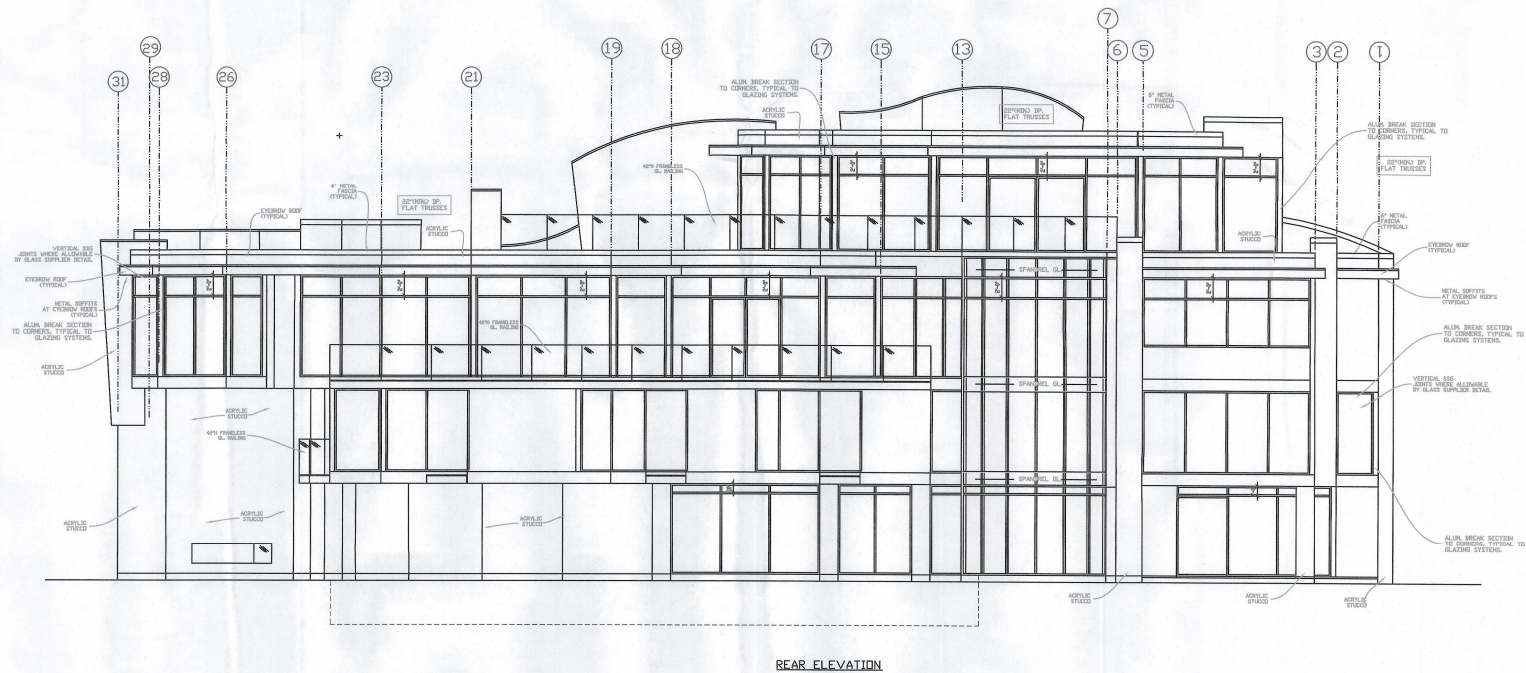
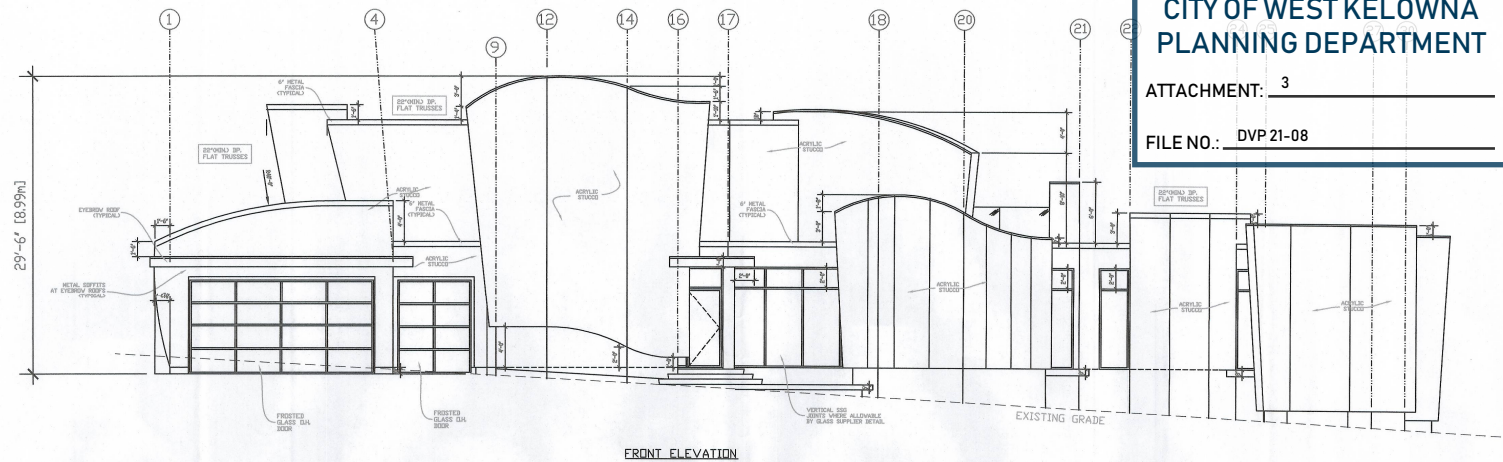




H.R.V. INSTALLED

STUCCO (TYPICAL ABOVE GRADE)		COMPONENTS		EFF. RSI-VALUE
		1/2" GYPSUM BOARD	0.05	0.05
		STUCCO ON METAL LATH	0.02	0.02
		8 LAYERS OF 1/2" INSULATING PAPER	0.00	0.00
		7/16" POLYSTYRENE INSULATION	0.02	0.02
		5/8" FIBERGLASS 15' R/C FILLER WITH ROV BATT	0.06	0.06
		1/2" POLY. FIBER INSULATION	0.00	0.00
		1/2" GYPSUM BOARD	0.05	0.05
		1/2" GYPSUM BOARD	0.05	0.05
		1/2" GYPSUM BOARD	0.05	0.05
		1/2" GYPSUM BOARD	0.05	0.05
EFFECTIVE RSI / R VALUE OF ENTIRE ASSEMBLY			0.87	0.87
NORMAL VALUE DISCOUNTING AN HRV				17.02

INTERIOR PARTITION WALL (TYPICAL)

COMPONENTS	
1/2" GYPSUM BOARD	
2x4x8 FRAMER @ 16" OC	
1/2" GYPSUM BOARD	

The diagram shows a cross-section of a wall with a central cavity. On the left, a circle labeled 'WP' points to the wall. The wall consists of two vertical layers of 1/2" gypsum board, a central 2x4x8 framer at 16" OC, and another layer of 1/2" gypsum board on the right. The wall is shown in a perspective view with arrows indicating the direction of the wall's extent.

GARAGE VAIL TO INTERIOR (UNCONDITIONED SPACE)		
COMPONENTS	U-Factor	RSI (R-Value)
AIR FILM OUTSIDE	0.03	0.17
1/2" COPPER INSULATION	0.00	0.03
15% FIBERGLASS 3 1/2" O.C. FILLED WITH RAY BATT	0.06	0.16
1/2" POLY. VAPOR BARRIER	0.00	0.00
1/2" COPPER INSULATION	0.00	0.03
AIR FILM OUTSIDE	0.02	0.06
EFFECTIVE RSI / U-FACTOR OF EXPOSED SURFACE		
UNFACED RSI VALUE INCORPORATING AIR MOV.	0.07	0.67
TOTAL RSI/ U-FACTOR FACTOR (R-0.93/0.42)	0.90	0.50

**UNHEATED FLOORS ABOVE FROST LINE
WITH INSULATION ON FROST WALL
(TYPICAL)**

COMPLEMENTS	EFF. RES.	U-VALUE
4" DENSICOR SLAB @ 28 WPI	-	-
5 MIL. POLY. VAPOR BARRIER	-	-
1" SOL. BR. FIBERGLASS LAYER, TYPICALLY A CONCRETE CLEAN GROUT VAPOR BARRIER	-	-
8" CONCRETE FIBERGLASS FILL	-	-
1/2" INS. SHEET OPERATOR 1 FIBERGLASS 1 FIBERGLASS 1/2" DENSICOR VAPOR BARRIER	0.03	0.03
1" SOL. BR. FIBERGLASS LAYER, TYPICALLY A CONCRETE CLEAN GROUT VAPOR BARRIER	1.06	1.06

THERMAL BREAK BOX OF
THE ROOFING INSULATION
SYSTEM

[illegible]

FOUNDATION WALL (TYPICAL)

COMPONENTS	EFF. RES	R-VALUE
SNAP FLOORING	0.01	0.01
4" CONCRETE FOUNDATION WALL	0.01	0.45
1/2" AIR SPACE	0.06	0.91
2X4 FRAMING @ 24" O.C. FILLED WITH RIGID INS.	0.70	15.50
4" RIGID POLY. WOUND BARRIER	0.01	0.01
1/2" O.D. (HOLE) RIGID INS.	0.01	0.45
1/2" AIR SPACE	0.06	0.91
12" O.D. (HOLE) RIGID INS.	0.01	0.45
STYPIC RES. 7.5 (R-VALUE OF OUTSIDE ASSEMBLY)	0.04	0.50
MODERN RES. VALUE (INTEGRATING AN INS.)	0.01	16.00

COMPONENTS	EFF. RES.	R-VALUE
ASH FLM GYDRODOME	6.88	1.07
EXPOSED BRICK 8IN BOTTOM CORG CAVITY	1.06	11.31
8-IN INSULATION	4.02	27.07
6 MIL. PLY VAPOR BARRIER	0.09	0.01
1/2" GYPSUM BOARD	0.08	0.45
ASH FLM GYDRODOME	5.51	0.62
OVERLAP RES + R VALUE OF EXPOSED ASSEMBLY	7.50	39.21
MINIMUM R-VALUE RECOMMENDING AIR SEAL	6.54	28.63

ROOFING CONTRACTOR TO CONFIRM DESIGN

COMPONENTS	EFF. RES.	R-VALUE
AIR FILM OUTDOOR	0.06	0.91
WEATHER PROOF MEMBRANE	0.00	0.00
7/16" TWO PLYWOOD SHEATHING (GLUE) AND NAILS	0.11	0.62
500 ENGINEERED DECK JOIST @ 16" O.C. WITH 1/2" R-8 INSULATION	4.90	27.02
6 MIL. POLY VAPOR BARRIER	0.00	0.00
1/2" GYPSUM BOARD	0.06	0.43
AIR FILM OUTDOOR	0.03	0.17
EFFECTIVE RES / R VALUE OF ENTIRE ASSEMBLY WINDHAM RES VALUE NOT INCORPORATING AIR MOV	5.20 4.67	30.00 26.5

INTERIOR FLOOR CONSTRUCTION (TYPICAL)

COMPONENTS
FINISHED FLOORING
1/4" UNGRAVELLED CEMENT-ASPH OR ENGLAND
8 #4 VERTICAL TIE LOCATIONS
8" x 8" PLATED SHEARING PLATES AND BOLTS
CONCRETE REINFORCED FLOOR SYSTEM
1/2" SPIDER ROADS TO ALL FINISHED AREAS

[illegible]

F-4	COMMENTS	EFF. RSI	R-VALUE
	ENG. ICE CONCRETE GLAZ	"	"
	TYPICAL OF HORIZONTAL CUT	"	"
	ENGINEERED DESIGNED FLOOR SYSTEM	"	"
	SPONGE SPRAY FOAM INSULATION	4.07	15.95
	1/2" GYPSUM BOARD	0.06	0.45
	EFFECTIVE RSI / R VALUE OF ENTIRE ASSEMBLY	4.65	16.41
	HORIZONTAL RSI VALUE NET INCORPORATING AN HRV	4.67	16.52
	TOTAL HEAT LOSS REDUCTION (TABLE A-2-26.2.4.6)	4.01	15.61

COMPONENTS

- #1 CONCRETE SLAB 8 TO 10" THK.
- 4 MIL. POLY VAPOUR BARRIER
- FROM THE FIBREBOARD LAYER (TYPICALLY A CONCRETE CLEAN GRANULAR MATERIAL)
- #1 COMPLETED GRANULAR FILL

Notes:

1. THIS FIBRE BOARD PROVIDED FOR SOLID-25 FIBRE A BARRIER AGAINST PERMEATION. IT DOES NOT REQUIRE INSTALLATION OF A BARRIER VAPOUR FIBRE BOARD THROUGH AND THROUGHOUT THE BARRIER.

Diagram illustrating the components of a pile cap. The cap is shown as a rectangular structure supported by multiple piles. The diagram includes a cross-section view and a plan view. Key components labeled include:

- COMPONENTS**
- 1.2" DRIFT FOR DESIGN DENSITY = 3.2 G/G**
- F-6**

COMPLEMENTS	
VEATED PROF. HERRINGE	
5/8" T&S PLATED SHEATHING GLUES AND BORED	
FOR DESIGNED B&C 20ST & 5" O.C.	
VERTED ALONG 10FT	

H.R.V. INSTALLED

