

ROOM ADDITION

PROJECT DATA APN # 8269-015-049 ZONING A-1-15000 16,379 SF LOT AREA EXISTING LIVING AREA 2,015 SF 1,201 SF FIRST FLOOR AREA SECOND FLOOR AREA 814 SF 678 SF EXISTING GARAGE 2,464 SF PROPOSED LIVING ADDITION 1ST. FLOOR: 817 SF 2ND. FLOOR: 1,647 SF PROPOSED PATIO 292 SF 71 SF PROPOSED BALCONY (E) LANDSCAPING @ FRONT SETBACK AREA 982 SF / 1,842 SF = 53.31% R-3 / U OCCUPANCY GROUP TYPE OF CONSTRUCTION V-B CODES: 2017 COUNTY OF LOS ANGELES BUILDING CODE 2017 COUNTY OF LOS ANGELES ELECTRICAL CODE 2017 COUNTY OF LOS ANGELES PLUMBING CODE 2017 COUNTY OF LOS ANGELES MECHANICAL CODE 2017 COUNTY OF LOS ANGELES RESIDENTIAL CODE

2017 COUNTY OF LOS ANGELES GREEN BUILDING STANDARDS CODE

OWNER: RUOLEI ZHANG 626-839-0915

SHEET INDEX

T-1 COVER SHEET **GN GENERAL NOTES**

A-1 SITE PLAN A-2 EXISTING 1ST. FLOOR / 2ND FLOOR PLANS A-3 1ST. FLOOR / 2ND FLOOR PLANS A-4 ELEVATIONS / ROOF PLAN A-5 1ST. FLOOR / 2ND FLOOR CEILING PLANS A-6 SECTION / SCHEDULE A-7 DETAILS

CF-1R ENERGY CAL (3 SHEETS)

S-1 DETAILS S-2 DETAILS S-3 DETAILS S-4 FOUNDATION PLAN S-5 FLOOR FRAMING PLAN S-6 ROOF FRAMING PLAN SSW1 STRONG WALL SSW1.1 STRONG WALL SSW2 STRONG WALL

CONSULTANTS

STRUCTURAL ENGINEERING PETER CHAO & ASSOCIATES 12964 E. END AVE. CHINO, CA 909-680-2727 ENERGY CALCULATION

PERFECT DESIGN & ENGINEERING 2416 W. VALLEY BLVD. ALHAMBRA, CA 91803 626-289-8808

KBR & ASS. NOTE

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. KBR MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.



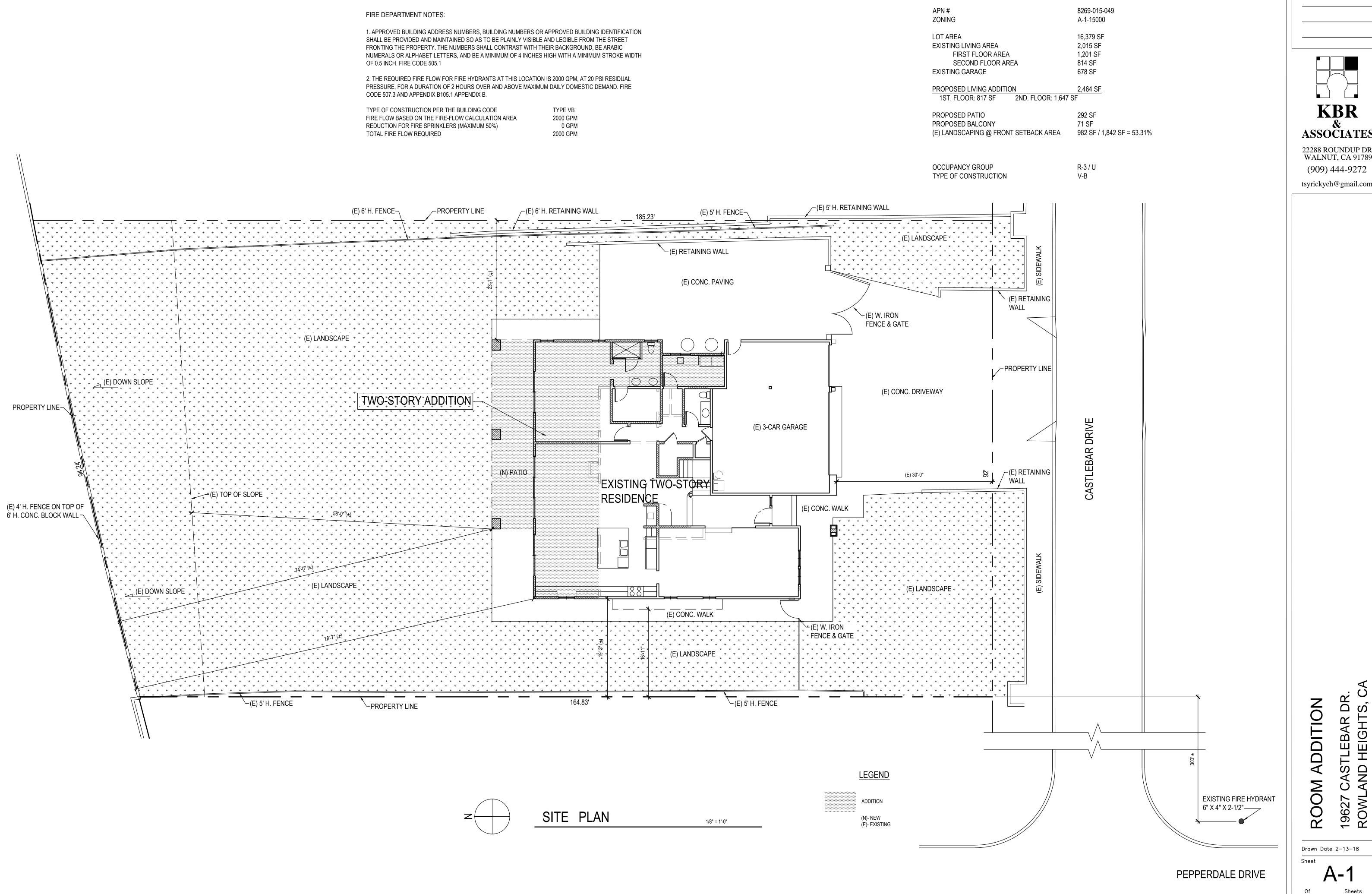


Drawn Date 2-13-18 Sheet

Of

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Sheets

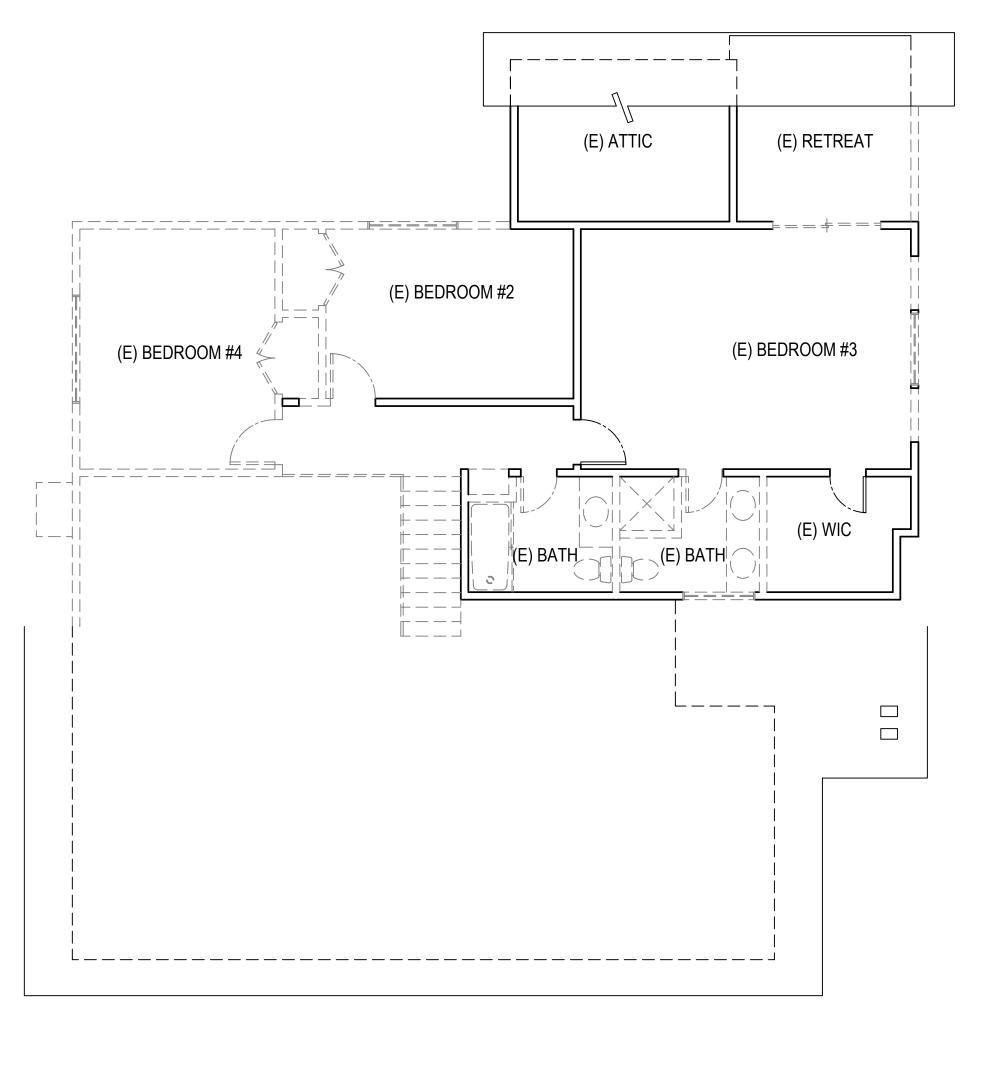


BUILDING CODE	TYPE \
OW CALCULATION AREA	2000 G
(MAXIMUM 50%)	0 G
	2000 G

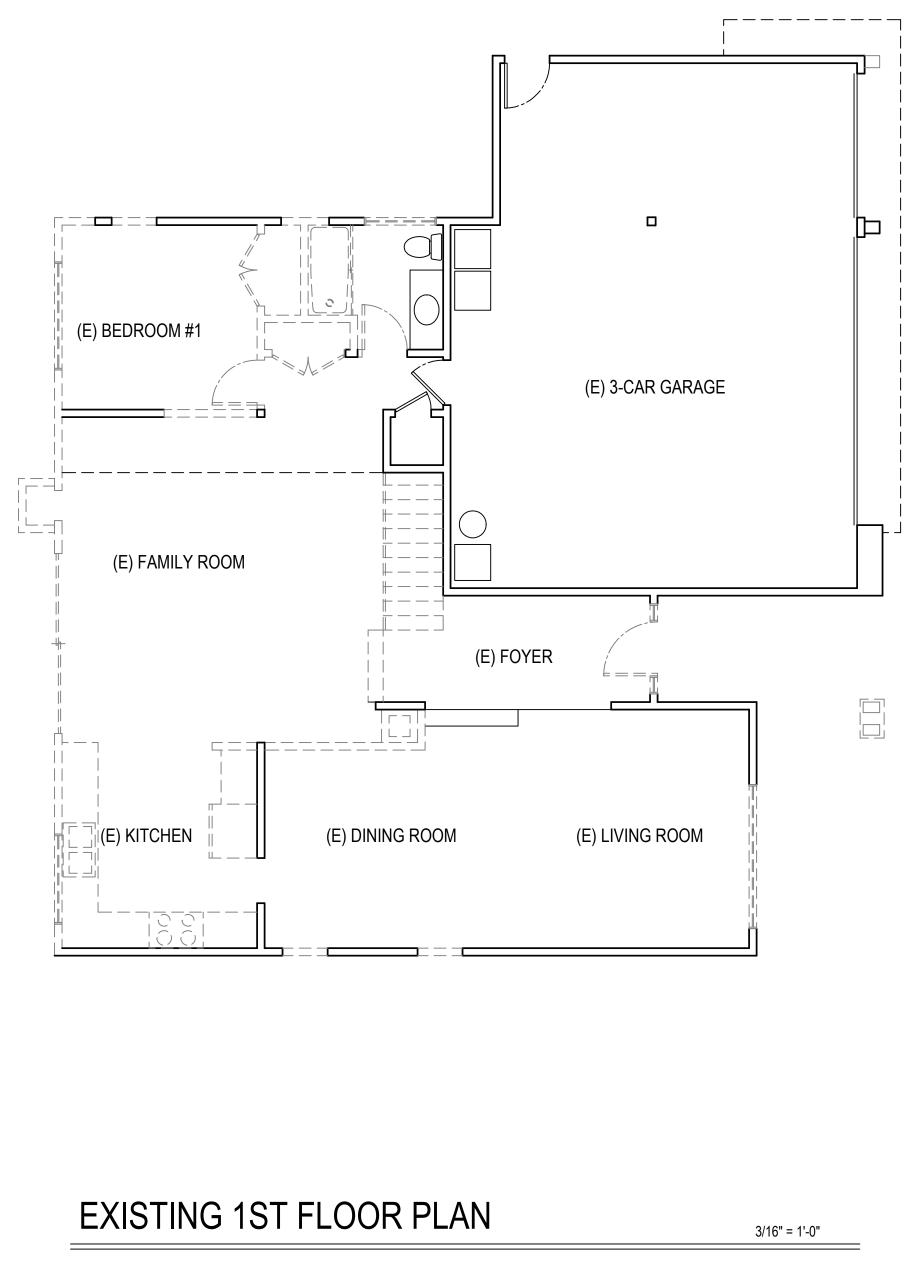
PROJECT DATA



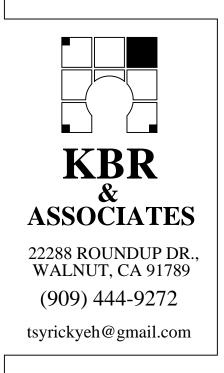
ASSOCIATES 22288 ROUNDUP DR. WALNUT, CA 91789 tsyrickyeh@gmail.com



EXISTING 2ND FLOOR PLAN



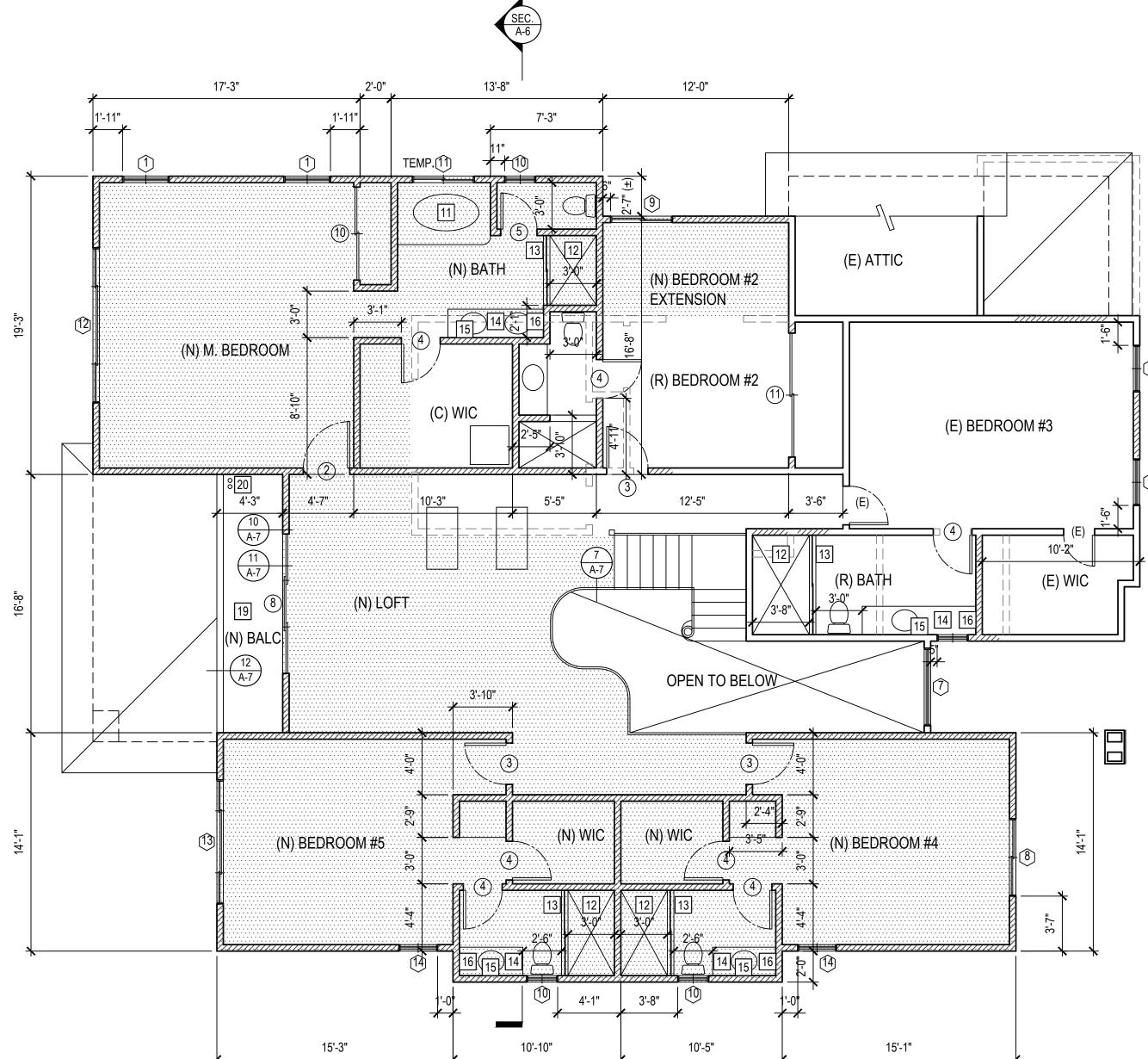
3/16" = 1'-0"





PROPOSED 2ND FLOOR PLAN

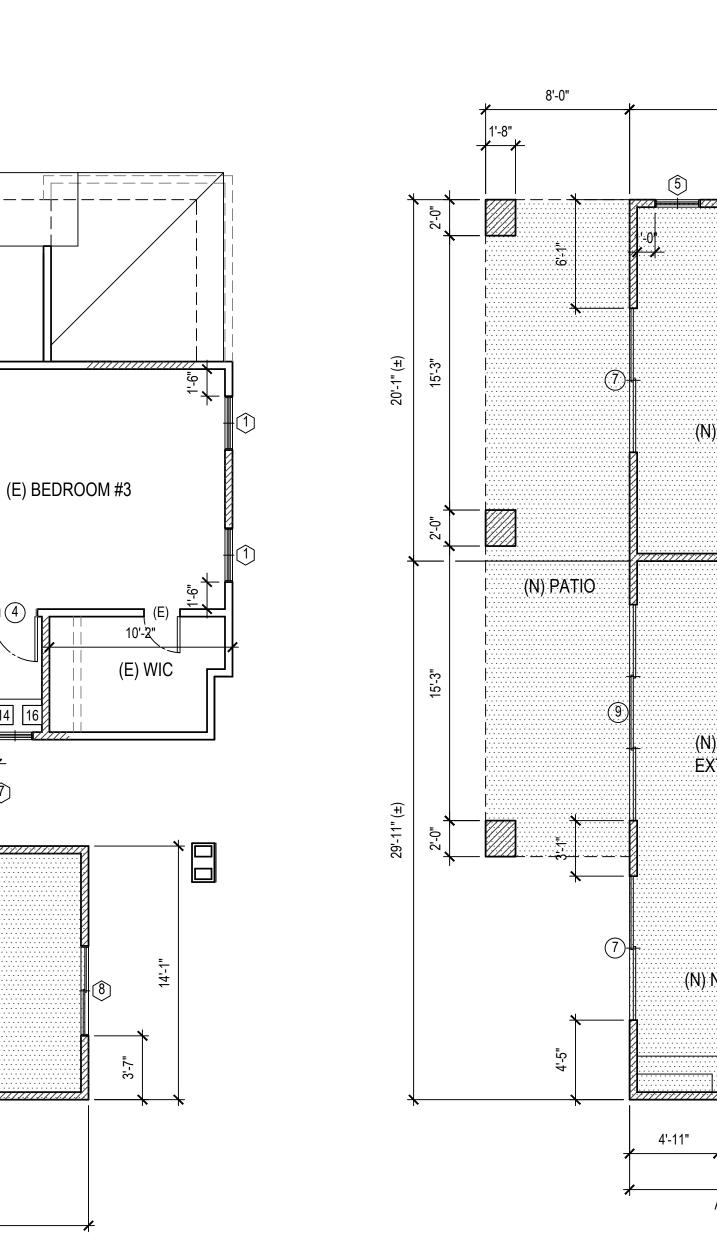
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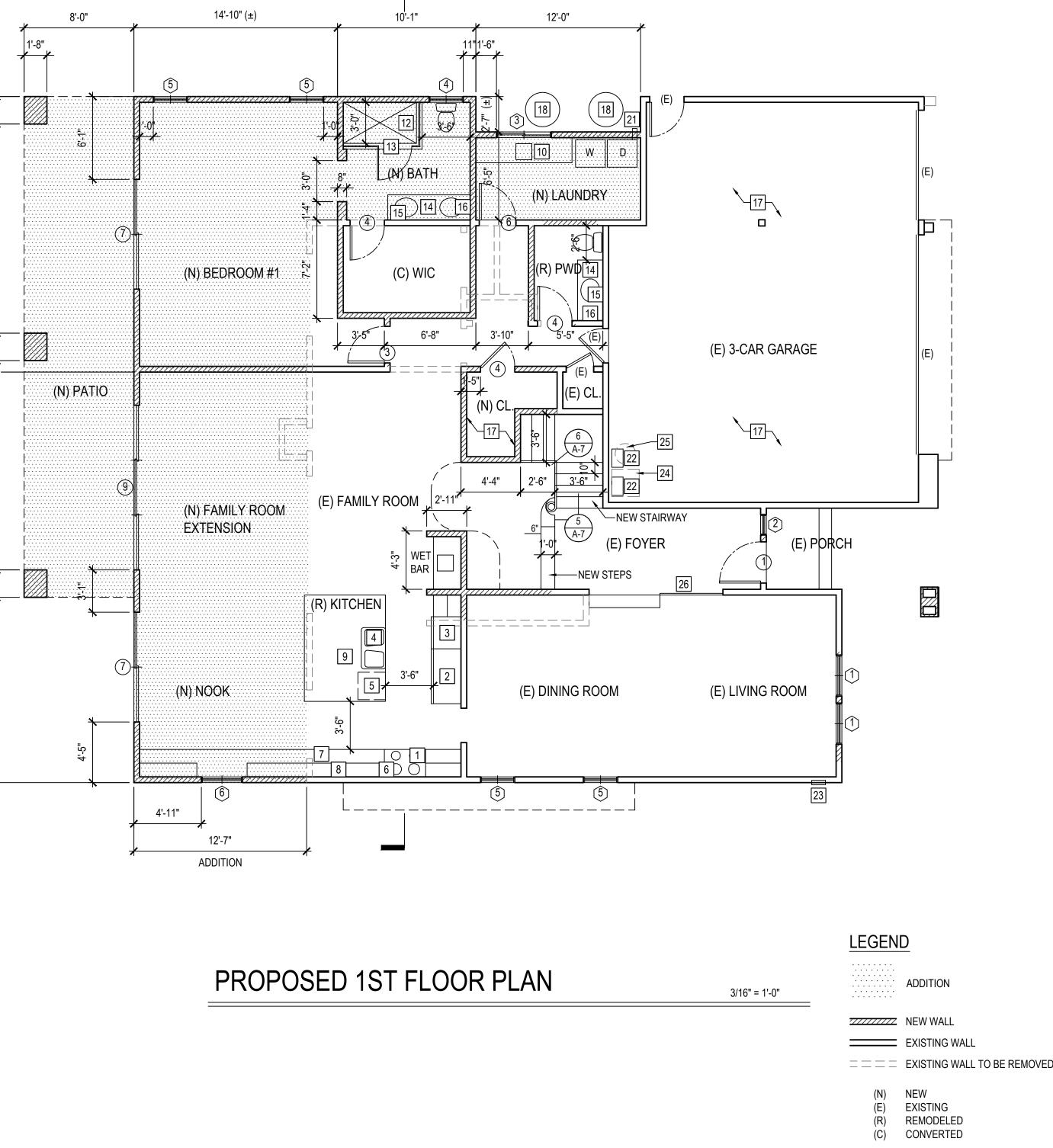


FLOOR PLAN NOTES:

- 1 GAS RANGE
- 2 REFRIGERATOR
- 3 MICROWAVE/OVEN
- 4 KITCHEN SINK
- 5 DISHWASHER
- 6 EXHAUST HOOD- EXHAUST FAN DUCTED TO THE OUTSIDE (NON-RECIRCULATING) WITH A MIN. VENTILATION RATE OF 100 CFM. USE 5" DUCT OR PER ASHRAE STANDARD 62.2 TABLE 7.1
- 7 36"H.X24"D. BASE CABINET (FULL-BACK SPLASH @ KITCHEN) W/ GRANITE COUNTER TOP
- 8 12"D. UPPER CABINET
- 9 ISLAND CABINET W/ GRANITE SLAB COUNTER TOP

- 10 LAUNDRY SINK
- 11 BATH TUB / WHIRLPOOL
- 12 SHOWER, OR TUB & SHOWER W/ TILE UP TO 72" H. IN. O/
- PLASTERING O/ #15 BUILDING PAPER
- 13 72"H. CLEAR TEMPERED GLASS SHOWER DOOR/ ENCLOSURE OVER 8" H. CURB
- 14 32"H.X22"D. BASE CABINET (6"H. SPLASH) W/ GRANITE
- COUNTER TOP 15 MIRROR
- 16 MEDICINE CABINET
- [17] 5/8" GYPSUM BOARD TYPE "X" ON WALLS AND CEILING AT





- ENCLOSED SPACE UNDER STAIRWAY AND AT GARAGE

- 18 A/C CONDENSER W/ CONC. PAD 3" MIN. ABOVE GRADE
- 19 WATERPROOFING, ENDURO KOTE, ER-4223, ADD NON-SLIP TILE @ BALCONY
- 20 3"Ø CAST-IRON FLOOR DRAIN & OVERFLOW. REF 12/A-7
- 21 4" Ø METAL DUCT VENT TO OUTSIDE
- 22 (N) GAS-FIRED TANKLESS WATER HEATER LOCATED 5' MIN. FROM FL. TO BOTT. OF WATER HEATER
- 23 (E) 200 AMP ELECTRICAL PANEL, CONTRACTOR TO VERIFY LOCATION W/ POWER COMPANY
- 24 REMOVE EXISTING FLOOR FURNACE
- 25 REMOVE EXISTING WATER HEATER
- 26 36" H. WROUGHT IRON RAILING



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19627 CASTLEBAR DR ROWLAND HEIGHTS, (

ROOM ADDITION

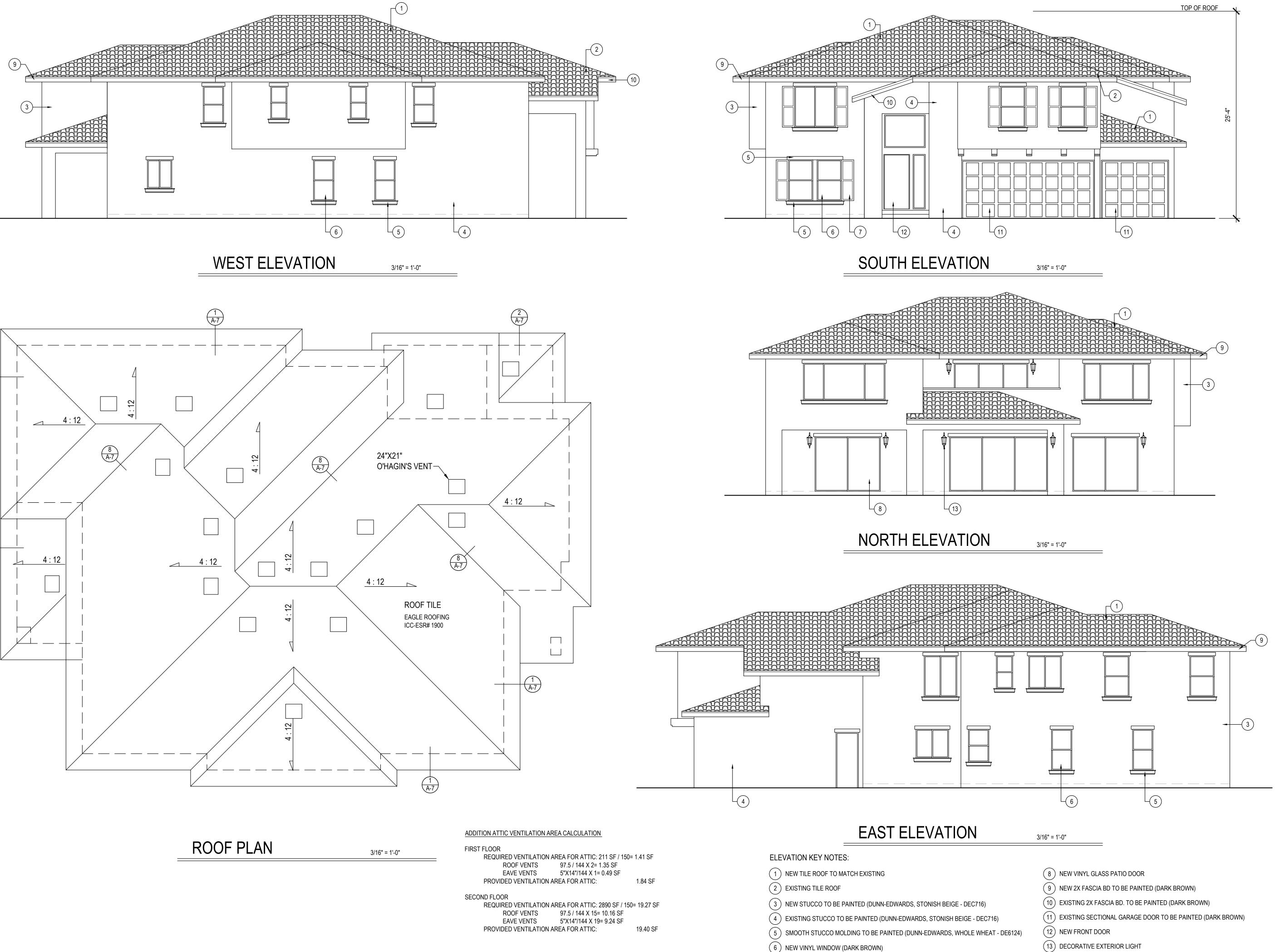
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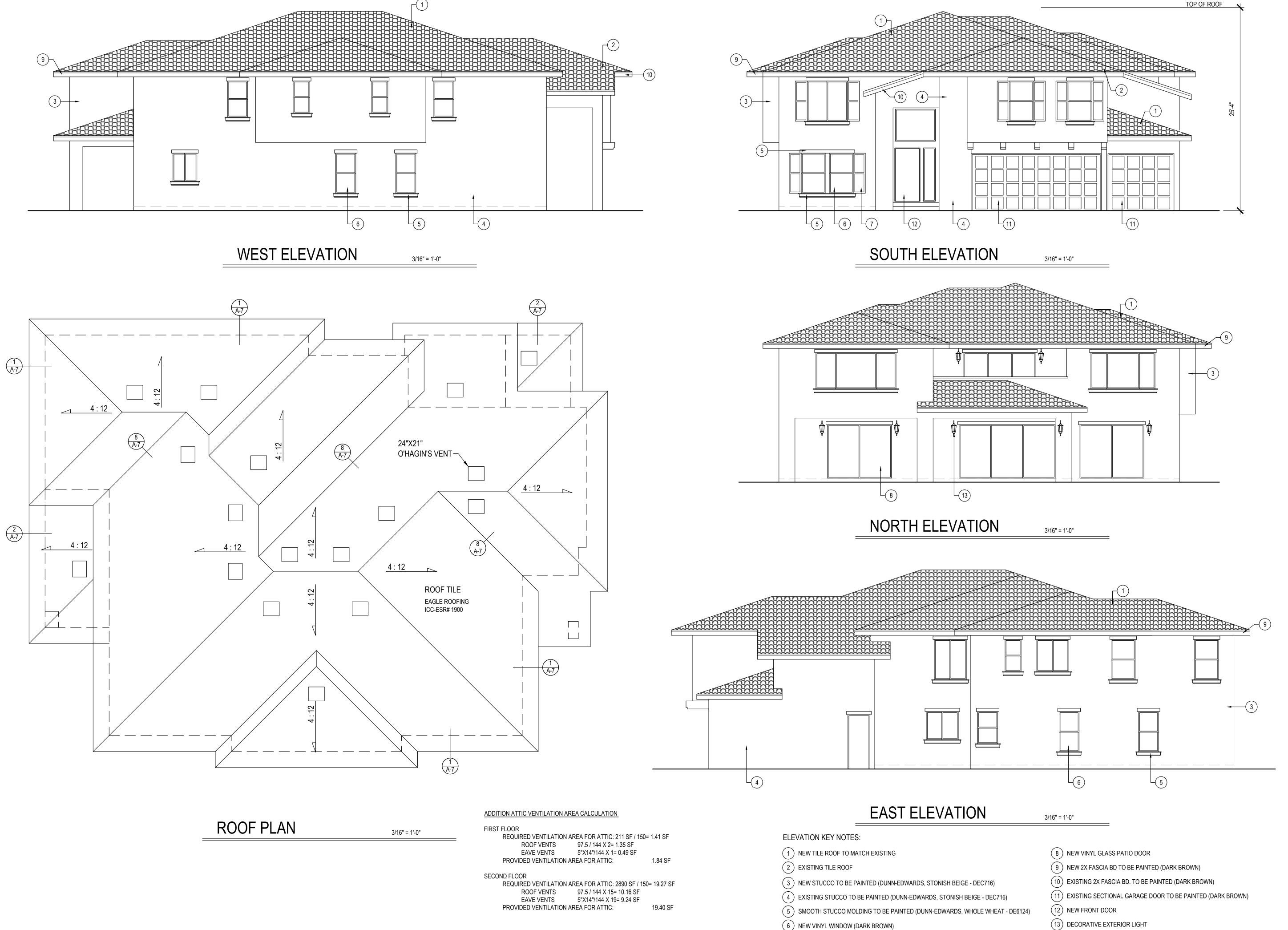
A-3

Sheets

Sheet

Of





- (6) NEW VINYL WINDOW (DARK BROWN)
- (7) WOOD SHUTTER (DARK BROWN)





A-4 Of Sheets

NOTES:

- 1. KITCHENS SHALL BE AT LEAST 50% OF HIGH EFFICACY LUMINARIES WITH SEPARATED CIRCUIT.
- 2. LIGHTING IN GARAGES. LAUNDRY ROOMS, AND UTILITY ROOMS SHALL BE HIGH EFFICACY LUMINARIES AND SHALL BE CONTROLLED BY VACANCY SENSORS.
- 3. A MINIMUM OF ONE HIGH EFFICACY LUMINAIRE SHALL BE INSTALLED IN EACH BATHROOM. ALL OTHER LIGHTING IN BATHROOMS SHALL BE HIGH EFFICACY OR CONTROLLED BY VACANCY SENSORS.
- 4. OTHER THAN IN KITCHENS, BATHROOMS, GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS SHALL BE HIGH EFFICACY LUMINARIES, OR CONTROLLED BY A DIMMER SWITCH, OR CONTROLLED BY VACANCY SENSORS.
- 5. OUTDOOR LIGHTING ATTACHED TO THE BUILDING SHALL BE HIGH EFFICACY OR SHALL BE CONTROLLED BY A MANUAL ON/OFF SWITCH, AN APPROVED PHOTO CONTROL AND APPROVED MOTION SENSOR PER 150.0(k)9A.
- 6. ELECTRONIC BALLASTS IF 13 WATTS OR MORE.
- 7. RECESSED CANS IN INSULATED CEILING "IC" TYPE & CERTIFIED AIRTIGHT
- 8. SWITCH ALL HIGH-EFFICACY LIGHTS SEPARATELY FROM LOW-EFFICACY LIGHTS.

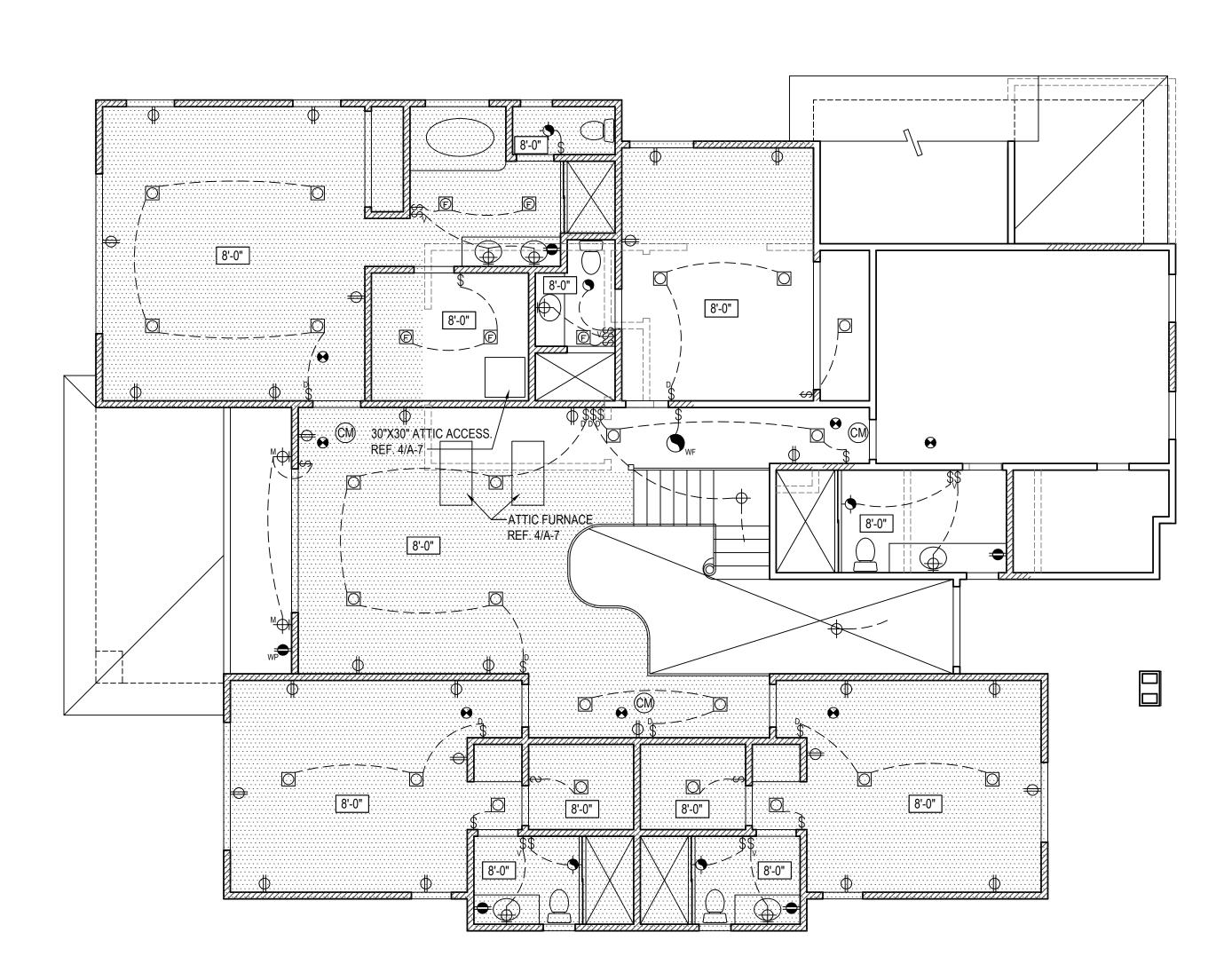
- 9. ALL LIGHTS SHALL BE HIGH EFFICACY (15 WATTS OR LESS PROVIDE 40 LUMEN PER WATT, 15-40 WATTS PROVIDE 50 LUMENS PER WATT, AND OVER 40 WATTS PROVIDE 60 LUMENS PER WATT) UNLESS PER NOTES 1, 2, 3, 4 ABOVE.
- 10. PROVIDE 'AFCI' PROTECTION TO ALL 125V, SINGLE-PHASE, 15- AND 20-AMPERE RECEPTACLES- CIRCUITS FOR THE BEDROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS THAT ARE AFFECTED BY THE CONSTRUCTION. APPLIED FOR THE ENTIRE CIRCUIT, NOT JUST THE OUTLETS.
- 11. ANY FIXED APPLIANCE SUCH AS DISPOSAL, DISHWASHER, CLOTHES WASHER, DRYER, BUILT-IN HEATERS, OR ANY OTHER FIXED APPLIANCE WITH 1/4 H.P. MOTOR OR LARGER, SHALL BE ON A SEPARATE #12 AWG WIRE BRANCH CIRCUIT.

12. HIGH EFFICACY LUMINARIES MUST BE PIN BASED.

- 13. ALL SHOWERS AND TUB-SHOWERS SHALL HAVE A PRESSURE BALANCE, THERMOSTATIC MIXING VALVE, OR A COMBINATION PRESSURE BALANCE/THERMAOSTATIC MIXING TYPE VALVE.
- 14. FIREBLOCKING IS REQUIRED IN CONCEALED SPACES 10' O.C. BOTH HORIZONTAL AND VERTICALLY AT THE CEILING AND FLOOR LEVELS. CONNECTIONS BETWEEN HORIZONTAL AND VERTICAL SPACES, CONCEALED SPACES BETWEEN STAIR AND LANDING, OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES, WIRES, CHIMNEYS AND FIREPLACES.

15. SMOKE DETECTORS SHALL SOUND AN ALARM AUDIBLE IN ALL AREAS OF THE BUILDING AND BE INTERCONNECTED.

18. STYLE AND SIZE OF CROWN MOLDING, BASE BOARD, DOOR/WINDOW CASING SHALL BE SELECTED BY THE OWNER.



2ND. FLOOR CEILING PLAN

16. THE LOCATIONS OF PHONE, TV, AND COMPUTER OUTLETS SHALL BE SELECTED BY THE OWNER.

17. PROVIDE CROWN MOLDINGS AT ALL ROOM EXCEPT W.I.C., REGULAR BATHROOM, OR PER OWNER'S REQUEST.

19. PROVIDE WALL RAISED PANEL (WAINSCOT) AT ENTRY AND FOYER.

20. MATERIAL/STYLE OF CABINET, SHELVES/POLES, COUNTER TOP, FLOOR/WALL COVERING SHALL BE SELECTED BY THE OWNER.

21. THE STYLE/ PATTERN OF INTERIOR HANDRAIL/ GUARDRAIL SHALL BE SELECTED BY THE OWNER.

22. PLUMBING FIXTURE, LIGHTING FIXTURE, KITCHEN APPLIANCE SHALL BE SELECTED BY THE OWNER.

23. WALL AND FLOOR COVERINGS SHALL BE SELECTED BY THE OWNER.

24. ALL DUCTS OPENINGS AND OTHER AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE PROTECTED DURING STORAGE ON THE CONSTRUCTION SITE UNTIL FINAL-UP WITH TAPE, SHEET METAL, OR OTHER ACCEPTABLE METHODS TO REDUCE THE AMOUNT OF DUST AND DEBRIS, WITH MAY COLLECT IN THE SYSTEMS.

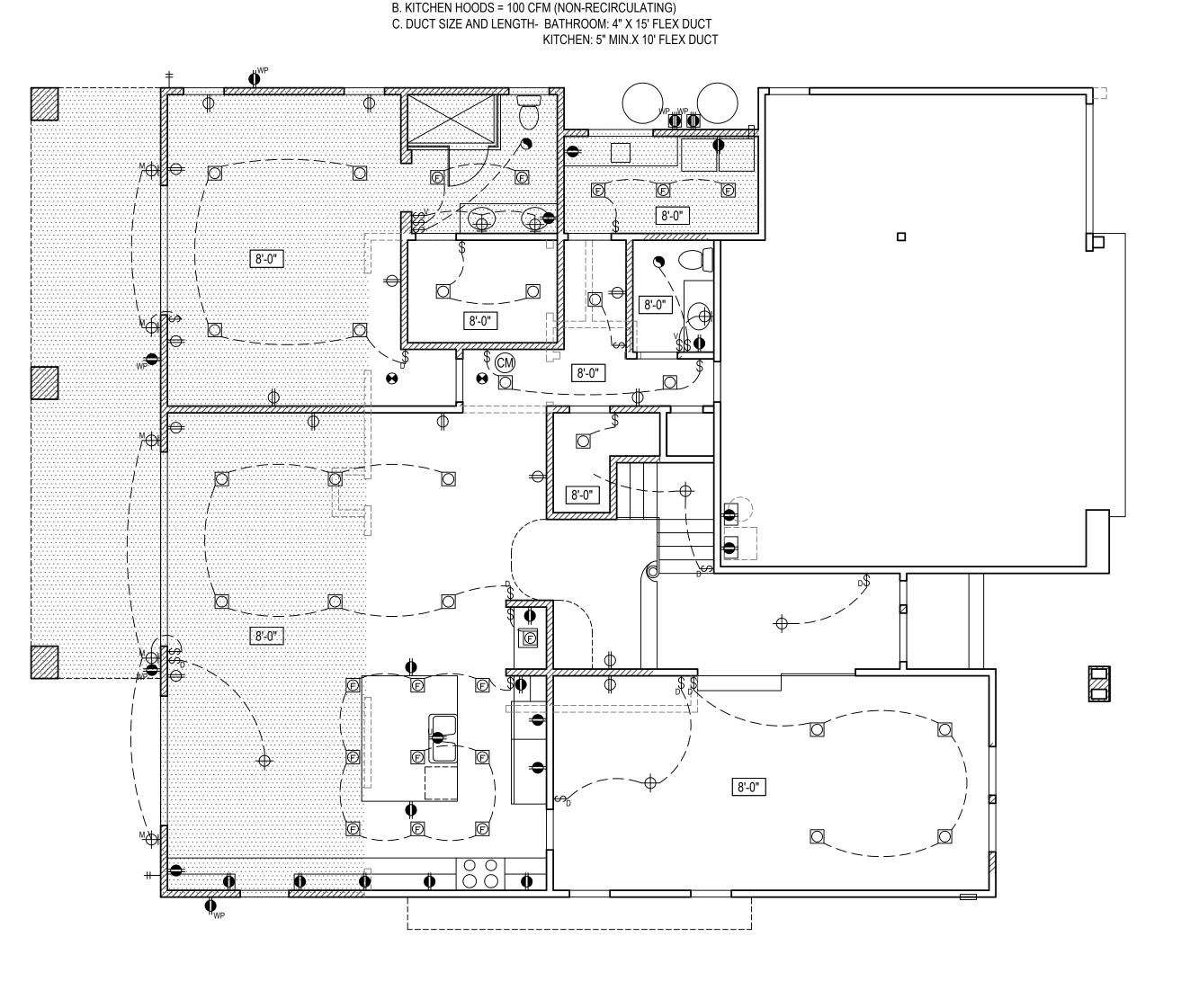
- 25. ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
- 26. JACUZZI TUB MOTOR SHALL BE GFCI PROTECTED WITH #8 AWG.
- 27. ALL 120V 15A AND 20A RECEPTACLES SHALL BE LISTED TAMPER RESISTANT RECEPTACLES.
- 28. ALL WATER CLOSETS TO BE INSTALLED SHALL BE SINGLE FLUSH TOILETS NOT TO EXCEED 1.28 GALLONS PER FLUSH.
- 29. ALL SHOWER HEADS TO BE INSTALLED SHALL NOT EXCEED A WATER SUPPLY RATE OF 2.0 GALLONS PER MINUTE.
- 30. HVAC AND REFRIGERATION EQUIPMENT SHALL NOT CONTAIN CFC.
- 31. BATHROOM OUTLETS SHALL BE FED BY AT LEAST ONE 20A DEDICATED CIRCUIT WITH NO OTHER OUTLETS.
- 32. KITCHEN COUNTERTOP OUTLETS SHALL BE FED BY AT LEAST TWO DEDICATED 20A SMALL APPLIANCE CIRCUITS WITH NO OTHER OUTLETS.
- 33. LAUNDRY ROOM OUTLETS SHALL BE FED BY AT LEAST ONE 20A DEDICATED CIRCUIT.

VENTILATION FOR INDOOR AIR QUALITY

LOCAL VENTILATION

WHOLE HOUSE VENTILATION A. Qr = 0.01 X 4,479 + 7.5 X (6 + 1) = 97.29 CFM B. PROVIDE WHOLE HOUSE FANS: AIRKING AK150LS C. DUCT SIZE AND LENGTH: 6" X 20' FLEX DUCT

A. BATHROOM FANS = 50 CFM SWITCHED



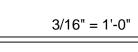
1ST. FLOOR CEILING PLAN

3/16" = 1'-0" #'-#" CEILING HEIGHT

REVISION DATE



- \$ LIGHT SWITCH
- LIGHT SWITCH W/ DIMMER
- LIGHT SWITCH CONTROLLED BY OCCUPANT SENSORS
- LIGHT SWITCH CONTROLLED BY VACANCY SENSORS
- 110V AFCI DUPLEX RECEPTACLE OUTLET
- 110V G.F.I. ELECTRIC OUTLET
- G.F.I. ELECTRIC OUTLET UNDER COUNTERTOP
- 220V HARDWIRED DISCONNECT, WEATHERPROOF
- \square DUPLEX CEILING OUTLET
- \oplus WALL-MOUNTED LIGHT
- Φ_{M} Wall-mounted light W/ Photocontrol/motion sensor combination
- \bigcirc RECESSED CEILING LIGHT
- Ē FLUORESCENT RECESSED CEIL'G LT.- PIN-BASED SOCKETS
- EXH. FAN, FLUOR. LT. AIRKING VENTILATION PRODUCT MODEL AKF80LS, 80 CFM, 1.0 SONES SEPARATE SWITCHES
- \oplus CHANDELIER CEILING LIGHT
- $\mathbf{\Theta}$ SMOKE DETECTOR - SHALL BE INTERCONNECTED HARD-WIRED WITH BATTERY BACKUP AND SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72. OOOR BELL
- GARAGE DOOR OPENER CONTROL ٥
- CM CARBON MONOXIDE ALARM, UL 2034/2075 RATED - SHALL BE INTERCONNECTED HARD-WIRED WITH BATTERY BACKUP.

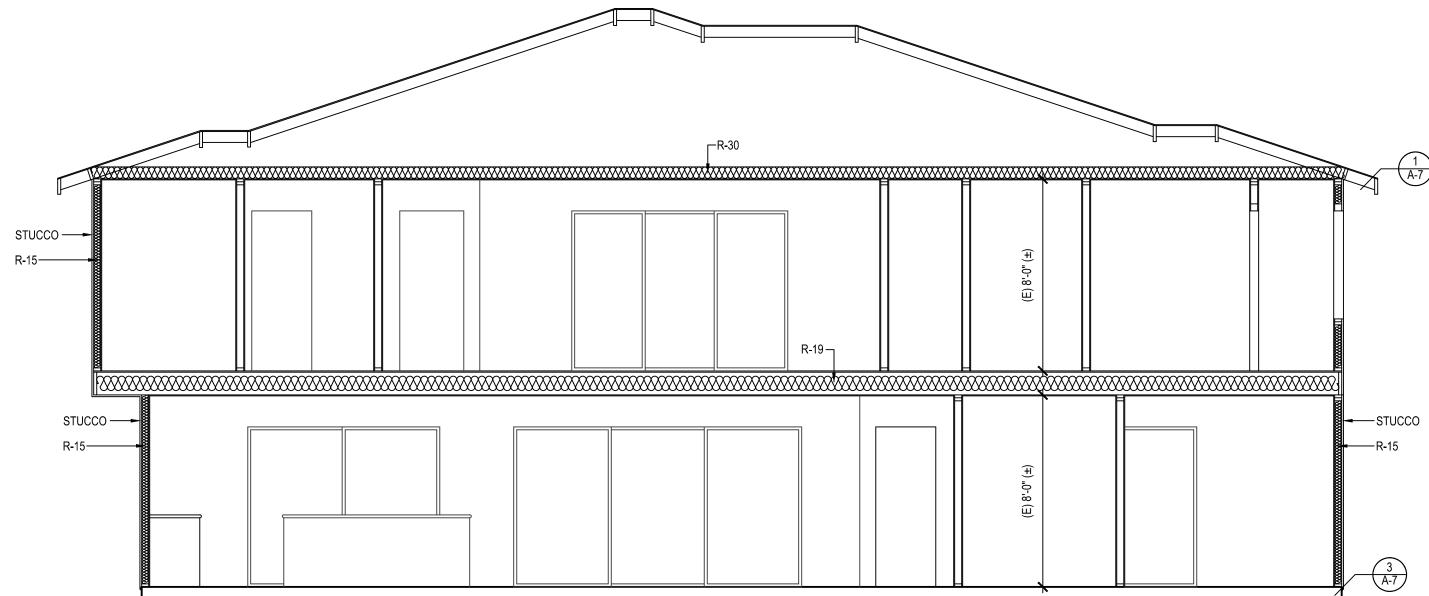


#'-#" CEILING HEIGHT





Of



	DOOR SCHEDULE							
	WХH	TYPE	CONSTR.	THK.	FINISH	REMARKS		
1	3'-0" X 6'-8"	SWING	S.C.	1-3/4"	PAINT	THRESHOLD, WEATHER STRIPP'G		
2	3'-0" X 6'-8"	SWING	S.C.	1-3/8"	PAINT			
3	2'-8" X 6'-8"	SWING	S.C.	1-3/8"	PAINT			
4	2'-6" X 6'-8"	SWING	H.C.	1-3/8"	PAINT			
5	2'-4" X 6'-8"	SWING	H.C.	1-3/8"	PAINT			
6	2'-8" X 6'-8"	SWING	S.C.	1-3/8"	PAINT	100 SI. VENT EA. WITHIN 12" FROM TOP & BOT		
7	8'-0" X 6'-8"	SLIDING	PATIO GLASS DOOR		PAINT	DUAL TEMPERED GLASS		
8	9'-0" X 6'-8"	SLIDING	PATIO GLASS DOOR		PAINT	DUAL TEMPERED GLASS		
9	12'-0" X 6'-8"	SLIDING	PATIO GLASS DOOR		PAINT	DUAL TEMPERED GLASS		
(10)	6'-0" X 6'-8"	SLIDING	WARDROBE DOOR	1-3/8"	PAINT			
(11)	8'-0" X 6'-8"	SLIDING	WARDROBE DOOR	1-3/8"	PAINT			

NOTE: SEE STRUCTURAL PLANS FOR STRUCTURAL MEMBERS.

SECTION _____

WINDOW SCHEDULE									
	WXH	TYPE	FRAME	FINISH	GLASS	SILL HT	U-FACTOR	SHGC	REMARKS
	3'-0" X 5'-0"	SINGLE HUNG	VINYL	DARK BROWN	DUAL, CLR.	1'-8"	0.32	0.25	
2	1'-6" X 6'-8"	FIXED	VINYL	DARK BROWN	DUAL, CLR.	0'-0"	0.32	0.25	TEMPERED
3	4'-0" X 3'-6"	SLIDING	VINYL	DARK BROWN	DUAL, CLR.	3'-2"	0.32	0.25	
4	2'-6" X 4'-0"	SINGLE HUNG	VINYL	DARK BROWN	DUAL, CLR.	2'-8"	0.32	0.25	
5	2'-6" X 5'-0"	SINGLE HUNG	VINYL	DARK BROWN	DUAL, CLR.	1'-8"	0.32	0.25	
6	3'-0" X 3'-6"	SLIDING	VINYL	DARK BROWN	DUAL, CLR.	3'-2"	0.32	0.25	
7	5'-0" X 4'-0"	FIXED	VINYL	DARK BROWN	DUAL, CLR.	7'-6"	0.32	0.25	
8	5'-0" X 5'-0"	SLIDING	VINYL	DARK BROWN	DUAL, CLR.	1'-8"	0.32	0.25	
9	4'-0" X 5'-0"	SLIDING	VINYL	DARK BROWN	DUAL, CLR.	1'-8"	0.32	0.25	EGRESS REQ.
(10)	2'-0" X 4'-0"	SINGLE HUNG	VINYL	DARK BROWN	DUAL, CLR.	2'-8"	0.32	0.25	
(11)	4'-0" X 4'-0"	SLIDING	VINYL	DARK BROWN	DUAL, CLR.	2'-8"	0.32	0.25	TEMPERED
(12)	10'-0" X 4'-6"	SLIDING/FIXED	VINYL	DARK BROWN	DUAL, CLR.	2'-2"	0.32	0.25	
(13)	8'-0" X 4'-6"	SLIDING/FIXED	VINYL	DARK BROWN	DUAL, CLR.	2'-2"	0.32	0.25	EGRESS REQ.
(14)	2'-6" X 4'-6"	SINGLE HUNG	VINYL	DARK BROWN	DUAL, CLR.	2'-2"	0.32	0.25	

1/4" = 1'-0"

ALL WINDOWS SHALL BE N	EW

** SILL HT. SHALL BE MEASURED FROM F. FLOOR





3 A-7

