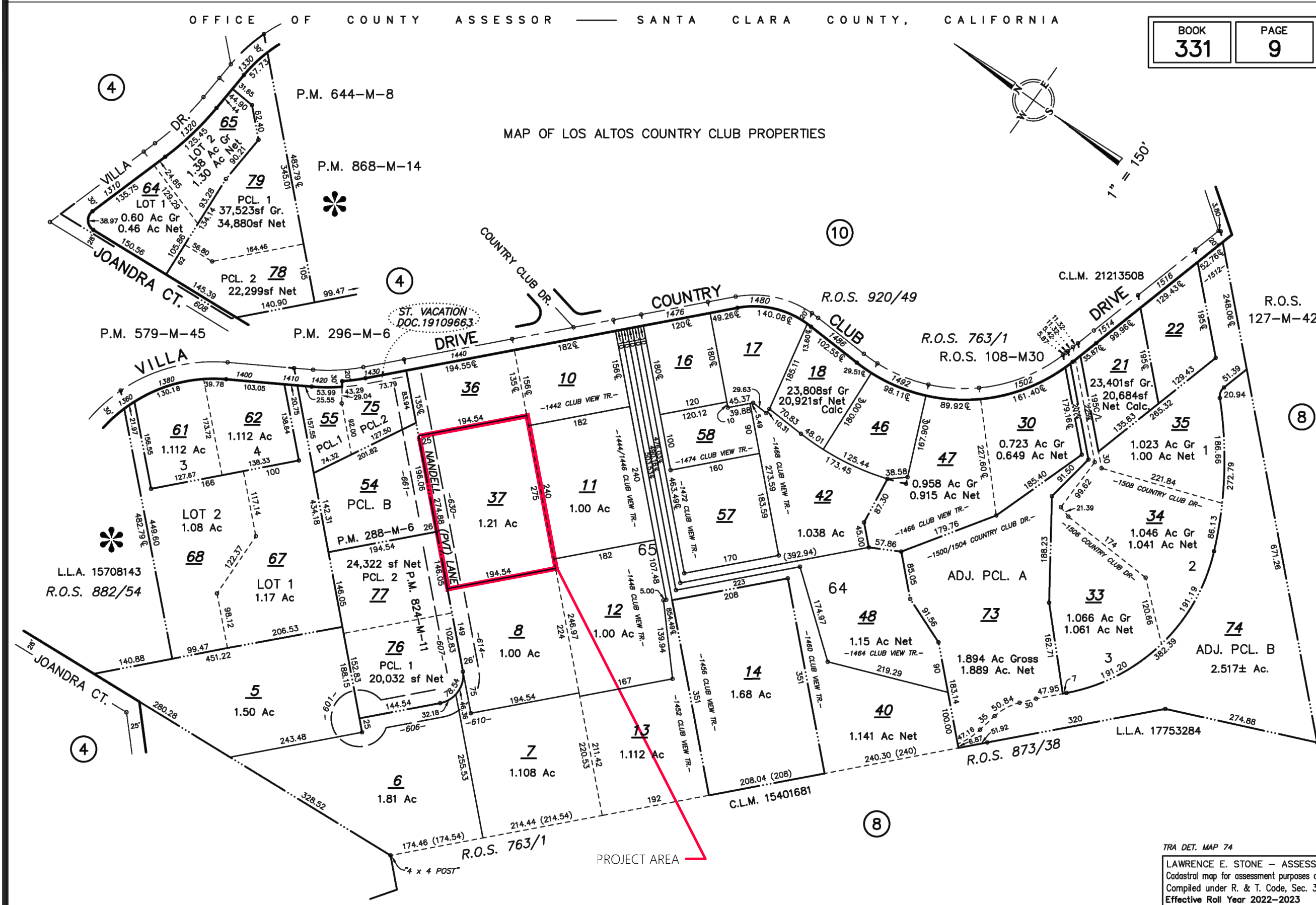
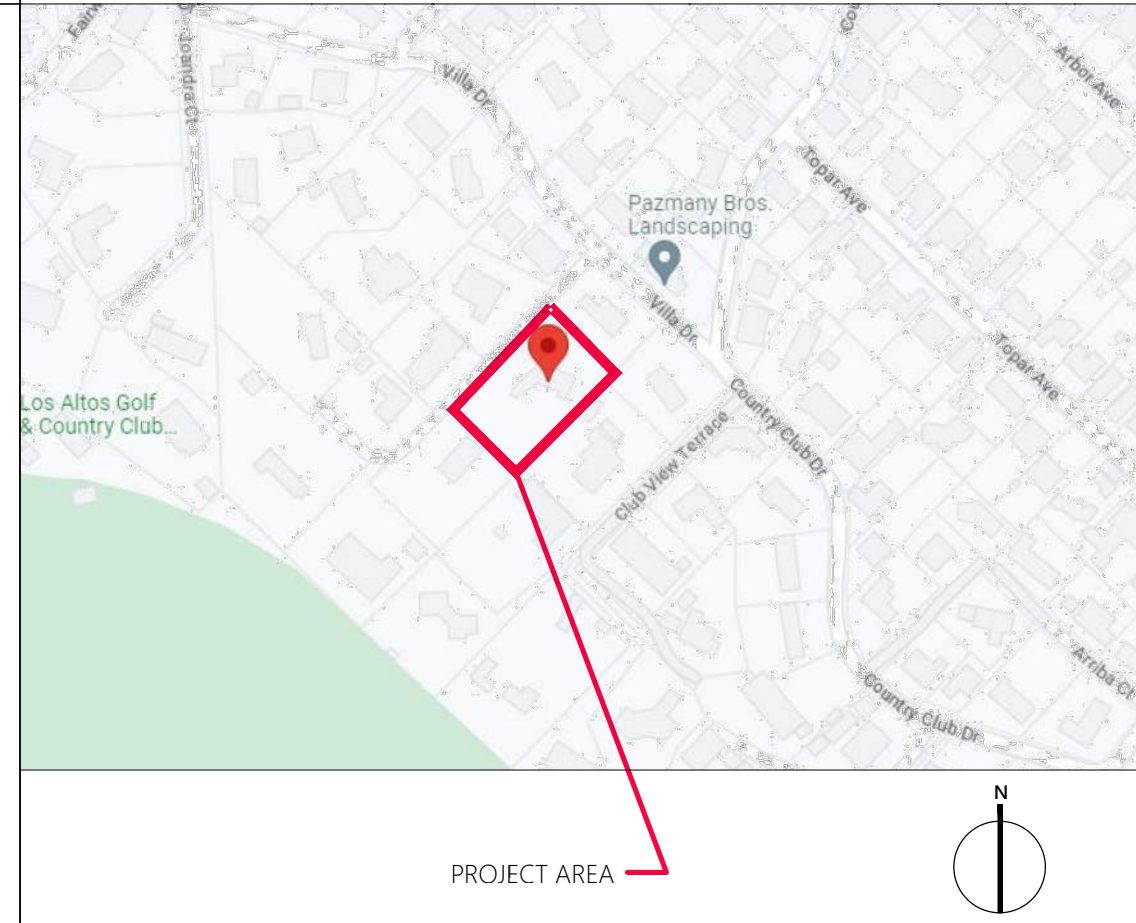


ASSESSOR'S MAP



VICINITY MAP



(N) ADDRESS

APPROVED ADDRESS NO. SHALL BE PLACED IN SUCH A POSITION AS TO BE PLAINLY
VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. NUMBERING
SHALL BE 4" MIN. W/ MIN. STROKE WIDTH OF 1/2", AND SHALL BE IN CONTRAST W/ THEIR
BACKGROUND.

SEE SHEET A1.0 SITE PLAN FOR (N) ADDRESS LOCATION.

PROJECT TEAM

OWNER
JENNIFER KIM
630 NANDELL LN, LOS ALTOS, CA 94024
CONTACT: JENNIFER KIM
T: 1650.793.0131
E: JENKIM94024@YAHOO.COM

SURVEYOR
TRIAD / HOLMES ASSOCIATES
CIVIL ENGINEERING & LAND SURVEYING
777 WOODSIDE RD, #22A
REDWOOD CITY, CA 94061
SURVEYOR OF RECORD: ANDREW K
HOLMES
CONTACT: MIKE
T: 1650.366.0216
F: 1650.366.0298
E: SF@THAINC.COM

CIVIL
WG ENGINEERING
ROBERT WANG
505 ALTMONT DR
MILPITAS, CA 95035
T: 1.408.262.1899
E: RWENGINEERING@GMAIL.COM

ARCHITECT
Q ARCHITECTS
QUEEN MEIN FOO, RA
LOS ALTOS, CA 94023
P: 1.408.375.7296
E: QFOO@ARCHITX.COM

SCOPE OF WORK

DEMOLITION:

1. DEMOLISH (E) SINGLE FAMILY HOUSE, GARAGE & CARPORT IN ITS ENTIRETY.
2. DEMOLISH ALL (E) SITE FEATURES AS REQUIRED FOR THE CONSTRUCTION OF A (N) HOUSE INCLUDING (E) SWIMMING POOL, CHICKEN COOP, FENCE, HARDSCAPE, WOODEN STEPS & (2) (E) TREES.
3. REMOVE ALL (E) UTILITIES INCLUDING (E) MAIN ELECT. PANEL, GAS METER & WATER METER.

CONSTRUCTION:

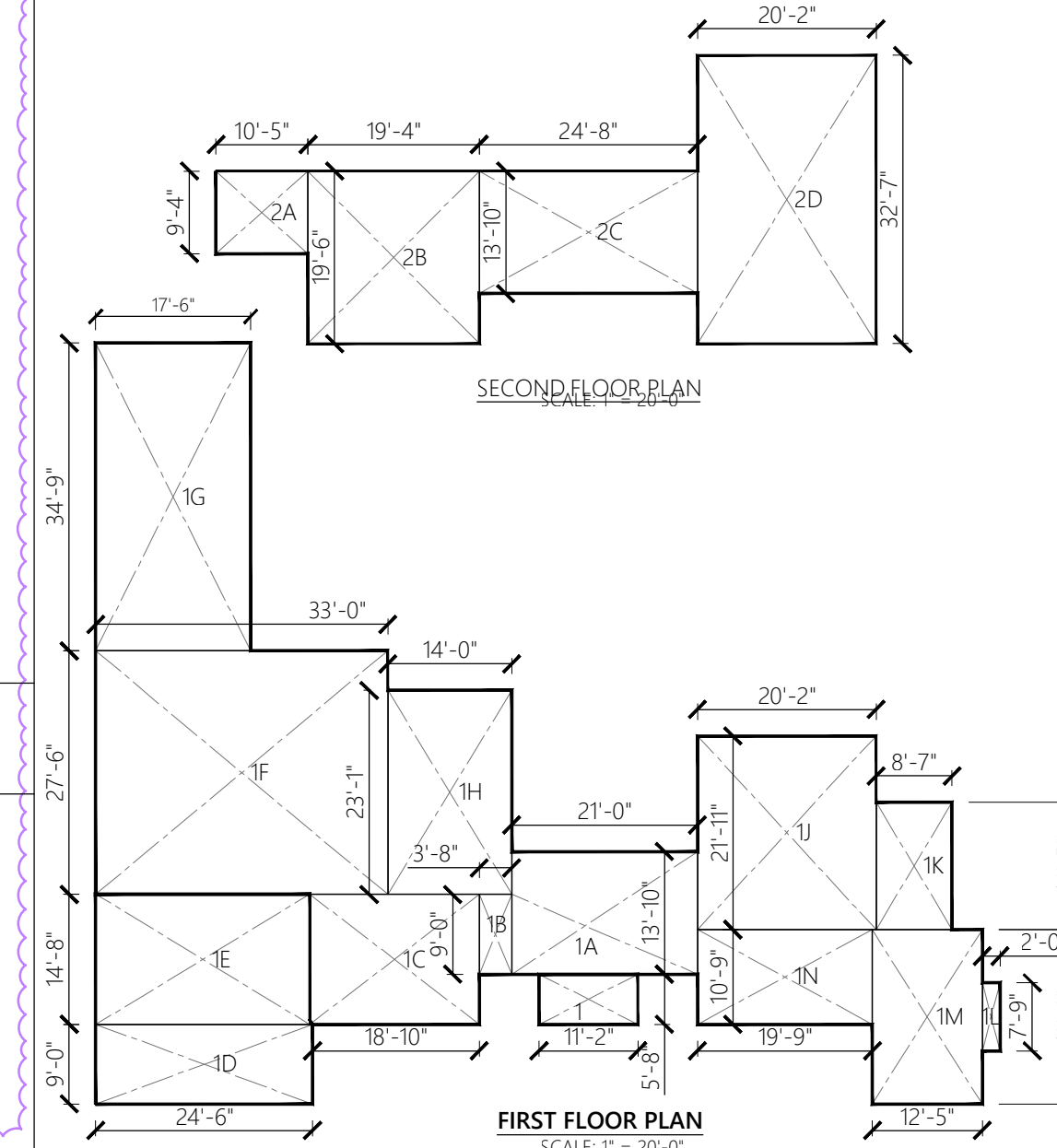
1. (N) 2 STOREYS OF SINGLE FAMILY HOUSE COMPRISE OF (1) LIVING, (1) SITTING, (2) FAMILIES, (1) DINING, (1) PANTRY, (1) MUD, (1) 2-CAR GARAGE, (5) BEDS, (5) BATHS, (1) POWDER, (1) OFFICE, (1) LAUNDRY & CLOSETS.

2. SITE.

- MODIFY (E) DRIVEWAY FOR (N).
- INFILL (E) SWIMMING POOL.
- MIN. (N) HARDSCAPE.

3. ALL (N) MECH., ELECT., PLUMB. UTILITIES.
4. (N) SOLAR PANELS & EV CHARGERS.

AREA CALCULATION



SHEET INDEX

GENERAL	
A0.0	COVER SHEET
SURVEY	
1	TOPOGRAPHIC SURVEY MAP
CIVIL	
1	TITLE SHEET
2	IMPERVIOUS SURFACE AREA, EXISTING & PROPOSE CONDITION
3	GRADING & DRAINAGE
4	STANDARD DETAILS & NOTES
5	EROSION CONTROL
6	BEST MANAGEMENT PRACTICE & EROSION CONTROL 1
7	BEST MANAGEMENT PRACTICE & EROSION CONTROL 2
ARCHITECTURAL	
AD0.1	GENERAL NOTES, SYMBOLS & ABBREVIATIONS
AD1.0	SITE DEMOLITION PLAN
A1.0	SITE - FIRST FLOOR PLAN
A1.0A	SITE - SECOND FLOOR PLAN
A1.0B	SITE - TREE PRESERVATION & REMOVAL
A1.0C	SITE - (E) FIRE HYDRANT
A1.1	FIRST FLOOR PLAN
A1.1A	SECOND FLOOR PLAN
A1.2	ROOF PLAN
A1.3	FIRST FLOOR REFLECTED CEILING PLAN
A1.3A	SECOND FLOOR REFLECTED CEILING PLAN
A2.0	EXTERIOR FINISH PALETTE
A2.1	EXTERIOR ELEVATIONS
A2.2	EXTERIOR ELEVATIONS
A3.1	BUILDING SECTIONS
A3.1	BUILDING SECTIONS
A7.0	DOOR SCHEDULE
A7.1	WINDOW SCHEDULE

SATELITE SITE IMAGE



CODE

ALL WORK SHALL COMPLY WITH THE FOLLOWING CODES AND STANDARDS:

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

* ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES, ORDINANCES, LAWS & REGULATIONS AS AMENDED BY THE COUNTY OF SANTA CLARA.

PROJECT DATA

A.P.N.: 331-09-037R-1-10

SITE AREA: 53,499 SF / 123 ACRE

EASEMENT (RIGHT OF WAY) AREA TO BE DEDICATED: 7,700 SF

NET SITE AREA: 45,799 SF

TRACT: 79007

ZONING: R1E-1Ac-n1 (100%)

BUILDING AREA:

	(E) TO BE DEMOLISHED	PROPOSE
LIVING	3,388 SF	GARAGE 3,481 SF
FIRST FLOOR:	3,388 SF	576 SF
SECOND FLOOR:	0 SF	1,473 SF
TOTAL:	3,388 SF	4,954 SF
GRAND TOTAL:	4,022 SF	5,330 SF < 5,700 MAX. ALLOWABLE

NON-BUILDING AREA:

	(E) TO BE DEMOLISHED	PROPOSE
FIRST FLOOR	205 SF	0 SF
CARPOT:	0 SF	63 SF *
FRONT PORCH:	0 SF	63 SF
TOTAL:	205 SF	63 SF

PROJECT AREA: 5,593 SF

FAR: 0.12

LOT COVERAGE: 0.09

NO. OF STORY: 1 STOREY (E) / 2 STOREYS (N) [2 STOREYS MAX. ALLOWABLE]

BUILDING HEIGHTS: 12'-9" (E) / 27'-0" (N) [27'-0" MAX. ALLOWABLE]

FIRE SPRINKLER: NON-SPRINKLER (E) / FULLY SPRINKLER (N)

CONSTRUCTION TYPE: VB [(B) / (N)]

OCCUPANCY GROUP: R3 / U (E) / (N)

BUILDING SETBACKS:

	30'-0"	[30'-0" MIN. ALLOWABLE]
FRONT:	30'-0"	[20'-0" MIN. ALLOWABLE]
REAR:	20'-0" / 32'-3"	[25'-0" MIN. ALLOWABLE]
SIDES:	52'-6"	

PARKING: 2 (E) / (N) [2 MIN. REQUIRED].

NOTE*: FRONT PORCH IS COVERED & ENCLOSED AT (T) SIDE ONLY.

POLYGON / AREA DESIGNATION	DIMENSION	AREA (SF)
FRONT PORCH		
1	5'-8" X 11'-2"	63
FIRST FLOOR		
1A (GARAGE)	9'-0" X 3'-8"	291
1B (GARAGE)	13'-10" X 21'-0"	33
1C	14'-8" X 18'-10"	281
1D	9'-0" X 24'-6"	221
1E	14'-8" X 24'-6"	356
1F	27'-6" X 33'-0"	908
1G	34'-9" X 174'-6"	609
1H	23'-1" X 14'-0"	323
1J	21'-11" X 20'-2"	441
1K	14'-5" X 8'-7"	123
1L	7'-9" X 2'-0"	15
1M	19'-9" X 12'-5"	245
1N	10'-9" X 19'-9"	212
		TOTAL: 4,057
SECOND FLOOR		
2A	9'-4" X 10'-5"	97
2B	19'-6" X 19'-4"	377
2C	13'-10" X 24'-8"	342
2D	32'-7" X 20'-2"	657
		TOTAL: 1,473

JURISDICTION APPROVAL STAMP

[illegible]

BUILDING SITE APPROVAL PERMIT

630 NANDELL LN SINGLE FAMILY HOUSE REBUILT

630 NANDELL LN, LOS ALTOS, CA 94024

Q
ARCHITECTS
SUNNYVALE, CA 94087
T: 408.375.7296
E: QFOO@QARCHITX.COM



PROJECT

NANDELL HOUSE

Single Family House Rebuild

630 NANDELL LN.
LOS ALTOS, CA 94024

SHEET NO.

A0.0

LEGEND

R.O.W. RIGHT OF WAY
F.F. FINISHED FLOOR
CONC. CONCRETE

PROPERTY LINE
ADJACENT PROPERTY LINE
CENTERLINE
FLOWLINE
EDGE OF PAVEMENT
WOOD FENCE
OHU OVERHEAD UTILITIES
EXISTING GROUND CONTOUR & ELEVATION
GAS METER
ELECTRIC METER
SEWER CLEANOUT
POWER POLE
SEWER MANHOLE
EXISTING GROUND SPOT ELEVATION

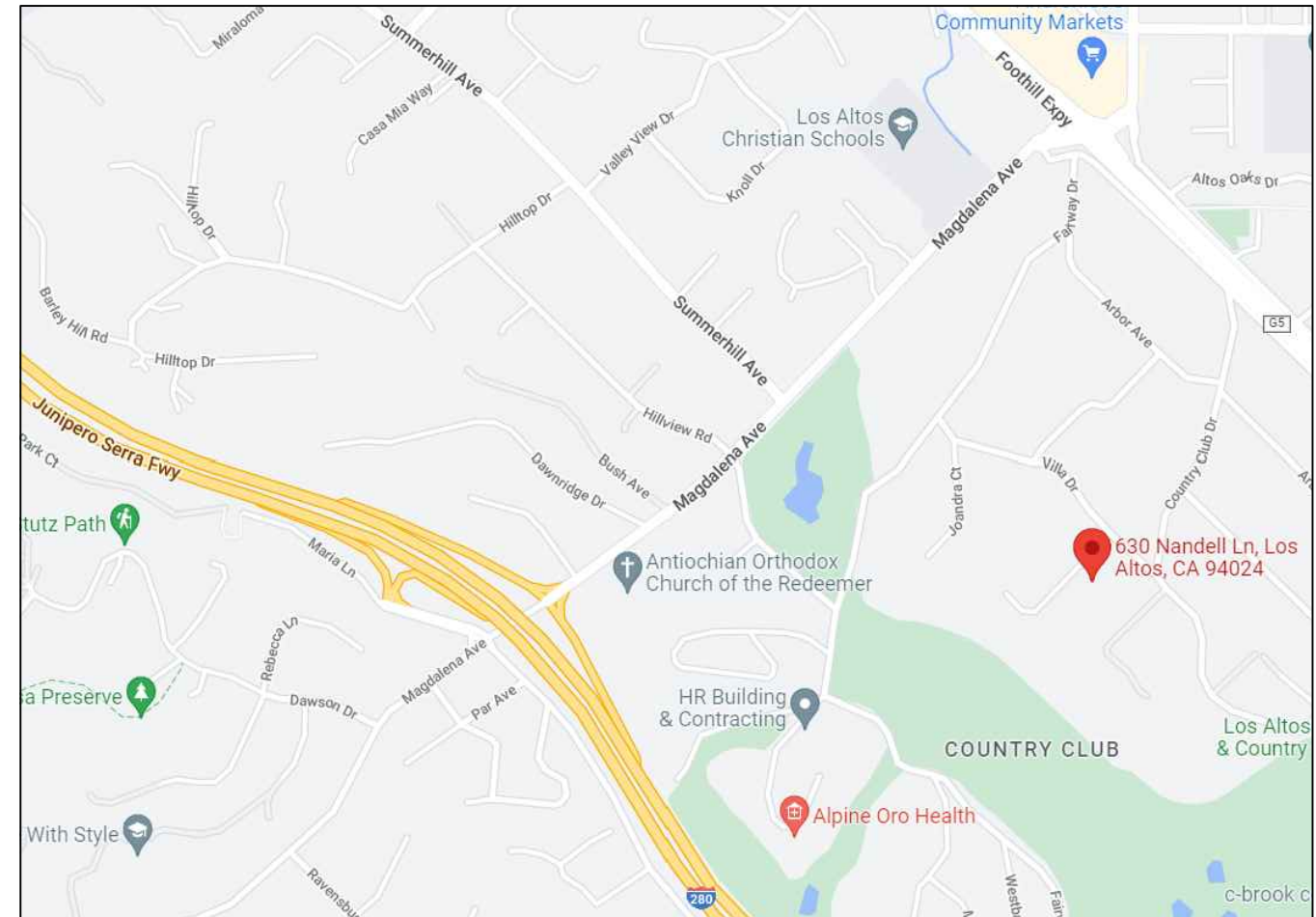
TREE SIZE WITH DRIPLINE
NOTE: ACTUAL TREE TRUNK LOCATIONS ARE SHOWN.
DRIPLINES SHOWN ARE ONLY APPROXIMATE. DRIPLINES IN
AREAS OF PROPOSED CONSTRUCTION SHOULD BE FIELD
VERIFIED.

BENCHMARK

TEMPORARY BENCHMARK:
PROJECT BENCHMARK IS FINISHED FLOOR
OF EXISTING GARAGE AS SHOWN.
ELEVATION=297.36'
(NAVD 88 DATUM)

TOPOGRAPHIC SURVEY

630 NANDELL LN.
LOS ALTOS, CA 94024
APN 331-09-037



VICINITY MAP
N.T.S.

OWNER

JENNIFER KIM
630 NANDELL LN.
LOS ALTOS, CA 94024

APN 331-09-037

53,499 sq. ft.
1.23 ACRES

I HEREBY STATE THAT I AM A LICENSED LAND SURVEYOR OF THE STATE OF CALIFORNIA, THAT THIS MAP CORRECTLY REPRESENTS A SURVEY MADE UNDER MY SUPERVISION IN SEPTEMBER 2022, AND THAT THIS MAP DOES NOT INCLUDE EASEMENTS EXCEPT THOSE SPECIFICALLY DELINEATED HEREON.

IF UNDERGROUND UTILITIES, ZONE, SETBACK AND STREET WIDENING DATA ARE SHOWN HEREON, IT IS FOR INFORMATION ONLY, HAVING BEEN OBTAINED FROM AVAILABLE SOURCES NOT CONNECTED WITH THIS CORPORATION. THEREFORE, NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID INFORMATION.



th
triad/holmes assoc.
civil engineering
land surveying
MAMMOTH LAKES
BISHOP
REDWOOD CITY

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REVISIONS:

6/13/23

EASEMENTS

PREPARED FOR:

JENNIFER KIM
630 NANDELL LN.
LOS ALTOS, CA 94024

630 NANDELL LANE

TOPOGRAPHIC SURVEY

LOS ALTOS, COUNTY OF SANTA CLARA, STATE OF CALIFORNIA

DATE 10/19/22

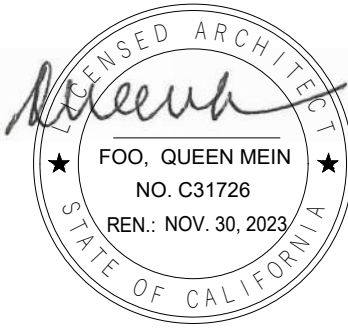
SCALE 1"=20'

DRAWN TJP

JOB NO. 09.2310

DWG 1

SHEET 1 OF 1



PROJECT

NANDELL HOUSE
Single Family House Rebuild

630 NANDELL LN.
LOS ALTOS, CA 94024

SITE APPROVAL PERMIT APPLICATION #:
PLN23-063

REV.	DATE	DESCRIPTION
	3.24.2023	SITE DEVELOPMENT
△	4.7.2023	BUILDING SITE APPROVAL PERMIT
	5.13.2023	BLDG SITE A P BACK-CHECK

DATE 12.1.2022
PROJECT NO. 22.10
SHEET TITLE

**SITE
DEMOLITION PLAN**

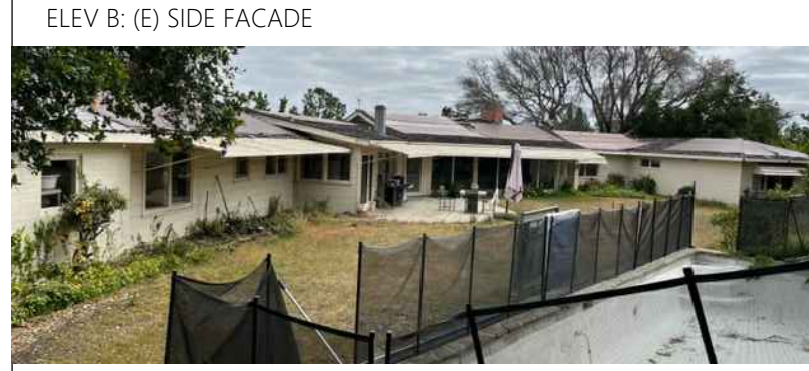
SHEET NO.

AD1.0

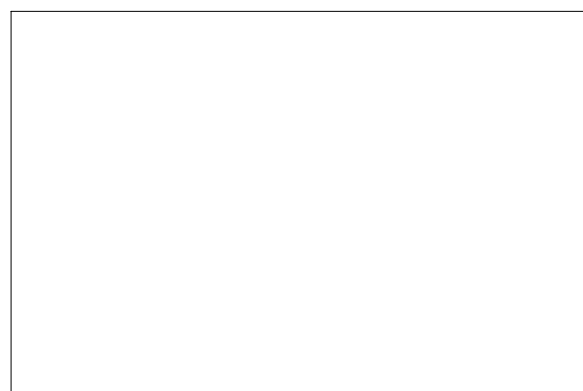
GENERAL NOTES

- A. REFER TO THE FOLLOWINGS:
1. SHEET A0.1 FOR NOTES, SYMBOLS & ABBREVIATIONS.
 2. SHEET A1.0 FOR PROPOSED SITE PLAN.
 3. SHEET 1 FOR TOPOGRAPHIC SURVEY.
 4. CIVIL SHEETS FOR ALL SITE DEMOLITION & CONSTRUCTION WORK, INCLUDING GRADING.
- KEYNOTES** #
1. (E) ELECT. POLE TO REMAIN.
 - 1A. (E) OVERHEAD UTILITY (ELECT.) LINE TO REMAIN.
 2. (E) TREE TO REMAIN.
 - 2A. (E) LANDSCAPING TO REMAIN.
 3. (E) STONE RETAINING WALL TO REMAIN.
 4. NOT USED.
 5. NOT USED.
 6. NOT USED.
 7. NOT USED.
 8. NOT USED.
 9. REMOVE (E) SEWER CLEAN OUT.
 10. REMOVE (E) DRIVEWAY CUT.
 - 10A. REMOVE (E) PAVED DRIVEWAY.
 - 10B. REMOVE (E) DIRT DRIVEWAY.
 11. REMOVE (E) GRAVEL.
 - 11A. REMOVE (E) GRAVEL WALK.
 12. REMOVE (E) WATER METER.
 13. REMOVE (E) MAIL BOX.
 14. REMOVE (E) OVERHEAD ELECT. CABLE.
 15. REMOVE (E) CORQUET COURT.
 16. REMOVE (E) CONC. WALK.
 17. REMOVE (E) CONC. PAD.
 18. REMOVE (E) WD. FENCE.
 19. REMOVE (E) CONC. PAVER WALK.
 20. REMOVE (E) BRICK PATIO.
 21. REMOVE (E) 2" POLE.
 22. REMOVE (E) ELECT. METER.
 23. REMOVE (E) GAS METER.
 24. REMOVE (E) GATE.
 25. REMOVE (E) CHAIN LINK FENCE.
 26. REMOVE (E) CHICKEN COOP.
 27. REMOVE (E) OAK TREE.
 28. REMOVE (E) STONE RETAINING WALL.
 29. REMOVE (E) SWIMMING POOL.
 30. REMOVE (E) WD. STEP.
 31. REMOVE (E) CARPORT.
 32. REMOVE (E) SINGLE FAMILY HOUSE IN ITS ENTIRETY.
 33. REMOVE (E) ATTACHED GARAGE IN ITS ENTIRETY.

EXISTING SITE PHOTOS

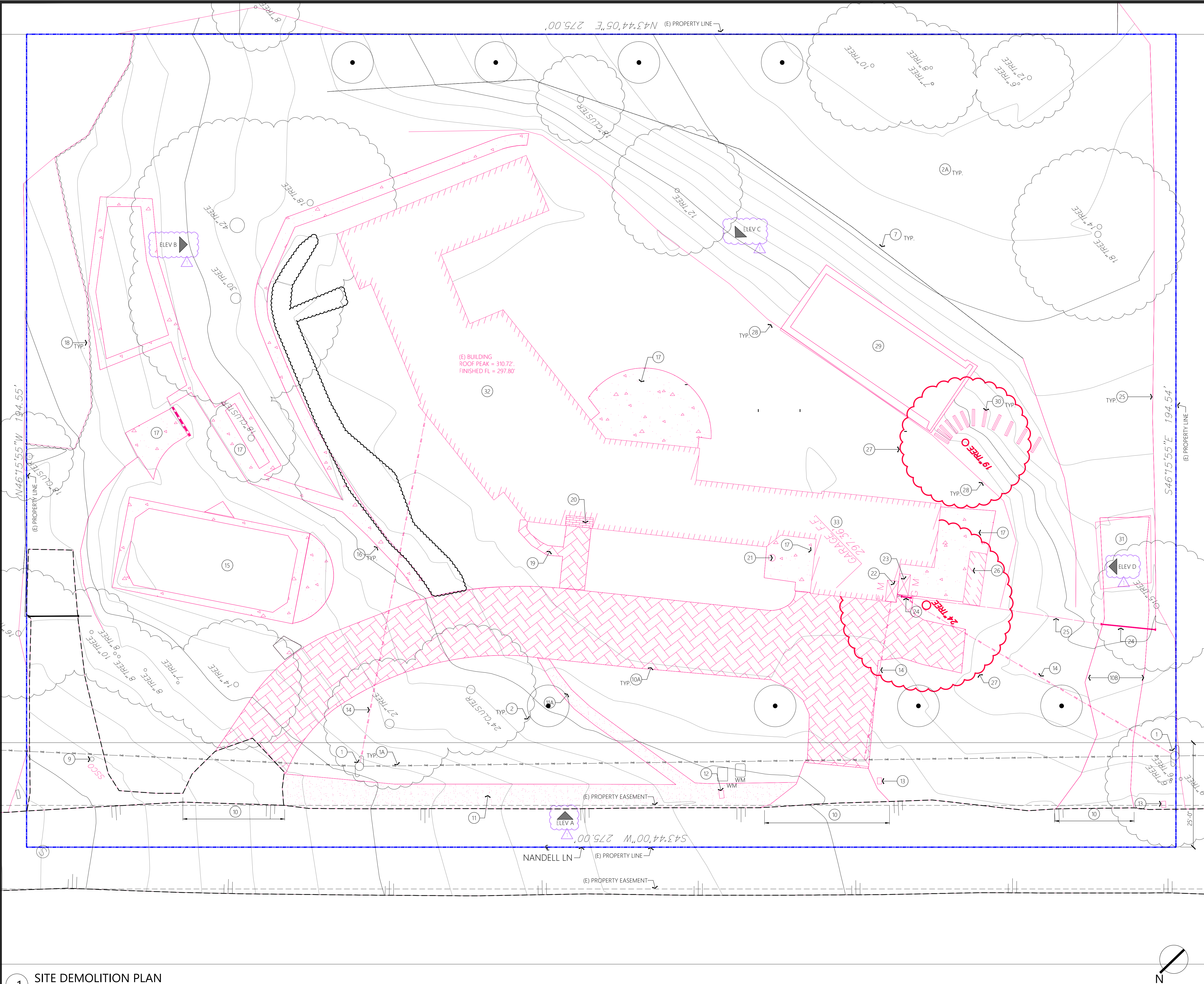


JURISDICTION APPROVAL STAMP



LEGEND

- OHU (E) OVERHEAD UTILITY (ELECT.) LINE TO REMAIN, U.O.N.
SSCO REMOVE OR CAP (E) SEWER CLEANOUT.
WM (E) WATER METER TO REMAIN.



PROJECT

NANDELL HOUSE
Single Family House Rebuild

630 NANDELL LN.
LOS ALTOS, CA 94024

SITE APPROVAL PERMIT APPLICATION #: PLN23-063

REV.	DATE	DESCRIPTION
3.24.2023		SITE DEVELOPMENT
4.7.2023		BUILDING SITE APPROVAL PERMIT
5.13.2023		BLDG SITE A P BACK-CHECK

DATE 12.1.2022
PROJECT NO. 22.10
SHEET TITLE

SITE - FIRST FLOOR PLAN

SHEET NO.

A1.0

GENERAL NOTES

- A. REFER TO THE FOLLOWINGS:
- SHEET A0.1 FOR NOTES, SYMBOLS & ABBREVIATIONS.
 - SHEET A1.0 FOR PROPOSE SITE PLAN.
 - SHEET 1 FOR TOPOGRAPHIC SURVEY.
 - CIVIL SHEETS FOR ALL SITE DEMOLITION & CONSTRUCTION WORK, INCLUDING GRADING.
- B. ALL DIMENSIONS ARE TO BE TAKEN TO THE FACE OF FINISH WALLS, U.O.N.
EXTERIOR WALL DIMENSIONS ARE TAKEN TO THE EXTERIOR FACE OF STUD, U.O.N. FOS = FACE OF STUD.

KEYNOTES #

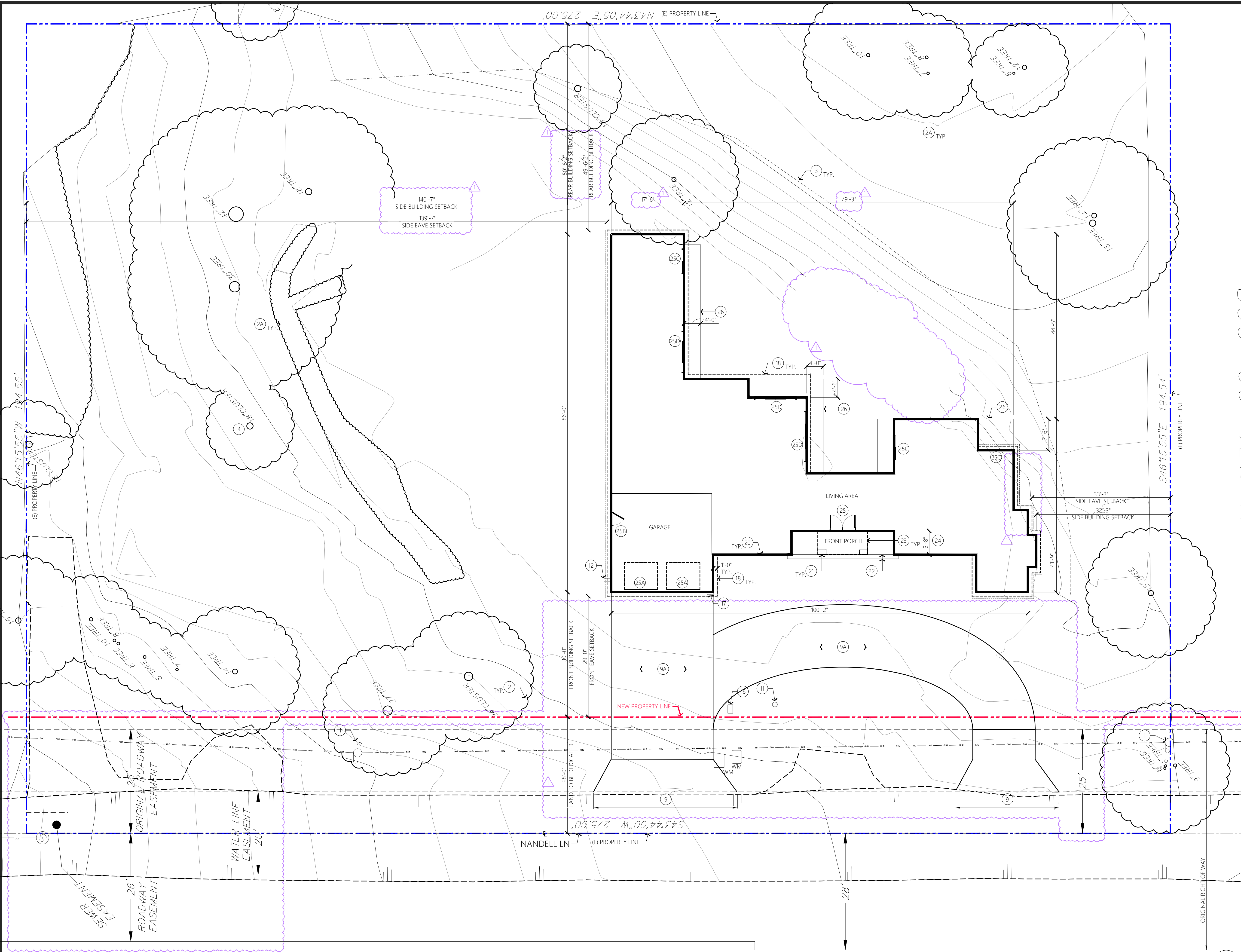
- (E) ELECT. POLE TO REMAIN.
- (E) TREE TO REMAIN.
- (E) LANDSCAPING TO REMAIN.
- (E) STONE RETAINING WALL TO REMAIN.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- (N) DRIVEWAY CUT. SEE CIVIL DWG.
- (N) DRIVEWAY. SEE CIVIL SHEET C2.
- (N) WATER METER. SEE CIVIL SHEET C2.
- (N) CLEAN OUT. SEE CIVIL SHEET C2.
- (N) ELECT. MAIN PANEL. SEE CIVIL SHEET C2.
- NOT USED.
- NOT USED.
- NOT USED.
- (N) MAIL BOX.
- (N) ADDRESS SIGNAGE. SEE SHEET A0.0 COVER SHEET FOR SIGNAGE REQUIREMENTS.
- (N) COMPOSITION ROOF ABOVE. SEE SHEET A1.2 SECOND FLOOR PLAN & SHEET A1.3 ROOF PLAN.
- (N) GALV. SHEET METAL GUTTER.
- OUTLINE OF (N) EXTERIOR WALL.
- (N) PORTICO COLUMN.
- (N) CONC. STEP W/ RISER AT 7-3/4"H MAX. & THREAD AT 11"W.
- (N) PORTICO ROOF ABOVE.
- (N) CONC. LANDING.
- (N) 6'-0"W MAIN ENTRANCE DOOR.
- (N) GARAGE DOOR.
- (N) MAN DOOR.
- (N) SLIDING DOOR.
- (N) BI-FOLD DOOR.

26. (N) HARDSCAPE
27. NOT USED.

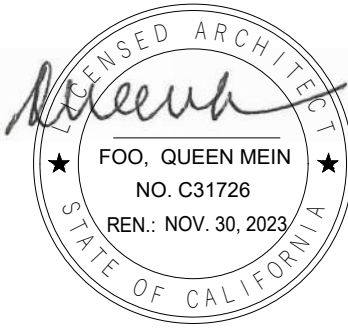
LEGEND

- OHU (E) OVERHEAD UTILITY (ELECT) LINE TO REMAIN, U.O.N.
WM (N) WATER METER. SEE CIVIL SHEET C2.

JURISDICTION APPROVAL STAMP



1 PROPOSE SITE - FIRST FLOOR PLAN
SCALE: 3/32" = 1'-0"



PROJECT

NANDELL HOUSE
Single Family House Rebuild

630 NANDELL LN.
LOS ALTOS, CA 94024

SITE APPROVAL PERMIT APPLICATION #:
PLN23-063

REV.	DATE	DESCRIPTION
1	5.13.2023	BLDG SITE A P BACK-CHECK

DATE 12.1.2022
PROJECT NO. 22.10
SHEET TITLE

SITE
TREE PRESERVATION
&
REMOVAL

SHEET NO.

A1.0B

GENERAL NOTES

- A. REFER TO THE FOLLOWINGS:
1. SHEET A0.1 FOR NOTES, SYMBOLS & ABBREVIATIONS.
2. SHEET A1.0 FOR PROPOSE SITE PLAN.
3. SHEET 1 FOR TOPOGRAPHIC SURVEY.
- B. ALL DIMENSIONS ARE TO BE TAKEN TO THE FACE OF FINISH WALLS, U.O.N.
EXTERIOR WALL DIMENSIONS ARE TAKEN TO THE EXTERIOR FACE OF STUD, U.O.N. FOS = FACE OF STUD.

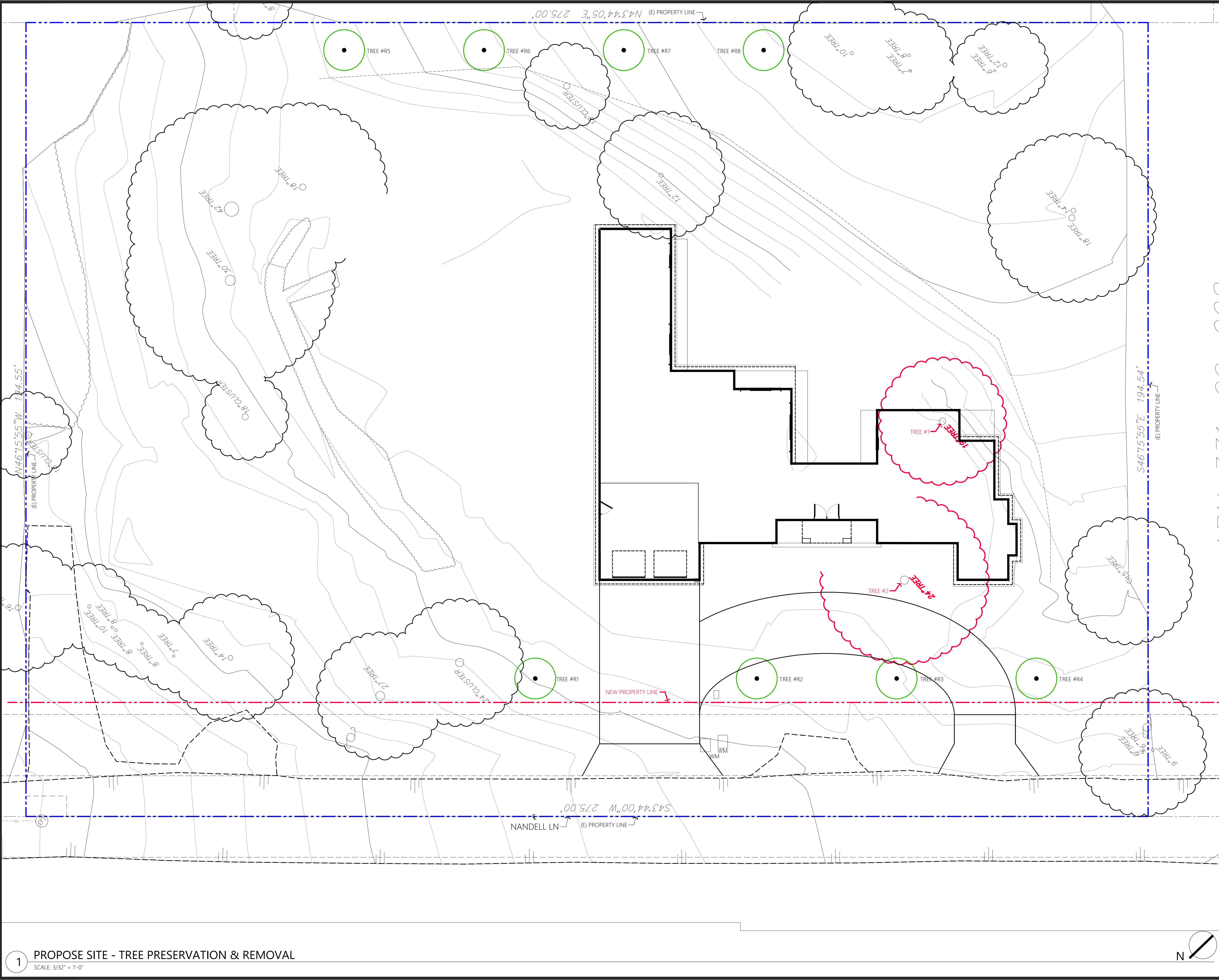
TREE REMOVAL SUMMARY

TREE #	COMMON NAME	DBH (IN)
1	COAST LIVE OAK (QUERCUS AGRIFOLIA)	19"
2		24"

TREE REPLACEMENT SUMMARY

TREE #	QTY	COMMON NAME	SIZE
R1 - R8	8	COAST LIVE OAK (QUERCUS AGRIFOLIA)	15 GALLONS EA

JURISDICTION APPROVAL STAMP





CALIFORNIA WATER SERVICE

Los Altos District 949 B Street
Los Altos, CA 94024 Tel: (650) 917-0152

Q ARCHITECTS
630 NANDELL LN
LOS ALTOS, CA 94024

The results of the fire flow test that were requested for the address above are as follows:

DATE TESTED: 06/07/2023
TIME TESTED: 12:15
WEATHER: Sunny
FLOWED BY: California Water Service Company
STATIC PSI: 80
RESIDUAL PSI: 60
G.P.M. OBSERVED: 1358
AVAILABLE @ 20 PSI: 2456
LOCATION FLOW TESTED: 614 NANDELL LN
HYDRANT NUMBER: LAS-938
ELEVATION: 280'
HYDRANT TYPE: CLOW 96d
MAIN: 8" PVC
PRESSURE ZONE = 645 / pressure zone

NOTES:

1. Regardless of the results of this test California Water Service assumes no liability beyond that stated in the following excerpt from the P.U.D. tariff schedule: "the utility California Water Service will supply only such pressure as may be available from time to time as result of its normal operation of the system."
2. The elevation at hydrant provided is an estimate. There also is likely to be an elevation difference from your house to where the hydrant was flowed. Please take distance and elevation into consideration in design and in calculations for your fire protection system.
3. A reduced pressure principle (RP) backflow prevention assembly will be required on this fire service, unless a sprinkler system design review and water use survey is completed by California Water Service in advance of system installation. A lower level of backflow prevention may be permitted based on a sprinkler system design review, and a water use survey.
4. Contact California Water Service Company at inquiries@calwater.com to submit your design that has been reviewed and approved by the required City, County or State municipal and fire agencies to initiate the service upgrade and backflow inspection process.

Sean Cabring
California Water Service
Distribution Dept.

Quality. Service. Value.SM
calwater.com

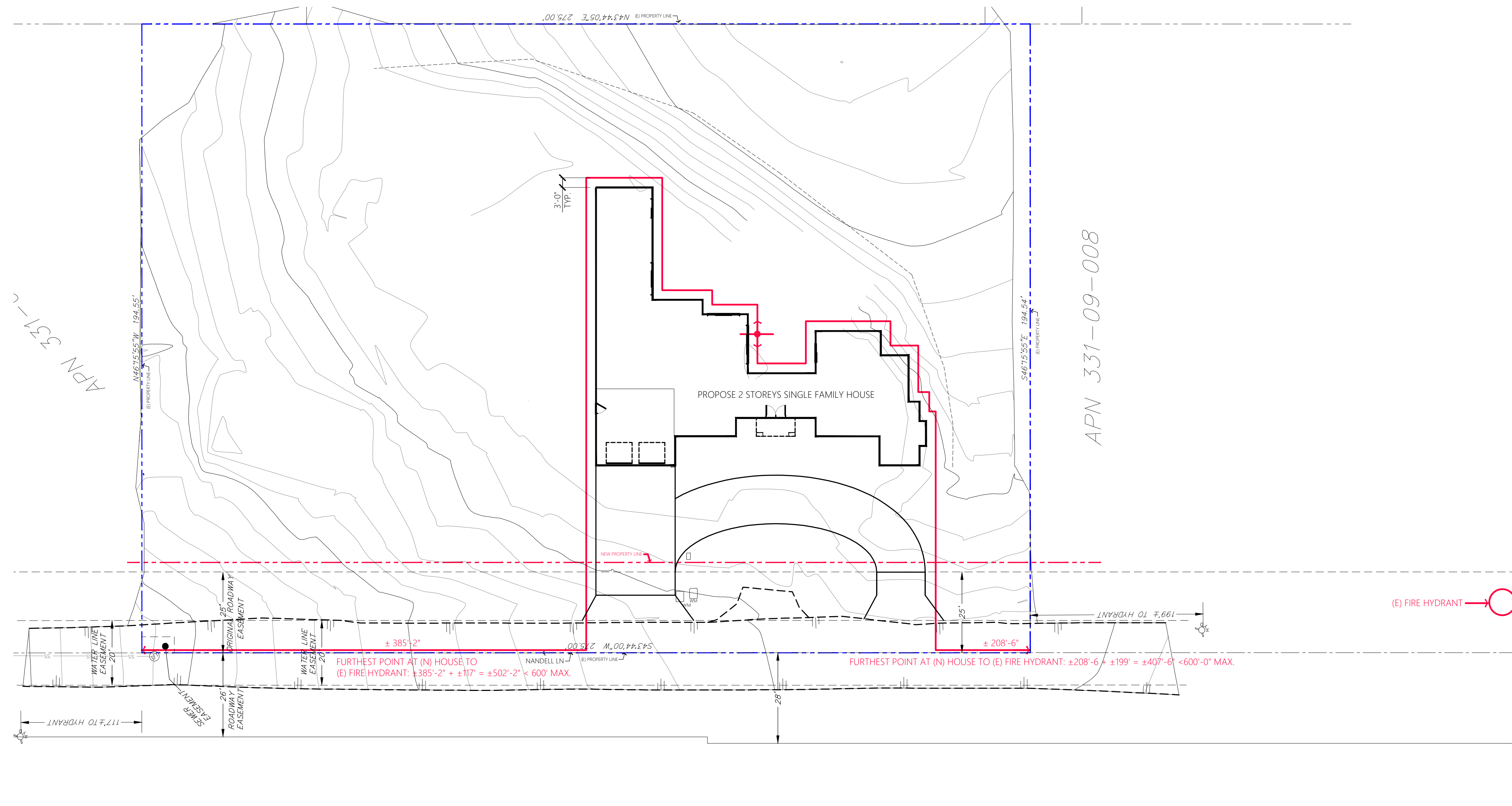
NANDELL HOUSE
Single Family House Rebuild

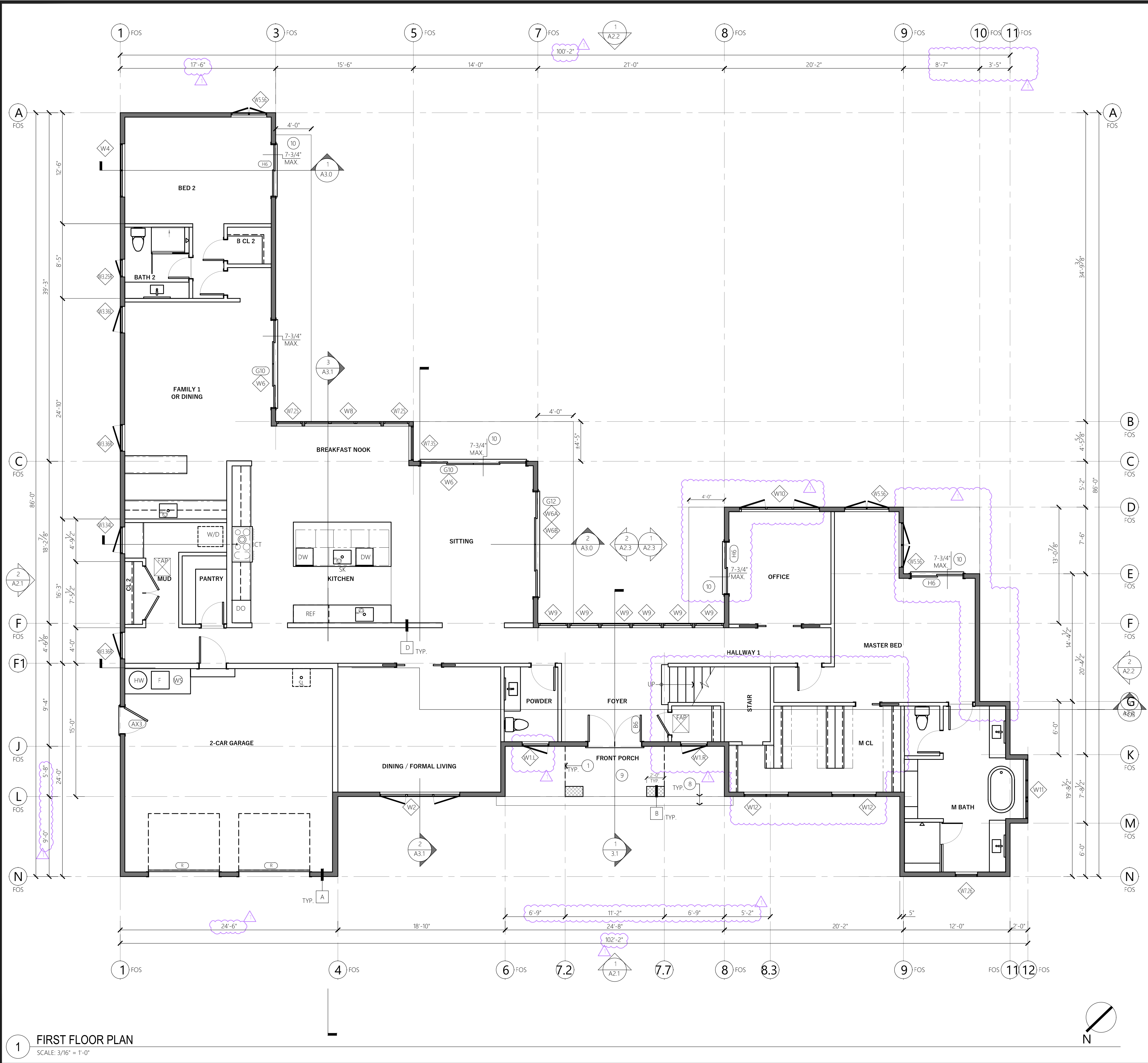
630 NANDELL LN.
LOS ALTOS, CA 94024

[illegible]

SITE -
(E) FIRE HYDRANT

SHEET NO. A1.0C





1 FIRST FLOOR PLAN
SCALE: 3/16" = 1'-0"

LEGEND

(N) EXTERIOR CEMENT PLASTER WALL: 2X6 STUDS AT 16" O.C. MAX. W/ EXTERIOR 7/8" THK. CEMENT PLASTER O/ WIRE MESH O/ (2) LAYERS OF BUILDING PAPERS O/ PLYWD. SHEATHING AT EXTERIOR FACE OF STUDS, GYP. BD. AT INTERIOR FACE OF STUDS, & R21 WALL INSULATION. NON-RATED.

(N) EXTERIOR CEMENT PLASTER PORTICO: (2) 2X6 STUDS AT 16" O.C. MAX. W/ EXTERIOR 7/8" THK. CEMENT PLASTER O/ WIRE MESH O/ (2) LAYERS OF BUILDING PAPERS O/ PLYWD. SHEATHING. NON-RATED.

(N) EXTERIOR WD. SIDING WALL: NOT USED.

(N) INTERIOR GYP. BD. PARTITION: (N) 2X STUDS W/ GYP. BD. AT EA. SIDE. USE CEMENT BD. AT WET AREA. NON-RATED.

(N) DOOR
(N) DOOR FRAME

(N) DOOR TAG: SEE SHEET A7.0 FOR DOOR SCHEDULE.

(N) WINDOW & FRAME

(N) WINDOW TAG: SEE SHEET A7.1 FOR WINDOW SCHEDULE.

GENERAL NOTES

A. REFER TO THE FOLLOWINGS:
1. SHEET A0.1 FOR NOTES, SYMBOLS AND ABBREVIATIONS.
2. SHEET A7.0 FOR DOOR & WINDOW SCHEDULES.

B. ALL DIMENSIONS ARE TO BE TAKEN TO THE FACE OF FINISH WALLS, U.O.N.
EXTERIOR WALL DIMENSIONS ARE TAKEN TO THE EXTERIOR FACE OF STUD, U.O.N. FOS = FACE OF STUD.

KEYNOTES #

1. (N) EXTERIOR WD. SOFFIT UNDER PARAPET ROOF ABOVE. SEE SHEET A1.2 SECOND FLOOR PLAN.

2. NOT USED.

3. NOT USED.

4. NOT USED.

5. NOT USED.

6. NOT USED.

7. NOT USED.

8. (N) CONC. STEP W/ RISER AT 7-3/4" MAX. & THREAD AT 11"W.

9. (N) CONC. PATIO.

10. (N) HARDSCAPE.

JURISDICTION APPROVAL STAMP

SITE APPROVAL PERMIT APPLICATION #:
PLN23-063

REV.	DATE	DESCRIPTION
	3.24.2023	SITE DEVELOPMENT
	4.7.2023	BUILDING SITE APPROVAL PERMIT
	5.13.2023	BLDG SITE A P BACK-CHECK

DATE 12.1.2022
PROJECT NO. 22.10
SHEET TITLE

FIRST FLOOR PLAN

SHEET NO.

A1.1

Q ARCHITECTS

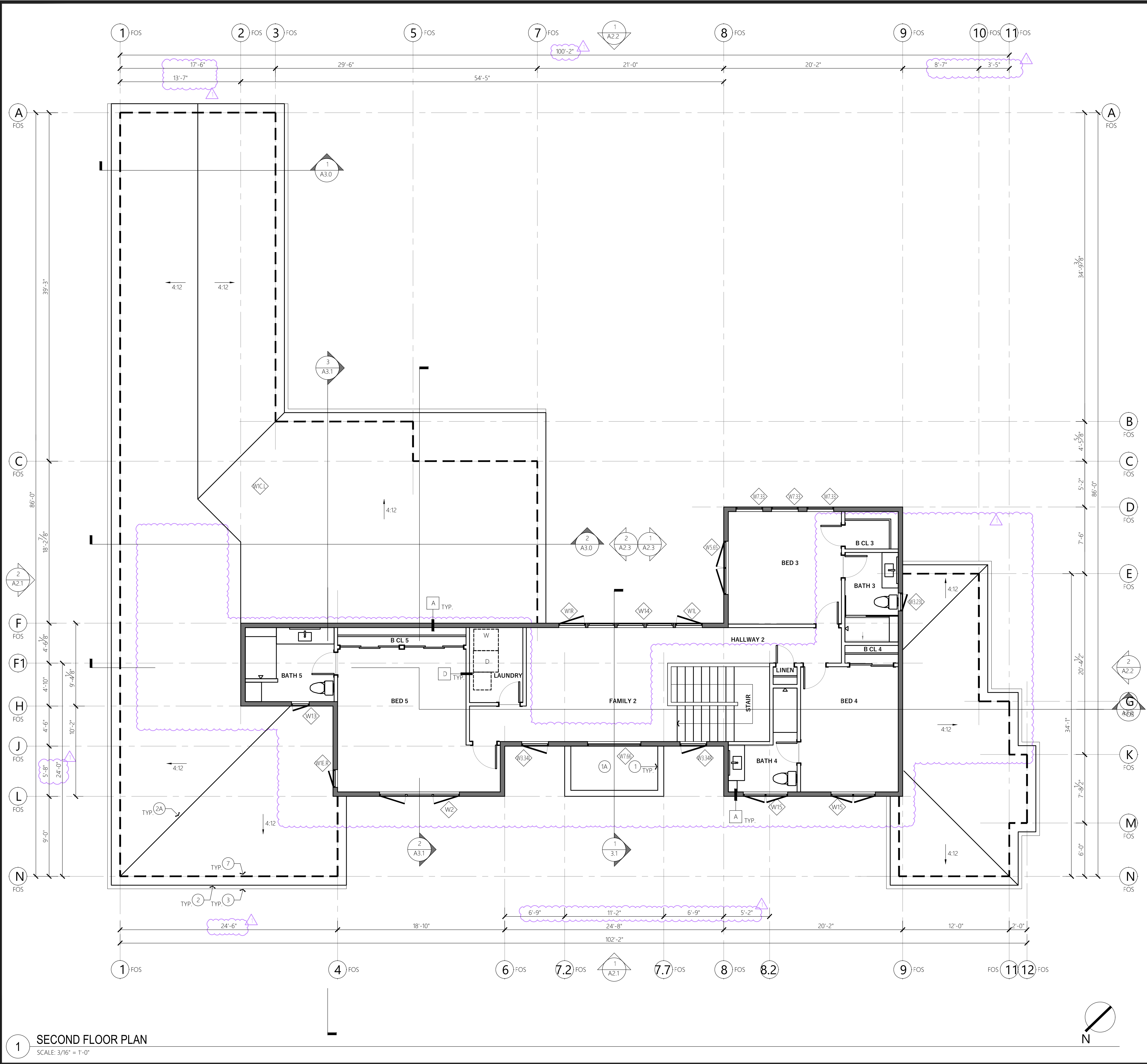
SUNNYVALE, CA 94087
T: 408.375.7296
E: QFOO@QARCHITX.COM

FOO, QUEEN MEIN
NO. C31726
REN.: NOV. 30, 2023

NANDELL HOUSE

Single Family House Rebuild

630 NANDELL LN.
LOS ALTOS, CA 94024



1 SECOND FLOOR PLAN
SCALE: 3/16" = 1'-0"

LEGEND

(N) EXTERIOR CEMENT PLASTER WALL:
2X6 STUDS AT 16" O.C. MAX. W/
EXTERIOR 7/8" THK. CEMENT PLASTER
O/ WIRE MESH O/ (2) LAYERS OF
BUILDING PAPERS O/ PLYWD.
SHEATHING AT EXTERIOR FACE OF
STUDS & R21 WALL INSULATION.
NON-RATED.

(N) EXTERIOR CEMENT PLASTER
PORTICO:
(2) 2X6 STUDS AT 16" O.C. MAX. W/
EXTERIOR 7/8" THK. CEMENT PLASTER
O/ WIRE MESH O/ (2) LAYERS OF
BUILDING PAPERS O/ PLYWD.
SHEATHING. NON-RATED.

(N) EXTERIOR WD. SIDING WALL:
NOT USED.

(N) INTERIOR GYP. BD. PARTITION:
(N) 2X STUDS W/ GYP. BD. AT EA. SIDE.
USE CEMENT BD. AT WET AREA.
NON-RATED.

(N) DOOR
(N) DOOR FRAME

(N) DOOR TAG:
SEE SHEET A7.0 FOR DOOR SCHEDULE.

(N) WINDOW & FRAME

(N) WINDOW TAG:
SEE SHEET A7.1 FOR WINDOW
SCHEDULE.

GENERAL NOTES

A. REFER TO THE FOLLOWINGS:
1. SHEET A0.1 FOR NOTES, SYMBOLS AND ABBREVIATIONS.
2. ALL DIMENSIONS ARE TO BE TAKEN TO THE FACE OF FINISH WALLS, U.O.N. EXTERIOR WALL DIMENSIONS ARE TAKEN TO THE EXTERIOR FACE OF STUD, U.O.N. FOS = FACE OF STUD.

KEYNOTES #

1. (N) EXTERIOR ROOF PARAPET.
1A. (N) EXTERIOR SINGLE PLY FLAT ROOF.
2. (N) COMPOSITION ROOF.
2A. (N) COMPOSITION ROOF RIDGE.
3. (N) GALV. SHEET METAL GUTTER.
4. NOT USED.
5. NOT USED.
6. NOT USED.
7. OUTLINE OF (N) EXTERIOR WALL BELOW. SEE SHEET A1.1 FIRST FLOOR PLAN.

JURISDICTION APPROVAL STAMP

Q ARCHITECTS
SUNNYVALE, CA 94087
T: 408.375.7296
E: QFOO@QARCHITX.COM

QFOO
FOO, QUEEN MEIN
NO. C31726
REN.: NOV. 30, 2023

PROJECT

NANDELL HOUSE
Single Family House Rebuild

630 NANDELL LN.
LOS ALTOS, CA 94024

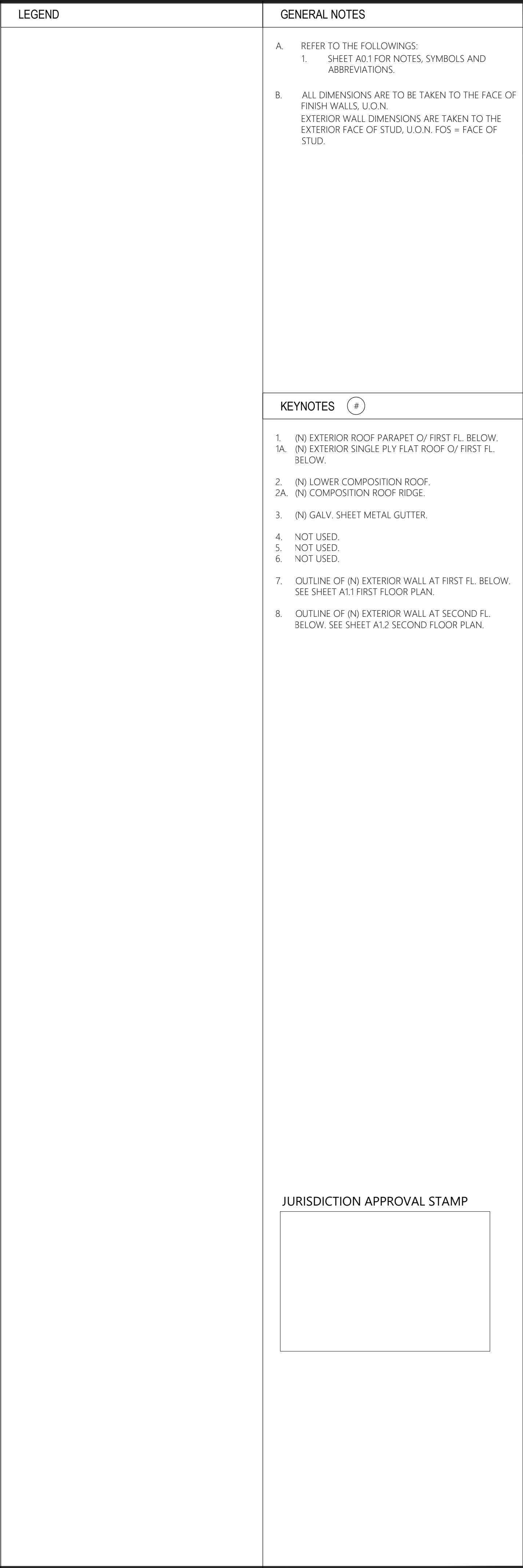
SITE APPROVAL PERMIT APPLICATION #: PLN23-063

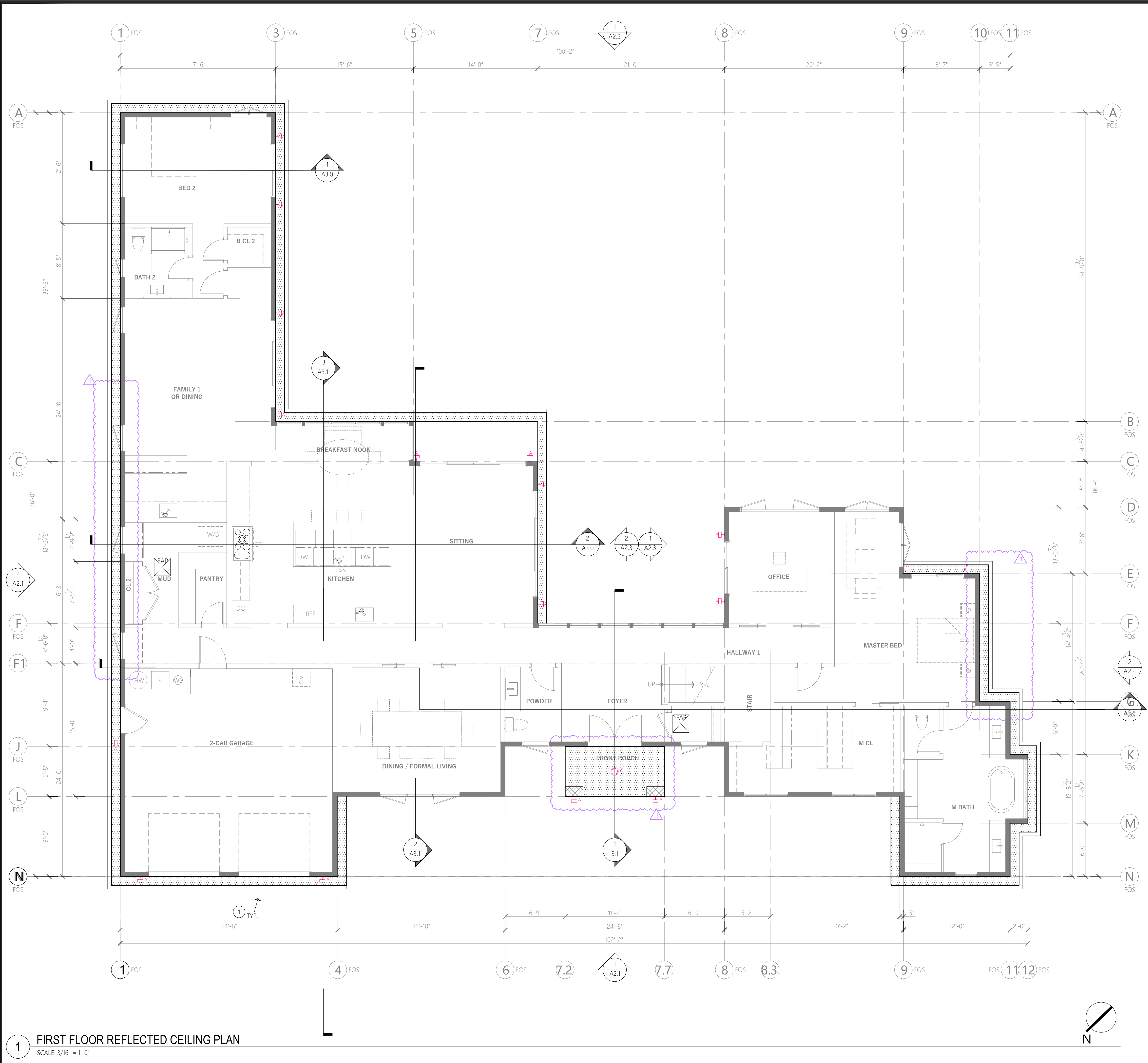
REV.	DATE	DESCRIPTION
	3.24.2023	SITE DEVELOPMENT
	4.7.2023	BUILDING SITE APPROVAL PERMIT
	5.13.2023	BLDG SITE A P BACK-CHECK

DATE 12.1.2022
PROJECT NO. 22.10
SHEET TITLE

SECOND FLOOR PLAN

SHEET NO. **A1.1A**





1 FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

LEGEND

(N) EXTERIOR LIGHT FIXTURE TYPE A:
WALL MOUNTED LED FIXTURE.

(N) EXTERIOR LIGHT FIXTURE TYPE B:
CEILING (SURFACE) MOUNTED LED LIGHT
FIXTURE.

(N) EXTERIOR CEMENT PLASTER SOFFIT.
NON-RATED.
SEE SHEET A2.0 EXTERIOR FINISH PALETTE
FOR SPECIFICATION.

GENERAL NOTES

A. REFER TO THE FOLLOWINGS:
1. SHEET A0.1 FOR NOTES, SYMBOLS AND
ABBREVIATIONS.

B. ALL DIMENSIONS ARE TO BE TAKEN TO THE FACE OF
FINISH WALLS, U.O.N.
EXTERIOR WALL DIMENSIONS ARE TAKEN TO THE
EXTERIOR FACE OF STUD, U.O.N. FOS = FACE OF
STUD.

KEYNOTES #

1. (N) GALV. SHEET METAL GUTTER.

JURISDICTION APPROVAL STAMP

REV.	DATE	DESCRIPTION
3.24.2023		SITE DEVELOPMENT
4.7.2023		BUILDING SITE APPROVAL PERMIT
5.13.2023		BLDG SITE A P BACK-CHECK

DATE 12.1.2022
PROJECT NO. 22.10
SHEET TITLE

FIRST FLOOR
REFLECTED CEILING PLAN

SHEET NO.

Q
ARCHITECTS
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FOO, QUEEN MEIN
NO. C31726
REN.: NOV. 30, 2023

PROJECT

NANDELL HOUSE
Single Family House Rebuild

630 NANDELL LN.
LOS ALTOS, CA 94024

SITE APPROVAL PERMIT APPLICATION #: PLN23-063

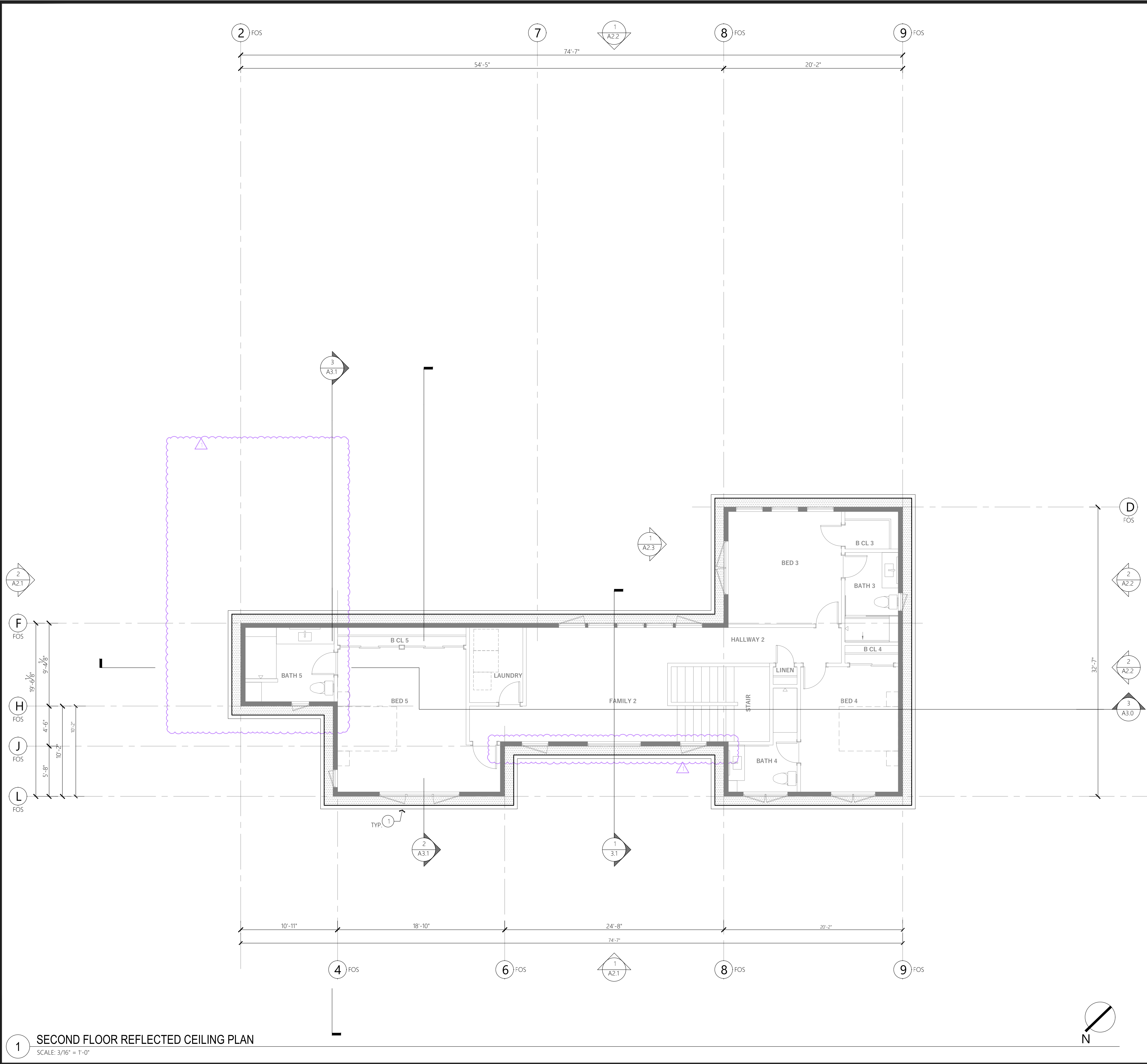
REV.	DATE	DESCRIPTION
3.24.2023		SITE DEVELOPMENT
4.7.2023		BUILDING SITE APPROVAL PERMIT
5.13.2023		BLDG SITE A P BACK-CHECK

DATE 12.1.2022
PROJECT NO. 22.10
SHEET TITLE

FIRST FLOOR
REFLECTED CEILING PLAN

SHEET NO.

A1.3



1 SECOND FLOOR REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

LEGEND

(N) EXTERIOR LIGHT FIXTURE TYPE A:
WALL MOUNTED LED FIXTURE.

(N) EXTERIOR LIGHT FIXTURE TYPE B:
CEILING (SURFACE) MOUNTED LED LIGHT
FIXTURE.

(N) EXTERIOR CEMENT PLASTER SOFFIT.
NON-RATED.
SEE SHEET A2.0 EXTERIOR FINISH PALETTE
FOR SPECIFICATION.

GENERAL NOTES

A. REFER TO THE FOLLOWINGS:
1. SHEET A0.1 FOR NOTES, SYMBOLS AND
ABBREVIATIONS.

B. ALL DIMENSIONS ARE TO BE TAKEN TO THE FACE OF
FINISH WALLS, U.O.N.
EXTERIOR WALL DIMENSIONS ARE TAKEN TO THE
EXTERIOR FACE OF STUD, U.O.N. FOS = FACE OF
STUD.

KEYNOTES

1. (N) GALV. SHEET METAL GUTTER.

JURISDICTION APPROVAL STAMP

Q
ARCHITECTS
SUNNYVALE, CA 94087
T: 408.375.7296
E: QFOO@QARCHITX.COM

Queen
FOO, QUEEN MEIN
NO. C31726
REN.: NOV. 30, 2023
STATE OF CALIFORNIA

PROJECT

NANDELL HOUSE
Single Family House Rebuild
630 NANDELL LN.
LOS ALTOS, CA 94024

SITE APPROVAL PERMIT APPLICATION #:
PLN23-063

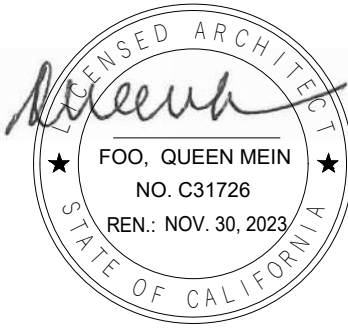
REV.	DATE	DESCRIPTION
	3.24.2023	SITE DEVELOPMENT
	4.7.2023	BUILDING SITE APPROVAL PERMIT
	5.13.2023	BLDG SITE A P BACK-CHECK

DATE 12.1.2022
PROJECT NO. 22.10
SHEET TITLE

SECOND FLOOR
REFLECTED CEILING PLAN

SHEET NO.

A1.3A



PROJECT

NANDELL HOUSE

Single Family House Rebuild

630 NANDELL LN.
LOS ALTOS, CA 94024

SITE APPROVAL PERMIT APPLICATION #:
PLN23-063

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	4.7.2023	BUILDING SITE APPROVAL PERMIT
△	5.13.2023	BLDG SITE A P BACK-CHECK

DATE 12.1.2022
PROJECT NO. 22.10
SHEET TITLE

EXTERIOR
FINISH MATERIAL
PALETTE

SHEET NO.

A2.0

SW 7543

Avenue Tan

FULL DETAILS ^

LRV: 44 ⓘ

RGB: 188 / 176 / 153

Hex Value: #BCB099

Location Number: 286-C4

EXTERIOR SIDING WALL, FASCIA, GUTTER & EXTERIOR METAL GARAGE DOORS - PAINT COLOR:
MANUFACTURER: SHERWIN WILLIAMS
COLOR: AVENUE TAN SW 7543
LRV: 44

COMPOSITION ROOFING:
MANUFACTURER: CERTAINTEED
STYLE: PRESIDENTIAL SHAKE TL
COLOR: SHADOW GREY
TYPE: 3 PIECE LAMINATED FIBER GLASS CONST.
CERTIFICATIONS: UL CLASS A FIRE RATING
UL CERTIFIED FOR ASTM D3462
UL CERTIFIED FOR ASTM D3018 FOR TYPE 1
ASTM D3161, CLASS F, 110 MPL WIND RESISTANCE
CONFORMS TO CSA STANDARD A123.5

EXTERIOR CEMENT PLASTER WALL, & SOFFIT:
MATERIAL FINISH LEVEL: SMOOTH

PAINT COLOR:
MANUFACTURER: LA HABRA
COLOR: FALLBROOK X-434
LRV: 42

Fallbrook
X-434 (42)
Base 200

EXTERIOR CEMENT PORTICO - PAINT COLOR:
MANUFACTURER: LA HABRA
COLOR: CHARLESTON 81585
LRV: 35

Charleston
81585 (35)
Base 100

EXTERIOR WINDOW
MANUFACTURER: JELDWEN
TYPE: CUSTOM WOOD CLAD WINDOW
MATERIAL: WD FIBER & SYNTHETIC POLYMER
COLLECTION: CASEMENT FRENCH PUSH OUT
FRAME COLOR: LUXURY BRONZE
GLASS: DOUBLE PANE

Luxury Bronze

JURISDICTION APPROVAL STAMP



PROJECT

NANDELL HOUSE
Single Family House Rebuild
630 NANDELL LN.
LOS ALTOS, CA 94024

SITE APPROVAL PERMIT APPLICATION #:
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REV.	DATE	DESCRIPTION
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	4.7.2023	BUILDING SITE APPROVAL PERMIT
△	5.13.2023	BLDG SITE A P BACK-CHECK

DATE 12.1.2022
PROJECT NO. 22.10
SHEET TITLE

EXTERIOR ELEVATIONS

SHEET NO.

A2.1

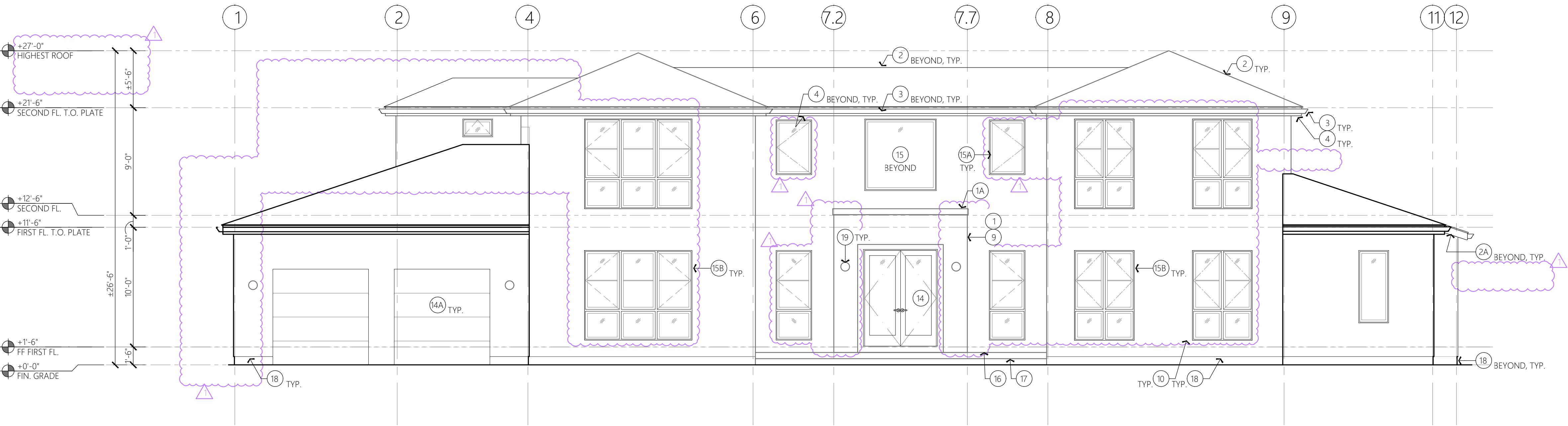
GENERAL NOTES

- A. REFER TO THE FOLLOWINGS:
1. SHEET A0.1 FOR NOTES, SYMBOLS AND ABBREVIATIONS.
 2. SHEETS A1.1, A1.1A & A7.0 FOR DOOR SCHEDULES.
 3. SHEETS A1.1, A1.1A & A7.1 FOR WINDOW SCHEDULES.
 4. SHEETS A2.0 FOR EXTERIOR FINISH MATERIAL PALETTE.
- B. ALL DIMENSIONS ARE TO BE TAKEN TO THE FACE OF FINISH WALLS, U.O.N.
EXTERIOR WALL DIMENSIONS ARE TAKEN TO THE EXTERIOR FACE OF STUD, U.O.N. FOS = FACE OF STUD.
- C. ALL (N) EXTERIOR WALL FINISH TO BE CEMENT PLASTER, U.O.N.

KEYNOTES #

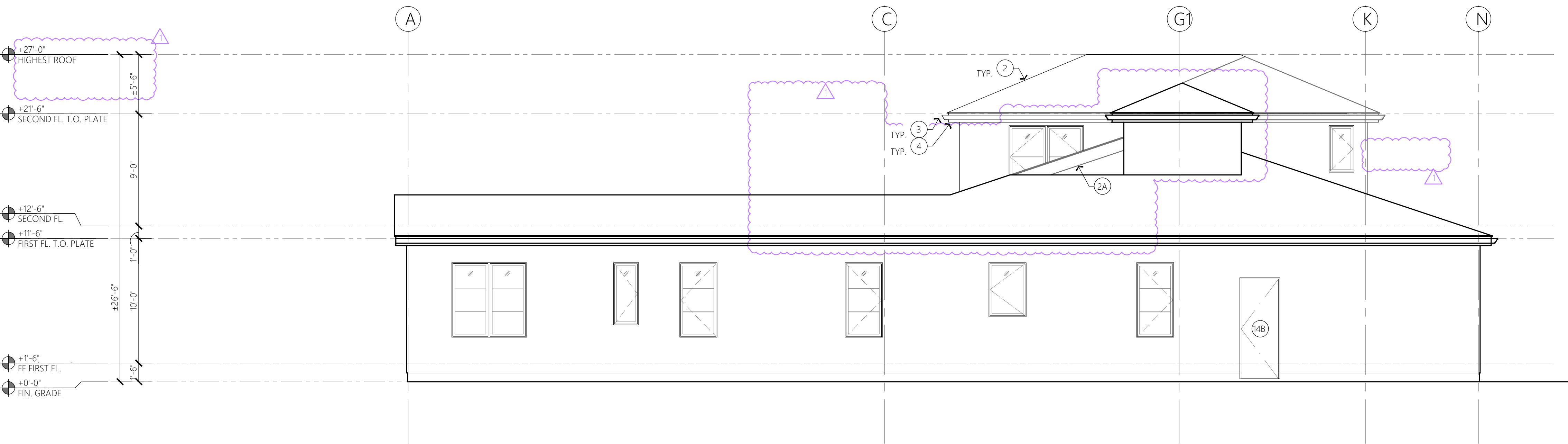
1. (N) CEMENT PLASTER ROOF PARAPET.
- 1A. (N) STONE PARAPET CAP.
2. (N) COMPOSITION ROOF.
- 2A. (N) RAKE ROOF RAFTER.
3. (N) GALV. SHEET METAL GUTTER.
4. (N) EXTERIOR WD. FASCIA.
5. (N) EXTERIOR WD. SOFFIT.
- 5A. (N) EXTERIOR FIBER CEMENT SOFFIT BD. [HARDIE SOFFIT BD. OR APPROVED EQUAL].
6. NOT USED.
7. NOT USED.
8. NOT USED.
9. (N) EXTERIOR CEMENT PLASTER PILASTER.
10. NOT USED.
11. NOT USED.
12. NOT USED.
13. NOT USED.
14. (N) EXTERIOR MAIN DOOR.
- 14A. (N) EXTERIOR GARAGE DOOR.
- 14B. (N) EXTERIOR MAN DOOR.
- 14C. (N) EXTERIOR SLIDING PATIO DOORS.
- 14D. (N) EXTERIOR BI-FOLD DOORS.
15. (N) EXTERIOR FIXED WINDOW.
- 15A. (N) EXTERIOR CASEMENT WINDOW.
- 15B. (N) EXTERIOR CASEMENT + FIXED WINDOW.
16. (N) EXTERIOR CONC. PATIO.
17. (N) EXTERIOR CONC. STEP W/ RISER AT 7-3/4"H MAX. & RISER AT 11"W.
18. (N) EXTERIOR CONC. STEM WALL.
19. (N) WALL MOUNTED LIGHT FIXTURE.
20. OUTLINE OF (N) EXTERIOR WALL SECTION.

JURISDICTION APPROVAL STAMP



1 EXTERIOR ELEVATION: NORTH-WEST

SCALE: 3/16" = 1'-0"



2 EXTERIOR ELEVATION: NORTH-EAST

SCALE: 3/16" = 1'-0"



Single Family House Rebuild

630 NANDELL LN.
LOS ALTOS, CA 94024

SITE APPROVAL PERMIT APPLICATION #:
PLN23-063

REV.	DATE	DESCRIPTION
	3.24.2023	SITE DEVELOPMENT
	4.7.2023	BUILDING SITE APPROVAL PERMIT
1	5.13.2023	BLDG SITE A P BACK-CHECK

DATE	12.1.2022
PROJECT NO.	22.10
SHEET TITLE	

EXTERIOR ELEVATIONS

SHEET NO.

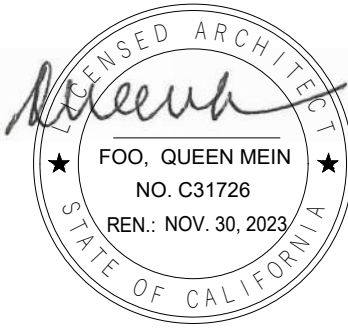
A2.2

- A. REFER TO THE FOLLOWINGS:
 1. SHEET A01 FOR NOTES, SYMBOLS AND ABBREVIATIONS.
 2. SHEETS A11, A11A & A7.0 FOR DOOR SCHEDULES.
 3. SHEETS A11, A11A & A7.1 FOR WINDOW SCHEDULES.
 4. SHEETS A2.0 FOR EXTERIOR FINISH MATERIAL PALETTE.
- B. ALL DIMENSIONS ARE TO BE TAKEN TO THE FACE OF FINISH WALLS, U.O.N.
EXTERIOR WALL DIMENSIONS ARE TAKEN TO THE EXTERIOR FACE OF STUD, U.O.N. FOS = FACE OF STUD.
- C. ALL (N) EXTERIOR WALL FINISH TO BE CEMENT PLASTER, U.O.N.

1. (N) CEMENT PLASTER ROOF PARAPET.
- 1A. (N) STONE PARAPET CAP.
2. (N) COMPOSITION ROOF.
- 2A. (N) RAKE ROOF RAFTER.
3. (N) GALV. SHEET METAL GUTTER.
3. (N) EXTERIOR WD. FASCIA.
4. (N) EXTERIOR WD. SOFFIT.
- 5A. (N) EXTERIOR FIBER CEMENT SOFFIT BD. [HARDBE SOFFIT BD. OR APPROVED EQUAL].
6. NOT USED.
7. NOT USED.
8. NOT USED.
9. (N) EXTERIOR CEMENT PLASTER PILASTER.
10. NOT USED.
11. NOT USED.
12. NOT USED.
13. NOT USED.
14. (N) EXTERIOR MAIN DOOR.
- 14A. (N) EXTERIOR GARAGE DOOR.
- 14B. (N) EXTERIOR MAN DOOR.
- 14C. (N) EXTERIOR SLIDING PATIO DOORS.
- 14D. (N) EXTERIOR BI-FOLD DOORS.
15. (N) EXTERIOR FIXED WINDOW.
- 15A. (N) EXTERIOR CASEMENT WINDOW.
- 15B. (N) EXTERIOR CASEMENT + FIXED WINDOW.
16. (N) EXTERIOR CONC. PATIO.
17. (N) EXTERIOR CONC. STEP W/ RISER AT 7-3/4" H MAX. & RISER AT 11" W.
18. (N) EXTERIOR CONC. STEM WALL.
19. (N) WALL MOUNTED LIGHT FIXTURE.
20. OUTLINE OF (N) EXTERIOR WALL SECTION.



DATE	12.1.2022
PROJECT NO.	22.10
SHEET TITLE	



PROJECT

NANDELL HOUSE
Single Family House Rebuild
630 NANDELL LN.
LOS ALTOS, CA 94024

SITE APPROVAL PERMIT APPLICATION #:
PLN23-063

REV.	DATE	DESCRIPTION
	3.24.2023	SITE DEVELOPMENT
	4.7.2023	BUILDING SITE APPROVAL PERMIT
	5.13.2023	BLDG SITE A P BACK-CHECK

DATE 12.1.2022
PROJECT NO. 22.10
SHEET TITLE

EXTERIOR ELEVATIONS

SHEET NO.

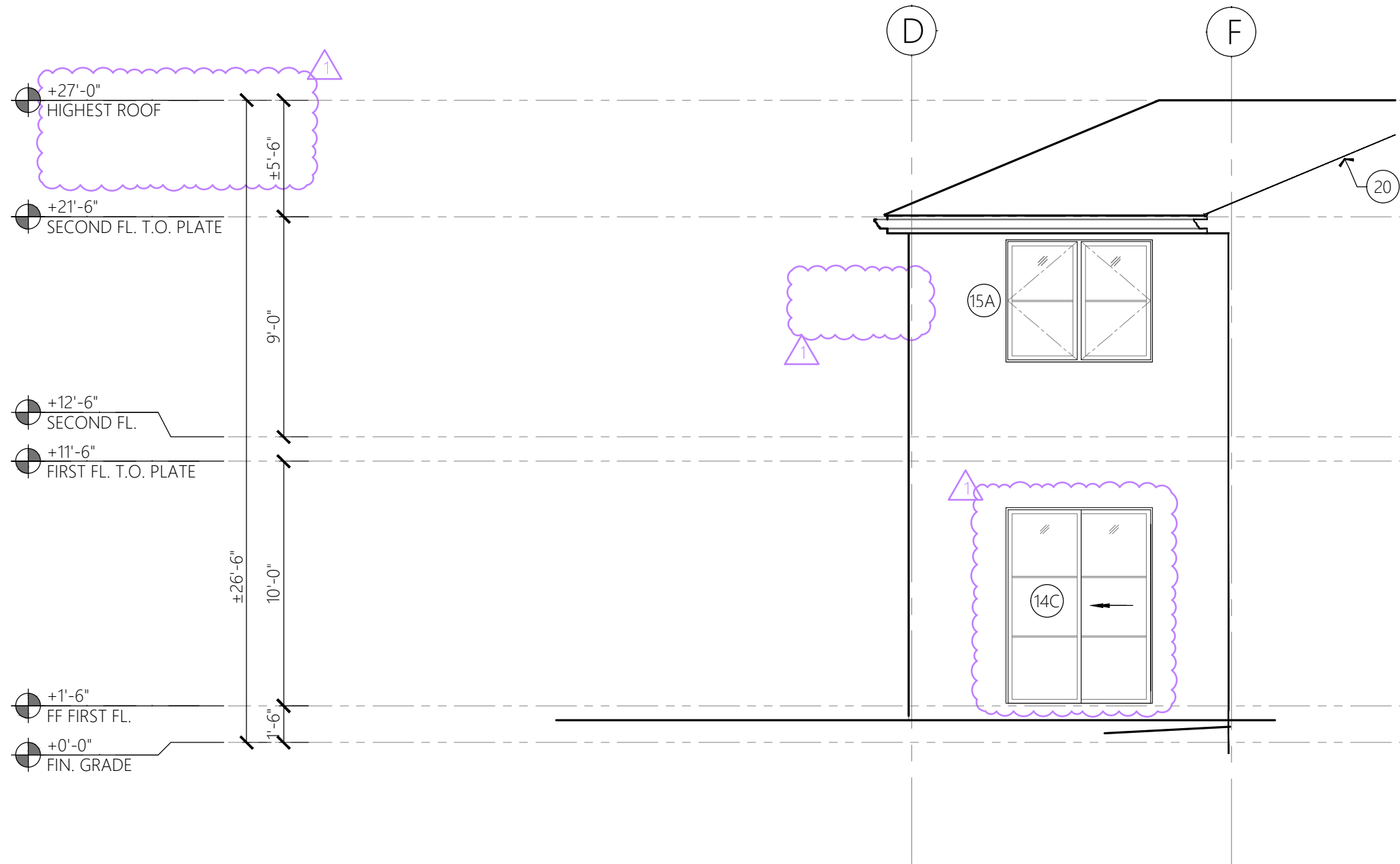
A2.3

GENERAL NOTES

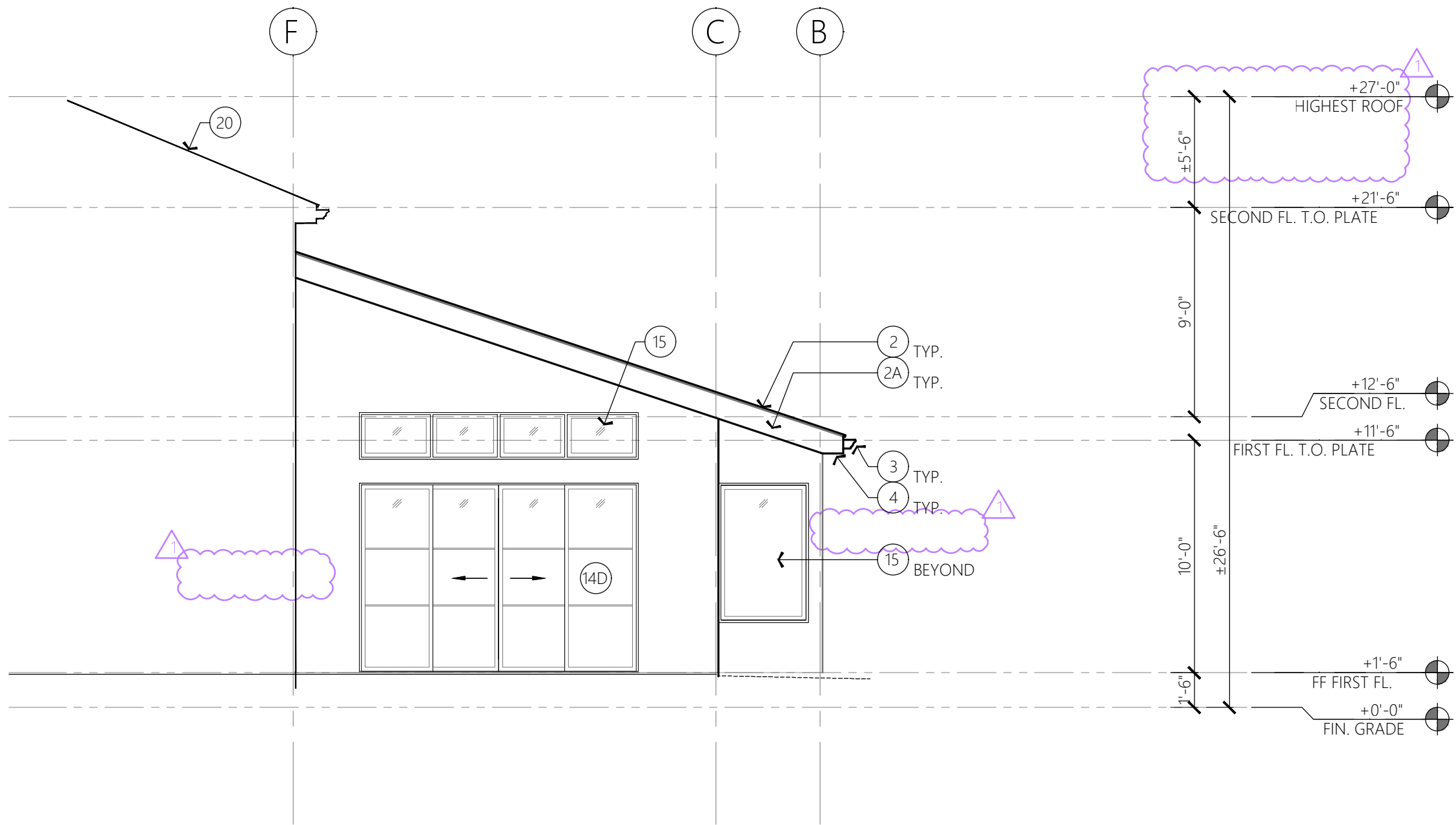
- A. REFER TO THE FOLLOWINGS:
- SHEET A0.1 FOR NOTES, SYMBOLS AND ABBREVIATIONS.
 - SHEETS A1.1, A1.1A & A7.0 FOR DOOR SCHEDULES.
 - SHEETS A1.1, A1.1A & A7.1 FOR WINDOW SCHEDULES.
 - SHEETS A2.0 FOR EXTERIOR FINISH MATERIAL PALETTE.
- B. ALL DIMENSIONS ARE TO BE TAKEN TO THE FACE OF FINISH WALLS, U.O.N.
EXTERIOR WALL DIMENSIONS ARE TAKEN TO THE EXTERIOR FACE OF STUD, U.O.N. FOS = FACE OF STUD.
- C. ALL (N) EXTERIOR WALL FINISH TO BE CEMENT PLASTER, U.O.N.

KEYNOTES #

- (N) CEMENT PLASTER ROOF PARAPET.
- (N) STONE PARAPET CAP.
- (N) COMPOSITION ROOF.
- (N) RAKE ROOF RAFTER.
- (N) GALV. SHEET METAL GUTTER.
- (N) EXTERIOR WD. FASCIA.
- (N) EXTERIOR WD. SOFFIT.
- (N) EXTERIOR FIBER CEMENT SOFFIT BD. [HARDIE SOFFIT BD. OR APPROVED EQUAL].
- NOT USED.
- NOT USED.
- NOT USED.
- (N) EXTERIOR CEMENT PLASTER PILASTER.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- (N) EXTERIOR MAIN DOOR.
- (N) EXTERIOR GARAGE DOOR.
- (N) EXTERIOR MAN DOOR.
- (N) EXTERIOR SLIDING PATIO DOORS.
- (N) EXTERIOR BI-FOLD DOORS.
- (N) EXTERIOR FIXED WINDOW.
- (N) EXTERIOR CASEMENT WINDOW.
- (N) EXTERIOR CASEMENT + FIXED WINDOW.
- (N) EXTERIOR CONC. PATIO.
- (N) EXTERIOR CONC. STEP W/ RISER AT 7-3/4"H MAX. & RISER AT 11"W.
- (N) EXTERIOR CONC. STEM WALL.
- (N) WALL MOUNTED LIGHT FIXTURE.
- OUTLINE OF (N) EXTERIOR WALL SECTION.



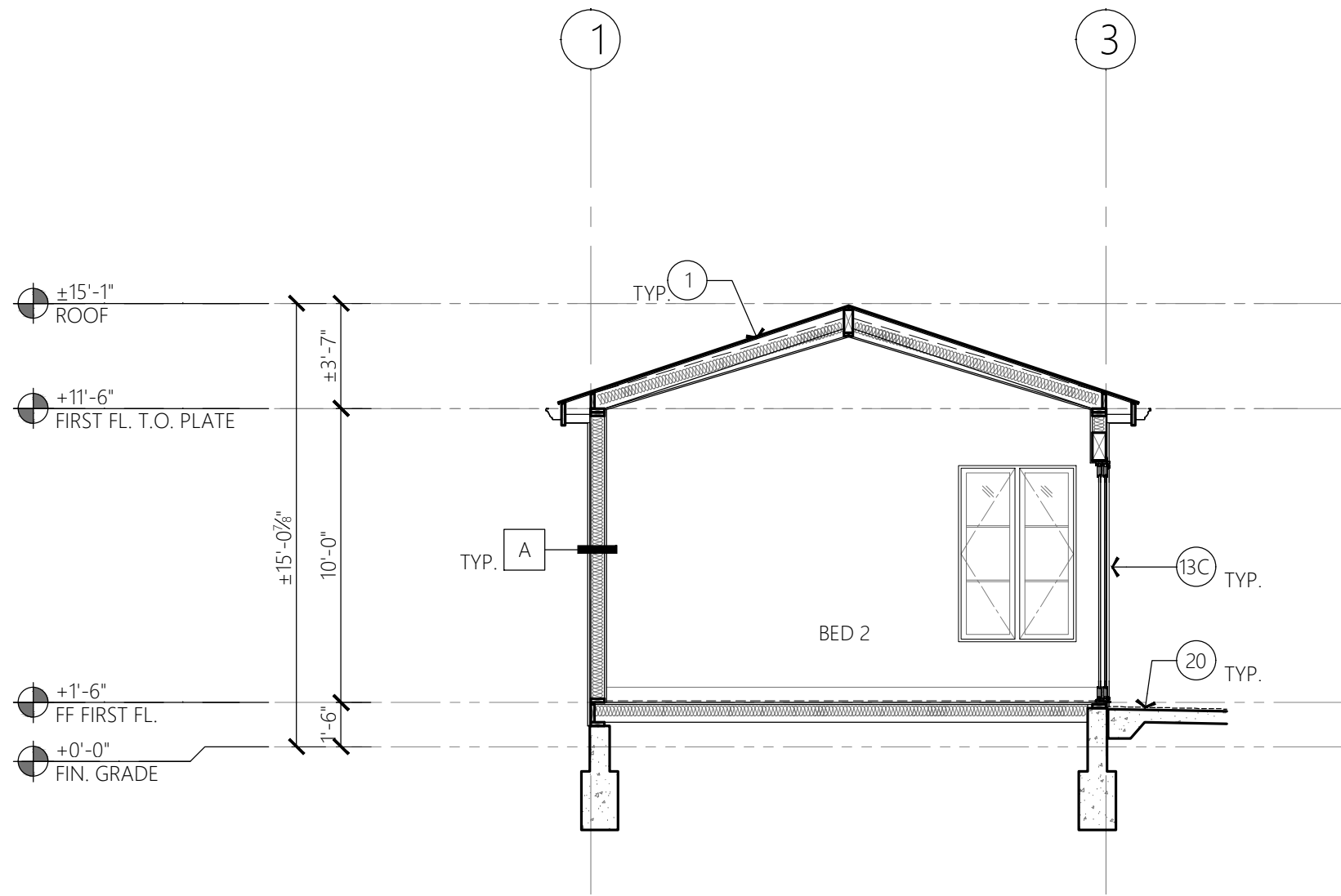
1 EXTERIOR ELEVATION: NORTH-EAST
SCALE: 3/16" = 1'-0"



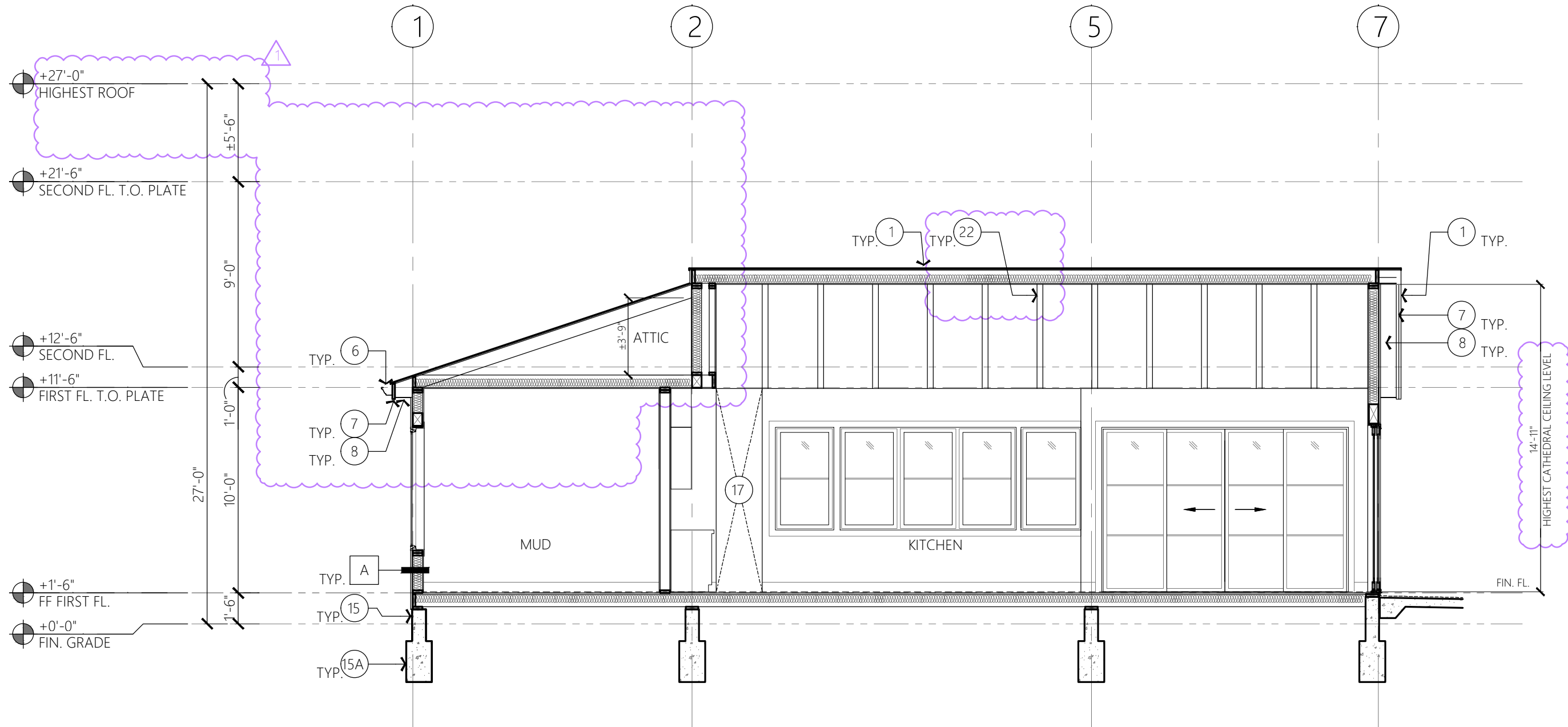
2 EXTERIOR ELEVATION: SOUTH-WEST
SCALE: 3/16" = 1'-0"

JURISDICTION APPROVAL STAMP

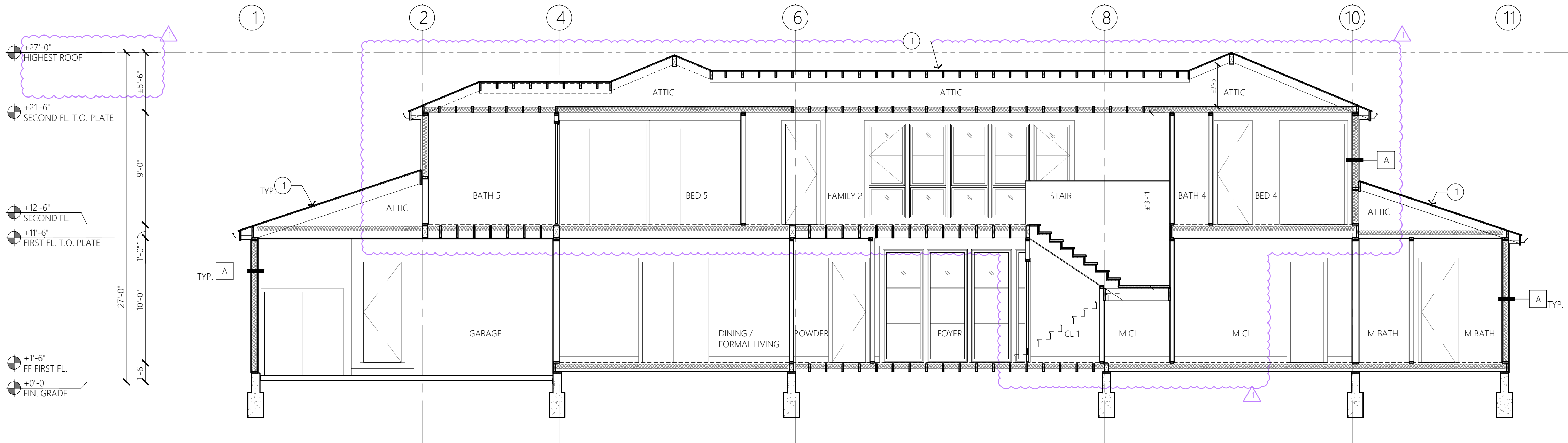




1 BUILDING SECTION A-A
SCALE: 3/16" = 1'-0"



2 BUILDING SECTION B-B
SCALE: 3/16" = 1'-0"



3 BUILDING SECTION C-C
SCALE: 3/16" = 1'-0"

LEGEND

- (N) EXTERIOR CEMENT PLASTER WALL:
2X6 STUDS AT 16" O.C. MAX. W/
EXTERIOR 7/8" THK. CEMENT PLASTER
O/ WIRE MESH O/ (2) LAYERS OF
BUILDING PAPERS O/ PLYWD.
SHEATHING AT EXTERIOR FACE OF
STUDS, GYP. BD. AT INTERIOR FACE OF
STUDS & R21 WALL INSULATION.
NON-RATED.
- (N) EXTERIOR CEMENT PLASTER
PORTICO:
(2) 2X6 STUDS AT 16" O.C. MAX. W/
EXTERIOR 7/8" THK. CEMENT PLASTER
O/ WIRE MESH O/ (2) LAYERS OF
BUILDING PAPERS O/ PLYWD.
SHEATHING, NON-RATED.

GENERAL NOTES

- A. REFER TO THE FOLLOWINGS:
1. SHEET A0.1 FOR NOTES, SYMBOLS &
ABBREVIATIONS.
2. SHEET A7.0 FOR DOOR SCHEDULE.
3. SHEET A7.1 FOR WINDOW SCHEDULE.
- B. ALL DIMENSIONS ARE TO BE TAKEN TO THE FACE OF
FINISH WALLS, U.O.N.
EXTERIOR WALL DIMENSIONS ARE TAKEN TO THE
EXTERIOR FACE OF STUD, U.O.N. FOS = FACE OF
STUD.

KEYNOTES #

1. (N) COMPOSITION ROOF O/ EXTERIOR PLYWD.
SHEATHING O/ 2X ROOF RAFTERS.
- 1A. (N) COMPOSITION ROOF O/ EXTERIOR PLYWD.
SHEATHING O/ 2X END RAKE RAFTER.
- 1B. (N) 4X ROOF BEAM.
2. (N) STONE CAP O/ ROOF PARAPET W/ CEMENT
PLASTER FINISH O/ WD. FRAMING.
3. (N) SINGLE PLY FLAT ROOF.
4. NOT USED.
5. NOT USED.
6. (N) GALV. SHEET METAL GUTTER.
7. (N) 2X WD. FASCIA BD.
8. (N) EXTERIOR FIBER CEMENT SOFFIT BD. O/ 2X SOFFIT
FRAMING.
9. (N) EXTERIOR WD. SOFFIT O/ 2X SOFFIT FRAMING.
10. NOT USED.
11. NOT USED.
12. NOT USED.
13. (N) EXTERIOR MAIN DOOR.
13A. (N) EXTERIOR GARAGE DOOR.
13B. (N) EXTERIOR SLIDING DOOR.
13C. (N) EXTERIOR BI-FOLD DOOR.
14. (N) EXTERIOR WINDOW.
14A. (N) EXTERIOR FIXED & TEMPERED WINDOW.
15. (N) EXTERIOR CONC. STEM WALL.
15A. (N) EXTERIOR CONC. FOOTING.
16. (N) EXTERIOR CONC. PATIO.
16A. (N) EXTERIOR CONC. STEP.
17. OPEN TO BEYOND.
18. NOT USED.
19. NOT USED.
20. (N) HARDSCAPE.
21. (N) FINISH GRADE, SEE CIVIL DWGS.
22. (N) INTERIOR DECORATIVE 3X PAINTED & EXPOSED
RAFTER.
23. (N) 5/8" THK. GYP. BD. CEILING O/ 2X CEILING JOISTS.

JURISDICTION APPROVAL STAMP



PROJECT

NANDELL HOUSE
Single Family House Rebuild
630 NANDELL LN.
LOS ALTOS, CA 94024

SITE APPROVAL PERMIT APPLICATION #: PLN23-063

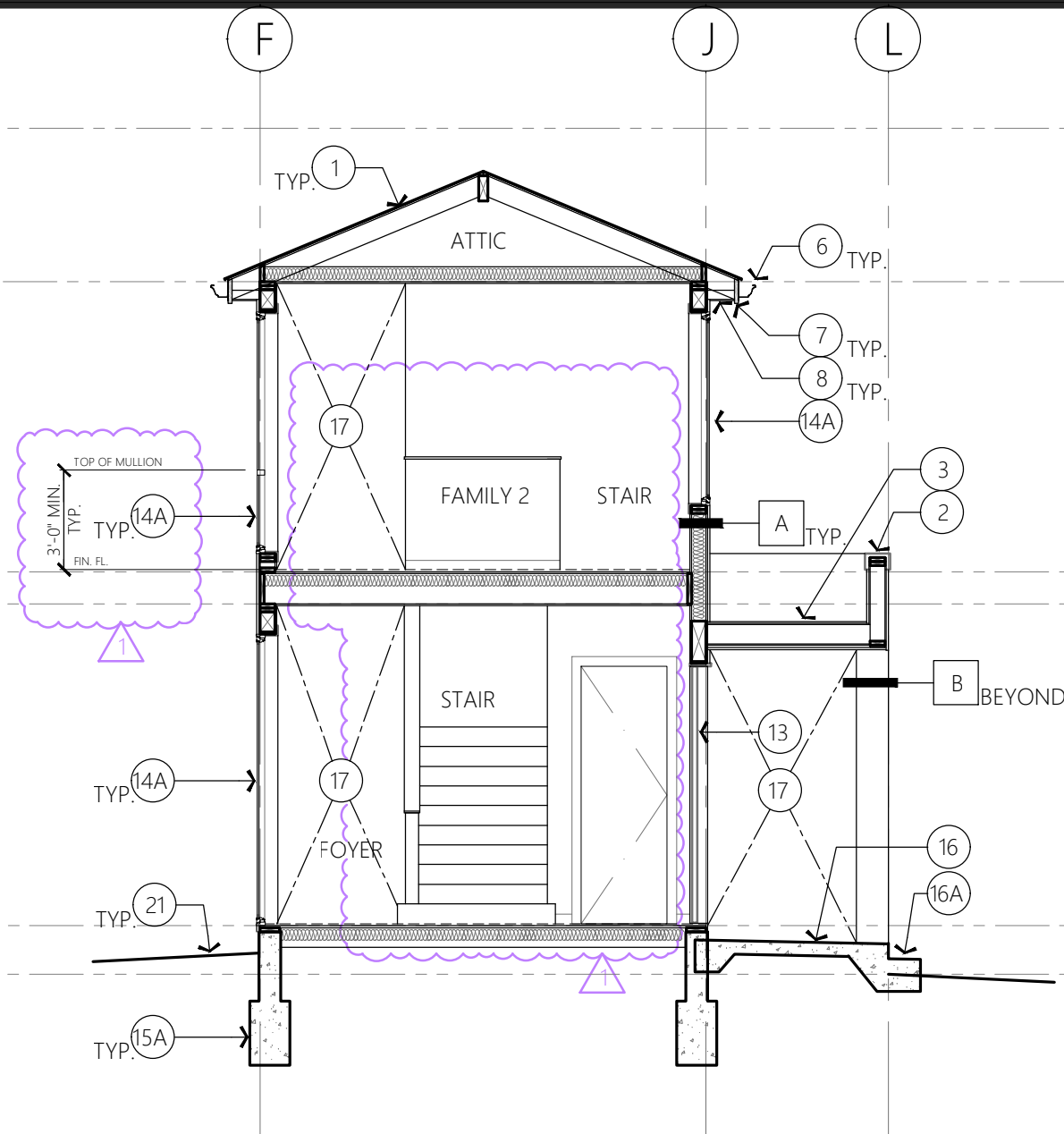
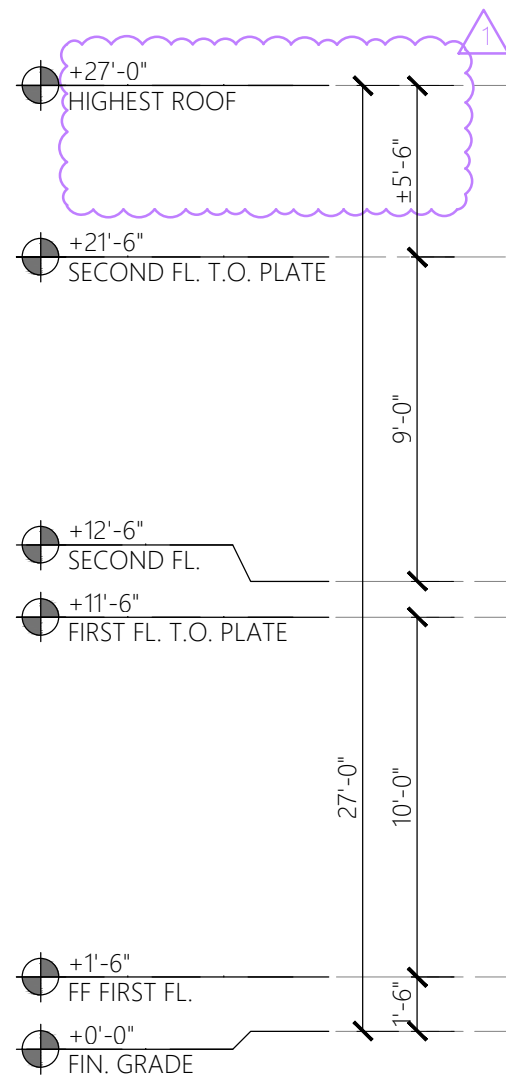
REV.	DATE	DESCRIPTION
3.24.2023		SITE DEVELOPMENT
4.7.2023		BUILDING SITE APPROVAL PERMIT
5.13.2023		BLDG SITE A P BACK-CHECK

DATE 12.1.2022
PROJECT NO. 22.10
SHEET TITLE

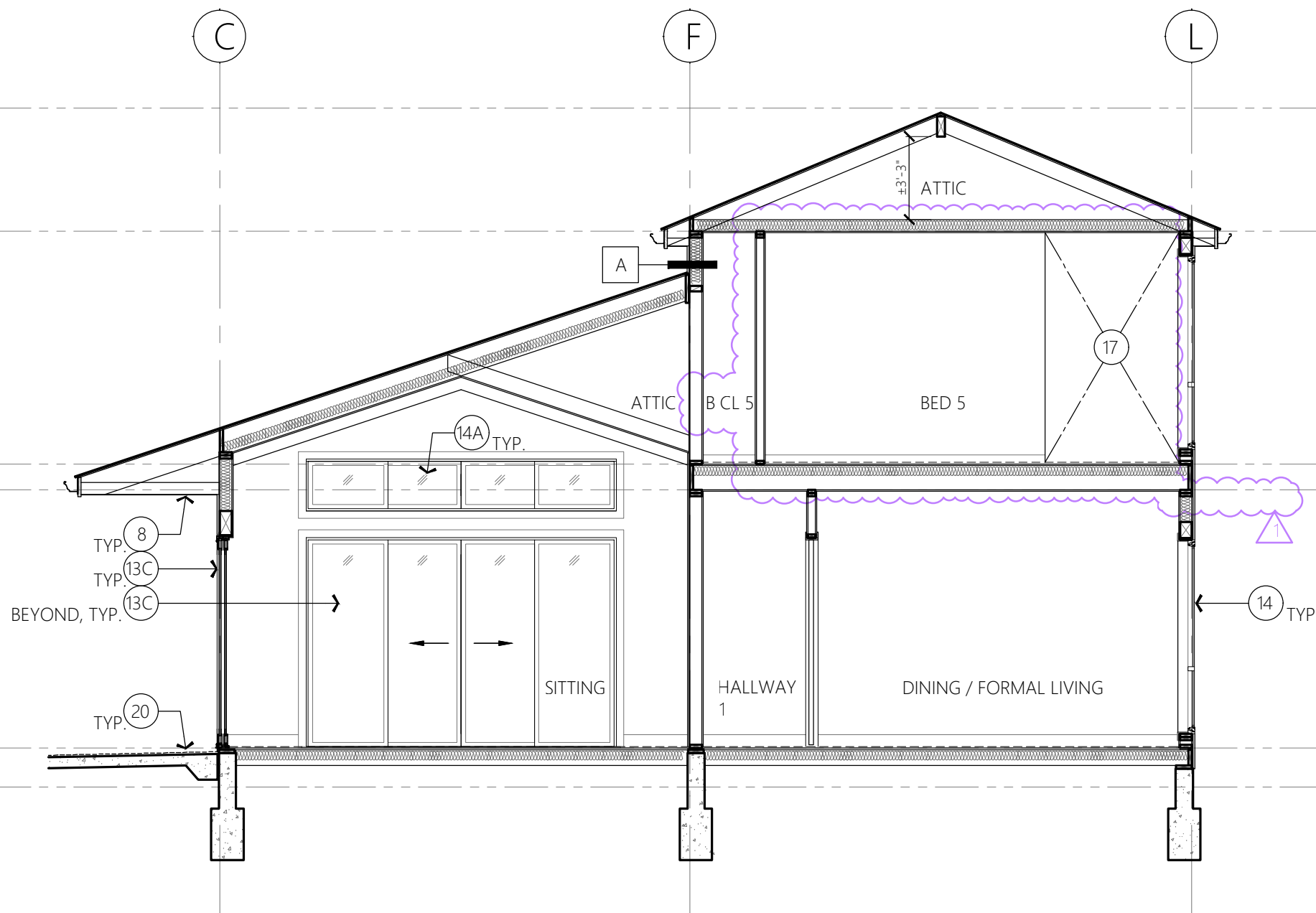
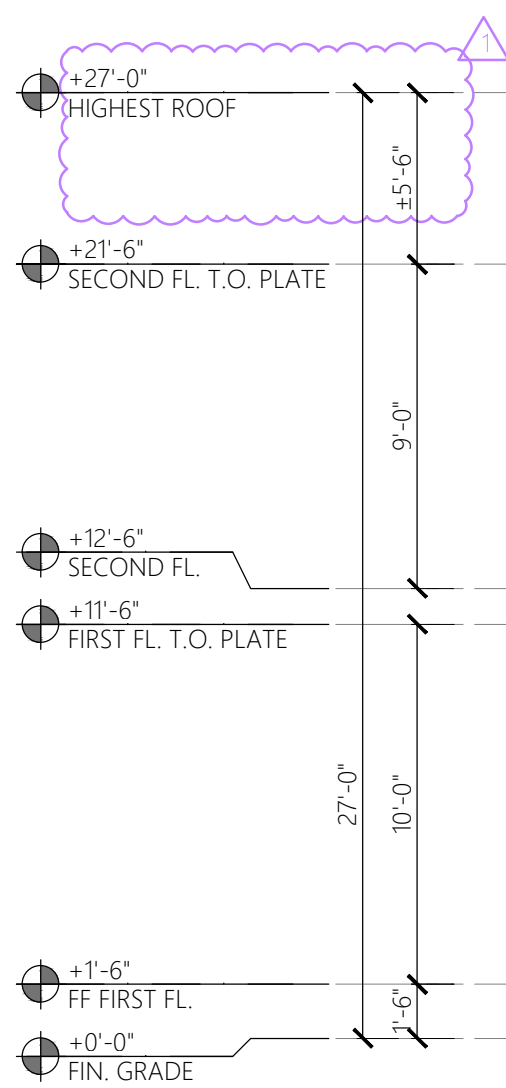
BUILDING SECTIONS

SHEET NO.

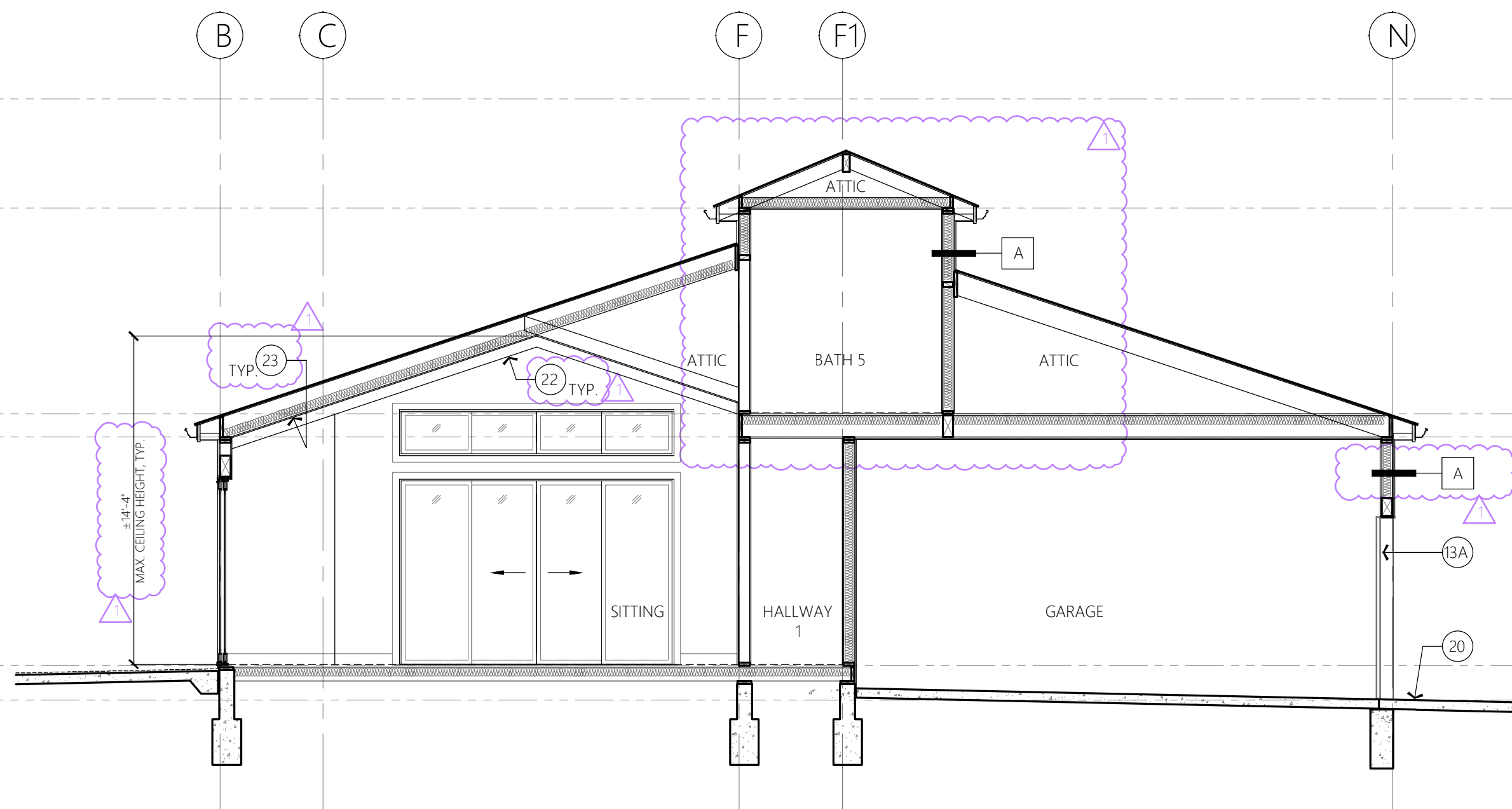
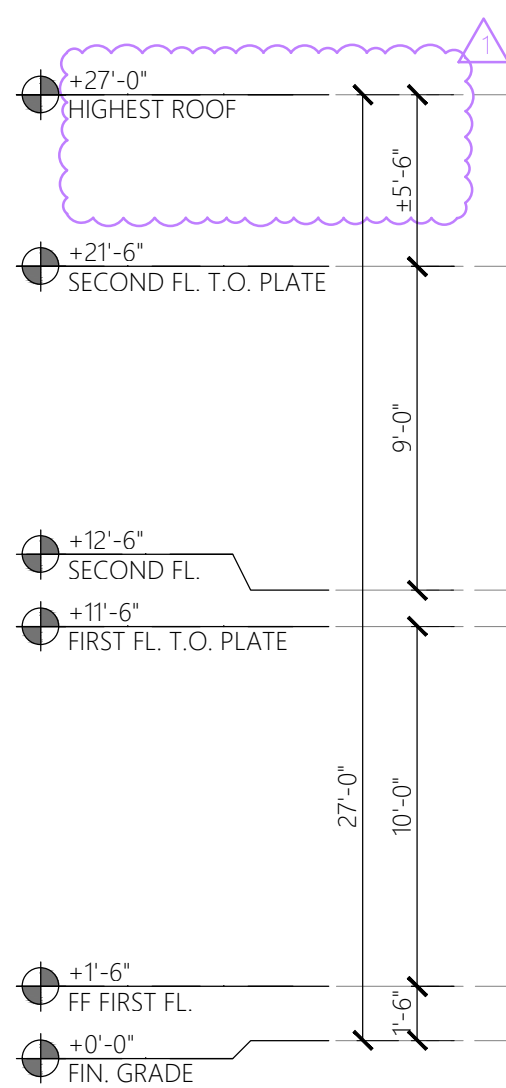
A3.0



1 BUILDING SECTION D-D
SCALE: 3/16" = 1'-0"

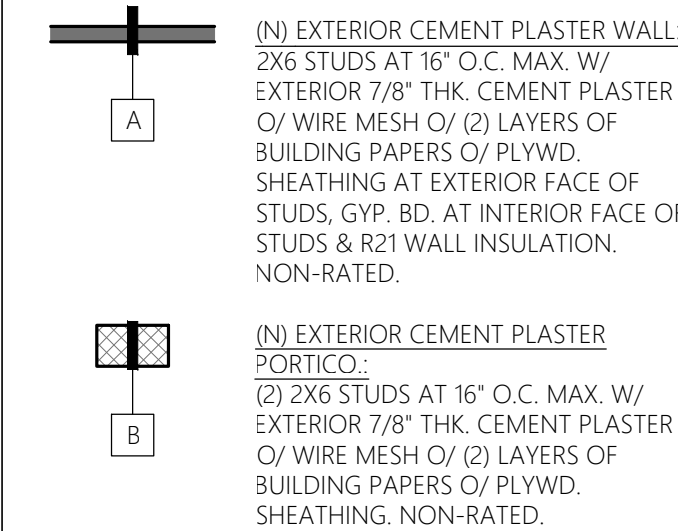


2 BUILDING SECTION E-E
SCALE: 3/16" = 1'-0"



3 BUILDING SECTION F-F
SCALE: 3/16" = 1'-0"

LEGEND



GENERAL NOTES

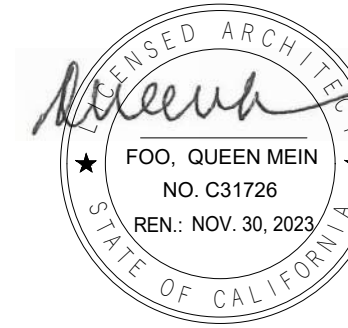
- A. REFER TO THE FOLLOWINGS:
- SHEET A0.1 FOR NOTES, SYMBOLS & ABBREVIATIONS.
 - SHEET A7.0 FOR DOOR SCHEDULE.
 - SHEET A7.1 FOR WINDOW SCHEDULE.
- B. ALL DIMENSIONS ARE TO BE TAKEN TO THE FACE OF FINISH WALLS, U.O.N. EXTERIOR WALL DIMENSIONS ARE TAKEN TO THE EXTERIOR FACE OF STUD, U.O.N. FOS = FACE OF STUD.

KEYNOTES

- (N) COMPOSITION ROOF O/ EXTERIOR PLYWD. SHEATHING O/ 2X ROOF RAFTERS.
- (N) COMPOSITION ROOF O/ EXTERIOR PLYWD. SHEATHING O/ 2X END RAKE RAFTER.
- (N) 4X ROOF BEAM.
- (N) STONE CAP O/ ROOF PARAPET W/ CEMENT PLASTER FINISH O/ WD. FRAMING.
- (N) SINGLE PLY FLAT ROOF.
- NOT USED.
- NOT USED.
- (N) GALV. SHEET METAL GUTTER.
- (N) 2X WD. FASCIA BD.
- (N) EXTERIOR WD. SOFFIT O/ 2X SOFFIT FRAMING.
- NOT USED.
- NOT USED.
- NOT USED.
- (N) EXTERIOR MAIN DOOR.
- (N) EXTERIOR GARAGE DOOR.
- (N) EXTERIOR SLIDING DOOR.
- (N) EXTERIOR BI-FOLD DOOR.
- (N) EXTERIOR WINDOW.
- (N) EXTERIOR FIXED & TEMPERED WINDOW.
- (N) EXTERIOR CONC. STEM WALL.
- (N) EXTERIOR CONC. FOOTING.
- (N) EXTERIOR CONC. PATIO.
- (N) EXTERIOR CONC. STEP.
- OPEN TO BEYOND.
- NOT USED.
- NOT USED.
- (N) HARDSCAPE.
- (N) FINISH GRADE, SEE CIVIL DWGS.
- (N) INTERIOR DECORATIVE 3X PAINTED & EXPOSED RAFTER.
- (N) 5/8" THK. GYP. BD. CEILING O/ 2X CEILING JOISTS.

JURISDICTION APPROVAL STAMP

DATE		12.1.2022
PROJECT NO.		22.10
SHEET TITLE		BUILDING SECTIONS



PROJECT

NANDELL HOUSE

Single Family House Rebuild

630 NANDELL LN.
LOS ALTOS, CA 94024

SITE APPROVAL PERMIT APPLICATION #:
PLN23-063

REV.	DATE	DESCRIPTION
	3.24.2023	SITE DEVELOPMENT
	4.7.2023	BUILDING SITE APPROVAL PERMIT
	5.13.2023	BLDG SITE A P BACK-CHECK

DATE 12.1.2022
PROJECT NO. 22.10
SHEET TITLE

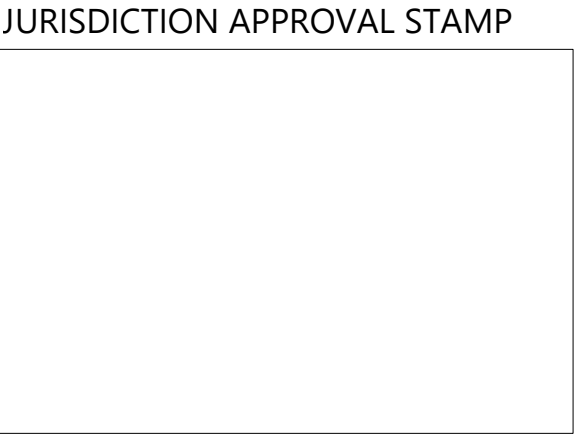
BUILDING SECTIONS

SHEET NO.

A3.1

[illegible]

REMARKS:
1. SEE SHEET A2.0 FOR EXTERIOR MATERIAL FINISH COLOR.



PROJECT

630 NANDELL LN.
LOS ALTOS, CA 94024

SITE APPROVAL PERMIT APPLICATION #
PLN23-063

REV.	DATE	DESCRIPTION
	3.24.2023	SITE DEVELOPMENT
	4.7.2023	BUILDING SITE APPROVAL PERMIT
	5.13.2023	BLDG SITE A P BACK-CHECK

DATE	12.1.2022
PROJECT NO.	22.10
SHEET TITLE	

SHEET NO.

A7.0



STEVEN
FOO, QUEEN MEIN
NO. C31726
REN.: NOV. 30, 2023
STATE OF CALIFORNIA

NANDELL HOUSE

Single Family House Rebuild

630 NANDELL LN.
LOS ALTOS, CA 94024

SITE APPROVAL PERMIT APPLICATION #
PIN23-063[illegible]

DATE	12.1.2022
PROJECT NO.	22.10
SHEET TITLE	

WINDOW SCHEDULE

SHEET NO.

A7.1

WINDOW & FRAME SCHEDULE

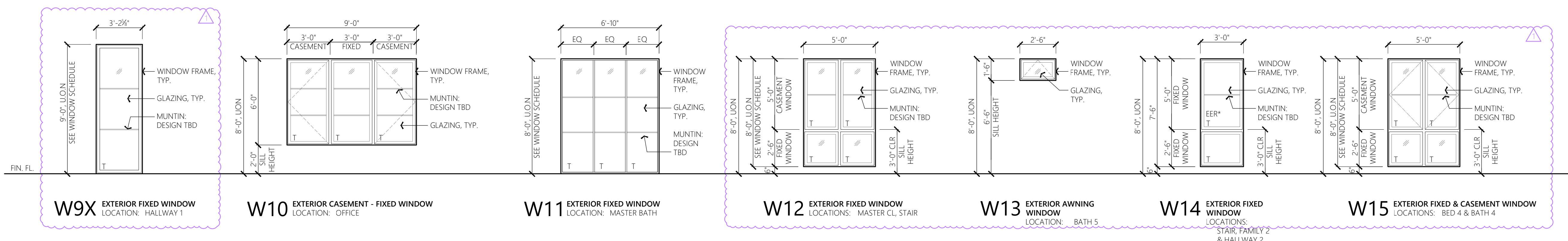
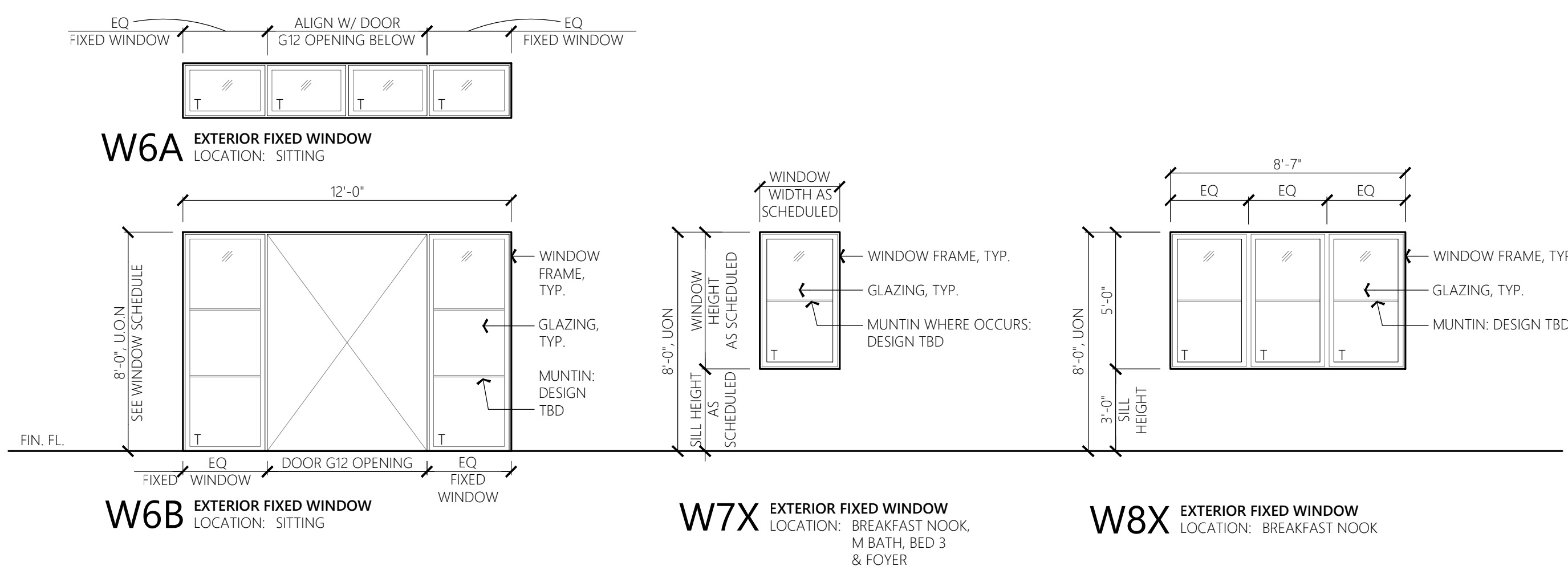
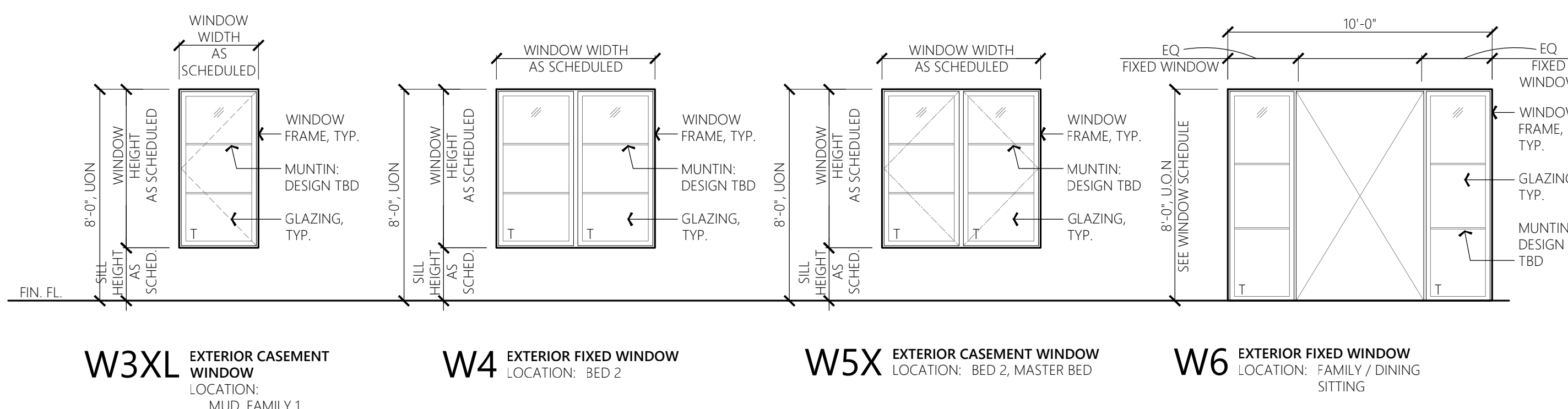
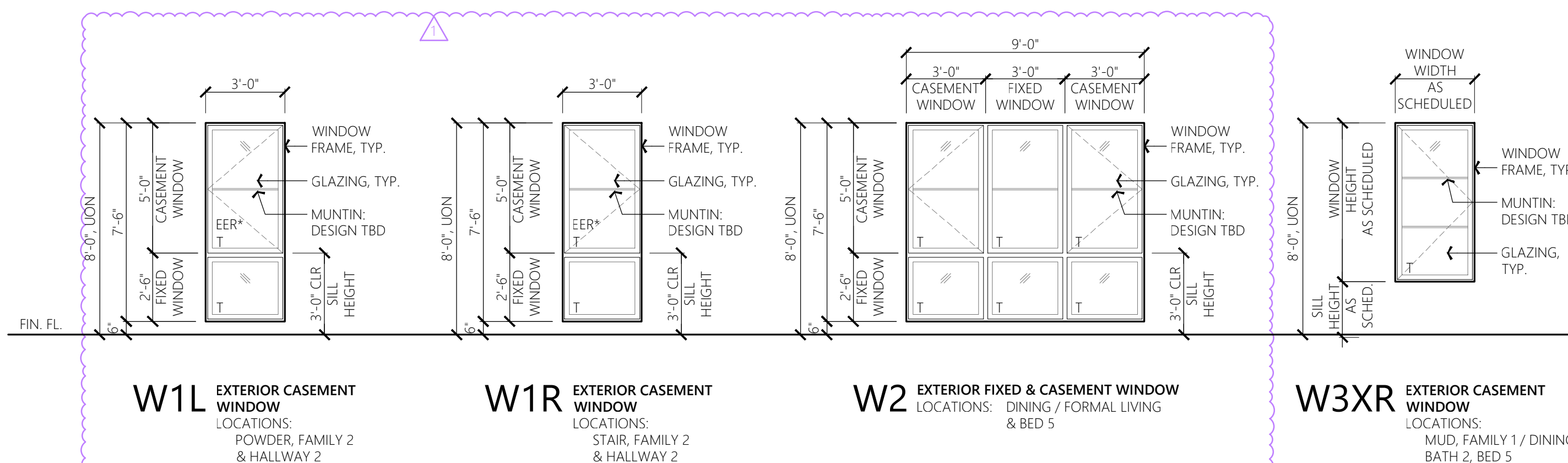
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GENERAL NOTES:

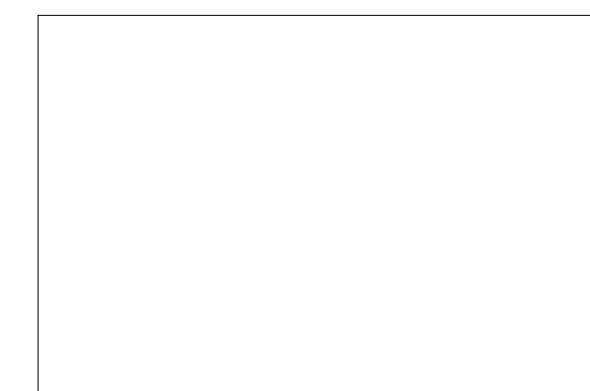
- A. ALL (N) EXTERIOR GLAZING TO BE DOUBLE PANED TEMPERED GLASS W/ U-VALUE OF 35 & SOLAR SHG OF 0.25 MAX.
- B. (N) GALV. METAL FLASHING AROUND (N) WINDOW OPENINGS.
- C. FIELD VERIFY WINDOW SIZE
- D. TOP OF (N) WINDOW FRAME AT 8'-0" A.F.F., U.O.N.
- E. COORDINATE W/ SHEET A2.0 EXTERIOR FINISH PALETTE FOR WINDOW FRAME & FINISH.

REMARKS:

1. (N) EGRESS WINDOW.
2. NOT USED.
3. NOT USED.
4. NOT USED.
5. (N) FROSTED GLAZING. PATTERN TBD.
6. TO BE USED IN CONJUNCTION W/ DOOR G10.
7. TO BE USED IN CONJUNCTION W/ DOOR G12.



JURISDICTION APPROVAL STAMP



COUNTY OF SANTA CLARA
General Construction
Specifications

GENERAL CONDITIONS

1. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SOILS AND/OR GEOTECHNICAL REPORT PREPARED BY _____ AND DATED _____. THIS REPORT IS SUPPLEMENTED BY: 1) THESE PLANS AND SPECIFICATIONS, 2) THE COUNTY OF SANTA CLARA STANDARD DETAILS, 3) THE COUNTY OF SANTA CLARA STANDARD SPECS, 4) STATE OF CALIFORNIA STANDARD DETAILS, 5) STATE OF CALIFORNIA STANDARD SPECIFICATIONS, IN THE EVENT OF CONFLICT THE FORMER SHALL TAKE PRECEDENCE OVER THE LATTER. THE PERFORMANCE AND COMPLETION OF ALL WORK MUST BE TO THE SATISFACTION OF THE COUNTY.
2. DEVELOPER IS RESPONSIBLE FOR INSTALLATION OF THE IMPROVEMENTS SHOWN ON THESE PLANS AND HE OR HIS SUCCESSOR PROPERTY OWNERS ARE RESPONSIBLE FOR THEIR CONTINUED MAINTENANCE.
3. DEVELOPER SHALL BE RESPONSIBLE FOR CORRECTION OF ANY ERRORS OR OMISSIONS IN THESE PLANS. THE COUNTY SHALL BE AUTHORIZED TO REQUIRE DISCONTINUANCE OF ANY WORK AND SUCH CORRECTION AND MODIFICATION OF PLANS AS MAY BE NECESSARY TO COMPLY WITH COUNTY STANDARDS OR CONDITIONS OF DEVELOPMENT APPROVAL.
4. DEVELOPER SHALL OBTAIN ENCROACHMENT PERMITS FROM THE SANTA CLARA VALLEY WATER DISTRICT AND THE CALIFORNIA DEPARTMENT OF TRANSPORTATION WHERE NEEDED. COPIES OF THESE PERMITS SHALL BE KEPT AT THE JOB SITE FOR REVIEW BY THE COUNTY'S INSPECTOR.
5. DEVELOPER SHALL REMOVE OR TRIM ALL TREES TO PROVIDE AN UNOBSTRUCTED FIFTEEN (15) FOOT VERTICAL CLEARANCE FOR ROADWAY AREA. THIS PLAN AUTHORIZES THE REMOVAL OF ONLY THOSE TREES WITH TRUNK DIAMETERS GREATER THAN 12 INCHES MEASURED 4.5 FEET ABOVE THE GROUND THAT ARE SHOWN TO BE REMOVED UNLESS AN AMENDED PLAN IS APPROVED OR A SEPARATE TREE REMOVAL PERMIT IS OBTAINED FROM THE PLANNING OFFICE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT REMOVAL OF ADDITIONAL TREES HAS BEEN PERMITTED.
7. DEVELOPER SHALL PROVIDE ADEQUATE DUST CONTROL AS REQUIRED BY THE COUNTY INSPECTOR.
8. ALL PERSONS MUST COMPLY WITH SECTION 4442 OF THE PUBLIC RESOURCES CODE AND SECTION 13005 OF THE HEALTH AND SAFETY CODE RELATING TO THE USE OF SPARK ARRESTERS.
9. UPON DISCOVERING OR UNEARTHING ANY BURIAL SITE AS EVIDENCED BY HUMAN SKELETAL REMAINS OR ARTIFACTS, THE PERSON MAKING SUCH DISCOVERY SHALL IMMEDIATELY NOTIFY THE COUNTY CORONER AT (408) 454-2520 AND LAND DEVELOPMENT ENGINEERING OFFICE AT (408) 299-5730. NO FURTHER DISTURBANCE OF THE SITE MAY BE MADE EXCEPT AS AUTHORIZED BY THE LAND DEVELOPMENT OFFICE IN ACCORD WITH PROVISIONS OF THIS ORDINANCE (COUNTY ORDINANCE CODE SECTION 86-18).
10. THESE PLANS ARE FOR THE WORK DESCRIBED IN THE SCOPE OF WORK ONLY. A SEPARATE PERMIT WILL BE REQUIRED FOR THE SEPTIC LINE CONSTRUCTION.
11. ANY DEVIATION FROM THESE APPROVED PLANS SHALL BE RE-APPROVED IN WRITING BY THE COUNTY ENGINEER PRIOR TO CONSTRUCTION.

CONSTRUCTION STAKING

1. THE DEVELOPER'S ENGINEER IS RESPONSIBLE FOR THE INITIAL PLACEMENT AND REPLACEMENT OF CONSTRUCTION GRADE STAKES. THE STAKES ARE TO BE ADEQUATELY IDENTIFIED, LOCATED, STABILIZED, ETC. FOR THE CONVENIENCE OF CONTRACTORS. LATERAL OFFSET OF STAKES SET FOR CURBS AND GUTTERS SHALL NOT EXCEED 2 1/2 FEET FROM BACK OF CURB.
2. ANY PROPERTY LINE STAKES OR ROAD MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY DEVELOPER'S ENGINEER AND LICENSED LAND SURVEYOR.
3. PROPERTY LINE STAKING MUST BE PERFORMED BY THE PROJECT ENGINEER OR LAND SURVEYOR TO ESTABLISH OR RE-ESTABLISH THE PROJECT BOUNDARY AND SHALL BE INSPECTED BY THE COUNTY INSPECTOR PRIOR TO THE BEGINNING OF THE WORK.
4. PROPER CONSTRUCTION STAKES SHALL BE SET IN THE FIELD BY THE PROJECT ENGINEER OR LAND SURVEYOR AND VERIFIED BY THE COUNTY INSPECTOR PRIOR TO THE COMMENCEMENT OF GRADING.

CONSTRUCTION INSPECTION

1. CONTRACTOR SHALL NOTIFY PERMIT INSPECTION UNIT, SANTA CLARA COUNTY PRIOR TO COMMENCING WORK AND FOR FINAL INSPECTION OF WORK AND SITE.
2. THE COUNTY REQUIRES A MINIMUM OF 24 HOURS ADVANCE NOTICE FOR GENERAL INSPECTION, 48 HOURS FOR ASPHALT CONCRETE INSPECTION.
3. INSPECTION BY SANTA CLARA COUNTY SHALL BE LIMITED TO INSPECTION OF MATERIALS AND PROCESSES OF CONSTRUCTION TO OBSERVE THEIR COMPLIANCE WITH PLANS & SPECIFICATIONS BUT DOES NOT INCLUDE RESPONSIBILITY FOR THE SUPERINTENDENT OF CONSTRUCTION, SITE CONDITIONS, EQUIPMENT OR PERSONNEL. CONTRACTOR SHALL NOTIFY THE COUNTY LAND DEVELOPMENT INSPECTOR AT PHONE (408) 299-6868 AT LEAST 24 HOURS PRIOR TO COMMENCING WORK AND FOR FINAL INSPECTION OF WORK AND SITE.
4. DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE MUST SUBMIT WRITTEN REQUEST FOR INSPECTION AND ACCEPTANCE AND REQUEST SHALL BE DIRECTED TO THE INSPECTION OFFICE NOTED ON THE PERMIT FORM.
5. THE CONTRACTOR SHALL PROVIDE TO THE COUNTY CONSTRUCTION INSPECTOR WITH PAD ELEVATION AND LOCATION CERTIFICATES, PREPARED BY THE PROJECT ENGINEER OR LAND SURVEYOR, PRIOR TO COMMENCEMENT OF THE BUILDING FOUNDATION.

SITE PREPARATION (CLEARING & GRUBBING)

1. EXISTING TREES AUTHORIZED FOR REMOVAL, ROOTS, AND FOREIGN MATERIAL IN AREAS TO BE IMPROVED WILL BE REMOVED TO AN AUTHORIZED DISPOSAL SITE AS FOLLOWS:
- A) TO A MINIMUM DEPTH OF 2' BELOW THE FINISHED GRADE OF PROPOSED ROADWAYS (EITHER PRIVATE OR TO BE DEDICATED TO PUBLIC USE)
- B) FROM AREAS AFFECTED BY THE PROPOSED GRADING EXCEPT WHERE NOTED ON THE PLANS.
2. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO MOVE OR RELOCATE UTILITY POLES AND OTHER OBSTRUCTIONS IN THE WAY OF CONSTRUCTION.

UTILITY LOCATION, TRENCHING & BACKFILL

1. CONTRACTOR SHALL NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 800-277-2600 A MINIMUM OF 24 HOURS BEFORE BEGINNING UNDERGROUND WORK FOR VERIFICATION OF THE LOCATION OF UNDERGROUND UTILITIES.
2. ACCURATE VERIFICATION AS TO SIZE, LOCATION, AND DEPTH OF EXISTING UNDERGROUND CONDUITS OR FACILITIES SHALL BE THE INDIVIDUAL CONTRACTORS RESPONSIBILITY. PLAN LOCATIONS ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY.
3. ALL UNDERGROUND INSTALLATIONS SHALL BE IN PLACE AND THE TRENCH BACKFILLED AND COMPACTED BEFORE PLACING AGGREGATE BASE MATERIAL OR SURFACE STRUCTURES. SURFACING MAY BE DONE IF THE UTILITY COMPANY CONCERNED INDICATES BY LETTER THAT IT WILL BE DONE UNLESS SPECIFICALLY AUTHORIZED BY THE COUNTY. GAS AND WATER MAINS SHALL BE INSTALLED OUTSIDE THE PAVED AREAS.
4. TRENCH BACKFILL IN EXISTING PAVEMENT AREAS SHALL BE SAND MATERIAL IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE SPECIFICATIONS. THE STRUCTURAL SECTION FOR TRENCH REPLACEMENT SHALL CONSIST OF NOT LESS THAN 12 INCHES OF APPROVED AGGREGATE BASE MATERIAL COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 95% AND 4 INCHES OF HOT ASPHALT CONCRETE PLACED IN TWO LIFTS. TRENCH RESTORATION FOR HIGHER TYPE PAVEMENTS SHALL BE MADE IN KIND OR AS DIRECTED BY THE COUNTY.
5. TRENCH BACKFILL IN NEW CONSTRUCTION AREAS SHALL BE SAND MATERIAL COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 90%. THE REQUIREMENT FOR SELECT MATERIAL MAY BE WAIVED BY COUNTY IF THE NATIVE SOIL IS SUITABLE FOR USE AS TRENCH BACKFILL BUT THE COMPACTION REQUIREMENTS WILL NOT BE THEREBY WAIVED.
6. BACKFILL AND TRENCH RESTORATION REQUIREMENTS SHALL APPLY AS MINIMUM STANDARDS TO ALL UNDERGROUND FACILITIES INSTALLED BY OTHER FIRMS OR PUBLIC AGENCIES.

RETAINING WALLS

1. REINFORCED CONCRETE AND CONCRETE MASONRY UNIT RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING INSPECTOR AND ENGINEER OF RECORD PRIOR TO POURING THE FOUNDATION AND FORMING THE WALL.
2. SEGMENTAL BLOCK RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING INSPECTOR.

GRADING

1. EXCAVATED MATERIAL SHALL BE PLACED IN THE FILL AREAS DESIGNATED OR SHALL BE HAULED AWAY FROM THE SITE TO A COUNTY APPROVED DISPOSAL SITE WHERE FILL MATERIAL IS TO BE PLACED ON NATURAL GROUND. IS SHALL BE STRIPPED OF ALL VEGETATION, TO ACHIEVE A PROPER BOND WITH THE FILL MATERIAL, THE SURFACE OF THE GROUND SHALL BE SCARIFIED TO DEPTH OF 6" BEFORE FILL IS PLACED. WHERE NATURAL GROUND IS STEEPER THAN 5:1, IT SHALL BE BENCH AND THE FILL KEYED IN TO ACHIEVE STABILITY. WHERE NEW FILL IS TO BE PLACED ON EXISTING FILL, THE EXISTING FILL SHALL BE REMOVED UNTIL MATERIAL COMPACTED TO 90% RELATIVE COMPACTION IS EXPOSED. THEN THE NEW FILL MATERIAL SHALL BE PLACED AS PER THESE CONSTRUCTION NOTES. FILL MATERIAL SHALL BE PLACED IN UNIFORM LIFTS NOT EXCEEDING 6" IN UNCOMPACTED THICKNESS. BEFORE COMPACTION BEGINS, THE FILL SHALL BE BROUGHT TO A WATER CONTENT THAT WILL PERMIT PROPER COMPACTION BY EITHER 1) AERATING THE FILL IF IT IS TOO WET OR 2) MOISTENING THE FILL WITH WATER IF IT IS TOO DRY. EACH LIFT SHALL BE THOROUGHLY MIXED BEFORE COMPACTION TO ENSURE A UNIFORM DISTRIBUTION OF MOISTURE.
2. EXCESS CUT MATERIAL SHALL NOT BE SPREAD OR STOCKPILED ON THE SITE.
3. SURPLUS EARTH FILL MATERIAL SHALL BE PLACED IN A SINGLE (8" MAX) THICK LAYER COMPACTED TO WITHSTAND WEATHERING IN THE AREA(S) DELINEATED ON THE PLAN.
4. NO ORGANIC MATERIAL SHALL BE PLACED IN ANY FILL. NO TREES SHALL BE REMOVED OUTSIDE OF CUT, FILL OR ROADWAY AREAS.
5. THE UPPER 6" OF SUBGRADE BELOW DRIVEWAY ACCESS ROAD OR PARKING AREA SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
6. MAXIMUM CUT SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL. MAXIMUM FILL SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL.

LOCATION	CUT (C.Y.)	FILL (C.Y.)	VERT. DEPTH
RESIDENCE	75	0	4
HARDSCAPE	5	0	0.5
LANDSCAPE	110	10	4.5
DRIVEWAY	5	0	0.5
POOL	0	130	6
TOTAL	195	140	

EARTHWORK QUANTITIES SHOWN ON THIS TABLE ARE FOR INFORMATION ONLY. CONTRACTORS ARE TO PERFORM THEIR OWN QUANTITIES TAKE-OFF.

NOTE: FILL VOLUMES INCLUDE 10% SHRINKAGE. EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED DUMP SITE.

7. NOTIFY SOILS ENGINEER TWO (2) DAYS PRIOR TO COMMENCEMENT OF ANY GRADING WORK TO COORDINATE THE WORK IN THE FIELD.
8. ALL MATERIALS FOR FILL SHALL BE APPROVED BY THE SOILS ENGINEER BEFORE IT IS BROUGHT TO THE SITE.
9. THE UPPER 6" OF THE SUBGRADE SOIL SHALL BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95%.
10. ALL AGGREGATE BASE MATERIAL SHALL BE COMPACTED TO A MINIMUM 95%.
11. THE GEOTECHNICAL PLAN REVIEW LETTER MUST BE REVIEWED AND APPROVED BY THE COUNTY GEOLOGIST PRIOR TO FINAL APPROVAL BY THE COUNTY ENGINEER FOR BUILDING OCCUPANCY.
12. THE PROJECT GEOTECHNICAL ENGINEER SHALL PERFORM COMPACTION TESTING AND PRESENT THE RESULTS TO THE COUNTY ENGINEERING INSPECTOR PRIOR TO THE CONSTRUCTION OF ANY PAVED AREA.
13. GRADING WORK BETWEEN OCTOBER 15TH AND APRIL 15TH IS AT THE DISCRETION OF THE SANTA CLARA COUNTY GRADING OFFICIAL.
14. TOTAL DISTURBED AREA FOR THE PROJECT 6,750 SF.
15. VOID NO.
16. THE INSPECTOR MAY VERIFY THAT A VALID NOTICE OF INTENT (NOI) HAS BEEN ISSUED BY THE STATE AND THAT A CURRENT AND UP TO DATE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS AVAILABLE ON SITE.

TREE PROTECTION

1. FOR ALL TREES TO BE RETAINED WITH A CANOPY IN THE DEVELOPMENT AREA OR INTERFACES WITH THE LIMITS OF GRADING FOR ALL PROPOSED DEVELOPMENT ON SITE, THE TREES SHALL BE PROTECTED BY THE PLACEMENT OF RIGID TREE PROTECTIVE FENCING, CONSISTENT WITH THE CITY OF LOS ANGELES INTEGRATED LANDSCAPE GUIDELINES, AND THE FOLLOWING:
- A. FENCING SHOULD BE PLACED ALONG THE OUTSIDE EDGE OF THE DRIFLINE OF THE TREE OR GROVE OF TREES.
- B. THE FENCING SHALL BE MAINTAINED THROUGHOUT THE SITE CONSTRUCTION PERIOD AND SHALL BE INSPECTED PERIODICALLY FOR DAMAGE AND PROPER FUNCTION.
- C. FENCING SHALL BE REPAIRED, AS NECESSARY, TO PROVIDE A PHYSICAL BARRIER FROM CONSTRUCTION ACTIVITIES.
- D. SIGNAGE STATING, "WARNING- THIS FENCING SHALL NOT BE REMOVED WITHOUT PERMISSION FROM THE SANTA CLARA COUNTY PLANNING OFFICE (408) 299-5770. COUNTY OF SANTA CLARA TREE PROTECTION MEASURES MAY BE FOUND AT <http://www.sccplanning.gov>." SHALL BE PLACED ON THE TREE PROTECTIVE FENCING UNTIL FINAL OCCUPANCY.
2. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY, TREE PROTECTIVE FENCING SHALL BE SECURELY IN PLACED AND INSPECTED BY THE LAND DEVELOPMENT ENGINEERING INSPECTOR.
3. SEE EXISTING TREE PROTECTION DETAILS FOR MORE INFORMATION.

ACCESS ROADS AND DRIVEWAYS

1. DRIVEWAY LOCATIONS SHALL BE AS SHOWN ON THE IMPROVEMENT PLANS WITH CENTERLINE STATIONING. THE MINIMUM CONCRETE THICKNESS SHALL BE 6 INCHES THROUGHOUT (WITH A MAXIMUM APPROACH SLOPE OF 1 1/4 INCHES PER FOOT).
2. ALL DRIVEWAY OR COMMON ACCESS ROAD SECTIONS IN EXCESS OF 15 LONGITUDINAL SLOPE MUST BE PAVED WITH A MINIMUM 2-INCH ASPHALT LIFT OR FULL DEPTH CONCRETE LIFT PRIOR TO ANY COMBUSTIBLE FRAMING.
3. THE OWNER AND PRIME CONTRACTOR ARE RESPONSIBLE FOR MAINTAINING PROJECT SITE ACCESS AND NEIGHBORHOOD ACCESS FOR EMERGENCY VEHICLES AND LOCAL RESIDENTS.
4. ROADWAYS DESIGNATED AS NOT COUNTY MAINTAINED ROADS AS SHOWN ON THE PLAN WILL NOT BE ELIGIBLE FOR COUNTY MAINTENANCE UNTIL THE ROADWAYS ARE IMPROVED (AT NO COST TO THE COUNTY) TO THE PUBLIC MAINTENANCE ROAD STANDARDS APPROVED BY THE BOARD OF SUPERVISORS AND IN EFFECT AT SUCH TIME THAT THE ROADWAYS ARE CONSIDERED FOR ACCEPTANCE INTO THE COUNTY'S ROAD SYSTEM.
5. ALL WORK IN THE COUNTY ROAD RIGHT-OF-WAY REQUIRES AN ENCROACHMENT PERMIT FROM THE ROADS AND AIRPORTS DEPARTMENT. EACH INDIVIDUAL ACTIVITY REQUIRES A SEPARATE PERMIT - I.E. CABLE, ELECTRICAL, GAS, SEWER, WATER, RETAINING WALLS, DRIVEWAY APPROACHES, FENCES, LANDSCAPING, TREE REMOVAL, STORM DRAINAGE IMPROVEMENTS, ETC..

STREET LIGHTING

1. PACIFIC GAS & ELECTRIC ELECTROLIGHT SERVICE FEE SHALL BE PAID BY THE DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE.

SANITARY SEWER

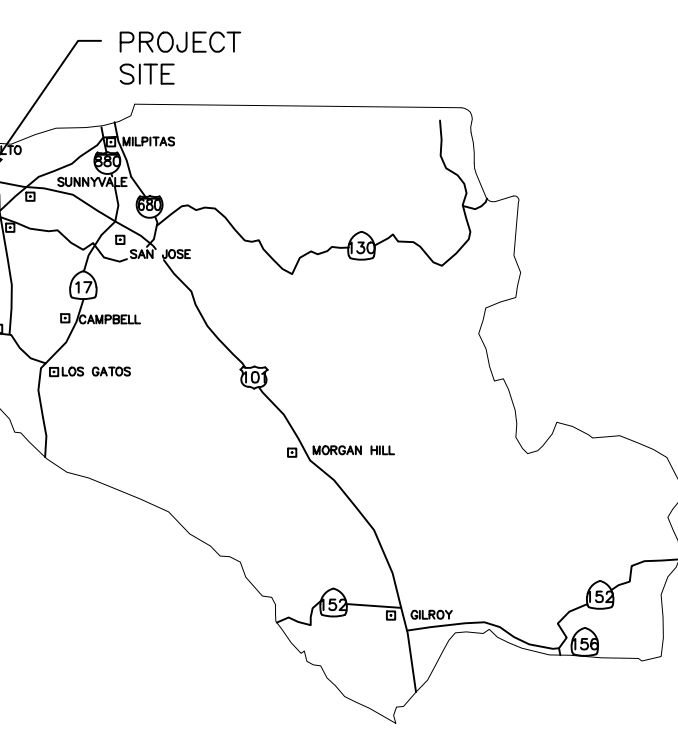
1. THE SANITARY SEWER AND WATER UTILITIES SHOWN ON THESE PLANS ARE NOT PART OF THIS GRADING PERMIT AND ARE SHOWN FOR REFERENCE ONLY.
2. ALL MATERIALS AND METHODS OF CONSTRUCTION OF SANITARY SEWERS SHALL CONFORM TO THE SPECIFICATIONS OF THE JURISDICTION INVOLVED. INSPECTION OF SANITARY SEWER WORK SHALL BE DONE BY SAID JURISDICTION.

PORTLAND CEMENT CONCRETE

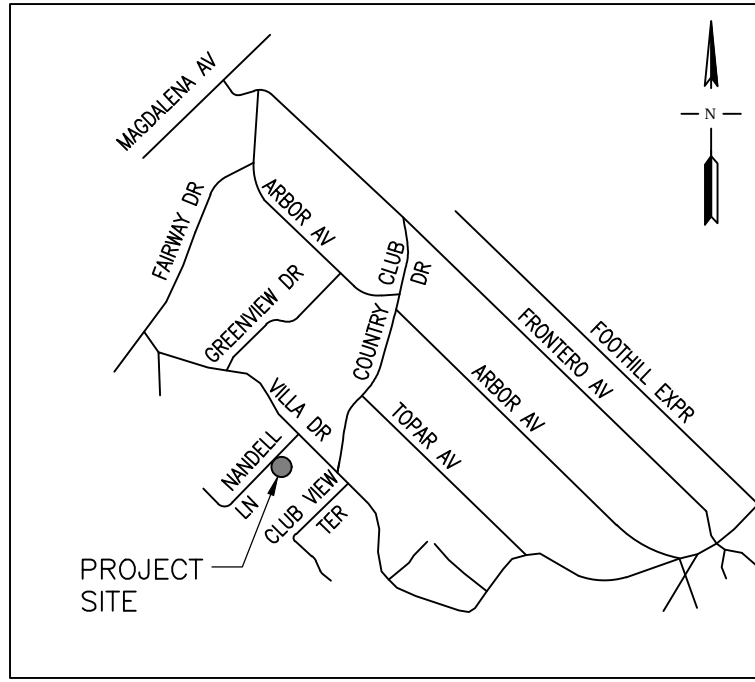
1. CONCRETE USED FOR STRUCTURAL PURPOSES SHALL BE CLASS "A" (6 SACK PER CUBIC YARD) AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. CONCRETE PLACED MUST DEVELOP A MINIMUM STRENGTH FACTOR OF 2800 PSI IN A SEVEN-DAY PERIOD. THE CONCRETE MIX DESIGN SHALL BE UNDER THE CONTINUAL CONTROL OF THE COUNTY INSPECTOR.

AIR QUALITY, LANDSCAPING AND EROSION CONTROL

1. WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY.
2. COVER ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS OR REQUIRE ALL TRUCKS TO MAINTAIN AT LEAST TWO FEET OF FREEBOARD.
3. PAVE, APPLY WATER THREE TIMES DAILY, OR APPLY (NON-TOXIC) SOIL STABILIZERS ON ALL UNPAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES.
4. SWEEP DAILY WITH WATER SWEEPERS) ALL PAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES. THE USE OF DRY POWDER SWEEPING IS PROHIBITED.
5. SWEEP STREETS DAILY (WITH WATER SWEEPERS) IF VISIBLE SOIL MATERIAL IS CARRIED OUTO ADJACENT PUBLIC STREETS. THE USE OF DRY POWDER SWEEPING IS PROHIBITED.
6. ALL CONSTRUCTION VEHICLES, EQUIPMENT AND DELIVERY TRUCKS SHALL HAVE A MAXIMUM IDLING TIME OF 5 MINUTES (AS REQUIRED BY THE CALIFORNIA AIRBORNE TOXIC CONTROL MEASURE TITLE 13, SECTION 2485 OF CALIFORNIA CODE OF REGULATIONS (CCR)). ENGINES SHALL BE SHUT OFF IF CONSTRUCTION REQUIRES LONGER IDLING TIME UNLESS NECESSARY FOR PROPER OPERATION OF THE VEHICLE.
7. ALL VEHICLE SPEEDS ON UNPAVED ROADS SHALL BE LIMITED TO 15 MILES PER HOUR.
8. ALL CONSTRUCTION EQUIPMENT SHALL BE MAINTAINED AND PROPERLY TUNED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. ALL EQUIPMENT SHALL BE CHECKED BY A CERTIFIED MECHANIC AND DETERMINED TO BE RUNNING IN PROPER CONDITION PRIOR TO OPERATION.
9. POST A SIGN THAT IS AT LEAST 32 SQUARE FEET MINIMUM 2 INCHES LETTER HEIGHT VISIBLE NEAR THE ENTRANCE OF CONSTRUCTION SITE THAT IDENTIFIES THE FOLLOWING REQUIREMENTS. OBTAIN ENCROACHMENT PERMIT FOR SIGN FROM THE ROADS DEPARTMENT OR OTHER APPLICABLE AGENCY IF REQUIRED.
- A. 15 MILES PER HOUR (MPH) SPEED LIMIT.
- B. 5 MINUTES MAXIMUM IDLING TIME OF VEHICLES.
- C. TELEPHONE NUMBER TO CONTACT THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT REGIONAL OFFICE. NOTE PHONE NUMBER OF THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT AIR POLLUTION COMPLAINT HOTLINE OF 1-800-334-6367.
10. ALL FILL SLOPES SHALL BE COMPACTED AND LEFT IN A SMOOTH AND FIRM CONDITION CAPABLE OF WITHSTANDING WEATHERING.
11. ALL EXPOSED DISTURBED AREAS SHALL BE SEEDED WITH BROME SEED SPREAD AT THE RATE OF 5 LB. PER 1000 SQUARE FEET (OR APPROVED EQUAL). SEEDING AND WATERING SHALL BE MAINTAINED AS REQUIRED TO ENSURE GROWTH.
12. ALL DITCHES SHALL BE LINED PER COUNTY STANDARD SDB.
13. ALL STORM DRAINAGE STRUCTURES SHALL BE INSTALLED WITH EFFECTIVE ENTRANCE & OUTFALL EROSION CONTROLS E.G. SACKED CONCRETE RIP-RAP. ENERGY DISSIPATORS SHALL BE INSTALLED AT ALL DITCH OUTFALLS. WHEN OUTFALLS ARE NOT INTO AN EXISTING CREEK OR WATER COURSE, RUNOFF SHALL BE RELEASED TO SHEET FLOW.
14. PRIOR TO GRADING COMPLETION AND RELEASE OF THE BOND, ALL GRADED AREAS SHALL BE SEEDED IN CONFORMANCE WITH THE COUNTY GRADING ORDINANCE TO MINIMIZE THE VISUAL IMPACTS OF THE GRADE SLOPES AND REDUCE THE POTENTIAL FOR EROSION OF THE SUBJECT SITE.
15. PERMANENT LANDSCAPING SHOWN ON THE ATTACHED LANDSCAPE PLAN MUST BE RE-INSTALLED AND FIELD APPROVED BY THE COUNTY PLANNING OFFICE PRIOR TO FINAL APPROVAL BY THE COUNTY ENGINEER, AND FINAL OCCUPANCY RELEASE BY THE BUILDING INSPECTION OFFICE.
16. THE OWNER SHALL PREPARE AND PRESENT A WINTERIZATION REPORT TO THE COUNTY INSPECTOR FOR REVIEW PRIOR TO OCTOBER 15TH OF EVERY YEAR.
17. THE OWNER, CONTRACTOR, AND ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES SHALL INSTALL AND MAINTAIN CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs) ON THE PROJECT SITE AND WITHIN THE SANTA CLARA COUNTY ROAD RIGHT-OF-WAY THROUGHOUT THE DURATION OF THE CONSTRUCTION AND UNTIL THE ESTABLISHMENT OF PERMANENT STABILIZATION AND SEDIMENT CONTROL TO PREVENT THE DISCHARGE OF POLLUTANTS INCLUDING SEDIMENT, CONSTRUCTION MATERIALS, EXCAVATED MATERIALS, AND WASTE INTO THE SANTA CLARA COUNTY RIGHT-OF-WAY, STORM SEWER WATERWAYS, ROADWAY INFRASTRUCTURE. BMPs SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
- A. PREVENTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAYDOWN / STAGING AREAS.
- B. PREVENTION OF TRACKING OF MUD, DIRT, AND CONSTRUCTION MATERIALS ONTO THE PUBLIC ROAD RIGHT-OF-WAY.
- C. PREVENTION OF DISCHARGE OF WATER RUN-OFF DURING DRY AND WET WEATHER CONDITIONS ONTO THE PUBLIC ROAD RIGHT-OF-WAY.
18. THE OWNER, CONTRACTOR, AND ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES SHALL ENSURE THAT ALL TEMPORARY CONSTRUCTION FACILITIES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIALS, DELIVERIES, HAZARDOUS AND NON-HAZARDOUS MATERIAL STORAGE, EQUIPMENT, TOOLS, PORTABLE TOILETS, CONCRETE WASHOUT, GARBAGE CONTAINERS, LAYDOWN YARDS, SECONDARY CONTAINMENT AREAS, ETC. ARE LOCATED OUTSIDE THE SANTA CLARA COUNTY ROAD RIGHT-OF-WAY.
19. EROSION CONTROL PLAN IS A GUIDE AND SHALL BE AMENDED AS NECESSARY TO PREVENT EROSION AND ILLICIT DISCHARGES ON A YEAR AROUND BASIS, DEPENDING ON THE SEASON, WEATHER, AND FIELD CONDITIONS. EROSION CONTROL MEASURES IN ADDITION TO THOSE NOTED IN THE PERMITTED PLANS MAY BE NECESSARY. FAILURE TO INSTALL SITE AND SITUATIONALLY APPROPRIATE EROSION CONTROL MEASURES MAY RESULT IN VIOLATIONS, FINES, AND A STOPPAGE OF WORK.



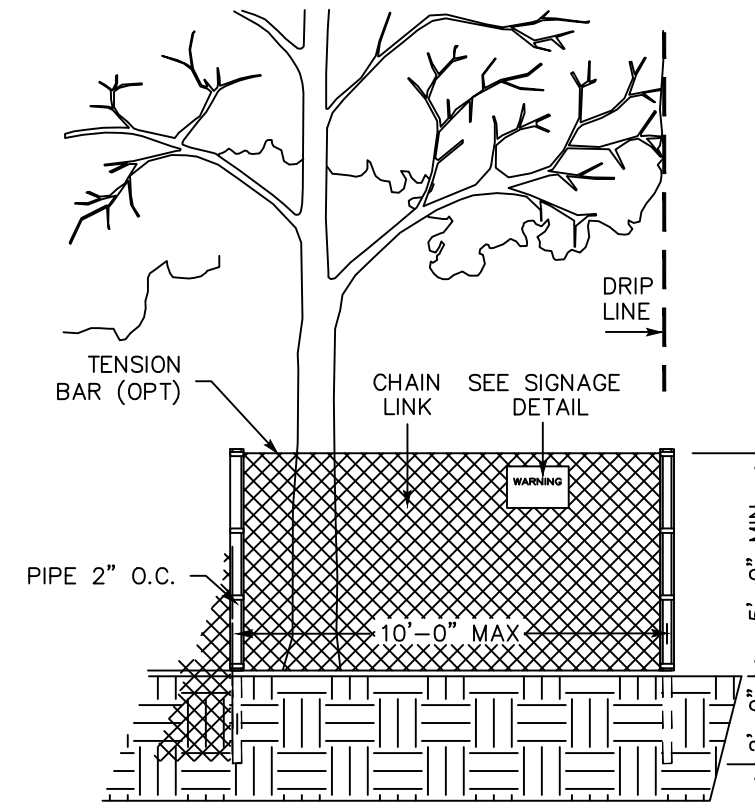
COUNTY LOCATION
MAP



VICINITY MAP
NOT TO SCALE

SURVEY MONUMENT PRESERVATION

1. THE LANDOWNER / CONTRACTOR MUST PROTECT AND ENSURE THE PERPETUATION OF SURVEY MONUMENTS AFFECTED BY CONSTRUCTION ACTIVITIES.
2. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL LOCATE, STAKE, AND FLAG OR OTHERWISE IDENTIFY WITH PAINT OR OTHER MARKINGS ALL PERMANENT SURVEY MONUMENTS OF RECORD AND ANY UNRECORDED MONUMENTS THAT ARE DISCOVERED THAT ARE WITHIN 50 FEET OF THE CONSTRUCTION AREA.
3. THE LANDOWNER, CONTRACTOR AND/OR ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES THAT WILL OR MAY DISTURB AN EXISTING MONUMENT, CORNER STAKE, OR ANY OTHER PERMANENT SURVEYED MONUMENT SHALL CAUSE TO HAVE A LICENSED LAND SURVEYOR OR CIVIL ENGINEER, AUTHORIZED TO PRACTICE SURVEYING, ENSURE THAT A CORNER RECORD AND/OR RECORD OF SURVEY ARE FILED WITH THE COUNTY SURVEYOR'S OFFICE PRIOR TO DISTURBING SAID MONUMENTS AND RESET PERMANENT MONUMENT(S) IN THE SURFACE OF THE NEW CONSTRUCTION OR SET A WITNESS MONUMENT(S) TO PERPETUATE THE LOCATION IF ANY PERMANENT MONUMENT COULD BE DESTROYED, DAMAGED, COVERED, DISTURBED, OR OTHERWISE OBLITERATED. THE LICENSED LAND SURVEYOR OR CIVIL ENGINEER SHALL FILE A CORNER RECORD OR RECORD OF SURVEY WITH THE COUNTY SURVEYOR PRIOR TO FINAL ACCEPTANCE OF THE PROJECT BY THE LAND DEVELOPMENT ENGINEERING INSPECTOR.



EXISTING TREE PROTECTION DETAILS

1. PRIOR TO THE COMMENCEMENT OF ANY GRADING, TREE PROTECTIVE FENCING SHALL BE IN PLACE IN ACCORDANCE WITH THE TREE PRESERVATION PLAN AND INSPECTED BY A CERTIFIED ARBORIST. THE ARBORIST SHALL MONITOR CONSTRUCTION ACTIVITY TO ENSURE THAT THE TREE PROTECTION MEASURES ARE IMPLEMENTED AND ADHERED TO DURING CONSTRUCTION. THIS CONDITION SHALL BE INCORPORATED INTO THE GRADING PLANS.
2. FENCING SHALL BE MINIMUM 5 FEET TALL CONSTRUCTION OF STURDY MATERIAL (CHAIN-LINK OR EQUIVALENT STRENGTH/ DURABILITY).
3. FENCE SHALL BE SUPPORTED BY VERTICAL POSTS DRIVEN 2 FEET (MIN) INTO THE GROUND AND SPACED NOT MORE THAN 10 FEET APART.
4. TREE FENCING SHALL BE MAINTAINED THROUGHOUT THE SITE DURING THE CONSTRUCTION PERIOD, INSPECTED PERIODICALLY FOR DAMAGE AND PROPER FUNCTION, REPAIRED AS NECESSARY TO PROVIDE A PHYSICAL BARRIER FROM CONSTRUCTION ACTIVITIES, AND REMAIN IN PLACE UNTIL THE FINAL INSPECTION.
5. A SIGN THAT INCLUDES THE WORDS, "WARNING: THIS FENCE SHALL NOT BE REMOVED WITHOUT THE EXPRESSED PERMISSION OF THE SANTA CLARA COUNTY PLANNING OFFICE." SHALL BE SECURELY ATTACHED TO THE FENCE IN A VISUALLY PROMINENT LOCATION.

BENCHMARK

TEMPORARY BENCHMARK:
PROJECT BENCHMARK IS FINISHED FLOOR OF EXISTING GARAGE AS SHOWN.
ELEVATION=297.36' (NAVD 88 DATUM)

BASIS OF BERINGS

THE BEARING S43°44'00"W OF THE CENTERLINE OF NANDELL LANE BETWEEN FOUND MONUMENTS AS SHOWN ON THAT CERTAIN RECORD OF SURVEY FILED IN BOOK 9 OF MAPS AT PAGE 10, SANTA CLARA COUNTY RECORDS.

STORM DRAINAGE AND STORMWATER MANAGEMENT

1. DEVELOPER IS RESPONSIBLE FOR ALL NECESSARY DRAINAGE FACILITIES WHETHER SHOWN ON THE PLANS OR NOT AND HE OR HIS SUCCESSOR PROPERTY OWNERS ARE RESPONSIBLE FOR THE ADEQUACY AND CONTINUED MAINTENANCE OF THESE FACILITIES IN A MANNER WHICH WILL PRECLUDE ANY HAZARD TO LIFE, HEALTH, OR DAMAGE TO ADJOINING PROPERTY, CONSISTENT WITH NPDES PERMIT CAS612008 / ORDER NO. R2-2009-0047 AND NPDES PERMIT CAS000004 / ORDER NO. 2013-0001-DWQ.
2. DROP INLETS SHALL BE COUNTY STANDARD TYPE 5 UNLESS OTHERWISE NOTED ON THE PLANS. THE DEVELOPER'S ENGINEER SHALL BE RESPONSIBLE FOR THE PROPER LOCATION OF DROP INLETS, WHERE STREET PROFILE GRADE EXCEEDS 6% DROP INLETS SHALL BE SET AT 500 ANGLE CURB LINE TO ACCEPT WATER OR AS SHOWN ON THE PLANS.
3. WHERE CULVERTS ARE INSTALLED THE DEVELOPER SHALL BE RESPONSIBLE FOR GRADING THE OUTLET DITCH TO DRAIN TO AN EXISTING SWALE OR TO AN OPEN AREA FOR SHEET FLOW.
4. UPON INSTALLATION OF DRIVEWAY CONNECTIONS, PROPERTY OWNERS SHALL PROVIDE FOR THE UNINTERRUPTED FLOW OF WATER IN ROADSIDE DITCHES.
5. THE COUNTY SHALL INSPECT UNDERGROUND DRAINAGE IMPROVEMENTS AND STORMWATER MANAGEMENT FEATURES PRIOR TO BACKFILL.

AS-BUILT PLANS STATEMENT

THIS IS A TRUE COPY OF THE AS-BUILT PLANS. THERE (____ WERE) (____ WERE NOT) MINOR FIELD CHANGES - MARKED WITH THE SYMBOL (*). THERE (____ WERE) (____ WERE NOT) PLAN REVISIONS INDICATING SIGNIFICANT CHANGES REVIEWED BY THE COUNTY ENGINEER AND MARKED WITH THE SYMBOL (Δ).

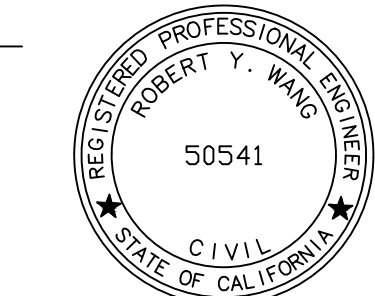
DATE _____ SIGNATURE _____

NOTE: THIS STATEMENT IS TO BE SIGNED BY THE PERSON AUTHORIZED BY THE COUNTY ENGINEER TO PERFORM THE INSPECTION WORK, A REPRODUCIBLE COPY OF THE AS-BUILT PLANS MUST BE FURNISHED TO THE COUNTY ENGINEER AFTER CONSTRUCTION.

GEOTECHNICAL ENGINEER OBSERVATION

1. A CONSTRUCTION OBSERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL ENGINEER AND ENGINEERING GEOLOGIST DETAILING CONSTRUCTION OBSERVATIONS AND CERTIFYING THAT THE WORK WAS DONE IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL AND GEOLOGIC REPORTS SHALL BE SUBMITTED PRIOR TO THE GRADING COMPLETION AND RELEASE OF THE BOND.

DATE _____



COUNTY ENGINEER'S NOTE

ISSUANCE OF A PERMIT AUTHORIZING CONSTRUCTION DOES NOT RELEASE THE DEVELOPER, PERMITTEE OF ENGINEER FROM RESPONSIBILITY FOR THE CORRECTION OF ERRORS OR OMISSIONS CONTAINED IN THE PLANS. IF, DURING THE COURSE OF CONSTRUCTION, THE PUBLIC INTEREST REQUIRES A MODIFICATION OF (OR DEPARTURE FROM) THE SPECIFICATIONS OF THE PLANS, THE COUNTY SHALL HAVE THE AUTHORITY TO REQUIRE THE SUSPENSION OF WORK, AND THE NECESSARY MODIFICATION OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH THE SAME IS TO BE MADE.

DATE _____

R.C.E. NO. _____ EXPIRATION DATE _____

GRADING & DRAINAGE PLAN
630 NANDELL LANE
LOS ALTOS, CA

SCOPE OF WORK

WITHIN RIGHT-OF-WAY COVERED UNDER ENCROACHMENT PERMIT

1. RECONSTRUCT EX. AC DRIVEWAY TO COUNTY STD. B4A DRIVEWAY.
2. INSTALL NEW UNDERGROUND UTILITIES AND TEMPORARY CONSTRUCTION POWER BY RESPECTIVE UTILITY COMPANIES.
3. INSTALL AND MAINTAIN PROPER BMPs.
4. INSTALL, MAINTAIN AND REMOVAL OF TRAFFIC CONTROL.

OUTSIDE RIGHT-OF-WAY COVERED UNDER BUILDING PERMIT

1. CLEARING OF ORGANIC AND FOREIGN MATERIALS FROM AREA TO BE GRADED. REMOVAL AND DISPOSING OF THESE MATERIAL TO THE COUNTY APPROVED DUMP SITES.
2. INSTALL EROSION AND SEDIMENTATION CONTROL.
3. GRADING FOR THE PROPOSED BUILDING PAD.
4. DEVELOP GROUND COVER ON ALL EXPOSED DISTURBED SURFACES.
5. CONSTRUCT NEW BUILDING STRUCTURE, HARDSCAPE, DRIVEWAY, DETENTION BASIN, AND ALL UTILITIES UPGRADES & CONNECTIONS.
6. CLEAN UP THE SITE.

LEGEND

DESCRIPTION TO BE CONST. EXISTING

PROPERTY LINE	R	R
LIMITS OF WORK OR BOUNDARY		
RIGHT-OF-WAY	R/W	
CURB AND GUTTER		
SIDEWALK	4" x 4"	
CITY SURVEY MONUMENT		
SEPTIC TANK		
SANITARY SEWER LINE	SS	SS
STORM SEWER	W	W
STORM SEWER LINE	SD	SD
STORM DRAIN MANHOLE	Δ MH	Δ MH
DRAINAGE INLET		
ELECTROLIGHT		
EDGE OF PAVEMENT		
PAVING CONFORM OR OVERLAY TO FORM SMOOTH A.C. TRANSITION		
EX. TREE TO BE REMOVED		
CONTOUR LINE	200	200
WATER METER	WM	WM
POWER POLE AND OVERHEAD WIRE	OH	OH
SPOT ELEVATION		21.16

SHEET INDEX

1	TITLE SHEET
2	DEMOLITION PLAN & IMPERVIOUS SURFACE AREA
3	GRADING & DRAINAGE
4	STANDARD DETAILS & TRAFFIC CONTROL
5	EROSION CONTROL
6	COUNTY BMP 1
7	COUNTY BMP 2

ENGINEER'S NAME:	ROBERT WANG RW ENGINEERING, INC.
ADDRESS:	505 ALTAMONT DRIVE MILPITAS, CA 95035
PHONE NO.	(408) 262-1899
FAX NO.	(408) 824-5556

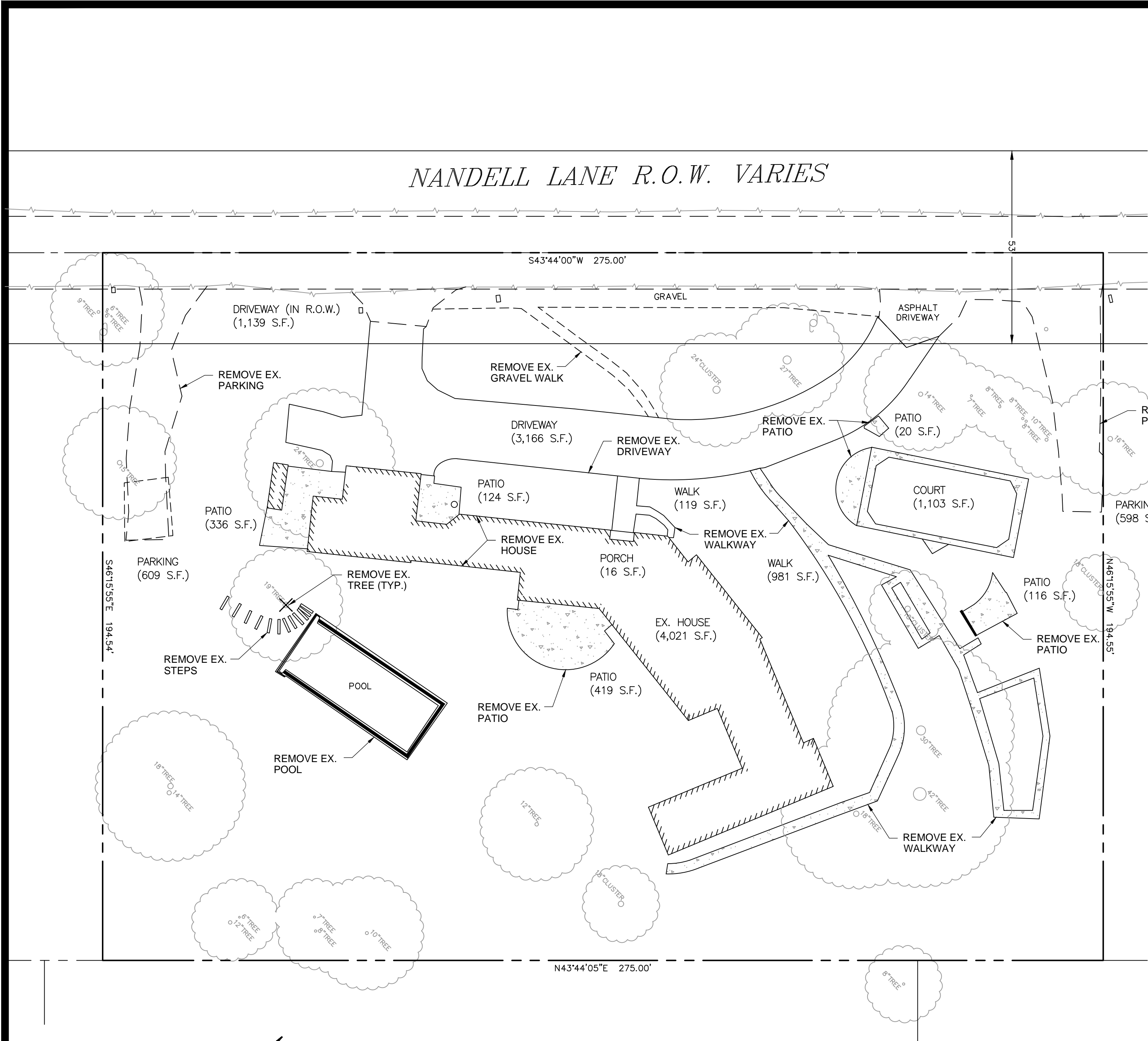
TITLE SHEET

Revision	1	Date	APN	331-09-037	Sheet	1
Revision	2	Date	Co. File		of	
Revision	3	Date				7

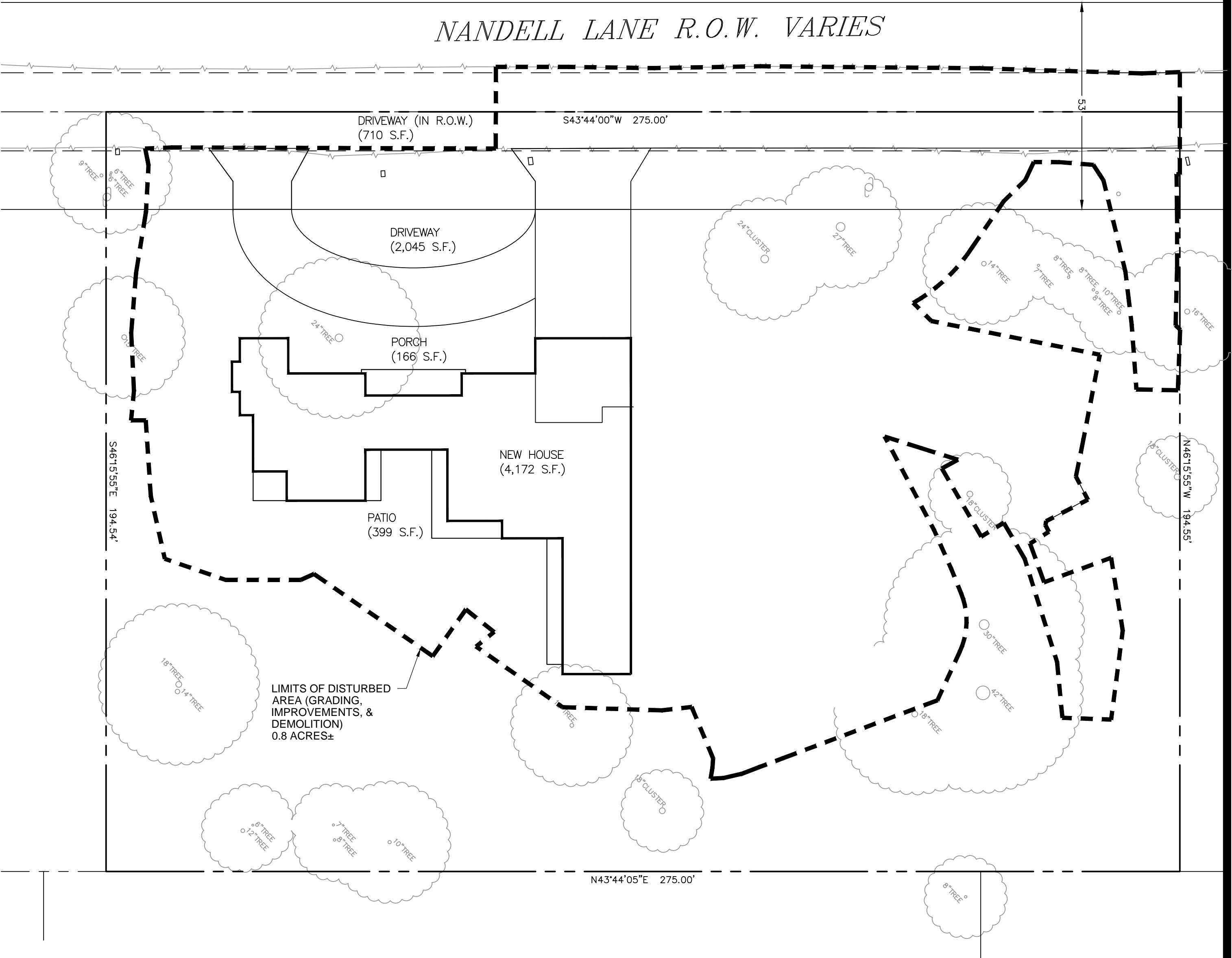
APPLICANT: KIM

ROAD: NANDELL LANE

COUNTY FILE NO.:



EXISTING CONDITION
1"=20'



PROPOSED CONDITION
1"=20'

IMPERVIOUS SURFACES (OUTSIDE COUNTY R/W)

LOCATION	EXISTING (SF)	PROPOSED (SF)	
HOUSE & GARAGE	4,021	4,057	
DRIVEWAY	3,166	2,045	
WALKWAY	1,100		
PORCH & PATIO	1,031	565	
COURT	1,103		
PARKING	1,207		NET CHANGE
TOTAL	11,628	6,667	-4,961

IMPERVIOUS SURFACES (WITHIN COUNTY R/W)

LOCATION	EXISTING (SF)	PROPOSED (SF)	
DRIVEWAY	1,139	710	
			NET CHANGE
TOTAL	1,139	710	-429

RW RW ENGINEERING, INC.
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MILPITAS, CA 95035
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GRADING & DRAINAGE PLAN
630 NANDELL LANE
LOS ALTOS, CA

DEMOLITION PLAN & IMPERVIOUS SURFACE AREA

NO.	REVISION	DATE	DATE: 5/22/2023 SCALE: AS NOTED DESIGNED BY: RW DRAWN BY: RW	SHEET 2 OF 7

APPLICANT: KIM

ROAD: NANDELL LANE

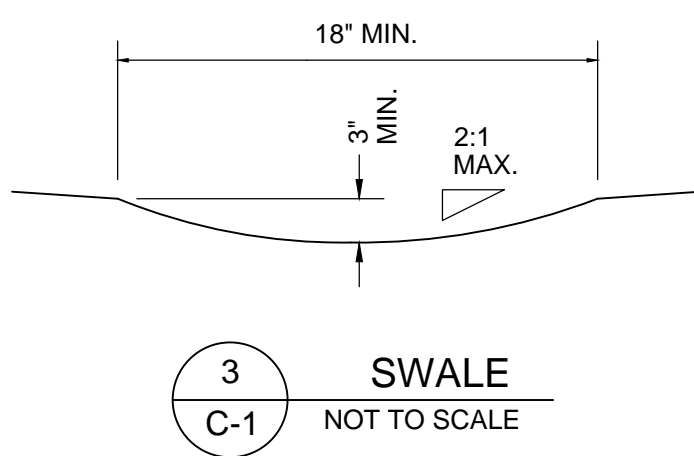
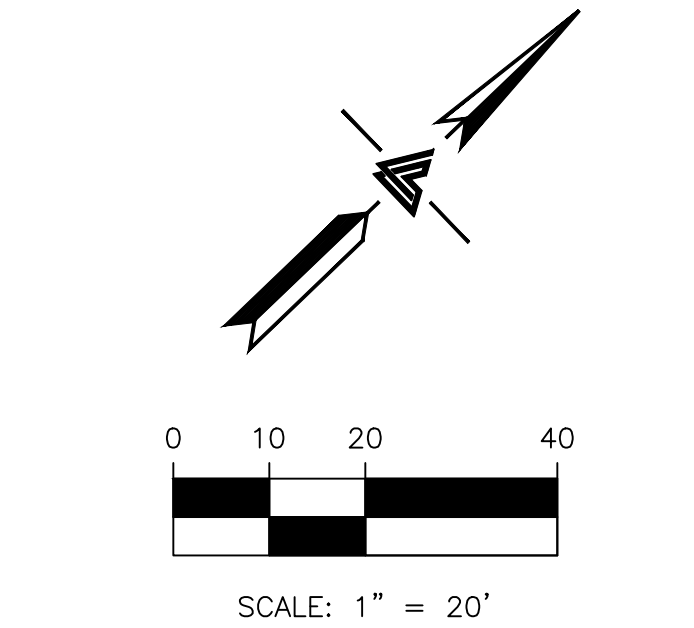
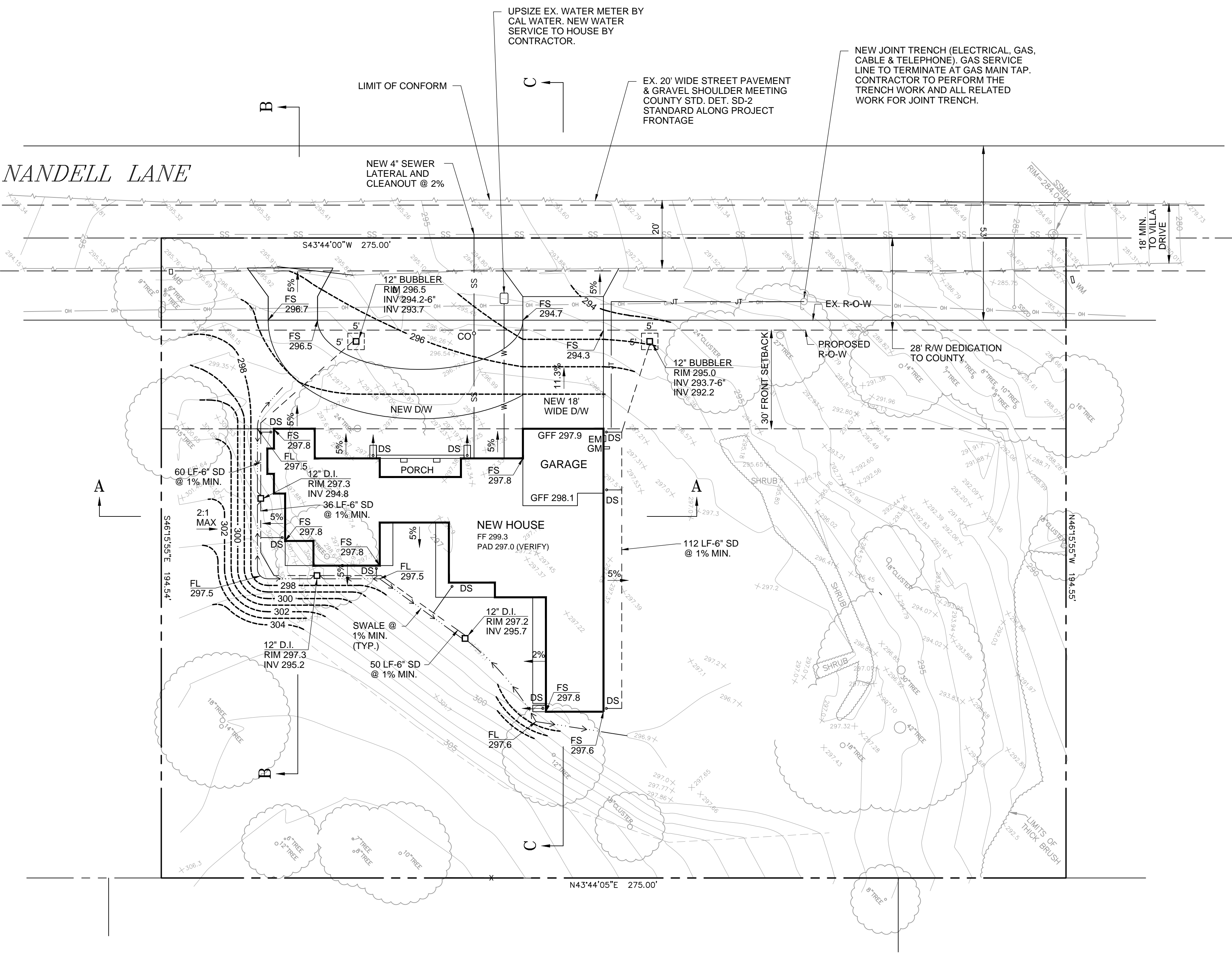
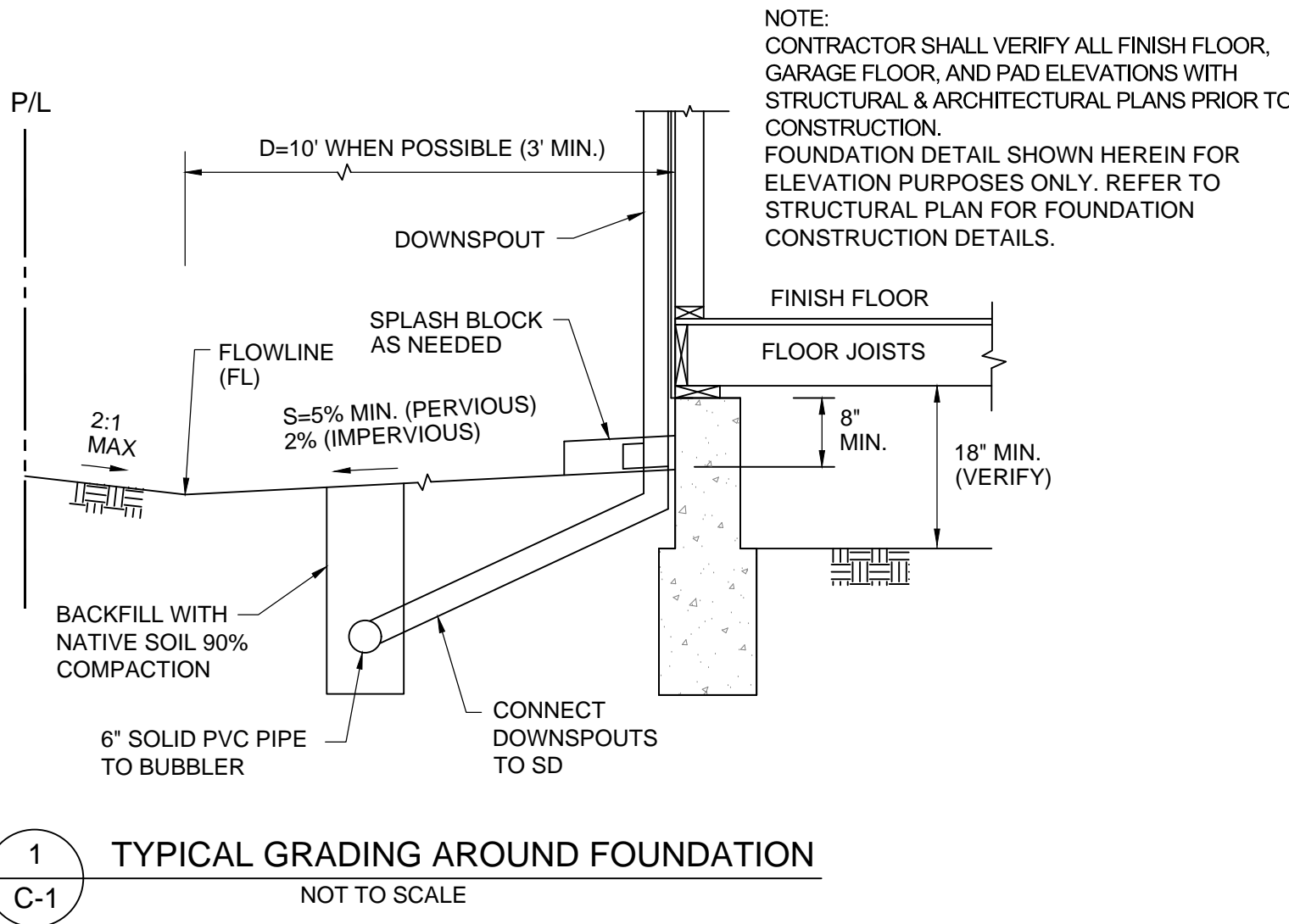
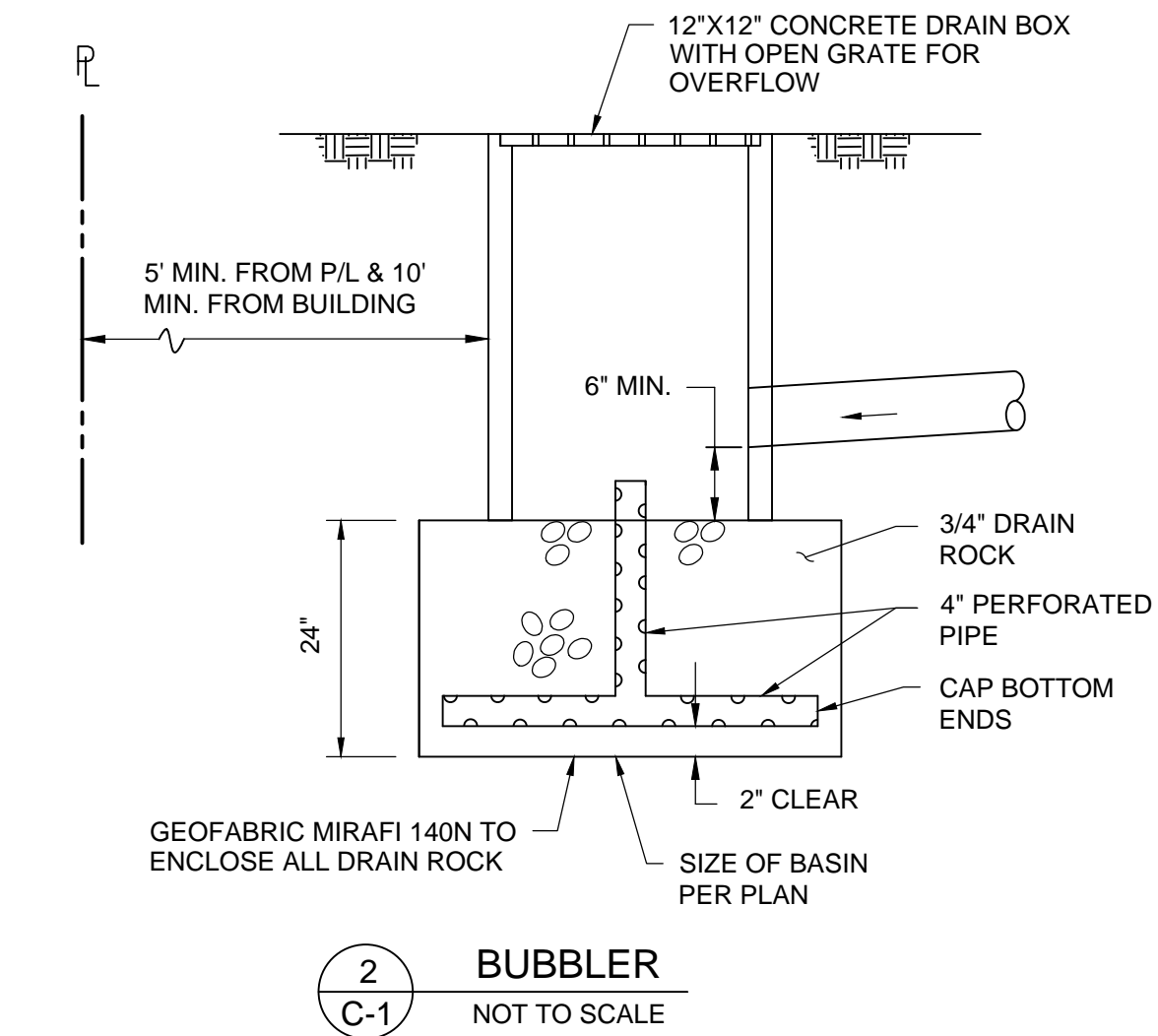
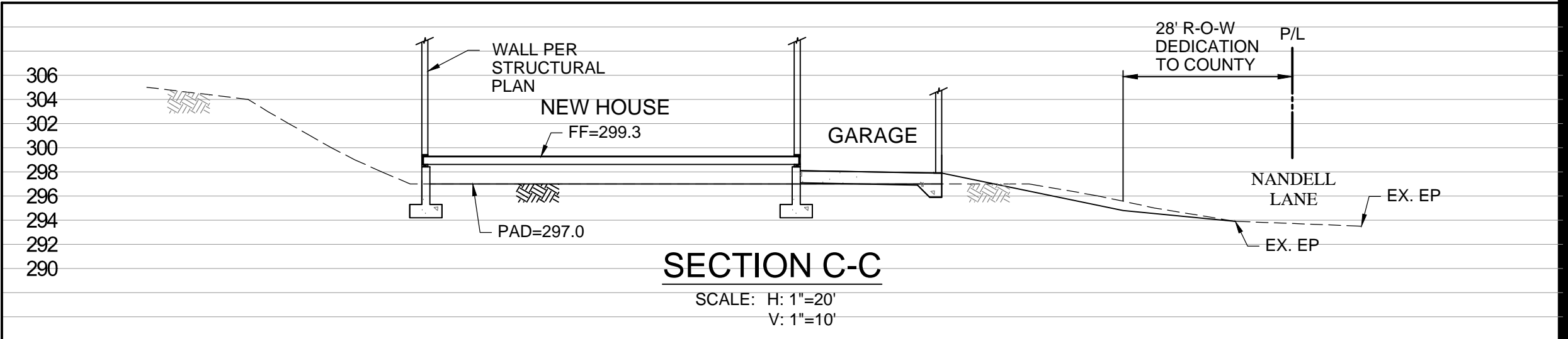
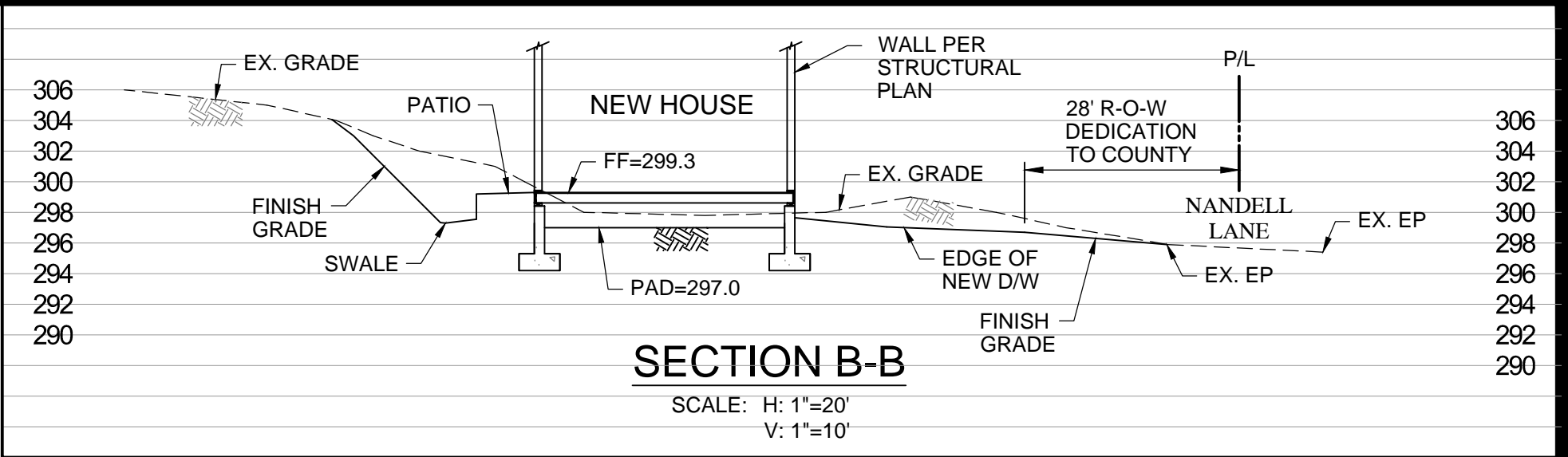
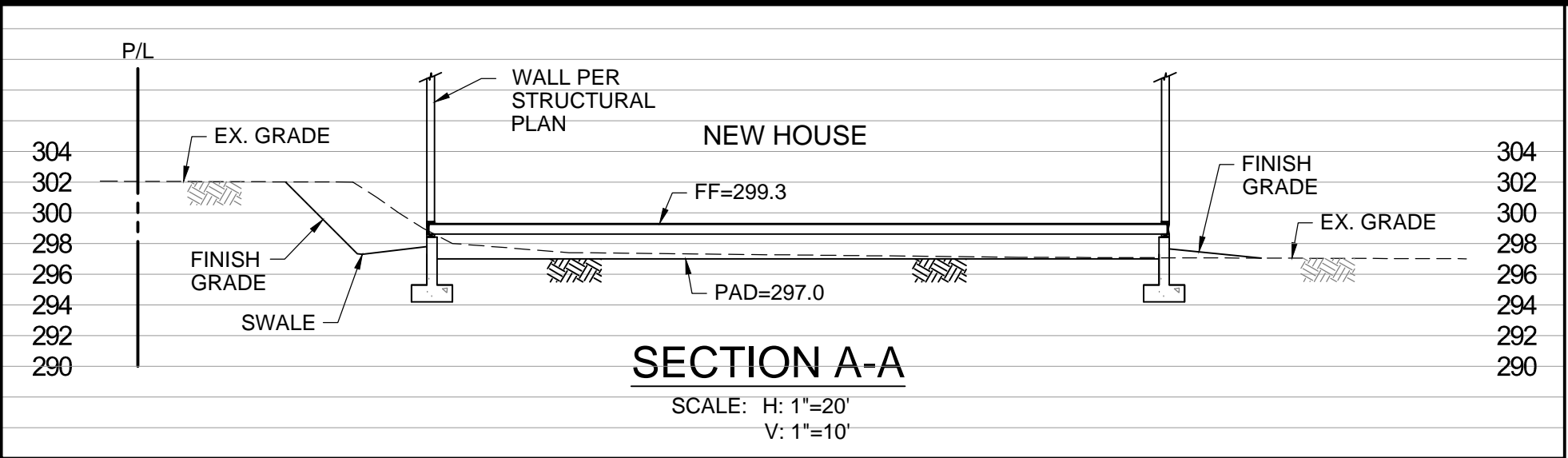
COUNTY FILE NO.:

GRADING NOTES:

- ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF CITY AND COUNTY STANDARDS AND SPECIFICATIONS.
- THE OWNER AND THE ENGINEER OF WORK WILL NOT BE RESPONSIBLE FOR ENFORCING SAFETY MEASURES AND REGULATIONS. THE CONTRACTOR MUST DESIGN, CONSTRUCT, INSTALL, AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAW AND REGULATIONS.
- PRIOR TO START OF CONSTRUCTION, CONTRACTOR MUST VERIFY ALL JOINT/CROSSING LOCATIONS, ELEVATIONS, CURB, GUTTER, SIDEWALK, FLOW LINES, PAVEMENT, STREETS, AND ALL GRADE JOINTS. IF DISCREPANCY IS FOUND, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER AND NOT PROCEED WITH ANY CONSTRUCTION UNTIL VERIFICATION AND REVISION (IF NECESSARY) IS COMPLETED BY THE SAID ENGINEER.
- THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES/STRUCTURES SHOWN HEREON WERE OBTAINED FROM INFORMATION FURNISHED BY OTHERS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS AND ACCURACY OF SAID INFORMATION. THE CONTRACTOR MUST ASCERTAIN THE TRUE VERTICAL AND HORIZONTAL LOCATION AND SIZE OF THOSE TO BE USED AND SHALL BE RESPONSIBLE FOR DAMAGE TO ANY PUBLIC OR PRIVATE UTILITIES SHOWN OR NOT SHOWN HEREON.
- THE SOIL REPORTS PREPARED FOR THIS PROJECT IS A PART OF THIS PLAN. THE MOST STRINGENT REQUIREMENTS BY SOIL ENGINEER OR GOVERNING AGENCIES SHALL PREVAIL.
- GRADING SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS AND RECOMMENDATIONS CONTAINED IN THE SOIL REPORT FOR THIS SITE TOGETHER WITH ANY SUPPLEMENTS THERETO. ALL GRADING WORK SHALL BE DONE UNDER THE OBSERVATION OF THE SOILS ENGINEER. THE SOIL ENGINEER SHALL BE NOTIFIED 48 HOURS BEFORE THE START OF ANY GRADING.
- PRIOR TO START OF ANY WORK, CONTRACTOR MUST REVIEW THE PLANS FOR DESIGN INCONSISTENCIES AND TYPOS SUCH AS ELEVATIONS, CURB HEIGHT, DIMENSIONS, SLOPES, ETC. IF INCONSISTENCIES OR OBVIOUS TYPOS ARE FOUND, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF WORK FOR VERIFICATION BEFORE PROCEEDING WITH ANY WORK.

PUBLIC RIGHT-OF-WAY NOTES:

- ALL WORK IN THE COUNTY ROAD RIGHT OF WAY REQUIRES AN ENCROACHMENT PERMIT FROM THE ROADS AND AIRPORTS DEPARTMENT. EACH INDIVIDUAL ACTIVITY REQUIRES A SEPARATE PERMIT - I.E. CABLE, ELECTRIC, GAS, SEWER, WATER, RETAINING WALLS, DRIVEWAY APPROACHES, FENCES, LANDSCAPING, TREE REMOVAL, STORM DRAINAGE IMPROVEMENTS, ETC.
- NO PERMANENT STRUCTURE SHALL BE LOCATED WITHIN THE EXISTING ROAD RIGHT OF WAY.
- REPAIR AND/OR REPLACE ANY PORTIONS OF THE EXISTING ROADWAY DAMAGED FROM CONSTRUCTION ACTIVITIES IN KIND AND AS NEEDED/DIRECTED BY COUNTY INSPECTOR AND/OR ENGINEER.
- ALL SAWCUT SPOILS SHALL BE VACUUMED.

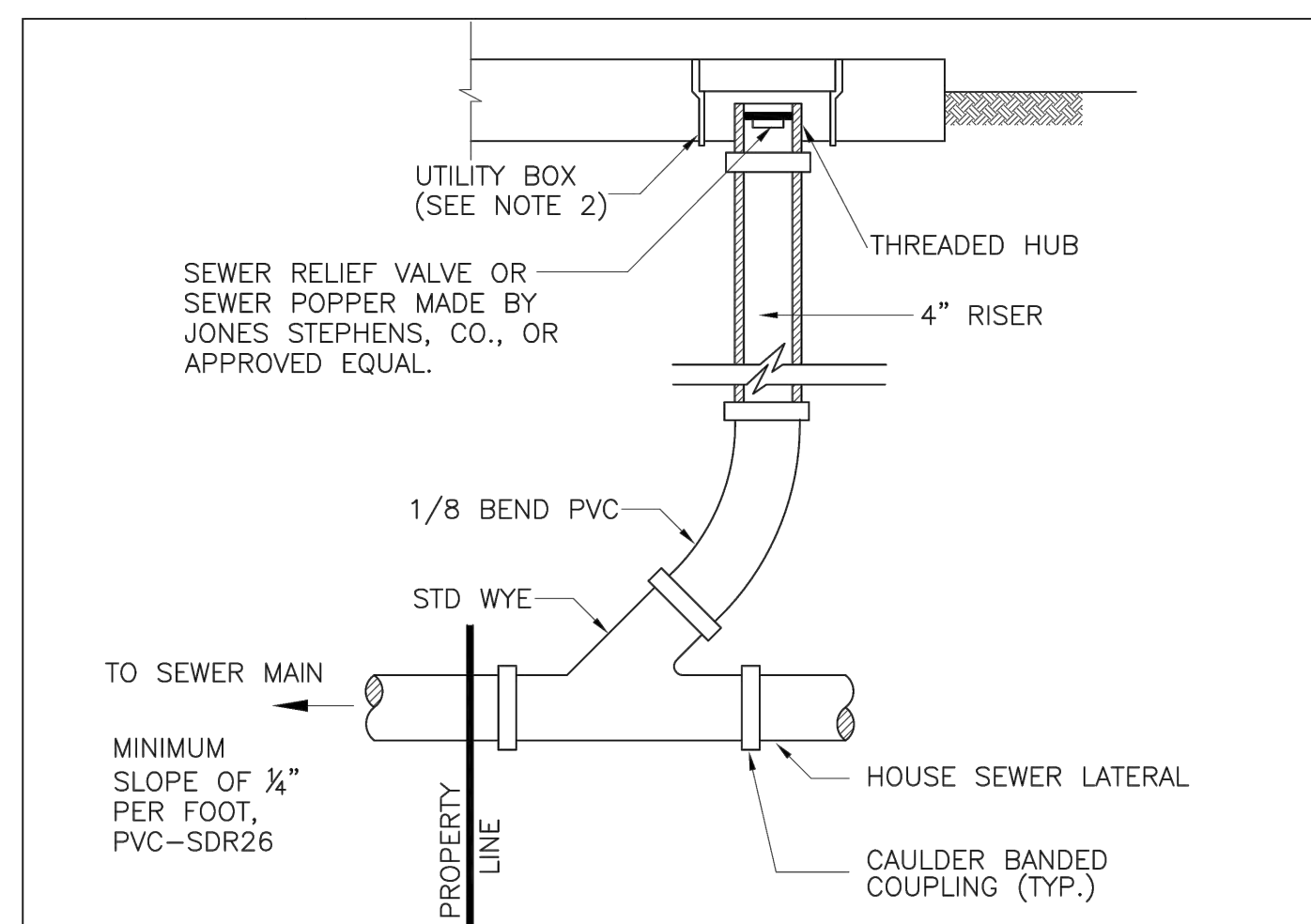
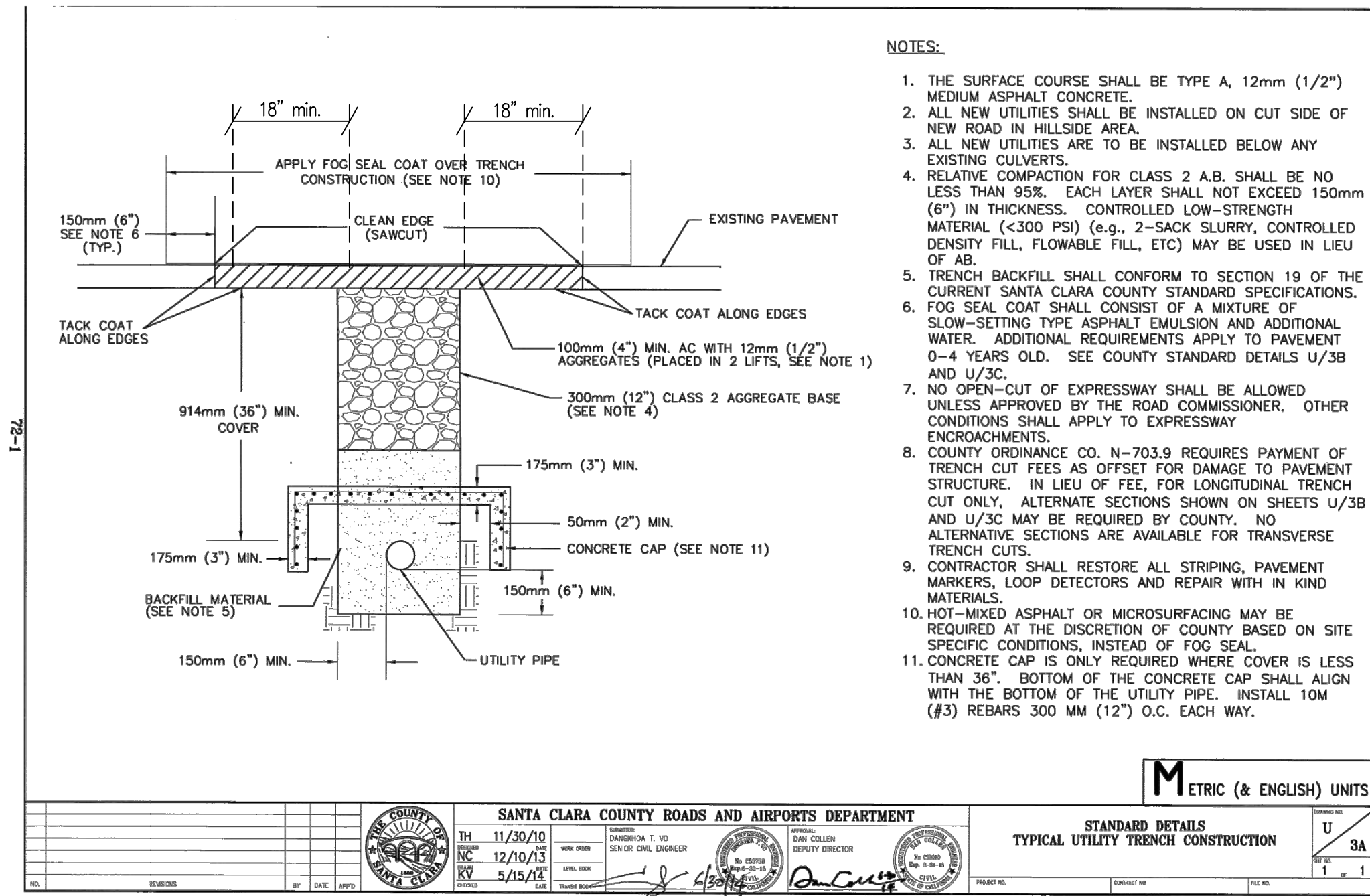


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GRADING & DRAINAGE PLAN
630 NANEDELL LANE
LOS ALTOS, CA

GRADING & DRAINAGE

NO.	REVISION	DATE	DATE: 6/13/2023 SCALE: AS NOTED DESIGNED BY: RW DRAWN BY: RW	SHEET 3 OF 7



- NOTE:**
1. SEWER LATERAL FROM THE HOUSE SHALL BE CONSTRUCTED PER BUILDING DEPARTMENT REQUIREMENTS.
 2. IN DRIVEWAY OR PLANTED AREA, USE CHRISTY TYPE G5 TRAFFIC BOX WITH G5C LID OR EQUAL. LID SHALL CONTAIN THE LETTERS "SEWER".
 3. WHEN INSTALLED IN PLANTED AREAS, CLEANOUT BOX SHALL BE SET A MINIMUM OF 1-1/2" ABOVE GRADE.
 4. OWNER IS RESPONSIBLE FOR MAINTENANCE, REPAIR, AND REPLACE OF LATERAL, FROM THE BUILDING TO THE MAIN CONNECTION INCLUDING THE WYE AT THE MAIN, SEWER RELIEF VALVE AND BACKFLOW PREVENTOR.
 5. INSTALL BACKFLOW PREVENTOR "CLEAN CHECK" EXTENDABLE BACKWATER VALVE, OR APPROVED EQUAL, UPSTREAM OF PROPERTY LINE CLEANOUT.

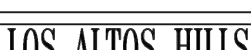
	TITLE		
	VERTICAL SEWER LATERAL CLEANOUT		
	ADOPTED BY CITY COUNCIL DATE: 1/13/2011	SCALE: NONE DATE: 1/6/2011 CHK: RC	STANDARD DETAIL SS-6
26379 FREMONT ROAD, LOS ALTOS HILLS, CA 94022 • Phone: (650) 941-7222			

Diagram illustrating the typical application of a lane closure with a work vehicle and truck-mounted attenuator (TMA). The diagram shows a two-lane road with a centerline. A work vehicle is positioned in the closed lane, with a TMA attached. The distance from the work vehicle to the start of the closed lane is labeled "12' MIN.". The distance from the work vehicle to the end of the closed lane is labeled "50 to 100 ft". The diagram also shows a "Buffer space (optional)" and a "Work vehicle (optional)". The diagram includes a note: "Note: See Tables PH-2 and PH-3 for the meaning of the symbols and/or letter codes used in this figure." The diagram is labeled "Typical Application 18".

November 7, 2014

**Notes for Figure 6H-18—Typical Application 18
Lane Closure on a Minor Street**

- Standard:**
1. This TTC shall be used only for low-speed facilities having low traffic volumes (Refer to Part 5, Section 5A.01).
- Option:**
2. Where the work space is short, where road users can see the roadway beyond, and where volume is low, vehicular traffic may be self-regulating.
- Standard:**
3. Where vehicular traffic cannot effectively self-regulate, one or two flaggers shall be used as illustrated in Figure 6H-10 6H-10(CA).
- Option:**
4. Flashing warning lights and/or flags may be used to call attention to the advance warning signs.
 5. A truck-mounted attenuator may be used on the work vehicle and the shadow vehicle.



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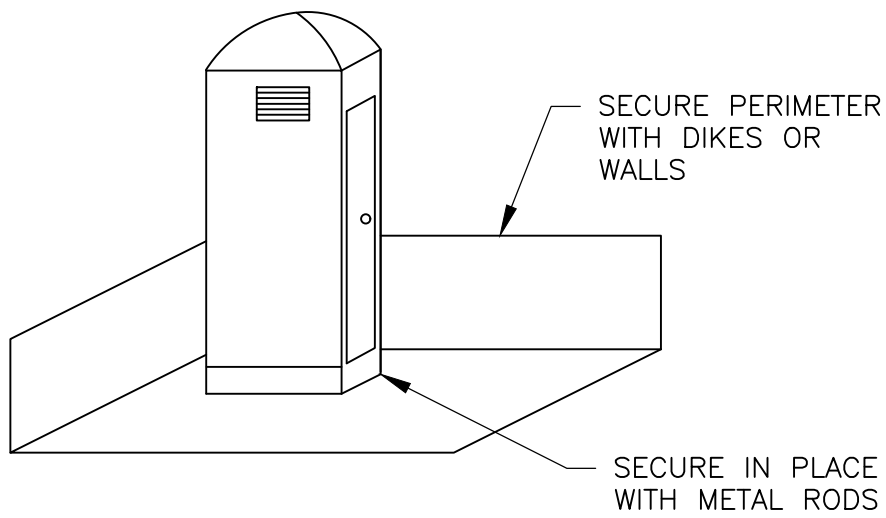
GRADING & DRAINAGE PLAN
630 NANDELL LANE
LOS ALTOS, CA

STANDARD DETAILS & TRAFFIC CONTROL PLAN

NO.	REVISION	DATE	DATE: 5/22/2023 SCALE: AS NOTED DESIGNED BY: RW DRAWN BY: RW	SHEET 4 OF 7

GRADING WORK BETWEEN OCTOBER 15 AND APRIL 15 IS AT THE DISCRETION OF THE SANTA CLARA COUNTY BUILDING OFFICIAL

NOTE:
SEDIMENT/EROSION CONTROL MEASURES SHOWN ON THIS SHEET ARE THE MINIMUM REQUIREMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADDITIONAL SEDIMENT/EROSION CONTROL MEASURES AS DEEMED NECESSARY TO ASSURE ADEQUATE PROTECTION DURING THE PROGRESS OF CONSTRUCTION AND AT THE CONTRACTOR'S EXPENSE.



- NOTES:
1. LOCATE PORTABLE TOILET IN CONVINIENT LOCATION.
 2. PREPARE LEVEL SURFACE AND PROVIDE CLEAR ACCESS TO THE TOILET FOR SERVICING AND FOR ON-SITE PERSONNEL.
 2. SECURE PERIMETR CONTROL FOR SPILL/PROTECTION LEAK.

PORTABLE TOILET
NOT TO SCALE

NOTES:

1. "THE OWNER/OWNER'S CONTRACTOR, AGENT, AND/OR ENGINEER SHALL INSTALL AND MAINTAIN CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs) WITHIN THE SANTA CLARA COUNTY ROAD RIGHT OF WAY AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE SANTA CLARA COUNTY ROAD RIGHT OF WAY. THE BMPs ARE USED THROUGHOUT THE DURATION OF CONSTRUCTION AND UNTIL THE ESTABLISHMENT OF PERMANENT STABILIZATION AND SEDIMENT CONTROL TO PREVENT CONSTRUCTION MATERIALS, EXCAVATED MATERIALS, WASTE MATERIALS, AND SEDIMENT CAUSED BY EROSION FROM CONSTRUCTION ACTIVITIES ENTERING THE STORM DRAIN SYSTEM, WATERWAYS, AND ROADWAY INFRASTRUCTURE. BMPs SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:
i. REDUCTION OF POLLUTANTS IN STORM WATER DISCHARGE FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAYDOWN/STAGING AREAS,
ii. PREVENTION OF TRACKING OF MUD, DIRT AND CONSTRUCTION MATERIAL ONTO PUBLIC ROAD RIGHT OF WAY, AND
iii. PREVENTION OF DISCHARGE OF WATER RUNOFF DURING DRY AND WET WEATHER CONDITIONS ONTO PUBLIC ROAD RIGHT OF WAY."
2. "THE OWNER/OWNER'S CONTRACTOR, AGENT AND/OR ENGINEER SHALL ENSURE THAT ALL TEMPORARY CONSTRUCTION FACILITIES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIALS, DELIVERIES, HAZARDOUS AND NON HAZARDOUS MATERIAL STORAGE, EQUIPMENT, TOOLS, PORTABLE TOILETS, CONCRETE WASHOUT, GARBAGE CONTAINERS, LAYDOWN YARDS, SECONDARY CONTAINMENT AREAS, ETC. ARE LOCATED OUTSIDE THE SANTA CLARA COUNTY ROAD RIGHT OF WAY AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE SANTA CLARA COUNTY ROAD RIGHT OF WAY."

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

1. THIS PLAN IS INTENDED TO BE USED FOR INTERIM EROSION AND SEDIMENT CONTROL ONLY AND IS NOT TO BE USED FOR FINAL ELEVATIONS OR PERMANENT IMPROVEMENTS.
2. OWNER/ CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING EROSION AND SEDIMENT CONTROL MEASURES PRIOR, DURING, AND AFTER STORM EVENTS.
3. REASONABLE CARE SHALL BE TAKEN WHEN HAULING ANY EARTH, SAND, GRAVEL, STONE, DEBRIS, PAPER OR ANY OTHER SUBSTANCE OVER ANY PUBLIC STREET, ALLEY OR OTHER PUBLIC PLACE. SHOULD ANY BLOW, SPILL, OR TRACK OVER AND UPON SAID PUBLIC OR ADJACENT PRIVATE PROPERTY, IMMEDIATE REMEDY SHALL OCCUR.
4. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE.
5. DURING THE RAINY SEASON, ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF TO ANY STORM DRAINAGE SYSTEM, INCLUDING EXISTING DRAINAGE SWALES AND WATER COURSES.
6. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION WILL BE MINIMIZED. STATE AND LOCAL LAWS CONCERNING POLLUTION ABATEMENT SHALL BE COMPLIED WITH.
7. CONTRACTOR SHALL PROVIDE DUST CONTROL AS REQUIRED BY THE APPROPRIATE FEDERAL, STATE, AND LOCAL AGENCY REQUIREMENTS.

EROSION AND SEDIMENT CONTROL MEASURES

1. THE FACILITIES SHOWN ON THIS PLAN ARE DESIGNED TO CONTROL EROSION AND SEDIMENT DURING THE RAINY SEASON, OCTOBER 15 TO APRIL 15. FACILITIES ARE TO BE OPERABLE PRIOR TO OCTOBER 1 OF ANY YEAR. GRADING OPERATIONS DURING THE RAINY SEASON WHICH LEAVE DENUDED SLOPES SHALL BE PROTECTED WITH EROSION CONTROL MEASURES IMMEDIATELY FOLLOWING GRADING ON THE SLOPES.
2. THIS PLAN COVERS ONLY THE FIRST WINTER FOLLOWING GRADING WITH ASSUMED SITE CONDITIONS AS SHOWN ON THE EROSION CONTROL PLAN. PRIOR TO SEPTEMBER 15, THE COMPLETION OF SITE IMPROVEMENT SHALL BE EVALUATED AND REVISIONS MADE TO THIS PLAN AS NECESSARY WITH THE APPROVAL OF THE CITY ENGINEER. PLANS ARE TO BE RESUBMITTED FOR CITY APPROVAL PRIOR TO SEPTEMBER 1 OF EACH SUBSEQUENT YEAR UNTIL SITE IMPROVEMENTS ARE ACCEPTED BY THE CITY AND COUNTY.
3. CONSTRUCTION ENTRANCES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF GRADING. ALL CONSTRUCTION TRAFFIC ENTERING ONTO THE PAVED ROADS MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE WAYS. (ALSO INCLUDE THIS NOTE ON GRADING PLANS.)
4. CONTRACTOR SHALL MAINTAIN STABILIZED ENTRANCE AT EACH VEHICLE ACCESS POINT TO EXISTING PAVED STREETS. ANY MUD OR DEBRIS TRACKED ONTO PUBLIC STREETS SHALL BE REMOVED DAILY AND AS REQUIRED BY THE CITY AND COUNTY.
5. IF HYDROSEEDING IS NOT USED OR IS NOT EFFECTIVE BY 10/10, THEN OTHER IMMEDIATE METHODS SHALL BE IMPLEMENTED, SUCH AS EROSION CONTROL BLANKETS, OR A THREE-STEP APPLICATION OF 1) SEED, MULCH, FERTILIZER 2) BLOWN STRAW 3) TACKIFIER AND MULCH.
6. INLET PROTECTION SHALL BE INSTALLED AT OPEN INLETS TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAIN SYSTEM. INLETS NOT USED IN CONJUNCTION WITH EROSION CONTROL ARE TO BE BLOCKED TO PREVENT ENTRY OF SEDIMENT.
7. LOTS WITH HOUSES UNDER CONSTRUCTION WILL NOT BE HYDROSEEDDED. EROSION PROTECTION FOR EACH LOT WITH A HOUSE UNDER CONSTRUCTION SHALL CONFORM TO THE TYPICAL LOT EROSION CONTROL DETAIL SHOWN ON THIS SHEET.
8. THIS EROSION AND SEDIMENT CONTROL PLAN MAY NOT COVER ALL THE SITUATIONS THAT MAY ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS AND ADDITIONS MAY BE MADE TO THIS PLAN IN THE FIELD. NOTIFY THE CITY REPRESENTATIVE OF ANY FIELD CHANGES.

MAINTENANCE NOTES

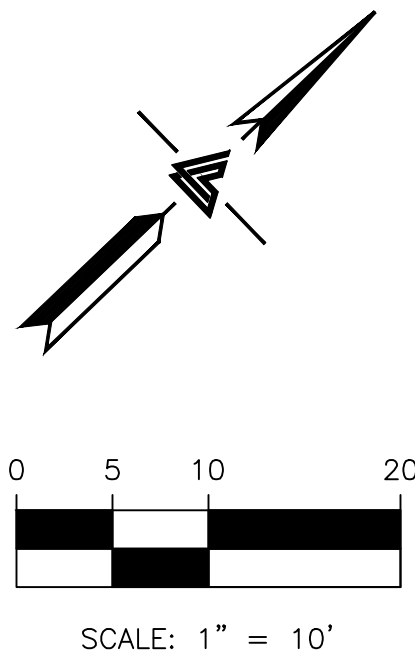
1. MAINTENANCE IS TO BE PERFORMED AS FOLLOWS:
A. REPAIR DAMAGES CAUSED BY SOIL EROSION OR CONSTRUCTION AT THE END OF EACH WORKING DAY.
B. SWALES SHALL BE INSPECTED PERIODICALLY AND MAINTAINED AS NEEDED.
C. SEDIMENT TRAPS, BERMS, AND SWALES ARE TO BE INSPECTED AFTER EACH STORM AND REPAIRS MADE AS NEEDED.
D. SEDIMENT SHALL BE REMOVED AND SEDIMENT TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO A DEPTH OF 1 FOOT.
E. SEDIMENT REMOVED FROM TRAP SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
F. RILLS AND GULLIES MUST BE REPAIRED.
2. ROCK BAG INLET PROTECTION SHALL BE CLEANED OUT WHENEVER SEDIMENT DEPTH IS ONE HALF THE HEIGHT OF ONE GRAVEL BAG.

HYDROSEEDING:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, CALTRANS STANDARD SPECIFICATIONS, AND UNDER THE DIRECTION OF THE SOIL ENGINEER IN THE FIELD.
2. ALL AREAS SPECIFIED FOR HYDROSEEDING SHALL BE NOZZLE PLANTED WITH STABILIZATION MATERIAL CONSISTING OF FIBER, SEED, FERTILIZER AND WATER, MIXED AND APPLIED IN THE FOLLOWING PROPORTIONS AVAILABLE FROM PACIFIC COAST SEED, LIVERMORE (925) 373-4417:

FIBER (HYDROSTRAW AND TACK MULCH)
COLOR (GREEN TO GOLD)
FERTILIZER (16-20-0)
M-BINDER
WATER, AS REQUIRED FOR APPLICATION

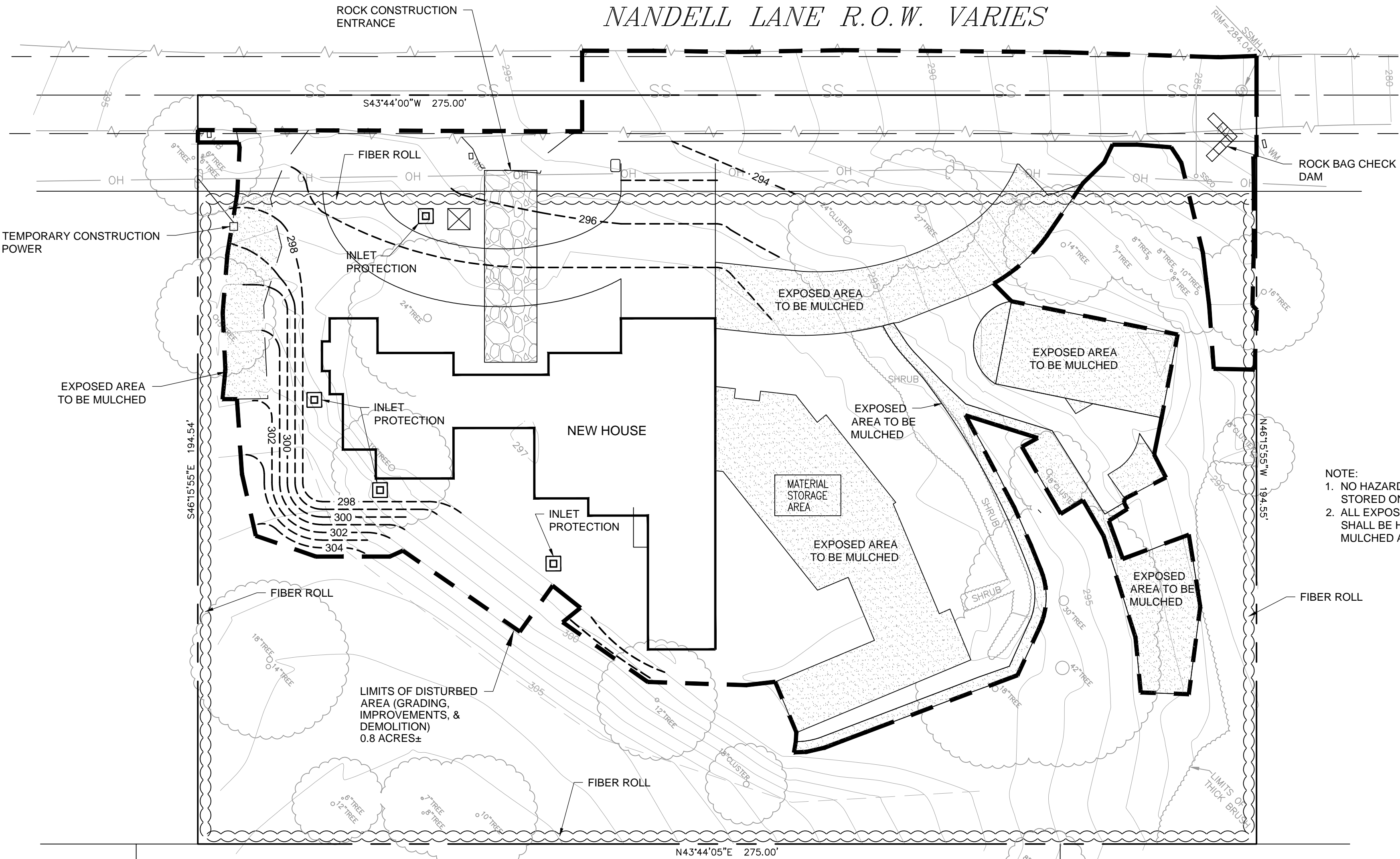
2500 LBS/ACRE
55 LBS/ACRE
350 LBS/ACRE
125 LB/ACRE



- NOTE:
1. NO HAZARDOUS MATERIAL SHALL BE STORED ON SITE
 2. ALL EXPOSED DISTURBED AREA SHALL BE HYDROSEEDDED OR MULCHED AS SHOWN.

LEGEND

- FIBEL ROLL
- CONCRETE WASH AREA
- CONSTRUCTION ENTRANCE
- EXPOSED AREA TO BE MULCHED
- PORT-A-POTY
- ROCK BAG CHECK DAM



APPLICANT: KIM

ROAD: NANDELL LANE

COUNTY FILE NO.:

RW RW ENGINEERING, INC.
505 ALTAMONT DRIVE
MILPITAS, CA 95035
(408) 262-1899
(408) 824-5556 (FAX)

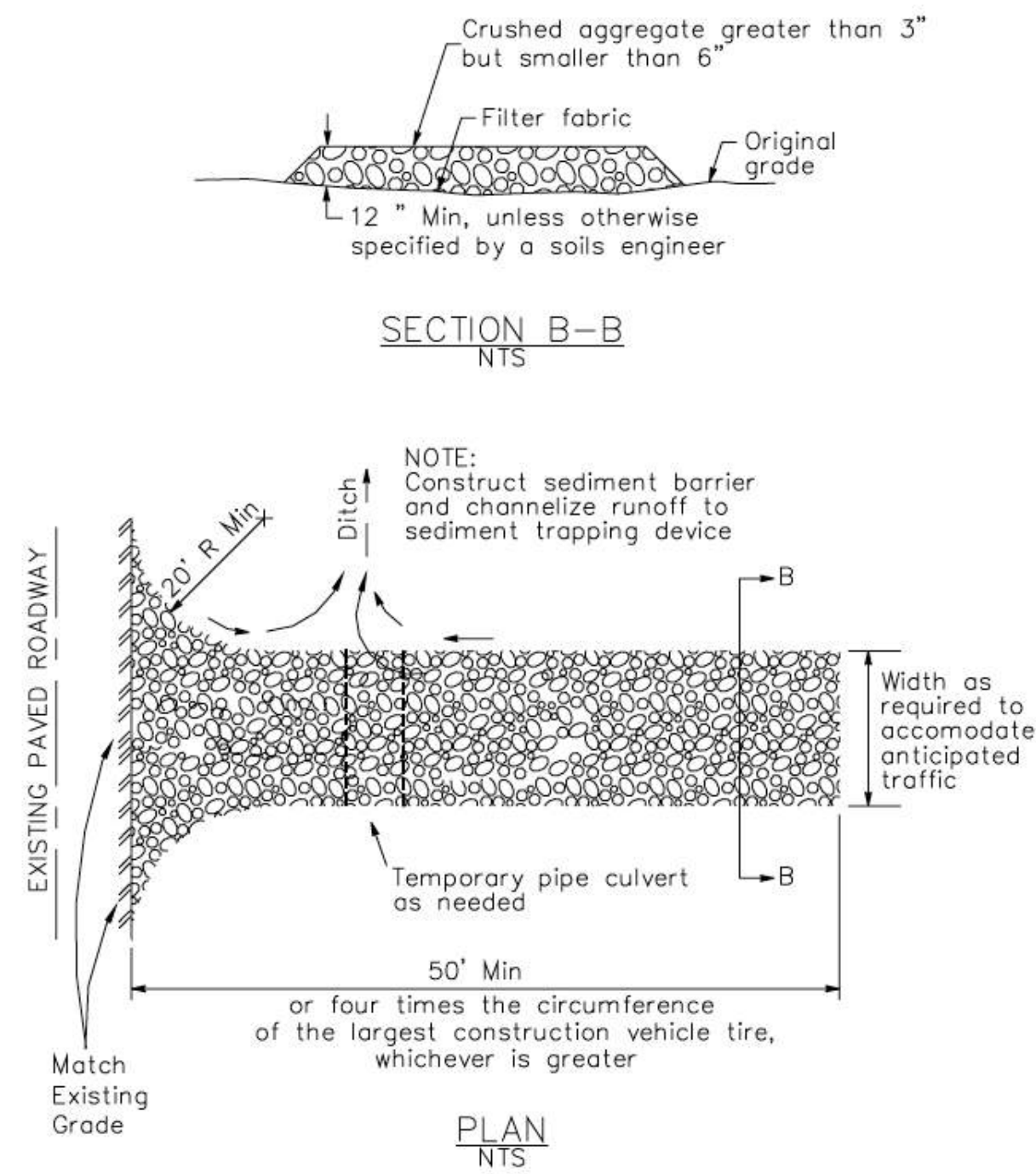
GRADING & DRAINAGE PLAN
630 NANDELL LANE
LOS ALTOS, CA

EROSION CONTROL

NO.	REVISION	DATE	DATE: 6/13/2023 SCALE: AS NOTED DESIGNED BY: RW DRAWN BY: RW	SHEET 5 OF 7

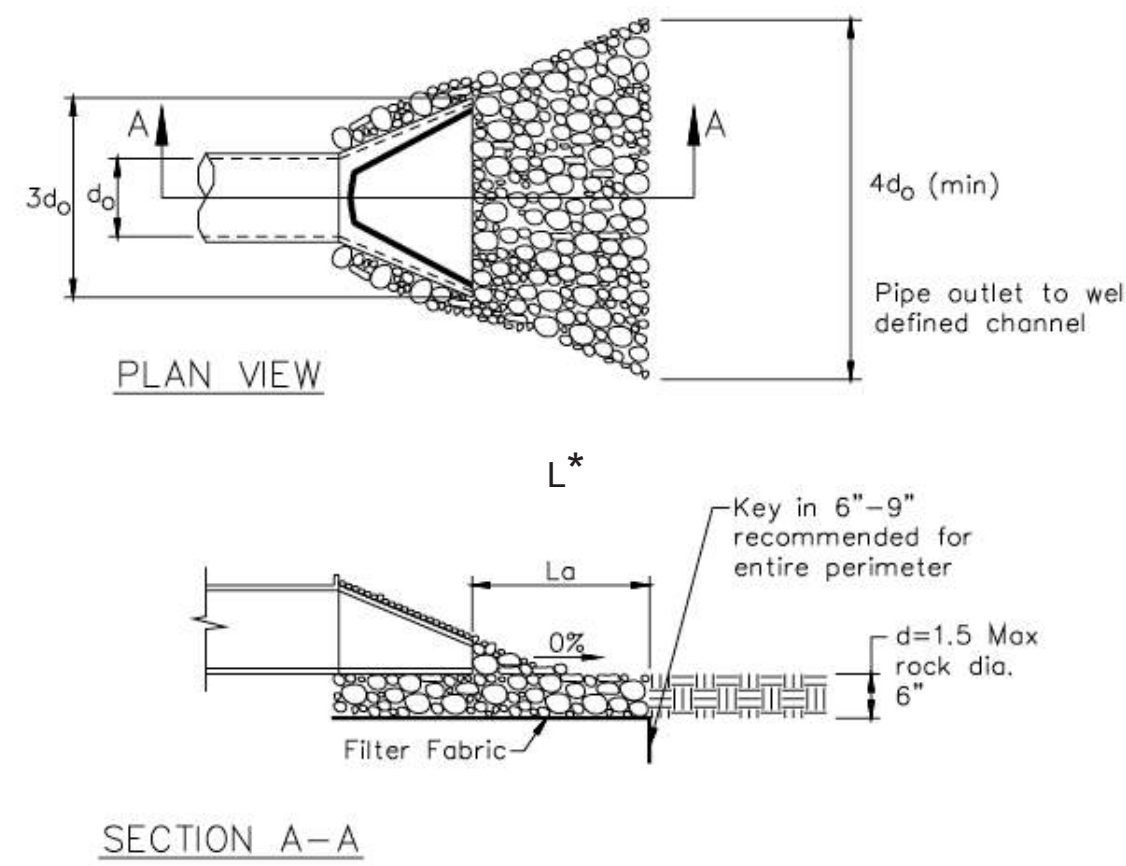
3 Stabilized Construction Entrance/Exit

CASQA Detail TC-1



4 Velocity Dissipation Devices

CASQA Detail EC-10

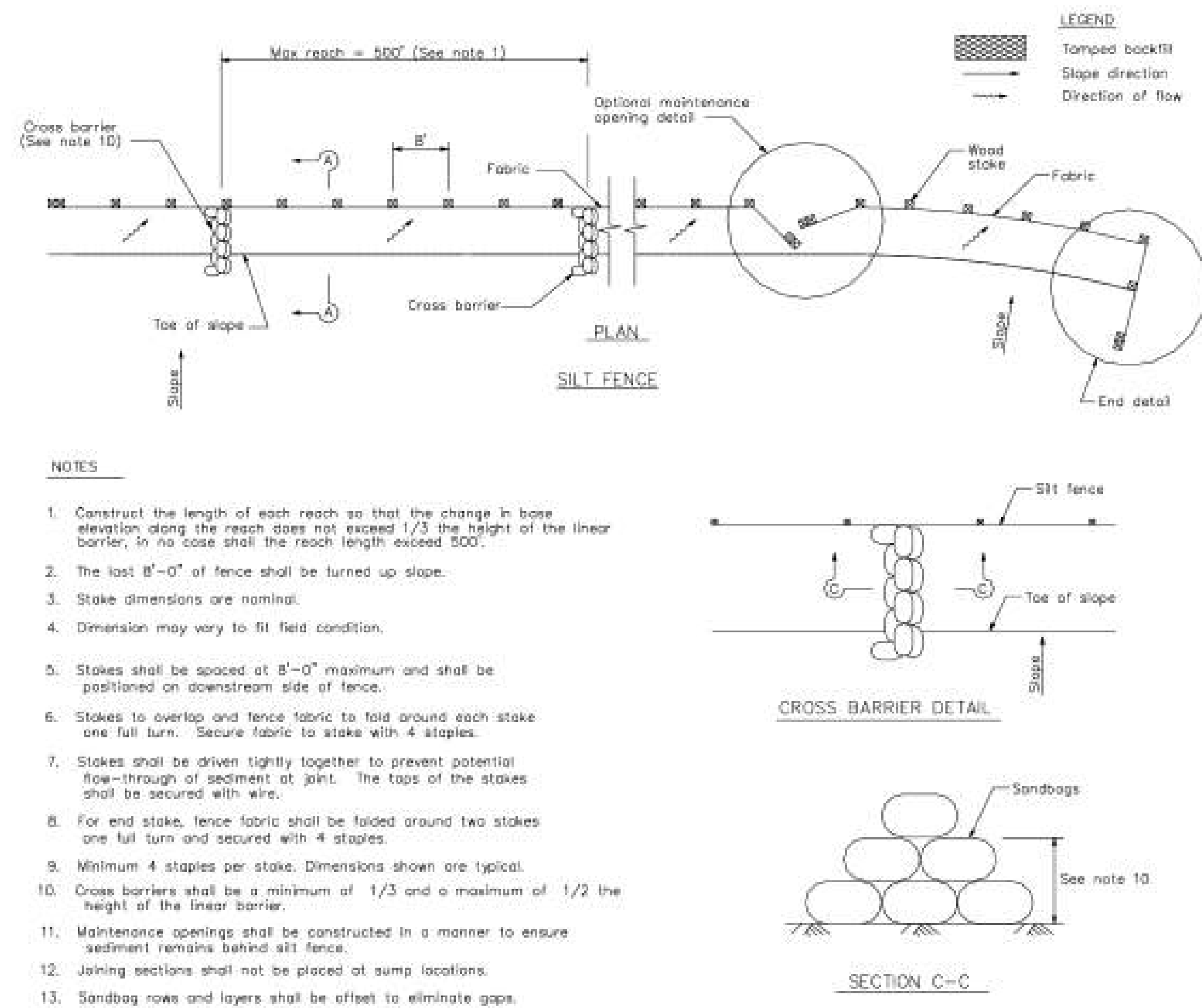


* Length per ABAG Design Standards

Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003. Available from www.cabmphandbooks.com.

1 Silt Fence

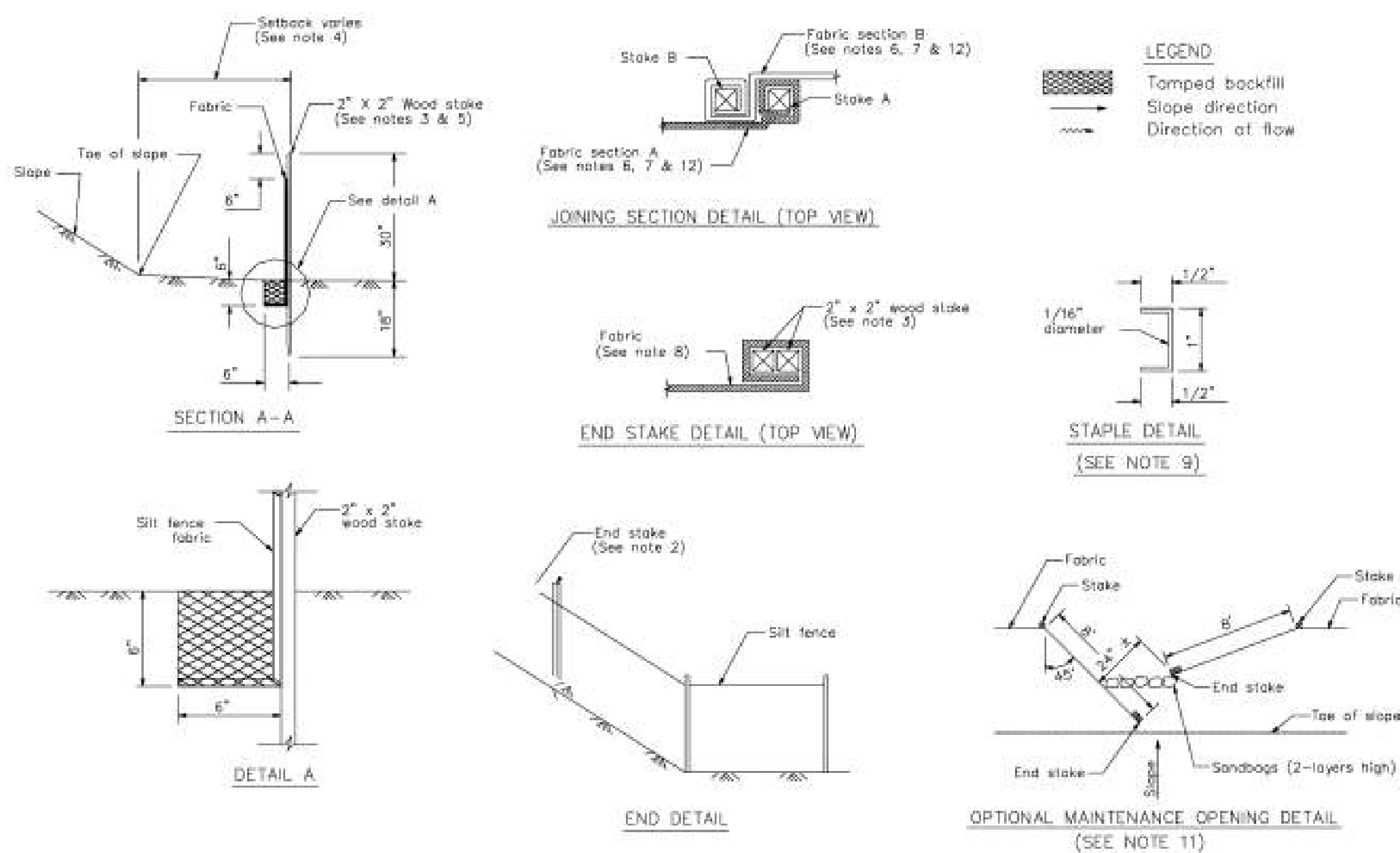
CASQA Detail SE-1



- NOTES
1. Construct the length of each reach so that the change in base elevation along the reach does not exceed 1/3 the height of the linear barrier, in no case shall the reach length exceed 500'.
 2. The last 8'-0" of fence shall be turned up slope.
 3. Stake dimensions are nominal.
 4. Dimension may vary to fit field condition.
 5. Stakes shall be spaced at 8'-0" maximum and shall be positioned on downstream side of fence.
 6. Stakes to overlap and fence fabric to fold around each stake one full turn. Secure fabric to stake with 4 staples.
 7. Stakes shall be driven tightly together to prevent potential flow-through of sediment at joint. The tops of the stakes shall be secured with wire.
 8. For end stake, fence fabric shall be folded around two stakes one full turn and secured with 4 staples.
 9. Minimum 4 staples per stake. Dimensions shown are typical.
 10. Cross barriers shall be a minimum of 1/3 and a maximum of 1/2 the height of the linear barrier.
 11. Maintenance openings shall be constructed in a manner to ensure sediment remains behind silt fence.
 12. Joining sections shall not be placed at sump locations.
 13. Sandbag rows and layers shall be offset to eliminate gaps.

Silt Fence

CASQA Detail SE-1



STANDARD BEST MANAGEMENT PRACTICE NOTES

1. **Solid and Demolition Waste Management:** Provide designated waste collection areas and containers on site away from streets, gutters, storm drains, and waterways, and arrange for regular disposal. Waste containers must be watertight and covered at all times except when waste is deposited. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C3) or latest.
2. **Hazardous Waste Management:** Provide proper handling and disposal of hazardous wastes by a licensed hazardous waste material hauler. Hazardous wastes shall be stored and properly labeled in sealed containers constructed of suitable materials. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-5 to C-6) or latest.
3. **Spill Prevention and Control:** Provide proper storage areas for liquid and solid materials, including chemicals and hazardous substances, away from streets, gutters, storm drains, and waterways. Spill control materials must be kept on site where readily accessible. Spills must be cleaned up immediately and contaminated soil disposed properly. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-7 to C-8, C-13 to C-14) or latest.
4. **Vehicle and Construction Equipment Service and Storage:** An area shall be designated for the maintenance, where on-site maintenance is required, and storage of equipment that is protected from stormwater run-on and runoff. Measures shall be provided to capture any waste oils, lubricants, or other potential pollutants and these wastes shall be properly disposed of off site. Fueling and major maintenance/repair, and washing shall be conducted off-site whenever feasible. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C9) or latest.
5. **Material Delivery, Handling and Storage:** In general, materials should not be stockpiled on site. Where temporary stockpiles are necessary and approved by the County, they shall be covered with secured plastic sheeting or tarp and located in designated areas near construction entrances and away from drainage paths and waterways. Barriers shall be provided around storage areas where materials are potentially in contact with runoff. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-11 to C-12) or latest.
6. **Handling and Disposal of Concrete and Cement:** When concrete trucks and equipment are washed on-site, concrete wastewater shall be contained in designated containers or in a temporary lined and watertight pit where wasted concrete can harden for later removal. If possible have concrete contractor remove concrete wash water from site. In no case shall fresh concrete be washed into the road right-of-way. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-15 to C-16) or latest.
7. **Pavement Construction Management:** Prevent or reduce the discharge of pollutants from paving operations, using measures to prevent run-on and runoff pollution and properly disposing of wastes. Avoid paving in the wet season and reschedule paving when rain is in the forecast. Residue from saw-cutting shall be vacuumed for proper disposal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-17 to C-18) or latest.
8. **Contaminated Soil and Water Management:** Inspections to identify contaminated soils should occur prior to construction and at regular intervals during construction. Remediating contaminated soil should occur promptly after identification and be specific to the contaminant identified, which may include hazardous waste removal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-19 to C-20) or latest.
9. **Sanitary/Septic Water Management:** Temporary sanitary facilities should be located away from drainage paths, waterways, and traffic areas. Only licensed sanitary and septic waste haulers should be used. Secondary containment should be provided for all sanitary facilities. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C-21) or latest.
10. **Inspection & Maintenance:** Areas of material and equipment storage sites and temporary sanitary facilities must be inspected weekly. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.

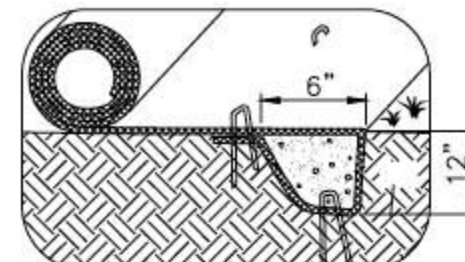
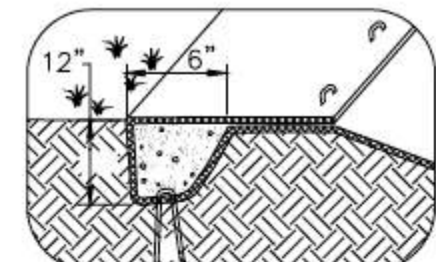
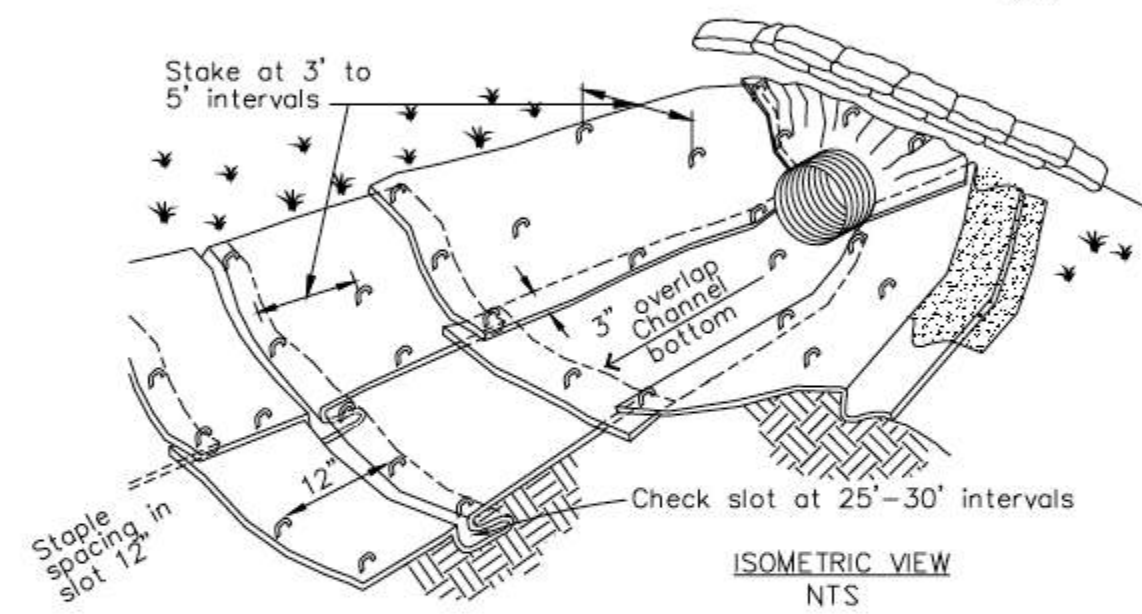
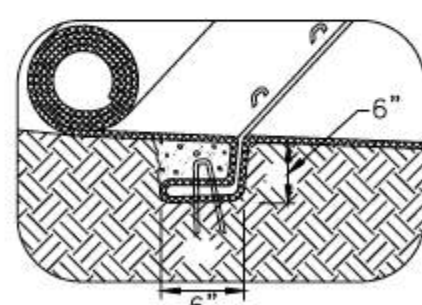
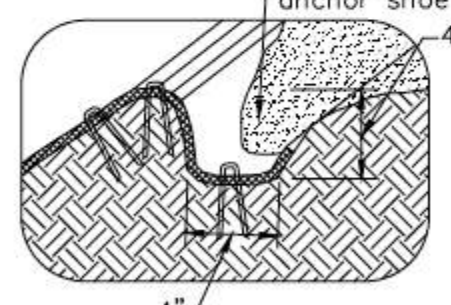
STANDARD EROSION CONTROL NOTES

1. **Sediment Control Management:**
 - Tracking Prevention & Clean Up:** Activities shall be organized and measures taken as needed to prevent or minimize tracking of soil onto the public street system. A gravel or proprietary device construction entrance/exit is required for all sites. Clean up of tracked material shall be provided by means of a street sweeper prior to an approaching rain event, or at least once at the end of each workday that material is tracked, or, more frequently as determined by the County Inspector. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-31 to B-33) or latest.
 - Storm Drain Inlet and Catch Basin Inlet Protection:** All inlets within the vicinity of the project and within the project limits shall be protected with gravel bags placed around inlets or other inlet protection. At locations where exposed soils are present, staked fiber rolls or staked silt fences can be used. Inlet filters are not allowed due to clogging and subsequent flooding. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-49 to B-51) or latest.
 - Storm Water Runoff:** No storm water runoff shall be allowed to drain in to the existing and/or proposed underground storm drain system or other above ground watercourses until appropriate erosion control measures are fully installed.
 - Dust Control:** The contractor shall provide dust control in graded areas as required by providing wet suppression or chemical stabilization of exposed soils, providing for rapid clean up of sediments deposited on paved roads, furnishing construction road entrances and vehicle wash down areas, and limiting the amount of areas disturbed by clearing and earth moving operations by scheduling these activities in phases.
 - Stockpiling:** Excavated soils shall not be placed in streets or on paved areas. Borrow and temporary stockpiles shall be protected with appropriate erosion control measures (tarps, straw bales, silt fences, etc.) to ensure silt does not leave the site or enter the storm drain system or neighboring watercourse.
2. **Erosion Control:** During the rainy season, all disturbed areas must include an effective combination of erosion and sediment control. It is required that temporary erosion control measures are applied to all disturbed soil areas prior to a rain event. During the non-rainy season, erosion control measures must be applied sufficient to control wind erosion at the site.
3. **Inspection & Maintenance:** Disturbed areas of the Project's site, locations where vehicles enter or exit the site, and all erosion and sediment controls that are identified as part of the Erosion Control Plans must be inspected by the Contractor before, during, and after storm events, and at least weekly during seasonal wet periods. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.
4. **Project Completion:** Prior to project completion and signoff by the County Inspector, all disturbed areas shall be reseeded, planted, or landscaped to minimize the potential for erosion on the subject site.
5. It shall be the Owner's/Contractor's responsibility to maintain control of the entire construction operation and to keep the entire site in compliance with the erosion control plan.
6. Erosion and sediment control best management practices shall be operable year round or until vegetation is fully established on landscaped surfaces.

7

Geotextiles and Mats

CASQA Detail EC-7

INITIAL CHANNEL ANCHOR TRENCH
NTSTERMINAL SLOPE AND CHANNEL
ANCHOR TRENCH
NTSISOMETRIC VIEW
NTSINTERMITTENT CHECK SLOT
NTSLONGITUDINAL ANCHOR TRENCH
NTS

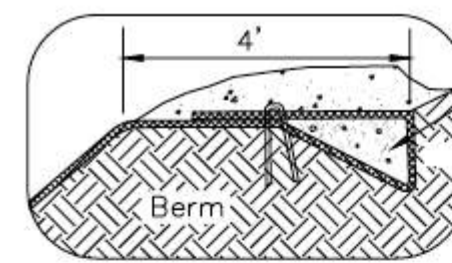
- NOTES:
1. Check slots to be constructed per manufacturers specifications.
 2. Staking or stapling layout per manufacturers specifications.
 3. Install per manufacturer's recommendations

TYPICAL INSTALLATION DETAIL

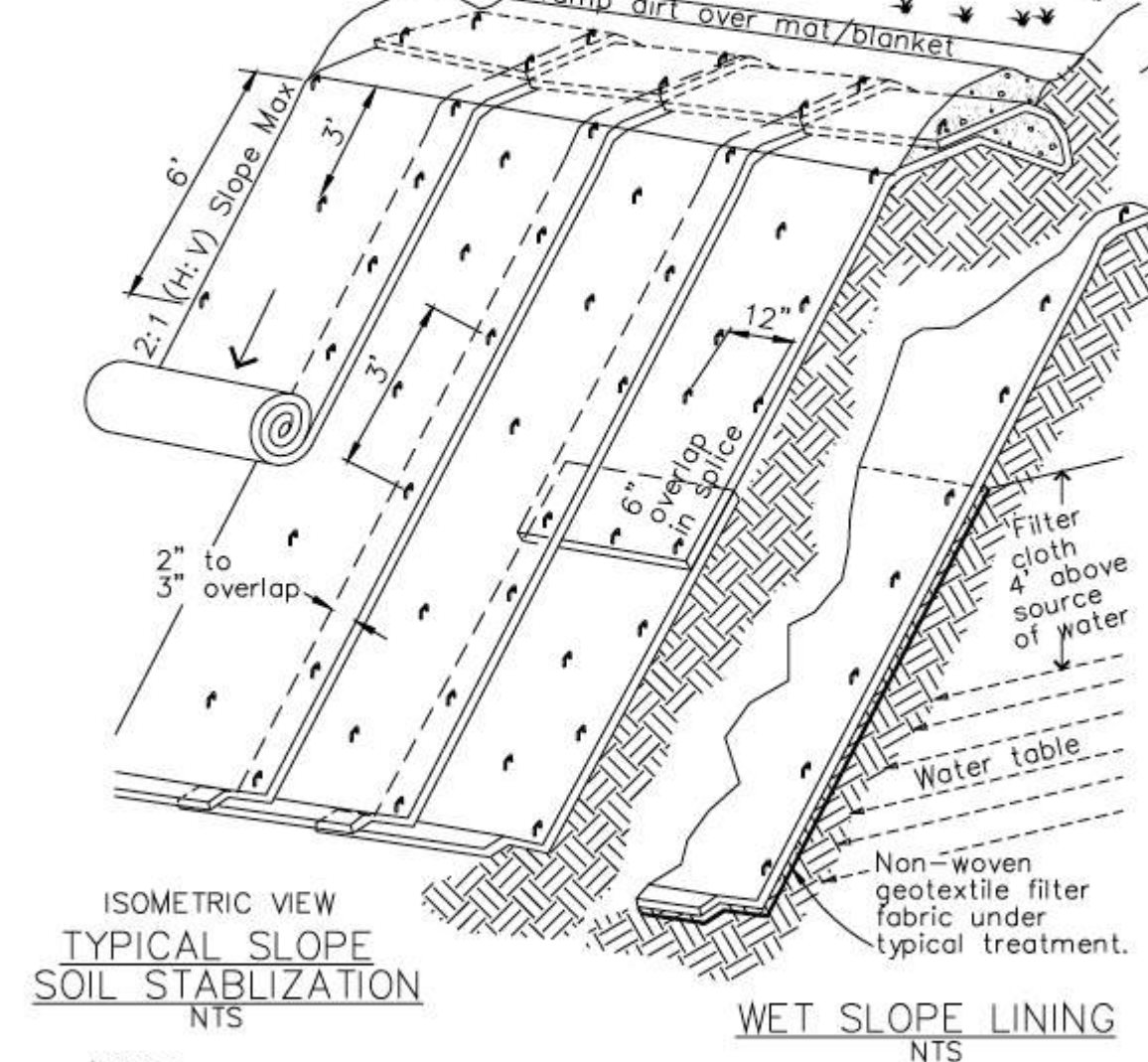
5

Geotextiles and Mats

CASQA Detail EC-7



Berm

ISOMETRIC VIEW
TYPICAL SLOPE
SOIL STABILIZATION
NTSWET SLOPE LINING
NTS

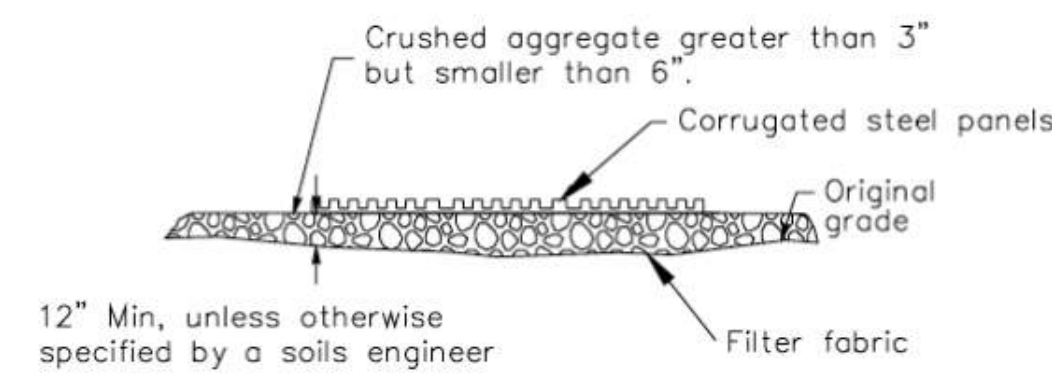
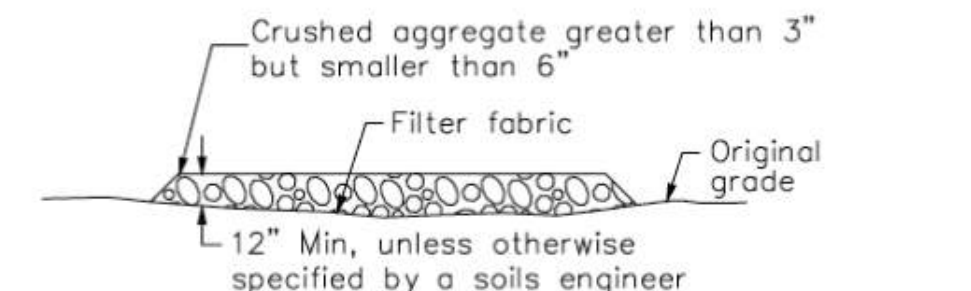
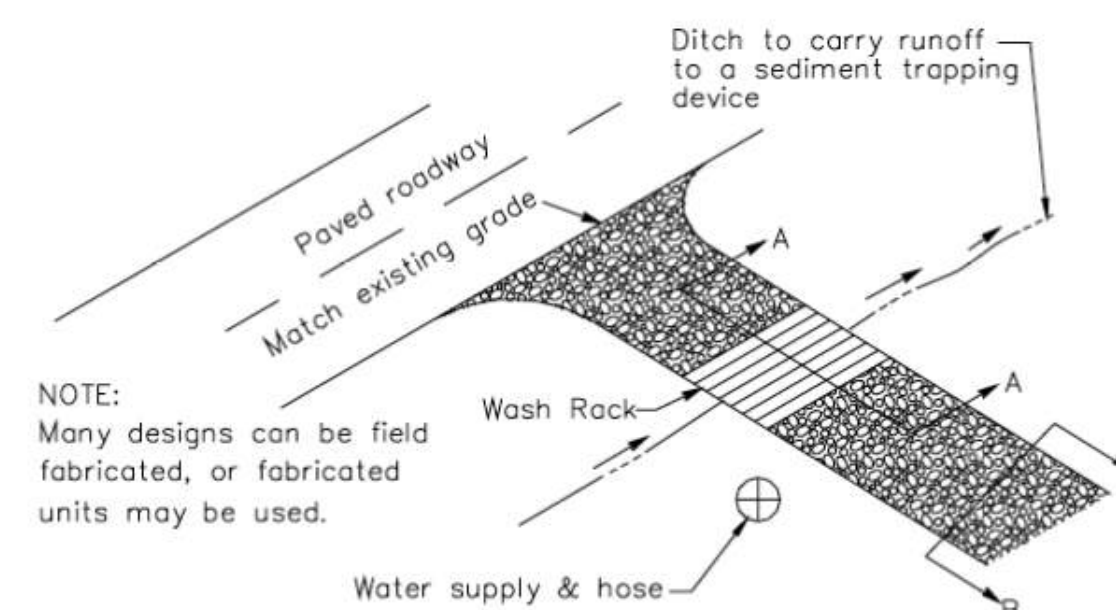
- NOTES:
1. Slope surface shall be free of rocks, clods, sticks and grass. Mats/blankets shall have good soil contact.
 2. Lay blankets loosely and stake or staple to maintain direct contact with the soil. Do not stretch.
 3. Install per manufacturer's recommendations

TYPICAL INSTALLATION DETAIL

3

Entrance/Outlet Tire Wash

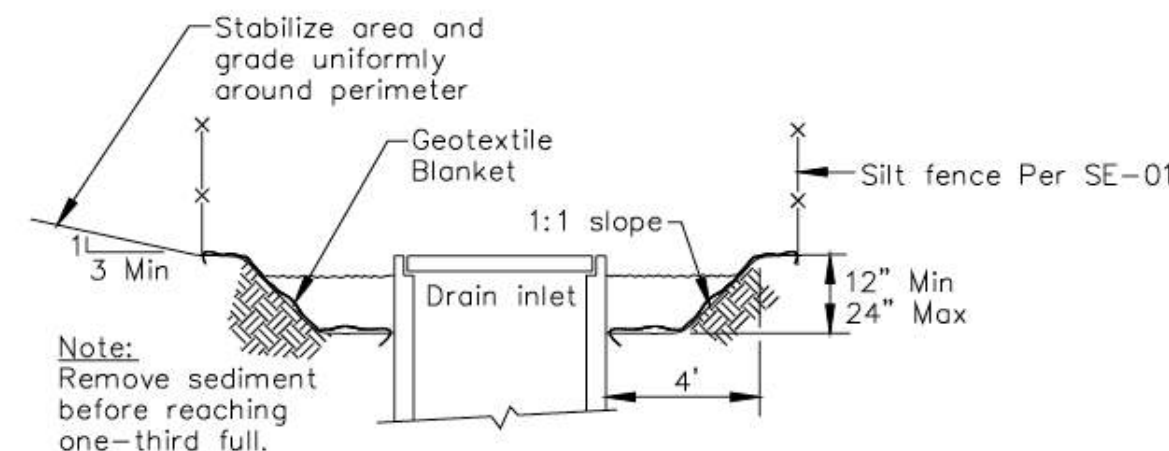
CASQA Detail TC-3

SECTION A-A
NOT TO SCALESECTION B-B
NTSTYPICAL TIRE WASH
NOT TO SCALE

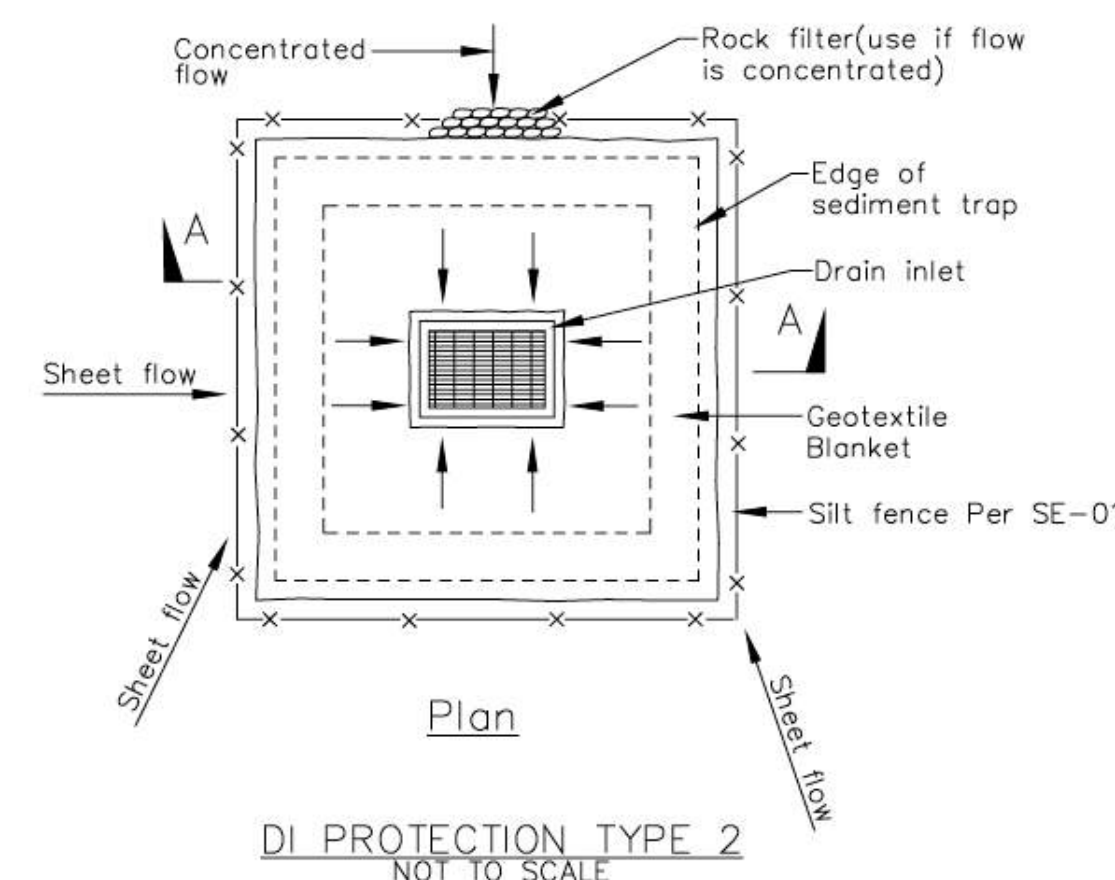
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Storm Drain Inlet Protection

CASQA Detail SE-10



Section A-A

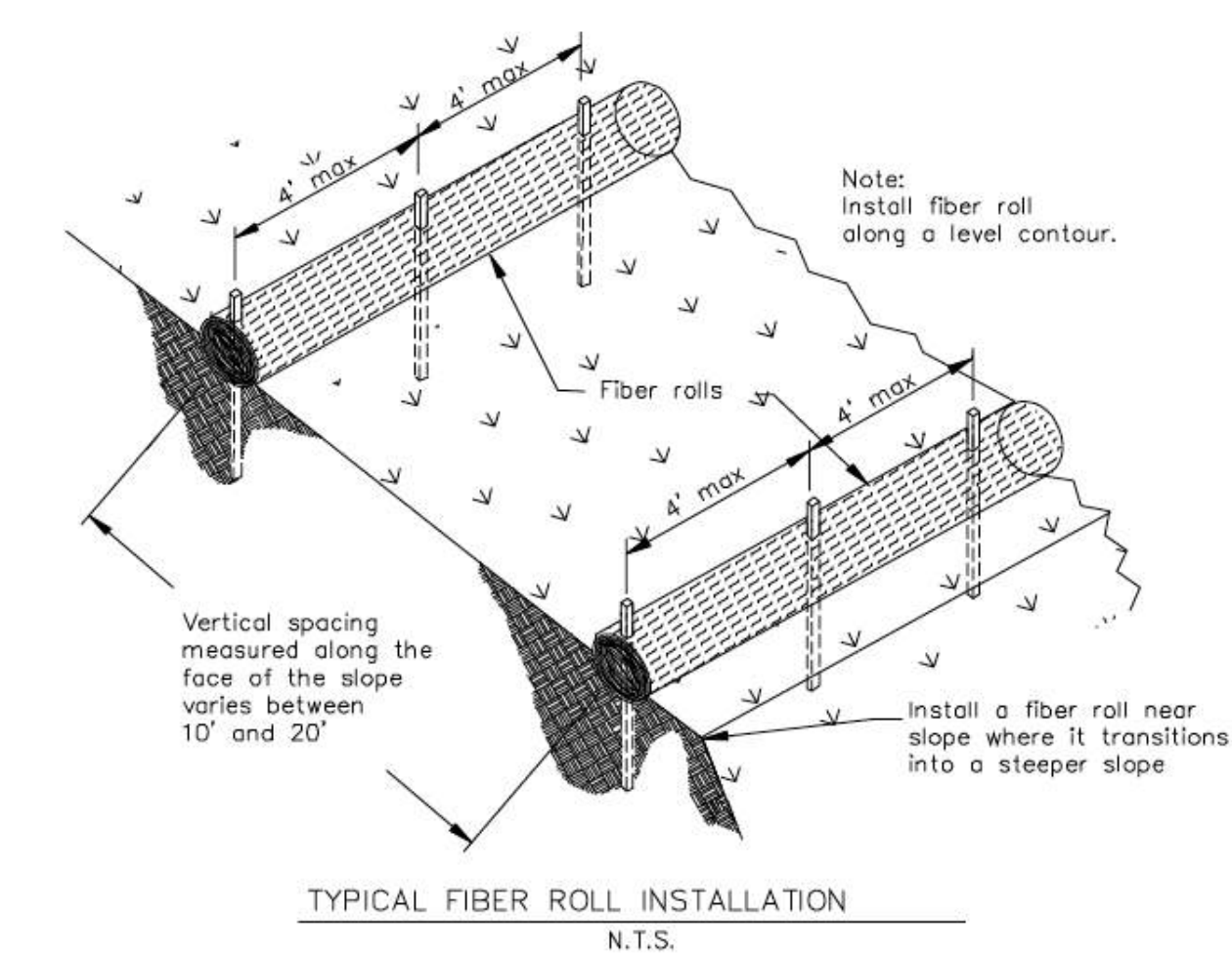
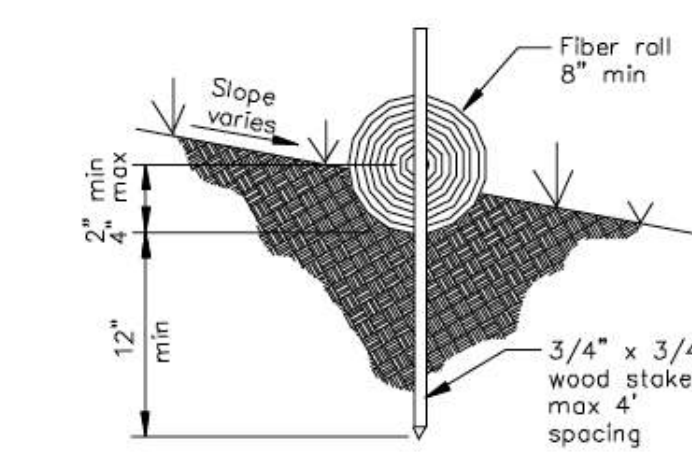
DI PROTECTION TYPE 2
NOT TO SCALE

- Notes
1. For use in cleared and grubbed and in graded areas.
 2. Shape basin so that longest inflow area faces longest length of trap.
 3. For concentrated flows, shape basin in 2:1 ratio with length oriented towards direction of flow.

1

Fiber Rolls

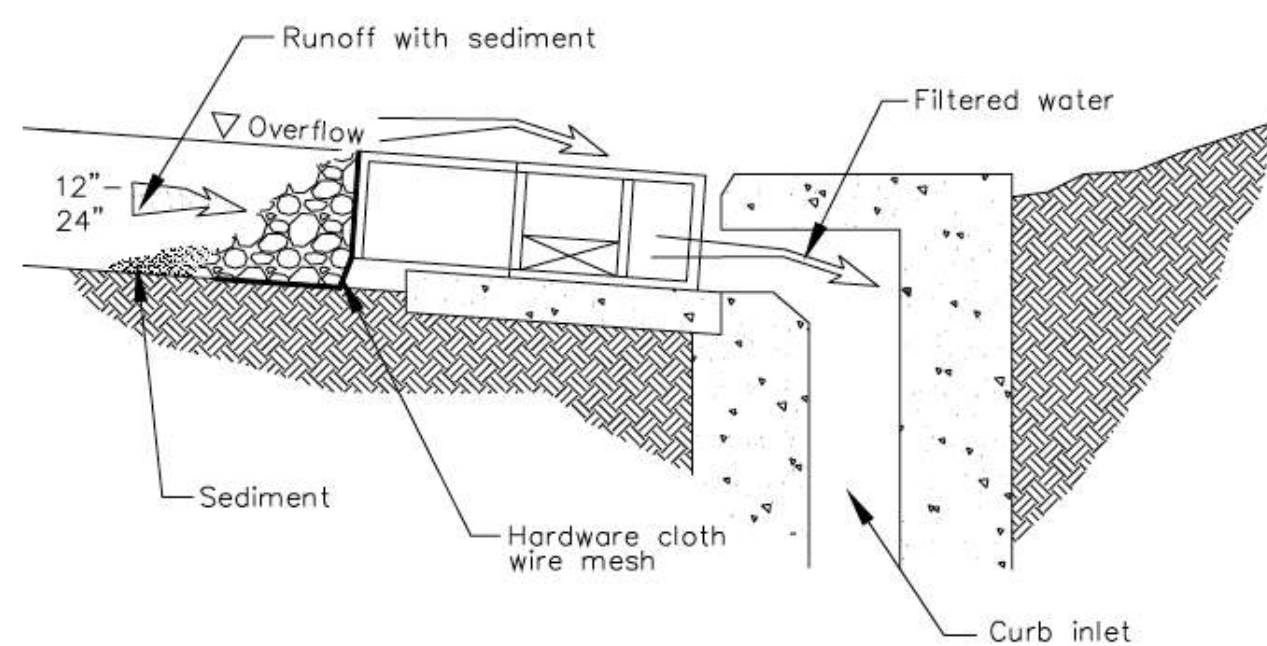
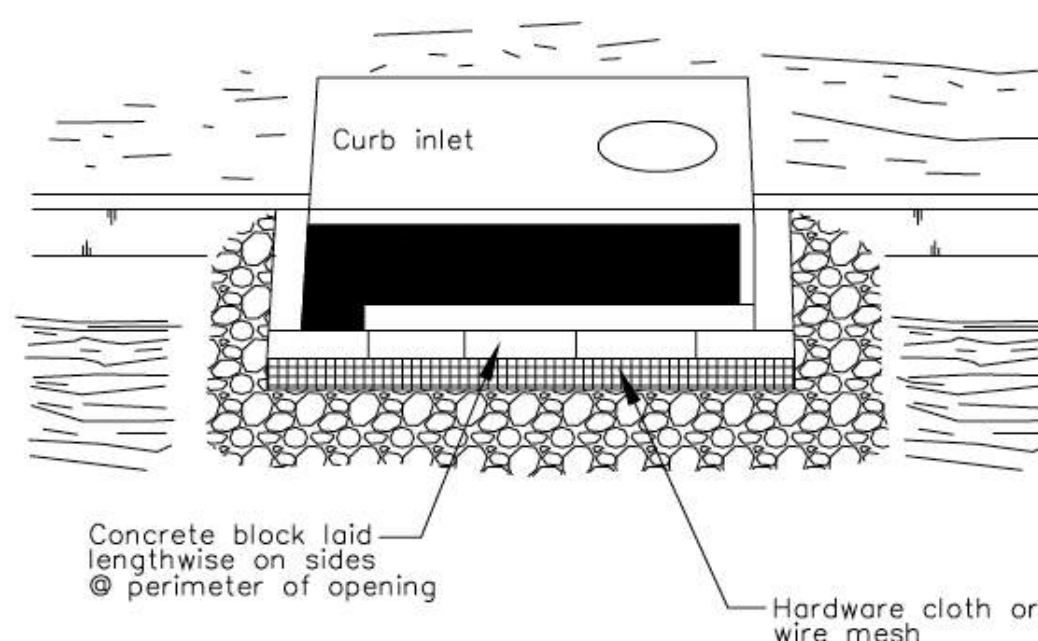
CASQA Detail SE-5

TYPICAL FIBER ROLL INSTALLATION
N.T.S.ENTRENCHMENT DETAIL
N.T.S.

8

Storm Drain Inlet Protection

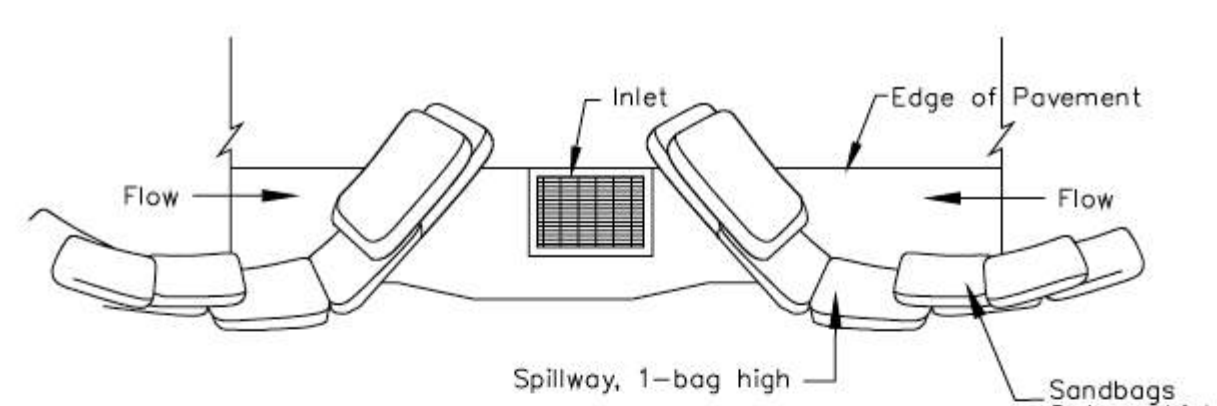
CASQA Detail SE-10

DI PROTECTION - TYPE 4
NOT TO SCALE

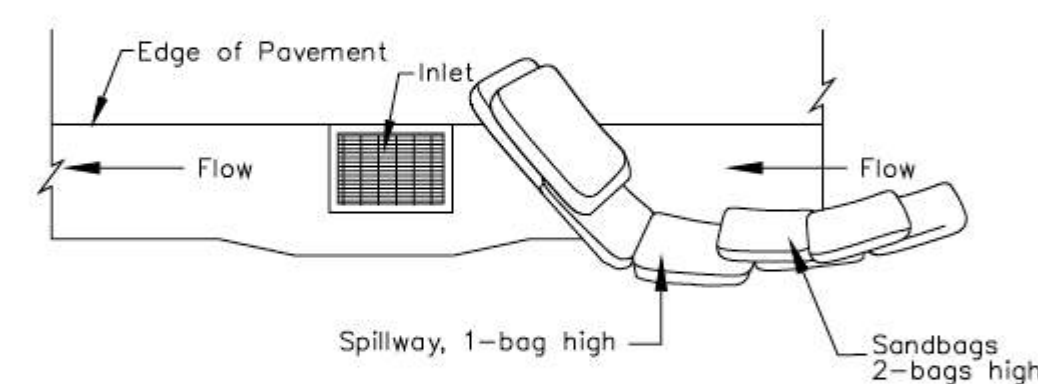
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Storm Drain Inlet Protection

CASQA Detail SE-10



TYPICAL PROTECTION FOR INLET ON SUMP



TYPICAL PROTECTION FOR INLET ON GRADE

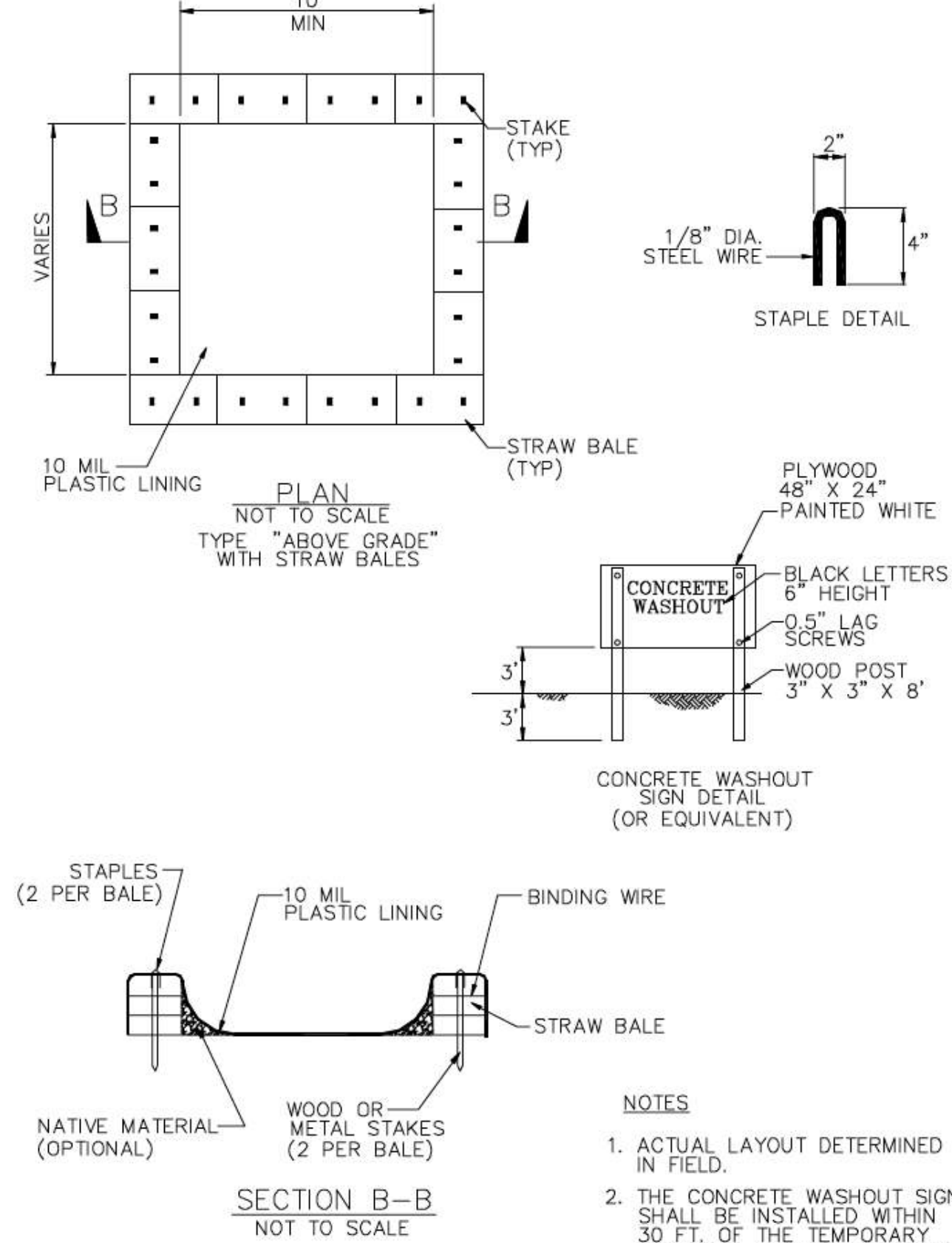
- NOTES:
1. Intended for short-term use.
 2. Use to inhibit non-storm water flow.
 3. Allow for proper maintenance and cleanup.
 4. Bags must be removed after adjacent operation is completed
 5. Not applicable in areas with high silts and clays without filter fabric.

DI PROTECTION TYPE 3
NOT TO SCALE

2

Concrete Waste Management

CASQA Detail WM-8

SECTION B-B
NOT TO SCALE

- NOTES
1. ACTUAL LAYOUT DETERMINED IN FIELD.
 2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003.
Available from www.cabmphandbooks.com.

