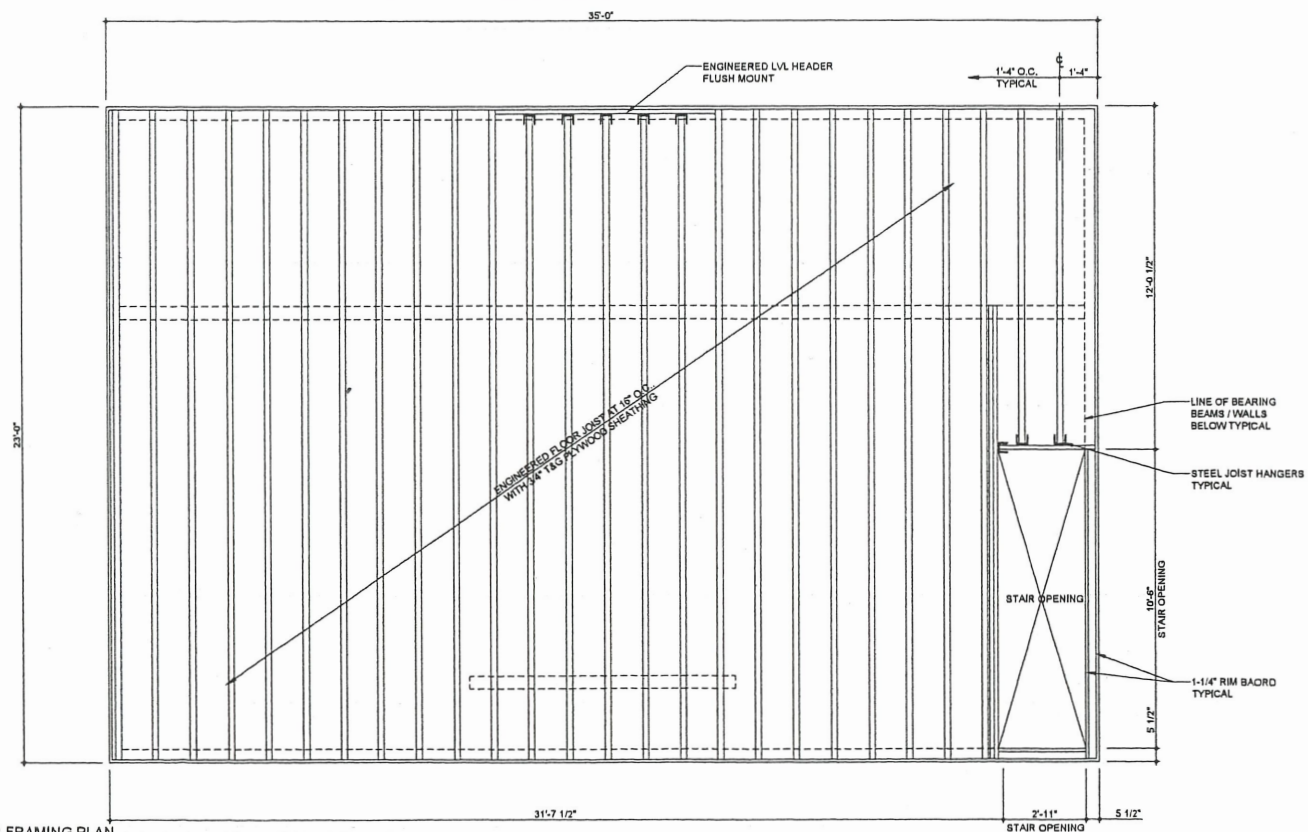
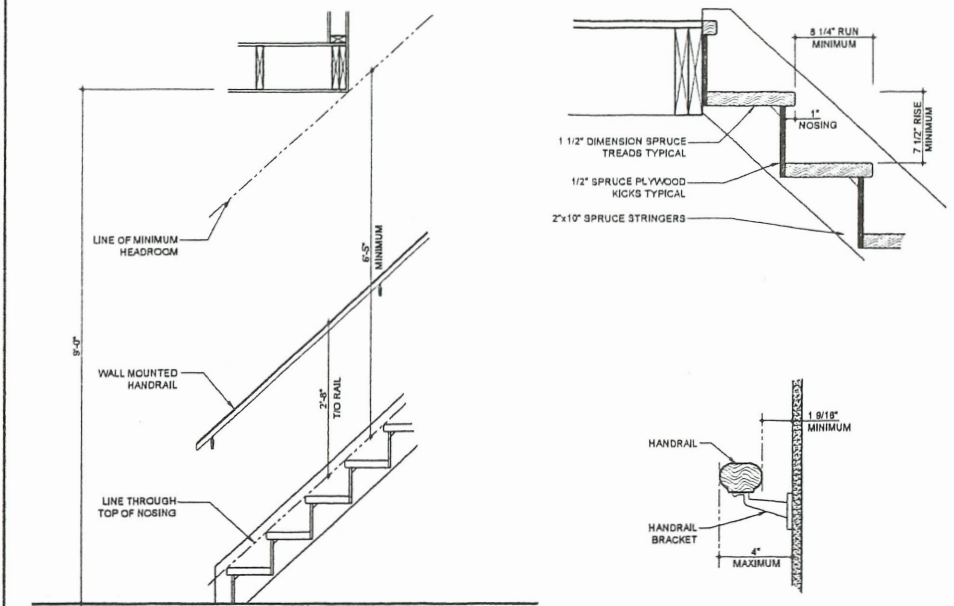


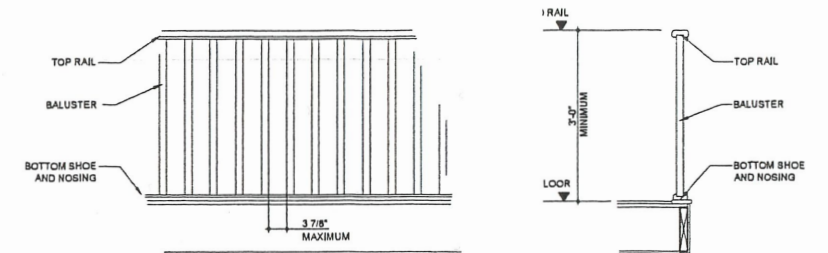
FIRST FLOOR FRAMING PLAN
1/4" = 1'-0"



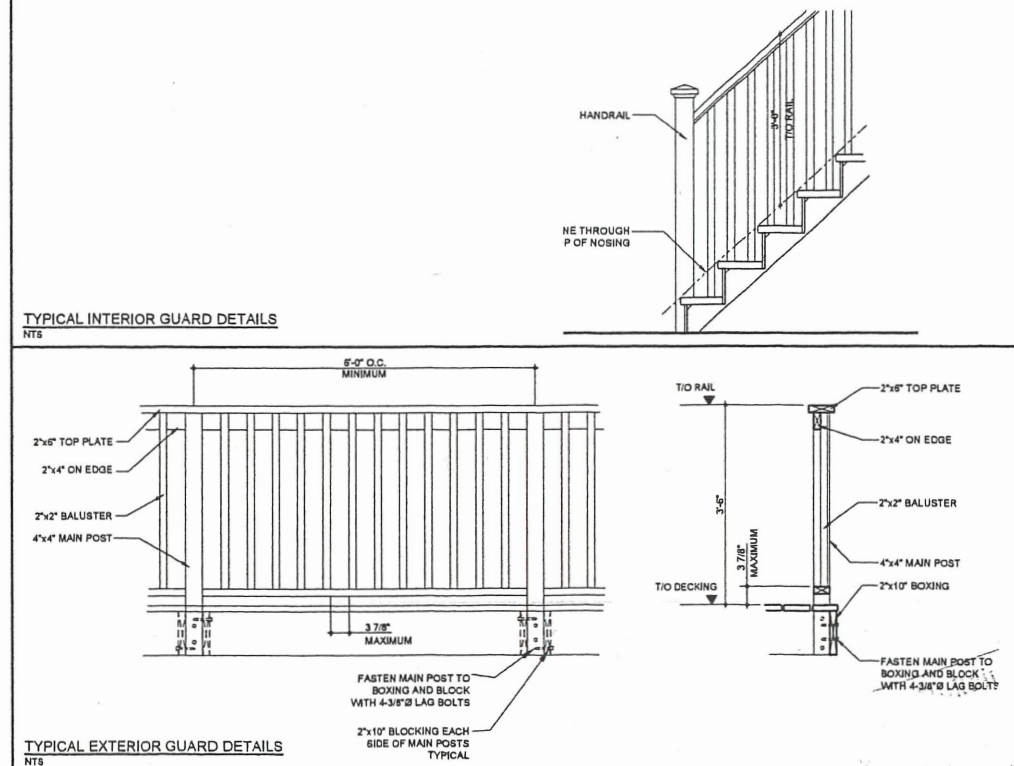
SECOND FLOOR FRAMING PLAN
1/4" = 1'-0"



TYPICAL INTERIOR STAIR DETAILS
NTS

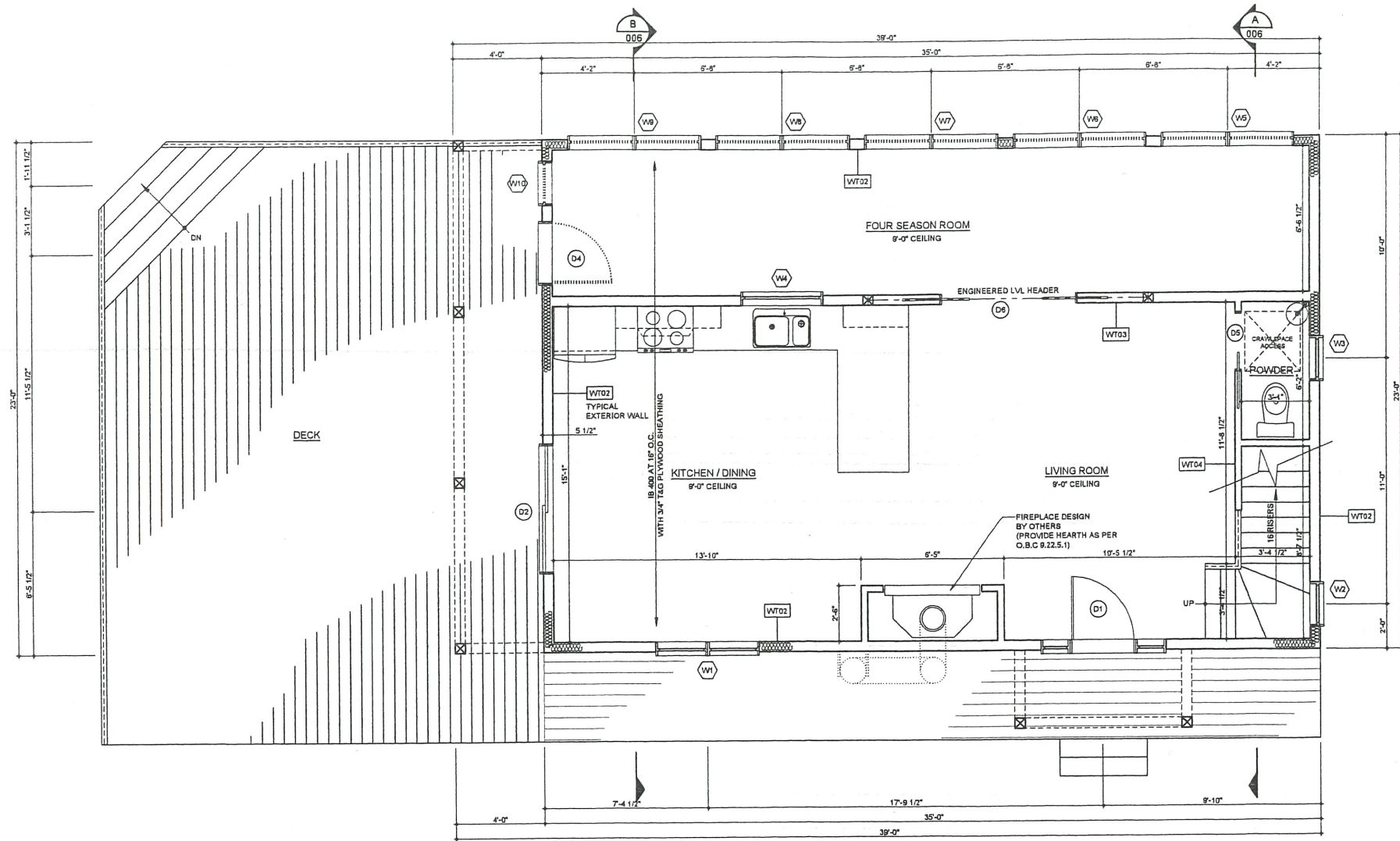


TYPICAL INTERIOR GUARD DETAILS
NTS



TYPICAL EXTERIOR GUARD DETAILS
NTS

LAKE SIDE

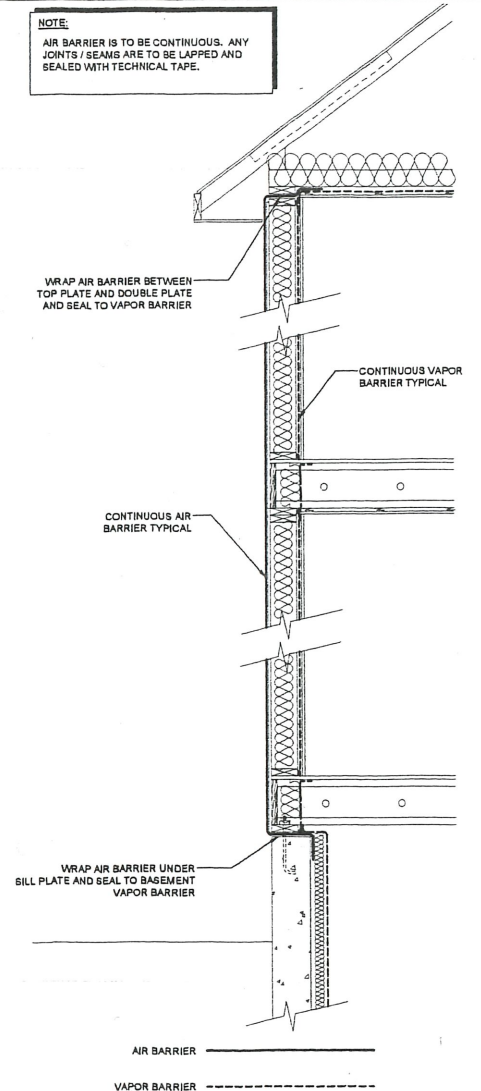


FIRST FLOOR PLAN
1/4" = 1'-0"

WALL SCHEDULE		
MARKER	WALL SECTION	DESCRIPTION
WT01		8" 20 MPa POURED CONCRETE WALL WITH 1/2" ANCHOR BOLTS AT 4'-0" O.C. OFFSET BOLTS 2-3/4" FROM EXTERIOR 1 LAYER DAMP PROOFING 1 LAYER DRAIN CLAD BARRIER R-20 INSULATION WITH VAPOR BARRIER
WT03		1/2" DRYWALL SHEATHING LAYER SUPER 5MIL POLI VAPOR BARRIER 2x4" STUD WALL @ 16" O.C R-22 INSULATION 7/16" O.S.B. SHEATHING LAYER TYPAR HOUSE WRAP PREFINISHED WOOD SIDING
WT04		1/2" DRYWALL SHEATHING 2x4" STUD WALL @ 16" O.C 1/2" DRYWALL SHEATHING
WT05		1/2" DRYWALL SHEATHING 2x4" STUD WALL @ 16" O.C 1/2" DRYWALL SHEATHING

NOTE: IF INSULATING WITH CLOSED CELL FOAM INSULATION SUPER 5MIL POLI VAPOR BARRIER MAY NOT BE REQUIRED

NOTE:
AIR BARRIER IS TO BE CONTINUOUS. ANY JOINTS / SEAMS ARE TO BE LAPPED AND SEALED WITH TECHNICAL TAPE.

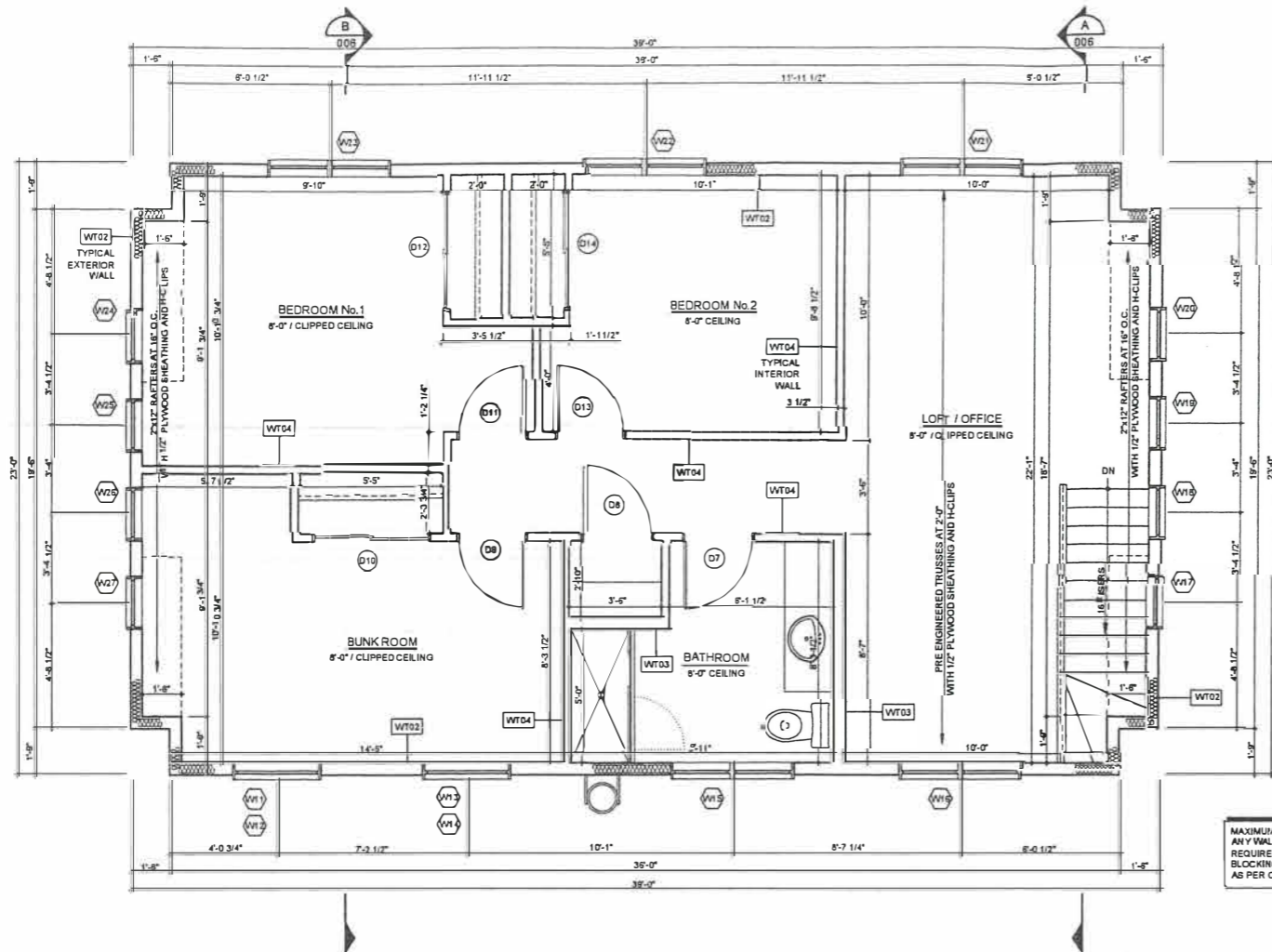


TYPICAL AIR BARRIER / VAPOR BARRIER
1" = 1/2'-0"

DOOR SCHEDULE										
NO.	LOCATION	FROM	TO	ACTION	DOOR SIZE (INCHES)			LINTEL		REMARKS
					WIDTH	HEIGHT	THICK	SIZE	PLY	
D1	EXTERIOR	FOYER	SWING	34	80	1 3/4	2x10	2	BELLA SMOOTH WITH 1'7" SIDE LIGHTS FULL GLASS	
D2	EXTERIOR	DINING AREA	BLD	72	80	1 3/4	2x10	3	ALUMINUM CLAD	
D3	EXTERIOR	CRAWLSPACE	BARN	72	80	1 3/4	ENG	-	DOOR HEIGHT MAY VARY	
D4	EXTERIOR	FOUR SEASON ROOM	SWING	32	96	-	2x10	2	SCREENED DOOR	
D5	LIVING ROOM	POWDER ROOM	POCKET	36	80	1 3/8	2x6	2		
D6	LIVING ROOM	FOUR SEASON ROOM	POCKET	72	80	1 3/8	ENG	-		
D7	CORRIDOR	BATHROOM	SWING	30	80	1 3/8	2x6	2		
D8	CLOSET	CORRIDOR	SWING	30	80	1 3/8	2x6	2		
D9	CORRIDOR	BUNK ROOM	SWING	30	80	1 3/8	2x6	2		
D10	CLOSET	BUNK ROOM	BLD	50	80	1 3/8	2x6	2		
D11	CORRIDOR	BEDROOM No.1	SWING	30	80	1 3/8	2x6	2		
D12	CLOSET	BEDROOM No.1	BLD	50	80	1 3/8	2x6	2		
D13	CORRIDOR	BEDROOM No.2	SWING	30	80	1 3/8	2x6	2		
D14	CLOSET	BEDROOM No.2	BLD	50	80	1 3/8	2x6	2		

WINDOW SCHEDULE										
NO.	LOCATION	SIZE (INCHES)		TYPE	WINDOW			LINTEL		REMARKS
		WIDTH	HEIGHT		MATERIAL	FINISH	GLASS	SIZE	PLY	
W1	DINING AREA	56	80	BLD	VN	BLACK	CLEAR	2x10	2	
W2	STAIRS	24	24	AW	VN	BLACK	CLEAR	2x10	2	
W3	POWDER	24	40	CA	VN	BLACK	CLEAR	2x10	2	
W4	KITCHEN	44	40	SH	VN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W5	FOUR SEASON ROOM	72	75	-	VN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W6	FOUR SEASON ROOM	72	75	-	VN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W7	FOUR SEASON ROOM	72	75	-	VN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W8	FOUR SEASON ROOM	72	75	-	VN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W9	FOUR SEASON ROOM	72	75	-	VN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W10	FOUR SEASON ROOM	24	75	-	VN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W11	BUNK ROOM	40	20	AW	VN	BLACK	CLEAR	2x6	2	TEMPERED GLASS
W12	BUNK ROOM	40	20	AW	VN	BLACK	CLEAR	2x6	2	TEMPERED GLASS
W13	BUNK ROOM	40	20	AW	VN	BLACK	CLEAR	2x6	2	TEMPERED GLASS
W14	BUNK ROOM	40	20	AW	VN	BLACK	CLEAR	2x6	2	TEMPERED GLASS
W15	BATHROOM	56	40	CA	VN	BLACK	CLEAR	2x10	2	
W16	OFFICE	56	40	CA	VN	BLACK	CLEAR	2x10	2	
W17	OFFICE	24	80	TRAP	VN	BLACK	CLEAR	2x10	2	
W18	OFFICE	24	80	CA	VN	BLACK	CLEAR	2x10	2	
W19	OFFICE	24	84	CA	VN	BLACK	CLEAR	2x10	2	
W20	OFFICE	24	40	TRAP	VN	BLACK	CLEAR	2x10	2	
W21	OFFICE	56	48	CA	VN	BLACK	CLEAR	2x10	2	
W22	BEDROOM No.2	56	48	CA	VN	BLACK	CLEAR	2x10	2	
W23	BEDROOM No.1	56	48	CA	VN	BLACK	CLEAR	2x10	2	
W24	BEDROOM No.1	24	80	TRAP	VN	BLACK	CLEAR	2x10	2	
W25	BEDROOM No.1	24	80	CA	VN	BLACK	CLEAR	2x10	2	
W26	BUNK ROOM	24	84	CA	VN	BLACK	CLEAR	2x10	2	
W27	BUNK ROOM	24	40	TRAP	VN	BLACK	CLEAR	2x10	2	

LAKE SIDE



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

MARKER	WALL SECTION	DESCRIPTION
WT01		8" 20 MPa POURED CONCRETE WALL WITH 1/2" ANCHOR BOLTS AT 4'-0" O.C. OFFSET BOLTS 2-3/4" FROM EXTERIOR. 1 LAYER DAMP PROOFING. 1 LAYER DRAIN CLAD BARRIER. R-20 INSULATION WITH VAPOR BARRIER.
WT03		1/2" DRYWALL SHEATHING. LAYER SUPER 6MIL POLI VAPOR BARRIER. 2x6" STUD WALL @ 16" O.C. R-22 INSULATION. 7/16" O.S.B. SHEATHING. LAYER TYRAR HOUSE WRAP. PREFINISHED WOOD SIDING.
WT04		1/2" DRYWALL SHEATHING. 2x6" STUD WALL @ 16" O.C. 1/2" DRYWALL SHEATHING.
WT05		1/2" DRYWALL SHEATHING. 2x4" STUD WALL @ 16" O.C. 1/2" DRYWALL SHEATHING.

NOTE: IF INSULATING WITH CLOSED CELL FOAM INSULATION SUPER 6MIL POLI VAPOR BARRIER MAY NOT BE REQUIRED

ENERGY EFFICIENCY COMPLIANCE

ZONE 1

THE GROSS AREA OF GLAZING RATIO TO GROSS AREA OF EXTERIOR WALL IS UNDER 17%.

EFFICIENT COMPLIANCE SHALL CONFORM TO TABLE 2.1.1.2.A PACKAGE 1

CEILING WITH ATTIC SPACE	R-50
MINIMUM R-VALUE	
CEILING WITHOUT ATTIC SPACE	R-31
MINIMUM R-VALUE	
EXPOSED FLOOR	R-31
MINIMUM R-VALUE	
WALLS ABOVE GRADE	R-22
MINIMUM R-VALUE	
BASEMENT WALLS	R-20
MINIMUM R-VALUE	
BELOW GRADE SLAB ENTIRE SURFACE > 500mm BELOW GRADE	
MINIMUM R-VALUE	
EDGE OF BELOW GRADE SLAB < 500mm BELOW GRADE	R-10
MINIMUM R-VALUE	
HEATED SLABS SLAB < 500mm BELOW GRADE	R-10
MINIMUM R-VALUE	
WINDOWS AND SLIDING DOORS	1.5
MAXIMUM U-VALUE	
SKYLIGHTS	2.8
MAXIMUM U-VALUE	
SPACE HEATING EQUIPMENT	84%
MINIMUM AFUE	
HRV	
MINIMUM EFFICIENCY	55%
DOMESTIC HOT WATER HEATING	
MINIMUM EF	0.62

DOOR SCHEDULE

NO.	LOCATION	TO	ACTION	DOOR SIZE (INCHES)			LITEL		REMARKS
				WIDTH	HEIGHT	THICK	SIZE	PLY	
D1	EXTERIOR	POYER AREA	SWING	34	80	1.34	2x10	2	BELLA SMOOTH WITH 1" SIDE LIGHTS FULL GLAZE
D2	EXTERIOR	OWNING AREA	BLD	72	80	1.34	2x10	2	ALUMINUM CLAD
D3	EXTERIOR	CLAW SPACE	SWING	72	80	1.34	2x10	2	DOOR HEIGHT MAY VARY
D4	EXTERIOR	FOUR SEASON ROOM	SWING	32	88	-	2x10	2	SCREENED DOOR
D5	LIVING ROOM	POWDER ROOM	POCKET	36	80	1.38	2x8	2	
D6	LIVING ROOM	FOUR SEASON ROOM	POCKET	72	80	1.38	2x8	2	
D7	CORRIDOR	BATHROOM	SWING	36	80	1.38	2x8	2	
D8	CLOSET	CORRIDOR	SWING	36	80	1.38	2x8	2	
D9	CORRIDOR	BUNK ROOM	SWING	36	80	1.38	2x8	2	
D10	CLOSET	BUNK ROOM	BLD	36	80	1.38	2x8	2	
D11	CORRIDOR	BEDROOM No.1	SWING	36	80	1.38	2x8	2	
D12	CLOSET	BEDROOM No.1	BLD	36	80	1.38	2x8	2	
D13	CORRIDOR	BEDROOM No.2	SWING	36	80	1.38	2x8	2	
D14	CLOSET	BEDROOM No.2	BLD	36	80	1.38	2x8	2	

WINDOW SCHEDULE

NO.	LOCATION	SIZE (INCHES)		TYPE	MATERIAL	FINISH	GLASS	LITEL		REMARKS
		WIDTH	HEIGHT					SIZE	PLY	
W01	OWNING AREA	36	80	SLD	WN	BLACK	CLEAR	2x10	2	
W02	STAIRS	24	34	AW	WN	BLACK	CLEAR	2x10	2	
W03	POWDER	34	46	CA	WN	BLACK	CLEAR	2x10	2	
W04	KITCHEN	44	46	SH	WN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W05	FOUR SEASON ROOM	72	75	-	WN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W06	FOUR SEASON ROOM	72	75	-	WN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W07	FOUR SEASON ROOM	72	75	-	WN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W08	FOUR SEASON ROOM	72	75	-	WN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W09	FOUR SEASON ROOM	72	75	-	WN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W10	FOUR SEASON ROOM	24	75	-	WN	BLACK	CLEAR	2x10	2	SCREENED WINDOW
W11	BUNK ROOM	40	30	AW	WN	BLACK	CLEAR	2x8	2	TEMPERED GLASS
W12	BUNK ROOM	40	30	AW	WN	BLACK	CLEAR	2x8	2	TEMPERED GLASS
W13	BUNK ROOM	40	30	AW	WN	BLACK	CLEAR	2x8	2	TEMPERED GLASS
W14	BUNK ROOM	40	30	AW	WN	BLACK	CLEAR	2x8	2	TEMPERED GLASS
W15	BATHROOM	34	46	CA	WN	BLACK	CLEAR	2x10	2	
W16	OFFICE	36	40	CA	WN	BLACK	CLEAR	2x10	2	
W17	OFFICE	34	40	TRAP	WN	BLACK	CLEAR	2x10	2	
W18	OFFICE	34	40	CA	WN	BLACK	CLEAR	2x10	2	
W19	OFFICE	34	40	CA	WN	BLACK	CLEAR	2x10	2	
W20	OFFICE	34	40	TRAP	WN	BLACK	CLEAR	2x10	2	
W21	OFFICE	36	44	CA	WN	BLACK	CLEAR	2x10	2	
W22	BEDROOM No.2	36	44	CA	WN	BLACK	CLEAR	2x10	2	
W23	BEDROOM No.1	36	44	CA	WN	BLACK	CLEAR	2x10	2	
W24	BEDROOM No.1	34	60	TRAP	WN	BLACK	CLEAR	2x10	2	
W25	BEDROOM No.1	34	60	CA	WN	BLACK	CLEAR	2x10	2	
W26	BUNK ROOM	34	84	CA	WN	BLACK	CLEAR	2x10	2	
W27	BUNK ROOM	34	80	TRAP	WN	BLACK	CLEAR	2x10	2	