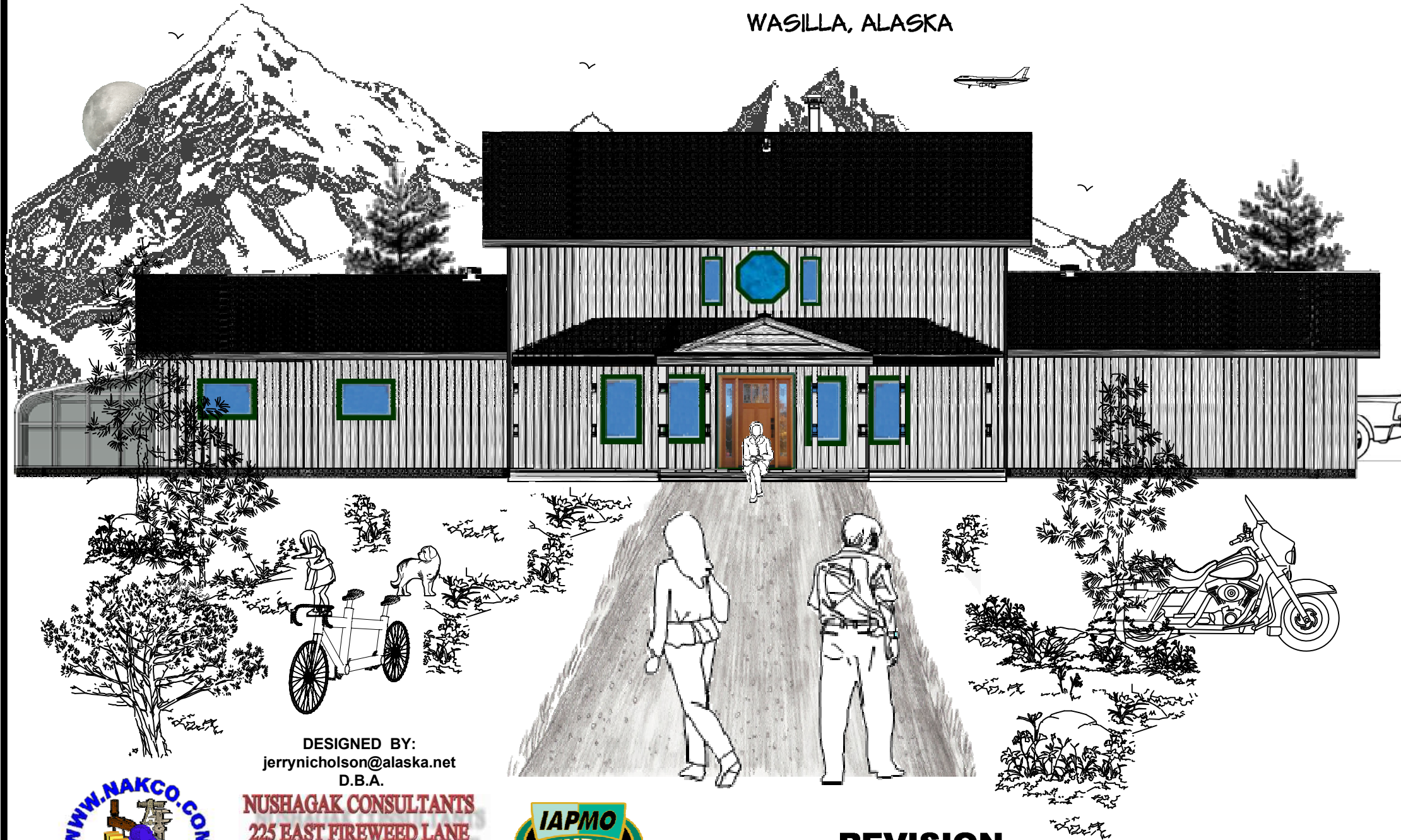


CONCEPT & AS-BUILT DRAWINGS

FOR A 5,232 SQ FT RESIDENTIAL TWO STORY HOME

OWNER: JIMMY JOE & MONICA JAMES

WASILLA, ALASKA



ITEM	DRAWING INDEX
A0	FIRST & SECOND FLOOR PLAN
A1	AS-BUILT & DESIGN FIRST FLOOR PLAN *
A1A	FIRST FLOOR AS-BUILT MEASUREMENTS
A2	SECOND FLOOR PLAN AS-BUILT EXISTING
A2A	SECOND FLOOR AS BUILT MEASUREMENTS
A2B	SECOND FLOOR AS-BUILT PHOTOS
A3	LAUNDRY ROOM DETAILS & ELEVATION
A4	KITCHEN FLOOR PLAN LAYOUT/DETAILS
A4A	KITCHEN ELVEVATIONS & COUNTER DETAIL
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A5B	POWDER ROOM CABINET ELEVATIONS
A5C	MASTER BATHROOM CABINETS/ELEVATIONS
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S1A	1 ST FLOOR AS-BUILT PHOTOS *
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S2	GARAGE FRONT SHEAR TRANSFER
S2A	GARAGE SIMPSON STRONG-WALL
S3	GARAGE THICKEN EDGE SLAB/INSULATION
S4	POURED CONCRETE FOUNDATION DETAILS *
S5	U SHAPE STAIRS 1 ST TO 2 ND FLOOR DETAILS
S6	MASTER BEDROOM & GARAGE ROOF DETAILS *

DESIGNED BY:
jerrynicholson@alaska.net
D.B.A.



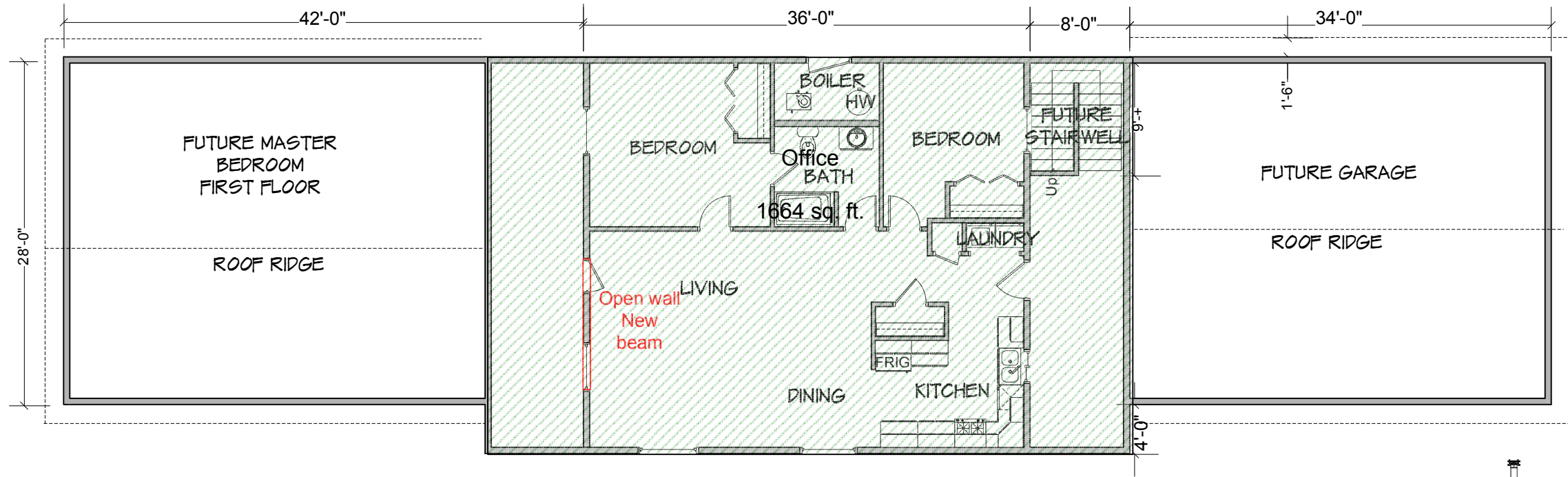
NUSHAGAK CONSULTANTS
225 EAST FIREWEED LANE
ANCHORAGE, ALASKA 99503
907 277 1864



REVISION
JULY 16, 2018

* DENOTES REVISION

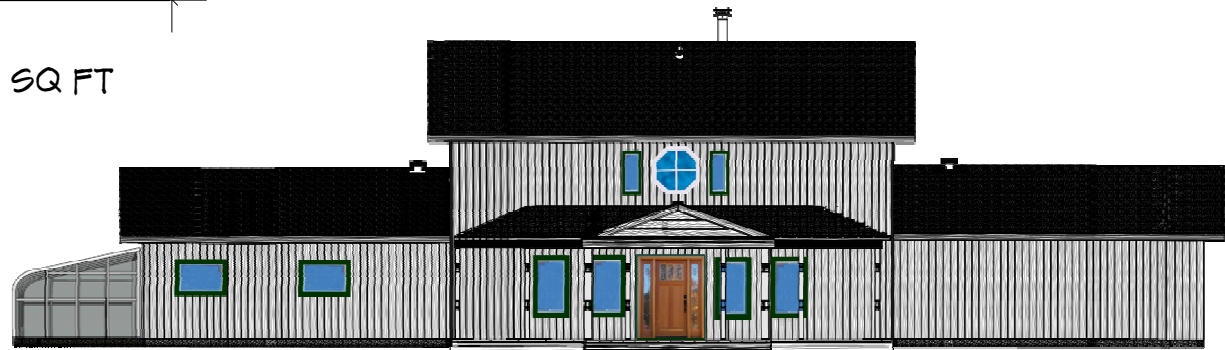
Note: Building elevation depicted on this cover sheet is not to scale and does not delineate all details. Its only purpose is to demonstrate the concept of the finished building.



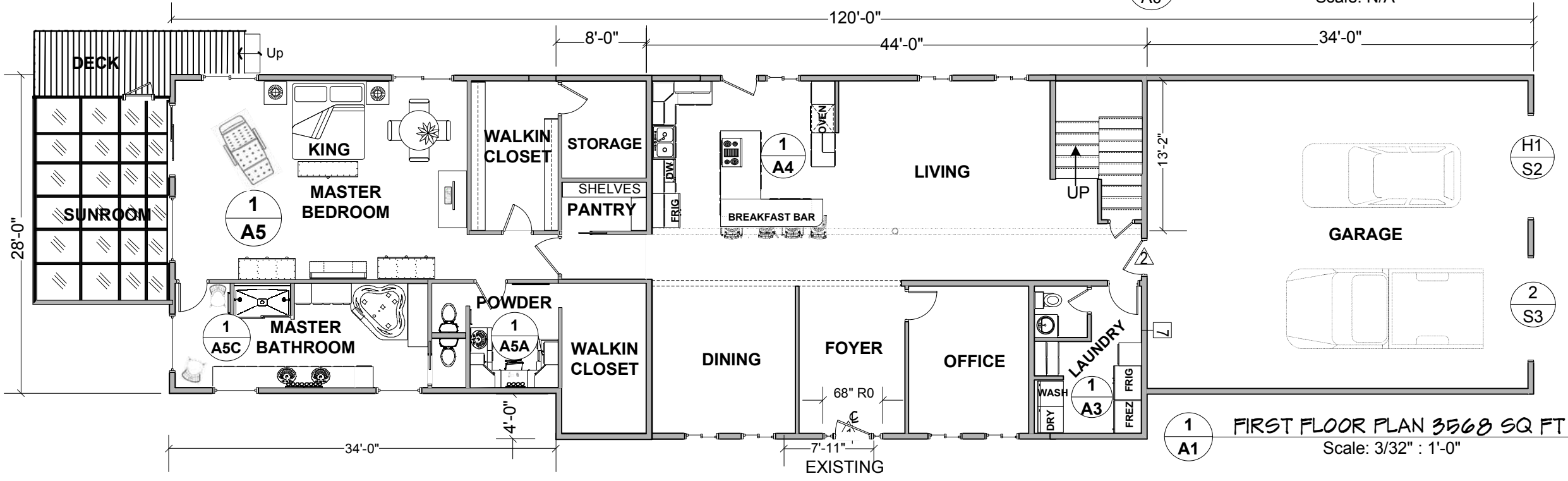
NOTE: THESE ARE ALL CONCEPT & AS-BUILT DRAWINGS FOR JOHN & MONICA JAMES PER COVER SHEET INDEX DATED JULY 10, 2018. IN NO EVENT SHALL NUSHAGAK CONSULTANTS (NAKCO) BE LIABLE FOR ANY INCIDENTAL, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING DIRECTLY OR INDIRECTLY FROM THE CONSTRUCTION OR USE OF THESE DRAWINGS. NAKCO EXPRESSLY ACCEPTS NO LIABILITY OF ANY KIND FOR THE CONTENTS ON THESE DRAWINGS.

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1
A2 EXISTING SECOND FLOOR PLAN 1664 SQ FT
Scale: 3/32" : 1'-0"



1
A0 NORTH FRONT ELEVATION
Scale: N/A



1
A1 FIRST FLOOR PLAN 3568 SQ FT
Scale: 3/32" : 1'-0"

PROJECT **CONCEPT & AS-BUILT DRAWING**

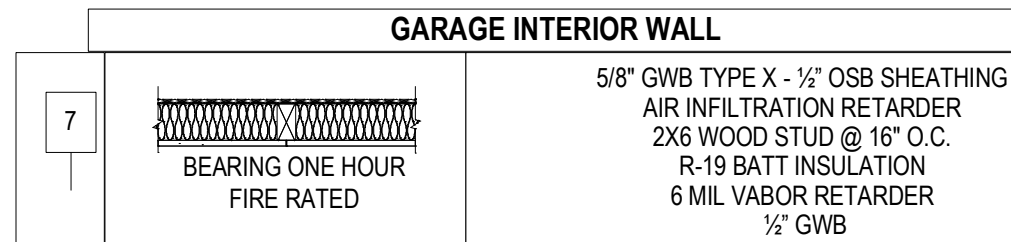
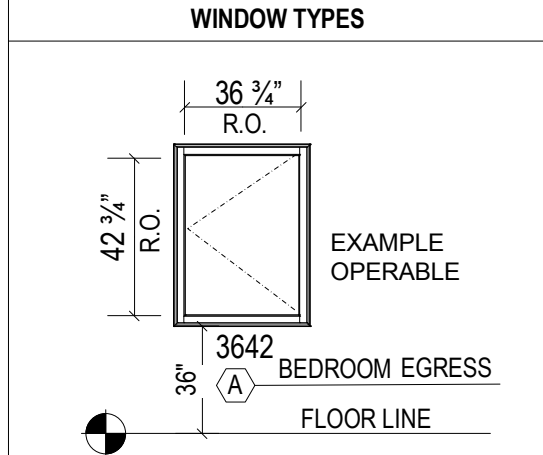
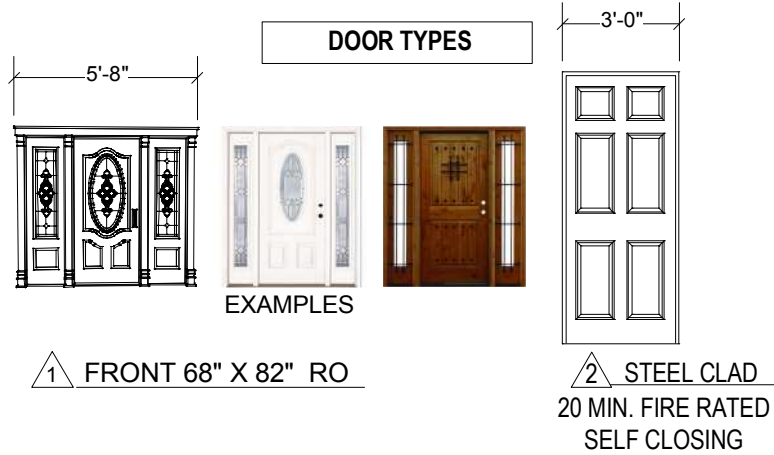
OWNER **JIMMY JOE & MONICA JAMES**

SYSTEM **SCOPE OF WORK** REVISION **7/10/2018**

DESIGN CONSULTANT
NUSHAGAK CONSULTANTS
 225 EAST FIREWEED
 ANCHORAGE, ALASKA 99503

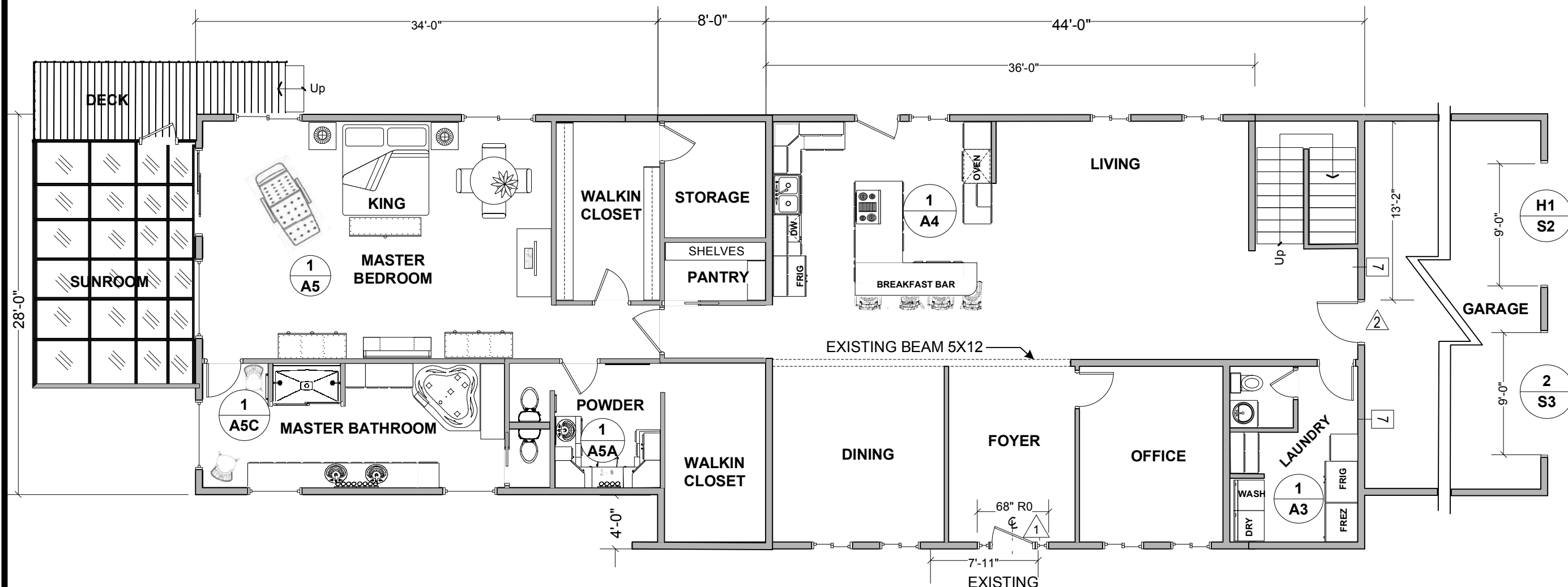
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 Drawn by: jn
 Date: 6/20/18

Job No.
 Category Sheet
A 0



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1 A1

FIRST FLOOR PLAN 3568 SQ FT

Scale: 1/8" : 1'-0"

CONCEPT & AS-BUILT DRAWING

JIMMY JOE & MONICA JAMES

SCOPE OF WORK

FIRST FLOOR PLAN

WASILLA, ALASKA

PROJECT

OWNER

SYSTEM

REVISION

7/16/18

NUSHAGAK CONSULTANTS

225 EAST FIREWEED

ANCHORAGE, ALASKA 99503

DESIGN CONSULTANT

jerrynicholson@alaska.net

Scale:

1/8" = 1'-0"

Drawn by: jn

Date: 5.31.18

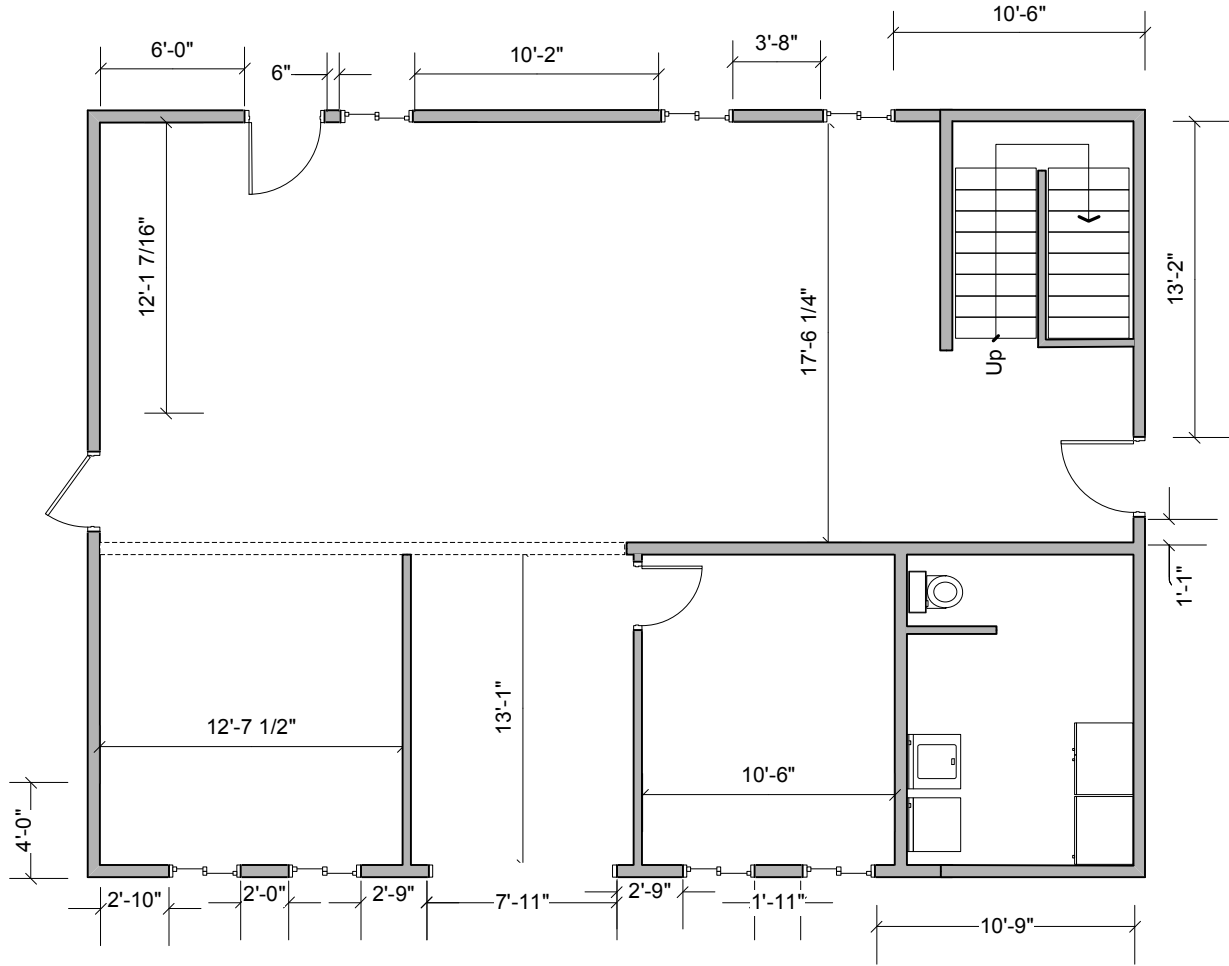
Job No.

Category

Sheet

A 1

FIRST FLOOR AS BUILT MEASUREMENTS



1
A1

FIRST FLOOR PLAN

Scale: 1/8" : 1'-0"



AS-BUILT DRAWING

JIMMY JOE & MONICA JAMES

FIRST FLOOR PLAN

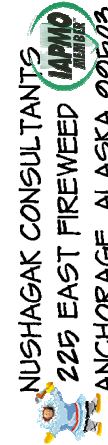
ANCHORAGE, ALASKA

PROJECT

OWNER

SYSTEM

REVISION



DESIGN CONSULTANT

Scale:

1/8" = 1'-0"

Drawn by: jn

Date: 5.31.18

Job No.

Category

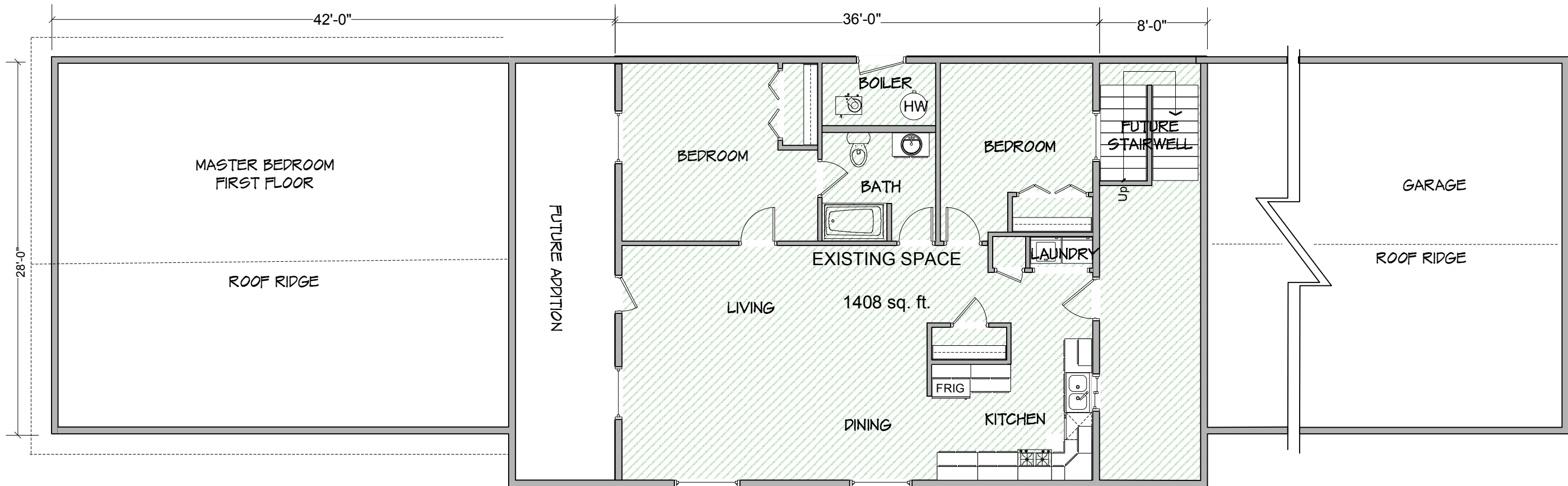
Sheet

A

1a

SECOND FLOOR PROPOSED & AS-BUILT

SEE DRAWING A
A2a FOR EXISTING MEASUREMENTS and A
A2b PHOTO DETAILS



1
A2

EXISTING SECOND FLOOR PLAN 1664 SQ FT

Scale: 3/32" : 1'-0"



NOTE: THIS IS A CONCEPT & AS-BUILT DRAWING. IN NO EVENT WILL NUSHAGAK CONSULTANTS (NAKCO) BE LIABLE FOR ANY INCIDENTAL, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING DIRECTLY OR INDIRECTLY FROM THE CONSTRUCTION OR USE OF THIS DRAWING. NAKCO EXPRESSLY ACCEPTS NO LIABILITY OF ANY KIND FOR THE CONTENTS ON THIS DRAWING.

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AS-BUILT DRAWING

JIMMY JOE & MONICA JAMES

SECOND FLOOR PLAN

ANCHORAGE, ALASKA

PROJECT
OWNER
SYSTEM
REVISION


 NUSHAGAK CONSULTANTS
 225 EAST FIREWEED
 ANCHORAGE, ALASKA 99503
 DESIGN CONSULTANT

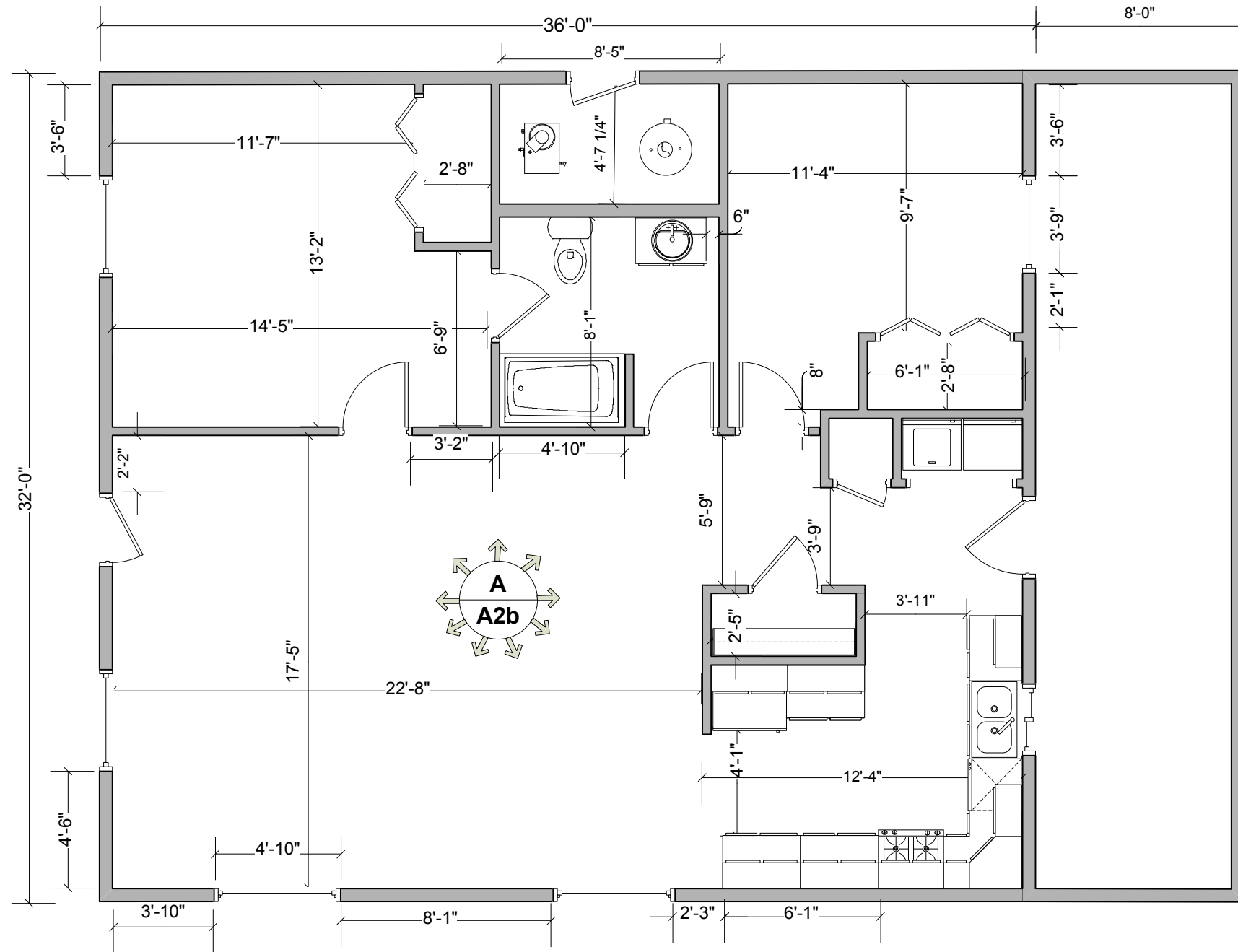
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Drawn by: jn
Date: 5.31.18
Job No.

Category Sheet

A 2

SECOND FLOOR AS-BUILT MEASUREMENTS

SEE DRAWING A
A2b FOR PHOTO DETAILS



1
A2a

EXISTING SECOND FLOOR PLAN MEASUREMENTS

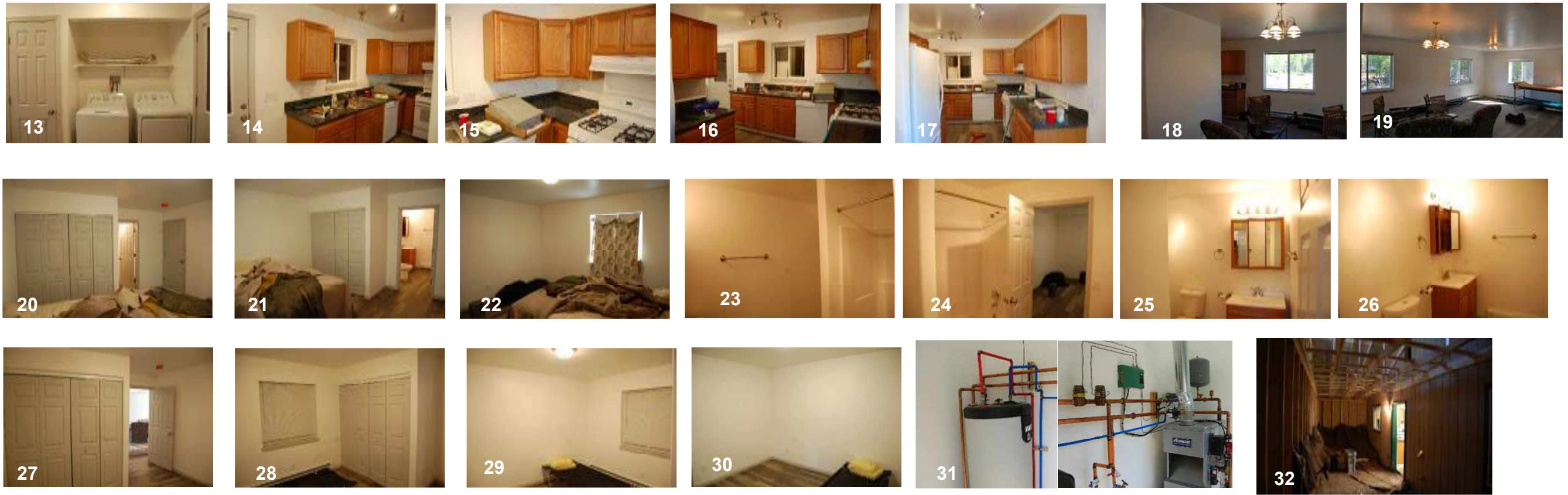
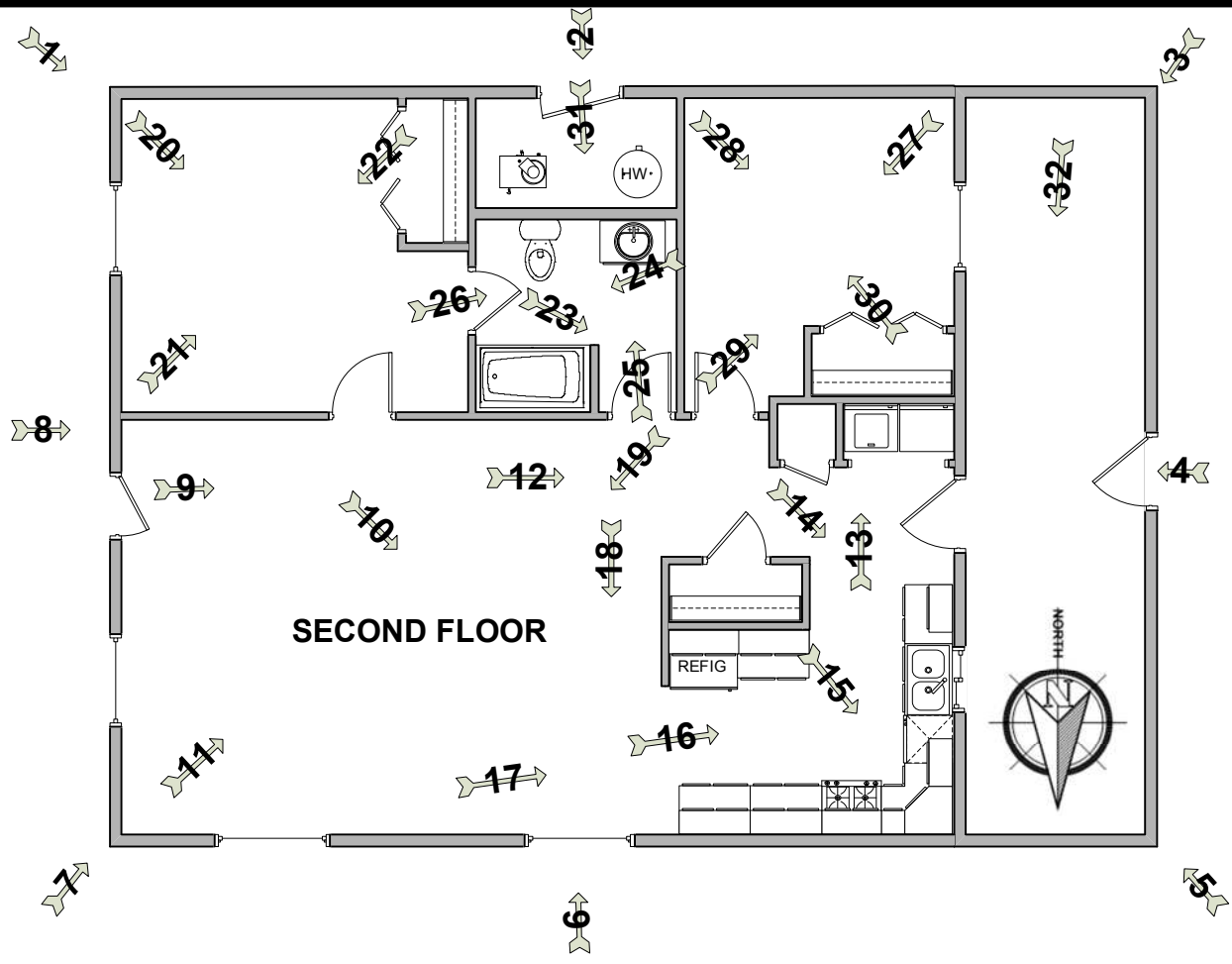
Scale: 3/16" : 1'-0"

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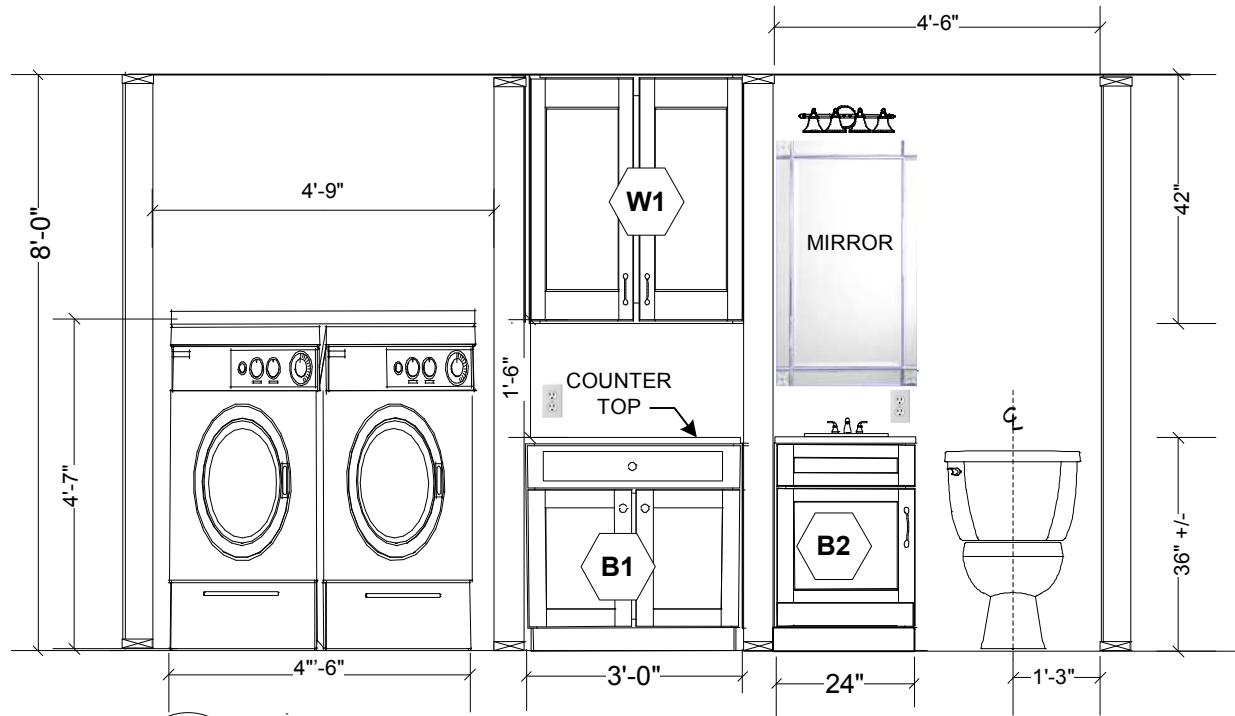
VERIFY IN FIELD DIMENSIONS AND LOCATION OF EXISTING AND NEW FEATURES SHOWN ON THIS DRAWING ARE FOR THE INSTALLERS CONVENIENCE ONLY. THE INSTALLER IS SOLELY RESPONSIBLE TO VERIFY IN THE FIELD ALL DIMENSIONS, SITE CONDITIONS, THE SIZE AND LOCATION OF NEW WALLS - WINDOWS, ETC. PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.



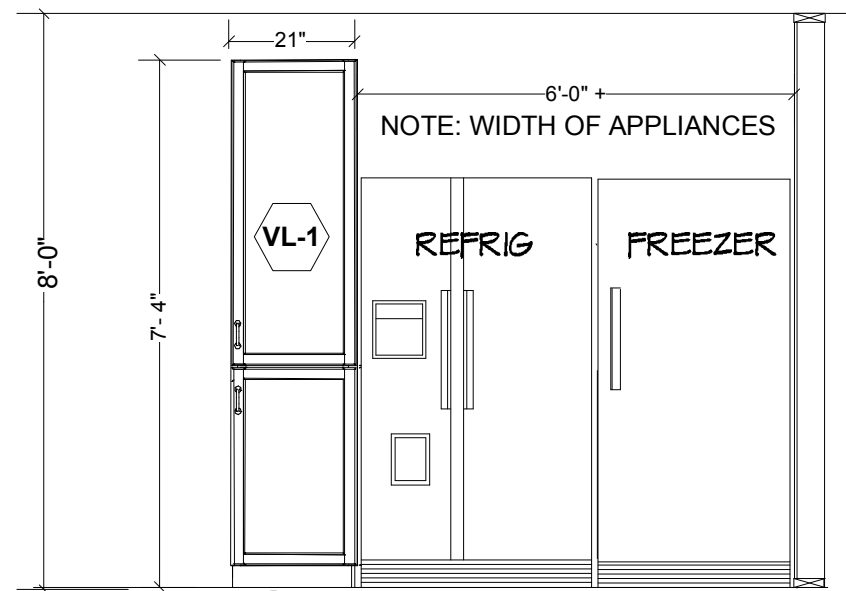
AS-BUILT DRAWING	
JIMMY JOE & MONICA JAMES	
PROJECT	SCOPE OF WORK
OWNER	SECOND FLOOR PLAN
SYSTEM	REVISION
NUSHAGAK CONSULTANTS 225 EAST FIREWEED ANCHORAGE, ALASKA 99503	
DESIGN CONSULTANT	
Scale: 3/16" = 1'-0" Drawn by: jn Date: 5.31.18	
Job No.	
Category	Sheet
A	2a



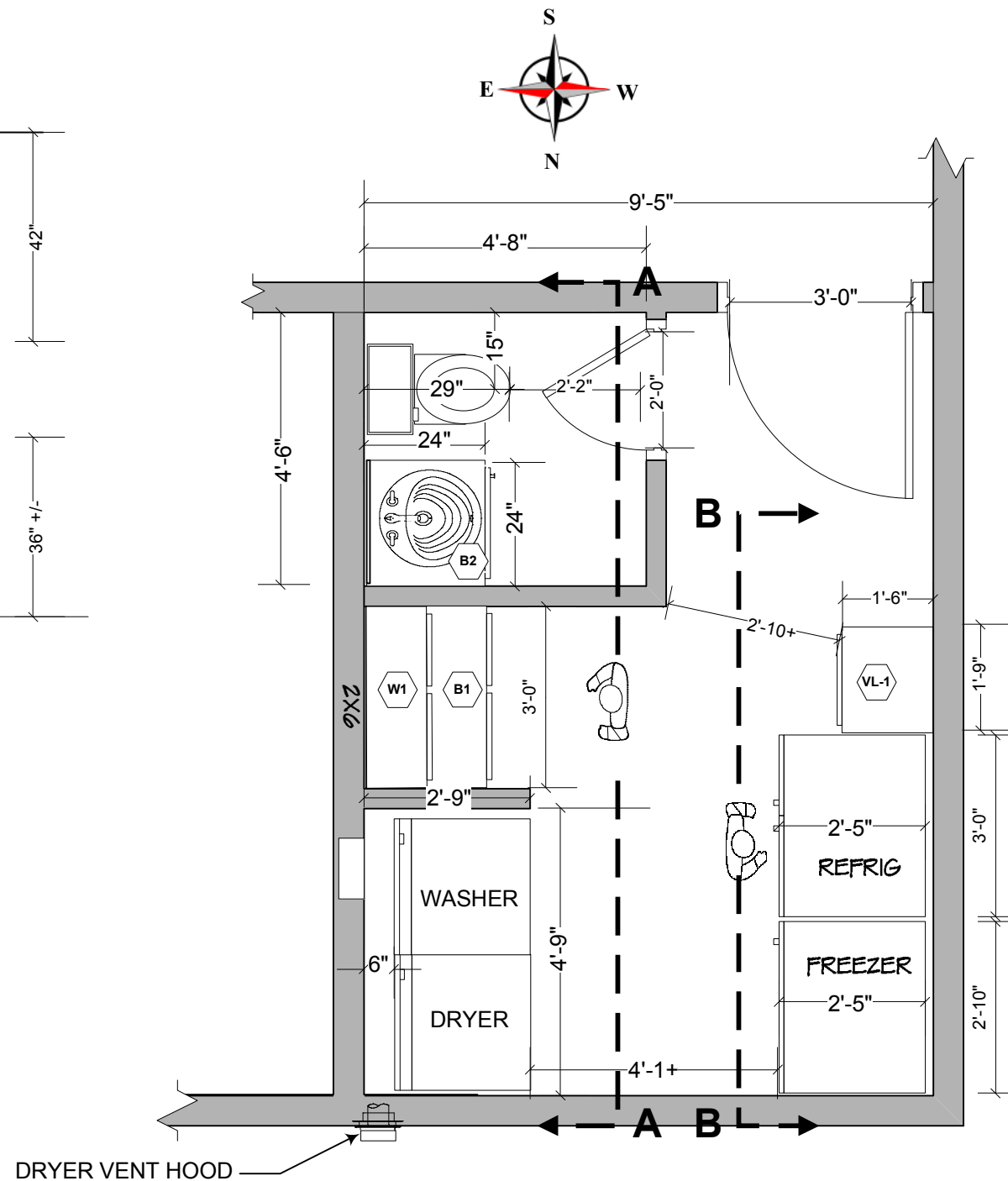
AS-BUILT DRAWING & PHOTOS	
JIMMY JOE & MONICA JAMES	
PROJECT	SCOPE OF WORK
OWNER	SECOND FLOOR PLAN
SYSTEM	WASILLA ALASKA
REVISION	
NUSHAGAK CONSULTANTS 2215 EAST FIREWEED ANCHORAGE, ALASKA 99503 DESIGN CONSULTANT	
Scale:	
3/16" = 1" - 0"	
Drawn by: jn	
Date: 5.31.18	
Job No.	
Category	Sheet
A	2B



AA
A-3 SECTION AA
SCALE: 3/8" = 1'-0"



BB
A-3 SECTION BB ELEVATION
SCALE: 3/8" = 1'-0"

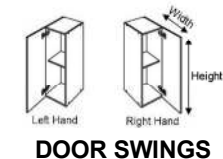
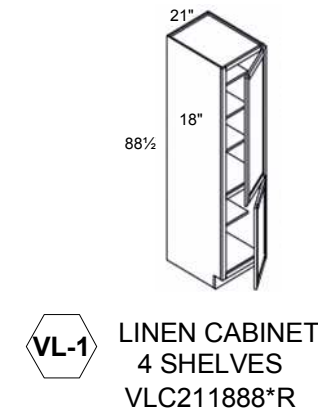
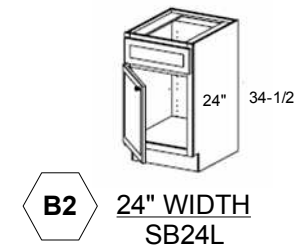
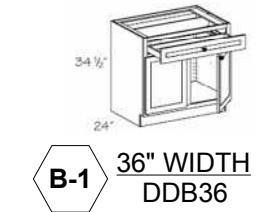


1
A3 LAUNDRY ROOM DETAIL
Scale: 3/8" : 1'-0"

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**SPECIFICATIONS
KRAFTMAID CABINETS
SCHEDULE**



PROJECT **CONCEPT DRAWING**

OWNER **JIMMY JOE & MONICA JAMES**

PROJECT **LAUNDRY ROOM**

OWNER **WASILLA, ALASKA**

SYSTEM **SCOPE OF WORK**

REVISION

NUSHAGAK CONSULTANTS
225 EAST FIREWEED
ANCHORAGE, ALASKA 99503
DESIGN CONSULTANT

Scale:
3/8" = 1'-0"

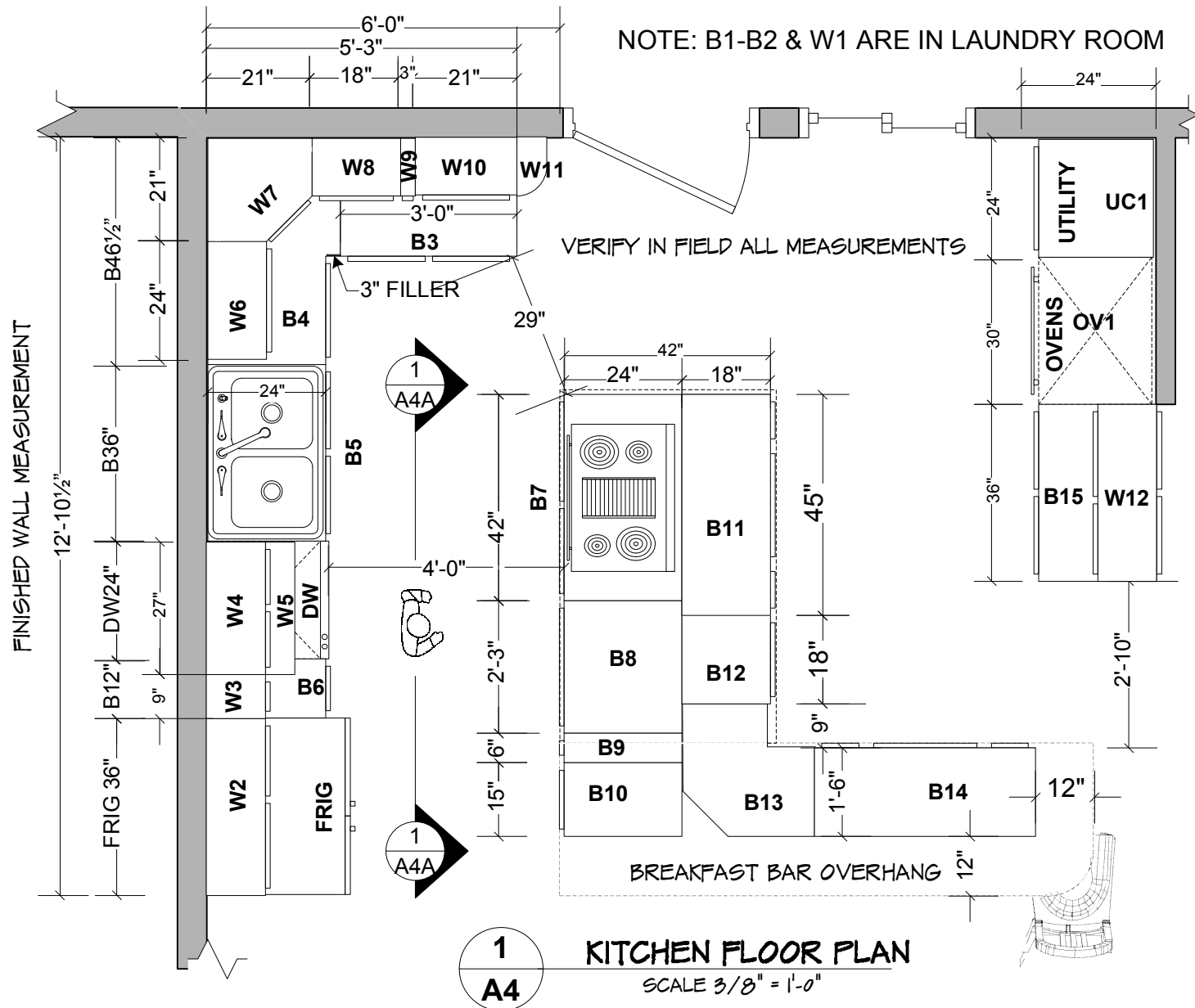
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Date: 6.6.18

Job No.

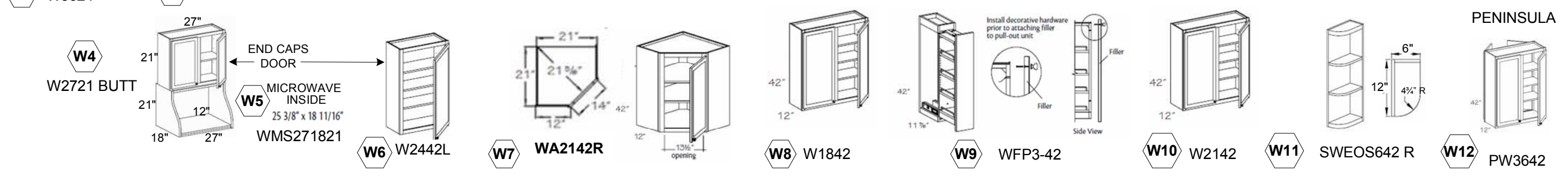
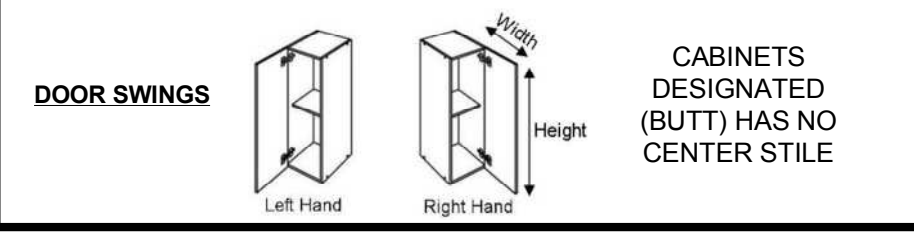
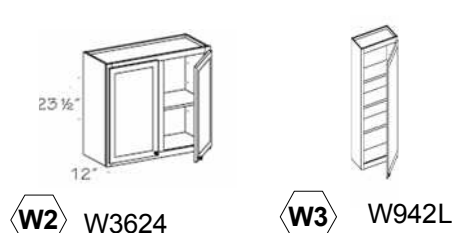
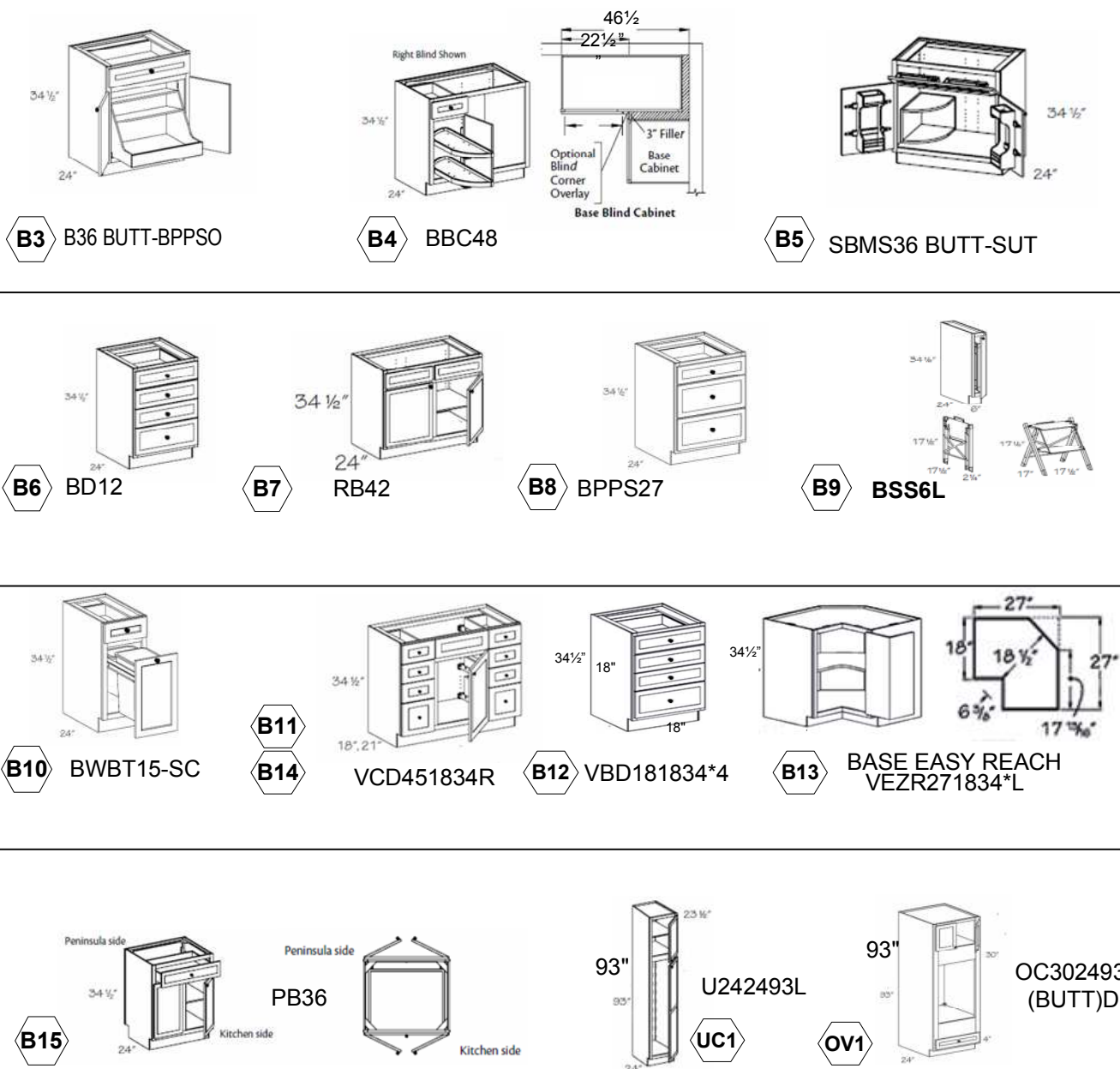
Category Sheet

A 3



KRAFTMAID CABINETS SCHEDULE

BASE (B) & WALL (W) SPECIFICATIONS



CONCEPT DRAWING

JIMMY JOE & MONICA JAMES

PROJECT

OWNER

NUSHAGAK CONSULTANTS
225 EAST FIREWEED
ANCHORAGE, ALASKA 99503

DESIGN CONSULTANT

Scale:
3/8" = 1' - 0"

Drawn by: jn

Date: 6.23.18

Job No.

Category

Sheet

A

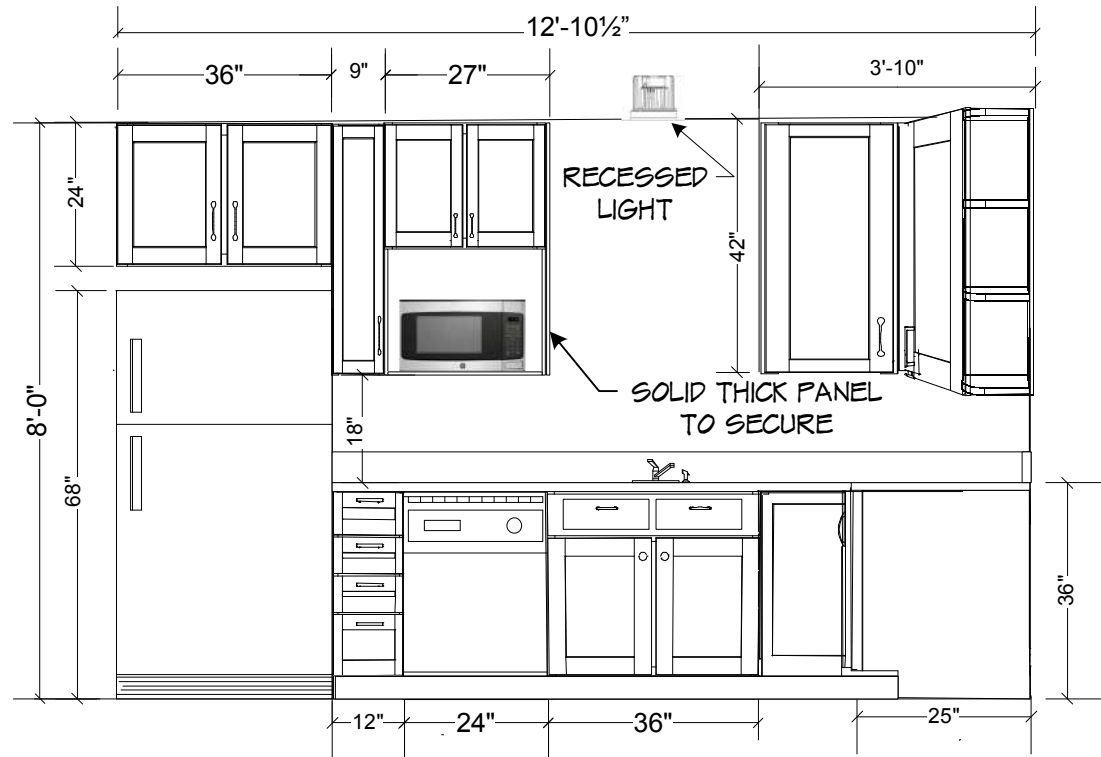
4

KITCHEN FLOOR PLAN & DETAILS

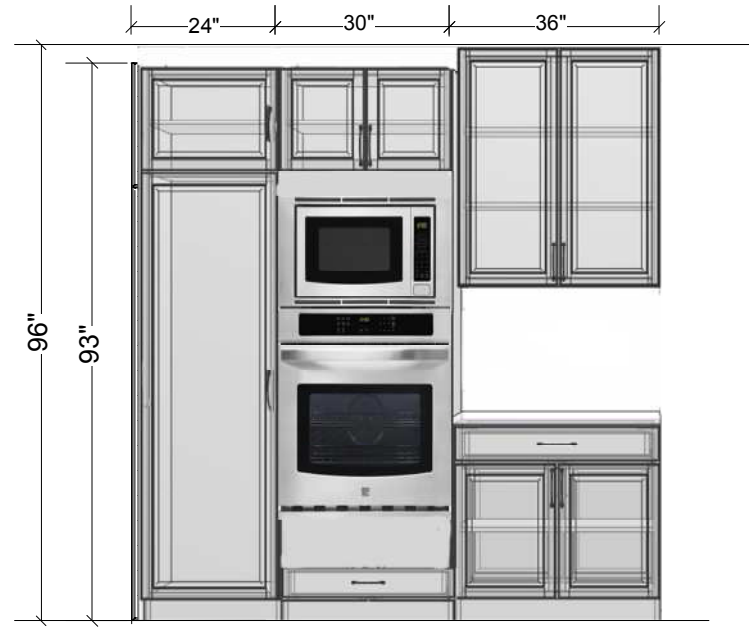
WASILLA, ALASKA

SCOPE OF WORK

REVISION

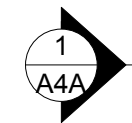


SECTION AA ELEVATION
SCALE: N/A

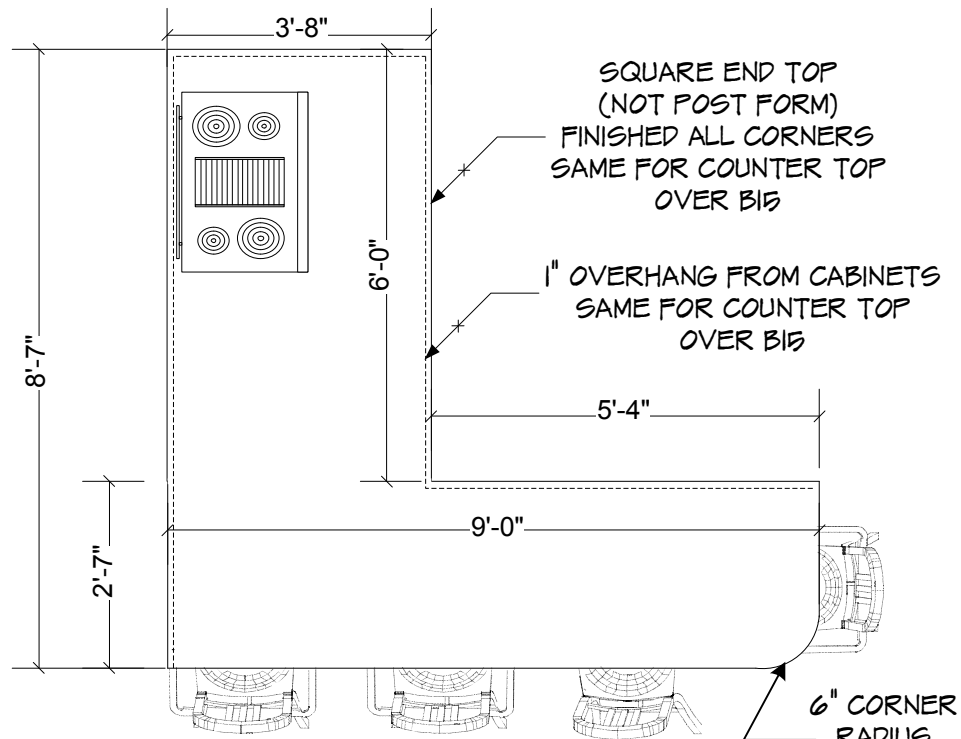
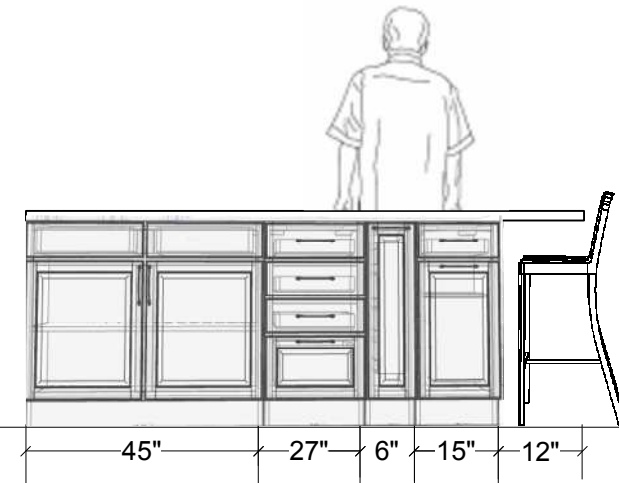


SECTION BB ELEVATION
SCALE: N/A

VERIFY IN FIELD ALL MEASUREMENTS

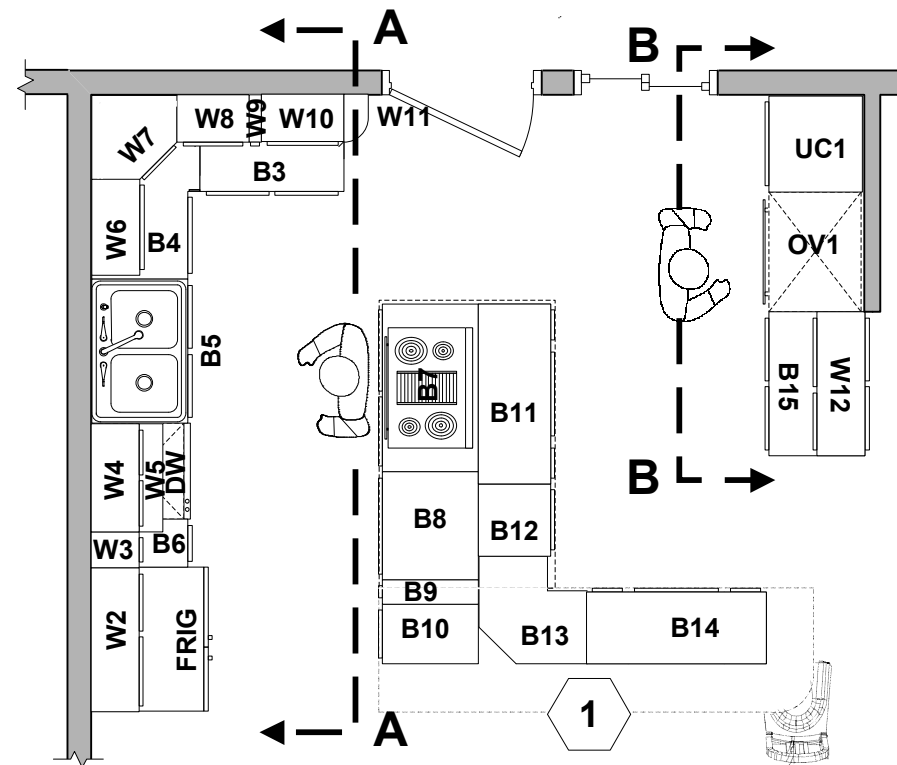


ELEVATION RANGE BASE
SCALE: N/A



1 BREAKFAST BAR DIMENSIONS
SCALE: 3/8" = 1'-0"

VERIFY IN FIELD ALL MEASUREMENTS



1 KITCHEN FLOOR PLAN
SCALE 1/4" = 1'-0"

PROJECT **CONCEPT DESIGN**

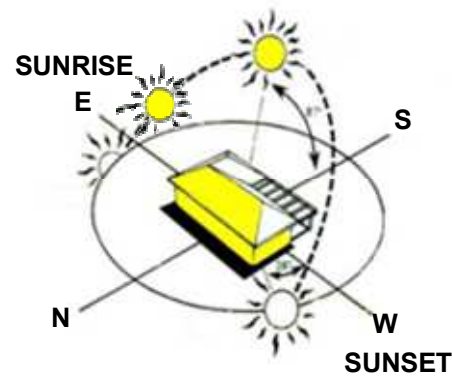
OWNER **JIMMY JOE & MONICA JAMES**

DESIGN CONSULTANT
NUSHAGAK CONSULTANTS
225 EAST FIREWEED
ANCHORAGE, ALASKA 99503

Scale:
3/8" = 1'-0"
Drawn by: jn
Date: 6.24.18
Job No. D2012

Category Sheet
A 4A

SCOPE OF WORK
KITCHEN FLOOR PLAN & DETAILS
WASILLA, ALASKA



NOTE: PLUMBING DESIGNED ON INSIDE WALLS TO ACCOMMODATE CLIMATE

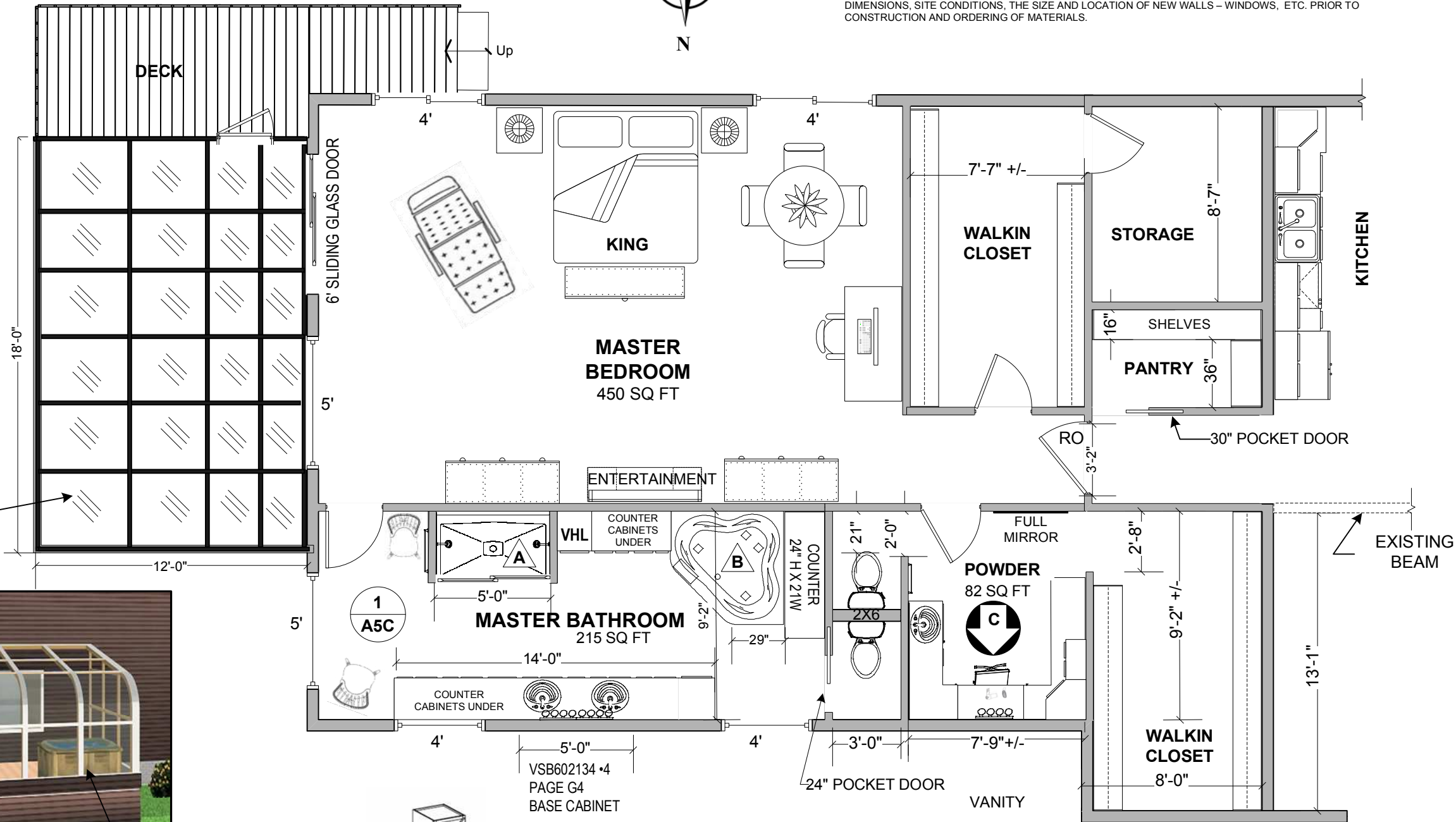


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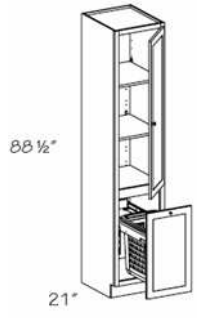
NOTE: RECOMMENDED SUNROOM ROOF SLOPE TO BE DESIGNED WITH 7:12 PITCH. SHOWN IS FOR DEMONSTRATION ONLY



3D CONCEPT MORNING COFFEE SUN ROOM EAST SIDE



Small Jacuzzi J-315™ hot tub
ACTUAL 76" x 66" x 32"



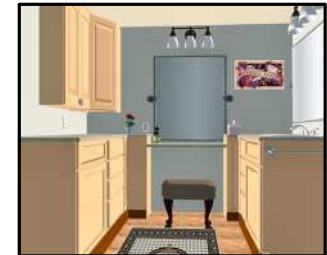
VHL Vanity Hamper Linen Cabinet
VHLCT182188 R
PAGE G17



A L 60" X W 42"
SHOWER CONCEPT



B K-1160-LA-0
L 60", H 21", W 60"
ACTUAL BY KOHLER
5' WHIRLPOOL BATH



C POWDER ROOM
SEE **1 A5A**

PROJECT **MASTER BEDROOM CONCEPT**
OWNER **JIMMY JOE & MONICA JAMES**
SYSTEM SCOPE OF WORK
REVISION **7/8/18**
DESIGN CONSULTANT
FLOOR PLAN
WASILLA ALASKA

NUSHAGAK CONSULTANTS
225 EAST FIREWEED
ANCHORAGE, ALASKA 99505
APPROVED
DESIGN CONSULTANT

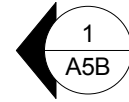
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Drawn by: jn
Date: 6.30.18

Job No.
Category Sheet

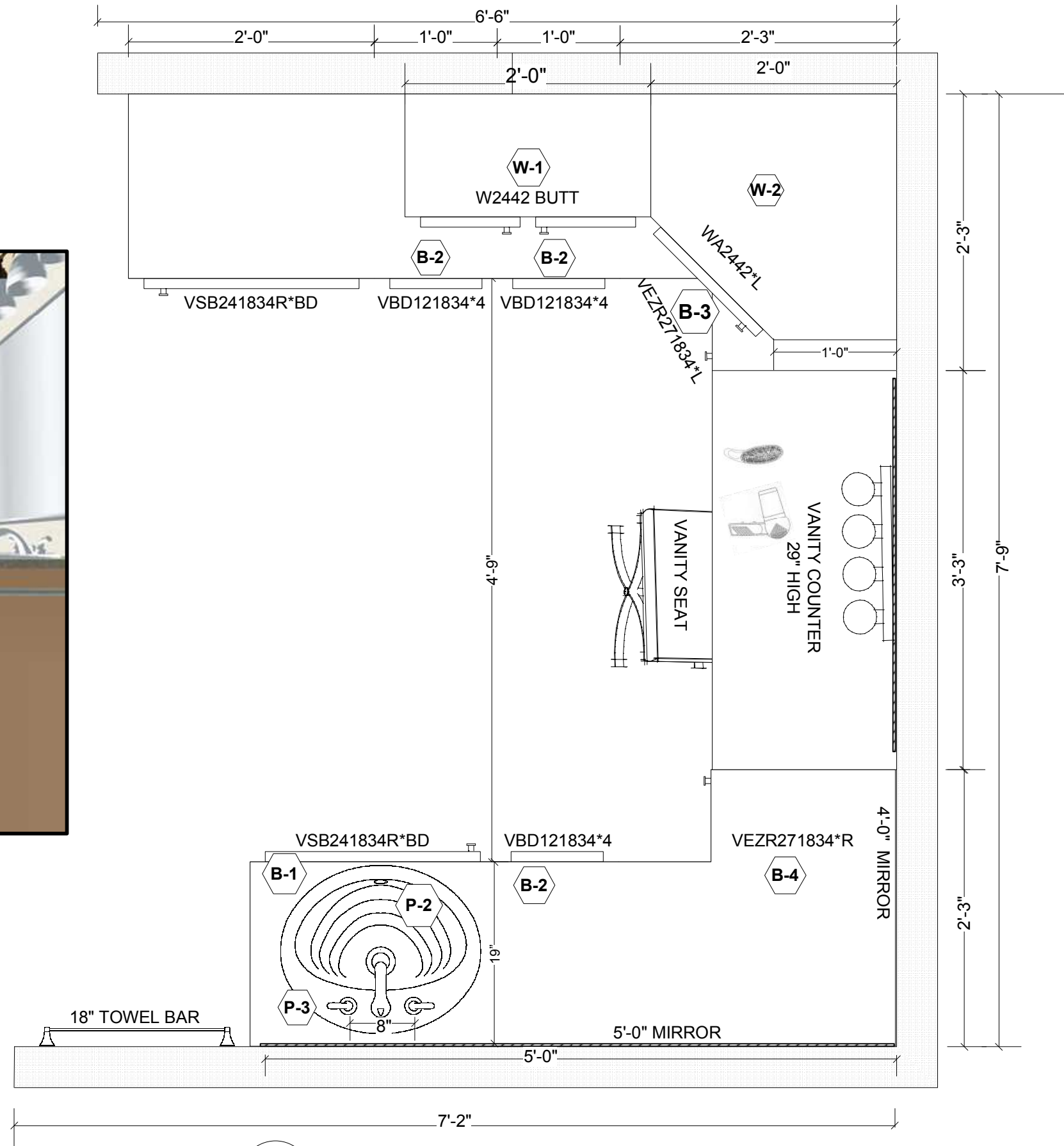
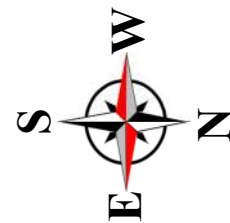
A **5**

VERIFY IN FIELD VERIFY IN THE FIELD ALL DIMENSIONS, SITE CONDITIONS, PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

FOR ELEVATIONS SEE

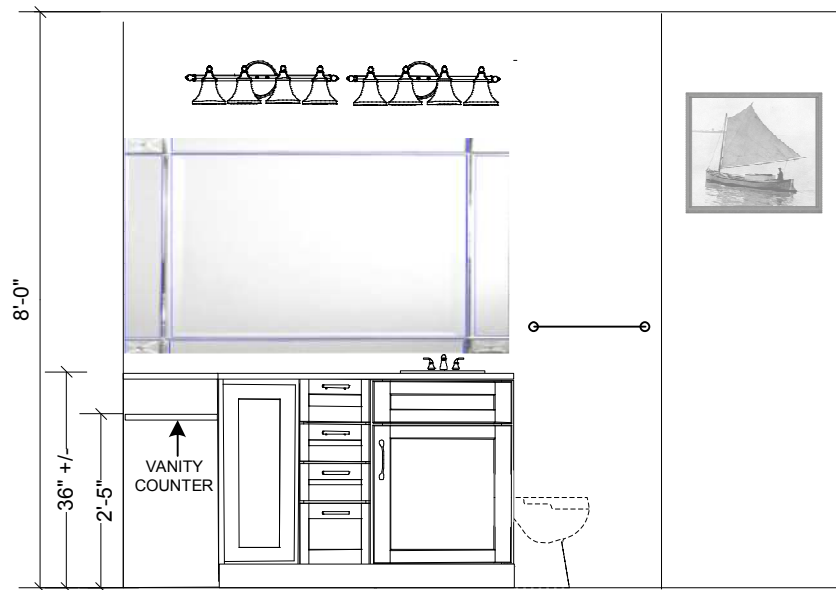


2
A5A 3D MODELING CONCEPT
SCALE: N/A

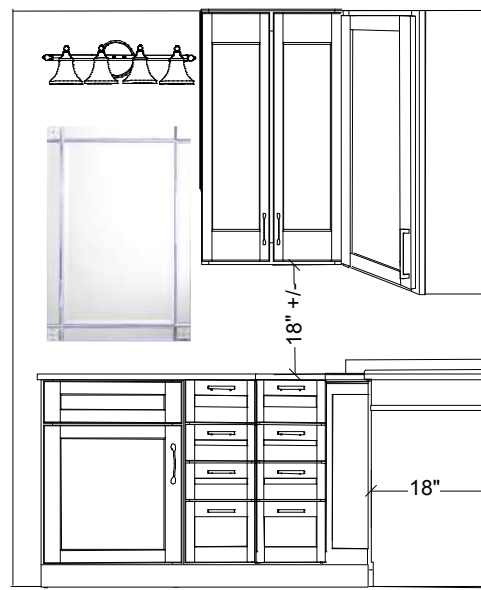


1
A5A POWER ROOM FLOOR PLAN
SCALE: 1" = 1'-0"

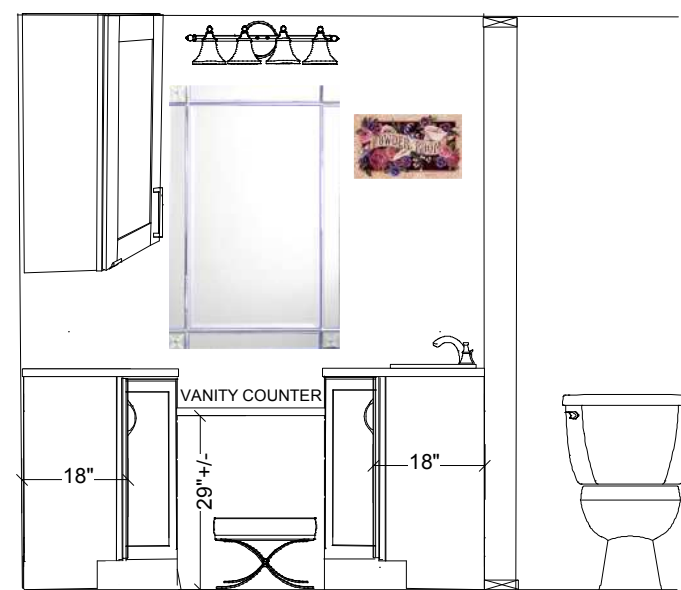
PROJECT CONCEPT & AS-BUILT DRAWINGS	
OWNER JIMMY JOE & MONICA JAMES	
SYSTEM	REVISION
FLOOR PLAN	POWDER ROOM OVERHEAD VIEW
REVISION	REVISION: None
NUSHAGAK CONSULTANTS 225 EAST FIREWEED ANCHORAGE, ALASKA 99503 DESIGN CONSULTANT 100% INDIAN OWNED COMPANY	
Scale: 1" = 1'-0"	
Drawn by: jn	
Date: 7/8/18	
Job No. JAMES	
Contents: BATH	
Cat	Sheet
A	5A



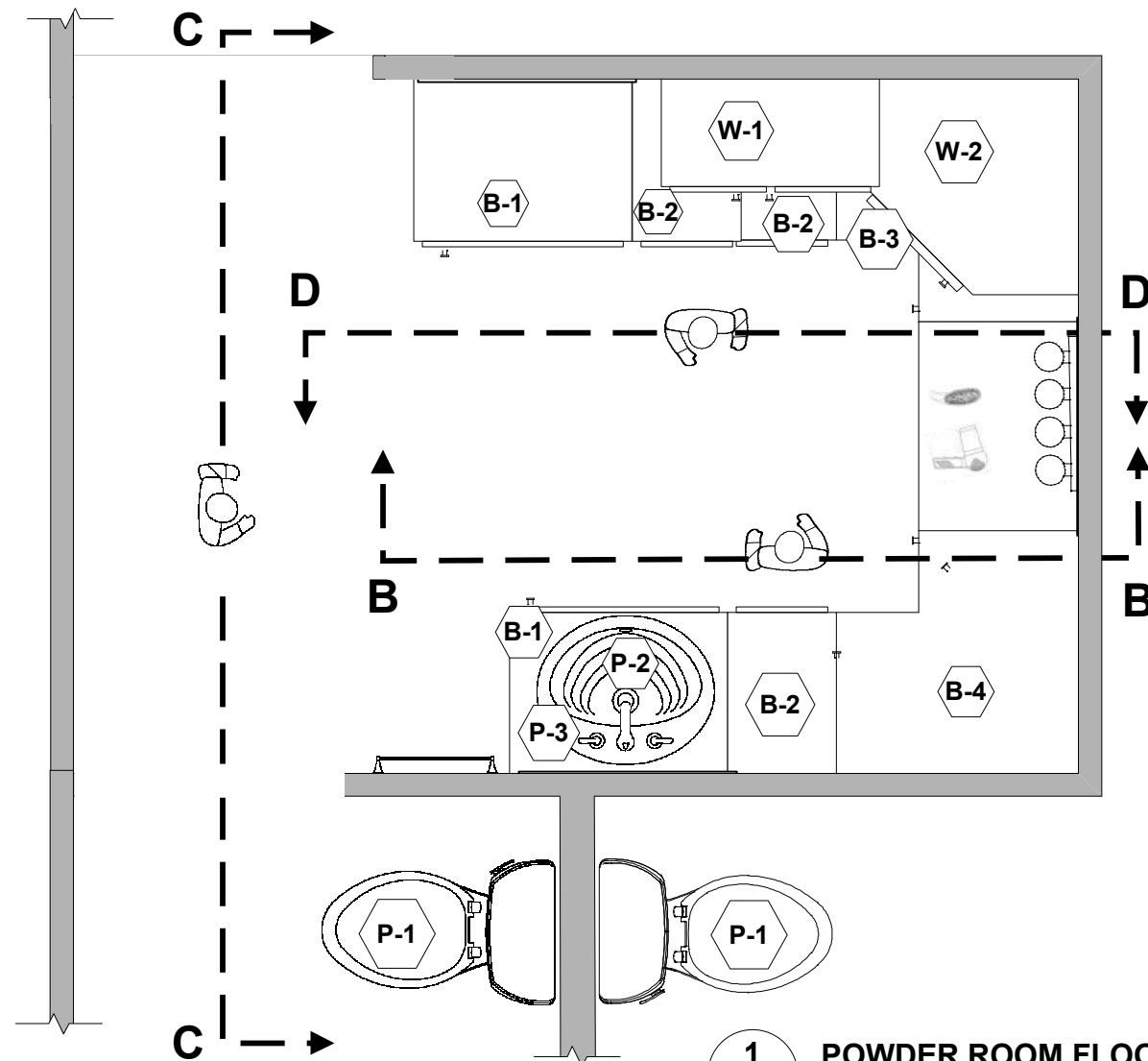
DD
B-2 SECTION DD ELEVATION
SCALE: N/A



BB
B-2 SECTION BB ELEVATION
SCALE: N/A



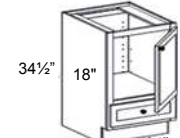

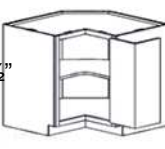
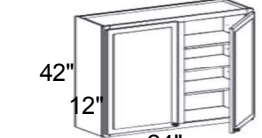
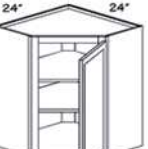
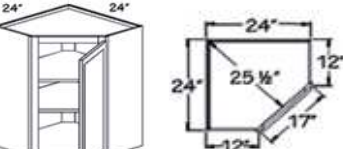
CC
B-2 SECTION CC ELEVATION
SCALE: N/A



1
B-2 POWDER ROOM FLOOR PLAN
SCALE: N/A



KRAFTMAID CABINETS SCHEDULE SPECIFICATIONS

- B-1**  34 1/2" 18" SINK BASE 24" BOTTOM DRAWER VSB241834R*BD - 2EA
- B-2**  34 1/2" 18" 12" BASE FOUR DRAWER TOTAL 3EA VBD121834*4
- B-3**  34 1/2" 18" 27" BASE EASY REACH VEZR271834*L
- B-4**  42" 12" 24" SAME AS B-3 RH DOOR VEZR271834*R
- W-1**  24" 24" WALL DOUBLE DOOR W2442 BUTT
- W-2**  42" 12" 24" 25 1/2" 12" WALL ANGLE 12" DEEP WA2442*L

KOHLER FIXTURES

NOTE: The K2906-8 lavatory is designed to fit 18" base cabinets

- P-1**  K3519 PRESSURE ASSIST
- P-2**  16 1/4" 19 1/4" K2906-8 CAST IRON
- P-3**  K10273-4CP 8" CENTER

PROJECT **CONCEPT POWDER ROOM**

OWNER **JIMMY JOE & MONICA JAMES**

DESIGN CONSULTANT
100% INDIAN OWNED COMPANY

Scale: N/A

Drawn by: jn

Date: 7/9/18

Job No. JAMES

Contents: BATH

Cat Sheet

A 5B

ELEVATIONS - SCHEDULES

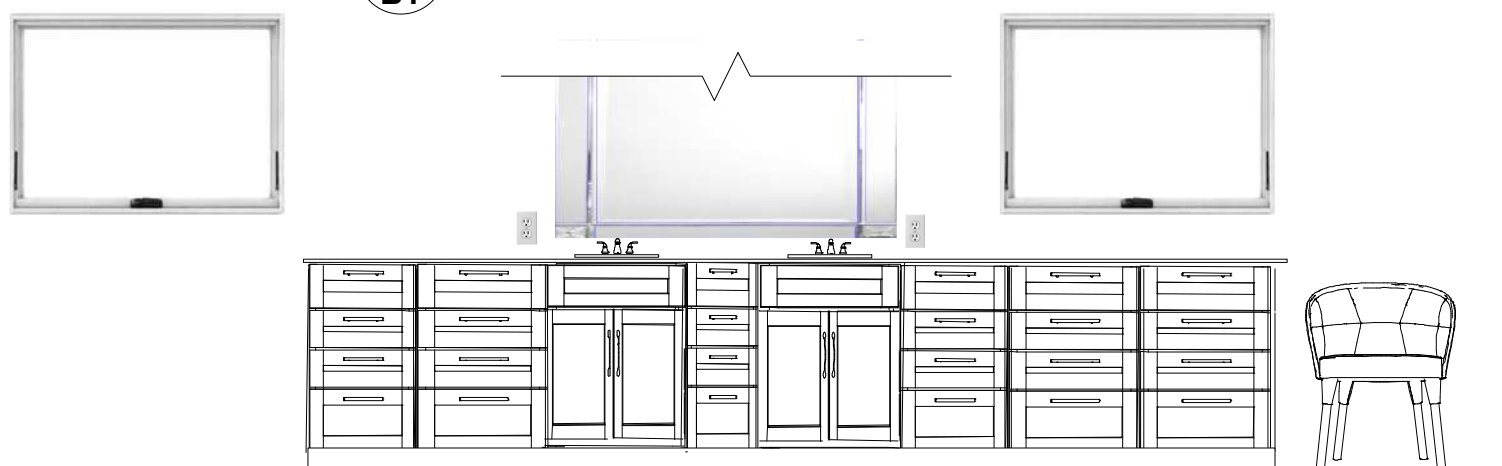
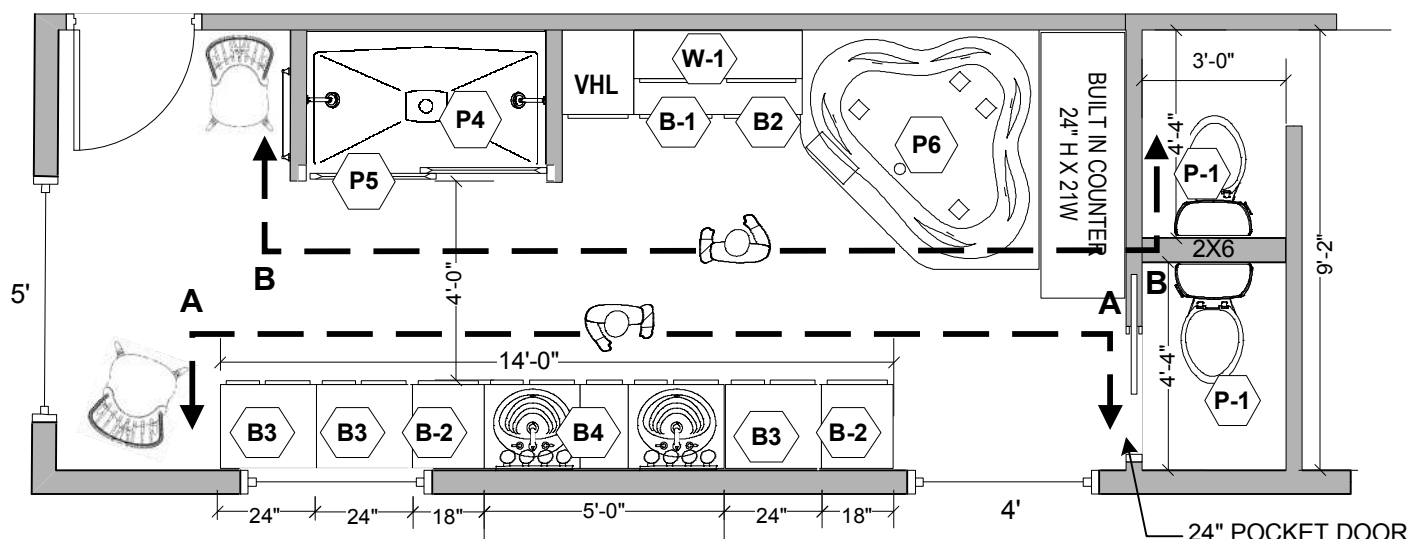
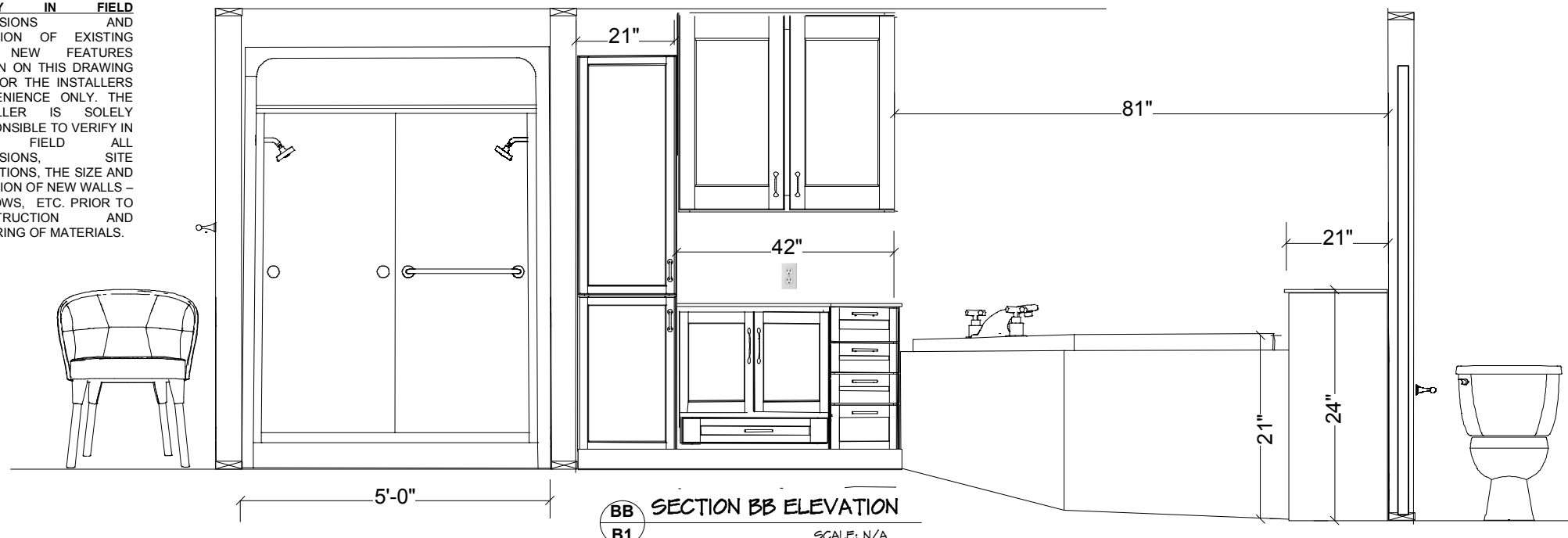
FLOOR PLAN

REVISION

REVISION: None

Revision: None

VERIFY IN FIELD DIMENSIONS AND LOCATION OF EXISTING AND NEW FEATURES SHOWN ON THIS DRAWING ARE FOR THE INSTALLERS CONVENIENCE ONLY. THE INSTALLER IS SOLELY RESPONSIBLE TO VERIFY IN THE FIELD ALL DIMENSIONS, SITE CONDITIONS, THE SIZE AND LOCATION OF NEW WALLS - WINDOWS, ETC. PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.



KRAFTMAID CABINETS SCHEDULE SPECIFICATIONS

- B-1** Base Bottom Drawer VSB242134*BD
- W-1** WALL DOUBLE DOOR W4242
- VHL** Vanity Hamper Linen Cabinet VHLCT182188 R PAGE G17
- B-2** BASE FOUR DRAWER VBD182134 *4
- B-3** VBD242134 *4
- B-4** VSB602134 *4 PAGE G4 BASE CABINET

KOHLER FIXTURES

- P6** 5' WHIRLPOOL BATH L 60", H 21", W 60" K-1160-LA-0
- P5** Levity® sliding shower door, 74" H x 56-5/8 - 59-5/8" W, with 1/4" Crystal Clear glass and towel bars... K-706015-L-SH
- P4** Rely® 60" x 42" single-threshold shower base with center drain K-8659-0
- P-1** K3519 PRESSURE ASSIST TOILET
- P-2** K2906-8 CAST IRON SINK 16 1/4" x 19 1/4"
- P-3** K10273-4CP 8" CENTER FAUCET

PROJECT	CONCEPT MASTER BATHROOM	
	OWNER	JIMMY JOE & MONICA JAMES
SYSTEM	FLOOR PLAN	None
	REVISION	None
DESIGN CONSULTANT	NUSHAGAK CONSULTANTS 225 EAST FIREWEED ANCHORAGE, ALASKA 99503	
	100% INDIAN OWNED COMPANY	
Scale:	N/A	
Drawn by:	jn	
Date:	7/10/18	
Job No.:	JAMES	
Contents:	BATH	
Cat	Sheet	
A		5C

STRUCTURAL NOTES

Wood Deck Construction Guide: Wood decks attached to a single family home, duplex or townhouse falling under the scope of the International Residential Code shall be constructed in accordance with the *Prescriptive Residential Wood Deck Construction Guide* published by the American Wood Council. The deck must meet the minimum requirements and limitations outlined on pages 2 and 3 of the guide: <https://www.awc.org/codes-standards/publications/dca6>

1. DESIGN CRITERIA

CODE:

INTERNATIONAL BUILDING CODE, 2012 EDITION.
STANDARD: ASCE 7-10

DESIGN LIVE LOADS:

ROOF	Pg = 50 PSF, Pf = 40 PSF I = 1.0, Ce = 1.0, Ct = 1.0	SEISMIC	I = 1.0, SEISMIC USE GROUP II Ss = 1.517, S1 = 0.568
SNOW DRIFT	ASCE 7-10, CHAPTER 7		SOIL SITE CLASS D Sds = 1.00, Sd1 = 0.60,
FLOOR 40 PSF			SEISMIC DESIGN CATEGORY D, BASIC SEISMIC FORCE RESISTING SYSTEM:
WIND:	130 MPH - ULT 100 MPH 3) SECOND GUST EXPOSURE B, BUILDING CATEGORY II, I = 1.0 (GCpi) = 0.18, qh = 16 PSF		BEARING/WOOD SHEAR WALLS Cs = 0.156, R = 6.5, OMEGA = 3.0 V BASE = 18.4 K, EQUIVALENT LATERAL FORCE ANALYSIS

2. CONCRETE

- A. DESIGN AND CONSTRUCTION OF ALL CAST-IN-PLACE CONCRETE WORK SHALL CONFORM TO ACI 318 BUILDING CODE AND CRSI MANUAL OF STANDARD PRACTICE.
- B. CONCRETE SLAB CONSTRUCTION TO BE PROVIDED PER MORE STRINGENT REQUIREMENTS OF GEOTECHNICAL REPORT OR CONSTRUCTION DOCUMENTS.
- C. DESIGN MIXES SHALL BE IN ACCORDANCE WITH ASTM C94.
1. STRENGTH TO BE MIN. 3,000 PSI AT 28 DAYS FOR FOOTINGS AND WALLS.
 2. STRENGTH TO BE MIN. 3,500 PSI AT 28 DAYS FOR SLABS ON GRADE.
 3. STRENGTH TO BE MIN. 4,000 PSI AT 28 DAYS FOR COLUMNS, BEAMS, EXTERIOR CONCRETE, STRUCTURAL SLABS, CONCRETE FILLED METAL DECK AND PRECAST TOPPING.
 4. SLUMP SHALL NOT EXCEED 4".
 5. ALL CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED WITH 4-7% AIR CONTENT.
- NO OTHER ADMIXTURES SHALL BE USED WITHOUT APPROVAL. CALCIUM CHLORIDE SHALL NOT BE USED.

3. DIMENSIONS ON DRAWINGS

VERIFY ALL DIMENSIONS, MEMBER SIZES AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED.

4. OPENING

OPENINGS OF THE STRUCTURE SHALL BE FRAMED AS FOLLOWS:
-WIDTHS LESS THAN 6'-0" WIDE SHALL BE FRAMED WITH (1) 2X KIND STUD AND (1) 2X TRIMMER STUD EACH SIDE OF THE OPENING (UNLESS OTHERWISE NOTED ON PLANS) -WIDTHS GREATER THAN 5'-0" BUT LESS THAN 8'-0" SHALL HAVE (2) 2X KING STUDS AND (2) 2X TRIMMER STUDS EACH SIDE OF THE OPENING. (FULL TRIMMER METHOD)

5. SHEATHING:

SHEATHING GRADE) CD EXPOSURE 1 WITH EXTERIOR GLUE LAID FACE GRAIN PERPENDICULAR TO SUPPORT.

ROOF SHEATHING – 5/8" THICK, 40/20 SPAN RATING.
WALL SHEATHING – 15/32" THICK, 24/0 SPAN RATING.
FLOOR SHEATHING – 3/4" THICK, 48/24 SPAN RATING T & G EDGES.
FLOOR UNDERLAYMENT – 3/8" THICK, 24/0 SPAN RATING.

PROVIDE 2x4 BLOCKING AT ALL UNSUPPORTED WALL PANEL EDGES. GLUE FLOOR SHEATHING TO ALL SUPPORTS WITH ADHESIVE COMPLYING WITH APA AFG01, AT A 50 PERCENT SKIP PATTERN AND A 3/16" DIA. BEAD MINIMUM.

FOR SHEARWALL NAILING SEE SHEARWALL SCHEDULE
NAILING AT ALL OTHER PANEL EDGES AND AT ALL STUDS WITH HOLDDOWNS IS AS FOLLOWS:

ROOF SHEATHING) 10d @ 6" OC,
WALL SHEATHING) 8d @ 6" OC,
FLOOR SHEATHING) 10d @ 6" OC.

NAILING AT ALL PANEL INTERMEDIATE SUPPORTS OTHER THAN STUDS WITH HOLDDOWNS IS AS FOLLOWS:
UNLESS NOTED OTHERWISE


ROOF SHEATHING) 10d @ 12" OC,
WALL SHEATHING) 8d @ 12" OC,
FLOOR SHEATHING) 10d @ 12" OC.

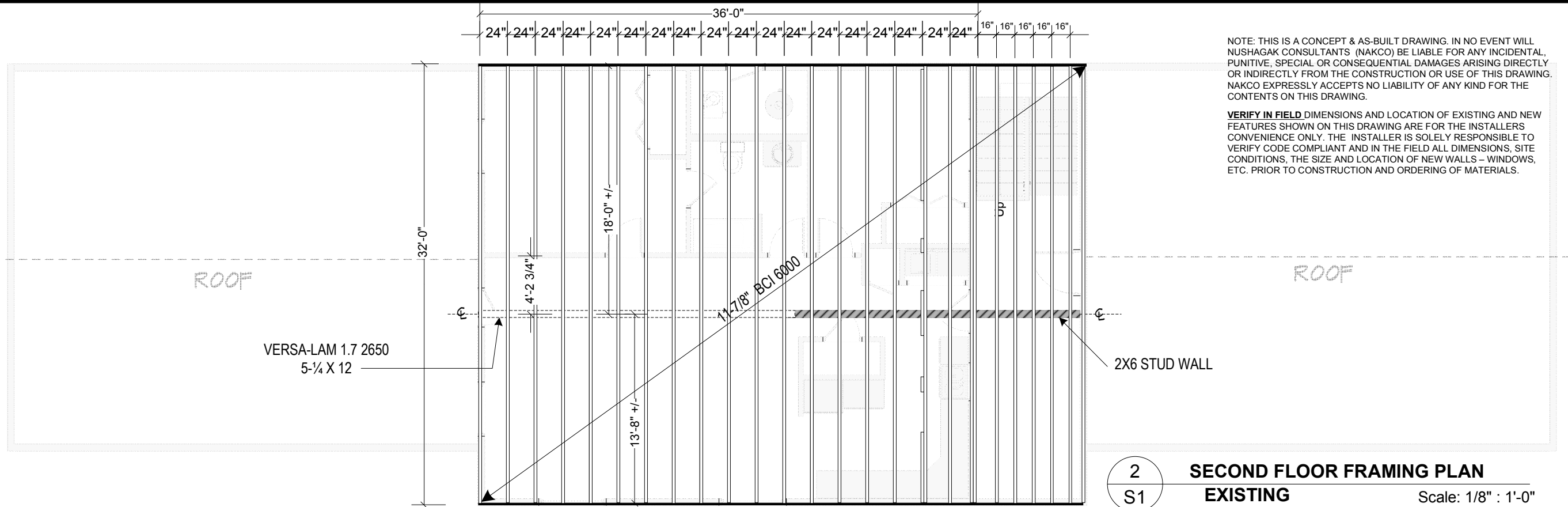
6. STRUCTURAL SAWN LUMBER:

LUMBER VISUALLY GRADED AND STAMPED PER WWSA STANDARD GRADING RULES. MOISTURE CONTENT OF LUMBER 2" OR LESS IN THICKNESS) 19 PERCENT MAXIMUM. STRUCTURAL LIGHT FRAMING – HEM)FIR SPECIES, #2 GRADE OR BETTER, Fb = 850 PSI (978 PSI REPETITIVE). POSTS AND TIMBERS) DFL SPECIES, #1 GRADE OR BETTER, Fc = 1000 PSI. MINIMUM NAILING FOR CONNECTION OF VARIOUS COMPONENTS PER TABLE 2304.9.1 OF THE IBC. TREAT WOOD BEARING ON OR WITHIN 1" OF MASONRY OR CONCRETE WITH PRESERVATIVE. USE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING ON WOOD. ATTACH FOUNDATION PLATES AND SILLS TO CONCRETE AND MASONRY WITH GALVANIZED A307 BOLTS. USE COMMON NAILS ONLY. USE HOT)DIPPED GALVANIZED FASTENERS IN ALL PRESERVATIVE TREATED AND FIRE RETARDENT TREATED WOOD. USE GALVANIZED FRAMING HARDWARE MANUFACTURED BY SIMPSON COMPANY OR APPROVED EQUAL
MINIMUM NAIL SIZES – 8d COMMON – 0.131" DIA X 2 1/2"
10d COMMON – 0.148" DIA X 3"
16d COMMON – 0.162" DIA X 3 1/2"

7. WOOD TRUSS

TRUSSES SHALL BE DESIGNED, FABRICATED, ERECTED, AND BRACED IN ACCORDANCE WITH LATEST EDITION OF THE WTCA/TPI BCSI 1 BOOKLET. THE TRUSS MANUFACTURER SHALL PROVIDE DRAWINGS & INSTRUCTION TO FIELD CONSTRUCTION PERSONNEL INDICATING PROPER ERECTION PROCEDURES OF TRUSSES AND INSTALLATION OF CONNECTIONS AND ANY BRIDGING AND BRACING. SEE ROOF FRAMING PLAN BY MANUFACTURER FOR TRUSS ORIENTATION AND LOCATIONS. SEE STRUCTURAL FOR ALL TRUSS PROFILES AND DIMENSIONS. TEMPORARY BRACING SHALL BE LEFT IN PLACE AND SERVE AS PART OF THE PERMANENT BRACING SYSTEM. PERMANENT CONTINUOUS LATERAL BRACING, INDICATED BY THE TRUSS DESIGNER, WILL BE REVIEWED DURING THE SHOP DRAWING PHASE. DIAGONAL STRUTS AND CONNECTIONS INDICATED ON SHOP DRAWINGS SHALL BE APPLIED UNLESS NOTIFIED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD. TRUSS DESIGNER SHALL DESIGN TRUSS TO MINIMIZE CONTINUOUS LATERAL BRACING REQUIRED TO BE INSTALLED IN THE FIELD. TRUSS DESIGNER SHALL PROVIDE ALL CONNECTION DESIGN FOR TRUSS TO TRUSS CONNECTIONS. MINIMUM TOP AND BOTTOM CHORDS SHALL BE 2X6 WITH WEBS BEING 2X4. PROVIDE GABLE END TRUSSES WITH VERTICALS FACE 2X4 PARALLEL TO WALL AT 16" O.C. TRUSS MANUFACTURER SHALL SUBMIT A TRUSS PLACEMENT DRAWING INDICATING THE FOLLOWING: SLOPE, SPAN, SPACING, TRUSS NUMBER THAT CORRESPONDS TO TRUSS DESIGN DRAWING. LOCATION OF PERMANENT LATERAL BRACING. (ALTERNATIVE: LOCATION OF BRACING SHALL BE INDICATED ON THE TRUSSES BY EITHER A TAG OR A PAINT MARK.) TRUSS DESIGN DRAWINGS/CALCULATIONS SHALL BE BASED ON DESIGN CRITERIA SPECIFIED HEREIN.

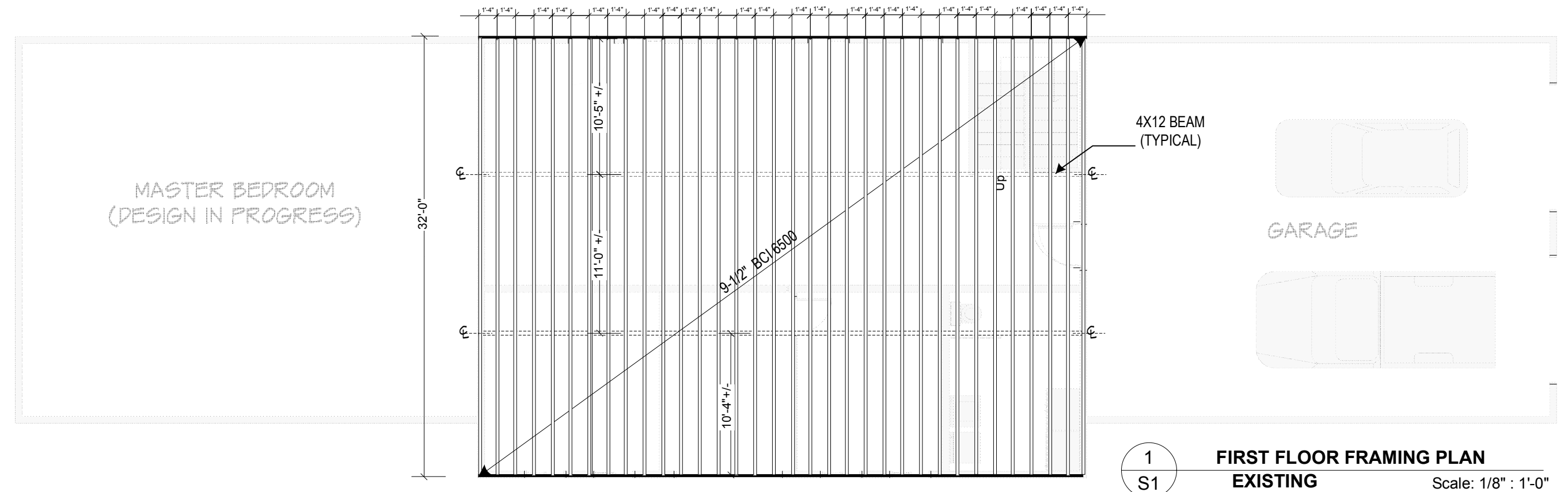
PROJECT	CONCEPT DRAWING
OWNER	JIMMY JOE & MONICA JAMES
SCOPE OF WORK	STRUCTURAL NOTES
REVISION	7/16/18
DESIGN CONSULTANT	WASILLA ALASKA
 <p>NUSHAGAK CONSULTANTS 225 EAST FIREWEED ANCHORAGE, ALASKA 99503</p>	
Scale:	N/A
Drawn by:	jn
Date:	6/10/18
Job No.	D2012
DRAWING	
Category	Sheet
S	0



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2
S1 **SECOND FLOOR FRAMING PLAN**
EXISTING Scale: 1/8" : 1'-0"



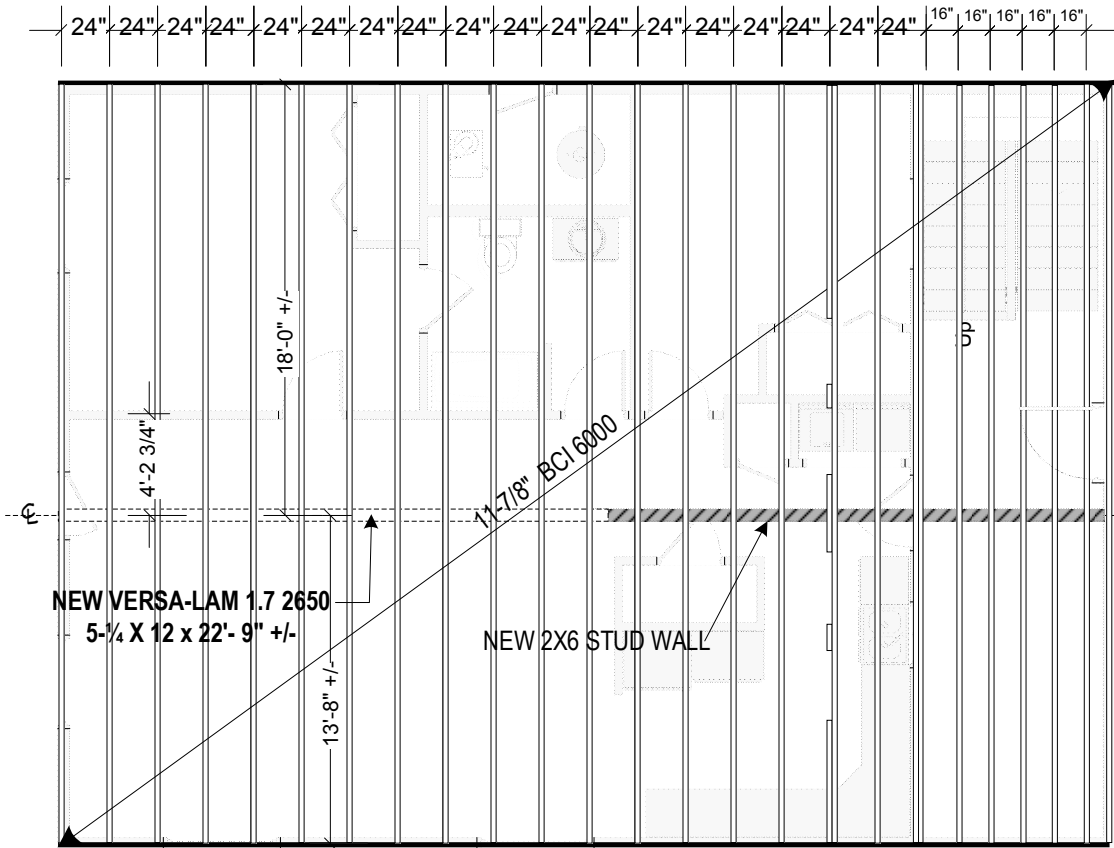
1
S1 **FIRST FLOOR FRAMING PLAN**
EXISTING Scale: 1/8" : 1'-0"

PROJECT	AS-BUILT DRAWING		
OWNER	JIMMY JOE & MONICA JAMES		
SYSTEM	SCOPE OF WORK	FLOOR FRAMING PLAN	
REVISION	7-16-18		
WASILLA ALASKA			

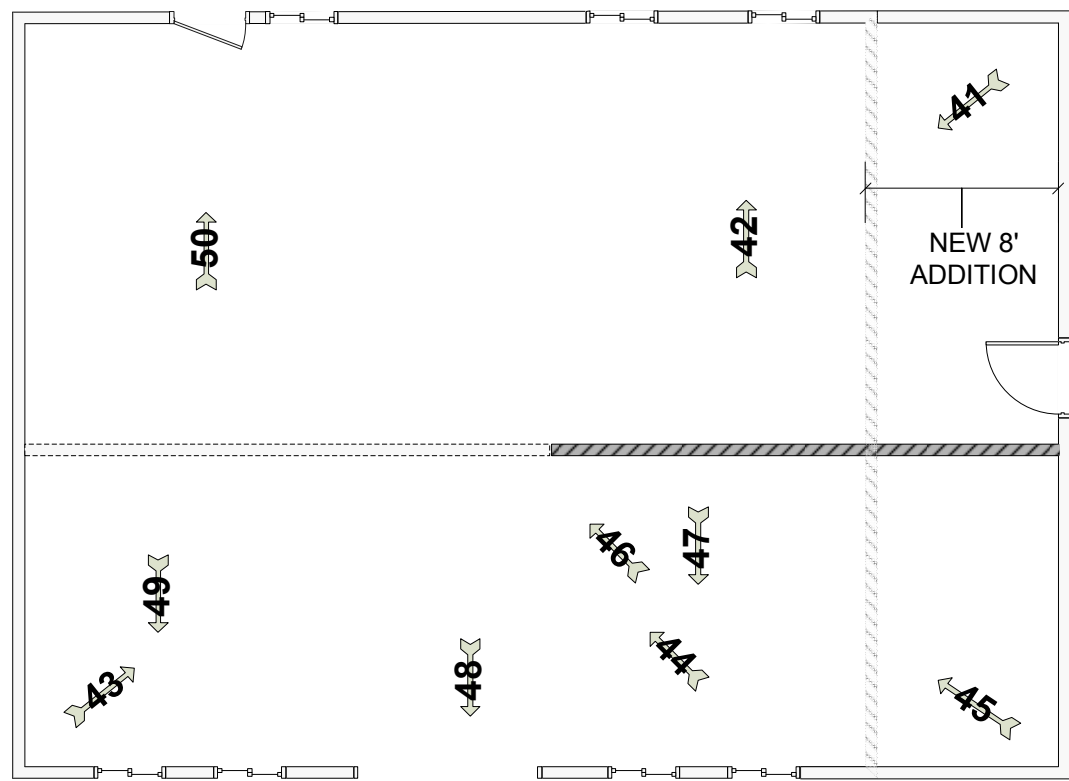
NUSHAGAK CONSULTANTS	
225 EAST FIREWEED	
ANCHORAGE, ALASKA 99503	
DESIGN CONSULTANT	

Scale:	1/8" = 1'-0"
Drawn by:	jn
Date:	6/4/18

Job No.	
Category	Sheet
S	1



2
S1
SECOND FLOOR FRAMING PLAN
EXISTING Scale: 1/8" : 1'-0"



1
S1
FIRST FLOOR PHOTO INDEX
EXISTING Scale: 1/8" : 1'-0"



AS-BUILT DRAWING

JIMMY JOE & MONICA JAMES

1ST FLOOR PHOTOS

WASILLA ALASKA

PROJECT

OWNER

SYSTEM

REVISION

NUSHAGAK CONSULTANTS
225 EAST FIREWEED
ANCHORAGE, ALASKA 99503

DESIGN CONSULTANT

Scale:

1/8" = 1'-0"

Drawn by: jn

Date: 6/25/18

Job No.

Category Sheet

S 1A

SCOPE OF WORK

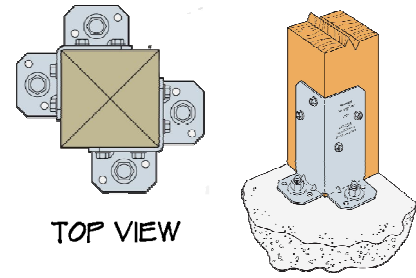
7/16/18



3 4X12 BEAM
4X4 ALL WEATHER WOOD PIER
2'X2' CONCRETE PAD



2 9-7/8" BC'S
4X12 BEAM
4X4 ALL WEATHER WOOD PIER
CONCRETE FOUNDATION WALL
& FOOTING

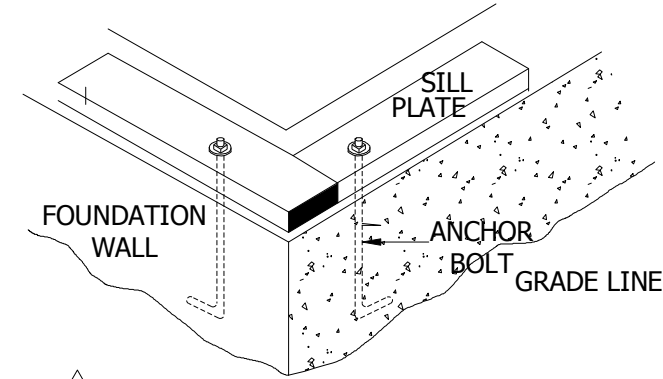


SIMPSON RPBZ
RETROFIT POST BASE
(TYPICAL)

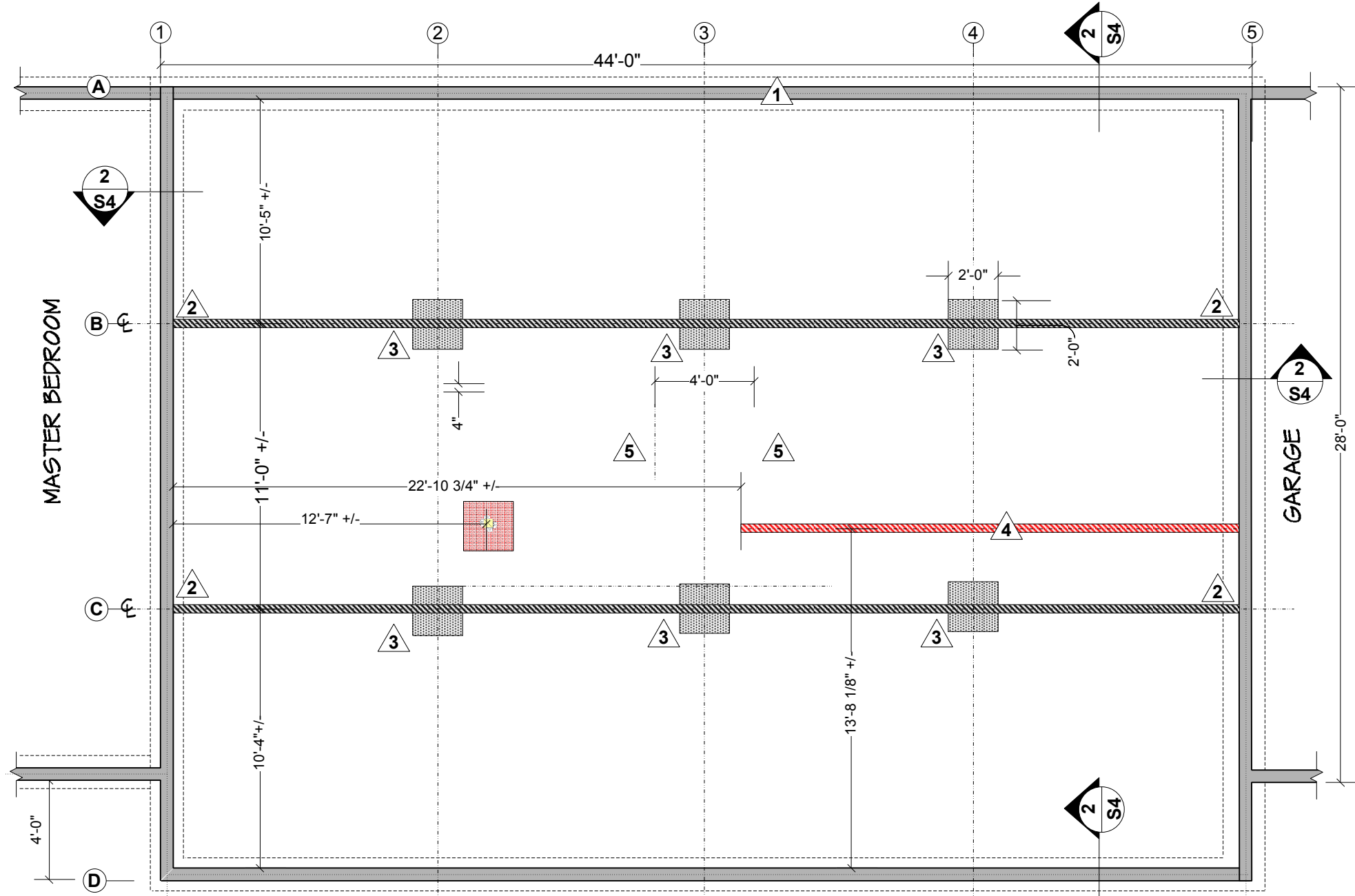
4 PONY WALL TO SUPPORT BEARING WALL
ON FIRST FLOOR; SEE 2 DETAILS
OR BEAM & PIER S-4

5 4X4 ALL WEATHER WOOD PIER ON CONCRETE
PAD TO SUPPORT 6X12 BEAM ON SECOND FLOOR

SEE 2 S1A 1 A1 FOR BEAM LOCATION



1 TYPICAL ANCHORAGE OF SILL TO FOUNDATION WALL



NOTES: MASTER BEDROOM TO BE SIMILAR DESIGN
GARAGE IS A THICKEN EDGE SLAB

VERIFY ALL MEASUREMENTS IN THE FIELD

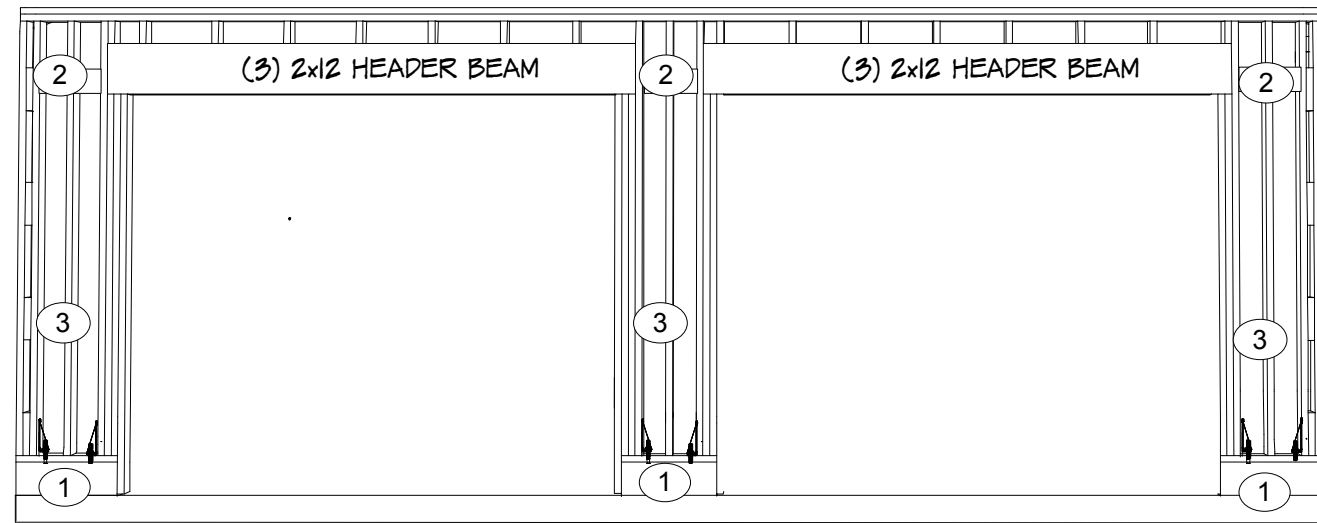
1
S1B

EXISTING FIRST FLOOR PIER & BEAM FOUNDATION

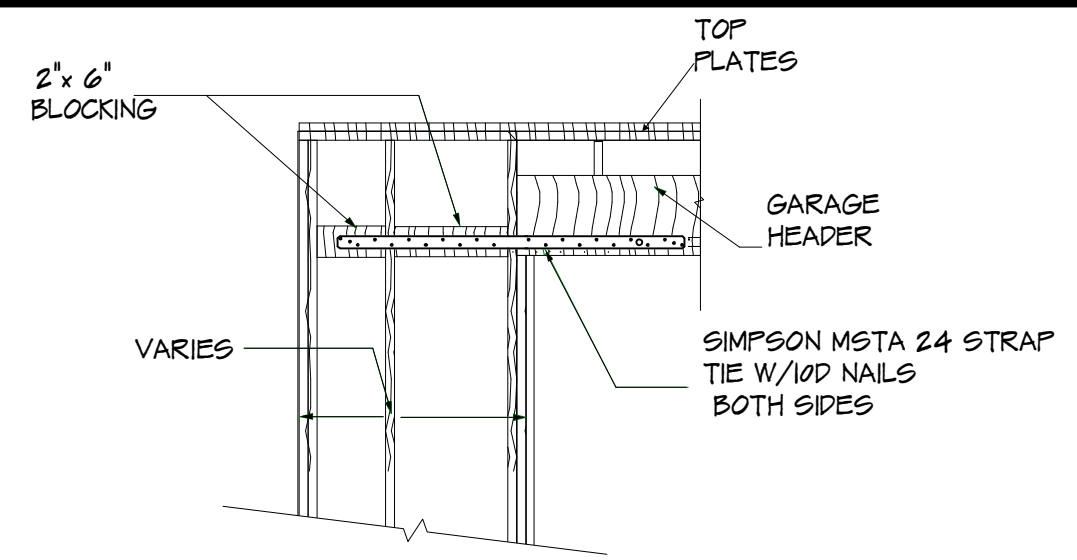
Scale: 3/16" : 1'-0"

AS-BUILT DRAWING	
PROJECT	JIMMY JOE & MONICA JAMES
OWNER	MAIN FLOOR FOUNDATION
SYSTEM	SCOPE OF WORK
REVISION	7/16/18
NUSHAGAK CONSULTANTS 225 EAST FIREWEED ANCHORAGE, ALASKA 99503 	
DESIGN CONSULTANT	
Scale:	3/16" = 1'-0"
Drawn by:	jn
Date:	7.5.18
Job No.	
Category	Sheet
S	1B

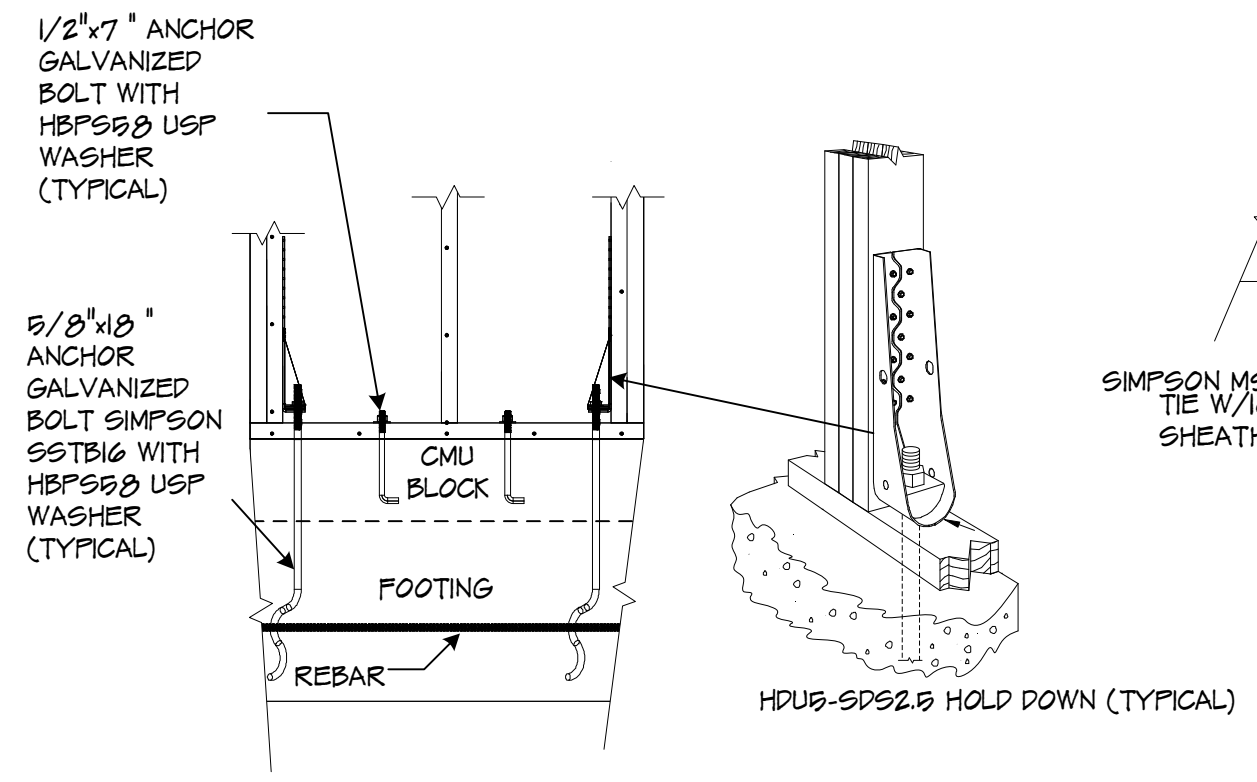
WASILLA, ALASKA



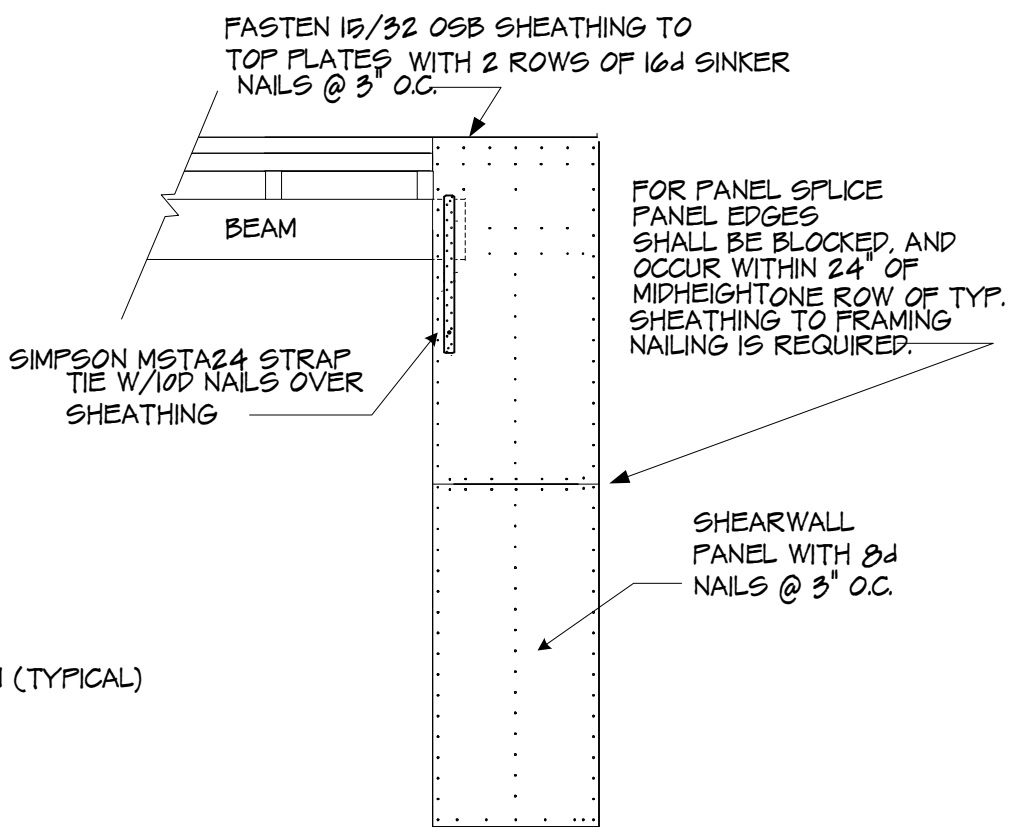
H1 GARAGE FRONT SHEAR TRANSFER WITH HEADER BEAM
S2 N.T.S



2 BLOCKING AND MST STRAP DETAIL
 N.T.S



1 GARAGE FRONT ANCHOR BOLT & HOLD DOWN DETAIL
 N.T.S



3 SHEARWALL PANEL AND MST STRAP DETAIL
 N.T.S

NOTE: AN OPTION TO THIS GARAGE SHEAR TRANSFER WITH HEADER BEAM WOULD BE TO INSTALL:



AS DELINEATED ON: **1**
S2A

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PROJECT		CONCEPT DRAWING	
OWNER		JIMMY JOE & MONICA JAMES	
SYSTEM	SCOPE OF WORK	GARAGE SHEARWALL	
REVISION	7/2/18	Location WASILLA ALASKA	
NUSHAGAK CONSULTANTS		225 EAST FIREWEED	
ANCHORAGE, ALASKA 99503		DESIGN CONSULTANT	
Scale: N/A			
Drawn by: jn			
Date: 6/10/18			
Job No. D2012			
DRAWING			
Category	Sheet		
S	2		

FULL LENGTH GARAGE HEADER

MINIMUM SIZE SHALL BE:

6 x 12 DFL
5 1/8 X 12 GLB

ALTERNATE HEADERS ALLOWED.
SEE ICC REPORT.

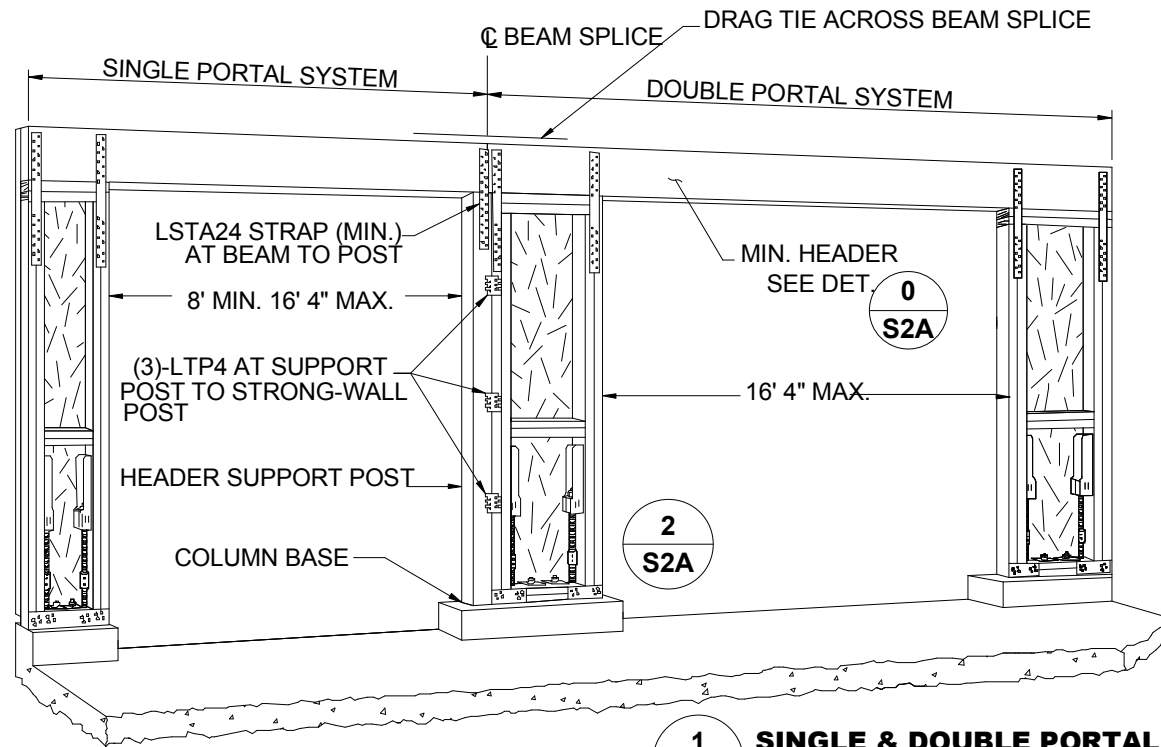
SHEATHING TO HEADER
SEE DET.

SDS 1/4"x6" SCREWS

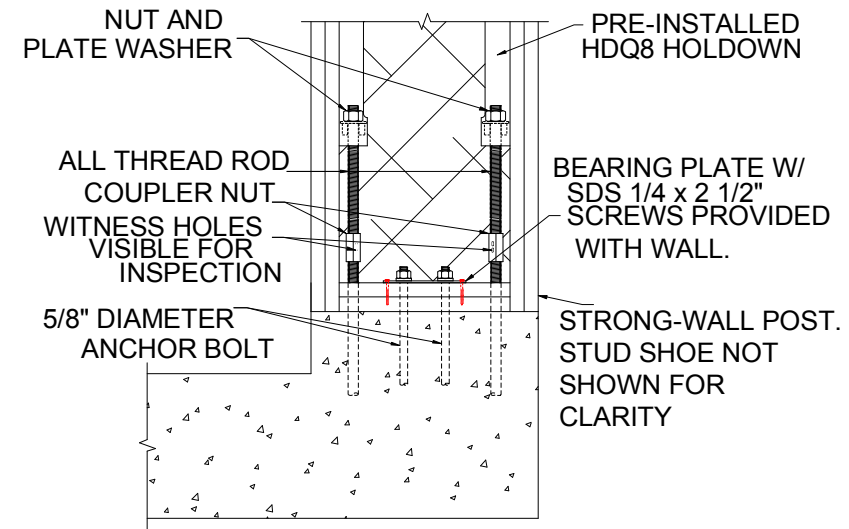
10 ga. STRAP-SEE
DET.

TOP PLATES OF
STRONG-WALL

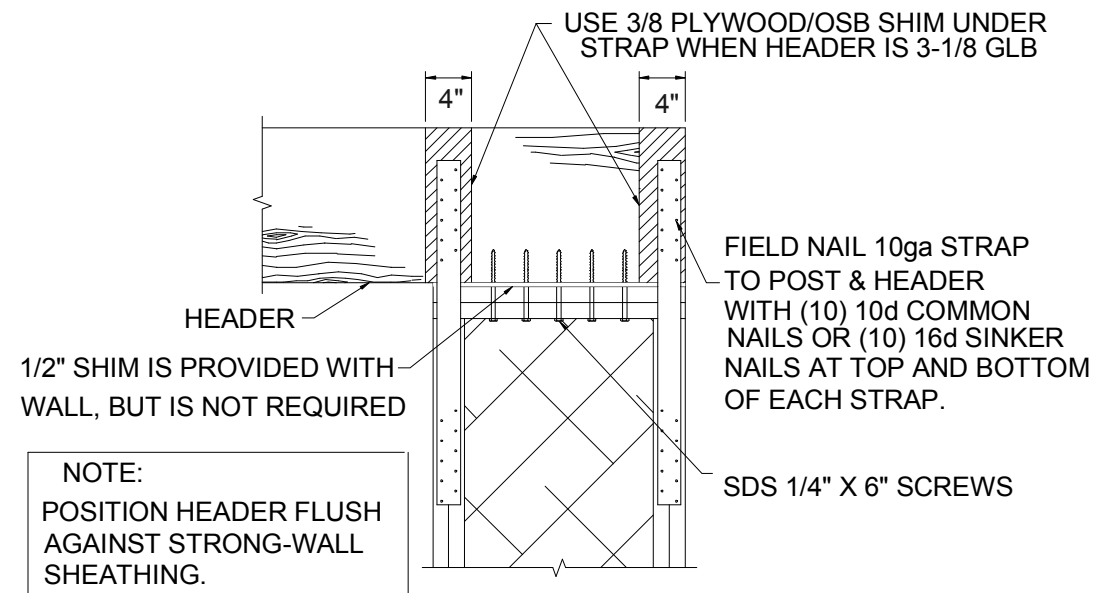
0
S2A
5.75" PORTAL WALL SECTION
N.T.S



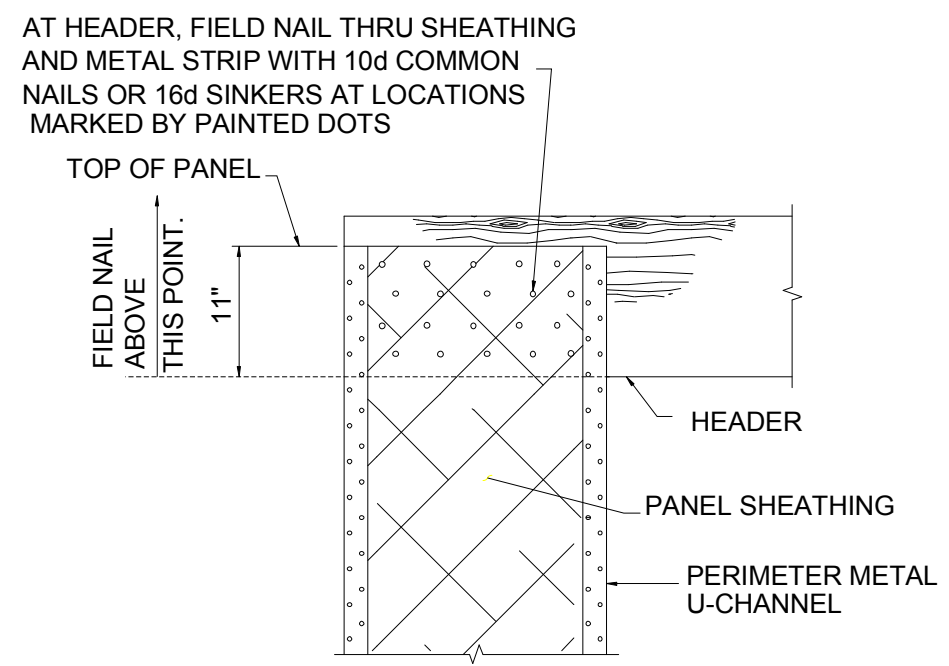
1
S2A
SINGLE & DOUBLE PORTAL ASSEMBLY
N.T.S



2
S2A
PORTAL WALL SILL
N.T.S



3
S2A
TOP OF WALL CONNECTION
N.T.S



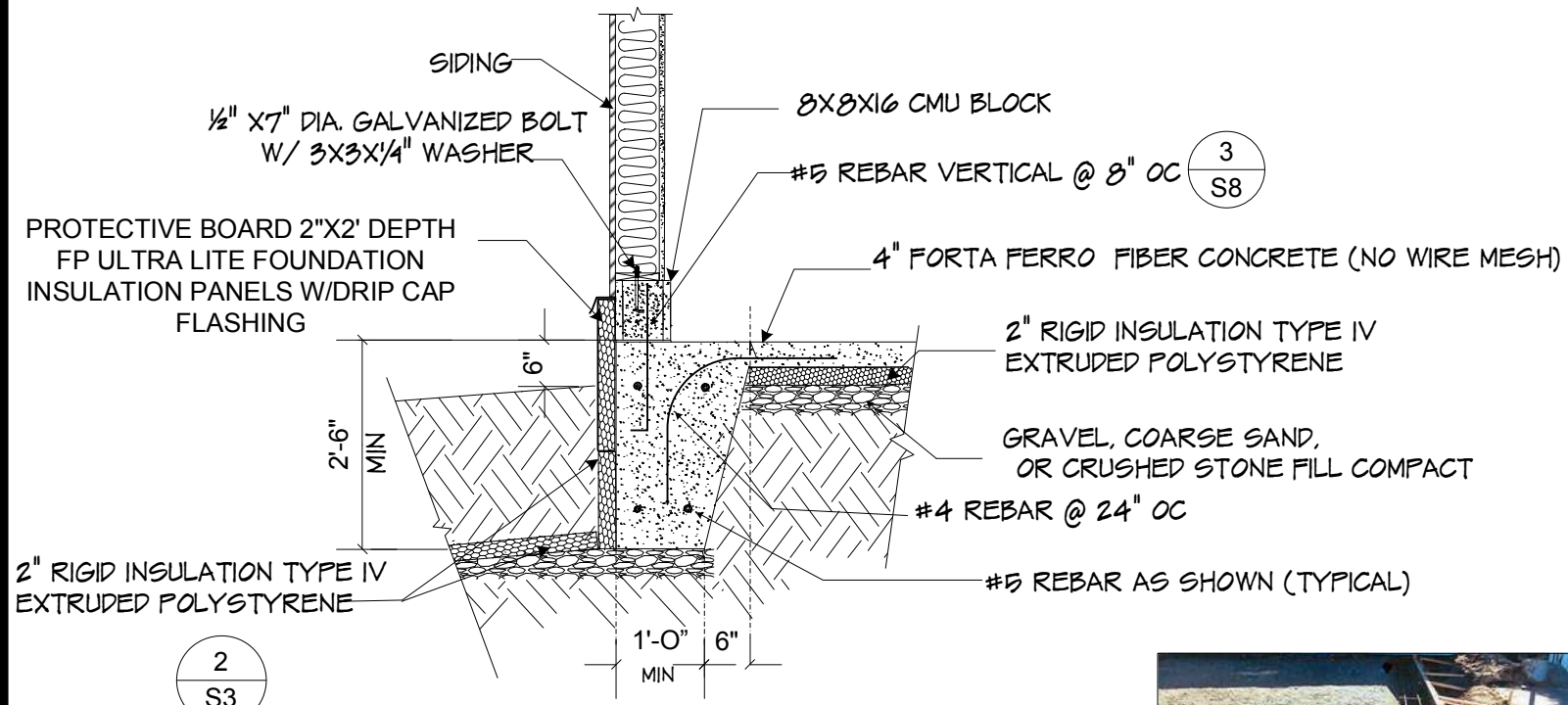
4
S2A
TOP OF WALL CONNECTION
N.T.S

INSTALLATION OF THIS PRODUCT SHALL BE DONE IN STRICT CONFORMANCE TO THESE DRAWINGS AND THE STRONG-WALL INSTALLATION GUIDE. MODIFICATIONS TO THIS PRODUCT AND ASSOCIATED SYSTEMS OR CHANGES IN THE INSTALLATION METHODS SHOWN ON THESE DRAWINGS AND THE INSTALLATION GUIDE SHOULD ONLY BE MADE BY A QUALIFIED STRUCTURAL ENGINEER.

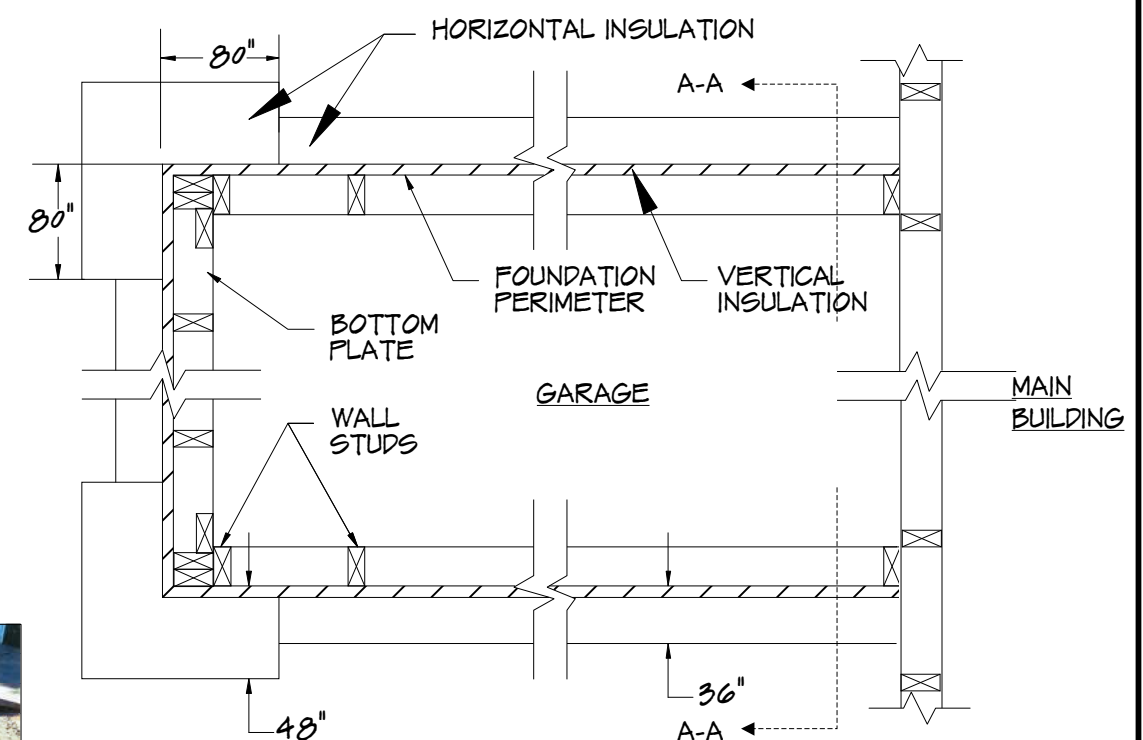


NOTE: FOR MORE COMPREHENSIVE DETAILS GOOGLE:
Simpson Wood Strong-Wall Structural Details
Scroll down to: Anchorage and installation details for garage portal applications.

PROJECT	CONCEPT DRAWING		
	OWNER	JIMMY JOE & MONICA JAMES	
SYSTEM	SCOPE OF WORK	GARAGE SHEARWALL SIMPSON	
	REVISION	WASILLA ALASKA	
DESIGN CONSULTANT	NUSHAGAK CONSULTANTS		
	225 EAST FIREWEED ANCHORAGE, ALASKA 99503		
Scale:	N/A		
Drawn by:	jn		
Date:	7/4/18		
Job No.:	D2012		
DRAWING	Category Sheet		
S		2A	



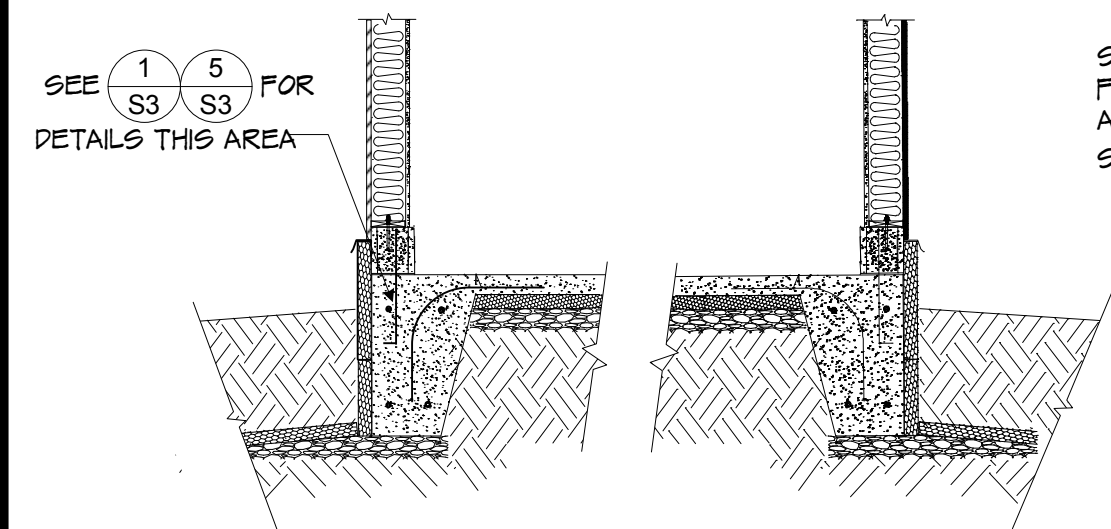
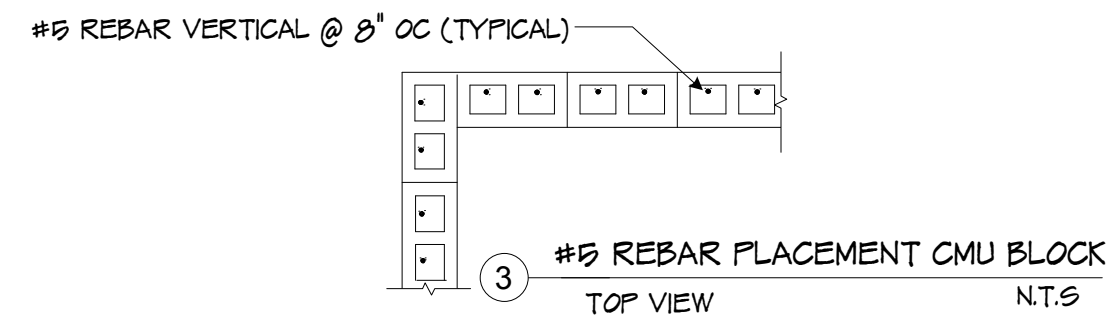
2/S3
 1 GARAGE MONOLITHIC EDGE SLAB DETAIL N.T.S



2 RIGID INSULATION EXTRUDED POLYSTYRENE PLAN N.T.S



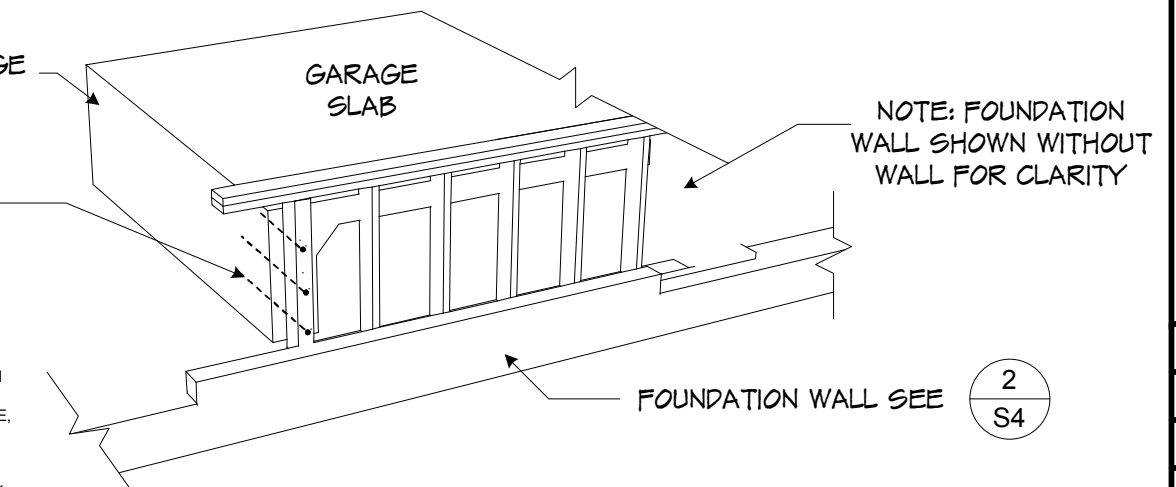
MONOLITHIC EDGE FORMS DESIGNED AND INSTALLED BY JERRY 1998



MONOLITHIC EDGE
 SECURE MONOLITHIC EDGE INTO FOUNDATION WALL WITH #5 REBAR AS SHOWN (TYPICAL) USE HIGH STRENGTH ANCHORING EPOXY

NOTE: THIS IS A CONCEPT & AS-BUILT DRAWING. IN NO EVENT WILL NUSHAGAK CONSULTANTS (NAKCO) BE LIABLE FOR ANY INCIDENTAL, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING DIRECTLY OR INDIRECTLY FROM THE CONSTRUCTION OR USE OF THIS DRAWING. NAKCO EXPRESSLY ACCEPTS NO LIABILITY OF ANY KIND FOR THE CONTENTS ON THIS DRAWING.

VERIFY IN FIELD DIMENSIONS AND LOCATION OF EXISTING AND NEW FEATURES SHOWN ON THIS DRAWING ARE FOR THE INSTALLERS CONVENIENCE ONLY. THE INSTALLER IS SOLELY RESPONSIBLE TO VERIFY CODE COMPLIANT AND IN THE FIELD ALL DIMENSIONS, SITE CONDITIONS, THE SIZE AND LOCATION OF NEW WALLS - WINDOWS, ETC. PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.



5 ISOMETRIC VIEW GARAGE SLAB & FOUNDATION N.T.S

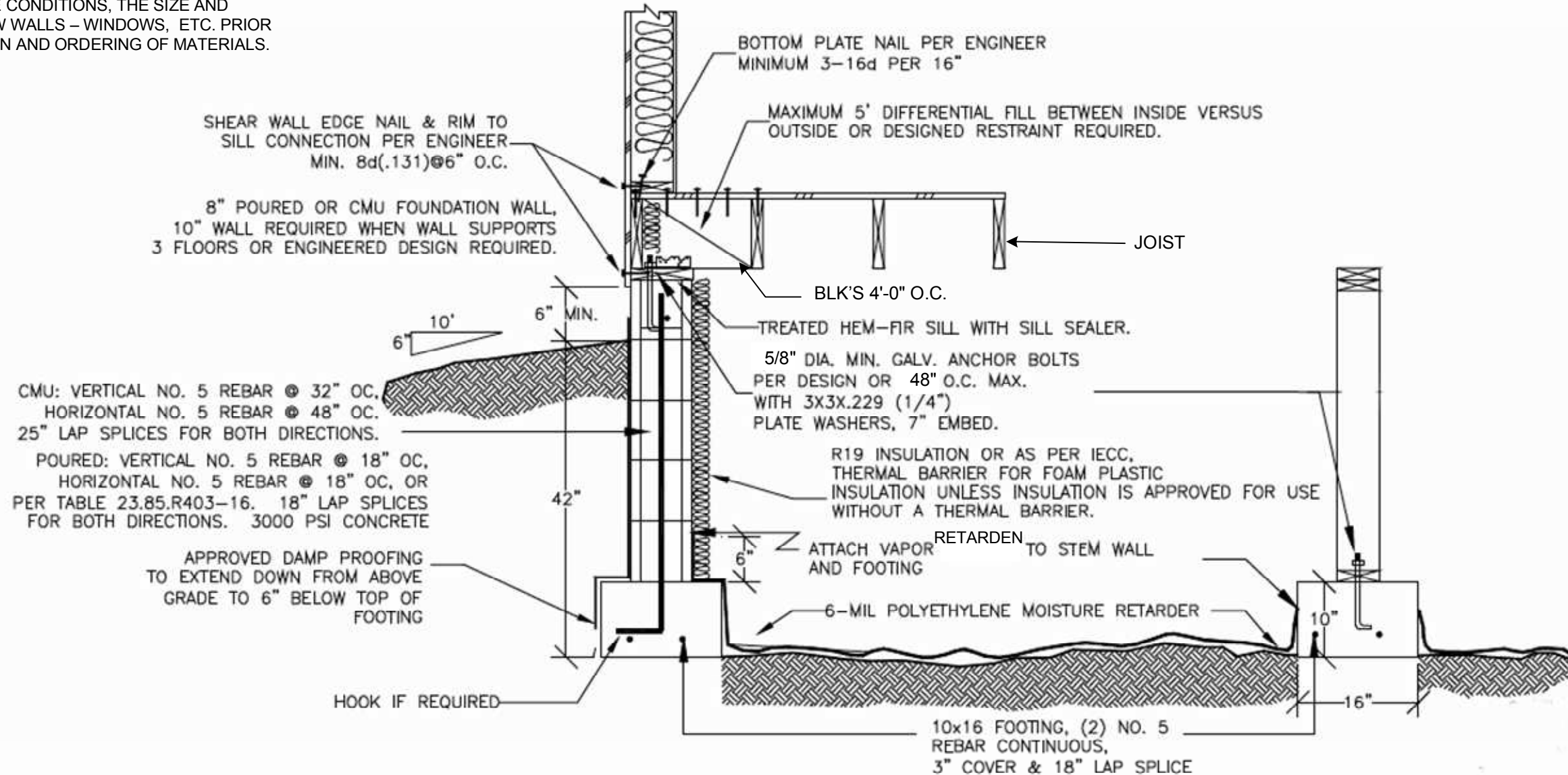
PROJECT		CONCEPT DRAWING	
OWNER		JIMMY & MONICA JAMES	
SYSTEM		MONOLITHIC GARAGE SLAB & INSULATION	
REVISION		7-5-18	
PROJECT		WASILLA ALASKA	
OWNER			
SYSTEM			
REVISION			
NUSHAGAK CONSULTANTS		225 EAST FIREWEED ANCHORAGE, ALASKA 99503	
DESIGN CONSULTANT			
Scale: N/A			
Drawn by: jn			
Date: 6/10/18			
Job No. D2012			
DRAWING			
Category	Sheet		
S	3		

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TYPICAL EXTERIOR FOUNDATION

INTERIOR PONY WALL ON FOOTING



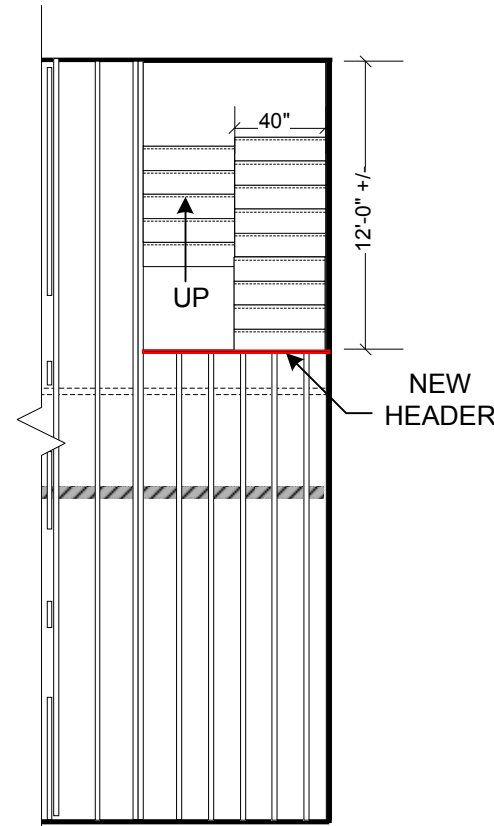
PER MUNICIPALITY OF ANCHORAGE HANDOUT RD.01

2
S-4

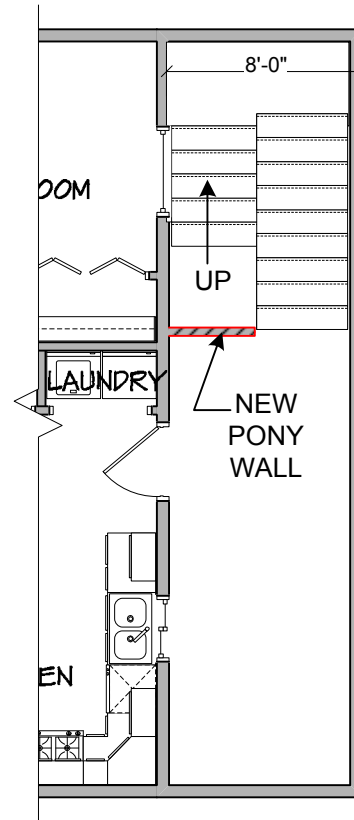
TYPICAL EXTERIOR FOUNDATION

N.T.S

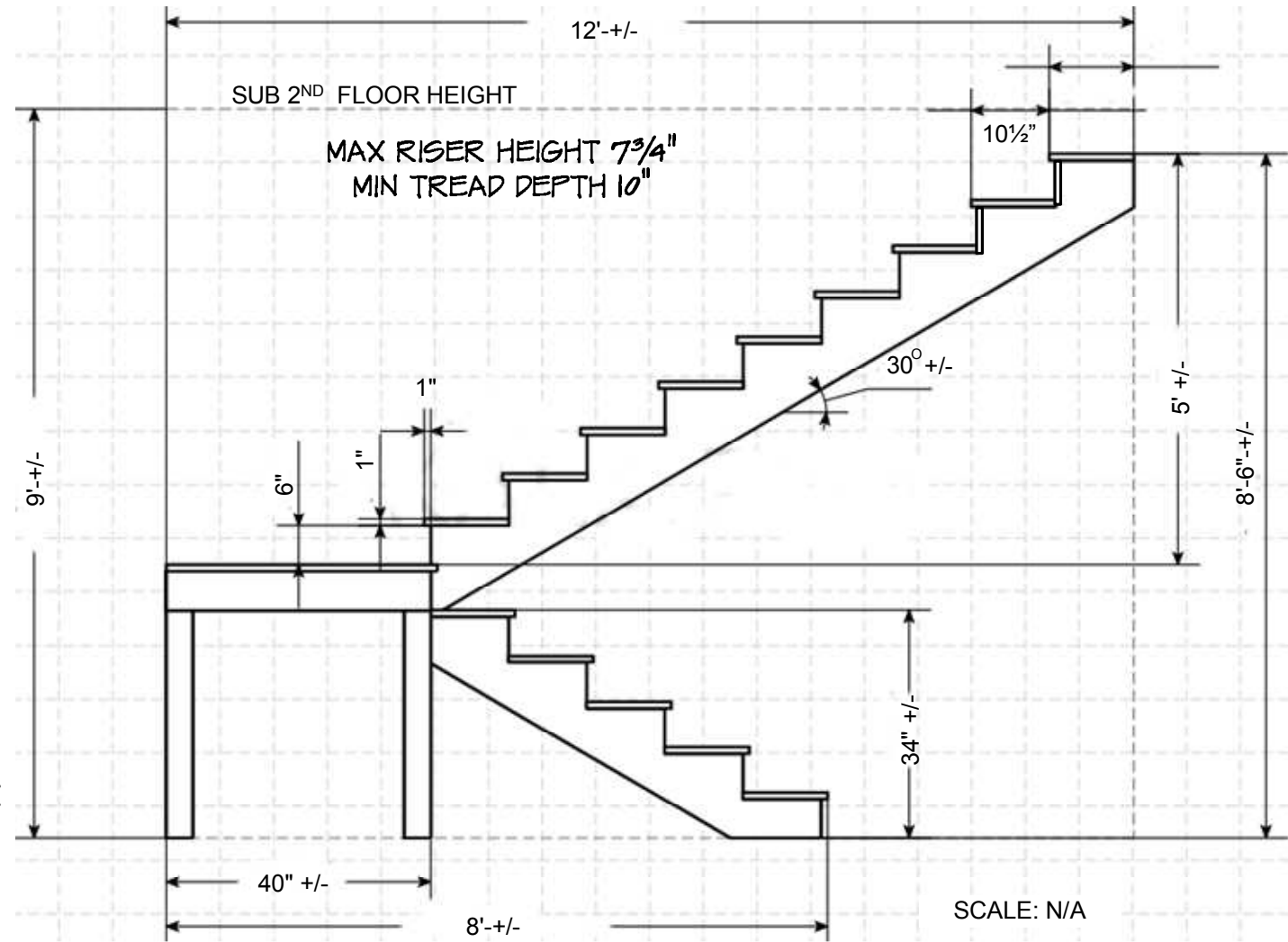
PROJECT		CONCEPT DRAWING	
OWNER		JIMMY JOE & MONICA JAMES	
DESIGN CONSULTANT		FOUNDATION DETAILS	
NUSHAGAK CONSULTANTS 225 EAST FIREWEED ANCHORAGE, ALASKA 99503		WASILLA ALASKA	
SCALE	Scale: n/a	SYSTEM	SCOPE OF WORK
DATE	Date: 6/10/18	REVISION	7.16.18
JOB NO.	Job No. D2012		
DRAWING			
Category	Sheet		
S	4		



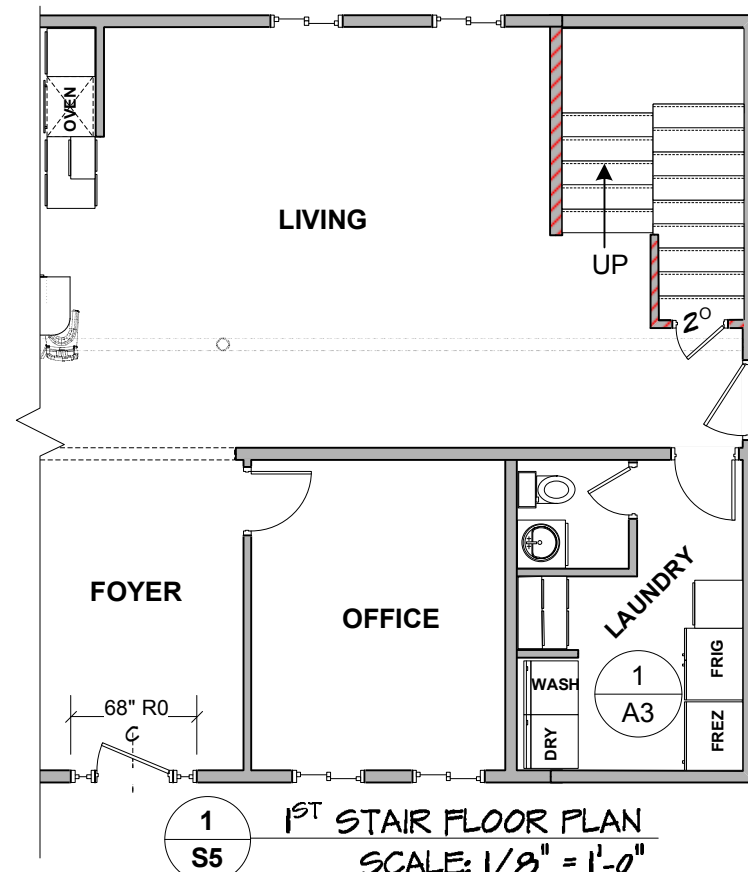
1
S5 2ND FLOOR BCI STAIR FRAMING
SCALE: 1/8" = 1'-0"



2
S5 2ND STAIR FLOOR PLAN
SCALE: 1/8" = 1'-0"



3
S6 CONCEPT U SHAPE STAIRS DETAIL
VERIFY ALL MEASUREMENTS IN THE FIELD



1
S5 1ST STAIR FLOOR PLAN
SCALE: 1/8" = 1'-0"



THE CONCEPT

PROJECT CONCEPT U SHAPE STAIRS

OWNER JIMMY JOE & MONICA JAMES

SYSTEM SCOPE OF WORK

REVISION STAIRS 1ST TO 2ND FLOOR

WASILLA ALASKA

NUSHAGAK CONSULTANTS
225 EAST FIREWEED
ANCHORAGE, ALASKA 99503

DESIGN CONSULTANT
jerrynicholson@alaska.net

Scale:

1/8" = 1" - 0"

Drawn by: jn

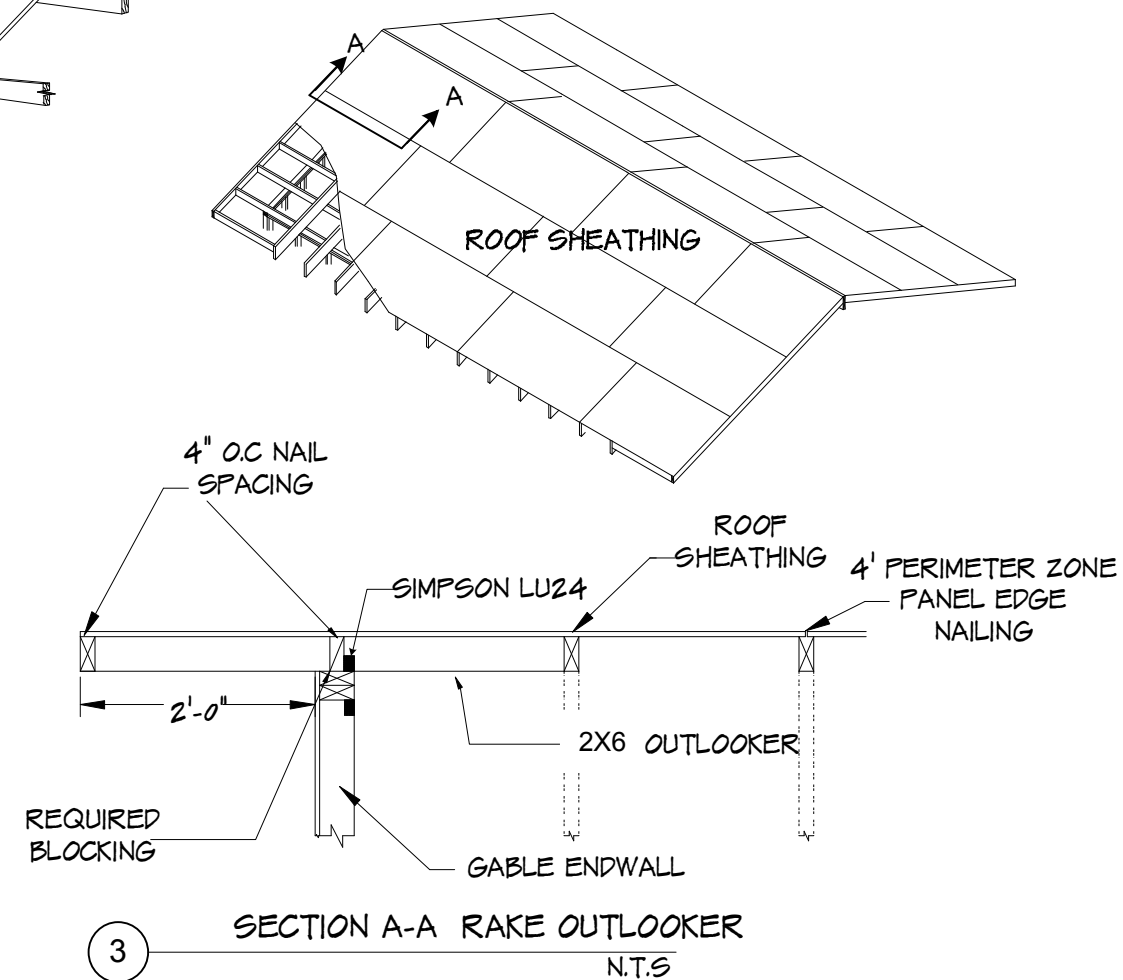
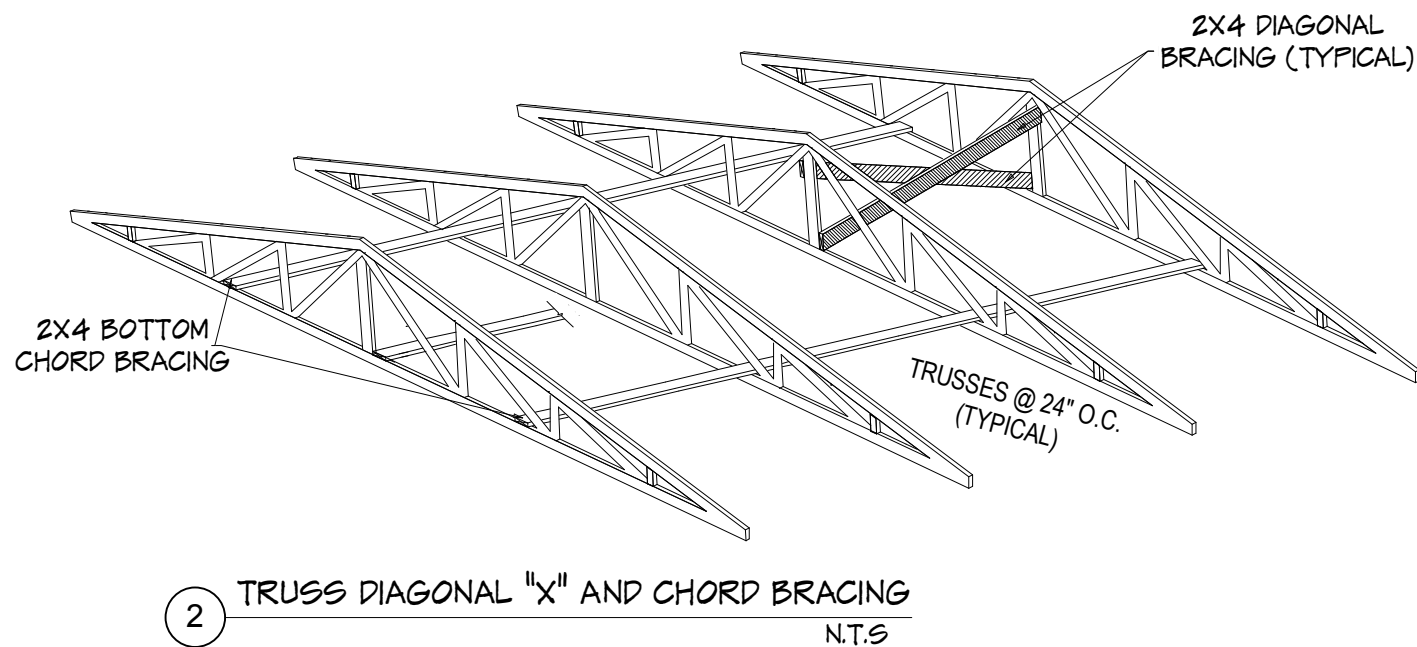
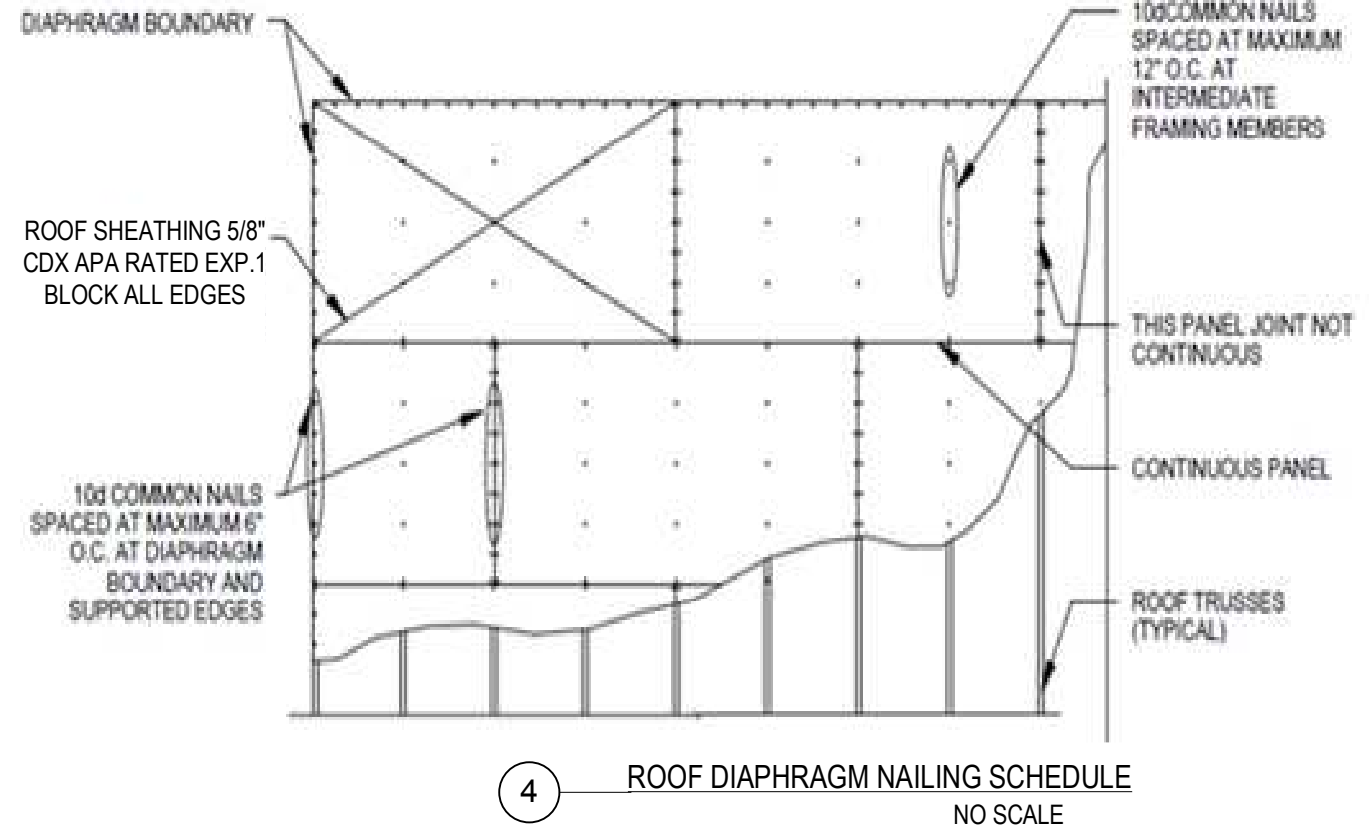
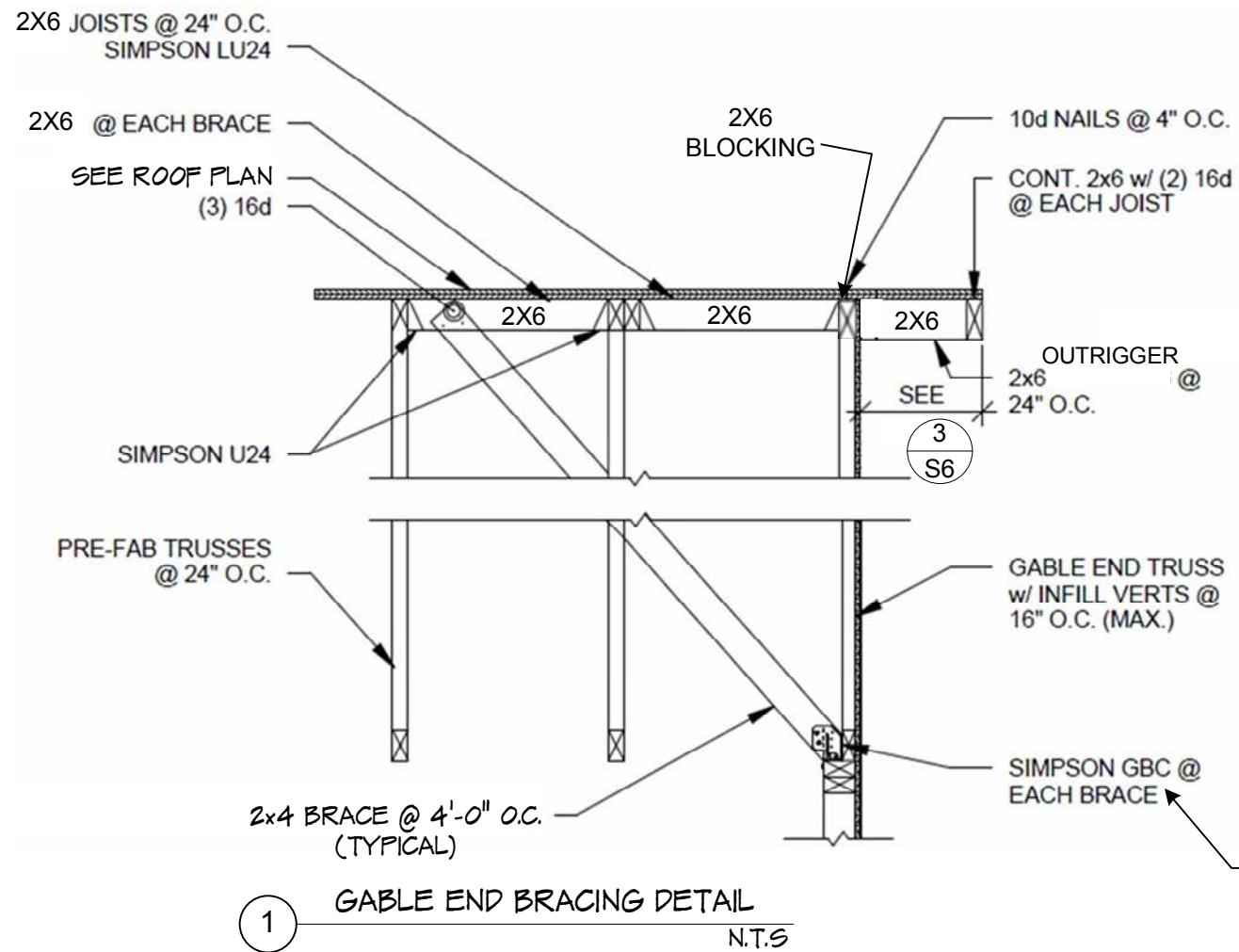
Date: 7.7.18

Job No.

Category Sheet

S

5



NOTE : 2x4 "X" VERTICAL BRACING APPROXIMATE AS SHOWN AND PERMANENT BRACING OF TRUSS CHORDS & WEB MEMBERS SHALL BE INSTALLED IN ACCORDANCE WITH BCSI, SBCA & TPI PUBLICATION JUNE 2006 BCSI-B3. THE TRUSS MANUFACTURER SHALL PROVIDE INSTRUCTION TO FIELD CONSTRUCTION PERSONNEL INDICATING PROPER ERECTION PROCEDURES OF TRUSSES AND INSTALLATION OF CONNECTIONS AND ANY BRIDGING AND BRACING.

CONCEPT DRAWINGS

PROJECT

JIMMY JOE & MONICA JAMES

OWNER

SCOPE OF WORK

BEDROOM & GARAGE ROOF DETAILS

REVISION

7/16/18

WASILLA ALASKA

NUSHAGAK CONSULTANTS
225 EAST FIREWEED
ANCHORAGE, ALASKA 99503

DESIGN CONSULTANT

Scale: N/A

Drawn by: jn

Date: 7.10.18

Job No. MJ

DRAWING

Category Sheet

S 6