

KUANG RESIDENCE

3140 HUMBOLT AVENUE
SANTA CLARA, CA 95051

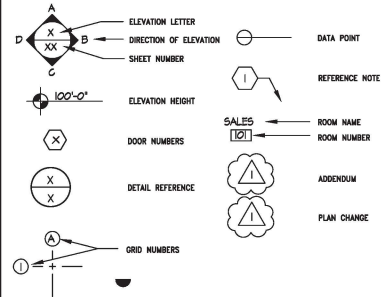
APN: 290-19-015



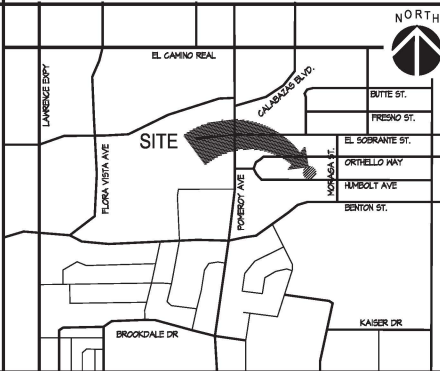
ARCHITECTURE | INTERIOR | PLANNING
150 CLYDE AVENUE, UNIT 200
MOUNTAIN VIEW, CA 94043
800.302.1887
march@mararch.design

REVISIONS

SYMBOL / LEGEND



LOCATION MAP



FIRE DEPT. NOTES

1. AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE INSTALLED THROUGHOUT THE HOUSE. A PERMIT WILL BE APPLIED AS A DEFERRED ITEM. THE OWNERS AND CONTRACTORS ARE RESPONSIBLE FOR CONSULTING WITH THE WATER PURVEYOR OF RECORD IN ORDER TO DETERMINE IF ANY MODIFICATION OR UPGRADE OF THE EXISTING WATER SERVICE IS REQUIRED. A STATE OF CALIFORNIA (C-16) FIRE PROTECTION CONTRACTOR SHALL SUBMIT PLANS, CALCULATIONS, A COMPLETED PERMIT APPLICATION & APPROPRIATE FEES TO THIS DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO BEGINNING OF WORK.

PROJECT CONTACT

PROPERTY OWNERS
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3140 HUMBOLT AVENUE
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ARCHITECT
MARCH DESIGN
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CIVIL ENGINEER/SURVEYOR
MEC & ASSOCIATES
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PROJECT SUMMARY

APN: 290-19-015
USE: SINGLE FAMILY RESIDENCE
ZONING DISTRICT: R1
CONSTRUCTION TYPE: V-B
OCCUPANCY GROUP: RS 4 U
SIZE OF LOT: 44,000 S.F. (0.25 ACRE)
ALLOWABLE LOT COVERAGE (40%): 4,000 S.F.
PROPOSED LOT COVERAGE:
ATTACHED GARAGE: 485 S.F.
HOUSE HABITABLE FLOOR AREA: 5,016 S.F.
COVERED PORCH: 44.0 S.F.
REAR COVERED PATIOS & BAY WINDOWS: 143 S.F.
TOTAL LOT COVERAGE: 5,784 S.F. (11.7%)
PROPOSED FLOOR AREA:
ATTACHED GARAGE: 485 S.F.
HABITABLE FLOOR AREA: 5,016 S.F.
TOTAL FLOOR AREA: 5,501 S.F.
COMMON LIVING AREA:
(LIVING, DINING, KITCHEN, BEDROOMS, ETC.)
2,411 S.F.
PROPOSED BUILDING HEIGHT: 11'-6"
REQUIRED PARKING: 2
PARKING PROVIDED: 2
FULLY FIRE SPRINKLERED: YES

SPECIAL NOTES

1. AN OPERATION AND MAINTENANCE MANUAL WILL BE LEFT ON SITE FOR THE OWNER OR OCCUPANT AT THE TIME OF FINAL INSPECTION.
2. ALL DUCT OPENINGS AND RELATED AIR DISTRIBUTION COMPONENTS SHALL BE COVERED AND PROTECTED DURING CONSTRUCTION.

DEFERRED SUBMITTAL/ APPROVAL

1. A RESIDENTIAL FIRE SPRINKLER SYSTEM FOR THE MAIN RESIDENCE & ATTACHED GARAGE.
2. ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE) FOR ELECTRIC CAR CHARGING SYSTEM.
3. SOLAR PANELS SHALL BE SUBMITTED BY CONTRACTOR TO BUILDING DEPT. FOR APPROVAL PRIOR TO ANY FIELD INSTALLATION.

PROJECT SCOPE

1. DEMOLISH EXISTING SINGLE STORY HOUSE 1042 S.F.
2. NEW CONSTRUCTION OF A 5,016 S.F. ONE-STORY WOOD FRAMED HOUSE WITH ATTACHED 2-CAR GARAGE 485 S.F. MAIN EXTERIOR BUILDING MATERIALS ARE GYPSUM PLASTER EXTERIOR, & CONCRETE TILE ROOF.

APPLICABLE CODES

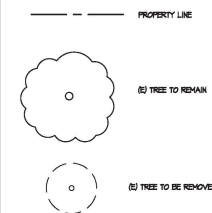
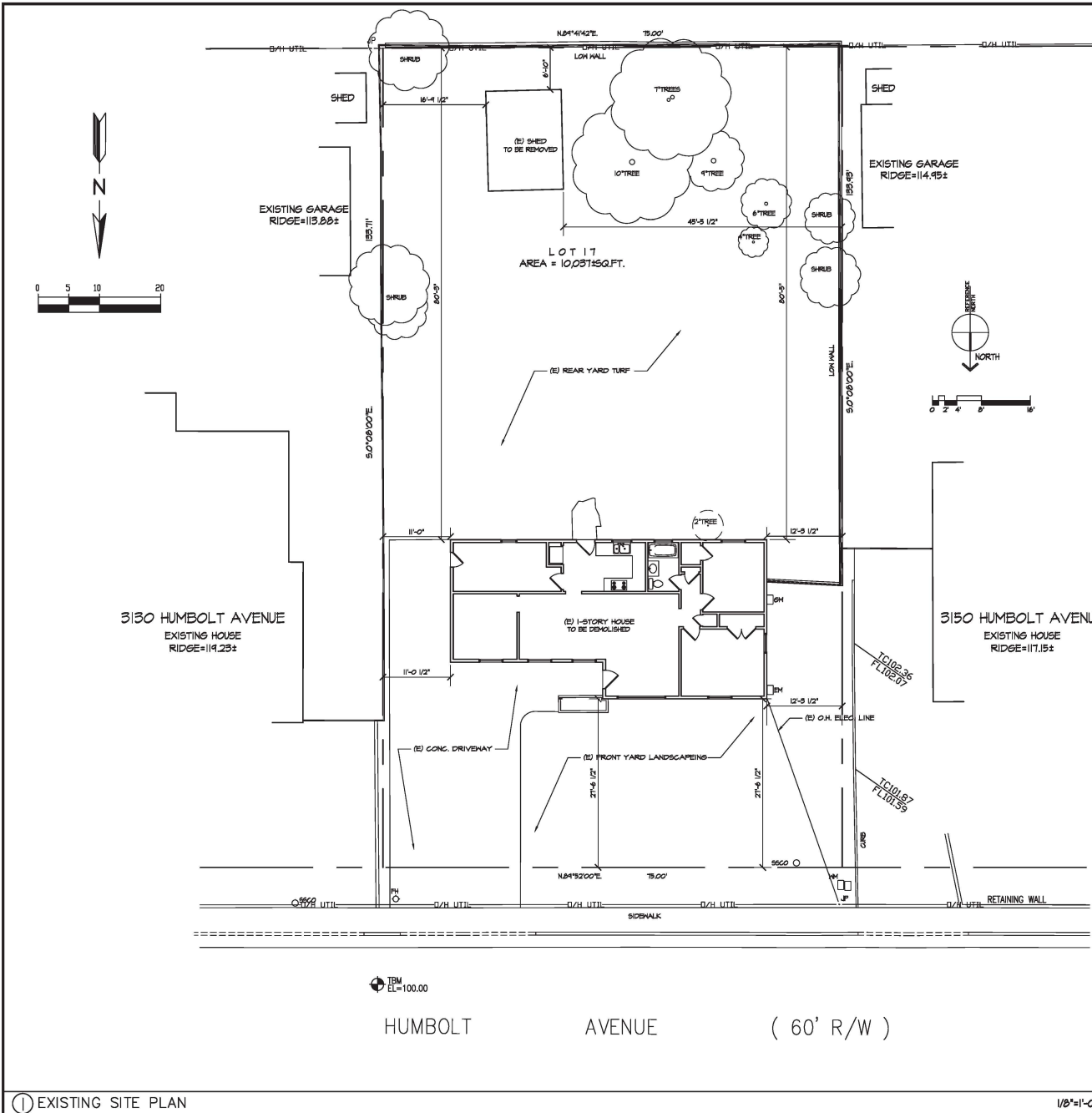
2022 CALIFORNIA FIRE CODE (FC)
2022 CALIFORNIA BUILDING CODE (CBC)
2022 CALIFORNIA RESIDENTIAL CODE (CRC)
2022 CALIFORNIA MECHANICAL CODE (CMC)
2022 CALIFORNIA PLUMBING CODE (CPC)
2022 CALIFORNIA ELECTRICAL CODE (CEC)
2022 CALIFORNIA ENERGY CODE
2022 CALIFORNIA GREEN BUILDING STANDARD CODE (CALGREEN)
SANTA CLARA MUNICIPAL CODE

KUANG RESIDENCE
SINGLE FAMILY RESIDENCE
3140 HUMBOLT AVENUE
SANTA CLARA, CA 95051
APN: 290-19-015

DATE: 01/21/25
CHECKED:
DRAWN: MM
JOB NO.:

TITLE SHEET

A1.0



LEGEND

MARCH
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 150 POLYSE AVENUE, UNIT 200
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REVISIONS

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 3140 HUMBOLT AVENUE
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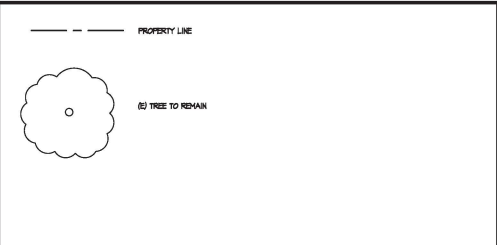
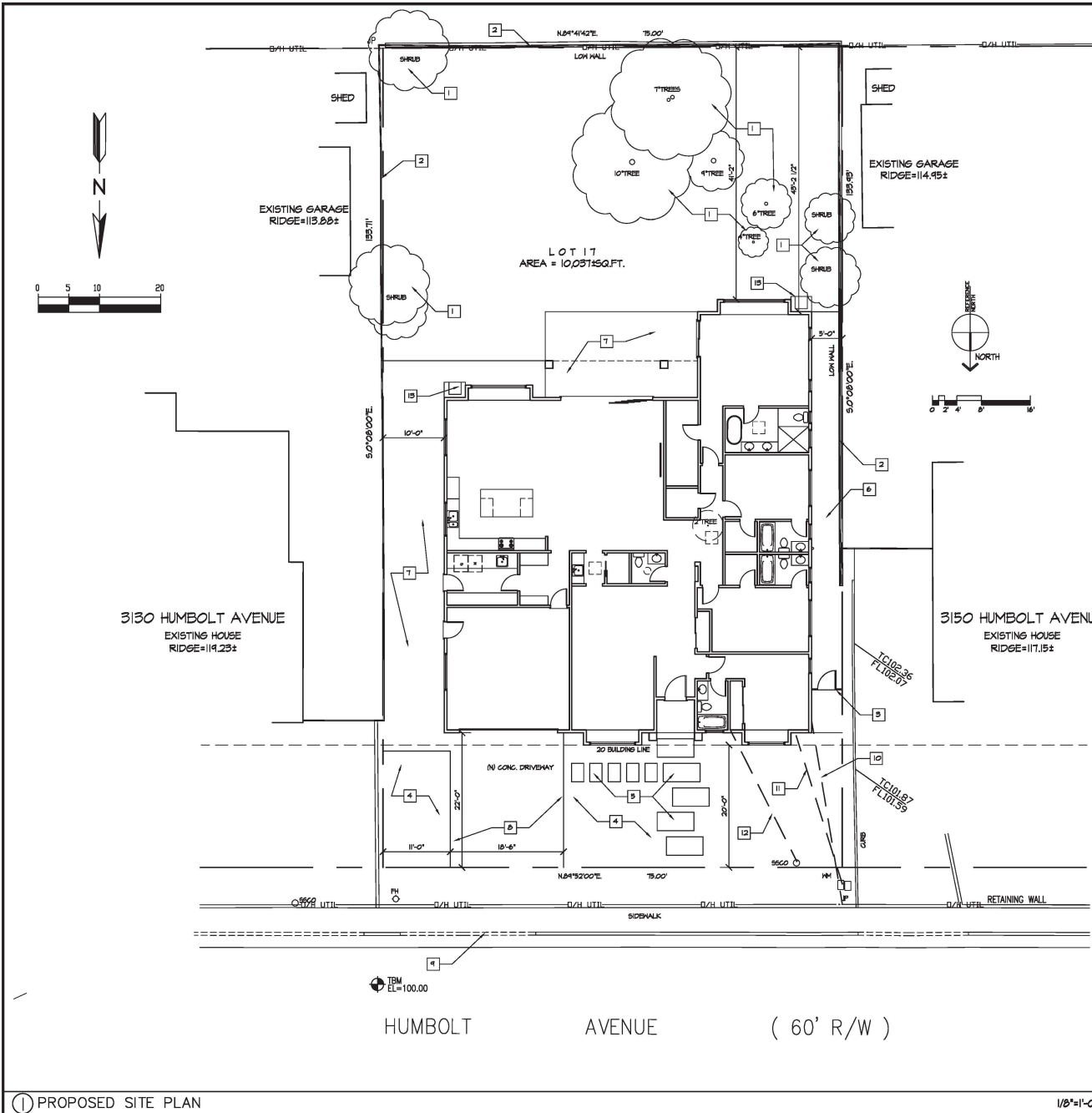
DATE	01/21/25
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EXISTING SITE PLAN

A1.1

① EXISTING SITE PLAN

1/8"=1'-0"



- LEGEND**
- 1 (S) TREE & SHRUBS TO REMAIN
 - 2 (S) NO. FENCE TO REMAIN
 - 3 (S) 6 FT. TALL NO. FENCE & GATE
 - 4 LANDSCAPING TURF
 - 5 (S) CONC. WALK PAD
 - 6 (S) CONC. HALLOWAY
 - 7 (S) CONC. PATIO
 - 8 (S) CONC. DRIVEWAY
 - 9 (S) DRIVEWAY CURB CUT TO REMAIN
 - 10 (S) UNDERGROUND JOINT TRENCH FOR ELECTRICAL & GAS. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY.
 - 11 (S) 2" WATER LINE. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY.
 - 12 (S) 4" SEWER LINE. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY.
 - 13 (S) AG UNITS (2 LOCATIONS)

- PROPOSED SITE PLAN KEYNOTES**
1. BUILDING SETBACK VERIFICATION: PRIOR TO FOUNDATION INSPECTION BY THE CITY, THE ILLS OF RECORD SHALL PROVIDE A WRITTEN CERTIFICATION THAT ALL BUILDING SETBACKS ARE PER THE APPROVED PLANS.
 2. PROVIDE 2% MIN. SLOPE AWAY FROM THE HOUSE ON ALL NEW LANDSCAPING & PAVE AREA AND DRIVEWAY.
 3. CONTRACTOR NEEDS TO COORDINATE ALL UTILITY DISCONNECT, CONNECTION, & UPGRADES.
 4. ALL REMAINING EXISTING LANDSCAPE TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION, TYPICAL.
 5. REMOVE EXISTING LANDSCAPE WHERE NEW CONSTRUCTION OCCURRED, VERIFY WITH OWNER FOR ITEM TO BE SAVED AND REUSED.
 6. PREPARE SITE FOR NEW CONSTRUCTION WHERE OCCURRED, SEE NEW FLOOR PLAN.
 7. PROVIDE TREE PROTECTION DURING DEMOLITION & CONSTRUCTION PER CITY REQUIREMENTS.
 8. CONTRACTOR SHALL DIVERT WATER FROM NEW DOWNSPOUTS TO LANDSCAPING AREA ON SITE. IN NO CASE SHALL THE FINAL GRADING OR DRAINAGE INCREASE THE SHEET FLOW ONTO ADJACENT PROPERTIES.

SITE PLAN GENERAL NOTES

FRONT YARD DRIVEWAY AREA (8'-4" X 20')	570 S.F. (24.7%)
FRONT YARD LANDSCAPE & WALKWAY AREA (48' X 20')	1150 S.F. (15.2%)
TOTAL FRONT YARD AREA (75' X 20')	1500 S.F. (100%)



REVISIONS

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PROPOSED SITE PLAN

A1.2



**March
DESIGN**

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550 COLYER AVENUE, UNIT 202
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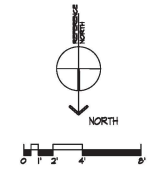
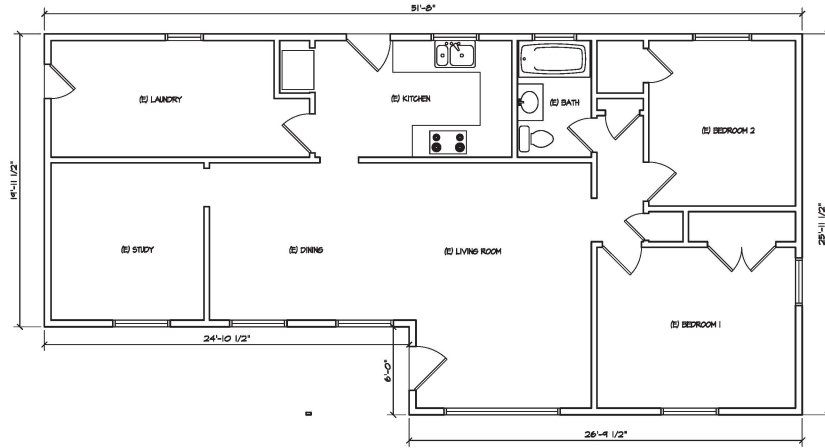
REVISIONS

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3140 HUMBOLT AVENUE
SANTA CLARA, CA 95051
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**EXISTING
FLOOR PLAN**

A2.0



① EXISTING FLOOR PLAN

1/4" = 1'-0"



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DESIGN**
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159 CLYDE AVENUE, UNIT 202
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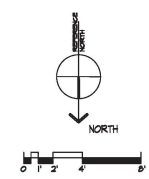
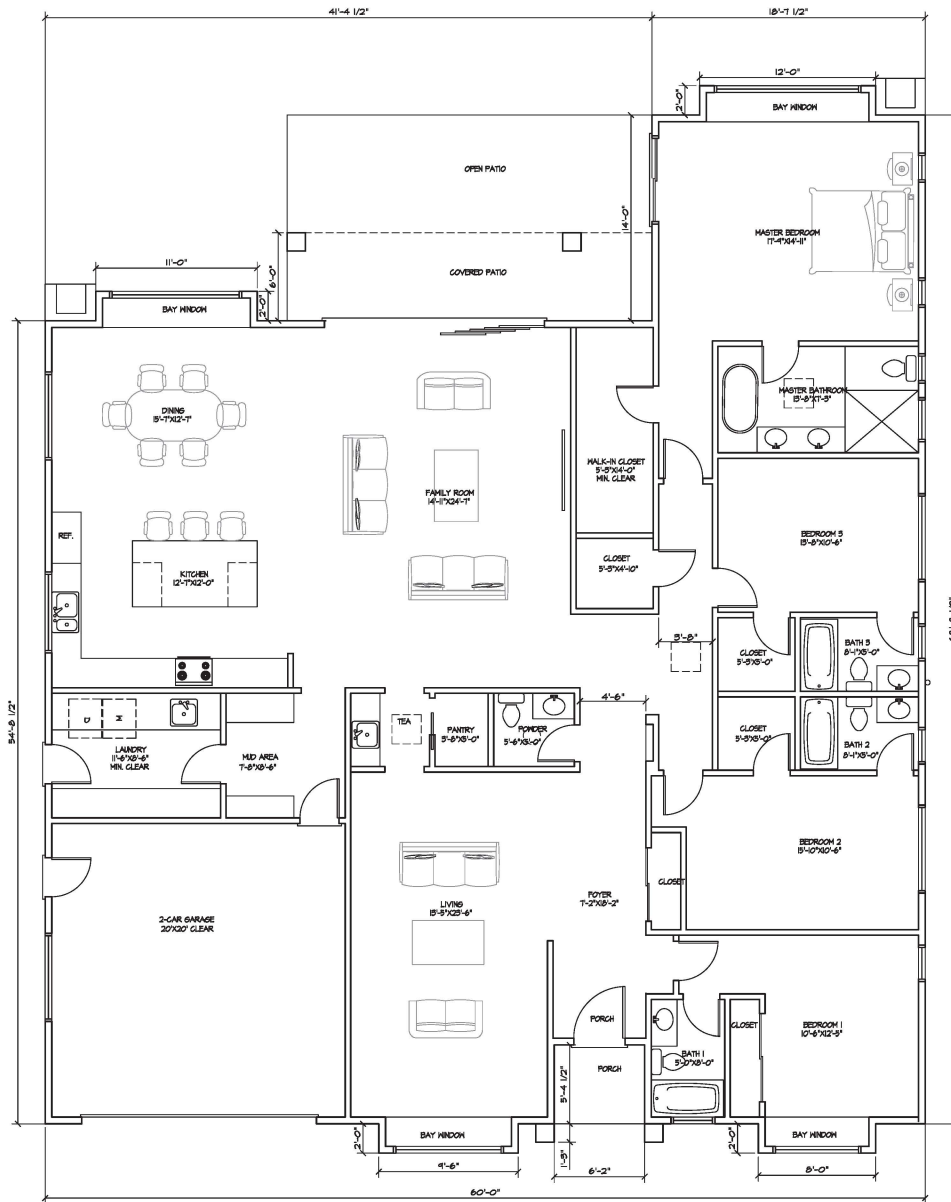
NO.	DESCRIPTION

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3140 HUMBOLT AVENUE
SANTA CLARA, CA 95051
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**PROPOSED
FLOOR PLAN**

A2.1



① PROPOSED FLOOR PLAN

1/4" = 1'-0"



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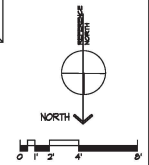
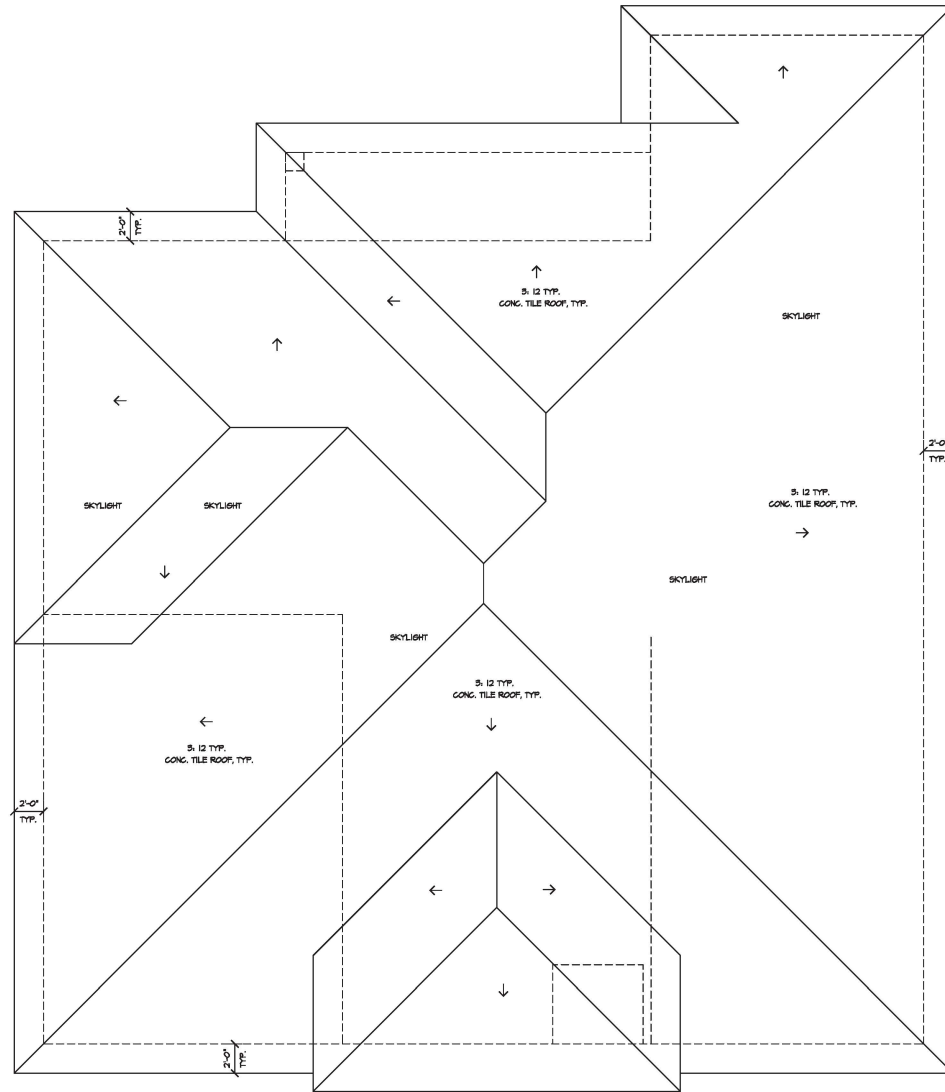
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**PROPOSED
ROOF PLAN**

A2.2



1/4" = 1'-0"

① PROPOSED ROOF PLAN



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REVISIONS

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 SANTA CLARA, CA 95051
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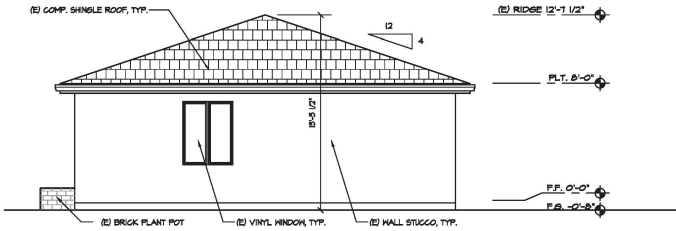
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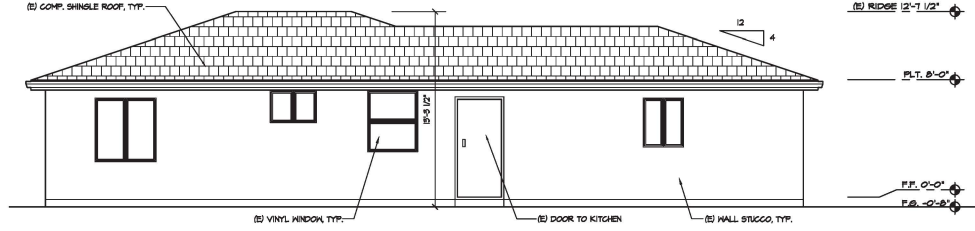
JOB NO.

EXISTING
 EXTERIOR
 ELEVATIONS

A3.0



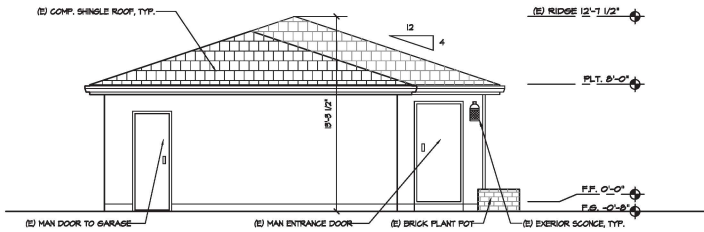
③ EXISTING LEFT SIDE ELEVATION (WEST)



① EXISTING STREET ELEVATION (NORTH)



1/4" = 1'-0"



④ EXISTING RIGHT SIDE ELEVATION (EAST)



② EXISTING REAR ELEVATION (SOUTH)



1/4" = 1'-0"

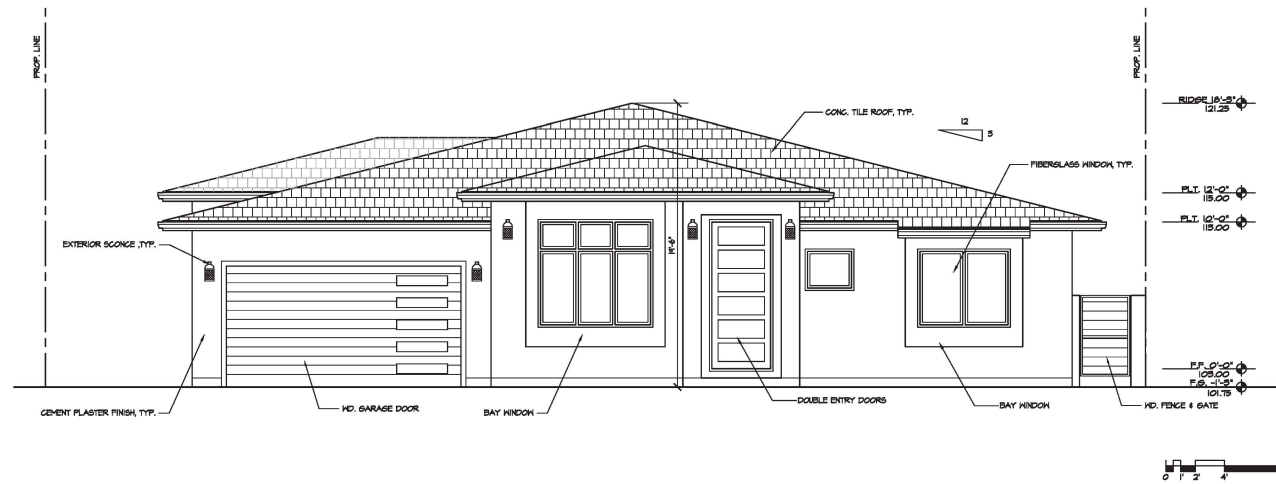


**March
DESIGN**
ARCHITECTURE | INTERIOR | PLANNING
550 OLYMPIA AVENUE, UNIT 202
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REVISIONS

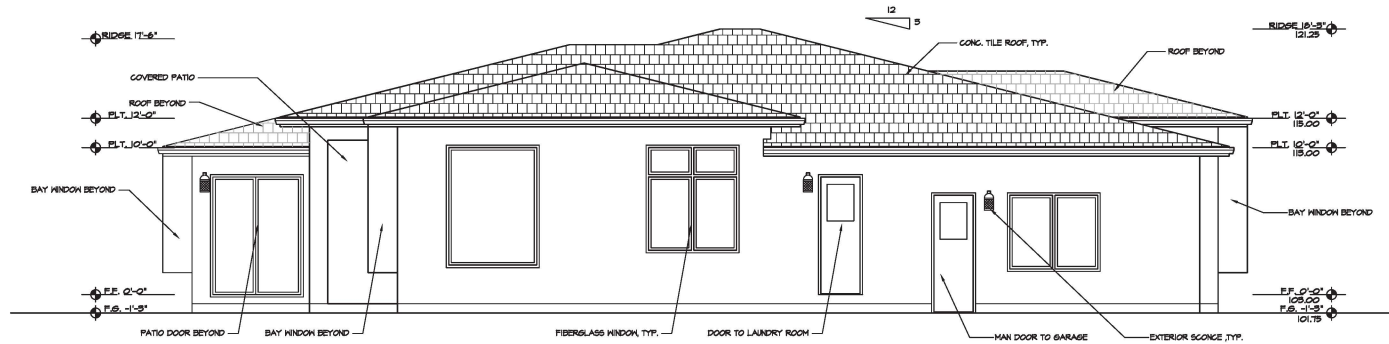
NO.	DESCRIPTION

KUANG RESIDENCE
SINGLE FAMILY RESIDENCE
3140 HUMBOLT AVENUE
SANTA CLARA, CA 95051
APN: 280-19-015



① PROPOSED STREET ELEVATION (NORTH)

1/4" = 1'-0"



② PROPOSED LEFT SIDE ELEVATION (EAST)

1/4" = 1'-0"

DATE	01/21/25
CHECKED	
DRAWN	MM
JOB NO.	

PROPOSED
EXTERIOR
ELEVATIONS

A3.1

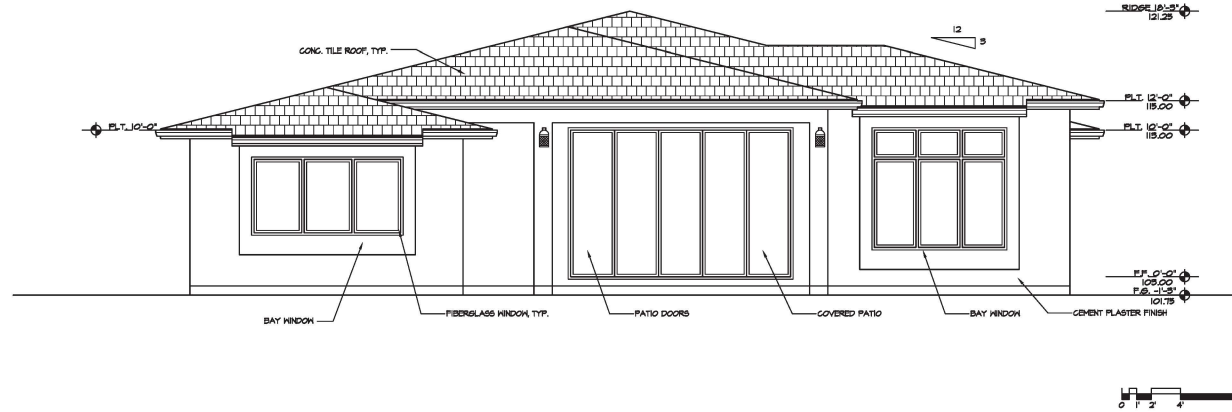


MARCH
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REVISIONS

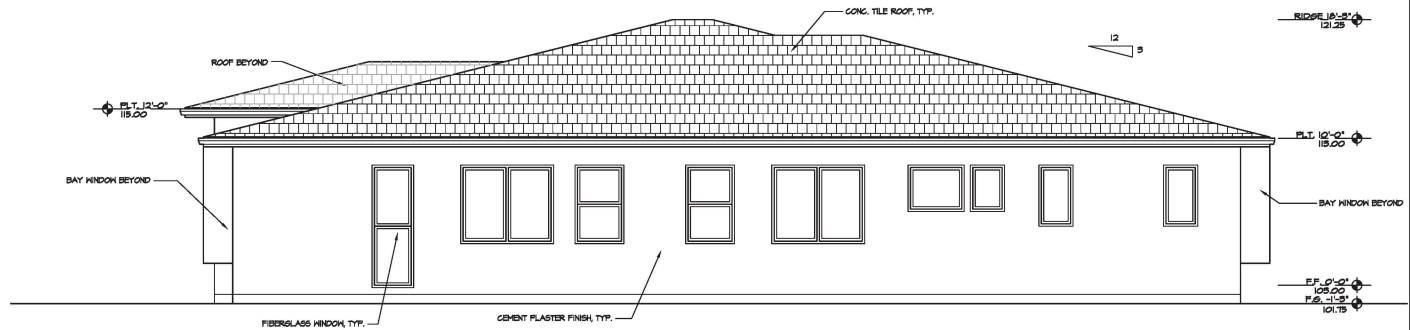
NO.	DESCRIPTION

KUANG RESIDENCE
SINGLE FAMILY RESIDENCE
3140 HUMBOLT AVENUE
SANTA CLARA, CA 95051
APN: 280-19-015



① PROPOSED REAR ELEVATION (SOUTH)

1/4" = 1'-0"



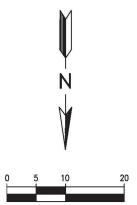
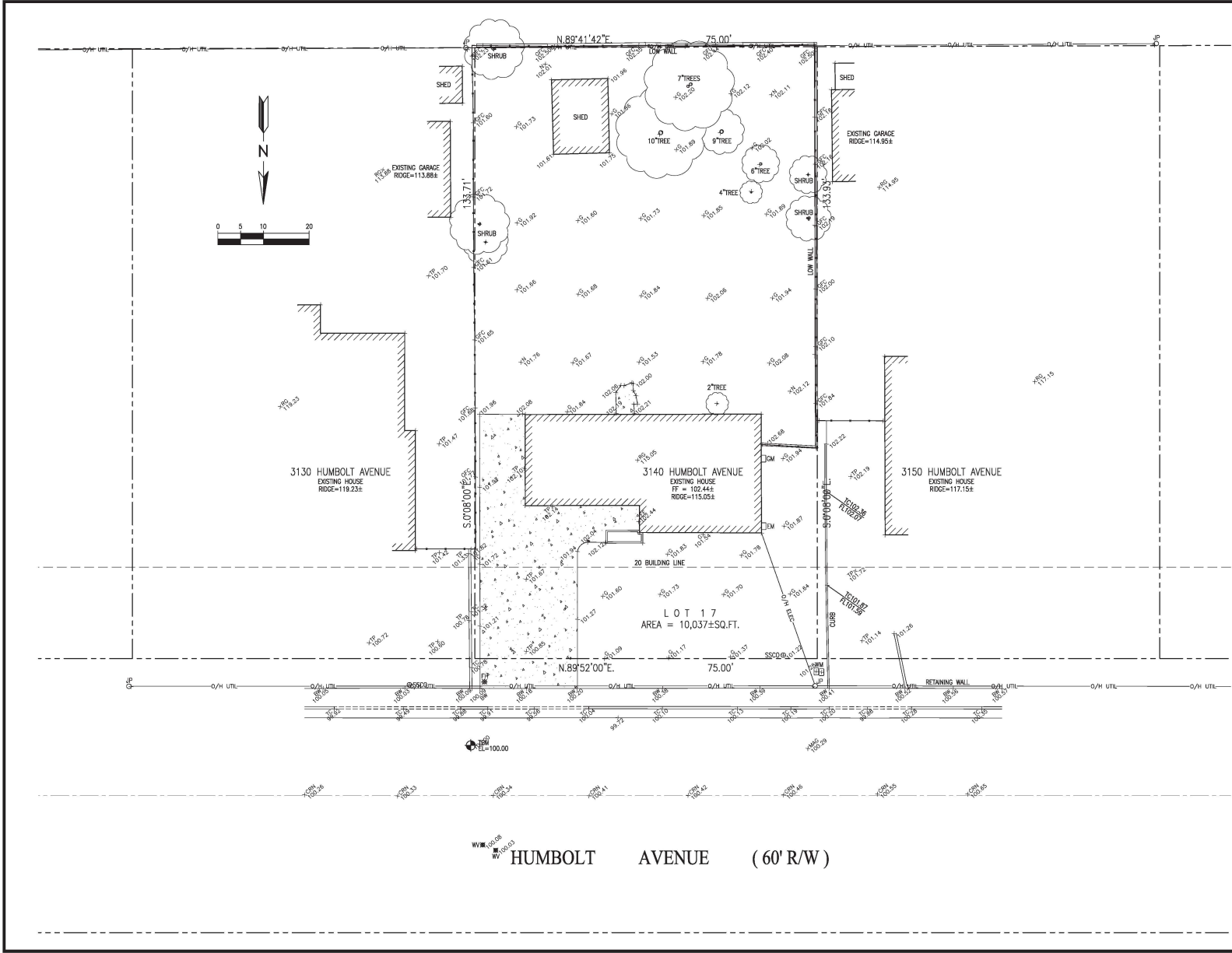
② PROPOSED RIGHT SIDE ELEVATION (WEST)

1/4" = 1'-0"

DATE	01/21/25
CHECKED	
DRAWN	MM
JOB NO.	

PROPOSED
EXTERIOR
ELEVATIONS

A3.2



LEGEND:

- AC ASPHALT CONCRETE
- BC BUILDING CORNER
- BW BACK OF WALK
- CB CATCH BASIN
- CD CORRUGATED METAL PIPE
- CE CLEAN OUT
- DN DRAIN
- DW DRAINWAY
- EC EDGE OF CONCRETE
- EM ELECTRIC METER
- EP EDGE OF PAVEMENT
- FC FENCE CORNER
- FD FOUND
- FF FINISHED FLOOR
- FL FLOW LINE
- FI FIRE HYDRANT
- FW FRONT OF WALK
- G GROUND
- GC GARAGE CORNER
- GF GARAGE FACE/FRONT
- GI GROUND AT FENCE
- GM GAS METER
- HCR HANDICAP RAMP
- HW INVERT
- IP IRON PIPE
- JP JOINT POLE
- LG LIP OF GUTTER
- OH OVERHEAD
- PC PROPERTY CORNER
- RE RETAINING WALL
- SL STREET LIGHT
- SSCO SANITARY SEWER CLEANOUT
- SSMH SANITARY SEWER MANHOLE
- SMH STORM DRAIN MANHOLE
- TBC TOP BACK ROLLED CURB
- TC TOP OF CURB
- TBE TOP OF BANK
- TOE TOE OF BANK
- TP TOP OF PAVEMENT
- TRC TOP OF ROLLED CURB
- TW TOP OF WALL
- U/G UNDERGROUND
- VCP VITRIFIED CLAY PIPE
- WV WATER VALVE
- WM WATER METER BOX
- CIV- CABLE TELEVISION LINE
- E- ELECTRICAL LINE
- G- GAS LINE
- SS- SANITARY SEWER LINE
- SD- STORM DRAIN LINE
- T- TELEPHONE LINE
- W- WATER LINE

BASIS OF BEARINGS:

THE BEARING, N89°52'00"E, OF THE CENTER LINE OF HUMBOLT AVENUE, AS SHOWN ON THAT CERTAIN MAP FILED IN THE OFFICE OF THE RECORDER OF SANTA CLARA COUNTY, STATE OF CALIFORNIA, IN BOOK 28 OF MAPS AT PAGE 3, WAS USED AS THE BASIS OF BEARINGS SHOWN ON THIS MAP.

BASIS OF ELEVATION:

TBM ELEV=100.00 (ASSUMED)

UTILITY NOTE:

UNDERGROUND UTILITIES SHOWN PER SURFACE EVIDENCE AND RECORD MAPS, MAY BE DIFFERENT THAN AS SHOWN. BEFORE EXCAVATION, CALL UNDERGROUND SERVICE ALERT (USA) 1-800-642-2444.

LEGAL DESCRIPTION:

LOT 107, TRACT NO.853, MAP REF: BOOK 28 PAGE 1, 2 AND 3

NOTE:

1. MEASUREMENT OF BUILDING LINE IS TO THE FACE OF STUDCO OR SIMILAR
2. SINCE A COPY OF TITLE REPORT WAS NOT PROVIDED, ONSITE EASEMENT WAS NOT EVALUATED.

NEW RESIDENCE

3140 HUMBOLT AVENUE
SANTA CLARA, CA
APN: 290-19-015



2625 MIDDLEFIELD RD #608
PALO ALTO, CA 94306
TEL: (650) 823-6466
FAX: (650) 887-1294

LICENS# STAMPS AND SIGNATURE:



ISSUED		
No.	Description	Date

DATE: JULY 25, 2014
SCALE: 1"=10'
DRAWN: BG
JOB: 10078

SHEET TITLE:

TOPOGRAPHIC SURVEY

SHEET NO.

C.0