

**FIRE COMPETITION | UC BERKELEY |** SPONSORED BY IBSH AND CSAA INSURANCE |





Our vision is a design that follows the fire safe requirements set by the CSAA and IBSH and captures the lush feel of Northern California; land of the redwoods. Our plant palette is primarily native plants such as sword ferns and Oregon grape that create a lush evergreen back drop while being low maintenance and low water. Planting beds occur in carefully placed berms that trick the eye into thinking it is one contiguous bed while in reality the berms allow for important space and seperation between plantings. Serpentine paths of constrasting hardscape materials play together to bring texture and interest to the 0-5’ zone. A metal gate crosses the driveway and increases the size of the back yard allowing more space for dogs to run and children to play.

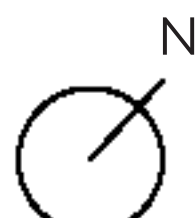


**MATERIAL PLAN** | SCALE: 1/8" = 1'-0"

**FIRE  
COMPETITION**

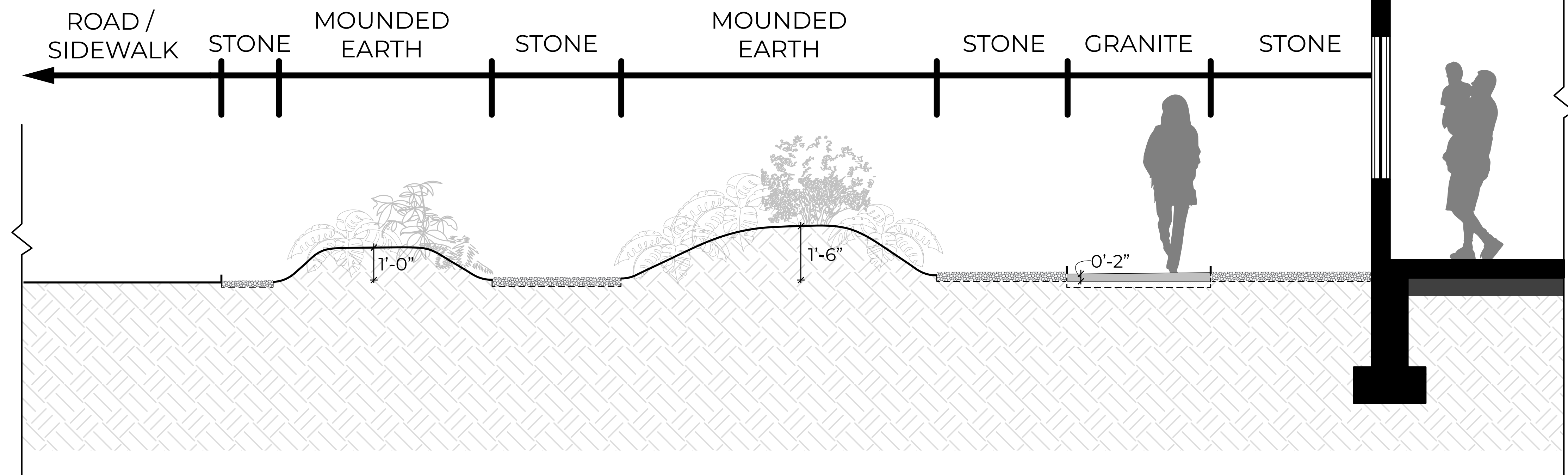
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**MATERIAL PLAN**



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





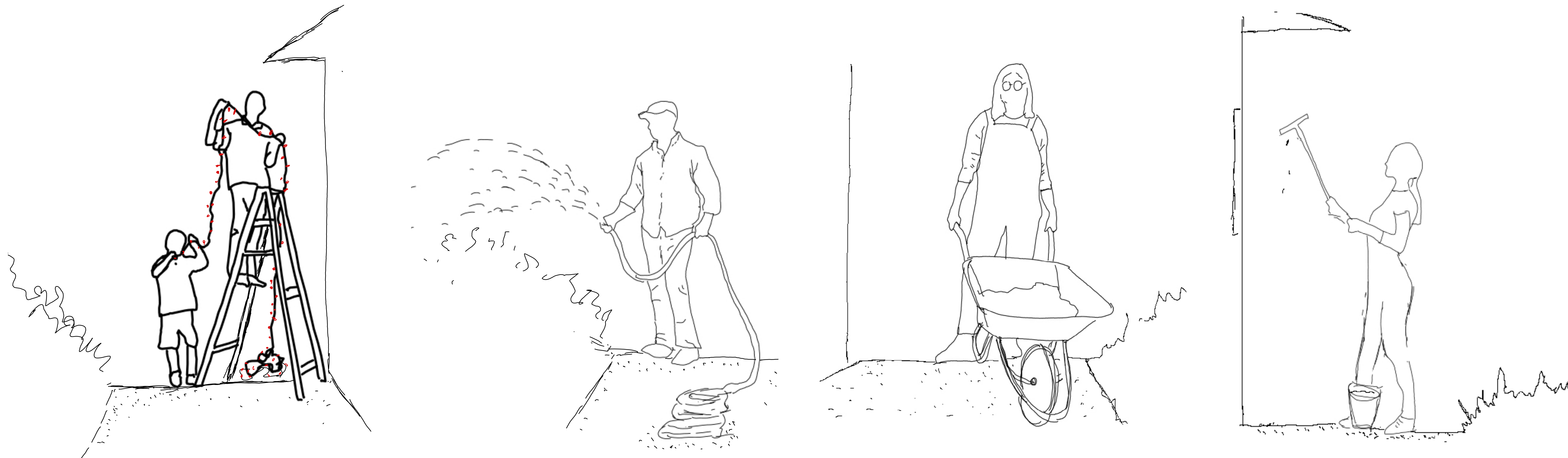
**FRONT YARD CROSS SECTION | NTS**

**FIRE  
COMPETITION**

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**DETAILS**

SCALE: NTS  
ARCH D



KEY		REMOVALS
<div></div>	PATH LIGHTS	WOODEN DECK
<div></div>	UP LIGHTS	
<div></div>	WALL LIGHTS	
<div></div>	DECORATIVE BOULDERS	NOTES
<div></div>	SCULPTURE APPX. 4'-5' HIGH	
<div></div>	0'-5' ZONE	
<div></div>	5'-30' ZONE	

KEY

SYMBOL	BOTANICAL NAME	COMMON NAME	TYPE	SIZE	QUANTITY
<div></div>	BERGENIA CRASSIFOLIA	BERGENIA	EV. PERENNIAL	#1	23
<div></div>	CAREX OSHIMENSIS	EVERILLO CAREX	EV. CAREX	4"	50
<div></div>	CORNUS ALBA 'ELEGANTISSIMA'	RED TWIG DOGWOOD	DEC. SHRUB	#2	2
<div></div>	EUONOMUS FORTUNEI	CREEPING EUONOMUS	EV. GROUNDCOVER	4"	5
<div></div>	FRAGARIA VESCA	BEACH STRAWBERRY	EV. GROUNDCOVER	4"	60
<div></div>	FUCHSIA MAGELLANICA	FUCHSIA	DEC. SHRUB	#1	10
<div></div>	HEUCHERA PURPEREA	PURPLE HEUCHERA	EV. PERENNIAL	4"	62
<div></div>	MAHONIA EURYBRACTEATA	MAHONIA SOFT CARESS	EV. SHRUB	#2	8
<div></div>	POLYSTICHUM MUNITUM	SWORD FERN	EV. PERENNIAL	#1	27
<div></div>	VACCINIUM ANGUSTIFOLIUM	TOP HAT BLUEBERRY	EV. SHRUB	#1	15

PLANT LIST | FRONT YARD

SYMBOL	BOTANICAL NAME	COMMON NAME	TYPE	SIZE	QUANTITY
<div></div>	AGAVE ATTENUATA	FOXTAIL AGAVE	EV. AGAVE	#2	4
<div></div>	ERIGERON GLAUCUS	SEASIDE DAISY	EV. PERENNIAL	4"	19
<div></div>	GUARA LINDHEIMERI	WHITE GUARA	DEC. PERENNIAL	#1	10
<div></div>	HELANTHEMUM 'HENFIELD BRILLIANT'	ROCK ROSE	EV. GROUNDCOVER	4"	3
<div></div>	MAHONIA X MEDIA 'ARTHUR MENZIES'	ARTHUR MENZIES MAHONIA	EV. SHRUB	#2	3
<div></div>	MAHONIA NERVOSA	DWARF OREGON GRAPE	EV. SUB SHRUB	#1	10
<div></div>	PENSTAMON 'RED RIDING HOOD'	BEARD TONGUE	DEC. PERENNIAL	#1	3

PLANT LIST | BACK YARD

MULTI USE UTILITY SPACE

EX TREES - TO BE LIMBED UP TO ALLOW FOR AT MINIMUM 15' OF CLEARANCE

NEW PLANTING BED, BERM WITH REMNANT SOIL AFTER PATH EXCAVATION - IRRIGATION ONLY REQUIRED TO ESTABLISH

PRIMARY DECOMPOSED GRANITE TYPE TO VARY IN COLOR AND SIZE FROM SECONDARY FOR CONTRAST

EX LAWN TO BE RESHAPED AND IRRIGATED

NEW PLANTING BED, BERM WITH REMNANT SOIL AFTER PATH EXCAVATION - IRRIGATION ONLY REQUIRED TO ESTABLISH

DECOMPOSED GRANITE TO REPLACE WOODEN DECK, WILL REQUIRE STEP TO HOUSE

SECONDARY DECOMPOSED GRANITE TYPE TO VARY IN COLOR AND SIZE FROM PRIMARY FOR CONTRAST

EX. WOODEN FENCE

METAL GATE

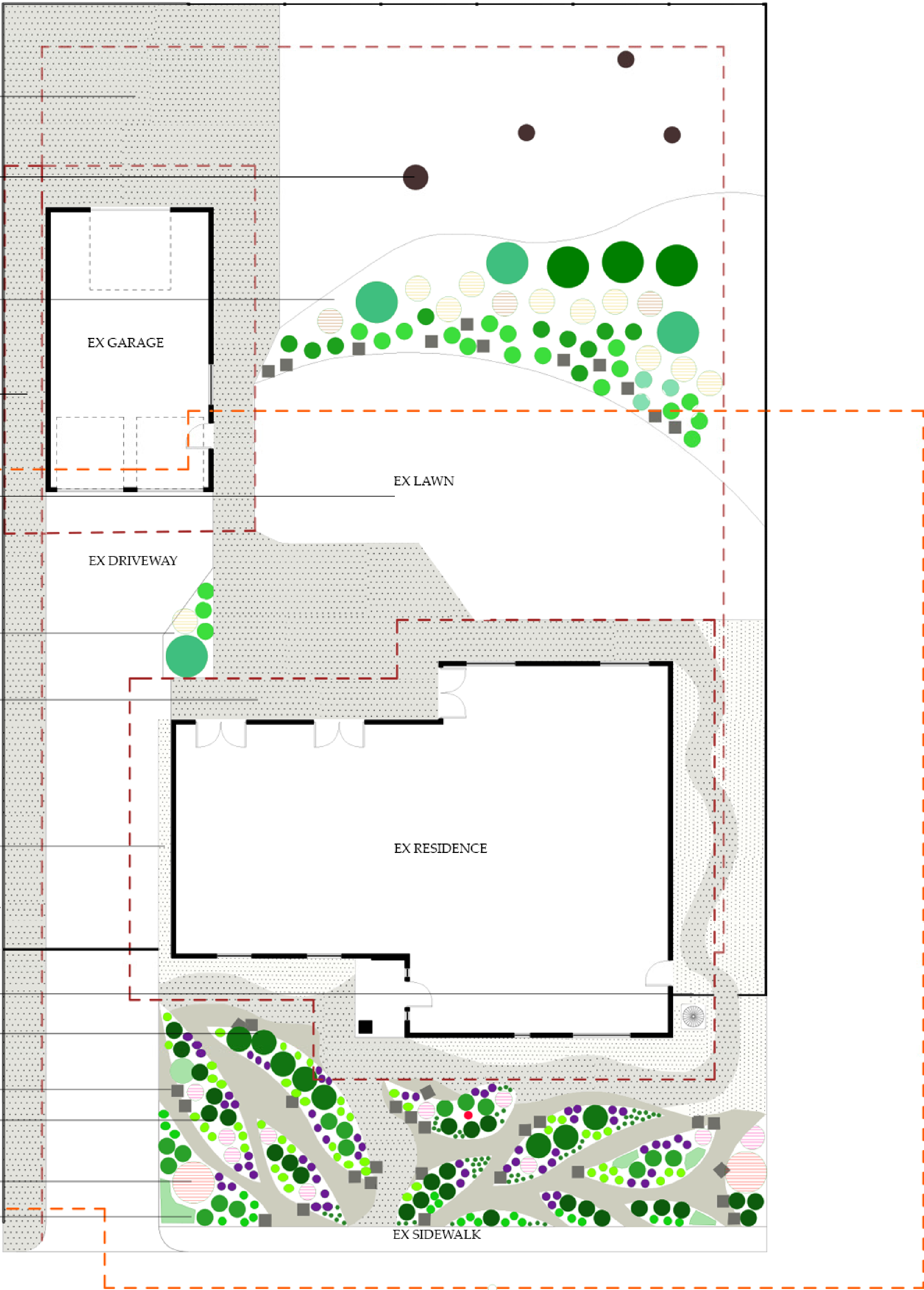
BERMS NEAR HOUSE APPROX 1.5' AT HIGHEST

PEA GRAVEL AND DECORATIVE BOULDERS BETWEEN BERMS

MID BERMS APPROX 1' HIGH

BERMS NEAREST SIDEWALK APPROX. 6" HIGH

FRONT YARD BERMS TO BE IRRIGATED



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TECHNICAL PLAN  
BUDGET: \$5,000

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



##	ITEM	QTY	COST
01	Driveway Gate Home Depot   Forebright Osprey Rainbow Gate	01	\$598.98
02	Metal Fence Gate Home Depot   US Door & Fence Steel Fence Gate	01	\$181.70
03	Metal Fence (6' Panel) Home Depot   Vinings Alum. Pre-Assembled Panel	01	\$112.30
04	Fence Posts + Hardware Home Depot   US Door and Fence Metal Post Home Depot   Fence Mounting Bracket (4-Pack)	01	\$76.94
05	Landscape Path Edging Lowes   Suncast Resin Edging	300'	\$180.00
06	Decomposed Granite Bee Green Recycling Supply   Blue Path Fines	1,500 sf	\$825.00
07	Pea Gravel Bee Green Recycling Supply   Pea Gravel	1,000 sf	\$380.00
08	Landscape Rocks Bee Green Recycling Supply   Moss Rock	30	\$360.00
09	Sculpture Etsy   Marsh Grasses - Metal Sculpture	01	\$95.00
10	Irrigation Lowes   Rain Bird Distribution Tubing 500' Lowes   Element Kink Free Rubber Hose Lowes   Mister Landscaper Barb-Locking Collar Lowes   Rain Bird Irrigation Dripper	260'	\$85.36
11	Plants (Front Yard)*		\$1,534.10
	Bergenia crassifolia	23	\$205.85
	Carex oshimensis 'Everillo'	50	\$100.00
	Corus alba 'Elegantissima'	02	\$60.00
	Eunonymus fortunei	05	\$7.85
	Fragaria vesca	60	\$210.00
	Fuchsia magellanica	10	\$129.50
	Heuchera purpurea	62	\$432.45
	Mahonia eurybracteata 'Soft Caress'	08	\$79.60
	Polystichum munitum	27	\$189.00
	Vaccinium angustifolium 'Top Hat'	15	\$119.85
12	Plants (Back Yard)*		\$493.51
	Agave attenuata	04	\$40.00
	Erigeron glaucus	19	\$138.51
	Guara lindheimeri 'Whirling Butterflies'	10	\$100.00
	Helianthemum 'Henfield Brilliant'	03	\$30.00
	Mahonia x media 'Arthur Menzies'	03	\$75.00
	Mahonia nervosa	10	\$80.00
	Penstemon 'Red Riding Hood'	03	\$30.00
*Plant costs are averaged from a variety of nurseries and box stores.			
TOTAL COST		\$4,922.89	

BUDGET



AERIAL VIEW | BUDGET: \$5,000

FIRE  
COMPETITION








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AERIAL VIEW  
BUDGET: \$5,000

SCALE: NTS  
ARCH D

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KEY		REMOVALS
	PATH LIGHTS	WOODEN DECK
	UP LIGHTS	ALL PLANT MATTER IN FRONT YARD AND ALONG SIDES OF HOUSE AND DRIVEWAY
	WALL LIGHTS	THIN OUT TALL TREES IN BACK YARD AND CLEAR FROM 5' ZONE AROUND FENCE
	DECORATIVE BOULDERS	NOTES
	SCULPTURE APPX. 4'-5' HIGH	FRONT BEDS AND BACK LAWN MUST BE IRRIGATED TO FORM AN IMPORTANT MOISTURE BARRIER IN 5'-30' ZONE
	0'-5' ZONE	
	5'-30' ZONE	

KEY

SYMBOL	BOTANICAL NAME	COMMON NAME	TYPE	SIZE	QUANTITY
	BERGENIA CRASSIFOLIA	BERGENIA	EV. PERENNIAL	#1	23
	CAREX OSHIMENSIS	EVERILLO CAREX	EV. CAREX	4"	50
	CORNUS ALBA 'ELEGANTISSIMA'	RED TWIG DOGWOOD	DEC. SHRUB	#2	2
	EUONOMUS FORTUNEI	CREEPING EUONOMUS	EV. GROUNDCOVER	4"	5
	FRAGARIA VESCA	BEACH STRAWBERRY	EV. GROUNDCOVER	4"	60
	FUCHSIA MAGELLANICA	FUCHSIA	DEC. SHRUB	#1	10
	HEUCHERA PURPEREA	PURPLE HEUCHERA	EV. PERENNIAL	4"	62
	MAHONIA EURYBRACTEATA	MAHONIA SOFT CARESS	EV. SHRUB	#2	8
	POLYSTICHUM MUNITUM	SWORD FERN	EV. PERENNIAL	#1	27
	VACCINIUM ANGUSTIFOLIUM	TOP HAT BLUEBERRY	EV. SHRUB	#1	15

PLANT LIST | FRONT YARD

SYMBOL	BOTANICAL NAME	COMMON NAME	TYPE	SIZE	QUANTITY
	AGAVE ATTENUATA	FOXTAIL AGAVE	EV. AGAVE	#2	4
	ERIGERON GLAUCUS	SEASIDE DAISY	EV. PERENNIAL	4"	19
	GUARA LINDHEIMERI	WHITE GUARA	DEC. PERENNIAL	#1	10
	HELANTHEMUM 'HENFIELD BRILLIANT'	ROCK ROSE	EV. GROUNDCOVER	4"	3
	MAHONIA X MEDIA 'ARTHUR MENZIES'	ARTHUR MENZIES MAHONIA	EV. SHRUB	#2	3
	MAHONIA NERVOSA	DWARF OREGON GRAPE	EV. SUB SHRUB	#1	10
	PENSTAMON 'RED RIDING HOOD'	BEARD TONGUE	DEC. PERENNIAL	#1	3

PLANT LIST | BACK YARD

MULTI USE UTILITY SPACE

EX TREES - TO BE LIMBED UP TO ALLOW FOR AT MINIMUM 15' OF CLEARANCE

BERM - APPX. 1.5' HIGH

RIVER ROCK

BERM - APPX. 1' HIGH

PRIMARY DECOMPOSED GRANITE TYPE TO VARY IN COLOR AND SIZE FROM SECONDARY FOR CONTRAST

BERM - APPX. 6" HIGH

EX LAWN TO BE RESHAPED AND IRRIGATED

CAPPED GABION SEATING WALL

NEW PLANTING BED, BERM WITH REMNANT SOIL AFTER PATH EXCAVATION - IRRIGATION ONLY REQUIRED TO ESTABLISH

DECOMPOSED GRANITE TO REPLACE WOODEN DECK, WILL REQUIRE STEP TO HOUSE

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EX. WOODEN FENCE

METAL GATE

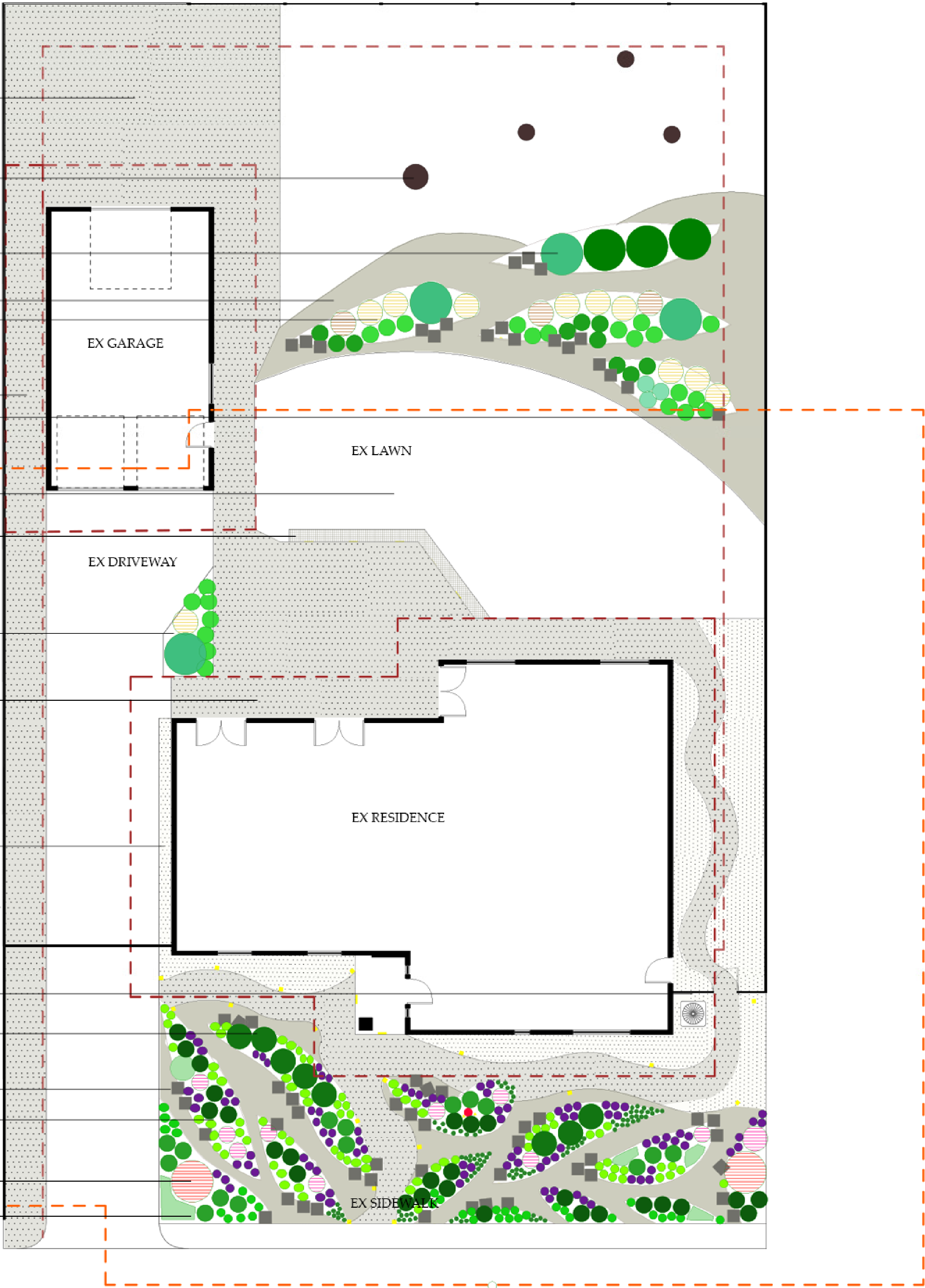
BERMS NEAR HOUSE APPROX 1.5' AT HIGHEST

PEA GRAVEL AND DECORATIVE BOULDERS BETWEEN BERMS

MID BERMS APPROX 1' HIGH

BERMS NEAREST SIDEWALK APPROX. 6" HIGH

FRONT YARD BERMS TO BE IRRIGATED





##	ITEM	QTY	COST
01	Driveway Gate <small>Lowes   Freedom Black Alum. Driveway Gate</small>	01	\$950.56
02	Driveway Gate Opener <small>Topens   Solar Driveway Gate Opener`</small>	01	\$569.99
03	Metal Fence Gate <small>Home Depot   US Door &amp; Fence Steel Fence Gate</small>	01	\$181.70
04	Metal Fence (6' Panel) <small>Home Depot   Vinings Alum. Pre-Assembled Panel</small>	01	\$112.30
05	Fence Posts + Hardware <small>Home Depot   US Door and Fence Metal Post Home Depot   Fence Mounting Bracket (4-Pack)</small>	02	\$76.94
06	Landscape Path Edging <small>Lowes   Ironridge Black Steel Edging</small>	300'	\$234.00
07	Gabion Cage + Rock <small>Home Depot   Gabion Basket Galvanized Steel Bee Green Recycling Supply   Cobbles 4"-8"</small>	02	\$899.70
08	Gabion Seat Concrete <small>Lowes   High Strength Concrete Mix 80-lb</small>	04	\$22.92
09	Decomposed Granite <small>Bee Green Recyling Supply   Blue Path Fines</small>	1,500 sf	\$825.00
10	Cobble Stones <small>Bee Green Recycling Supply   Cobbles 2"-4"</small>	1,800 sf	\$1,962.00
11	Landscape Rocks <small>Bee Green Recycling Supply   Moss Rock</small>	60	\$720.00
12	Sculpture <small>Etsy   Marsh Grasses - Metal Sculpture</small>	01	\$95.00
13	Irrigation <small>Lowes   Rain Bird Distribution Tubing 500' Lowes   Element Kink Free Rubber Hose Lowes   Mister Landscaper Barb-Locking Collar Lowes   Rain Bird Irrigation Dripper</small>	368'	\$126.06
14	Plants (Front Yard)*		\$2,273.30
	<i>Bergenia crassifolia</i>	38	\$340.10
	<i>Carex oshimensis</i> 'Everillo'	93	\$186.00
	<i>Corus alba</i> 'Elegantissima'	02	\$60.00
	<i>Eunonymus fortunei</i>	05	\$7.85
	<i>Fragaria vesca</i>	87	\$304.50
	<i>Fuchsia magellanica</i>	10	\$129.50
	<i>Heuchera purpurea</i>	100	\$697.50
	<i>Mahonia eurybracteata</i> 'Soft Caress'	08	\$232.00
	<i>Polystichum munitum</i>	28	\$196.00
	<i>Vaccinium angustifolium</i> 'Top Hat'	15	\$119.85
15	Plants (Back Yard)*		\$493.51
	<i>Agave attenuata</i>	04	\$40.00
	<i>Erigeron glaucus</i>	19	\$138.51
	<i>Guara lindheimeri</i> 'Whirling Butterflies'	10	\$100.00
	<i>Helianthemum</i> 'Henfield Brilliant'	03	\$30.00
	<i>Mahonia x media</i> 'Arthur Menzies'	03	\$75.00
	<i>Mahonia nervosa</i>	10	\$80.00
	<i>Penstamon</i> 'Red Riding Hood'	03	\$30.00
*Plant costs are averaged from a variety of nurseries and box stores.			
TOTAL COST		\$9,542.98	

BUDGET



AERIAL VIEW | BUDGET: \$10,000

FIRE  
COMPETITION








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INSURANCE

AERIAL VIEW  
BUDGET \$10,000

SCALE: NTS  
ARCH D

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KEY		REMOVALS
	PATH LIGHTS	WOODEN DECK
	UP LIGHTS	
	WALL LIGHTS	
	DECORATIVE BOULDERS	NOTES
	SCULPTURE APPX. 4'-5' HIGH	
	0'-5' ZONE	
	5'-30' ZONE	

KEY

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<div></div>	FRAGARIA VESCA	BEACH STRAWBERRY	EV. GROUND COVER	4"	60
<div></div>	FUCHSIA MAGELLANICA	FUCHSIA	DEC. SHRUB	#1	10
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PLANT LIST | FRONT YARD

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<div></div>	MAHONIA NERVOSA	DWARF OREGON GRAPE	EV. SUB SHRUB	#1	10
<div></div>	PENSTAMON 'RED RIDING HOOD'	BEARD TONGUE	DEC. PERENNIAL	#1	3

PLANT LIST | BACK YARD

MULTI USE UTILITY SPACE

EX TREES - TO BE LIMBED UP TO ALLOW FOR AT MINIMUM 15' OF CLEARANCE

BERM - APPX. 1.5' HIGH

RIVER ROCK  
BERM - APPX. 1' HIGH

PRIMARY DECOMPOSED GRANITE TYPE TO VARY IN COLOR AND SIZE FROM SECONDARY FOR CONTRAST  
BERM - APPX. 6" HIGH

EX LAWN TO BE RESHAPED AND IRRIGATED

CAPPED GABION SEATING WALL

NEW PLANTING BED, BERM WITH REMNANT SOIL AFTER PATH EXCAVATION - IRRIGATION ONLY REQUIRED TO ESTABLISH

PAVERS TO REPLACE WOODEN DECK, WILL REQUIRE STEP TO HOUSE

SECONDARY DECOMPOSED GRANITE TYPE TO VARY IN COLOR AND SIZE FROM PRIMARY FOR CONTRAST

EX. WOODEN FENCE

METAL GATE

NATURAL STONE PAVERS

BERMS NEAR HOUSE APPROX 1.5' AT HIGHEST

PEA GRAVEL AND DECORATIVE BOULDERS BETWEEN BERMS

MID BERMS APPROX 1' HIGH

BERMS NEAREST SIDEWALK APPROX. 6" HIGH  
FRONT YARD BERMS TO BE IRRIGATED









FIRE  
COMPETITION

UC BERKELEY  
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PERSPECTIVE VIEW AT NIGHT | BUDGET: UNLIMITED

STREET VIEW  
PERSPECTIVE  
BUDGET:  
UNLIMITED

SCALE: NTS  
ARCH D