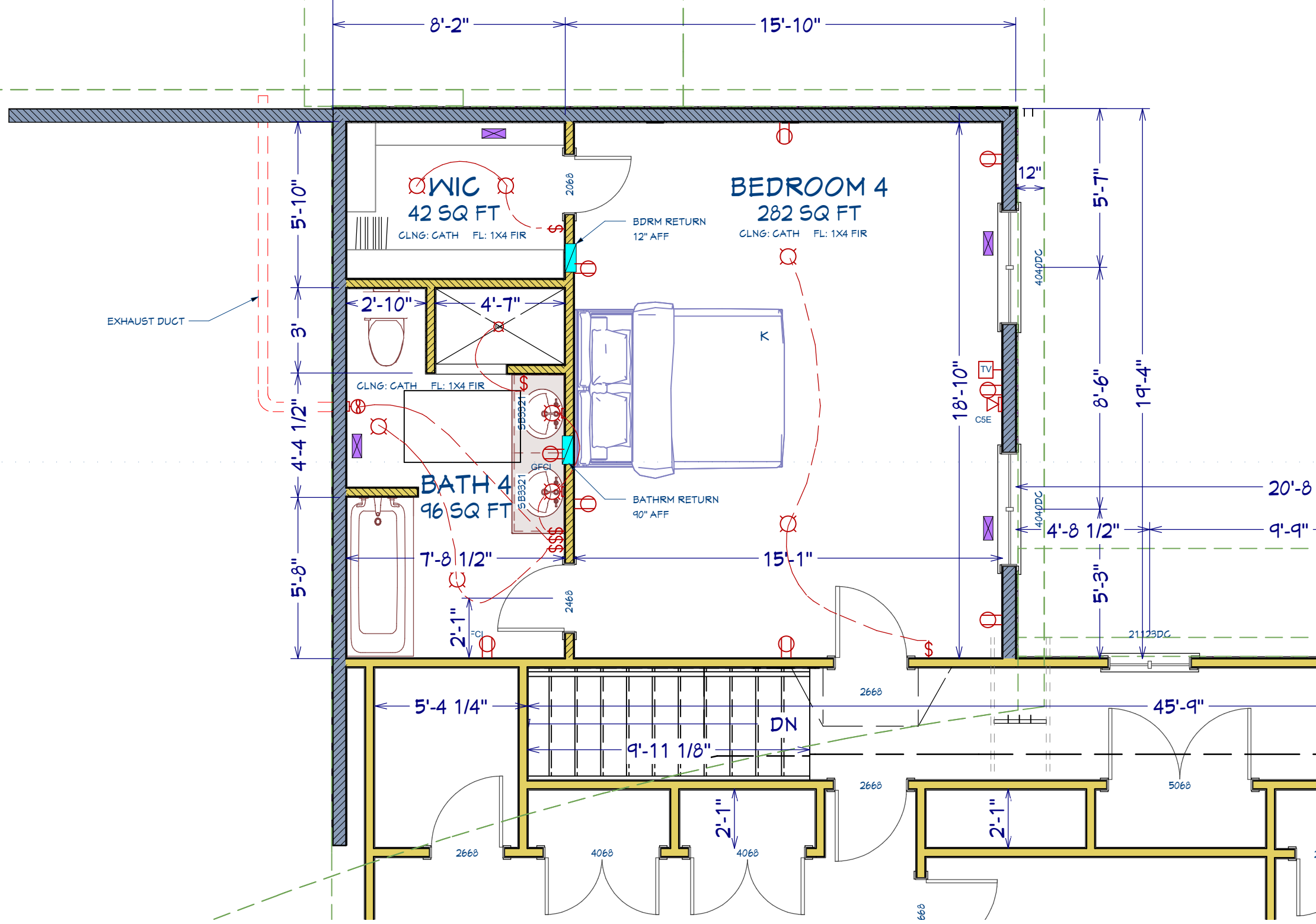


Plumbing Riser Diagram

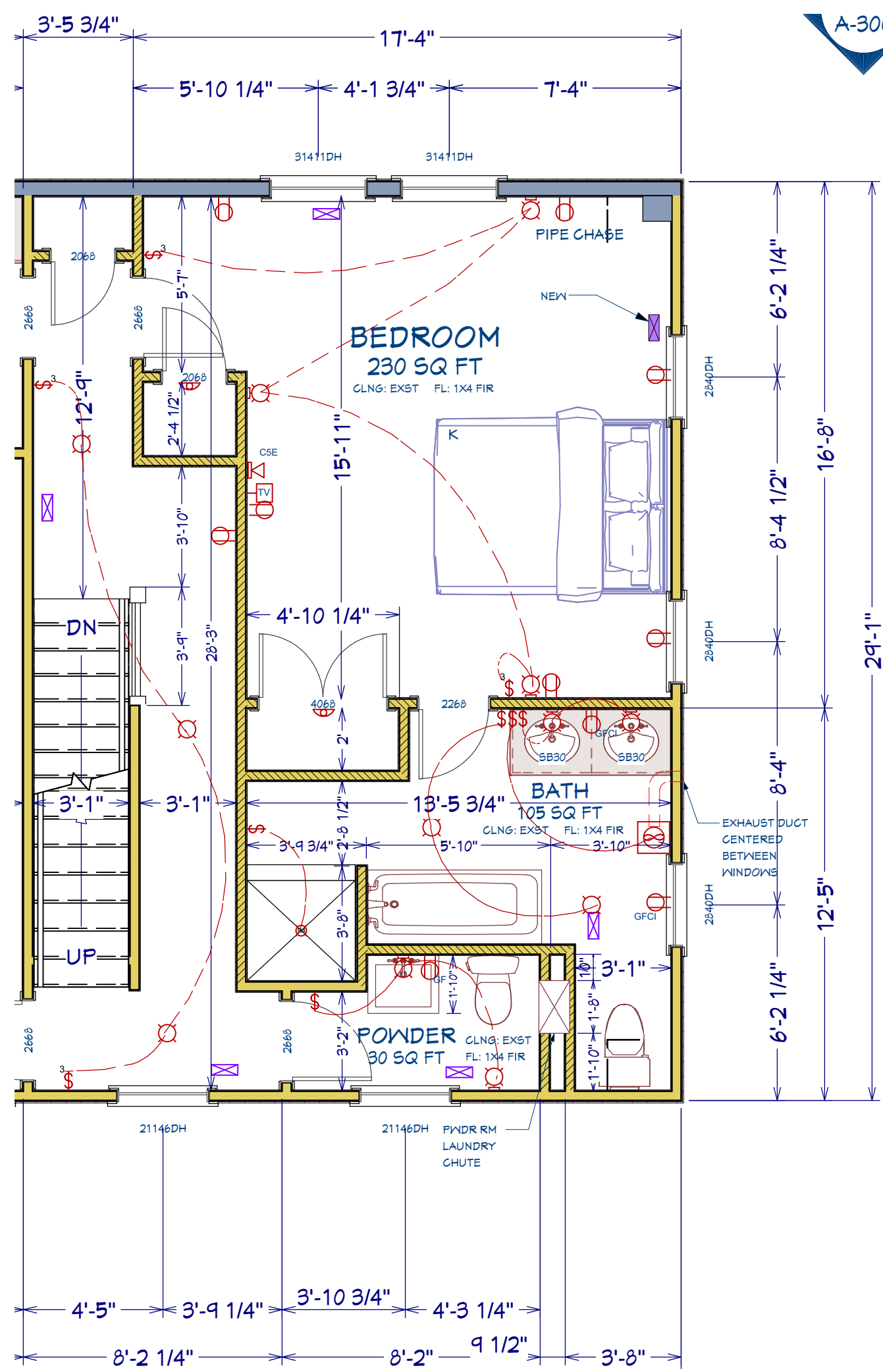
WINDOW SCHEDULE									
NUMBER	LABEL	QTY	FLOOR	SIZE	WIDTH	HEIGHT	R/O	EGRESS	DESCRIPTION
W01	4054MU	2	1	4054	48"	64"	49"X65"		MULLED UNIT W/TRANSOM
W02	4040DC	2	2	4040	48"	48"	49"X49"	YES	DBL CASEMENT
W03	YSE M06	1	R	26310	30"	46"	301/16"X45 3/4"		MOTORIZED SKYLIGHT
									MANUFACTURER
									MARVIN
									MARVIN
									VELUX



New Addition: Kitchen



New Addition: Guest Bedroom Suite



Renovation: Guest Bedroom Suite (Former Kitchen)

REV	DATE	DESCRIPTION
5.2	4/11/18	TUO
5.3	4/12/18	Existing roof truss
5.4	4/20/18	Structural details
5.5	4/27/18	Building Permit Set
5.6	6/2/18	Load Details
5.7	6/15/18	Load & Schedule Details

Design:	Engineering:
Webb Builders, Inc.	A. S. Engineering Services, P.C.
516-482-9502	631-560-0254

Danilovich Residence Addition	
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Electrical & Details	
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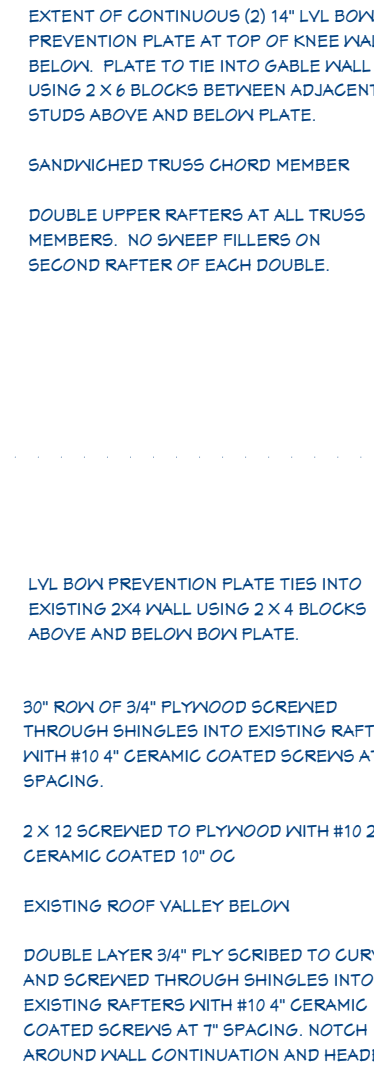
DATE:
6/15/2018

SCALE:
1/4" = 1'

SHEET:
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E-001
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## 1st Floor