

CONTINUOUS WHOLE BUILDING VENTILATION

$4034/1036 \times 2.27/100 \times (3-1) \times 7.5 = 51 \text{ CFM}$

19) R402.4.1.2 Testing. The building or dwelling unit shall be tested and verified as having an air leakage rate not exceeding 4 air changes per hour (ACH) in Climate Zones 4 and 5. The building or dwelling unit shall be provided with a whole-house mechanical ventilation system as designed in accordance with Section R403.5. Testing shall be conducted with a blower door at a pressure of 0.2 inches w.g. (50 Pascals). When required by the code official, a testing shall be conducted by an approved third party. A written report of the results of the test, indicating the ACH, shall be signed by the party conducting the test and provided to the code official. Testing shall be performed at any time after all penetrations of the building thermal envelope have been sealed.

20) R403.5.3 Whole-house Mechanical Ventilation System. Whole-house mechanical ventilation systems shall be designed in accordance with Sections R403.5.4 through R403.5.6.

21) R403.5.4 System Design. The whole-house ventilation system shall consist of one or more supply or exhaust fans, or a combination, and associated ducts and controls. Local exhaust or supply fans are permitted to serve as such a system. Outdoor air ducts connected to the return side of an air handler shall be considered to provide supply ventilation.

22) R403.5.5 System Controls. The whole-house mechanical ventilation system shall be provided with controls that enable manual override.

23) R403.5.6 Mechanical Ventilation Rate. The whole-house mechanical ventilation system shall provide outdoor air at a continuous rate of not less than that determined with Table R403.5.6(1).
Exception: The whole-house mechanical ventilation system is permitted to operate intermittently when the system has been tested to operate for not less than 25 percent of each 4-hour segment and the ventilation rate prescribed in Table R403.5.6(1) is multiplied by the factor determined in accordance with Table R403.5.6(2).

TABLE R403.5.6(1) CONTINUOUS WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM AIRFLOW RATE REQUIREMENTS

FLOOR AREA (Square Feet)	NUMBER OF BEDROOMS	MINIMUM AIRFLOW (CFM)
0 - 1,500	0 - 4	5
1,501 - 3,000	5 - 7	7.5
3,001 - 4,500	8 - 10	10
4,501 - 6,000	11 - 13	12.5
6,001 - 7,500	14 - 15	15
> 7,500	16 - 150	15

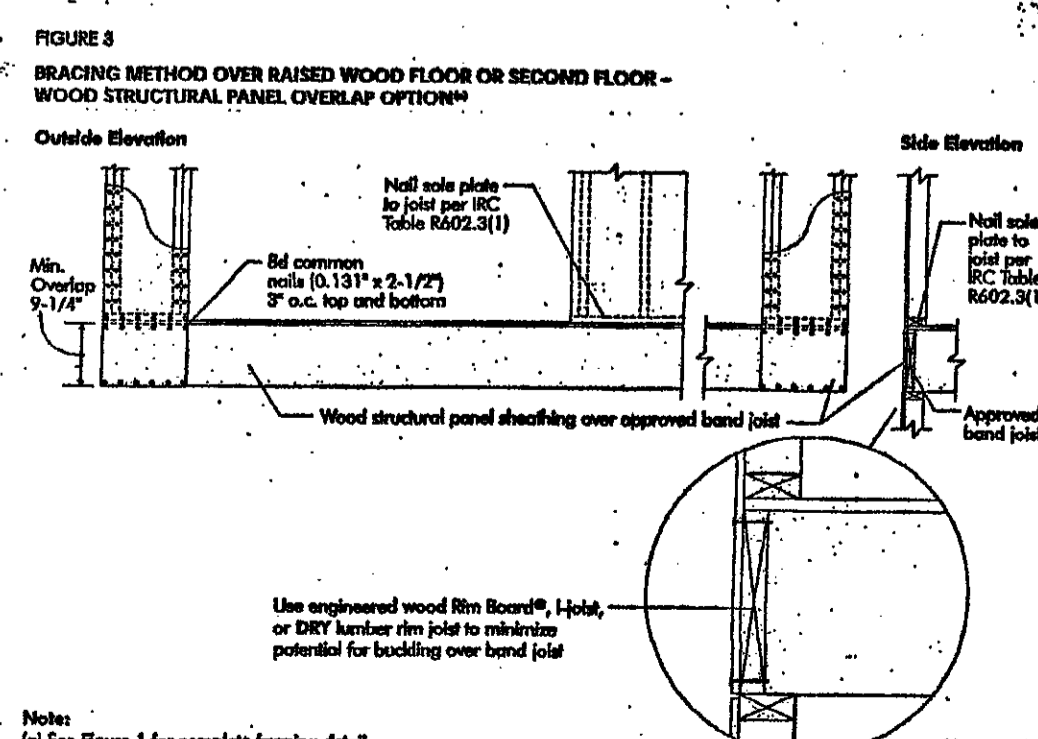
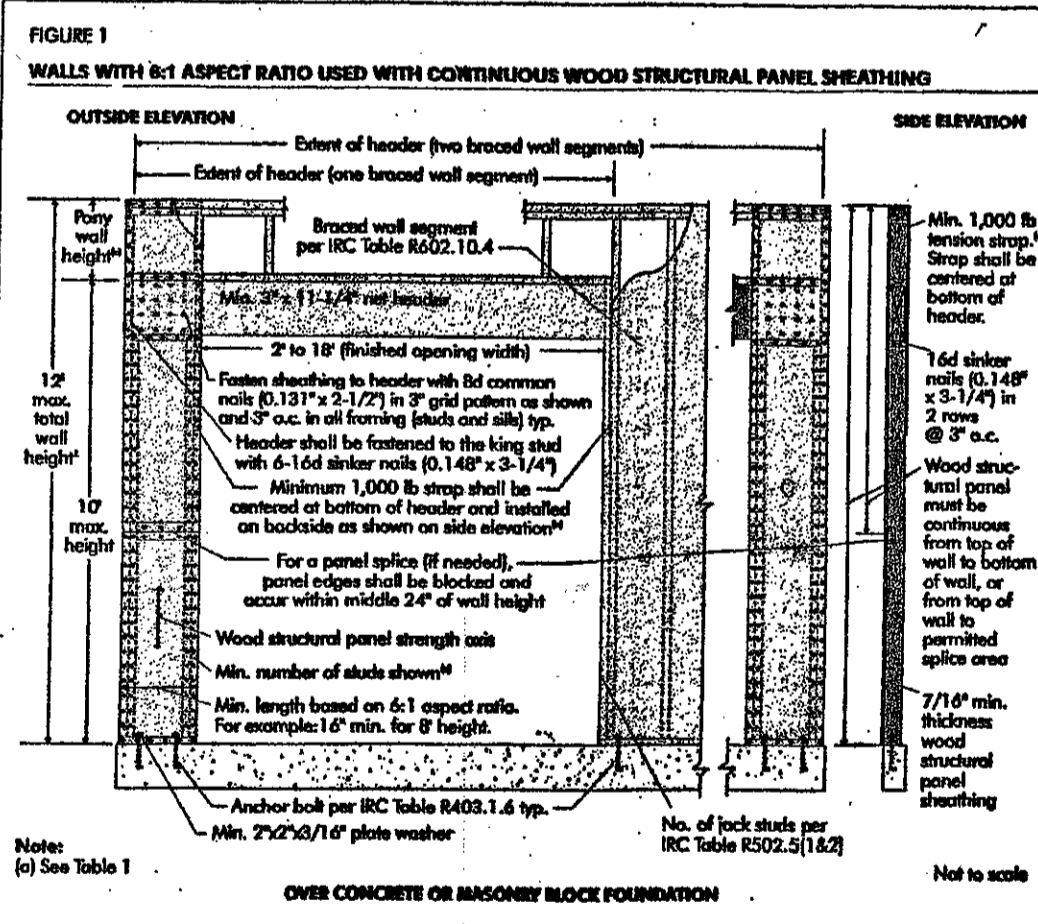
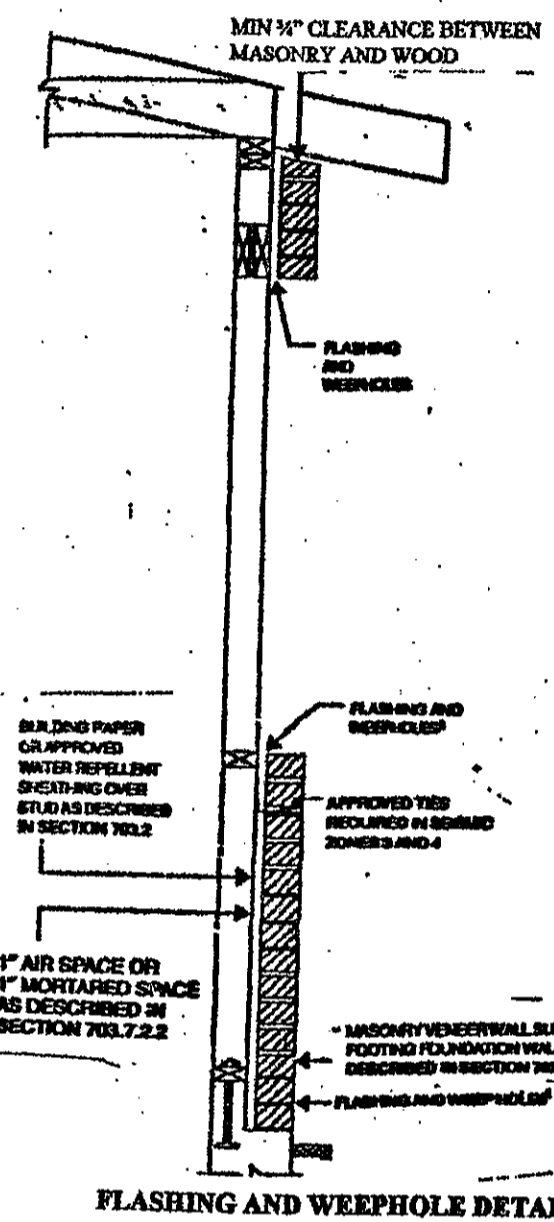
For St: 1 square foot = 0.0929 m², 1 cubic foot per minute = 0.0004719 m³/s.

TABLE R403.5.6(2) INTERMITTENT WHOLE-HOUSE MECHANICAL VENTILATION RATE FACTORS, F

Air Segment	Factor
1 - 2	0.75
3 - 4	0.75
5 - 6	0.75
7 - 8	0.75
9 - 10	0.75
11 - 12	0.75
13 - 14	0.75
15 - 16	0.75
17 - 18	0.75
19 - 20	0.75
21 - 22	0.75
23 - 24	0.75
25 - 26	0.75
27 - 28	0.75
29 - 30	0.75
31 - 32	0.75
33 - 34	0.75
35 - 36	0.75
37 - 38	0.75
39 - 40	0.75
41 - 42	0.75
43 - 44	0.75
45 - 46	0.75
47 - 48	0.75
49 - 50	0.75
51 - 52	0.75
53 - 54	0.75
55 - 56	0.75
57 - 58	0.75
59 - 60	0.75
61 - 62	0.75
63 - 64	0.75
65 - 66	0.75
67 - 68	0.75
69 - 70	0.75
71 - 72	0.75
73 - 74	0.75
75 - 76	0.75
77 - 78	0.75
79 - 80	0.75
81 - 82	0.75
83 - 84	0.75
85 - 86	0.75
87 - 88	0.75
89 - 90	0.75
91 - 92	0.75
93 - 94	0.75
95 - 96	0.75
97 - 98	0.75
99 - 100	0.75

Factor F = 1.0 for all other air segments.

1. For ventilation systems run time values between those given, the factors are permitted to be determined by extrapolation beyond the table is prohibited.



FIRE AND DRAFT STOPPING NOTES:
FIRESTOPPING AROUND ALL OPENINGS AROUND VENTS, PIPES, DUCTS, ETC., WITH NON-COMBUSTIBLE MATERIAL SHALL BE BY RIGID JOINT COMPOUND OR FIRESTOP TYPE CAULKING.
WATER RESISTANT 1/2\"/>

INSULATION NOTE:
ANY EXPOSED INSULATING MATERIALS INCLUDING FACIORS SHALL HAVE A FLAME SPREAD INDEX NOT TO EXCEED 25 WITH AN ACCOMPANYING SMOKE DEVELOPED INDEX NOT TO EXCEED 450.

2018 ENERGY CONSERVATION CODE

2018 Illinois Energy Conservation Code: As the 2018 International Energy Conservation Code (IECC) as adopted by the Board of Illinois Energy Conservation (as recommended by the Board of Illinois Energy Conservation) with amendments, modifications, and deletions, shall be the minimum compliance for all buildings that meet the minimum compliance of the Illinois Energy Conservation Code. The minimum compliance shall be determined by the submission of a compliance certificate generated by the U.S. Department of Energy's REScheck code compliance tool or 1) a comparable compliance materials that meet or exceed, as determined by the U.S. Department of Energy's REScheck code compliance tool; or 2) a permanent certificate of compliance (Mandatory); a permanent certificate of compliance shall be posted on or in the electrical distribution panel, electrical service inspection is completed which provides the types and efficiencies of heating, cooling and water heating equipment. This must be completed by the building or registered design professional as required by the U.S. Department of Energy's REScheck code compliance tool or 3) TABLE 402.1.1 INSULATION AND PENETRATION CRITERIA Prescriptive. The building thermal envelope shall meet the requirements of Table 402.1.1.

TABLE 402.1.1 MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE

TYPE OR LOCATION OF CONCRETE CONSTRUCTION	Bars
Basement walls, foundations and other concrete not exposed to the weather	2,500*
Basement slabs and interior slabs on grade, except garage floor slabs	2,500*
Basement walls, foundation walls, exterior walls and other vertical concrete work exposed to the weather	3,000*
Porch, ramp slabs and steps exposed to the weather; and garage floor slabs	3,500**

DUCT CONSTRUCTION - R163
PROVIDE A DETAIL INDICATING LOCATION AND SIZE OF RETURN LINES FOR BOTH SUPPLY AND RETURN FOR EACH PURCHASE TO BE INSTALLED ACCORDING TO MANUFACTURER'S SUBMITTED LIST R-VALUES OF INSULATION FOR ANY DUCTS OUTSIDE CONDITION SPACE.

DRAFTSTOPPING REQUIRED IRC R602.12
INSTALL 1/2\"/>

DUCT INSULATION - IRC N1103.2.1
EXCEPT WHERE THERE ARE DUCTS OR PORTIONS THEREOF ARE LOCATED COMPLETELY INSIDE THE THERMAL ENVELOPE, SUPPLY AND RETURN DUCTS SHALL BE INSULATED TO A MINIMUM OF R-6. DUCTS IN FLOOR TRUSSES SHALL BE INSULATED TO A MINIMUM OF R-6.

WINDOW INSTALLATION INSTRUCTIONS R610.1
WINDOW INSTALLATION INSTRUCTIONS FROM MANUFACTURER TO BE ON SITE FOR INSPECTION

FIELD VERIFY CODE COMPLIANT FIRESTOPPING IS PROVIDED AT THE FOLLOWING LOCATIONS:
A. CONCEALED SPACES OF STUDS, WALLS, AND PARTITIONS, INCLUDING FURRED SPACES, AT THE CEILING AND FLOOR LEVELS.
B. ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING, COVE CEILING, ETC.
C. CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN.
D. OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES CEILING AND FLOOR LEVELS, WITHOUT NON-COMBUSTIBLE MATERIALS.

RETURN AIR AND SUPPLY AIR - R164
PROVIDE A COMPLETE MECHANICAL PLAN SHOWING SUPPLIES AND RETURN

5) IECC Table 402.1.1 INSULATION AND PENETRATION REQUIREMENTS

Table 402.1.1 (N1102.1.1) Insulation and Penetration Requirements by Component

Climate Zone	Fenestration U-Factor*	Skylight† U-Factor*	Ceiling R-Value	Wall R-Value	Floor R-Value	Basement† Wall R-Value	Slab† R-Value‡	Roof R-Value
5	.30	.55	49	20 or 15†	13/17	30*	10/13-Full 15/19-4	10/2R
U-Value	.30	.55	0.026	0.060	0.082	0.033	0.039	0.055

706 °	Elevation
41	Latitude
-1	Winter Heating
91	Summer Cooling
0	Altitude Correction Factor
72 degree F Maximum	Indoor Design Temperature
75 degree F Minimum	Design Temperature - Cooling
73 degrees F	Heating Temperature Difference
16 degrees F	Cooling Temperature Difference
8.4 mph**	Wind Velocity Heating
5.7 mph**	Wind Velocity Cooling
76	Coincident Wet Bulb
Medium (16-25 degree)	Daily Range
30%	Winter Humidity
50%	Summer Humidity

CARBON MONOXIDE DETECTORS

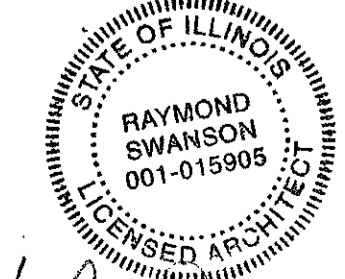
CARBON MONOXIDE DETECTOR TO BE PROVIDED WITHIN 15'-0" (FIFTEEN FEET) OF EACH BEDROOM OR SLEEPING ROOM. CARBON MONOXIDE DETECTORS SHALL RECEIVE THEIR POWER FROM THE COMMERCIAL COURSE AND SHALL BE EQUIPPED WITH A BATTERY BACKUP. CARBON MONOXIDE DETECTOR SHALL HAVE A SIGNAL WHEN THE BATTERIES ARE LOW. WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THAN AS REQUIRED FOR OVER-CURRENT PROTECTION. DETECTOR TO BE ON DEDICATED CIRCUIT.

TABLE 301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

30	Ground Snow Load	Wind Design
115 mph (nominal design 3-second gust, wind speed)	Speed (mph)	
No	Topographic Effects	Subject to Damage From
No	Special Wind Region	
No	Windborne Debris Zone	Subject to Damage From
A	Seismic Design Category	
Severe	Weathering	Subject to Damage From
42 inches	Frost Line Depth	
Moderate to Heavy	Termites	Subject to Damage From
-4 degrees F	Winter Design Temp	
Yes	Ice Barrier Underlayment Required	Subject to Damage From
Refer to Local Ordinance	Flood Hazard	
1655	Air Freezing Index	Subject to Damage From
48.7 degrees F	Mean Annual Temperature	

Point	Description	Result		
A	Datum Point (average elevation of both property lines at front setback)	687.0		
	Elevation #1 (used above front setback)	687.0		
	Elevation #2 (used above at front setback)	687.0		
Segment	Description	Result		
GI	Height of Roof (bottom of ceiling joist or top of plat to tallest peak)	13.4		
AG	Mean Height AG + (5 * GI)	27.63		
AC	Datum Point to Basement Ceiling	2.13		
AD	Datum Point to 1st Story Finished Floor	3.15		
AB	Height of Foundation	2.0		
BC	Height of Knee Wall above Foundation	1.5		
DF	Height of 1st Story (bottom of floor joist to bottom of ceiling joist)	10.0		
FH	Height of 2nd Story (bottom of floor joist to bottom of ceiling joist)	9.0		
AI	Peak Height	34.63		
Column	Description	4034	4036	Result
1	Footprint of Principle Structure	1874	1874	3756
2	Footprint of Detached Garage			
3	Total Lot Square Footage			12212
4	Building Coverage = (column 1 + column 2)/column 3			30.6
5	Gross Square Footage of Basement (Finished)			
6	Gross Square Footage of Basement (Unfinished)	1260	1260	2520
7	Gross Square Footage of 1st Floor	1400	1400	2800
8	Gross Square Footage of Garage (attached)	460	460	920
9	Gross Square Footage of Enclosed Porches	19	19	38
10	Gross Square Footage of 2nd Floor	1321	1321	2642
11	Gross Square Footage of any 1/2 Story			

INDEX:
C-1 - COVER SHEET
SH 1 - ELEVATIONS
SH 2 - ELEVATIONS
SH 3 - FIRST FLOOR PLAN, DETAILS
SH 4 - SECOND FLOOR PLAN, ROOF PLAN
SH 5 - FOUNDATION PLAN, DETAILS
SH 6 - WALL SECTIONS, DETAILS



REVISIONS

NO.	DATE	DESCRIPTION
5-4-2020		PERMIT
2-10-2021		PERMIT
8-18-2021		PERMIT
11-5-2021		DATUM POINT
12-20-2021		MEAN HT

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4034 AND 4036 ASHWOOD PARK
COURT

CRESTVIEW BUILDERS
630-922-0511

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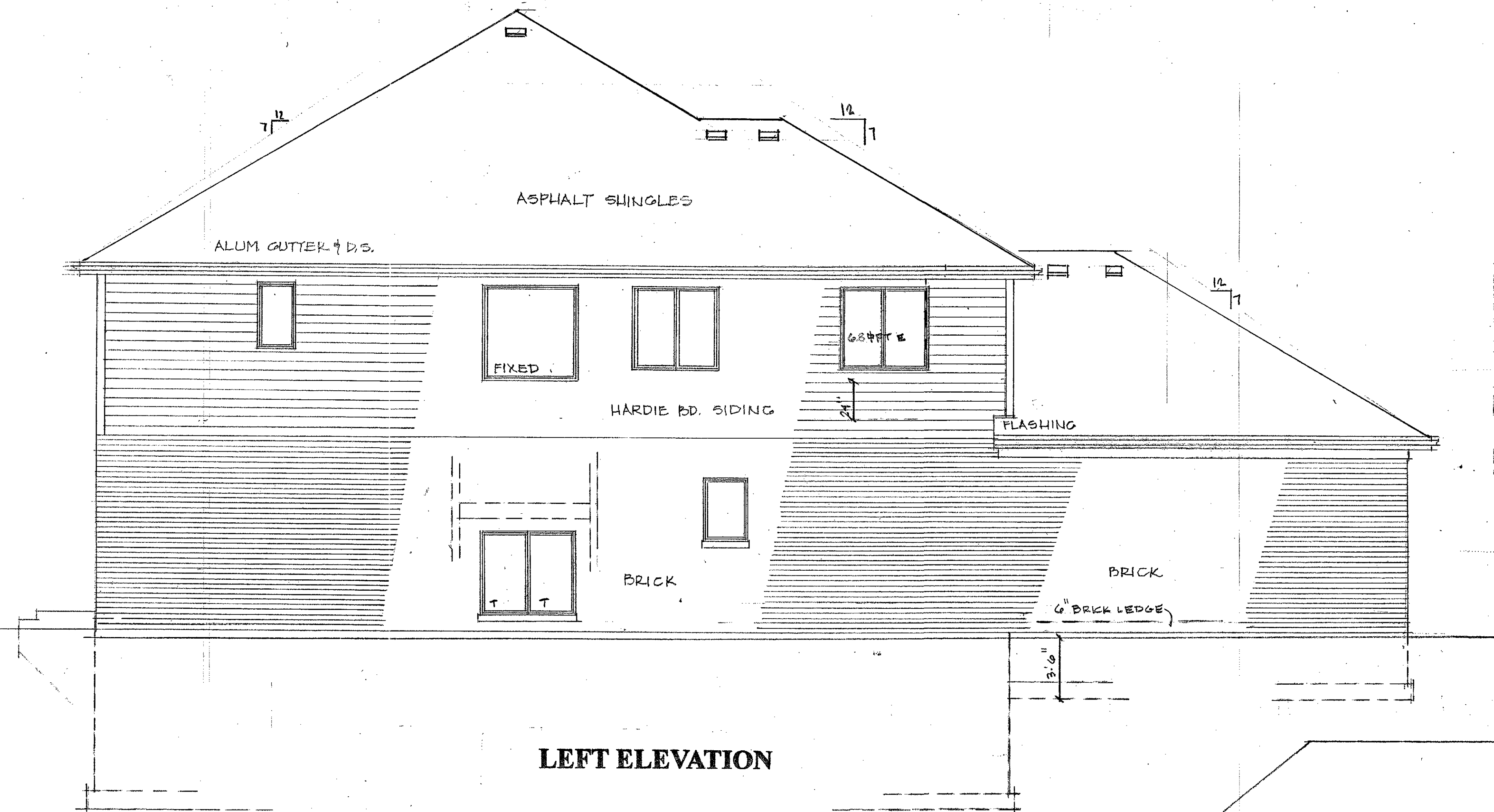
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SCALE

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C-1

OF 514 SHEETS

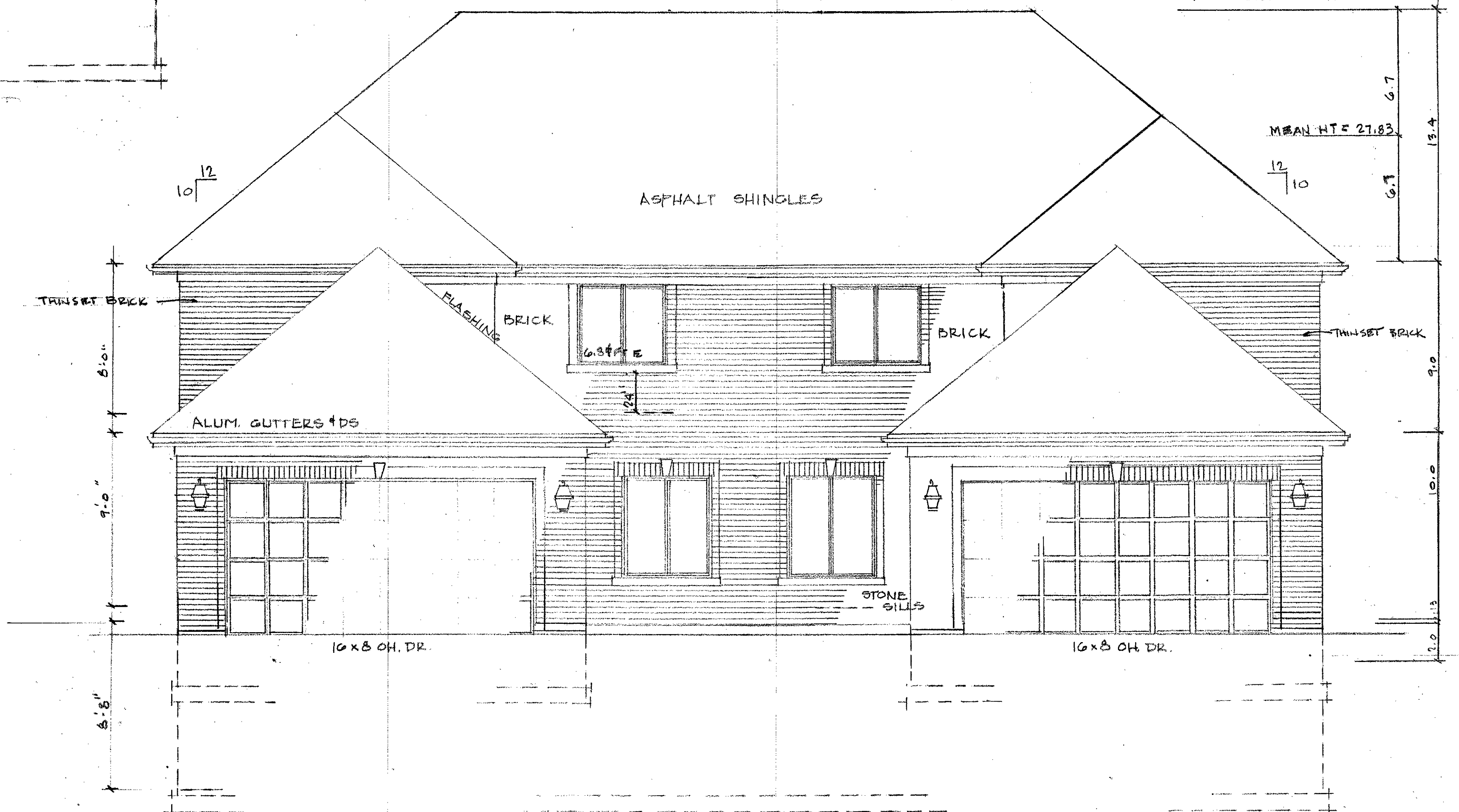
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7/24/2023	



LEFT ELEVATION

To: Naperville Zoning Department
 Re: Ashwood Park Two Unit Townhome Plans
 Brick wall square footage calculations

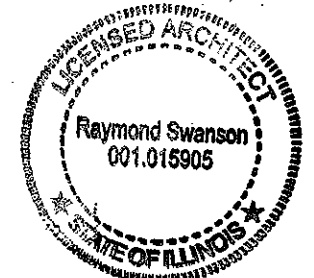
	Total	Brick	Siding		
Front	983	983	100%	0	0%
Left	1144	792	69%	352	31%
Rear	1318	817	62%	501	38%
Right	1240	856	69%	384	31%
Total	4685	3448	74%	1237	26%



FRONT ELEVATION

UNIT 1 4034

UNIT 2 4036



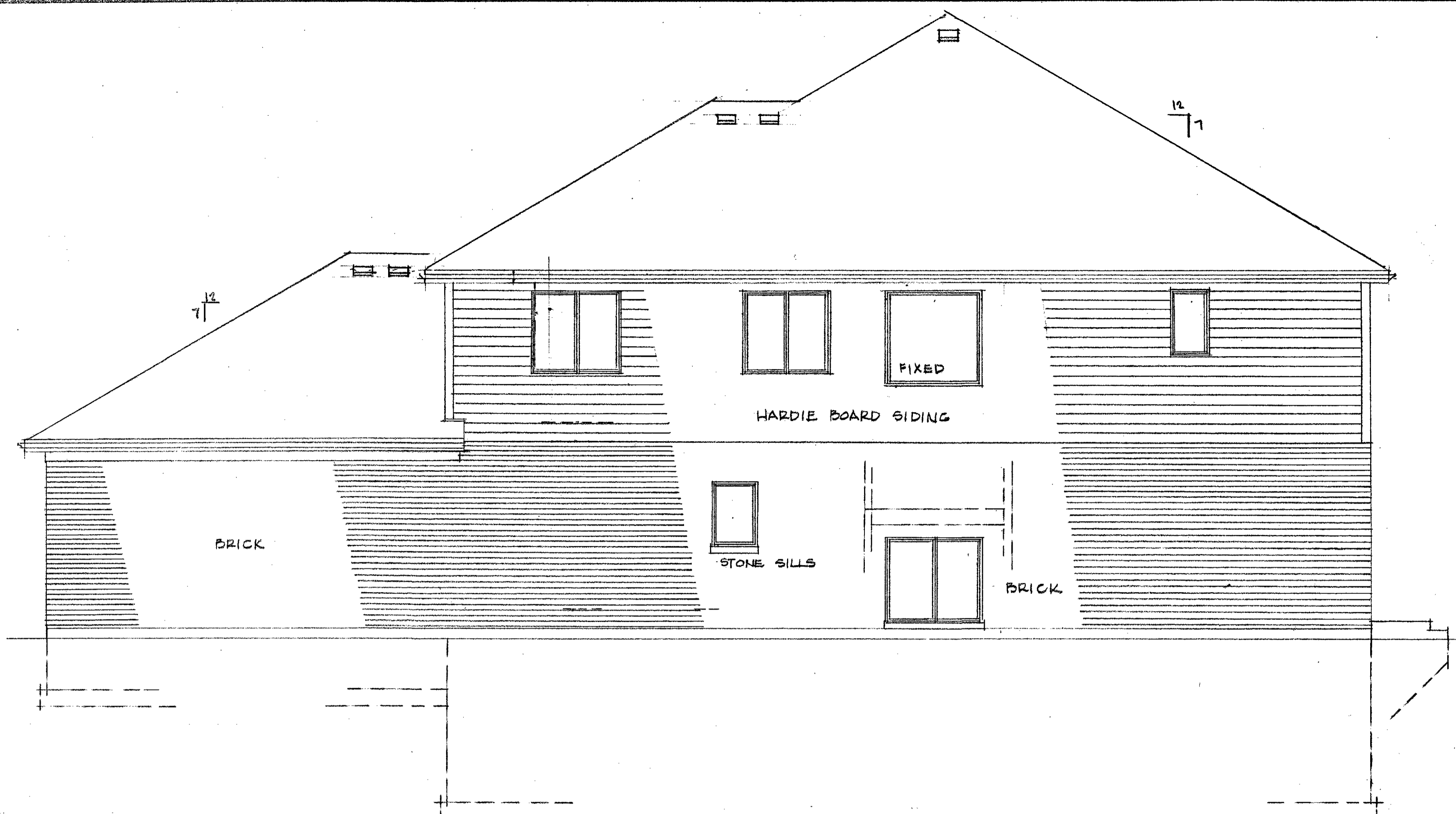
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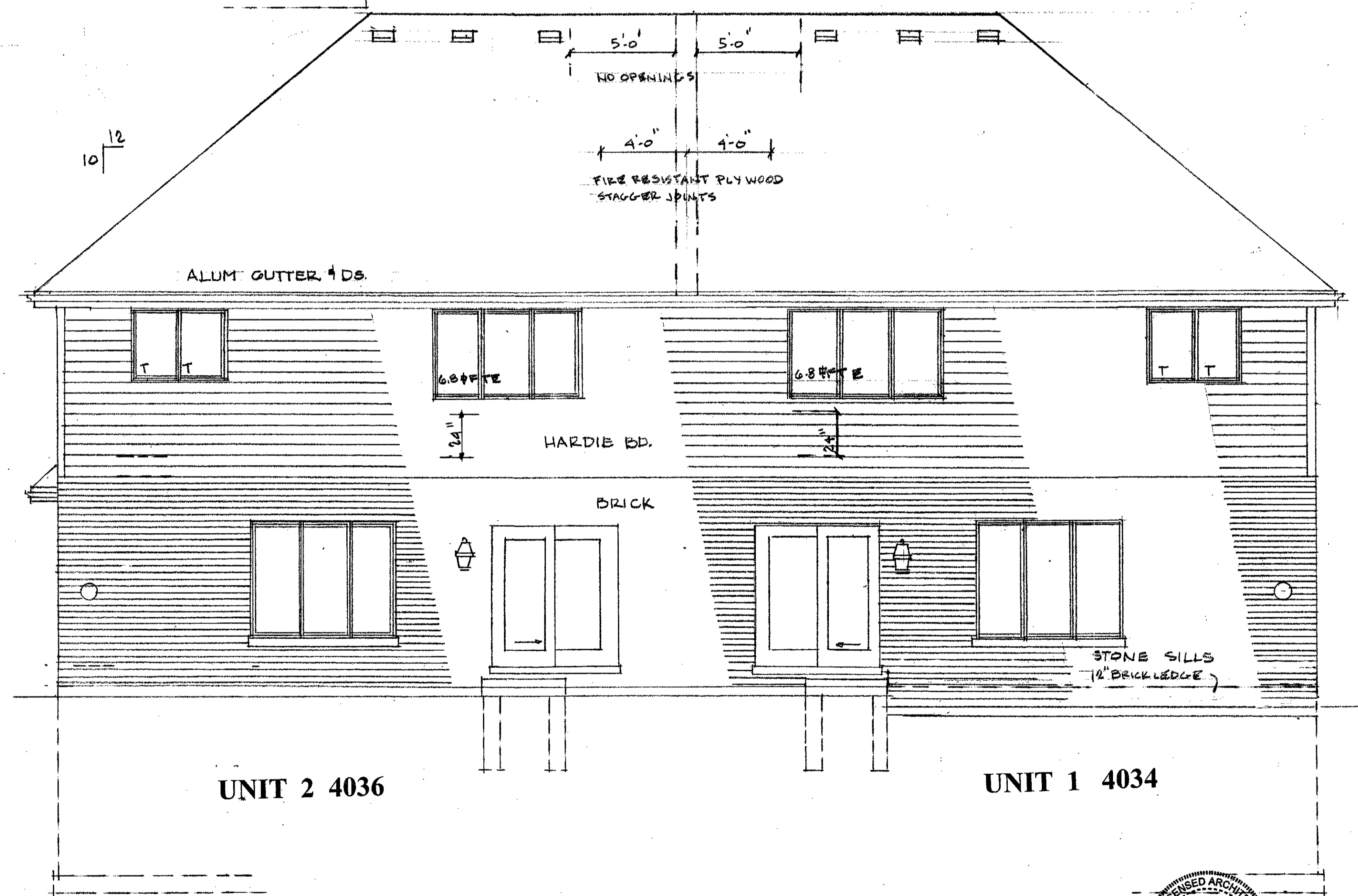
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JOB NO.	4034 APFH
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OF SIX	SHEETS

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7/24/23	



RIGHT ELEVATION

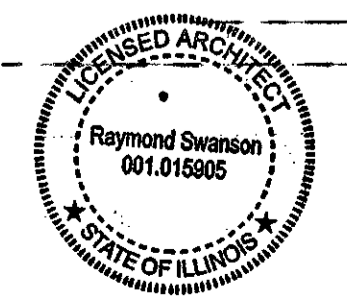


REAR ELEVATION

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OF 514 SHEETS

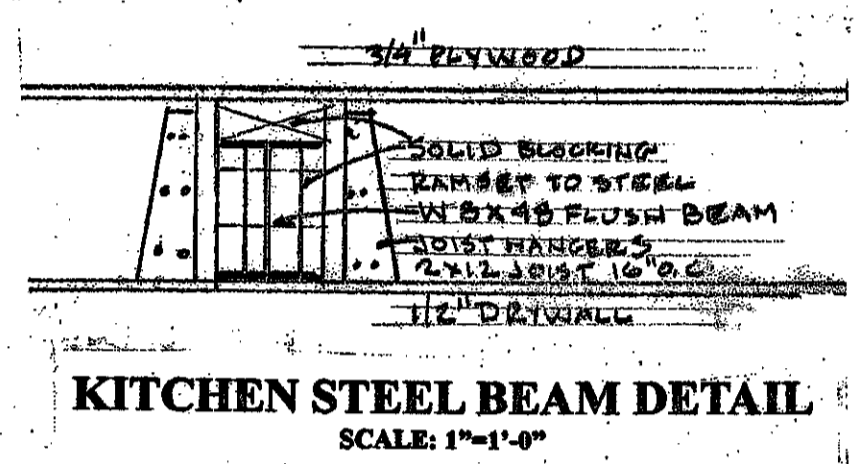
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11.6.2019	
4.25.2020	
5.4.2020	
PERMIT	
2.16.2021	
PERMIT	
PLAN CHANGE	
7/27/23	

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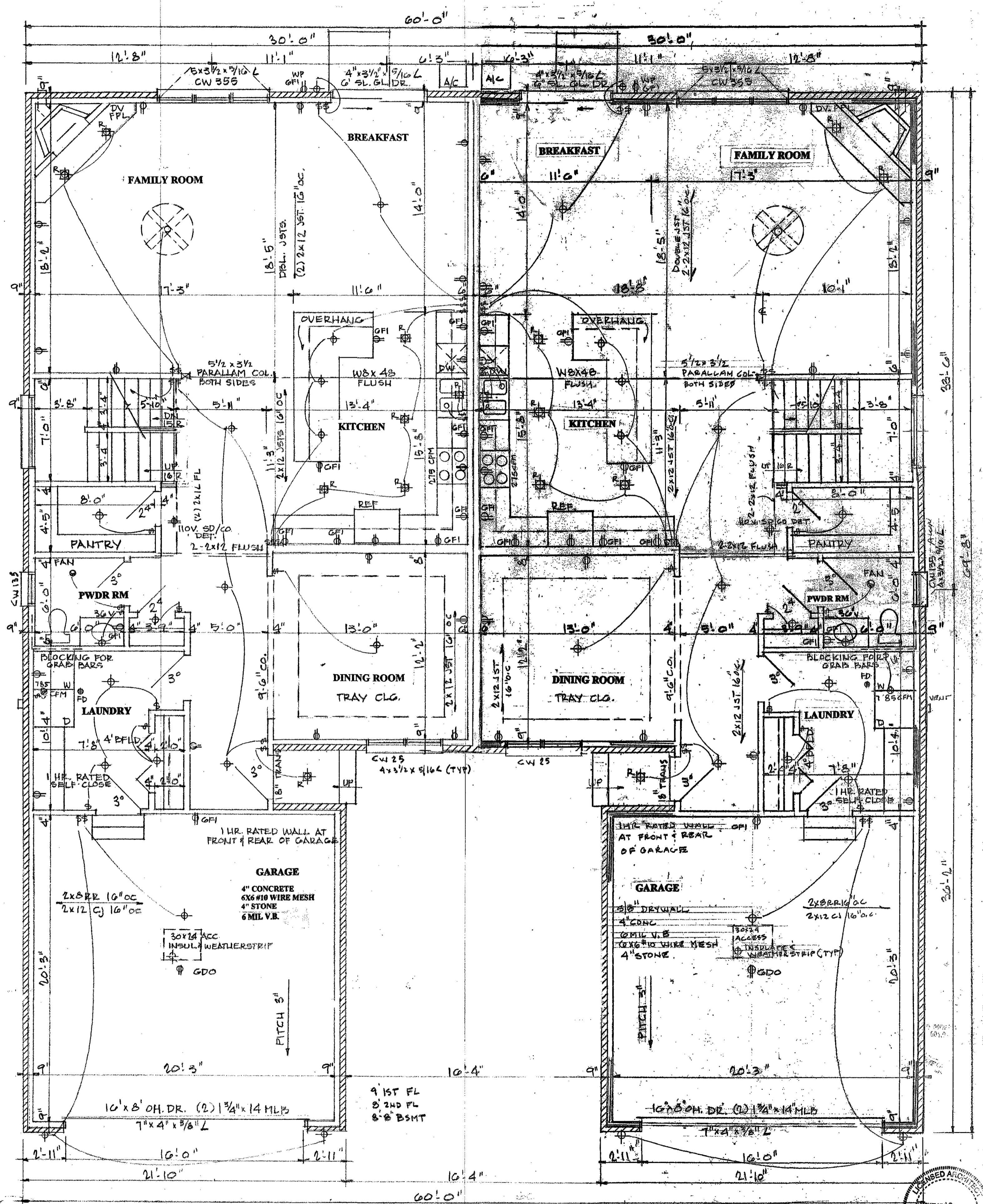
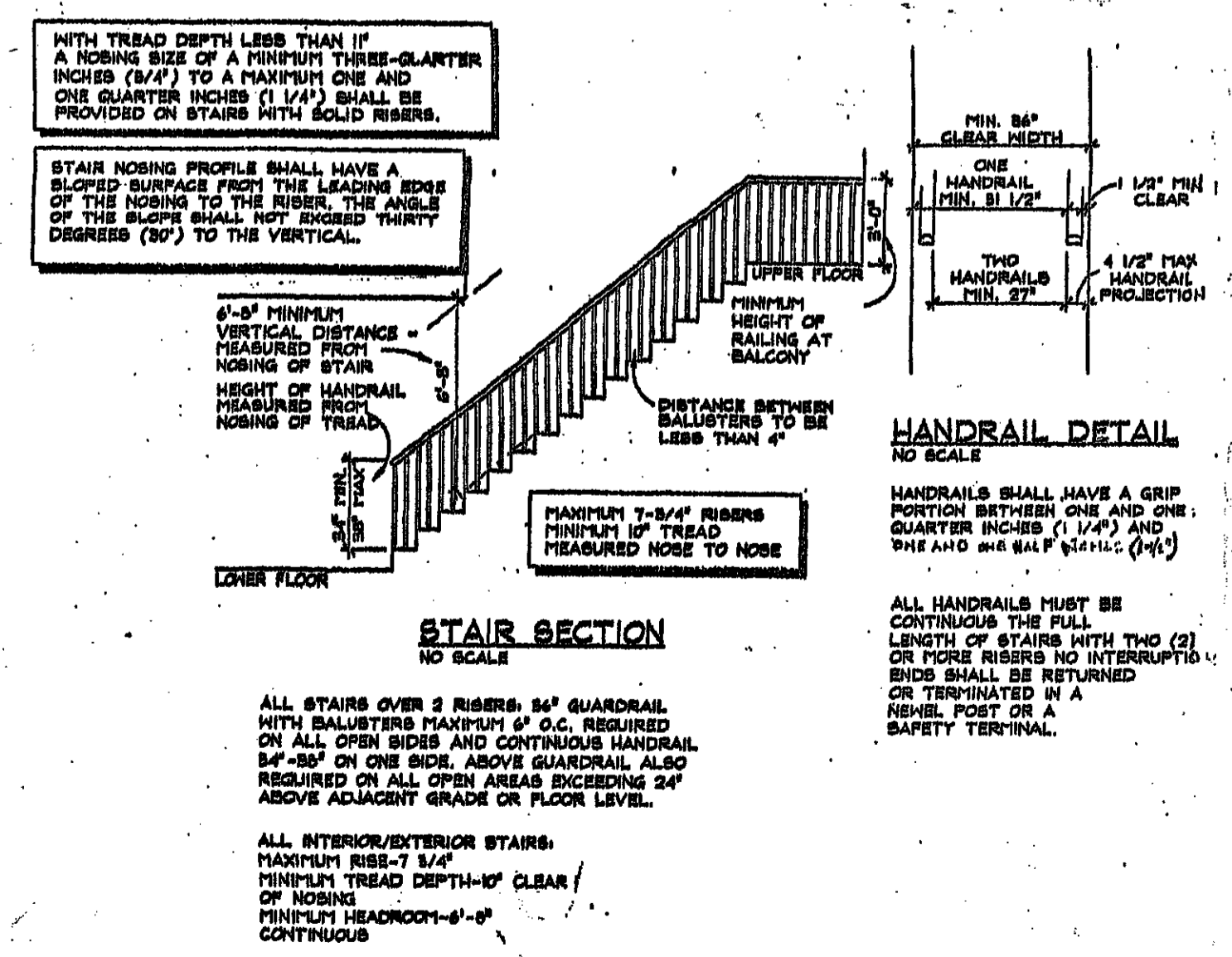
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OF 519 SHEETS					

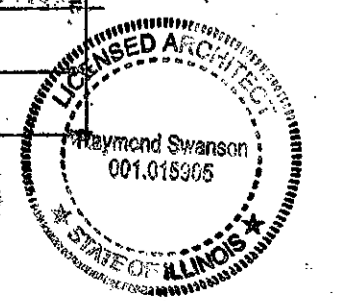


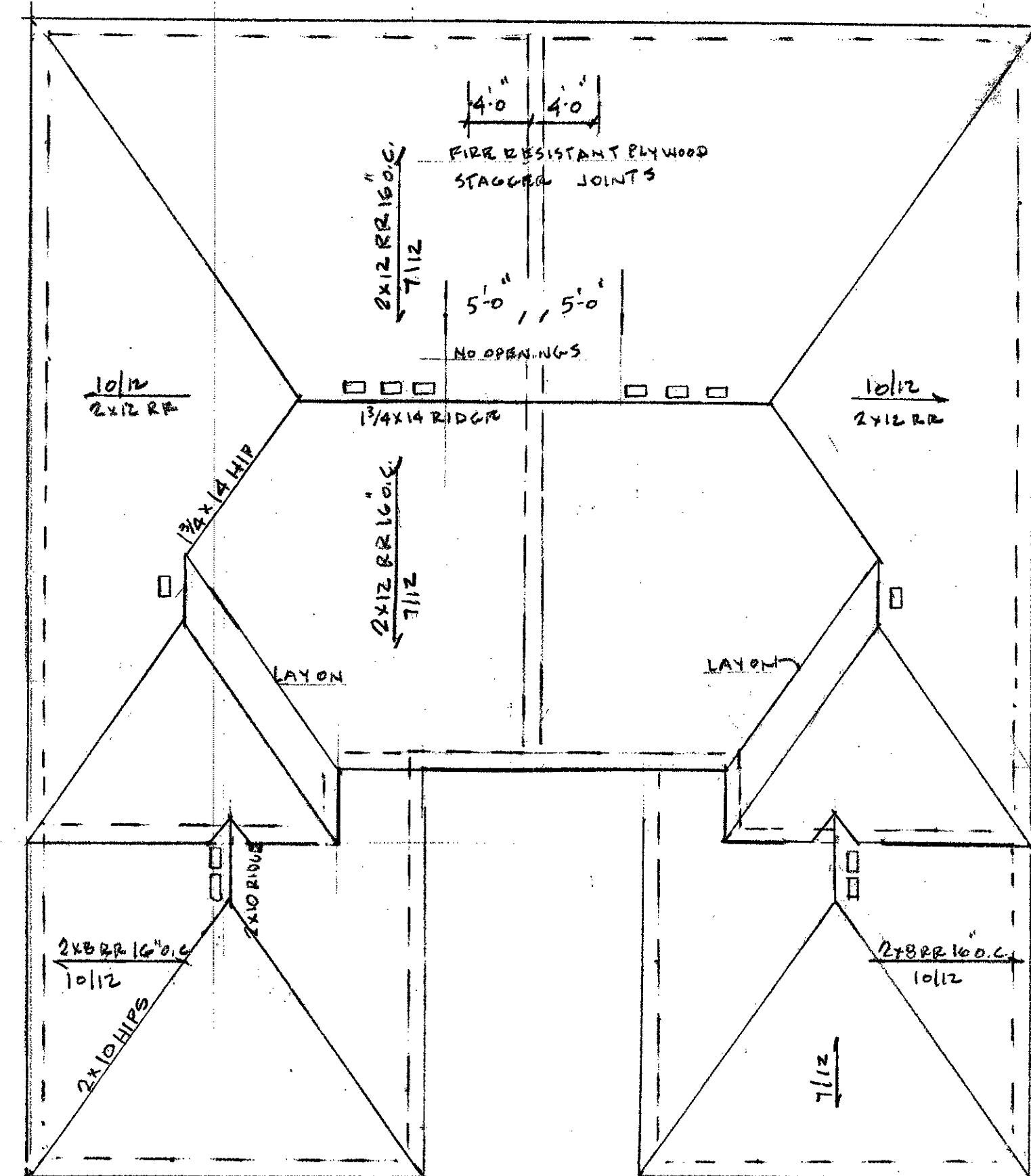
DESCRIPTION	AREA	LIGHT REQ.	LIGHT ACTUAL	VENT REQ.	VENT ACTUAL
DINING ROOM	158	12.6	19.0	6.3	19.0
LAUNDRY RM	82	N/A	N/A	82CFM	85CFM
PWDR RM	36	N/A	N/A	36CFM	60CFM
KITCHEN BREAKFAST	34	27.3	31.0	13.7	20.0
FAMILY ROOM	313	25.8	30.0	12.5	30.0
MASTER BEDROOM	298	23.3	24.0	11.9	24.0
MASTER BATH	139	11.1	12.0	5.0	16.5CFM
BEDROOM 2	179	14.3	16.0	7.2	16.0
BATH	48	N/A	N/A	48CFM	76CFM
BEDROOM 3	179	11.1	16.0	5.6	16.0
LOFT	127	10.2	16.0	5.1	16.0
BASEMENT	260	23.2	16.0	25.2	16.0

+MECHANICAL LT & VENT



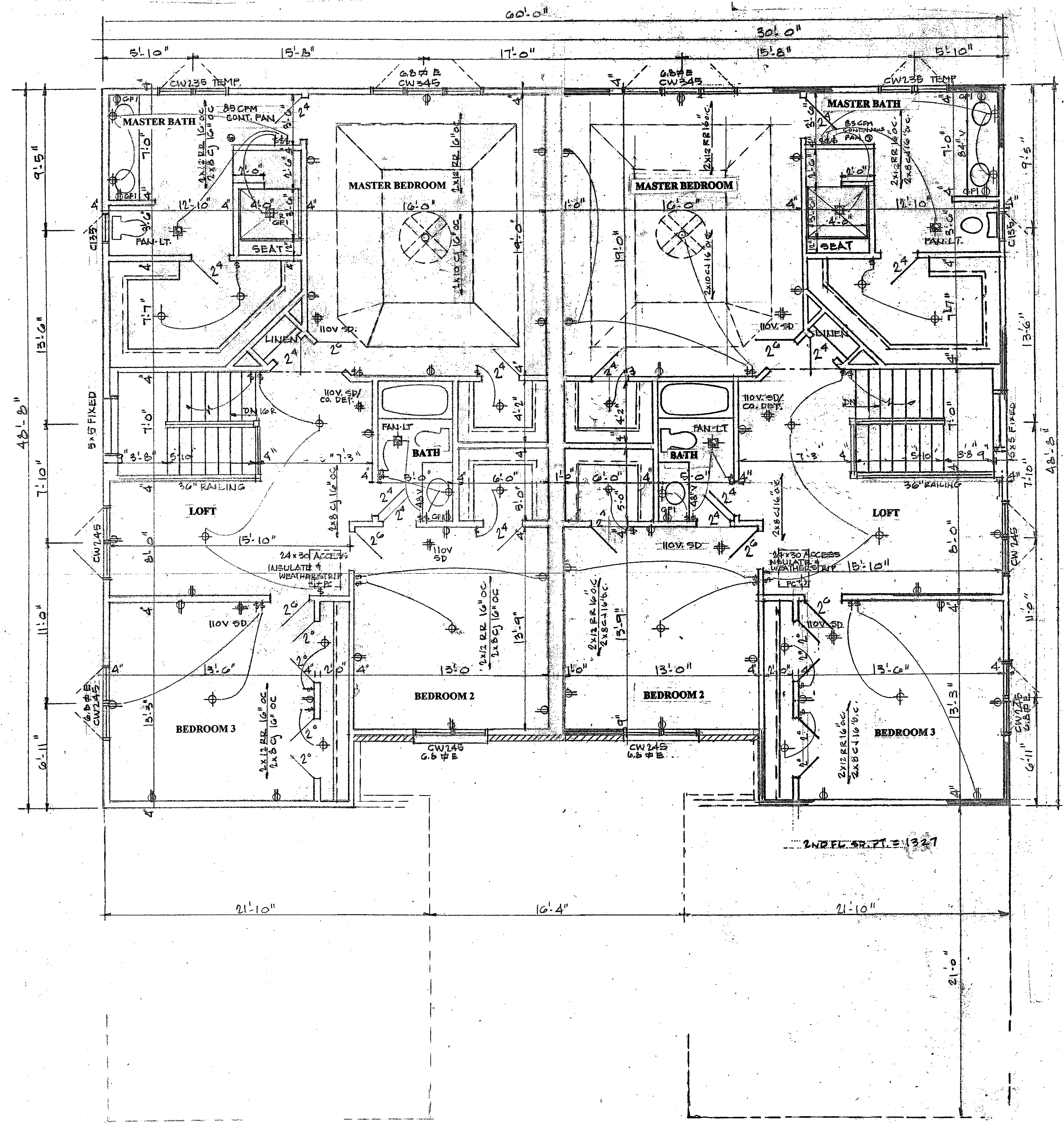
UNIT 1 4034 **FIRST FLOOR PLAN** **UNIT 2 4036**





EACH UNIT 1300 SQ. FT. - 1300 = 46 FT² REQUIRED
 6,439 FT² ACTUAL

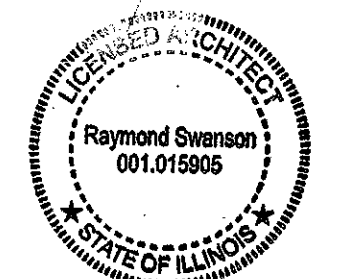
ROOF PLAN
 SCALE: 1/8" = 1'-0"



UNIT 1 4034

UNIT 2 4036

SECOND FLOOR PLAN



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DRAWN	R5 SC
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DATE	10.10.2022
SCALE	1/4" = 1'-0"
JOB NO.	4034 APTH
SHEET	4

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7/23/23	

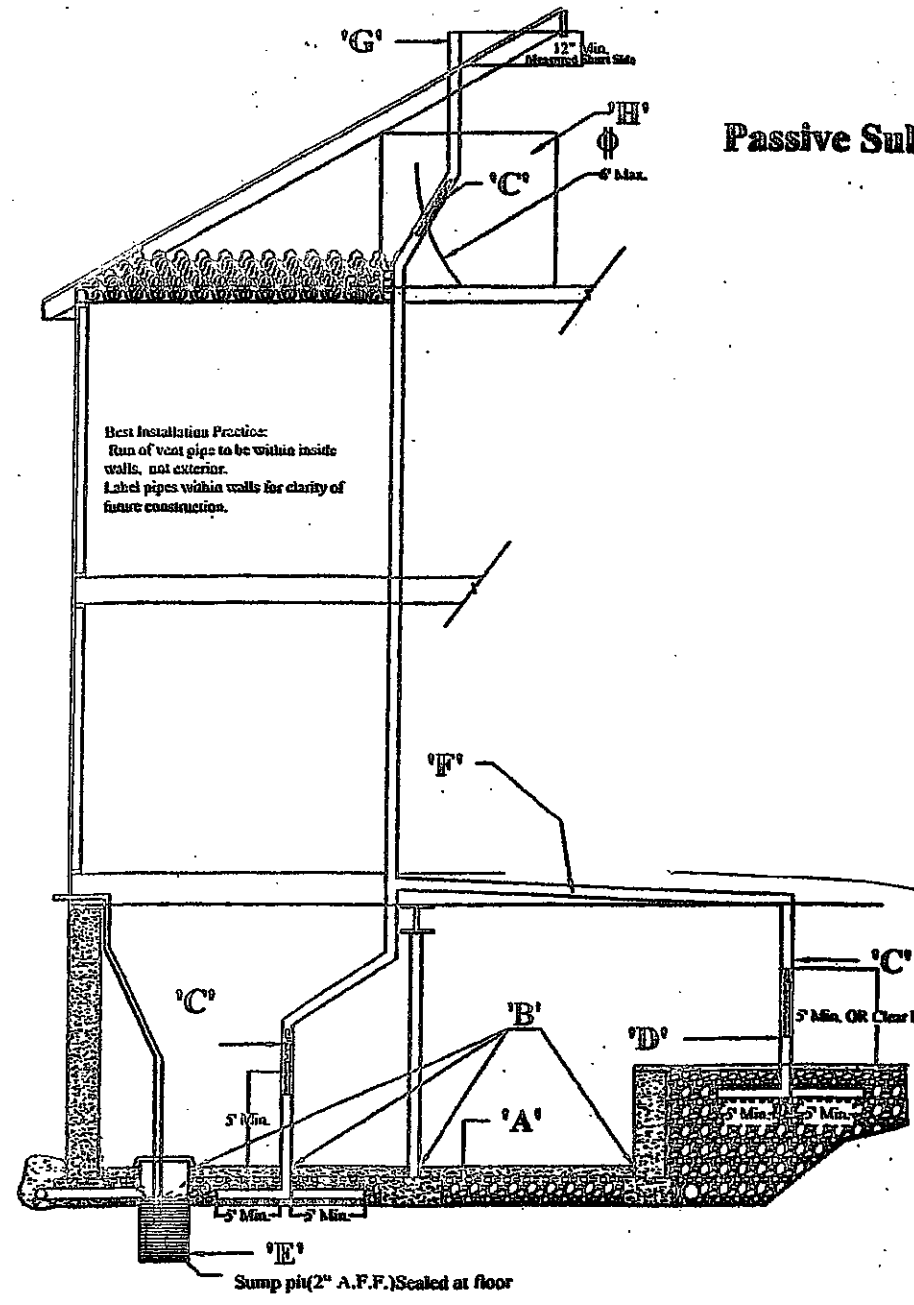
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DATE	10-10-2022
SCALE	1/4"=1'-0"
JOB NO.	4034-APT1
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Passive Sub-slab Depressurization (SSD) System



- 1. "Subfloor Preparation" A layer of gas permeable material shall be placed under all concrete slabs and other floor systems that directly contact the ground. Clean aggregate-4" thick non-cured Min. 60MI Polyethylene, 12" overlap fit tight to perimeter. Con. top and seams shall be overlapped or taped.
- 2. "Entry Routes" Floor openings around all penetrations in the slab shall be sealed; pipes, columns, post-tension joints, control and isolation joints shall be caulked/sealed (Polysulfide Caulk) for final inspection.
- 3. "All exposed and visible interior radon vent pipes shall be conspicuously identified with at least one label on each floor or accessible area. The label shall read "Radon Reduction System"
- 4. "A plumbing tee (min 3" diameter Schedule 40 pipe) or other approved connection with not less than 5 feet of perforated pipe extending from each basement opening of the tee shall be located horizontally beneath the sheathing. A 3" vertical section (minimum above finished floor) shall be installed in top opening of tee. Each area shall be fitted with an individual vent pipe. All vent pipes shall connect to a single vent with a vertical vent pipe installed through the sheathing up through the building floors to exterior termination.
- 5. "Sump pits open to soil or serving as the termination point for sub-slab or exterior drain tile lines shall be covered with a gasketed or otherwise sealed lid. Sump pits shall not be used as primary suction point in sub-slab depressurization system.
- 6. "All components of the radon vent pipe system shall be installed to provide positive drainage to the ground beneath the gas monitor opening.
- 7. "Vent pipes shall connect to a single vent that shall terminate at least 12" above the highest roof in a location at least 2' above any window or other opening into the building and at least 10' from any window or opening in an adjacent building.
- 8. "Areas of access to electrical outlets, installation of power submeter. This area shall have working space for attic equipment and a clear height of thirty-six inches (36"). Electrical "outlet" shall be within six-foot (6') of the "access area" and vent pipe.

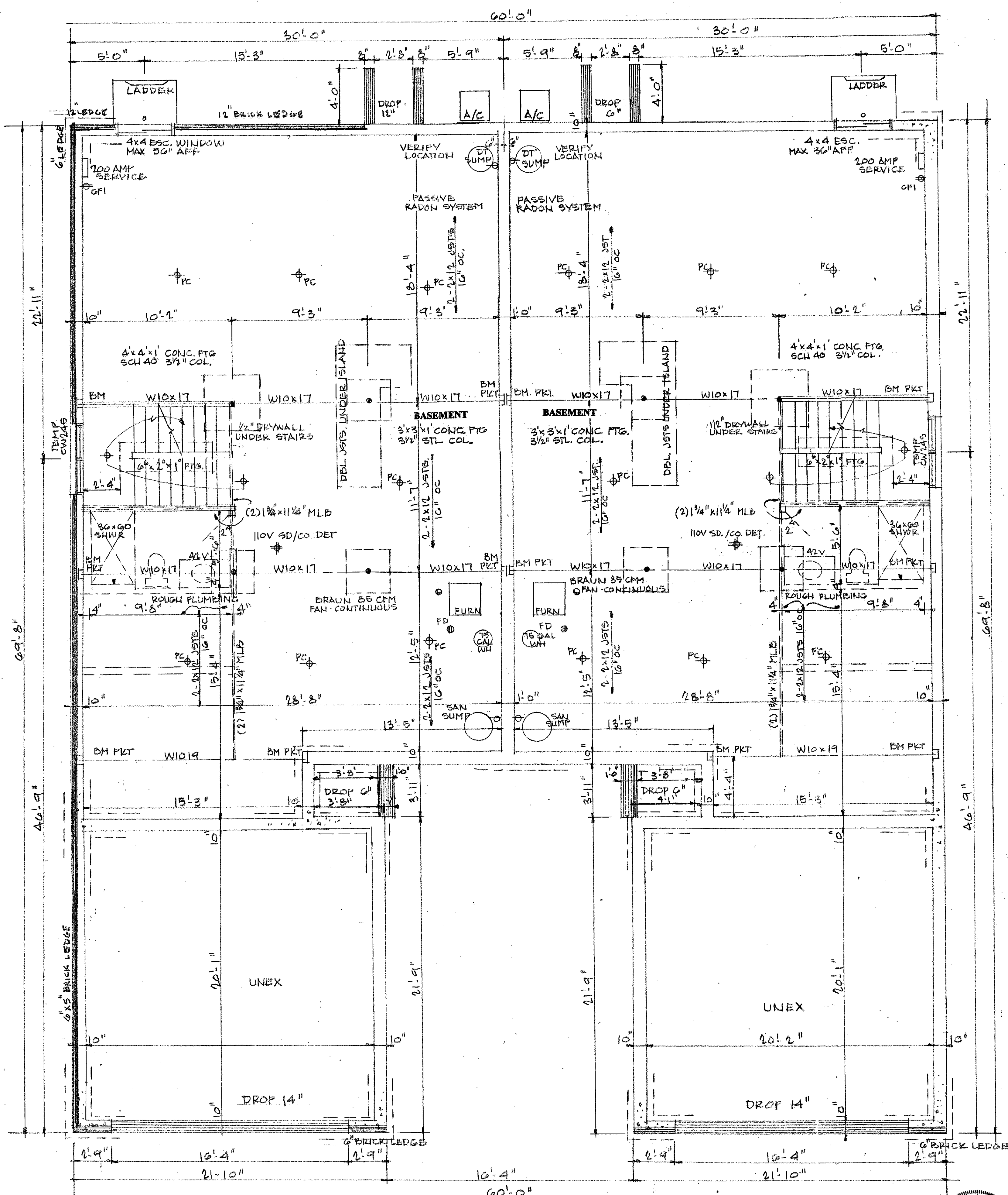
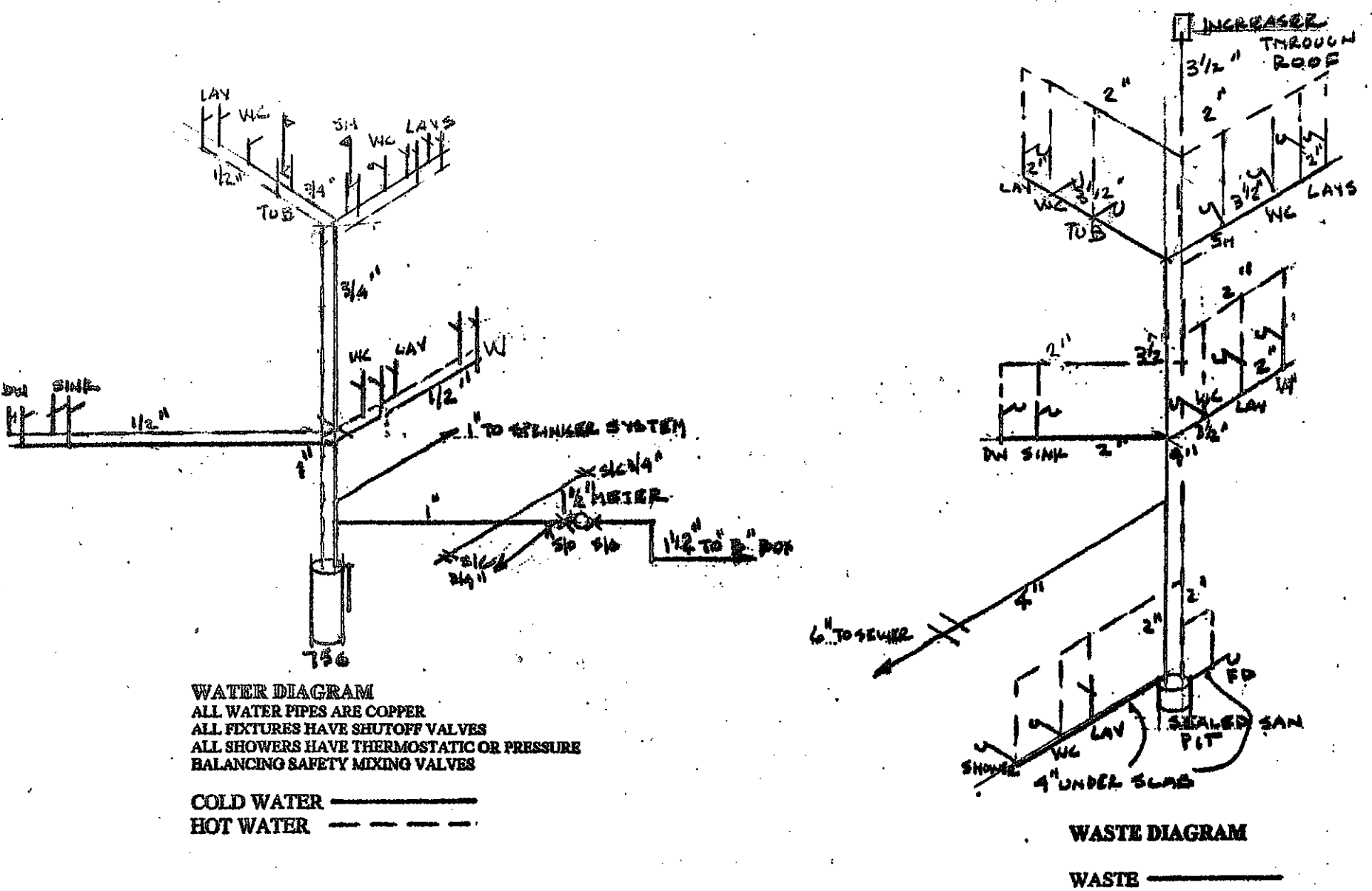
Table M Lead Values Assigned to Fixtures

Fixture	Basement	1 st Floor	2 nd Floor	3 rd Floor	Sub-Totals	Fixture Unit	Totals
Bidet						1	1
Water Closet		2			2	3	12
Lavatory		3			3	3	12
Bathtub			2		2	2	8
Shower Stall (per head)	1	1			2	2	8
Kitchen Sink				1	1	2	8
Laundry Trays (2-3)						3	12
Dishwasher				1	1	1	4
Laundry				4	4	4	16
Machine 1st						1	4
Silicosis						10	40
Total						39	156

TOTAL WSPU'S 39 Service Size 1/2" Meter Size 1/2"

CONCRETE FOUNDATION WALLS TABLE R404.1.1(5)

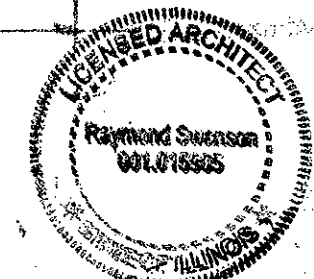
Foundation walls:
 Thickness of wall 10"
 Maximum height of wall 8'-0"
 Maximum height of unbalanced backfill 3'-0"
 4# AT 3'-0" vertical reinforcement
 3# AT 3'-0" horizontal reinforcement

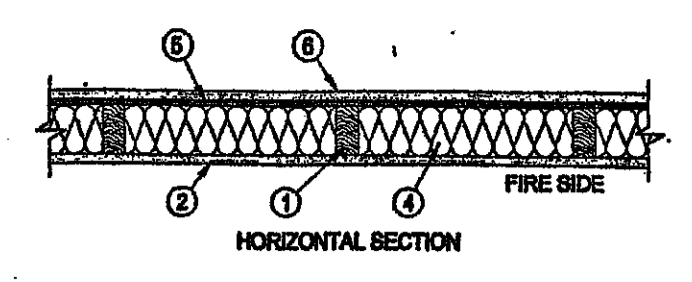


UNIT 1 4034

UNIT 2 4036

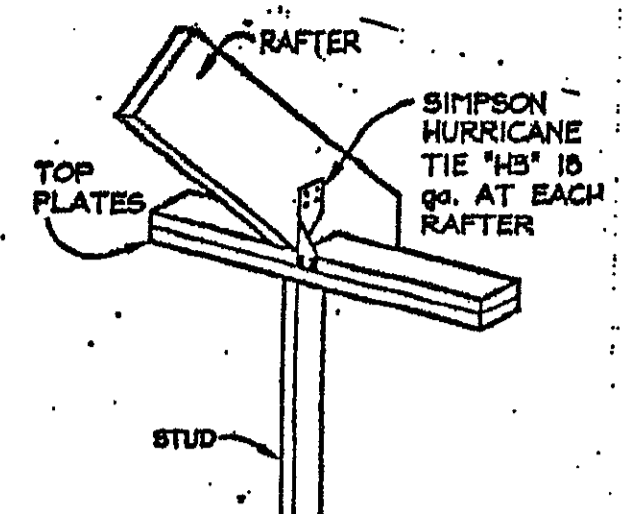
FOUNDATION PLAN



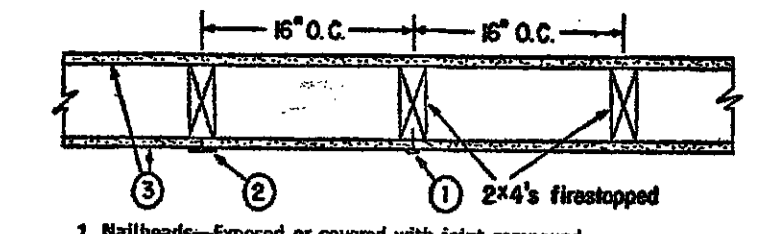


Design No. U356
(Exposed to Fire on Interior Face Only)
Bearing Wall Rating—1 Hr
Finish Rating—2 Hr

1. Wood Studs—Nom 2 by 4 in. spaced 16 in. OC with two 2 by 4 in. top and one 2 by 4 in. bottom plates. Studs laterally braced by wood structural panel sheathing (Item 5) and effectively fire stopped at top and bottom of wall.
2. Wallboard, Gypsum—Any Classified 5/8 in. thick, 4 ft wide, applied vertically and nailed to studs and bearing plate 7 in. OC with 6d cement-coated nails, 1-7/8 in. long with 1/4 in. diam head. See Wallboard, Gypsum (GXX) Category for names of Classified Companies.
3. Joints and Nailheads—(Not Shown)—Wallboard joints covered with tape and joint compound. Nail heads covered with joint compound.
4. Seals and Blankets—Unfaced mineral fiber insulation, 3-1/2 in. thick, with 3 pcf density, pressure fit in wall cavities between studs and plates. See Seals and Blankets (SXX) Category for names of Classified Companies.
5. Wood Structural Panel Sheathing—Min 7/16 in. thick, 4 ft wide APA Rated Sheathing Exposure 1, plywood or oriented strand board (OSB) per PS 1, PS 2 or APA Standard PS-103, installed with long dimension of sheet (strength axis) on face grain of plywood parallel with or perpendicular to studs. Vertical joints covered on studs. Horizontal joints backed with nom 2 by 4 in. wood blocking. Attached to studs on exterior side of wall with 6d cement coated nails spaced 6 in. OC at perimeter of panels and 12 in. OC along interior studs.
6. Exterior Finish—Installed in accordance with the manufacturer's installation instructions. One of the following exterior finishes is to be applied over the sheathing:
 - A. Wood Siding—UL Classified exterior plastic siding (finished plastic).
 - B. Particle Board Siding—Hardboard exterior siding including patterned panel or lap siding.
 - C. Wood Structural Panel or Lap Siding—APA Rated Siding, Exterior plywood, OSB or composite panels with veneer face and structural wood core, per PS 1 or APA Standard PS-103, including finished, rough sawn, medium density overlay, brushed, grooved and lap siding.
 - D. Cementitious Stucco—Portland cement or synthetic stucco systems with self-furring metal lath or adhesive base coat. Thickness from 3/8 to 3/4 in., depending on system.



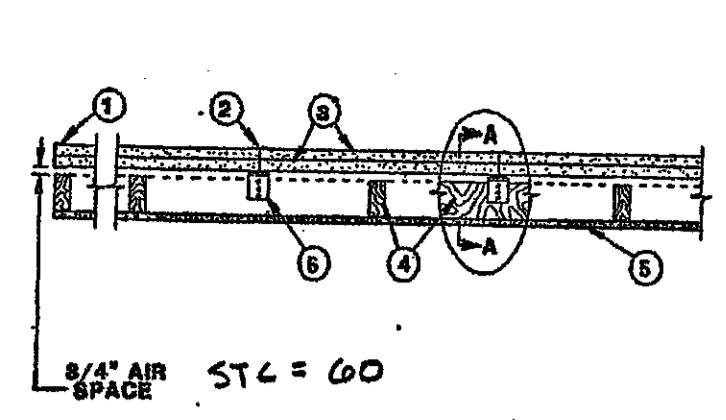
RAFTER TIE DETAIL
AT ALL VAULTED, CATHEDRAL & TRAY CEILING



GARAGE FRONT & REAR BEARING WALLS

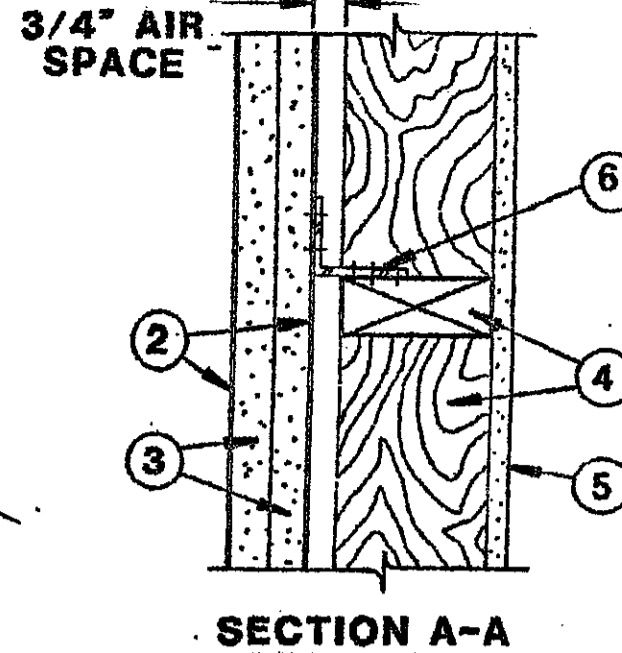
Design No. U305
Bearing Wall Rating—1 Hr
Finish Rating—See Item 3.

1. Nailheads—Exposed or covered with joint compound.
2. Joints—Exposed or covered with joint compound, except structural joints. For tapered, rounded-edge joints covered with joint compound or fiber tape and joint compound. As an alternative, non 3/2 in. thick gypsum veneer plaster may be applied to the entire surface of classified veneer baseboard. Joints reinforced.
3. Wallboard, Gypsum—5/8 in. thick wallboard paper or vinyl surface, with leveled, square or rounded edges, applied either horizontally or vertically. Wallboard nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0913 in. shank diam and 1/4 in. diam heads. When used in walls of other than 48 in., wallboard is to be installed horizontally.



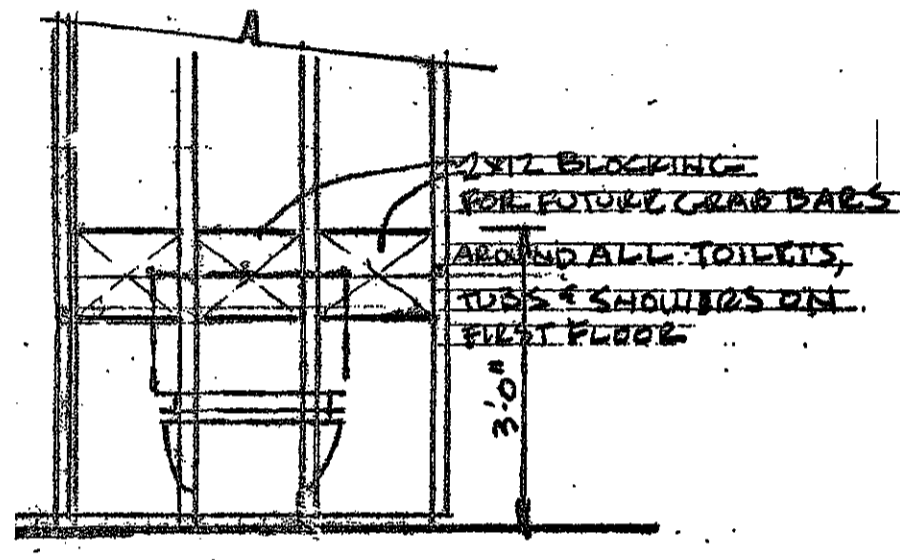
Design No. U336
Exposed to fire from separation wall side only
Nonbearing Wall Rating—2 Hr
Finish Rating—120 Min

Ref. No.	Code	Description
46	RAI-TL-88-343	
54	RAI-TL-88-348	Based on 2" mineral wool batt on one side
57	RAI-TL-88-351	Based on 2x4s and 2" mineral wool batt one side
58	RAI-TL-88-347	Based on 2x4s and 2" mineral wool batt on both sides
60	RAI-TL-88-350	Based on 2x4s and 2" mineral wool batt on both sides



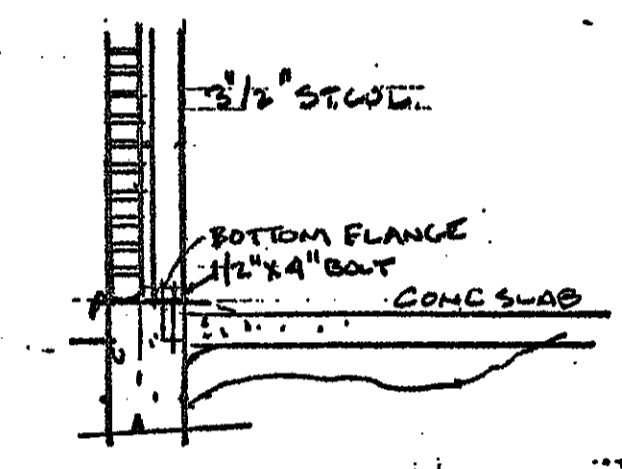
SECTION A-A
ROOF SHEATHING TO TERMINATE AT 4'-0" FROM WALL

- SEPARATION WALL: (Max Height - 44 ft)**
1. Floor, Intersected by Top Wall—2 in. wide channel shaped with 1 in. long legs formed from No. 25 MSB galv steel, secured with suitable fasteners spaced 24 in. OC.
 2. Metal Studs—Steel members formed from No. 25 MSB galv steel having "H"-shaped flanges spaced 24 in. OC overall depth 2 in. and flange width 1-3/8 in.
 3. Wallboard, Gypsum—Two layers of 1/2 in. thick gypsum wallboard liner panels, supplied in nom 24 in. width. Vertical edges of panels friction fitted into "H"-shaped studs. Canadian Gypsum Company—Type SX, United States Gypsum Co.—Type SX.
 4. Protected Wall (Bearing or Nonbearing Wall)—Veneer Framing—Nom 2 by 4 in. max spacing 24 in. OC. Studs cross braced at mid-height where necessary for clip attachment. Min 3/4 in. separation between wood framing and fire separation wall.
 5. Wallboard, Gypsum—Classified or unclassified—Min 1/2 in. thick, 4 ft wide, applied either horizontally or vertically. Wallboard attached to studs with 1-1/4 in. long steel drywall nails spaced 8 in. OC. Vertical joints located over studs. (Optional) Joints covered with paper tape and joint compound. Nail heads covered with joint compound.
 6. Attachment Clips—Aluminum angle 1.063 in. thick, 2 in. wide with 2 in. and 2-1/4 in. legs. Clips secured with Type 5 screws 3/8 in. long to "H" studs and with Type W screws 1-1/4 in. long to wood framing through "H" studs and into floor joists.
 - 6A. Clip placement (Item 6) for separation walls up to 23 ft high. Space clips a max of 10 ft OC vertically between wood framing and "H" studs.
 - 6B. Clip placement (Item 6) for separation walls up to 44 ft high. Space clips as described in Item 6A for upper 24 ft. Remaining wall area below "H" studs.
- *Bearing the UL Classification Marking



GRAB BAR BLOCKING DETAIL

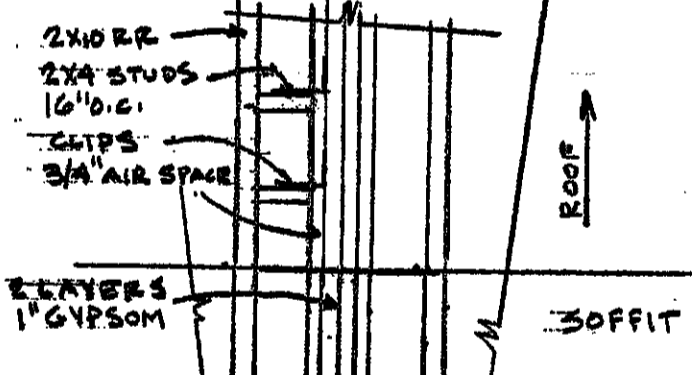
UPSTAIRS BEDROOMS REAR WALLS COMMON TO NEXT UNIT



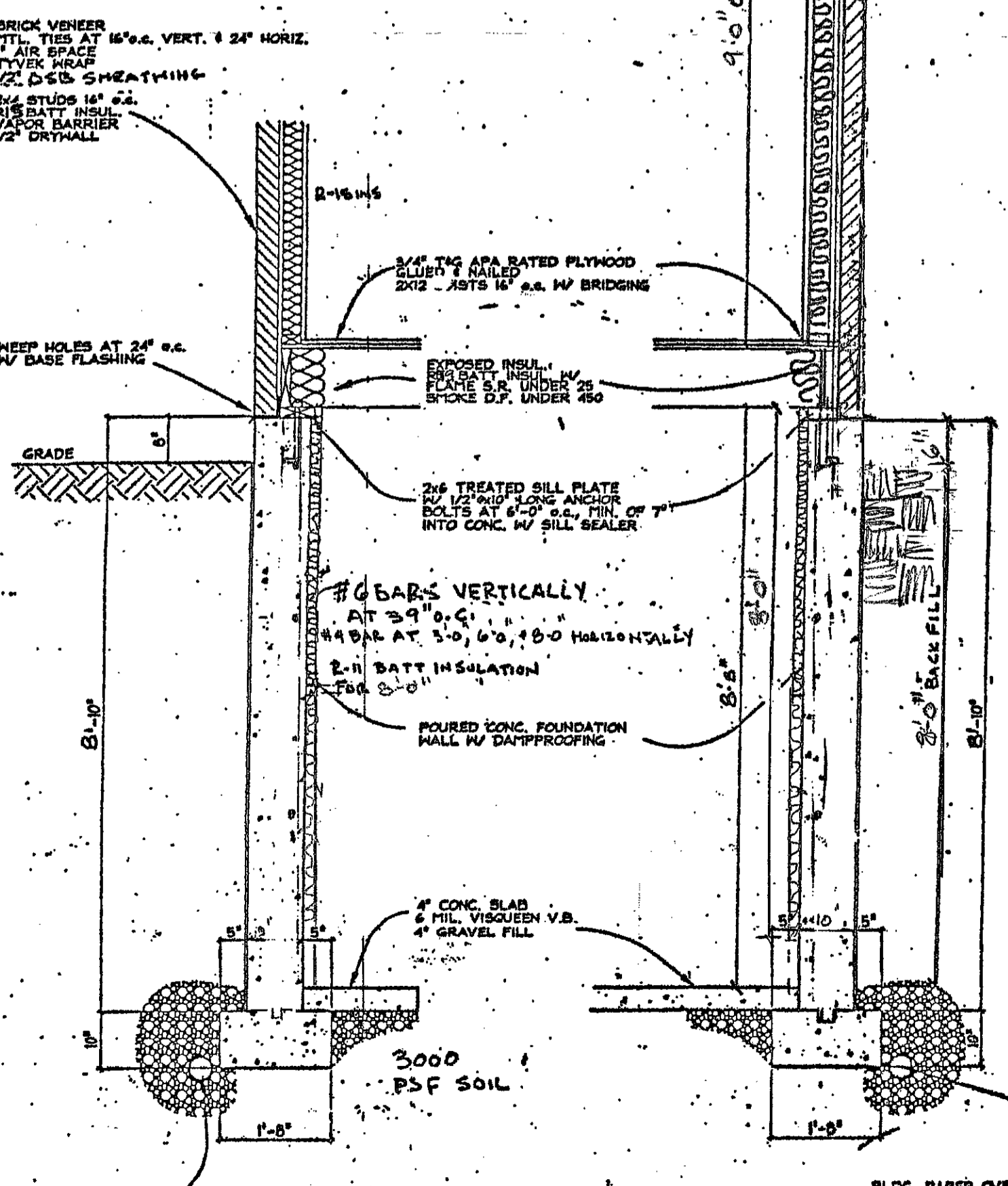
GARAGE COLUMN DETAIL

FIRE AND DRAFT STOPPING NOTES:
FIRESTOP AROUND ALL OPENINGS AROUND VENTS, PIPES, DUCTS, ETC. WITH NON-COMBUSTIBLE MATERIALS SUCH AS FIREWALL JOINT COMPOUND OR FIRESTOP TYPIC CAULKING.
WATER RESISTANT 1/2" GYP.BB. OR 1/2" DURA-ROCK MUST BE BROUGHT DOWN TO THE FLOOR BEHIND ALL TUBS AND SHOWER STALLS FOR PROPER FIRESTOPPING IN OR FIRESTOP STUD SPACES W/ 2 X 4 WOOD AT THE MIN HEIGHT OF THE EVENT STUD SPACE.
FIRESTOP ALL CONCEALED OPENINGS (VERTICAL AND HORIZONTAL) WITH 2" NOMINAL LUMBER.
DRAFTSTOPPING: NO AREA SHALL BE GREATER THAN 800 SQ.FT. WHERE THE CEILING IS SUPPORTED UNDER THE FLOOR OR ROOF FRAMING. THESE AREAS SHALL BE DRAFTSTOPPED WITH 1/2" PLYWOOD OR GYPSUM BOARD.
INSULATION NOTE:
ANY EXPOSED INSULATING MATERIALS INCLUDING FACINGS SHALL HAVE A FLAME SPREAD INDEX NOT TO EXCEED 25 WITH AN ACCOMPANYING SMOKE DEVELOPED INDEX NOT TO EXCEED 45.

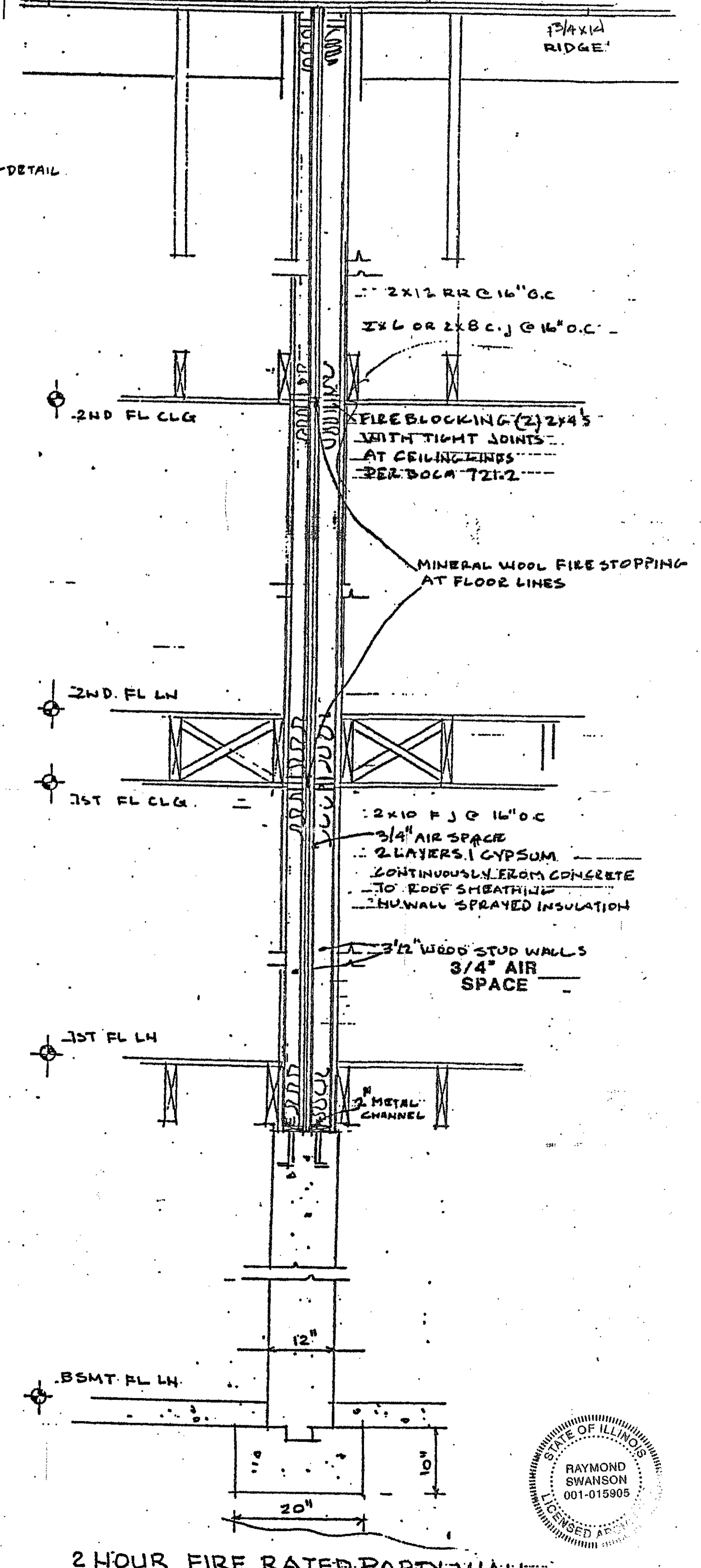
FOLLOW REM RATE FOR ALL INSULATION



SOFFIT COMMON WALL DETAIL
SCALE: 1/2" = 1'-0"



WALL SECTIONS
SCALE: 1/2" = 1'-0"



2 HOUR FIRE RATED PARTY WALL
SCALE: 1/2" = 1'-0"

REVISIONS	BY
7/24/23	

ARCHITECTS PLUS LTD
10 S-373 NORMANTOWN ROAD
NAPERVILLE, IL 60564
630-978-7670

ASHWOOD PARK TOWNHOMES
NAPERVILLE, IL.
4034 AND 4036 ASHWOOD PARK
COURT

CRESTVIEW BUILDERS
630-922-0511

DRAWN RS SC
CHECKED
DATE 10-10-2022
SCALE 1/4" = 1'-0"
JOB NO. 4034 APH
SHEET 6

