



## UNIT 2504 END - 'THE FRENCH ROSE'


# SB-12 ENERGY EFFICIENCY DESIGN MATRIX

PERFORMANCE COMPLIANCE		SPACE HEATING FUEL	
		<input type="checkbox"/> GAS	<input type="checkbox"/> OIL
		<input type="checkbox"/> ELECTRIC	<input type="checkbox"/> PROPANE
		<input type="checkbox"/> FAIRH	<input type="checkbox"/> SOLID FUEL
BUILDING COMPONENT	PROPOSED		
INSULATION RSI (R) VALUE	10.56 (R60)		
CEILING W/ ATTIC SPACE	5.46 (R31)		
CEILING W/O ATTIC SPACE	5.46 (R31)		
EXPOSED FLOOR	3.87 (R22) + 1.561		
WALLS ABOVE GRADE	R20 Blanket or R12 + R10d		
BASEMENT WALLS	-		
BELOW GRADE SLAB ENTIRE SURFACE > 600mm BELOW GRADE	1.76 (R10)		
EDGE OF BELOW GRADE SLAB ≤ 600mm BELOW GRADE	1.76 (R10)		
HEATED SLAB ≤ 600mm BELOW GRADE	1.76 (R10)		
CONC. SLAB ≤ 600mm BELOW GRADE	1.76 (R10)		
WINDOWS & DOORS	1.6		
WINDOWS/SLIDING GLASS DOORS (MAX U-VALUE or MIN. ER)	2.8		
SKYLIGHTS (MAX. U-VALUE)			
APPLIANCE EFFICIENCY			
SPACE HEATING EQUIP. (AFUE%)	Combo 85% AFUE GLOW CH140		
HVAC EFFICIENCY (%)	75%		
DOMESTIC HOT WATER HEATER (EF)	0.84		
(WHIRL UNIT %)	53.3% ON 1 SHOWERS MIN.		

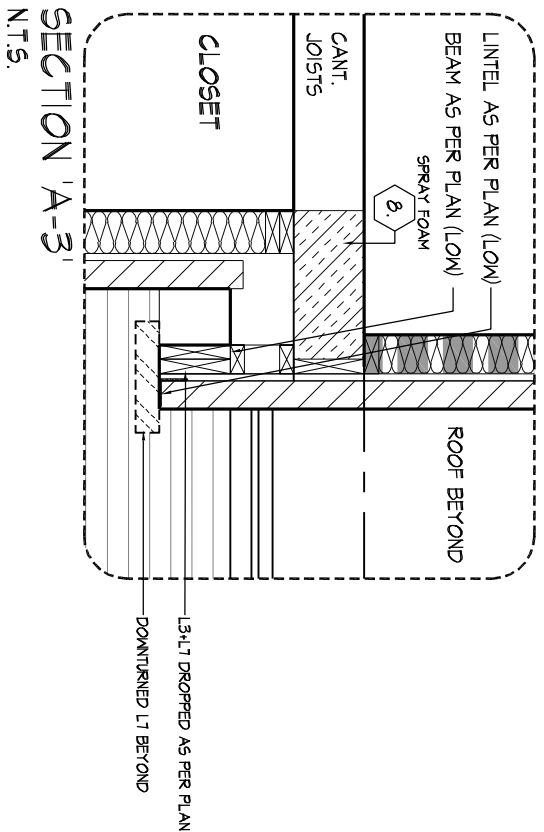
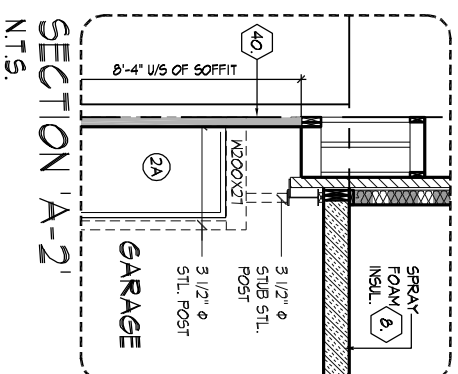
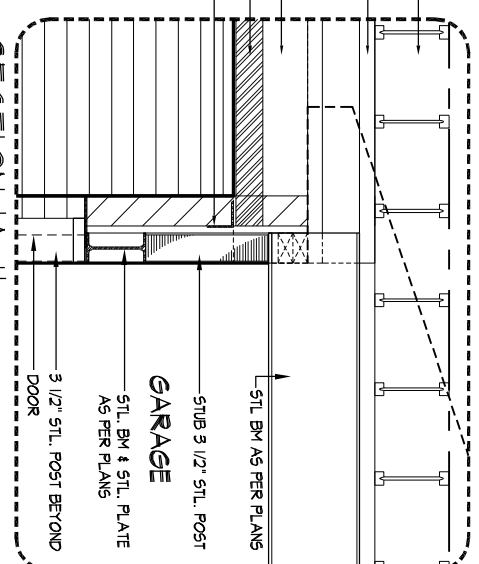
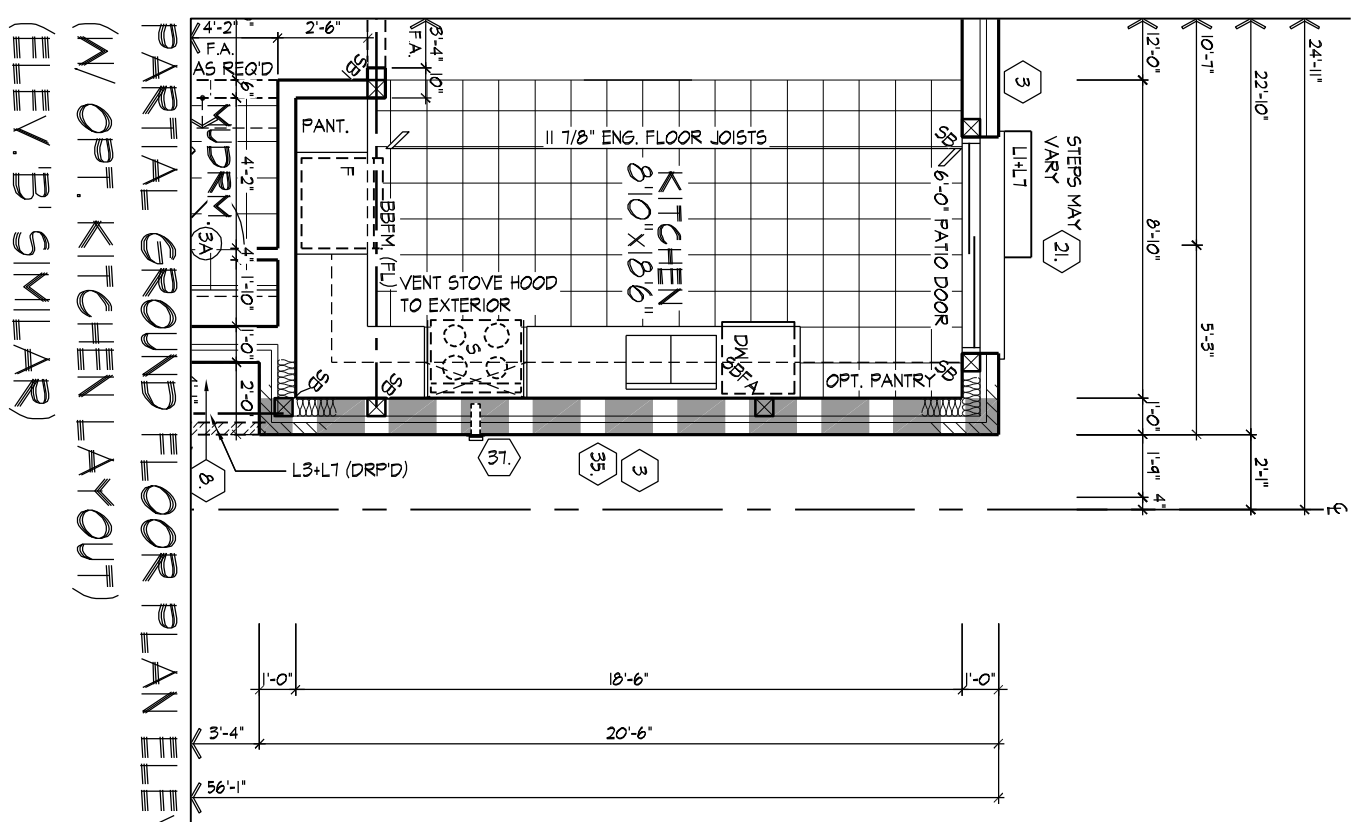
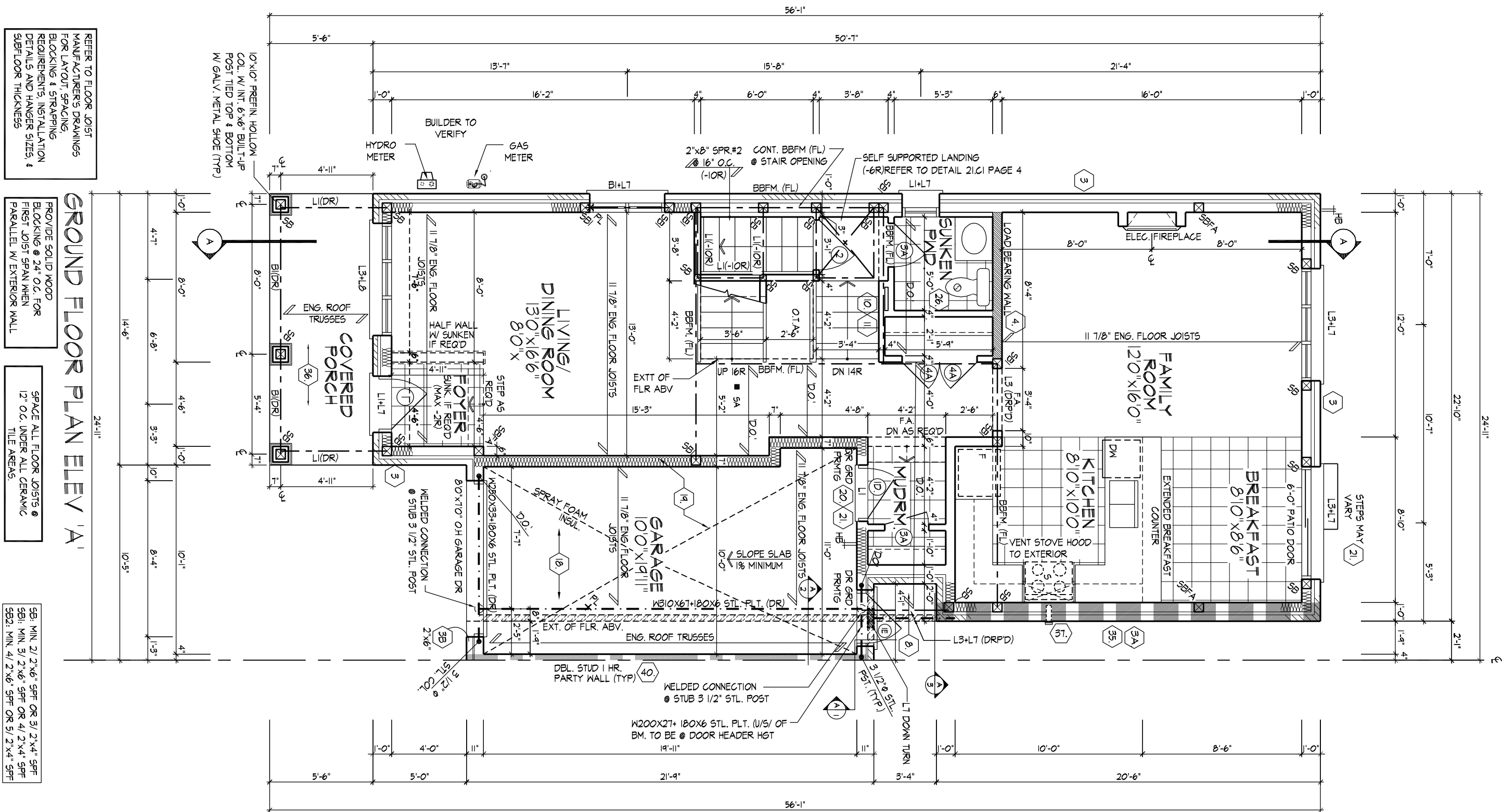
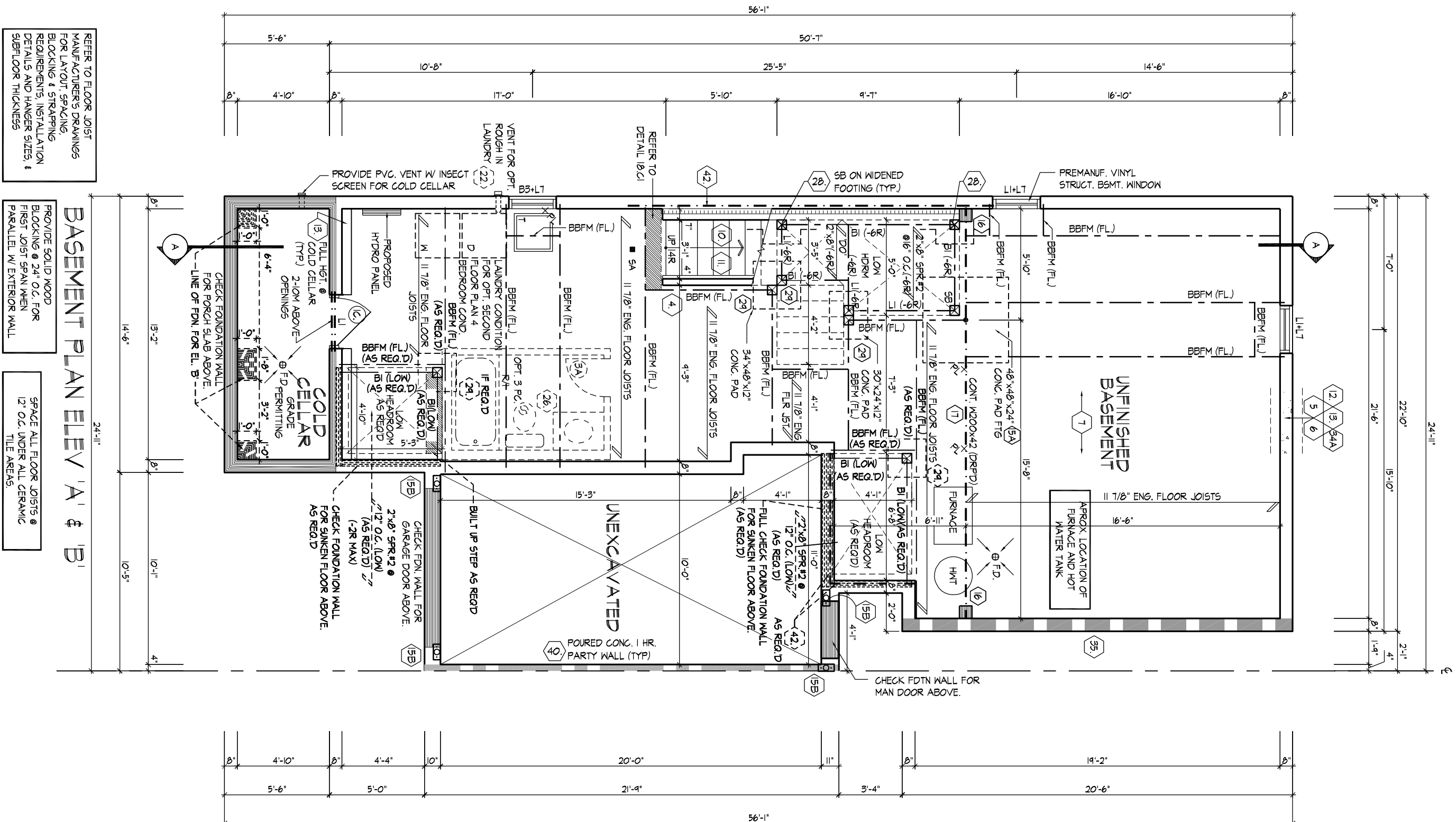
AREA CALCULATIONS		EL. 'A'	EL. 'B'
	END		END
GROUND FLOOR AREA	929 sq. ft.		929 sq. ft.
	(86.31 sq. m.)		(86.31 sq. m.)
SECOND FLOOR AREA	1113 sq. ft.		1113 sq. ft.
	(103.40 sq. m.)		(103.40 sq. m.)
SUBTOTAL	2042 sq. ft.		2042 sq. ft.
	(189.71 sq. m.)		(189.71 sq. m.)
DEDUCT ALL OPEN AREAS	0 sq. ft.		0 sq. ft.
	(0.00 sq. m.)		(0.00 sq. m.)
TOTAL NET AREA	2042 sq. ft.		2042 sq. ft.
	(189.71 sq. m.)		(189.71 sq. m.)
FINISHED BASEMENT AREA	0 sq. ft.		0 sq. ft.
	(0.00 sq. m.)		(0.00 sq. m.)
COVERAGE	1149 sq. ft.		1149 sq. ft.
WOOD FLOORH	(106.75 sq. m.)		(106.75 sq. m.)
COVERAGE	1229 sq. ft.		1229 sq. ft.
FLOORH	(114.18 sq. m.)		(114.18 sq. m.)




REVISIONS		DATE (YYYY/MM/DD)	BY
7.	ISSUED FOR PERMIT	-	
6.	ISSUED FOR FINAL APPROVAL	2024/03/19	MM
5.	REVISED AS PER ARCHITECTURAL CONTROL COMMENTS	-	
4.	REVISED AS PER ENGINEER COMMENTS	2023/02/14	MM
3.	REVISED AS PER ROOF TRUSS MANUFACTURE PLANS	2022/06/15	MM
2.	REVISED AS PER FLOOR MANUFACTURE PLANS	2022/06/13	MM
1.	REVISED AS PER CLIENTS COMMENTS	2022/09/29	DSI


**Royal Pine Homes/Summer Ridge Estates Inc.-216051 UNIT-250404**  
**"MAFIELD VILLAGE", BRAMPTON, ON.**  
 REV. 2024.03.14:1411  
 Drawn By: JLM Date: 3/16/21 Scale: 1/8"=1'-0"  
 Project Number: 216051WS2504





REFER TO FLOOR JOIST MANUFACTURER'S DRAWINGS FOR LAYOUT, SPACING, BLOCKING & STRAPPING REQUIREMENTS, INSTALLATION DETAILS AND HANGER SIZES, & SUBFLOOR THICKNESS

PROVIDE SOLID WOOD  
BLOCKING @ 24" O.C. FOR  
FIRST JOIST SPAN WHEN  
PARALLEL W/ EXTERIOR WALL

SPACE ALL FLOOR JOISTS @  
12" O.C. UNDER ALL CERAMIC  
TILE AREAS.

PROVIDE SOLID WOOD  
BLOCKING @ 24" O.C. FOR  
FIRST JOIST SPAN WHEN  
PARALLEL W/ EXTERIOR WALL

SPACE ALL FLOOR JOISTS @  
12" O.C. UNDER ALL CERAMIC  
TILE AREAS.

REFER TO FLOOR JOIST  
MANUFACTURERS DRAWINGS  
FOR LAYOUT, SPACING,  
BLOCKING & STRAPPING  
REQUIREMENTS, INSTALLATION  
DETAILS AND HANGER SIZES, &  
SUBFLOOR THICKNESS

**GROUND FLOOR PLAN ELEV 'A'**

PROVIDE SOLID WOOD  
BLOCKING @ 24" O.C. FOR  
FIRST JOIST SPAN MEN  
PARALLEL W/ EXTERIOR WALL

SPACE ALL FLOOR JOISTS @  
12" O.C. UNDER ALL CERAMIC  
TILE AREAS.

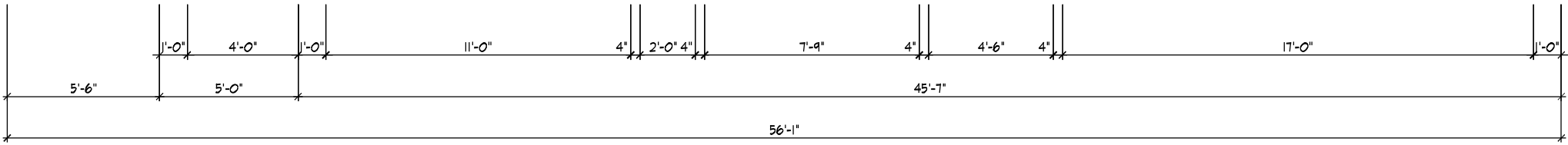
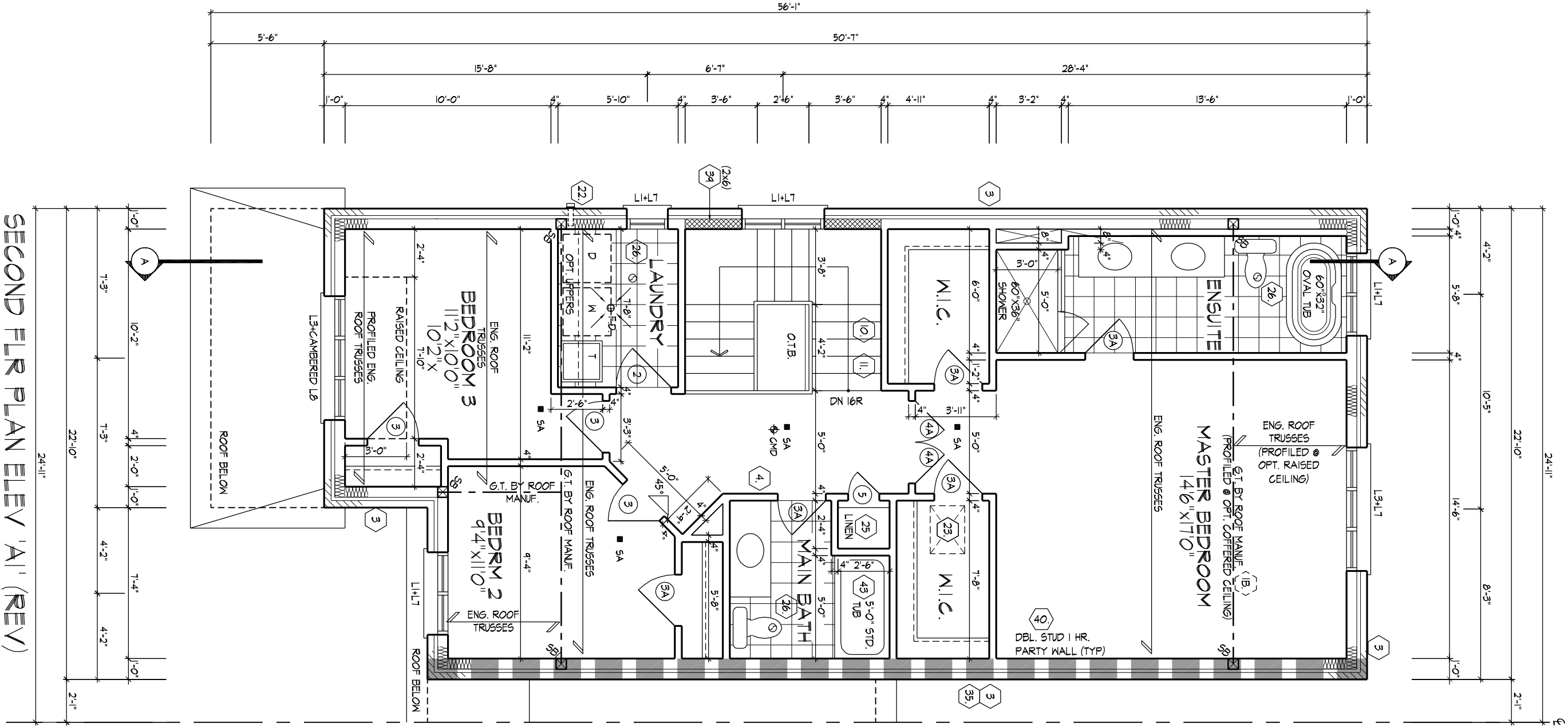
PROVIDE SOLID WOOD  
BLOCKING @ 24" O.C. FOR  
FIRST JOIST SPAN WHEN  
PARALLEL W/ EXTERIOR WALL

SPACE ALL FLOOR JOISTS @  
12" O.C. UNDER ALL CERAMIC  
TILE AREAS.

SB: MIN. 2/ 2"x6" SPF OR 3/ 2"x4" SPF  
SB1: MIN. 3/ 2"x6" SPF OR 4/ 2"x4" SPF  
SB2: MIN. 4/ 2"x6" SPF OR 5/ 2"x4" SPF

[illegible]

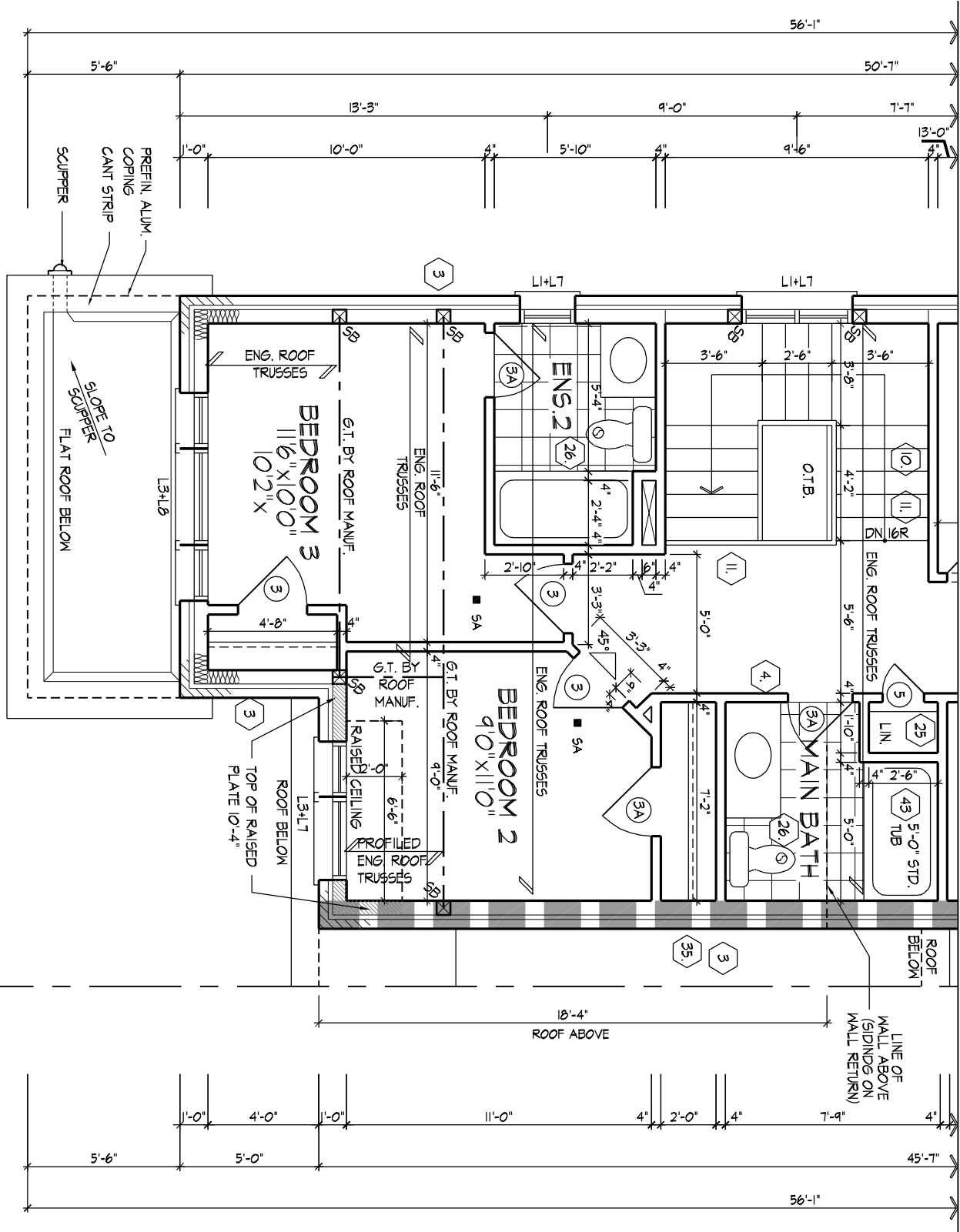




SECOND FLOOR PLAN, ELEV. 'A' / OPT. SCND FLOOR PLAN ELEV. 'A' (W/ OPT. 4 BEDROOM)  
(REV) (W/ 4 BEDROOM PLAN)

581. MIN. 3/2"x4" SFF OR 3/2"x4" SFF  
581. MIN. 3/2"x6" SFF OR 4/2"x4" SFF  
582. MIN. 4/2"x6" SFF OR 5/2"x4" SFF

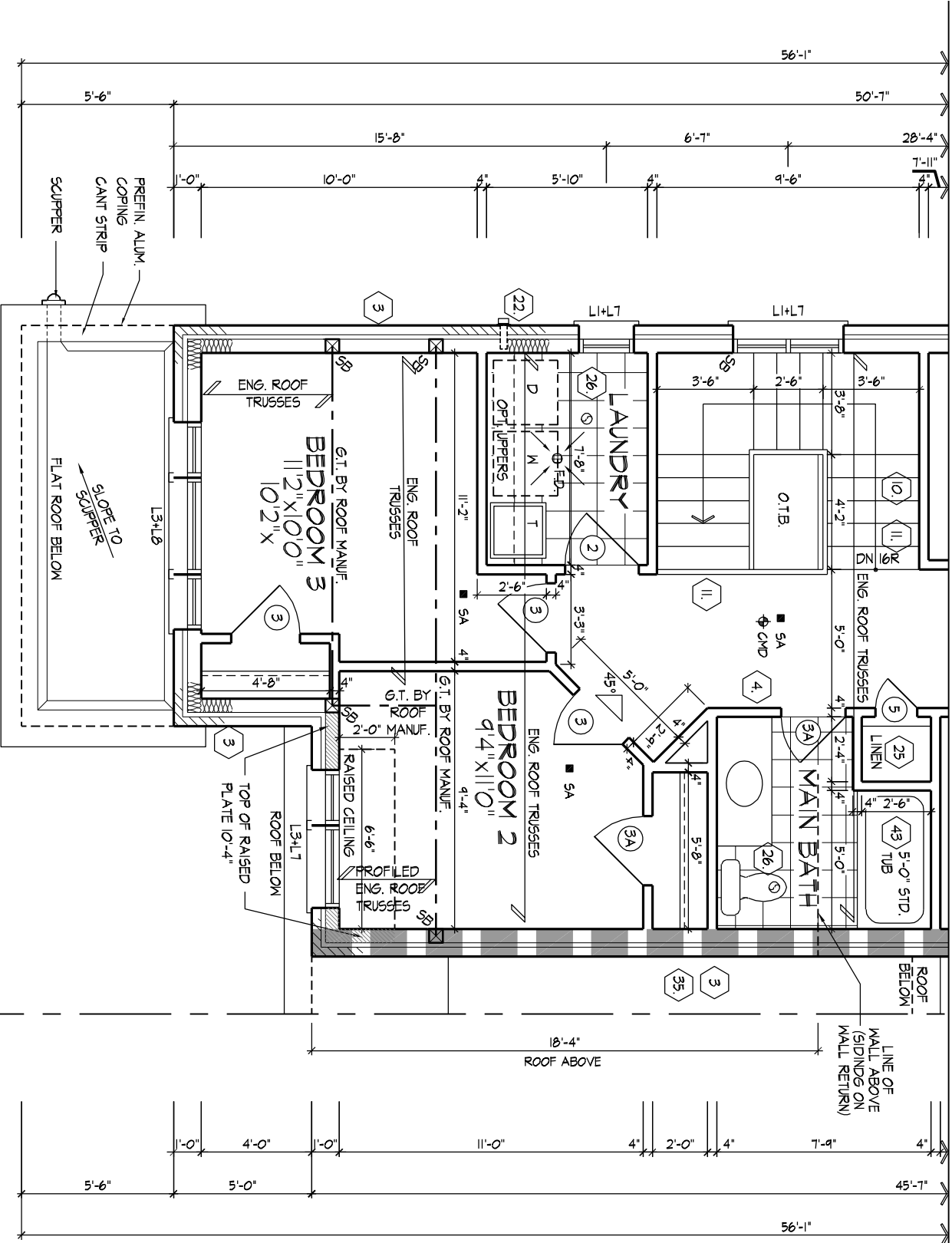




REFER TO ROOF TRUSSES MANUFACTURER'S DRAWINGS FOR LAYOUT SPACING, INSTALLATION DETAILS AND HANGER SIZES.

PARTIAL OPT. SECOND FLR PLAN, ELEV B' (W/ 4 BEDROOM PLAN)

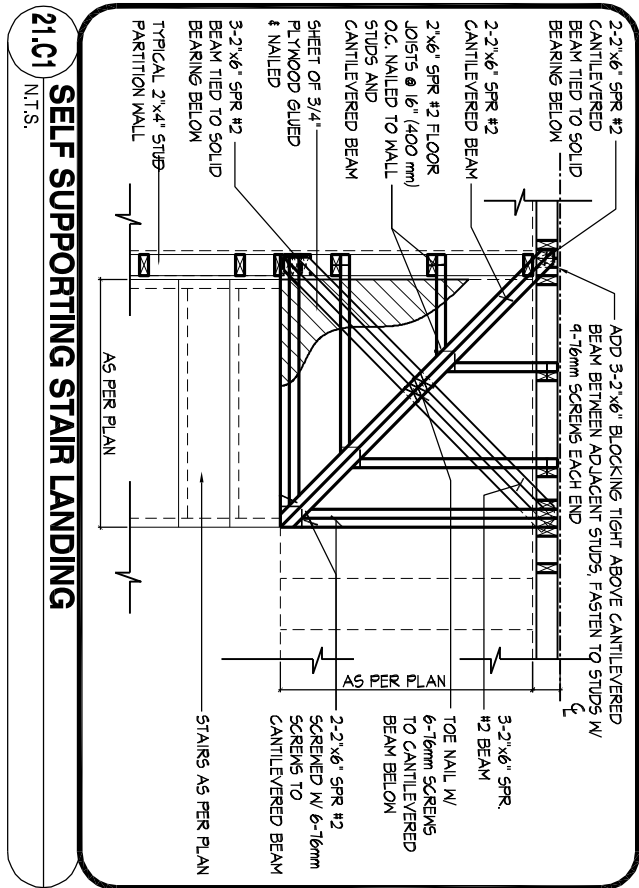
REFER TO STANDARD PLAN FOR COMPLETE CONSTRUCTION NOTES & DIMENSIONS



REFER TO ROOF TRUSSES MANUFACTURER'S DRAWINGS FOR LAYOUT SPACING, INSTALLATION DETAILS AND HANGER SIZES.

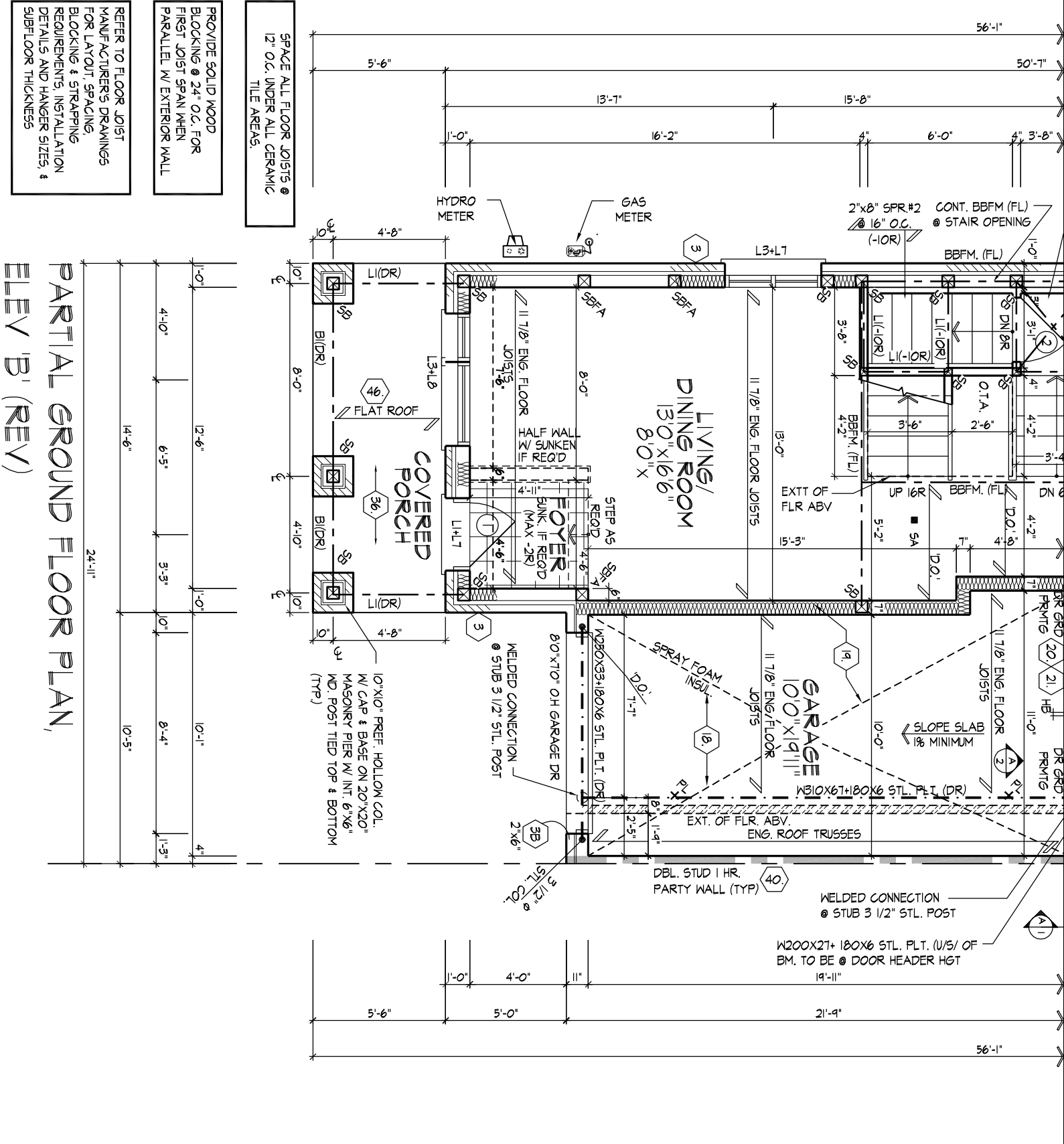
PARTIAL SECOND FLR PLAN, ELEV B'

REFER TO STANDARD PLAN FOR COMPLETE CONSTRUCTION NOTES & DIMENSIONS



21(C) SELF SUPPORTING STAIR LANDING

5B1: MIN 2/2x6 SFR OR 3/2x4 SFR  
5B2: MIN 3/2x6 SFR OR 4/2x4 SFR  
5B3: MIN 4/2x6 SFR OR 5/2x4 SFR



REFER TO FLOOR JOIST MANUFACTURER'S DRAWINGS FOR LAYOUT SPACING, BLOCKING & STRAPPING DETAILS AND HANGER SIZES.

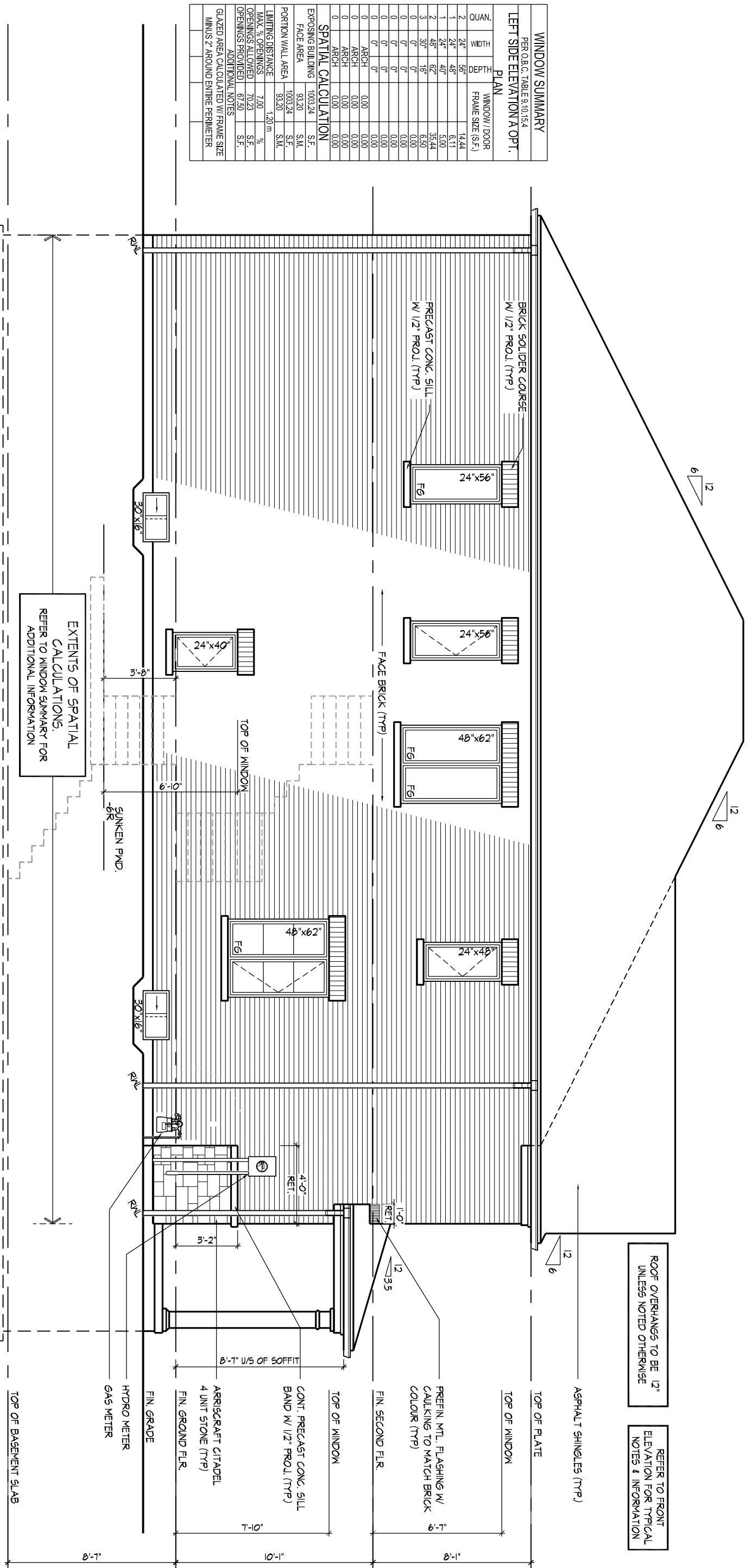
PROVIDE SOLID WOOD BLOCKING @ 24" O.C. FOR EXTERIOR WALLS PARALLEL W/ EXTERIOR WALL.

PARTIAL GROUND FLOOR PLAN, ELEV B' (REV)

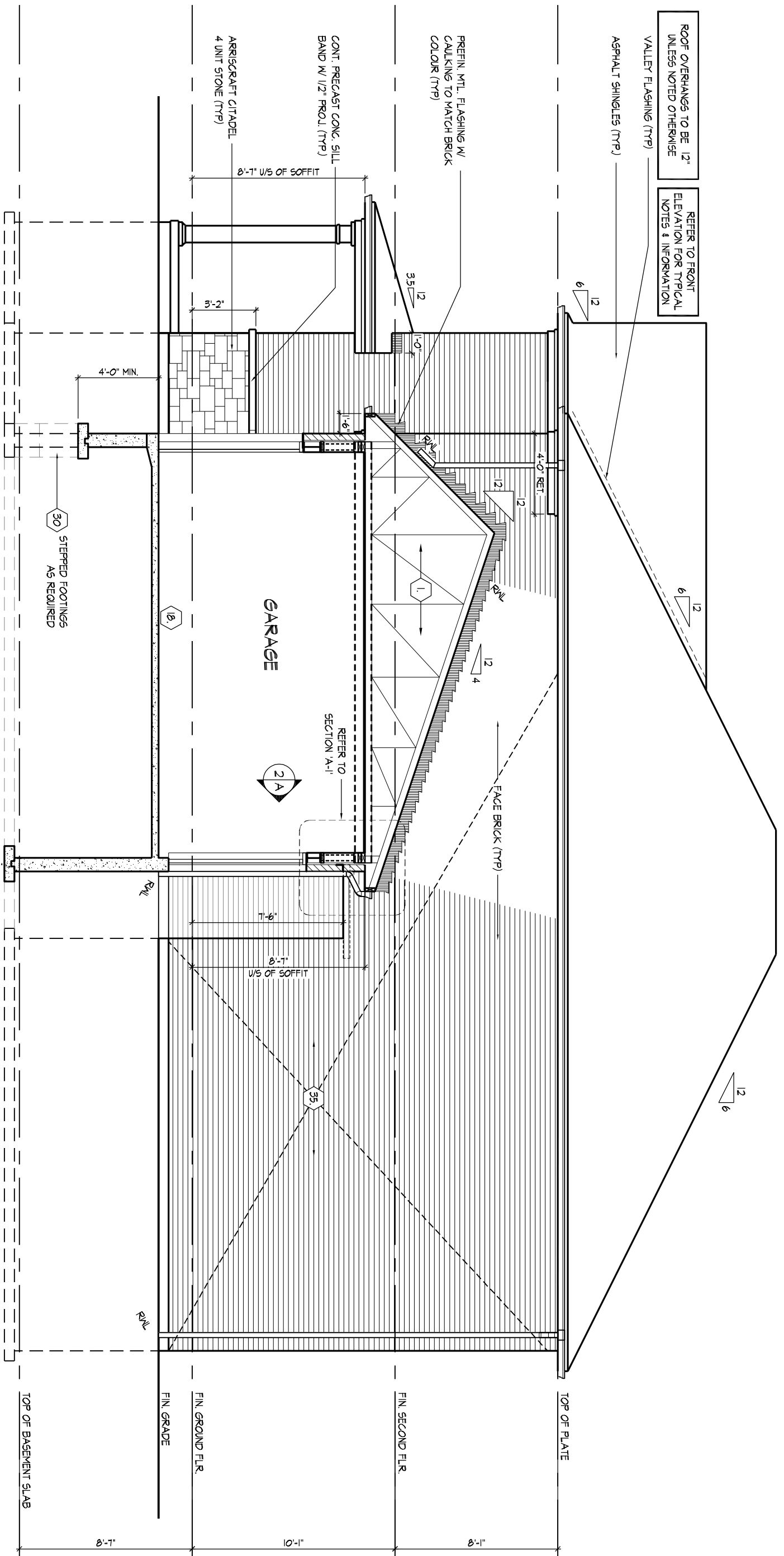






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LEFT SIDE ELEVATION 'A'  
(FOR OPT. SECOND FLOOR ONLY)



RIGHT SIDE ELEVATION 'A'





# FRONT ELEVATION 'B'

WINDOW SUMMARY		WINDOW DATA	
P.O.C. LOC. 0.0154		P.O.C. LOC. 0.0154	
QUANT	DEPTH	QUANT	DEPTH
1	2.47	1	2.47
2	2.47	2	2.47
3	2.47	3	2.47
4	2.47	4	2.47
5	2.47	5	2.47
6	2.47	6	2.47
7	2.47	7	2.47
8	2.47	8	2.47
9	2.47	9	2.47
10	2.47	10	2.47
11	2.47	11	2.47
12	2.47	12	2.47
13	2.47	13	2.47
14	2.47	14	2.47
15	2.47	15	2.47
16	2.47	16	2.47
17	2.47	17	2.47
18	2.47	18	2.47
19	2.47	19	2.47
20	2.47	20	2.47
21	2.47	21	2.47
22	2.47	22	2.47
23	2.47	23	2.47
24	2.47	24	2.47
25	2.47	25	2.47
26	2.47	26	2.47
27	2.47	27	2.47
28	2.47	28	2.47
29	2.47	29	2.47
30	2.47	30	2.47
31	2.47	31	2.47
32	2.47	32	2.47
33	2.47	33	2.47
34	2.47	34	2.47
35	2.47	35	2.47
36	2.47	36	2.47
37	2.47	37	2.47
38	2.47	38	2.47
39	2.47	39	2.47
40	2.47	40	2.47
41	2.47	41	2.47
42	2.47	42	2.47
43	2.47	43	2.47
44	2.47	44	2.47
45	2.47	45	2.47
46	2.47	46	2.47
47	2.47	47	2.47
48	2.47	48	2.47
49	2.47	49	2.47
50	2.47	50	2.47
51	2.47	51	2.47
52	2.47	52	2.47
53	2.47	53	2.47
54	2.47	54	2.47
55	2.47	55	2.47
56	2.47	56	2.47
57	2.47	57	2.47
58	2.47	58	2.47
59	2.47	59	2.47
60	2.47	60	2.47
61	2.47	61	2.47
62	2.47	62	2.47
63	2.47	63	2.47
64	2.47	64	2.47
65	2.47	65	2.47
66	2.47	66	2.47
67	2.47	67	2.47
68	2.47	68	2.47
69	2.47	69	2.47
70	2.47	70	2.47
71	2.47	71	2.47
72	2.47	72	2.47
73	2.47	73	2.47
74	2.47	74	2.47
75	2.47	75	2.47
76	2.47	76	2.47
77	2.47	77	2.47
78	2.47	78	2.47
79	2.47	79	2.47
80	2.47	80	2.47
81	2.47	81	2.47
82	2.47	82	2.47
83	2.47	83	2.47
84	2.47	84	2.47
85	2.47	85	2.47
86	2.47	86	2.47
87	2.47	87	2.47
88	2.47	88	2.47
89	2.47	89	2.47
90	2.47	90	2.47
91	2.47	91	2.47
92	2.47	92	2.47
93	2.47	93	



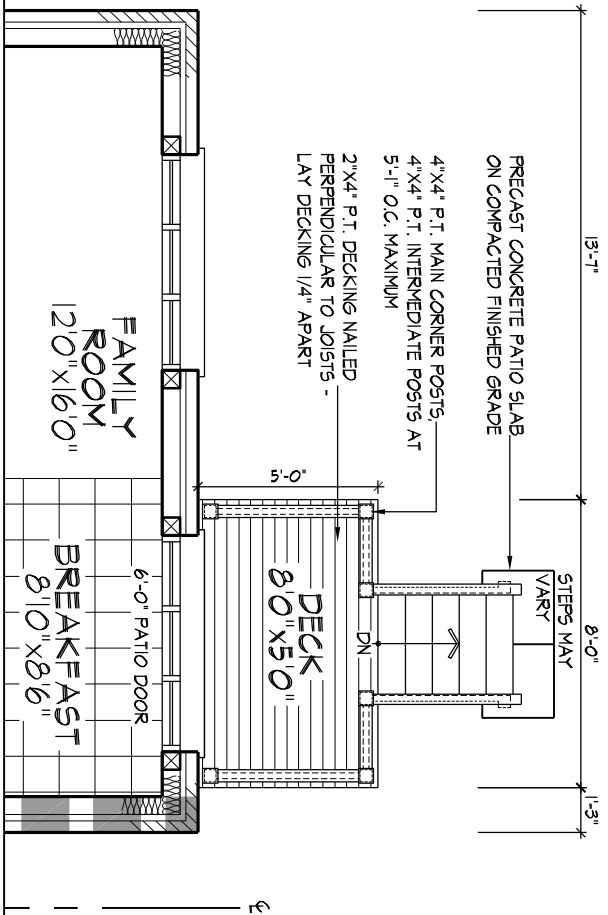
TOP OF BASEMENT SLAB

**FRONT & REAR ELEV. 'B' / LEFT SIDE ELEV. 'B'**  
**Royal Pine Homes/Summer Ridge Estates Inc.-216051 UNIT-2504**  
**"MAYFIELD VILLAGE", BRAMPTON, ON.**  
 REV.2024.03.14

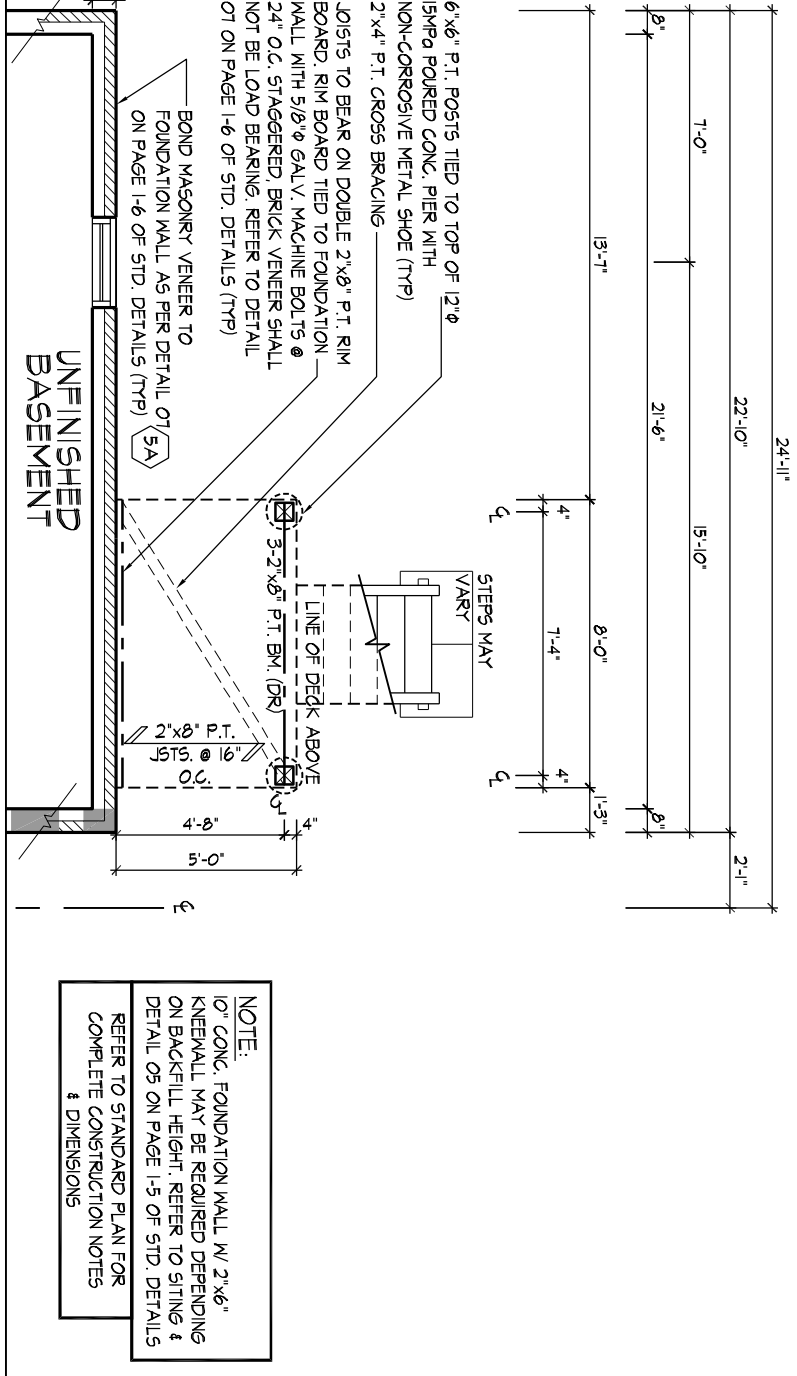




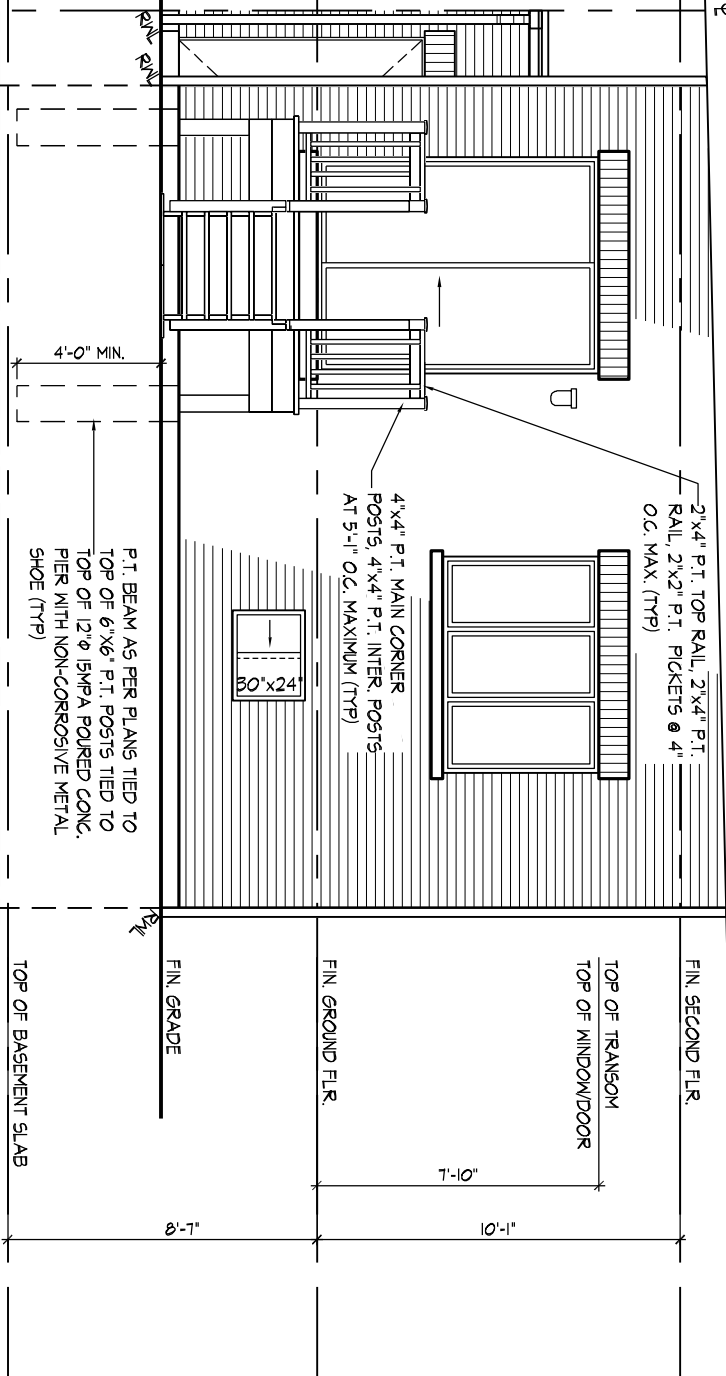




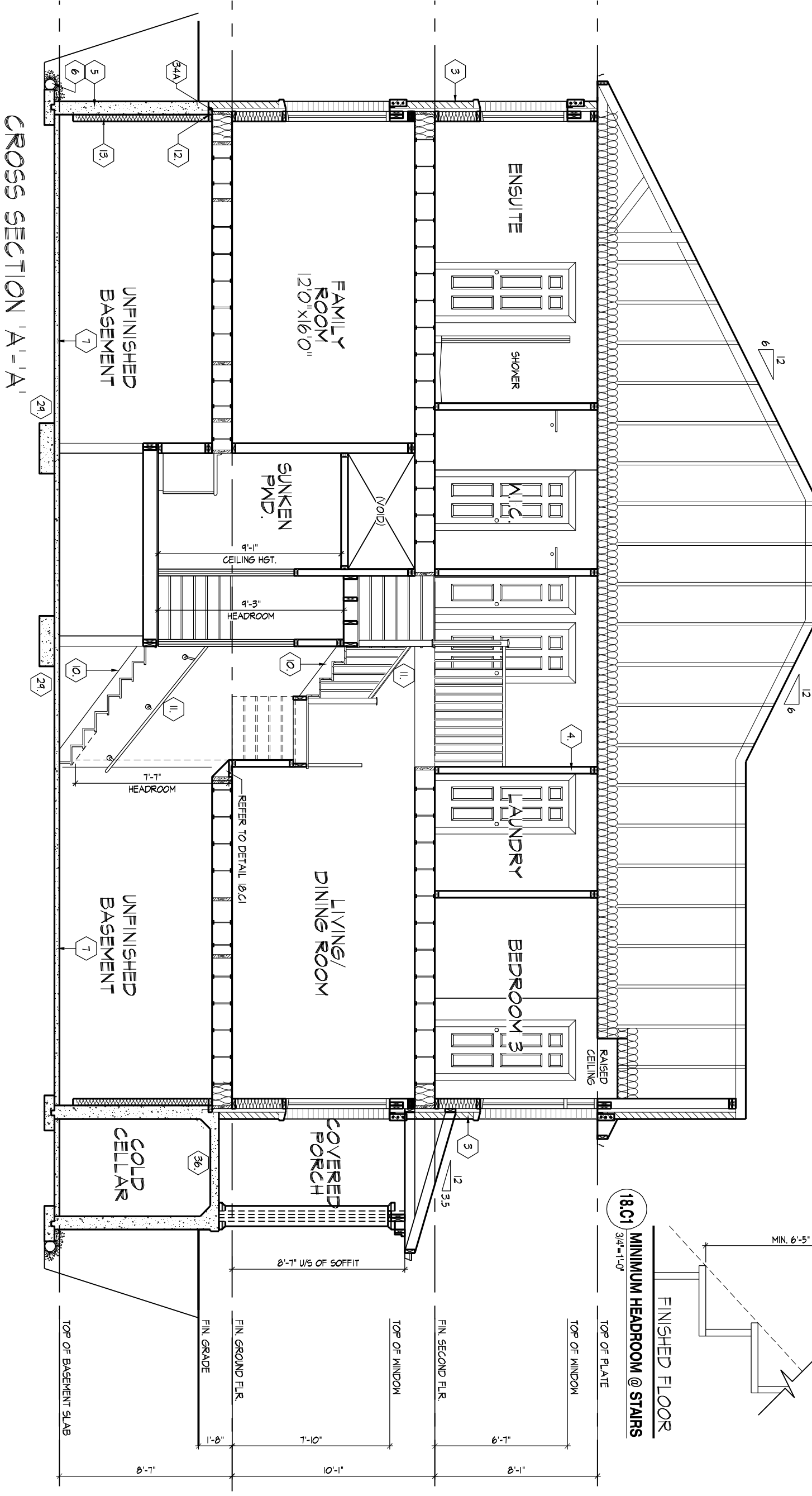
PART. GROUND FLOOR PLAN - W.O.D. CONDITION



PART. BASEMENT PLAN - W.O.D. CONDITION



REAR ELEVATION - W.O.D. CONDITION



CROSS SECTION 'A-A'

THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE CALCULATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE NATIONAL BUILDING CODE OF CANADA (N.B.C.) AND THE CANADIAN COUNCIL OF MINISTERS OF HOUSING (CCM) AND THE CANADIAN COUNCIL OF BUILDERS (CCB) AND THE CANADIAN COUNCIL OF HOMEOWNERS (CCH).

Drawn By: **DRINK R. SIMPSON** 37308  
Checked By: **J.M.C.** 37167  
Scale: **3/16"=1'-0"**  
Date: **21/05/2024**  
Project: **ROYAL PINE HOMES/SUMMER RIDGE ESTATES INC.-216051 UNIT-2304**  
Address: **"MAYFIELD VILLAGE", BRAMPTON, ON.**  
Rev: **REV. 2024.03.14**

DESIGN ASSOCIATES INC. 8866 Woodbine Ave. Markham, ON L3R 0J7 T 905.737.8133 F 905.737.7268  
HUNT DESIGN ASSOCIATES INC. 19605  
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**CROSS SECTION 'A-A' & WALK-OUT DECK CONDITION**

**HUNT**

**ROYAL PINE HOMES/SUMMER RIDGE ESTATES INC.-216051 UNIT-2304**

**"MAYFIELD VILLAGE", BRAMPTON, ON.**

**REV. 2024.03.14**



