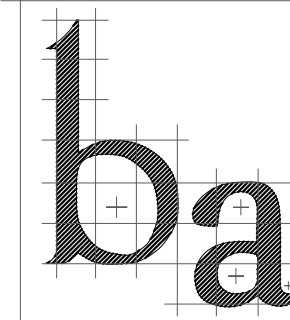
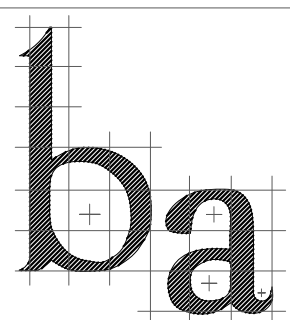


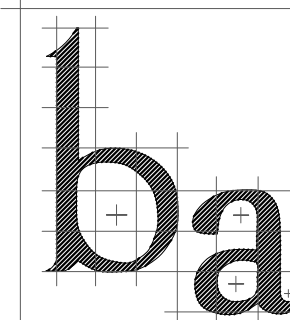
ADDITIONS AND ALTERATIONS TO
TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT NEW HAMPSHIRE



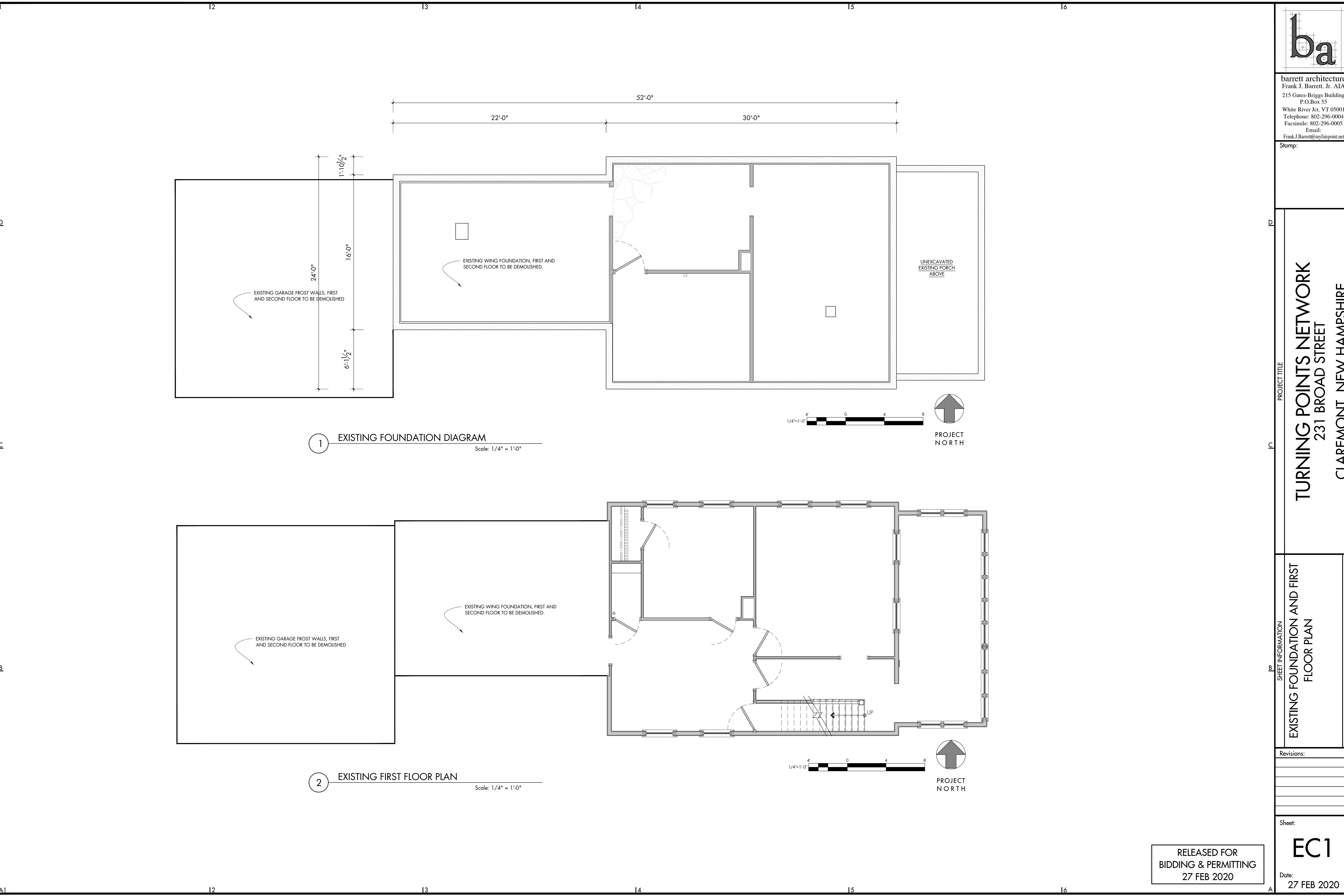
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BIDDING & PERMITTING
27 FEBRUARY 2020



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ADDITIONS AND ALTERATIONS TO
TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT NEW HAMPSHIRE



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Stamp:

PROJECT TITLE

TURNING POINTS NETWORK

231 BROAD STREET

CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION

EXISTING FOUNDATION AND FIRST FLOOR PLAN

FLOOR PLAN

Revisions:

Sheet:

EC1

Date:

27 FEB 2020

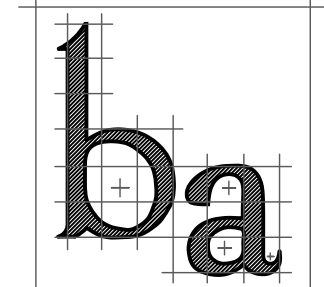
Drawn By:

MTM

Checked By:

TPO

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Stamp:

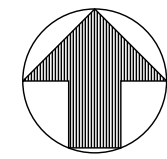
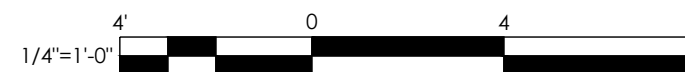
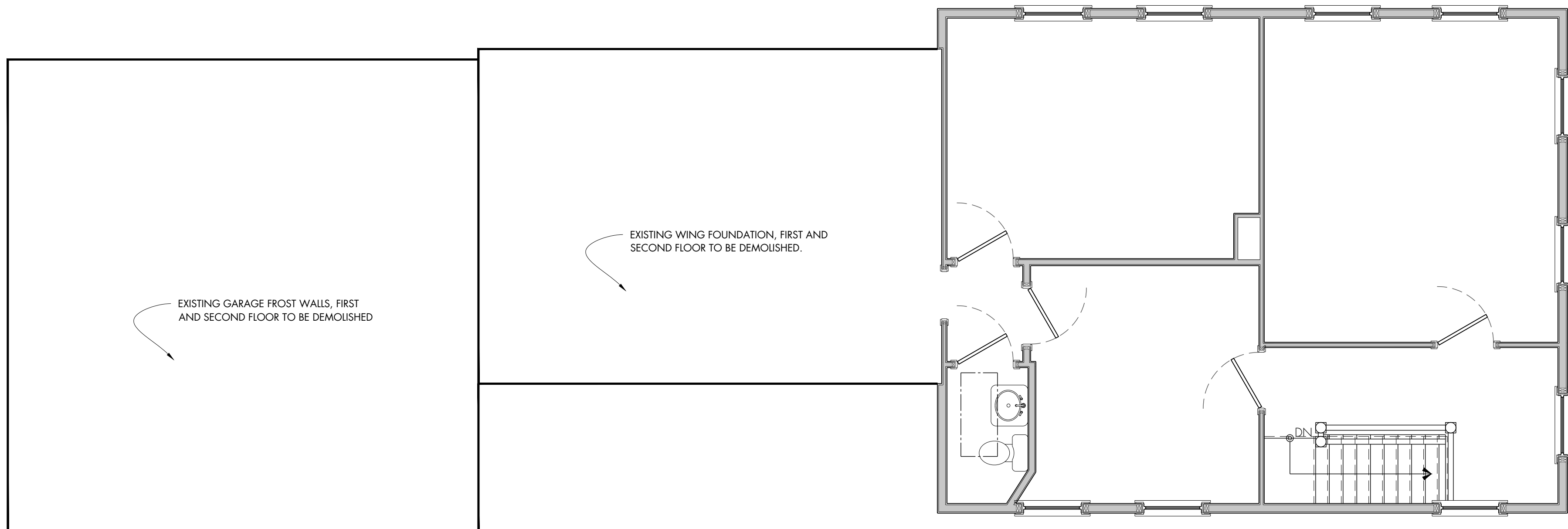
PROJECT TITLE
TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION
**EXISTING SECOND FLOOR PLAN
AND
BUILDING SECTION**
Drawn By: MTM
Checked By: TPO

Revisions:

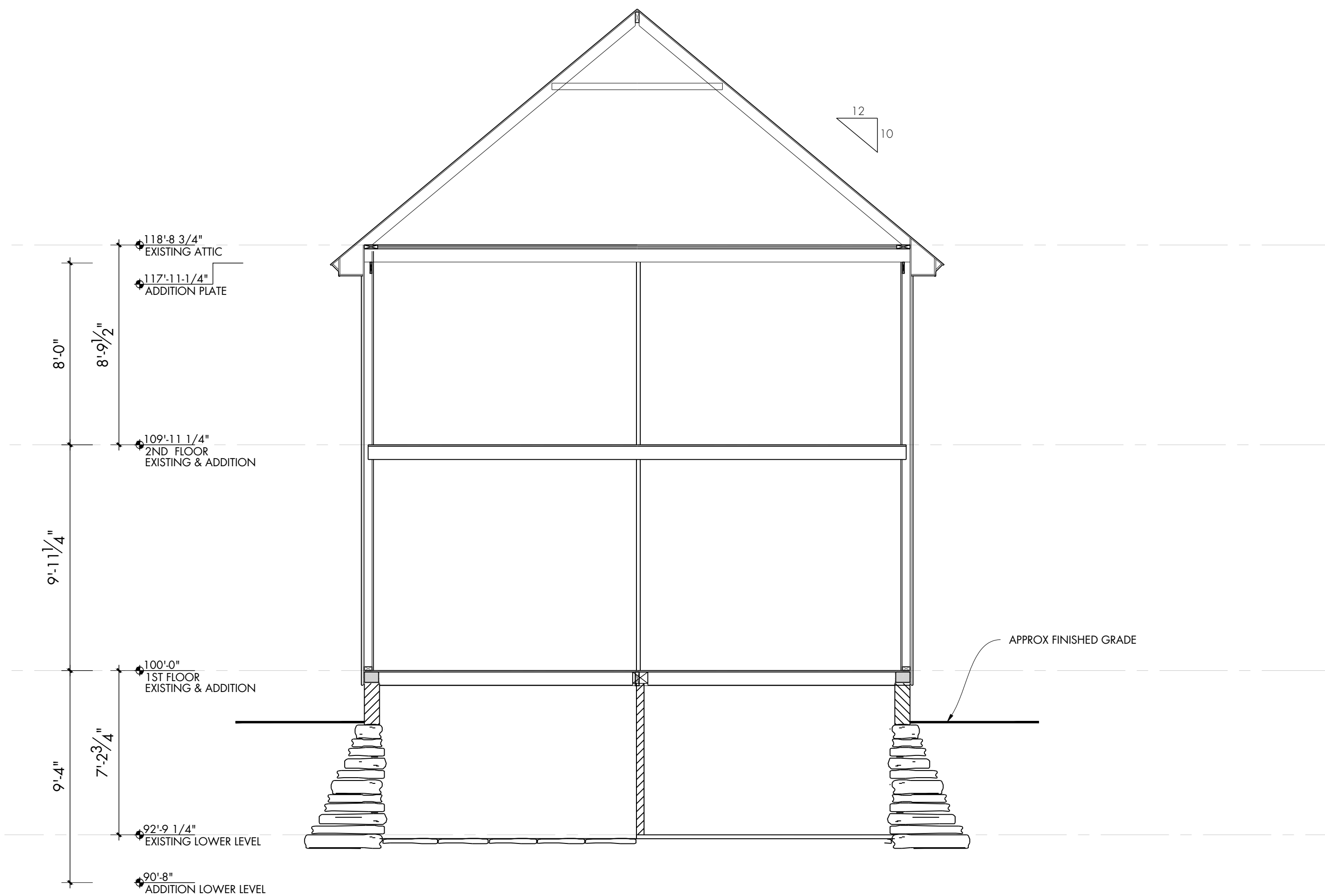
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Date:
27 FEB 2020

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27 FEB 2020



1 EXISTING SECOND FLOOR PLAN

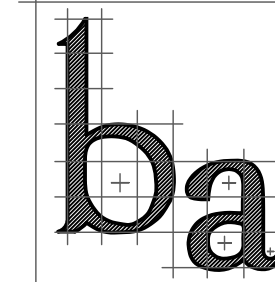
Scale: 1/4" = 1'-0"



2 BUILDING SECTION @ MAIN BUILDING TO REMAIN

Scale: 1/4" = 1'-0"





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PROJECT TITLE
TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION
EXISTING ELEVATIONS

Revisions:

Sheet:

EC3

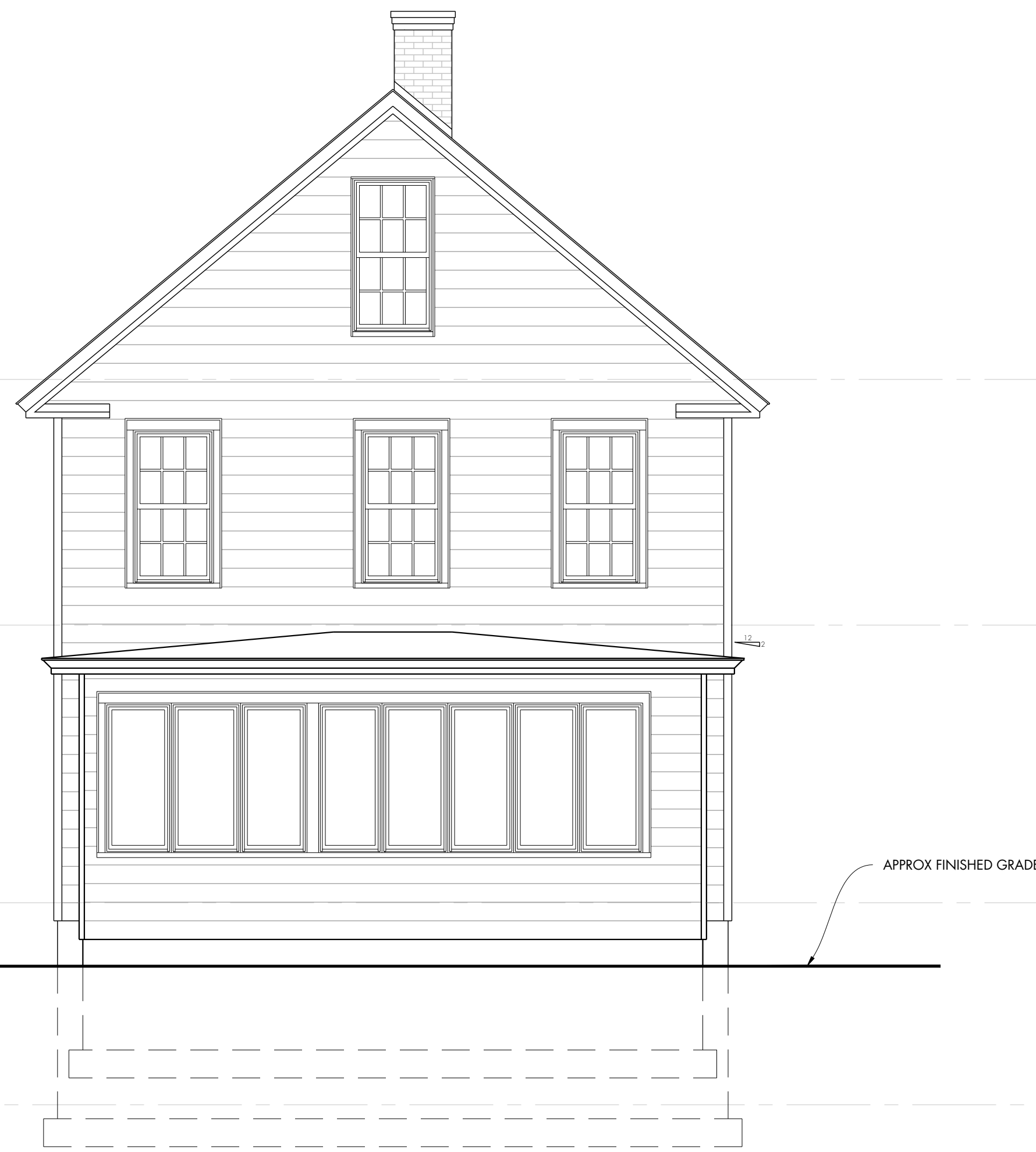
Date:
27 FEB 2020

Drawn By: MTM
Checked By: TPO



1 SOUTH ELEVATION

Scale: 1/4" = 1'-0"



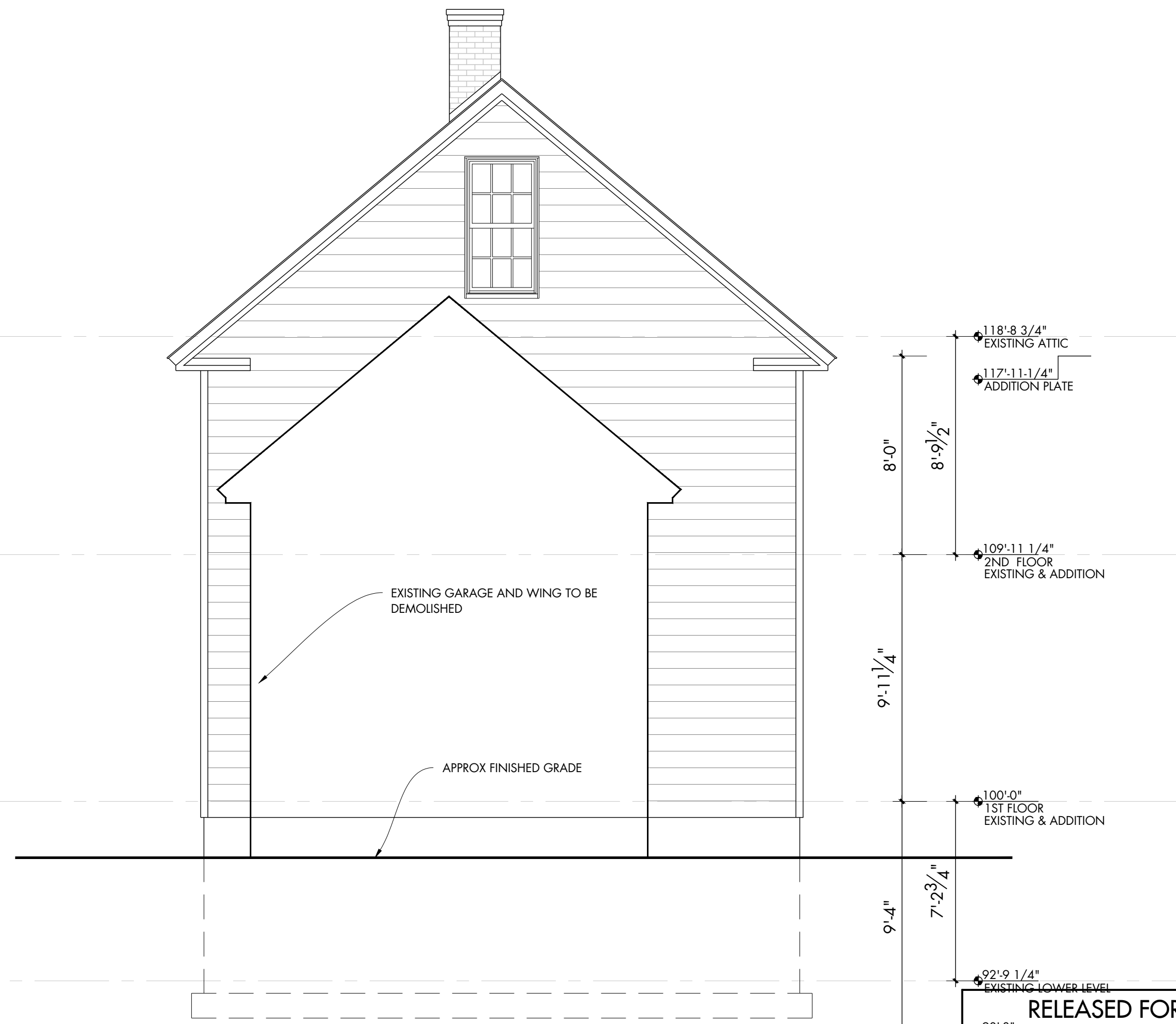
2 EAST ELEVATION

Scale: 1/4" = 1'-0"



3 NORTH ELEVATION

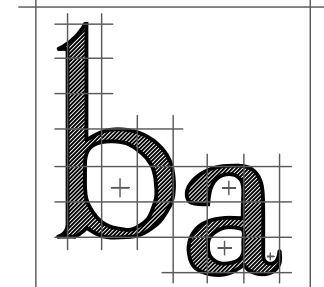
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4 WEST ELEVATION

Scale: 1/4" = 1'-0"

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PROJECT TITLE
TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION
**FOUNDATION AND FIRST FLOOR
DEMOLITION DIAGRAM**
Drawn By: MTM
Checked By: TPO

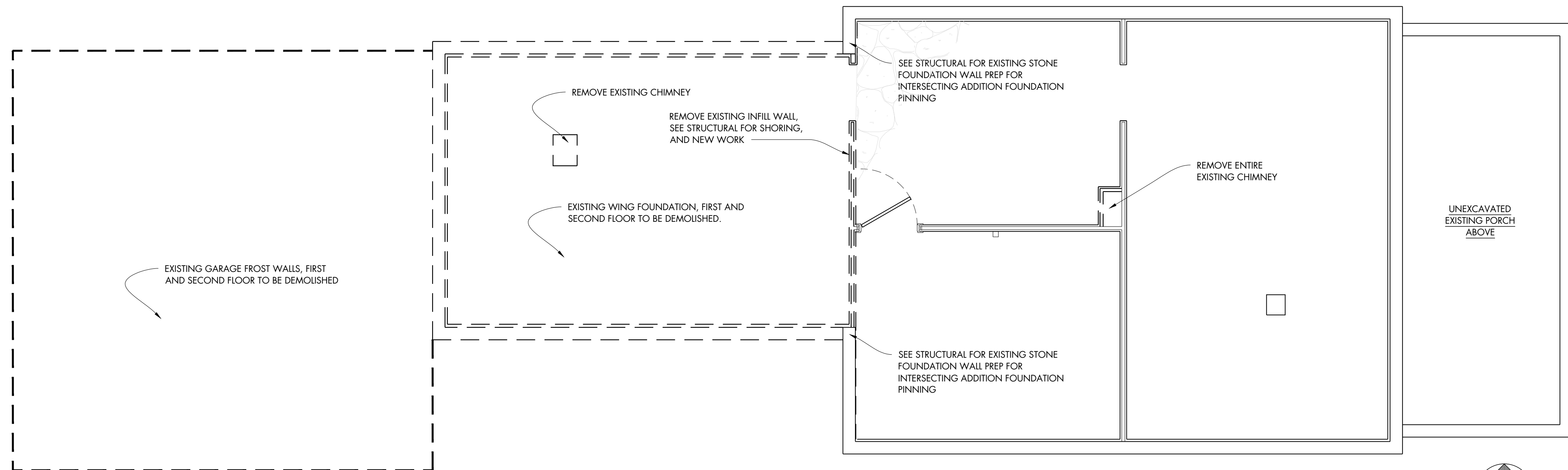
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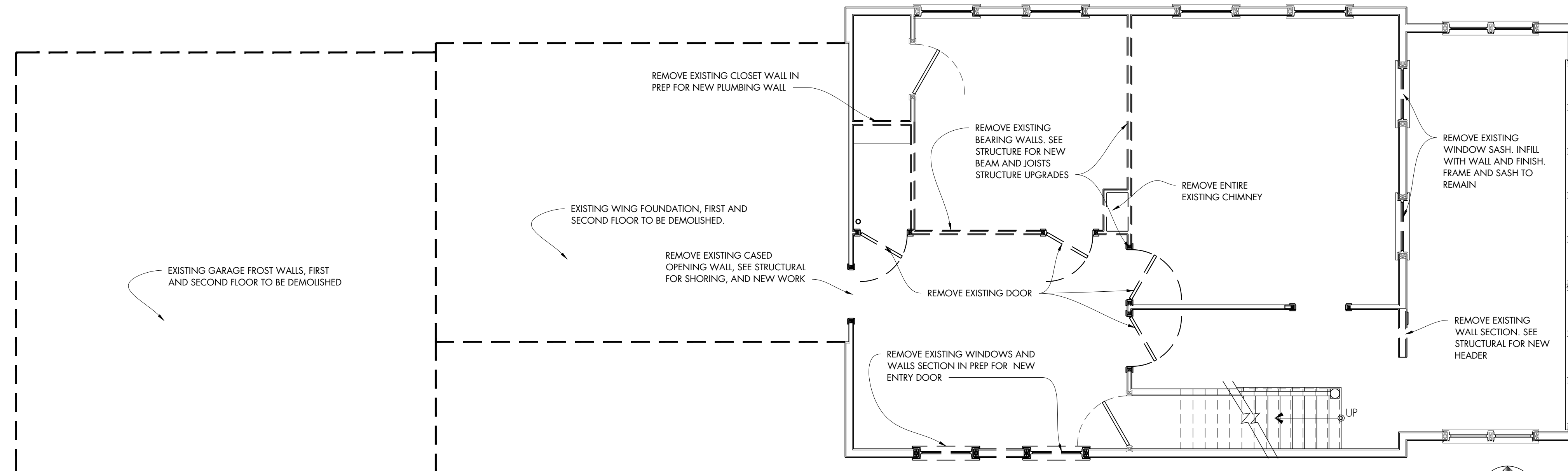
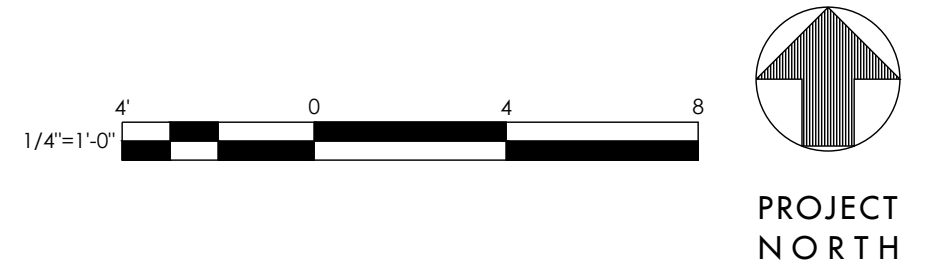
D1

Date:
27 FEB 2020

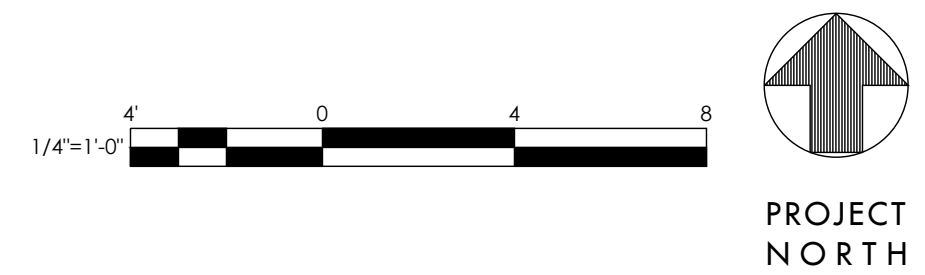
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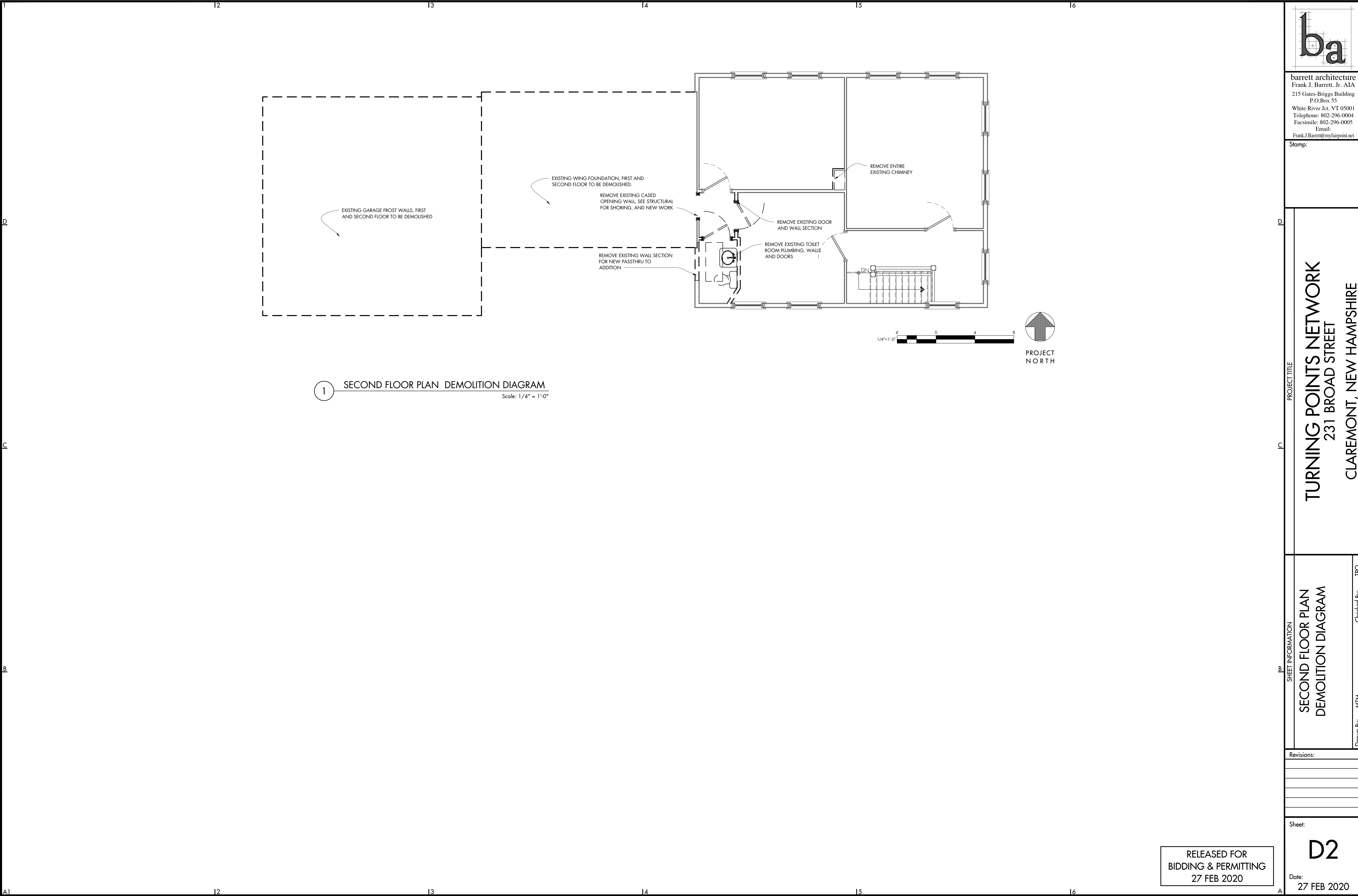


1 FOUNDATION DIAGRAM DEMOLITION DIAGRAM
Scale: 1/4" = 1'-0"

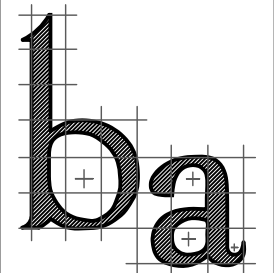


2 FIRST FLOOR DEMOLITION DIAGRAM
Scale: 1/4" = 1'-0"





1 SECOND FLOOR PLAN DEMOLITION DIAGRAM
Scale: 1/4" = 1'-0"



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PROJECT TITLE

TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION

SECOND FLOOR PLAN
DEMOLITION DIAGRAM

Drawn By: MTM

Checked By: TPO

Revisions:

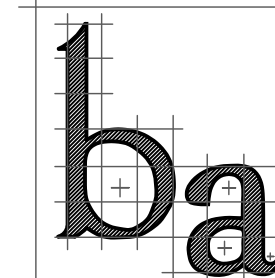
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PROJECT TITLE
TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION
**ELEVATION DEMOLITION
DIAGRAMS**

Revisions:

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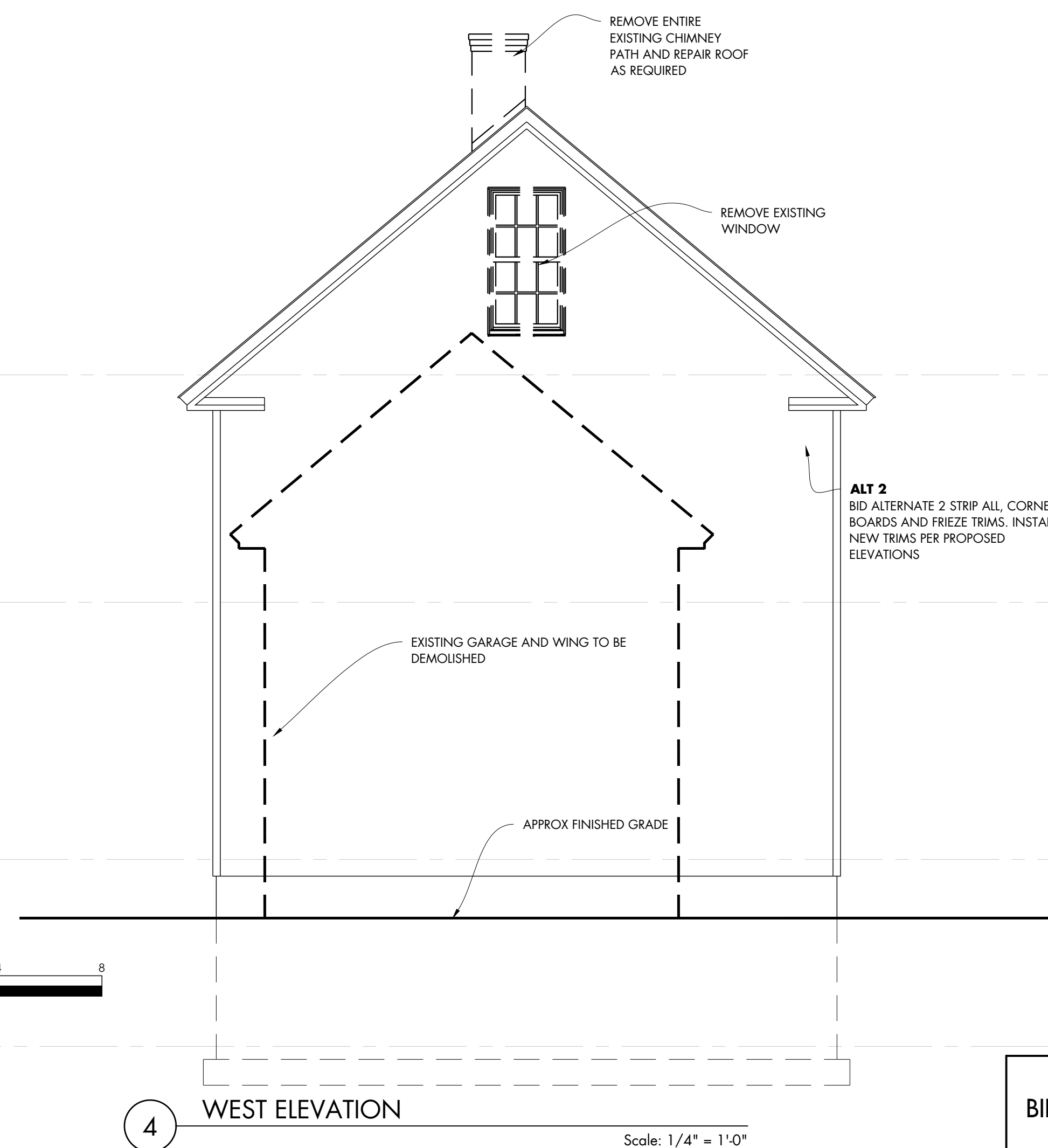
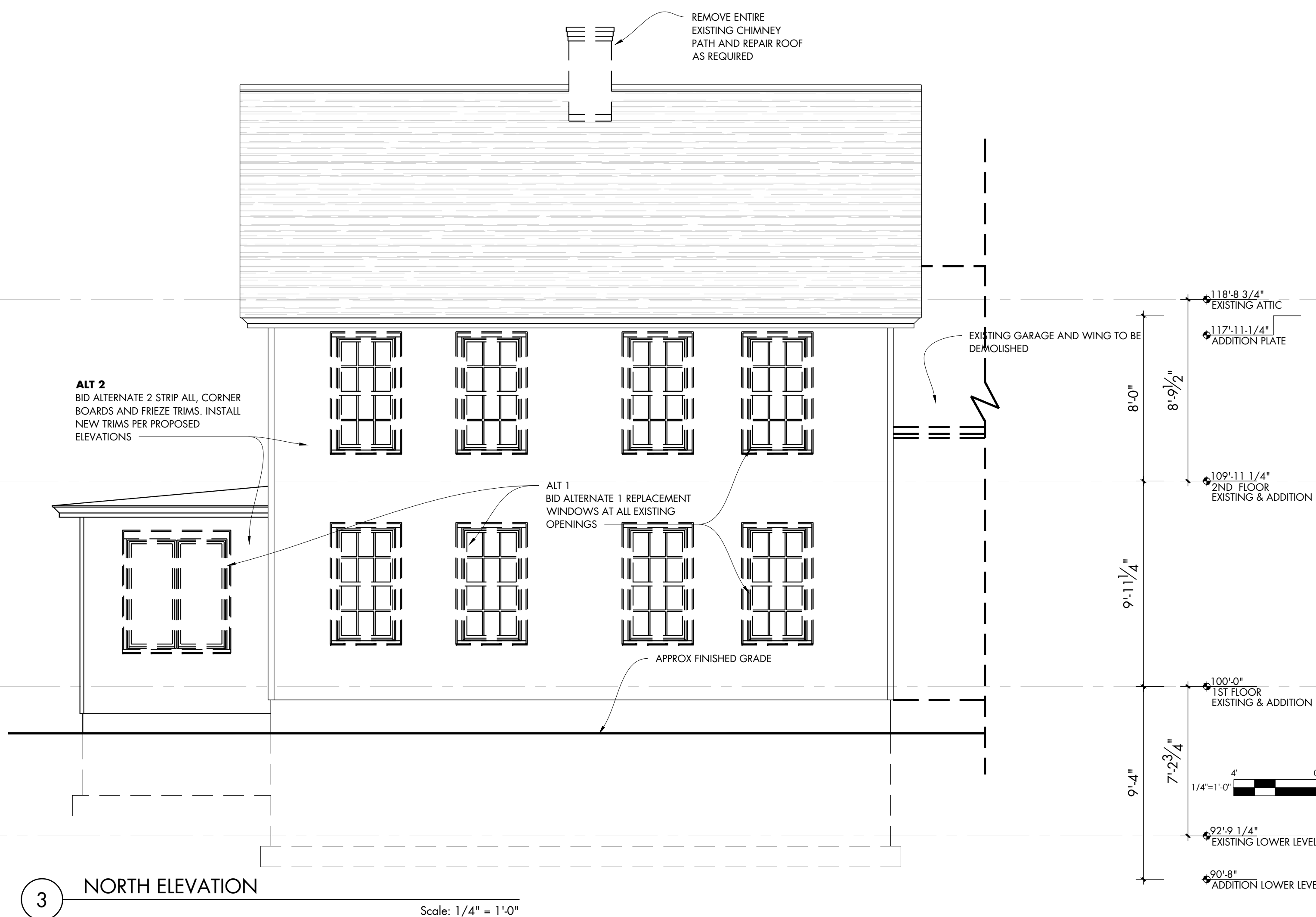
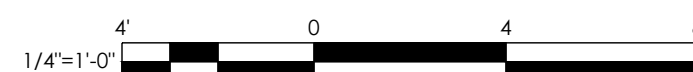
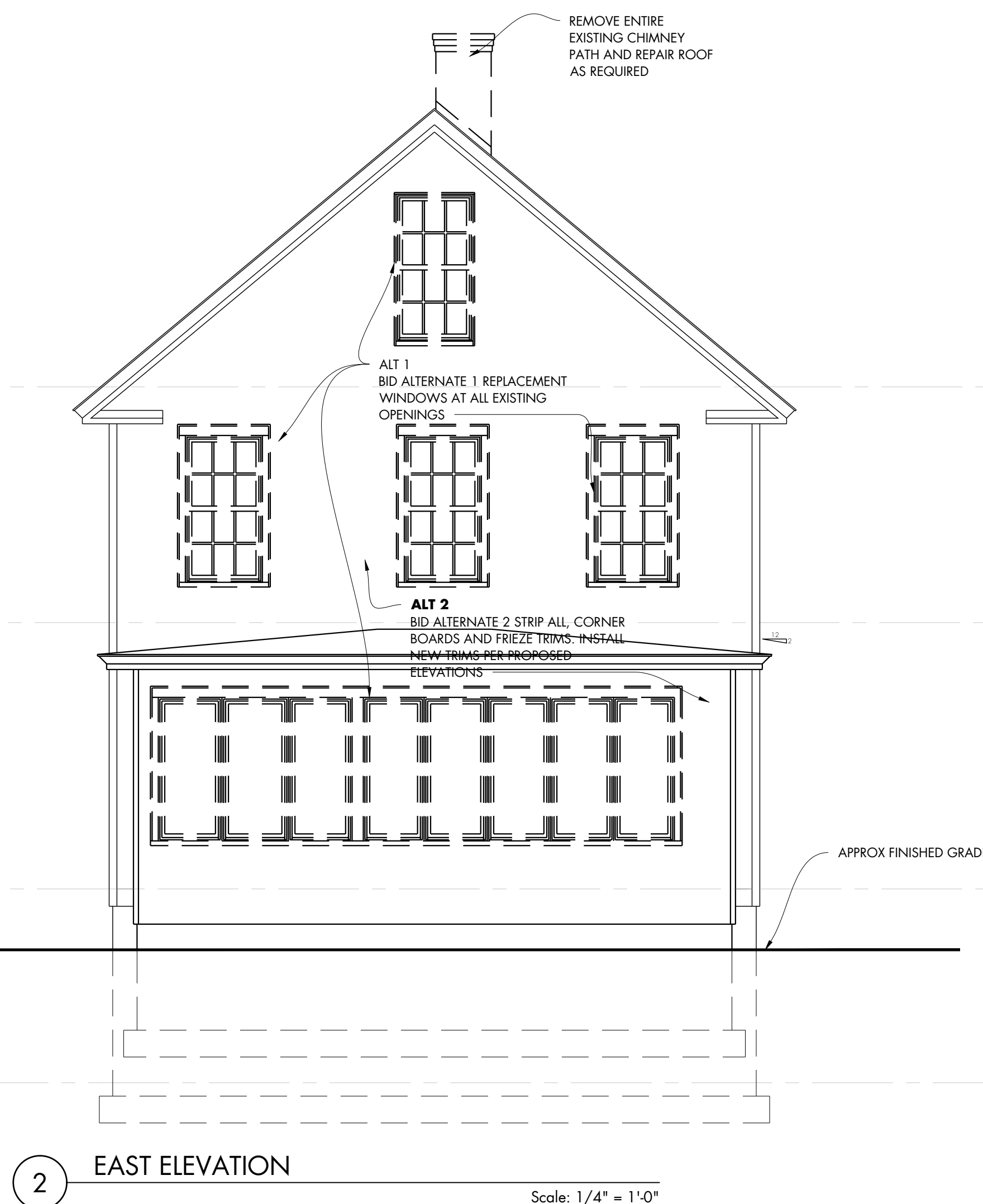
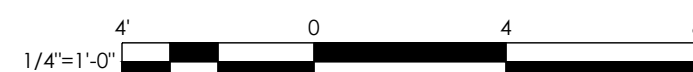
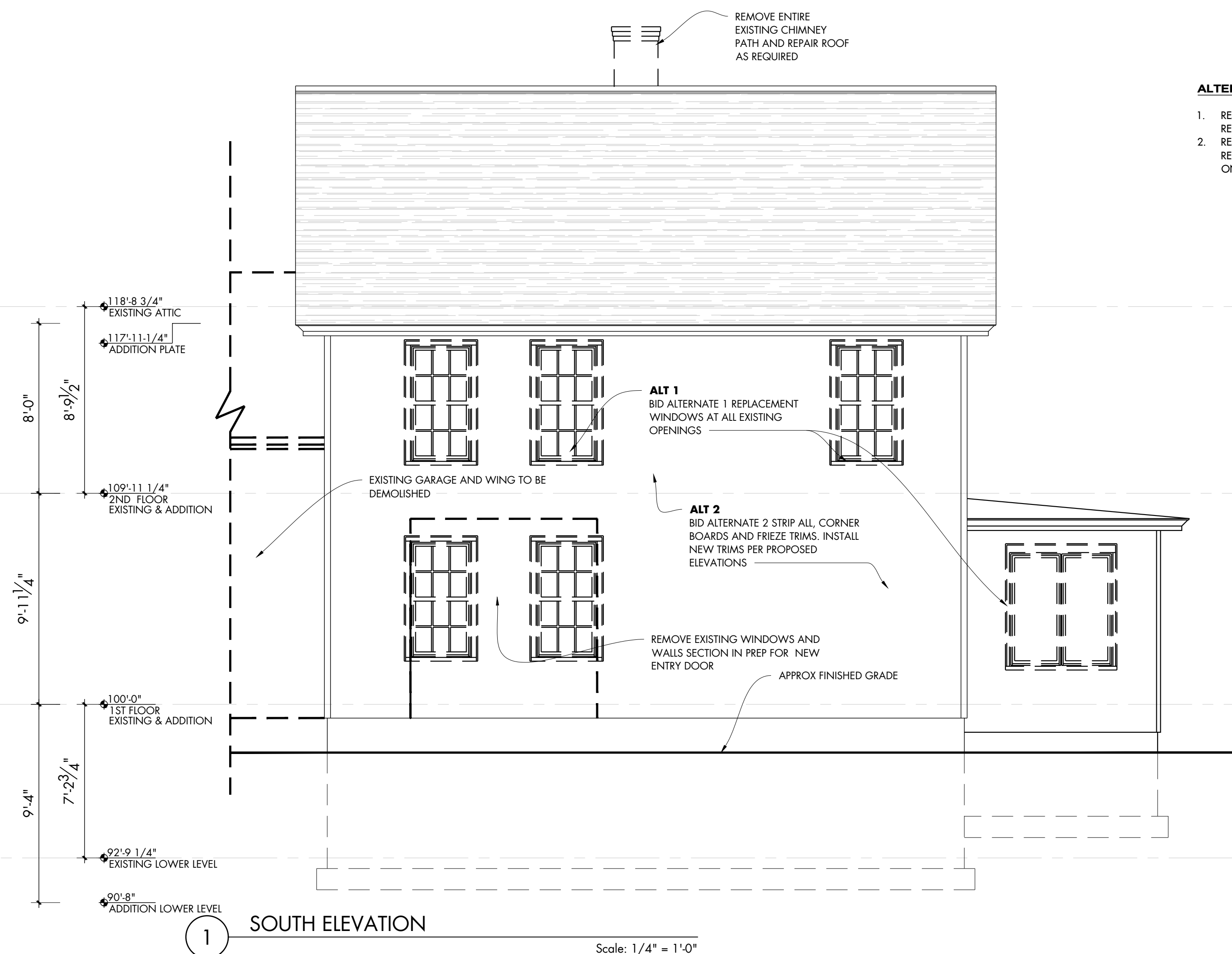
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Date:
27 FEB 2020

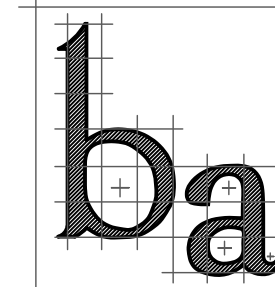
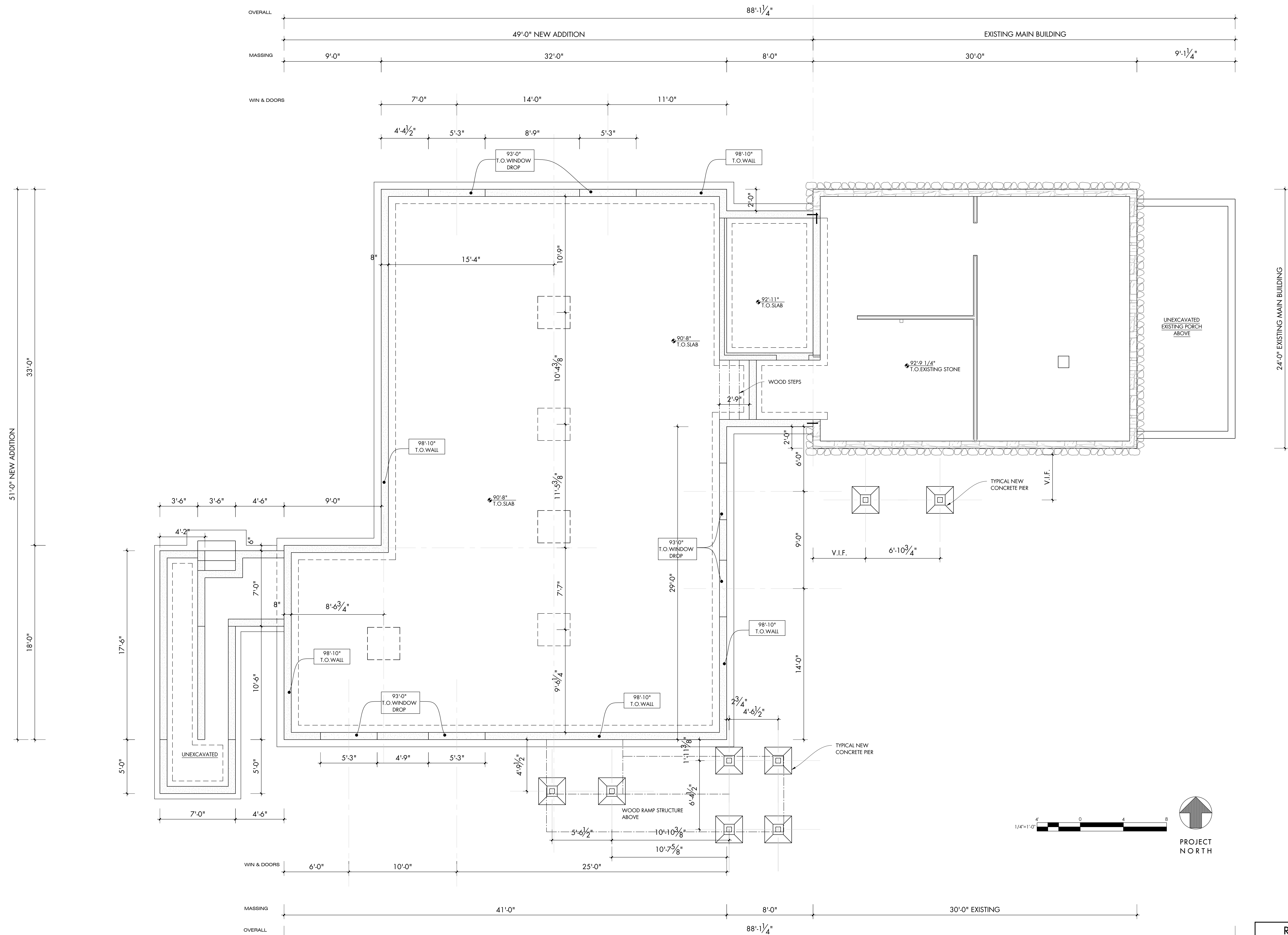
Drawn By: MTM
Checked By: TPO

ALTERNATES

1. REMOVE ALL EXISTING WINDOWS AND REPLACE IN EXISTING OPENINGS
2. REMOVE ALL SIDING AND TRIM, REINSTALL NEW SIDING AS DRAWN ON PROPOSED ELEVATIONS.



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PROJECT TITLE
TURNING POINTS NETWORK 231 BROAD STREET CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION

FOUNDATION DIAGRAM

Drawn By:	MTM	Checked By:	TPO
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Revisions:

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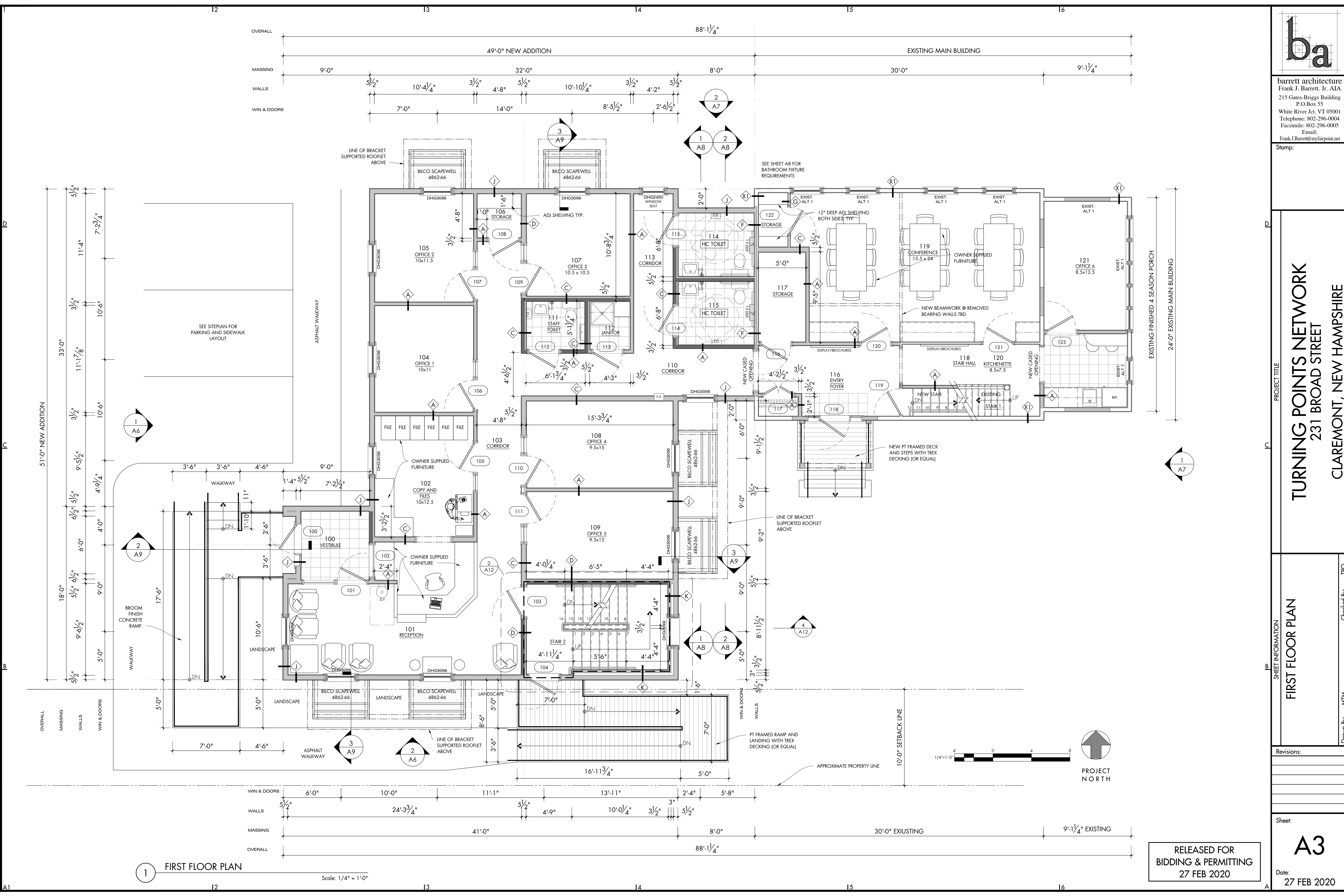
A1

Date: 27 FEB 2020

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27 FEB 2020



Date: 27 FEB 2020



1 FIRST FLOOR PLAN

Scale: 1/4" = 1'-0"

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PROJECT TITLE: TURNING POINTS NETWORK 231 BROAD STREET CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION: FIRST FLOOR PLAN

Revisions:

Sheet: A3

Date: 27 FEB 2020

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Checked By: TPO

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Stamp:

PROJECT TITLE

TURNING POINTS NETWORK

231 BROAD STREET

CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION

FIRST FLOOR PLAN

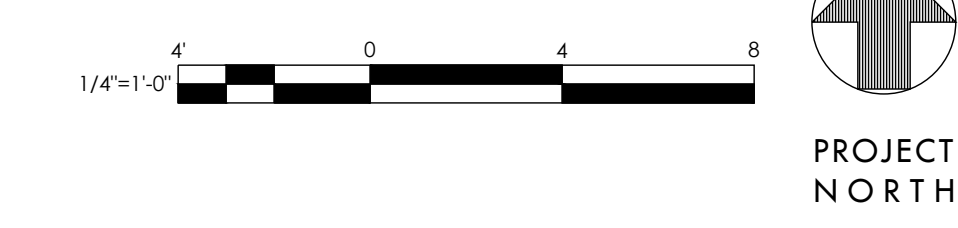
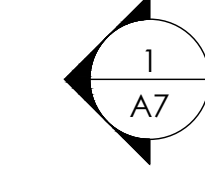
Revisions:

Sheet: A3

Date: 27 FEB 2020

Drawn By: MTM

Checked By: TPO

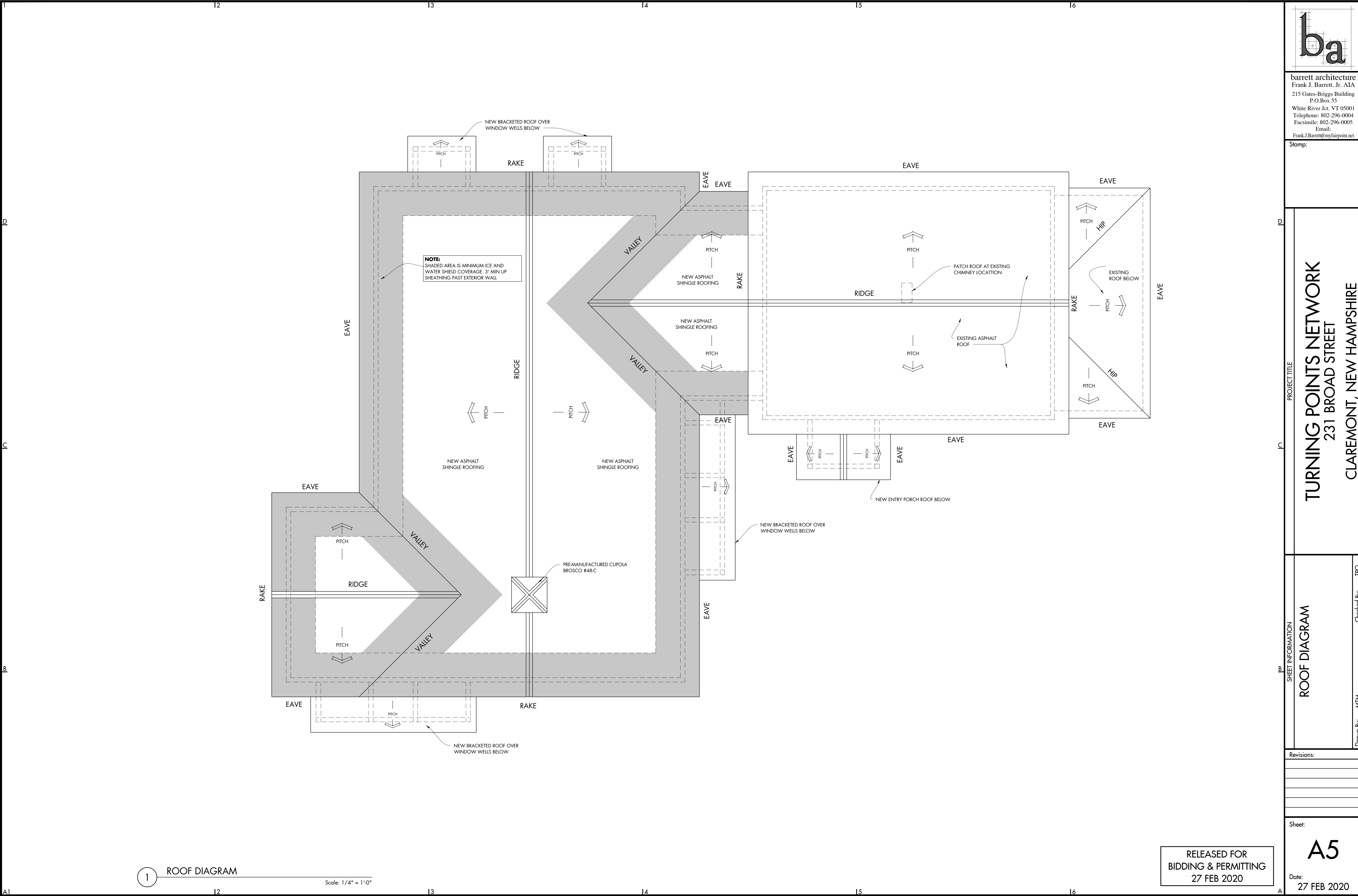


Scale: 1/4" = 1'-0"

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A4

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1 ROOF DIAGRAM Scale: 1/4" = 1'-0"		RELEASED FOR BIDDING & PERMITTING 27 FEB 2020	
1		A5 Date: 27 FEB 2020	
Revisions:		Sheet: A5 Date: 27 FEB 2020	
SHEET INFORMATION ROOF DIAGRAM		PROJECT TITLE TURNING POINTS NETWORK 231 BROAD STREET CLAREMONT, NEW HAMPSHIRE	
Drawn By: MTM		Checked By: TPO	
barrett architecture Frank J. Barrett, Jr. AIA 215 Gates-Briggs Building P.O.Box 55 White River Jct, VT 05001 Telephone: 802-296-0004 Facsimile: 802-296-0005 Email: Frank.J.Barrett@myfairpoint.net		Stamp:	



PROJECT TITLE
TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION
ELEVATIONS

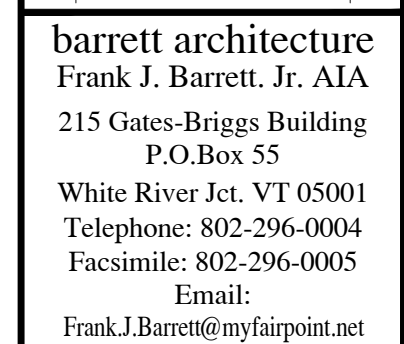
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A6
Date:
27 FEB 2020

- ALTERNATES**
1. REMOVE ALL EXISTING WINDOWS AND REPLACE IN EXISTING OPENINGS
 2. REMOVE ALL SIDING AND TRIM. REINSTALL NEW SIDING 9AS DRAWN ON PROPOSED ELEVATIONS.

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PROJECT TITLE
TURNING POINTS NETWORK 231 BROAD STREET CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION
ELEVATIONS

Revisions:

Sheet:

A7

Date: 27 FEB 2020



Scale: $1/4" = 1'-0"$



Scale: 1/4" = 1'-0"

ALTERNATES

1. REMOVE ALL EXISTING WINDOWS AND
REPLACE IN EXISTING OPENINGS
2. REMOVE ALL SIDING AND TRIM.
REINSTALL NEW SIDING 9/4S DRAWN
ON PROPOSED ELEVATIONS

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27 FEB 2020

PROJECT TITLE
TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION
SECTION/ELEVATIONS
INTERIOR CASEWORK
FIXTURE MOUNTING DIAGRAMS

Drawn By: MTM
Checked By: TPO

Revisions:

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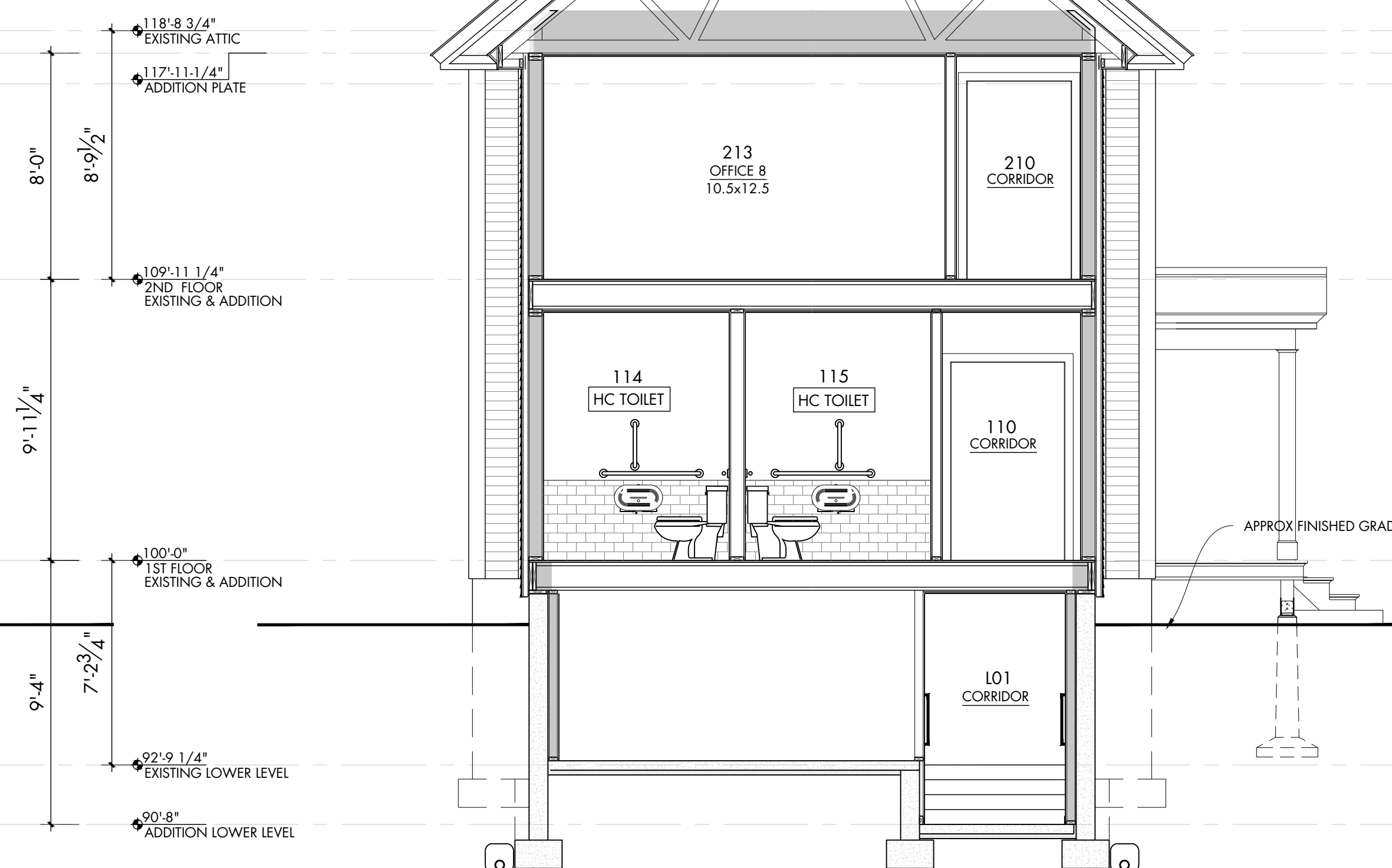
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27 FEB 2020

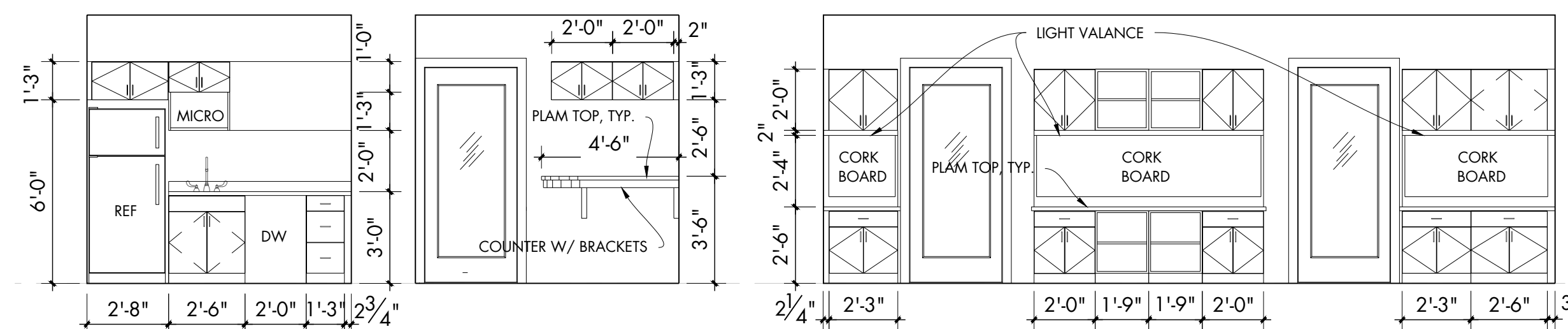
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1 SECTION @ CONNECTOR LOOKING WEST
Scale: 1/4" = 1'-0"



2 SECTION @ CONNECTOR LOOKING EAST
Scale: 1/4" = 1'-0"

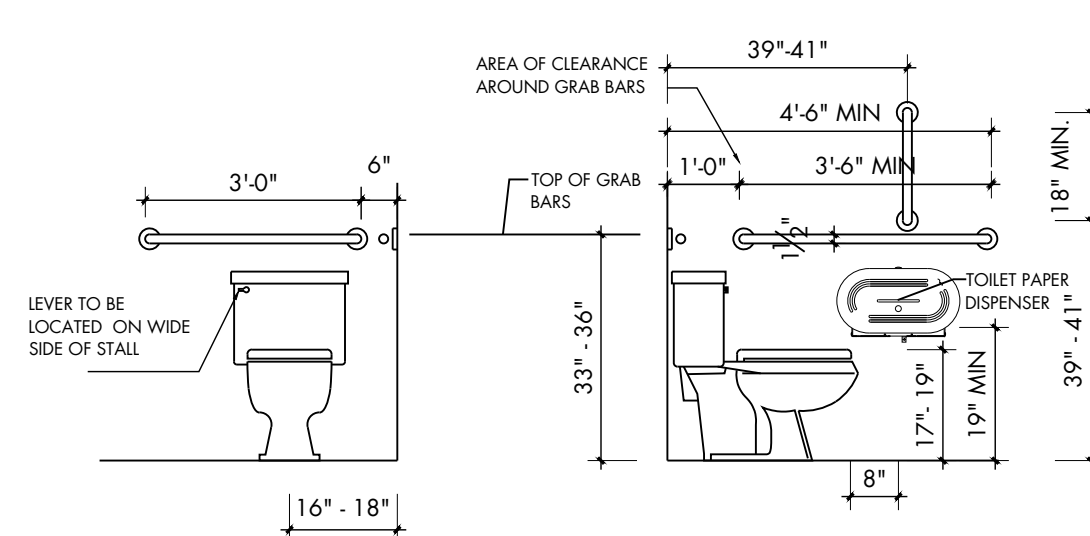


3 KITCHENETTE 117
Scale: 1/4" = 1'-0"

4 CONFERENCE 119
Scale: 1/4" = 1'-0"

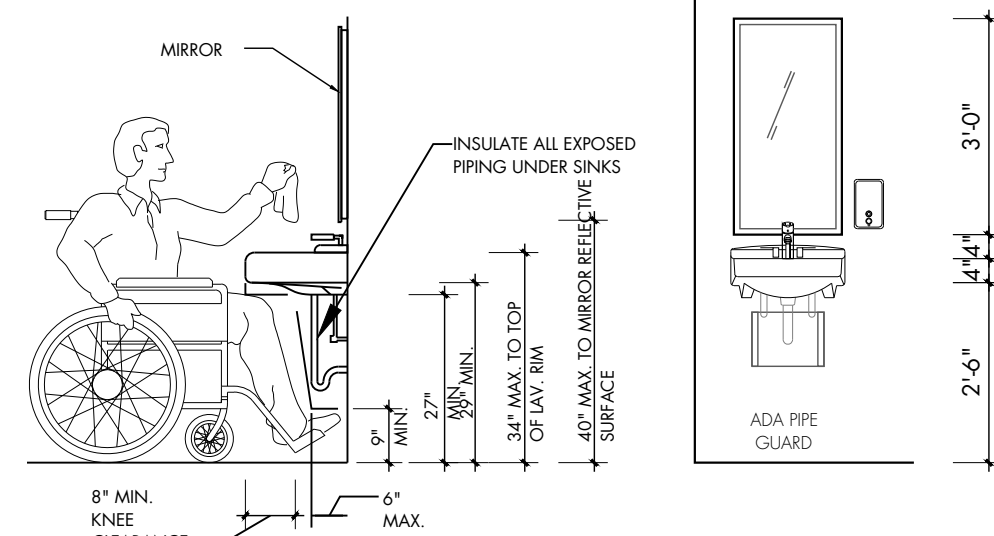
5 SMALL MEETING 201
Scale: 1/4" = 1'-0"

8 KITCHENETTE 212
Scale: 1/4" = 1'-0"



FRONT ELEVATION

SIDE ELEVATION



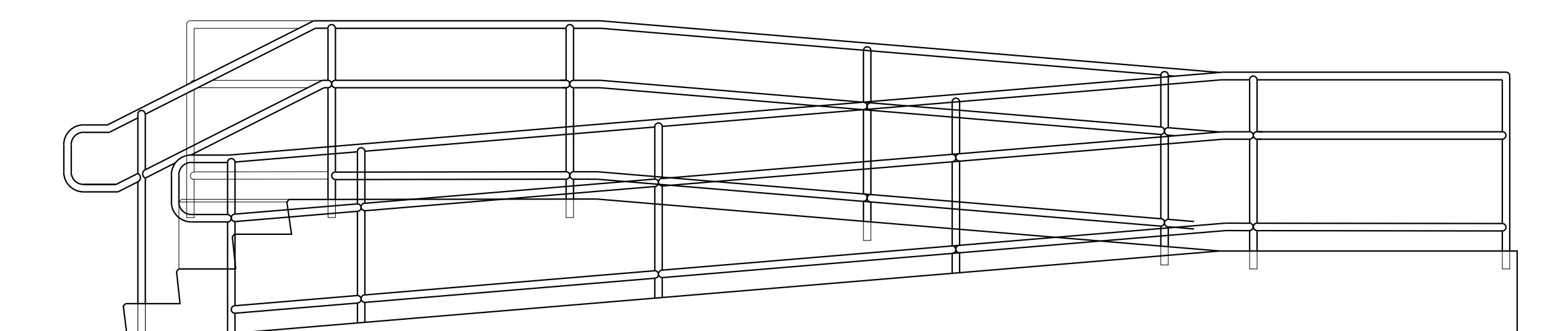
LAVATORY CLEARANCES PROFILE

LAVATORY CLEARANCES ELEVATION

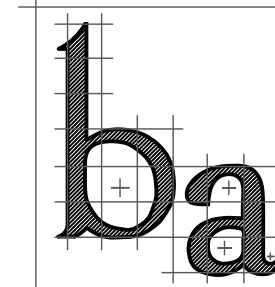
CLEAR FLOOR SPACE AT LAVATORY

FIRE EXTINGUISHER

6 FIXTURE MOUNTING DIAGRAMS
Scale: NTS



7 WEST ENTRANCE RAMP RAILING CONCEPT
Scale: 1/2" = 1'-0"



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Stamp:

PROJECT TITLE
TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION
WALL SECTIONS

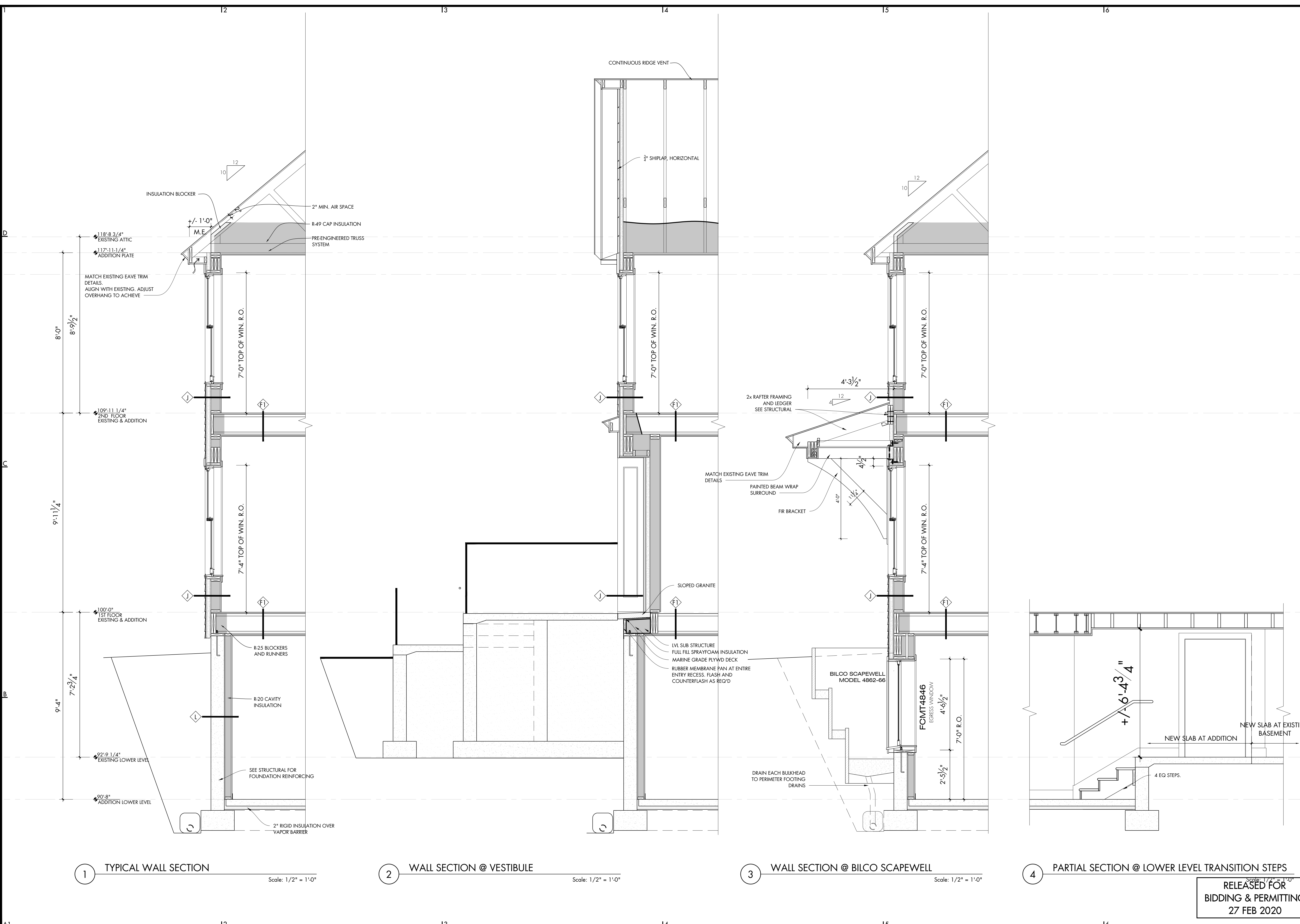
Revisions:

Sheet:

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Date:
27 FEB 2020

Drawn By: MTM
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1 TYPICAL WALL SECTION

Scale: 1/2" = 1'-0"

2 WALL SECTION @ VESTIBULE

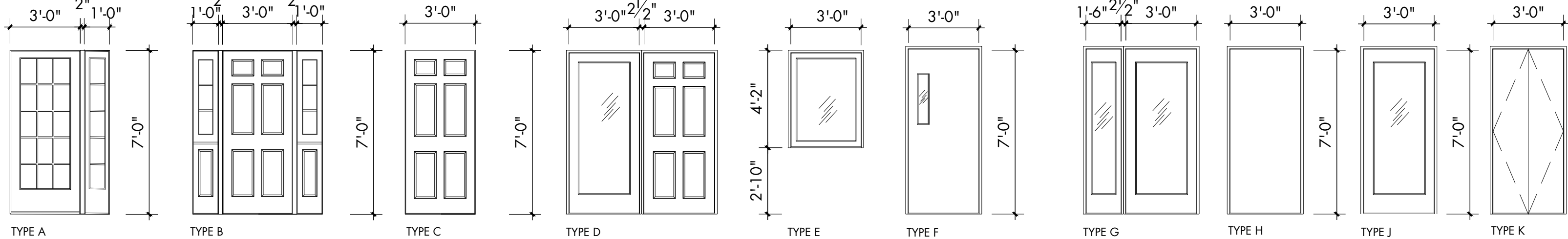
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3 WALL SECTION @ BILCO SCAPEWELL

Scale: 1/2" = 1'-0"

4 PARTIAL SECTION @ LOWER LEVEL TRANSITION STEPS

Scale: 1/2" = 1'-0"
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27 FEB 2020



EXTERIOR UNITS

INTERIOR UNITS

1

DOOR TYPES

Scale: NTS

TURNING POINT NETWORK DOOR SCHEDULE									

LOWER LEVEL	NO.	LOCATION	TYPE	RATING	DESCRIPTION	FRAME	DOOR SIZE (W X H)	SWING	THRSHLD	NOTES
	L01	OPEN OFFICE	G		SINGLE LITE	WD	3'-0"x6'-8"	LH	n/a	1'-6" SIDELITE
	L02	CLOSET	H		SOLID CORE	WD	3'-0"x6'-8"	LH	n/a	
	L03	STAIR 2	F	1 HR	STL/VISION PANEL	MTL	3'-0"x6'-8"	RH	MTL	Closer, tempered glass, rated
	L04	OFFICE 3	G		SINGLE LITE	WD	3'-0"x6'-8"	RH	n/a	1'-6" SIDELITE
	L05	OFFICE 2	G		SINGLE LITE	WD	3'-0"x6'-8"	LH	n/a	1'-6" SIDELITE
	L06	UNFINISHED	K		SOLID CORE	WD	5'-0"x6'-8"	PAIR	n/a	
	L07	TOILET	H		SOLID CORE	WD	3'-0"x6'-8"	LH	n/a	CLOSER
	L08	SHOWER	H		SOLID CORE	WD	3'-0"x6'-8"	LH	n/a	
	L09	MECHANICAL/UTILITY		1 HR	STEEL	MTL	3'-0"x6'-8"	LH	MTL	
	L10	STORAGE	H		SOLID CORE	WD	3'-0"x6'-8"	RH	n/a	
	L11	STAIR 1	F	1 HR	STL/VISION PANEL	MTL	3'-0"x6'-8"	LH	MTL	Closer, tempered glass, rated
	L12	STORAGE	H		SOLID CORE	WD	3'-0"x6'-8"	RH	MTL	

FIRST FLOOR	NO.	LOCATION		Rating	DESCRIPTION		DOOR SIZE (W X H)	SWING	THRSHLD	NOTES
	100	VESTIBULE	A		15-LITE	FIR	3'-0"x7'-0"	RH	MTL	Closer, tempered glass, 1'-0" SIDELITE,
	101	RECEPTION	D		6 PANEL	FIR	3'-0"x7'-0"	RH	MTL	Closer, tempered glass, 3'-0" SIDELITE
	102	RECEPTION	E		SINGLE LITE	FIR	4'-2"x7'-0"	FXED	n/a	
	103	STAIR 2	F	1 HR	STL/VISION PANEL	MTL	3'-0"x7'-0"	LH	MTL	Closer, tempered glass, rated
	104	STAIR 2	C		6 PANEL	MTL	3'-0"x7'-0"	RH	n/a	Closer
	105	COPY & FILES	G		SINGLE LITE	WD	3'-0"x7'-0"	RH	n/a	1'-6" SIDELITE
	106	OFFICE 4	G		SINGLE LITE	WD	3'-0"x7'-0"	LH	n/a	1'-6" SIDELITE
	107	OFFICE 5	G		SINGLE LITE	WD	3'-0"x7'-0"	LH	n/a	1'-6" SIDELITE
	108	STORAGE	H		SOLID CORE	WD	3'-0"x7'-0"	LH	n/a	
	109	OFFICE 107	G		SINGLE LITE	WD	3'-0"x7'-0"	RH	n/a	1'-6" SIDELITE
	110	OFFICE 108	G		SINGLE LITE	WD	3'-0"x7'-0"	RH	n/a	1'-6" SIDELITE
	111	OFFICE 109	G		SINGLE LITE	WD	3'-0"x7'-0"	LH	n/a	1'-6" SIDELITE
	112	STAFF TOILET	H		SOLID CORE	WD	3'-0"x7'-0"	RH	n/a	
	113	JANITOR	H		SOLID CORE	WD	3'-0"x7'-0"	RH	MTL	
	114	HC TOILET 115	H		SOLID CORE	WD	3'-0"x7'-0"	RH	n/a	CLOSER
	115	HC TOILET 114	H		SOLID CORE	WD	3'-0"x7'-0"	RH	n/a	CLOSER
	116	STORAGE	J		SINGLE LITE	WD	3'-0"x7'-0"	RH	n/a	
	117	CLOSET	K		SOLID CORE	WD	3'-0"x7'-0"	PAIR	n/a	
	118	ENTRY FOYER	B		6 PANEL	WD	3'-0"x7'-0"	RH	MTL	Closer, tempered glass, (2) 1'-0" SIDELITES
	119	STAIR 1	J		SINGLE LITE	WD	2'-8"x7'-0"	LH	n/a	tempered glass
	120	CONFERENCE	J		SINGLE LITE	WD	3'-0"x7'-0"	LH	n/a	tempered glass
	121	CONFERENCE	J		SINGLE LITE	WD	3'-0"x7'-0"	RH	n/a	tempered glass
	122	STORAGE		ETR						EXISTING
	123	OFFICE 6	J		SINGLE LITE	WD	3'-0"x7'-0"	LH	n/a	tempered glass

SECOND FLOOR	NO.	LOCATION		Rating	DESCRIPTION		DOOR SIZE (W X H)	SWING	THRSHLD	NOTES
	200	OFFICE 1	G		SINGLE LITE	WD	3'-0"x7'-0"	RH	n/a	1'-6" SIDELITE
	201	STOARGE	K		SOLID CORE	WD	4'-0"x7'-0"	PAIR	n/a	
	202									NOT USED
	203	STAIR 2	F	1 HR	STL/VISION PANEL	MTL	3'-0"x7'-0"	LH	MTL	Closer, tempered glass, rated
	204	OFFICE 7	G		SINGLE LITE	WD	3'-0"x7'-0"	LH	n/a	1'-6" SIDELITE
	205	OFFICE 6	G		SINGLE LITE	WD	3'-0"x7'-0"	RH	n/a	1'-6" SIDELITE
	206	OFFICE 2	G		SINGLE LITE	WD	3'-0"x7'-0"	RH	n/a	1'-6" SIDELITE
	207	OFFICE 3	G		SINGLE LITE	WD	3'-0"x7'-0"	LH	n/a	1'-6" SIDELITE
	208	OFFICE 4	G		SINGLE LITE	WD	3'-0"x7'-0"	LH	n/a	1'-6" SIDELITE
	209	STORAGE	H		SOLID CORE	WD	3'-0"x7'-0"	LH	n/a	
	210	OFFICE 5	G		SINGLE LITE	WD	3'-0"x7'-0"	RH	n/a	1'-6" SIDELITE
	211	TOILET	H		SOLID CORE	WD	3'-0"x7'-0"	RH	n/a	
	212	KITCHENETTE	H		SOLID CORE	WD	3'-0"x7'-0"	LH	n/a	

Notes: Door R.O'S to be provided by supplier
Hardware to be selected by owner
Verify existing door heights on second floor, at existing door locations

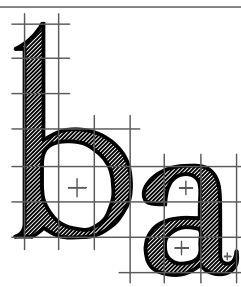
FINISH SCHEDULE

LOWER LEVEL	NO.	ROOM NAME / LOCATION	FLOOR	BASE	TRIM	CROWN MOULDING	CHAIR RAIL	EAST WALL	SOUTH WALL	WEST WALL	NORTH WALL	CEILING	NOTES
	L00	OPEN OFFICE 1	CPT	RUBBER	WD-PTD			GWB	GWB	GWB	GWB	ACT	
	L01	CORRIDOR	CPT	RUBBER	WD-PTD			GWB	GWB	GWB	GWB	ACT	
	L02	CLOSET	CPT	RUBBER	WD-PTD			GWB	GWB	GWB	GWB	ACT	
	L03	UNFINISHED	CONC	NO	NO			GWB	GWB	GWB	GWB		
	L04	OFFICE 2	CPT	RUBBER	WD-PTD			GWB	GWB	GWB	GWB	ACT	
	L05	OFFICE 3	CPT	RUBBER	WD-PTD			GWB	GWB	GWB	GWB	ACT	
	L06	TOILET	VCT	RUBBER	WD-PTD		TILE	GWB/TILE	GWB/TILE	GWB/TILE	GWB/TILE	GWB	TILE WAINSCOT TO 34" AFF.
	L07	LOWER PASS THRU	E.T.R	RUBBER	WD-PTD			GWB	GWB	GWB	GWB	ACT	
	L08	MECAHINCAL/ UTILITY	E.T.R	N/A	N/A			E.T.R	E.T.R	CMU	E.T.R	GWB	
	L09	STORAGE	E.T.R	N/A	N/A			E.T.R	GWB	E.T.R	E.T.R	GWB	

FIRST FLOOR	NO.	ROOM NAME / LOCATION	FLOOR	BASE	TRIM	CROWN MOULDING	CHAIR RAIL	EAST WALL	SOUTH WALL	WEST WALL	NORTH WALL	CEILING	NOTES
	100	VESTIBULE	CER TILE	CER TILE	WD-PTD		WOOD	GWB	GWB	GWB	GWB	GWB	
	101	RECEPTION	CPT	WOOD	WD-PTD		WOOD	GWB	GWB	GWB	GWB	GWB	
	102	COPY & FILES	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	103	CORRIDOR	CPT	WOOD	WD-PTD		WOOD	GWB	GWB	GWB	GWB	GWB	
	104	OFFICE 1	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	105	OFFICE 2	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	106	STORAGE	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	107	OFFICE 3	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	108	OFFICE 4	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	109	OFFICE 5	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	110	CORRIDOR	CPT	WOOD	WD-PTD		WOOD	GWB	GWB	GWB	GWB	GWB	
	111	STAFF TOILET	VCT	RUBBER	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	112	JANITOR	VCT	RUBBER	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	113	CORRIDOR	CPT	WOOD	WD-PTD		WOOD	GWB	GWB	GWB	GWB	GWB	
	114	HC TOILET	VCT	RUBBER	WD-PTD		TILE	GWB/TILE	GWB/TILE	GWB/TILE	GWB/TILE	ACT	TILE WAINSCOT TO 34" AFF.
	115	HC TOILET	VCT	RUBBER	WD-PTD		TILE	GWB/TILE	GWB/TILE	GWB/TILE	GWB/TILE	ACT	TILE WAINSCOT TO 34" AFF.
	116	ENTRY FOYER	CPT/VCT	WD/TILE	WD-PTD		WOOD	E.T.R	E.T.R	E.T.R	E.T.R	E.T.R	SOME NEW GWB ARE NEW PARTITIONS
	117	STORAGE	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	118	STAIR HALL	CPT	WOOD	WD-PTD			E.T.R	E.T.R	E.T.R	E.T.R	E.T.R	SOME NEW GWB ARE NEW PARTITIONS
	119	CONFERENCE	CPT	WOOD	WD-PTD		WOOD	GWB	GWB	GWB	GWB	GWB	
	120	KITCHENETTE	VCT	WOOD	WD-PTD		WOOD	GWB	GWB	GWB	GWB	GWB	
	121	OFFICE 6	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
		STAIR 1	CPT	RUBBER	WD-PTD			GWB	GWB	GWB	GWB	GWB	
		STAIR 2	CPT	RUBBER	WD-PTD			GWB	GWB	GWB	GWB	GWB	

SECOND FLOOR	NO.	ROOM NAME / LOCATION	FLOOR	BASE	TRIM	CROWN MOULDING	WAINSCOT	EAST WALL	SOUTH WALL	WEST WALL	NORTH WALL	CEILING	NOTES
	200	OFFICE 1	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	201	HALL	CPT	WOOD	WD-PTD		WD	GWB	GWB	GWB	GWB	GWB	
	202	CORRIDOR	CPT	WOOD	WD-PTD		WD	GWB	GWB	GWB	GWB	GWB	
	203	OFFICE 2	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	204	OFFICE 3	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	205	OFFICE 4	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	206	STORAGE	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	207	OFFICE 5	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	208	OFFICE 6	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	209	OFFICE 7	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	210	CORRIDOR	CPT	WOOD	WD-PTD		WD	GWB	GWB	GWB	GWB	GWB	
	211	TOILET	VCT	RUBBER	WD-PTD		TILE	GWB/TILE	GWB/TILE	GWB/TILE	GWB/TILE	GWB	TILE WAINSCOT TO 34" AFF.
	212	KITCHENETTE	VCT	RUBBER	WD-PTD		TILE	GWB/TILE	GWB/TILE	GWB/TILE	GWB/TILE	GWB	TILE WAINSCOT TO 34" AFF.
	213	OFFICE 8	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	
	214	SMALL MEETING	CPT	WOOD	E.T.R			E.T.R	E.T.R	E.T.R	E.T.R	E.T.R	
	215	OFFICE 9	CPT	WOOD	E.T.R			E.T.R	E.T.R	E.T.R	E.T.R	E.T.R	
	216	OFFICE 10	CPT	WOOD	E.T.R			E.T.R	E.T.R	E.T.R	E.T.R	E.T.R	
		STAIR 1	CPT	WOOD	E.T.R			E.T.R	E.T.R	E.T.R	E.T.R	E.T.R	
		STAIR 2	CPT	WOOD	WD-PTD			GWB	GWB	GWB	GWB	GWB	

Notes: ** All Existing Plaster to be patched and repaired as required
ETR - Existing to Remain
A - Not Applicable



barrett architecture
Frank J. Barrett, Jr. AIA
215 Gates-Briggs Building
P.O.Box 55
White River Jct, VT 05001
Telephone: 802-296-0004
Facsimile: 802-296-0005
Email:
Frank.J.Barrett@myfairpoint.net

Stamp:

PROJECT TITLE

TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION

DOOR TYPES
DOOR SCHEDULE
FINISH SCHEDULE

Drawn By: MTM
Checked By: TPO

Revisions:

Sheet:

A10

Date:
27 FEB 2020

BASED FOR
BIDDING & PERMITTING
27 FEB 2020



TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

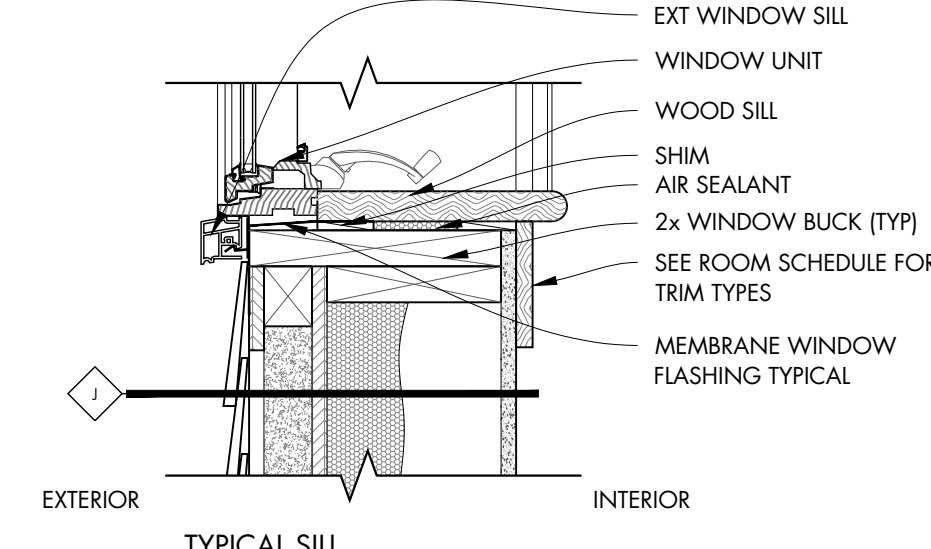
WALL & FLOOR TYPES
TYP. WINDOW DETAILS
INSIDE & OUTSIDE CORNER

Revisions:

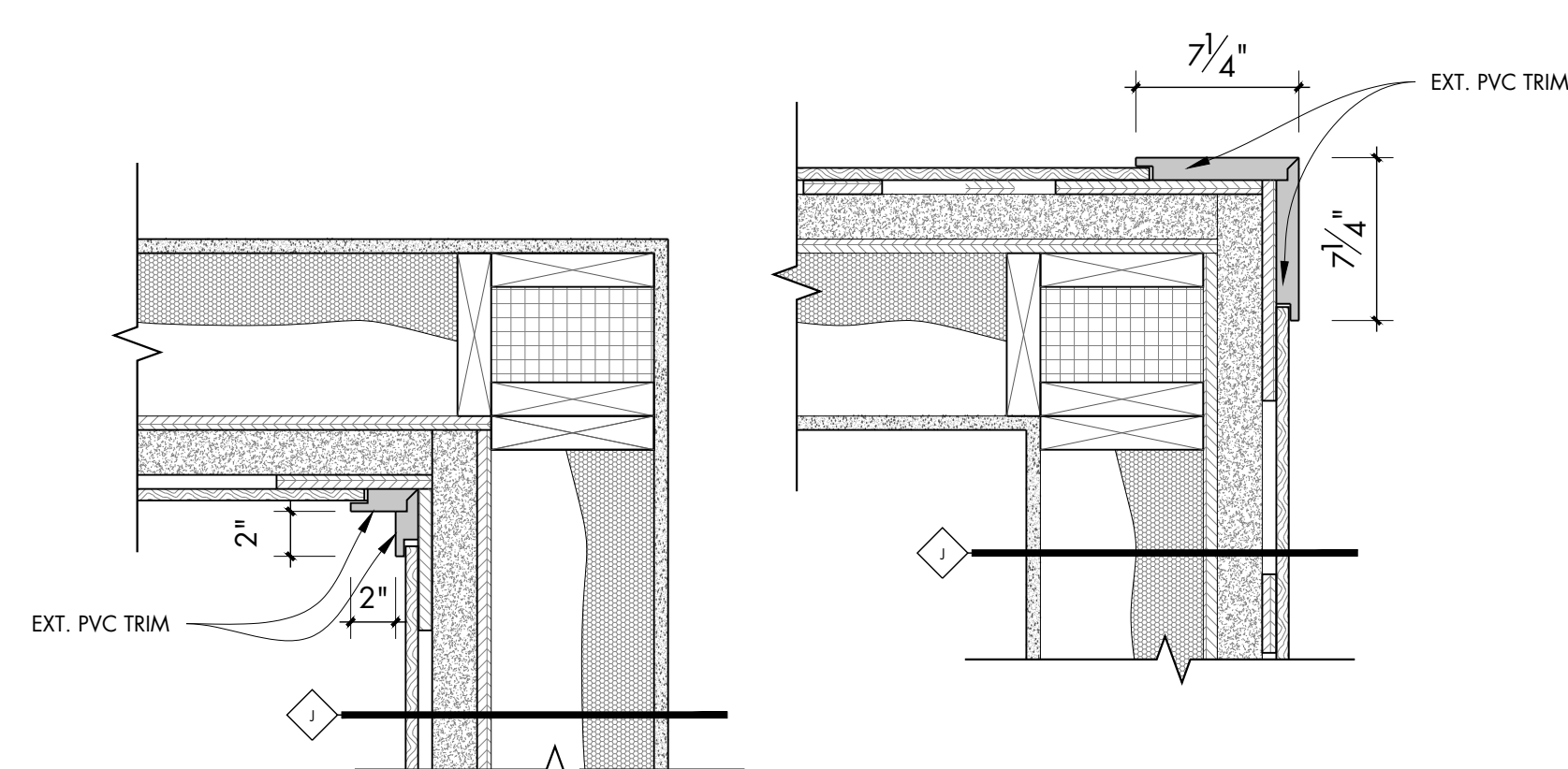
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27 FEB 202

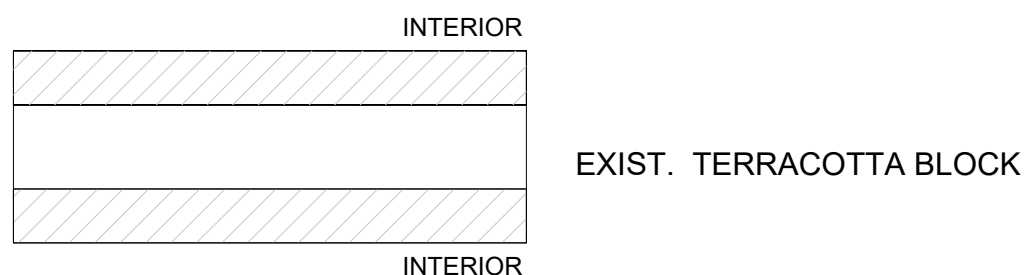
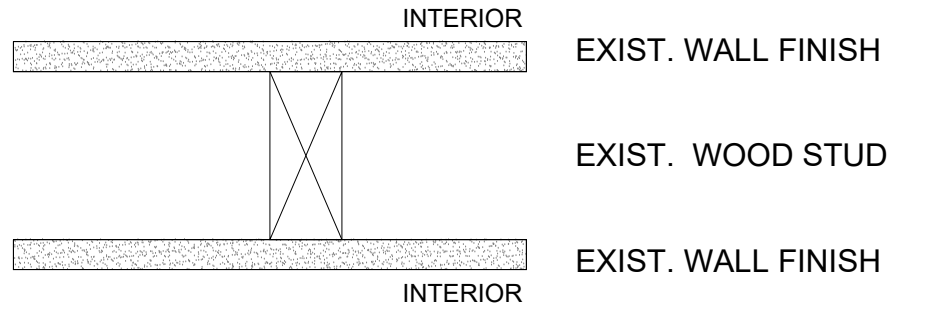
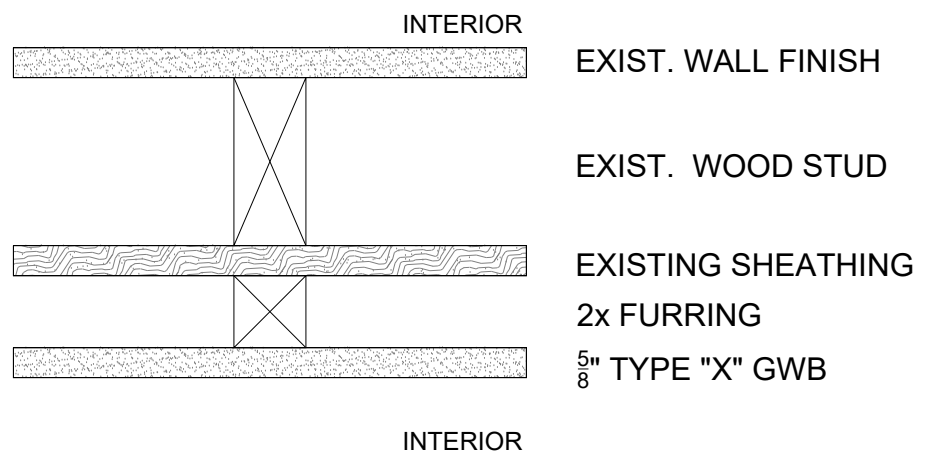
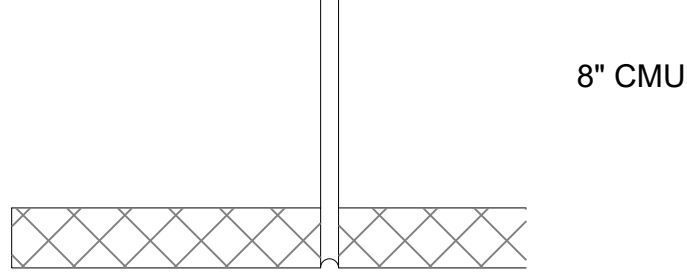
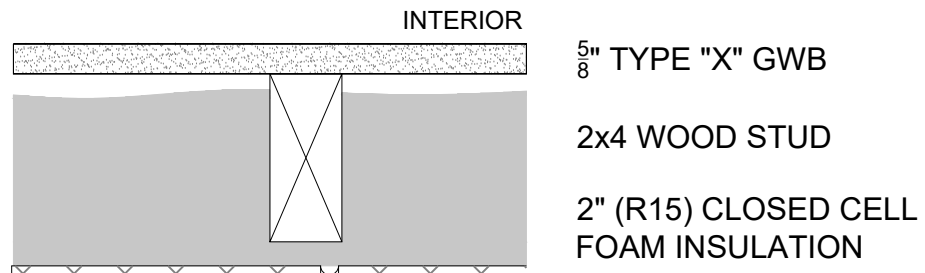
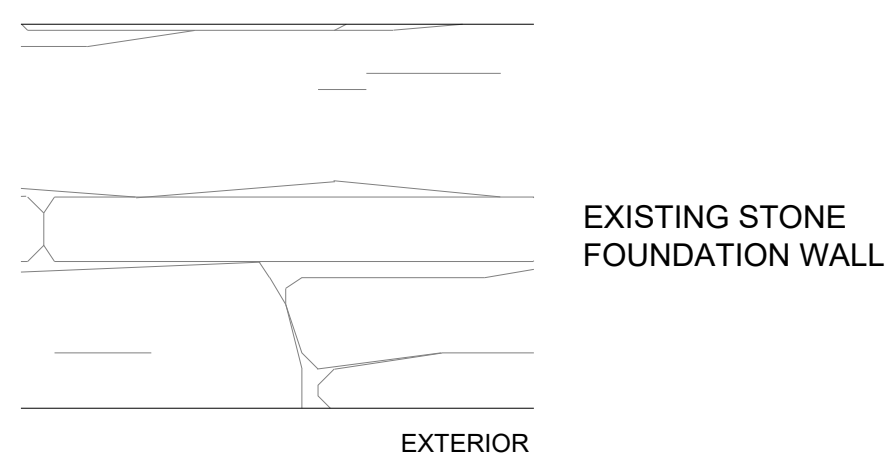
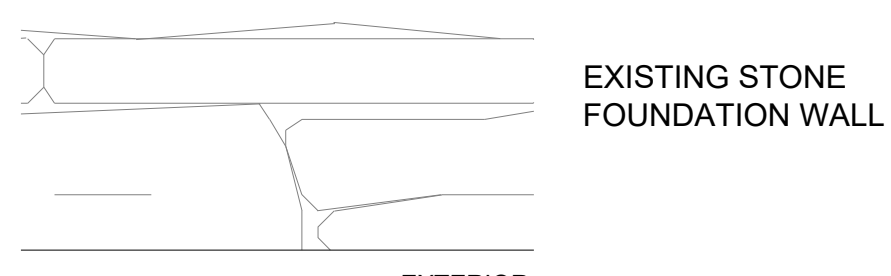
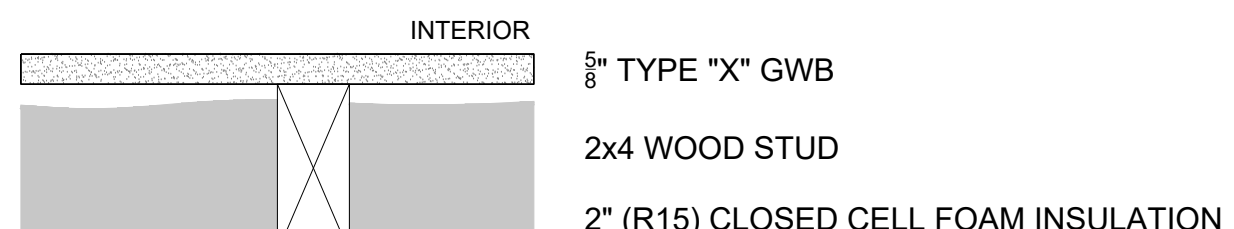
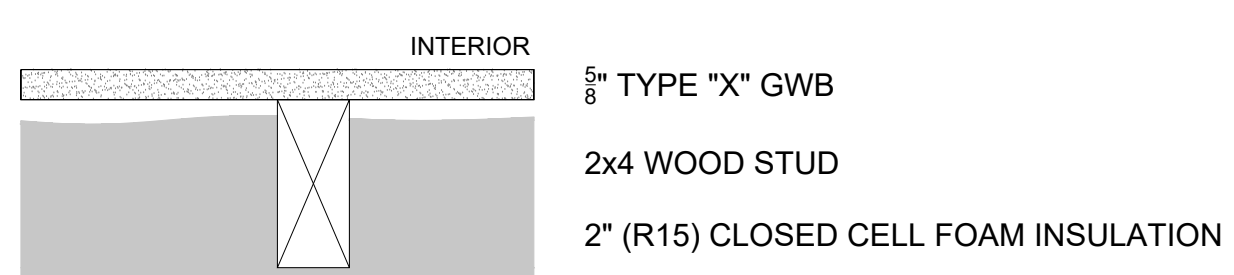
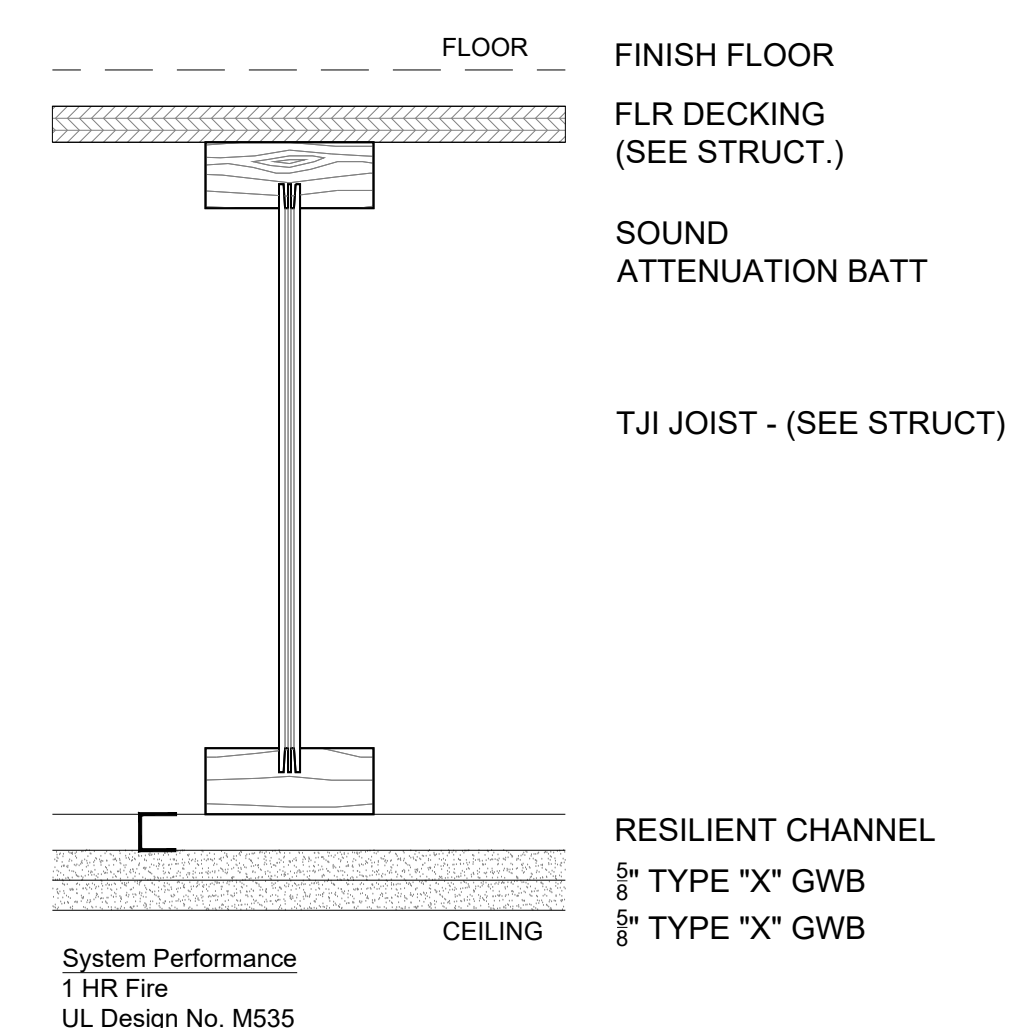
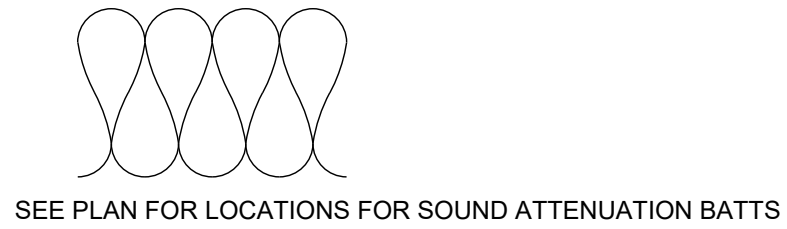


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Scale: NTS

Scale: NTS



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F2

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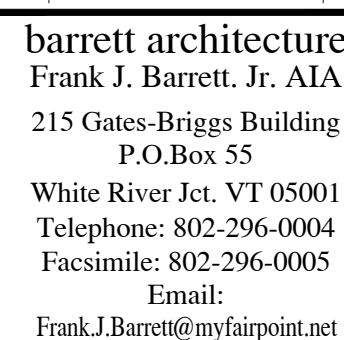
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B

Drawn By:	MTM	Checked By:	TPO
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Stamp:

TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

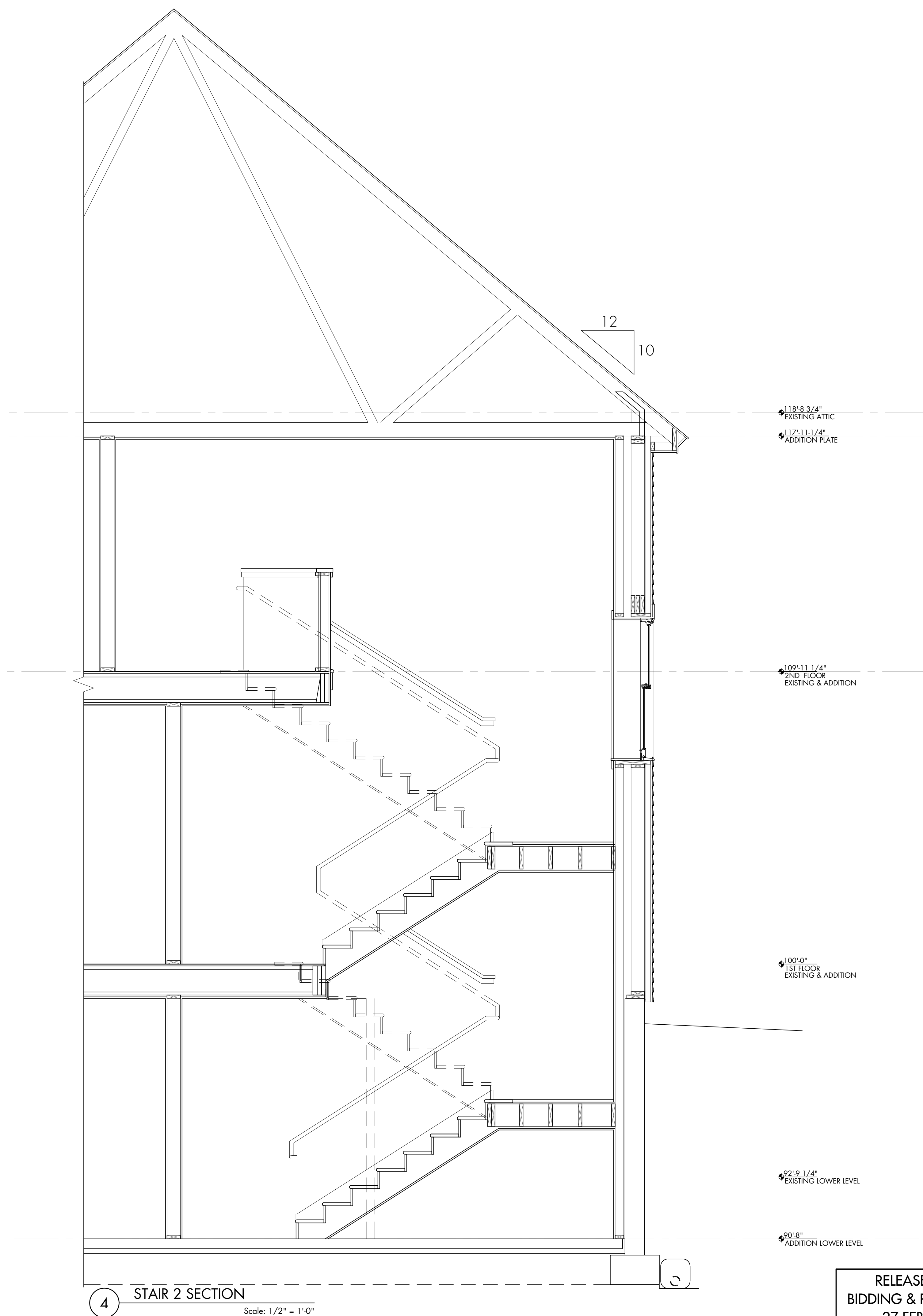
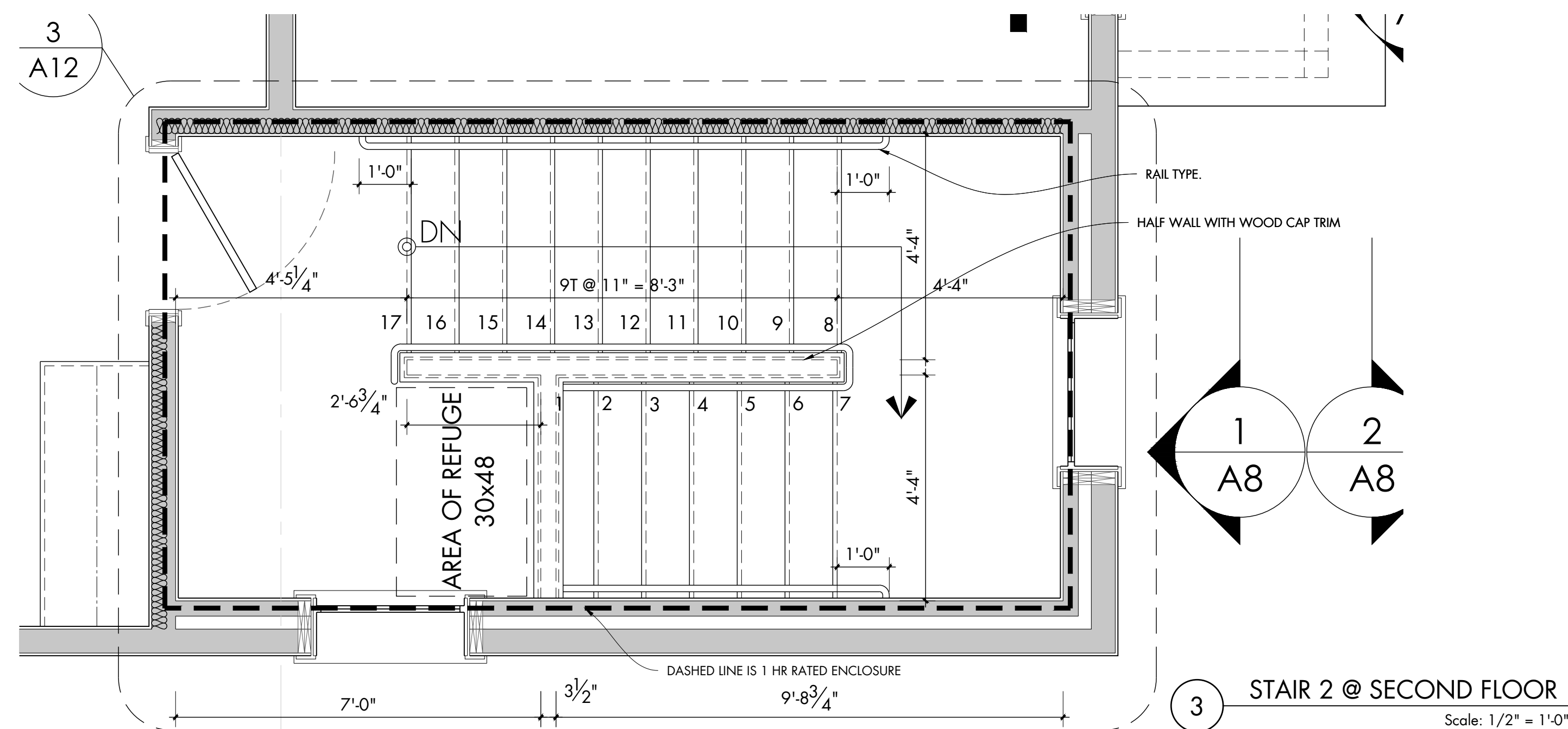
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Revisions

Sheet

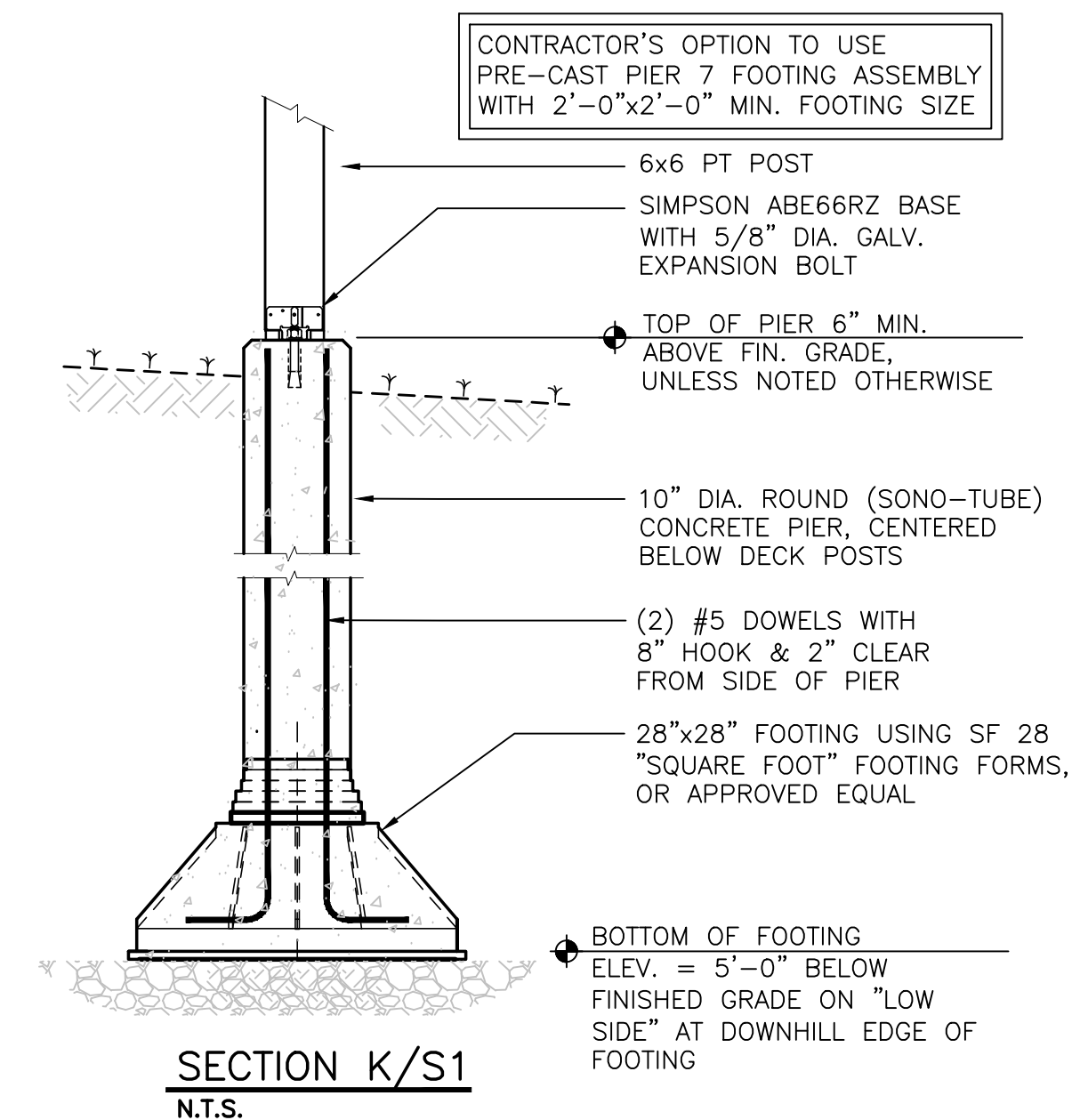
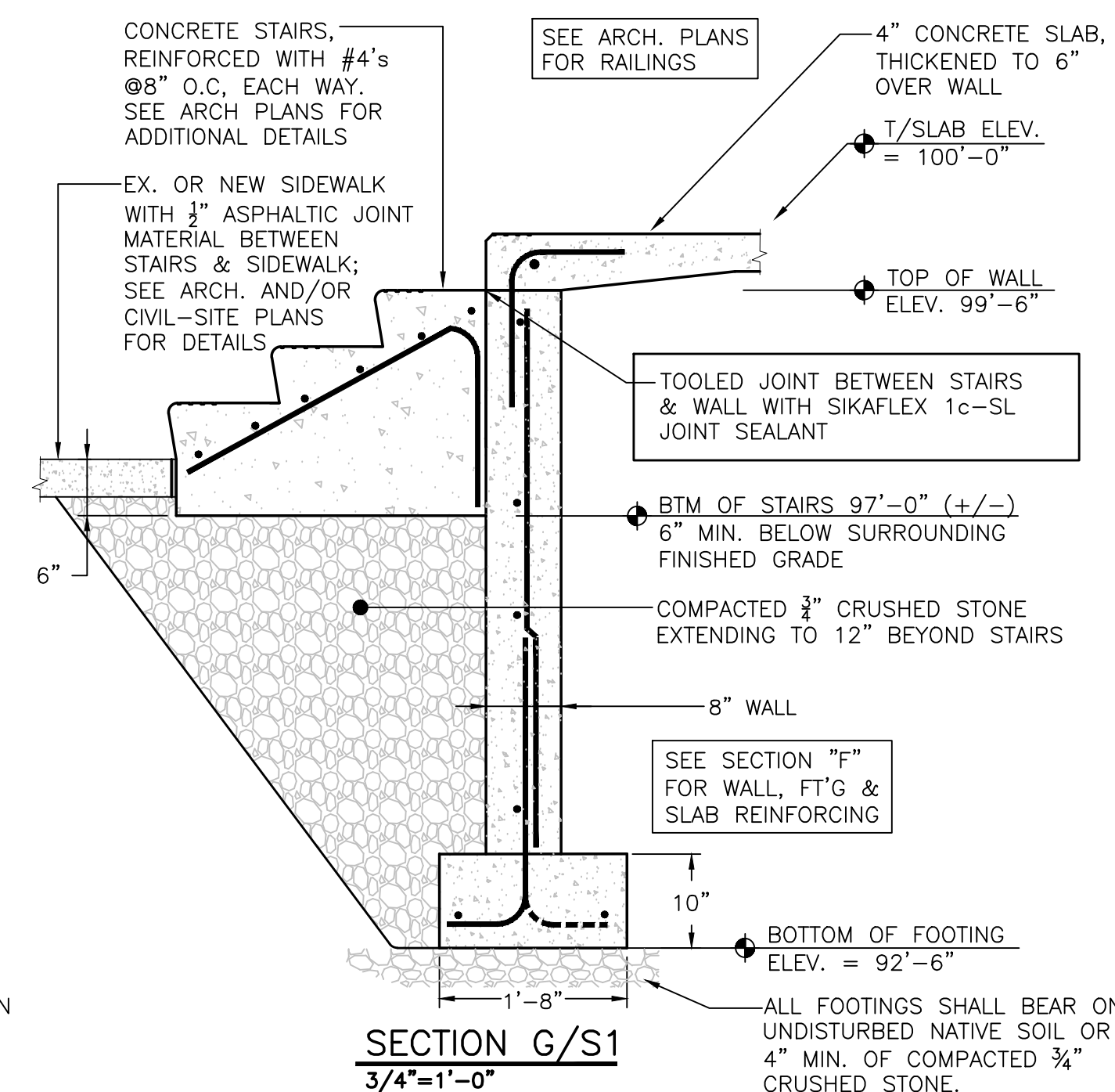
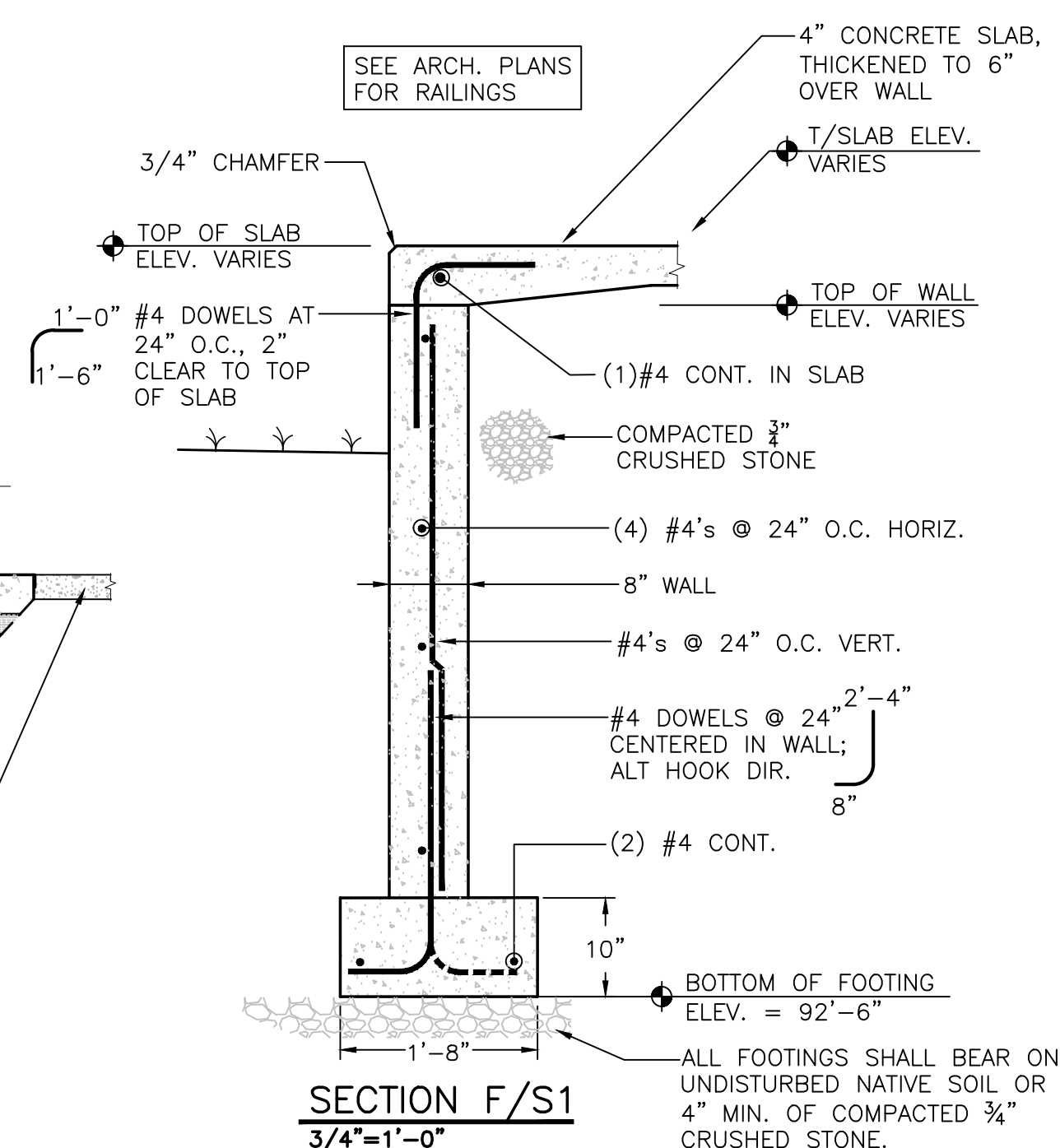
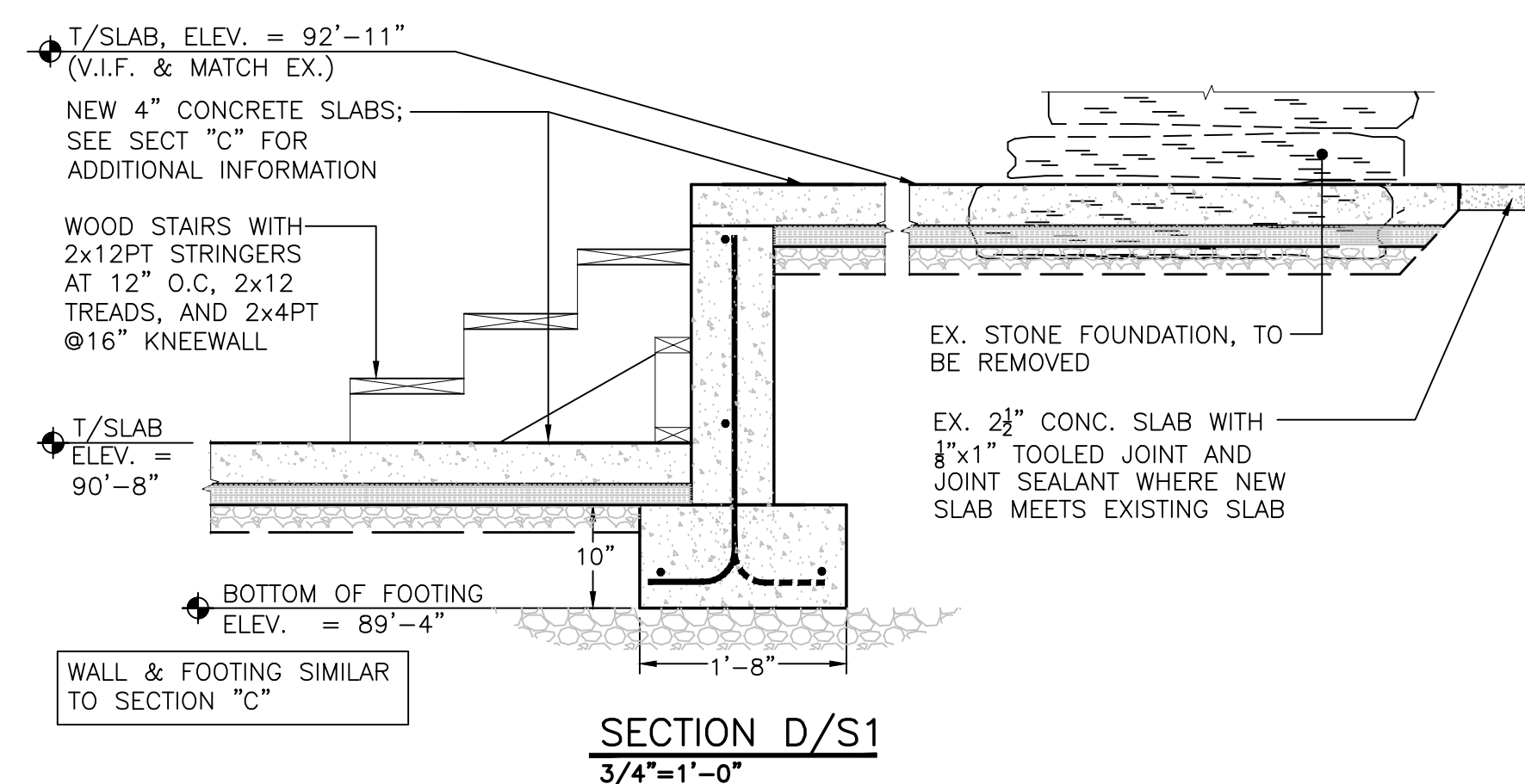
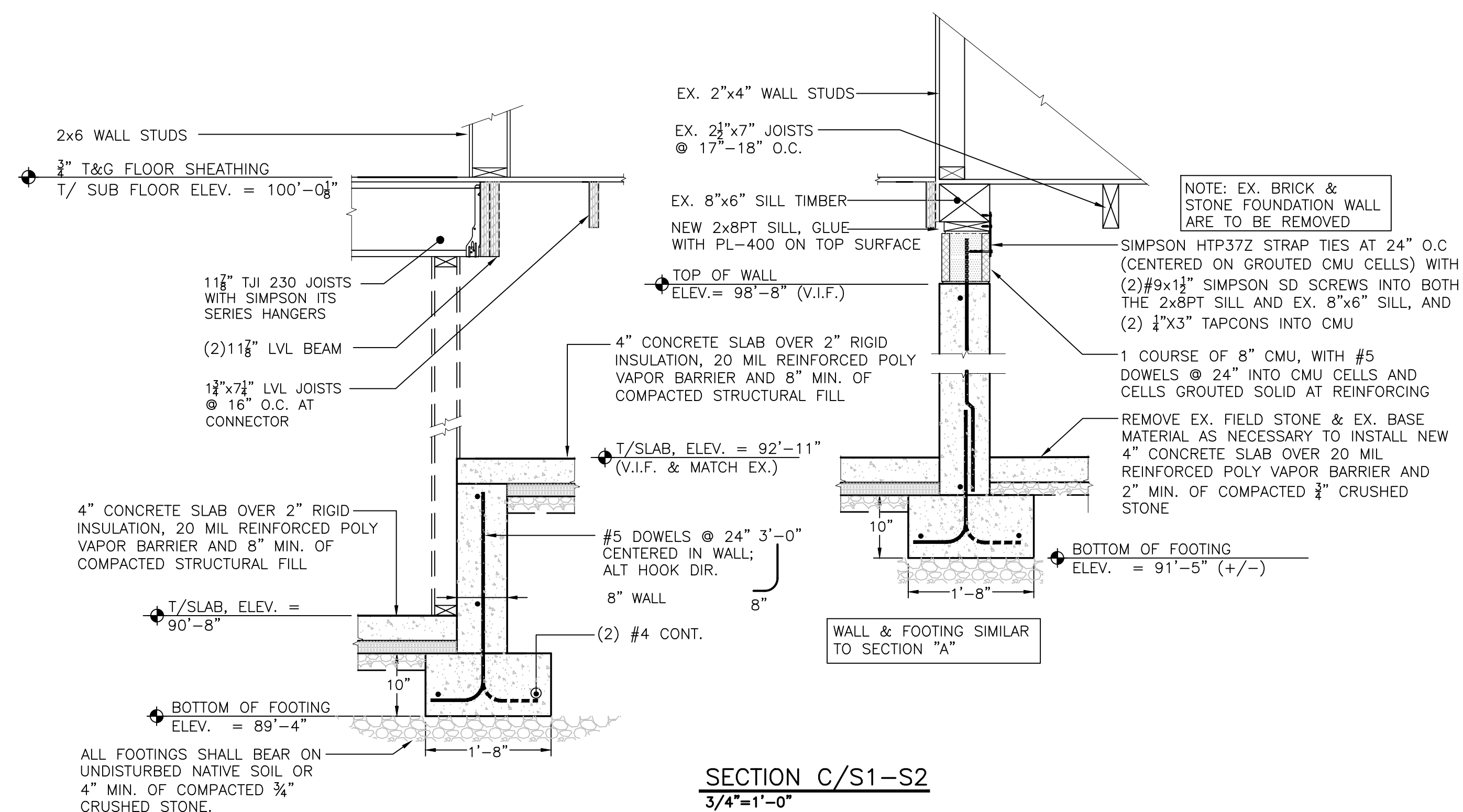
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Date:
27 FEB 2020





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BIDDING AND
PERMITTING
2/27/20

SCHAAL ENGINEERING, P.C.
P.O. Box 152 | 61 Depot Street
Wildor, VT 05088-0152
(802) 295-2002
Timothy@schaalengineering.com

TURNING POINT NETWORK
ADDITION & ALTERATIONS
231 Board Street
Claremont, New Hampshire

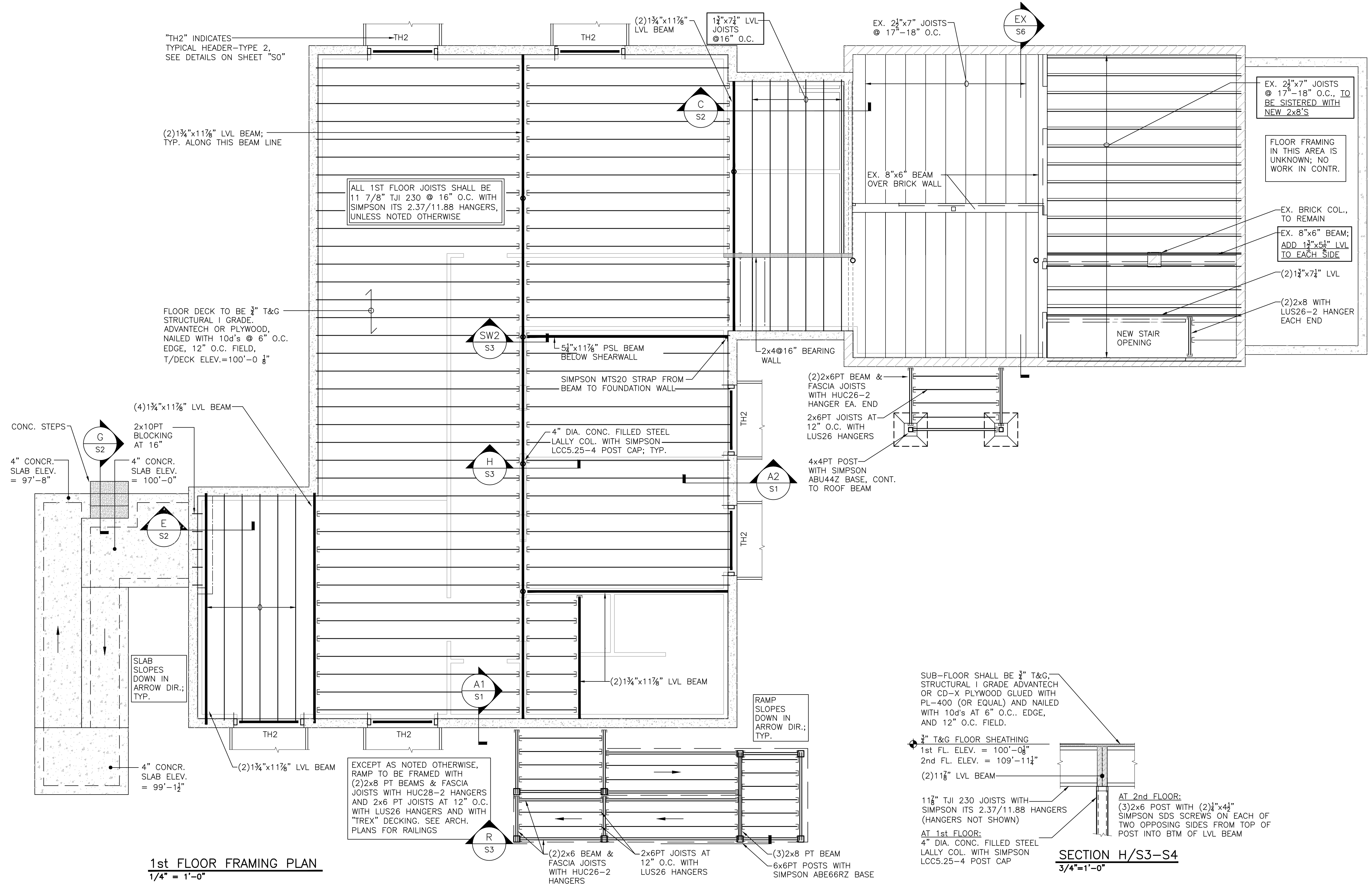
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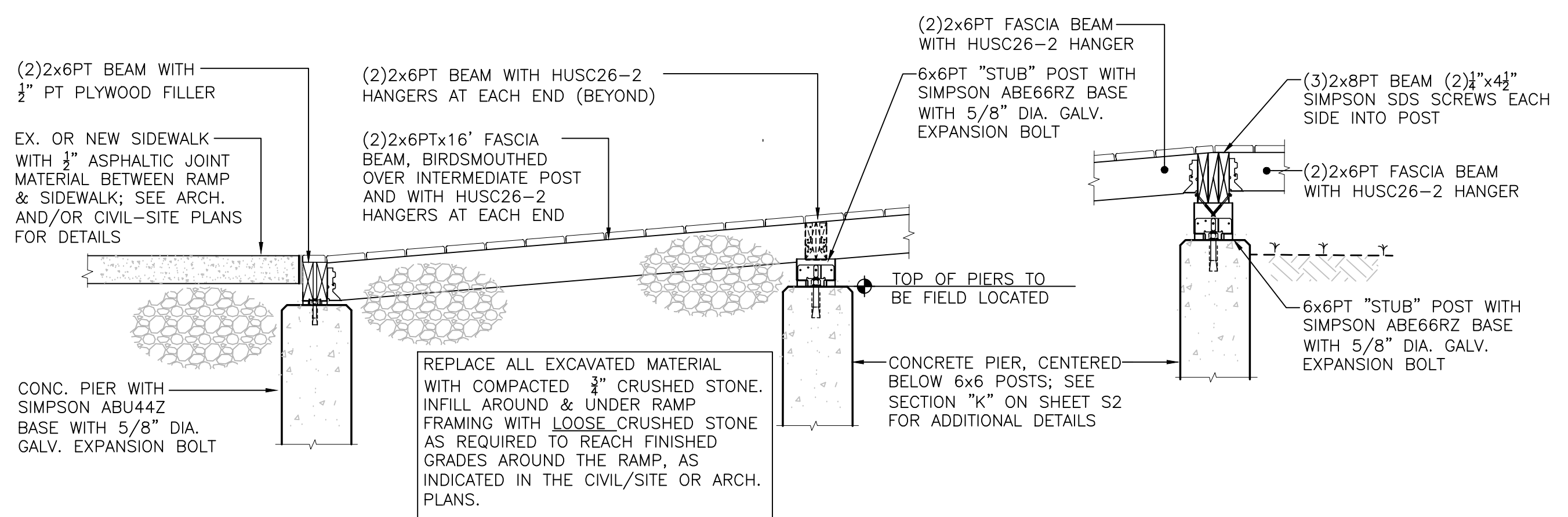
SHEET 3 OF 8

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CHECKED BY:	T.L.S.
DATE:	2/27/20
DRAWN BY:	BTH

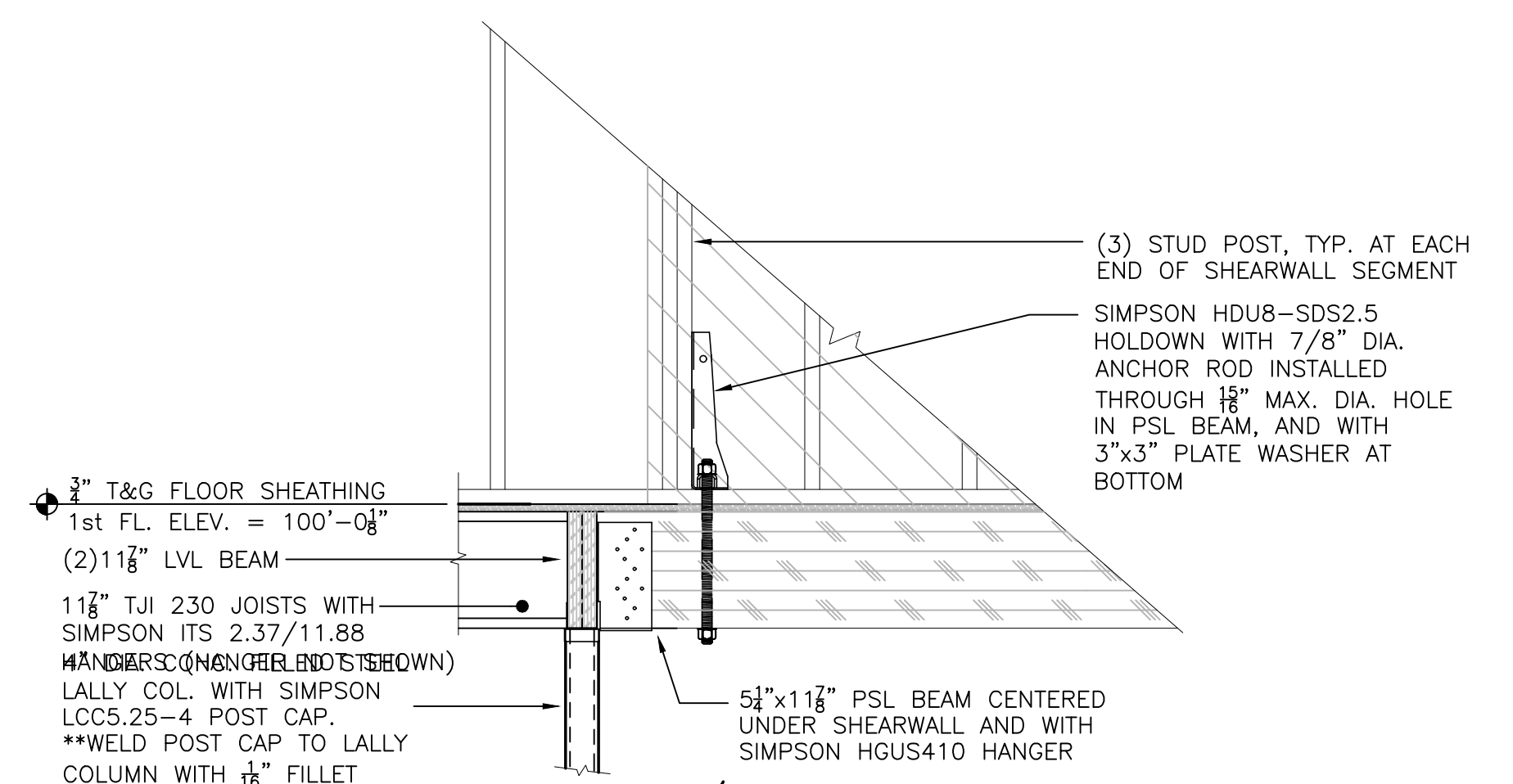
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1st FLOOR FRAMING PLAN
1/4" = 1'-0"

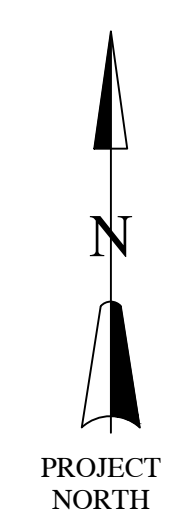


SECTION R/S3
N.T.S.



SECTION SW2/S3
N.T.S.

SECTION H/S3-S4
3/4"=1'-0"



NO.	REVISION	DATE	NO.	REVISION	DATE

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2/27/20

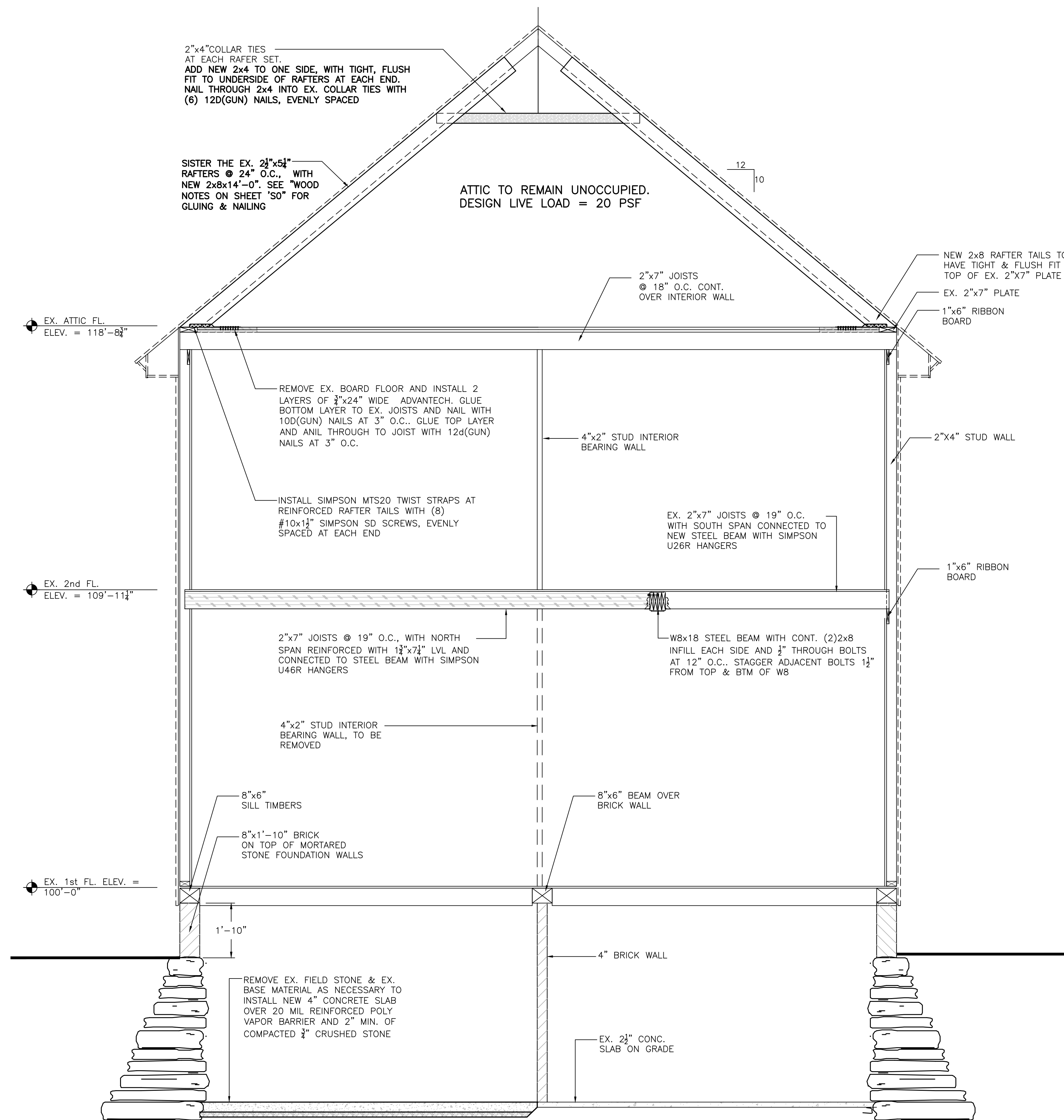
SCHAAL ENGINEERING, P.C.
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Wilder, VT 05088-0152
(802) 295-2002
timothy@schaalengineering.com

TURNING POINT NETWORK
ADDITION & ALTERATIONS
231 Board Street
Claremont, New Hampshire

PROJECT

DRAWING NUMBER
S3
SHEET 4 OF 8

SCALE: SEE PLANS
CHECKED BY: T.L.S.
DATE: 2/27/20
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SECTION EX
1/2"=1'-0"

NO.	REVISION	DATE

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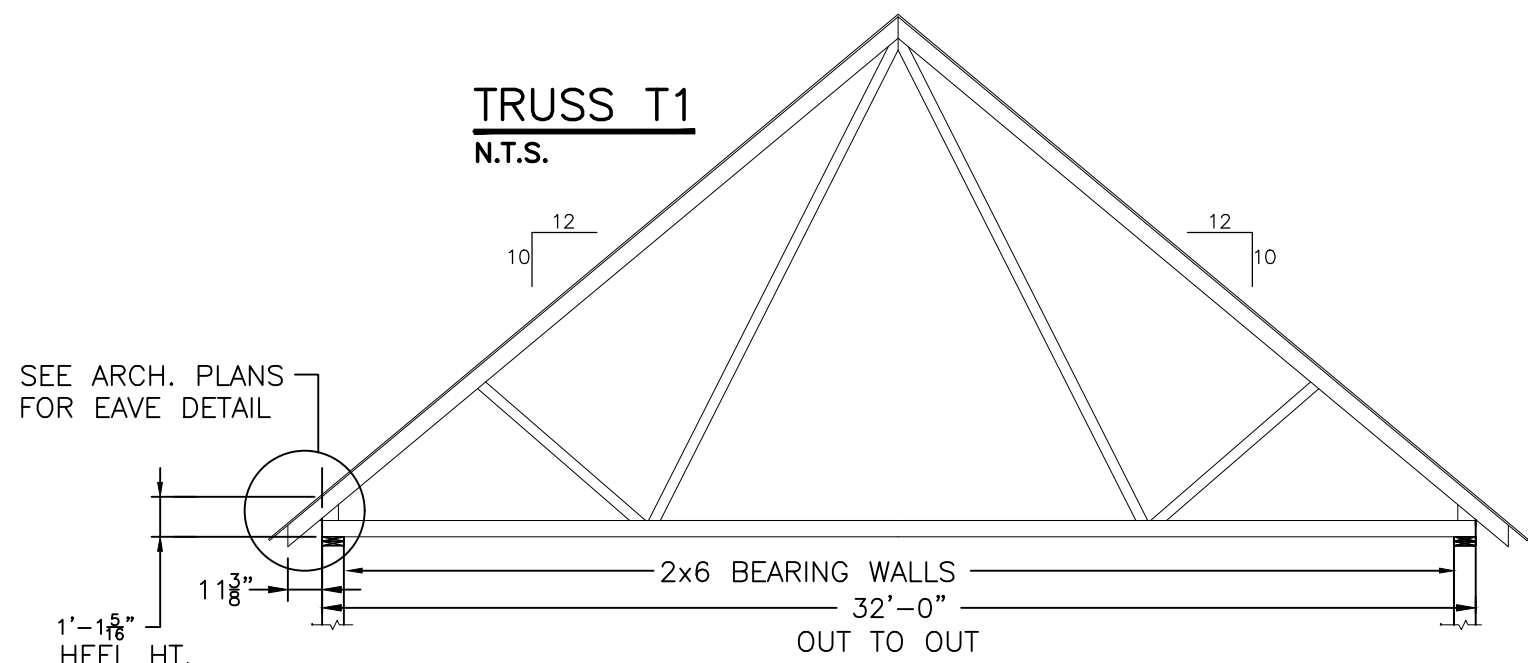
TURNING POINT NETWORK
ADDITION & ALTERATIONS
231 Board Street
Claremont, New Hampshire

PROJECT

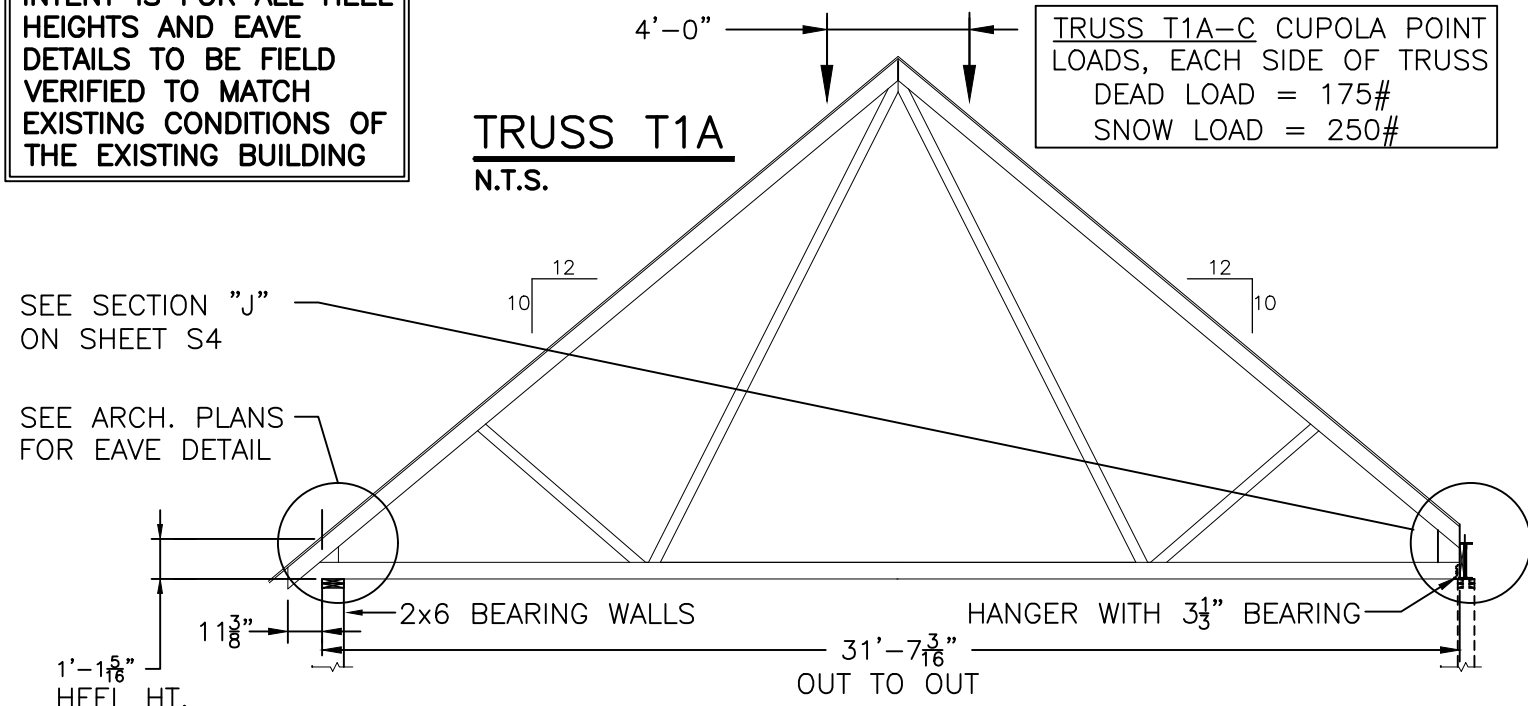
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SHEET 7 OF 8

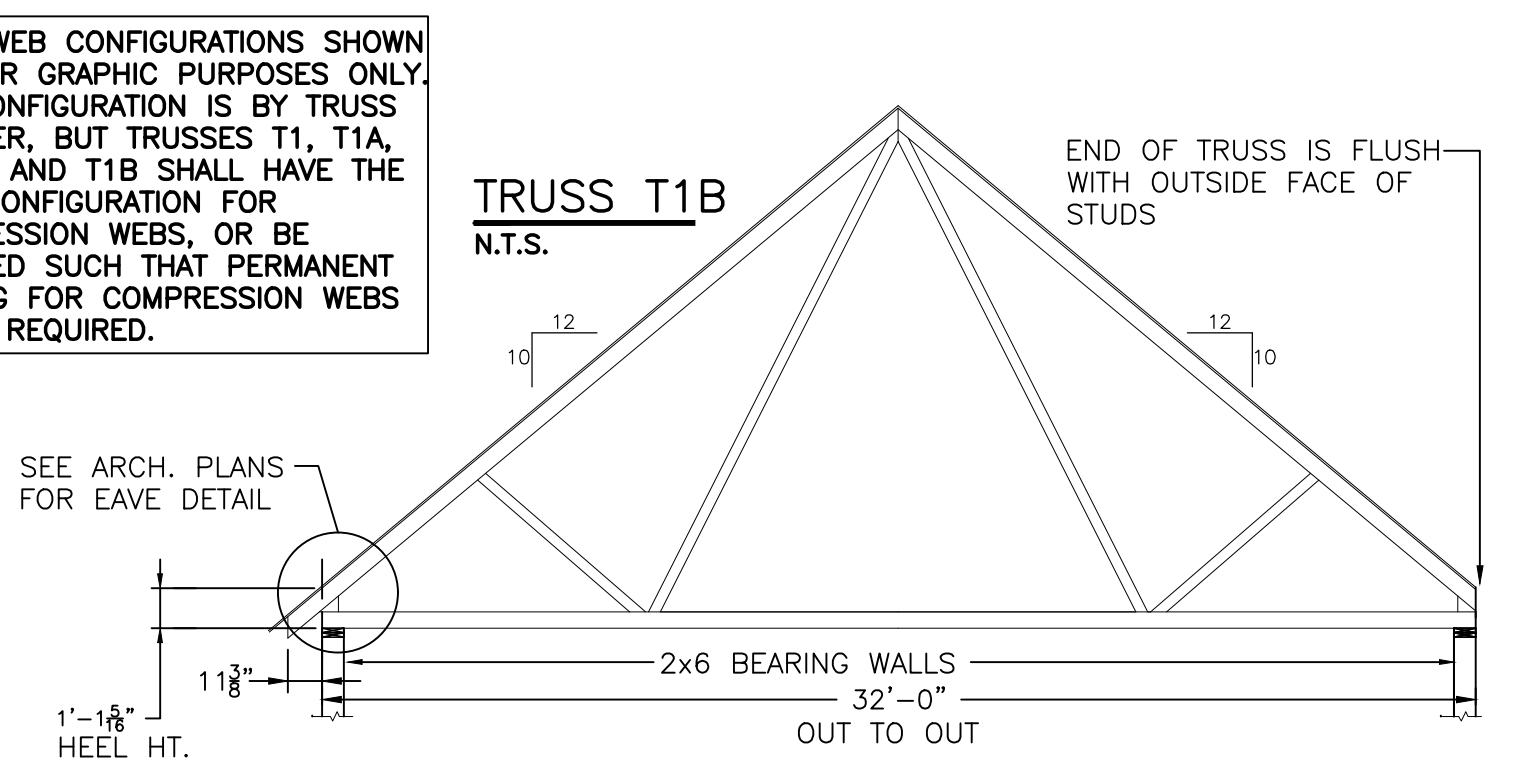
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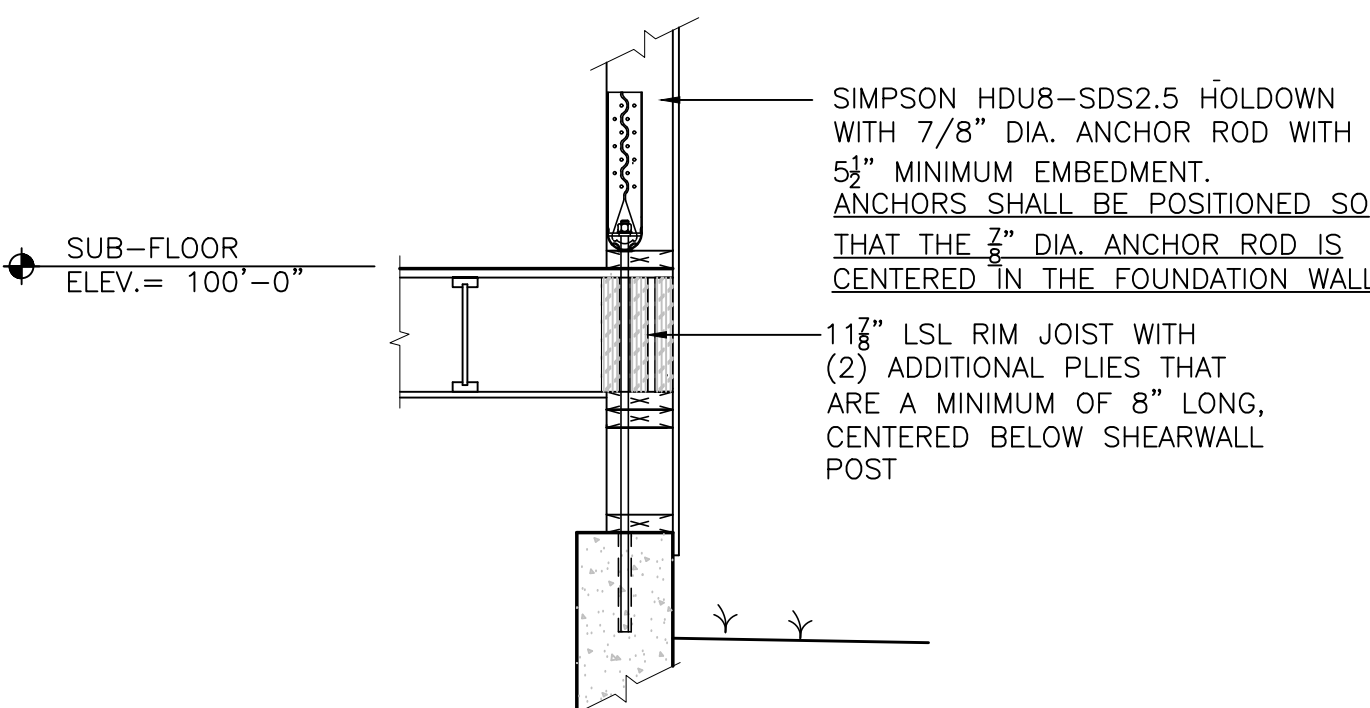
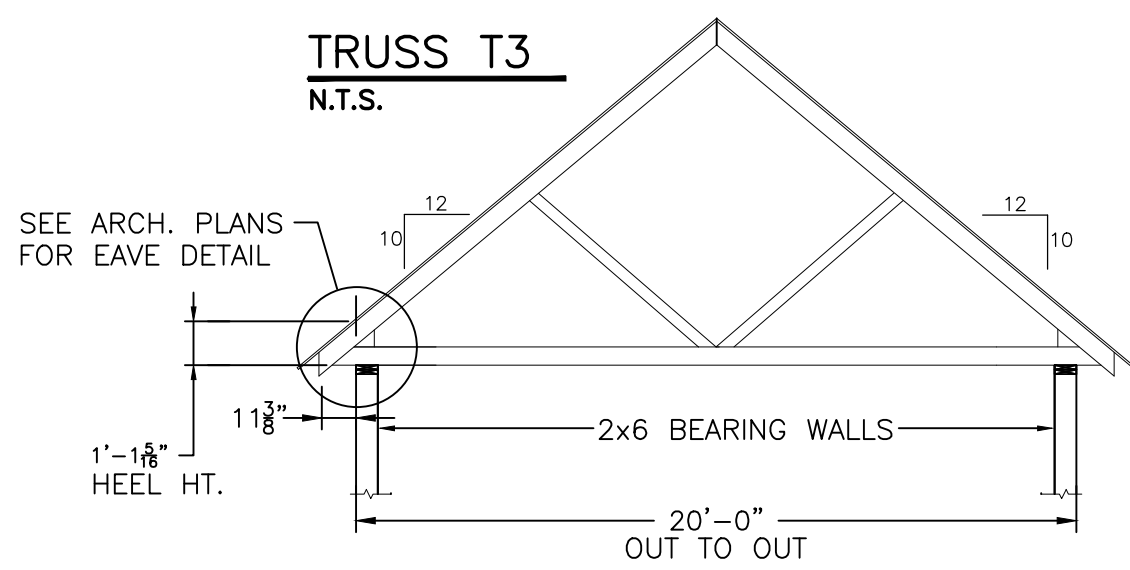
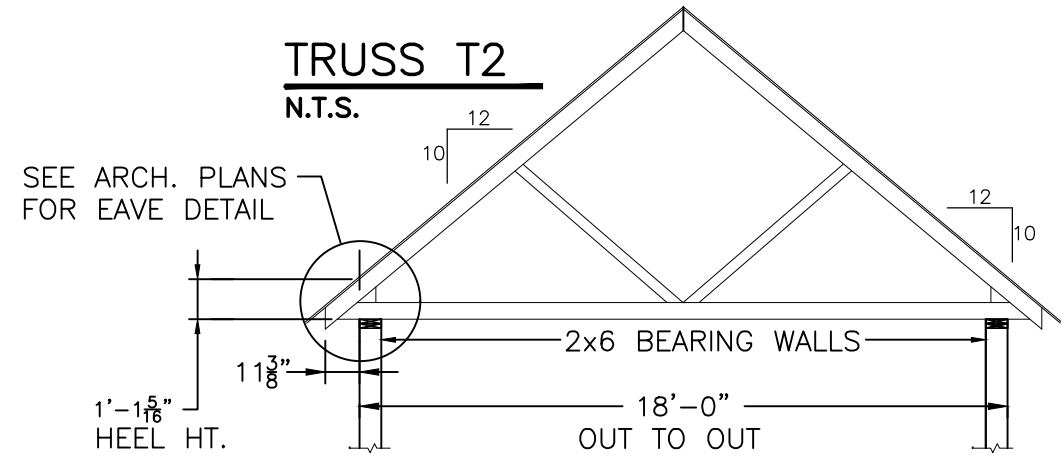
NOTE: THE ARCHITECT'S INTENT IS FOR ALL HEEL HEIGHTS AND EAVE DETAILS TO BE FIELD VERIFIED TO MATCH EXISTING CONDITIONS OF THE EXISTING BUILDING



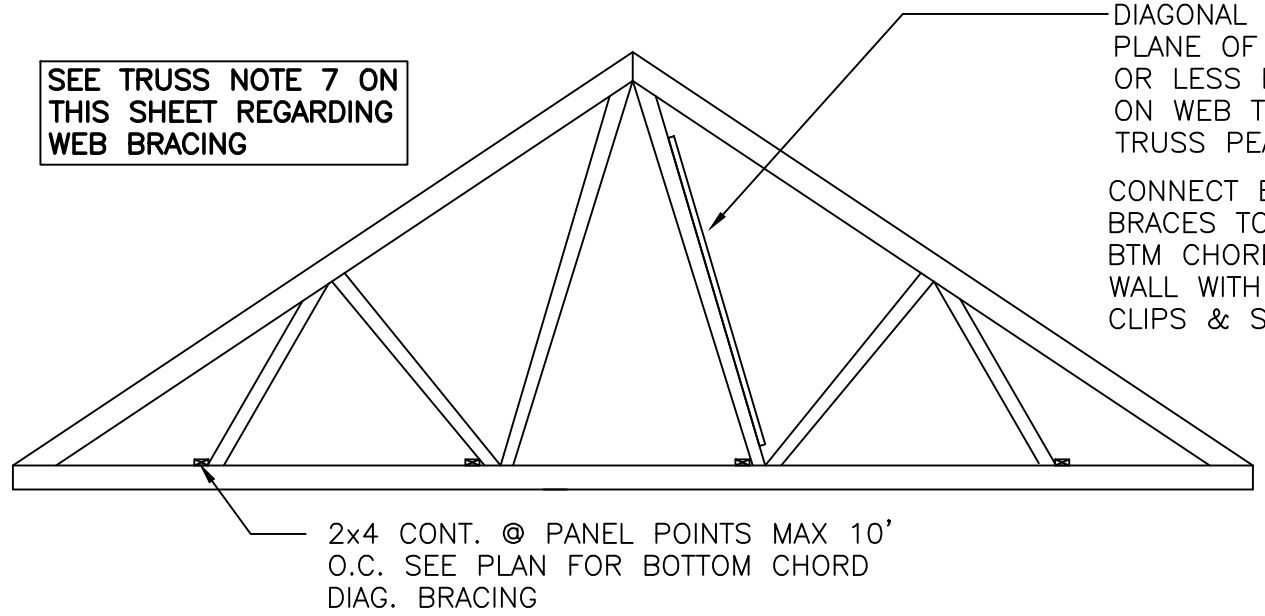
TRUSS T1A-C CUPOLA POINT LOADS, EACH SIDE OF TRUSS DEAD LOAD = 175# SNOW LOAD = 250#



NOTE: WEB CONFIGURATIONS SHOWN ARE FOR GRAPHIC PURPOSES ONLY. WEB CONFIGURATION IS BY TRUSS DESIGNER, BUT TRUSSES T1, T1A, T1A-C, AND T1B SHALL HAVE THE SAME CONFIGURATION FOR COMPRESSION WEBS, OR BE DESIGNED SUCH THAT PERMANENT BRACING FOR COMPRESSION WEBS IS NOT REQUIRED.

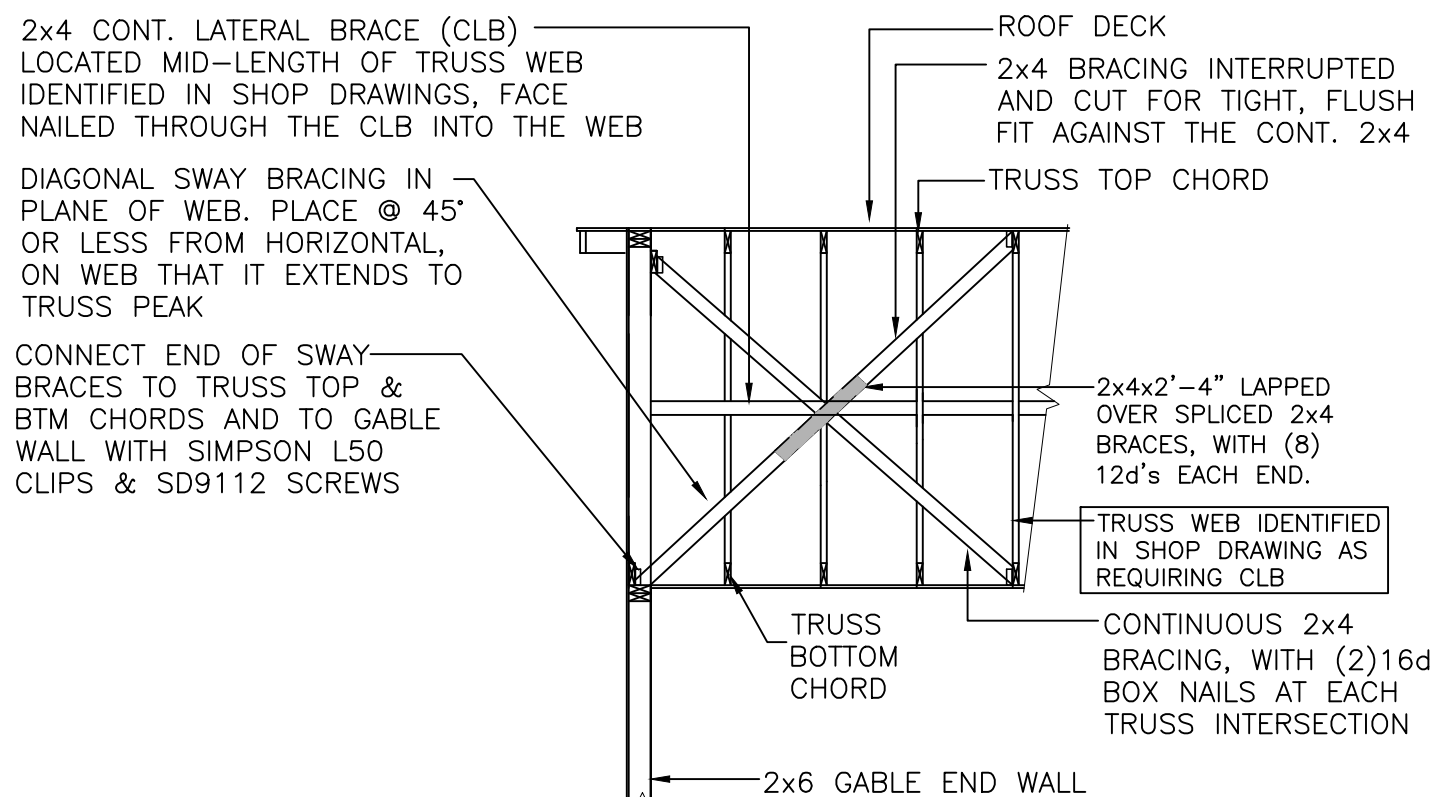


SHEARWALL FOUNDATION ANCHOR DETAIL N.T.S.

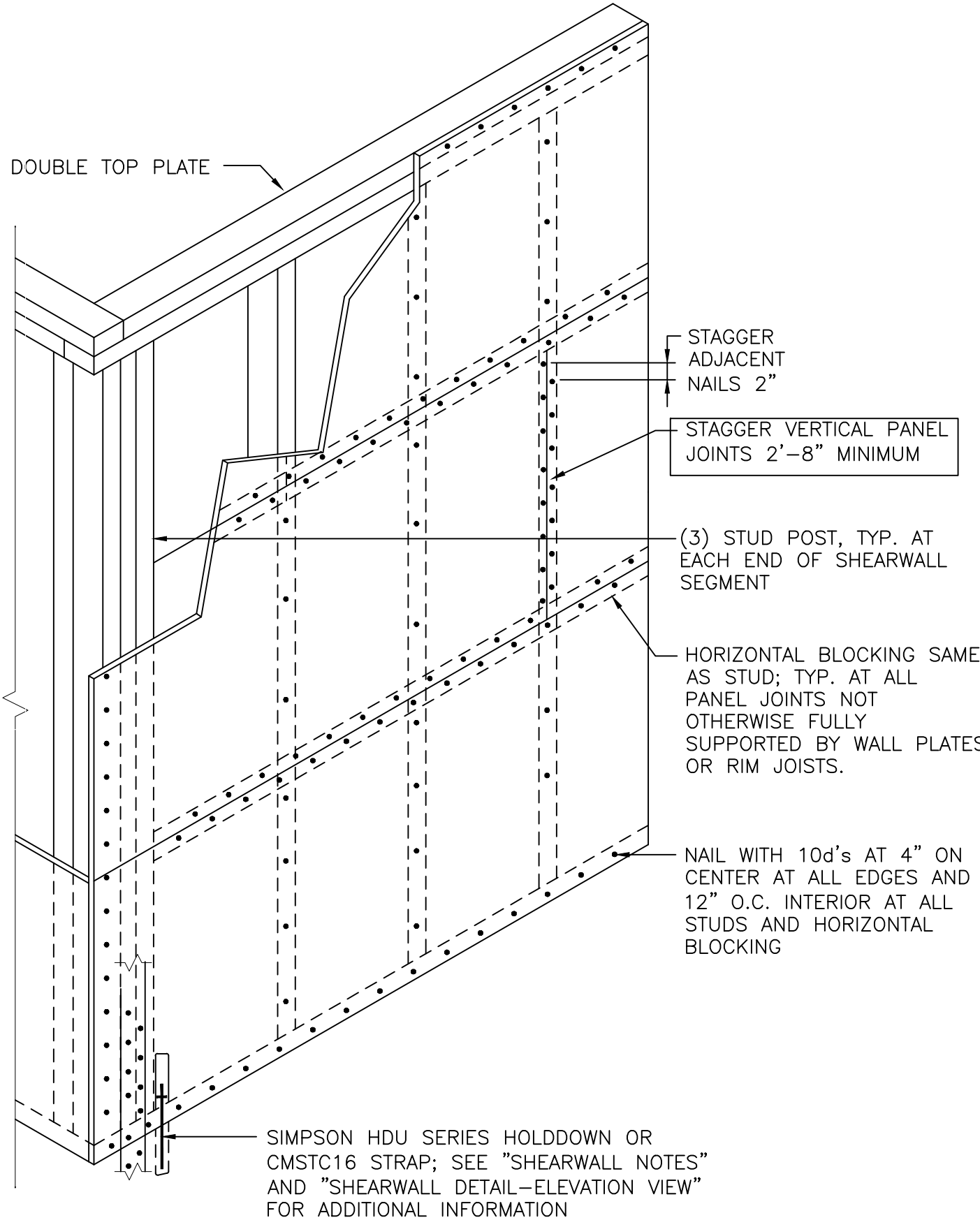


TRUSS BRACING ELEVATION NOT TO SCALE

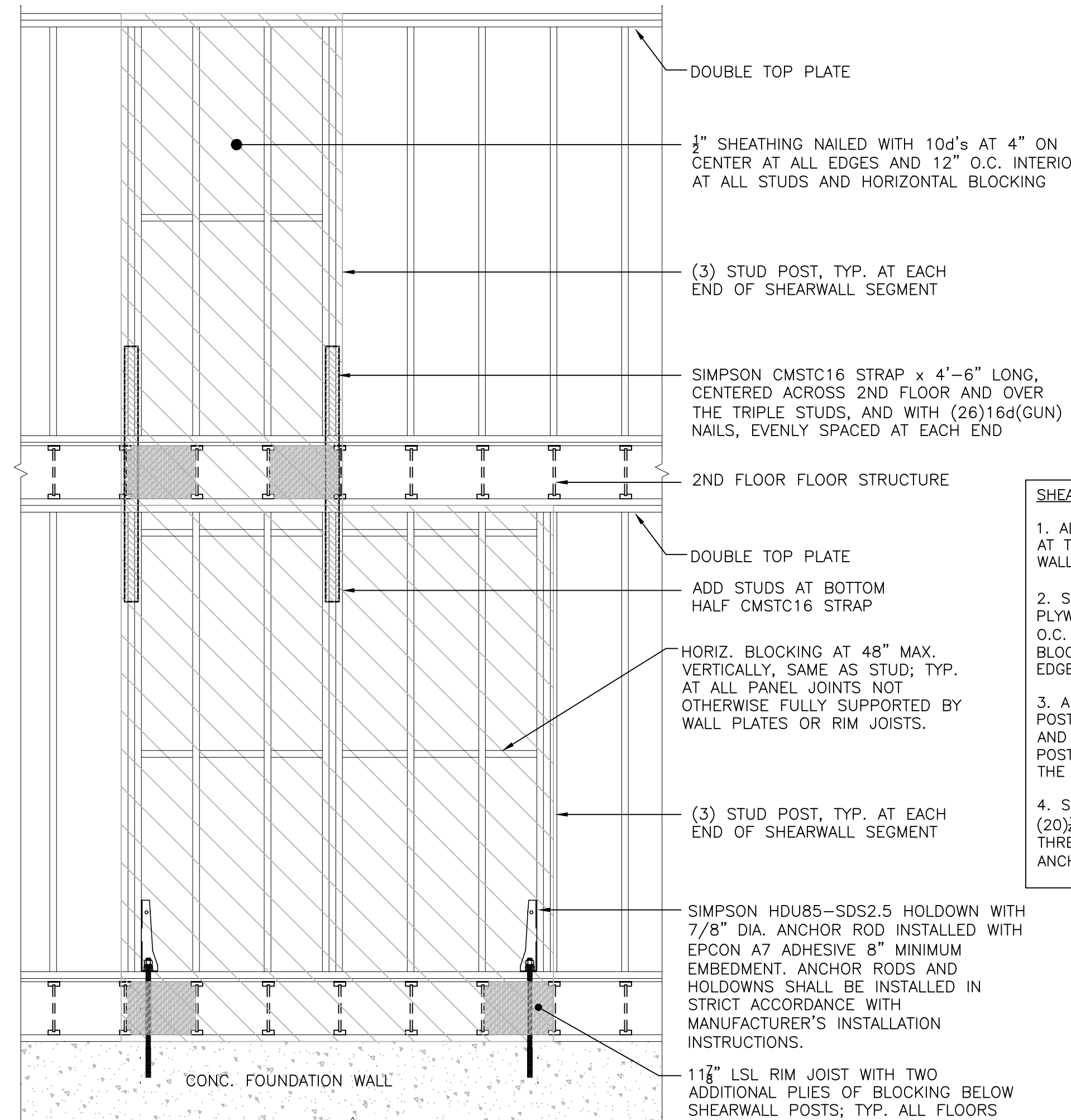
TRUSS SWAY BRACING NOT TO SCALE



TRUSS CLB BRACING NOT TO SCALE THIS DETAIL APPLIES AT 20'-0" MIN. SPACING FOR ALL WEBS REQUIRING A CONTIN. LATERAL BRACE (CLB)



SHEARWALL PANEL LAYOUT & NAILING DETAIL N.T.S.



SHEARWALL DETAIL -ELEVATION VIEW N.T.S.

- METAL PLATE CONNECTED WOOD TRUSS NOTES**
- ALL WOOD TRUSSES SHALL COMPLY WITH THE FOLLOWING CODES AND REGULATIONS:
 - TIMBER CONSTRUCTION MANUAL - AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
 - NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENINGS - NATIONAL FOREST PRODUCTS ASSOCIATION
 - DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES - TRUSS PLATE INSTITUTE.
 - ANSI / TPI 1-1995
 - LUMBER FOR WOOD TRUSSES SPRUCE-PINE-FIR, NO. 2 OR BETTER WITH A MINIMUM BENDING STRESS OF 1,000 PSI, REPETITIVE MEMBER USE.
 - ALL LUMBER SHALL BE STRAIGHT AND NEW, IN SOUND CONDITION, KILN DRIED WITH A MAXIMUM MOISTURE CONTENT OF 19%. ALL DIMENSION LUMBER SHALL BEAR THE GRADE AND MARK OF THE ASSOCIATION UNDER WHOSE RULES IT IS PRODUCED, AND A MARK OF MILL IDENTIFICATION.
 - CONNECTOR PLATES SHALL BE MANUFACTURED BY A WTCA MEMBER PLATE SUPPLIER AND SHALL MEET OR EXCEED ASTM A653 REQUIREMENTS FOR STRUCTURAL STEEL
 - THE MINIMUM NOMINAL SIZE FOR WOOD MEMBERS OF TRUSSES SHALL BE 2X4.
 - ANY MEMBERS REQUIRING PERMANENT LATERAL BRACING SHALL BE TAGGED.
 - ALL TRUSSES SHALL HAVE THE SAME WEB CONFIGURATION.
 - ALL TRUSS WEBS SHALL BE DESIGNED SO THAT NO NO MORE THAN ONE CONTINUOUS LATERAL BRACE IS REQUIRED PER WEB.
 - ALL TRUSS TO TRUSS CONNECTIONS SHALL BE DESIGNED BY THE TRUSS DESIGNER.
 - SUBMIT SHOP DRAWINGS, INCLUDING TEMPORARY AND PERMANENT BRACING, TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL BEAR THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER, LICENSED TO PRACTICE STRUCTURAL ENGINEERING IN THE STATE OF NEW HAMPSHIRE.
 - ERECTION, HANDLING AND MINIMUM TEMPORARY BRACING DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2013 EDITION (UPDATED MARCH 2015) BUILDING COMPONENT SAFETY INFORMATION (BCSI) "GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING AND BRACING OF METAL PLATE CONNECTED WOOD TRUSSES" AND IT'S ASSOCIATED JOB-SITE "SUMMARY SHEETS."
 - TRUSSES SHALL BE SET AND SECURED LEVEL AND PLUMB, AND IN CORRECT LOCATION.
 - FIELD CUTTING AND ALTERING TRUSSES IS NOT PERMITTED.

METAL PLATE CONNECTED LIGHT WOOD TRUSS LOADING CRITERIA

TOP CHORD DEAD LOAD = 10 psf
BOTTOM CHORD DEAD LOAD = 10 psf

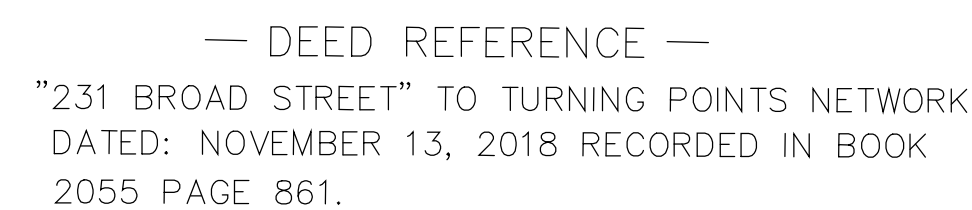
SLOPED ROOF SNOW LOAD = 57 psf
UNBALANCED SNOW LOADS: NOT REQ'D FOR 10:12 PITCH

SEE SHEET "S0" FOR WIND LOADING CRITERIA

- SHEARWALL NOTES:**
- ALL SHEARWALLS TO EXTEND FROM BOTTOM PLATE AT THE FOUNDATION TO THE FULL HEIGHT OF THE WALL.
 - SHEARWALLS TO BE SHEATHED WITH 1/2" CD-X PLYWOOD OR ADVANTECH, NAILED WITH 10d's AT 4" O.C. EDGE AND 12" O.C. FIELD, WITH SOLID BLOCKING AS REQUIRED AT ALL HORIZONTAL PANEL EDGES.
 - ALL SHEARWALLS SHALL HAVE A TRIPLE STUD POST AT EACH END, WITH SIMPSON HDU ANCHORS, AND (3)2x6 VERTICAL BLOCKING UNDER EACH END POST BETWEEN THE FOUNDATION AND UNDERSIDE OF THE FLOOR SHEATHING.
 - SIMPSON HDU8-SDS2.5 ANCHORS SHALL HAVE (20)1/4"x2 1/2" SDS SCREWS AT POSTS AND 8" DIA. THREADED ROD (ASTM A449, GRADE B7) EPOXY ANCHOR WITH 8" EMBEDMENT.

SCHAAL ENGINEERING, P.C. P.O. Box 152 61 Depot Street Wilder, VT 05088-0152 (802) 295-2002 Timothy@schadalengineering.com		RELEASED FOR BIDDING AND PERMITTING 2/27/20	
TURNING POINT NETWORK ADDITION & ALTERATIONS 231 Board Street Claremont, New Hampshire		DRAWING NUMBER S7 SHEET 8 OF 8	
SCALE: SEE PLANS CHECKED BY: T.L.S. DATE: 2/27/20 DRAWN BY: BTH		NO. REVISION DATE	

A map showing the proposed site location. The site is a hatched rectangular area located between Breck Avenue and Broad Street, and between Alexander Avenue and Cossitt Avenue. The map includes a north arrow pointing towards the top right.



1. PLAN ENTITLED " PROPERTY OF JANET P. MCPHERSON CLAREMONT, N.H. " DATED: NOV. 1967 PREPARED BY WALTER F. BRECKENRIDGE RECORDED IN PLANFILE 2, NUMBER 129.
2. PLAN ENTITLED " PLAN OF HOUSE LOT 231 BROAD STREET CLEREMONT, N. H." DATED: NOV. 1952 PREPARED BY: F.F. PARKER RECORDED IN PLANFILE 1, POCKET 1, FOLDER 1, NUMBER 12.

ZONED PR
FRONT AND REAR YARD - 25'
SIDE YARD - 10'

TAX MAP 132 LOT 53
PETER BATCHELDER
4 ALEXANDER AVENUE
CLAREMONT, NEW HAMPSHIRE 03743

CHAIRMAN: _____ DATE: _____

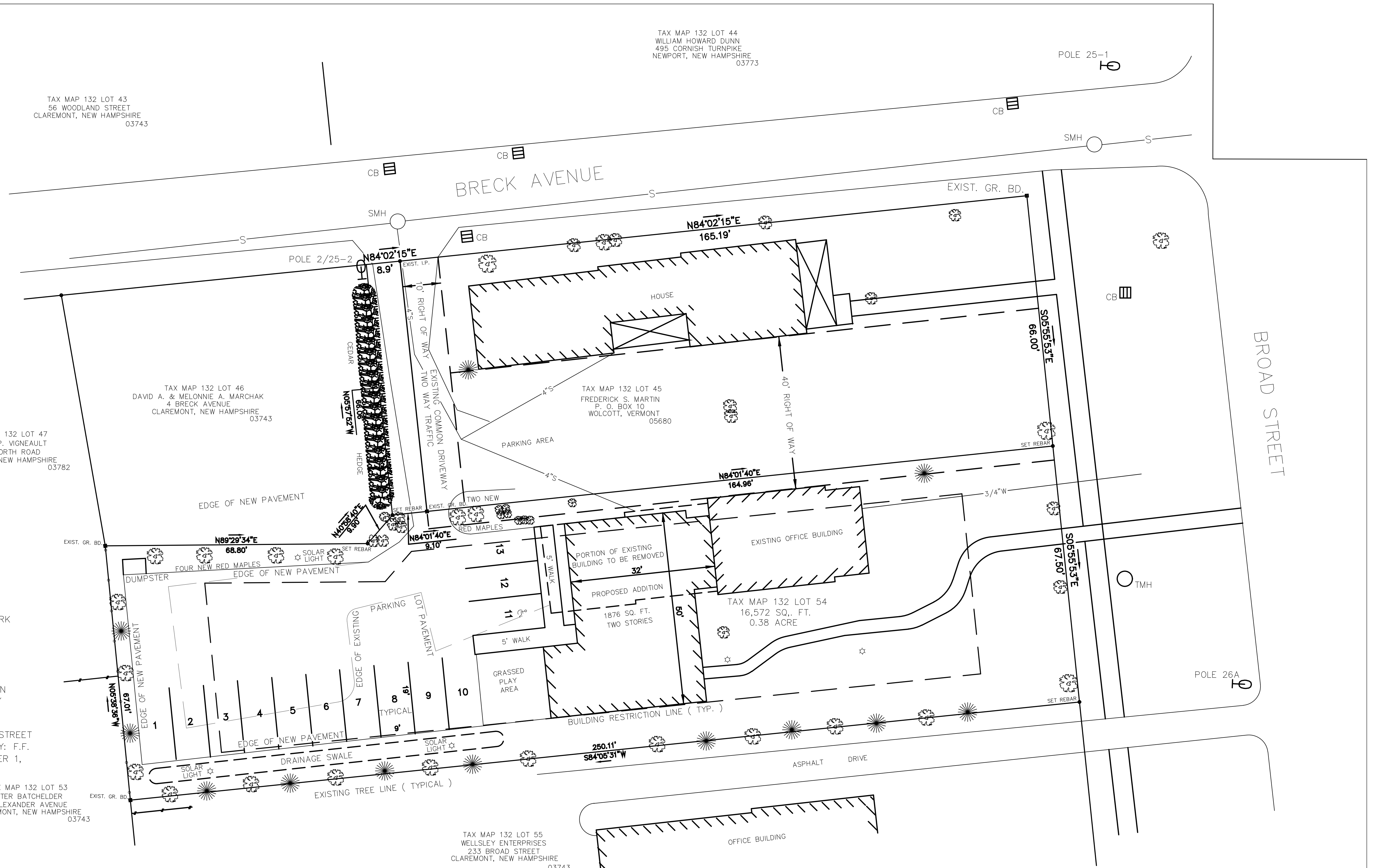
REVIEWED BY: _____ DATE: _____
Department of Public Works

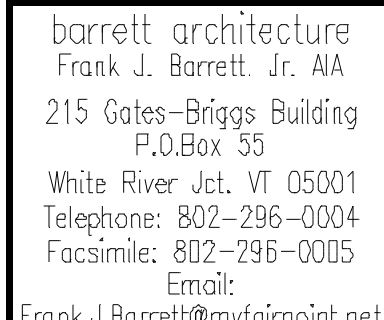
REVIEWED BY: _____ DATE: _____
Police Department

REVIEWED BY: _____ DATE: _____
Fire Department

I HEREBY CERTIFY THAT I HAVE MADE A SURVEY OF THE TRACT SHOWN HEREON, AND THIS PLAT IS MADE IN ACCORDANCE WITH THE FIELD NOTES OF SAID SURVEY.

WAYNE McCUTCHEON ASSOCIATES, INC
492 WASHINGTON STREET
CLAREMONT, NEW HAMPSHIRE
PROJECT NO. 1633318





TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION

MECHANICAL
LOWER LEVEL PLAN

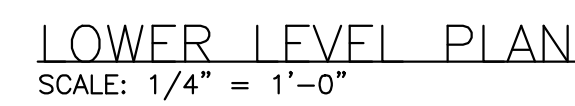
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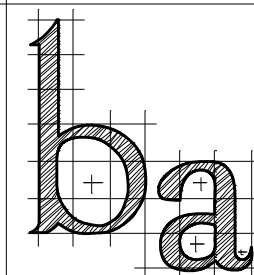
Date:
27 FEB. 2020

① CARRY AND CONNECT THE 1-1/4" CONDENSATE DRAIN LINE TO THE NEAREST INDIRECT WASTE CONNECTION. THIS CONNECTION TO BE MADE BY THE PLUMBING CONTRACTOR.



ISSUED FOR CONSTRUCTION 02/27/2020

CONSULTANT:
**Brooklands Mechanical
Design**
Dublin, NH 03444
Phone: (603) 209-3616
Email: dana@brooklandsdesign.com

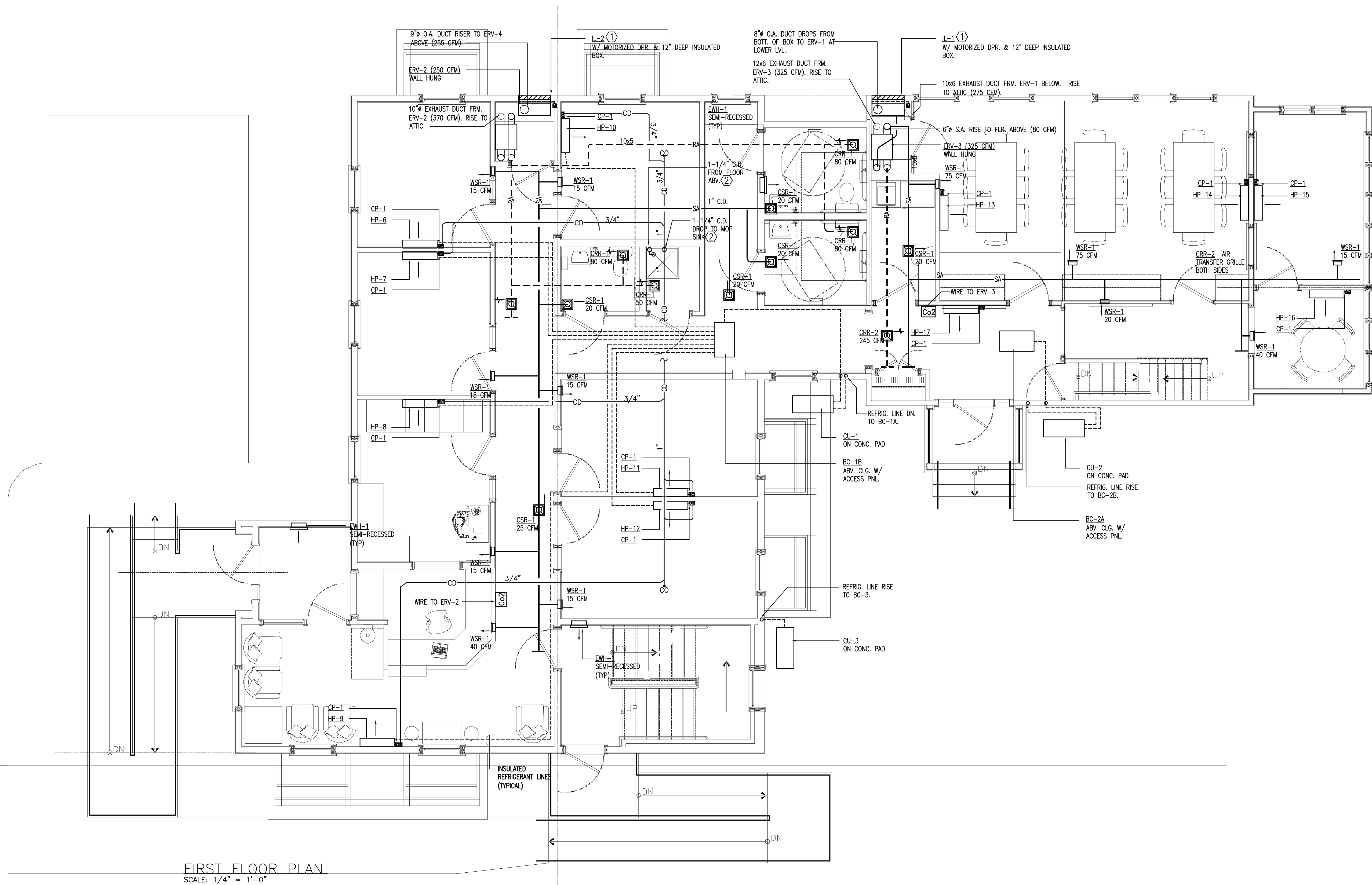


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Frank J. Barrett, Jr. AIA
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Email:
Frank.J.Barrett@myfairpoint.net

Stamp:

FLOOR PLAN KEY NOTES

- ① INTAKE LOUVERS IL-1 AND IL-2 ON WALL. TOP OF LOUVER EVEN WITH TOP OF WINDOW.
② TERMINATE THE CONDENSATE DRAINS IN THE SINK WITH A 2.5" AIR GAP ABOVE THE HIGH WATER LINE.



FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

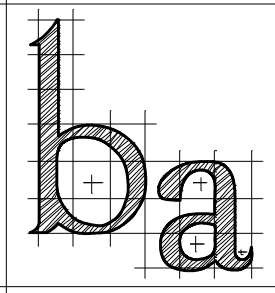
TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

MECHANICAL
FIRST FLOOR PLAN

Revisions:

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M2
Date:
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TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

MECHANICAL
SECOND FLOOR PLAN

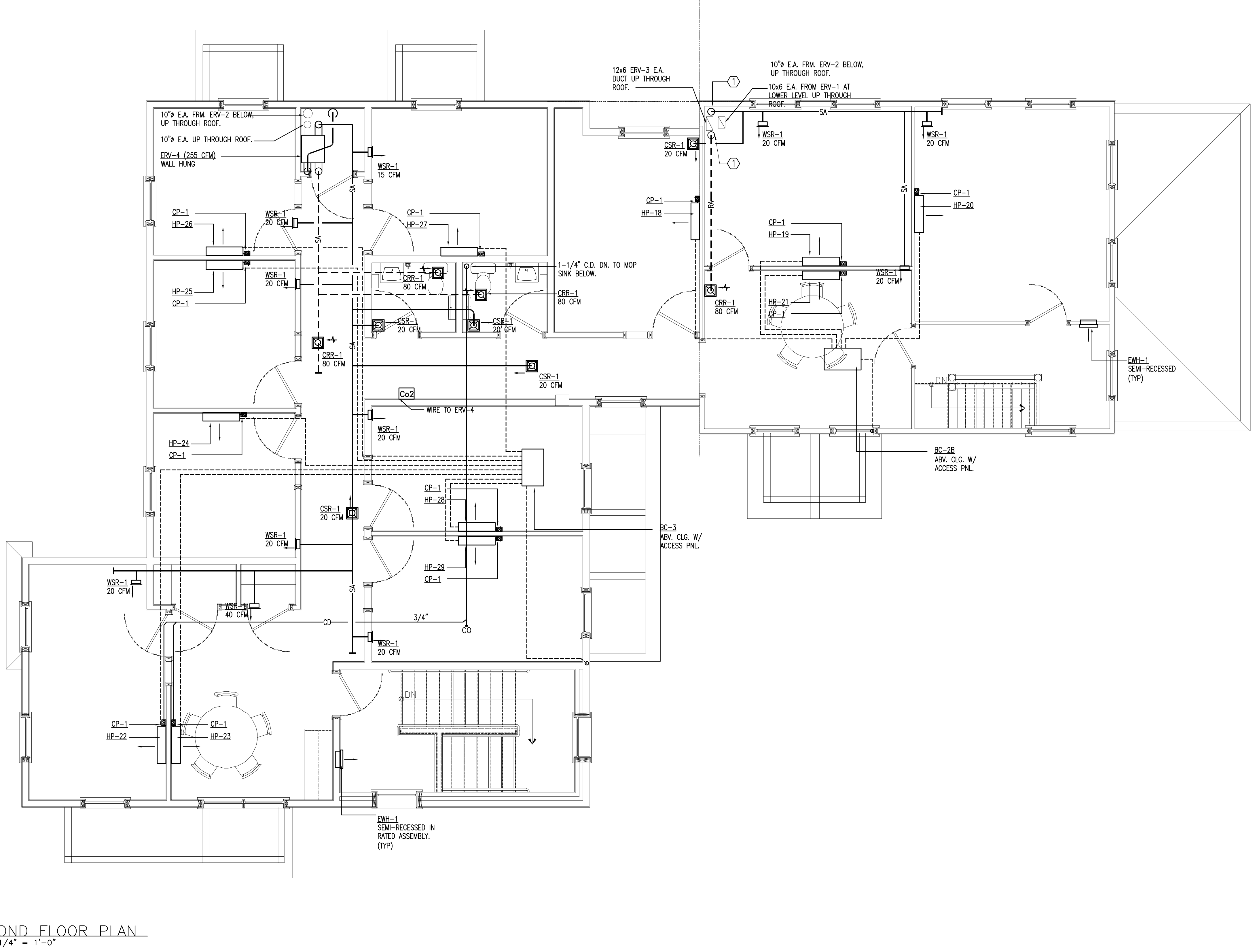
Revisions:	

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Date:
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FLOOR PLAN KEY NOTES

① 6"Ø SUPPLY & RETURN DUCTS TO AND FROM
ERV-3 BELOW. OFFSET BELOW AS REQUIRED,
RISE AND DROP IN THIS CORNER (80 CFM).



SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

VENTILATION RATE SCHEDULE							
THIS DESIGN IS BASED ON THE 2015 INTERNATIONAL MECHANICAL CODE CHAPTER 4, SECTIONS 401 "GENERAL", 403 "MECHANICAL VENTILATION", AND TABLE 403.3 "MINIMUM VENTILATION RATES" BASED ON NET OCCUPIABLE FLOOR AREAS.							
ROOM	ROOM AREA SQ. FT.	ESTIMATED NUMBER OF PEOPLE	MECHANICAL VENTILATION				REMARKS
			CFM PER PERSON	MIN. REQUIRED CFM OUTDOOR AIR	ACTUAL DESIGN CFM OUTDOOR AIR	DESIGN CFM EXHAUST AIR	
L.L. OPEN OFFICE 100	280	2	5	10	30		
L.L. OFFICE 105	140	2	5	10	20		
L.L. OFFICE 104	140	2	5	10	20		
L.L. PASS THRU 107	155	2	5	10	30		
L.L. STORAGE 109	215	N.A.	N.A.	N.A.	20		
L.L. CORRIDOR 101	155	N.A.	N.A.	19	30		MIN. 0.6 CFM / SQ. FT.
L.L. TLT./SHOWER 106	85	N.A.		N.A.	30	100	
L.L. UNFINISHED 103	215	3	5	15	25		
F.F. OFFICE 105	115	1	5	5	15		
F.F. OFFICE 104	110	1	5	5	15		
F.F. COPY/FILE 102	125	1	5	5	15		
F.F. RECEPTION 101	240	4	5	20	40		
F.F. OFFICE 107	110	1	5	5	15		
F.F. OFFICE 108	145	1	5	5	15		
F.F. OFFICE 109	145	1	5	5	15		
F.F. CONF. 119	370	24	5	120	150		
F.F. OFFICE 121	115	1	5	5	15		
F.F. CONF. 120	65	4	5	20	40		
F.F. ENTRY/STAIR 116 & 118	105	1	5	10	20		
F.F. CORRIDOR 103	225	N.A.	N.A.	14	25		MIN. 0.6 CFM / SQ. FT.
F.F. CORRIDOR 110 & 113	175	N.A.	N.A.	11	20		MIN. 0.6 CFM / SQ. FT.
F.F. TLT. 111	30	N.A.	N.A.	N.A.	20	80	
F.F. TLT. 114	50	N.A.	N.A.	N.A.	20	80	
F.F. TLT. 115	50	N.A.	N.A.	N.A.	20	80	
F.F. JANITOR 112	20	N.A.	N.A.	N.A.	0	50	
F.F. KITCHENETTE 117	50	2	7.5	14	20		
S.F. OFFICE 213	130	1	5	5	20		
S.F. OFFICE 215	170	1	5	5	20		
S.F. OFFICE 216	220	1	5	5	20		
S.F. MEETING 214	170	1	5	5	20		
S.F. OFFICE 200	170	1	5	5	20		
S.F. MEETING 201	155	5	5	20	40		
S.F. OFFICE 203	115	1	5	5	20		
S.F. OFFICE 204	115	1	5	5	20		
S.F. OFFICE 205	115	1	5	5	20		
S.F. OFFICE 207	135	1	5	5	15		
S.F. OFFICE 208	145	1	5	5	20		
S.F. OFFICE 209	145	1	5	5	20		
S.F. CORRIDOR 202	160	N.A.	N.A.	10	20		MIN. 0.6 CFM / SQ. FT.
S.F. CORRIDOR 210	160	N.A.	N.A.	10	20		MIN. 0.6 CFM / SQ. FT.
S.F. TLT. 211	50	N.A.	N.A.	N.A.	20	80	
S.F. TLT. 212	50	N.A.	N.A.	N.A.	20	80	

GENERAL PROJECT NOTES

1. THE MECHANICAL CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR HIRING, SUPERVISING AND COMPENSATION FOR ALL SUB TRADES WORK PERFORMED UNDER THE MECHANICAL CONTRACT.
3. THE MECHANICAL CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL SCHEDULING OF WORK MATERIALS AND ACTIVITIES OF ALL SUB TRADES WORK UNDER THE MECHANICAL CONTRACT.
4. THE DRAWINGS ARE DIAGRAMMATIC IN INTENT AND DO NOT INDICATE ALL WORK REQUIRED TO COMPLETE JOB.
5. EXACT LOCATION OF ALL NEW MATERIAL AND EQUIPMENT TO BE DETERMINED IN THE FIELD TO AVOID CONFLICTS WITH EXISTING SITE CONDITIONS AND OTHER TRADES.
6. THE MECHANICAL CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL AUTHORITIES HAVING JURISDICTION.
7. THE MECHANICAL CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED LICENSEES, PERMITS AND FEES.
8. THE MECHANICAL CONTRACTOR SHALL MINIMIZE DIRT AND DUST ACCUMULATION CAUSED BY THE MECHANICAL CONTRACTORS CONSTRUCTION ACTIVITIES.
9. THE MECHANICAL CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE OWNER FOR ACCESS TO BUILDING AND AREAS OF CONSTRUCTION UNDER THE MECHANICAL CONTRACT. THE MECHANICAL CONTRACTOR AND PERSONNEL SHALL ADHERE TO ALL OWNER REGULATIONS FOR ACCESS AND EXITING FOR PERSONNEL AND EQUIPMENT.
10. THE MECHANICAL CONTRACTOR SHALL PATCH, TOUCH UP, PAINT AND REPAIR ALL DAMAGED OR DISTURBED AREAS OF FLOORS, WALL OR CEILINGS CAUSED BY THE MECHANICAL CONTRACTORS WORK.
11. THE MECHANICAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE PROJECT SITE AND REPORT ANY DISCREPANCY TO THE ENGINEER BEFORE ORDERING MATERIAL AND PROCEEDING WITH THE PROPOSED WORK.
12. THE MECHANICAL CONTRACTOR SHALL FURNISH ALL EQUIPMENT O&M MANUALS AT PROJECT CLOSE OUT.
13. THE MECHANICAL CONTRACTOR SHALL PROVIDE TRAINING TO DESIGNATED PERSONNEL FOR EQUIPMENT OPERATION.
14. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION DRAWINGS WHEN REQUESTED AND SHALL COORDINATE WITH ALL OTHER TRADES.
15. ALL SUPPLY AIR REGISTERS SHALL BE PROVIDED WITH AIR BALANCING DEVICES.
16. ALL CEILING REGISTERS AND GRILLES SHALL BE PROVIDED WITH THE APPROPRIATE RADIATION DAMPER FOR THE CEILING FIRE RATING. COORDINATE WITH GENERAL CONTRACTOR.

CODES REFERENCED

- 2015 INTERNATIONAL ENERGY CONSERVATION CODE (I.E.C.C.).
- 2009 INTERNATIONAL BUILDING CODE (I.B.C.)
- 2015 INTERNATIONAL MECHANICAL CODE (I.M.C.).

ENERGY RECOVERY VENTILATOR SCHEDULE

- ERV-1 SERVING LOWER LEVEL. BASED ON RENEWAIRE MODEL EV240. DIMENSIONS: 33.25"Lx24"Wx21.75D. (CONFIGURATION SHOWN) 75 LBS. ELECTRICAL DATA: 120V-1PH-60HZ; 3.3 FLA. 205 CFM SUPPLY @ 0.25" E.S.P.. 370 CFM RETURN. ELECTRIC DUCT HEATER OPTION: 2 KW
- ERV-2 SERVING FIRST FLOOR NEW ADDITION. BASED ON RENEWAIRE MODEL EV240. DIMENSIONS: 33.25"Lx24"Wx21.75D. (CONFIGURATION SHOWN) 75 LBS. ELECTRICAL DATA: 120V-1PH-60HZ; 3.3 FLA. 250 CFM SUPPLY @ 0.25" E.S.P.. 370 CFM RETURN. ELECTRIC DUCT HEATER OPTION: 2 KW
- ERV-3 SERVING FIRST AND SECOND FLOORS EXISTING BUILDING. BASED ON RENEWAIRE MODEL EV300. DIMENSIONS: 33.25"Lx24"Wx21.75D. (CONFIGURATION SHOWN) 75 LBS. ELECTRICAL DATA: 120V-1PH-60HZ; 3.3 FLA. 325 CFM SUPPLY @ 0.25" E.S.P.. 375 CFM RETURN. ELECTRIC DUCT HEATER OPTION: 2 KW
- ERV-4 SERVING SECOND FLOOR NEW ADDITION BASED ON RENEWAIRE MODEL EV240. DIMENSIONS: 33.25"Lx24"Wx21.75D. (CONFIGURATION SHOWN) 75 LBS. ELECTRICAL DATA: 120V-1PH-60HZ; 3.3 FLA. 255 CFM SUPPLY @ 0.25" E.S.P.. 375 CFM RETURN. ELECTRIC DUCT HEATER OPTION: 2 KW
- TYPICAL FOR ALL VENTILATION TYPE: STATIC PLATE, HEAT AND HUMIDITY TRANSFER. STANDARD FEATURES: WHITE CABINET; LINE CORD POWER SUPPLY; LOW VOLTAGE CIRCUIT FOR CONTROLS; CONTROLS: ONBOARD 24VAC TRANSFORMER/RELAY PACKAGE WITH SWITCHED DRY CONTACTS. FILTERS: QTY. 2, MERV 8.
- SELECTED OPTIONS: BACKDRAFT DAMPERS; AUTO. BALANCING DAMPERS; WALL MTD. Co2 (CARBON DIOXIDE SENSOR CONTROL); OUTSIDE AIRSTREAM FILTERS. ELECTRIC DUCT HEATER FOR DUCTWORK INSTALLATION BY MECHANICAL CONTRACTOR. REFER TO ERV SELECTION ABOVE FOR HEATER KW.

LOUVER SCHEDULE

- LOUVERS MFR'D. BY BUCKLEY ASSOC. EAL-4-DB OR EQUAL. STORM PROOF EXTRUDED ALUMINUM 4" DEEP DRAINABLE BLADE LOUVER. SCREEN IS ALUMINUM 0.51x5/8". FURNISHED WITH CLASS 1 LOW LEAKAGE MOTORIZED DAMPER, 120V BELIMO OR EQUAL MOTORS. STANDARD IS MILL FINISH, BRONZE FINISH AVAILABLE. THE FINISH SHALL BE SELECTED BY THE ARCHITECT.
- IL-1 OUTSIDE AIR INTAKE LOUVER PROVIDES OUTSIDE AIR TO THE INDOOR ENERGY RECOVERY VENTILATORS ERV-1 AND ERV-3. 30"Wx18"H; 530 CFM AT 450 FPM; 1.18 SQ. FT. FREE AREA.
- IL-2 OUTSIDE AIR INTAKE LOUVER PROVIDES OUTSIDE AIR TO THE INDOOR ENERGY RECOVERY VENTILATORS ERV-1 AND ERV-4. 30"Wx18"H; 505 CFM AT 430 FPM; 1.18 SQ. FT. FREE AREA.
- ACCEPTABLE MANUFACTURER'S: BUCKLEY, GREENHECK, RUSKIN OR EQUAL.

LEGEND

SYMBOL	DESCRIPTION
----	REFRIGERANT LINES (LIQUID & SUCTION)
— CD —	CONDENSATE DRAIN PIPE
COI —	CONDENSATE DRAIN PIPE CLEAN OUT
— RA —	RETURN/EXH AIR DUCT (TO ERV)
— SA —	SUPPLY AIR DUCT (TO SPACE, FROM ERV)
— OA —	OUTSIDE AIR DUCT (FROM LOUVER TO ERV)
— EA —	EXHAUST AIR DUCT (TO LOUVER FROM ERV)
IL-NO.	OUTSIDE AIR INTAKE LOUVER
HP-NO.	(INDOOR UNIT) HEAT PUMP
OU-NO.	(OUTDOOR UNIT) HEAT PUMP
CSR-NO. CFM	CEILING SUPPLY AIR REGISTER BALANCE FOR
WSR-NO. CFM	WALL SUPPLY AIR REGISTER BALANCE FOR
CRR-NO.	CEILING RETURN/EXHAUST AIR REGISTER
WRR-NO.	WALL RETURN/EXHAUST AIR REGISTER
Ⓢ	WALL MTD. BASEBOARD HEATING THERMOSTAT
Co2	WALL MTD. CARBON DIOXIDE SENSOR WIRED TO ERV
T	WALL MTD. HEAT/COOL THERMOSTAT
⬡	DRAWING KEY NOTE
VD	DUCT AIR VOLUME DAMPER
MD	120V MOTORIZED DAMPER
ACD	12V OUTSIDE AIR AUTO CONTROL DAMPER
ABV.	DESCRIPTION
B.J.	BETWEEN JOIST
C.D.	CONDENSATE DRAIN
C.O.	CONDENSATE DRAIN CLEAN OUT
E.A.	EXHAUST AIR
E.A.T.	ENTERING AIR TEMPERATURE
E.S.P.	EXTERNAL STATIC PRESSURE
FLA	FULL LOAD AMPS
G.A.	GAUGE
HVAC	HEATING VENTILATION AIR CONDITIONING
H.W.	HOT WATER
LRA	LOCKED ROTOR AMPS
MANUF.	MANUFACTURER
MCA	MINIMUM CIRCUIT AMPACITY
MOCP	MAXIMUM OVERCURRENT PROTECTION
N.I.C.	NOT IN CONTRACT
O.A.T.	OUTSIDE AIR TEMPERATURE
P.D.	PRESSURE DROP
P.S.I.	POUNDS PER SQUARE INCH
S&R	SUPPLY & RETURN
T'STAT	THERMOSTAT
TYP.	TYPICAL
W.P.D.	WATER PRESSURE DROP (FT. OF HEAD)

ba

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PROJECT TITLE

TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION

MECHANICAL
LEGEND, SCHEDULES
& NOTES

Drawn By: RT

Checked By: DO

Revisions:

Sheet:

M4

Date:
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SPLIT SYSTEM INDOOR HEAT PUMP SCHEDULE

UNIT	INTERLOCK UNIT TAG	CONTROL	AREA SERVED	SUPPLY FAN DATA (CFM)			COOLING CAPACITY			HEATING CAPACITY				SYSTEM ELECTRIC DATA				BASED ON		INDOOR UNIT STYLE	OPTIONS	WEIGHT (LBS)	DIMENSIONS (W"xD"xH")	NOTES (TYPICAL FOR ALL)	
				TOTAL	SPD.	OUTSIDE	TMBH	SMBH	NOM TONS	NOMINAL		CORRECTED		UNIT VOLTAGE		AMPS		MANUF'R	MODEL INDOOR						
										TMBH	KW	TMBH	KW	V	P	Hz	MCOP								RATED AMPS
HP-1	CU-1	T'STAT.	L.L. OPEN OFFICE L00	254	HIGH	0	7.50	6.10	0.6	8.50	--	8.78	--	208	1	60	--	0.25	LG	ARNU073SJA4	MULTI WALL STD. MOUNT		20	32x7.5x12.5	1. HEAT PUMP UNITS NEED TO BE PROVIDE WITH SERVICE ACCESS AND CLEARANCES AS REQUIRED BY THE MFR. 2. A CONDENSATE PUMP SHALL BE FURNISHED FOR ALL HEAT PUMPS. REFER TO THE CONDENSATE PUMP SCHEDULE. 3. ALL REFRIGERANT PIPES TO BE CONTINUOUSLY INSULATED.
HP-2			L.L. OFFICE L05	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4			20	32x7.5x12.5	
HP-3			L.L. OFFICE L04	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4			20	32x7.5x12.5	
HP-4			L.L. PASS THRU L07	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-5			L.L. STORAGE L09	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-6			F.F. OFFICE 105	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-7			F.F. OFFICE 104	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-8			F.F. COPY/FILE 102	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-9			F.F. RECEPTION 101	275	HIGH	0	9.60	7.30	0.8	10.90	--	11.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		30	32x7.5x12.5		
HP-10			F.F. OFFICE 107	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-11			F.F. OFFICE 108	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-12			F.F. OFFICE 109	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-13	CU-2		F.F. CONF. 119	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-14			F.F. CONF. 119	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-15			F.F. OFFICE 121	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-16			F.F. CONF. 120	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-17			F.F. ENTRY/STAIR 116 & 118	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-18			S.F. OFFICE 213	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-19			S.F. OFFICE 215	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-20			S.F. OFFICE 216	254	HIGH	0	7.50	6.10	0.6	8.50	--	8.78	--	208	1	60	60	0.25	LG	ARNU073SJA4		20	32x7.5x12.5		
HP-21			S.F. MEETING 214	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-22	CU-3		S.F. OFFICE 200	254	HIGH	0	7.50	6.10	0.6	8.50	--	8.78	--	208	1	60	60	0.25	LG	ARNU073SJA4		20	32x7.5x12.5		
HP-23			S.F. MEETING 201	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-24			S.F. OFFICE 203	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-25			S.F. OFFICE 204	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-26			S.F. OFFICE 205	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-27			S.F. OFFICE 207	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-28			S.F. OFFICE 208	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		
HP-29			S.F. OFFICE 209	240	HIGH	0	5.50	4.90	0.5	6.10	--	6.30	--	208	1	60	--	0.25	LG	ARNU053SJA4		20	32x7.5x12.5		

AIR COOLED CONDENSING UNIT SCHEDULE (OUTDOOR UNIT HEAT PUMP SYSTEMS)

UNIT	INTERLOCK	COOLING CONDITIONS		HEATING CONDITIONS		ELECTRIC DATA PER MODULE 208/230 or 460V				CORRECTED COOLING CAPACITY (MBH)	CORRECTED HEATING CAPACITY (MBH)	BASED ON			COOL'G. EFFICIENCY EER/IEER	APPROX. WEIGHT (LBS.)	DIMENSIONS (W"xD"xH")	SOUND DATA dB(A)	OPTIONS	
		AMB. O.A.T. DB	WB	AMB. O.A.T. DB	WB	V	P	Hz	MCOP			MCA	MANUF'R.	MODEL (COMBINED)						MODEL (MODULES)
CU-1	HP-1 TO HP-12	90°F	--	72°F	-11.9°F	--	-12.2°F	208	1	60	40	25.4	62.0	44.4	LG	ARUB060GSS4	N.A.	300	38x16x55	PQSH1200 DRAIN PAN HEATER
CU-2	HP-13 TO HP-21	90°F	--	72°F	-11.9°F	--	-12.2°F	208	1	60	40	25.4	62.0	44.4	LG	ARUB060GSS4	N.A.	300	38x16x55	PQSH1200 DRAIN PAN HEATER
CU-3	HP-22 TO HP-29	90°F	--	72°F	-11.9°F	--	-12.2°F	208	1	60	40	25.4	62.0	44.4	LG	ARUB060GSS4	N.A.	300	38x16x55	PQSH1200 DRAIN PAN HEATER

NOTES:

1. ALL ELECTRICAL DISCONNECT SWITCHES SHALL BE FURNISHED, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR
2. ALL MOTOR STARTERS SHALL BE FURNISHED BY MECHANICAL, INSTALLED AND WIRED BY ELECTRICAL.
3. THE GENERAL CONTRACTOR SHALL FURNISH EACH OUTDOOR UNIT WITH CONCRETE HOUSEKEEPING PADS.
4. THE INSTALLATION LOCATIONS SHOWN SHALL COMPLY WITH ALL MFR'S. CLEARANCES.

SYSTEMS COMMISSIONING IS REQUIRED BY THE 2015 INTERNATIONAL ENERGY CONSERVATION CODE

SUPPLY/RETURN AIR REGISTER/GRILLE SCHEDULE

UNIT	MAX CFM	MODULE NECK	P.S.	SERVICE	CONSTRUCTION	BASED ON		REMARKS AND ACCESSORIES
					COLOR	MANUF	MODEL	
WSR-1	120	-- 6"x6"	0.06	WALL MTD. SUPPLY AIR REGISTER	STEEL WHITE	NAILOR	61SV	SINGLE DEFLECTION REGISTER W/ STEEL OPPOSED BLADE VOLUME DPR.
CSR-1	120	-- 6"x6"	0.06	CEILING MTD. SUPPLY AIR REGISTER	STEEL WHITE	NAILOR	61SV	SINGLE DEFLECTION REGISTER W/ STEEL OPPOSED BLADE VOLUME DPR.
WRR-1	100	-- 6"x6"	-0.08"	WALL MTD. RETURN AIR REGISTER	STEEL WHITE	NAILOR	614SV	45° DEFLECTION REGISTER W/ STEEL OPPOSED BLADE VOLUME DPR.
CRR-1	100	-- 6"x6"	-0.08"	CEILING MTD. RETURN AIR REGISTER	STEEL WHITE	NAILOR	614SV	45° DEFLECTION REGISTER W/ STEEL OPPOSED BLADE VOLUME DPR.
CRR-2	290	-- 12"x8"	-0.08"	CEILING MTD. RETURN AIR REGISTER	STEEL WHITE	NAILOR	614SV	45° DEFLECTION REGISTER W/ STEEL OPPOSED BLADE VOLUME DPR.

NOTES

1. THE FINAL LOCATIONS OF ALL CEILING REGISTERS AND GRILLES TO BE COORDINATED BY THE MECHANICAL CONTRACTOR W/ THE FINAL REFLECTED CEILING PLANS. SPRINKLER HEAD LOCATIONS TO BE INCLUDED IN THIS COORDINATION.
2. WHERE REQUIRED, FURNISH A ROUND DUCT TO REGISTER/GRILLE NECK SIZE TRANSITION.
3. THE STANDARD COLOR IS SCHEDULED. OPTIONAL COLORS ARE AVAILABLE.
4. ALL SUPPLY AIR REGISTERS SHALL BE PROVIDED WITH AIR BALANCING DEVICES.
5. ALL CEILING REGISTERS AND GRILLES SHALL BE PROVIDED WITH THE APPROPRIATE RADIATION DAMPER FOR THE CEILING FIRE RATING. COORDINATE WITH GENERAL CONTRACTOR.

ELECTRIC HEATING UNIT SCHEDULE

UNIT (TYP.)	LOCATION	COLOR	CONTROL	SERVICE	HEATING DATA			ELECTRICAL DATA				BASED ON		DIMENSIONS (HxWxD)	WEIGHT (LBS.)	REMARKS AND ACCESSORIES		
					MBH	TOTAL AMPS	F.A.T. (°F)	FAN DATA		V	P	Hz	WATTS				MANUF	MODEL
								CFM	HP									
EWH-1	STAIRS 1&2 WHERE SHOWN. VESTIBULE 100; LOWER LVL. TLT./SHOWER, TOILET 114	ALUMINUM	BUILT IN T'STAT	FAN WALL HEATER	16.6	23.1	--	100	---	208	1	60	4,800	QMARK	LFK488F	18.3"x15.8"x3.9"	25	HEAVY-DUTY COMMERCIAL CONSTRUCTION; TAMPER RESISTANT 2-POLE THERMOSTAT INSIDE UNIT. COMPLY WITH MFR'S CLEARANCE TO WALLS AND DOORS. SEMI RECESSED MOUNT.

BRANCH CIRCUIT CONTROLLER SCHEDULE

UNIT	MODEL	ELECTRIC DATA						NUMBER OF BRANCHES	MAX. CONNECTED CAPACITY TO BC	APPROX. WEIGHT (LBS.)	DIMENSIONS (L"xW"xH")
		POWER COOLING	POWER HEATING	V	P	Hz	MCA				
BC-1A	PRHR063A	75.9	72.1	208	1	60	0.09	5	230.0	70	32x19x9
BC-1B	PRHR083A	75.9	72.1	208	1	60	0.09	7	230.0	80	32x19x9
BC-2A	PRHR063A	75.9	72.1	208	1	60	0.09	5	230.0	70	32x19x9
BC-2B	PRHR043A	39.8	37.2	208	1	60	0.06	4	230.0	50	32x19x9
BC-3	PRHR083A	75.9	72.1	208	1	60	0.09	8	230.0	80	32x19x9

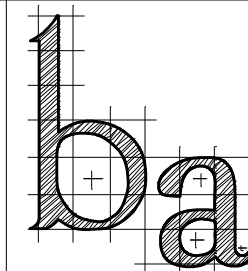
ADDITIONAL NOTES:

1. ALL ELECTRICAL DISCONNECT SWITCHES SHALL BE FURNISHED, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
2. SUSPEND FROM DECK ABOVE WITH THREADED ROD AND VIBRATION ISOLATORS.

AUTOMATIC CONDENSATE REMOVAL PUMP SCHEDULE

CP-1 (TYPICAL AT ALL WALL HUNG HEAT PUMPS)

BASED ON BLUE DIAMOND MAXI BLUE MODEL X87-21. 208v-230v; 0.35 MAX. AMPS @230v. 3.7 GPH FLOW; 23 FT. HEAD; 21db NOISE LEVEL; INTEGRAL FAIL SAFE ALARM.
MOUNTING OPTION TO BE DETERMINED BY CONTRACTOR: INSIDE LINE HIDE, ABOVE CEILING OR REMOTE. UL LISTED AND 5 YEAR WARRANTY.
WIRED TO THE INDOOR UNIT IT IS SERVING.



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Stamp:

PROJECT TITLE

TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION

MECHANICAL
SCHEDULES

Drawn By:	DT	Checked By:	DO

Revisions:

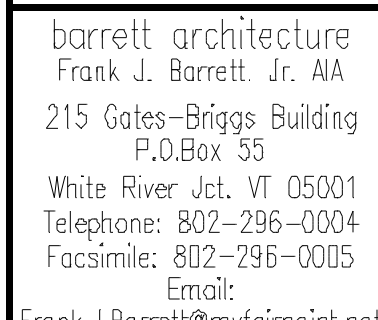
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Date:
27 FEB. 2020

ISSUED FOR CONSTRUCTION 02/27/2020

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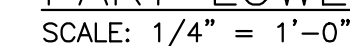
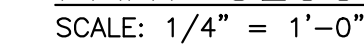
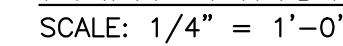


PROJECT TITLE
TURNING POINTS NETWORK 231 BROAD STREET CLAREMONT, NEW HAMPSHIRE

PLUMBING
WASTE & VENT
PART FLOOR PLAN

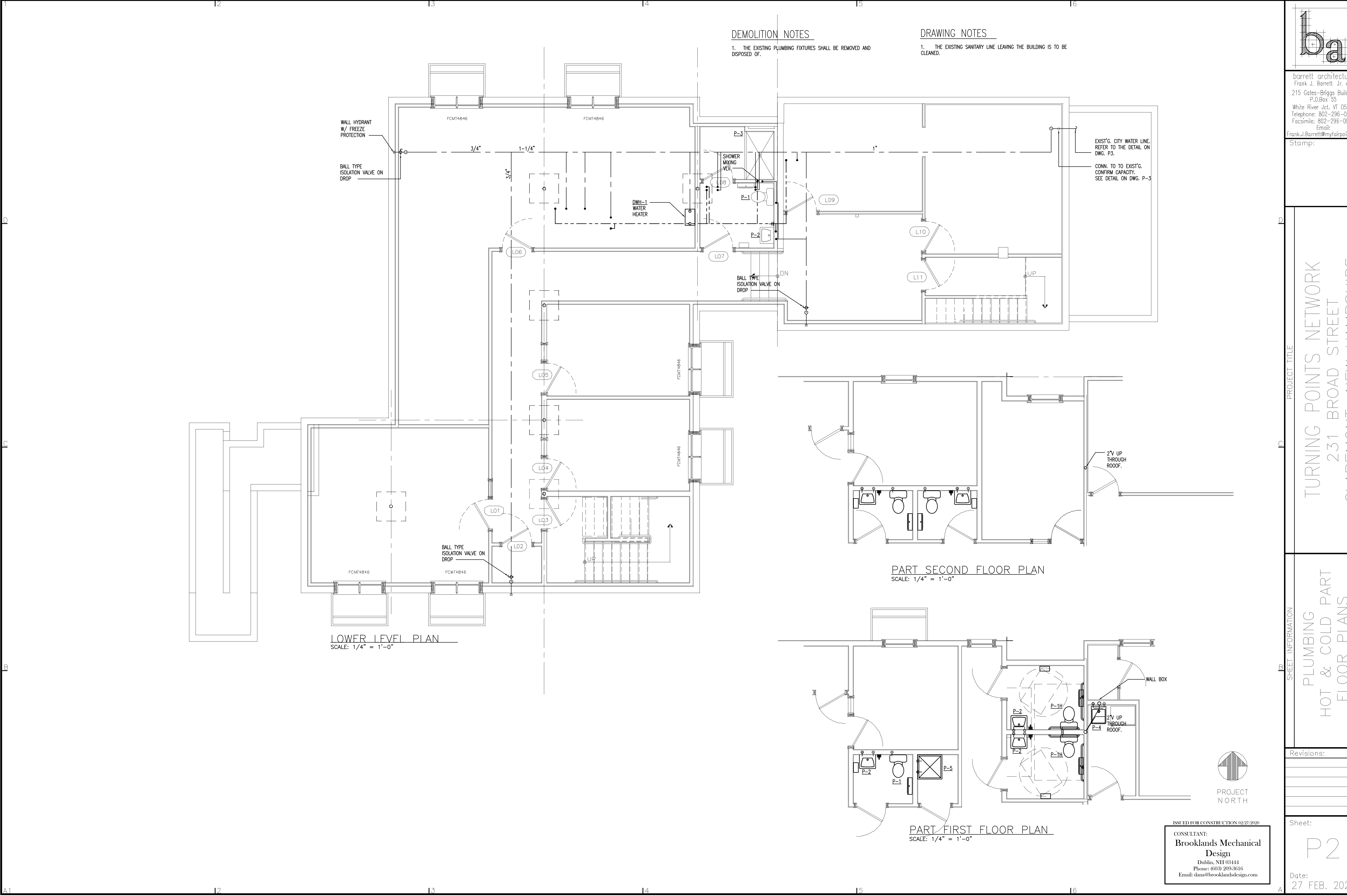
Date:
27 FEB. 2020

1. THE EXISTING WATER PRESSURE SHALL BE DETERMINED



ISSUED FOR CONSTRUCTION 02/27/2020

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PROJECT TITLE

TURNING POINTS NETWORK
231 BROAD STREET
CLAREMONT, NEW HAMPSHIRE

SHEET INFORMATION

PLUMBING
HOT & COLD PART
FLOOR PLANS

Drawn By: RT
Checked By: DO

Revisions:

Sheet:

P2

Date:
27 FEB. 2020

