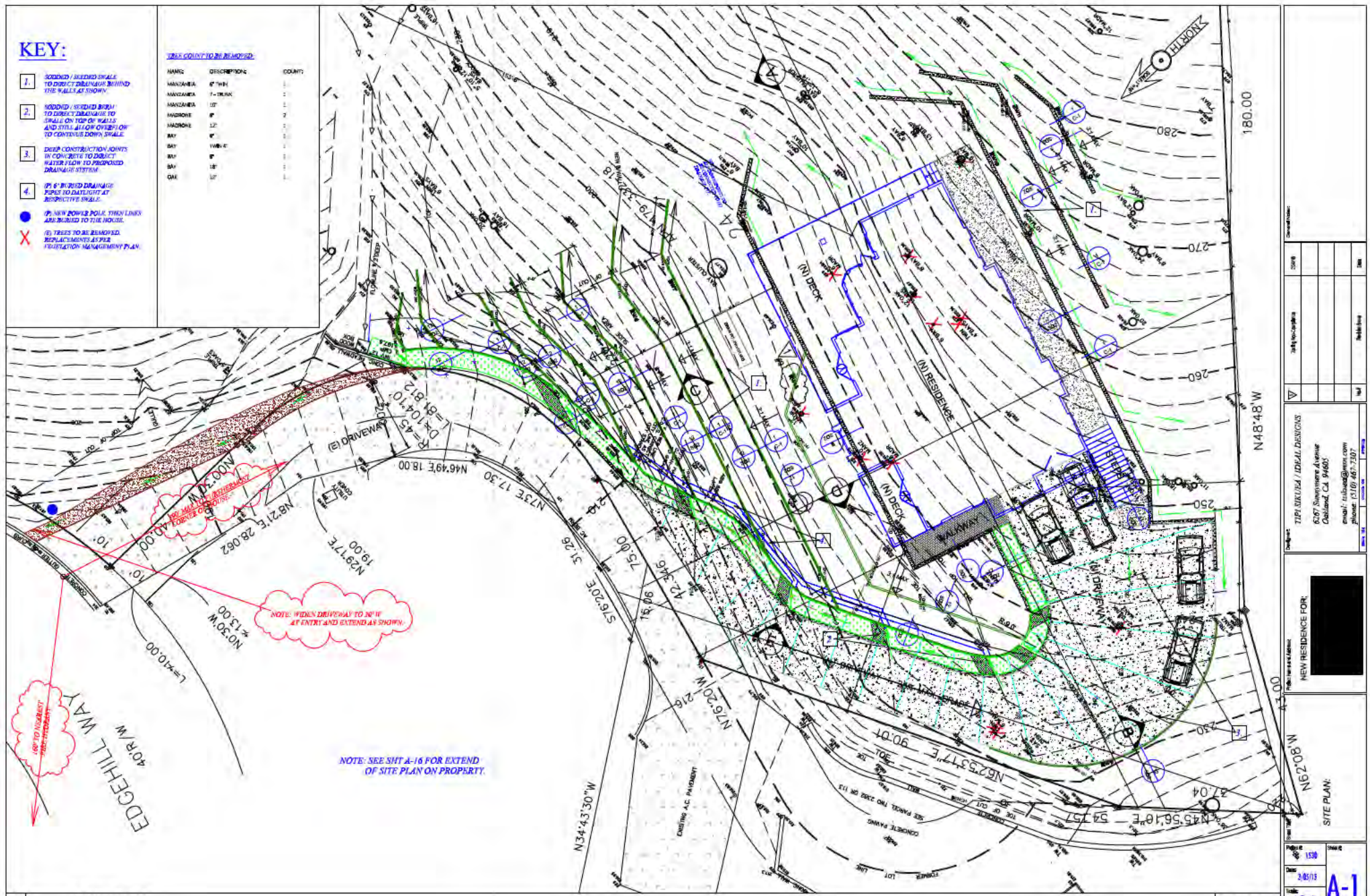


KEY:

1. ADDDED / REDED GRADE TO DIRECT DRAINAGE BEHIND THE WALLS AS SHOWN.
 2. ADDDED / REDED BRUSH TO DIRECT DRAINAGE TO SPALLS ON TOP OF WALLS AND STILL ALLOW OVERFLOW TO CONTINUE DOWN SPALLE.
 3. DEEP CONSTRUCTION JOINTS IN CONCRETE TO DIRECT WATER FLOW TO PROPOSED DRAINAGE SYSTEM.
 4. (P) 6" BURIED DRAINAGE PIPES TO DAYLIGHT AT RESPECTIVE SPALLS.
- NEW POWER POLE, THEN LINKS ARE BURIED TO THE HOUSE.
- ⓧ TREES TO BE REMOVED, REPLACEMENTS AS PER VEGETATION MANAGEMENT PLAN.

TREE COUNT TO BE REMOVED:

NAME	DESCRIPTION	COUNT
MANZANITA	6" THIN	1
MANZANITA	7" THIN	1
MANZANITA	10"	2
MANZANITA	12"	2
MANZANITA	14"	1
MANZANITA	16"	1
MANZANITA	18"	1
MANZANITA	20"	1
MANZANITA	22"	1
MANZANITA	24"	1
MANZANITA	26"	1
MANZANITA	28"	1
MANZANITA	30"	1
MANZANITA	32"	1
MANZANITA	34"	1
MANZANITA	36"	1
MANZANITA	38"	1
MANZANITA	40"	1
MANZANITA	42"	1
MANZANITA	44"	1
MANZANITA	46"	1
MANZANITA	48"	1
MANZANITA	50"	1
MANZANITA	52"	1
MANZANITA	54"	1
MANZANITA	56"	1
MANZANITA	58"	1
MANZANITA	60"	1
MANZANITA	62"	1
MANZANITA	64"	1
MANZANITA	66"	1
MANZANITA	68"	1
MANZANITA	70"	1
MANZANITA	72"	1
MANZANITA	74"	1
MANZANITA	76"	1
MANZANITA	78"	1
MANZANITA	80"	1
MANZANITA	82"	1
MANZANITA	84"	1
MANZANITA	86"	1
MANZANITA	88"	1
MANZANITA	90"	1
MANZANITA	92"	1
MANZANITA	94"	1
MANZANITA	96"	1
MANZANITA	98"	1
MANZANITA	100"	1



(P) SITE PLAN:

SCALE: 1/8" = 1'

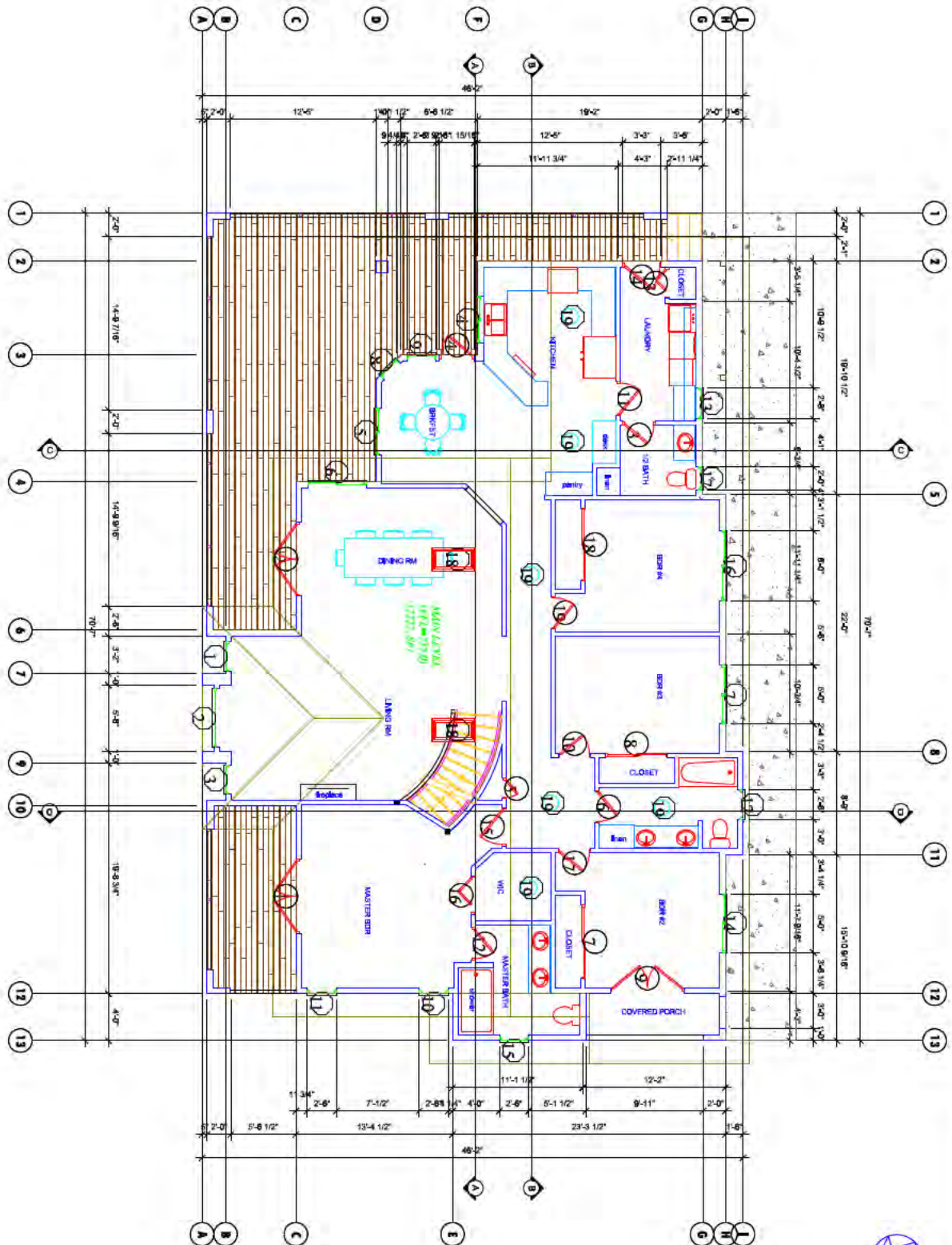
TIP: SIKULA / IDEAL DESIGNS
6397 Sanborn Avenue
Oakland, CA 94605
email: tsikula@ideal.com
phone: (415) 467-7300

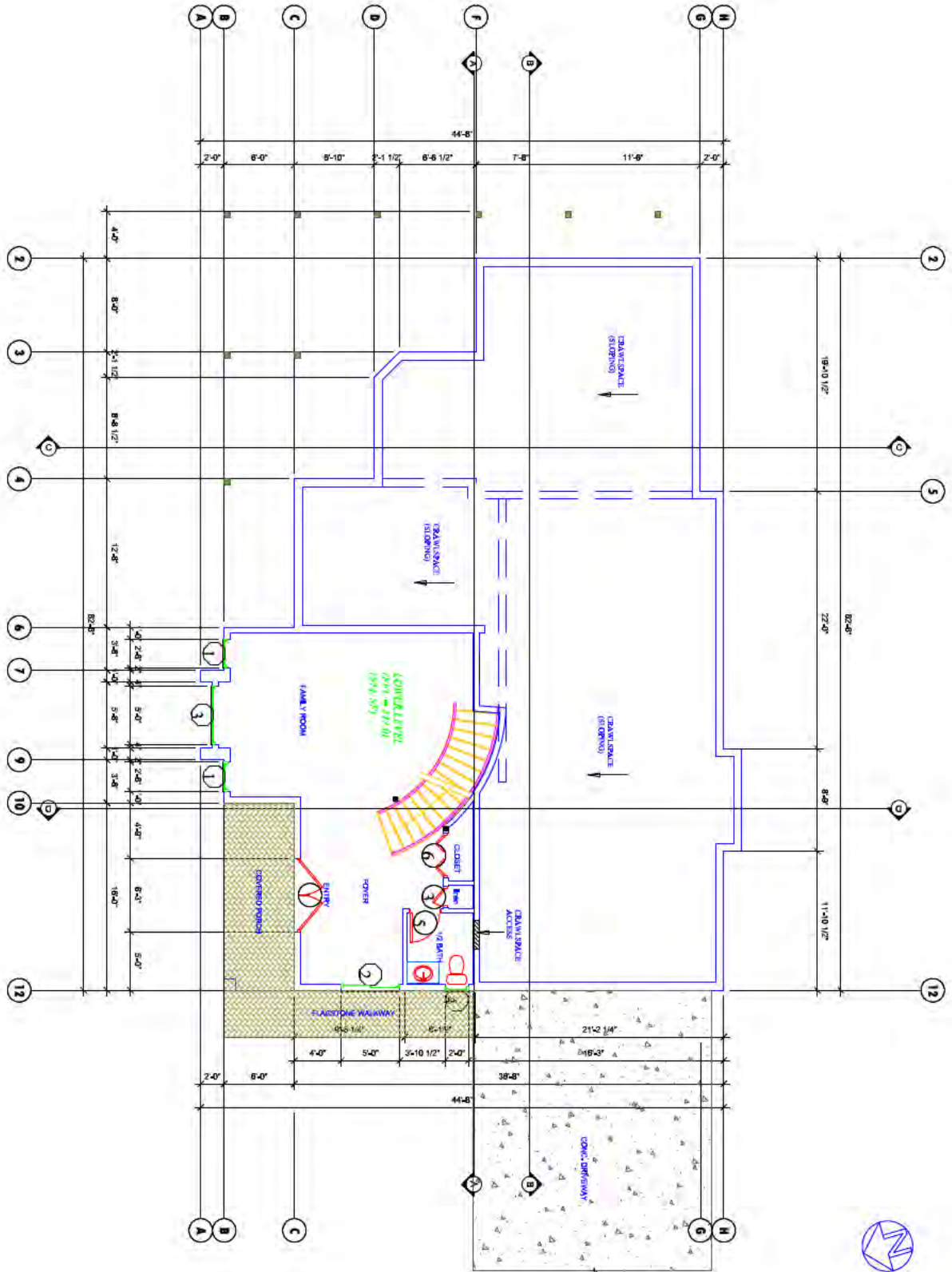
NEW RESIDENCE FOR

SITE PLAN:

Page: 1508
Date: 3/20/13
Title: 1/8" = 1'

A-1





Door Schedule - Main Floor

Mark	Size	Description	Count	Notes
1	6'-0" X 2'-0"	720 Double Hung Door	1	Aluminum, Thermally Broken, Double Hung
2	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
3	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
4	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
5	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
6	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
7	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
8	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
9	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
10	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
11	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
12	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
13	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
14	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
15	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
16	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
17	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
18	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
19	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung

Window Schedule - Main Floor

Mark	Size	Description	Count	Notes
1	6'-0" X 2'-0"	720 Double Hung Window	1	Aluminum, Thermally Broken, Double Hung
2	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
3	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
4	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
5	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
6	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
7	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
8	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
9	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
10	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
11	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
12	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
13	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
14	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
15	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
16	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
17	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
18	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
19	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung

Door Schedule - Lower Level

Mark	Size	Description	Count	Notes
1	6'-0" X 2'-0"	720 Double Hung Door	1	Aluminum, Thermally Broken, Double Hung
2	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
3	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
4	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
5	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
6	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
7	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
8	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
9	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
10	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
11	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
12	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
13	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
14	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
15	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
16	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
17	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung
18	6'-0" X 2'-0"	720 Left Hung Door	1	Aluminum, Thermally Broken, Double Hung
19	6'-0" X 2'-0"	720 Right Hung Door	1	Aluminum, Thermally Broken, Double Hung

Window Schedule - Lower Level

Mark	Size	Description	Count	Notes
1	6'-0" X 2'-0"	720 Double Hung Window	1	Aluminum, Thermally Broken, Double Hung
2	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
3	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
4	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
5	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
6	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
7	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
8	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
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13	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
14	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
15	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
16	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
17	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung
18	6'-0" X 2'-0"	720 Left Hung Window	1	Aluminum, Thermally Broken, Double Hung
19	6'-0" X 2'-0"	720 Right Hung Window	1	Aluminum, Thermally Broken, Double Hung

Finish Schedule

Room	Floor Mat'l	Baseboard Mat'l	Fin	Wall Mat'l	Fin	Trim Mat'l	Fin	Ceiling Mat'l	Fin	Countertops Mat'l	Fin	Cabinets Mat'l	Fin	Notes
Main Floor														
Living/Dining	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Kitchen	Hardwood	Wal	P2	Cyp/2MA	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Breakfast/Hallway	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Bedroom	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Bathroom	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Garage	Tile	Tile	Tile	Cyp/2MA	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Master Bedroom	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Walk-in Closet	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Bedroom #2	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Children's Room	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Bedroom #3	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Bedroom #4	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Entry	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Lower Level														
Entry	Tile	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Garage	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Bedroom	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	
Living/Dining	Hardwood	Wal	P2	Cyp	P1	Wal	P2	Cyp	P1	Stone/Granite	TRQ	Wal	TRQ	

P1 - Interior Wall Paint, Flat, Color TRQ
P2 - Interior Trim Paint, Gloss, Color TRQ
P3 - Exterior Wall Paint, Eggshell, Color TRQ
P4 - Exterior Wall Paint, Gloss Level TRQ, Color TRQ
P5 - Exterior Trim Paint, Gloss Level TRQ, Color TRQ

TRQ - To Be Determined

SCHEDULES:
- WINDOWS & DOORS.
- FINISHING.

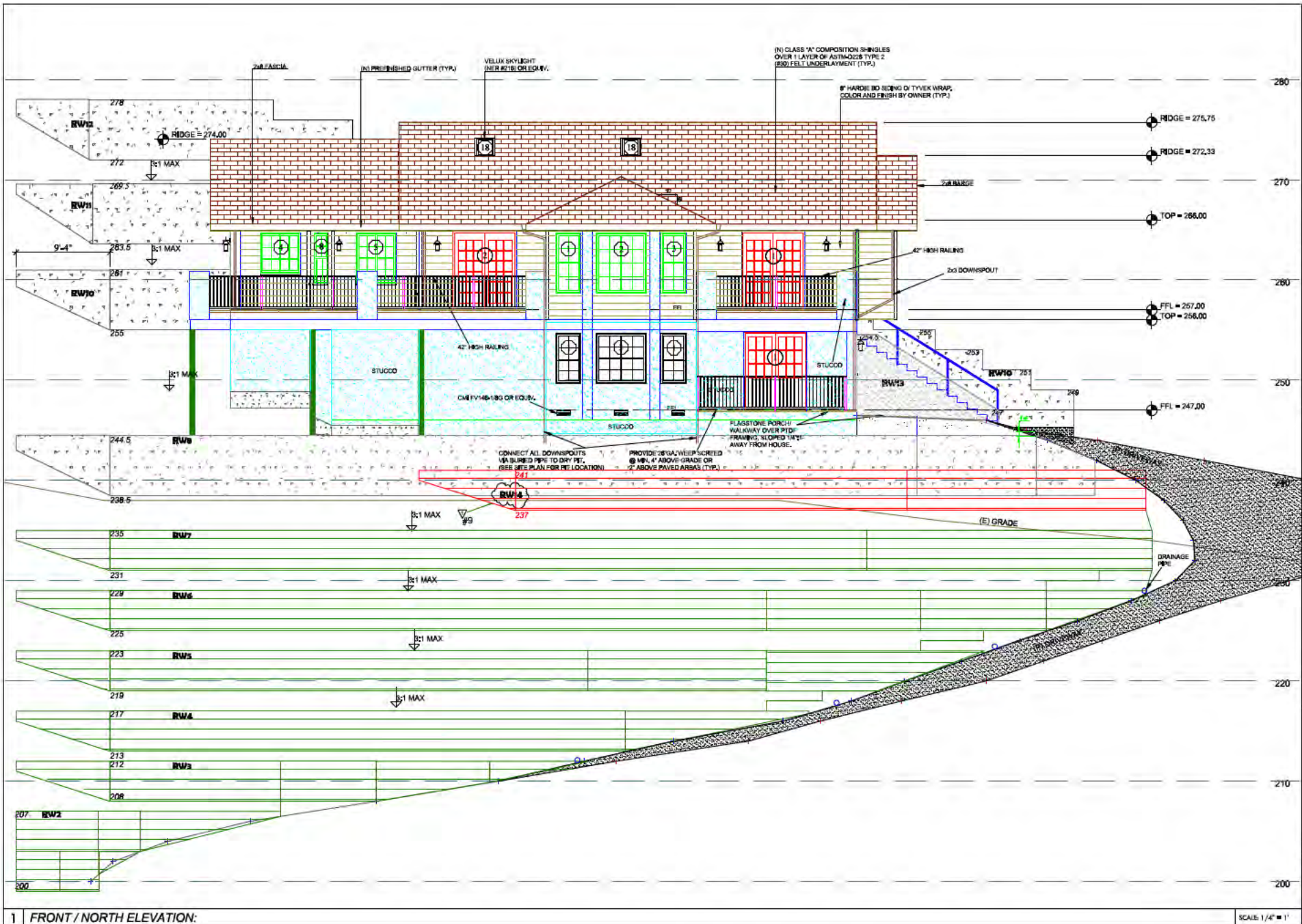
NEW RESIDENCE FOR:



Design: TJP SIKUEA / IDEAL DESIGNS
6367 Sunnymare Avenue
Oakland, CA 94605
email: tjsikuea@ideal.com
phone: (510) 467-7507

DATE	BY	REVISION

DATE: 10/11/11
BY: TJS



1 FRONT / NORTH ELEVATION:

SCALE: 1/4" = 1'

Design: TPT SKUBA / IDEAL DESIGNS

6587 Sunnymare Avenue
Oakland, CA 94605

email: tschwee@tschwee.com
phone: (510) 467-7707

NEW RESIDENCE EDP

NORTH ELEVATION:

Project:

1538

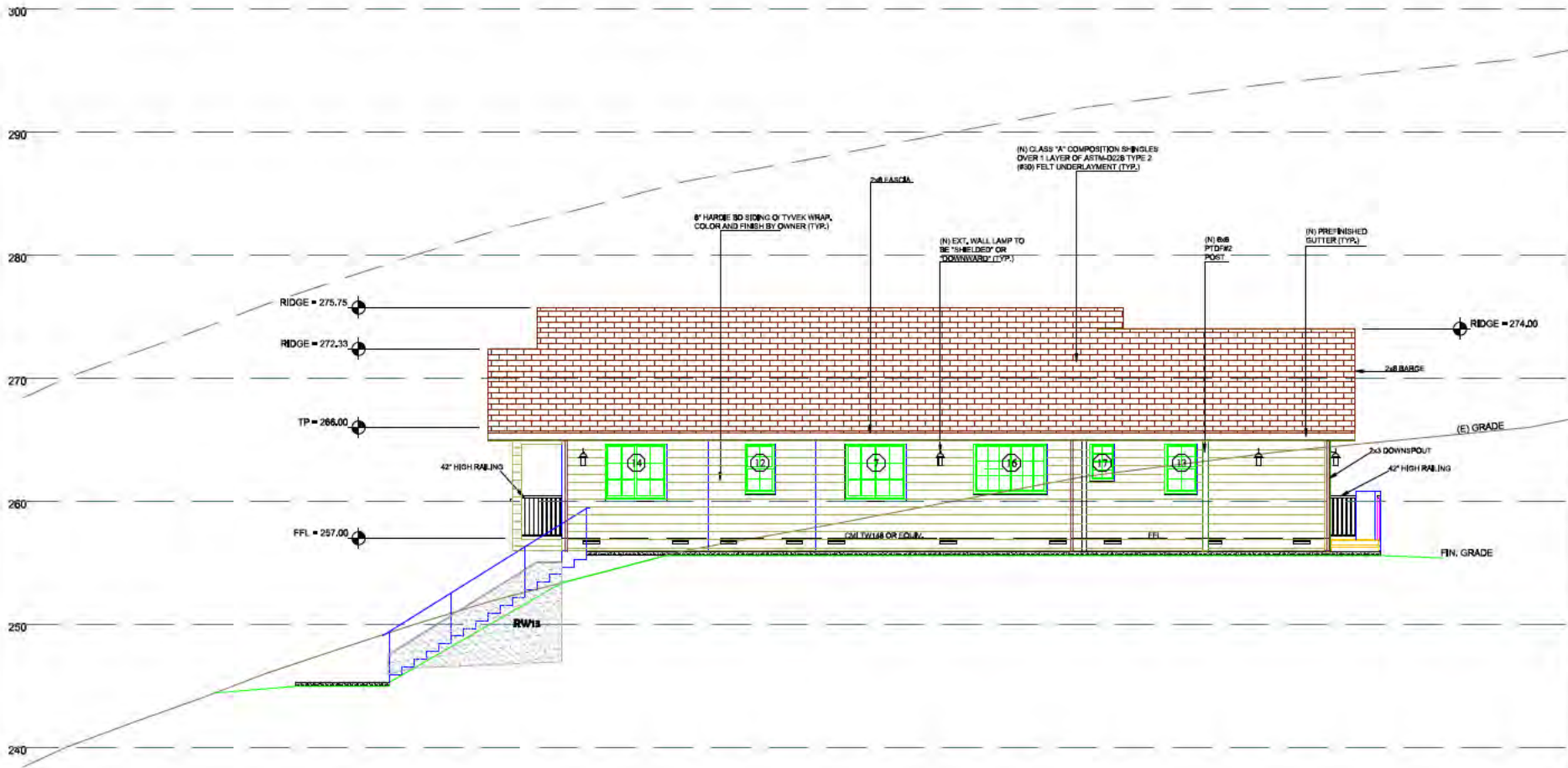
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3/05/15

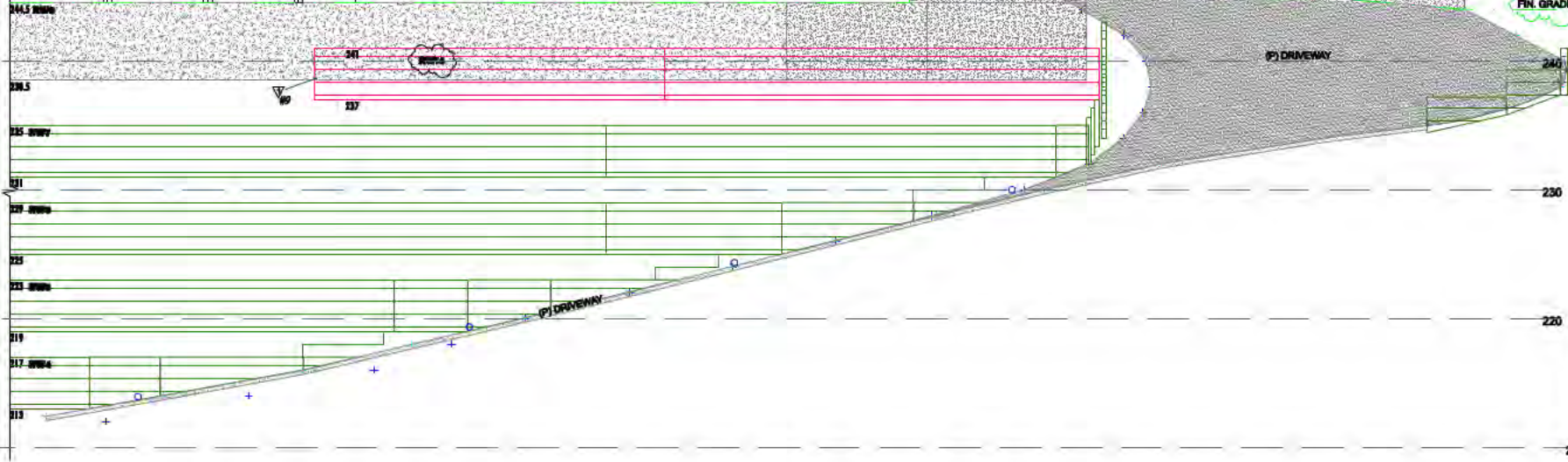
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AS SHOWN

A-5



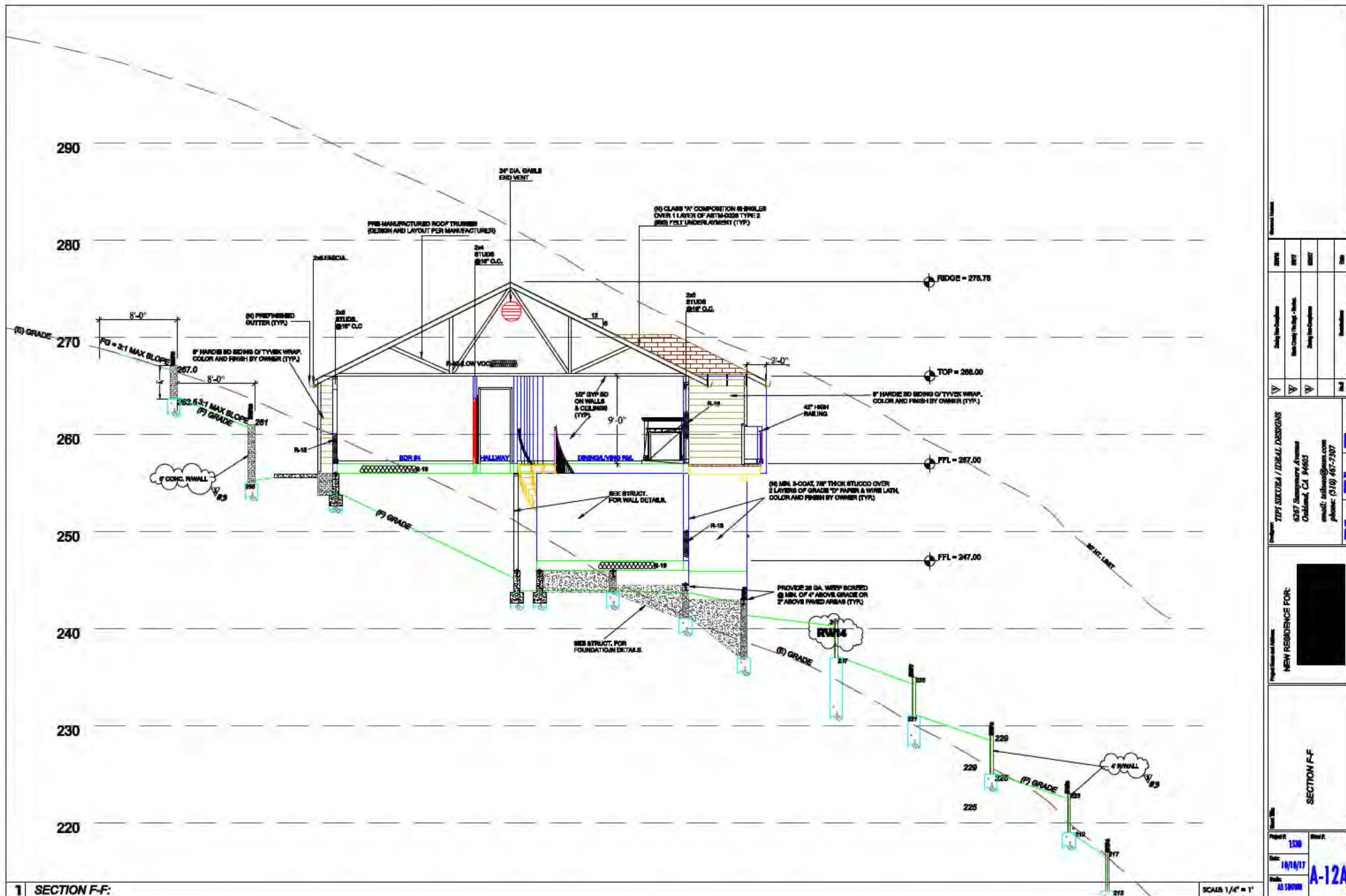
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Drawing No. 1500		Scale AS SHOWN	
Designer: TPI SKETCH / DCAI DESIGNS 6567 Sunnyside Avenue Oakland, CA 94605 email: rishwan@tpro.com phone: (510) 467-7107			
NEW RESIDENCE FOR:		SOUTH ELEVATION:	
Project # 1500		Sheet # A-7	

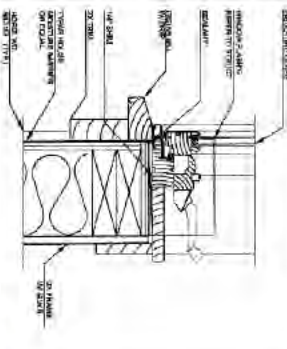
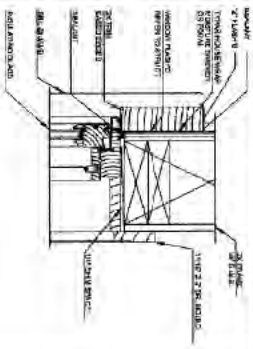
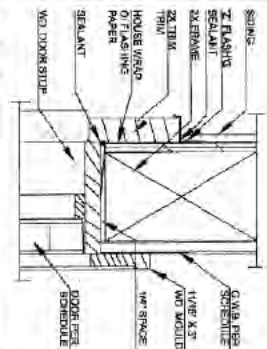
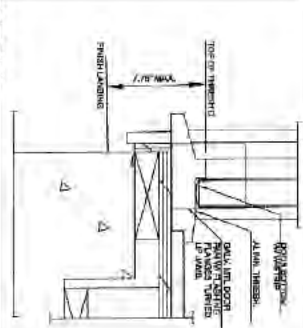
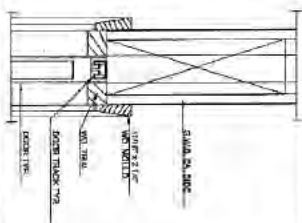
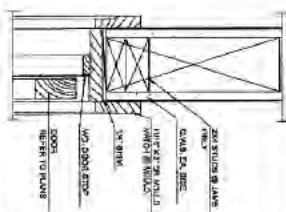
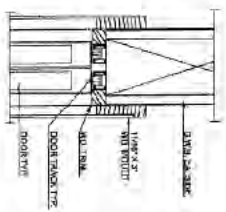
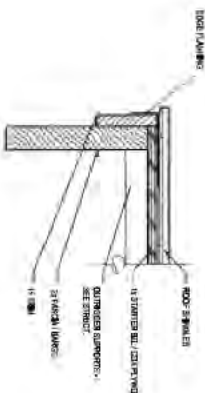
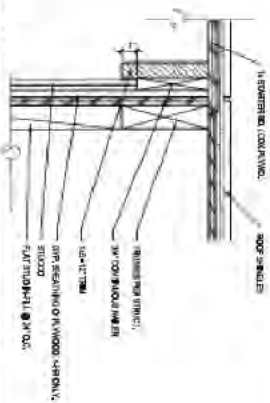
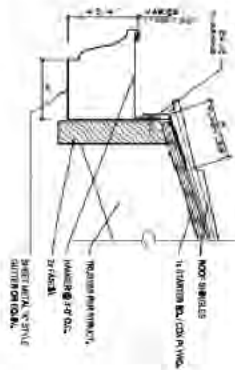
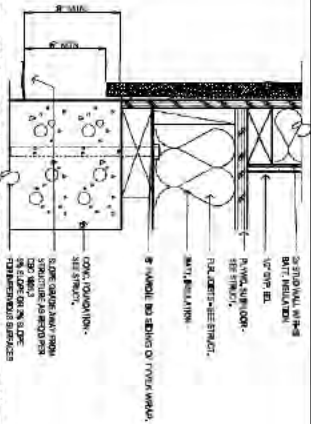
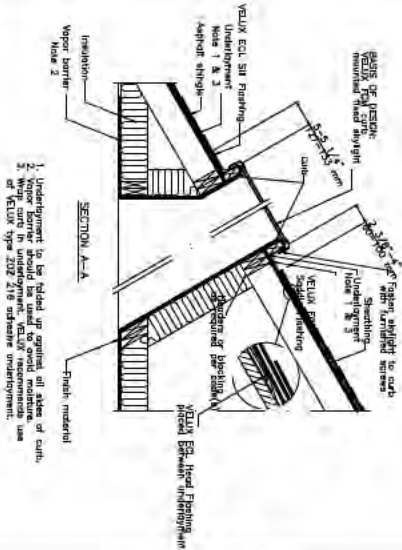
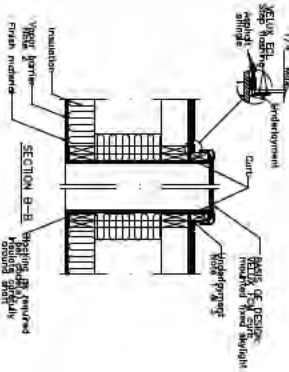
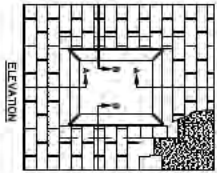


1 | SOUTHWEST ELEVATION (SECTION E-E):

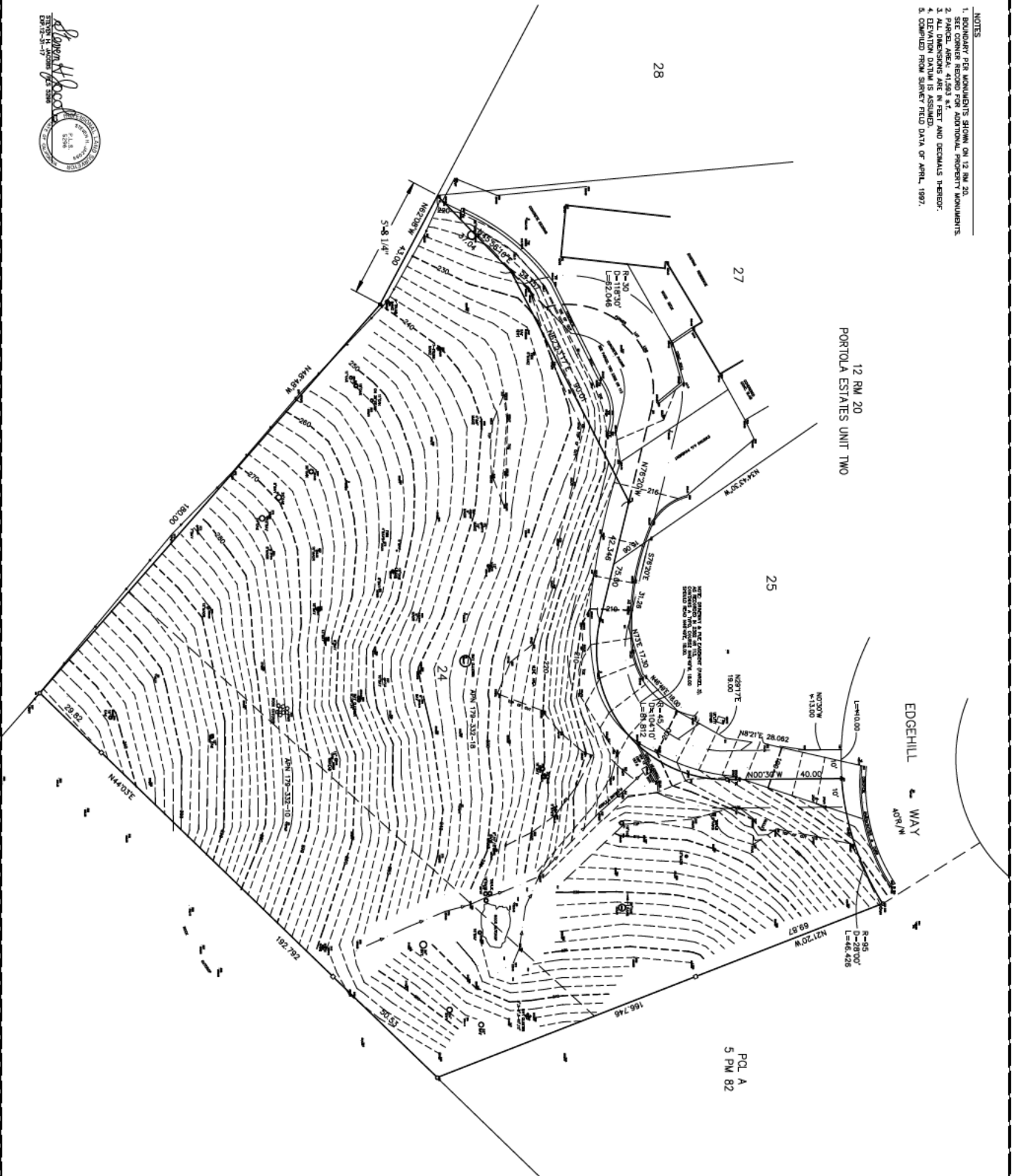
SCALE: 1/4" = 1'

Project Name		Sheet	
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Design Description		Foundation	
A		B	
Designer: TYPH SIKULA / IDEAL DESIGNS 6357 Sanyuan Avenue Oakland, CA 94603 email: tsikula@gmail.com phone: (510) 467-7897			
Registered Address: NEW RESIDENCE FOR: [Redacted]			
V 97 SOUTHWEST (P) ELEVATION:			
Project:	1508	Sheet:	
Date:	4/6/15	Scale:	A-8A
Work:	AS SHOWN		





- NOTES
1. PREPARED FOR MARION'S ESTATE ON 12 RM 20.
 2. SEE CORNER RECORD FOR ADDITIONAL PROPERTY MONUMENTS.
 3. PARCEL AREA: 41,593 s.f.
 4. ALL DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
 5. ELEVATIONS ARE BASED ON THE 1987 DATUM.
 6. CORNER RECORD FROM SURVEY FIELD DATA OF APRIL, 1997.



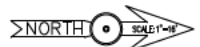
POL A
5 PM 82

- LEGEND
- SURVEY CONTROL POINT
 - BENCHMARK
 - QUANTITY, S. TO
 - PLY. TUB REMAINT & TUB RCE 1247
 - ▲ PLY. PK. NAIL
 - AO AREA DRAIN
 - BP SET PK. NAIL NEAR EDGE OF PAVEMENT
 - CP JOINT UTILITY POLE
 - SSD SLOPE SHOWN
 - SSHI SWIFTWAY SEWER MAIN HOLE
 - TV TOP OF WALL

TREE LEGEND

- MAJOR MAINTENANCE
- MINOR MAINTENANCE
- REMOVED TREE

SITE PLAN AND
TOPOGRAPHY
LANDS OF YACOB DN 2013-0046462
LOT 24, 12 RM 20
PORTOLA ESTATES UNIT TWO
JUNE, 2016 SCALE 1"=16'
MARIN COUNTY ~ CALIFORNIA
JACOBS LAND SURVEYING
P.O. BOX 7829
COTATI, CA 94931
415-454-2235
M 10-1203-04 FB
SHEP FILE 2009/0402/10000



KEY:

1. SODDED SWALE TO DIRECT DRAINAGE BEHIND THE WALLS AS SHOWN.
2. SODDED BERM TO DIRECT DRAINAGE TO SWALE ON TOP OF WALLS AND STILL ALLOW OVERFLOW TO CONTINUE DOWN SWALE.
3. DRIP CONSTRUCTION JOINTS IN CONCRETE TO DIRECT WATER FLOW TO PROPOSED DRAINAGE SYSTEM.
4. (P) 6" BURIED DRAINAGE PIPES TO DRAINAGE AT RESPECTIVE STAIRS.
5. (P) NEW POWER POLE, THEN LINES ARE BURIED TO THE HOUSE.
6. (N) TREES TO BE REMOVED. REPLACEMENTS AS PER REVEGETATION MANAGEMENT PLAN.
- (E) TREE.

TREE COUNT TO BE REMOVED:			
NAMES	DESCRIPTION	COUNT	REPLACEMENT (1:1.5 GAL)
MANGROVE	6" TWN	1	
MANGROVE	7" TWN	1	
MANGROVE	10"	1	
MANGROVE	12"	1	
RAY	7-8" W	1	
RAY	10-12" W	1	
RAY	15"	1	
OAK	12"	1	

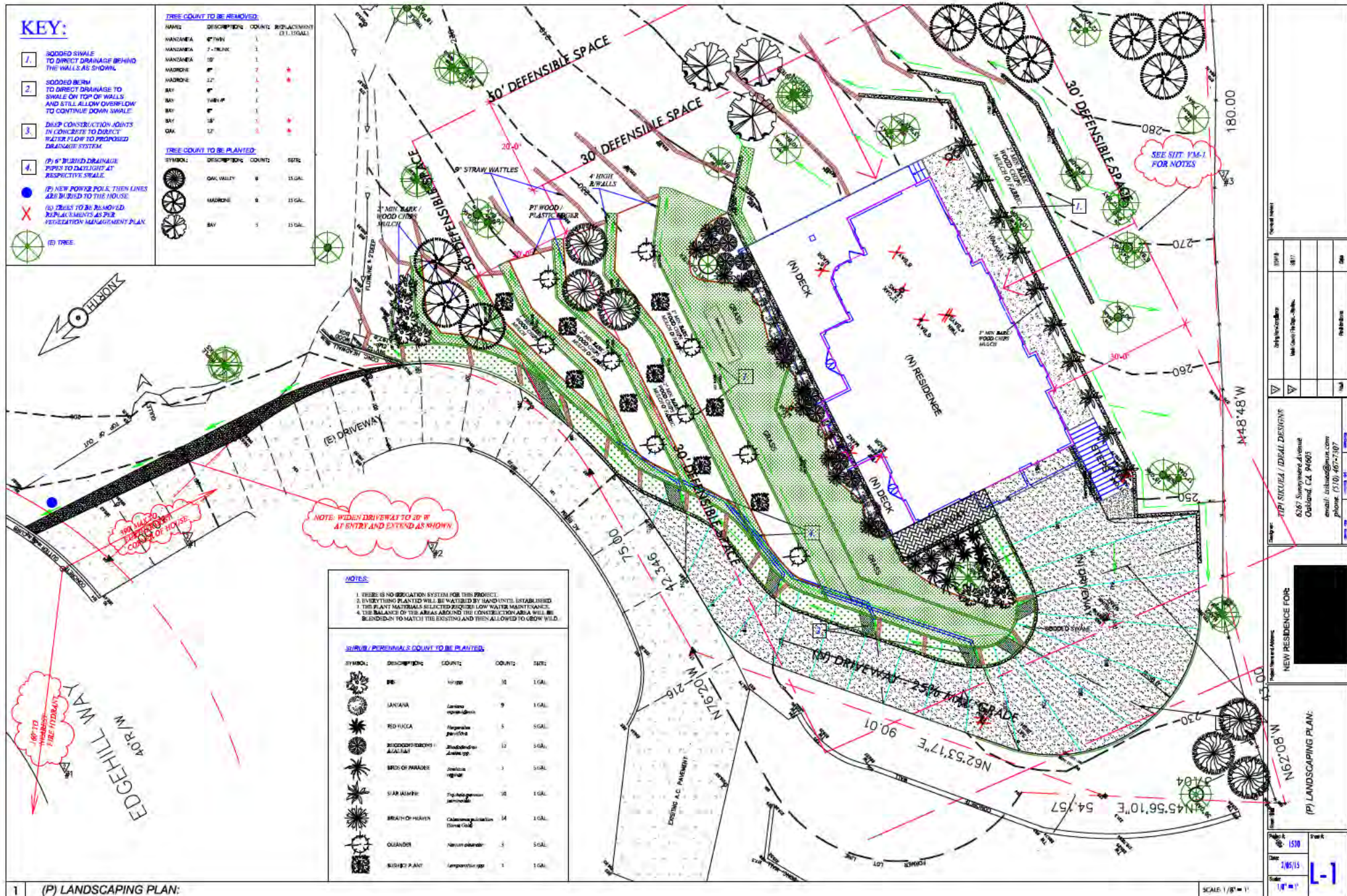
TREE COUNT TO BE PLANTED:			
SYMBOL	DESCRIPTION	COUNT	SIZE
	OAK VALLEY	8	15 GAL.
	MANGROVE	8	15 GAL.
	RAY	5	15 GAL.

NOTES:

1. THERE IS NO IRRIGATION SYSTEM FOR THIS PROJECT.
2. EVERYTHING PLANTED WILL BE WATERED BY HAND UNTIL ESTABLISHED.
3. THE PLANT MATERIALS SELECTED PROVIDE LOW WATER MAINTENANCE.
4. THE BALANCE OF THE AREAS AROUND THE CONSTRUCTION AREA WILL BE BLVD/DRIVE TO MATCH THE EXISTING AND THEN ALLOWED TO GROW WILD.

SHRUB / PERENNIALS COUNT TO BE PLANTED:

SYMBOL	DESCRIPTION	COUNT	SIZE
	RED YUCCA	10	1 GAL.
	LANTANA	9	1 GAL.
	RED YUCCA	5	5 GAL.
	SHRUB	12	5 GAL.
	SHRUB	1	5 GAL.
	STAR	10	1 GAL.
	STAR	14	1 GAL.
	STAR	5	5 GAL.
	STAR	1	1 GAL.



Project Name	Client	Design	Date
101 SUEVA / IDEAL DESIGN	6267 Sunnyvale Avenue Oakland, CA 94605	email: jlsuava@earthlink.net phone: (510) 857-7107	

NEW RESIDENCE FOR

(P) LANDSCAPING PLAN:

Scale	1/8" = 1'
Date	1/15/15
Drawn	JLS

TREE DRIP-LINE LEGEND:

SYMBOL	DESCRIPTION
	Coast Live Oak - <i>Quercus agrifolia</i>
	Madrone - <i>Arbutus menziesii</i>
	Bay - <i>Laurus nobilis</i>
	Manzanita - <i>Arctostaphylos</i>
	NEW TREES - CRAPE MYRTLE - <i>Lagerstroemia indica</i> (25 gal.)

TREE COUNT TO BE REMOVED: (marked - X)

NAME	DESCRIPTION	COUNT	REPLACEMENT (3:1, 10, GAL.)
MANZANITA	6" TWN	2	
MANZANITA	7" TRUNK	1	
MANZANITA	10"	1	
MADRONE	6"	1	
MADRONE	8"	1	
MADRONE	10"	1	
BAY	6"	1	
BAY	8"	1	
BAY	15"	1	
BAY	18"	1	
BAY	36"	1	
OAK	15"	1	

NOTES

1. BOUNDARY PER MONUMENTS SHOWN ON 12 RM 20.
2. SEE CORNER RECORD FOR ADDITIONAL PROPERTY MONUMENTS.
3. PARCELS AREA: 41,593 s.f.
4. ALL DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
5. ELEVATION DATUM IS ASSUMED.
6. COMPILED FROM SURVEY FIELD DATA OF APRIL, 1997.

LEGEND

- SURVEY CONTROL POINT
- REBAR & CAP PLS 5296, CORNER RECORD PREPARED
- GUNNEY & TAG
- HUB & TAG
- TND. HUB REMNANT & TAG RCE 12247
- ▲ TND. PK NAIL
- AD AREA DRAIN
- JBM SET PK NAIL NEAR EDGE OF PAVEMENT
- JP JOINT UTILITY POLE
- SSCO SANITARY SEWER CLEANOUT
- SSMH SANITARY SEWER MAN HOLE
- TW TOP OF WALL



SITE PLAN - ARBORIST REPORT

SCALE: 1/16" = 1'



Project No.	1550	Sheet No.	A-1
Date	7/12/17	Scale	AS SHOWN
SITE PLAN - ARBORIST REPORT			
NEW RESIDENCE FOR: [REDACTED]			
Prepared by: [REDACTED]			
Checked by: [REDACTED]			
Approved by: [REDACTED]			
Tom Arrington ISA Certified Arborist WE-30704 (510) 734-7123 BayArborist.com			

Energy 9, 7 by EnergySoft. User Number: 3581. PubCode: 2016-01-26T12:19:31. (J) 0151601. Page 11 of 16

[illegible]

HVAC SYSTEM HEATING AND COOLING LOADS SUMMARY

From Table
Outside Air
HVAC System

Date:
1/25/2016
Page 2 of 2
2.74%

UNLOAD DURING CHECKS

SYSTEM LOAD

Number of Systems	COOL/COOLING PEAK CFM	BTU/hr	Latent	CFM	BTU/hr
Heating System					
Outside Air Systems	44343				
Total Output (Btu/hr)	44343				
Output (BTU/hr)					
Output (BTU/hr)					
Cooling System					
Default Unit Systems					
Default Load (Btu/hr)					
Total Output (Tons)	0.0				
Total Output (BTU/hr)	0.0				
Total Output (BTU/hr)	0.0				
Total Output (BTU/hr)	0.0				
TOTAL SYSTEM LOAD	44343	1443		44343	1443
Air System					
CHW per System					
Airflow (ft/min)					
Airflow (ft/min)					
Airflow (ft/min)					
Outside Air (ft/min)					
Outside Air (ft/min)					
Outside Air (ft/min)					
TIME OF SYSTEM PEAK					
Approx 1 PM					
Approx 1 PM					

NOTE: Values shown above are at 90% efficiency

HEATING SYSTEM PSYCHROMETRICS (Approximate Temperatures at Time of Heating Peak)

A psychrometric diagram for a heating system. The vertical axis is labeled 'DBT' (Dry Bulb Temperature) and the horizontal axis is labeled 'Wet Bulb Temperature'. A saturation curve is shown on the left. A horizontal line at 67°F DBT represents the supply air condition. A vertical line at 67°F DBT represents the return air condition. A diagonal line at 67°F DBT represents the heating coil. A point on this line is labeled 'Heating Coil'. A point on the return air line is labeled 'ROOM'. The return air condition is 70°F DBT and 62°F WB. The supply air condition is 67°F DBT and 62°F WB. The heating coil is at 67°F DBT and 62°F WB.

COOLING SYSTEM PSYCHROMETRICS (Approximate Temperatures at Time of Cooling Peak)

A psychrometric diagram for a cooling system. The vertical axis is labeled 'DBT' (Dry Bulb Temperature) and the horizontal axis is labeled 'Wet Bulb Temperature'. A saturation curve is shown on the left. A horizontal line at 70°F DBT represents the supply air condition. A vertical line at 70°F DBT represents the return air condition. A diagonal line at 70°F DBT represents the cooling coil. A point on this line is labeled 'Cooling Coil'. A point on the return air line is labeled 'ROOM'. The return air condition is 75°F DBT and 65°F WB. The supply air condition is 70°F DBT and 65°F WB. The cooling coil is at 70°F DBT and 65°F WB.

Report File: C:\Program Files\HVAC\HVAC System\HVAC