All Construction to remain unless otherwise noted.

The Governing Codes for this project are the 2016 Edition of California Building Code (CBC), 2016 CMC, 2016 CPC, 2016 CEC, and 2016 T—24 Energy Conservation Regulations and City Ordinances.

New Construction to be Type V—B.

Provide R-13 Insulation on Exterior Walls. Provide R-19 Under raised floor area. Provide R-30 Insulation on Ceiling.

Provide Hard wired smoke detectors (Battery Backup) in all sleeping rooms located in adjacent hallway. Provide battery operated smoke detectors in existing bedrooms. Detectors shall sound an alarm audible in all sleeping areas of the unit.

Provide 1.6 Gal. Per flush water closets.

Bathrooms are required to be mechanically ventilated with a minimum 50 cfm intermittent or 25 cfm continuous

All Branch circuits that supply 125 volt, single phase, 15 and 20 ampere outlets shall be protected by Arc-Fault Circuit Interrupter (s) [CEC 210.12]

Bathrooms and Kitchens shall have Fluorescent Lighting with at least 40 Lumens per watt.

Bathroom Receptacles shall be served by Dedicated 20amp Circuits—NEC Section 210—52(d). (CEC 210—11C3). 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. Each dwelling unit shall have installed therein an individual disposal circuit supplied with

a minimum #12 AWG wire and a 15 AMP indicating—type switch. [CEC 210—23 & 220] 15) Shower walls must be finished to a height of 70" above drain inlet and moisture resistive tile or

approved equal. Glass Enclosure doors and panels must be 1/8" full tempered. 16) All glazing less than 60° above a shower or tub floor shall be safety glazing. [CBC 2406.3. ITEM 5]

17) Control valves for shower and tub — shower shall be of the pressure balance or thermostatic mixing valve type.

Max Temperature 120.. Sec 410.7 UPC.

TABLE 2304.9.1-continued

	FASTENING SCHEDULE			
CONNECTION	FASTENING ^{O,TR}	LOCATION		
17. Celing joists, laps over partitions (see Section 2308.10.4.1, Table 2308.10.4.1)	3 16d common (3 1/2" x 0.162") minimum, table 2308.10.4.1 4 - 3" x 0.131" nails 4 - 3" x gage staples	face nail		
18. Celing joists parallel rafters (see Section 2308.10.4.1, Table 2308.10.4.1)	3- 16d common (3 1/2" x 0.162") minimum, table 2308.10.4.1 4 - 3" x 0.131" nails 4 - 3" 14 gage staples	face nail		
19. Rafters to plate (see Section 2308.10.4.1, Table 2308.10.4.1)	3- 8d common (2 1/2" x 0.131") 3 - 3" x 0.131" nails 3 - 3" 14 gage staples	face nail		
20. 1" Diagnal brace to each stud plate	3- 8d common (2 1/2" x 0.131") 3 - 3" x 0.131" nails 3 - 3" 14 gage staples	face nail		
21. 1" x 8" sheathing to each bearing	3- 8d common (2 1/2" x 0.131")	face nail		
22. Wider than 1" x 8" sheathing to each bearing	3- 8d common (2 1/2" x 0.131")	face nail		
23. Build-up corner study	16d common (3 1/2" x 0.162") 3" x 0.131" nailS 3" 14 gage staples	24" o.c. 16" o.c. 16" o.c.		
24. Build—up girder and beam	20d common (4" x 0.192") 32" o.c. 3" x 0.131" nail at 24" o.c. 3" 14 gage staple at 24" o.c.	face nail at ends and at each splice on apposite sides		
1	2- 20d common (4" x 0.192") 3 - 3" 14 x 1.131" nails 3 - 3" 14 gage staples	face nail at top and bottom staggered at each bearing		
25. 2* Planks	16d common (3 1/2" x 0.162") 4 - 3" 14 x 0.131" noils 4 - 3" 14 gage staples	face nail		
	3- 10d common (3" x 0.148") 4 - 3" 14 x 0.131" nails 4 - 3" 14 gage staples	toenaî!		
27. Jack rafter to hip	2- 16d common (3 1/2" x 0.162") 3 - 3" 14 x 0.131" nails 3 - 3" 14 gage staples	face nail		
28. Roof rafters to 2-by ridge beam	2- 16d common (3 1/2" x 0.162") 3 - 3" 14 x 0.131" naïs 3 - 3" 14 gage staples	toenail		
	2- 16d common (3 1/2" x 0.162") 3 - 3" 14 x 0.131" nails 3 - 3" 14 gage stoples	face nail		
29. Joist to band joist	3- 16d common (3 1/2" x 0.162") 4 - 3" 14 x 0.131" nails 4 - 3" 14 gage staples	face nail		

19) Building Address shall be provided on the building in such a position as to plainly be visible and legible from the street 4" tall and automatically illuminated numbers. 20) Glazing in Hazardous locations shall be tempered. (2406.4) a. Ingress and egress doors

c. doors and enclosure for hot tub, bathtub, showers (also glazing in wall enclosing these compartments within 5' of standing surface) 1115.B.9.8.
d. if within 2' of vertical edge of closed door and within 5' of standing surface.

SHEAR WALL CHART PER IBC 2012 & CBC 2013										
SHEAR- WALL No.	SHEAR-WALLTYPE	NAILING PATTERN		SHEAR- WALL	Top Plate Connection	Sole Plate w/ 16d Nalling or	2x mud Sill (N) Ftng. w/	Mud Sill (E) Ftng, w/		
		Edge Nalling	Field Nalling	VALUE (plf)	LTP4/A35 w/ 8d nalls (1-1/2" x .131 dla.)	0002000	%'Dia. A.B., U.N.□.			
1	% CEMENT PLASTER (STUCCED PAPER BACK METAL LATH w/ 16ga STAPLES & 6' D.C. 18 ALL STUBS , TOP & BOT PLATE PLUS EDGE BLOCKINGS	6" o.c.	12 " o.c.	180	48 [°] o.c.	16d € 12° o.c.	60° o.c.	60 ″ o.c.		
2	3/8" Structural 1 w/ 8d	6" ac.	12" o.c.	200	32″ o.c.	16d @ 6" o.c.	48″ 0.⊏	48" o.c.		
3	15/32" Structural 1 w/ 8di	6° o.c.	12' o.c.	280	24 " o.c.	16d @ 4" o.c.	48" o.c.	32° o.c.		
4	15/32' Structural 1 w/ 8d	4" p.c.	12° o.c.	430	16° o.c.	SDS @ 12" o.c.	32" o.c. */ 3x Sill	24° o.c.		
5	15/32" Structural 1 w/ 8d	3, 0'€'	12" 0,c,	550	12" o.c.	2D2 & 8, o'c'	32" o.c. w/ 3x SIII	24 ° o.c.		
6	15/32" Structural 1 w/ 8d	2" o.c.	12" o.c.	730	8° o.c.	SDS 6 8, o'c'	24" D.C. W/ 3x Sill	16° o.c.		
7	15/32" Structural 1 w/ 10d	6* o.c.	12° o.c.	340	16" o.c.	16d @ 4" o.c.	48" o.c.	32° o.c.		
8	15/32" Structural 1 w/ 10d	4" Q.C.	12° o.c.	510	12" o.c.	SDS @ 12" o.c.	%√ 3× 2∥(32″ o.⊏,	24° o.c.		
9	15/32' Structural 1 w/ 10d	3° o.c.	12° o.c.	665	12" o.c.	SDS @ 8" o.c.	32° 0,C, w/ 3x SIII	24° o.c.		
10	15/32' Structural 1 w/ 10d	2° 0.c.	12" o.c.	870	8' o.c.	SDS 6 6, o'c'	24" o.c.	16° o.c.		

1. Use only common malls 8d (2-1/2'x 131' dla), 10d (3'x 141' dla), 16d (3-1/2'x 161' dla)

2. Nalls shall be placed not less than ½" from the panel edges
and not be less than ¾" from edge of studs for shearwalls >350 plf
Nalls shall be placed not less than ¾" from the panel edges

and not be less than 1/4 from the edge of studs for shearwalls (= 350 plf 3. Nalls or Screws shall not be less than 1/4 from the edge of connecting member 4. Simpson wood Screw to be SIS25800 (ESR-2236, LARR-25711)

No pre-drilling required, Minimum thickness side member is 1-1/2", blocking or rim joist

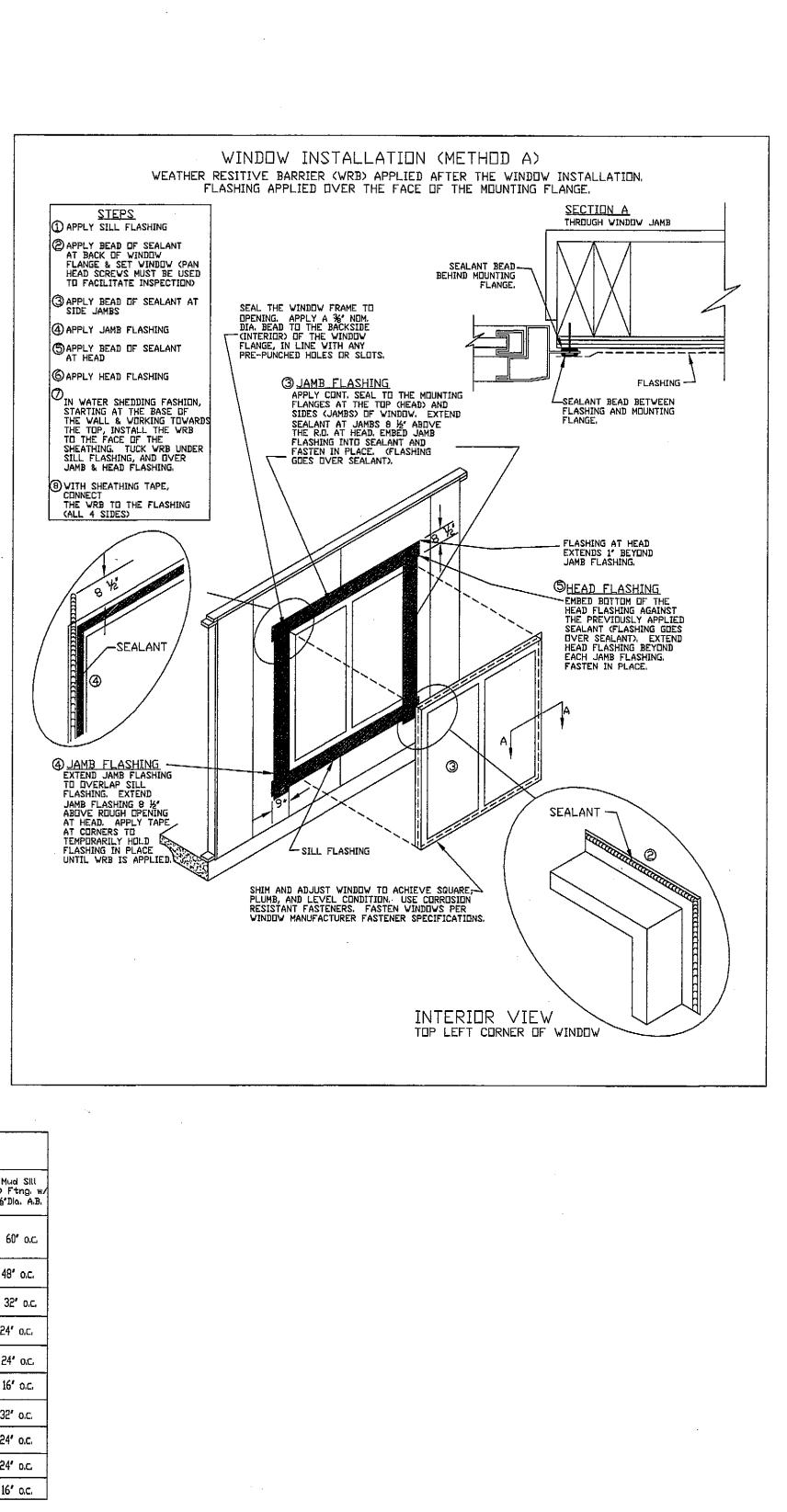
Minimum thread penetration is 3-14' for full capacity 5. For new shearwalls > 350 plf require 3x foundation sill plate and 3x studs between

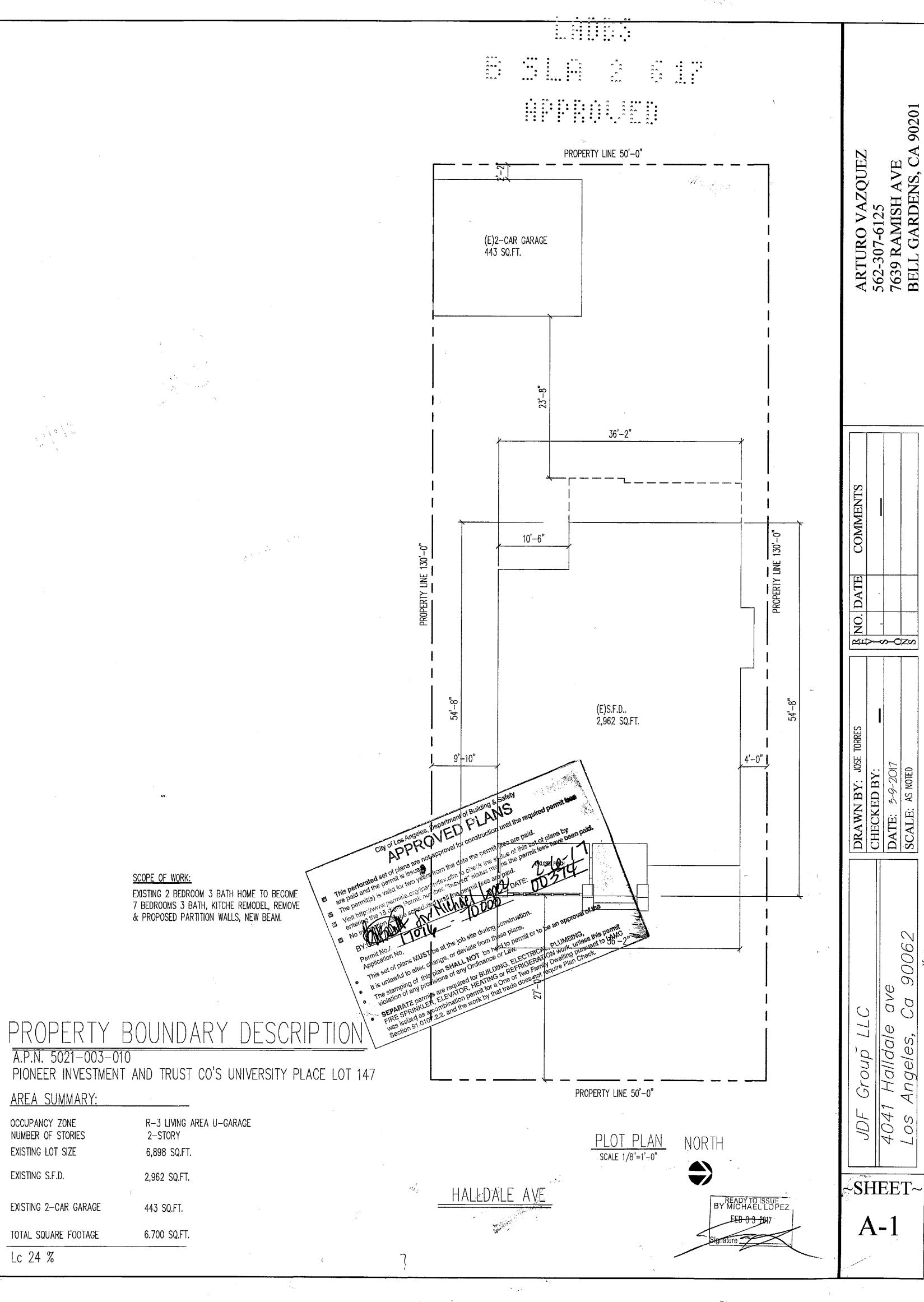
adjacent panel edges 6. For existing stud walls with sheawalls > 350 plf, add 2x member between studs at foundation sill plates and use SDS2580 screws per schedule. Use 1 anchor per bay

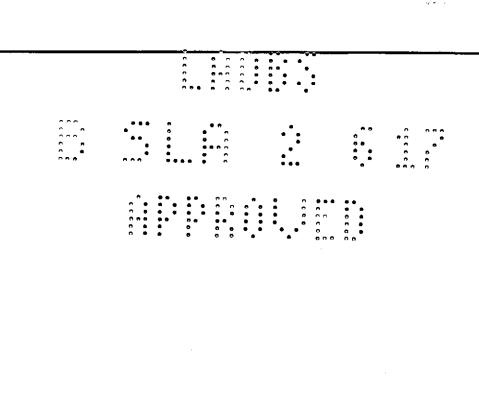
and sister new 2x stud to (E) with 16d nails @ 6° o.c. 7. A.B. to have 7° min. enbedment into concrete

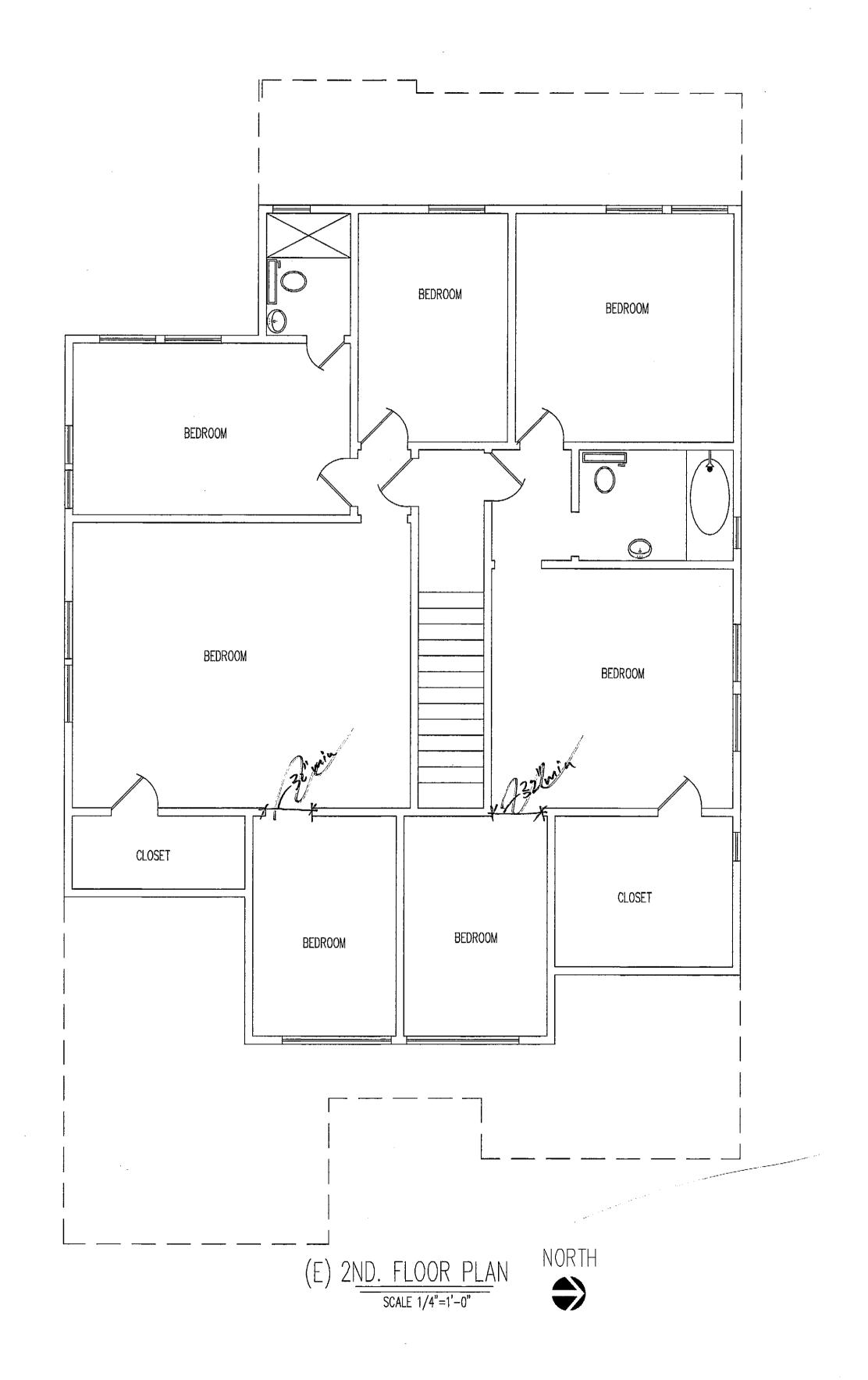
8. Use simposn epoxy set or equal @ (E) Ftgs. w/ 4" min, embedment 9. Anchor boits in shearwalls to have min. 1/4" x 3" x 3" plate washers

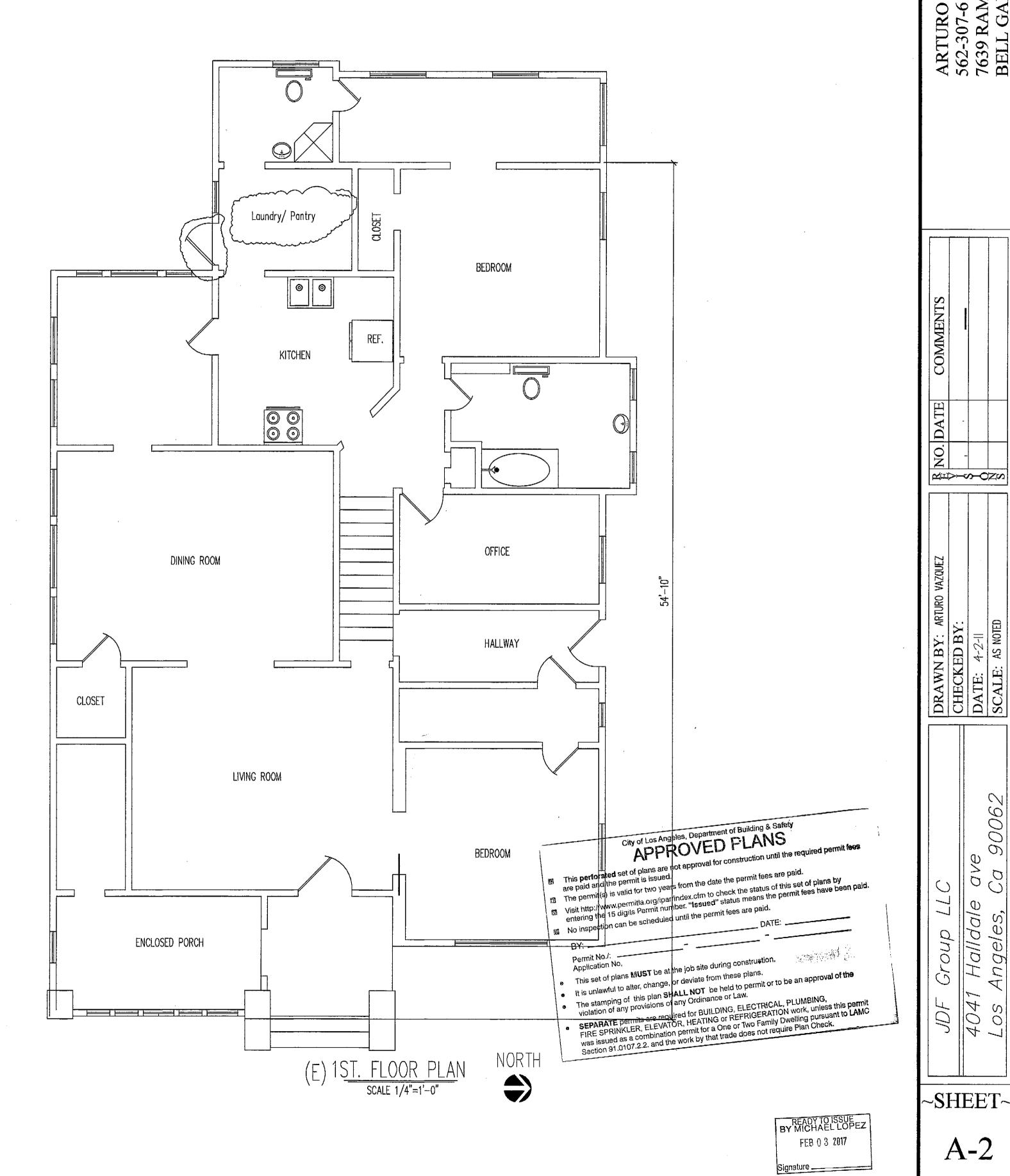
10. Galvanized nails shall be not dipped or thumbled 11. 1-1/2" minimum nalling penetration into framing member is required for 10d nalls 1-1/8" minimum nalling penetration into framing member is required for 8d nalls b. panels in sliding or swinging doors.

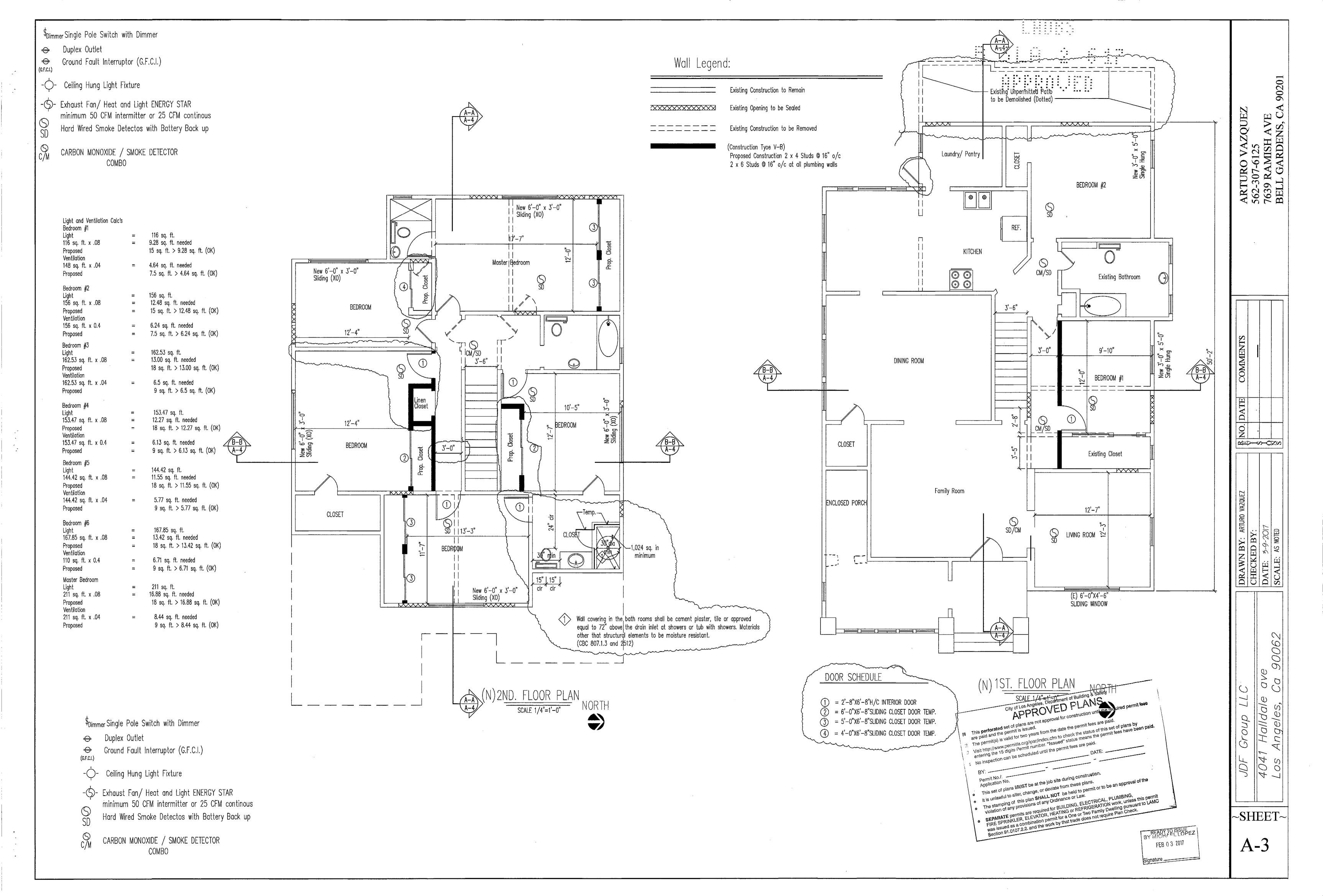


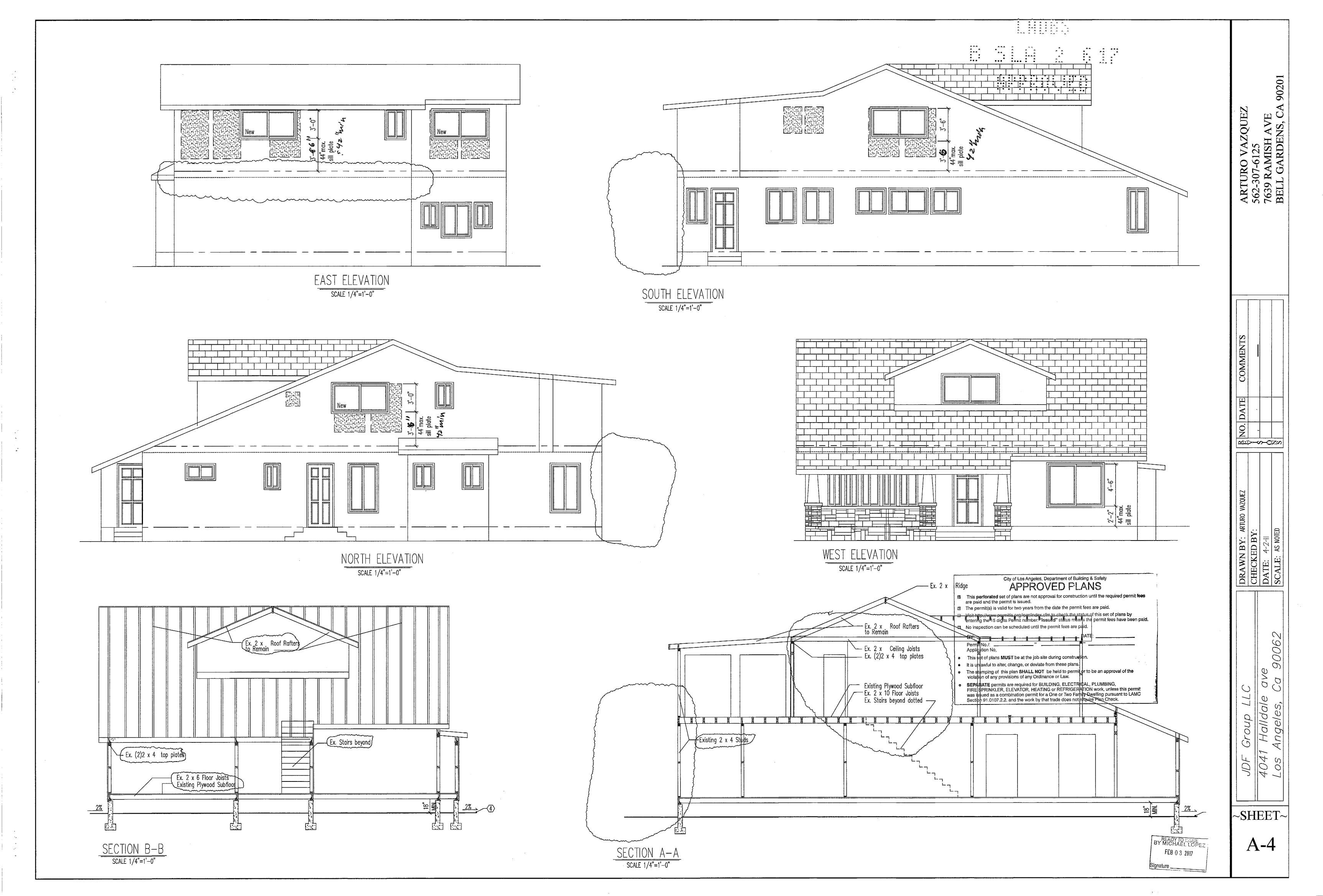


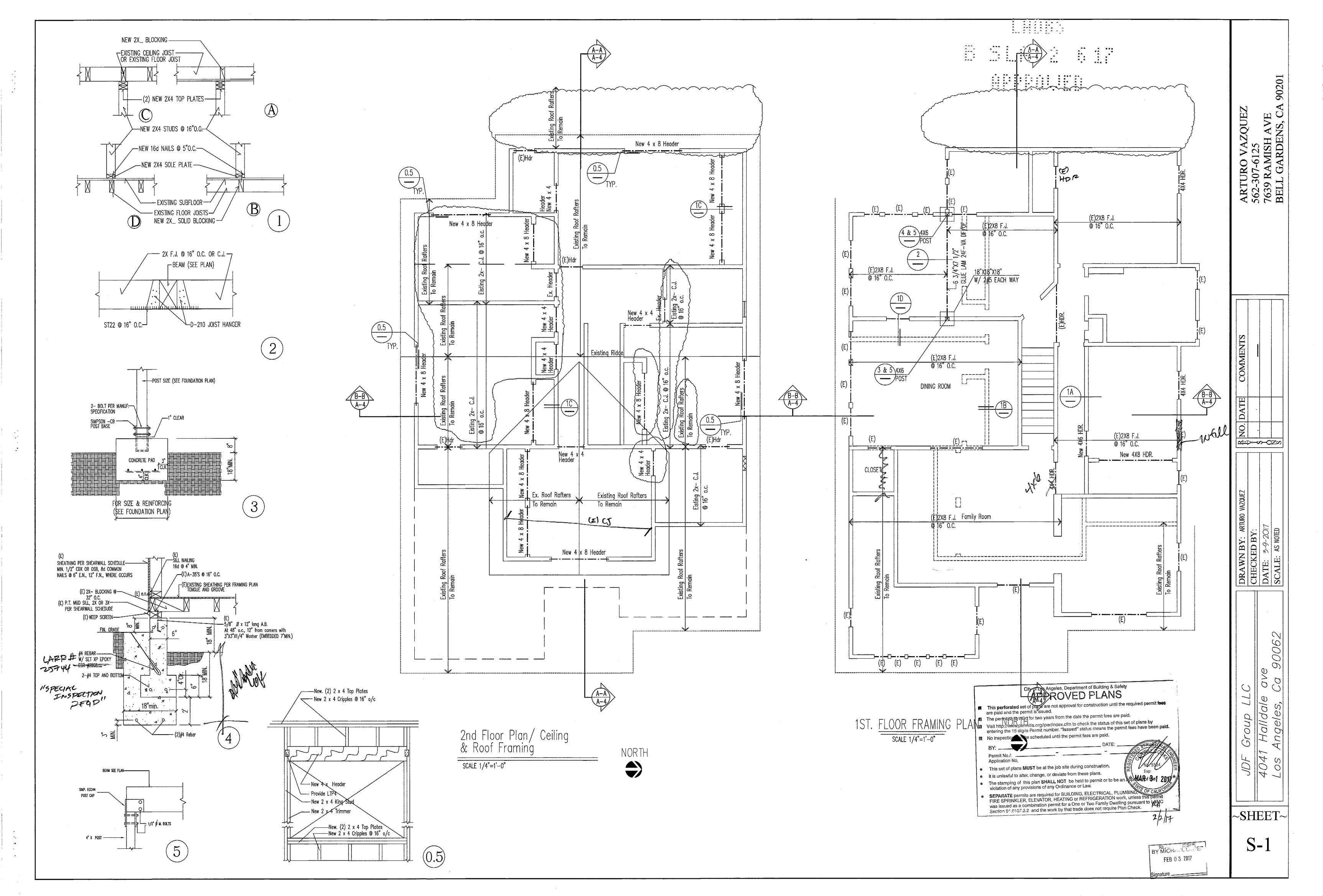












at the job site.

Security Requirements (2014 LABC) 1. All entry doors to dwelling units or quests rooms shall be arranged so that the occupant has a view of the area immediately outside the door without Apening the door. Such view may be provided by a door viewer, through windows located in the vicinity of the door or through view ports in the doer or edijoining wall. (6706) 2. Screens, barricades, or fences made f a material which should preclude human climbing shall be provided at every portion of every roof, balcony, or similar surface which is within 8 ft of the utility pole or similar structures. (6707) 3. Wood flush-type doors shall be 1-3/ຊື່, ຊື່ກ່າວຮູ້ ຈັກຫຼິ້ງເກັດເຫຼື້ ຈັດເປັ core construction. 91.6709.1 - Door stops of in-swinging doors shall be of one-piece construction with the jame or joined be rabbet in the jame. (6709.4) 4. Every door in a security opening for an apartment house shall be provided with a light bulb (60 watt min.) At maximum height of 8 feet on the exterior (6708) 5. All pin-type door hinges accessible form outside shall have non-removable hinge pins. Hinges shall have min ½" dia. steel jamb stud with 4" min. protection. The strike plate for latches and holding device for projecting dead bolts in wood construction shall be secured to he jamb and the wall framing with screws no less than 2-1/2" long. (6709.5, 6709.7) 6. Provide dead bolts with hardened inserts; deadlocking latch with key-operated on exterior. Doors must be operable from the inside without a key, special knowledge, or special effort (latch not required in B. F. and S occupancies), (6709.2) 7. Straight dead bolts shall have a min. throw of 1" and an embedment of not less than \$", and a hook—shaped or an ARTURO VAZQUEZ 562-307-6125 7639 RAMISH AVE BELL GARDENS, CA expanding-lug deadbolt shall have a minimum throw of $\frac{1}{4}$ ". (6709.2) 8. Wood panel type doors must have panels at least $\frac{1}{16}$ in, thick with shaped portions not less than $\frac{1}{4}$ in, thick and individual panels must be no more than 300 sq. in. in area. Mullions shall be considered a part of adjacent panels except mullions not over 18 inches long may have an overall width of not less than 2 inches. Stiles and rails shall be of solid lumber in thickness with overall dimensions of not less than 1-3/8 inches and 3 inches in width. (91.6709.1 Item 2) 9. Sliding doors shall be provided with a device in the upper channel of the moving panel to prohibit raising and removing of the moving panel from track while in the closed position. (6710) 10. Sliding glass doors panels shall be closed and locked when subjected to the tests specified in Sec. 6717.1) 11. Metal or wooden overhead or sliding doors shall be secured with a cylinder lock, padlock with a min, \S " diameter hardened steel shackle and bolted, hardened steel hasps, metal slide board, bolt or equivalent device unless secured electrically operated. (6711) 12. Provide metal guides at top and bottom of metal accordion grate or grille—type doors and cylinder locks or padlocks. Cylinder guards shall be installed on all cylinder locks whenever the cylinder projects beyond the face of the door or is otherwise accessible to gripping tools. (6712) 13. In Group B, F, M and S occupancies, panes of glazing with at least one dimension greater than 5 in. but less than 48 in. shall be constructed of tempered or approved burglary—resistant material or protected with metal bars or grilles. (6714) 14. Glazed openings within 40" of the required locking device of the door, when the door is in the closed and locked position and when the door is openable from the inside without use of a key, shall be fully tempered alass per Section 2406, or approved burglary resistant material, or shall be protected by metal bars, screens or grilles having a maximum opening of 2". The provisions of this section shall not apply to slide glass doors which conform to the provisions of Section 6710 or to view ports or windows which do not exceed 2" in their greater dimensions. (6713) 15. Louvered windows shall be protected by metal bars or grilles with openings that have at least one dimension of 6" or less, which are constructed to preclude human entry. (6715.3) 16. Other openable windows shall be provided with substantial locking devices. In Group B, F, M and S occupancies, such devices shall be glide bars, bolts, cross—bars, and/or padlocks with a minimum 🐉 hardened steel shackles and bolted, hardened steel hasps. 17. Sliding windows shall be provided with non-locking devices. A device shall be installed in the upper channel of the moving panel to prohibit raising and removing of the moving panel in the closed or partially open position. (6715.1) 18. Sliding glass windows sash shall be closed and locked when subjected to the tests specified in Sec. 6717.2. 19. Any release for metal bars, grills, grates or similar devices constructed to preclude human entry that are installed shall be located on the inside of the adjacent room and at least 24 inches from the closest opening through such metal bars, grills, grates or similar devices that exceeds two inches in any dimension. (6715.4) 20. All other openings other than doors or glazed openings must be protected by metal bars or grilles with openings of not less than 6 inches in one dimension. (6716.6) Notes: All Construction to remain unless otherwise noted. New Construction to be Type V-B. Stre Provide R-13 Insulation on Exterior Walls. Provide R-19 Insulation on 2 x 6 Stud Framed Exterior Walls. 45th eles, Provide R-30 Insulation on Ceiling. Hard wired SMOKE DETECTORS are required in each room used for sleeping (Battery Backup) centrally located in the wall or ceiling in each separate sleeping area. Detectors shall sound an alarm audible in all sleeping areas of the unit. Hard wired CARBON MONOXIDE (Battery Backup) shall be centrally located in the wall or ceiling in corridors providing access to each separate sleeping area, in close proximity to the stairway. Detectors shall sound an alarm audible in all sleeping Job Ad 1054 Los A areas of the unit. Provide 1.28 Gal. Per flush water closets. Bathrooms are required to be mechanically ventilated with a minimum 50 cfm intermittent or 25 cfm continuous exhaust fan. ENERGY STAR Equipped with Readily Accessible Humidistat. 10) New Glazing to be Dual Glazed The Governing Codes for this project are the 2013 CRC, CMC, CPC, CEC, CGBC, 2009 T24 CA Energy, City of Los Angeles Municipal Ordinance. All Branch circuits that supply 125 volt, single phase, 15 and 20 ampere outlets shall be protected by Arc-Fault Circuit Interrupter (s) [CEC 210.12] Bathrooms and Kitchens shall have Fluorescent Lighting with at least 40 Lumens per watt. Bathroom Receptacles shall be served by Dedicated 20amp Circuits—NEC Section 210—52(d). (CEC 210—11C3). 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. Each dwelling unit shall have installed therein an individual disposal circuit supplied with a minimum #12 AWG wire and a 15 AMP indicating—type switch. [CEC 210-23 & 220]. 16) Bathtub and shower floors, walls above bathtubs with showerhead, and shower compartments shall be finish with a nonabsorbent surface. Such wall surfaces shall extend to a hight of not less than 6 feet above the floor. (R307.2). 17) Provide 72 inch high non-absorbent wall adjacent to shower and approved shtter-resistant materials for shower 18) All glazing less than 60" above a shower or tub floor shall be safety glazing. [CBC 2406.3...HEM 5 Control valves for shower and tub — shower shall be of the pressure balance or 20) Maximum Flow Rate Standars Set By State of California Egergy Complision.

A. Water Closets: 128 GPRy of Los

B. Showerheads: 2.0 GPM

C. Laurdanie 120... Sec 410. / UPC.

20) Maximum Flow Rate Standars Set By State of California Egergy Complision until the financial Complete Construction until the financial Construction unti Laundry Faucets : 2.0 GPM Building Address shall be provided port the building in such a partindex of the bending in such a partindex of the building in such a partition as the plainty of the building in such a partition as the plainty of the bending in the partition of be visible and legible from the street 4" talk and automatically cilled minated numbers. 22) Glazing in Hazardous locations shall be stempered (2406.4) a. Ingress and edgess doorsnaper b. panels in sliding or swipsing-doors, c. doors and enclosure for hot tibbo pathtub, showers (also glasting in wall lend of these companies) within 5' of standing surface) 1115 B. 9.85 hites, change or Law.

d. if within 2' of vertical edge to closed about of and within 5' son standing range or change or READY TO ISSUE BY MICHAEL LOPEZ GN-1 FEB 0 3 2017

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