

# PRICING SET FOR GREATER NASHUA HABITAT FOR HUMANITY



GENERAL NOTES:

tuscher  
design  
group  
603.583.6469  
tdgdesign@hotmail.com

PROJECT INFO:

HABITAT FOR  
HUMANITY

8 FAXTON PLACE  
NASHUA, NH

SHEET TITLE:

COVER SHEET

PROJECT STATUS:  
PRICING SET  
\*\* NOT FOR CONSTRUCTION \*\*

DATE: 03/09/2020

SCALE:  
SHEET NUMBER:

A0

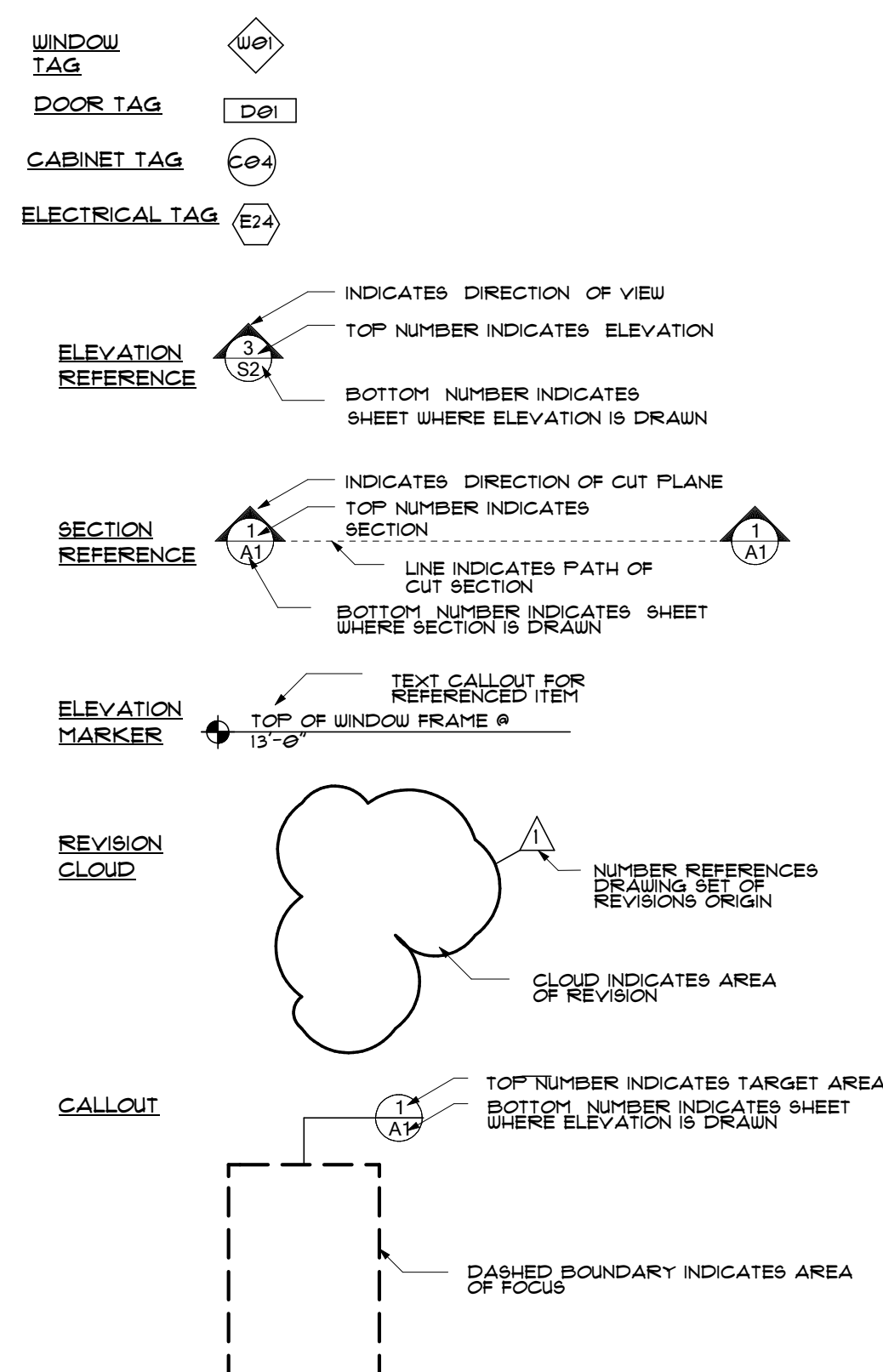
## CODE SUMMARY

<b>CODE:</b> MASSACHUSETTS STATE BUILDING CODE, 9TH EDITION - 190 CHR	<b>LIVE LOADS:</b> ROOF ATTICS W/ STORAGE FIRST FLOOR STAIRS	15 PSF 20 PSF 50 PSF 50 PSF
<b>CONSTRUCTION TYPE:</b> TYPE VB	<b>DEAD LOADS:</b> FLOOR ROOF	15 PSF 20 PSF
<b>OCCUPANCY GROUP:</b> R-3	<b>ROOF SNOW LOADS:</b> DESIGN ROOF SNOW LOAD SNOW EXPOSURE FACTOR IMPORTANCE FACTOR THERMAL FACTOR GROUND SNOW LOAD SLOPED ROOF FACTOR	15 PSF CE 1.00 I 1.00 CT 1.00 FG 30 PSF CS 1.00
<b>BUILDING AREA (TABLE 9.02):</b> ALLOWABLE: 1,000 ACTUAL AREA: 1,620 SQ. FT. ALLOWABLE STORIES: 2 ACTUAL: 2 ALLOWABLE HEIGHT: 35'-0" ACTUAL: 34'-0"	<b>WIND DESIGN DATA:</b> BASIC WIND SPEED MEAN ROOF HEIGHT BUILDING CATEGORY IMPORTANCE FACTOR EXPOSURE CATEGORY ENCLOSURE CLASSIFICATION INTERNAL PRESSURE COEF. DIRECTIONALITY (Kd)	100 MPH 30 FT II 1.00 B ENCLOSED BUILDING I/- 0.18 0.85
<b>OCCUPANT LOAD:</b> RESIDENTIAL: 1,620/200 = 8 TOTAL		

## GENERAL NOTES

- PLANS FOR GENERAL BIDDING AND COORDINATION ONLY. \*\*NOT FOR CONSTRUCTION\*\*
- GENERAL CONSTRUCTION NOTES:  
- NEW WOOD FRAMED RESIDENCE
- DIMENSIONS:  
- ALL EXTERIOR DIMENSIONS PULLED FROM EXTERIOR FACE OF FOUNDATION WALL TO CENTERLINE OF DOORS & WINDOWS, U.N.O.  
- ALL INTERIOR DIMENSIONS PULLED FROM INTERIOR FACE OF WALL FRAMING MATERIAL  
- ALL STRUCTURAL DIMENSIONS PULLED FROM EXTERIOR FACE OF FOUNDATION WALL TO CENTERLINE OF REFERENCED STRUCTURAL MEMBER, U.N.O.
- ALL INTERIOR WALLS ARE TO BE 2X4 STUDS @ 16" O.C. WITH 1/2" GYPSUM FINISH, U.N.O. ALL BATHROOM WALLS TO MIRRORS.
- ALL EXTERIOR WALLS TO BE PER PLAN AND DETAILS
- ALL EGRESS WINDOWS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET W/ THE CLEAR OPENING HEIGHT A MIN OF 24" & CLEAR OPENING WIDTH A MIN OF 16". ALL EGRESS WINDOW SILLS SHALL BE SET NO MORE THAN 44" A.F.F.
- STAIR & RAILING REQUIREMENTS:  
- ALL RISERS TO BE CLOSED WITH A MAX HEIGHT OF 7-3/4"  
- ALL TREADS TO BE A MAX WIDTH OF 10"  
- TOP OF RAILING @ 34" A.F.F. & TO BE A MIN OF 1-1/2" IN DIAMETER & SET 1-1/2" FROM WALL  
- ALL BALUSTERS TO BE SPACED SO AS TO NOT ALLOW THE PASSAGE OF A 4" SPHERE
- ENERGY PERFORMANCE:  
- ALL WINDOWS TO HAVE A MAX U-VALUE OF 0.21  
- ALL EXTERIOR DOORS TO HAVE A MAX U-VALUE OF 0.3  
- ALL EXTERIOR WALLS TO BE R-26 OR BETTER  
- ALL FLAT CEILINGS TO BE A MIN OF R-49  
- ALL SLOPED CEILINGS TO BE A MIN OF R-49  
- ROOF INSULATION TO EXTEND OVER TOP FLAT SLAB  
- SLAB R-VALUE TO BE R-16
- BID SET REVISION NOTES:  
- REMOVED ALL CATHEDRAL ROOF CONDITIONS.  
- FLAT, 9'-0" CEILINGS THROUGHOUT UPPER LEVEL  
- ALL ROOF FINISH MATERIAL IS NOW 30 YEAR ARCHITECTURAL SHINGLES  
- ALL WINDOW UNITS TO BE DOUBLE HUNG ANDERSON 300 SERIES W/ REDUCTION IN WINDOW COUNT  
- BELOW SLAB INSULATION IS TO BE 3" (R15) IN 4'-0" WIDTHS AT PERIMETER  
- EXTERIOR CONCRETE INSULATION REDUCED TO 2'-0"  
- ADDED (3) SILL COCKS

## SYMBOL LEGEND



## TEAM MEMBERS

### PROJECT OWNER

JESSICA & DANIEL MARTINEAU

114 ORCHARD STREET  
BYFIELD, MA 065  
978-228-8954

### ARCHITECTURAL

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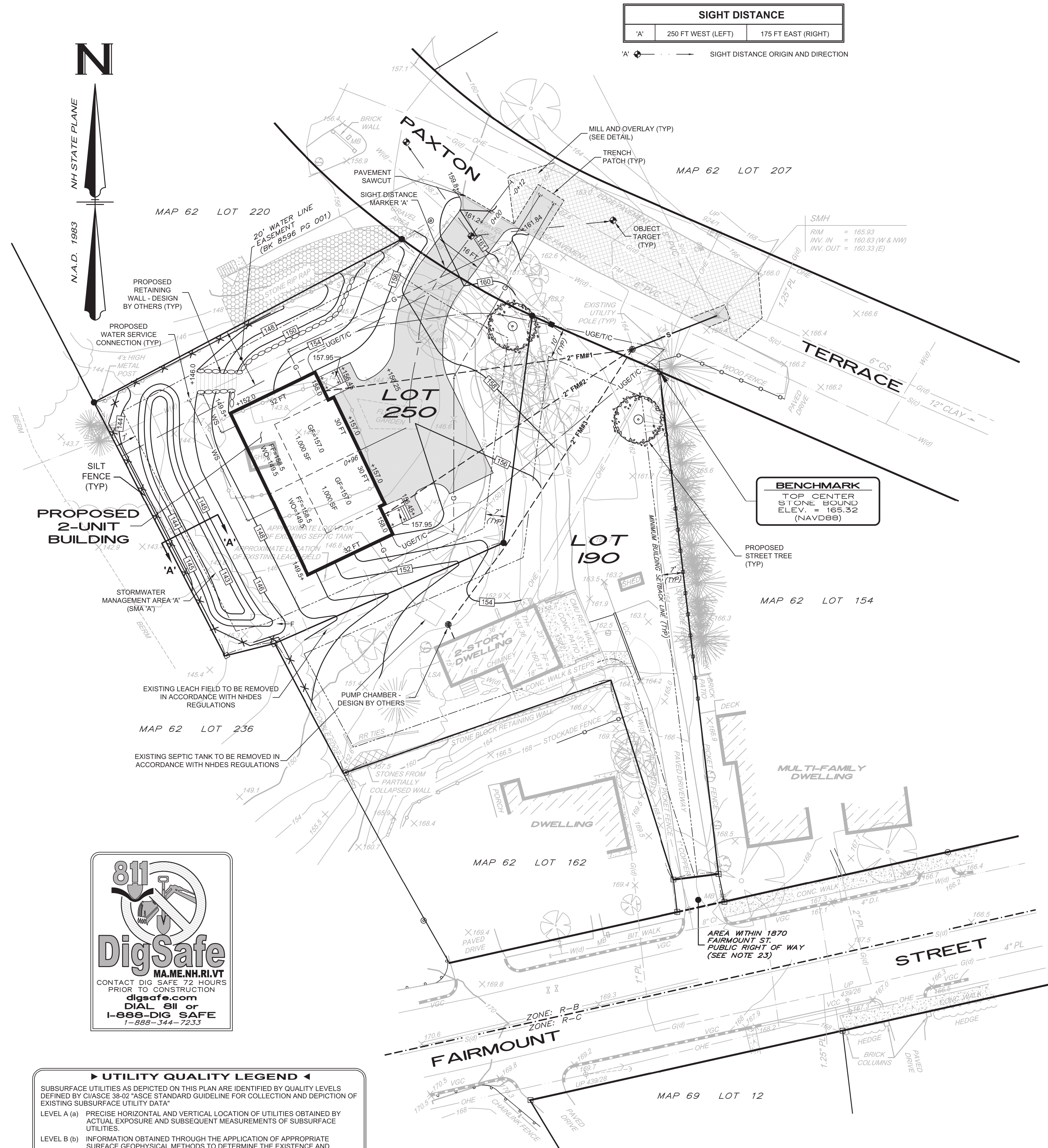
## DRAWING INDEX

### ARCHITECTURAL

A0	COVER SHEET
A1	SITE PLAN
A2	PROPOSED FLOOR PLANS, SCHEDULES & ROOF PLAN
A3	BUILDING SECTION & FOUNDATION DETAILS
A4	SOUTH & EAST ELEVATIONS
A5	NORTH & WEST ELEVATIONS



**GENERAL NOTES:**  
 SITE PLAN SHOWN OR  
 REFERENCE ONLY. SEE APPROVED  
 SITE PLAN BY HAYNER-SWANSON  
 AS APPROVED BY THE  
 CITY OF NASHUA, NH



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 NASHUA, NH

**SHEET TITLE:**  
**SITE PLAN**

**PROJECT STATUS:**  
**PRICING SET**  
 \*\* NOT FOR CONSTRUCTION \*\*

DATE: 03/09/2020  
 SCALE: 1"=20'-0"  
 SHEET NUMBER:

THE FOLLOWING  
 EMPLOYED OR  
 SITE MAINTENANCE  
 GOOD HOUSE

**ROUTINE**

- 1.

**PREVENT**

- 1.
- 2.

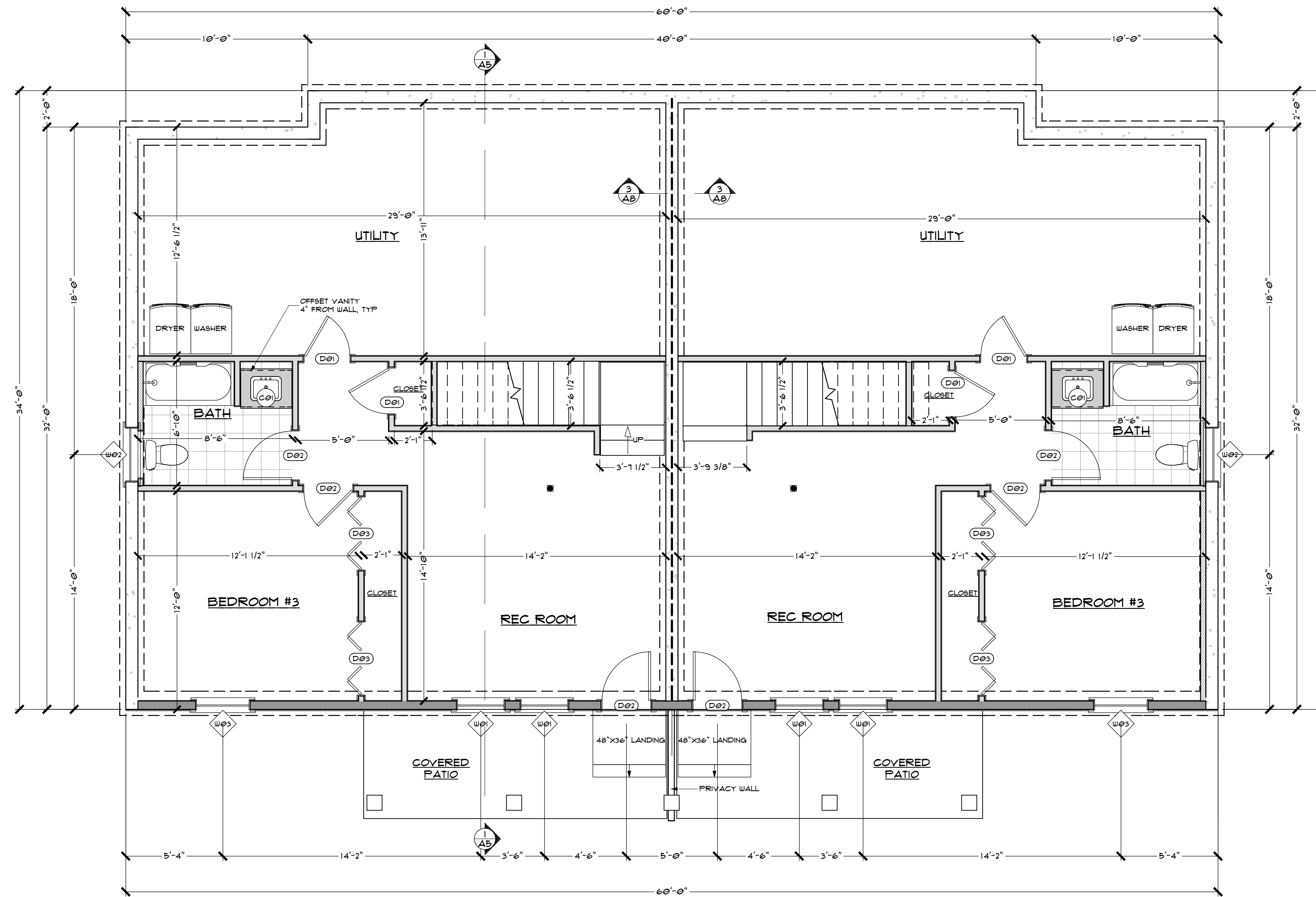
**GOOD HC**

- 1.
- 2.

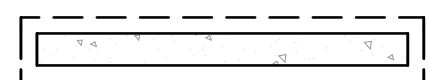



**A1**



GENERAL NOTES:



WALL SCHEDULE

-  8" POURED CONCRETE WALL, SEE SHEET A1
-  2X6 FRAMED WALL OVER 8" CONCRETE FOUNDATION, SEE SHEET A1
-  2X4 FRAMED INTERIOR WALL
-  3" RIGID INSULATION, SEE SHEET A1

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SHEET TITLE:

LOWER LEVEL  
FLOOR PLAN

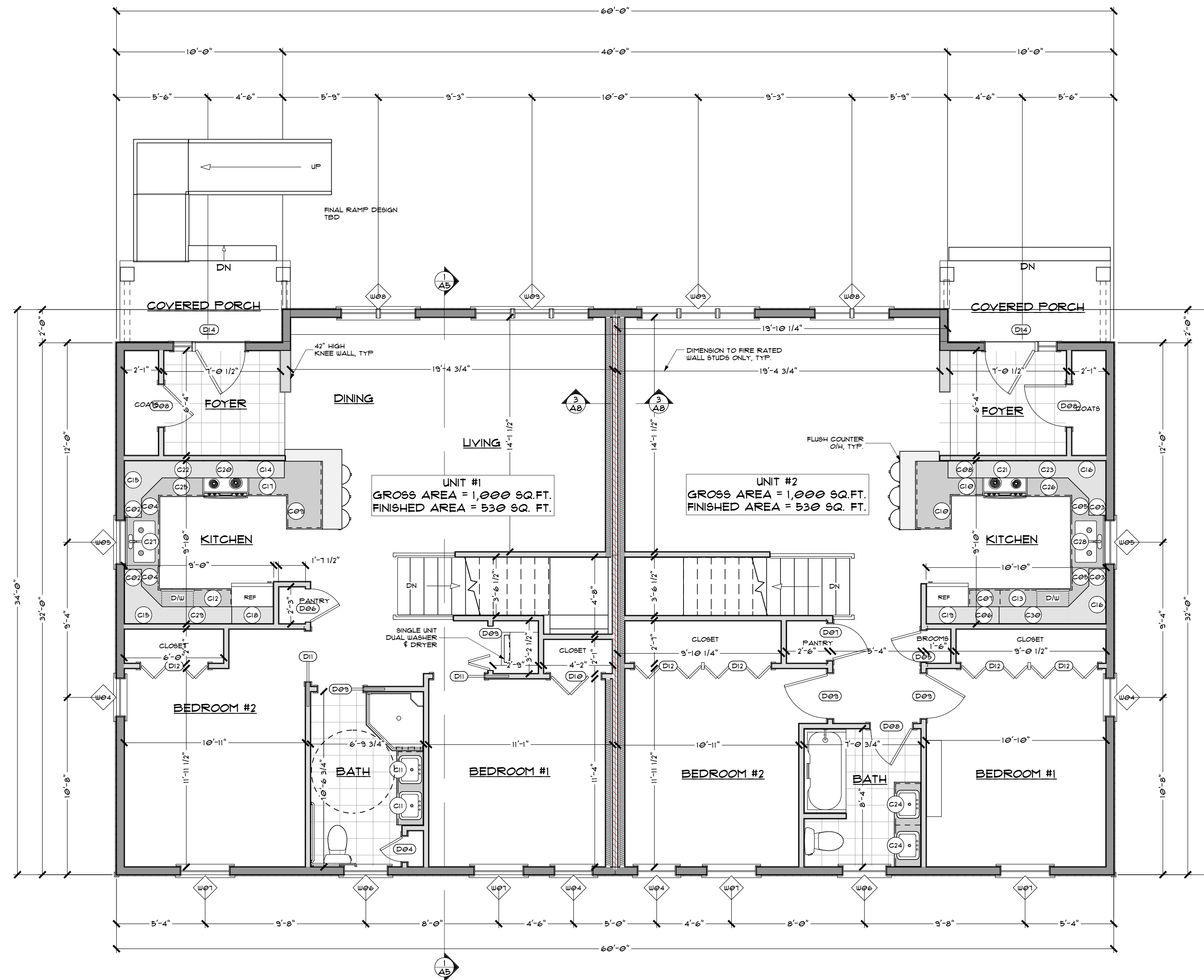
PROJECT STATUS:

PRICING SET  
\*\* NOT FOR CONSTRUCTION \*\*

DATE: 03/09/2020

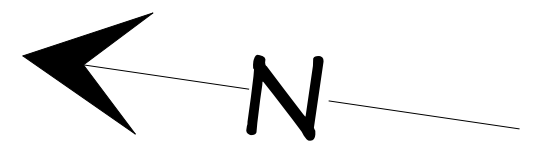
SCALE: 1/4"=1'-0"  
SHEET NUMBER:

A2



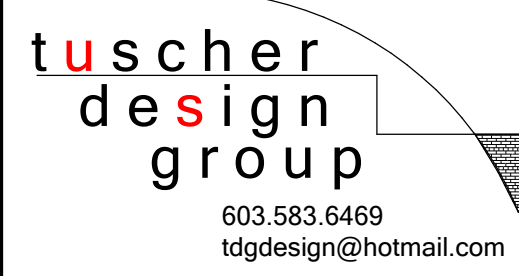
UNIT #1  
GROSS AREA = 1,000 SQ. FT.  
FINISHED AREA = 530 SQ. FT.

UNIT #2  
GROSS AREA = 1,000 SQ. FT.  
FINISHED AREA = 530 SQ. FT.



WALL SCHEDULE

- 2X6 FRAMED WALL OVER 8" CONCRETE FOUNDATION, SEE SHEET A1
- 2X4 FRAMED INTERIOR WALL
- 2X4 FRAMED SOUND BARRIER, SEE SHEET A8
- 2X4 FRAMED 1 HOUR FIRE RATED PARTITION WALL, SEE SHEET A8



PROJECT INFO:  
**HABITAT FOR HUMANITY**  
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SHEET TITLE:  
**MAIN LEVEL FLOOR PLAN**

PROJECT STATUS:  
**PRICING SET**  
\*\* NOT FOR CONSTRUCTION \*\*

DATE: 03/09/2020  
SCALE: 1/4"=1'-0"  
SHEET NUMBER:

**A3**

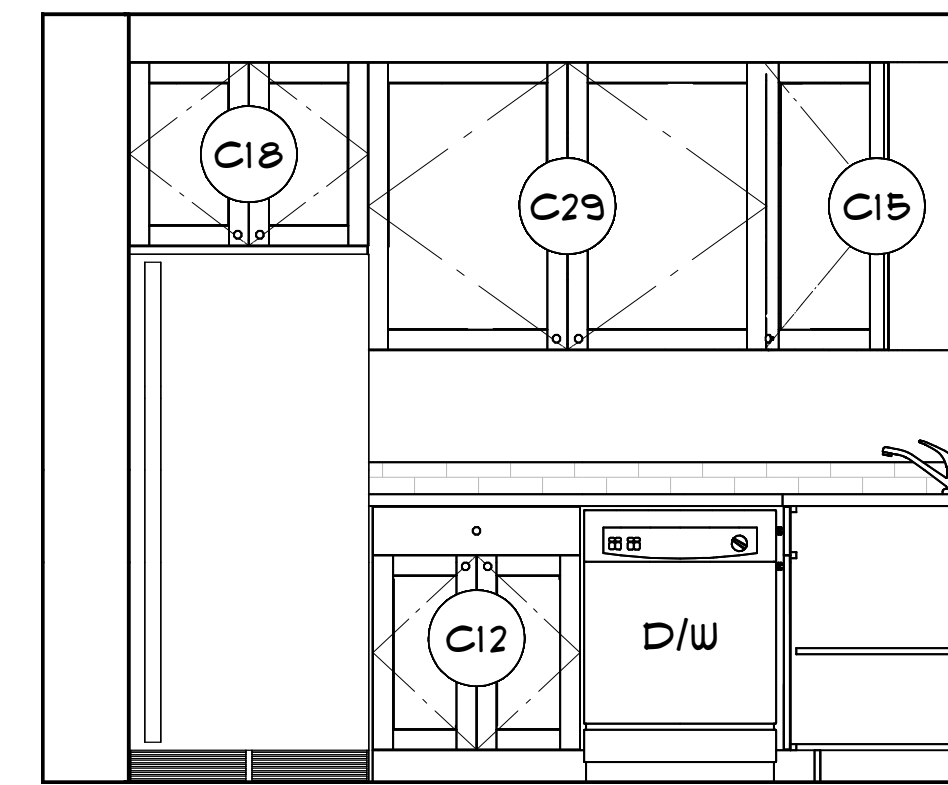


DOOR SCHEDULE							
NUMBER	QTY	FLOOR	WIDTH	HEIGHT	DESCRIPTION	MANUFACTURER	COMMENTS
D01	4	0	30"	80"	INTERIOR UNIT		
D02	6	0	32"	80"	INTERIOR UNIT		
D03	4	0	48"	80"	4 DR. BIFOLD-LOUVERED		
D04	1	1	18"	80"	INTERIOR UNIT		
D05	1	1	22"	80"	INTERIOR UNIT		
D06	1	1	24"	80"	INTERIOR UNIT		
D07	1	1	26"	80"	INTERIOR UNIT		
D08	3	1	30"	80"	INTERIOR UNIT		
D09	4	1	32"	80"	INTERIOR UNIT		
D10	1	1	36"	80"	2 DR. BIFOLD-LOUVERED		
D11	2	1	36"	80"	INTERIOR UNIT		
D12	5	1	48"	80"	4 DR. BIFOLD-LOUVERED		
D14	2	1	52"	80"	ENTRY UNIT W/ 14" SIDELITE		

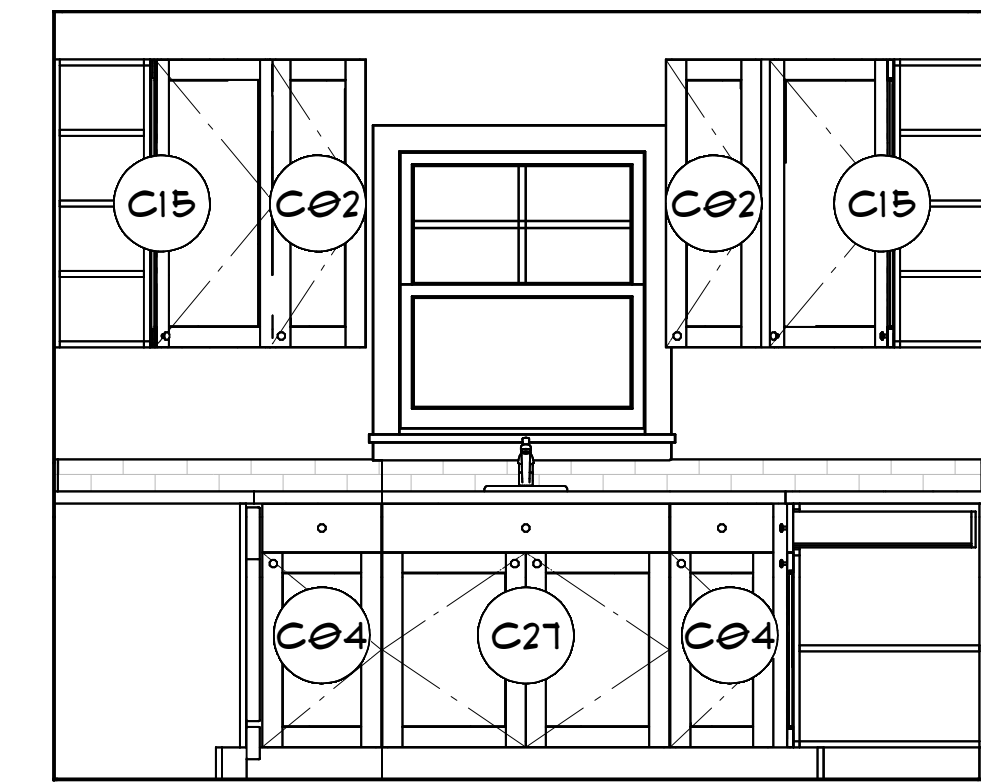
WINDOW SCHEDULE							
NUMBER	QTY	FLOOR	WIDTH	HEIGHT	DESCRIPTION	MANUFACTURER	COMMENTS
W01	4	0	32"	48"	DOUBLE HUNG		
W02	2	0	36"	24"	VENTING BASEMENT UNIT		
W03	2	0	36"	60"	DOUBLE HUNG		
W04	4	1	28"	28"	AWNING UNIT		
W05	2	1	32"	36"	DOUBLE HUNG		
W06	2	1	32"	48"	DOUBLE HUNG		
W07	4	1	36"	60"	DOUBLE HUNG		
W08	2	1	54"	42"	MULLED UNIT		
W09	2	1	82"	56"	MULLED UNIT		

CABINET SCHEDULE								
NUMBER	QTY	FLOOR	WIDTH	DEPTH	HEIGHT	DESCRIPTION	MANUFACTURER	COMMENTS
C01	2	0	30"	24"	36"	BASE CABINET		
C02	2	1	12"	12"	36"	UNIT #1 WALL CABINET		
C03	2	1	12"	12"	36"	UNIT #2 WALL CABINET		
C04	2	1	15"	24"	36"	UNIT #1 BASE CABINET W/ 9" TOE KICK		
C05	2	1	15"	24"	36"	UNIT #2 BASE CABINET		
C06	1	1	22"	12"	36"	UNIT #2 WALL CABINET		
C07	1	1	22"	24"	36"	UNIT #2 BASE CABINET		
C08	1	1	24"	12"	36"	UNIT #2 WALL CABINET		
C09	1	1	24"	24"	36"	UNIT #1 BASE CABINET W/ 9" TOE KICK		
C10	2	1	24"	24"	36"	UNIT #2 BASE CABINET		
C11	2	1	26"	18"	36"	UNIT #1 BASE CABINET W/ 9" TOE KICK		
C12	1	1	26"	24"	36"	UNIT #1 BASE CABINET W/ 9" TOE KICK		
C13	1	1	26"	24"	36"	UNIT #2 BASE CABINET		
C14	1	1	27"	12"	36"	UNIT #1 WALL CABINET		
C15	2	1	27"	27"	36"	UNIT #1 WALL CABINET		
C16	2	1	27"	27"	36"	UNIT #2 WALL CABINET		
C17	1	1	28"	24"	36"	UNIT #1 BASE CABINET W/ 9" TOE KICK		
C18	1	1	30"	12"	23"	UNIT #1 WALL CABINET		
C19	1	1	30"	12"	23"	UNIT #2 WALL CABINET		
C20	1	1	30"	12"	28"	UNIT #1 WALL CABINET W/ HOOD VENT		
C21	1	1	30"	12"	28"	UNIT #2 WALL CABINET W/ HOOD VENT		
C22	1	1	30"	12"	36"	UNIT #1 WALL CABINET		
C23	1	1	30"	12"	36"	UNIT #2 WALL CABINET		
C24	2	1	30"	18"	36"	BASE CABINET		
C25	1	1	32"	24"	36"	UNIT #1 BASE CABINET W/ 9" TOE KICK		
C26	1	1	32"	24"	36"	UNIT #2 BASE CABINET		
C27	1	1	36"	24"	36"	UNIT #1 BASE CABINET W/ 9" TOE KICK		
C28	1	1	36"	24"	36"	UNIT #2 BASE CABINET		
C29	1	1	50"	12"	36"	UNIT #1 WALL CABINET		
C30	1	1	50"	12"	36"	UNIT #2 WALL CABINET		

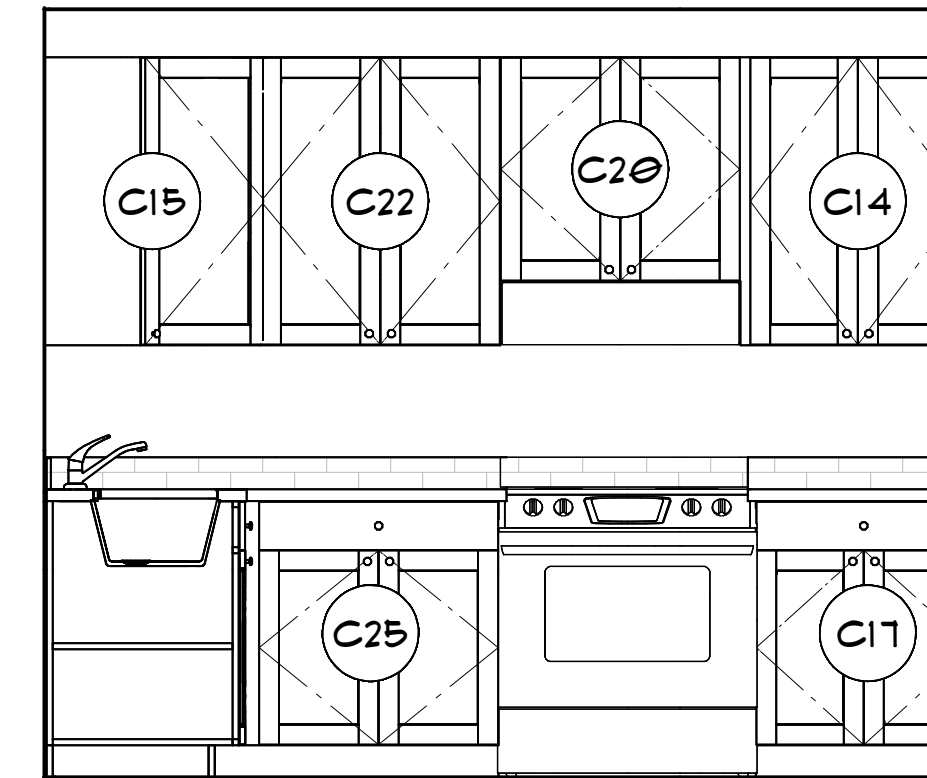
1) SCHEDULES



WEST

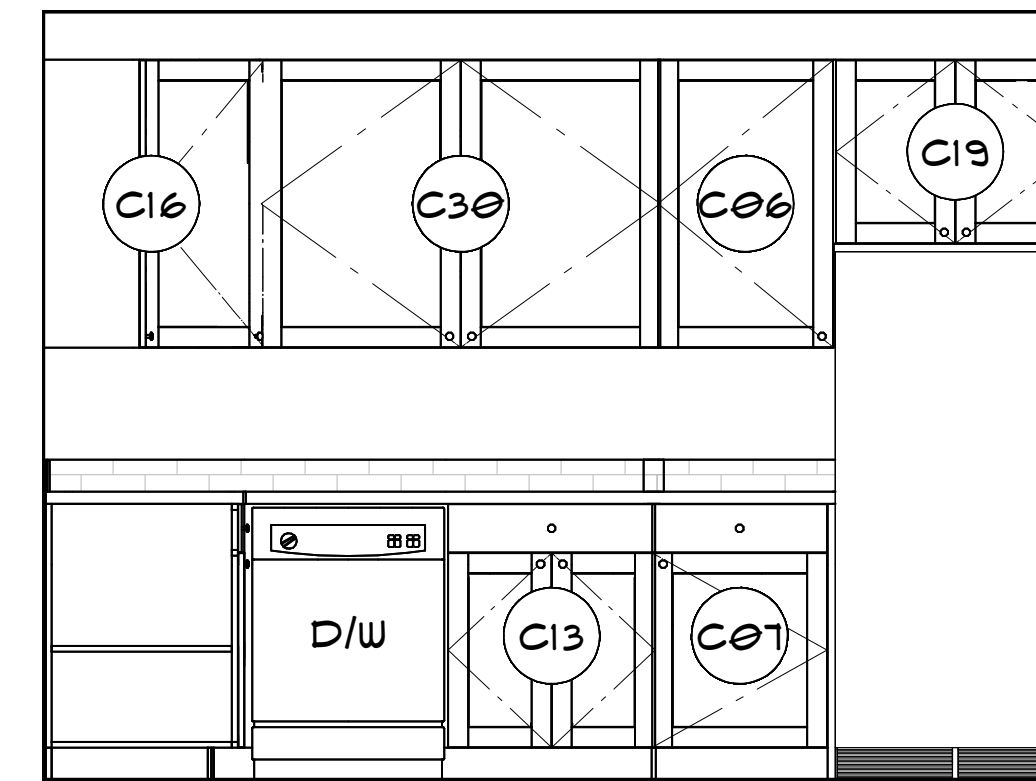


NORTH

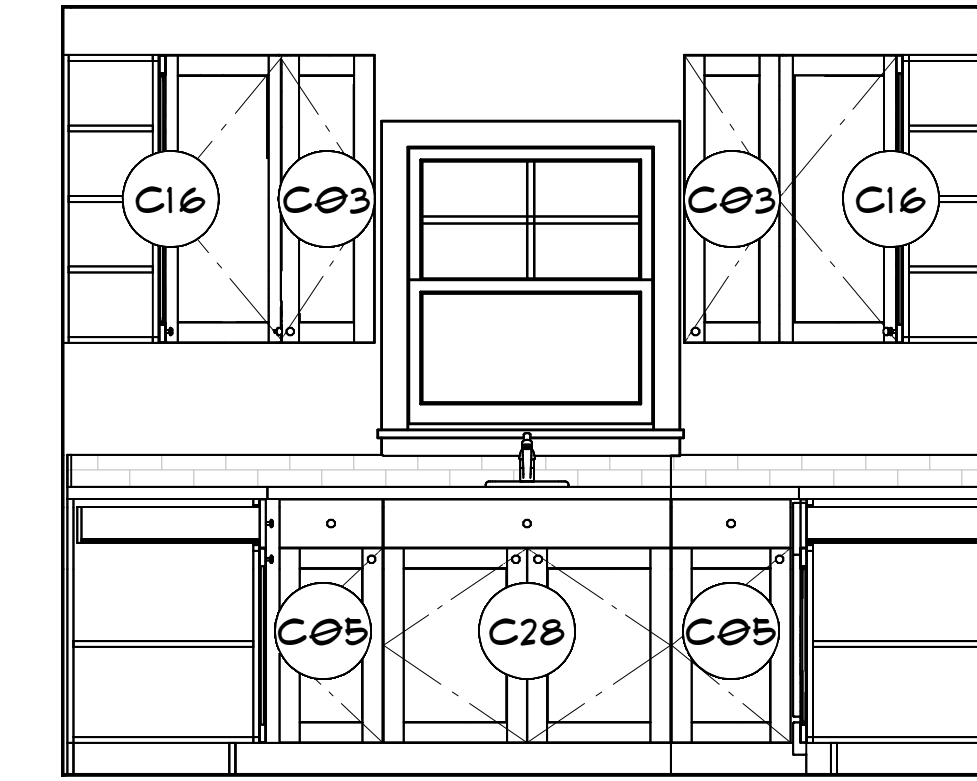


EAST

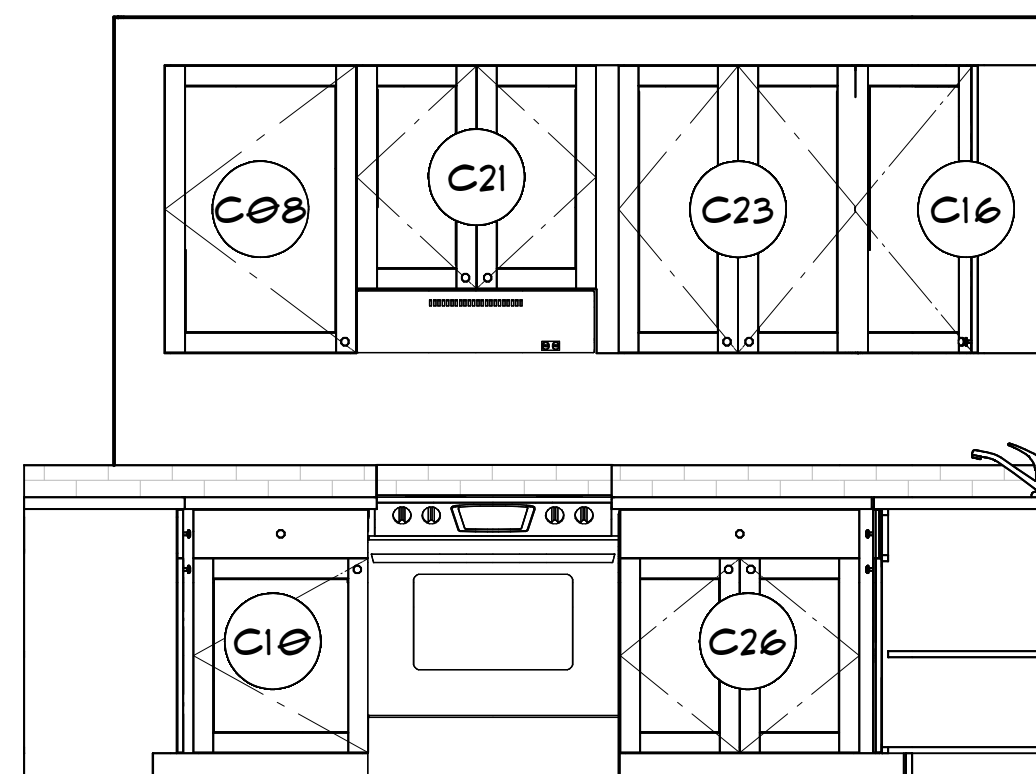
2) UNIT #1 KITCHEN ELEVATIONS  
1/2" = 1'-0"



WEST



SOUTH



EAST

3) UNIT #1 KITCHEN ELEVATIONS  
1/2" = 1'-0"

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NASHUA, NH

SHEET TITLE:

SCHEDULES  
& KITCHEN  
DETAILS

PROJECT STATUS:

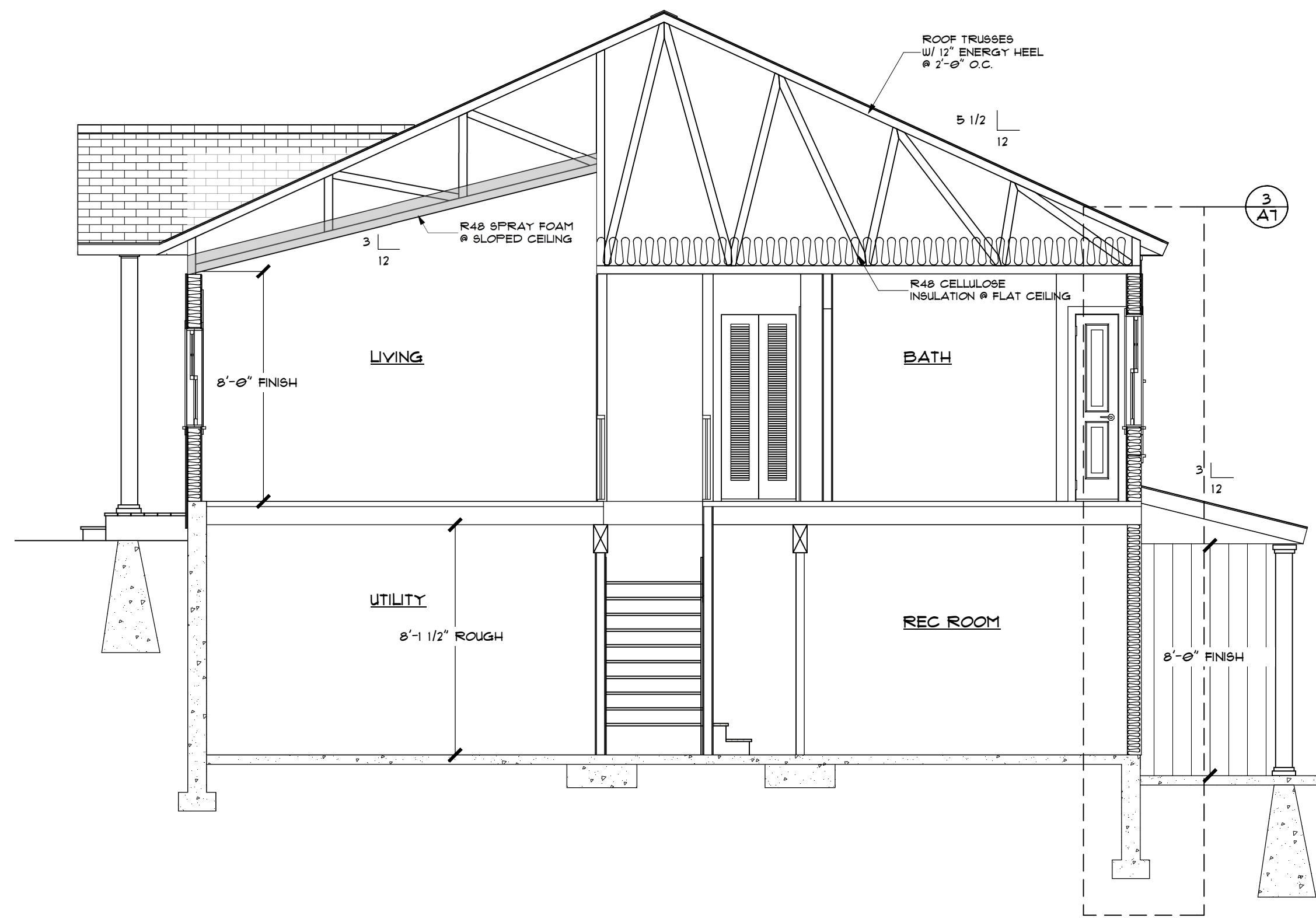
PRICING SET  
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DATE: 03/09/2020

SCALE: AS NOTED  
SHEET NUMBER:

A4





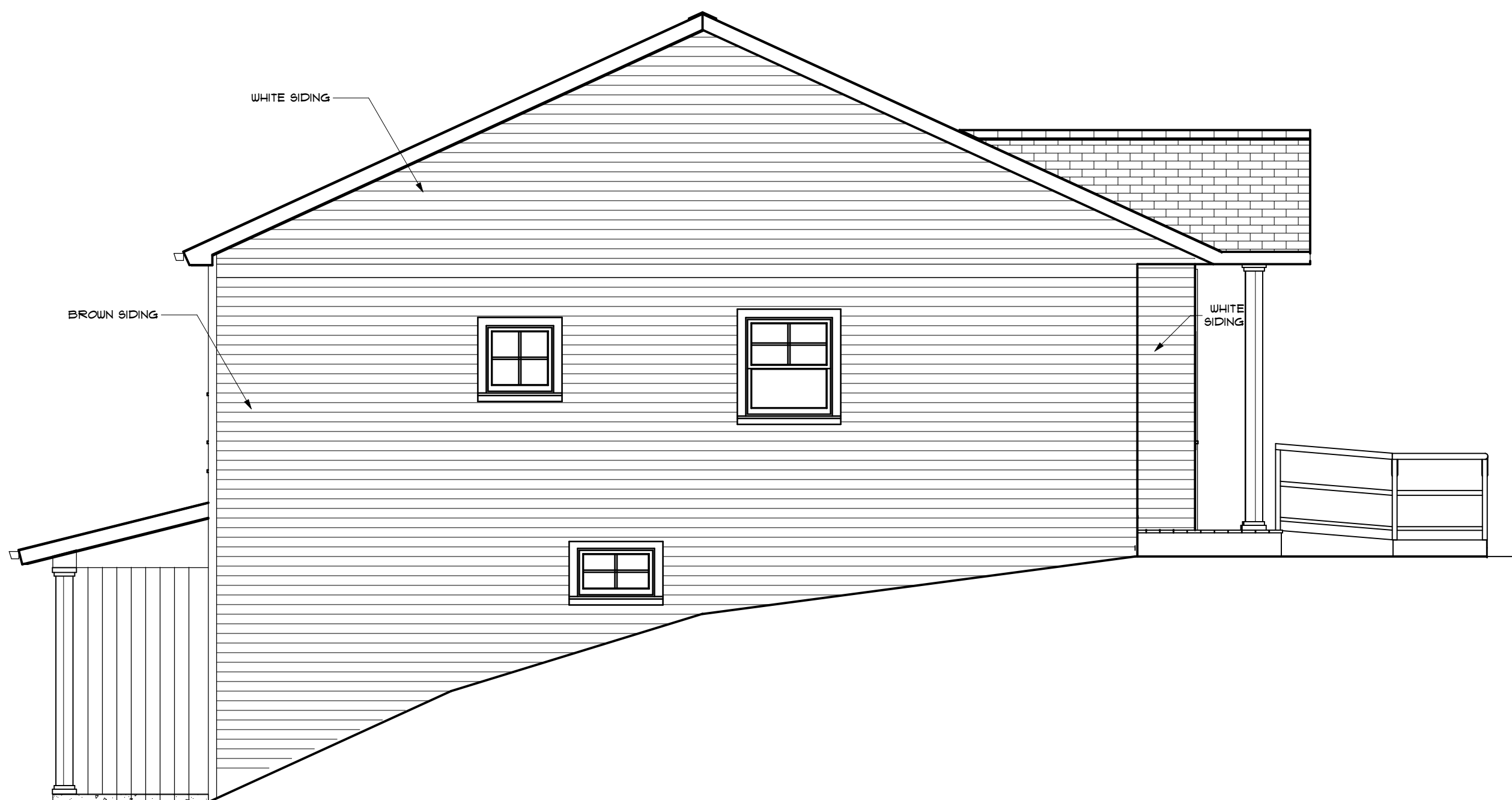
1) BUILDING SECTION  
1/4" = 1'-0"



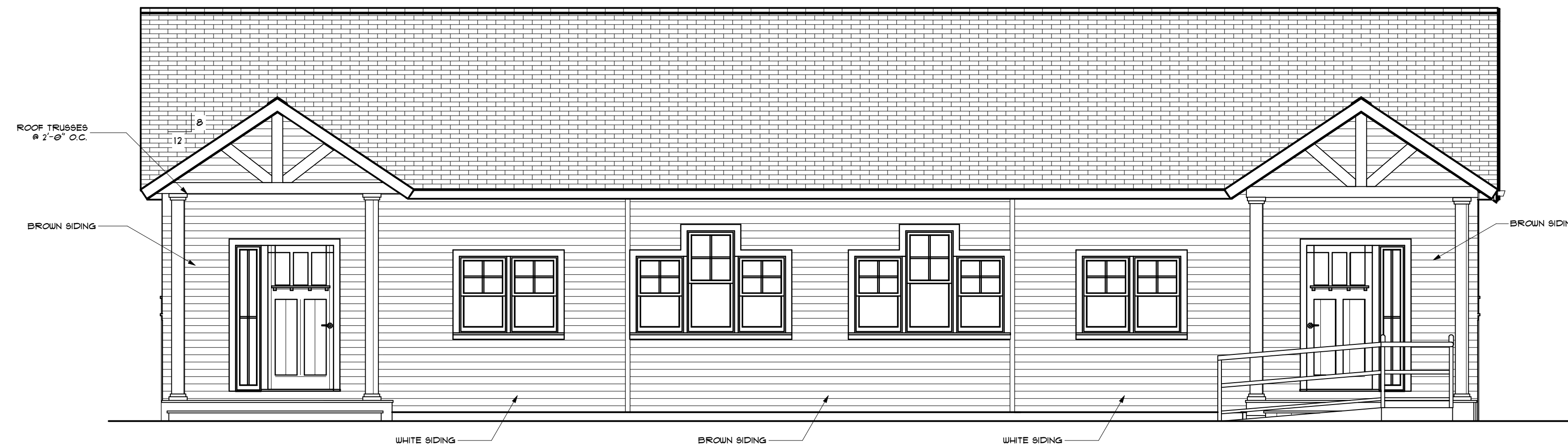
2) WEST ELEVATION  
1/4" = 1'-0"



3) NORTH ELEVATION  
1/4" = 1'-0"



4) SOUTH ELEVATION  
1/4" = 1'-0"



5) EAST ELEVATION  
1/4" = 1'-0"

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8 FAXTON PLACE  
NASHUA, NH

SHEET TITLE:

BUILDING  
SECTION  
& ELEVATIONS

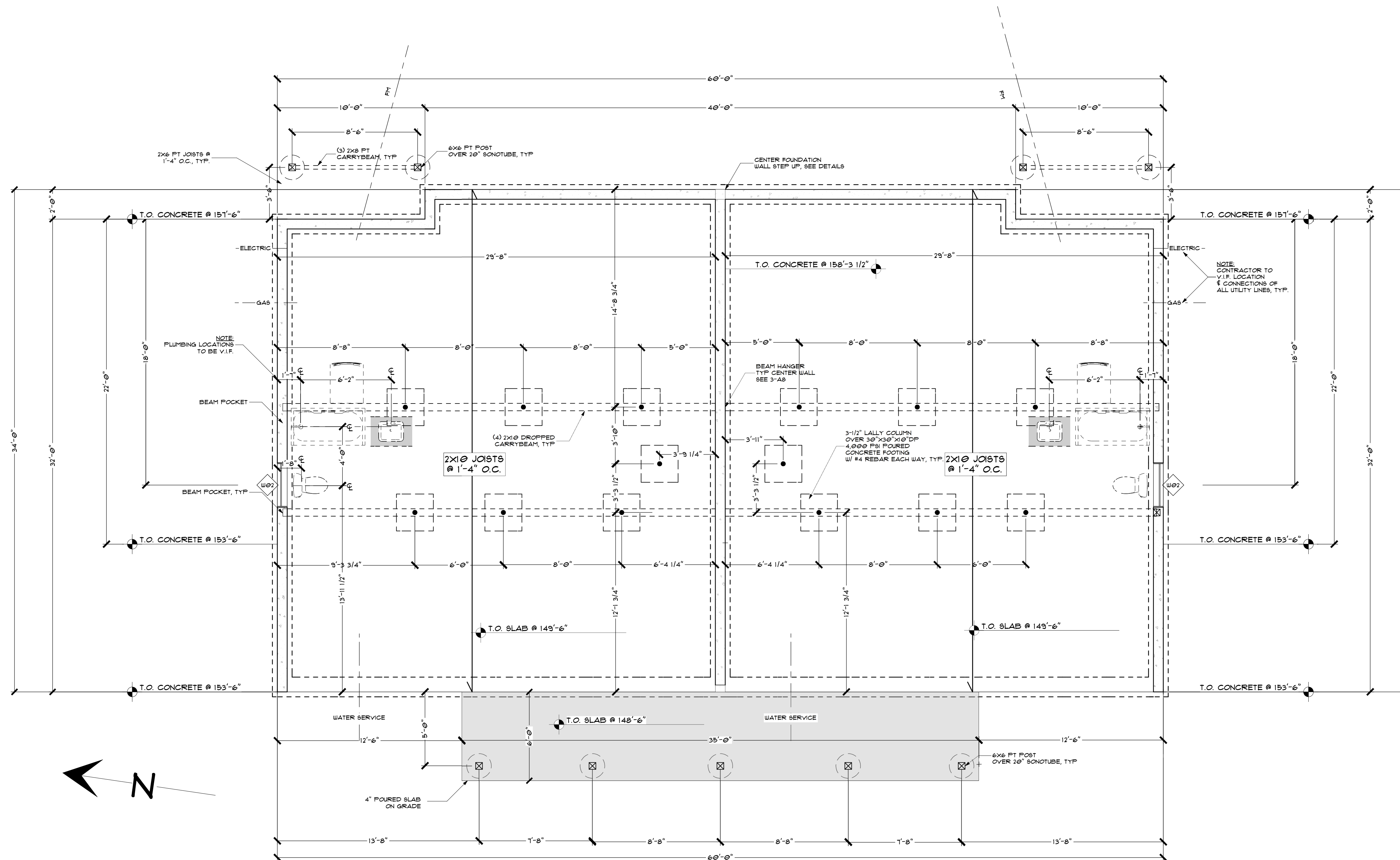
PROJECT STATUS:  
PRICING SET  
\*\* NOT FOR CONSTRUCTION \*\*

DATE: 03/09/2020

SCALE: 1/4"=1'-0"  
SHEET NUMBER:

A5





**GENERAL NOTES:**  
 SITE CONTRACTOR IS RESPONSIBLE TO COORDINATE THIS PLAN WITH THE APPROVED SITE PLAN GENERATED BY HATNER-SWANSON AND APPROVED BY THE CITY OF NASHUA. ANY DISCREPANCIES OR OMISSIONS SHALL BE BROUGHT TO THE ATTENTION OF ALL PARTIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR SITE PREPARATION.

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**HABITAT FOR HUMANITY**  
 8 FAXTON PLACE  
 NASHUA, NH

**SHEET TITLE:**  
**FOUNDATION PLAN**

**PROJECT STATUS:**  
**PRICING SET**  
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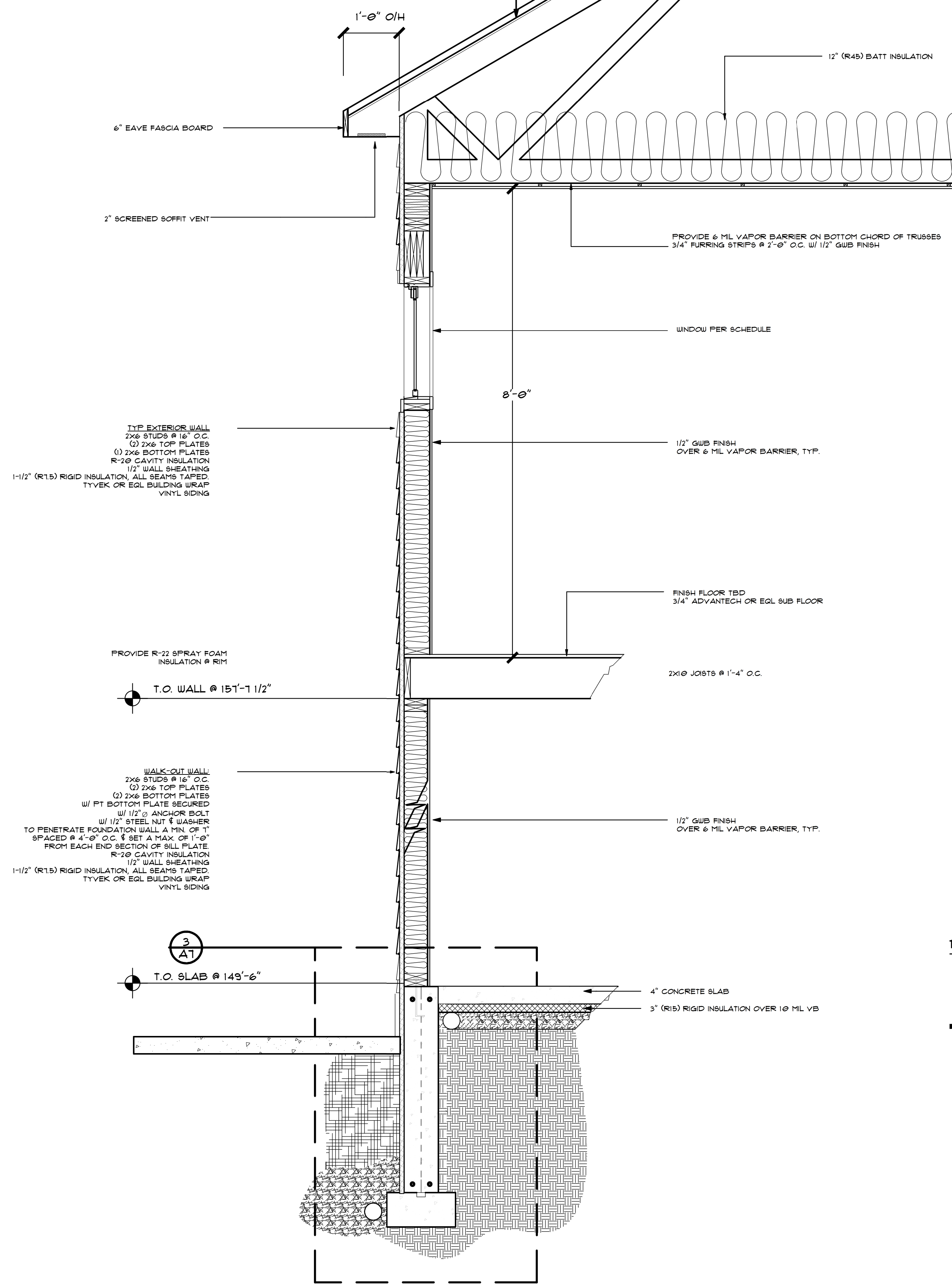
DATE: 03/09/2020  
 SCALE: 1/4"=1'-0"  
 SHEET NUMBER:

**A6**

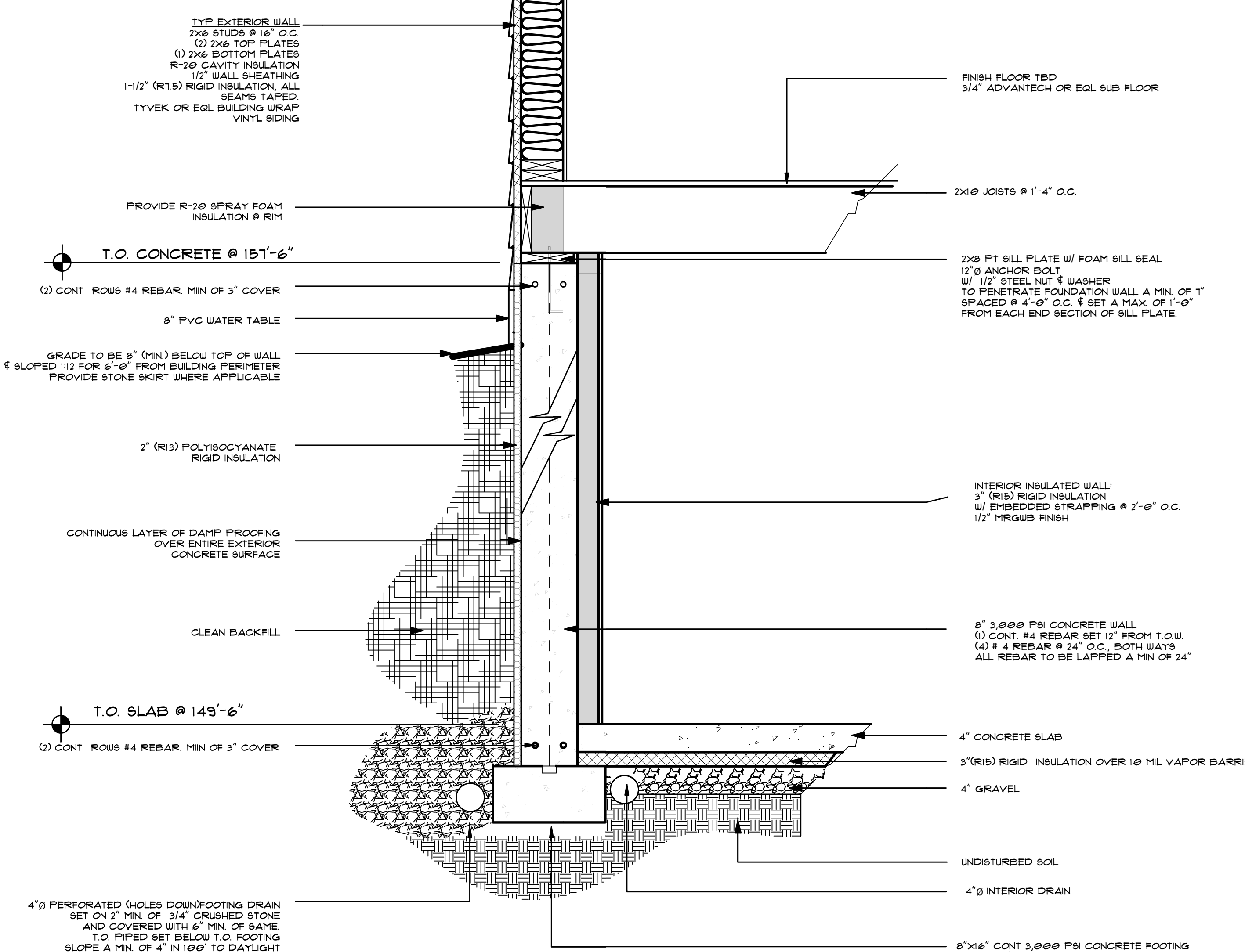


GENERAL NOTES:

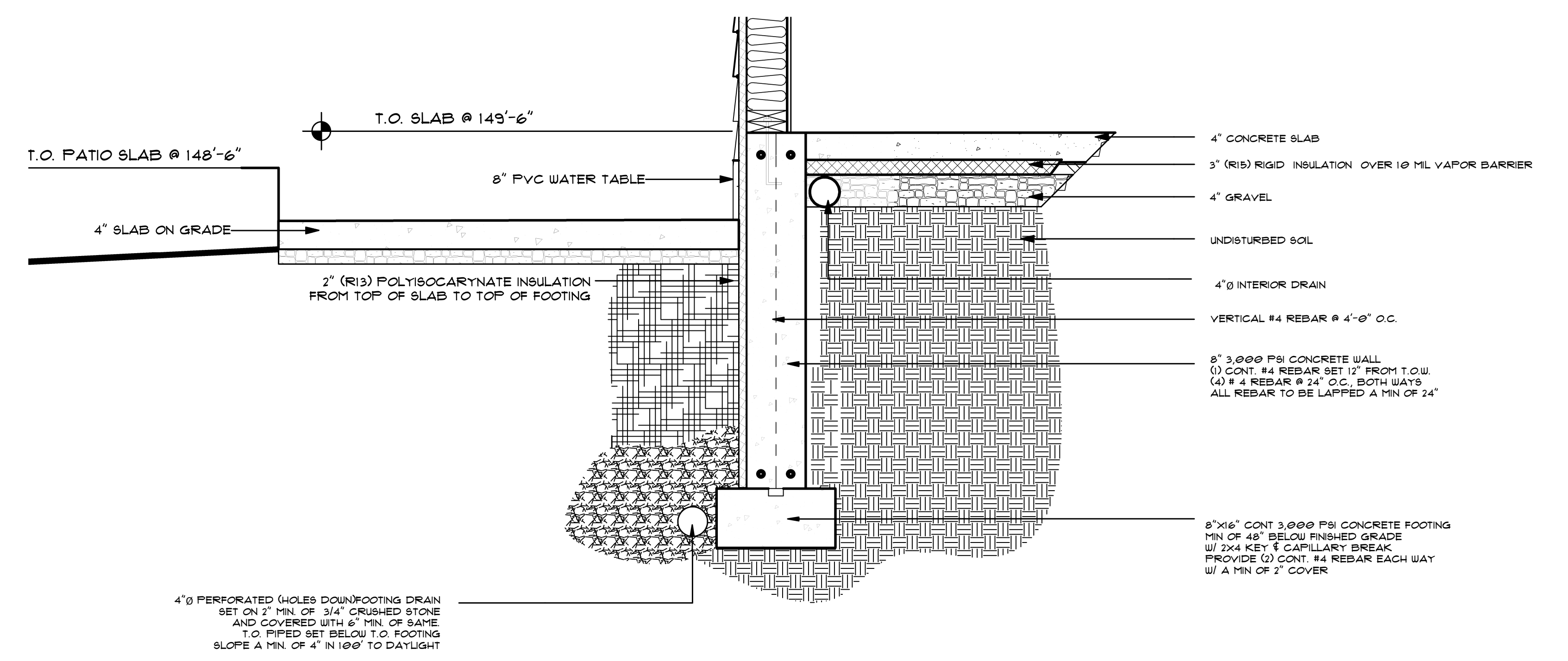
ROOF TRUSS SYSTEM:  
MANUFACTURED ROOF TRUSSES  
W/ 12" ENERGY HEEL @ 2'-0" O.C.  
SECURED TO TOP OF WALL  
W/ SIMPSON HS HURRICANE TIE  
OR APPROVED EQL.  
5/8" APA ROOF SHEATHING  
3'-0" STRIP ICE & WATER  
SHIELD CONT @ ROOF EDGE



1) WALK-OUT WALL SECTION  
3/4" = 1'-0"



2) TYP FOUNDATION WALL DETAIL  
1" = 1'-0"



3) BAE OF WALK-OUT WALL DETAIL  
1" = 1'-0"

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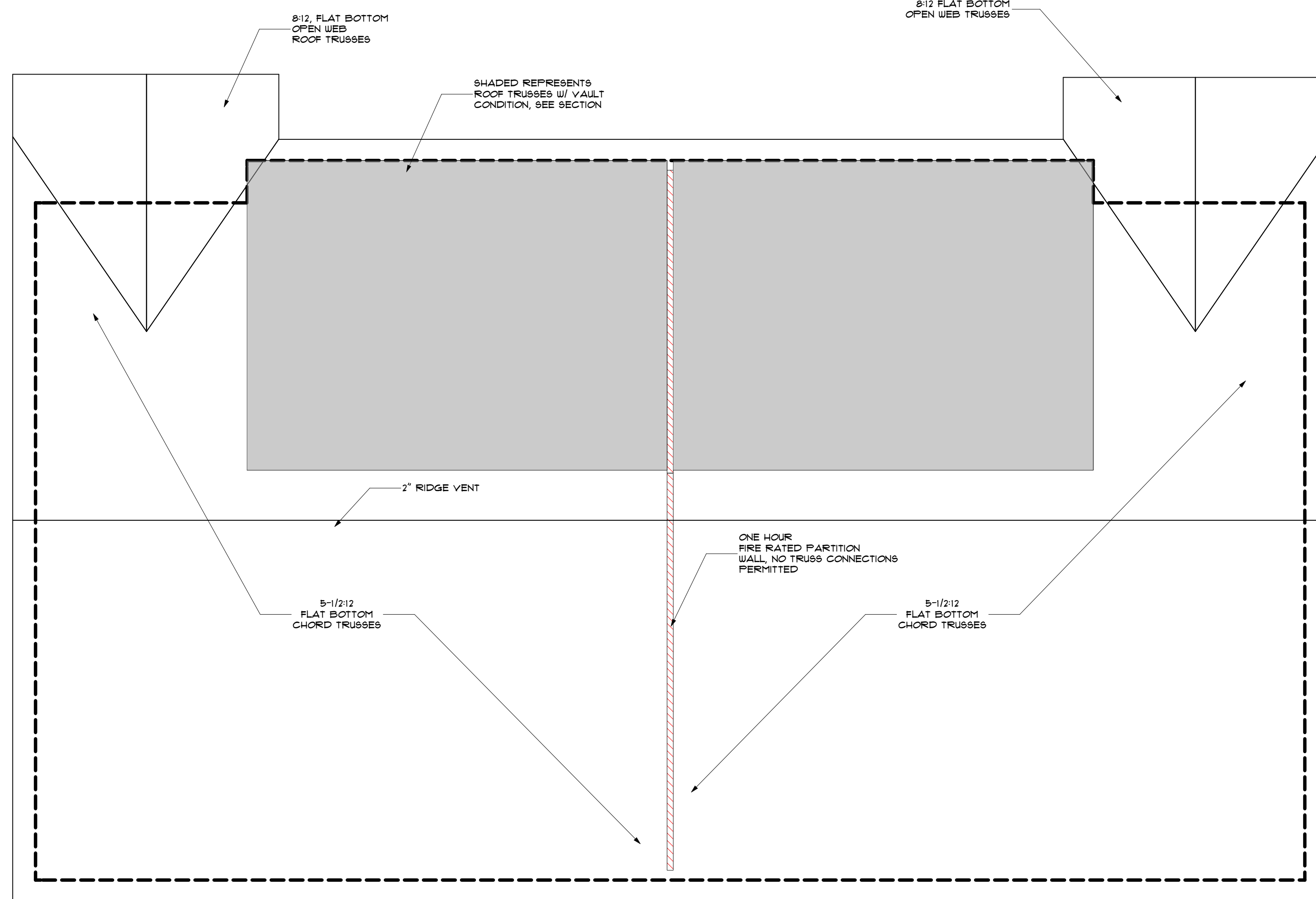
SHEET TITLE:  
**WALL SECTION & DETAILS**

PROJECT STATUS:  
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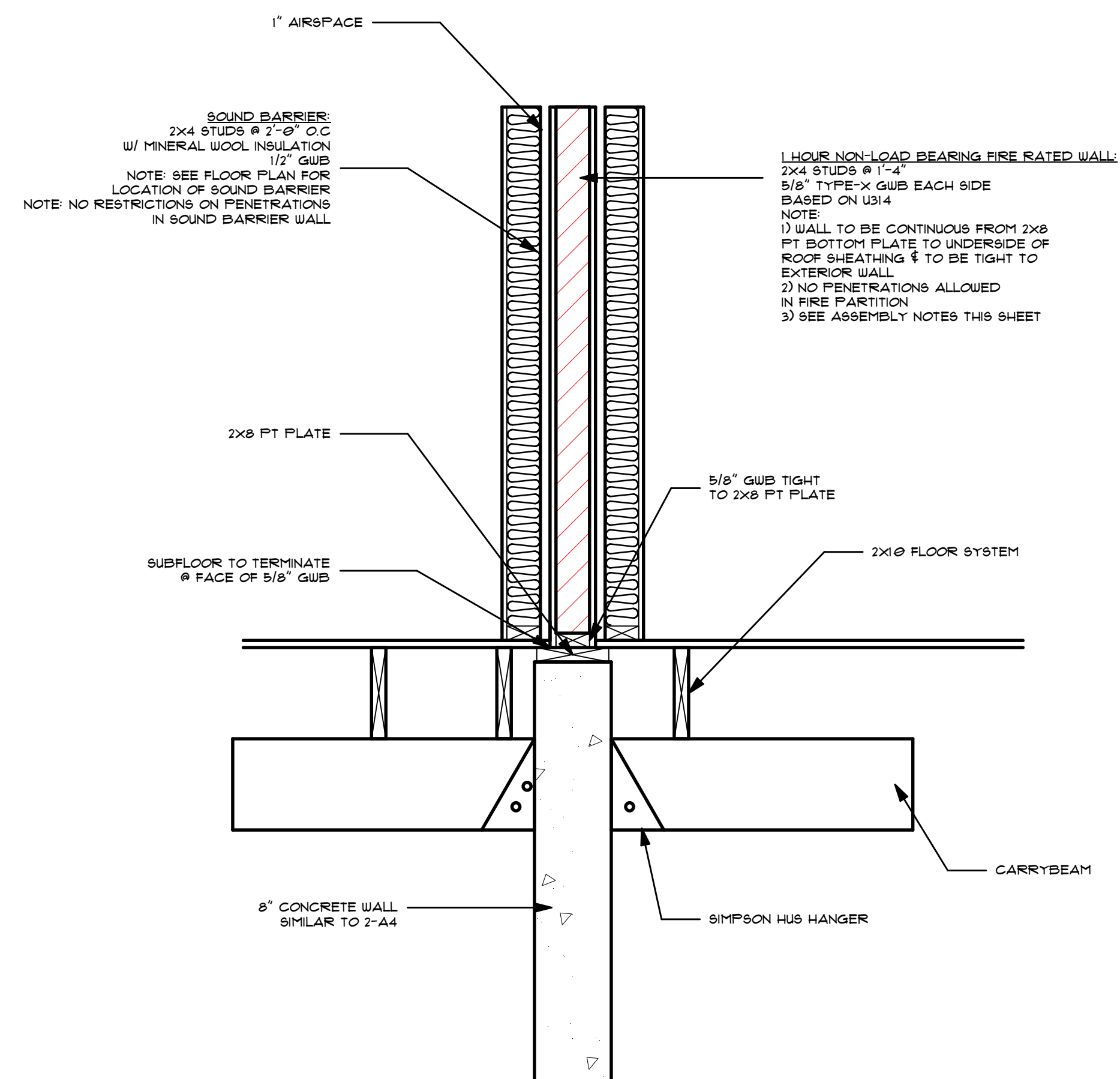
DATE: 03/09/2020  
SCALE: AS NOTED  
SHEET NUMBER:

**A7**





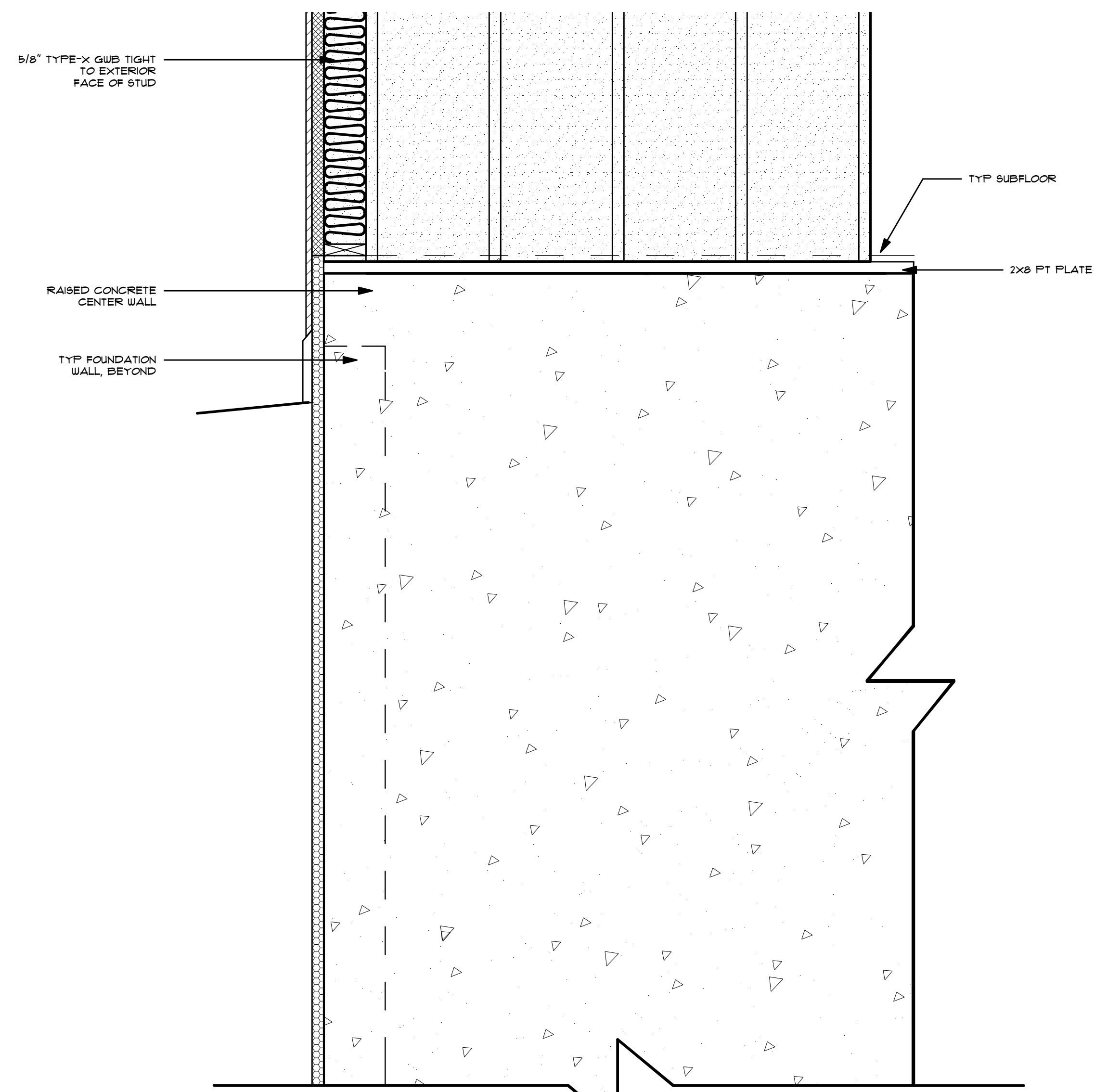
1) ROOF PLAN  
1/4" = 1'-0"



3) FIRE PARTITION DETAIL (SECTION VIEW)  
1" = 1'-0"

1. WOOD STUDS — NOM 2 BY 4 IN., SPACED 24 IN. OC, EFFECTIVELY FIRE STOPPED.
2. GYPSUM BOARD — 5/8 IN. THICK, 24 TO 54 IN. WIDE. TYPE-X GYPSUM BOARDS NAILED TO STUDS AND BEARING PLATES 1 IN. OC WITH 6D CEMENT COATED NAILS 1-1/8 IN. LONG, 0.0915 IN. SHANK DIAM AND 1/4 IN. DIAM HEAD. WHEN USED IN WIDTHS OTHER THAN 48 IN., GYPSUM PANELS TO BE INSTALLED HORIZONTALLY.
3. JOINTS AND NAILHEADS — EXPOSED JOINTS COVERED WITH JOINT COMPOUND AND PAPER TAPE. NAILHEADS COVERED WITH JOINT COMPOUND. JOINT COMPOUND AND PAPER TAPE MAY BE OMITTED WHEN SQUARE EDGE BOARDS ARE USED. AS AN ALTERNATE, NOM 3/32 IN. THICK GYPSUM VENEER PLASTER MAY BE APPLIED TO THE ENTIRE SURFACE OF CLASSIFIED VENEER BASEBOARD WITH THE JOINTS REINFORCED WITH PAPER TAPE.
4. BATTS AND BLANKETS — (OPTIONAL, NOT SHOWN) — MINERAL WOOL INSULATION PLACED IN STUD CAVITIES.

2) FIRE PARTITION ASSEMBLY NOTES  
BASED ON UL DESIGN 314



4) FIRE PARTITION DETAIL (ELEVATION VIEW)  
1" = 1'-0"

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SHEET TITLE:

ROOF PLAN  
& FIRE  
PARTITION  
DETAILS

PROJECT STATUS:

PRICING SET  
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DATE: 03/09/2020

SCALE: AS NOTED  
SHEET NUMBER:

A8