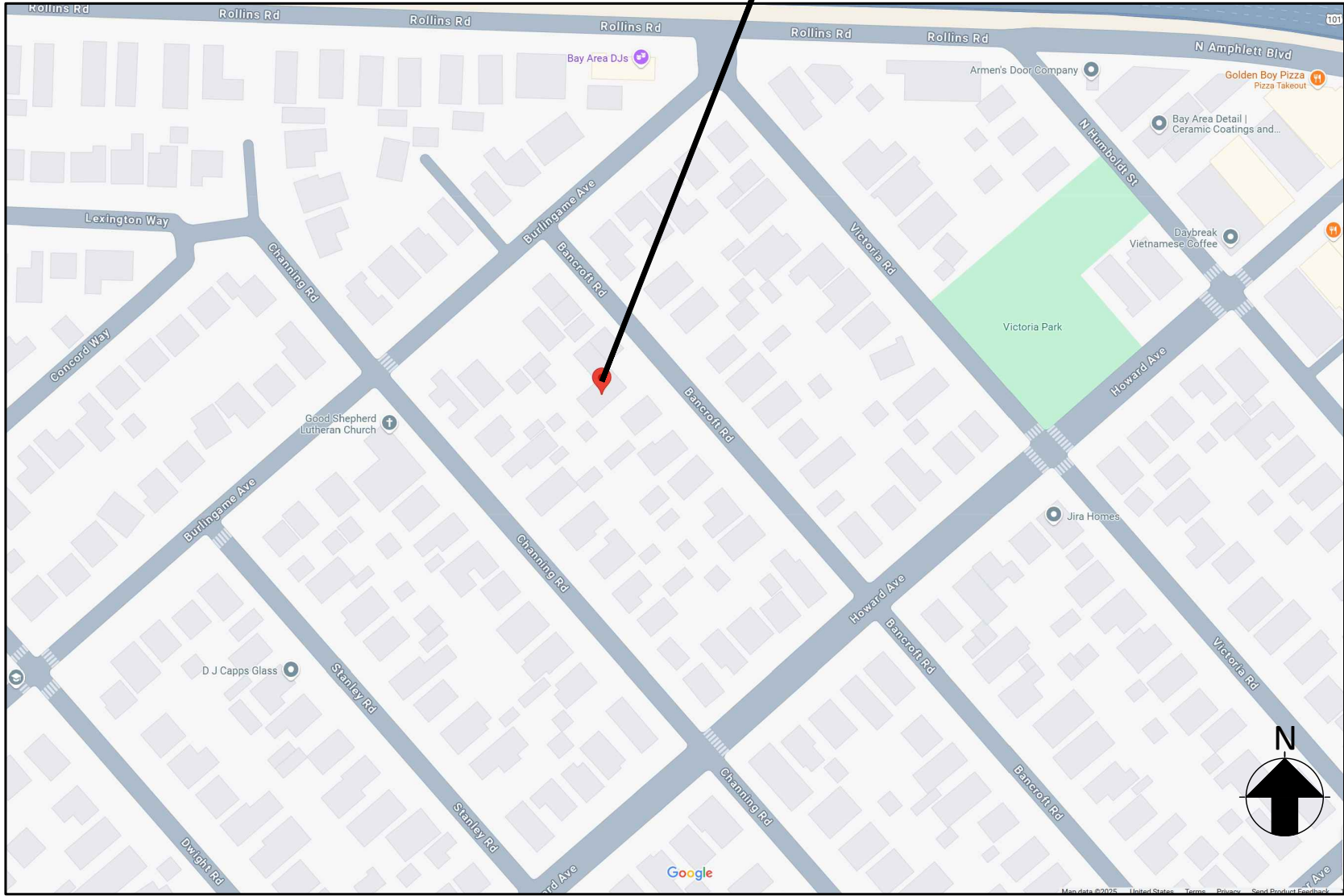


229 Bancroft Rd, Burlingame, CA 94010 --- HOUSE REBUILD

STREET VIEW



VICINITY MAP

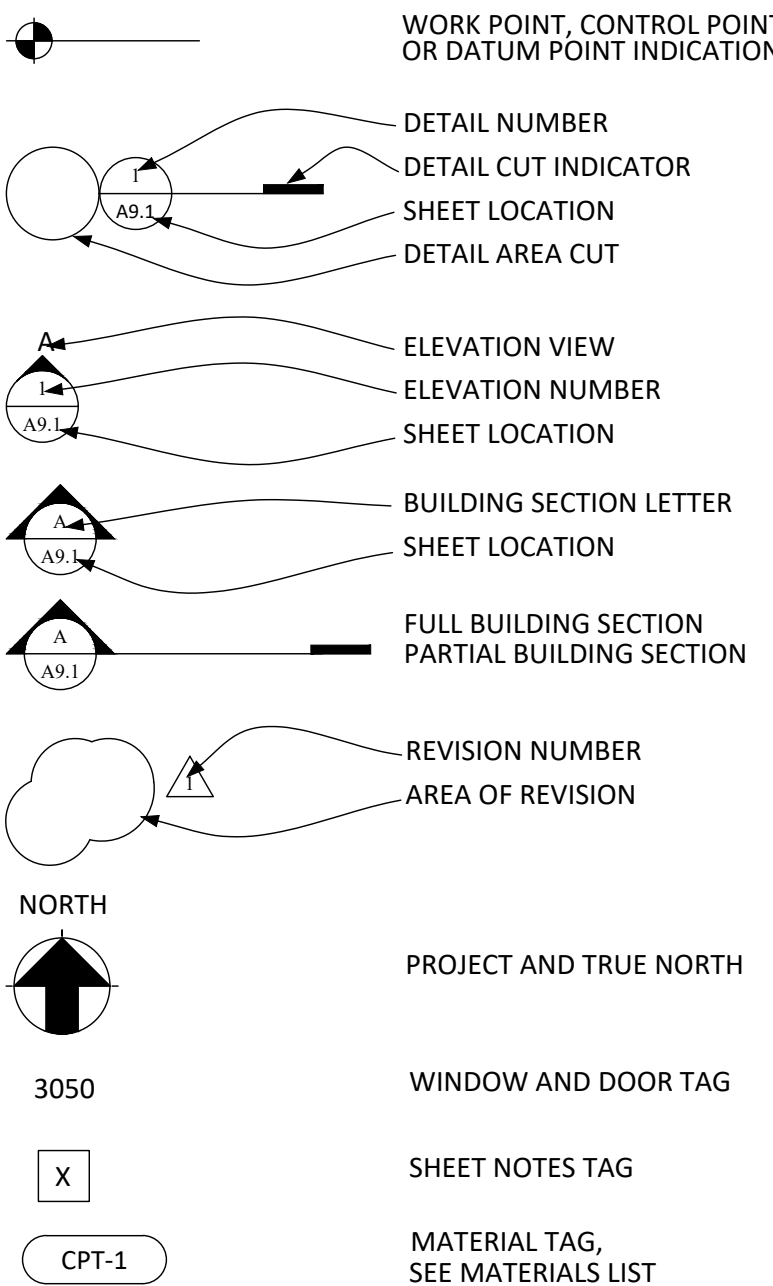


PROJECT SITE

ABBREVIATIONS

&: AND  
@: AT  
ABV: ABOVE  
AC: AIR CONDITIONING, ACOUSTICAL  
ADH: ADHESIVE  
ADI: ADJUST, ADJUSTABLE, ADJACENT  
AFF: ABOVE FINISHED FLOOR  
AGA: AMERICAN GAS ASSOCIATION  
ALT: ALTERNATE, ALTERATION; ALTITUDE  
BR: BEDROOM  
CLG: CEILING  
CSMT: CASEMENT  
DTL: DETAIL  
E: EXISTING  
ELEC: ELECTRICAL  
GA: GAUGE, GAGE  
GAL: GALLON  
GC: GENERAL CONTRACTOR  
GFCI: GROUND FAULT CIRCUIT INTERRUPTED  
GLZ: GLAZE  
GPH: GALLONS PER HOUR  
GVL: GRAVEL  
GYP: GYPSUM  
GYP BD: GYPSUM BOARD  
INSTL: INSTALL  
N: NEW  
SH: SINGLE HUNG  
U.O.N.: UNLESS OTHERWISE NOTED  
V.C.T: VINYL COMPOSITION TILE  
VERT: VERTICAL  
VYL: VINYL  
WD: WOOD  
WDW: WINDOW  
W.P.M: WATER PROOFING MEMBRANE  
WT: WEIGHT  
YD: YARD

GRAPHIC SYMBOL LEGEND



SCOPE OF WORK

DEMOLITION OF THE EXISTING HOUSE AND RECONSTRUCTION OF A TWO-STORY SINGLE-FAMILY RESIDENCE ON A 2,345 SQ. FT. LOT (2,531 SQ. FT. OF LIVING SPACE AND 352 SQ. FT. OF GARAGE) WITH A 50% FLOOR-AREA RATIO.

SOLAR PV DEFERRED SUBMITTALS:

OWNER OF THE PROPERTY NEEDS OBTAIN SOLAR PV PERMIT SEPARATELY.

FIRE SPRINKLER DEFERRED SUBMITTALS:

OWNER OF THE PROPERTY NEEDS OBTAIN SEIPARATE FIRE SPRINKLER SYSTEM PERMIT FROM FIRE DEPARTMENT.

APPLICABLE BUILDING CODES

THIS PROJECT SHALL COMPLY WITH THE FOLLOWING BUILDING CODES AND ASSOCIATED CITY OF BURLINGAME AMENDMENTS:

- 2022 CALIFORNIA RESIDENTIAL CODE
- 2022 CALIFORNIA BUILDING CODE
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
- 2022 CALIFORNIA ELECTRICAL CODE
- 2022 CALIFORNIA MECHANICAL CODE
- 2022 CALIFORNIA PLUMBING CODE
- 2022 CALIFORNIA FIRE CODE
- 2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS

DRAWING DIRECTORY

ARCHITECTURAL

- A-1.0 GENERAL INFORMATION
- A-1.1 LOT SURVEY
- A-1.1a COLORED RENDERINGS AND PERSPECTIVES
- A-1.1b AVERAGE SETBACKS
- A-1.2 EXISTING & PROPOSED SITE PLAN
- A-1.3 REQUIREMENTS FOR CONSTRUCTION
- A-1.4 EXISTING & PROPOSED LANDSCAPE PLAN
- A-1.5 TREE PROTECTION PLAN
- A-1.6 TREE PROTECTION PLAN
- A-1.7 FLOOR AREA DIAGRAM
- A-2.0 PROPOSED GROUND FLOOR PLAN & 2ND FLOOR PLAN
- A-2.1 PROPOSED ROOF PLAN
- A-2.2 WINDOW SCHEDULE & WINDOW LEGEND
- A-3.0 PROPOSED NORTH ELEVATION & B-B SECTIONS
- A-3.1 PROPOSED WEST ELEVATION & A-A SECTIONS
- A-3.2 PROPOSED SOUTH ELEVATION & EAST ELEVATION
- A-3.3 PREVIOUSLY & REVISED PROPOSED NORTH ELEVATION
- A-3.4 PREVIOUSLY & REVISED PROPOSED WEST ELEVATION
- A-3.5 PREVIOUSLY & REVISED PROPOSED SOUTH ELEVATION
- A-3.6 PREVIOUSLY & REVISED PROPOSED EAST ELEVATION
- A-4.0 DETAILS
- A-4.1 DETAILS
- A-4.2 DETAILS
- A-4.3 STAIR DETAILS
- A-5.0 MANUFACTURE"S SPECIFICATIONS
- A-5.1 MANUFACTURE"S SPECIFICATIONS
- A-6.0 CONSTRUCTION BEST MANAGEMENT PRACTICES
- E-1.0 PROPOSED GROUND FLOOR ELECTRICAL PLAN
- E-1.1 PROPOSED 2ND ELECTRICAL PLAN

CALGREEN  
CG-1

- 2022 CALIFORNIA GREEN BUILDING CODE RESIDENTIAL CHECKLIST
- 2022 BURLINGAME REACH CODE CHECKLIST

PROJECT INFORMATION

OWNER: HONGZHI LIANG

ADDRESS: 229 Bancroft Rd, Burlingame, CA 94010

PARCEL NUMBER: 029263060

FLOOD ZONE: X

ZONING DISRICT: R1

NUMBER OF PARKING SPACES: TWO

OCCUPANCY: R3

LOT AREA: 5,750 SF

CONSTRUCTION TYPE: TYPE V - B/U

NUMBER OF STORIES: TWO

NUMBER OF UNITS: ONE

FIRE SPRINKLER: YES

	EXISTING	PROPOSED	REQUIRED
NUMBER OF PARKING SPACES:	ONE	2/(1 covered)	2/(1 covered)
HEIGHT OF BUILDINGS:		24'-10"	30'-0"(Maximum)
PLATE HEIGHT :		1ST Story:9'-0", 2ND Stories:8'-0"	1ST Story:9'-0", Upper Stories:8'-0"(Maximum)
GARAGE AREA:		352 SF	
MAIN HOUSE	1,608 SF	2,569 SF	
LIVING AREA:	1,608 SF	1,543 SF	
	1,026 SF		
UNIT./BEDROOMS/BATH	1UNIT. 1 BEDROOMS 1 BATHS	1UNIT. 4 BEDROOMS 4.5 BATHS	
FAR:	0.28	0.51	Lot Area × 32% + 1,100 = 2,940 = 0.51
PERCENT LOT COVERAGE:	28%	37%	40%
FRONT SETBACK IMPERVIOUS SURFACES:		16.41%	40%
LANDSCAPING AREA:		2,020 SF	

SETBACKS:		
FRONT (1ST-STORY):	26 ft.	15 ft.
FRONT (2ST-STORY):	34'-7 1/2" ft.	20 ft.
SIDES (1ST-STORY):	4 ft.	Lots wider than 42 ft., but less than 51 ft.: 4 ft.
SIDES (2ST-STORY):		
REAR (1ST-STORY):	37'-11" ft.	15 ft.
REAR (2ST-STORY):	37'-11" ft.	20 ft.

NOTE:  
THAT IF A NEW A/C UNIT OR MECHANICAL EQUIPMENT IS GOING TO BE INSTALLED ON THE EXTERIOR OF THE BUILDING, THE NEW EQUIPMENT CANNOT EXCEED A MAXIMUM OUTDOOR NOISE LEVEL (DBA) OF SIXTY (60) DBA DAYTIME (7:00 A.M. – 10:00 P.M.) OR FIFTY (50) DBA NIGHTTIME (10:00 P.M. – 7:00 A.M.) AS MEASURED FROM THE PROPERTY LINE. BMC 25.31.080

NOTE:  
"CONSTRUCTION HOURS"  
WEEKDAYS: 8:00 A.M. – 7:00 P.M.  
SATURDAYS: 9:00 A.M. – 6:00 P.M.  
SUNDAYS AND HOLIDAYS: NO WORK ALLOWED  
(SEE CITY OF BURLINGAME MUNICIPAL CODE, SECTION 18.07.110 FOR DETAILS.)  
(SEE CITY OF BURLINGAME MUNICIPAL CODE, SECTION 13.04.100 FOR DETAILS.)  
CONSTRUCTION HOURS IN THE CITY PUBLIC RIGHT-OF-WAY ARE LIMITED TO WEEKDAYS AND NON-CITY HOLIDAYS BETWEEN 8:00 A.M. AND 5:00 P.M.

REVISED

RECEIVED  
08.26.25

CITY OF BURLINGAME  
CDD-PLANNING DIVISION

REVISION	BY

J & S CONSULTANT INC  
131 Sequoia Ave,  
Redwood City, CA 94061  
Telephone: (415) 810-0188  
E-mail: jamesli1618@yahoo.com

NEW HOUSE  
229 Bancroft Rd,  
Burlingame, CA 94010  
APN: 029263060

GENERAL INFO.

Owner:  
HONGZHI LIANG  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com



Date 01-10-2025  
Scale  
Drawn ZHONGLV Y.  
Job  
Sheet

A-1.0  
Of Sheets



REVISION	BY

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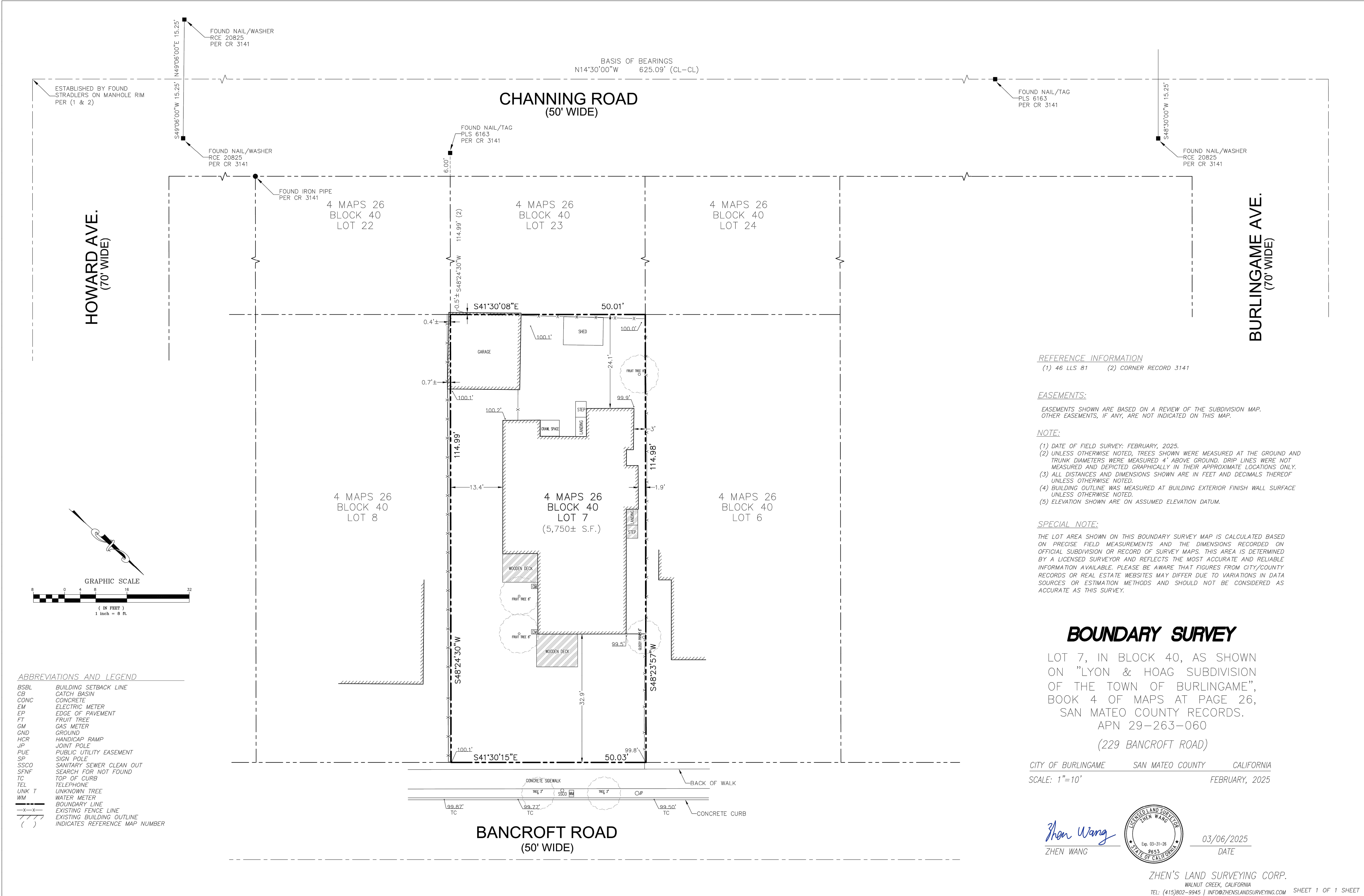
LOT SURVEY

Owner:  
HONGZHI LIANG  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com



Date	01-10-2025
Scale	1/8"=1'-0"
Drawn	ZHONGLV Y.
Job	
Sheet	

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Of Sheets



## BOUNDARY SURVEY

LOT 7, IN BLOCK 40, AS SHOWN  
ON "LYON & HOAG SUBDIVISION  
OF THE TOWN OF BURLINGAME",  
BOOK 4 OF MAPS AT PAGE 26,  
SAN MATEO COUNTY RECORDS.  
APN 29-263-060

(229 BANCROFT ROAD)

CITY OF BURLINGAME SAN MATEO COUNTY CALIFORNIA

SCALE: 1"=10'

FEBRUARY, 2025

Zhen Wang  
ZHEN WANG



03/06/2025  
DATE

ZHEN'S LAND SURVEYING CORP.

WALNUT CREEK, CALIFORNIA

TEL: (415)802-9945 | INFO@ZHENSLANDSURVEYING.COM SHEET 1 OF 1 SHEET





(P) COLORED RENDERINGS




(P) COLORED RENDERINGS



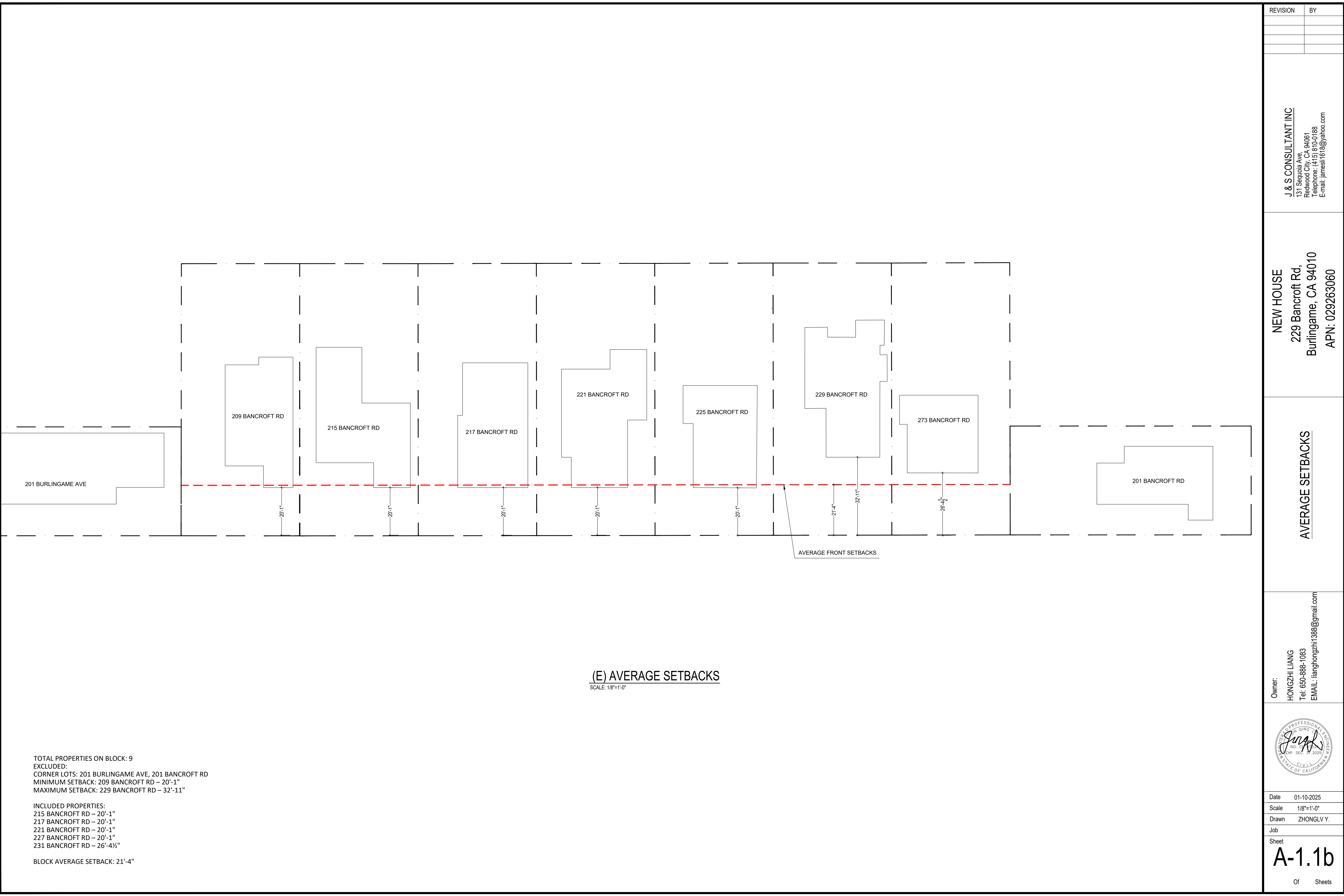
(P) COLORED RENDERINGS



(P) COLORED RENDERINGS

REVISION	BY
J & S CONSULTANT INC 131 Sequoia Ave, Redwood City, CA 94061 Telephone: (415) 810-0188 E-mail: jamesli1618@yahoo.com	
NEW HOUSE 229 Bancroft Rd, Burlingame, CA 94010 APN: 029263060	
COLORED RENDERINGS AND PERSPECTIVES	
Owner: HONGZHI LIANG Tel: 650-888-1083 EMAIL: lianghongzhi1388@gmail.com	
	
Date	01-10-2025
Scale	1/16"=1'-0"
Drawn	ZHONGLV Y.
Job	
Sheet	A-1.1a
Of	Sheets





(E) AVERAGE SETBACKS

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

TOTAL PROPERTIES ON BLOCK: 9  
EXCLUDED:  
CORNER LOTS: 201 BURLINGAME AVE, 201 BANCROFT RD  
MINIMUM SETBACK: 209 BANCROFT RD – 20'-1"  
MAXIMUM SETBACK: 229 BANCROFT RD – 32'-11"

INCLUDED PROPERTIES:  
215 BANCROFT RD – 20'-1"  
217 BANCROFT RD – 20'-1"  
221 BANCROFT RD – 20'-1"  
227 BANCROFT RD – 20'-1"  
231 BANCROFT RD – 26'-4½"

BLOCK AVERAGE SETBACK: 21'-4"


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APN: 029263060

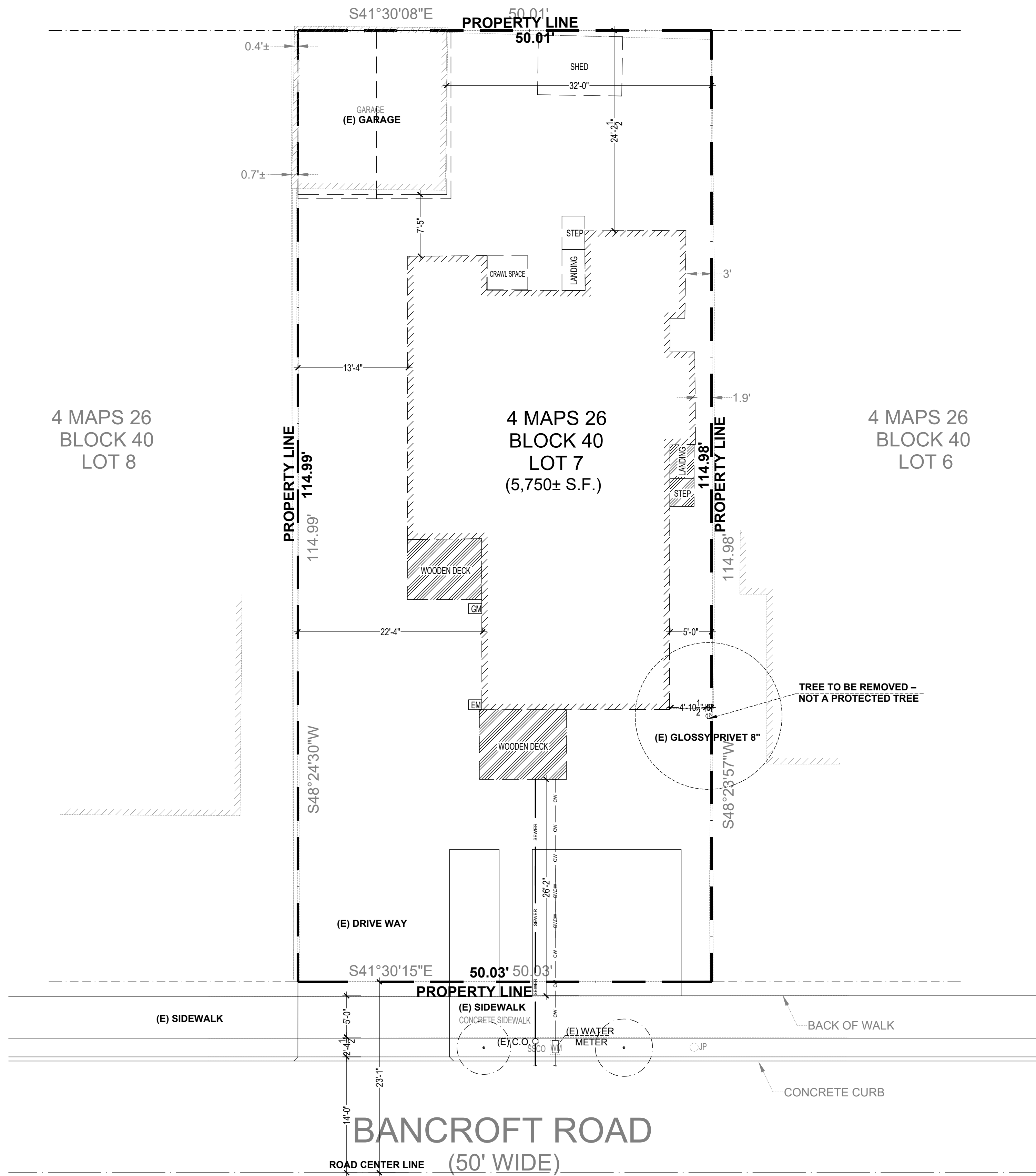
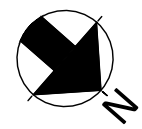
AVERAGE SETBACKS

Owner:  
HONGZHI LIANG  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com



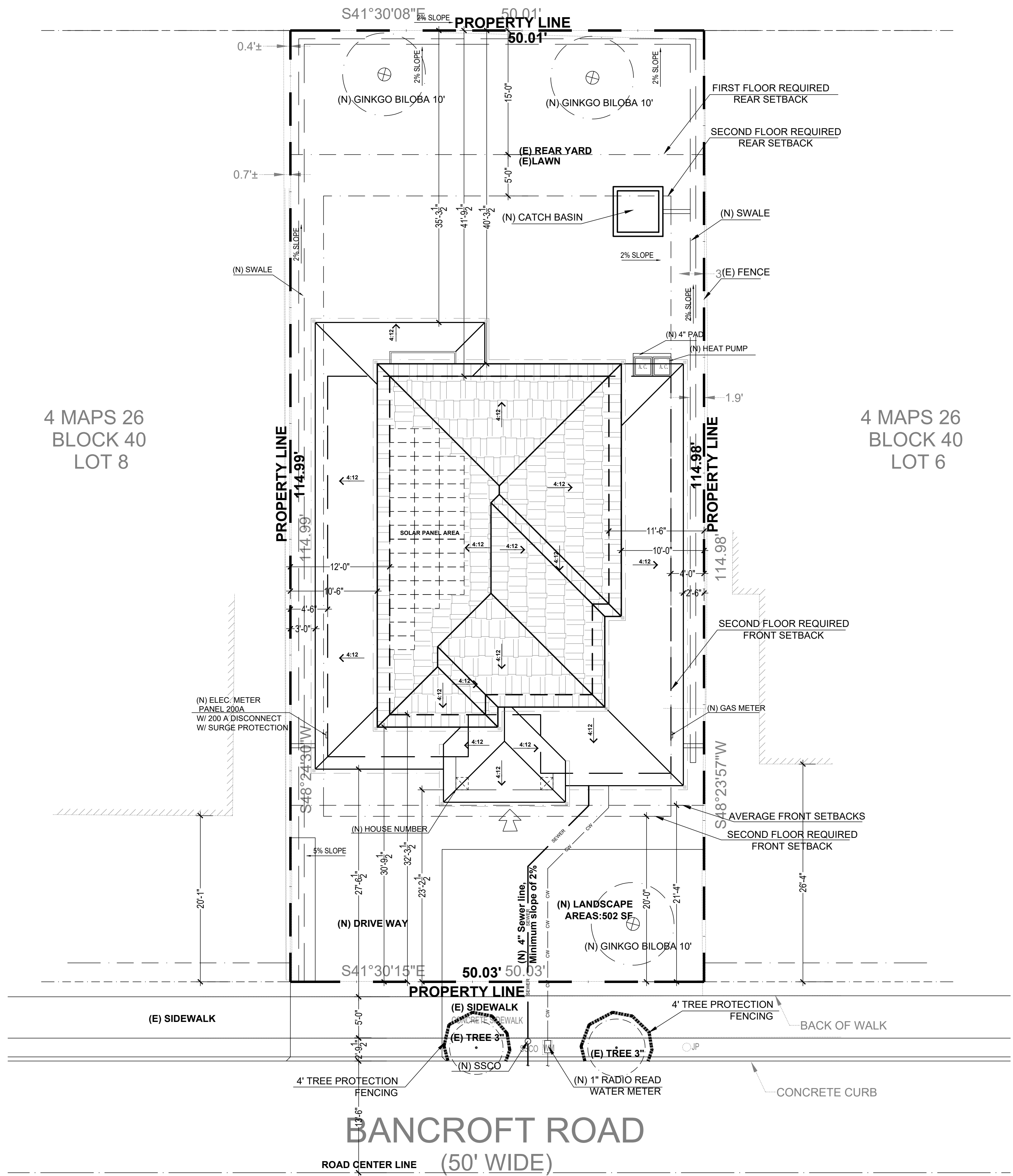
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Job  
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Of Sheets





(E) SITE PLAN  
SCALE: 1/8"=1'-0"

NOTE:  
THERE ARE NO PROTECTED TREES ON THIS PROJECT.  
ALL TREE PROTECTION MEASURES ARE TO BE IN PLACE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.  
ALL PROTECTED TREES, STREET TREES, AND REQUIRED LANDSCAPE TREES ARE TO BE IN GOOD CONDITION IN ORDER TO PASS PARKS FINAL INSPECTION.  
CONSTRUCTION MAY NOT IMPACT ANY STREET TREE ROOT OVER 2" IN DIAMETER WITHOUT CITY ARBORIST APPROVAL.  
ALL REQUIRED LANDSCAPE TREES, EXISTING OR NEW, BECOME PROTECTED TREES REGARDLESS OF SIZE AND MUST BE DISCLOSED UPON SALE OR TRANSFER OF REAL PROPERTY.



(P) SITE PLAN  
SCALE: 1/8"=1'-0"

REVISION	BY

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NEW HOUSE  
229 Bancroft Rd,  
Burlingame, CA 94010  
APN: 029263060

(E) & (P) SITE PLAN

Owner:  
HONGZHI LIANG  
Tel: 650-888-1033  
EMAIL: lianghongzhi1388@gmail.com

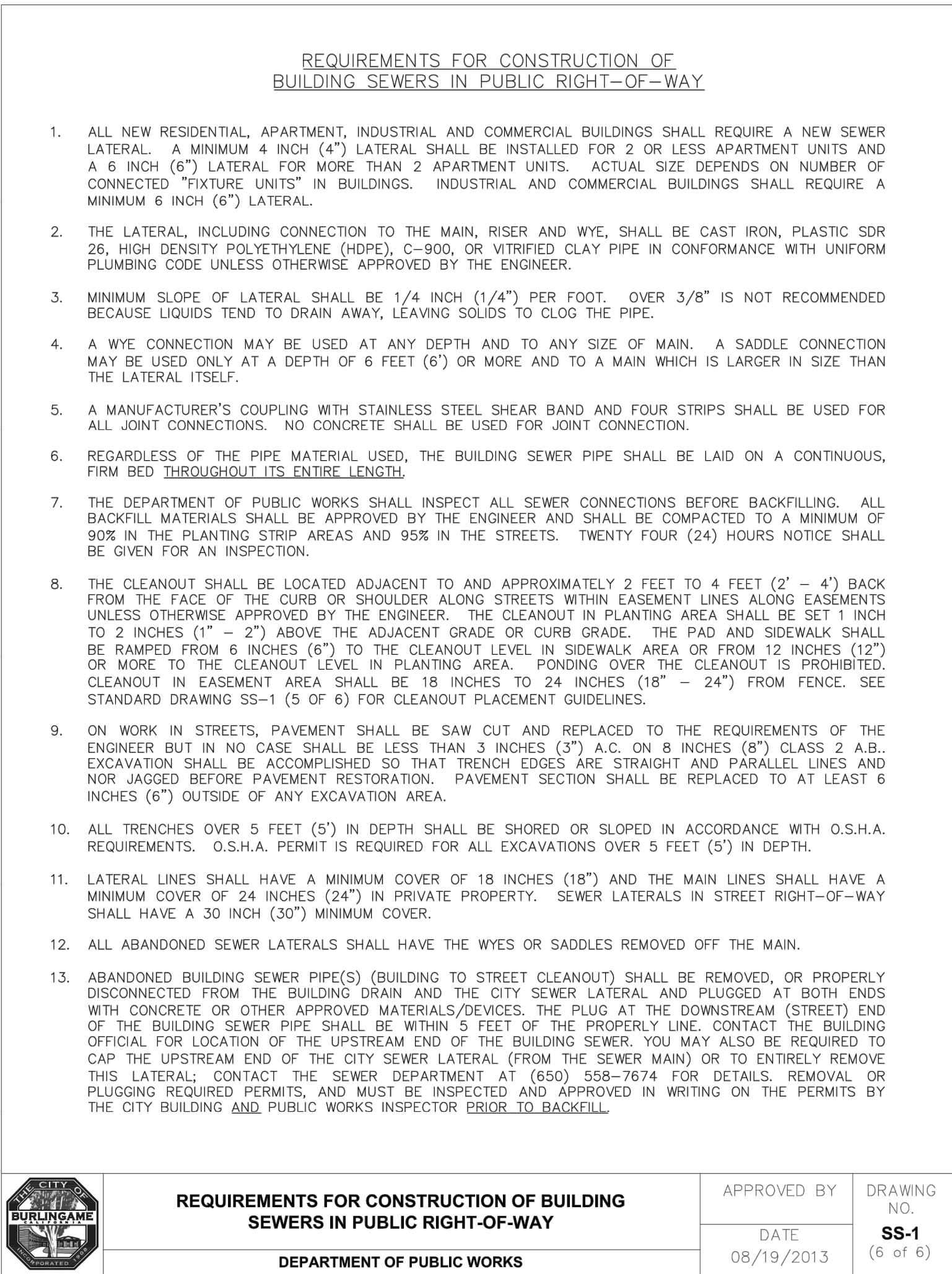
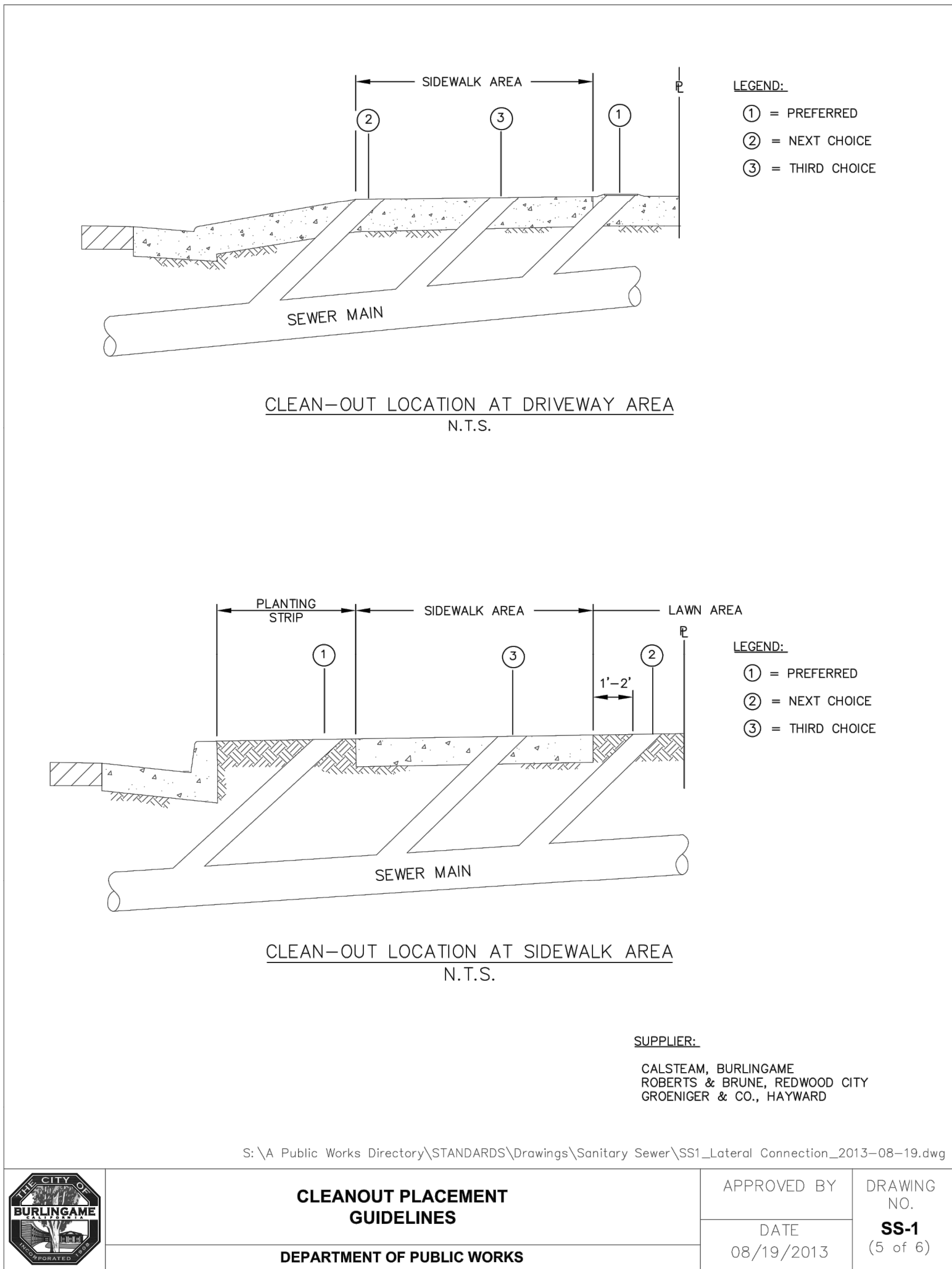
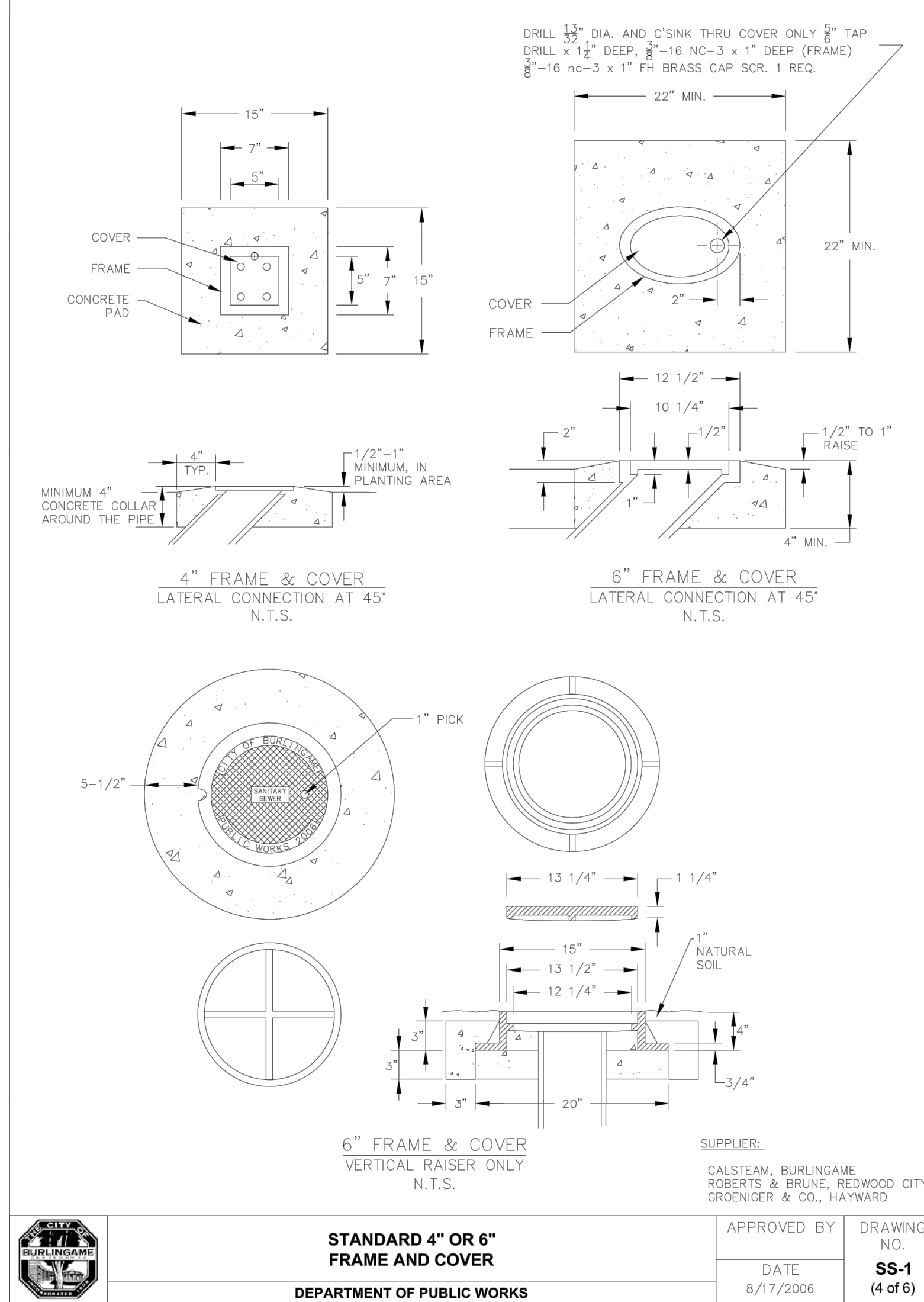
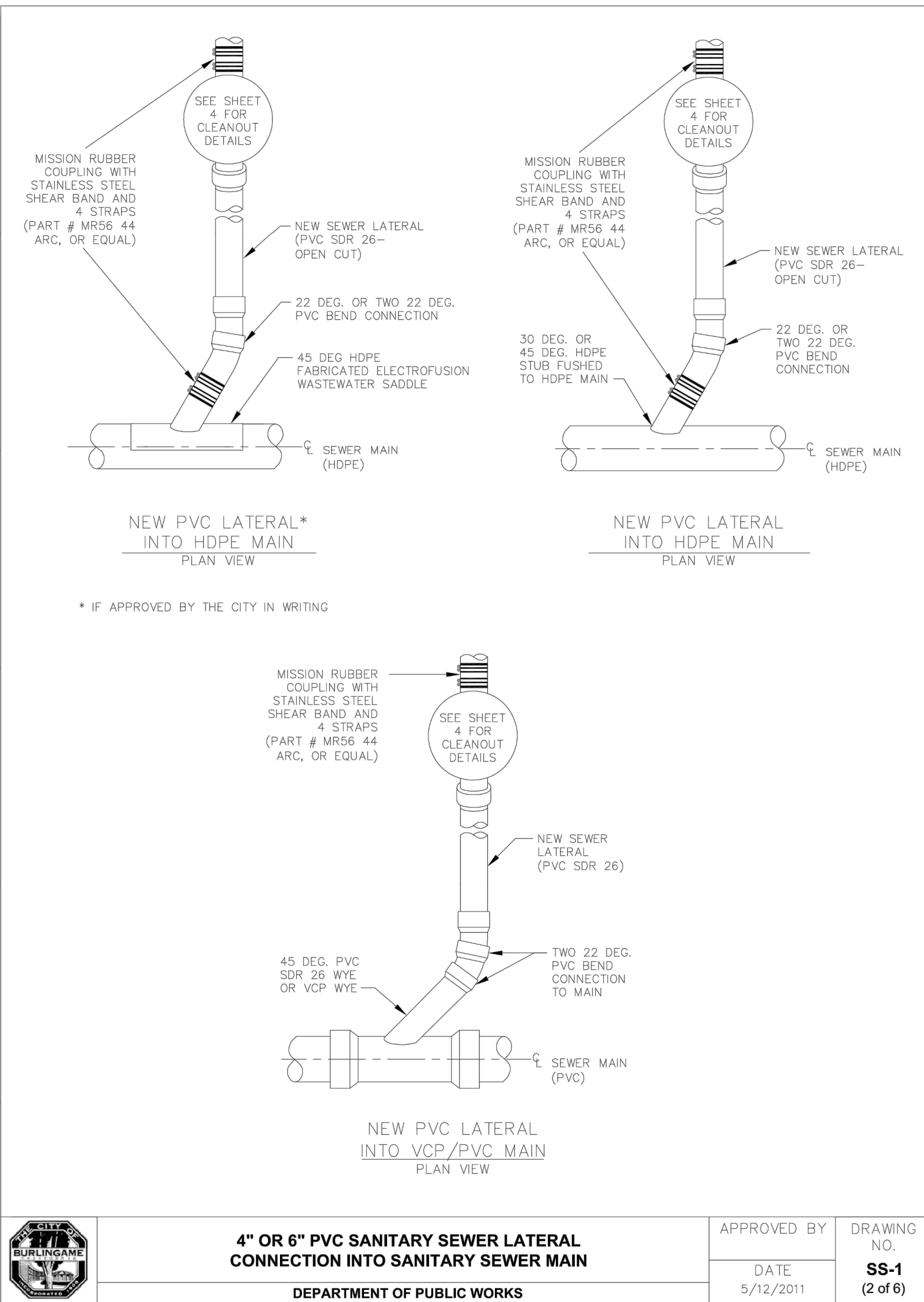
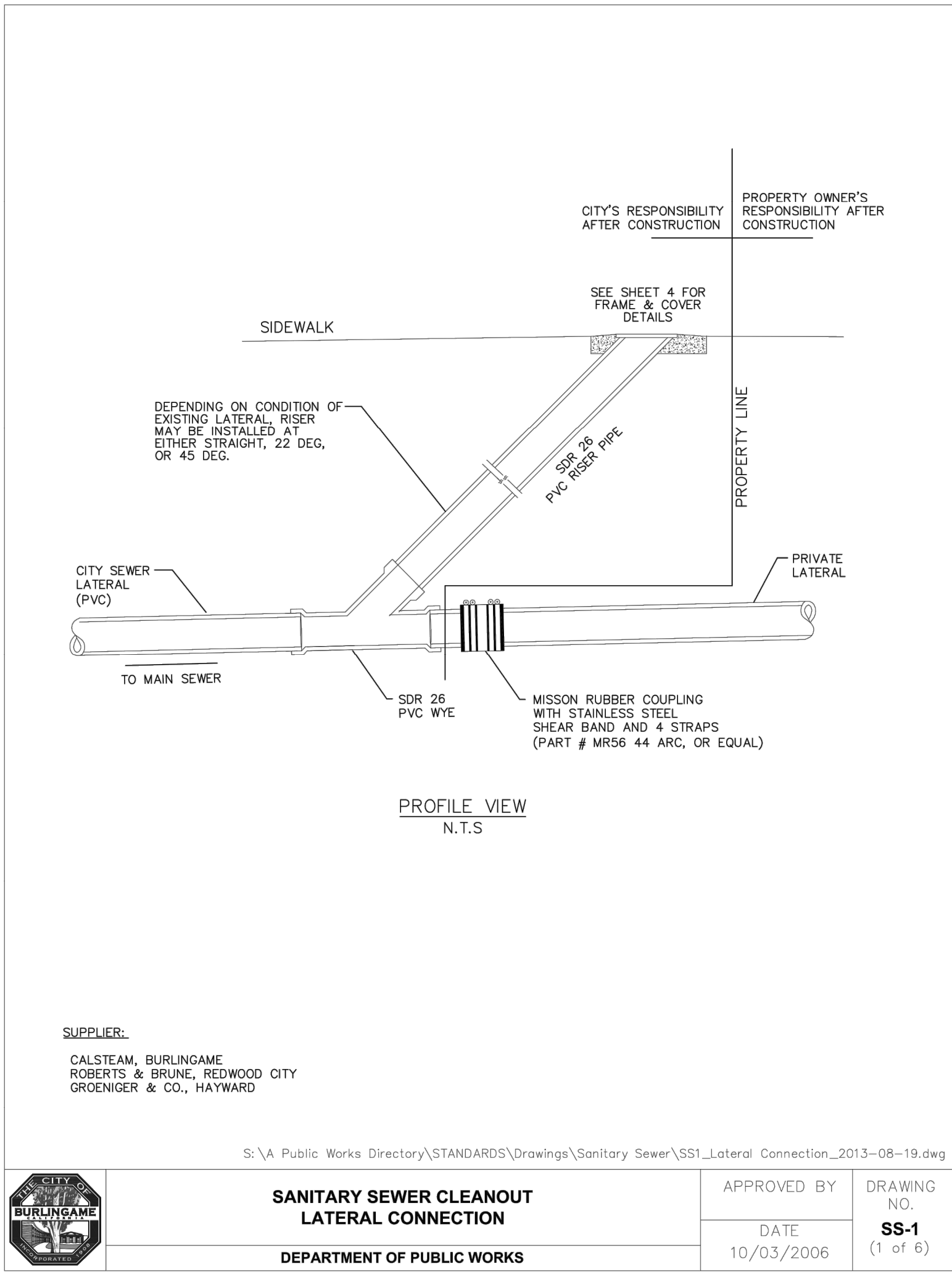


Date 01-10-2025  
Scale 1/8"=1'-0"  
Drawn ZHONGLV Y.  
Job  
Sheet

A-1.2

Of Sheets





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NEW HOUSE

229 Bancroft Rd,  
Burlingame, CA 94010  
APN: 029263060

REQUIREMENTS FOR  
CONSTRUCTION

Owner:

HONGZHI LIANG  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com

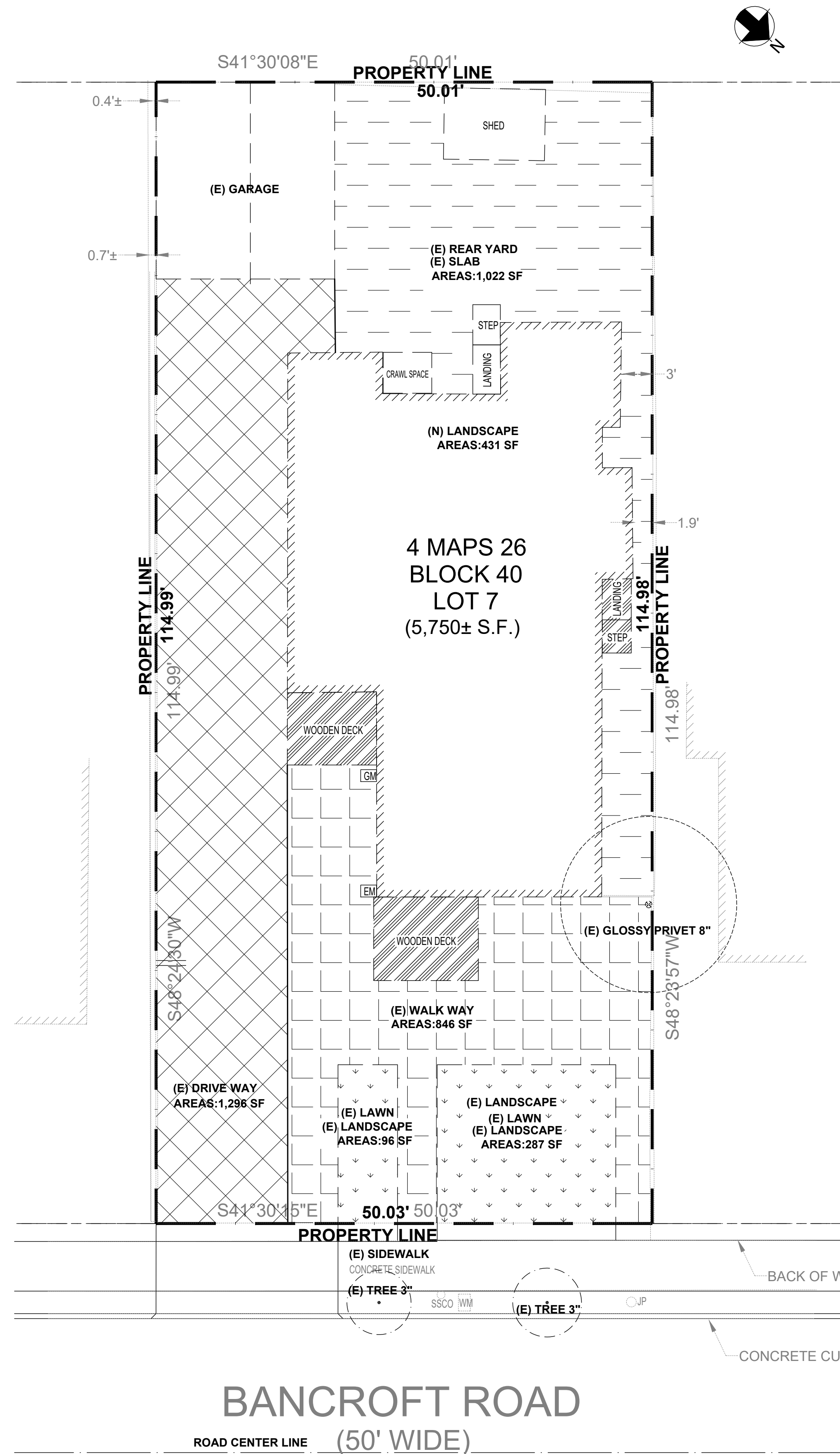
CITY OF Burlingame  
REGISTERED PROFESSIONAL ENGINEER  
No. 13333  
Exp. Dec. 31, 2025  
STATE OF CALIFORNIA

Date	01-10-2025
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Drawn	ZHONGLV Y.
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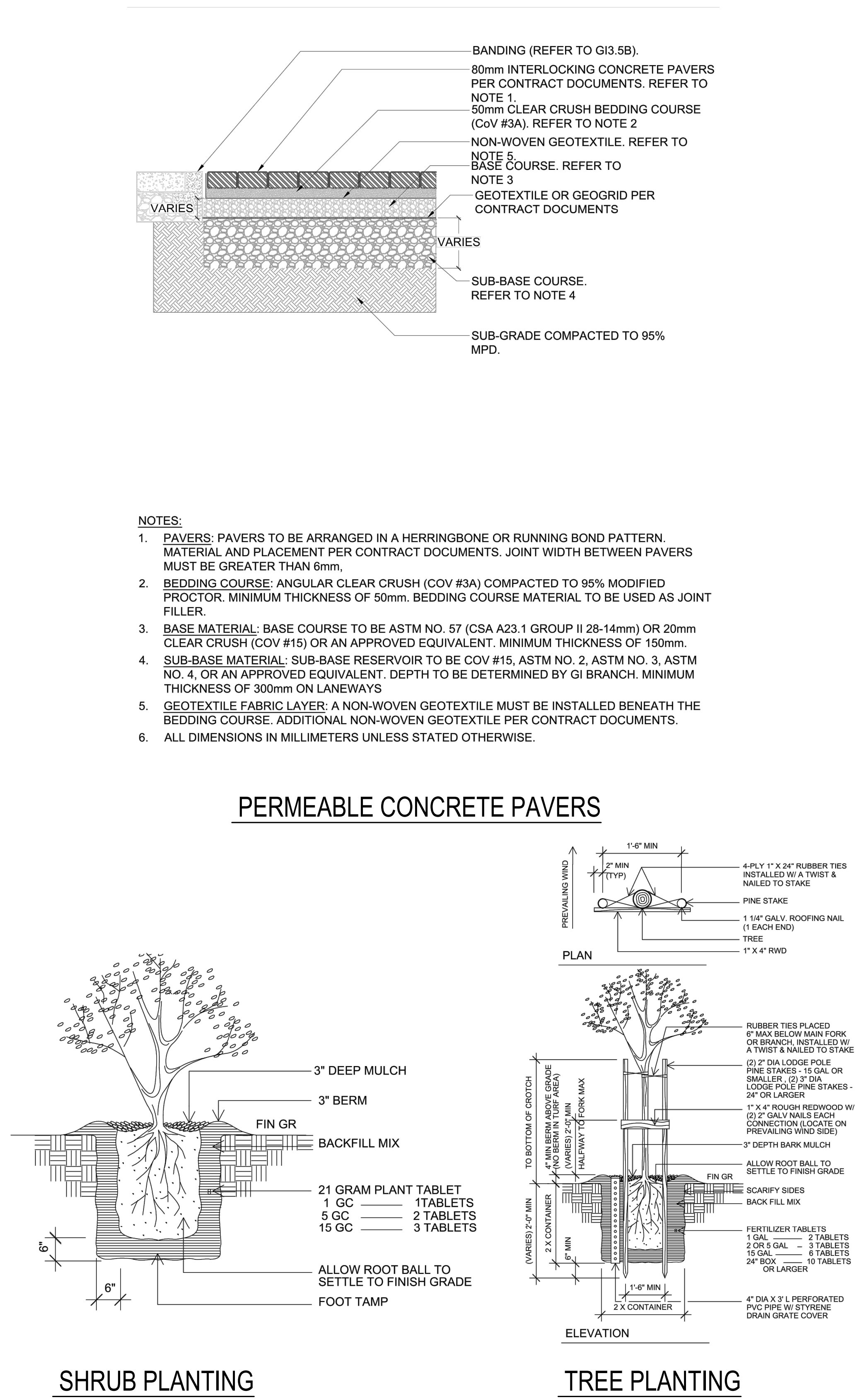
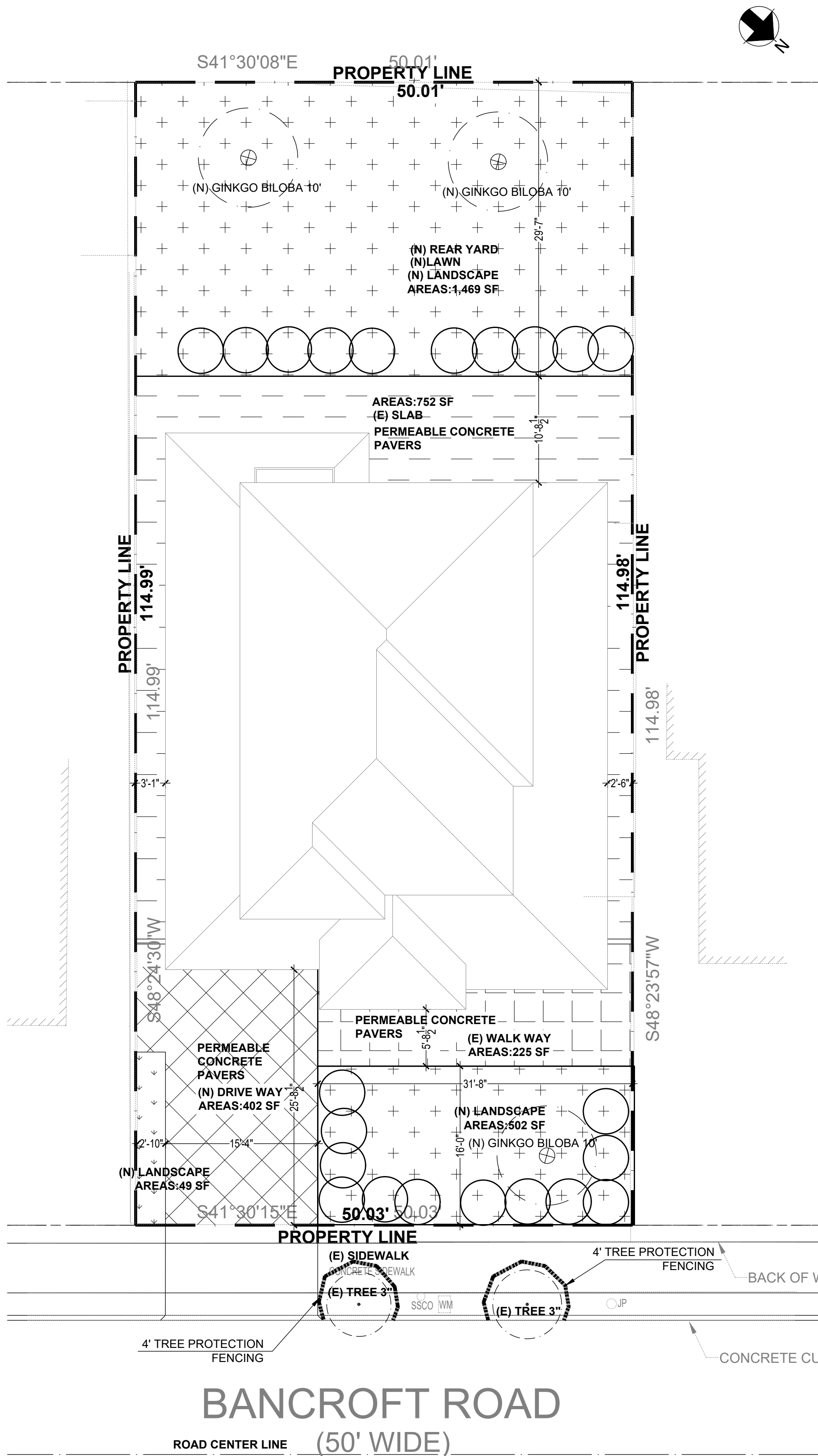
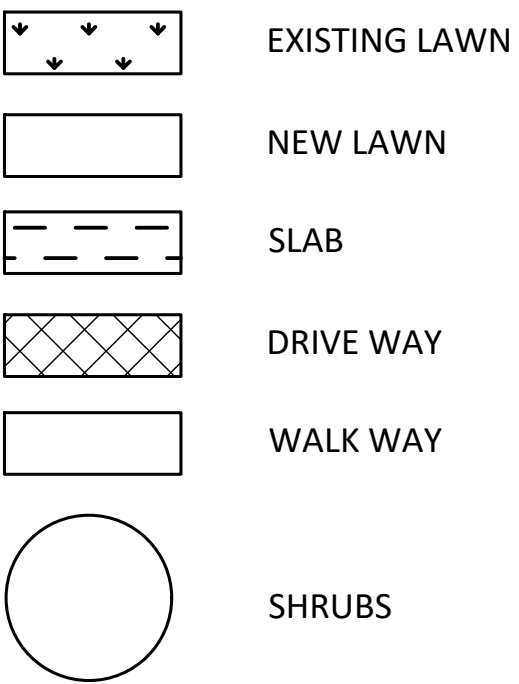
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FLOOR PLAN LEGEND



REVISION	BY

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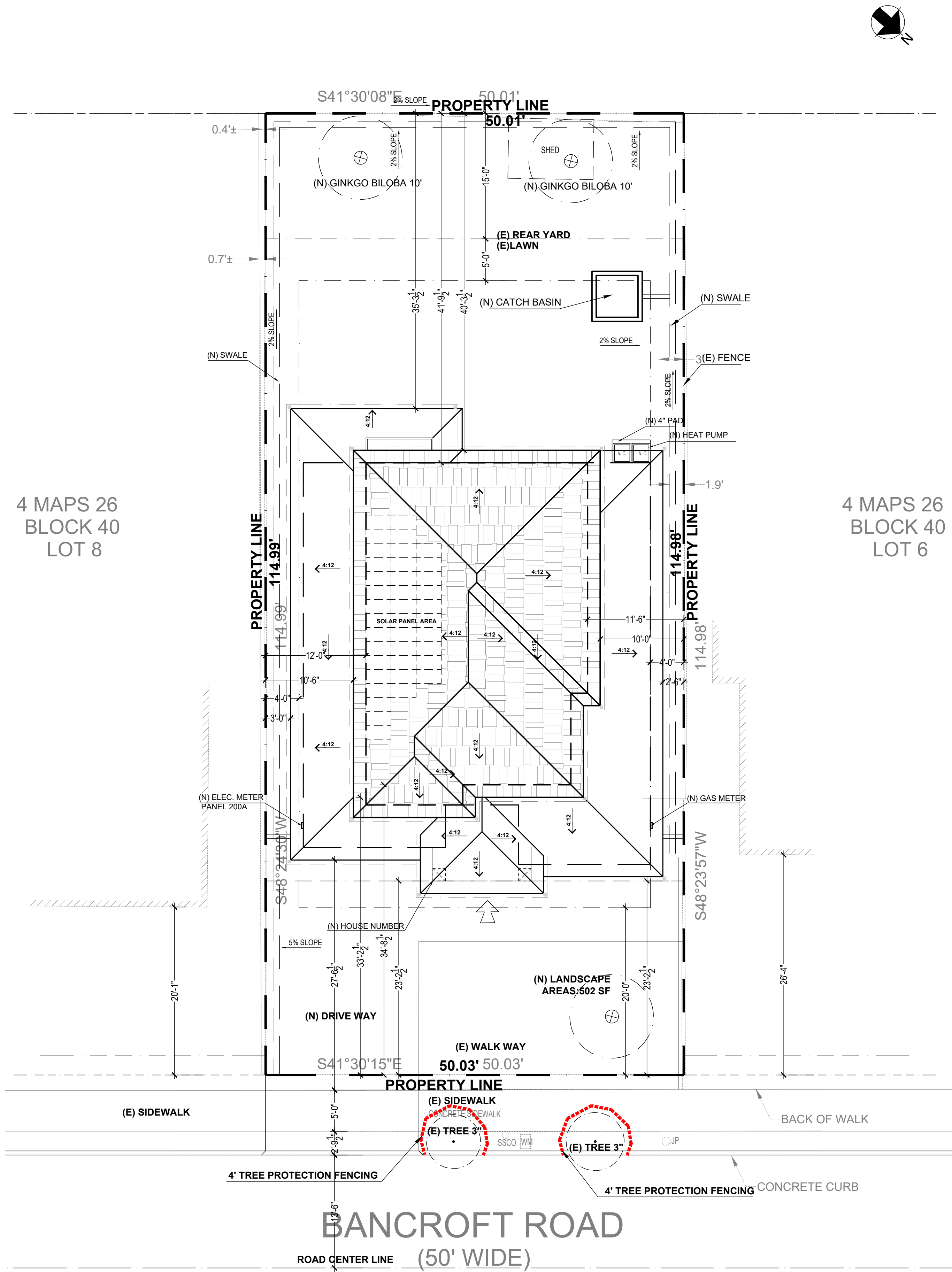
**NEW HOUSE**  
229 Bancroft Rd,  
Burlingame, CA 94010  
APN: 029263060

**(E) & (P) LANDSCAPE PLAN**

Owner: **HONGZHI LIANG**  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com

Date: 01-10-2025  
Scale: 1/8"=1'-0"  
Drawn: ZHONGLV Y.  
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Sheet: **A-1.4**  
Of Sheets



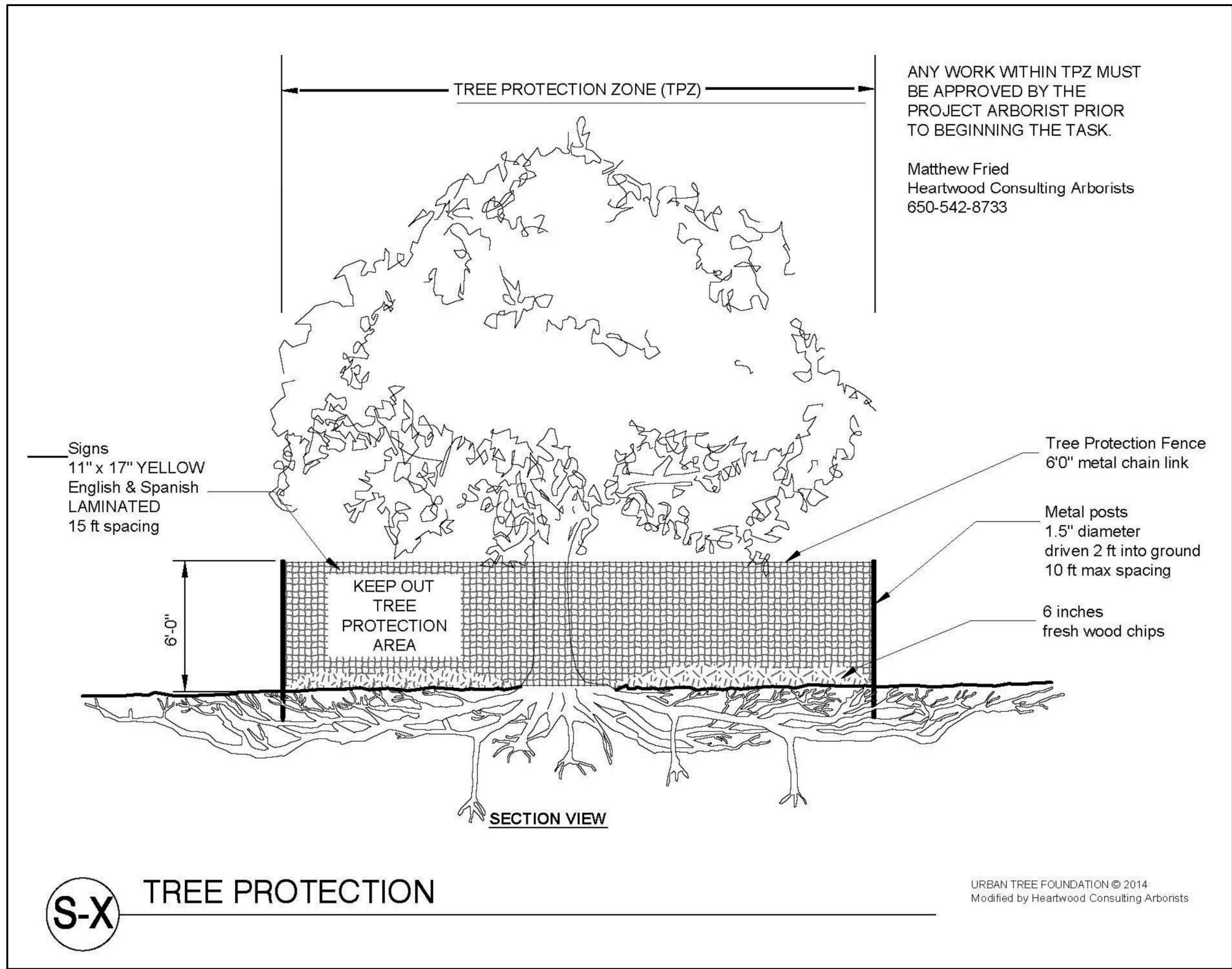


(P) SITE PLAN  
SCALE: 1/8"=1'-0"

- LEGEND
- TREE PROTECTION FENCE

TREE PROTECTION NOTES:

1. TREE PROTECTION FENCE:  
PRIOR TO ANY CONSTRUCTION, INSTALL TREE PROTECTION FENCES AT THE LOCATIONS AND DISTANCES SHOWN ON SHEET T-1. THE AREA WITHIN THE FENCE IS THE TREE PROTECTION ZONE (TPZ).
  - FENCE SHALL BE SIX (6)-FOOT-TALL CHAIN LINK.
  - FENCE POSTS SHALL BE 1.5 INCHES IN DIAMETER, DRIVEN 2 FEET INTO THE GROUND, AT MOST 10 FEET APART.
  - PERMANENT WALLS AND FENCES MAY BE USED INSTEAD OF CHAIN LINK FENCE WHERE THEY ARE OF COMPARABLE HEIGHT AND STURDINESS TO CHAIN LINK.
  - MOVABLE BARRIERS OF CHAIN LINK FENCE SECURED TO CEMENT BLOCKS MAY BE SUBSTITUTED FOR FIXED FENCE IN LIMITED CIRCUMSTANCES AND WITH CITY ARBORIST APPROVAL IF THE FENCE WILL HAVE TO BE MOVED TO ACCOMMODATE CERTAIN CONSTRUCTION PHASES.
  - MANUALLY SPREAD A 6-INCH LAYER OF COARSE WOODCHIPS THROUGHOUT ENTIRE TPZ PRIOR TO CONSTRUCTION ACTIVITY.
  - CUSTOM TPZ WARNING SIGNS (ENGLISH AND SPANISH) SHALL BE PRINTED ON 11"x 17" LAMINATED YELLOW PAPER AND SECURED IN A PROMINENT LOCATION ON EACH PROTECTION FENCE.
  - IF CONSTRUCTION ACTIVITIES ARE PLANNED BETWEEN APRIL AND OCTOBER, TEMPORARY SUPPLEMENTAL IRRIGATION (SOAKER HOSE) SHALL BE INSTALLED THROUGHOUT THE TPZ. THE PROJECT ARBORIST WILL DIRECT THE WATERING SCHEDULE BASED ON SITE-SPECIFIC CONSIDERATIONS AND RECENT WEATHERHOWN IN THE CONTRACTOR'S DETAILED REDLINES.THESE REDLINES SHALL BE PROVIDED TO THE ENGINEER OF RECORD FOR THE PREPARATION OF ACCURATE RECORD DRAWINGS.
- 2.TREE PROTECTION VERIFICATION LETTER:  
NOTIFY THE PROJECT ARBORIST AFTER TREE PROTECTION MEASURES HAVE BEEN INSTALLED. THE PROJECT ARBORIST MUST INSPECT THE MEASURES TO VERIFY THEIR COMPLIANCE AND WILL ISSUE A LETTER TO THE CITY WITH THEIR FINDINGS.
- 3.MEETING WITH PROJECT ARBORIST:  
PRIOR TO BEGINNING ANY WORK OR DEMOLITION, ALL CONTRACTORS INVOLVED WITH THE PROJECT SHOULD ATTEND A PRE-CONSTRUCTION MEETING WITH THE PROJECT ARBORIST TO:
  - REVIEW THE TREE PROTECTION GUIDELINES. ACCESS ROUTES, STORAGE AREAS, AND WORK PROCEDURES WILL BE DISCUSSED.
  - IDENTIFY ANY POTENTIAL CLEARANCE PRUNING THAT MAY BE REQUIRED TO ACCOMMODATE CONSTRUCTION.
  - THE GENERAL CONTRACTOR OR PROJECT MANAGER IS RESPONSIBLE ULNG THIS MEETING.
- 4.ALERT PROJECT ARBORIST WHEN CONSTRUCTION IS SCHEDULED TO BEGIN. THE PROJECT ARBORIST SHALL VISIT THE SITE MONTHLY UNTIL PROJECT COMPLETION TO:
  - MONITOR THE EFFECTIVENESS OF THE TREE PRESERVATION PLAN.
  - PROVIDE RECOMMENDATIONS FOR ANY NECESSARY ADDITIONAL CARE OR TREATMENT.
  - ISSUE A REPORT TO THE CITY WITH THEIR FINDINGS.
  - THE FINAL REPORT WILL INCLUDE RECOMMENDATIONS FOR POST-CONSTRUCTION MITIGATION AND TREATMENTS, IF APPROPRIATE.
- 5.MAINTAIN TREE PROTECTION FENCES AROUND ALL TPZS AND INSPECT DAILY FOR #1 DAMAGE AND PROPER FUNCTION.
- 6.DO NOT REMOVE, ADJUST, OR WORK INSIDE ANY TPZ WITHOUT CONSULTING THE PROJECT ARBORIST.
- 7.TREE PROTECTION ZONE (TPZ) RESTRICTIONS:
  - NO OPERATION, STORAGE, OR PARKING OF VEHICLES OR HEAVY EQUIPMENT.
  - NO STORAGE OR DISPOSAL OF BUILDING MATERIALS, REFUSE, SOIL, EXCAVATED SPOILS, OR CHEMICALS OF ANY KIND.
  - NO CUTTING OF TREE ROOTS BY UTILITY TRENCHING, FOUNDATION DIGGING, OR ANY MISCELLANEOUS EXCAVATION WITHOUT PRIOR APPROVAL OF THE PROJECT ARBORIST.
  - NO USE OF TPZ AS A REST/LUNCH/BREAK AREA BY PROJECT STAFF.
  - NO GRADE CHANGES OF ANY KIND EXCEPT AS EXPRESSLY DESIGNED OR APPROVED BY THE PROJECT ARBORIST.
  - NO ALTERATION OR DISTURBANCE, FOR ANY DURATION, OF THE GROUND INSIDE THE TPZ.
- 8.ANY WORK WITHIN ANY TPZ MUST BE APPROVED BY THE PROJECT ARBORIST PRIOR TO BEGINNING THE TASK.
9. ROOT MANAGEMENT:
  - IF ROOTS 1-2 INCHES IN DIAMETER MUST BE CUT, SEVER THEM CLEAN AND SQUARE AT UNDAMAGED TISSUE USING BYPASS PRUNERS FOR A SHARP SAW.
  - IF ROOTS OVER 2" MUST BE CUT, STOP WORK IN THAT AREA AND CONTACT THE PROJECT ARBORIST IMMEDIATELY FOR GUIDANCE.
  - THE PROJECT ARBORIST WILL INSPECT THE EXPOSED ROOT(S) TO ASSESS THE IMPACT OF CUTTING AND OVERSEE/DOCUMENT ANY APPROVED ROOT CUTTING.
  - EXPOSED ROOTS AND UPPER 3 FEET OF TRENCH WALLS SHALL BE COVERED WITH 3-4 LAYERS OF BURLAP OR ABSORBENT FABRIC AND KEPT MOIST UNTIL BACKFILLED.
- 10.PRUNING / TRIMMING:  
ANY PRUNING OF ANY LIMBS OR ROOTS OVER 2"DIAMETER MUST BE SUPERVISED BY THE PROJECT ARBORIST.



REVISION	BY

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NEW HOUSE  
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Burlingame, CA 94010  
APN: 029263060

TREE PROTECTION PLAN

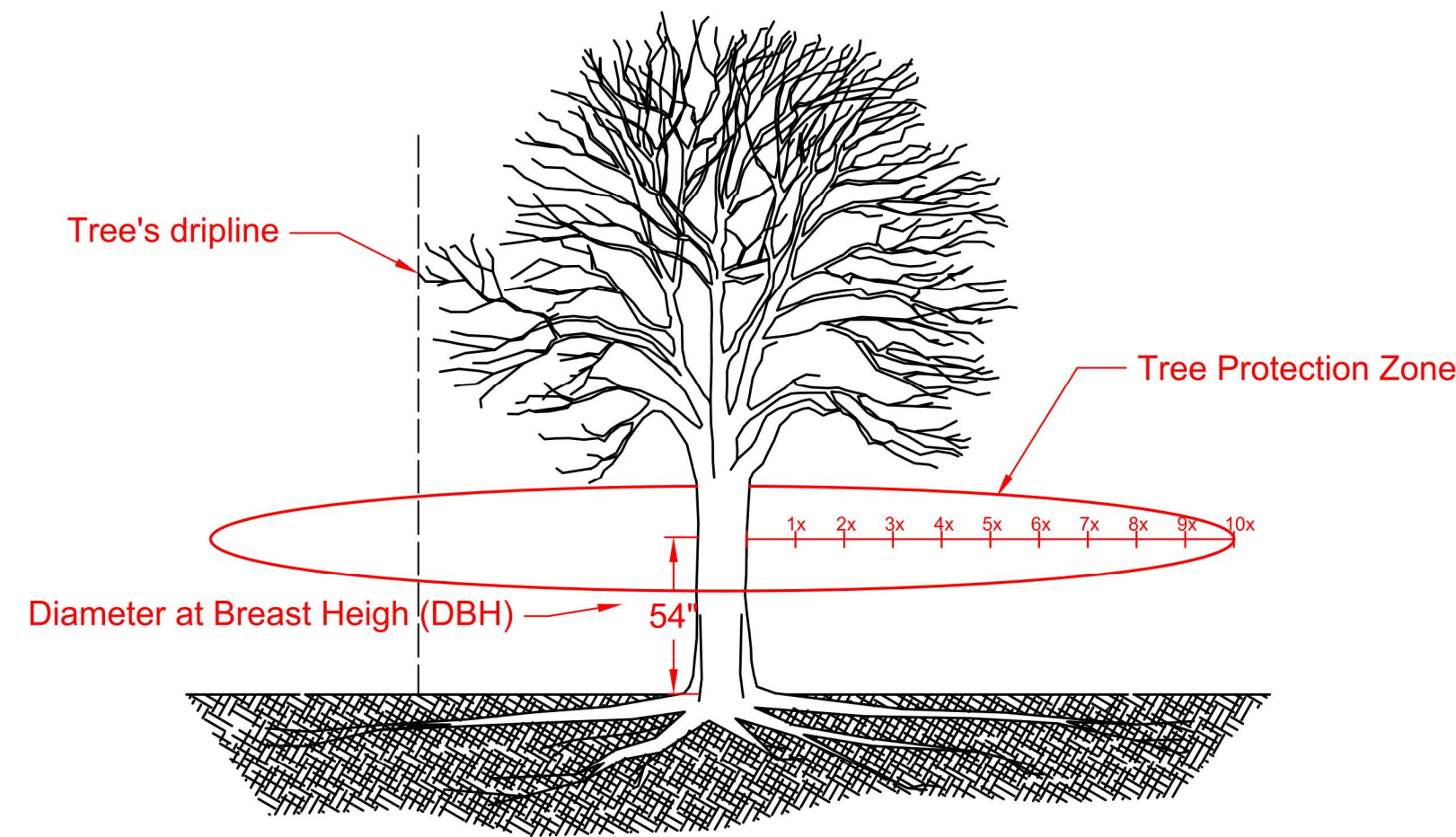
Owner:  
HONGZHI LIANG  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com

DATE: 01-10-2025  
SCALE: 1/8"=1'-0"  
DRAWN: ZHONGLV Y.  
JOB:  
SHEET: A-1.5

Of Sheets



1 TREE PROTECTION ZONE  
SECTION VIEW



PROTECTED TREES

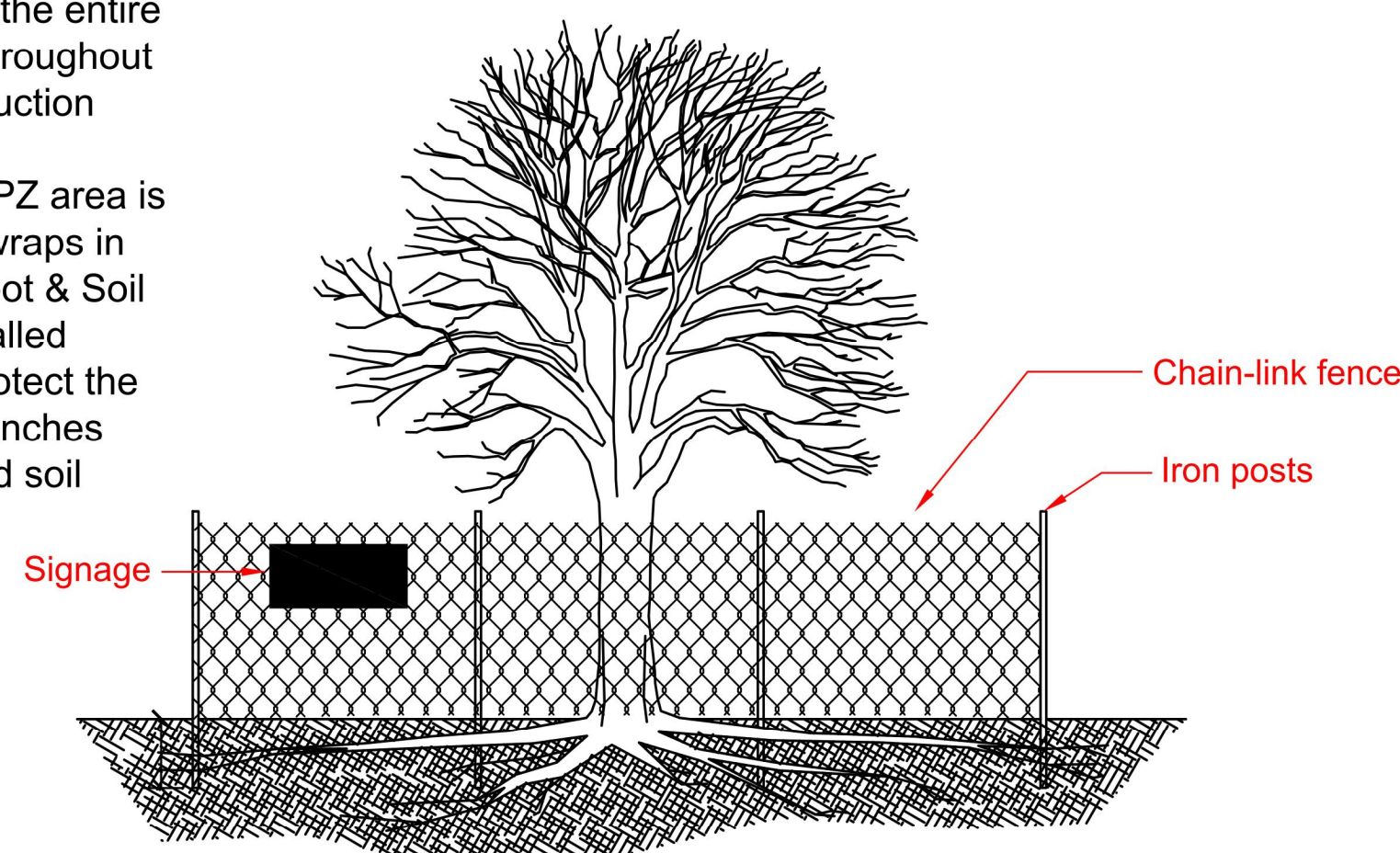
In the City of San Mateo per Chapter 13.40 of the Municipal Code, the following trees are considered protected:

- Heritage Trees
  - Oak trees with a trunk diameter of 10 inches or more
  - Any other tree species with a trunk diameter of 15 inches or more.
- Street Trees
  - All trees growing within the public right of way.
- Existing Trees/Major Vegetation
  - Trees with a trunk diameter of 6 inches or more designated as protected as part of a Planning Application subject to Chapter 27.71.

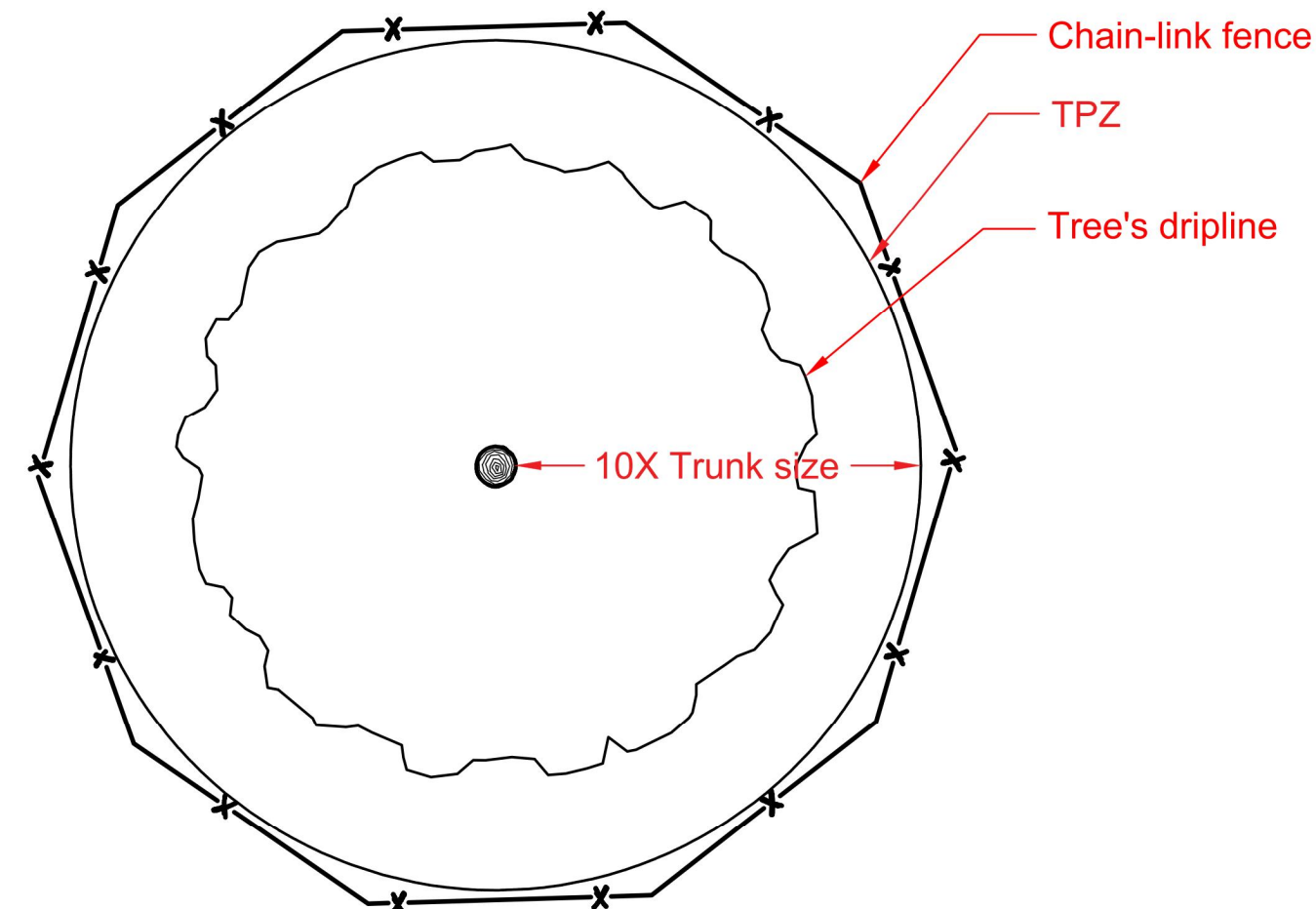
Tree Protection Zone (TPZ) is the area surrounding a tree with a radius equal to 10 times the diameter of the trunk measured at 54" above grade or as otherwise specified by a Project Arborist and approved by the City Arborist. Construction activities as defined by the Code are not allowed within the TPZ. It is unlawful for any person to cause damage to a Protected Tree compromising its health or structural integrity according to accepted industry standards, or to cause damage that is severely detrimental to its overall aesthetics. Any violations may result in penalties described in SMMC 13.40.160."

4 TYPE I COMPLETE FENCING  
SECTION VIEW

The fence encloses the entire TPZ of the tree(s) throughout the life of the construction project. When fencing the TPZ area is not feasible, Trunk wraps in combination with Root & Soil buffers shall be installed within the TPZ to protect the trunk, roots, and branches from injury and avoid soil compaction.

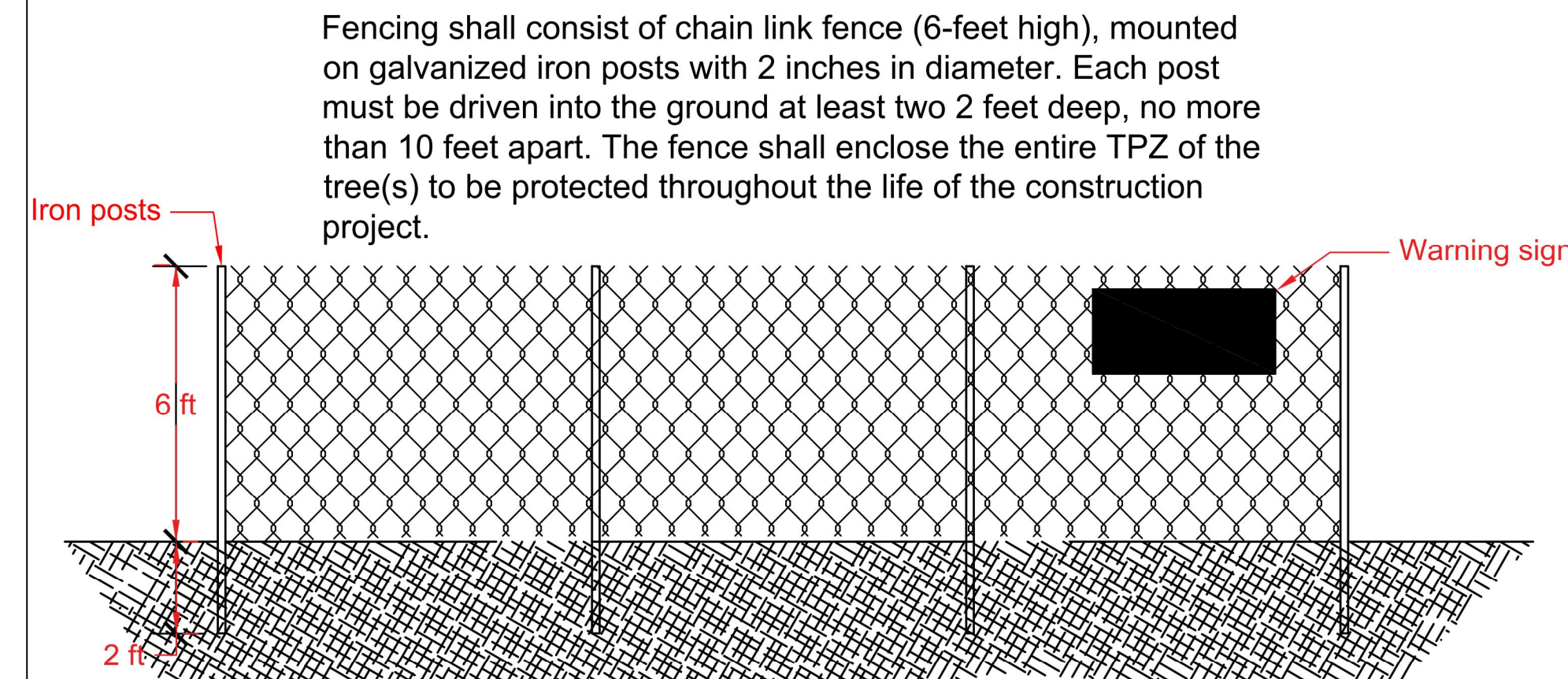


PLAN VIEW



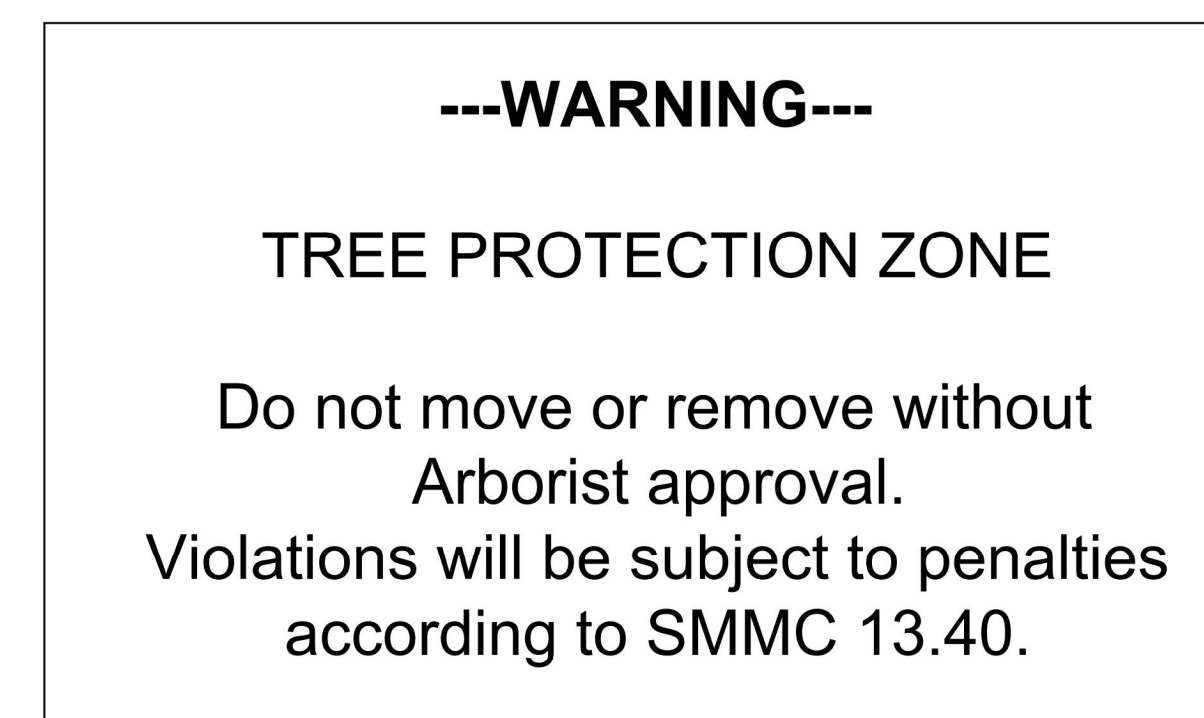
Fencing a group of trees at the TPZ radius of the largest tree is acceptable rather than fencing each tree in the group individually. Adjustments and/or repairs for protective fencing shall be performed in a timely manner to avoid damages to Protected trees.

2 TREE PROTECTION FENCING AND SIGN DETAILS  
SECTION VIEW



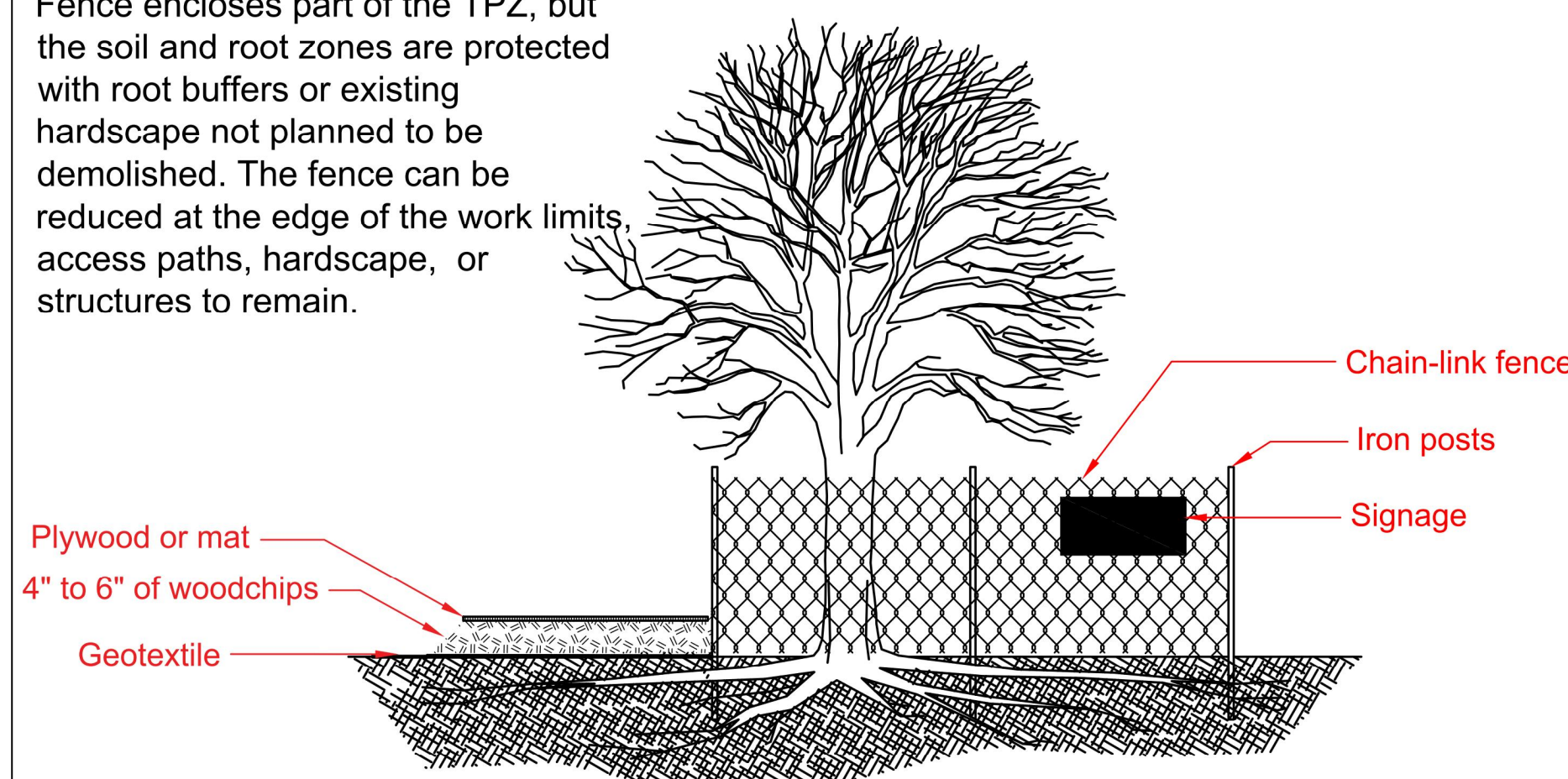
SIGNAGE

Warning signs shall be installed to be displayed on fencing and trunk wraps. Tree signs should be in English, Spanish or any other language if required.

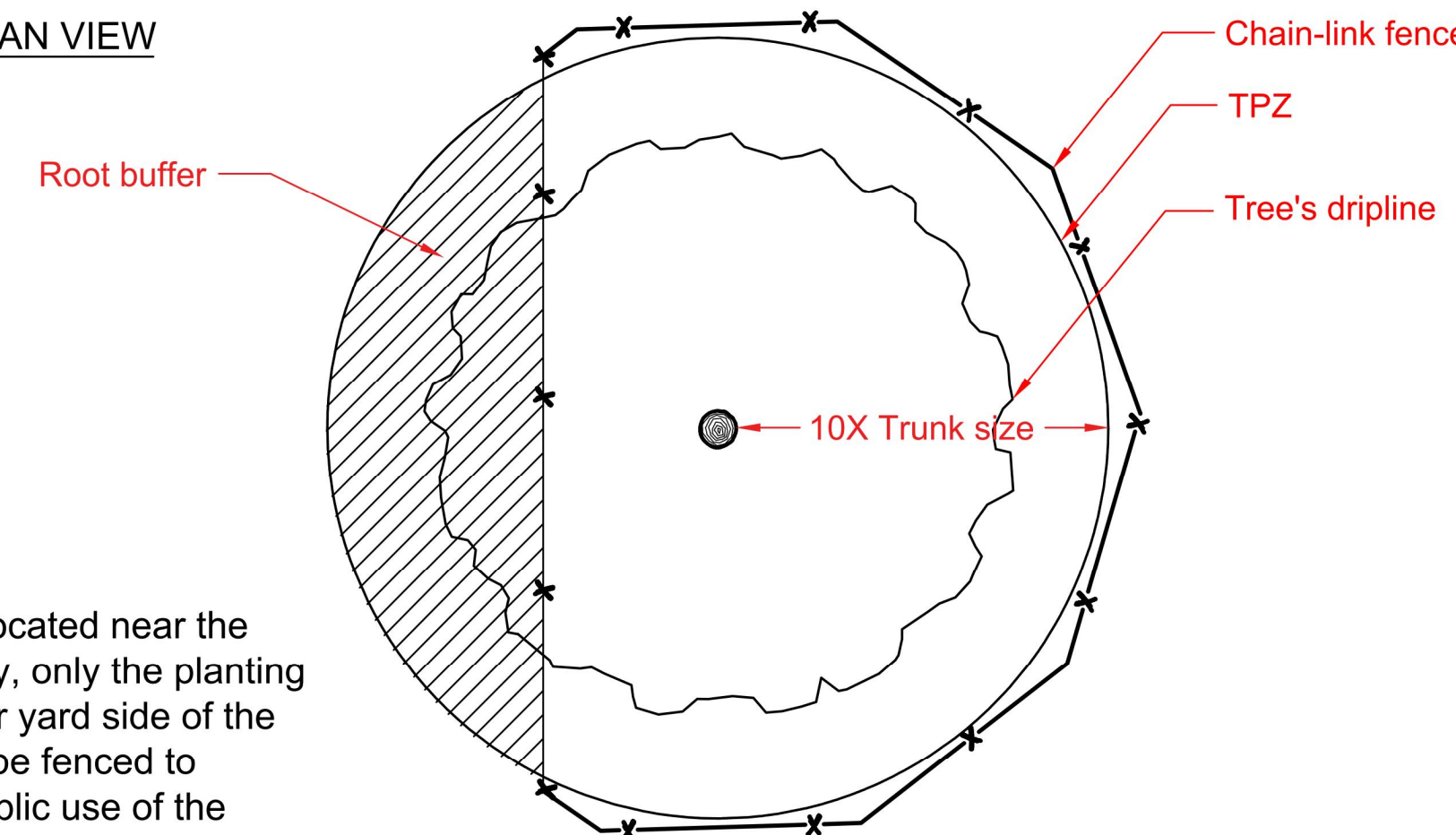


5 TYPE II REDUCED FENCING  
SECTION VIEW

Fence encloses part of the TPZ, but the soil and root zones are protected with root buffers or existing hardscape not planned to be demolished. The fence can be reduced at the edge of the work limits, access paths, hardscape, or structures to remain.



PLAN VIEW

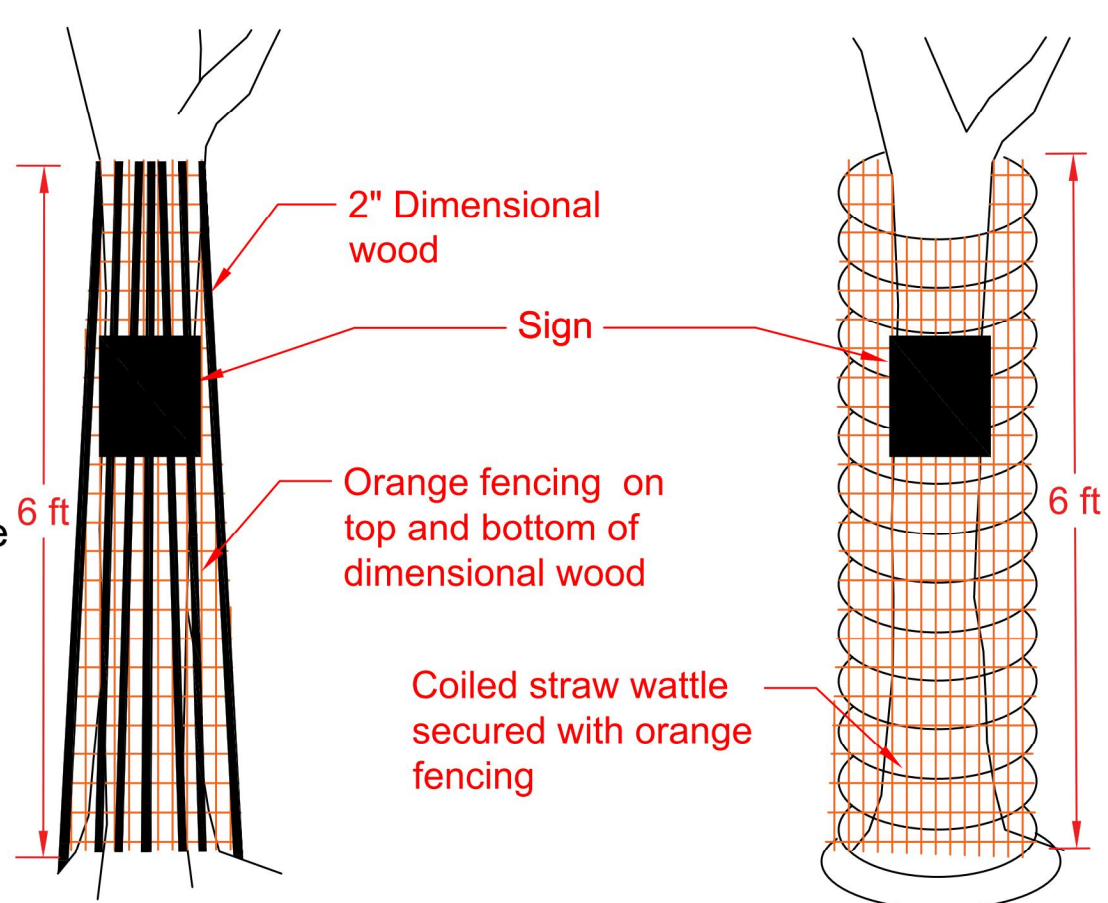


For trees located near the right of way, only the planting strip and/or yard side of the TPZ shall be fenced to provide public use of the street and sidewalk.

3 TRUNK AND ROOT PROTECTION DETAILS  
TRUNK WRAP

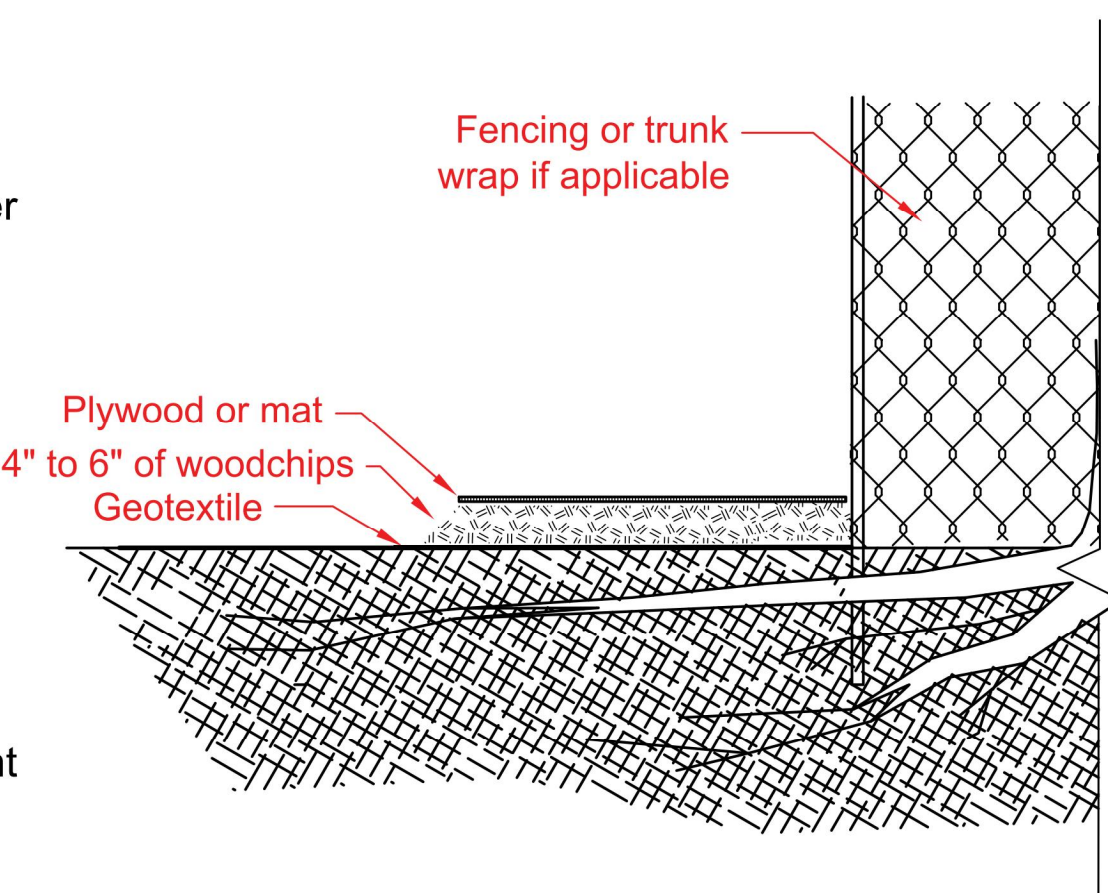
Wrap the trunk with orange plastic fencing for buffering (2" thick). Overlay orange plastic fencing with 2-inch thick wooden slats bound securely by two layers of additional orange fencing (slats shall not be allowed to dig in to the bark). During installation, use caution to avoid damaging any branches. Major limbs may also require wrapping.

Straw wattle can be used as an alternative material. For this purpose coil the straw wattle around the lowest 6' of the trunk and secure it with a double layer of orange fence or similar material.



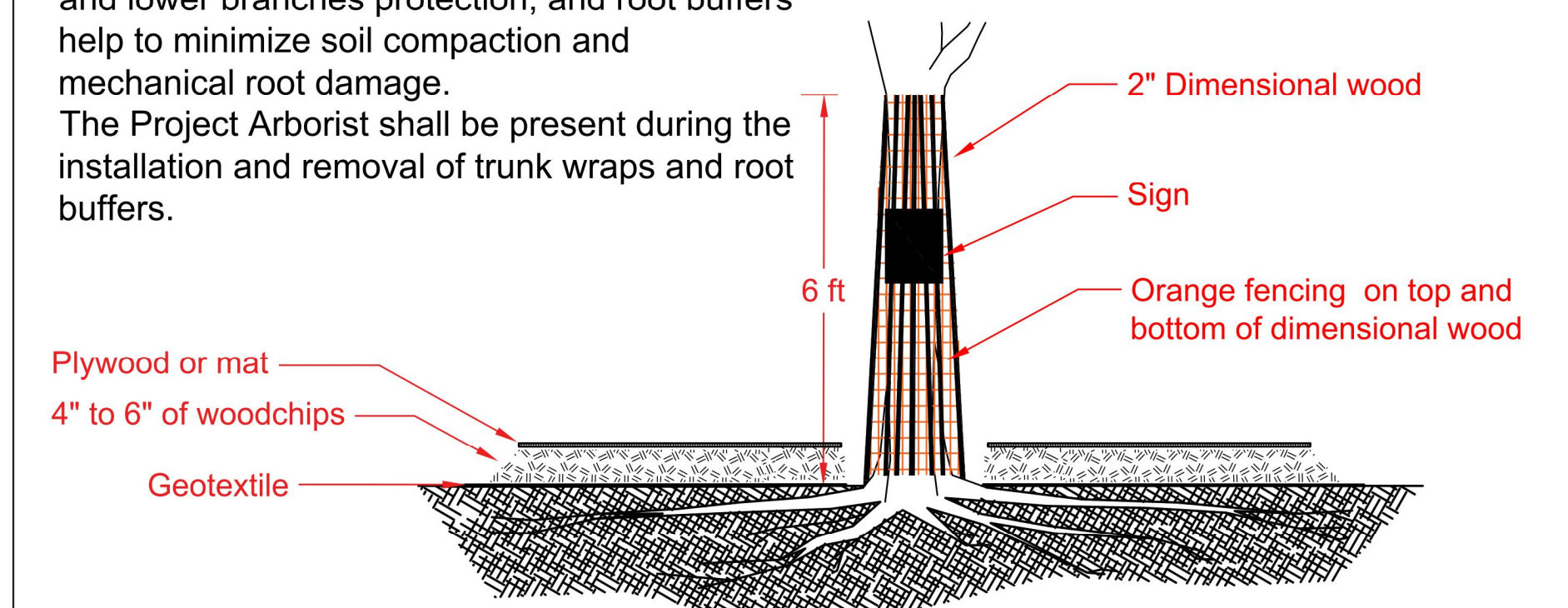
ROOT BUFFER

Root buffers consist of secured geotextile material covered with a layer 4" to 6" of clean wood chips and 3/4-inch plywood sheets securely installed over the wood chips. Do not use geotextile fabric if root buffers are to be left permanently. The Project Arborist shall be present during the installation and removal of root buffers. Any root buffer variation must be approved by the City Arborist in accordance with the Best Management Practices (BMPs).

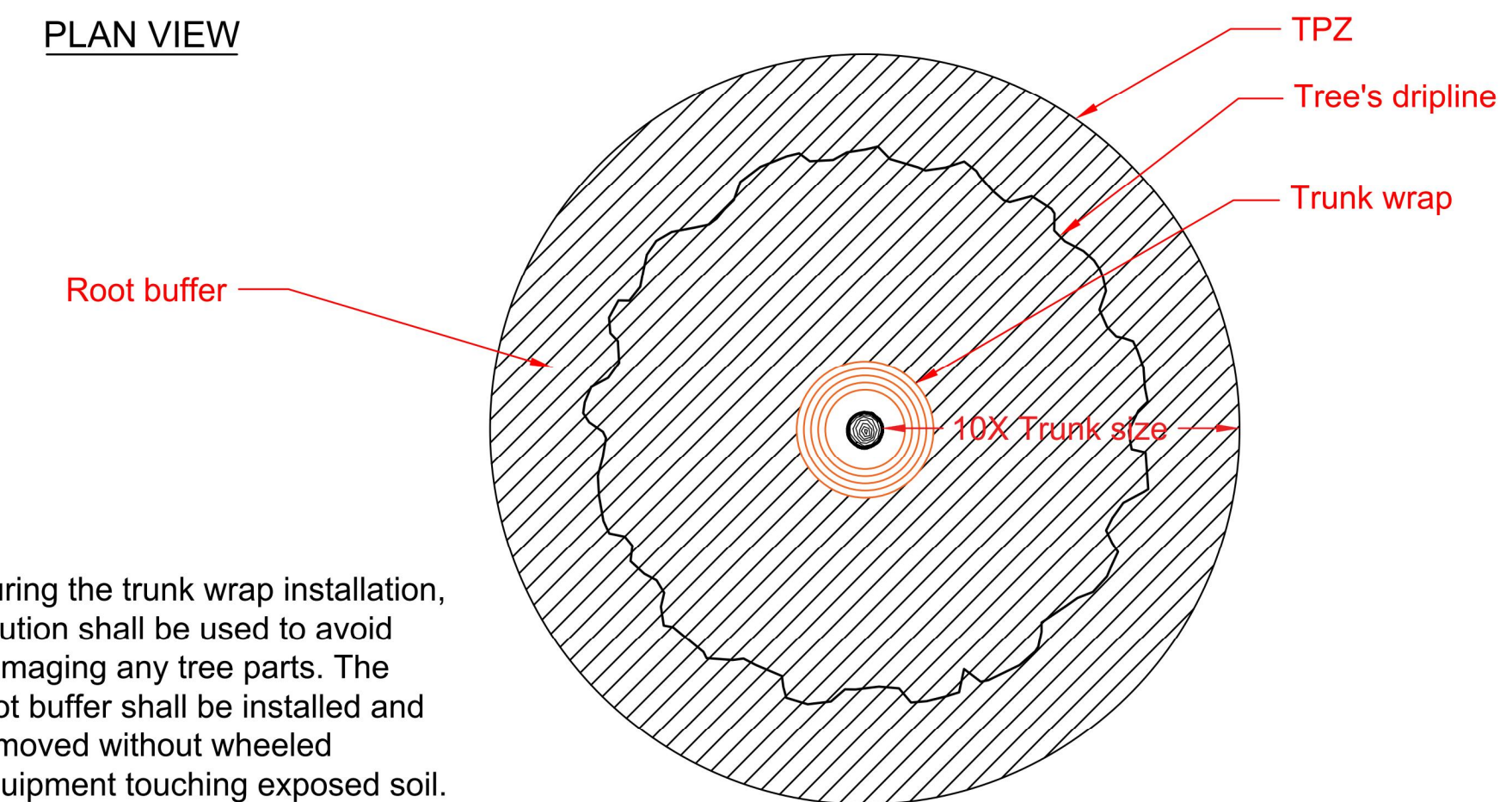


6 TYPE III TRUNK WRAP & ROOT BUFFER  
SECTION VIEW

To be used when construction activities cannot be kept outside of TPZ and/or installing fencing is not feasible. Trunk wraps account for trunk and lower branches protection, and root buffers help to minimize soil compaction and mechanical root damage. The Project Arborist shall be present during the installation and removal of trunk wraps and root buffers.

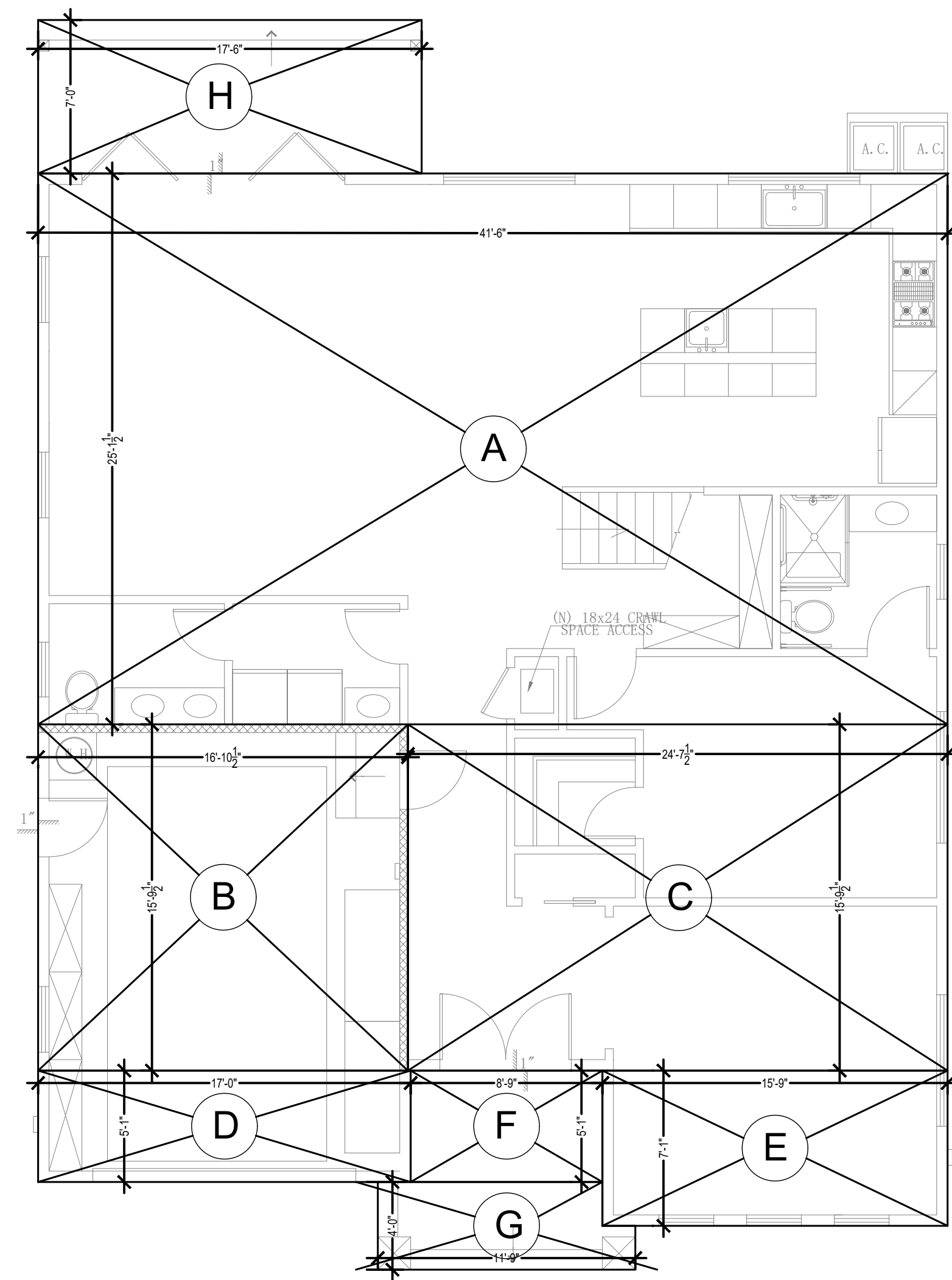


PLAN VIEW

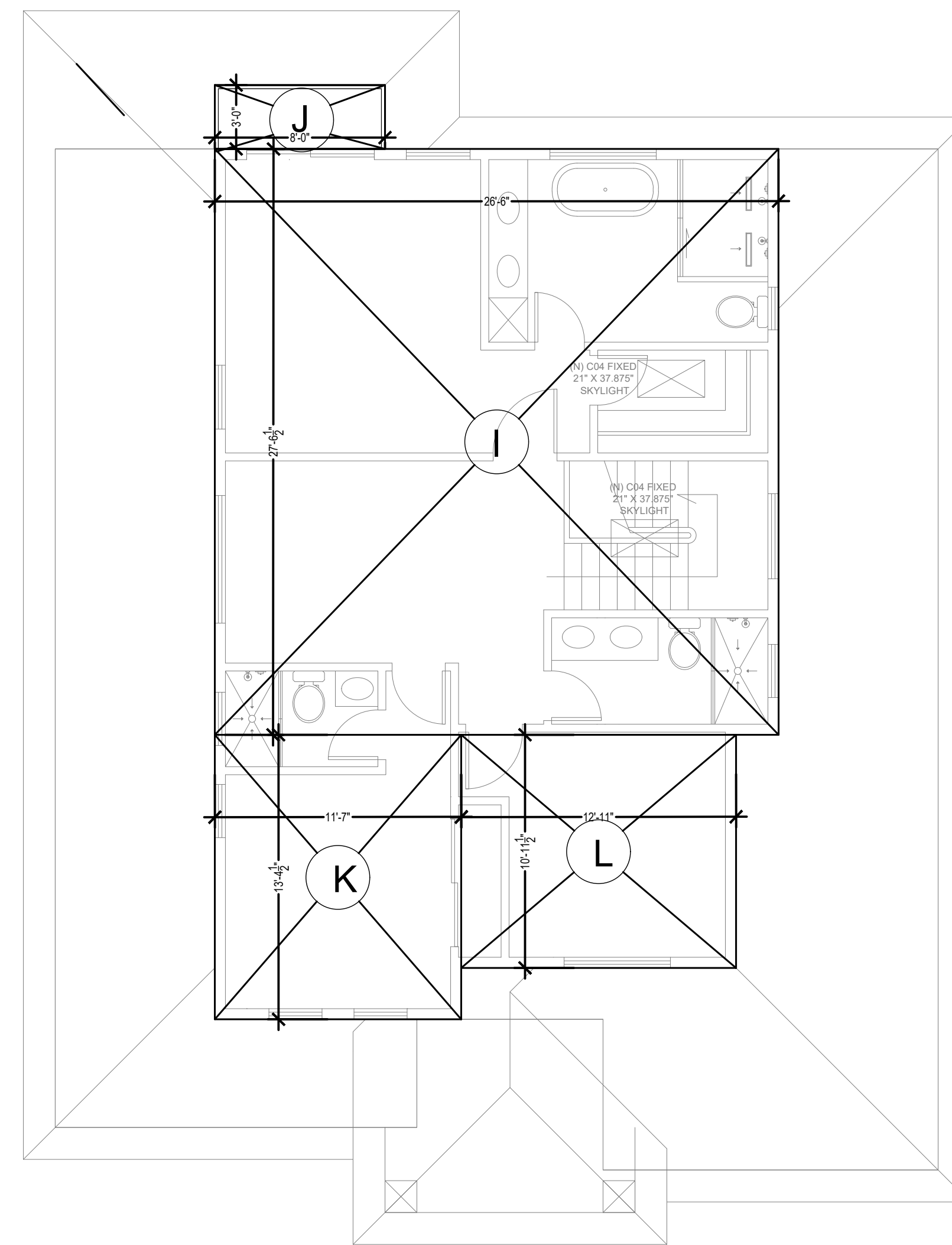


During the trunk wrap installation, caution shall be used to avoid damaging any tree parts. The root buffer shall be installed and removed without wheeled equipment touching exposed soil.





(P) GROUND FLOOR PLAN



(P) 2ND FLOOR PLAN

GROSS AREA CALCULATIONS				
FLOORS	SPACES	SIZE	AREAS (SQF)	TOTAL
1ST FLOOR	A	41'-6" X 25'-1½"	1,043	1,543
	C	24'-7½" X 15'-9½"	389	
	E	15'-9" X 7'-1"	111	
2ND FLOOR	I	27'-6½" X 26'-6"	730	1,026
	K	13'-4½" X 11'-7"	155	
	L	10'-11½" X 12'-11"	141	
GARAGE	B	16'-10½" X 15'-9½"	266	352
	D	17'-0" X 5'-1"	86	
PORCH	F	8'-9" X 5'-1"	44	88
	G	11'-9" X 4'-0"	44	
DECK	H	17'-6" X 7'-0"	123	123
ROOF DECK	J	3'-0" X 8'-0"	24	24
TOTAL BUILDING AREA			2,921	
LOT AREA			5,750	
FLOOR AREA RATIO (FAR)			2,921 / 5,750 = 0.51	
ALLOWABLE BUILDING AREA(FAR): 5,750 × 32% + 1,100 = 2,940 = 0.51				

(P) FLOOR AREA DIAGRAM

LOT COVERAGE	SPACES	SIZE	AREAS (SQF)	TOTAL
ROOF	A	41'-6" X 25'-1½"	1,043	2,106
	B	16'-10½" X 15'-9½"	266	
	C	24'-7½" X 15'-9½"	389	
	D	17'-0" X 5'-1"	86	
	E	15'-9" X 7'-1"	111	
	F	8'-9" X 5'-1"	44	
	G	11'-9" X 4'-0"	44	
	H	17'-6" X 7'-0"	123	
LOT COVERAGE AREA			2,106	
LOT AREA			5,750	
PERCENT LOT COVERAGE			2,106 / 5,750 X100% = 37%	

REVISION

BY

J & S CONSULTANT INC

131 Sequoia Ave,  
Redwood City, CA 94061  
Telephone: (415) 810-0188  
E-mail: jamesli161@yahoo.com

NEW HOUSE

229 Bancroft Rd,  
Burlingame, CA 94010  
APN: 029263060

FLOOR AREA DIAGRAM

Owner:

HONGZHI LIANG  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com

REGISTERED PROFESSIONAL ENGINEER

QING

LIANG

NO. 013127

EXP. DEC. 31, 2025

CIVIL

STATE OF CALIFORNIA

Date

01-10-2025

Scale

1/4"=1'-0"

Drawn

ZHONGLV Y.

Job

Sheet

A-1.7

Of

Sheets

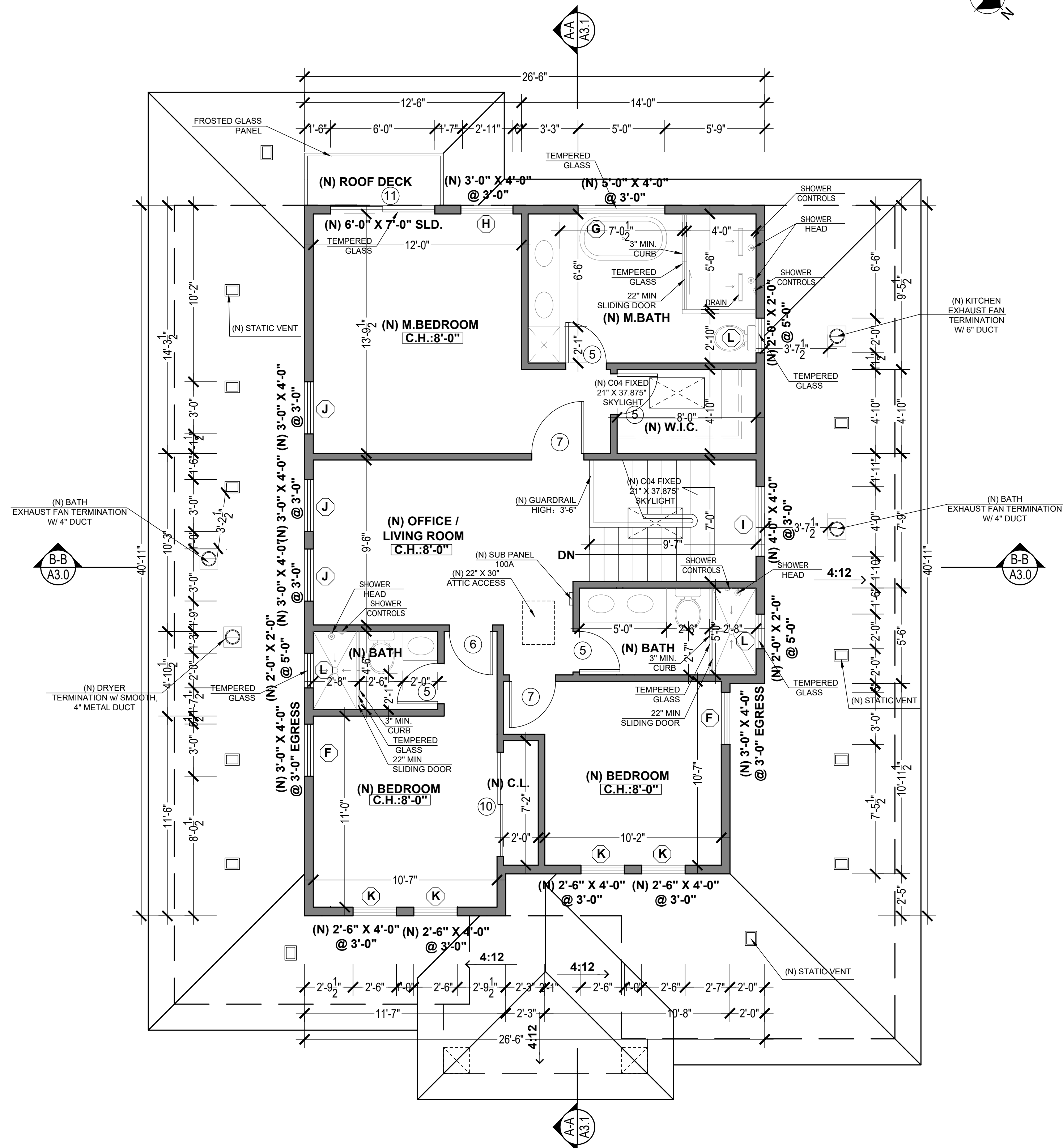
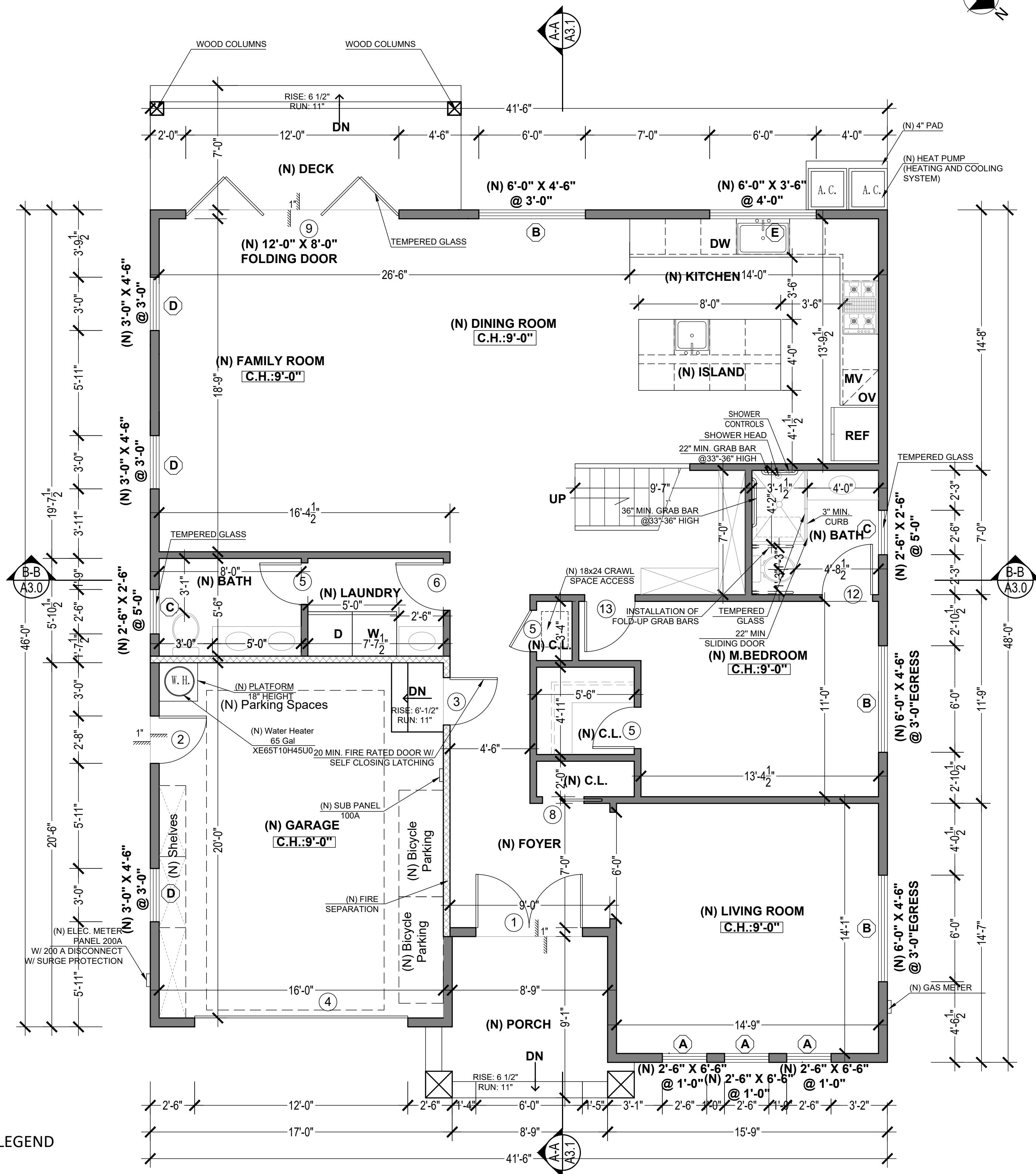


FLOOR PLAN LEGEND

- EXISTING WALL
- EXISTING WALL TO BE DEMOLISHED
- NEW WALL:  
2x4 OR 2x6 (PLUMBING WALL) WOOD STUDS @16" O.C. W/ 5/8" THK.  
TYPE X. GYP BD. ON BOTH SIDE. USE W/R GREEN GYP. BD. @ WET WALLS
- 1-HR FIRE RATED WALL:  
5/8" THK. TYPE X. GYP BD. ON BOTH SIDE.
- EXISTING OR NEW DOOR
- DOOR TAG  
SEE DOOR SCHEDULE FOR ADDITIONAL INFORMATION

(P) GROUND FLOOR PLAN

SCALE: 1/4"=1'-0"



(P) 2nd FLOOR PLAN

SCALE: 1/4"=1'-0"

ATTIC VENTILATION REQUIRED

VENT AREA REQ'D = 952 ft<sup>2</sup> / 150 = 6.3 ft<sup>2</sup> x 144 = 907.2 in<sup>2</sup>

TOP ROOF STATIC VENT  
NFVA = 80 IN<sup>2</sup>  
QTY = 12 VENTS  
VENT AREA PROVIDED = 12 X 80 IN<sup>2</sup> = 960 IN<sup>2</sup>

TOTAL VENT AREA PROVIDED  
960 in<sup>2</sup> > 907.2 in<sup>2</sup>

REVISION BY

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Redwood City, CA 94061  
Telephone: (415) 810-0188  
E-mail: jamesli161@yahoo.com

NEW HOUSE  
229 Bancroft Rd,  
Burlingame, CA 94010  
APN: 029263060

Owner:  
HONGZHI LIANG  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com



Date 01-10-2025  
Scale 1/4"=1'-0"  
Drawn ZHONGLV Y.  
Job  
Sheet

A-2.0  
Of Sheets





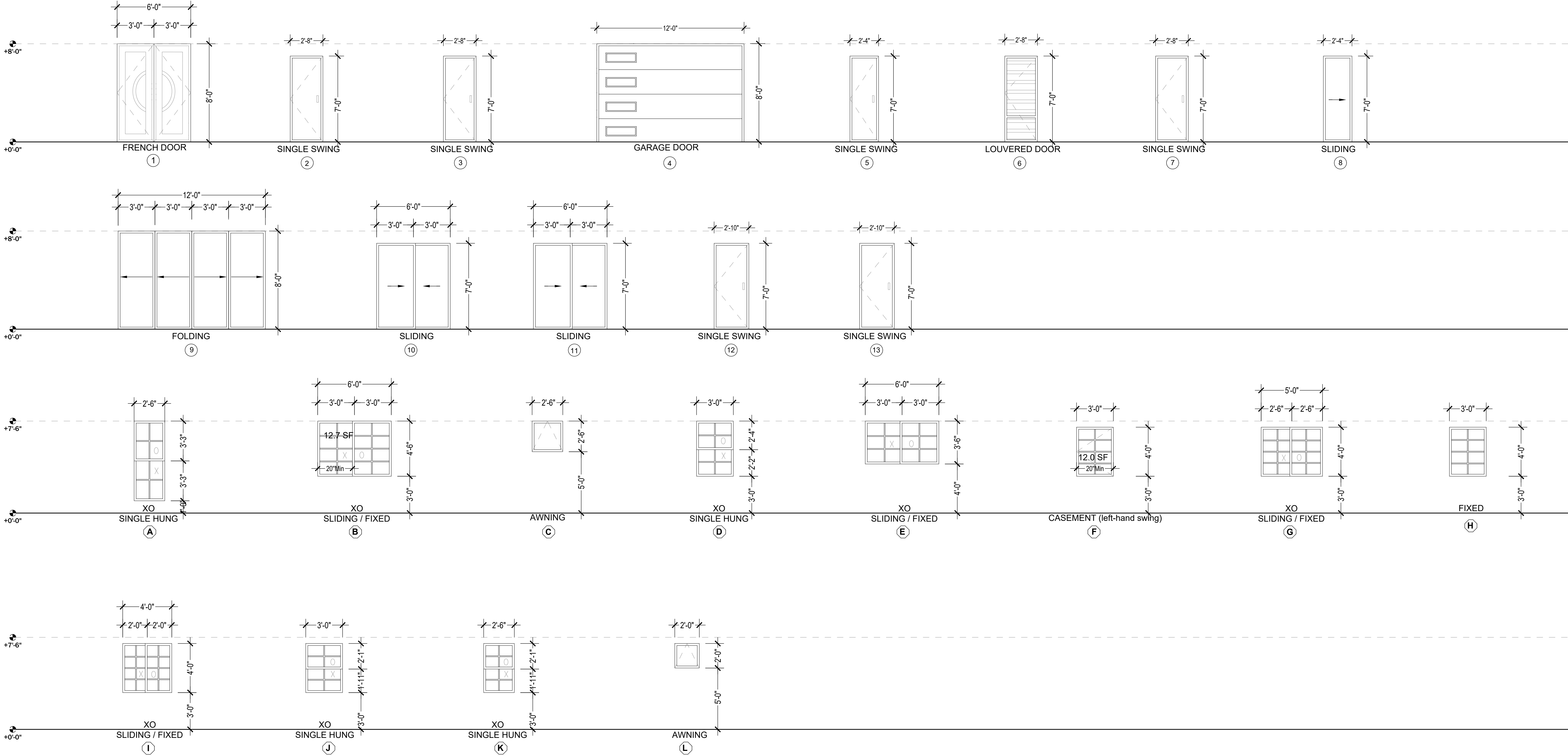


WINDOW SCHEDULE						
WINDOW NUMBER	LOCATION	WIDTH	HEIGHT	TYPE	U-FACTOR	NOTES
A	(N) LIVING ROOM	2' - 6"	6' - 6"	SINGLE HUNG	0.30 max.	TEMPERED GLASS
B	(N) BEDROOM	6' - 0"	4' - 6"	SLIDING	0.30 max.	
C	(N) BATH	2' - 6"	2' - 6"	AWNING	0.30 max.	TEMPERED GLASS
D	(N) FAMILY ROOM	3' - 0"	4' - 6"	SINGLE HUNG	0.30 max.	
E	(N) KITCHEN	6' - 0"	3' - 6"	SLIDING	0.30 max.	
F	(N) BEDROOM	3' - 0"	4' - 0"	CASEMENT	0.30 max.	
G	(N) M.BATH	5' - 0"	4' - 0"	SLIDING	0.30 max.	TEMPERED GLASS
H	(N) M.BEDROOM	3' - 0"	4' - 0"	FIXED	0.30 max.	
I	(N) LIVING ROOM	4' - 0"	4' - 0"	SLIDING	0.30 max.	
J	(N) M.BEDROOM	3' - 0"	4' - 0"	SINGLE HUNG	0.30 max.	
K	(N) BEDROOM	2' - 6"	4' - 0"	SINGLE HUNG	0.30 max.	TEMPERED GLASS
L	(N) BATH	2' - 0"	2' - 0"	AWNING	0.30 max.	TEMPERED GLASS

NOTE : COORDINATE ALL WINDOW TYPES WITH OWNER PRIOR TO ORDERING.

DOOR SCHEDULE					
IDENTIFICATION		WIDTH	HEIGHT	TYPE	NOTES
DOOR NUMBER	LOCATION				
1	(N) FOYER	6' - 0"	8' - 0"	FRENCH DOOR	EXTERIOR DOOR
2	(N) GARAGE	2' - 8"	7' - 0"	SINGLE SWING	EXTERIOR DOOR
3	(N) GARAGE	2' - 8"	7' - 0"	SINGLE SWING	20 MIN FIRE-RATED W/ SELF-CLOSING DEVICE
4	(N) GARAGE	12' - 0"	8' - 0"	GARAGE DOOR	STEEL PANEL INSULATED
5	(N) BATH & (N) CLOSET	2' - 4"	7' - 0"	SINGLE SWING	INTERIOR WOOD DOOR
6	(N) LAUNDRY	2' - 8"	7' - 0"	LOUVERED DOOR	INTERIOR WOOD DOOR
7	(N) BEDROOM	2' - 8"	7' - 0"	SINGLE SWING	INTERIOR WOOD DOOR
8	(N) CLOSET	2' - 4"	7' - 0"	SLIDING	INTERIOR WOOD DOOR
9	(N) DECK	12' - 0"	8' - 0"	FOLDING	EXTERIOR DOOR TEMPERED GLASS
10	(N) CLOSET	6' - 0"	7' - 0"	SLIDING	INTERIOR WOOD DOOR
11	(N) ROOF DECK	6' - 0"	7' - 0"	SLIDING	EXTERIOR DOOR TEMPERED GLASS
12	(N) BATH	2' - 10"	7' - 0"	SINGLE SWING	INTERIOR WOOD DOOR
13	(N) BEDROOM	2' - 10"	7' - 0"	SINGLE SWING	INTERIOR WOOD DOOR

NOTE : COORDIANTE ALL DOOR TYPES WITH OWNER PRIOR TO ORDERING.




REVISION	BY

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NEW HOUSE  
229 Bancroft Rd,  
Burlingame, CA 94010  
APN: 029263060

WINDOW SCHEDULE  
WINDOW LEGEND

Owner:  
HONGZHI LIANG  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com



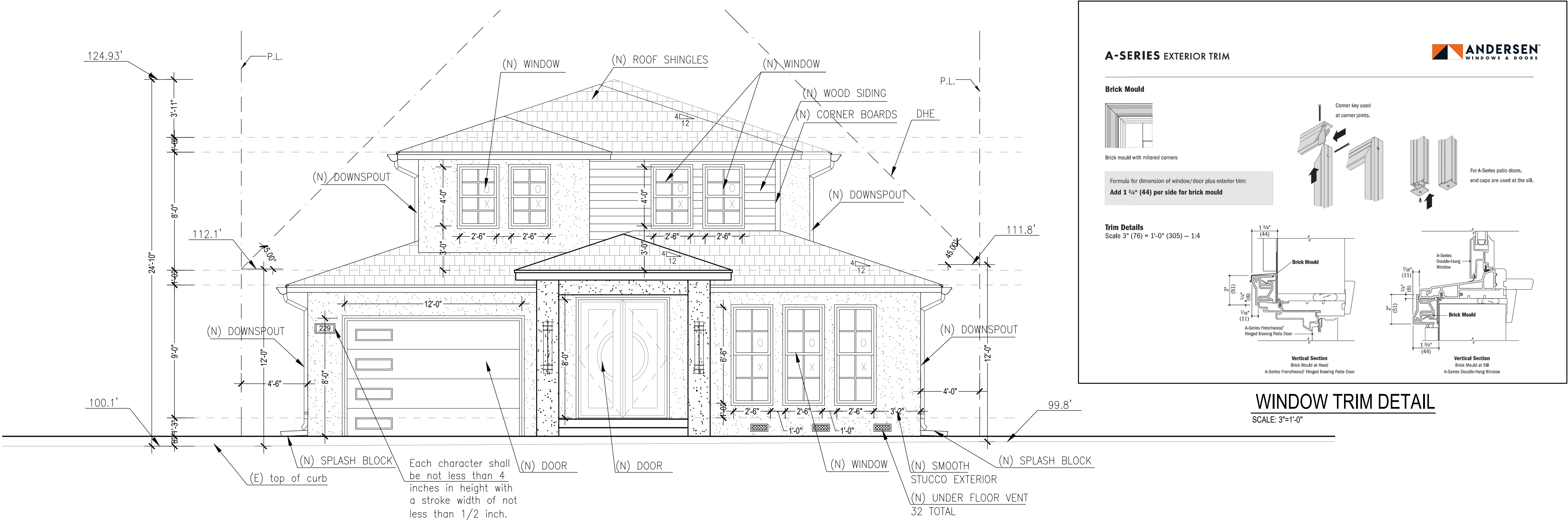
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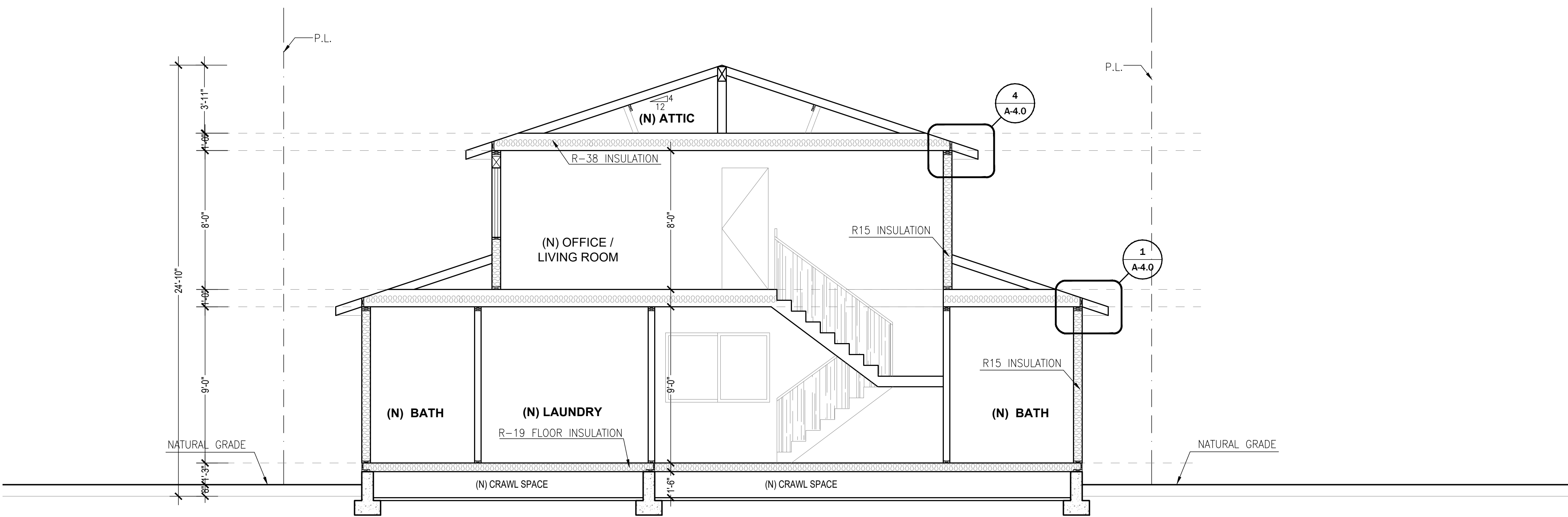
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MATERIAL SCHEDULE		
#	ITEM	DESCRIPTION
1	FLAT TILE ROOF	CLASS A FIRE-RETARDANT ROOF COVERING COLOR: AS PHOTO SHOWN, CHARCOAL
2	WALL - STUCCO SMOOTH ACRYLIC FINISH	STUCCO PAINT EXTERIOR FINISH 3 COATS, 7/8" MIN. THICK, CRC R703.7.2, AND CBC 2513.4 TWO LAYERS OF GRADE D PAPER UNDER CEMENT PLASTER COVERING WHERE OCCURS OVER PLYWOOD SHEATHING, CRC R703.7.3 COLOR: #415 COCONUT
3	DOWNSPOUT & GUTTER	PAINTED STEEL COLOR: DARK GRAY
4	WINDOW	ANDERSON WINDOW: A SERIES BLACK WINDOW, LOW-E ARGON GLASS, FIBERGLASS FRAME
5	ENTRANCE DOOR	FROM ALUGUARD, J85 ALUMINUM ENTRANCE DOOR COLOR: GREY TRIMLESS
6	GARAGE DOOR	MODERN STEEL 16 FT. X 7 FT. 18.4 R-VALUE INSULATED WOOD LOOK PLANK NATURAL GARAGE DOOR WITH SLIM WINDOWS
7	BALCONY	11.8 IN. X 11.8 IN. SQUARE WOOD PLASTIC COMPOSITE DECK TILES FLOOR
8	WOOD SIDING	0.438 IN. X 48 IN. X 96 IN. PRIMED HARDBOARD FACE 8 IN. OC T1-11 PLYWOOD SIDING PANEL



(P) NORTH ELEVATION  
SCALE: 1/4"=1'-0"



B-B SECTION  
SCALE: 1/4"=1'-0"

UNDER-FLOOR VENTILATION REQUIRED

NET FREE CROSS VENTILATION AREA =  $\frac{1}{135}$   
VENT AREA REQ'D =  $1,727 \text{ ft}^2 / 150 = 11.51 \text{ ft}^2 \times 144 = 1,657.44 \text{ in}^2$

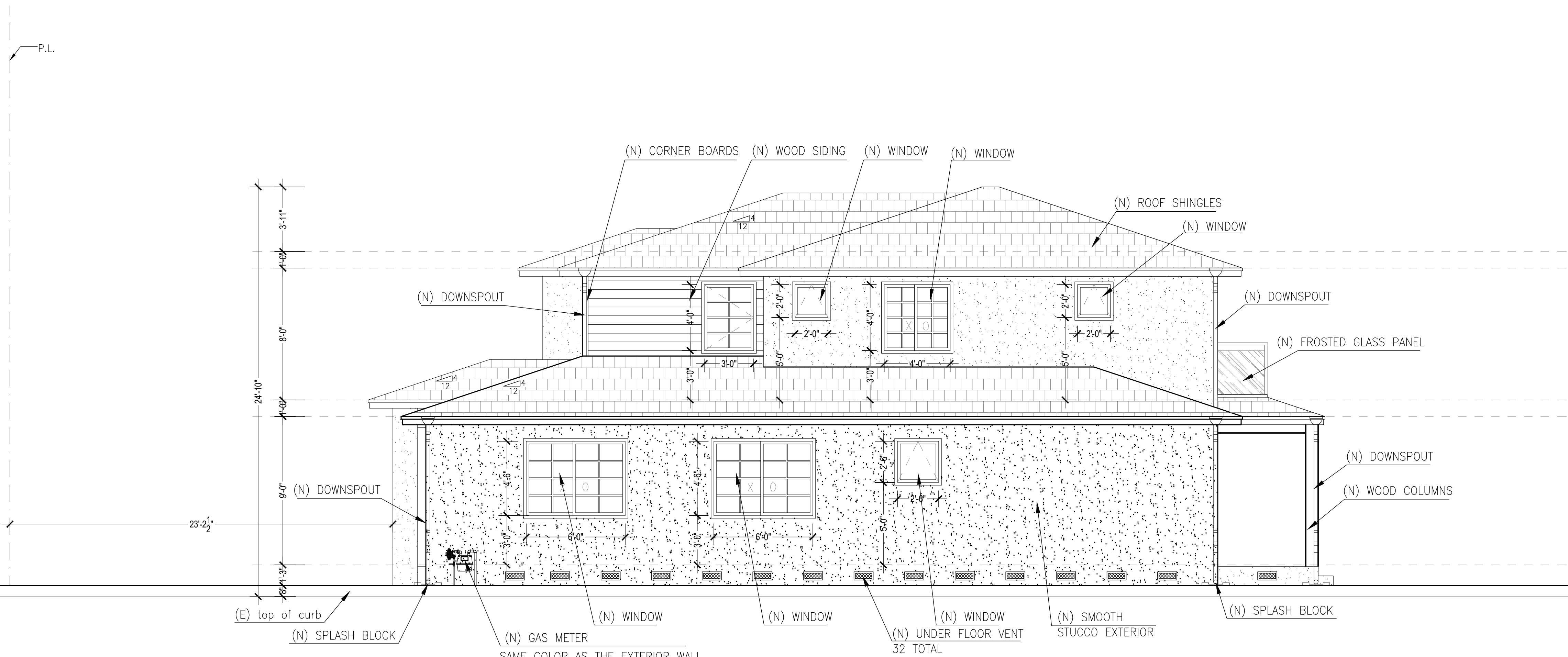
16 in. x 6 in. Galvanized Steel 2-Way Reversible Vent  
NFVA: 52 in<sup>2</sup>.  
QTY = 32 VENTS  
VENT AREA PROVIDED =  $32 \times 52 \text{ in}^2 = 1,664 \text{ in}^2$

TOTAL VENT AREA PROVIDED  
 $1,664 \text{ in}^2 \geq 1,657.44 \text{ in}^2$

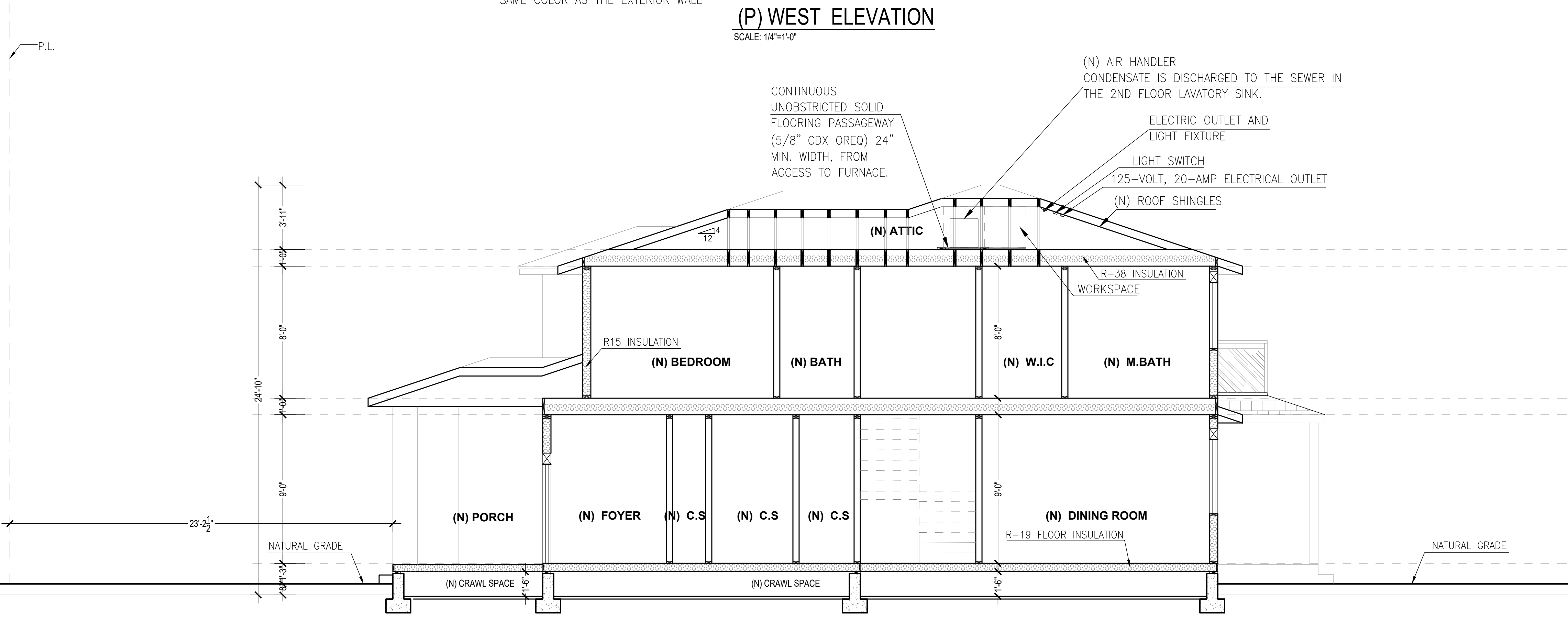
REVISION	BY
J & S CONSULTANT INC 131 Sequoia Ave, Redwood City, CA 94061 Telephone: (415) 810-0188 E-mail: jamesli1618@yahoo.com	
NEW HOUSE 229 Bancroft Rd, Burlingame, CA 94010 APN: 029263060	
(P) NORTH ELEVATION B-B SECTION	
Owner: HONGZHI LIANG Tel: 650-888-1083 EMAIL: lianghongzhi1388@gmail.com	
Date	01-10-2025
Scale	1/4"=1'-0"
Drawn	ZHONGLV Y.
Job	
Sheet	A-3.0
Of	Sheets



MATERIAL SCHEDULE		
#	ITEM	DESCRIPTION
1	FLAT TILE ROOF	CLASS A FIRE-RETARDANT ROOF COVERING COLOR: AS PHOTO SHOWN, CHARCOAL
2	WALL - STUCCO SMOOTH ACRYLIC FINISH	STUCCO PAINT EXTERIOR FINISH 3 COATS, 7/8" MIN. THICK, CRC R703.7.2, AND CBC 2513.4 TWO LAYERS OF GRADE D PAPER UNDER CEMENT PLASTER COVERING WHERE OCCURS OVER PLYWOOD SHEATHING, CRC R703.7.3 COLOR: #415 COCONUT
3	DOWNSPOUT & GUTTER	PAINTED STEEL COLOR: DARK GRAY
4	WINDOW	ANDERSON WINDOW: A SERIES BLACK WINDOW, LOW-E ARGON GLASS, FIBERGLASS FRAME
5	ENTRANCE DOOR	FROM ALUGUARD, J85 ALUMINUM ENTRANCE DOOR COLOR: GREY TRIMLESS
6	GARAGE DOOR	MODERN STEEL 16 FT. X 7 FT. 18.4 R-VALUE INSULATED WOOD LOOK PLANK NATURAL GARAGE DOOR WITH SLIM WINDOWS
7	BALCONY	11.8 IN. X 11.8 IN. SQUARE WOOD PLASTIC COMPOSITE DECK TILES FLOOR
8	WOOD SIDING	0.438 IN. X 48 IN. X 96 IN. PRIMED HARDBOARD FACE 8 IN. OC T1-11 PLYWOOD SIDING PANEL



(P) WEST ELEVATION  
SCALE: 1/4"=1'-0"

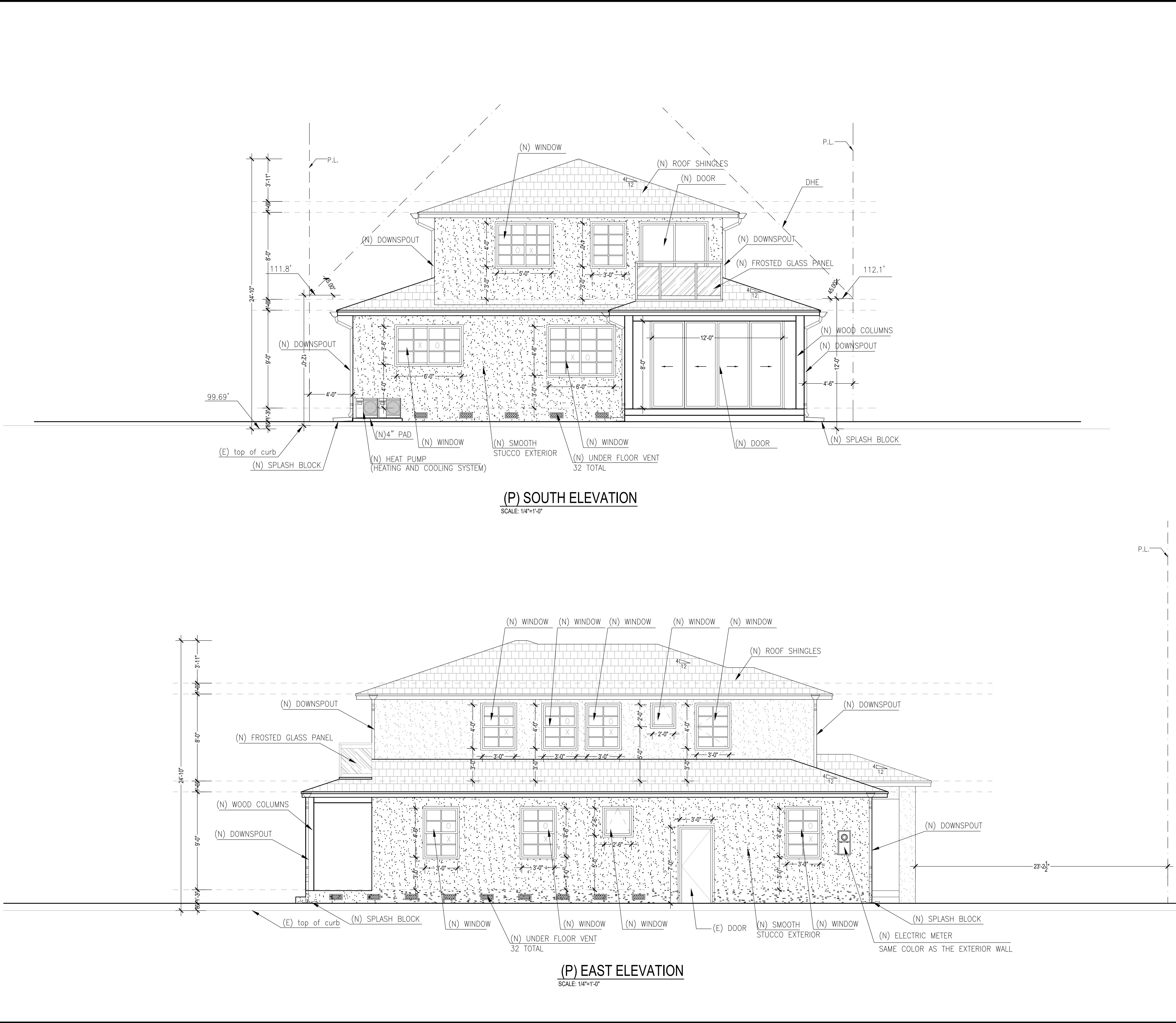


A-A SECTION  
SCALE: 1/4"=1'-0"

REVISION	BY
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NEW HOUSE 229 Bancroft Rd, Burlingame, CA 94010 APN: 029263060	
(P) WEST ELEVATION A-A SECTION	
Owner: HONGZHI LIANG Tel: 650-888-1083 EMAIL: lianghongzhi1388@gmail.com	
Date	01-10-2025
Scale	1/4"=1'-0"
Drawn	ZHONGLV Y.
Job	
Sheet	A-3.1
Of	Sheets

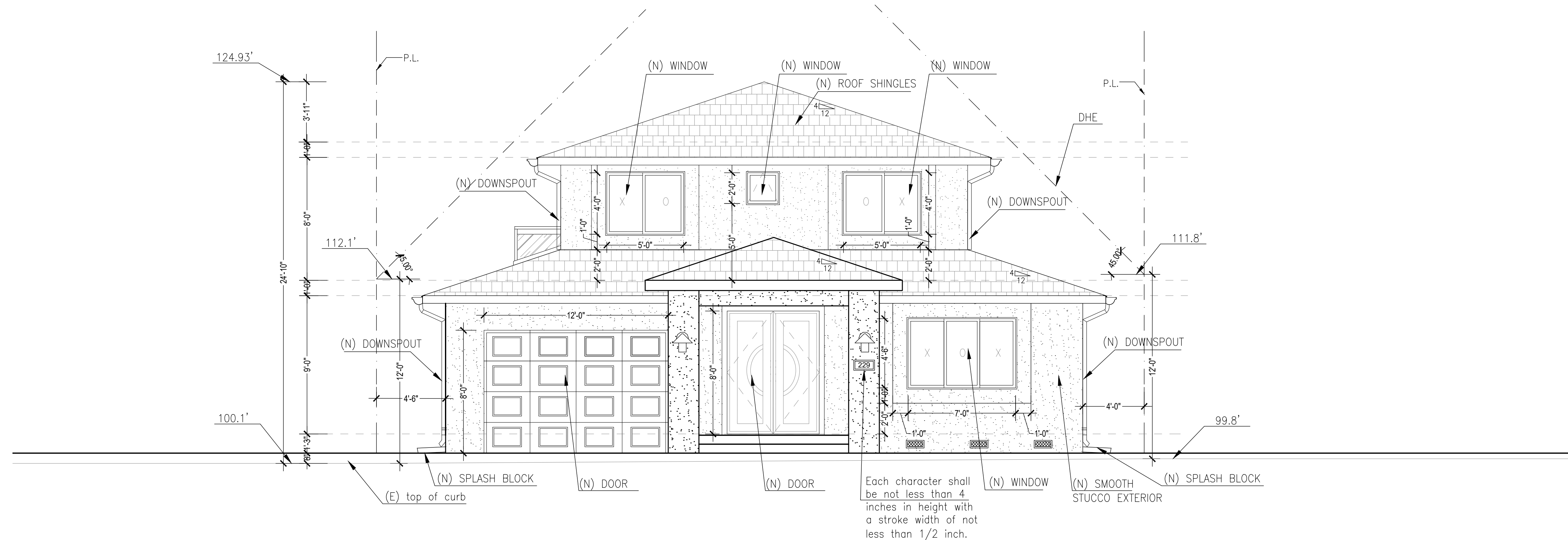


MATERIAL SCHEDULE		
#	ITEM	DESCRIPTION
1	FLAT TILE ROOF	CLASS A FIRE-RETARDANT ROOF COVERING COLOR: AS PHOTO SHOWN, CHARCOAL
2	WALL - STUCCO SMOOTH ACRYLIC FINISH	STUCCO PAINT EXTERIOR FINISH 3 COATS, 7/8" MIN. THICK, CRC R703.7.2, AND CBC 2513.4 TWO LAYERS OF GRADE D PAPER UNDER CEMENT PLASTER COVERING WHERE OCCURS OVER PLYWOOD SHEATHING, CRC R703.7.3 COLOR: #415 COCONUT
3	DOWNSPOUT & GUTTER	PAINTED STEEL COLOR: DARK GRAY
4	WINDOW	ANDERSON WINDOW: A SERIES BLACK WINDOW, LOW-E ARGON GLASS, FIBERGLASS FRAME
5	ENTRANCE DOOR	FROM ALUGUARD, J85 ALUMINUM ENTRANCE DOOR COLOR: GREY TRIMLESS
6	GARAGE DOOR	MODERN STEEL 16 FT. X 7 FT. 18.4 R-VALUE INSULATED WOOD LOOK PLANK NATURAL GARAGE DOOR WITH SLIM WINDOWS
7	BALCONY	11.8 IN. X 11.8 IN. SQUARE WOOD PLASTIC COMPOSITE DECK TILES FLOOR
8	WOOD SIDING	0.438 IN. X 48 IN. X 96 IN. PRIMED HARDBOARD FACE 8 IN. OC T1-11 PLYWOOD SIDING PANEL



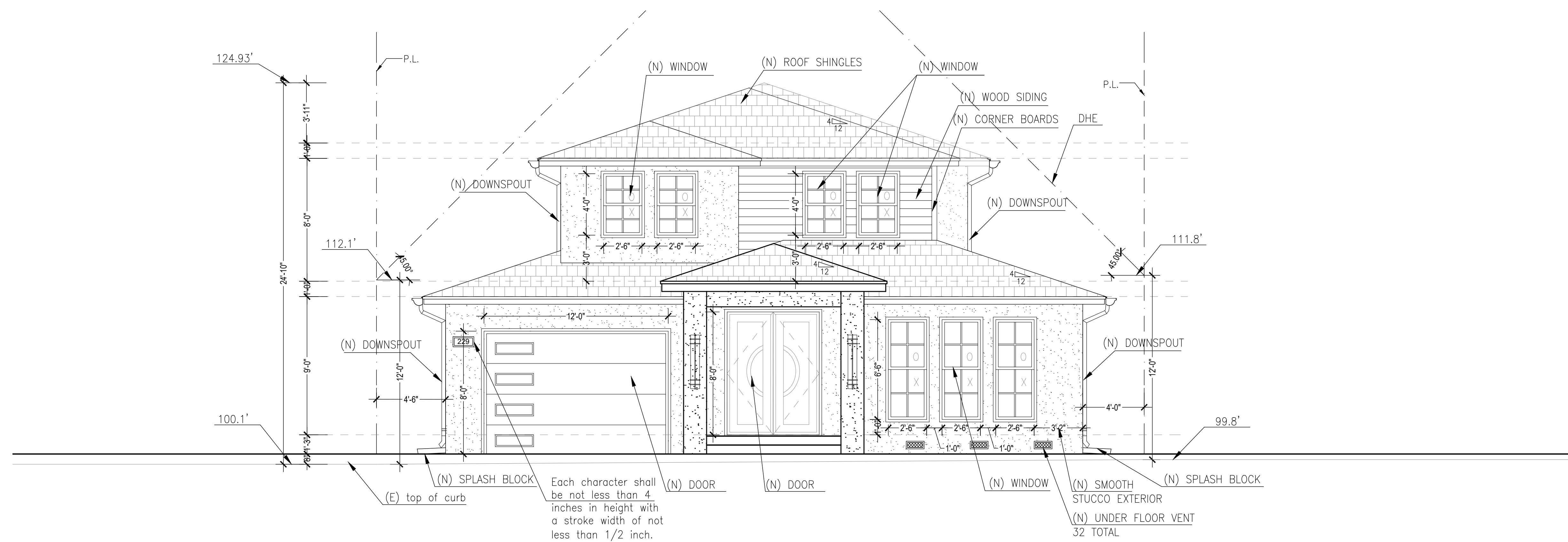
REVISION	BY
J & S CONSULTANT INC 131 Sequoia Ave, Redwood City, CA 94061 Telephone: (415) 810-0188 E-mail: jamesli161@yahoo.com	
NEW HOUSE 229 Bancroft Rd, Burlingame, CA 94010 APN: 029263060	
(P) SOUTH ELEVATION (P) EAST ELEVATION	
Owner: HONGZHI LIANG Tel: 650-888-1083 EMAIL: lianghongzhi1388@gmail.com	
Date	01-10-2025
Scale	1/4"=1'-0"
Drawn	ZHONGLV Y.
Job	
Sheet	A-3.2
Of	Sheets





### PREVIOUSLY PROPOSED NORTH ELEVATION

SCALE: 1/4"=1'-0"



### REVISED PROPOSED NORTH ELEVATION

SCALE: 1/4"=1'-0"

REVISION	BY

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NEW HOUSE  
229 Bancroft Rd,  
Burlingame, CA 94010  
APN: 029263060

PREVIOUSLY & REVISED  
PROPOSED NORTH ELEVATION

Owner:  
HONGZHI LIANG  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com

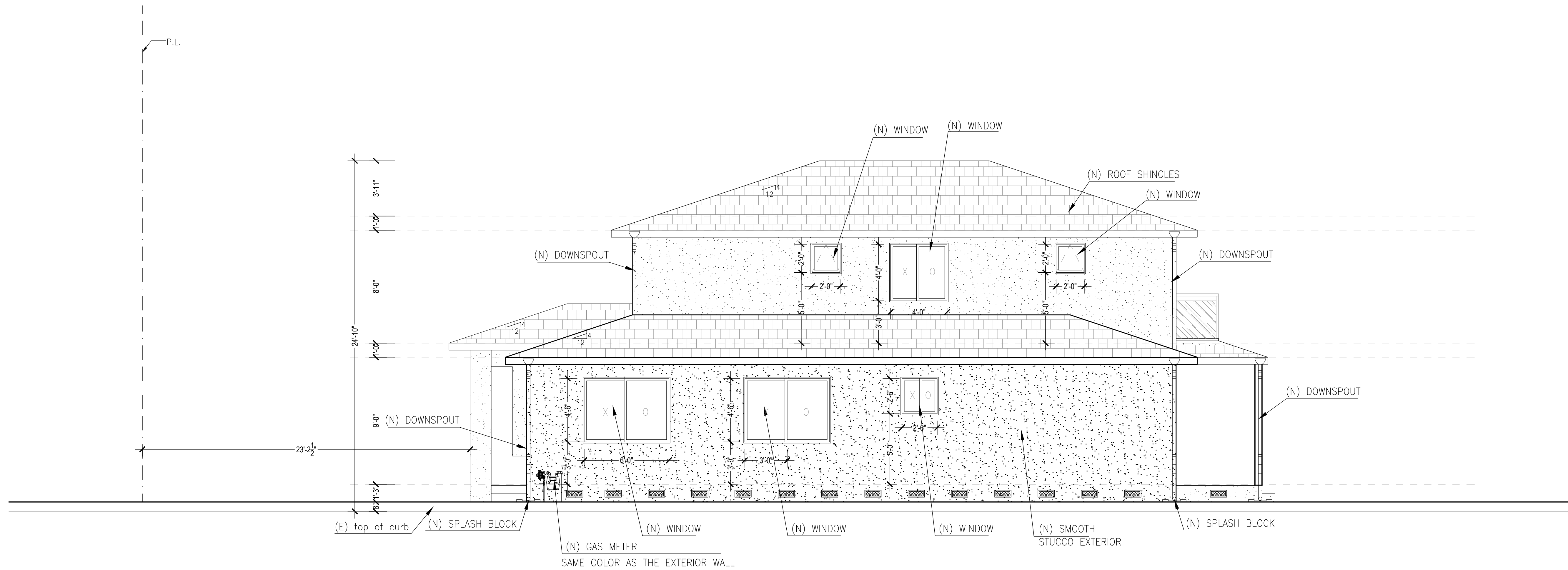


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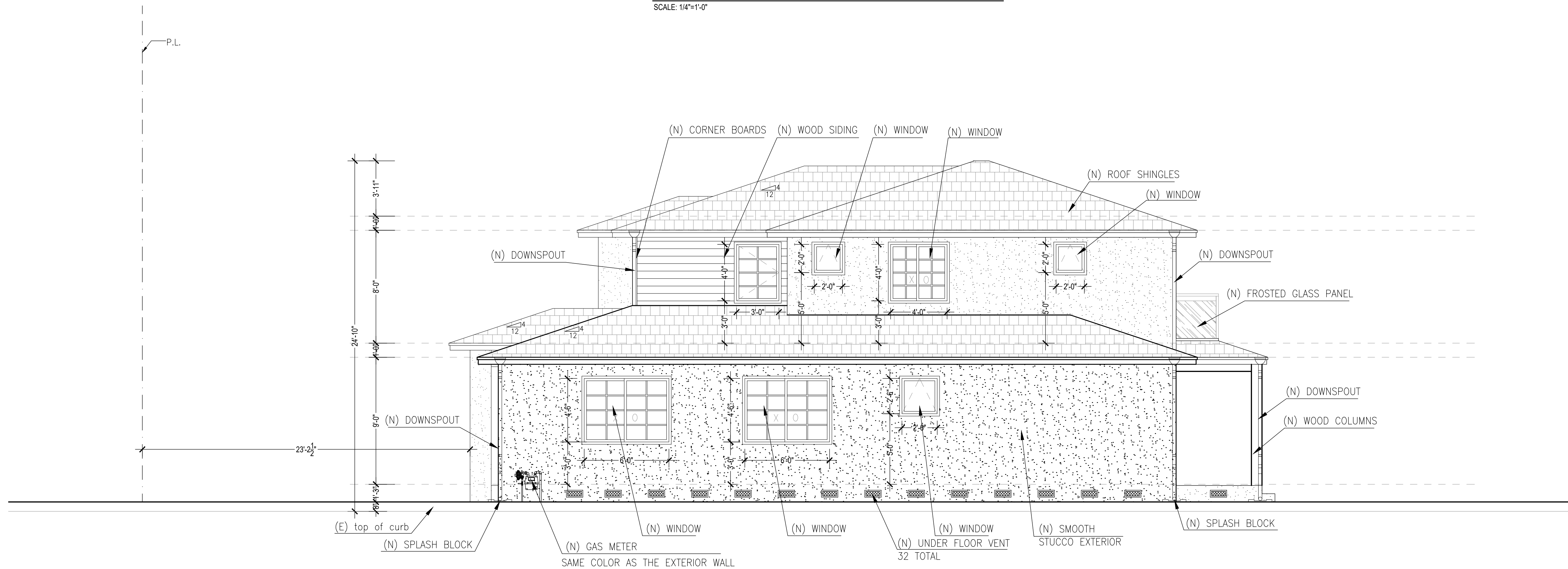
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### PREVIOUSLY PROPOSED WEST ELEVATION

SCALE: 1/4"=1'-0"



### REVISED PROPOSED WEST ELEVATION

SCALE: 1/4"=1'-0"

REVISION  
BY

NEW HOUSE  
229 Bancroft Rd,  
Burlingame, CA 94010  
APN: 029263060

PREVIOUSLY & REVISED  
PROPOSED WEST ELEVATION

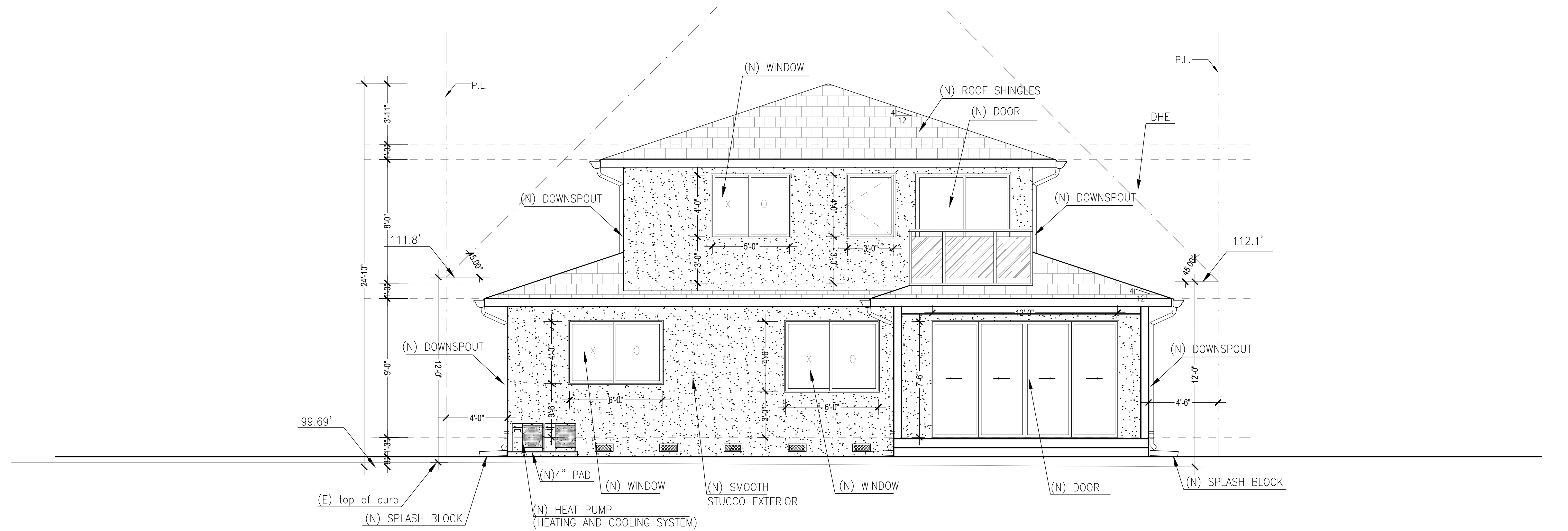
Owner:  
HONGZHI LIANG  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com



Date 01-10-2025  
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Drawn ZHONGLV Y.  
Job

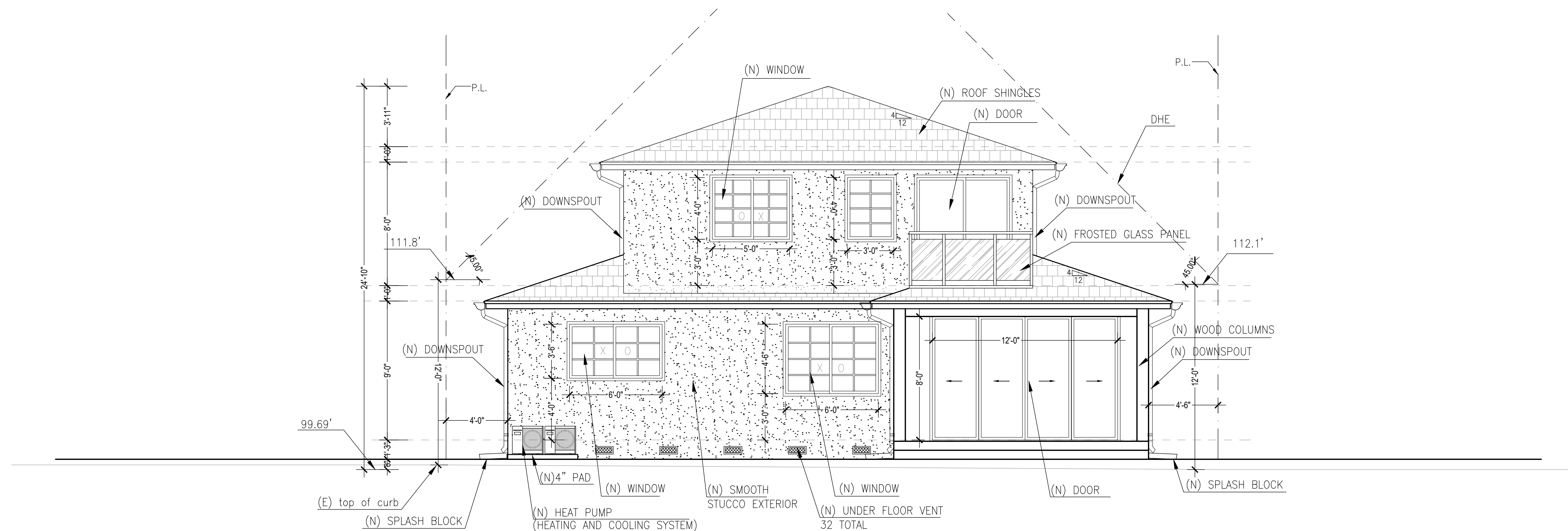
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Of Sheets





PREVIOUSLY PROPOSED SOUTH ELEVATION

SCALE: 1/4"=1'-0"



REVISED PROPOSED SOUTH ELEVATION

SCALE: 1/4"=1'-0"

REVISION	BY

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APN: 029263060

PREVIOUSLY & REVISED  
PROPOSED SOUTH ELEVATION

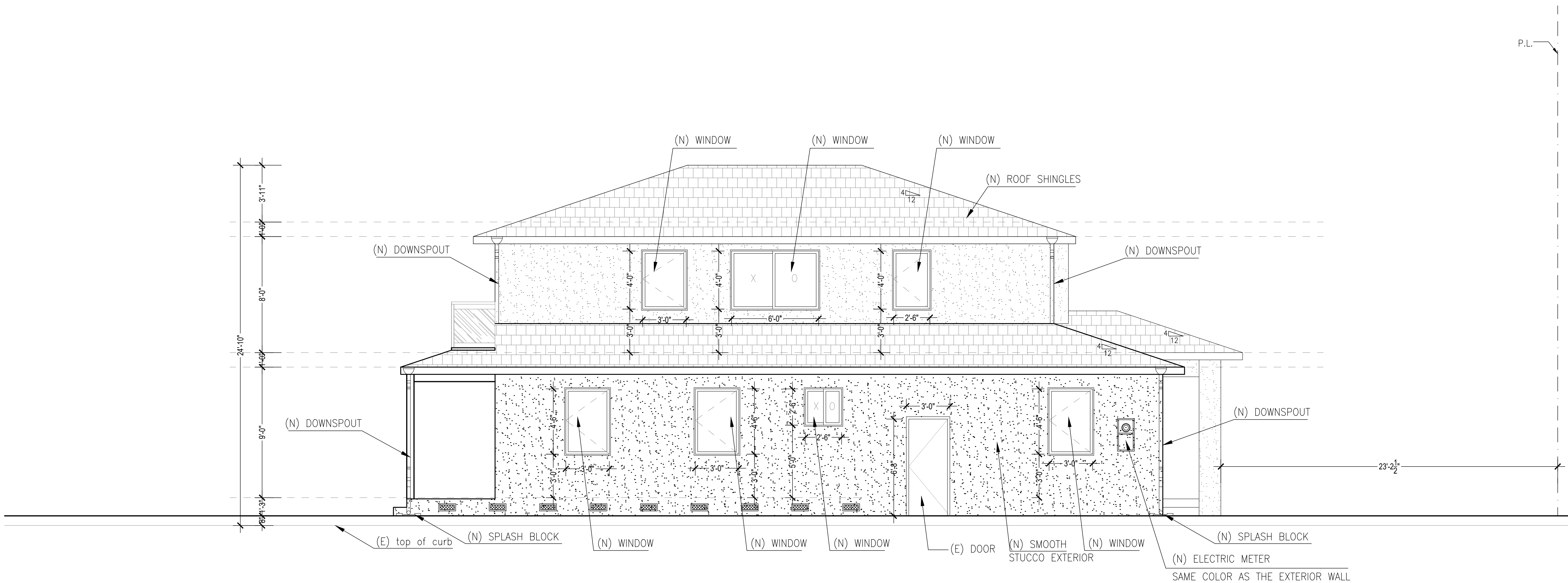
Owner:  
HONGZHI LIANG  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com



Date	01-10-2025
Scale	1/8"=1'-0"
Drawn	ZHONGLV Y.
Job	

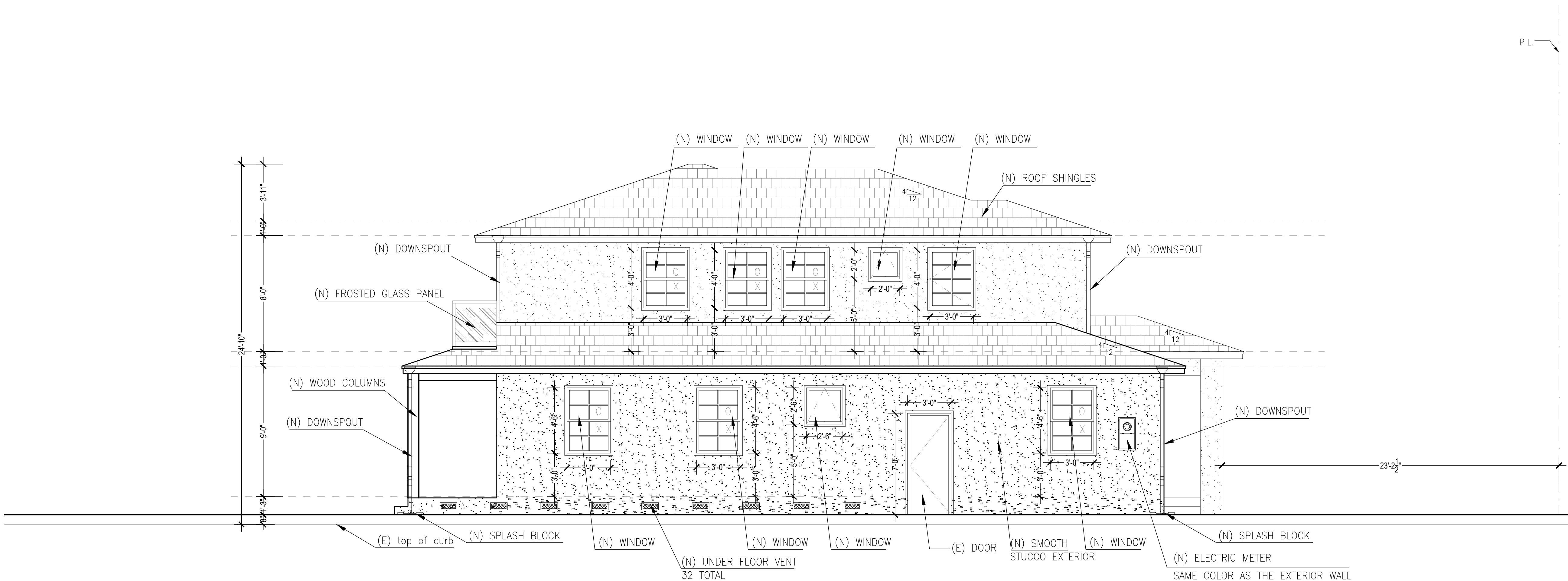
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PREVIOUSLY PROPOSED EAST ELEVATION

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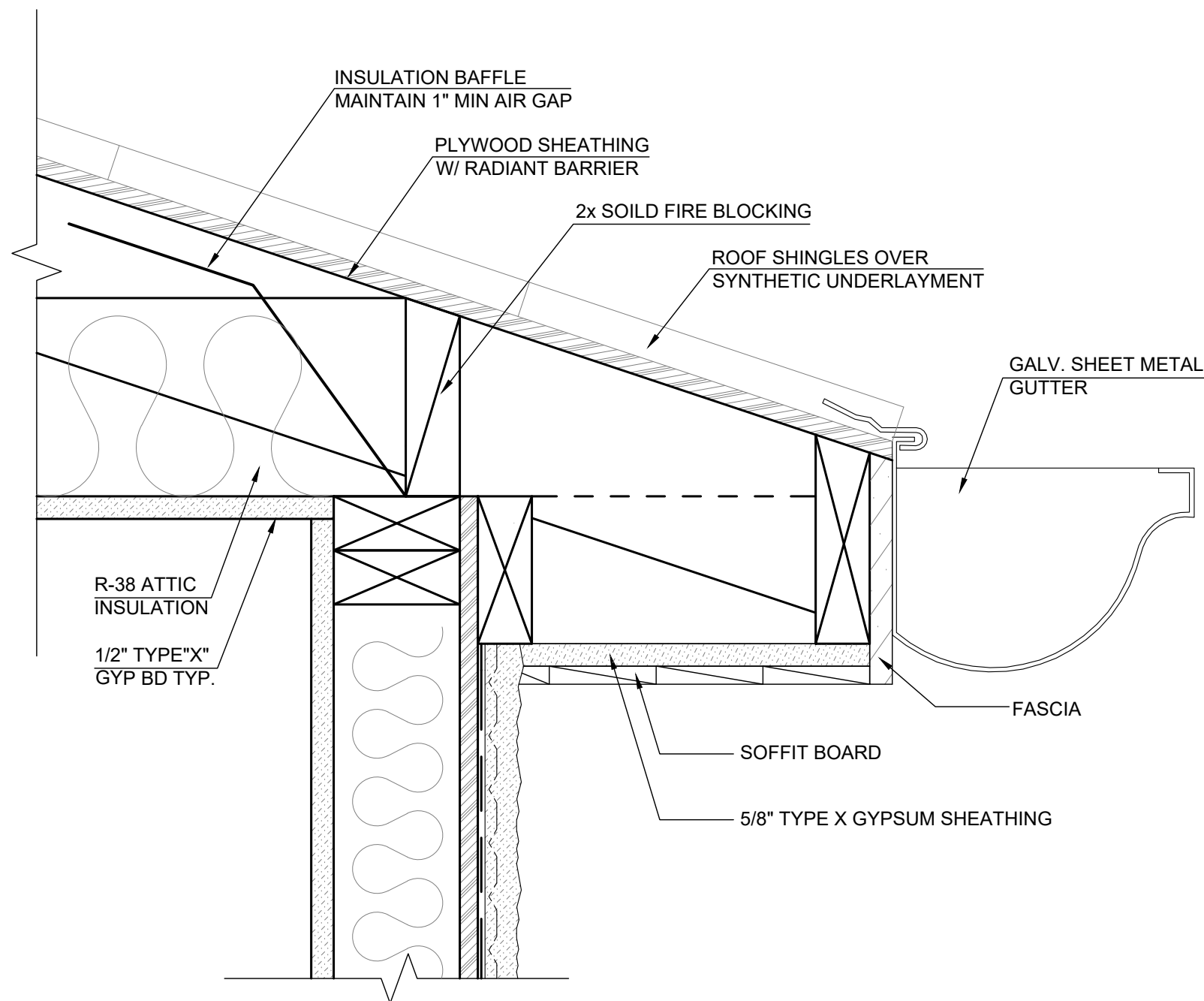


REVISED PROPOSED EAST ELEVATION

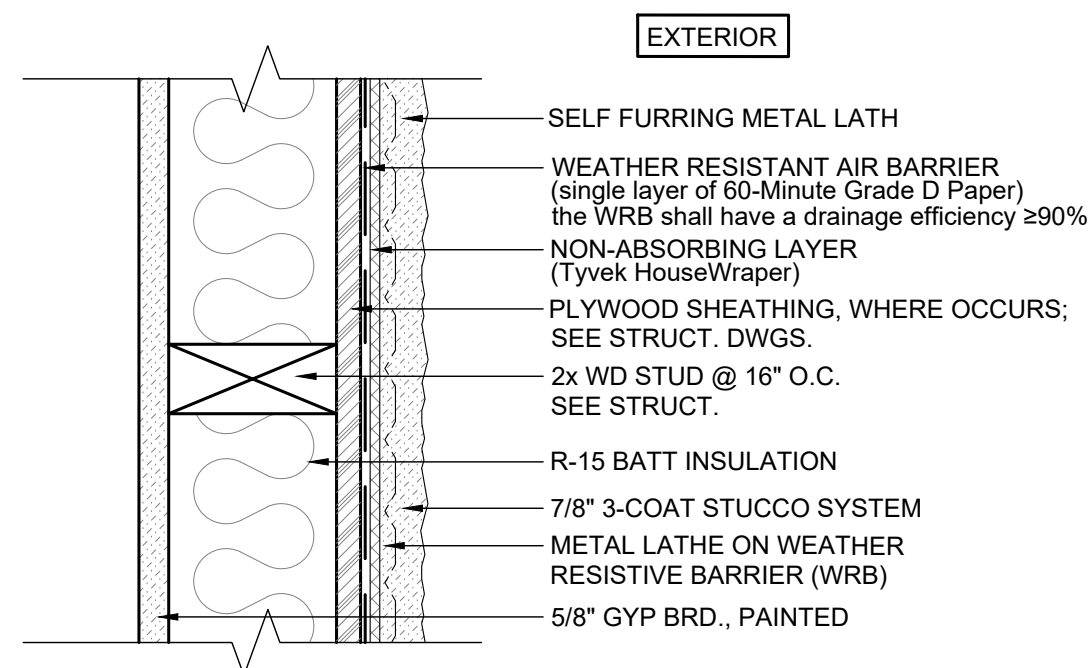
SCALE: 1/4"=1'-0"

REVISION	BY
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NEW HOUSE 229 Bancroft Rd, Burlingame, CA 94010 APN: 029263060	
PREVIOUSLY & REVISED PROPOSED ESAT ELEVATION	
Owner: HONGZHI LIANG Tel: 650-888-1083 EMAIL: lianghongzhi1388@gmail.com	
Date	01-10-2025
Scale	1/8"=1'-0"
Drawn	ZHONGLV Y.
Job	
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Of	Sheets



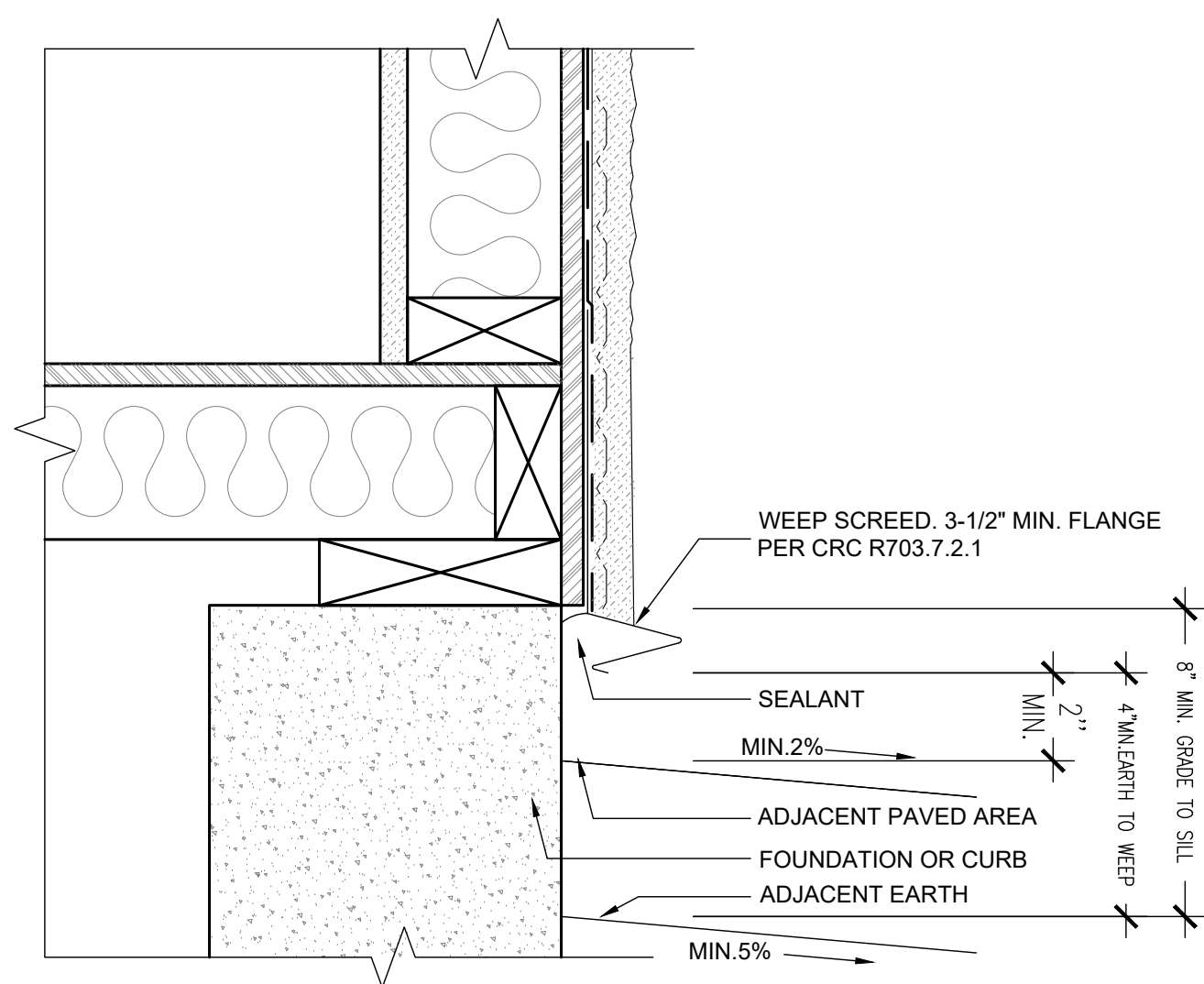


1 TYP. 1-HR FIRE RATED EAVE DETAIL  
SCALE: 3"=1'-0"

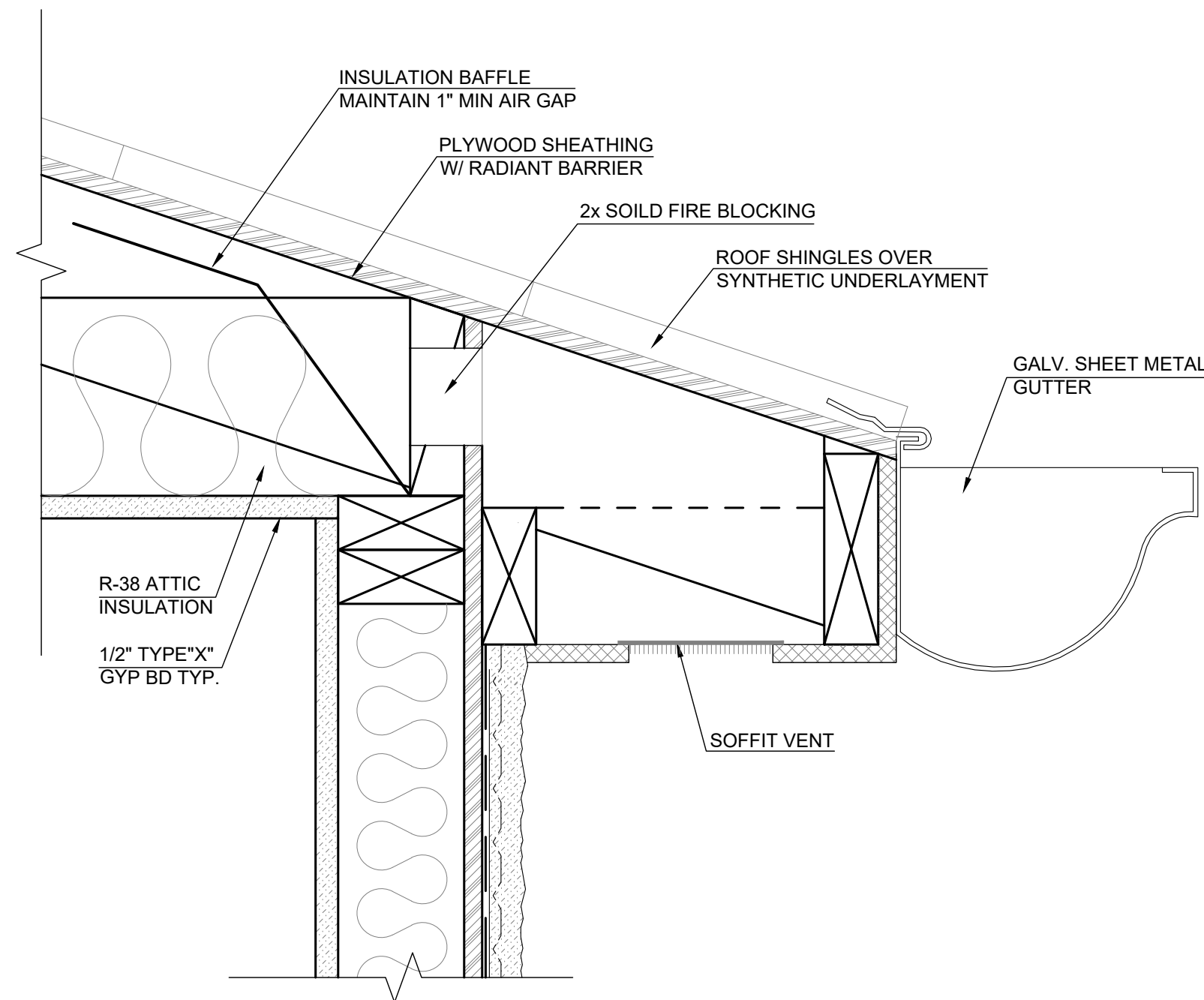


NOTE: GYP BRD. SHALL NOT BE INSTALLED WHERE  
THERE WILL BE DIRECT EXPOSURE TO WATER, OR IN  
AREAS SUBJECT TO CONTINUOUS HIGH HUMIDITY.  
1 HOUR RATED PER CBC 2022 TABLE 721.1. (2), ITEM  
15-1.3 See footnote m for reduction of allowable F.c.

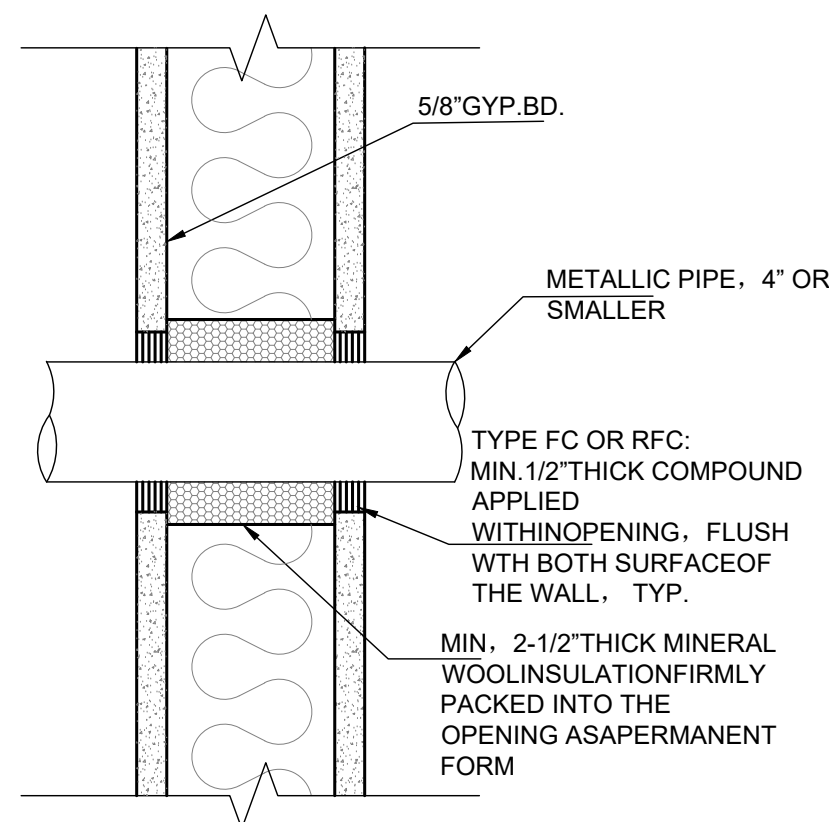
2 TYP. EXTERIOR WALL - STUCCO  
SCALE: 3"=1'-0"



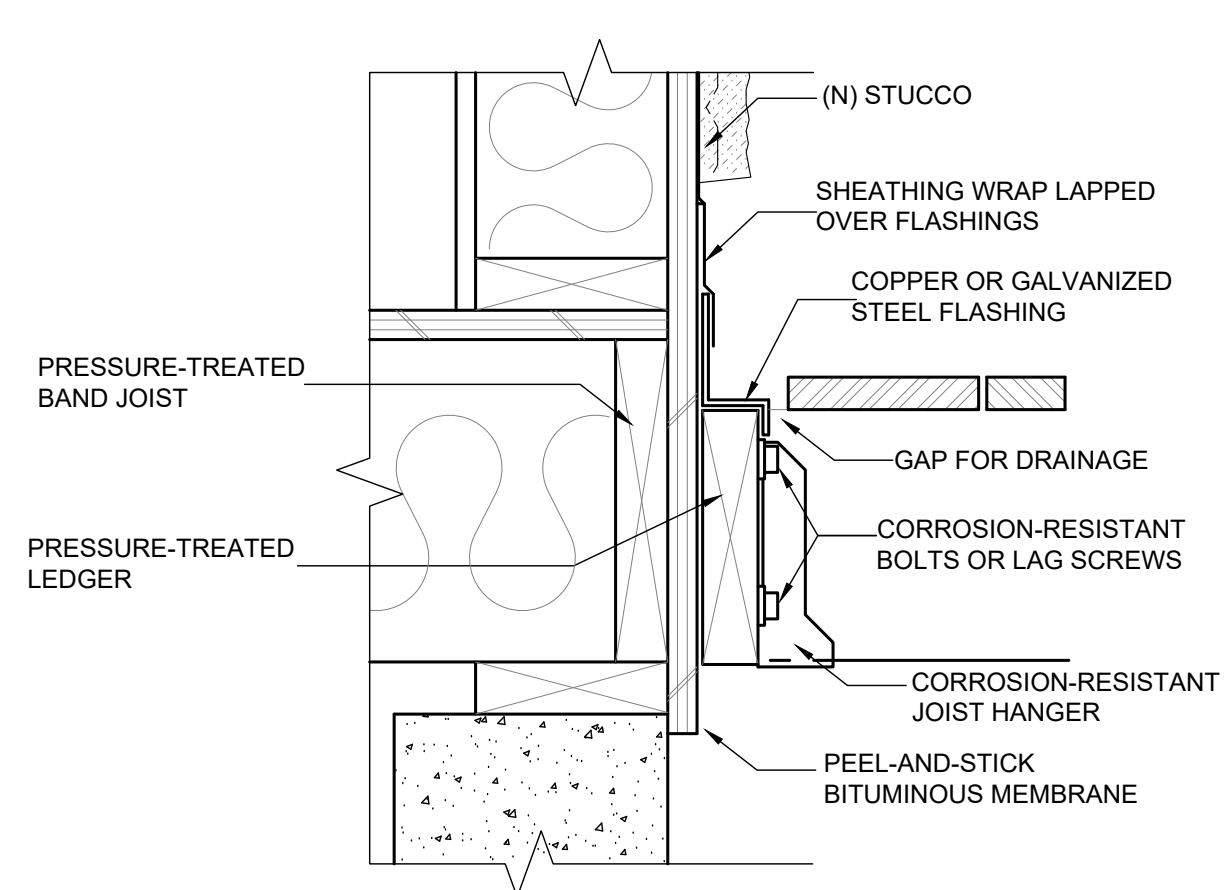
3 WEEP SCREED DETAIL  
SCALE: 3"=1'-0"



4 TYP. EAVE DETAIL  
SCALE: 3"=1'-0"

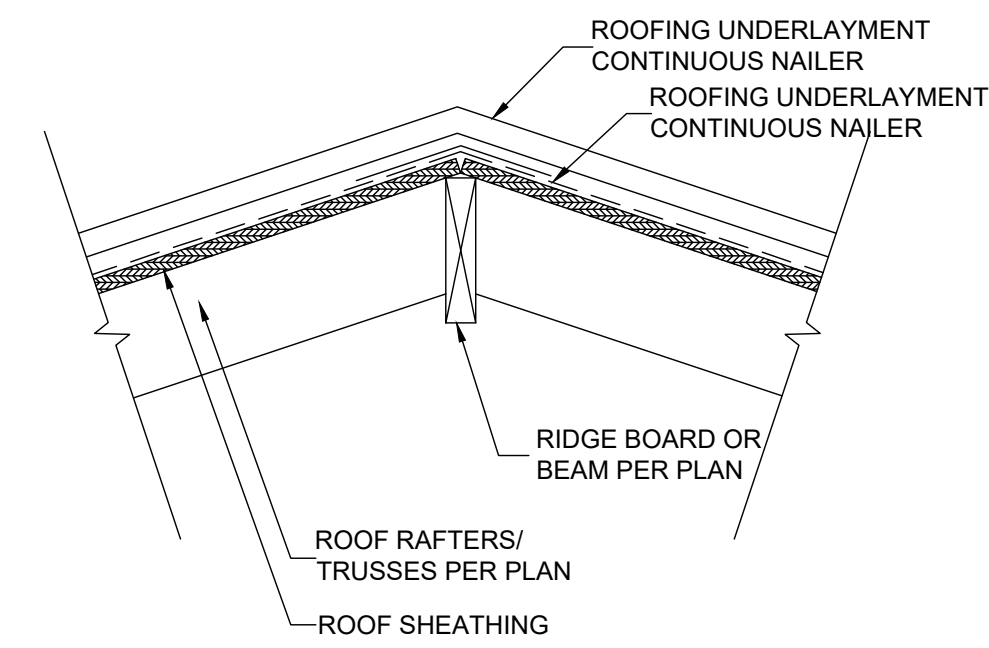


5 PIPE PENETRATION 1-HR WALL  
SCALE: 3"=1'-0"

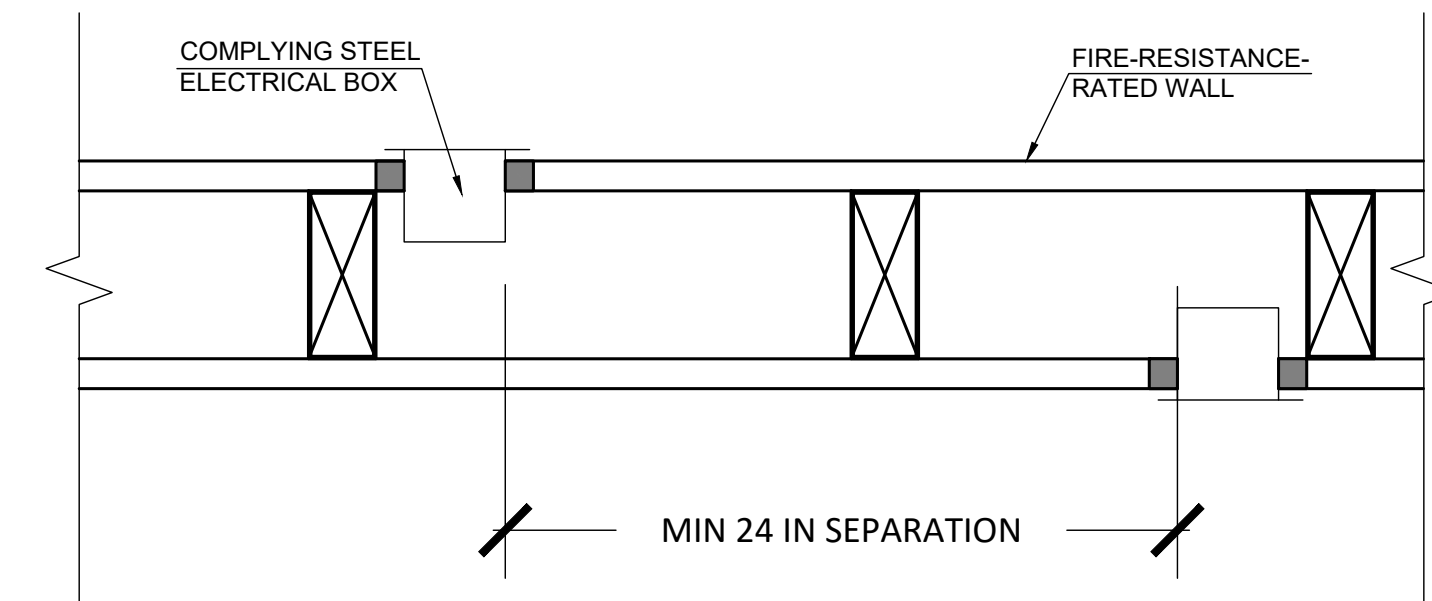


THOUGH DEAL FAILURES ARE RARE, LEDGER  
CONNECTIONS ARE TYPICALLY AT FAULT WHEN THEY  
OCCUR. THROUGH-BOLTS MAKE THE STRONGEST  
CONNECTION, BUT ADEQUATELY SIZED LAG SCREWS CAN  
ALSO WORK WITH EITHER. IT IS CRITICAL TO FLASH THE  
LEDGER AREA AND TO ONLY USE METAL COMPONENTS  
THAT ARE COMPATIBLE WITH PRESSURE-TREATED WOOD.

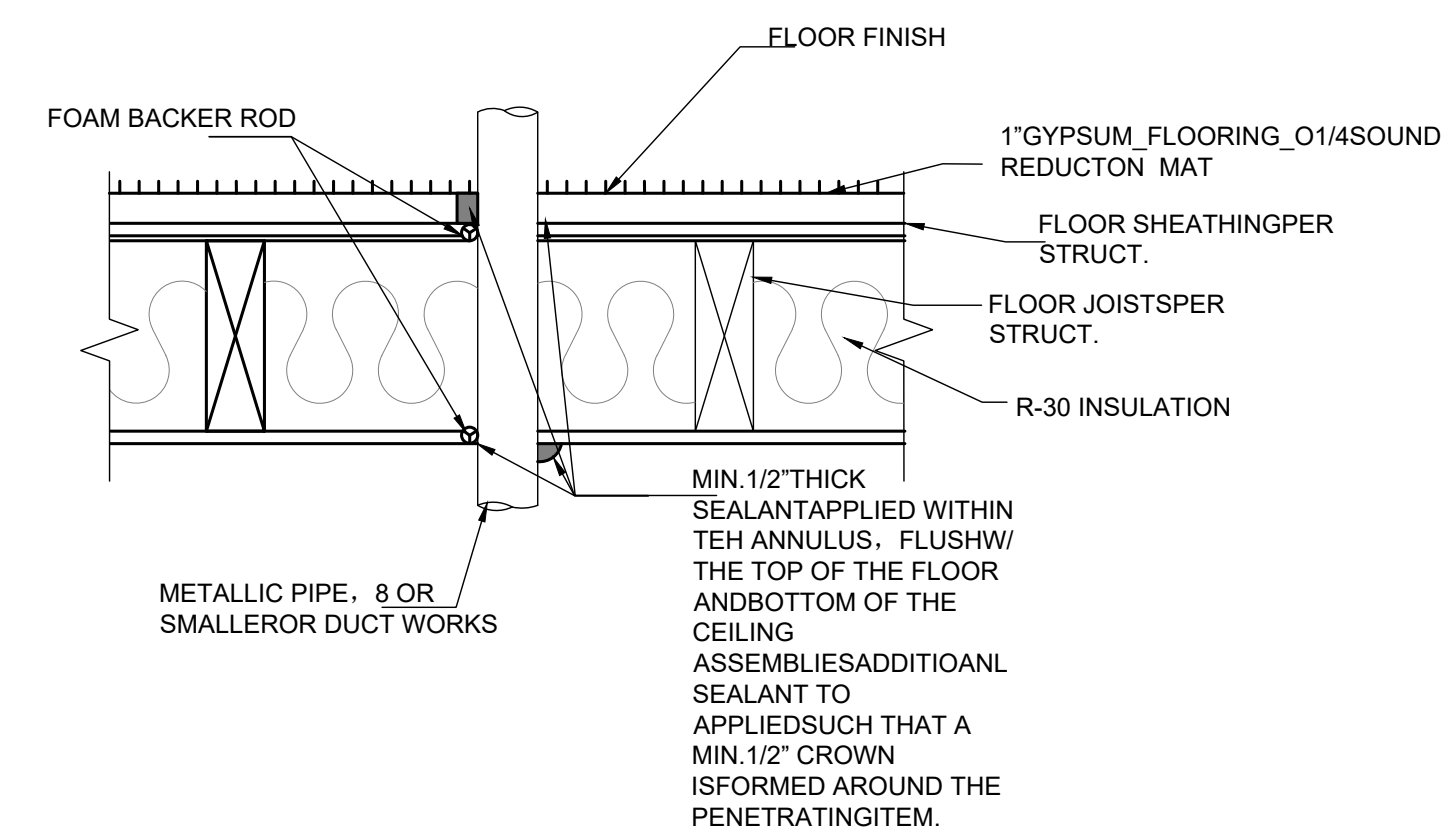
6 EXTERIOR PORCH ATTACH TO FLOOR FLASHING DETAIL  
SCALE: 3"=1'-0"



7 ROOF -HIP/RIDGE  
SCALE: 3"=1'-0"



8 ELECTRICAL BOX PENETRATIONS  
SCALE: 3"=1'-0"



11 PIPE PENETRATION @ 1-HR FLOOR, TYP.  
SCALE: 3"=1'-0"

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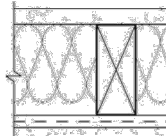
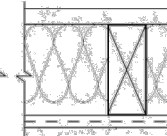


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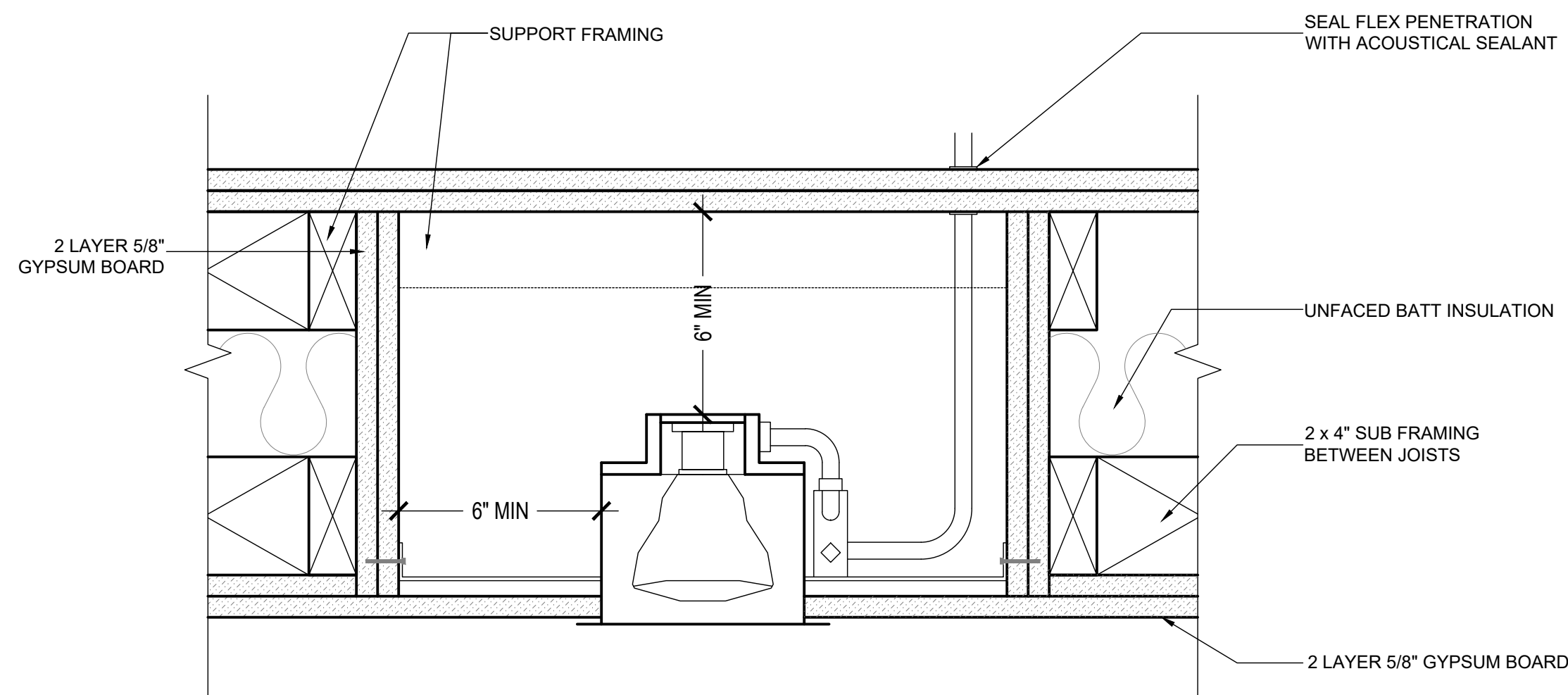
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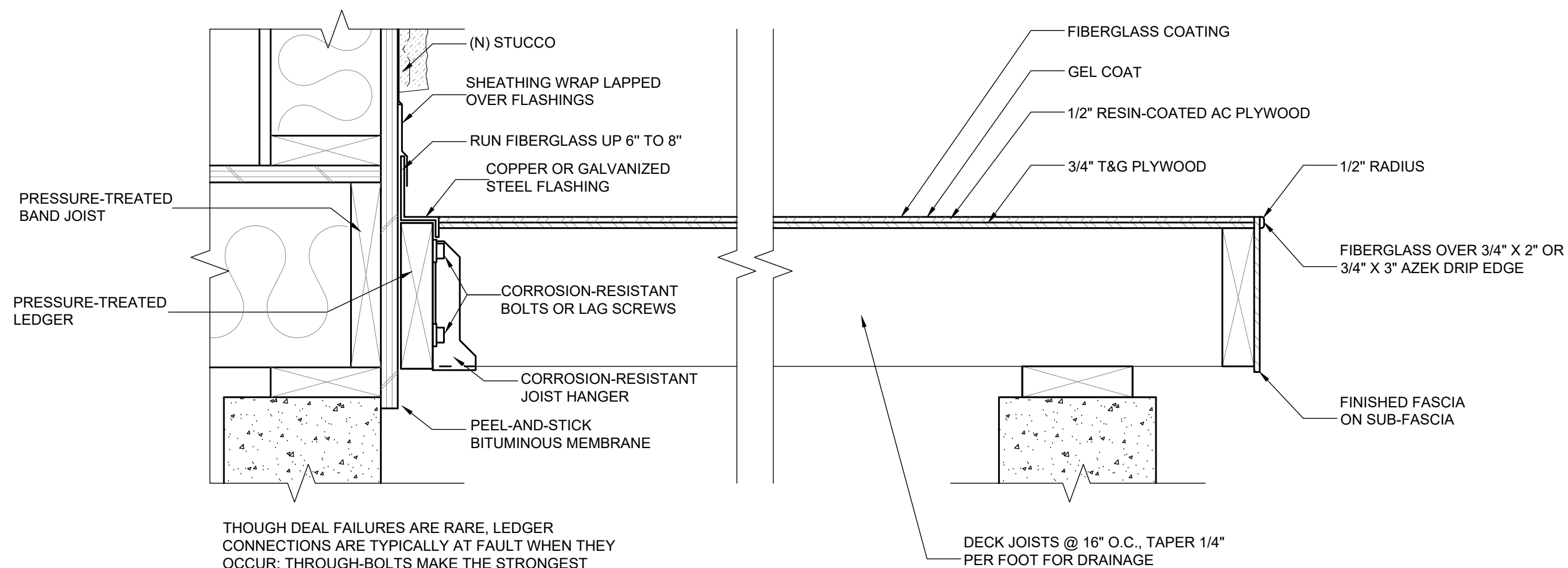
REVISION	BY

WALLS AND INTERIOR PARTITIONS, WOOD FRAMED				1 HOUR FIRE		50 to 54 STC SOUND	
GA FILE NO. WP 3242		GENERIC					
GYPSUM WALLBOARD, RESILIENT CHANNELS, MINERAL OR GLASS FIBER INSULATION, WOOD STUDS							
<p><b>Fire Design:</b></p> <p>Resilient channels 16" o.c. attached at right angles to ONE SIDE of 2 x 4 wood studs 24" o.c. with 1-1/4" Type S screws. <b>One</b> layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 1" Type S screws 8" o.c. with vertical joints located midway between studs. 3" mineral or glass fiber insulation in stud space.</p> <p><b>OPPOSITE SIDE:</b> <b>One</b> layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to studs with dry cement coated nails, 1-7/8" long, 0.0915" shank, 16/64" heads, 7" o.c.</p> <p>Vertical joints staggered 24" on <b>OPPOSITE SIDES. (LOAD-BEARING)</b></p>							
<p><b>Sound Design:</b></p> <p>Sound tested as constructed for fire.</p>							
							
				<p>Thickness: 5-3/8" (Fire and Sound)</p> <p>Approx. Weight: 7 psf (Fire and Sound)</p> <p>Fire Test: Based on UL R14196, GSA00371, 2-15-05, UL Design U309</p>		<p>Sound Test: NRCCT TL 93-098, IRC-IR761, 3-98</p>	

## 1 1-HOUR FIRE-RATED FLOOR/CEILING ASSEMBLY



## 2 LIGHT FIXTURE CEILING PENETRATION DETAIL



THOUGH DEAL FAILURES ARE RARE, LEDGER CONNECTIONS ARE TYPICALLY AT FAULT WHEN THEY OCCUR: THROUGH-BOLTS MAKE THE STRONGEST CONNECTION, BUT ADEQUATELY SIZED LAG SCREWS CAN ALSO WORK WITH EITHER. IT IS CRITICAL TO FLASH THE LEDGER AREA AND TO ONLY USE METAL COMPONENTS THAT ARE COMPATIBLE WITH PRESSURE-TREATED WOOD.

### 3 DECK DETAIL

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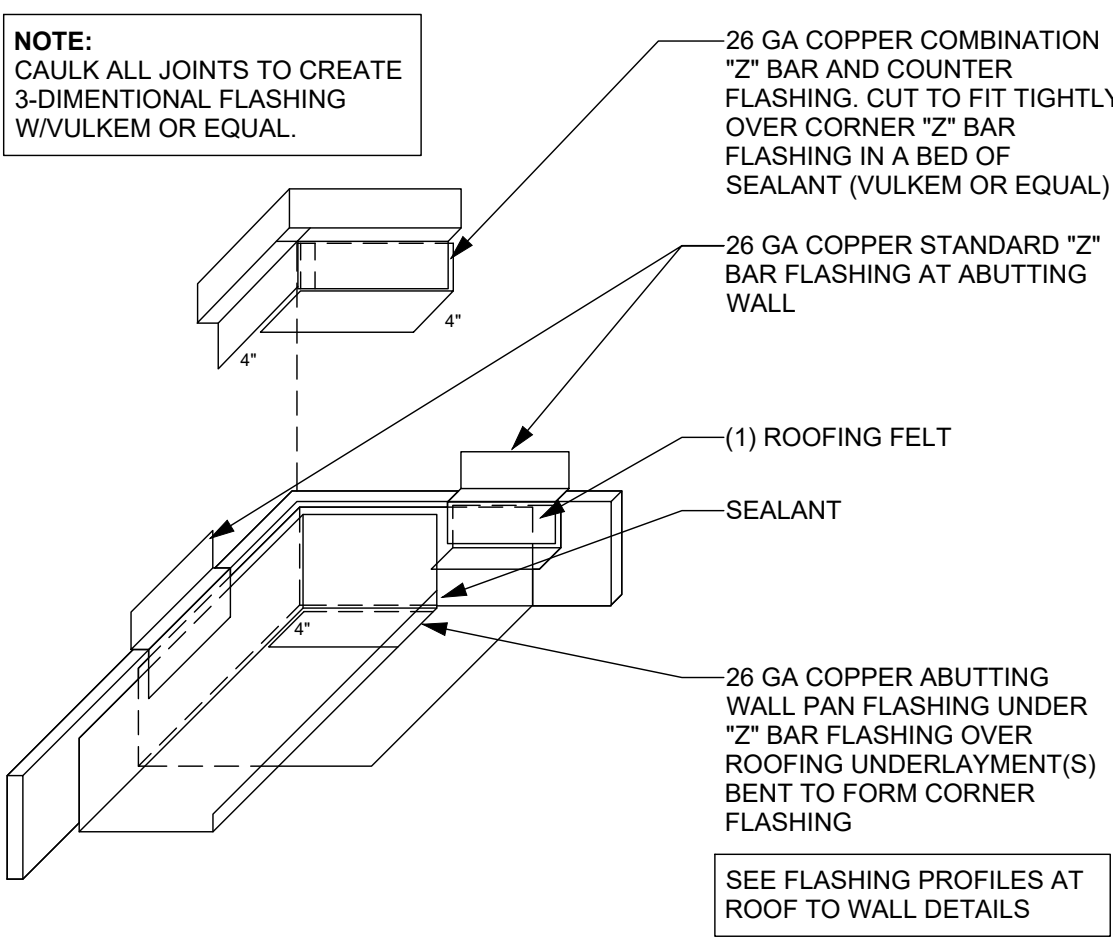
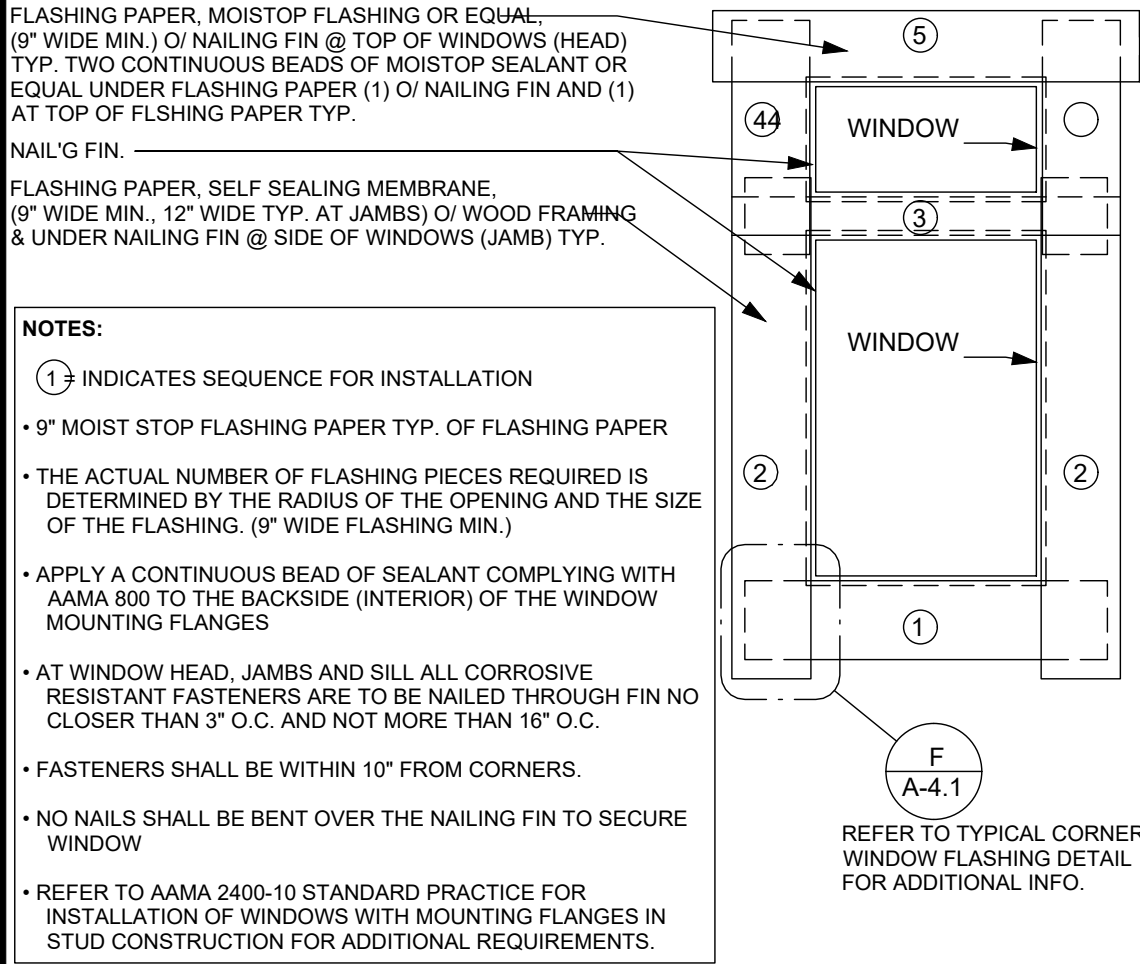


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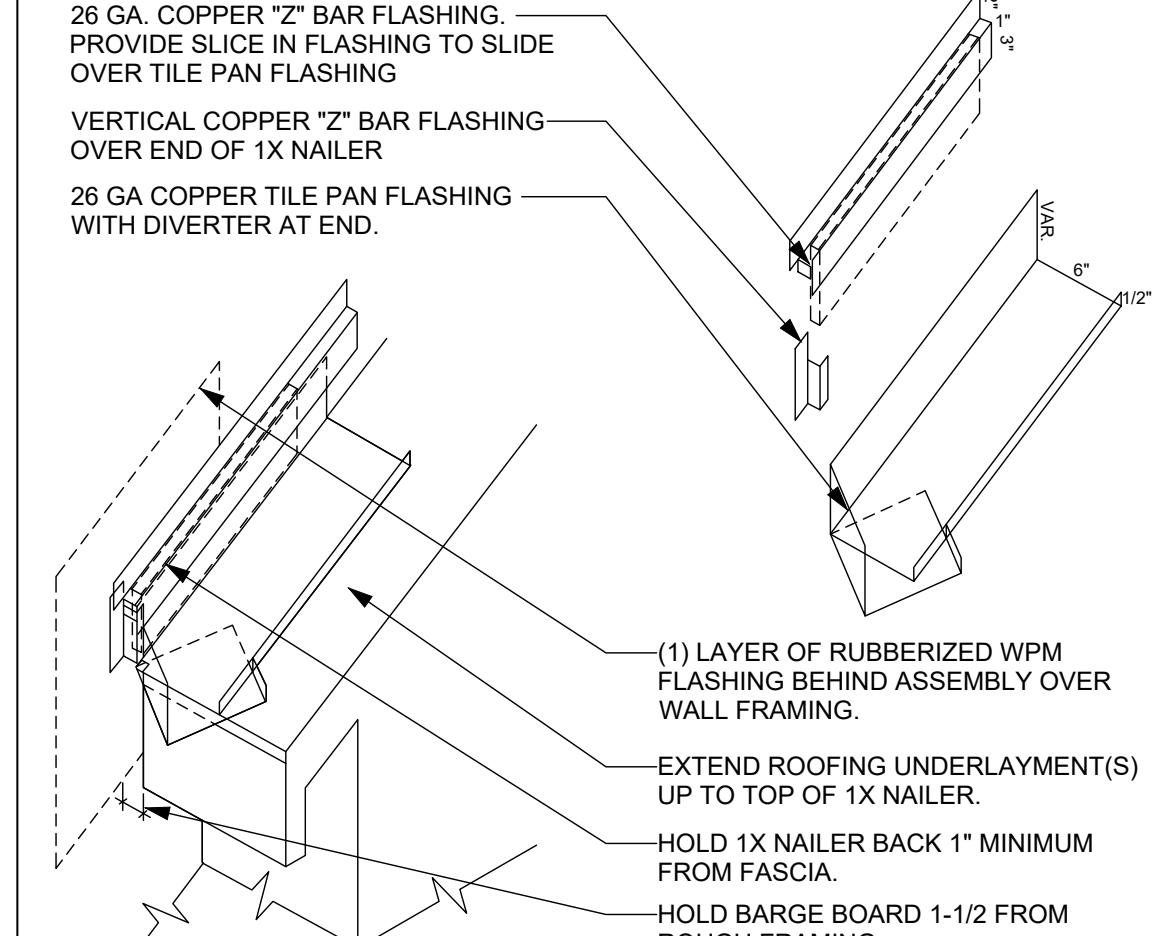
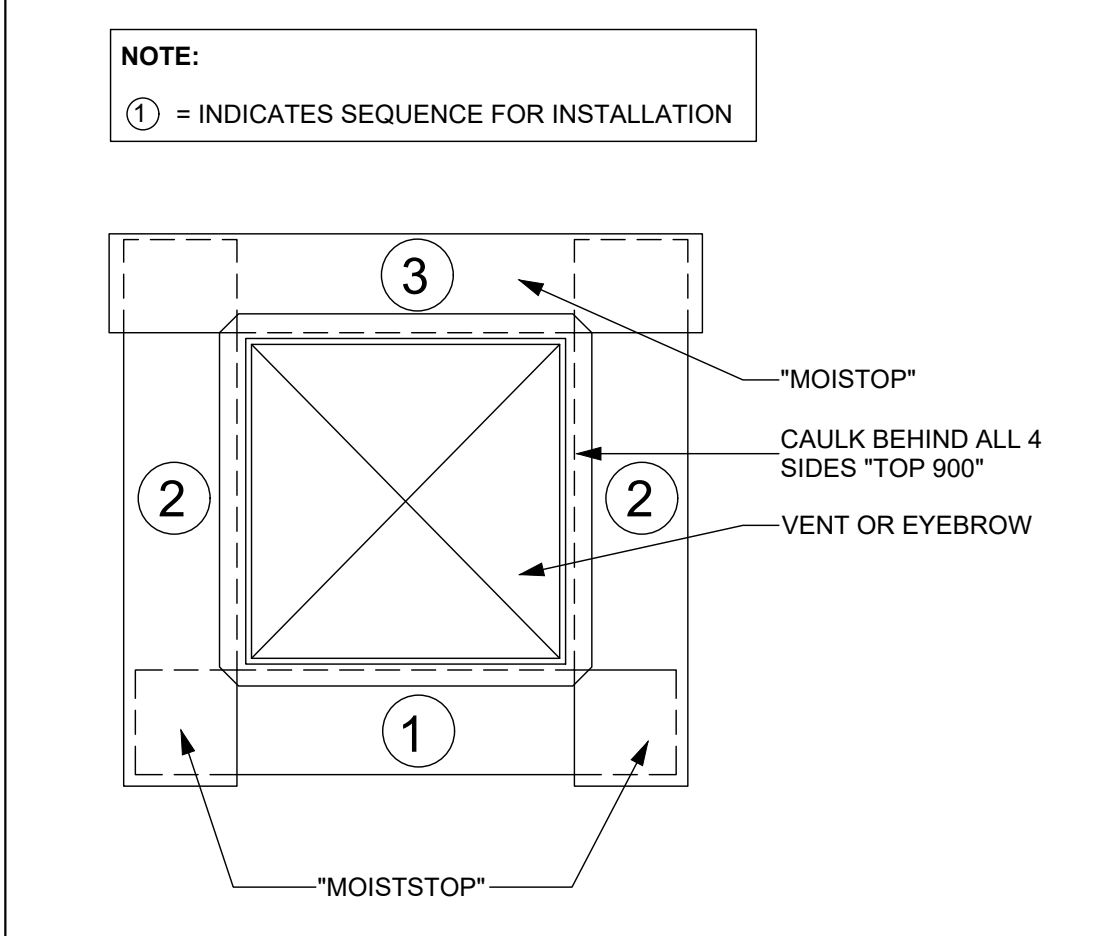
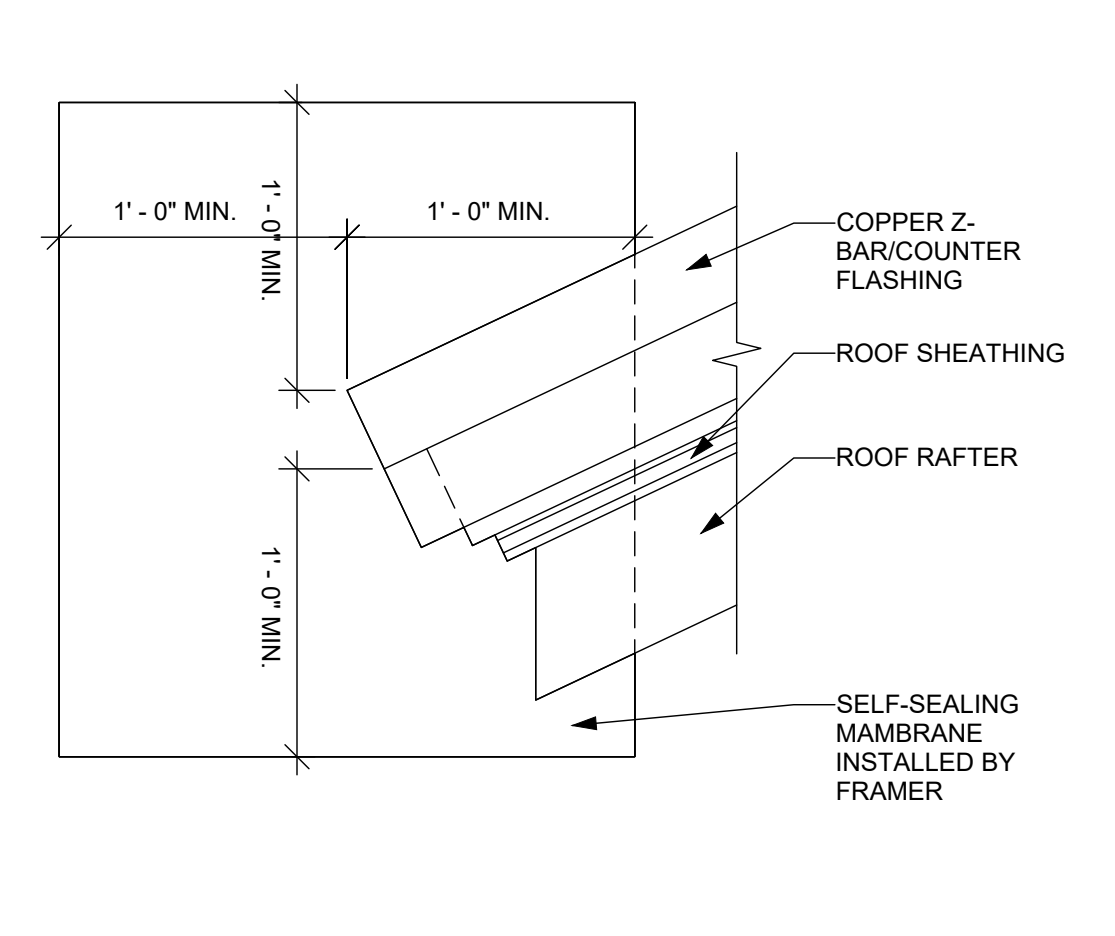
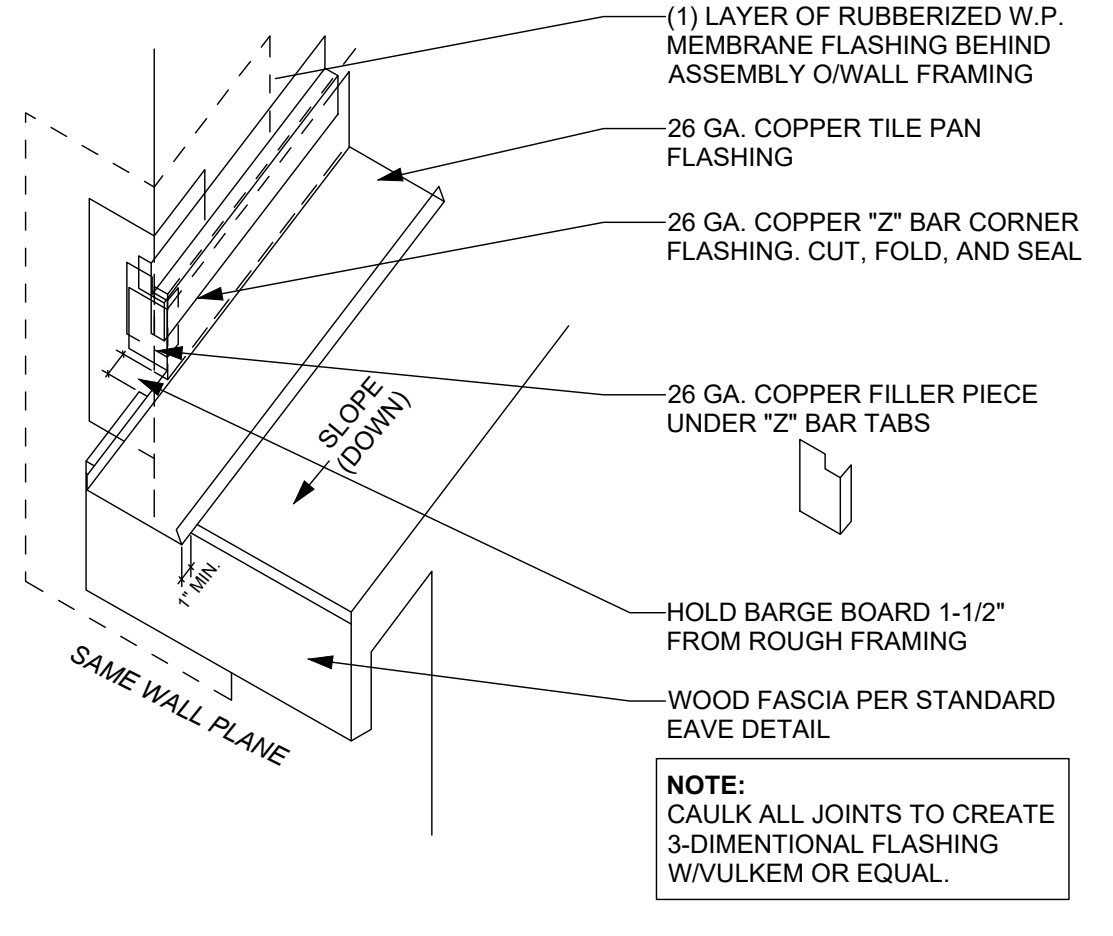
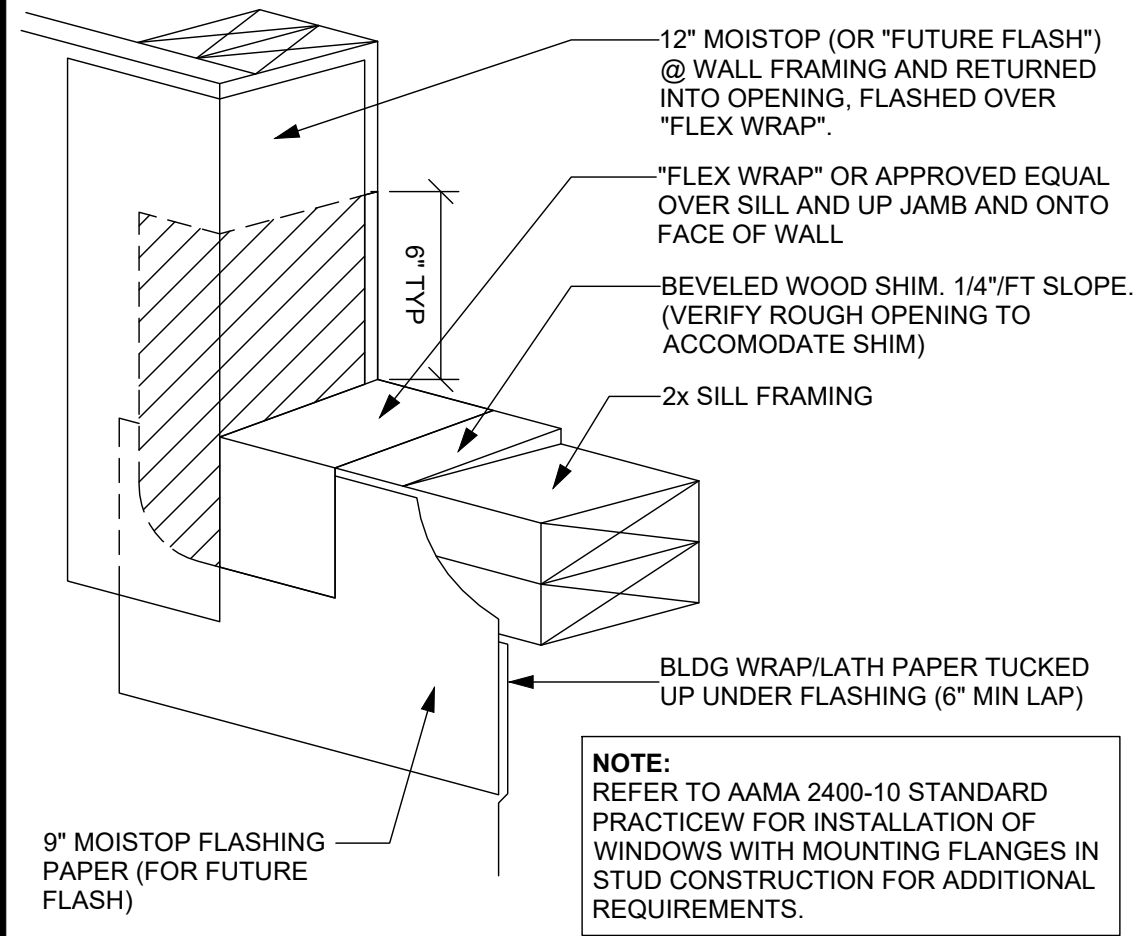


**A FLASHING - WINDOW TYP.**

AD-903 AD-901 SCALE: 12" = 1'-0"

**B ROOF TO WALL TYP. FLASHING 5**

AD SCALE: 3" = 1'-0"

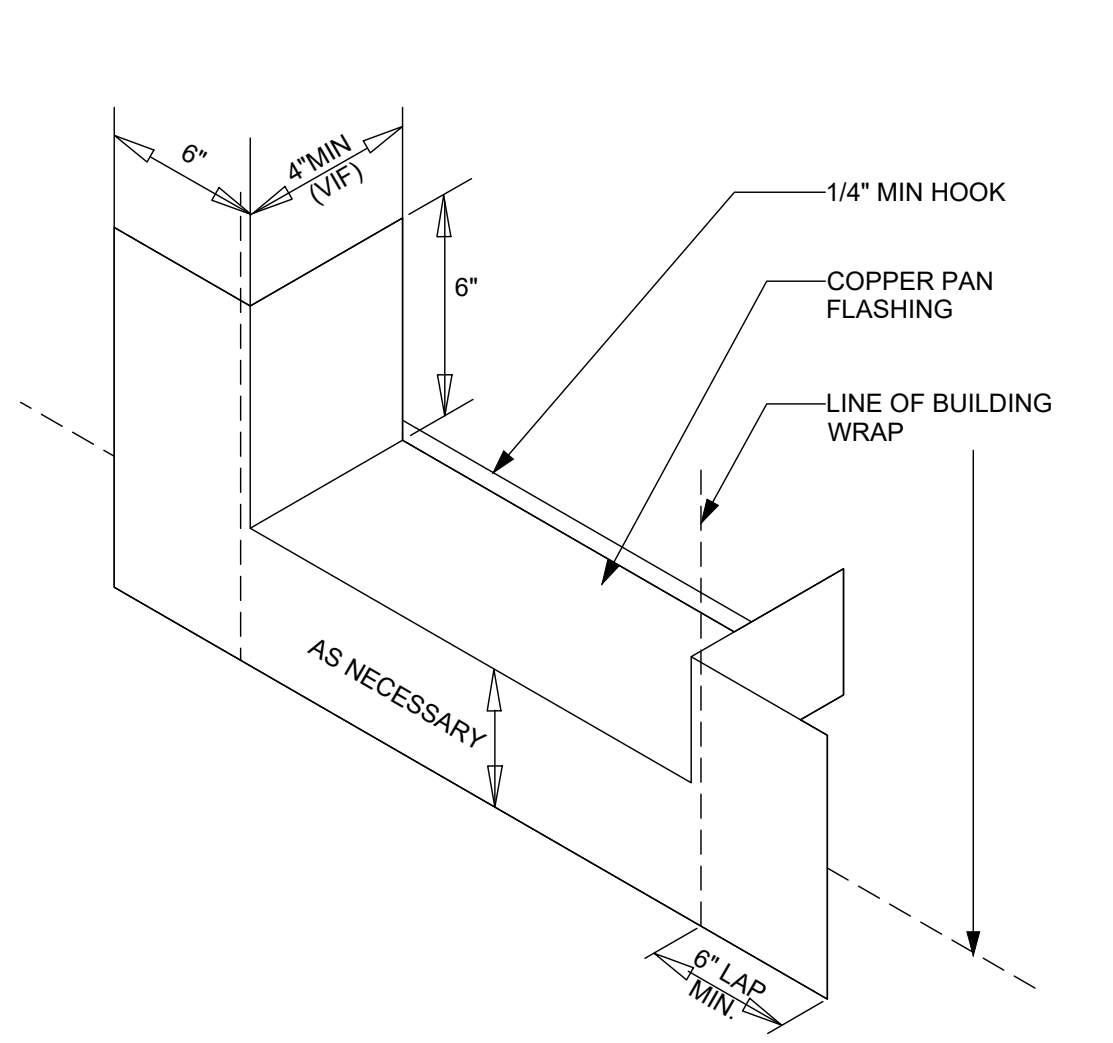
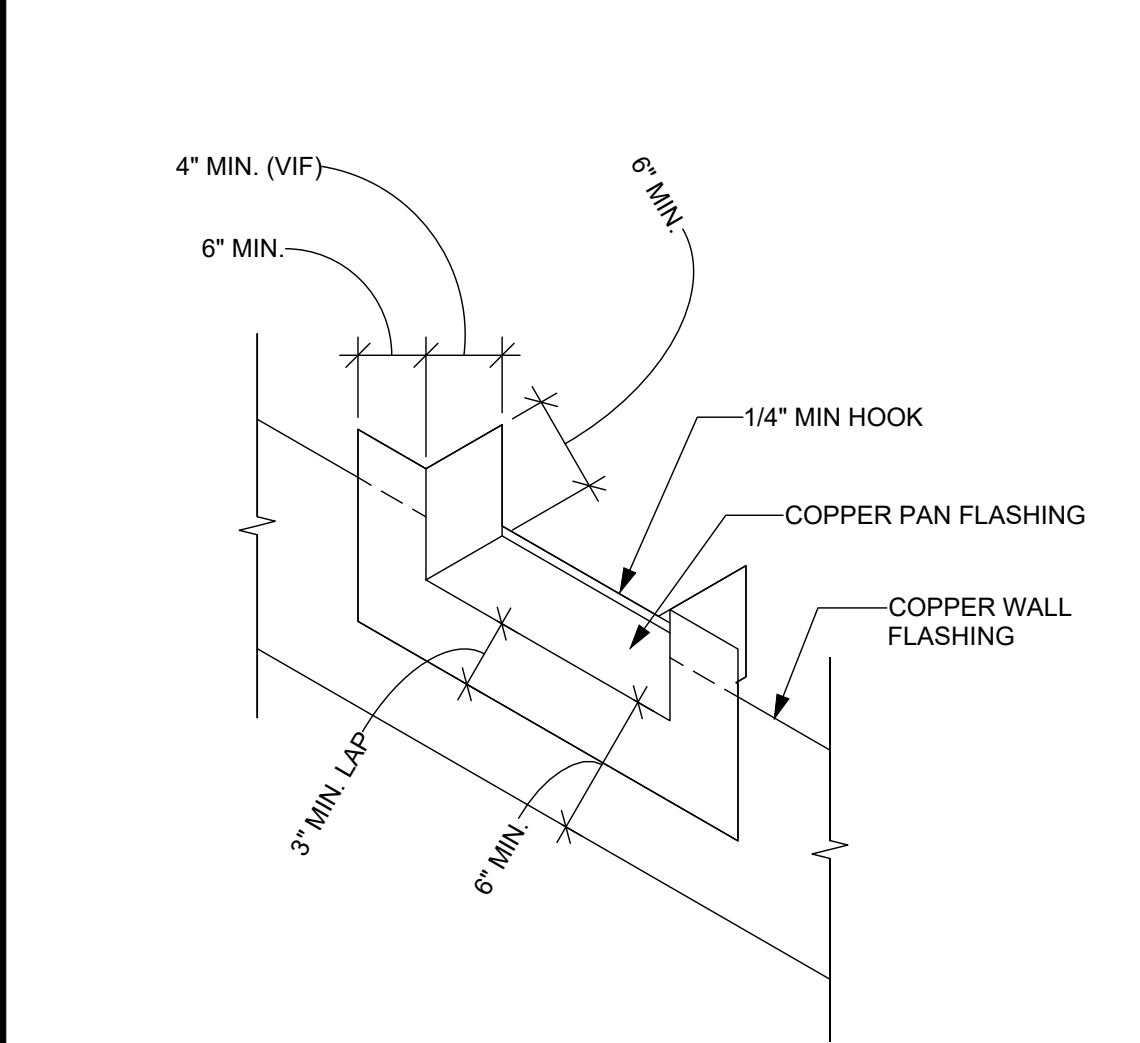


**C FLASHING - WINDOW CORNER TYP.**

AD-901 AD-901 SCALE: 12" = 1'-0"

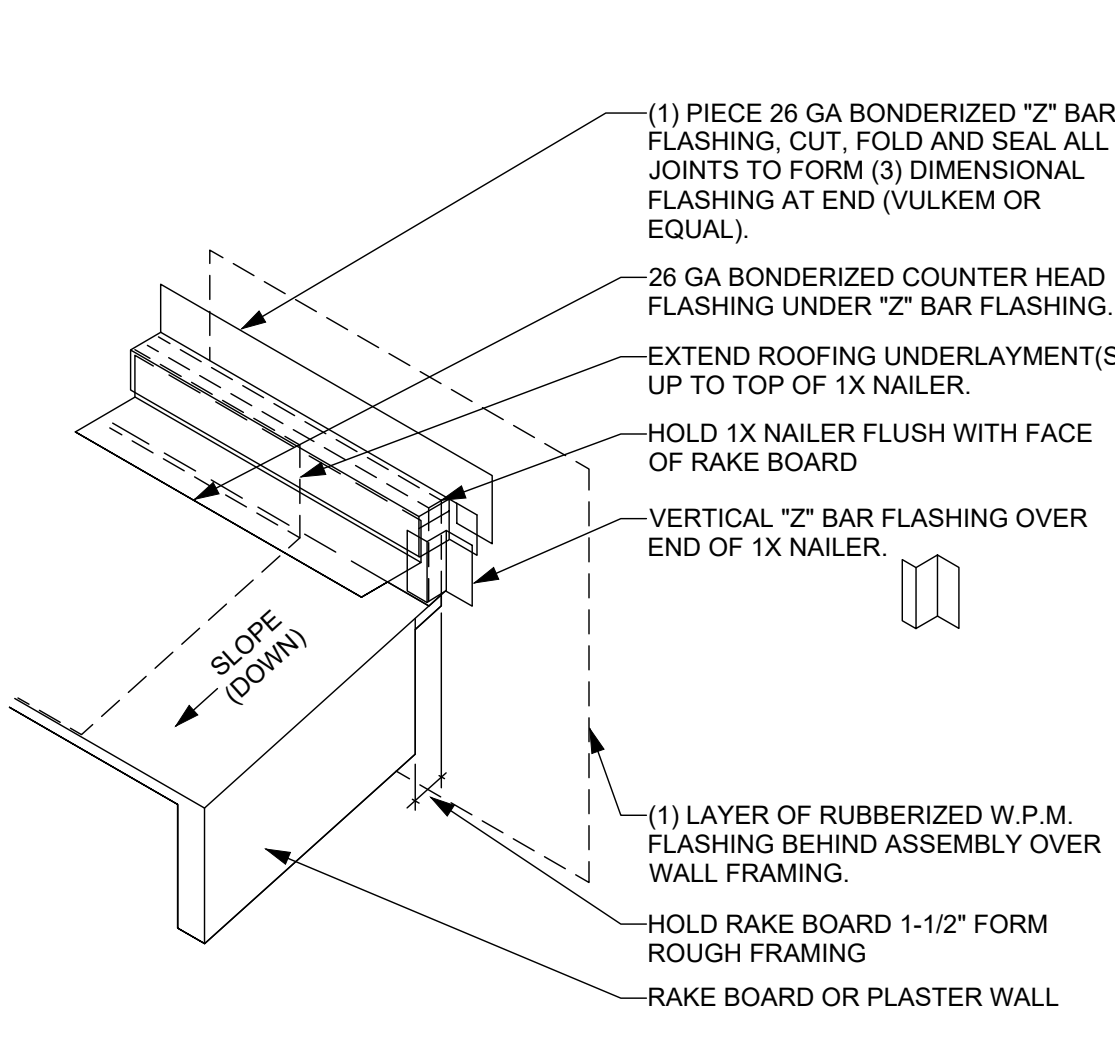
**D ROOF TO WALL TYP. FLASHING 2**

AD SCALE: 3" = 1'-0"



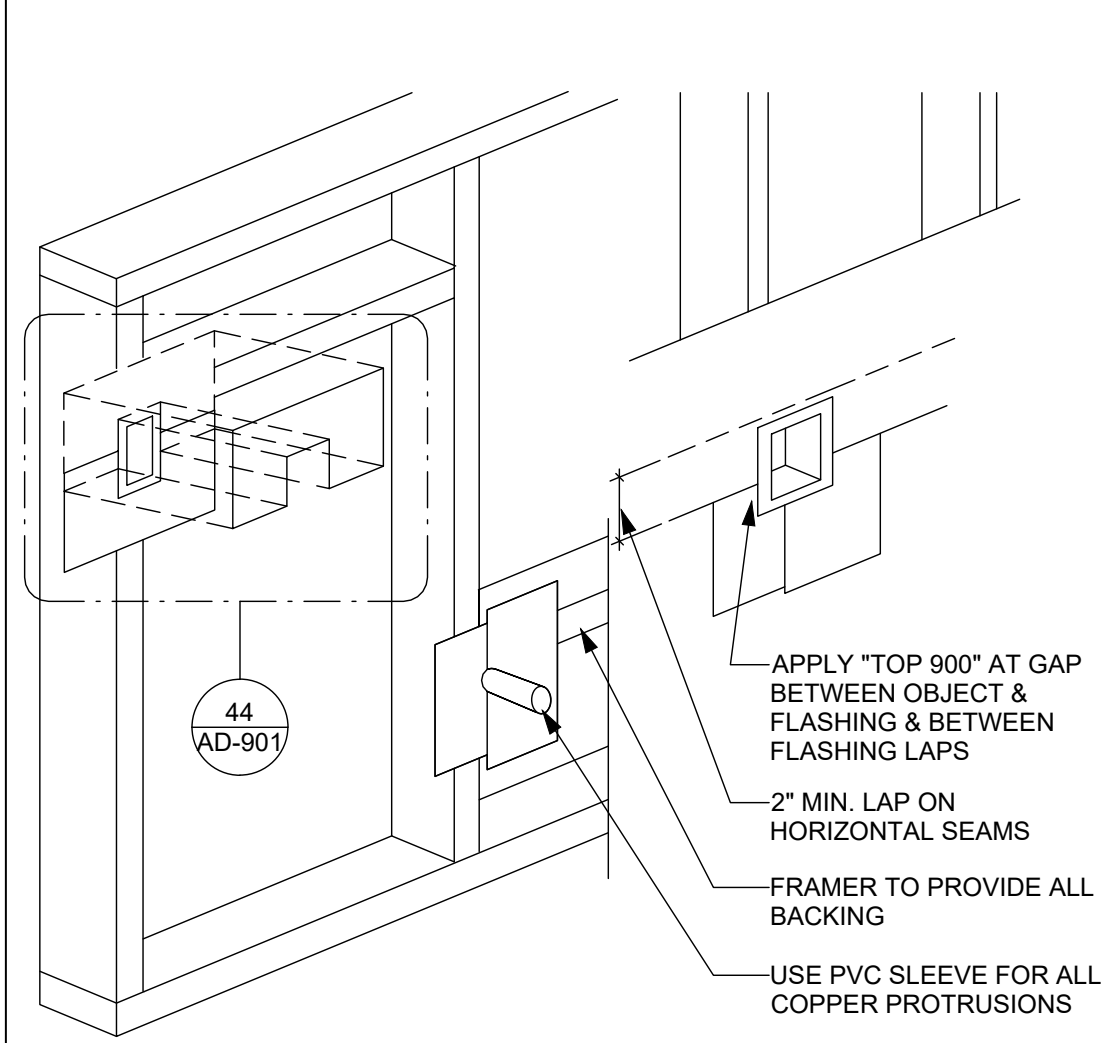
**E FLASHING - FASCIA TO WALL TYP.**

AD SCALE: 1 1/2" = 1'-0"



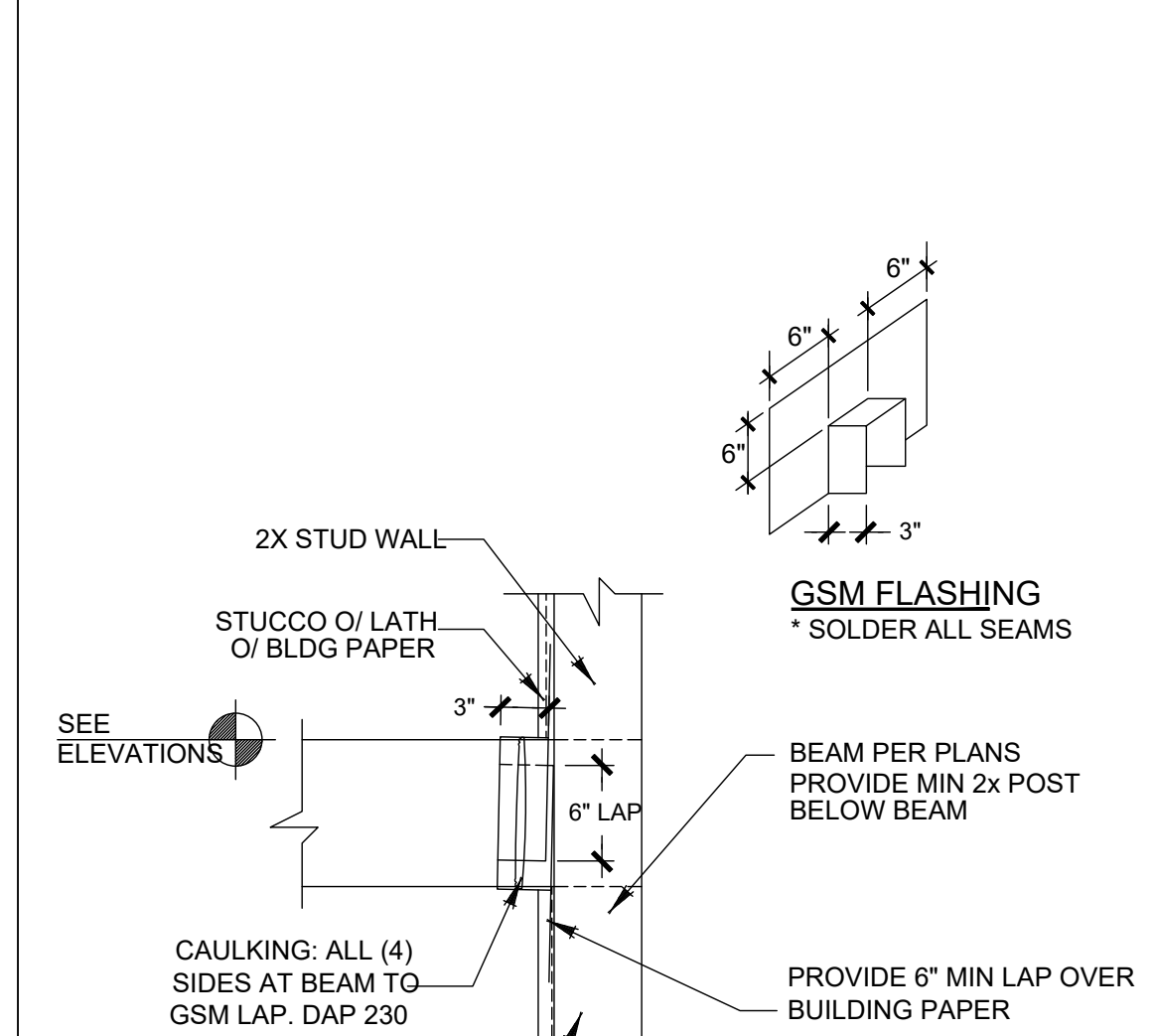
**F FLASHING - G.I. VENT**

AD SCALE: 1" = 1'-0"



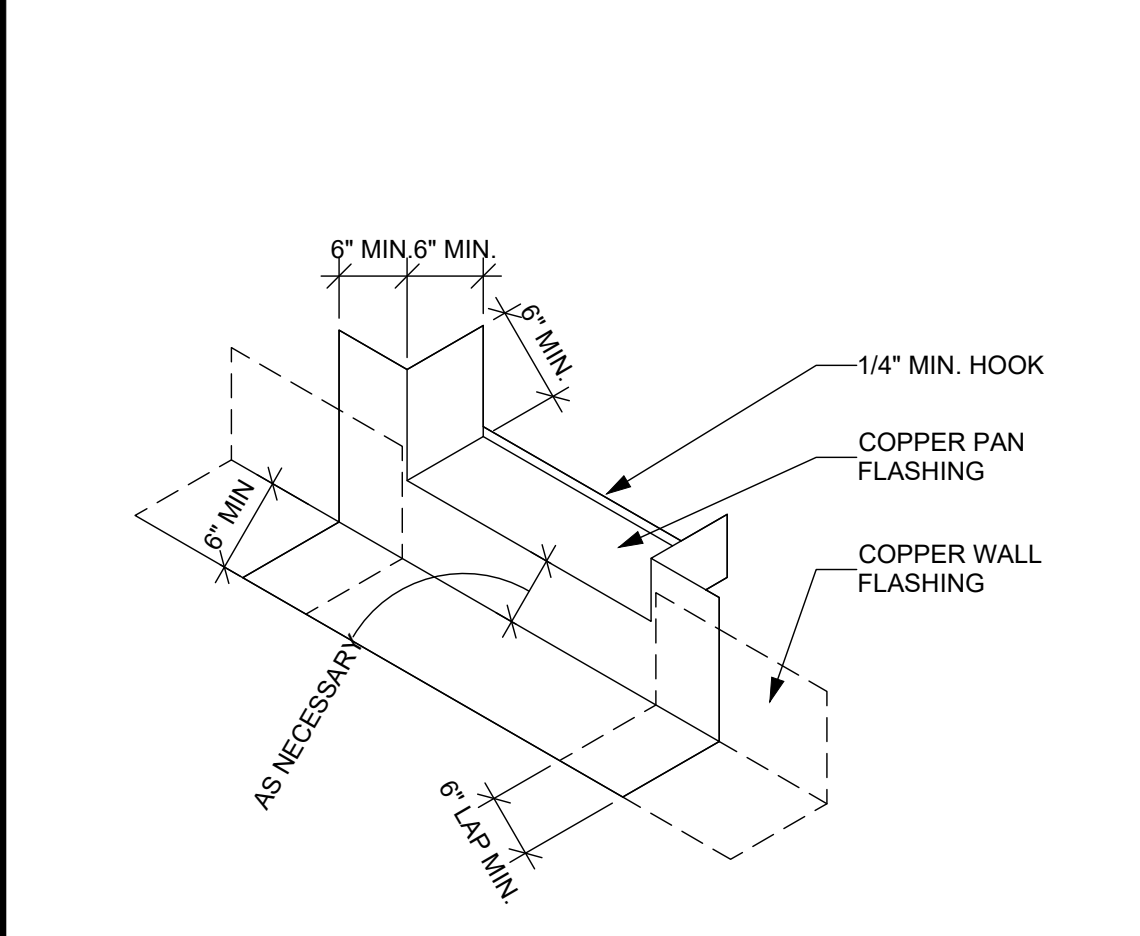
**G ROOF TO WALL TYP. FLASHING 1**

AD SCALE: 6" = 1'-0"



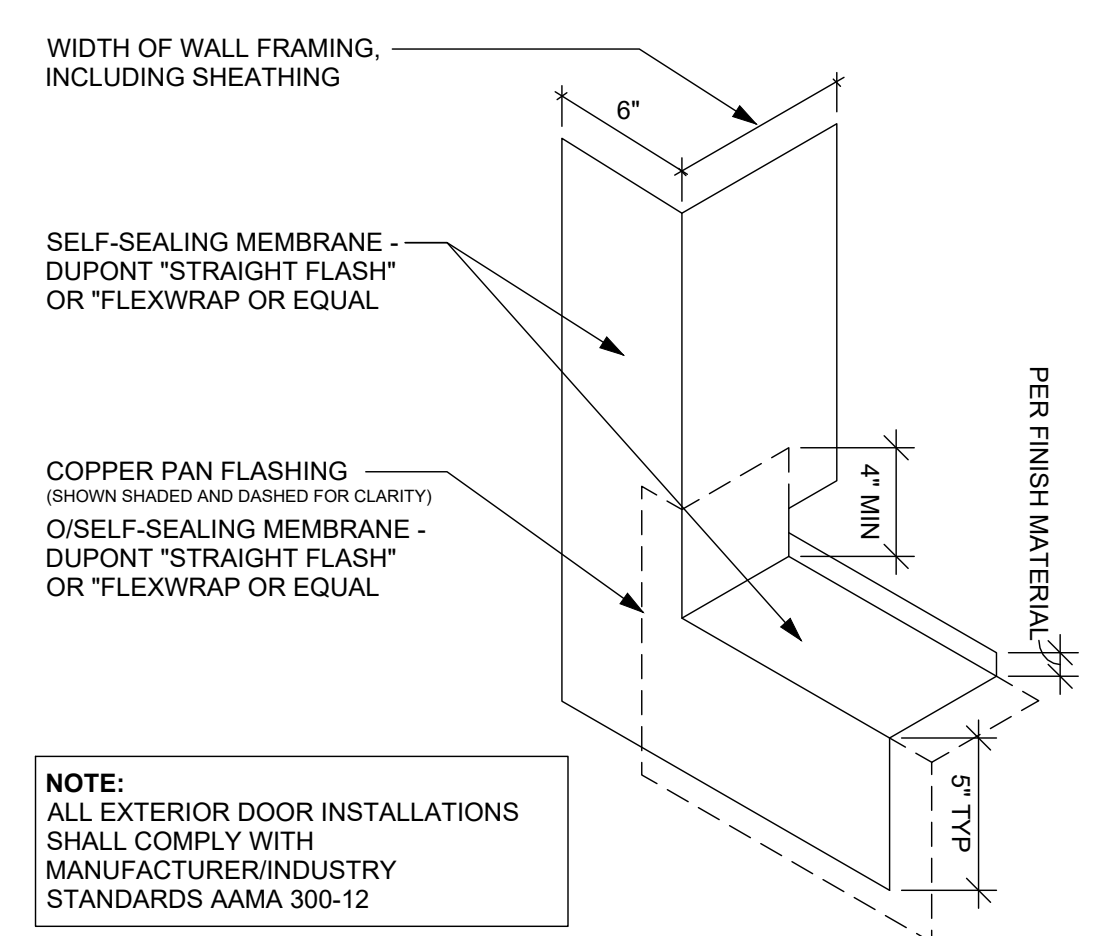
**H FLASHING - DOOR AT GRADE**

AD SCALE: 3" = 1'-0"



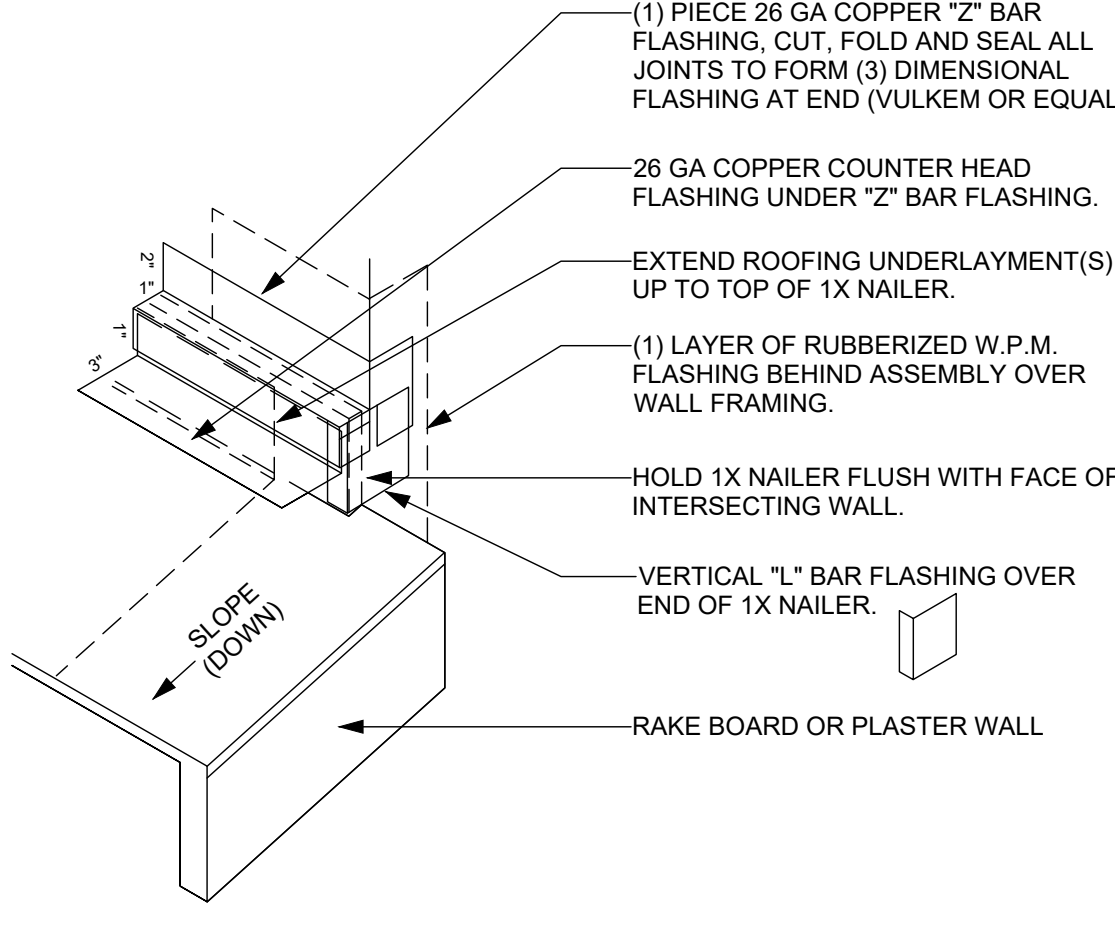
**J FLASHING PAN @ DOOR THRESHOLD**

AD SCALE: 3" = 1'-0"



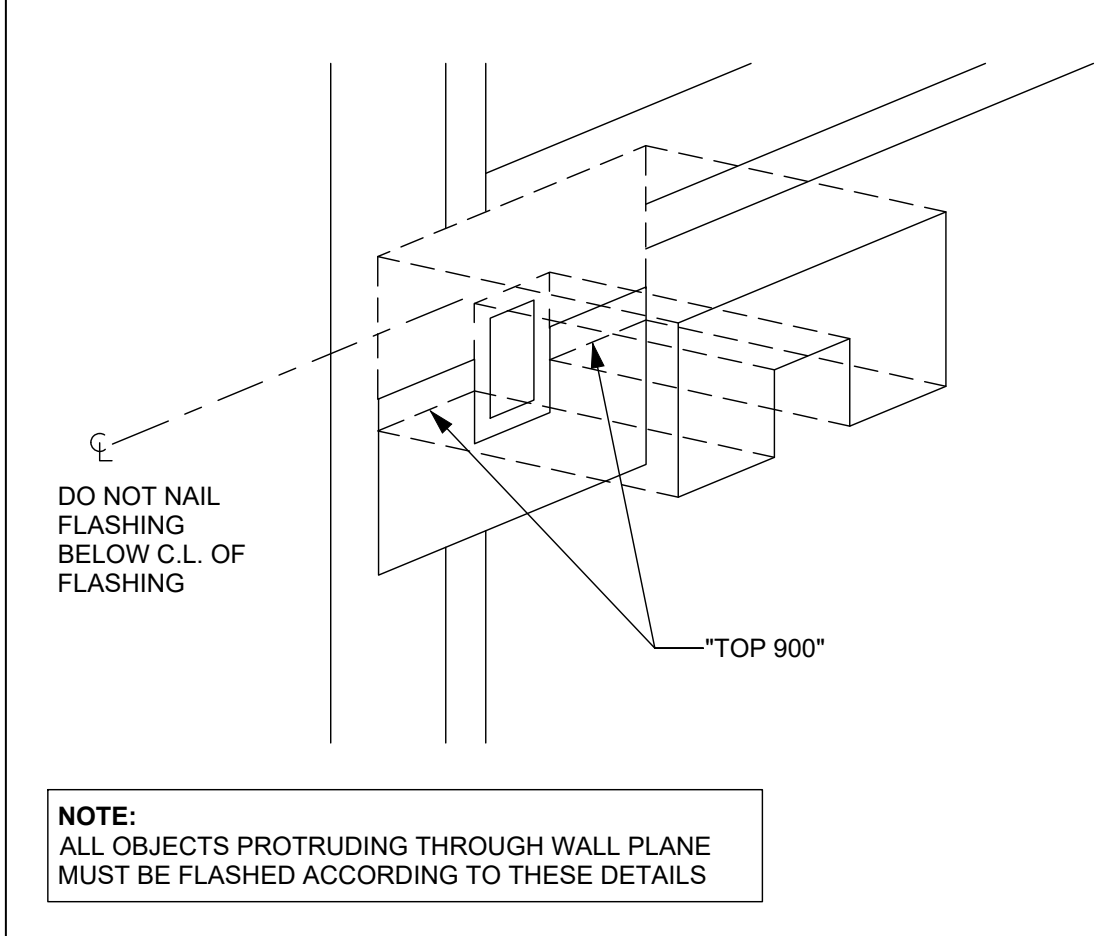
**K ROOF TO WALL TYP. FLASHING 3**

AD SCALE: 3" = 1'-0"



**L FLASHING - PROTRUSIONS**

AD SCALE: 1 1/2" = 1'-0"



**M FLASHING - DOOR AT W.P. DECK**

AD SCALE: 3" = 1'-0"

**N FLASHING - JAMB TO SILL TYP.**

AD SCALE: 3" = 1'-0"

**P ROOF TO WALL TYP. FLASHING 4**

AD SCALE: 3" = 1'-0"

**Q FLASHING - DETAILED PROTRUSION**

AD-901 AD-901 SCALE: 1 1/2" = 1'-0"

**R BEAM TO WALL FLASHING**

AD SCALE: 1" = 1'-0"

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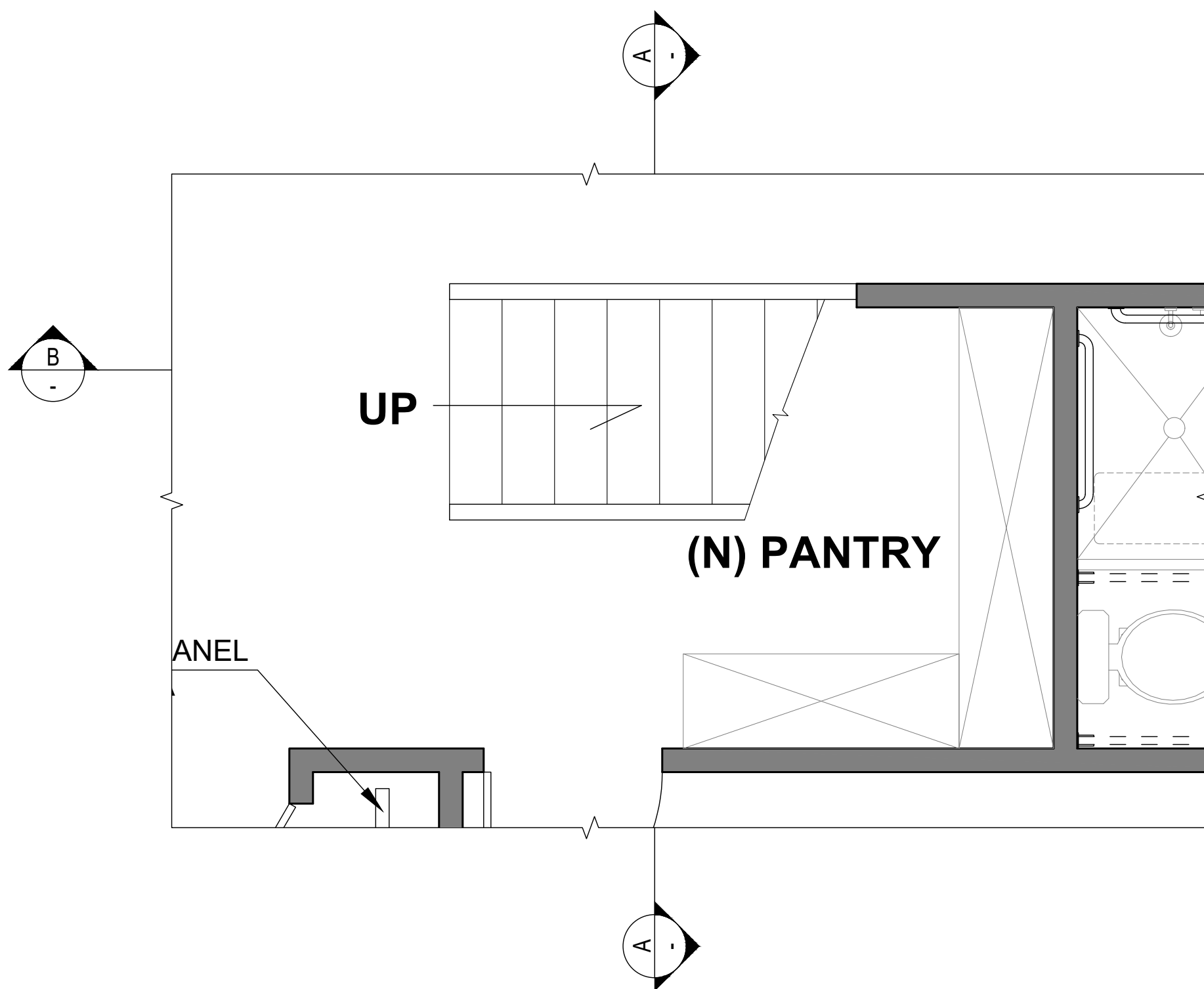


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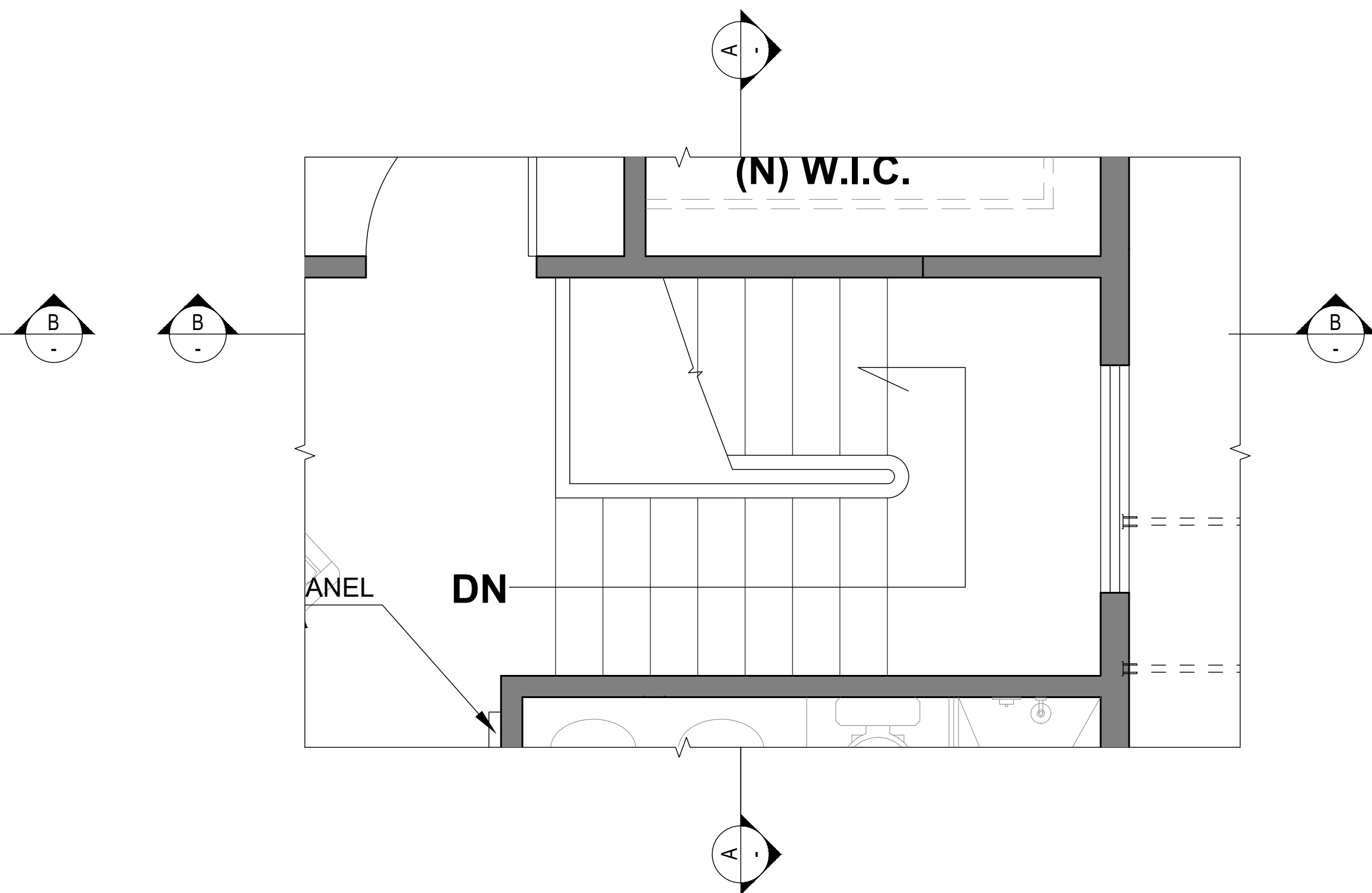
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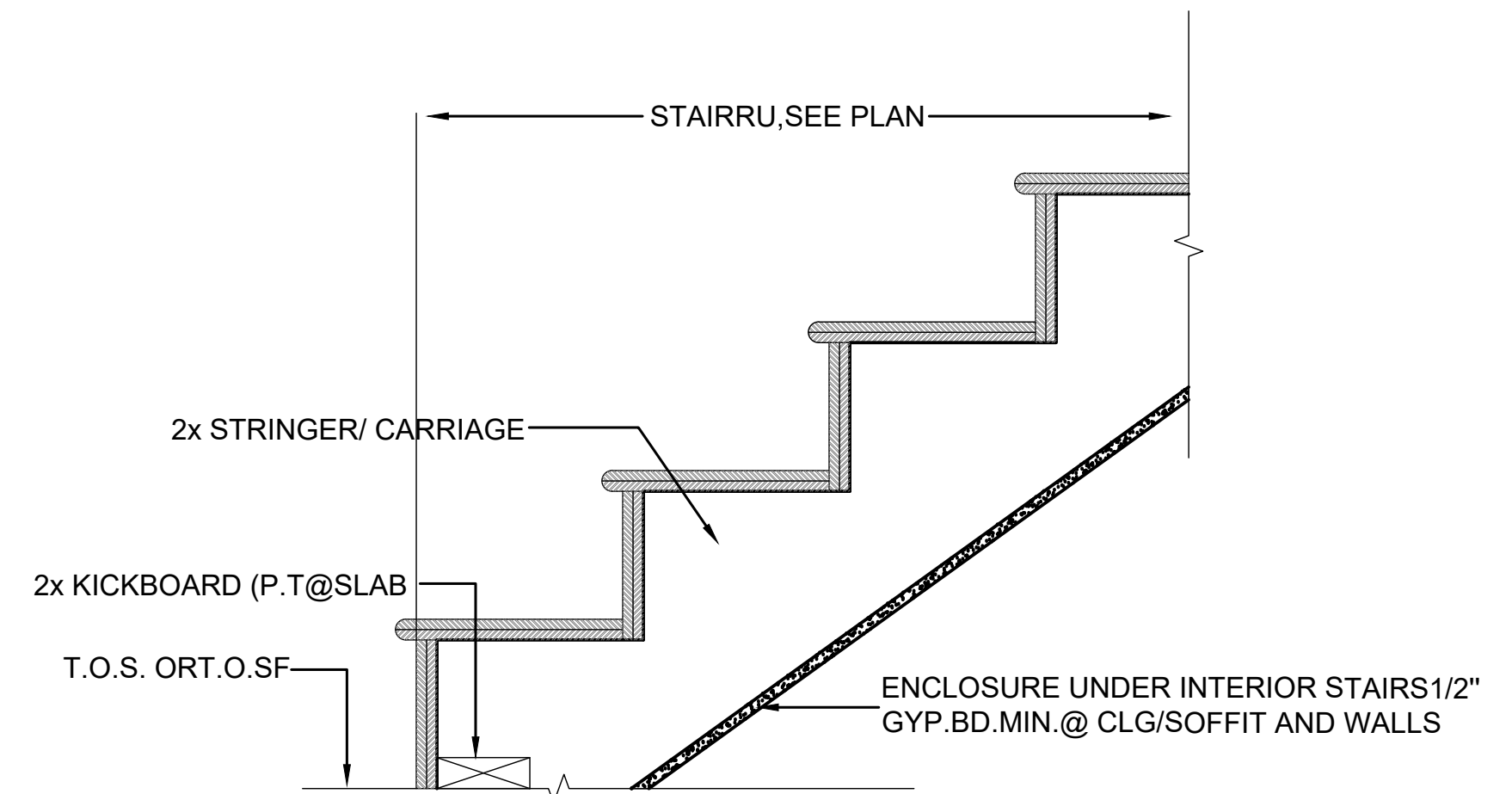




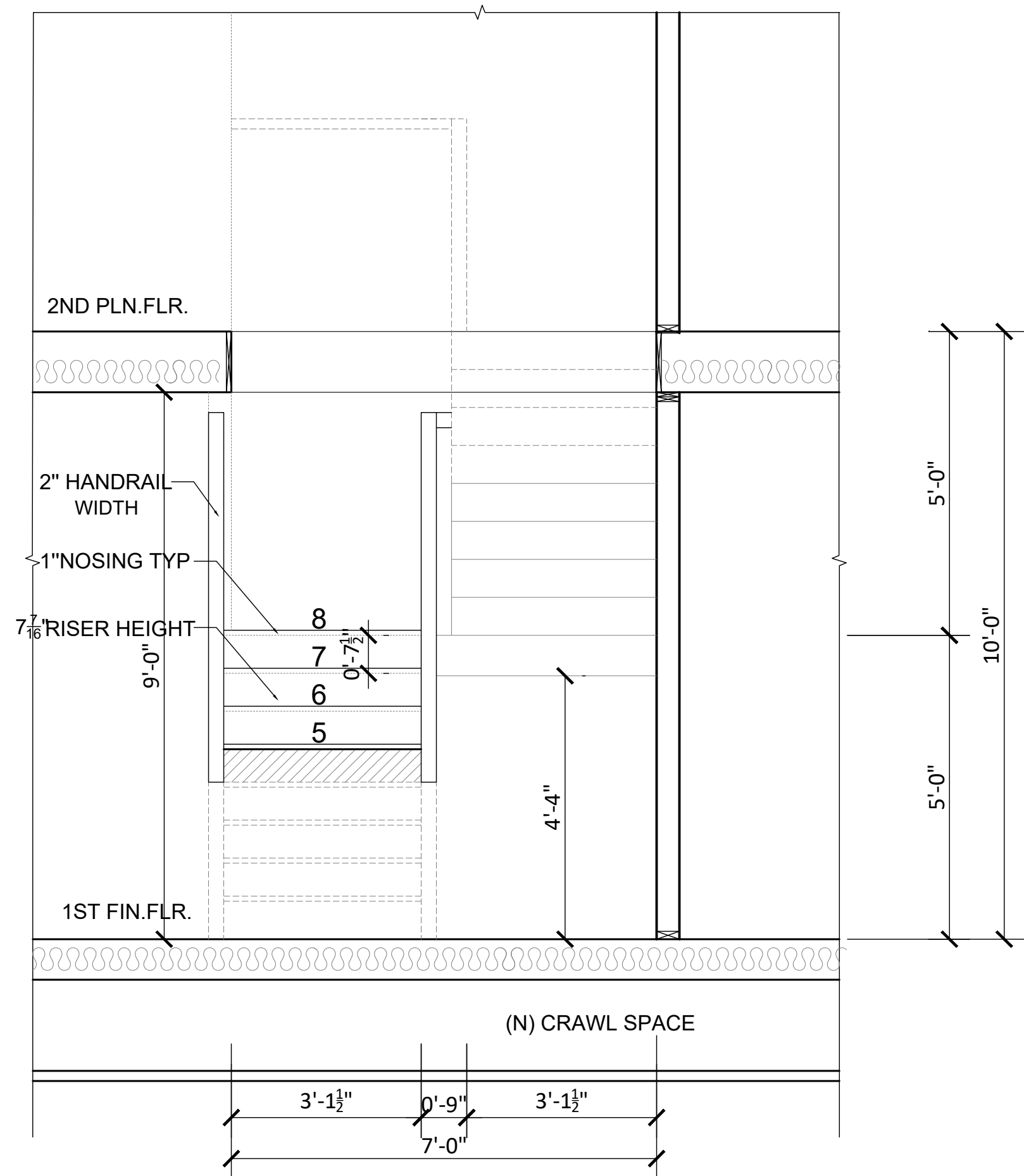
**1st FLOOR PLAN**  
SCALE: 1/2"=1'-0"



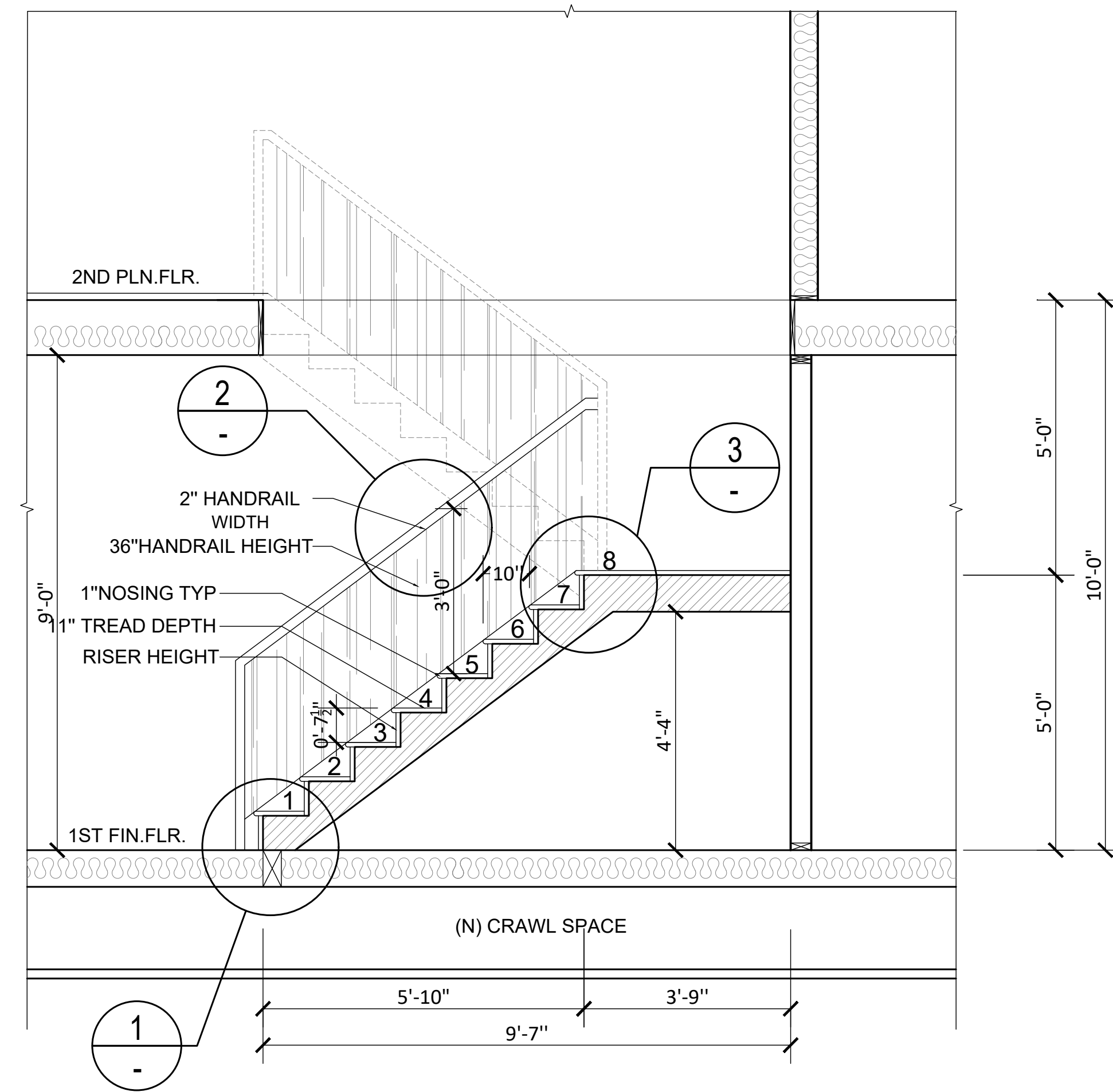
**2nd FLOOR PLAN**  
SCALE: 1/2"=1'-0"



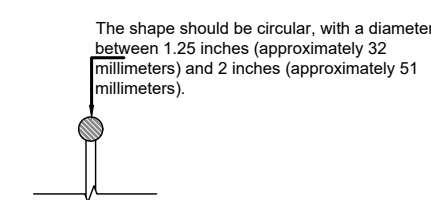
**1 UP STRINGER @ WD STAIRS AND LANDINGS**  
SCALE: 1 1/2"=1'-0"



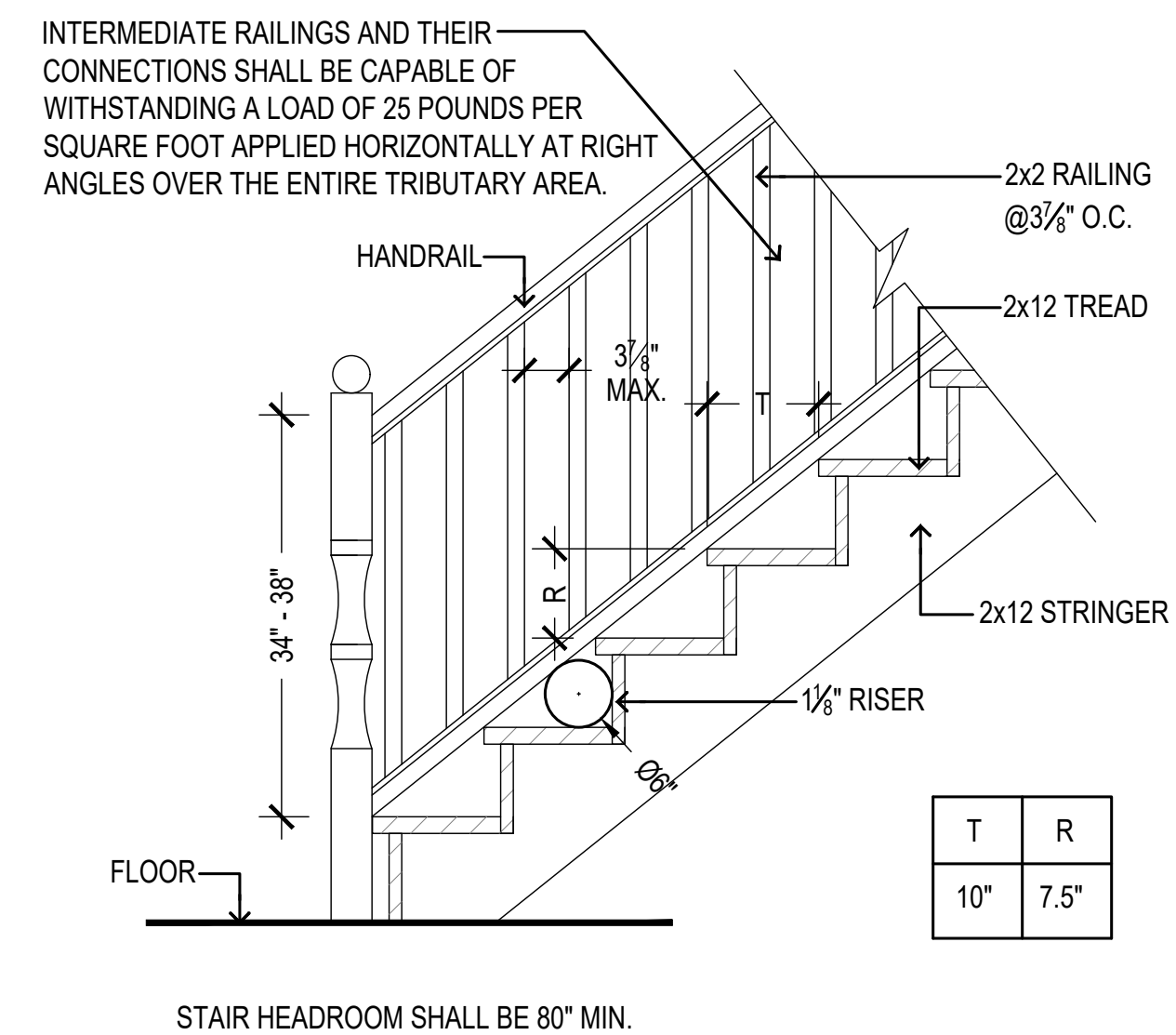
**A-A STAIR DETAIL**  
SCALE: 1/2"=1'-0"



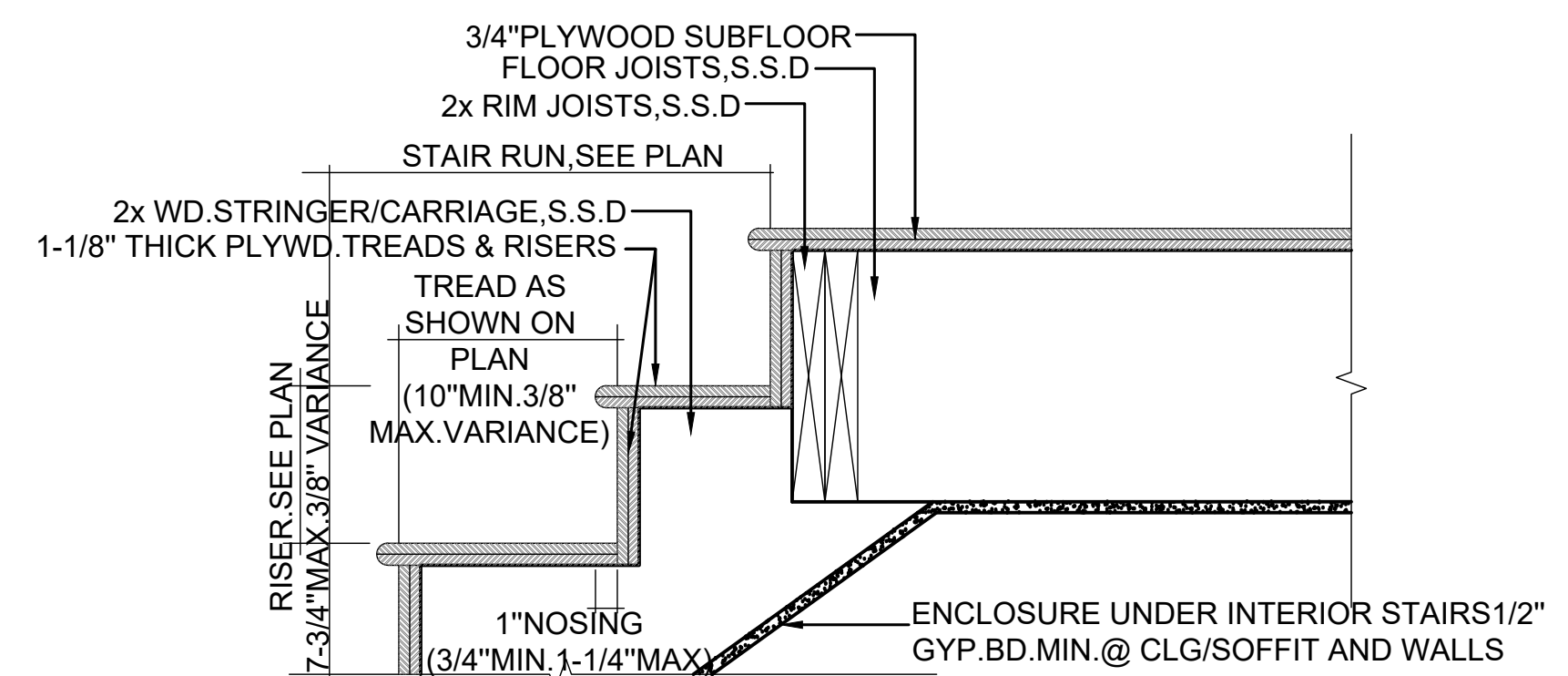
**B-B STAIR DETAIL**  
SCALE: 1/2"=1'-0"



**4 HANDRAIL DETAIL**  
SCALE: 3/4"=1'-0"



**2 INTERIOR STAIR DETAIL**  
SCALE: 3/4"=1'-0"



**3 TOP OF STAIR**  
SCALE: 1 1/2"=1'-0"

REVISION	BY

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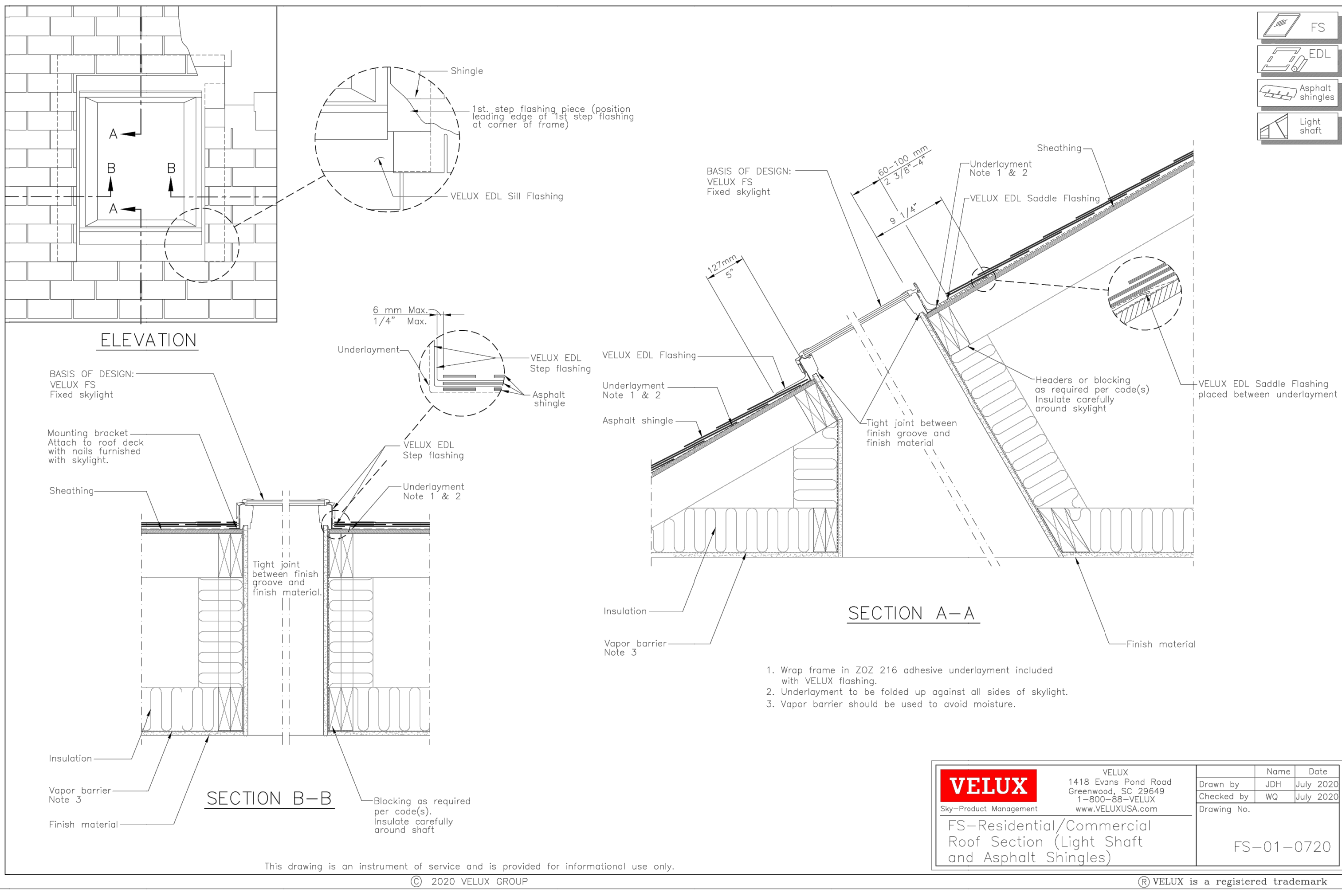


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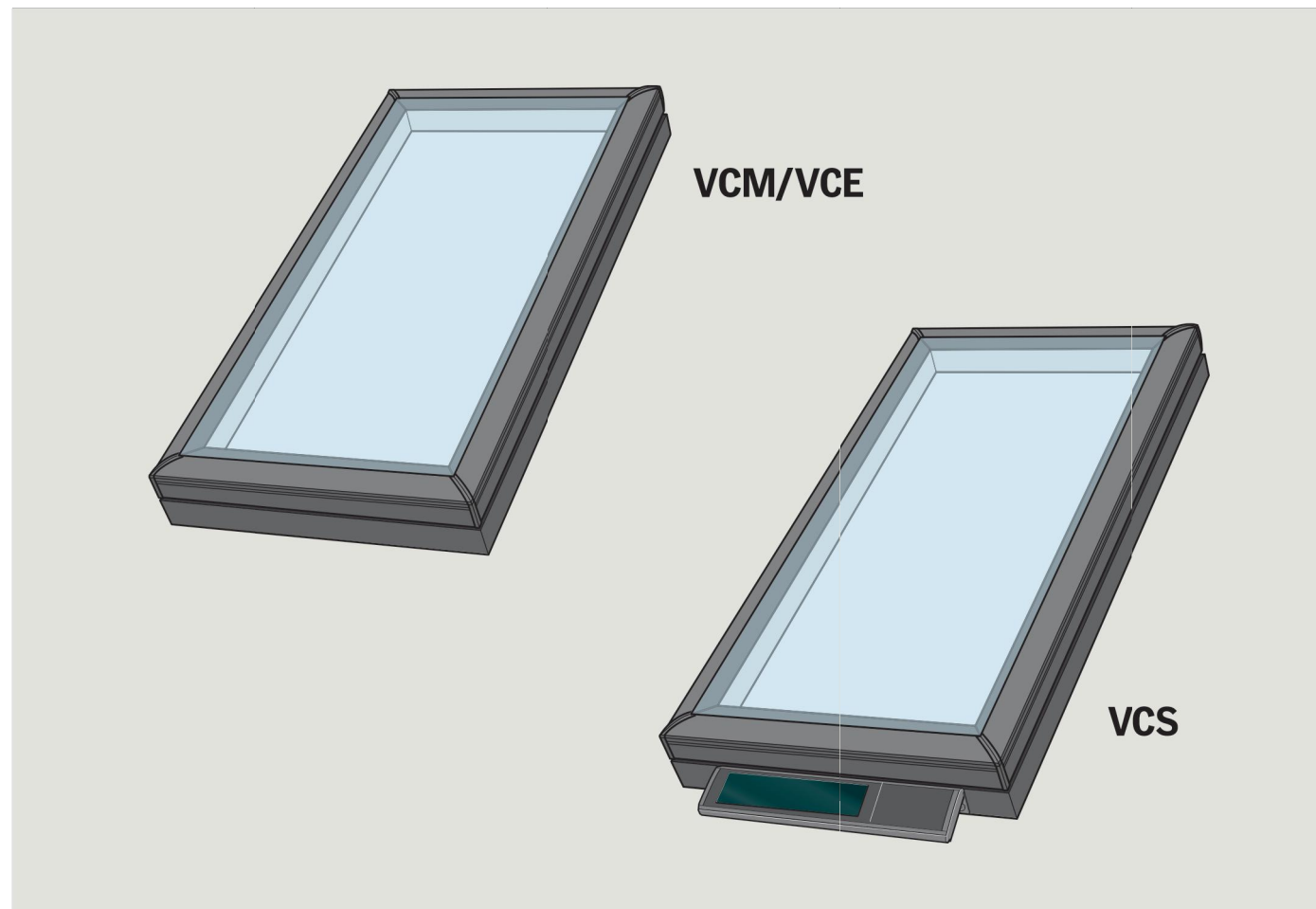
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## VELUX® VCM VELUX INTEGRA® VCE VELUX INTEGRA® Solar VCS



**ENGLISH:** VCM, VCE and VCS Ventilated Curb Mounted Skylight Installation Instructions  
**ESPAÑOL:** Instrucciones de instalación para tragaluz de ventilación VCM, VCE et VCS montado en brocal  
**FRANÇAIS:** Instructions d'installation du puits de lumière ouvrant VCM, VCE y VCS monté sur cadre

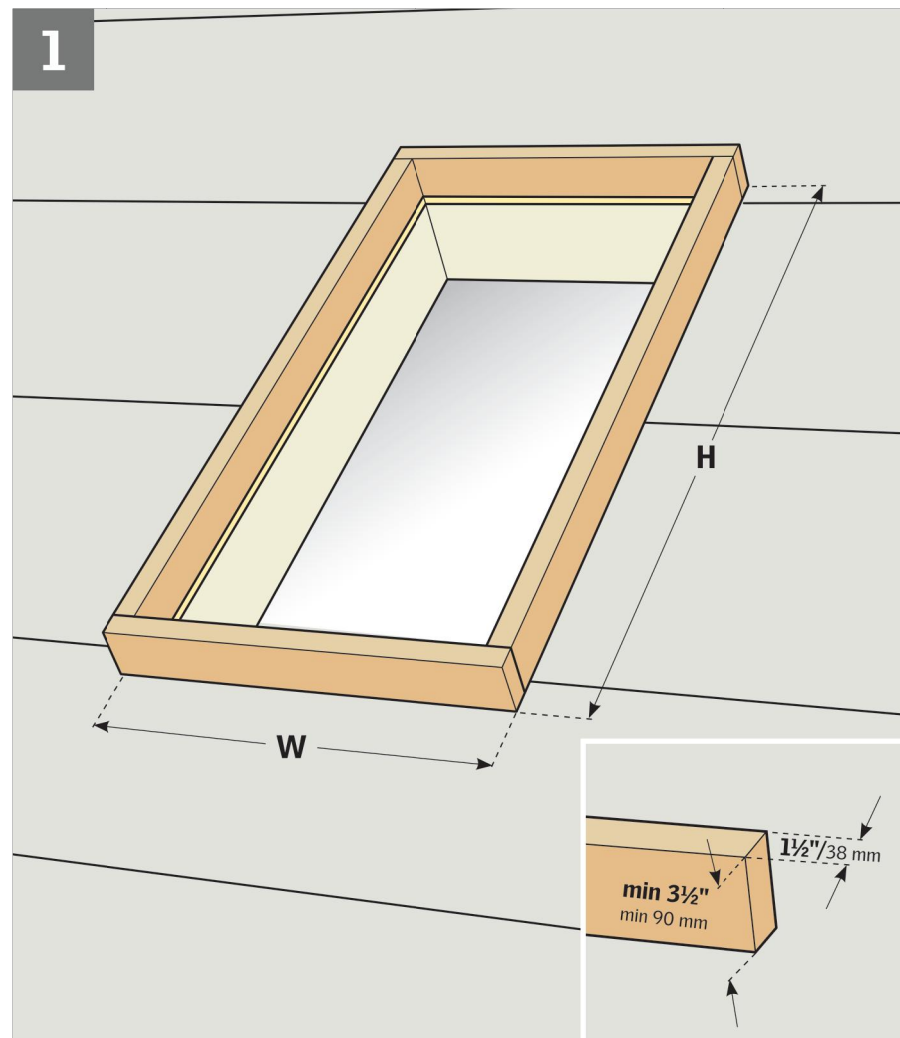


**ENGLISH:** Build curb according to measurements in the chart. Use lumber with an actual thickness of 1½" (38 mm) and a minimum height of 3½" (90 mm). Curb height and attachment should comply with building codes and regulations and be secure enough to transfer the skylight loads to the framing members.  
**Note:** Skylight VCS and VCE cannot be rotated. The skylight operator has to be installed at the bottom of skylight curb.

**ESPAÑOL:** Construya el brocal de acuerdo con las mediciones de la tabla. Use madera con un grosor real de 1½" (38 mm) y una altura mínima de 3½" (90 mm). La altura y sujeción del brocal deben respetar los códigos y normas de construcción y estar bien fijados para transferir las cargas del tragaluz a los elementos del armazón.  
**Note:** El tragaluz VCS y VCE no puede rotarse. El motor de apertura del tragaluz debe instalarse en la parte inferior del brocal del tragaluz.

**FRANÇAIS:** Construisez un cadre selon les dimensions indiquées au diagramme. Utilisez du bois de 1½" (38 mm) de largeur réelle et d'une hauteur minimale de 3½" (90 mm). La hauteur du cadre et les raccordements doivent respecter les exigences de la réglementation du Code du bâtiment et être suffisamment sécuritaires pour recevoir le poids de la structure du puits de lumière.  
**Note:** Le puits de lumière VCS et VCE ne peut pas être inversé. Le moteur d'ouverture doit être installé sur la partie inférieure du cadre.

Skylight size Tamaño del tragaluz Taille du puits de lumière	Outside curb dimensions Dimensiones exteriores del brocal Dimensions extérieures du cadre W x H
2222	25½" x 25½" 648 mm x 648 mm
2234	25½" x 37½" 648 mm x 952 mm
2246	25½" x 49½" 648 mm x 1257 mm
3030	33½" x 33½" 851 mm x 851 mm
3046	33½" x 49½" 851 mm x 1257 mm
3434	37½" x 37½" 952 mm x 952 mm
4622 VCS only	49½" x 25½" 1257 mm x 648 mm
4646	49½" x 49½" 1257 mm x 1257 mm



12 VELUX®

## EVALUATION REPORT

Number: 199

Originally Issued: 10/08/2010 Revised: 07/12/2024 Valid Through: 09/30/2025

TABLE 1 – VELUX FS Skylights – Glass Weight = 5 psf						
Skylight Description		NAFS Performance Grades		Other NAFS Designators		
Size Code	Unit size <sup>(1)</sup> (inches)	Download (PG <sub>Down</sub> )	Uplift (PG <sub>Up</sub> )	Primary	Maximum Air Leakage <sup>(2)</sup>	Max. Pressure with No Water Penetration <sup>(2)</sup>
A06	14½ x 45-3/4					
C01	21 x 26-7/8					
C04	21 x 37-7/8					
C06	21 x 45-3/4					
C08	21 x 54-7/16					
D06	22½ x 22-15/16	+11,491 Pa (+240 psf)	-5,027 Pa (-105 psf)	SKG-PG105 768x1390 (30.25x54.75)	0.05 L/a/m² (<0.01 cfm/ft²)	720 Pa (15 psf)
D06	22½ x 45-3/4					
M02	30-1/16 x 30					
M04	30-1/16 x 37-7/8					
M06	30-1/16 x 45-3/4					
M08	30-1/16 x 54-7/16					
S01	44½ x 26-7/8	+15,800 Pa (+330 psf)	-3,355 Pa (-70 psf)	SKG-PG70 1130x1162 (44.5x45.75)	0.05 L/a/m² (<0.01 cfm/ft²)	720 Pa (15 psf)
S06	44-1/4 x 45-3/4					

<sup>(1)</sup> Rough opening dimensions  
<sup>(2)</sup> Based on tested size indicated in Primary Designator

TABLE 2 – VELUX VS, VSE and VSS Skylights – Glass Weight = 5 psf						
Skylight Description		NAFS Performance Grades		Other NAFS Designators		
Size Code	Unit size <sup>(1)</sup> (inches)	Downward (PG <sub>Down</sub> )	Uplift (PG <sub>Up</sub> )	Primary	Maximum Air Leakage <sup>(2)</sup>	Max. Pressure with No Water Penetration <sup>(2)</sup>
C01	21 x 26-7/8					
C04	21 x 37-7/8					
C06	21 x 45-3/4					
C08	21 x 54-7/16					
M02	30-1/16 x 30-1/2					
M04	30-1/16 x 37-7/8					
M06	30-1/16 x 45-3/4					
M08	30-1/16 x 54-7/16					
S01	44-1/4 x 26-7/8	+14,440 Pa (+300 psf)	-3,120 Pa (-65 psf)	SKG-PG65 1194x1238 (47x48)	0.3 L/a/m² (0.05 cfm/ft²)	720 Pa (15 psf)
S06	44-1/4 x 45-3/4					

<sup>(1)</sup> Rough opening dimensions  
<sup>(2)</sup> Based on tested size indicated in Primary Designator

TABLE 3: Deck Mount Skylights – Energy, Light and Comfort				
Model/Glazing	U-Factor (Btu/ft²·F·hr)	Solar Heat Gain Coefficient (SHGC)	Visible Transmittance (VT)	Condensation Resistance (CR)
FS...04	0.44	0.26	0.60	51
FS...06	0.41	0.26	0.60	51
FS...08	0.44	0.25	0.54	51
FS...09	0.38	0.25	0.59	43
VS...04	0.43	0.23	0.53	53
VS...06	0.41	0.23	0.53	55
VS...08	0.43	0.23	0.47	53
VS...09	0.38	0.22	0.52	44

U-factors and Solar Heat Gain Coefficient, Visible Transmittance have been determined in accordance with NFRC 100 and NFRC 200, respectively by an accredited, independent laboratory, and labeled and certified by the manufacturer.  
Condensation Resistance has been determined in accordance with NFRC 500 by an accredited, independent laboratory, and labeled and certified by the manufacturer.

FS Tested Performance Information					
Glass Description (VELUX Glazing Code)	Laminated (04)	Impact (06)	White-Laminated (08)	Snowload (10)	Laminated i89 (89)
Thermal Performance (All listed thermal performance values are NFRC certified)					
U-Factor (Btu/hr·ft²·°F)	0.44	0.42	0.44	0.43	0.38
SHGC	0.26	0.26	0.25	0.26	0.25
VT	0.60	0.60	0.54	0.59	0.59
UV Protection % (300-380 nm)	99.9	99.9	99.9	99.9	99.9
Fading Protection % Krichmann Damage Function (300-600 nm)	83.1	84.6	88.4	83.2	85.1
Acoustical Ratings					
STC (Sound Transmission Class)	32	n.r.	32	n.r.	32
OITC (Outdoor-Indoor Transmission Class)	27	n.r.	27	n.r.	27
Certified Air Infiltration/Exfiltration					
CFM/ft²	0.01	0.02	0.01	0.11	0.01
Certified Water Resistance					
Lbs/ft²	15	15	15	15	15
Certified Structural Performance (lbs/ft²) Performance Grade or DP in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-17					
Tested Size	Negative Design Pressure - Uplift (Hurricane)				
S06	70	50	70	65	70
M08	105	90	105	100	105
C06	n.r.	n.r.	n.r.	65	n.r.
Tested Size	Positive Design Pressure - Download (Snowload)				
S06	330	180	330	720	330
M08	240	200	240	640	240
C06	n.r.	n.r.	n.r.	1350	n.r.
Fall Protection Testing Results					
Tested Size	Testing is 200 lb sandbag dropped from indicated height to middle of glass without glass breakage.				
S06	1200 lbf-ft (6' drop)	1200 lbf-ft* (6' drop)	1200 lbf-ft* (6' drop)	n.r.	1200 lbf-ft* (6' drop)
M08	n.r.	n.r.	n.r.	n.r.	n.r.
Wind-Borne Debris Impact Ratings for Impact (06) Glazing					
Tested Size	Cycle Pressure (psf)	Missile Level	Maximum Wind Zone	Florida Product Approval	High Velocity Hurricane Zone
S06	+/- 50	C	3	Yes	No
M08	+/- 50	C	3	Yes	No

\* Indicates that the Laminated glass (04) test report should also cover this indicated glazing as it is equal to or stronger than the Laminated glazing n.r. = No report

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NEW HOUSE  
229 Bancroft Rd,  
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APN: 029263060

MANUFACTURE'S  
SPECIFICATIONS

Owner:  
HONGZHI LIANG  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com



Date 01-10-2025  
Scale 1/4"=1'-0"  
Drawn ZHONGLV Y.  
Job  
Sheet

A-5.0  
Of Sheets



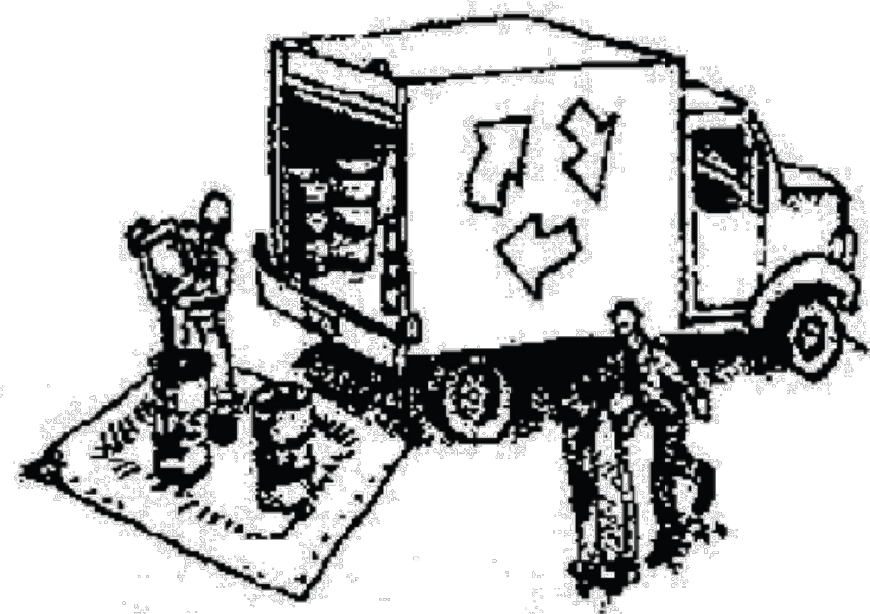




# Construction Best Management Practices (BMPs)

Construction projects are required to implement the stormwater best management practices (BMP) on this page, as they apply to your project, all year long.

## Materials & Waste Management



### Non-Hazardous Materials

- ☐ Berm and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or if not actively being used within 14 days.
- ☐ Use (but don't overuse) reclaimed water for dust control.

### Hazardous Materials

- ☐ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state and federal regulations.
- ☐ Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.
- ☐ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ☐ Arrange for appropriate disposal of all hazardous wastes.

### Waste Management

- ☐ Cover waste disposal containers securely with tarps at the end of every work day and during wet weather.
- ☐ Check waste disposal containers frequently for leaks and to make sure they are not overfilled. Never hose down a dumpster on the construction site.
- ☐ Clean or replace portable toilets, and inspect them frequently for leaks and spills.
- ☐ Dispose of all wastes and debris properly. Recycle materials and wastes that can be recycled (such as asphalt, concrete, aggregate base materials, wood, gyp board, pipe, etc.)
- ☐ Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste.

### Construction Entrances and Perimeter

- ☐ Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- ☐ Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets to clean up tracking.

## Equipment Management & Spill Control



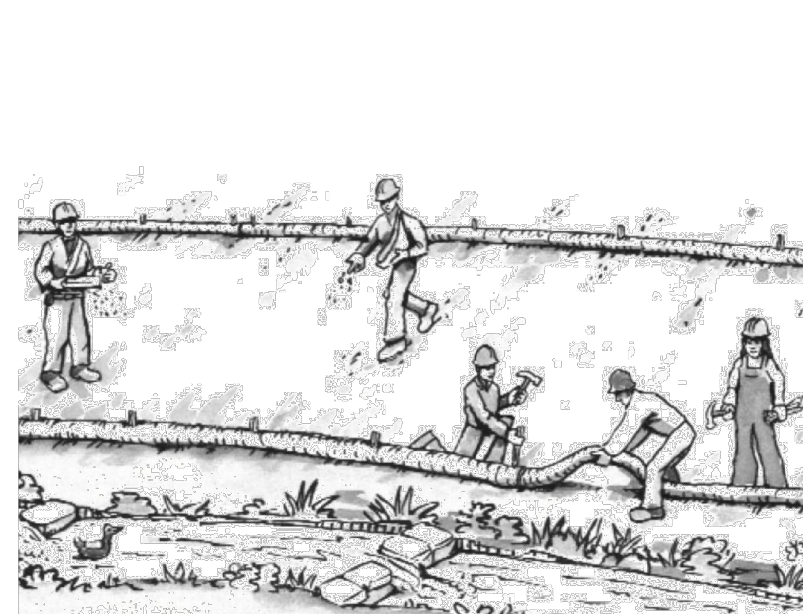
### Maintenance and Parking

- ☐ Designate an area, fitted with appropriate BMPs, for vehicle and equipment parking and storage.
- ☐ Perform major maintenance, repair jobs, and vehicle and equipment washing off site.
- ☐ If refueling or vehicle maintenance must be done onsite, work in a bermed area away from storm drains and over a drip pan or drop cloths big enough to collect fluids. Recycle or dispose of fluids as hazardous waste.
- ☐ If vehicle or equipment cleaning must be done onsite, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or surface waters.
- ☐ Do not clean vehicle or equipment onsite using soaps, solvents, degreasers, or steam cleaning equipment.

### Spill Prevention and Control

- ☐ Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction site at all times.
- ☐ Inspect vehicles and equipment frequently for and repair leaks promptly. Use drip pans to catch leaks until repairs are made.
- ☐ Clean up spills or leaks immediately and dispose of cleanup materials properly.
- ☐ Do not hose down surfaces where fluids have spilled. Use dry cleanup methods (absorbent materials, cat litter, and/or rags).
- ☐ Sweep up spilled dry materials immediately. Do not try to wash them away with water, or bury them.
- ☐ Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- ☐ Report significant spills immediately. You are required by law to report all significant releases of hazardous materials, including oil. To report a spill: 1) Dial 911 or your local emergency response number, 2) Call the Governor's Office of Emergency Services Warning Center, (800) 852-7550 (24 hours).

## Earthmoving

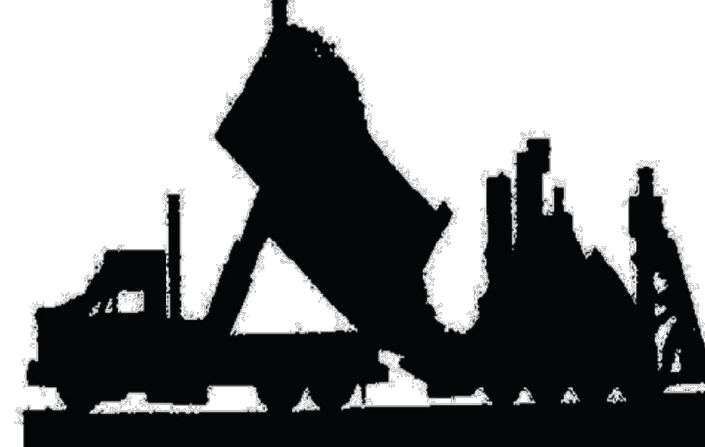


- ☐ Schedule grading and excavation work during dry weather.
- ☐ Stabilize all denuded areas, install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established.
- ☐ Remove existing vegetation only when absolutely necessary, and seed or plant vegetation for erosion control on slopes or where construction is not immediately planned.
- ☐ Prevent sediment from migrating offsite and protect storm drain inlets, gutters, ditches, and drainage courses by installing and maintaining appropriate BMPs, such as fiber rolls, silt fences, sediment basins, gravel bags, berms, etc.
- ☐ Keep excavated soil on site and transfer it to dump trucks on site, not in the streets.

### Contaminated Soils

- ☐ If any of the following conditions are observed, test for contamination and contact the Regional Water Quality Control Board:
  - Unusual soil conditions, discoloration, or odor.
  - Abandoned underground tanks.
  - Abandoned wells
  - Buried barrels, debris, or trash.

## Paving/Asphalt Work

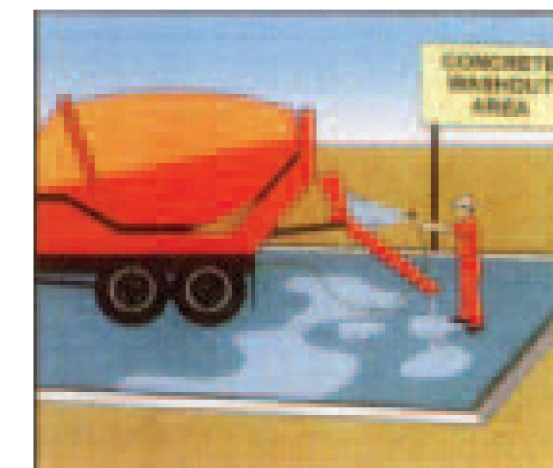


- ☐ Avoid paving and seal coating in wet weather or when rain is forecast, to prevent materials that have not cured from contacting stormwater runoff.
- ☐ Cover storm drain inlets and manholes when applying seal coat, tack coat, slurry seal, fog seal, etc.
- ☐ Collect and recycle or appropriately dispose of excess abrasive gravel or sand. Do NOT sweep or wash it into gutters.
- ☐ Do not use water to wash down fresh asphalt concrete pavement.

### Sawcutting & Asphalt/Concrete Removal

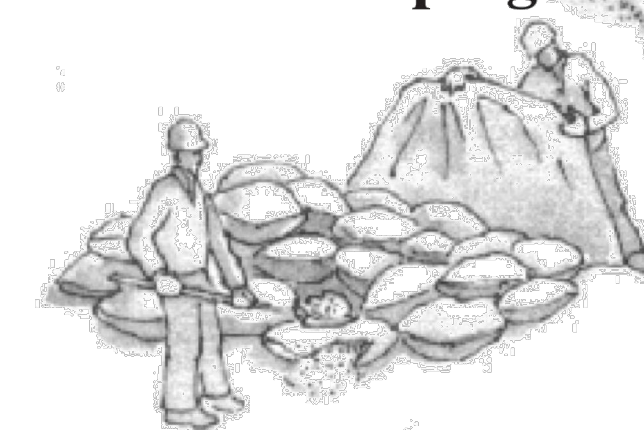
- ☐ Protect nearby storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or gravel bags to keep slurry out of the storm drain system.
- ☐ Shovel, absorb, or vacuum saw-cut slurry and dispose of all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ☐ If sawcut slurry enters a catch basin, clean it up immediately.

## Concrete, Grout & Mortar Application



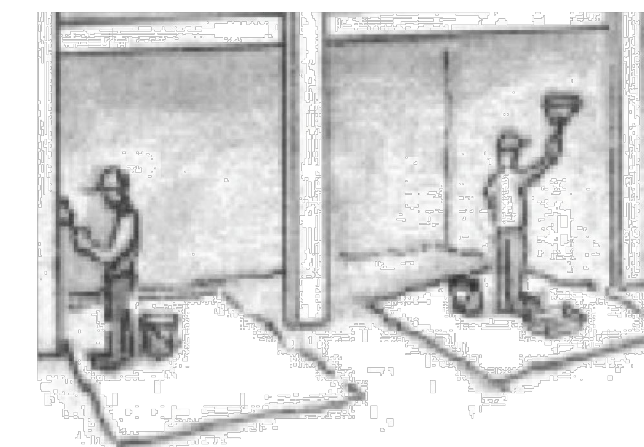
- ☐ Store concrete, grout, and mortar away from storm drains or waterways, and on pallets under cover to protect them from rain, runoff, and wind.
- ☐ Wash out concrete equipment/trucks offsite or in a designated washout area, where the water will flow into a temporary waste pit, and in a manner that will prevent leaching into the underlying soil or onto surrounding areas. Let concrete harden and dispose of as garbage.
- ☐ When washing exposed aggregate, prevent washwater from entering storm drains. Block any inlets and vacuum gutters, hose washwater onto dirt areas, or drain onto a bermed surface to be pumped and disposed of properly.

## Landscaping



- ☐ Protect stockpiled landscaping materials from wind and rain by storing them under tarps all year-round.
- ☐ Stack bagged material on pallets and under cover.
- ☐ Discontinue application of any erodible landscape material within 2 days before a forecast rain event or during wet weather.

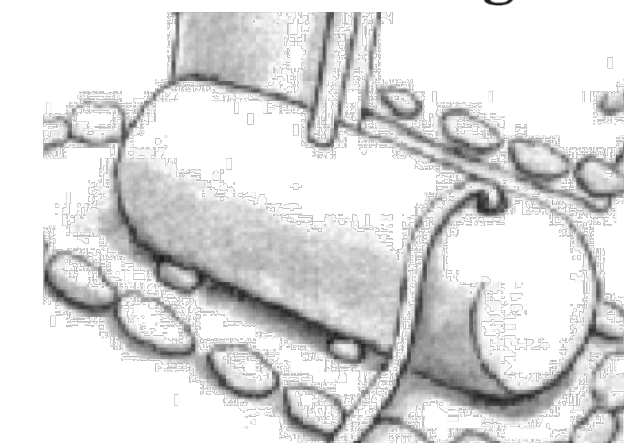
## Painting & Paint Removal



### Painting Cleanup and Removal

- ☐ Never clean brushes or rinse paint containers into a street, gutter, storm drain, or stream.
- ☐ For water-based paints, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer. Never pour paint down a storm drain.
- ☐ For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of excess liquids as hazardous waste.
- ☐ Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed of as trash.
- ☐ Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury, or tributyltin must be disposed of as hazardous waste. Lead based paint removal requires a state-certified contractor.

## Dewatering



- ☐ Discharges of groundwater or captured runoff from dewatering operations must be properly managed and disposed. When possible send dewatering discharge to landscaped area or sanitary sewer. If discharging to the sanitary sewer call your local wastewater treatment plant.
- ☐ Divert run-on water from offsite away from all disturbed areas.
- ☐ When dewatering, notify and obtain approval from the local municipality before discharging water to a street gutter or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ☐ In areas of known or suspected contamination, call your local agency to determine whether the ground water must be tested. Pumped groundwater may need to be collected and hauled off-site for treatment and proper disposal.

**Storm drain polluters may be liable for fines of up to \$10,000 per day!**

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CONSTRUCTION BEST MANAGEMENT PRACTICES	
Owner: HONGZHI LIANG Tel: 650-888-1083 EMAIL: lianghongzhi1388@gmail.com	
	
Date	01-10-2025
Scale	1/4"=1'-0"
Drawn	ZHONGLV Y.
Job	
Sheet	A-6.0
Of	Sheets



ELECTRICAL LEGEND

- LIGHT SWITCH
- THREE WAY LIGHT SWITCH
- LIGHT SWITCH WITH DIMMER
- LIGHT SWITCH WITH TIMER
- ELEC DUPLEX AFI OUTLET
- WATERPROOF G.F.I. DUPLEX OUTLET
- G.F.I. DUPLEX OUTLET

MISC. LEGEND

- HVAC REGISTER
- SMOKE DETECTOR
- CARBON MONOXIDE ALARM
- VACANCY SENSOR PER 150. (K) 2j CEC
- EXHAUST FAN W/ LED
- PHOTOELECTRIC SMOKE ALARM

NOTE:

THE REQUIRED SMOKE DETECTORS AND THE CARBON MONOXIDE ALARMS PER CRC R314& R315.

THE SERVICE PANEL OR SUBPANEL CIRCUIT DIRECTORY SHALL IDENTIFY THE OVERCURRENT PROTECTIVE DEVICE SPACE (S) RESERVED FOR EV CHARGING PURPOSES IN ACCORDANCE WITH THE CEC.

RODENT PROOFING. ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, ETC. SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS.

NATURAL GAS SHALL NOT BE ALLOWED. THE FOLLOWING LIST OF ITEMS SHALL BE ELECTRIC INSTALLATION: SPACE-CONDITIONED EQUIPMENT, CLOTHES DYERS, COOKING APPLIANCES AND FIREPLACES AND FIRE PITs.

WATER-HEATING SYSTEMS AND EQUIPMENT SHOULD BE ELECTRIC OR SOLAR.

Electrical Load Calculation				
General Electrical Load Requirements	Load	Quantity	Total Load	
General Lighting (soft of the Home)	3	2930	8,790	Volt-Amps
Small Appliances Circuits	1,500	2	3,000	Volt-Amps
Laundry Circuit	1,500	1	1,500	Volt-Amps
Fixed Appliances				
Elec.oven	2,500	1	2,500	Volt-Amps
Elec. Range	1,000	1	1,000	Volt-Amps
Microwave	1,500	1	1,500	Volt-Amps
Dishwasher	600	1	600	Volt-Amps
Disposal	800	1	800	Volt-Amps
Waterheater	4,500	1	4,500	Volt-Amps
		Sub-total	24,190	Volt-Amps
First 10,000 VA @100%			10,000	Volt-Amps
Adjustment 40% of Remainder			5,676	Volt-Amps
		Sub-total	15,676	Volt-Amps
Heating /Air Conditiaining				
Heat Pump (Heating & Cooling)	3,000	1	3,000	Volt-Amps
			3,000	Volt-Amps
EV charge				
EV charge	7,200	1	7,200	Volt-Amps
			7,200	Volt-Amps
		Sub-total	25,876	Volt-Amps
Calculated Total VA Load			108	Amperes
Calculated Total Amps Load			200	Amperes
Electrical Panel Selected				

GENERAL LIGHTING REQUIREMENTS:

- A. ALL INSTALLED LUMINAIRES SHALL MEET THE REQUIREMENTS OF CEC TABLE 150.0-A
- B. BATHROOMS, GARAGE, LAUNDRY ROOMS, AND UTILITY ROOMS SHALL HAVE AT LEAST ONE LUMINAIRE CONTROLLED BY A VACANCY OR OCCUPANCY SENSOR PROVIDING AUTOMATIC-OFF FUNCTIONALITY [CEC 150.0(K)2]. IF AN OCCUPANT SENSOR IS INSTALLED, IT SHALL BE INITIALLY CONFIGURED TO MANUAL-ON OPERATION
- C. EXTERIOR LUMINAIRES ARE TO HAVE A MANUAL ON/OFF SWITCH AND BE CONTROLLED BY A PHOTOCELL AND MOTION SENSOR OR A PHOTOCELL AND TIME SWITCH [CEC 150.0(K)3A].
- D. ALL OTHER LUMINAIRES THAT CONTAIN LIGHT SOURCES THAT MEET REFERENCE JOINT APPENDIX JA8 REQUIREMENTS ARE TO BE CONTROLLED BY A VACANCY/OCCUPANCY SENSOR OR DIMMER [CEC 150.0(K)2].
- E. CLOSETS WITH AN AREA LESS THAN 70 FT2 AND HALLWAY LIGHTING ARE EXEMPT FROM THIS REQUIREMENT

AFCI RECEPTACLES SHOULD BE INSTALLED IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, BEDROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS AND AREAS.

RECESSED DOWN LIGHTING TO MEET THE FOLLOWING REQUIREMENTS [CEC 150.0(K)1.C]:

- A. LUMINAIRES SHALL BE HIGH EFFICACY AND MEET THE REQUIREMENTS OF CEC TABLE 150.0A
- B. BE LISTED FOR ZERO CLEARANCE INSULATION CONTACT
- C. AIRTIGHT WITH AIR LEAKAGE LESS THAN 2.0 CFM AT 75PASCALS
- D. BE SEALED WITH A GASKET OR CAULK BETWEEN THE LUMINAIRE HOUSING AND CEILING
- E. SHALL NOT CONTAIN SCREW BASED SOCKETS

LIGHTING NOTES:

ALL NEW LIGHT FIXTURES AND COMPONENTS MUST COMPLY WITH CALIFORNIA ENERGY CODE - THE ENERGY EFFICIENCY STANDARDS. ALL INSTALLED LUMINARIES SHALL BE HIGH EFFICACY AND MEET THE REQUIEREMENT OF CEC TABLE 150.0A.

SUCH AS: DIMMER SWITCHES, OCCUPANT SENSORS AND FLUORESCENT LIGHTING AS REQUIRED FOR COMPLIANCE PER LIGHTING MANDATORY MEASURES.

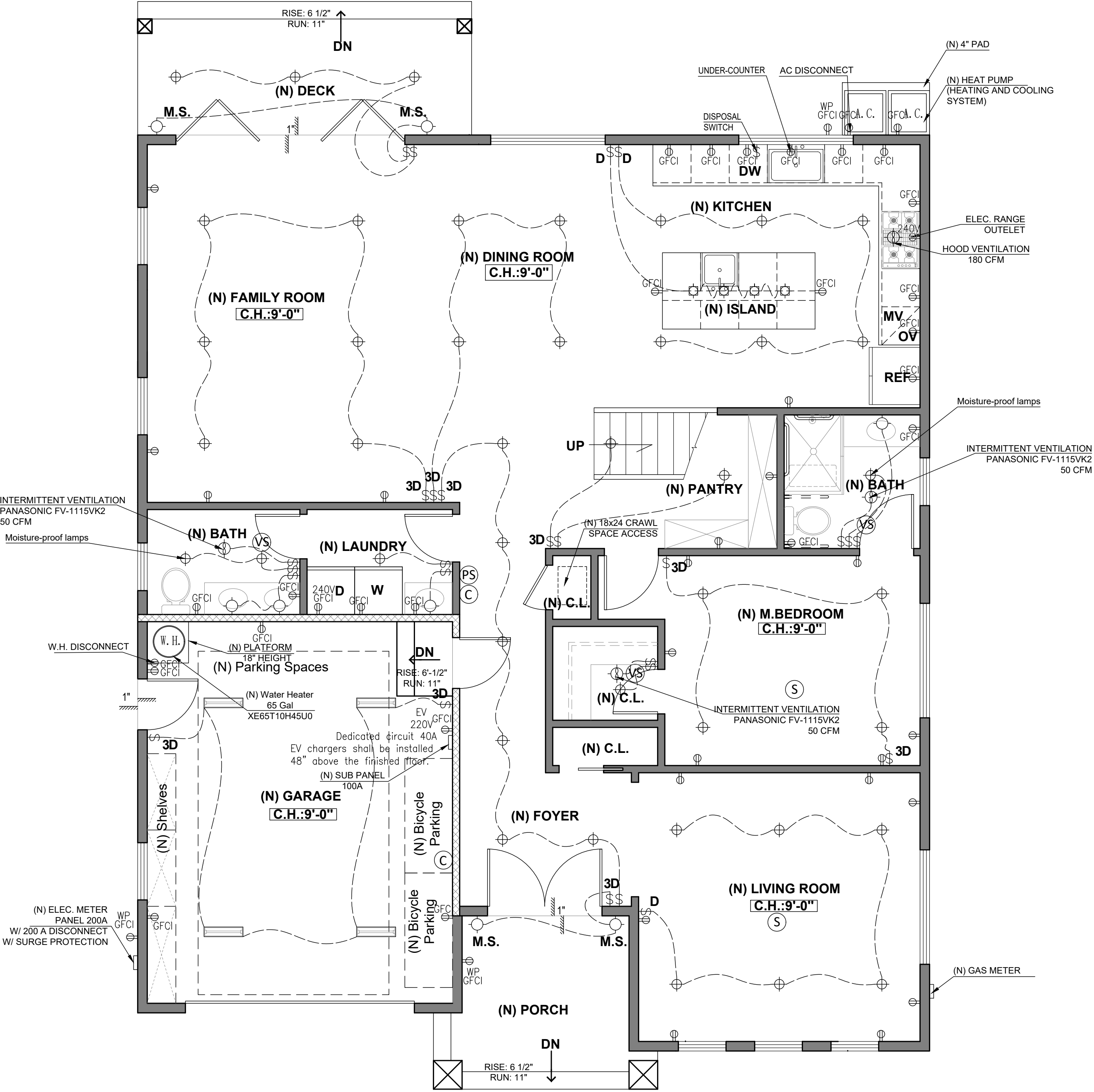
- 1.ALL ELECTRICAL LIGHT FIXTURES TO BE SELECTED BY OWNER.
- 2.COORDINATE LIGHT FIXTURE LOCATIONS IN FIELD WITH OWNER.
- 3.LOCATE OUTLETS / PLUGS ACCORDING TO PLAN. COORDINATE WITH FRAMING.
- 4.EXHAUST FANS TO EXTERIOR TO PROVIDE MINIMUM 50 CFM INTERMITTENT OR 20 CFM CONTINUOUS VENTILATION. EXHAUST FANS SHOULD WITH HUMIDITY SENSOR.

ELECTRICAL NOTES:

1. ALL 125-VOLT, 15-AND 20-AMPERE RECEPTACLE OUTLETS SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES.
2. ARC-FAULT CIRCUIT INTERRUPTER (AFCI) PROTECTED RECEPTACLES SHALL BE INSTALLED IN KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, BEDROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS.
3. ALL AC INSTALLED SHALL BE ENFORCE UNDER CHAPTER 7 OF THE SMMC SECTION 07.30.040. MAXIMUM PERMISSIBLE SOUND LEVEL. IF IT IS FOUND TO BE IN VIOLATION OF SMMC WHILE IN USE, THE PROPERTY OWNER WILL NEED TO MAKE ALTERATIONS TO ABATE THE NUISANCE.
4. ELECTRICAL RECEPTACLE OUTLETS, SWITCHES,AND CONTROLS (INCLUDING CONTROLS FOR HEATING, VENTILATION, AND AIR CONDITION)INTENDED TO BE USE BY OCCUPANTS SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE OUTLET BOX AND NOT LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE OUTLET BOX ABOVE THE FINISH FLOOR.

- Exceptions:
1. DEDICATED RECEPTACLE OUTLETS; FLOOR RECEPTACLE OUTLETS; CONTROLS MOUNTED ON CEILING FANS AND CEILING LIGHTS; AND CONTROLS LOCATED ON APPLIANCES.
2. RECEPTACLE OUTLETS REQUIRED BY THE CALIFORNIA ELECTRICAL CODE ON A WALL SPACE WHERE THE DISTANCE BETWEEN THE FINISHED FLOOR AND A BUILT-IN FEATURE ABOVE THE FINISH FLOOR, SUCH AS A WINDOW, IS LESS THAN 15 INCHES (381 MM).
5. THE NEW MAIN ELECTRICAL PANEL SHALL HAVE A TYPE 2 (LOAD-SIDE) SURGE-PROTECTIVE DEVICE (SPD)
6. ELECTRICAL RECEPTACLE OUTLETS, SWITCHES,AND CONTROLS (INCLUDING CONTROLS FOR HEATING, VENTILATION, AND AIR CONDITION)INTENDED TO BE USE BY OCCUPANTS SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE OUTLET BOX AND NOT LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE OUTLET BOX ABOVE THE FINISH FLOOR.

- EXCEPTIONS:
- 6.1 DEDICATED RECEPTACLE OUTLETS; FLOOR RECEPTACLE OUTLETS; CONTROLS MOUNTED ON CEILING FANS AND CEILING LIGHTS; AND CONTROLS LOCATED ON APPLIANCES.
- 6.2 RECEPTACLE OUTLETS REQUIRED BY THE CALIFORNIA ELECTRICAL CODE ON A WALL SPACE WHERE THE DISTANCE BETWEEN THE FINISHED FLOOR AND A BUILT-IN FEATURE ABOVE THE FINISH FLOOR, SUCH AS A WINDOW, IS LESS THAN 15 INC



(P) GROUND FLOOR ELECTRICAL PLAN

SCALE: 1/4"=1'-0"

MAIN HOUSE CONTINUOUS EXHAUST FAN CALCULATIONS:

TOTAL REQUIRED VENTILATION RATE:

$$Q_{tot} = 0.03 A_{floor} + 7.5(N_{br} + 1)$$
$$= 0.03 \times 2531 + 7.5 \times (4 + 1)$$
$$= 113.43 \text{ cfm}$$

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(P) GROUND FLOOR  
ELECTRICAL PLAN

Owner:  
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
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
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



- ELECTRICAL LEGEND


 LIGHT SWITCH


 THREE WAY LIGHT SWITCH

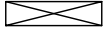
 LIGHT SWITCH WITH DIMMER


 LIGHT SWITCH WITH TIMER


 ELEC DUPLEX AFI OUTLET


 WATERPROOF G.F.I. DUPLEX OUTLET


 G.F.I. DUPLEX OUTLET
- MISC. LEGEND


 HVAC REGISTER

 SMOKE DETECTOR


 CARBON MONOXIDE ALARM


 VACANCY SENSOR PER 150. (K) 2j CEC


 EXHAUST FAN W/ LED


 PHOTOELECTRIC SMOKE ALARM


- LIGHTING LEGEND


 WALL MOUNT LIGHT


 RECESSED 4" LED LIGHT

 RECESSED 6" LED LIGHT

 SUSPENDED LED LIGHT

 FLUORESENT TUBE FIXTURE

 SECURITY LIGHT WITH MOTION SENSOR

 Fluorescent Tube Fixture

GENERAL LIGHTING REQUIREMENTS:

- A. ALL INSTALLED LUMINAIRES SHALL MEET THE REQUIREMENTS OF CEC TABLE 150.0-A

B. BATHROOMS, GARAGE, LAUNDRY ROOMS, AND UTILITY ROOMS SHALL HAVE AT LEAST ONE LUMINAIRE CONTROLLED BY A VACANCY OR OCCUPANCY SENSOR PROVIDING AUTOMATIC-OFF FUNCTIONALITY [CEC 150.0(K)2I]. IF AN OCCUPANT SENSOR IS INSTALLED, IT SHALL BE INITIALLY CONFIGURED TO MANUAL-ON OPERATION

C. EXTERIOR LUMINAIRES ARE TO HAVE A MANUAL ON/OFF SWITCH AND BE CONTROLLED BY A PHOTOCELL AND MOTION SENSOR OR A PHOTOCELL AND TIME SWITCH [CEC 150.0(K)3A].

D. ALL OTHER LUMINAIRES THAT CONTAIN LIGHT SOURCES THAT MEET REFERENCE JOINT APPENDIX JA8 REQUIREMENTS ARE TO BE CONTROLLED BY A VACANCY/OCCUPANCY SENSOR OR DIMMER [CEC 150.0(K)2J].

E. CLOSETS WITH AN AREA LESS THAN 70 FT2 AND HALLWAY LIGHTING ARE EXEMPT FROM THIS REQUIREMENT
- AFCI RECEPTACLES SHOULD BE INSTALLED IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, BEDROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS AND AREAS.

- RECESSED DOWN LIGHTING TO MEET THE FOLLOWING REQUIREMENTS [CEC 150.0(K)1.C]:

A. LUMINAIRES SHALL BE HIGH EFFICACY AND MEET THE REQUIREMENTS OF CEC TABLE 150.0A

B. BE LISTED FOR ZERO CLEARANCE INSULATION CONTACT

C. AIRTIGHT WITH AIR LEAKAGE LESS THAN 2.0 CFM AT 75PASCALS

D. BE SEALED WITH A GASKET OR CAULK BETWEEN THE LUMINAIRE HOUSING AND CEILING

E. SHALL NOT CONTAIN SCREW BASED SOCKETS

LIGHTING NOTES:

ALL NEW LIGHT FIXTURES AND COMPONENTS MUST COMPLY WITH CALIFORNIA ENERGY CODE - THE ENERGY EFFICIENCY STANDARDS. ALL INSTALLED LUMINARIES SHALL BE HIGH EFFICACY AND MEET THE REQUIREMENT OF CEC TABLE 150.0A.

SUCH AS: DIMMER SWITCHES, OCCUPANT SENSORS AND FLUORESCENT LIGHTING AS REQUIRED FOR COMPLIANCE PER LIGHTING MANDATORY MEASURES.

- 1.ALL ELECTRICAL LIGHT FIXTURES TO BE SELECTED BY OWNER.

2.COORDINATE LIGHT FIXTURE LOCATIONS IN FIELD WITH OWNER.

3.LOCATE OUTLETS / PLUGS ACCORDING TO PLAN. COORDINATE WITH FRAMING.

4.EXHAUST FANS TO EXTERIOR TO PROVIDE MINIMUM 50 CFM INTERMITTENT OR 20 CFM CONTINUOUS VENTILATION. EXHAUST FANS SHOULD WITH HUMIDITY SENSOR.

ELECTRICAL NOTES:

1. ALL 125-VOLT, 15-AND 20-AMPERE RECEPTACLE OUTLETS SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES.

2. ARC-FAULT CIRCUIT INTERRUPTER (AFCI) PROTECTED RECEPTACLES SHALL BE INSTALLED IN KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, BEDROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS.

3. ALL AC INSTALLED SHALL BE ENFORCE UNDER CHAPTER 7 OF THE SMMC SECTION 07.30.040. MAXIMUM PERMISSIBLE SOUND LEVEL. IF IT IS FOUND TO BE IN VIOLATION OF SMMC WHILE IN USE, THE PROPERTY OWNER WILL NEED TO MAKE ALTERATIONS TO ABATE THE NUISANCE.

4. ELECTRICAL RECEPTACLE OUTLETS, SWITCHES,AND CONTROLS (INCLUDING CONTROLS FOR HEATING, VENTILATION, AND AIR CONDITION)INTENDED TO BE USE BY OCCUPANTS SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE OUTLET BOX AND NOT LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE OUTLET BOX ABOVE THE FINISH FLOOR.

- Exceptions:

1. DEDICATED RECEPTACLE OUTLETS; FLOOR RECEPTACLE OUTLETS; CONTROLS MOUNTED ON CEILING FANS AND CEILING LIGHTS; AND CONTROLS LOCATED ON APPLIANCES.

2. RECEPTACLE OUTLETS REQUIRED BY THE CALIFORNIA ELECTRICAL CODE ON A WALL SPACE WHERE THE DISTANCE BETWEEN THE FINISHED FLOOR AND A BUILT-IN FEATURE ABOVE THE FINISH FLOOR, SUCH AS A WINDOW, IS LESS THAN 15 INCHES (381 MM).

5. THE NEW MAIN ELECTRICAL PANEL SHALL HAVE A TYPE 2 (LOAD-SIDE) SURGE-PROTECTIVE DEVICE (SPD)

6. ELECTRICAL RECEPTACLE OUTLETS, SWITCHES,AND CONTROLS (INCLUDING CONTROLS FOR HEATING, VENTILATION, AND AIR CONDITION)INTENDED TO BE USE BY OCCUPANTS SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE OUTLET BOX AND NOT LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE OUTLET BOX ABOVE THE FINISH FLOOR.

- EXCEPTIONS:

6.1 DEDICATED RECEPTACLE OUTLETS; FLOOR RECEPTACLE OUTLETS; CONTROLS MOUNTED ON CEILING FANS AND CEILING LIGHTS; AND CONTROLS LOCATED ON APPLIANCES.

6.2 RECEPTACLE OUTLETS REQUIRED BY THE CALIFORNIA ELECTRICAL CODE ON A WALL SPACE WHERE THE DISTANCE BETWEEN THE FINISHED FLOOR AND A BUILT-IN FEATURE ABOVE THE FINISH FLOOR, SUCH AS A WINDOW, IS LESS THAN 15 INC

NOTE:

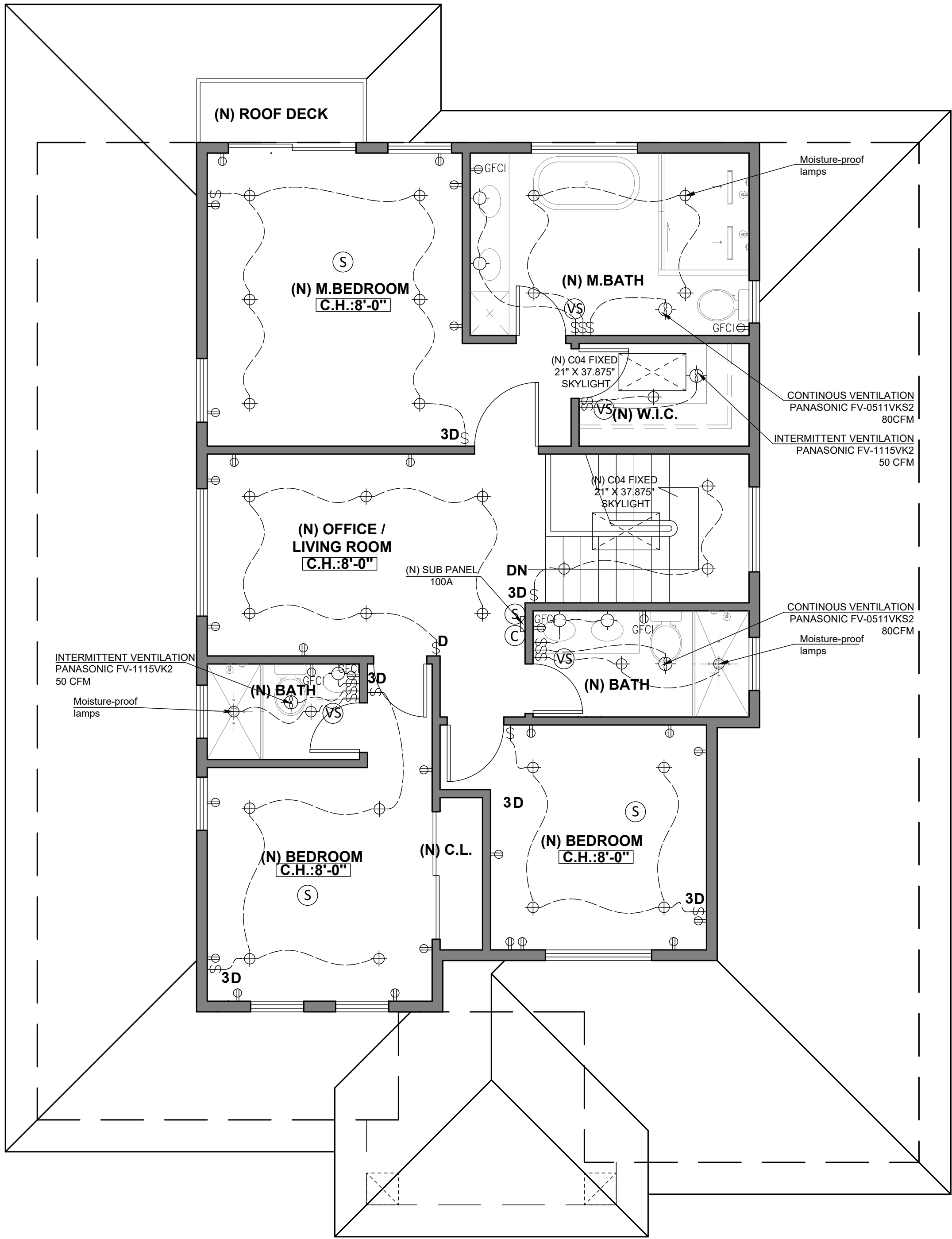
THE REQUIRED SMOKE DETECTORS AND THE CARBON MONOXIDE ALARMS PER CRC R314& R315.

THE SERVICE PANEL OR SUBPANEL CIRCUIT DIRECTORY SHALL IDENTIFY THE OVERCURRENT PROTECTIVE DEVICE SPACE (S) RESERVED FOR EV CHARGING PURPOSES IN ACCORDANCE WITH THE CEC.

RODENT PROOFING. ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, ETC. SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS.


NATURAL GAS SHALL NOT BE ALLOWED. THE FOLLOWING LIST OF ITEMS SHALL BE ELECTRIC INSTALLATION: SPACE-CONDITIONED EQUIPMENT, CLOTHES DYERS, COOKING APPLIANCES AND FIREPLACES AND FIRE PITS.

WATER-HEATING SYSTEMS AND EQUIPMENT SHOULD BE ELECTRIC OR SOLAR.



(P) 2nd FLOOR ELECTRICAL PLAN

SCALE: 1/4"=1'-0"

REVISION	BY
J & S CONSULTANT INC 131 Sequoia Ave, Redwood City, CA 94061 Telephone: (415) 810-0188 E-mail: jamesli161@yahoo.com	
NEW HOUSE 229 Bancroft Rd, Burlingame, CA 94010 APN: 029263060	
(P) 2nd ELECTRICAL PLAN	
Owner: HONGZHI LIANG Tel: 650-888-1083 EMAIL: lianghongzhi1388@gmail.com	
	
Date	01-10-2025
Scale	1/4"=1'-0"
Drawn	ZHONGLV Y.
Job	
Sheet	E-1.1
Of	Sheets





2022 CALIFORNIA GREEN BUILDING CODE  
RESIDENTIAL CHECKLIST

New Residential Buildings must be designed to include the Green Building Mandatory Measures specified in this checklist. These Green Building Mandatory Measures also apply to additions or alterations of existing Residential Buildings which increase the building's conditioned area, volume, or size. These requirements only apply to the specific area of addition or alteration. 2022 CGC §301.1.1

Permit Number: \_\_\_\_\_ Project Address: 229 Bancroft Rd, Burlingame, CA 94010

Specify which sheet includes the Measure, and add specific details listing where the measure is located on that page. Include exact code sections on plans.

Green Building Measure	Plan Sheet, and Details
<b>ENERGY EFFICIENCY(2022 CEC §150.0)</b> <b>(2022 California Building Energy Efficiency Standards)</b>	
2022 Energy Code performance (CF1R) compliance documentation must be provided digitally in 8-1/2" X 11" format, and, must be replicated on the plans. 2022 CEC §150.1	CG-1
<b>SITE DEVELOPMENT (2022 CGC §4.106)</b>	
Plans shall indicate how Grading and Paving will prevent surface waterflows from entering buildings. Exception: Projects that do not alter the drainage path. 2022 CGC §4.106.3	A-1.1
Electric Vehicle (EV) Charging, parking spaces: comply with all relevant sections. 2022 CGC §4.106.4	E-1.0
<b>INDOOR WATER USE (2022 CGC §4.303)</b>	
Standards for Plumbing fixtures and fittings. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code. 2022 CGC §4.303.3	A-1.0
<b>OUTDOOR WATER USE (2022 CGC §4.304)</b>	
Residential developments shall submit a California Department of Water Resources' Model Water Use Efficient Landscape (MWEL0) checklist. 2022 CGC §4.304.1	N/A
<b>ENHANCED DURABILITY AND REDUCED MAINTENANCE (2022 CGC §4.406)</b>	
Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls, shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry, or similar method acceptable to the enforcing agency. 2022 CGC §4.406.1	A-1.0
<b>CONSTRUCTION WASTE MANAGEMENT (2022 CGC §4.408)</b>	
Recycle and/or salvage a minimum 65% of the non-hazardous construction and demolition waste. This is not applicable to soil and land clearing debris. 2022 CGC §4.408.1	A-1.0

1



2022 BURLINGAME REACH CODE CHECKLIST  
SINGLE FAMILY NEW CONSTRUCTION

USE THIS FORM FOR SINGLE FAMILY NEW CONSTRUCTION

PROJECT ADDRESS: 229 Bancroft Rd, Burlingame, CA 94010

APN: 029263060 APPLICANT NAME: Xiaowen Song

1. ELECTRIFICATION

Check all boxes below:

- ☐ All-Electric  
☐ No natural gas or propane appliances  
☐ No natural gas or propane meters or infrastructure in the building or within the property lines  
☒ A solar photovoltaic system with a capacity of at least \_\_\_\_\_ kW(DC). The number of Kilowatts required is calculated by the energy report, the CF1R-PRF-01.

2. ENERGY EFFICIENCY

- ☒ Compliance with energy efficiency standards required under the State Energy Code

3. GREEN BUILDING

- ☒ The permit application includes a completed 2022 Burlingame CALGreen checklist: [https://www.burlingame.org/departments/building/calgreen\\_building\\_standards.php](https://www.burlingame.org/departments/building/calgreen_building_standards.php)

4. ELECTRIC VEHICLE (EV) CHARGING

- ☒ At least one parking space per dwelling unit has an EV Level 2 Ready Circuit: a parking space equipped with a raceway, wiring, receptacle, and electrical capacity to the EV charging station. A minimum 208V/240V, 40 Amp circuit with receptacle labeled "EV Vehicle Outlet" or, electrical vehicle supply equipment with a minimum output of 30 Amps  
☐ If there is a second parking space it is an EV Level 1 Ready Space: a parking space equipped with a raceway, wiring, receptacle, and electrical capacity to the EV charging station. A minimum 110V, 20 Amp circuit with receptacle labeled "EV Vehicle Outlet" or, electrical vehicle supply equipment

5. VERIFICATION

This form has been completed by James Li (name) of (company), the qualified DESIGNER (architect, designer, energy consultant) for the above listed project, who verifies that it accurately represents the project plans.

Signature

02/28/2025

Date

Version 1.0, February 2023

Green Building Measure

Plan Sheet, and Details

BUILDING MAINTENANCE AND OPERATION (2022 CGC §4.410)	
An operation and maintenance manual will be provided at final inspection. 2022 CGC §4.410.1 Where 5 or more multi-family dwelling units are constructed on a building site, provide readily accessible areas that serve all buildings on site and are identified for the depositing, storage, and collection of nonhazardous materials for recycling, including paper, corrugated cardboard, glass, plastics, organic waste and metals, or, meet local ordinance, if more restrictive. 2022 CGC §4.410.2	N/A
<b>FIREPLACES (2022 CGC §4.503)</b>	
Any installed gas fireplaces will be direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with US EPA NSPS emission limits. 2022 CGC 4.503.1 GAS IS NOT ALLOWED FOR NEW CONSTRUCTION BASED ON BURLINGAME'S REACH CODE.	N/A
<b>POLLUTANT CONTROL (2022 CGC §4.504)</b>	
At the time of rough installation, during storage on the construction site, and until final startup of the HVAC equipment, all duct and other related air distribution component openings will be covered with tape, plastic, sheet metal, or other methods acceptable to the enforcing agency to reduce the amount of water, dust and debris that may enter the system. 2022 CGC §4.504.1	A-1.0
Adhesives, sealants, and caulks used on the project shall follow local and regional air pollution or air quality management district standards. 2022CGC §4.504.2.1	A-1.0
Paints and coatings will comply with VOC limits. 2022CGC §4.504.2.2	A-1.0
Aerosol paints and coatings will meet the Product-weighted MIR limits for ROC, and comply with percent VOC by weight of product limits, Regulation 8, Rule 49. 2022 CGC §4.504.2.3	A-1.0
Documentation shall verify compliance for VOC finish materials. 2022 CGC §4.504.2.4	A-1.0
Carpet systems will meet CALGREEN testing and product requirements. 2022 CGC §4.504.3	N/A
Where resilient flooring is installed, at least 80% of the floor area receiving resilient flooring will comply with the California Green Building Code requirements. 2022 CGC §4.504.4	A-1.0
Hardwood plywood, particleboard, and medium density fiberboard composite wood products shall comply with the low formaldehyde emission standards. 2022 CGC §4.504.5	A-1.0
<b>INTERIOR MOISTURE CONTROL (2022 CGC §4.505)</b>	
A capillary break will be installed if a slab on grade foundation system is used. 2022 CGC §4.505.2.1	A-1.0
Building materials with visible signs of water damage will not be installed. Wall and floor framing will not be enclosed when the framing members exceed 19% moisture content. Moisture content will be verified prior to finish material being applied. Replace wet insulation products, or allow to dry before enclosure. 2022 CGC §4.505.3	A-1.0
<b>INDOOR AIR QUALITY AND EXHAUST (CGC §4.506)</b>	
Exhaust fans that are ENERGY STAR compliant, ducted and that terminate outside the building will be provided in every bathroom (bathtub, shower, or shower/tub combo). 2019 CGC §4.506.1 Unless functioning as a component of a whole-house ventilation system, fans must be controlled by a humidity control. 2022 CGC §4.506.2	E-1.0

2

Green Building Measure

Plan Sheet, and Details

ENVIRONMENTAL COMFORT (2022 CGC §4.507)	
The heating and air-conditioning system will be sized, designed and have their equipment selected using the following methods: Heat Loss/Heat Gain values in accordance with ANSI/ACCA 2 Manual J-2016 or equal; Duct systems are sized according to ANSI/ACCA 1, Manual D-2016 or equivalent; Select heating and cooling equipment in accordance with ANSI/ACCA 3, Manual S-2014 or equivalent. 2022 CGC §4.507.	A-2.0
<b>VERIFICATION (2022 CGC §703)</b>	
Upon request, verification of compliance with this code may include construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the Building Division that will show substantial conformance with the 2022 Code requirements. 2022 CGC	A-1.0
<b>Responsible Designer's Declaration Statement</b>	
I hereby certify that this project has been designed to meet the requirements of the 2022 Green Building Code.	
Name: ZhongLv Yuan	
Address: 3115 Otis Dr,	
City/State/Zip Code: Alameda, CA 94501	
Signature: ZhongLv Yuan Date: 02/28/2025	
<b>Contractor's Declaration Statement</b>	
I hereby certify, as the builder or installer, that this project will be constructed to meet the requirements of the 2022 Green Building Code.	
Name:	
Address:	
City/State/Zip Code:	
Signature: Date:	

3

REVISION	BY

J & S CONSULTANT INC  
131 Sequoia Ave,  
Redwood City, CA 94061  
Telephone: (415) 810-0188  
E-mail: jamesli161@yahoo.com

NEW HOUSE  
229 Bancroft Rd,  
Burlingame, CA 94010  
APN: 029263060

2022 CALIFORNIA GREEN BUILDING  
CODE RESIDENTIAL CHECKLIST  
2022 BURLINGAME REACH CODE  
CHECKLIST

Owner:  
HONGZHI LIANG  
Tel: 650-888-1083  
EMAIL: lianghongzhi1388@gmail.com



Date 01-10-2025  
Scale 1/4"=1'-0"  
Drawn ZHONGLV Y.  
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Sheet

CG-1

Of Sheets