

H. ALLEN GRUEN

Geotechnical Engineer

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January 2, 2014
Project Number: 12-3798

Mr. Roman Knop
1856 Pacific Avenue, #9
San Francisco, CA 94109

Subject: Geotechnical Report Update
Proposed Development at
556 El Camino Real
Burlingame, California

Dear Mr. Knop:

This letter presents an update of our geotechnical investigation report for the proposed development at 556 El Camino Real in Burlingame, California. H. Allen Gruen dba Earth Mechanics Consulting Engineers performed a geotechnical investigation for the project and presented results in the report dated April 14, 2013.

It is our opinion that with the exception of the project description, foundation design criteria, and braced wall design criteria presented below, the findings, conclusions, and recommendations presented in our geotechnical investigation report dated April 14, 2013, are still valid and applicable for the proposed development.

PROJECT DESCRIPTION

We received the undated architectural drawings, sheets A1 through A9, by Dominguez Associates (attached) showing the proposed, 25 residential unit structure extending 5-stories above grade with variable-depth, partial basements. The garage slab is shown at about elevation 80.5 feet, the basement slab at about elevation 96.6 feet, and existing exterior grade at about elevation 102 feet.

FOUNDATION DESIGN CRITERIA

Due to the variable depths of foundation support and the variability of the subsurface earth materials, we recommend that the proposed structure be supported on a mat slab foundation. The mat can be designed for an average bearing pressure over the entire mat of 3,000 psf for combined dead plus sustained live loads, and 4,500 psf for total loads including wind or seismic forces. The weight of the mat extending below current site grade may be neglected in computing bearing loads. Localized increases in bearing pressures of up to 5,000 psf may be utilized. For elastic design, a modulus of subgrade reaction of 50 kips per cubic foot may be used.

A passive equivalent fluid pressure of 280 pounds per cubic foot and a friction factor of 0.3 may be used to resist lateral forces and sliding. Passive pressures should be disregarded in areas with less than 7 feet of horizontal soil confinement and for the uppermost 1-foot of foundation depth unless confined by concrete slabs or pavements.

BRACED SUBSURFACE WALLS

The "Retaining Walls" section of our geotechnical investigation report was for cantilever walls. The basement level of the proposed structure may necessitate excavations of up to 25 feet deep. If the subsurface walls are braced, tied-back, or restrained, the geotechnical design criteria of this section should be used.

Subsurface walls should be fully backdrained. The backdrains should consist of at least a 3-inch-diameter, rigid perforated pipe surrounded by a drainage blanket, or equivalent, such as a high profile drain. The pipe should be sloped to drain by gravity to appropriate outlets. Accessible subdrain cleanouts should be provided and maintained on a routine basis. The drainage blanket should consist of clean, free-draining crushed rock or gravel, wrapped in a filter fabric such as Mirafi 140N. Alternatively, the drainage blanket could consist of Caltrans Class 2 "Permeable Material" or a prefabricated drainage structure such as Mirafi Miradrain. The top of the drainpipe should be at least 8 inches below lowest adjacent grade. The drainage blanket should be at least 1 foot in width and extend to within 1 foot of the surface. The uppermost 1-foot should be backfilled with compacted native soil to exclude surface water.

Braced subsurface walls should be designed to resist a uniform active earth pressure equivalent to $18 \times H$ pounds per square foot, where H is the height of retained soil. A surcharge pressure of 100 psf acting over the uppermost 10 feet of braced walls should be applied to account for traffic loading surcharge within 10 horizontal feet of traffic areas.

H. Allen Gruen, Geotechnical Engineer
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January 2, 2014

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I appreciate the opportunity to be of continued service to you on this project. If you have any questions, please call me at (510) 839-0765.

Sincerely,



H. Allen Gruen, C.E., G.E.
Geotechnical Engineer



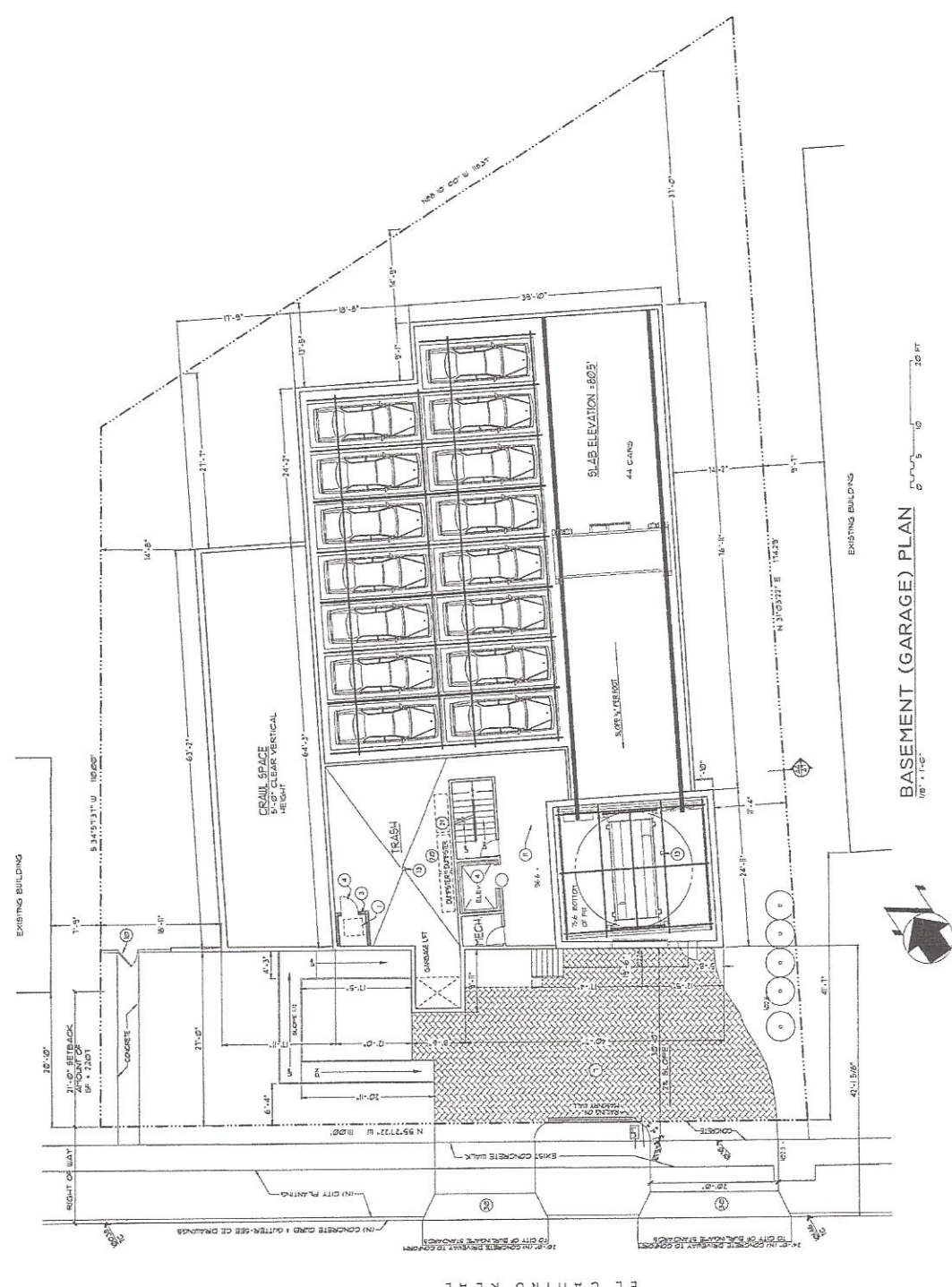
Cc: Mr. Carlos Dominquez
Dominquez Associates
40 Humboldt Court
Pacifica, CA 94044



25 UNIT CONDOMINIUM 556 EL CAMINO REAL BURLINGAME, CALIFORNIA
 FOR ROMAN KNOP 261 17TH STREET SAN FRANCISCO, CA 94121 PH: (415) 516-5180
 DOMINGUEZ ASSOCIATES
 40 HUNGERFORD COURT
 PACIFICA, CA 94044
 (650) 399-0947 FAX (650) 355-2445

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BASEMENT (GARAGE) PLAN
 1/8" = 1'-0"



EL CAMINO REAL



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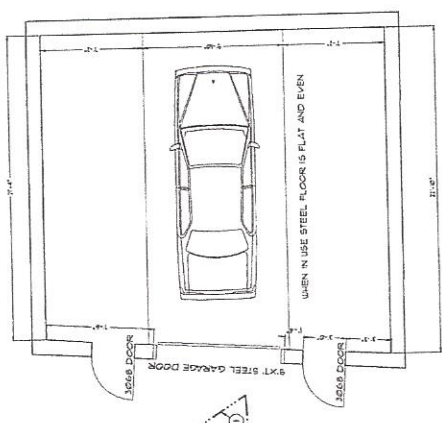
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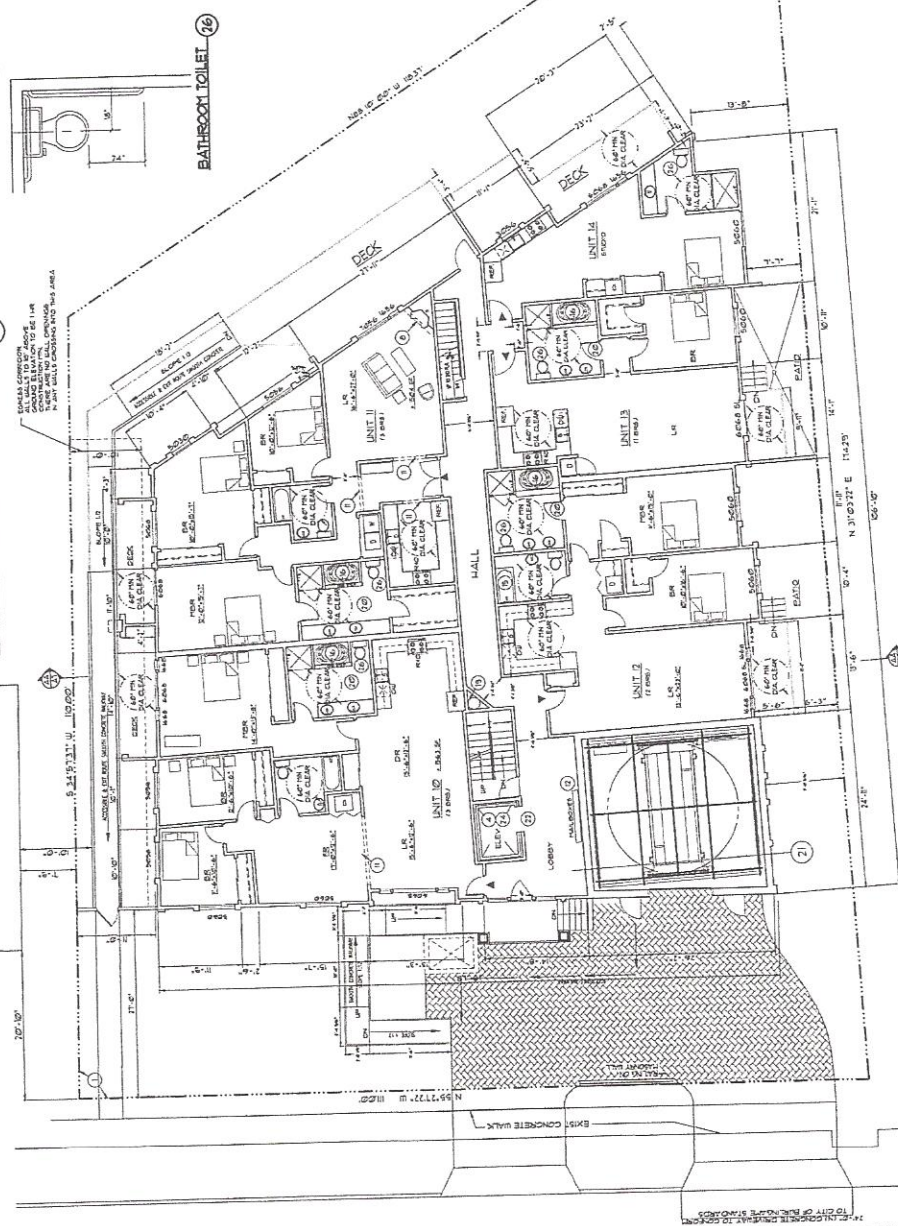
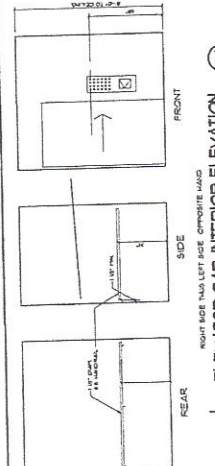
21
 AUTOMATED PARKING
 1/4" = 1'-0"



- KEYED NOTES**
- PROPERTY LINE
 - DECK OVER TYP.
 - ALL GARAGE WALLS AT ALL LANDINGS SHALL BE 4" HIGH
 - ELEVATOR SHAFTS, STAIRWAYS TO BEAKS AND DOOR INCLUDING REPAIR PANELS SHALL BE FINISHED WITH 1/2" GYP BOARD TO MATCH FLOOR FINISH TO REMAIN PANEL OF UNIT LESS THAN 5' WITH A 4" SIDE SLICE DOOR. 4" TYP. ELEVATION
 - SHelf
 - REPLACE
 - NET CLEAR UNDER HEIGHT: 7' MIN. 74"
 - NET CLEAR OPENING: 8' MIN. 44" ABOVE FIN. F.L.R. HEIGHT IS LESS THAN 44" ABOVE
 - THIS SLIDING DOOR COPIED WITH THE BORESS NOTCH
 - ADJUSTABLE SLIDING DOOR AS PER CODE REQUIREMENTS
 - ARCH
 - FIN FLOOR FINISH: 5/8"

UNITS FOR FIRST FLOOR

| UNITS | SOFT | PAVED | DECK |
|-----------------------|------|-------|------|
| UNIT 10 - 3 BEDROOMS | 140 | 100 | 100 |
| UNIT 11 - 2 BEDROOMS | 120 | 100 | 100 |
| UNIT 12 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 13 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 14 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 15 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 16 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 17 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 18 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 19 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 20 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 21 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 22 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 23 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 24 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 25 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 26 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 27 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 28 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 29 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 30 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 31 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 32 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 33 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 34 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 35 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 36 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 37 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 38 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 39 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 40 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 41 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 42 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 43 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 44 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 45 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 46 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 47 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 48 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 49 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 50 - 1 BEDROOMS | 100 | 100 | 100 |
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| UNIT 53 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 54 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 55 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 56 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 57 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 58 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 59 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 60 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 61 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 62 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 63 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 64 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 65 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 66 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 67 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 68 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 69 - 1 BEDROOMS | 100 | 100 | 100 |
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| UNIT 75 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 76 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 77 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 78 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 79 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 80 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 81 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 82 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 83 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 84 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 85 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 86 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 87 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 88 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 89 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 90 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 91 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 92 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 93 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 94 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 95 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 96 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 97 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 98 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 99 - 1 BEDROOMS | 100 | 100 | 100 |
| UNIT 100 - 1 BEDROOMS | 100 | 100 | 100 |



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



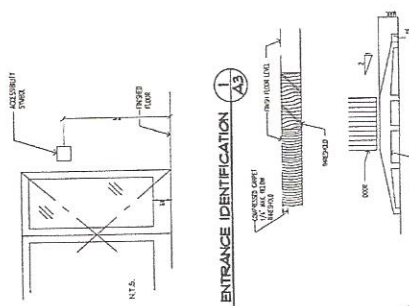
- ### KEYED NOTES
- PROPERTY LINE
 - DECK OVER TYP.
 - ALL GYM WALLS AT ALL LANDINGS SHALL BE AS SHOWN.
 - RELATIONS TO MAKE A FINISHED CLEAR DISTANCE BETWEEN WALLS OR BETWEEN WALLS BY 3/4" AND A FINISHED DISTANCE FROM WALL TO FINISHED FLOOR FINISH SHALL BE 1/4" AT ALL INTERIOR CORNERS.
 - SHIELD
 - PRELIMINARY
 - NET CLEAR UNOCCUPIED HEIGHT - FIN. FLOOR TO FIN. FLOOR SHALL BE LESS THAN 44" SLOPE
 - THIS BUILDING DOOR COMPLIES WITH THE FOLLOWING:
 - TREATED IN ACCORDANCE WITH ALL APPLICABLE CODES AS PER CODE
 - AS REQUIRED BY ALL APPLICABLE CODES
 - ARCH
 - OPHT
 - LINEN
 - PANTRY
 - TWO 18" HOUR DOORS 4 SHOWER
 - WATERPOOL TUB
 - ACCESS BALCONY AS PER IBC, TYPICAL ALL FLOORS
 - KITCHEN COUNTERS, CABINETS, SINKS AND STOVE SHALL BE AS SHOWN. ALL COUNTERS SHALL BE 48" ALL AS PER IBC. TYPICAL ALL FLOORS
 - GARAGE CLUTE
 - BATHROOM COUNTERS WITH IBC 134.2 OPTION 1

UNITS FOR SECOND FLOOR

| UNITS | SQ FT | DECK |
|----------------------|-------|------|
| UNIT 21 - 3 BEDROOMS | 540 | 92 |
| UNIT 22 - 3 BEDROOMS | 540 | 92 |
| UNIT 23 - 3 BEDROOMS | 604 | 70 |
| UNIT 24 - 3 BEDROOMS | 1020 | 130 |
| TOTAL | 2704 | 384 |
| AVERAGE PER UNIT | 676 | 96 |

| WALL | DISTANCE | TOTAL | UNOCCUPIED | N. UNOCCUPIED | AVERAGE |
|------------|----------|-------|------------|---------------|---------|
| NORTH WALL | 0' | 544 | 700 | 1244 | 454 |
| SOUTH WALL | 0' | 520 | 320 | 1840 | 454 |
| EAST WALL | 70' | 855 | 144 | 1000 | 354 |

- ### ENTRANCES / DOORS
- ALL EXTERIOR ENTRANCES SHALL BE OPENED WITH AT LEAST ONE HAND. ALL EXTERIOR ENTRANCES SHALL BE OPENED WITH AT LEAST ONE HAND FROM APPROXIMATELY 48" ABOVE FINISH FLOOR.
 - EVERY EXTERIOR ENTRANCE OR EXTERIOR DOOR SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 36" WIDE BY 80" HIGH. ALL EXTERIOR DOORS SHALL BE OPENED FROM THE INSIDE OF THE DOOR. ALL EXTERIOR DOORS SHALL BE OPENED FROM THE INSIDE OF THE DOOR. ALL EXTERIOR DOORS SHALL BE OPENED FROM THE INSIDE OF THE DOOR.
 - LANDING AND LOADING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT OF ONE HAND. ALL EXTERIOR DOORS SHALL BE OPERABLE WITH A SINGLE EFFORT OF ONE HAND. ALL EXTERIOR DOORS SHALL BE OPERABLE WITH A SINGLE EFFORT OF ONE HAND.
 - EVERY HAND ACTIVATED DOOR OPERATING MECHANISM SHALL BE CONVEYED BY A FORCE OF 15 LBS. MAXIMUM WEIGHT. THE FORCE OF THE DOOR SPRING AND AT LEAST 48" ABOVE FINISH FLOOR. THE DIRECTION OF THE DOOR SPRING SHALL BE INDICATED BY AN ARROW ON THE DOOR. ALL EXTERIOR DOORS SHALL BE OPERABLE WITH A SINGLE EFFORT OF ONE HAND.
 - THE FLOOR OR LANDING SHALL NOT BE LOWER THAN 1/2" BELOW THE FINISH FLOOR AND NOT HIGHER THAN 1/2" ABOVE THE FINISH FLOOR. THE FLOOR OR LANDING SHALL NOT BE LOWER THAN 1/2" BELOW THE FINISH FLOOR AND NOT HIGHER THAN 1/2" ABOVE THE FINISH FLOOR.
 - THE SYSTEM TO OPEN ALL DOORS (EXCEPT AUTOMATIC AND OTHER) SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED WITHOUT THE USE OF A KEY OR OTHER DEVICE. ALL DOORS SHALL BE OPERABLE WITH A SINGLE EFFORT OF ONE HAND.
 - THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS. THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS. THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS.



SECOND FLOOR PLAN
 1/8" = 1'-0"
 0 5 10 FT



25 UNIT CONDOMINIUM 556 EL CAMINO REAL BURLINGAME, CALIFORNIA
 FOR ROMAN KTOP 261 17TH STREET SAN FRANCISCO, CA 94121 PH: (415) 516-5180
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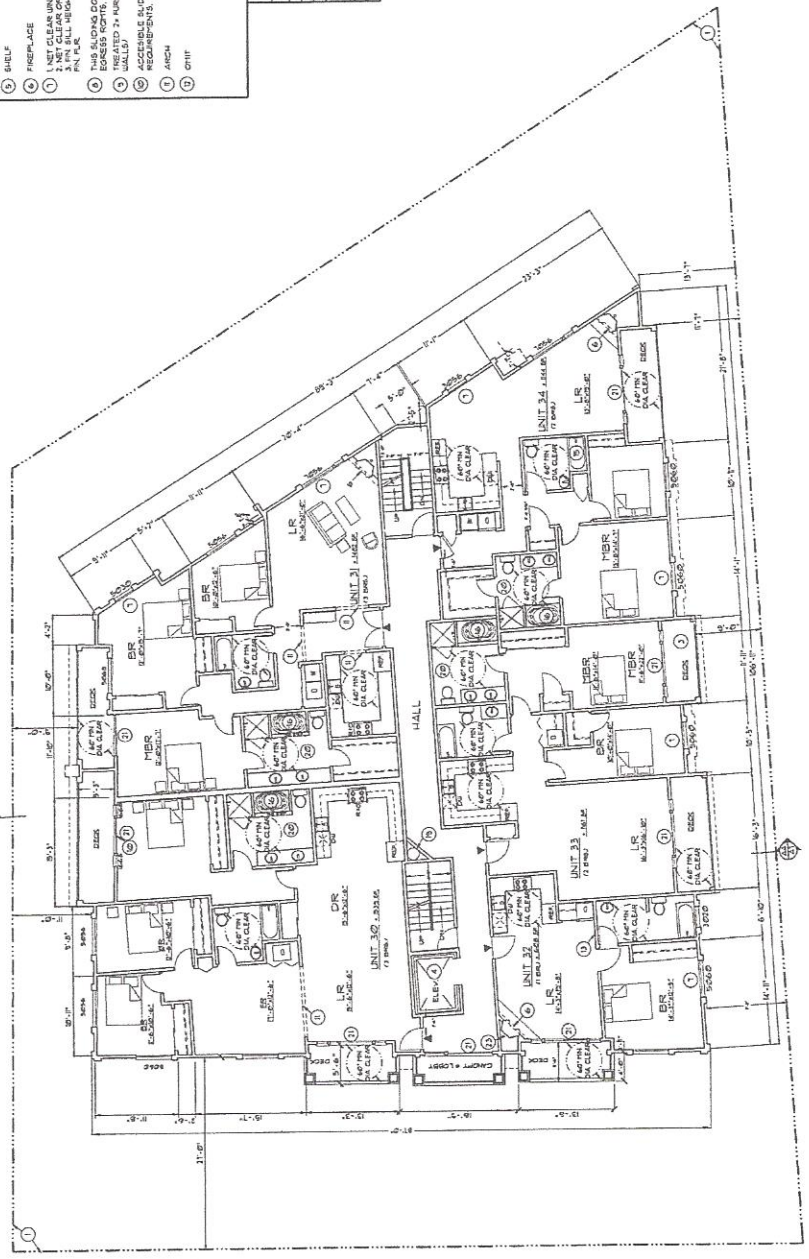
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- KEYED NOTES**
- 1 PROJECT LINE
 - 2 DECK OVER-TYP.
 - 3 ALL HANDRAILS AT ALL LANDINGS SHALL BE 3" DIA. ROUNDD BAR WITH FINISH TYP.
 - 4 TUB W/SHOWER DOORS 4 SHOWER
 - 5 WALK-PATH, TUB
 - 6 ACCESS BATHROOM AS PER USC, TYPICAL ALL FLOORS
 - 7 KITCHEN COUNTERTOPS, CABINETS UNDER 8" X 4" TYPICAL ALL FLOORS
 - 8 GARBAGE CHUTE
 - 9 BATHROOM COMPLYING WITH CBC 13A.02 OPTION 1
 - 10 60MP SLDP
 - 11 FIN. F.L.C.
 - 12 THIS SLUING DOOR COMPIES WITH THE TREATED 2" FINISHING (TYP) ALL EXTENSION WALLS
 - 13 ACCESSIBLE SLUING DOOR AS PER CODE
 - 14 HATCH
 - 15 CHIT

UNITS FOR THIRD FLOOR

| UNITS | NO. OF UNITS | NO. OF BEDROOMS | SQ. FT. | DECK |
|----------------------|--------------|-----------------|---------|------|
| UNIT 21 - 1 BEDROOM | 1 | 1 | 1,072 | 138 |
| UNIT 22 - 1 BEDROOM | 1 | 1 | 1,469 | 83 |
| UNIT 23 - 2 BEDROOMS | 1 | 2 | 2,369 | 61 |
| UNIT 24 - 2 BEDROOMS | 1 | 2 | 1,173 | 280 |
| TOTAL | 4 | 6 | 6,083 | 562 |
| AVERAGE PER UNIT | 1 | 1.5 | 1,521 | 140 |

| WALL | DISTANCE TO CENTER | TOTAL AREA OF WALL | % OF TOTAL WALL AREA |
|------------|--------------------|--------------------|----------------------|
| NORTH WALL | 10.0' | 534' | 32% |
| SOUTH WALL | 10.0' | 534' | 32% |
| EAST WALL | 14.0' | 846' | 51% |



THIRD FLOOR PLAN
 1/8" = 1'-0"
 0 5 10 15 20 FT



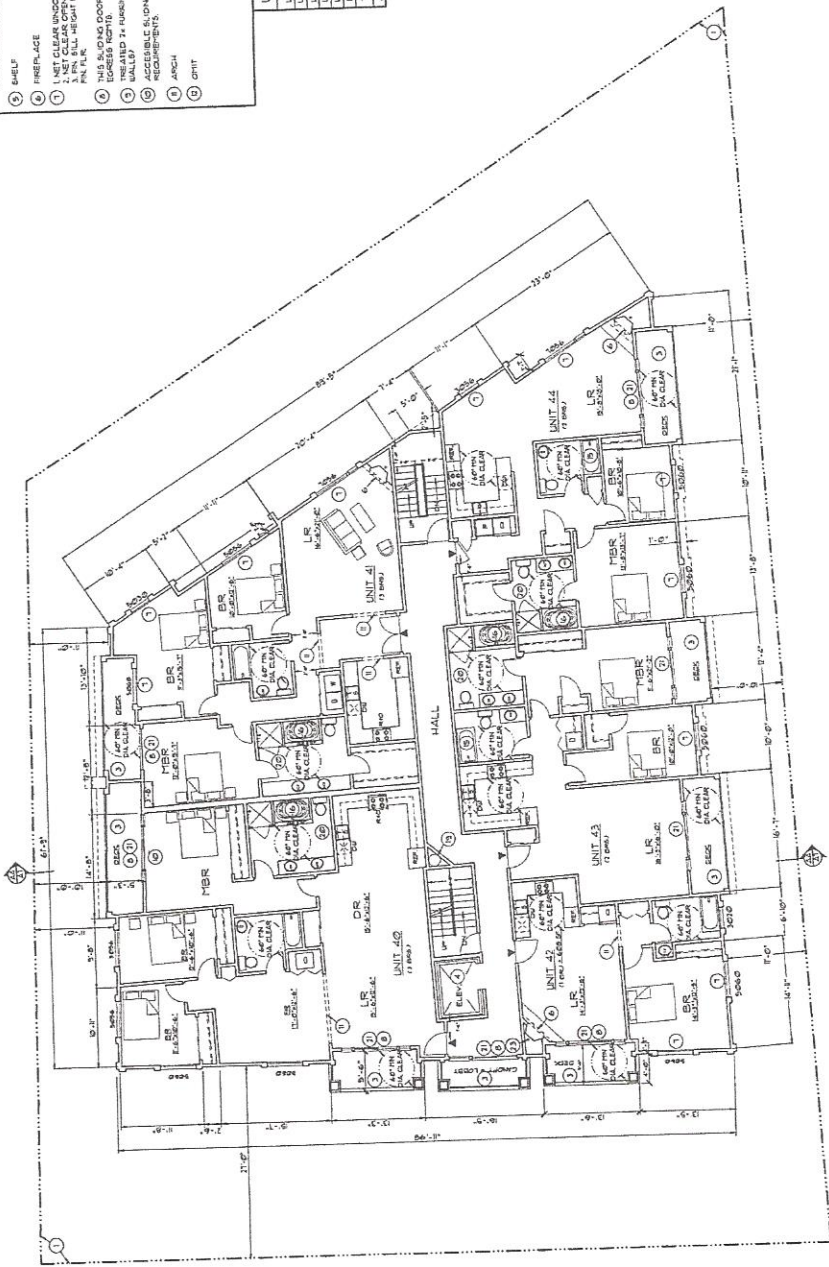
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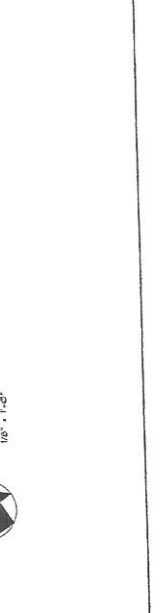
- KEYED NOTES**
- PROPERTY LINE
 - DECK OVER TRYP
 - ALL DIMENSIONS AT ALL SIDING SHALL BE 4" HIGH.
 - ELEVATOR TO HAVE A MINIMUM CLEARANCE OF 5' CLEARANCE TO HEAD AND A MINIMUM CLEARANCE OF 4' TO ELBOWS. CLEARANCE SHALL BE 4' AT SIDE SLIDE DOOR.
 - SMELT
 - FIRE-PLACE
 1. MIN. CLEARANCE FROM TOP OF FIN. 24" 2. MIN. CLEARANCE FROM FIN. 24" 3. MIN. BULL-HIGH IS LESS THAN 4" ABOVE (UNLESS NOTED)
 - 2x6 SLACK DOOR COMPLES WITH THE TREATED 7'-HURING (TYP. ALL EXTERIOR DOORS)
 - ACCESSIBLE SLIDING DOOR AS PER CODE REQUIREMENTS.
 - ARCH
 - GRIT
 - LINEN
 - PANTRY
 - TUB W/SHOWER DOORS + SHOWER
 - WASH POOL TUB
 - ACCESS TO BALCONY AS PER USC, TYPICAL
 - ROUNDER CONTAINERS, CABINETS UNDER SINK LOWER BELOW 48" BENCH TOP (TYP. ALL FLOORING)
 - GARAGE CHUTE
 - BATHING COMPLETELY WITH CBC (1644)
 - 6646 SLOPE

| UNITS | DECK | SQFT | DECK |
|----------------------|------|------|------|
| UNIT 40 - 2 BEDROOMS | 100 | 1250 | 100 |
| UNIT 41 - 3 BEDROOMS | 100 | 1650 | 100 |
| UNIT 42 - 3 BEDROOMS | 100 | 1500 | 100 |
| UNIT 43 - 2 BEDROOMS | 100 | 1050 | 100 |
| UNIT 44 - 2 BEDROOMS | 100 | 1150 | 100 |
| TOTAL | 510 | 5150 | 500 |
| AVERAGE PER UNIT | 102 | 1030 | 100 |

| WALL | DIVIDE | TOTAL | AREA OF | % HOLLOW |
|------------|--------|-------|---------|----------|
| NORTH WALL | 150 | 300 | 300 | 100% |
| SOUTH WALL | 150 | 300 | 300 | 100% |
| EAST WALL | 200 | 400 | 400 | 100% |



FOURTH FLOOR PLAN
 1/8" = 1'-0"





FOR ROMAN KNOP 261 11TH STREET SAN FRANCISCO, CA 94121 PH: (415) 516-5180
 DOMINGUEZ ASSOCIATES 49 HUMBOLDT COURT PACIFICA, CA 94044 (650) 359-0947 FAX (650) 355-2445

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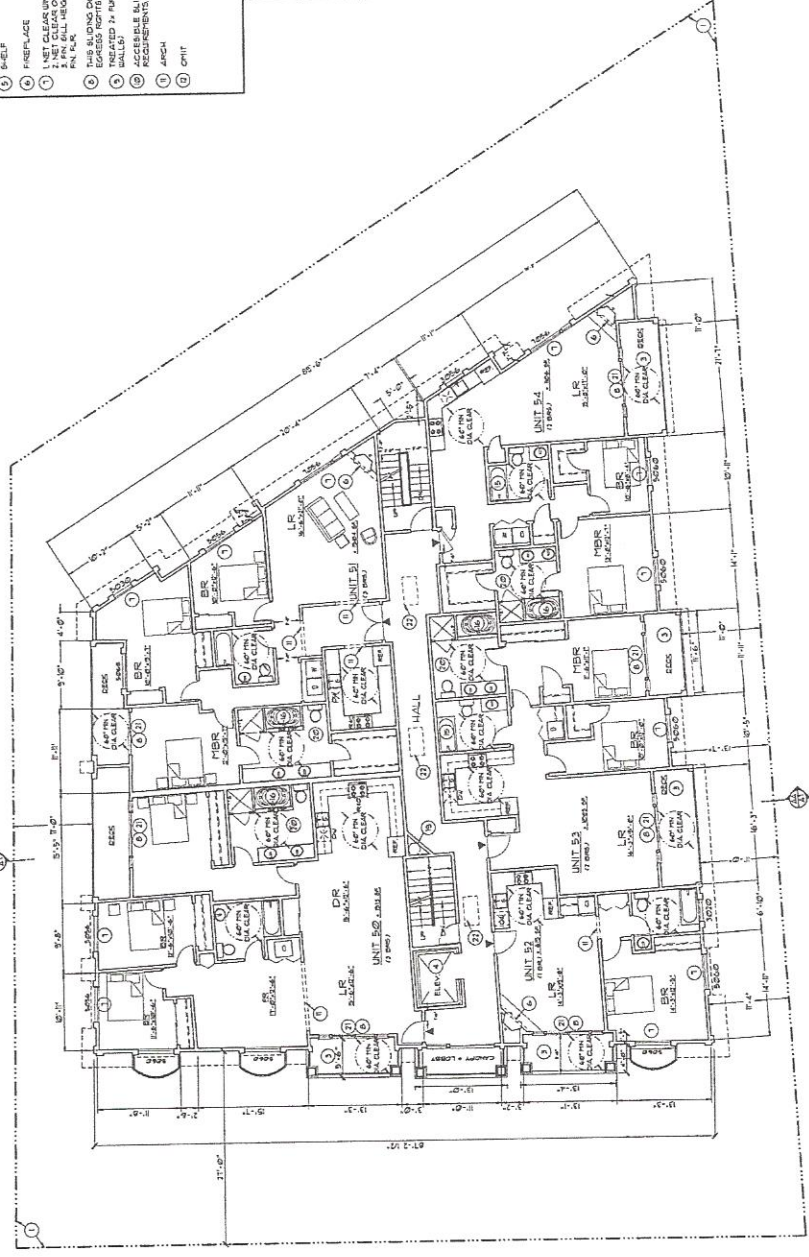
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- KEYED NOTES**
- 1 FINISHER LINE
 - 2 DECK OVER TYP.
 - 3 ALL BALCONIES AT ALL LANDINGS SHALL BE 4" MIN. HULL
 - 4 ELEVATOR TO HAVE A FINISHER CLEAR DISTANCE BETWEEN WALLS OR BETWEEN WALLS AND A FINISHER DISTANCE FROM WALLS TO FINISHER LINE SHALL BE LESS THAN 2" MIN. AT 1" FOR GLASS DOOR.
 - 5 R-SELF
 - 6 REFRIGERATE
 - 7 NET CLEAR UNDER SINKS: 1" MIN. 2" MIN. ALL HEIGHT IS LESS THAN 24" ABOVE EXPRESSED ROOF
 - 8 RELATED TO FINISHING (TYP.) ALL EXTERIOR BELLS
 - 9 RELATED TO FINISHING (TYP.) ALL EXTERIOR REPAIRMENTS
 - 10 ARCH
 - 11 UNIT
 - 12 LINEN
 - 13 PAINT
 - 14 TUB W/SHOWER DOORS & SHOWER
 - 15 WIRING POOL TUB
 - 16 ACCESS BATHROOM AS PER USC, TYPICAL ALL FLOORS
 - 17 LOWER BALCONY, 1 BANK FACET CONTROLS AT 45° ALL AS PER USC, TYPICAL ALL FLOORS
 - 18 GARAGE CHUTE
 - 19 BATHROOM COMP. FING. WITH CSC 13442
 - 20 ACORN FLOOR
 - 21 SCHEDULE

UNITS FOR FIFTH FLOOR

| UNITS | DECK |
|----------------------|------|
| UNIT 50 - 3 BEDROOMS | 554 |
| UNIT 51 - 3 BEDROOMS | 1019 |
| UNIT 52 - 3 BEDROOMS | 1071 |
| UNIT 53 - 3 BEDROOMS | 1025 |
| UNIT 54 - 2 BEDROOMS | 48 |
| TOTAL | 5489 |
| AVERAGE PER UNIT | 137 |
| | 5410 |

| WALL | OUTSPACE | TOTAL | PERCENT | % ALLOWED |
|------------|----------|-------|---------|-----------|
| NORTH WALL | 1554 | 1554 | 28% | 48% |
| SOUTH WALL | 1020 | 1020 | 18% | 35% |
| EAST WALL | 20 | 1809 | 3% | 10% |



FIFTH FLOOR PLAN
 1/8" = 1'-0"
 0 5 10 20 FT

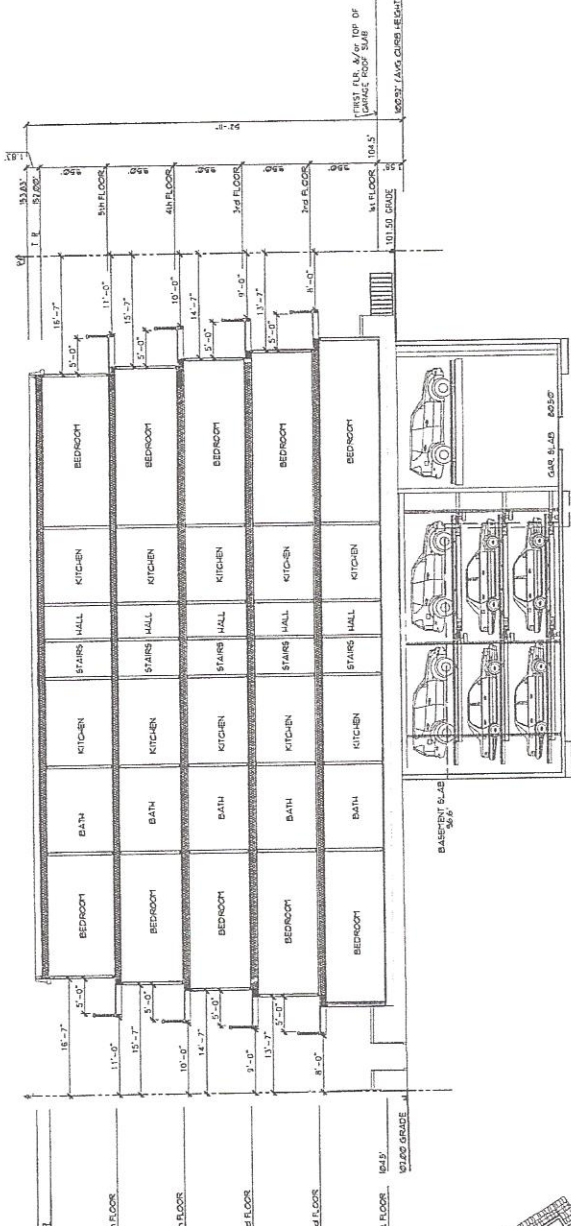


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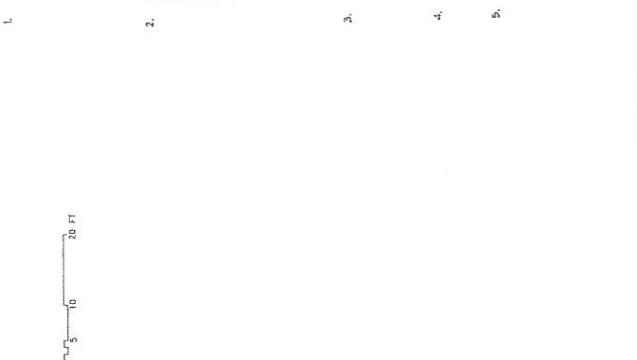
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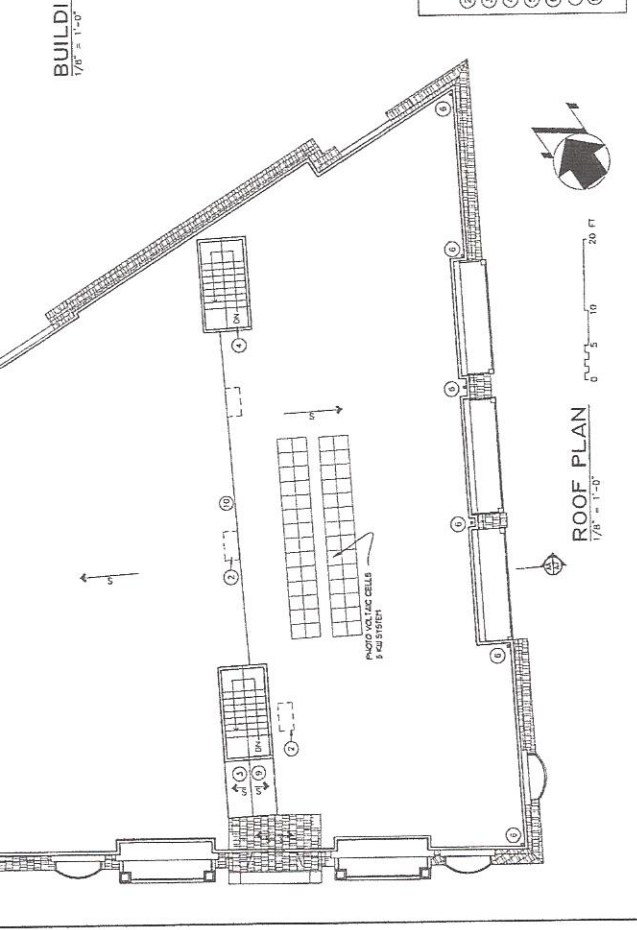
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A7
 OF SHEETS
 DATE FILE: 100 150



- THE WALLS OF THE PROPOSED BASEMENT SHALL BE PROPERLY SHORED AND EXCAVATION MAY NEED TEMPORARY SHORING. A COMPETENT CONTRACTOR SHALL BE DESIGN OF SHORING SYSTEM FOR THE EXCAVATION. THE RECOMMENDED DESIGN TYPE OF SHORING SHALL BE APPROVED BY THE ENGINEER PRIOR TO USAGE.
- ALL APPROPRIATE GUIDELINES OF OSHA SHALL BE FOLLOWED BY THE CONTRACTOR WHERE SPACE PERMITS. TEMPORARY CONSTRUCTION SLOPES MAY BE UTILIZED IN VERTICAL CUT FOR THE SUBJECT PROJECT WILL BE (9) FEET. BEYOND THAT HORIZONTAL BENCHES OF 3 FEET WIDE SHALL NOT EXCEED TO (1) HORIZONTAL TO (1) VERTICAL. IN SOME AREAS DUE TO HIGH MOISTURE CONTENT / WATER TABLE, THE CONTRACTOR SHALL BE RECOMMENDED BY THE SOILS ENGINEER IN THE FIELD.
- IF SHORING IS REQUIRED, SHEET ON THE PLANS WHO'S SOLE RESPONSIBILITY IT IS TO DESIGN AND PROVIDE THE SHORING, FOR THE PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION OF THE BUILDING.
- SHORING AND BRACING SHALL REMAIN IN PLACE UNTIL ALL STRUCTURAL WALL SHEATHING HAVE BEEN ENTIRELY CONSTRUCTED.
- SHORING PLANS SHALL BE SET-OUT AND EXCAVED BY THE ENGINEER-OF-RECORD AND SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL INSURE TO CONSIDER LOADS FROM ADJACENT STRUCTURES THAT ARE WITHIN THE ZONE OF INFLUENCE (45 DEGREE WEDGE) OF THE EXCAVATION. THE CONTRACTOR SHALL RETAIN ALL AND / OR SUBMIT SURCHARGE LOADS.



- ① 2'x4" STUDS, TYPICAL
- ② ELEVATOR ENCLOSURE
- ③ ENTRY DOOR TO 5th FLOOR
- ④ PREPLACE VENT
- ⑤ ROOF DRAIN
- ⑥ STAIR TO ROOF ENCLOSURE
- ⑦ RISE





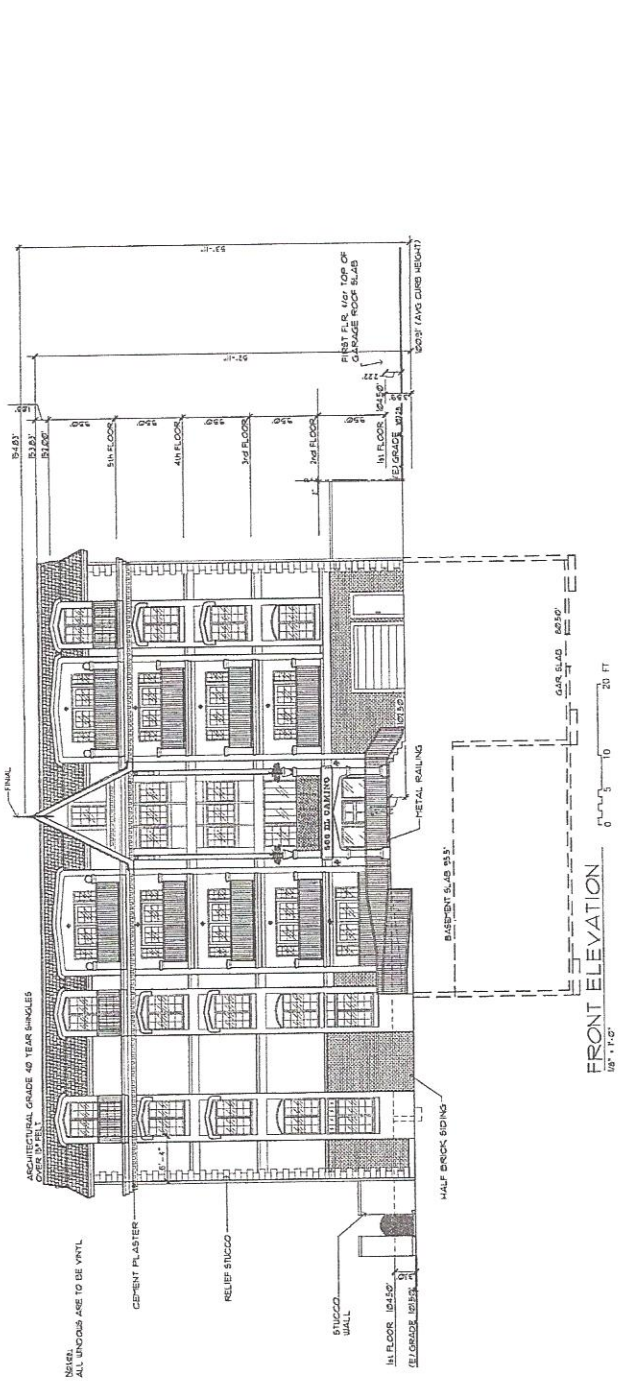
RECORDED & RETURNED TO
 STATE OF CALIFORNIA
 CIVIL ENGINEERING
 LICENSE NO. 50949
 EX. 10-15-15

DOMINGUEZ ASSOCIATES
 40 HUMBOLDT COURT
 PACIFICA, CA 94044
 (650) 599-0947 FAX (650) 555-2445

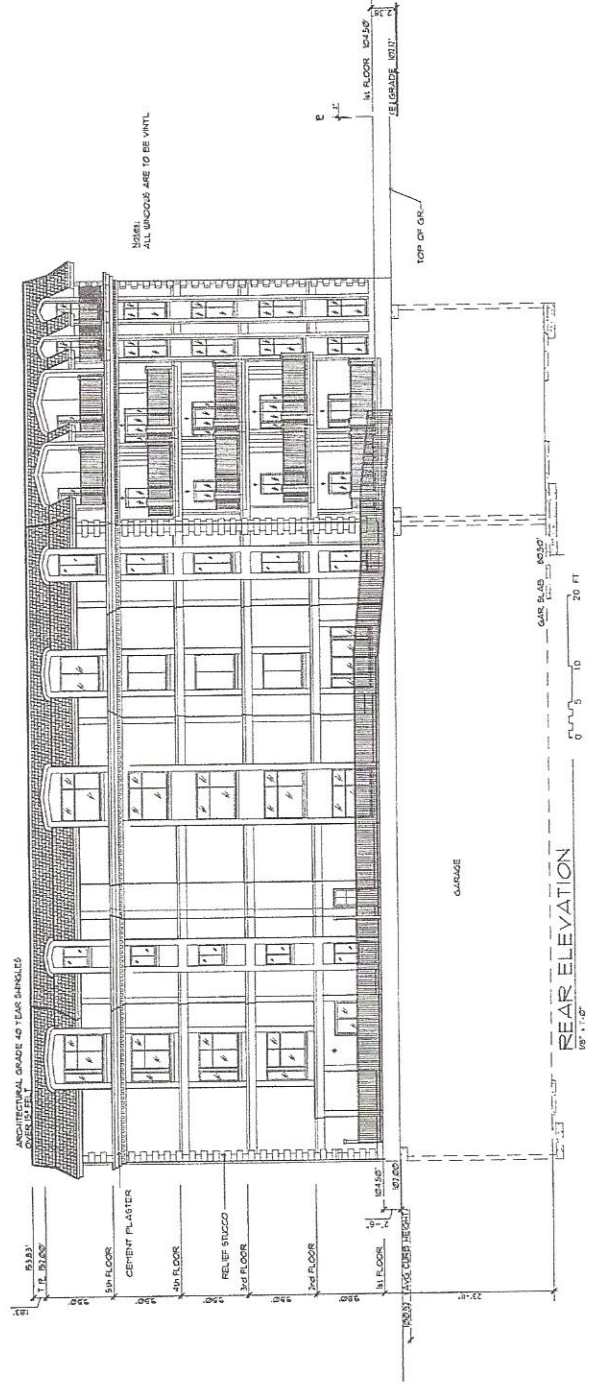
FOR ROMAN KNOP 261 17TH STREET SAN FRANCISCO, CA 94121 PH: (415) 516-5188

| REVISION | NO. | DATE |
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 SHEET'S
 FILE NO. 1830



FRONT ELEVATION
 1/8" = 1'-0"



REAR ELEVATION
 1/8" = 1'-0"



FOR ROMAN KNOP 261 17TH STREET SAN FRANCISCO, CA 94111 PH: (415) 516-5182

DOMINGUEZ ASSOCIATES
40 HUNDRBT COURT
PACIFICA CA 94044
(650) 353-0947 FAX (650) 355-2445

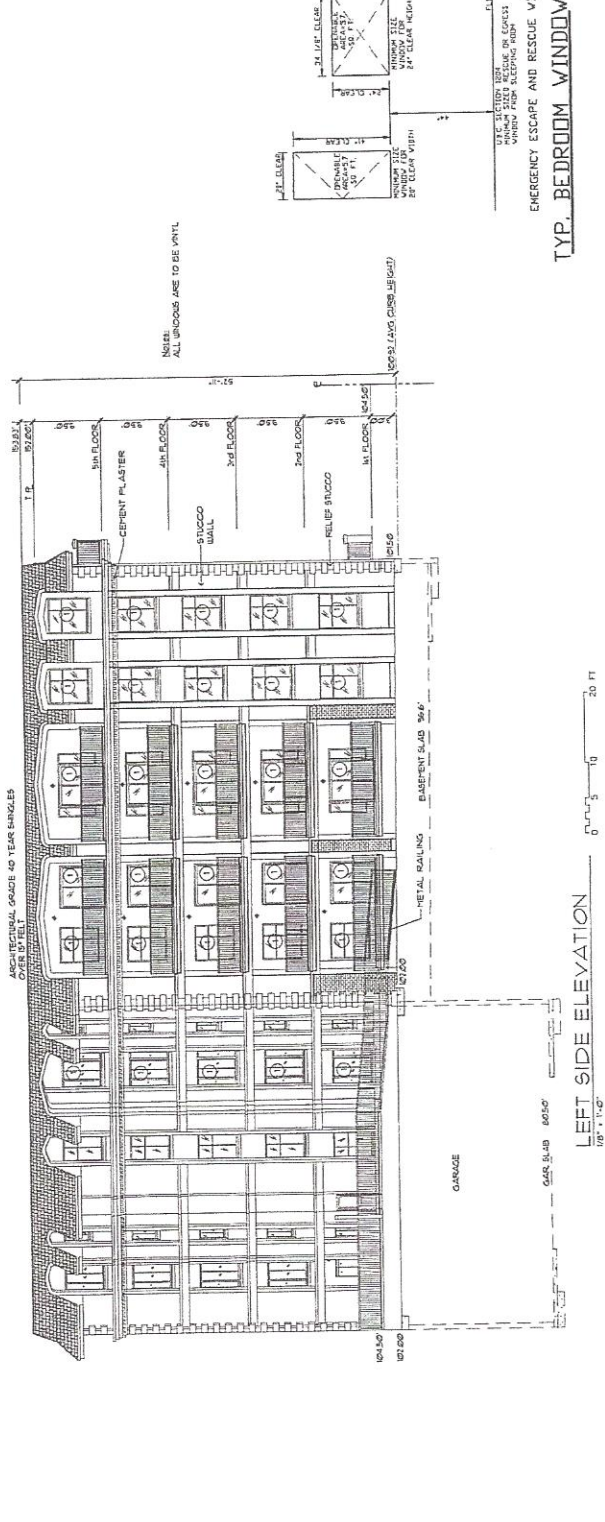
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SCALE NUMBER
SHEET NUMBER
DATE
SHEETS
FILE NO 123

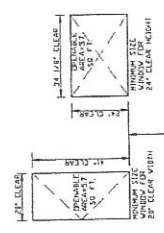
A9
DATE
SHEETS
FILE NO 123



RIGHT SIDE ELEVATION
1/8" = 1'-0"



LEFT SIDE ELEVATION
1/8" = 1'-0"



NOTE: ALL WINDOWS ARE TO BE VINYL

EMERGENCY ESCAPE AND RESCUE WINDOW
MINIMUM CLEARANCE TO WINDOW FROM SLEEPING ROOM

1
A9
TYP. BEDROOM WINDOW