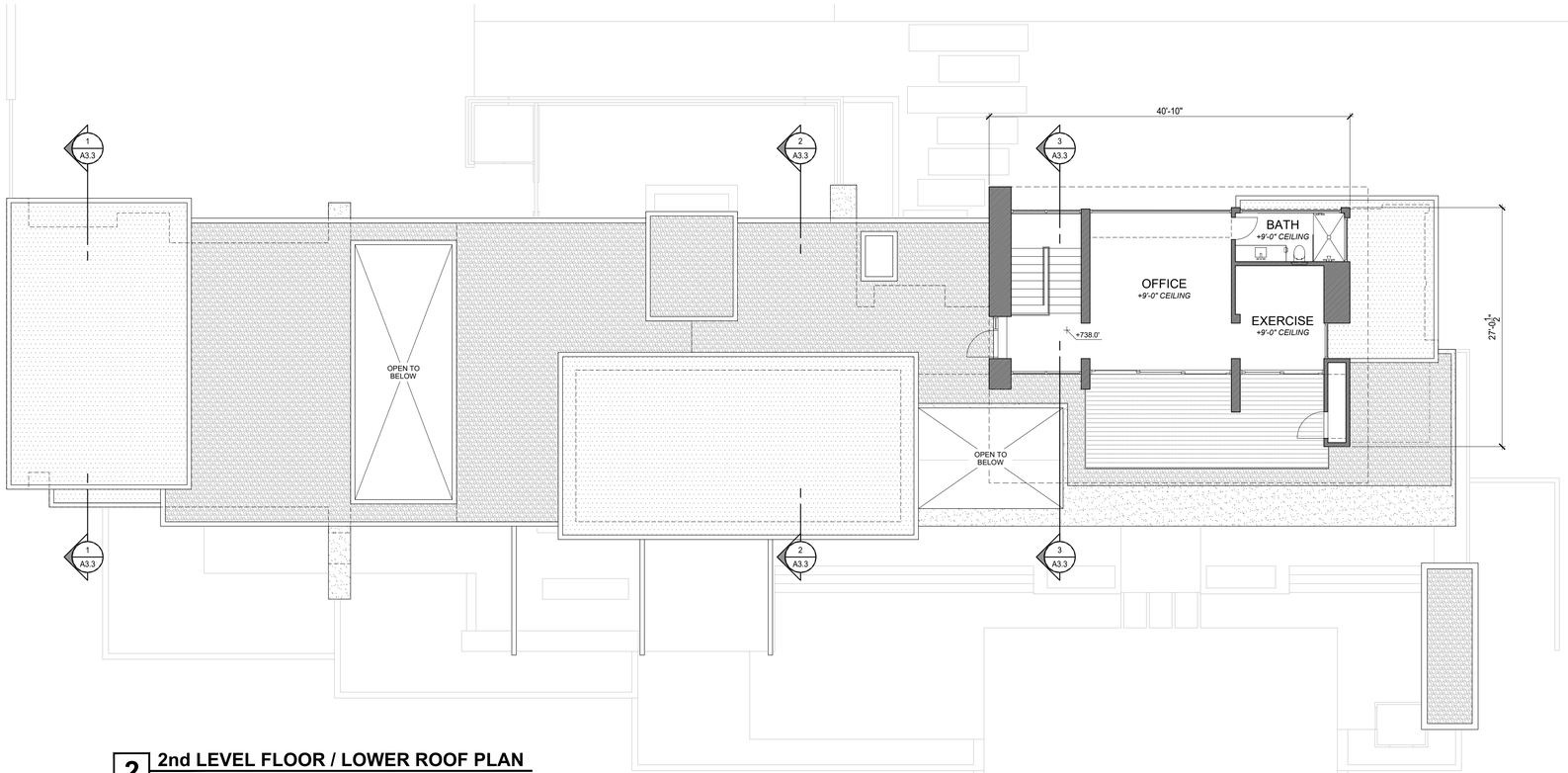
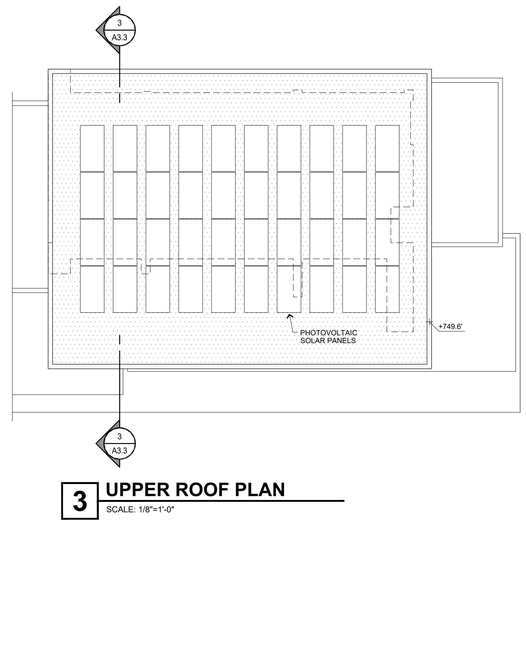


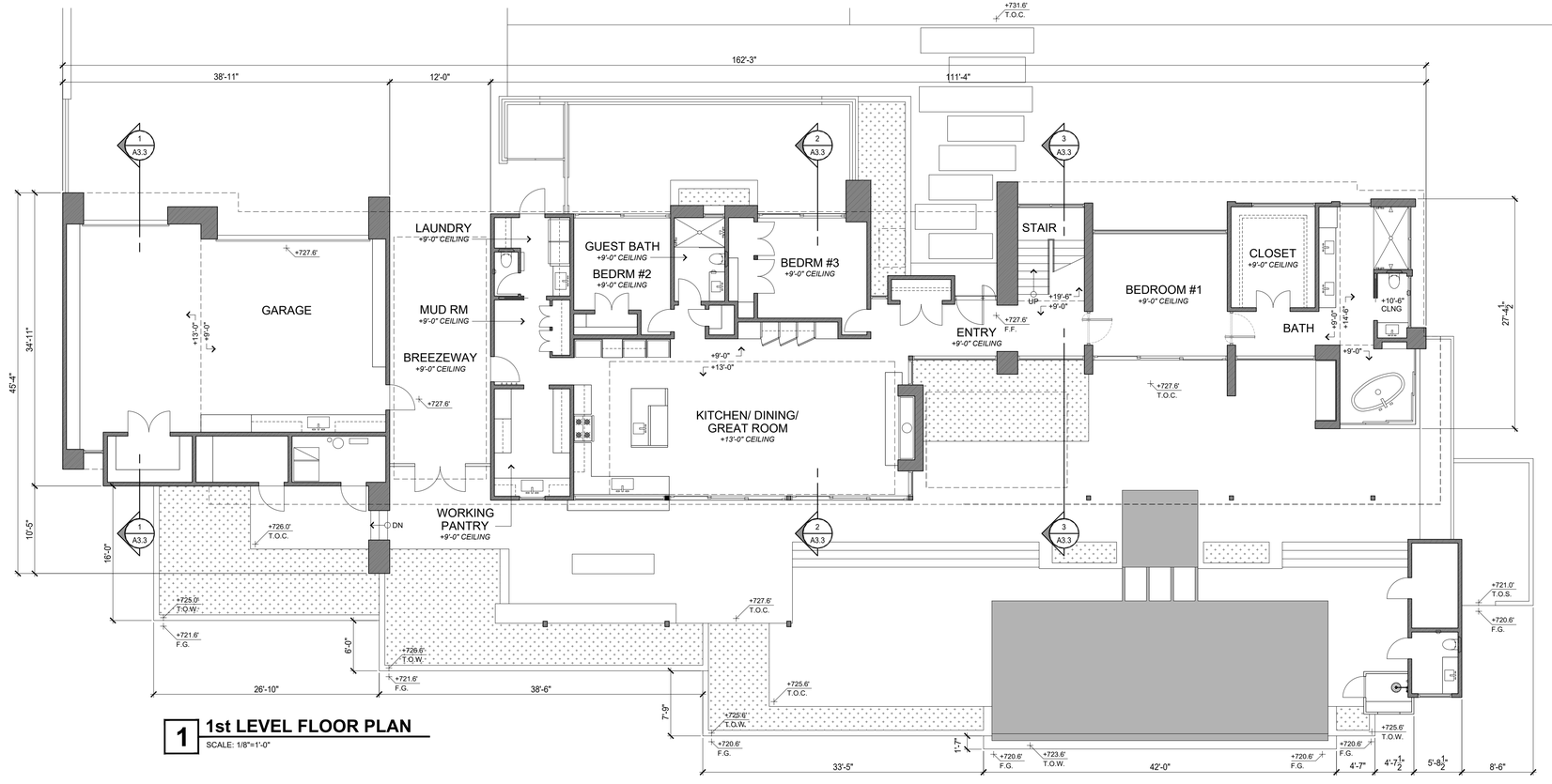
2 2nd LEVEL FLOOR / LOWER ROOF PLAN

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



3 UPPER ROOF PLAN

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



1 1st LEVEL FLOOR PLAN

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

ROOF PLAN LEGEND

- MEXICAN BEACH PEBBLES OVER SINGLE-PLY MEMBRANE ROOF
- RAISED PLANTER or MODULAR GREEN ROOF OVER SINGLE-PLY MEMBRANE ROOF
- CEMENT PLASTER
- SINGLE-PLY MEMBRANE ROOF
- ROOF DECK

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918 13th street, suite d
modesto, ca 95354
phone: 209.499.8903
fax: 209.579.7218
ben.millerdesign@yahoo.com
www.benmillerdesign.com

PROJECT:

BELSKA RESIDENCE

HIGUERA
HIGHLAND LANE
San Jose, CA 94507

APN# 654-015-028

CONSULTANTS:

REVISIONS

PROJECT NO: 2008

DRAWN BY:

CHECKED BY:

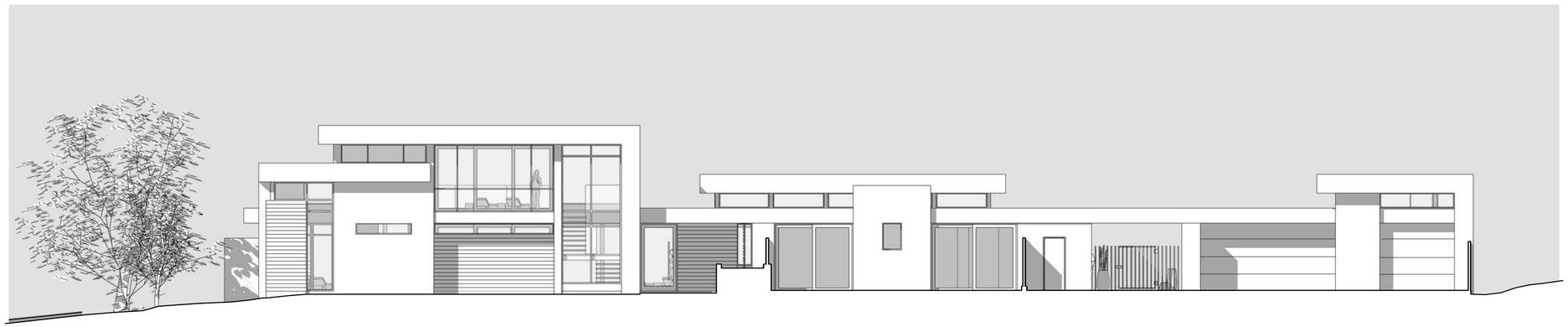
DESCRIPTION:

FLOOR & ROOF PLANS

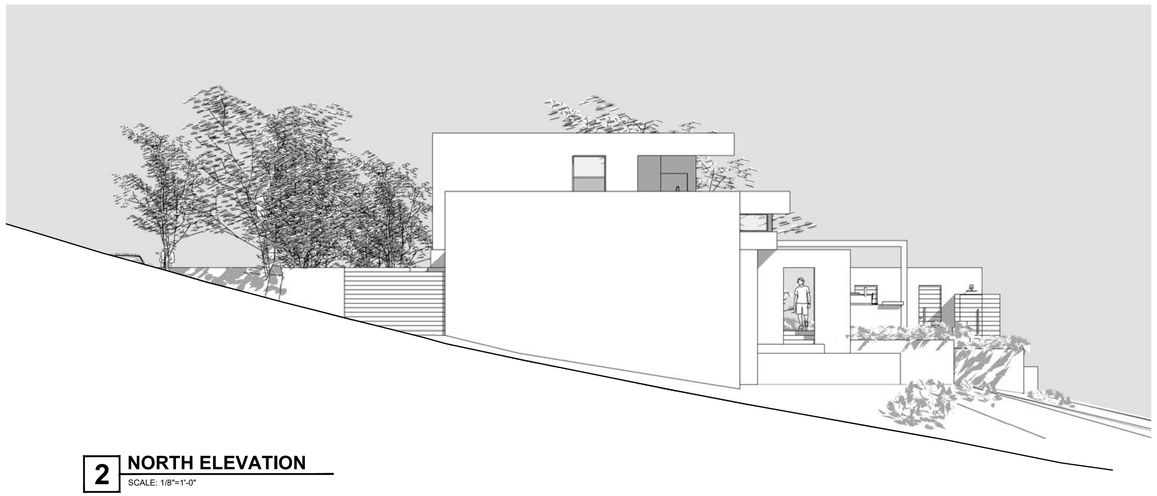
SCALE:
1/8" = 1'-0"

A2.1

PRINTED: 08.26.2020



1 **EAST ELEVATION**
SCALE: 1/8"=1'-0"



2 **NORTH ELEVATION**
SCALE: 1/8"=1'-0"

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PROJECT:

BELSKA RESIDENCE

HIGUERA
HIGHLAND LANE
San Jose, CA 94507

APN# 654-015-028

CONSULTANTS:

REVISIONS

PROJECT NO: 2008

DRAWN BY:

CHECKED BY:

DESCRIPTION:
EXTERIOR ELEVATIONS

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

A3.1

PRINTED: 08.26.2020

1 **WEST ELEVATION**
SCALE: 1/8"=1'-0"

2 **SOUTH ELEVATION**
SCALE: 1/8"=1'-0"

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PROJECT:

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HIGUERA
HIGHLAND LANE
San Jose, CA 94507

APN# 654-015-028

CONSULTANTS:

REVISIONS

PROJECT NO: 2008

DRAWN BY:

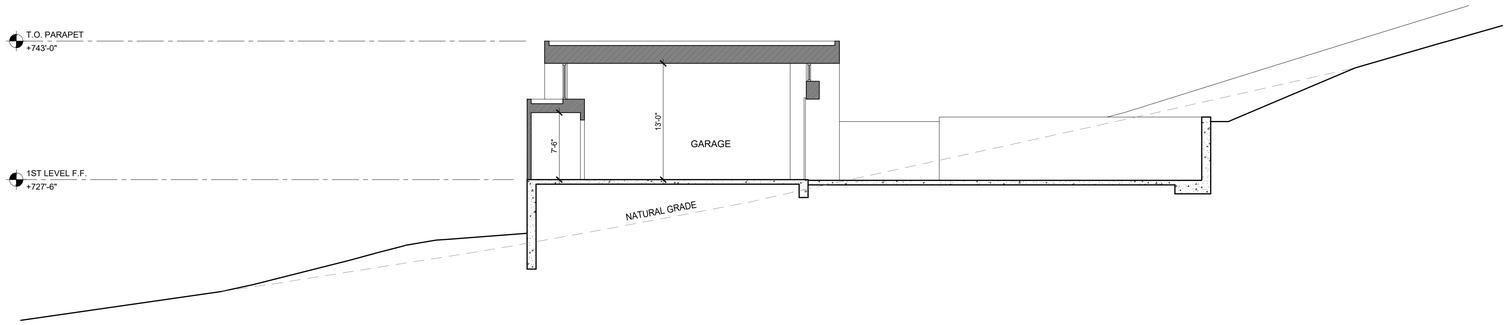
CHECKED BY:

DESCRIPTION:
EXTERIOR ELEVATIONS

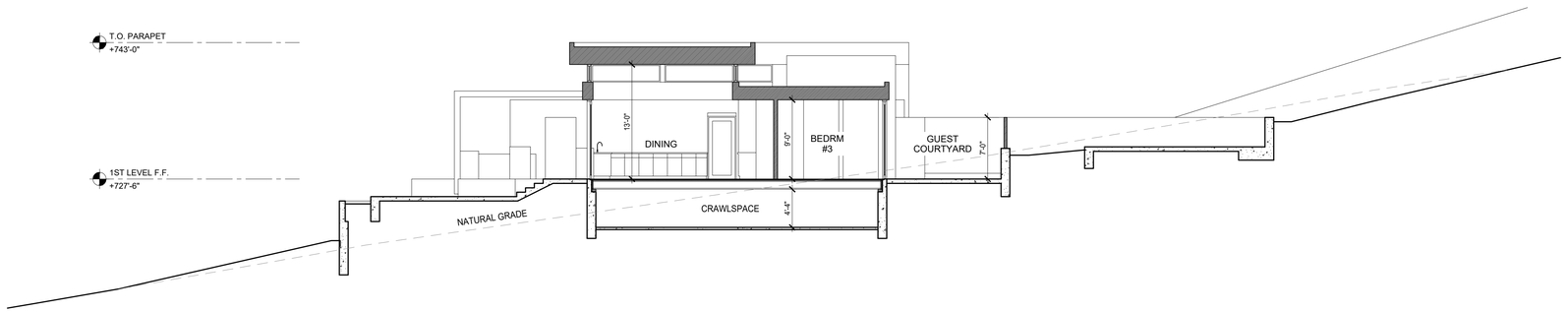
SCALE:
1/8" = 1'-0"

A3.2

PRINTED: 08.26.2020



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



2 SECTION
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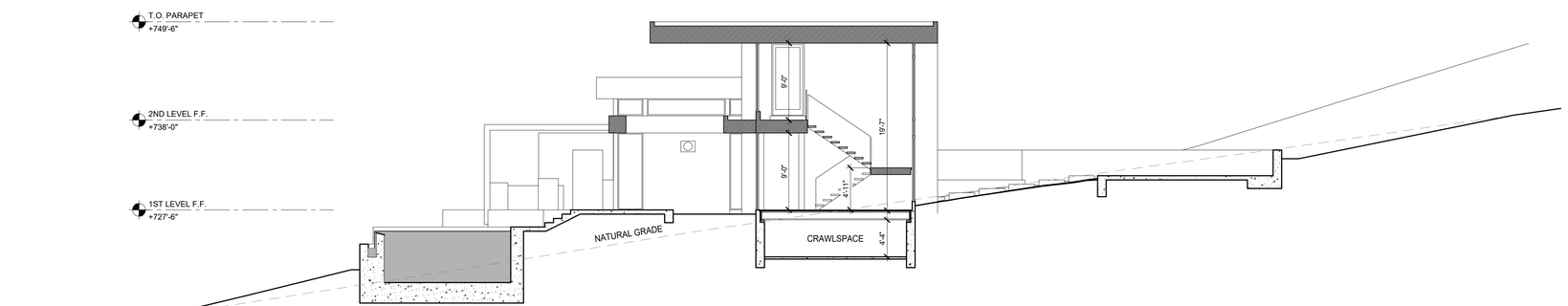

3 SECTION
SCALE: 1/8"=1'-0"

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PROJECT:

BELSKA RESIDENCE

HIGUERA
HIGHLAND LANE
San Jose, CA 94507

APN# 654-015-028

CONSULTANTS:

REVISIONS

PROJECT NO: 2008

DRAWN BY:

CHECKED BY:

DESCRIPTION:
BUILDING SECTIONS

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

A3.3

PRINTED: 08.26.2020

1 PERSPECTIVE
LOOKING NORTHWEST

2 PERSPECTIVE
LOOKING SOUTHWEST

3 PERSPECTIVE
LOOKING SOUTHEAST

4 PERSPECTIVE
LOOKING EAST

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PROJECT:

BELSKA RESIDENCE

HIGUERA
HIGHLAND LANE
San Jose, CA 94507

APN# 654-015-028

CONSULTANTS:

REVISIONS

PROJECT NO: 2008

DRAWN BY:

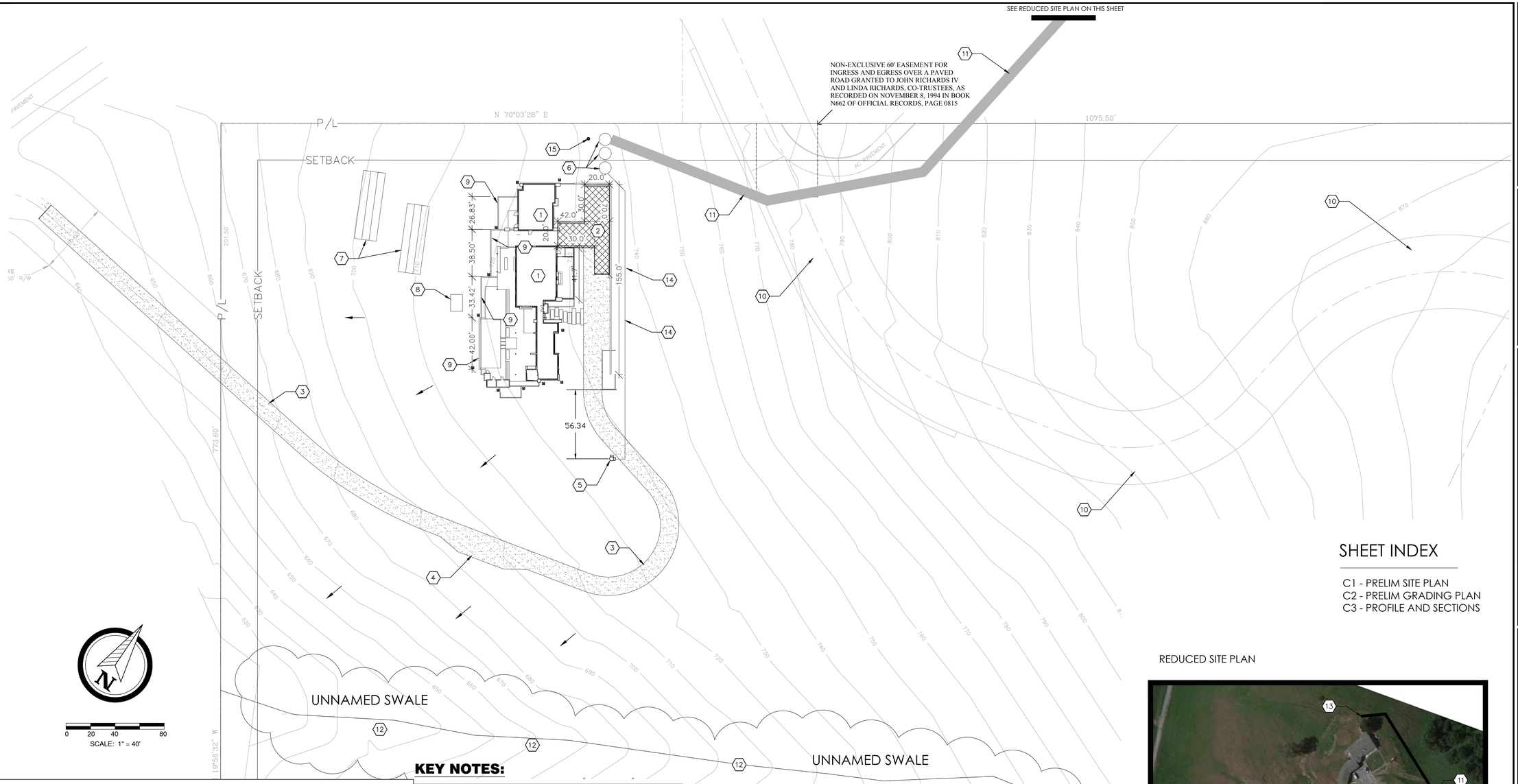
CHECKED BY:

DESCRIPTION:
PERSPECTIVES

SCALE:
NOT TO SCALE

A3.4

PRINTED: 08.20.2020



SHEET INDEX

REDUCED SITE PLAN

KEY NOTES:

ITEM	DESCRIPTION
1	NEW RESIDENTIAL BUILDING:
2	TURNAROUND TYPE 'B': REFER TO SANTA CLARA COUNTY CFMO SD16.
3	PROPOSED DRIVEWAY:
4	PROPOSED TURNOUT LOCATION:
5	PROPOSED WHARF HYDRANT:
6	PROPOSED LOCATION FOR (3) 5,000 GALLON WATER TANKS: CONNECT TO EXISTING WELL AT ADJACENT PROPERTY.
7	PROPOSED SEPTIC FIELD:
8	PROPOSED SEPTIC TANK:
9	PROPOSED RETAINING WALLS: REFER TO ARCHITECTURAL DRAWINGS FOR MORE DETIALS
10	PROPOSED FUTURE ACCESS ROAD EASEMENT: 60' EASEMENT FOR ROAD, UNDERGROUND UTILITY, AND ABOVE-GROUND UTILITY GRANTED TO TWO TON CATTLE RANCHERS, INC., AS RECORDED FEBRUARY 13, 1985 IN BOOK J245 OF OFFICIAL RECORDS, PAGE 168
11	PROPOSED WATER LINE AND 10' WIDE EASEMENT: TOTAL LENGTH 1330'
12	(E) TREES AROUND UNNAMED SWALE TO REMAIN:
13	TO BE CONNECTED TO EXISTING WELL AT ADJACENT PROPERTY: ACCESS RIGHTS SET FORTH IN WELL PARTNERSHIP AGREEMENT RECORDED DECEMBER 16, 1993 IN BOOK N195, PAGE 0690, SERIES #12264755
14	FIRE LATERAL
15	PROPOSED FUTURE WELL LOCATION

SITE DATA

GROSS: ± 832,260 S.F = ± 19.1 ACRE

NEW BUILDING AREA: 4,899 S.F

DRIVEWAY LENGTH: 935 FT

DRIVEWAY AREA: ±15,630 S.F.

LEGEND

(E) TREES

R.O.W. RIGHT OF WAY
℄ PROPERTY LINE
(N) NEW
(E) EXISTING

(#) KEY NOTE MARKER

DRAINAGE GRADE

TURNOUT

ASPHALT CONCRETE PAVING

GEOTECHNICAL NOTE

THE GENERAL CONTRACTOR IS TO OBTAIN A COPY OF THE GEOTECH REPORT, AND BE AWARE OF ALL APPLICABLE CONDITIONS THEREIN PRIOR TO START OF CONSTRUCTION. IN CASES WHERE THERE IS A CONFLICT BETWEEN SOIL PREPARATION AND CONSTRUCTION SPECIFICATIONS IN THE GEOTECH REPORT AND ON THE STRUCTURAL OR CIVIL DRAWINGS OF THE APPROVED SET, THE MOST RESTRICTIVE SPECIFICATION WILL TAKE PRECEDENCE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE DESIGN TEAM ARCHITECT OF RECORD TO OBTAIN CLARIFICATION ON ANY SPECIFICATIONS NOT UNDERSTOOD PRIOR TO START OF CONSTRUCTION. THE GENERAL CONTRACTOR IS TO REQUEST SOIL PREPARATION INSPECTIONS ONLY WHEN SPECIFICALLY REQUIRED IN THE GEOTECH REPORT, OR BY AN AGENCY OF AUTHORITY, OR ELSEWHERE IN THE APPROVED CONSTRUCTION DOCUMENTS.

ENGINEER NOTE

1. SPRINKLER SYSTEM WILL BE INSTALLED PER CFMO-SP6

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CIVIL ENGINEERING & LAND PLANNING

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Andrew Yang, PE QSD
PRINCIPAL CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
ENRUO YANG
No. 70086
EXP. 9/30/22
CIVIL
STATE OF CALIFORNIA

Seal 9/1/2020

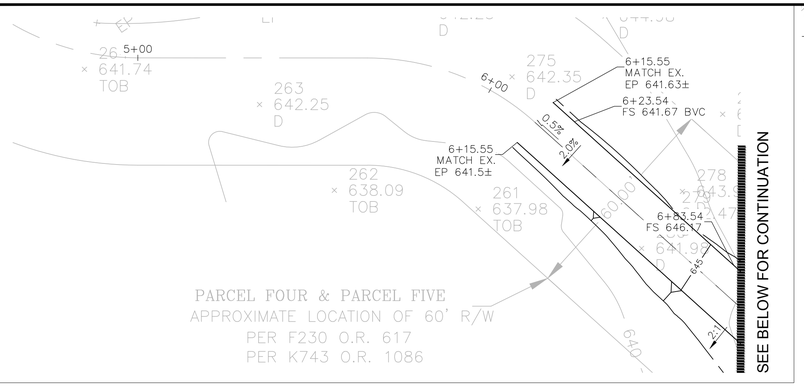
MARK	DATE	REVISION
	05.17.15	PLANNING SUBMITTAL #1

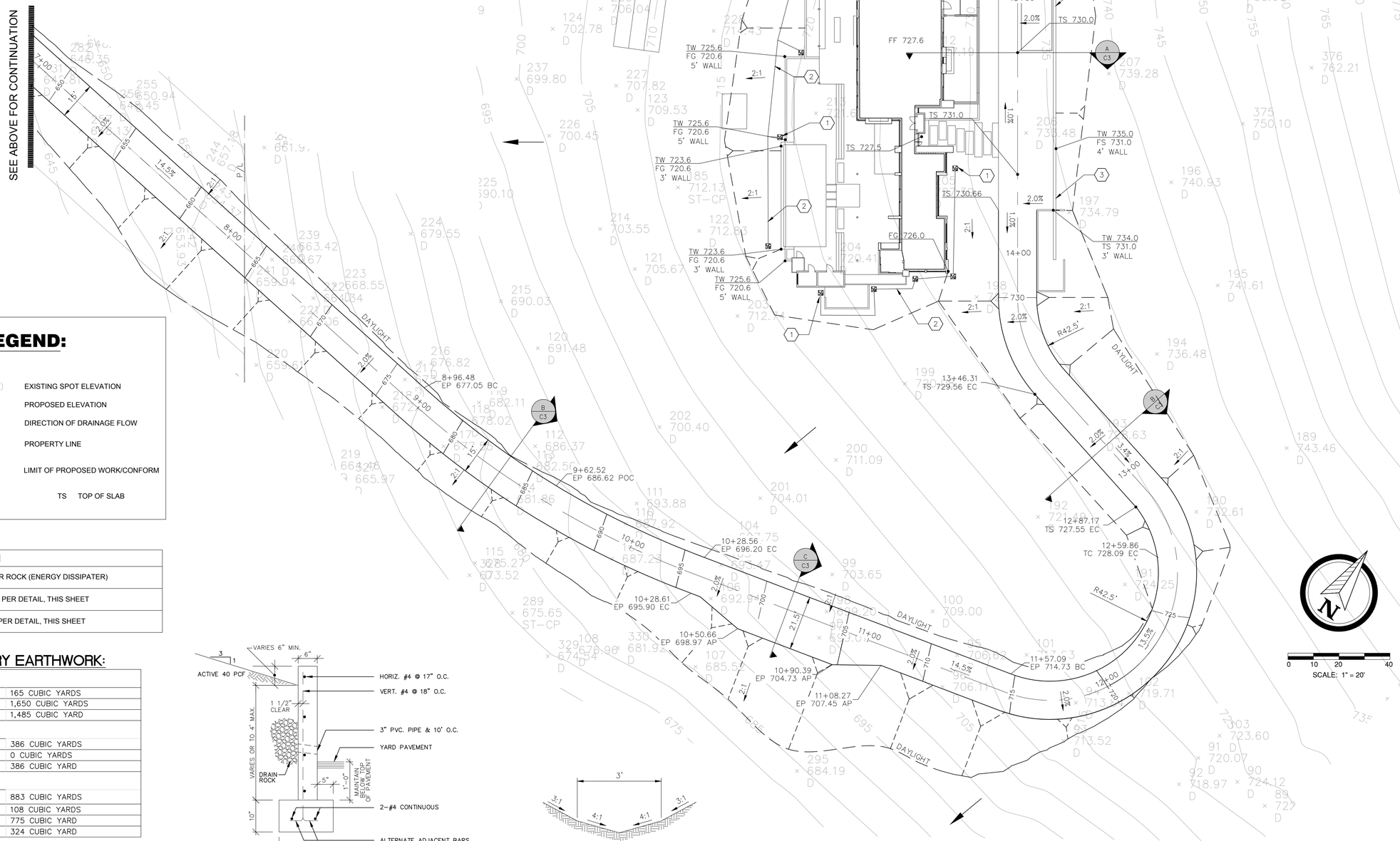
BELSKA PROPERTY
HIGUERA HIGHLAND LANE
SAN JOSE, CA 94507

Project Number
153000

Sheet Name
PRELIMINARY SITE PLAN

Sheet Number
C1





GRADING LEGEND:

0.00 (E) OR 0.00 (E)	EXISTING SPOT ELEVATION
0.00	PROPOSED ELEVATION
	DIRECTION OF DRAINAGE FLOW
N 0° 0' 00" W	PROPERTY LINE
	LIMIT OF PROPOSED WORK/CONFORM

FG FINISH GRADE
FF TOP OF FLOOR SLAB
TS TOP OF SLAB

KEY NOTES:

ITEM	DESCRIPTION
1	3'X3'X6" 3INCH RIVER ROCK (ENERGY DISSIPATER)
2	3' DRAINAGE SWALE PER DETAIL, THIS SHEET
3	4' RETAINING WALL PER DETAIL, THIS SHEET

PRELIMINARY EARTHWORK:

DRIVEWAY:	
CUT:	165 CUBIC YARDS
FILL:	1,650 CUBIC YARDS
IMPORT:	1,485 CUBIC YARD
TURNAROUND:	
CUT:	386 CUBIC YARDS
FILL:	0 CUBIC YARDS
EXPORT:	386 CUBIC YARD
HOUSE:	
CUT:	883 CUBIC YARDS
FILL:	108 CUBIC YARDS
IMPORT:	775 CUBIC YARD
TOTAL IMPORT:	324 CUBIC YARD

MAXIMUM HEIGHT/ DEPTH CUT	**8 FEET**
MAXIMUM HEIGHT/ DEPTH FILL	**8 FEET**

RETAINING WALL

3' DRAINAGE SWALE

0 10 20 40
SCALE: 1" = 20'

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ENRUO YANG
No. 70086
EXP. 9/30/22
CIVIL
STATE OF CALIFORNIA

Seal 9/1/2020

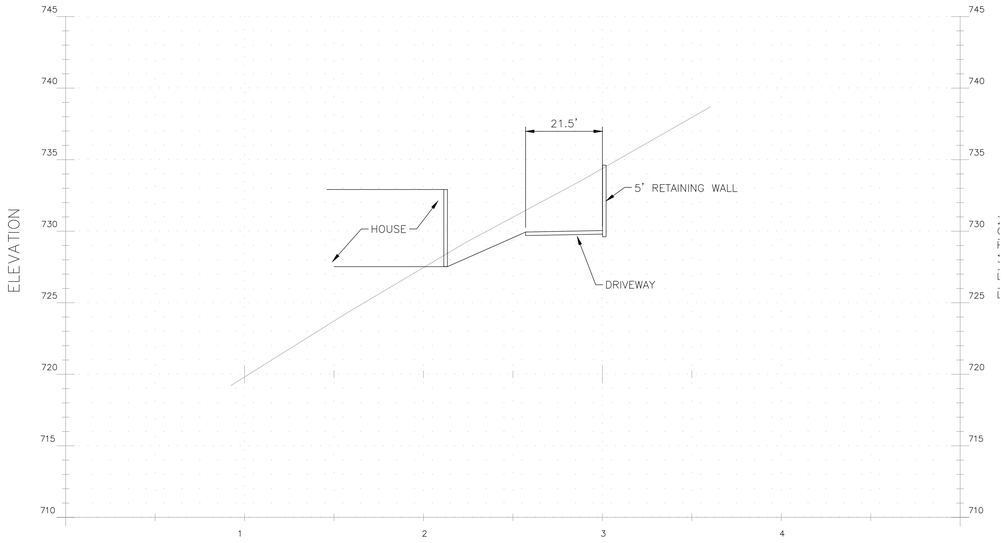
MARK	DATE	REVISION
	05.17.15	PLANNING SUBMITTAL #1

BELSKA PROPERTY
HIGUERA HIGHLAND LANE
SAN JOSE, CA 94507

Project Number
153000

Sheet Name
PRELIMINARY GRADING AND DRAINAGE PLAN

Sheet Number
C2



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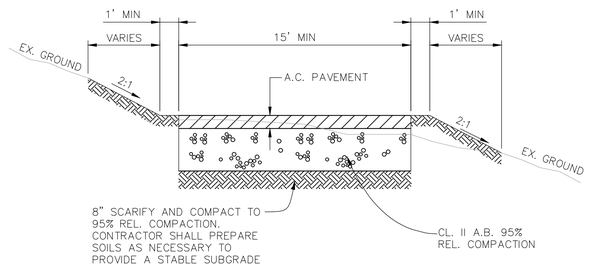
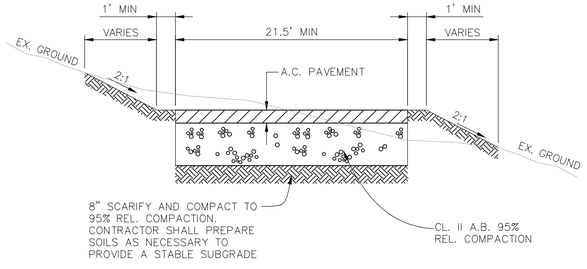


SECTION B



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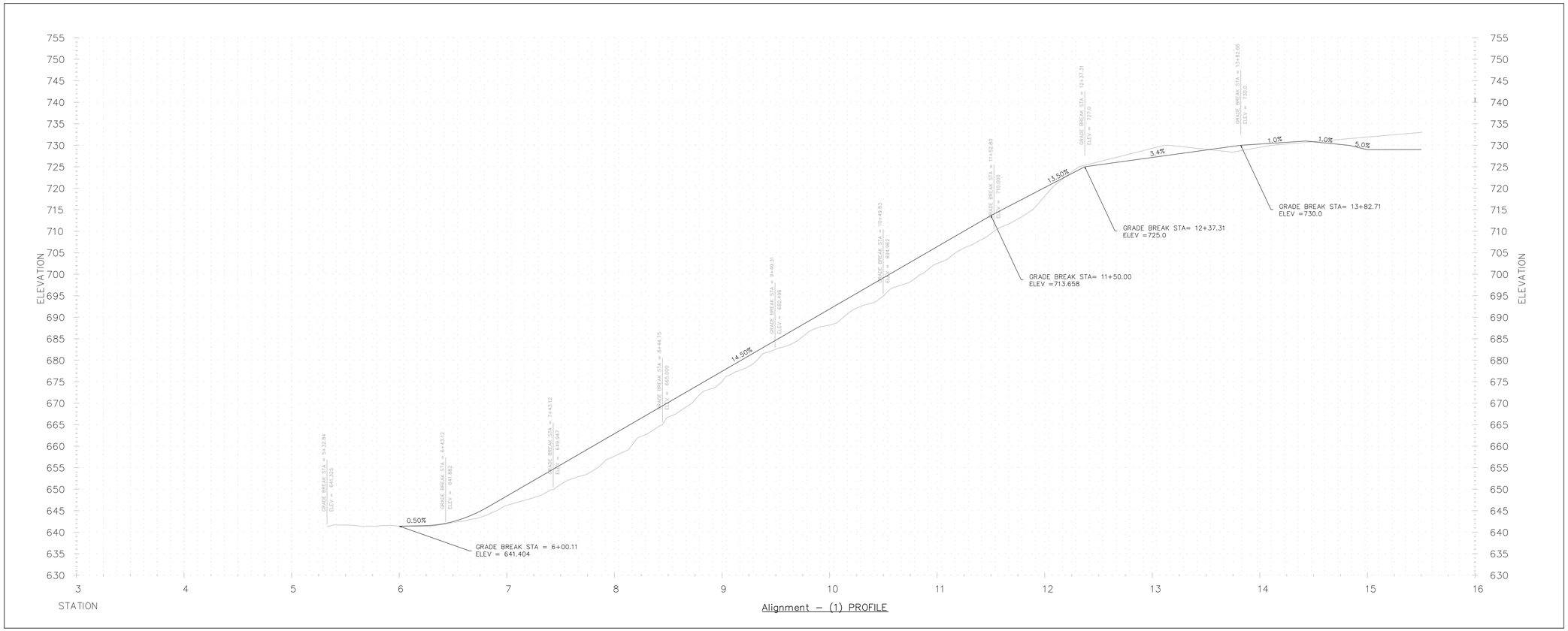

DRIVEWAY PROFILE

YANG CONSULTING GROUP

CIVIL ENGINEERING & LAND PLANNING

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ENRUO YANG
No. 70086
EXP. 9/30/22
CIVIL
STATE OF CALIFORNIA

Seal 9/1/2020

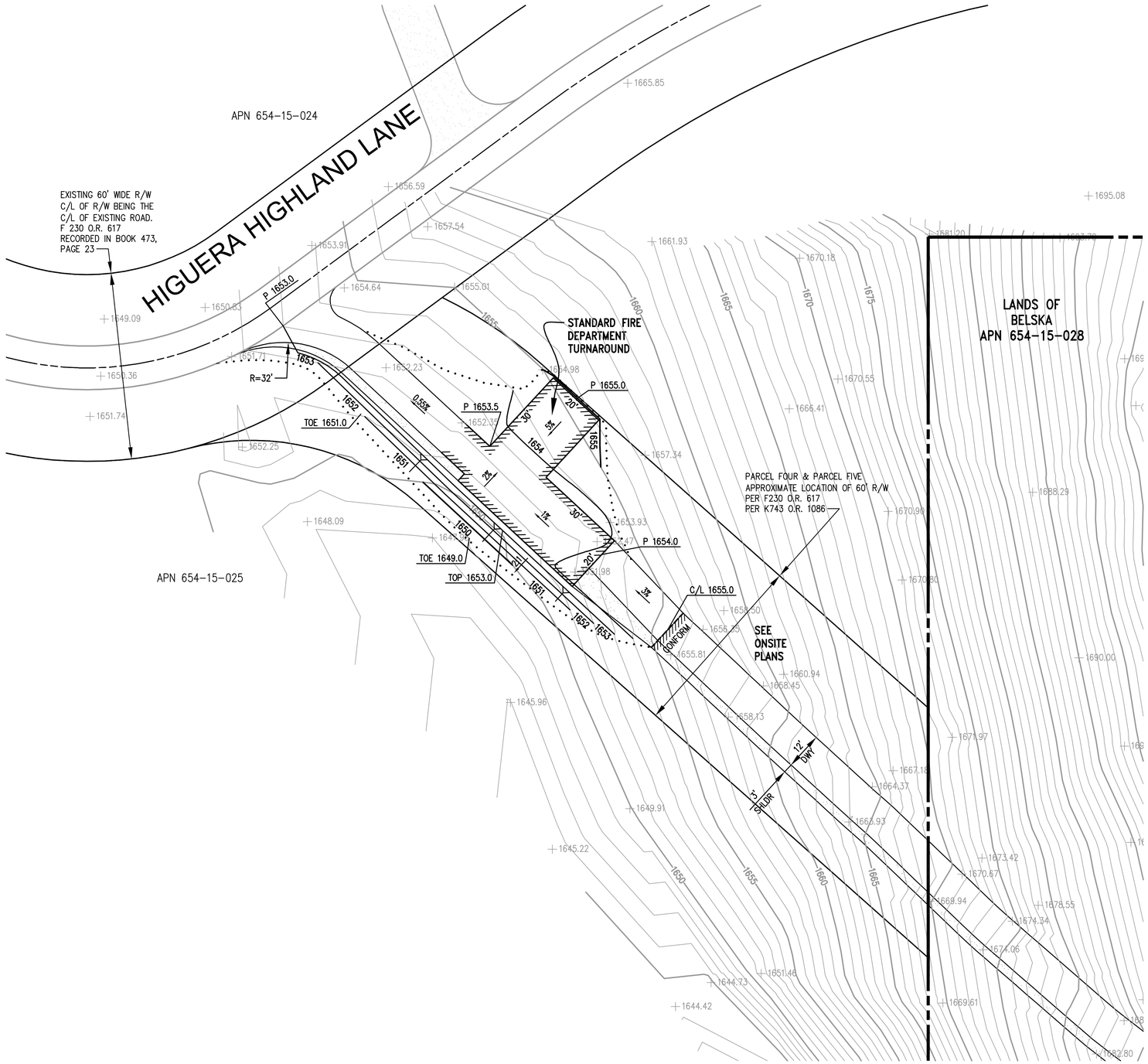
MARK	DATE	REVISION
	05.17.15	PLANNING SUBMITTAL #1

BELSKA PROPERTY
HIGUERA HIGHLAND LANE
SAN JOSE, CA 94507

Project Number
153000

Sheet Name
PRELIMINARY SECTIONS

Sheet Number
C3



LEGEND

- PROPERTY LINE
- ADJACENT PROPERTY LINE
- EX. ROAD
- EX. CONTOUR MAJOR (530)
- EX. CONTOUR MINOR (534)
- EX. BUILDING
- EX. DRIVEWAY
- PROP. CONTOUR MAJOR (530)
- PROP. CONTOUR MINOR (534)
- DAYLIGHT LINE
- PROP. RETAINING WALL
- PROP. DRIVEWAY
- PROP. SHOULDER
- PROP. BUILDING

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1" = 20'

TS/CIVIL ENGINEERING, INC.
1776 TECHNOLOGY DRIVE
SAN JOSE, CA 95110
PH: 408.452.9300 TOLL FREE: 888.327.7070 FAX: 408.837.7550

CIVIL ENGINEERING

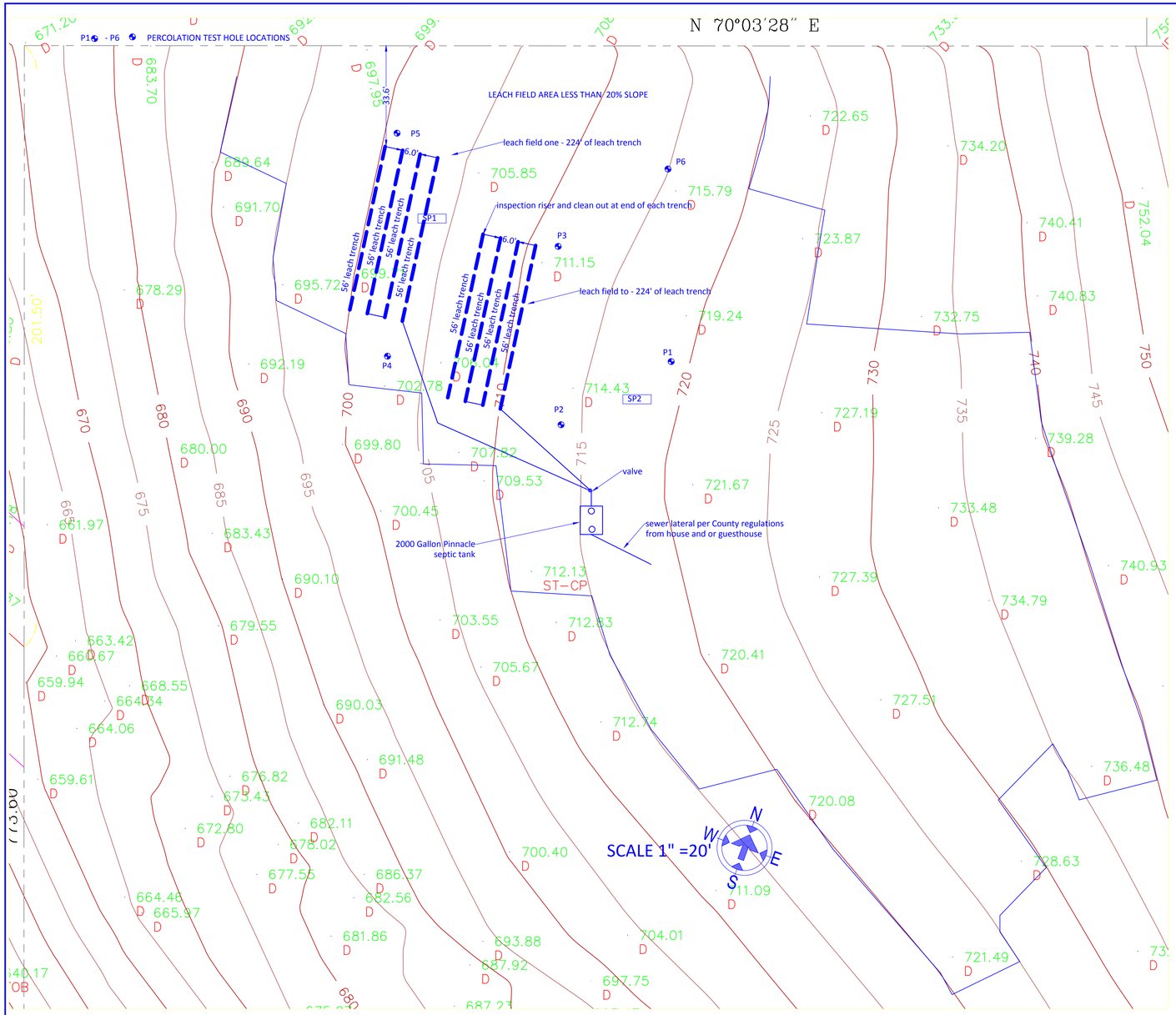
LANDS OF
MARGARET BELSKA
AND JOSEPH MANCA

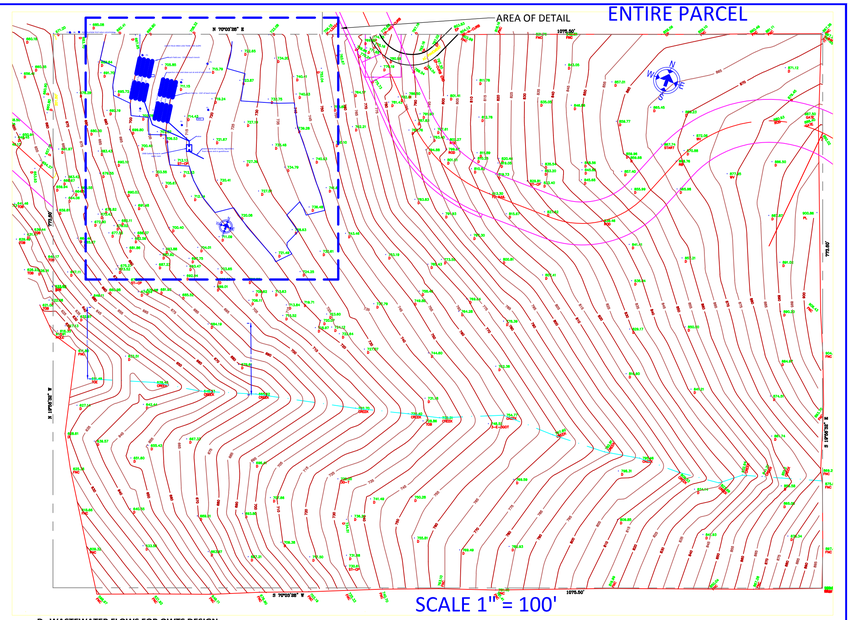
FIRE DEPARTMENT TURNAROUND PLAN
HIGUERA HIGHLAND LANE
SAN JOSE, CA 95148
APN: 654-15-028

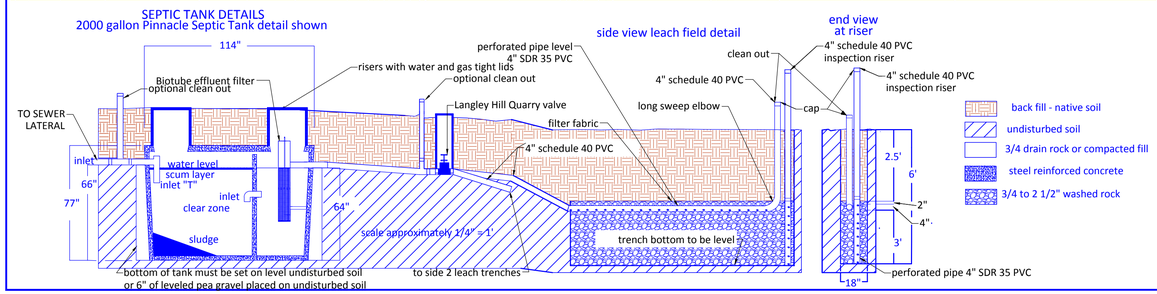
BY	REVISIONS	DATE
1		
2		
3		
4		
5		
6		

DATE: 3-17-16
SCALE: 1"=20'
DRAWN BY: DKH
SURVEYED BY:
PROJ ENGR: TJS
CHECK BY: TJS
SHEET NO. X-1 OF 1 SHEET
JOB NO. 15-247

03/17/2016 11:52am – N:\2015 Jobs\15-247\dwg\15-247 X1 FIRE DEPARTMENT TURNAROUND PLAN.dwg – X1







D. WASTEWATER FLOWS FOR OWTS DESIGN

1. **Single Family Residences and Second Units.** Wastewater flows used for design of OWTS for single family residences and second units shall be based on a factor of 150 gal/day per bedroom for the first three (3) bedrooms, plus 75 gal/day for each additional bedroom, as indicated in **Table 3-1.** The design flows for a primary residence and secondary dwelling unit shall be determined independently, regardless of whether the flows are treated separately or combined in a single OWTS.

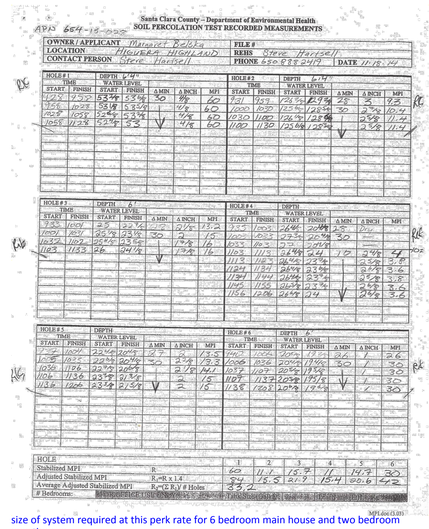
Table 3-1.
Wastewater Design Flows for Single Family Residences and Second Units

No. of Bedrooms	Design Flow (gal/day)
1	150
2	300
3	450
4	525
5	600
6	675
>6	+ 75 per bedroom

2. **Multiunit Residences and Non-residential Facilities.** Wastewater flows used for the design of OWTS for multiunit residences and non-residential projects shall be developed based on full consideration of projected activities, occupancy, and facilities. **Table 3-2** provides guidelines for use in estimating design wastewater flows. For facilities not listed in **Table 3-2** the wastewater design flow shall be estimated based on either: (a) appropriate literature references (e.g., US EPA) for the type of facility proposed; or (b) documented wastewater flow monitoring data for a comparable facility. Additionally, the director may consider adjustment to the criteria listed in **Table 3-2** for specific facilities based upon documented wastewater flow monitoring data. In all cases, the design proposal shall include sufficient technical information to support the proposed design flow estimate. Notwithstanding the above, minimum design flow for any OWTS shall not be less than 150 gpd.

Table 1. Standard Wastewater Application Rates - Septic Tank Effluent

Percolation Rate (MPI)	Application Rate (gpd/ft²)		Percolation Rate (MPI)	Application Rate (gpd/ft²)
1 to 5	1.20		51	0.41
6	1.12		52	0.40
7	1.04		53	0.40
8	0.96		54	0.39
9	0.88		55	0.38
10	0.80		56	0.38
11	0.78		57	0.37
12	0.77		58	0.36
13	0.75		59	0.36
14	0.74		60	0.35
15	0.72		61	0.35
16	0.70		62	0.34
17	0.68		63	0.34
18	0.67		64	0.34
19	0.65		65	0.33
20	0.64		66	0.33
21	0.63		67	0.33
22	0.62		68	0.32
23	0.61		69	0.32
24	0.60		70	0.32
25	0.59		71	0.31
26	0.59		72	0.31
27	0.58		73	0.31
28	0.57		74	0.30
29	0.57		75	0.30
30	0.56		76	0.30
31	0.55		77	0.29
4	0.55		78	0.29
33	0.54		79	0.29
34	0.53		80	0.28
35	0.52		81	0.28
36	0.52		82	0.28
37	0.51		83	0.27
38	0.50		84	0.27
39	0.49		85	0.27
40	0.49		86	0.26
41	0.48		87	0.26
42	0.47		88	0.26
43	0.46		89	0.25
44	0.46		90	0.25
45	0.45		91-120	0.20
46	0.44			
47	0.44			
48	0.43			
49	0.43			
50	0.42			


Santa Clara County – Department of Environmental Health
SOIL PERCOLATION TEST RECORDED MEASUREMENTS
APN 654-15-028
OWNER / APPLICANT Manuel Rojas
LOCATION HIGUERA HIGHLAND
CONTACT PERSON Steve Hartsell
FILE #
REHS Steve Hartsell
PHONE 650 888 2419
DATE 11/18/14

size of system required at this perk rate for 6 bedroom main house and two bedroom guesthouse:

Leach field:

675 gallons of wastewater a day for the six bedroom main house and 300 gallons of wastewater a day for 2 bedroom guesthouse = 975 gallons of wastewater a day.
975 g/d / .54 g/d/sqft of infiltrative area = 1806 sqft of infiltrative area per leach field
1806 sqft of infiltrative area/ 8 square feet fo infiltrative area per linear foot fo trench= 223 linear feet o trench per leach field
two leach fields required 223 * 2 = 446 linear feet fo trench total

Septic tank:

The septic tank must have twice the daily volume of wastewater flow. In this case the daily wastewater flow is 975 gallon per day and the size of septic tank needed would be a 2000 gallon septic tank.

S.R. HARTSELL, R.E.H.S.
P.O. BOX 342
PACIFICA, CA 94044
srhartsell@gmail.com (650) 888-2419

PRELIMINARY
SEPTIC SYSTEM
DESIGN

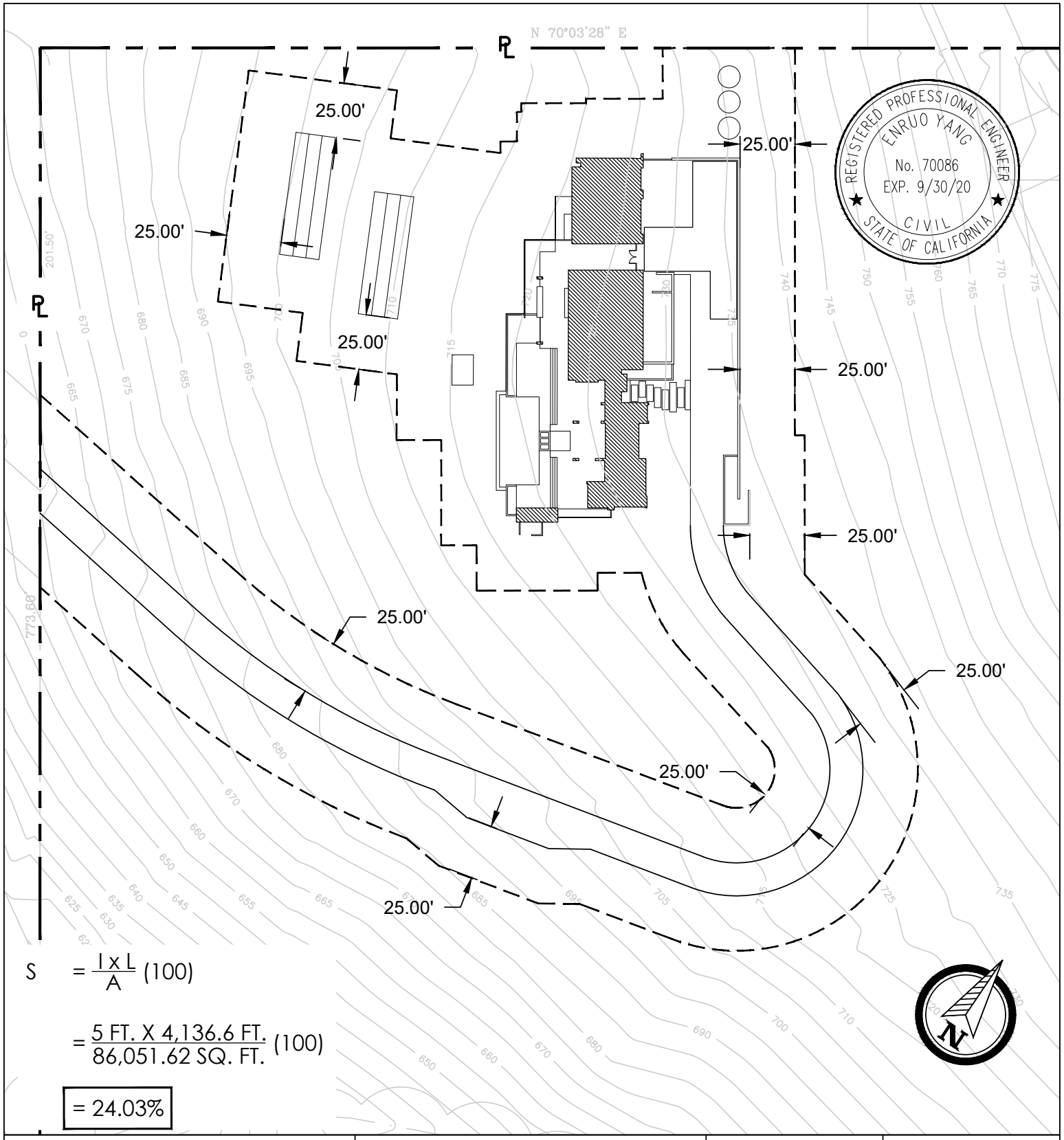
HIGUERA HIGHLAND LANE
SAN JOSE, CA 95148
APN 654-15-028

NOVEMBER 18, 2014

SCALE AS NOTED

BY SRH

PAGE
PRELIM
SEPTIC
1 OF 1



$$S = \frac{I \times L}{A} (100)$$

$$= \frac{5 \text{ FT. X } 4{,}136.6 \text{ FT.}}{86{,}051.62 \text{ SQ. FT.}} (100)$$

$$= 24.03\%$$

YANG CONSULTING GROUP

YANG CONSULTING GROUP

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PRINCIPAL CIVIL ENGINEER

BELSKA RESIDENCE	PROJECT NO SF -1501	EXHIBIT-A
AVERAGE SLOPE CALCULATION	August 20, 2020	
	SCALE : 1" = 50'	SHEET: 1 OF 1