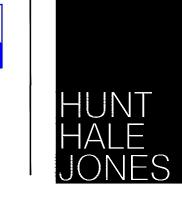


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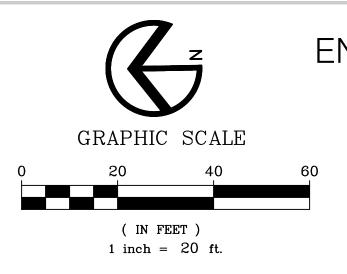


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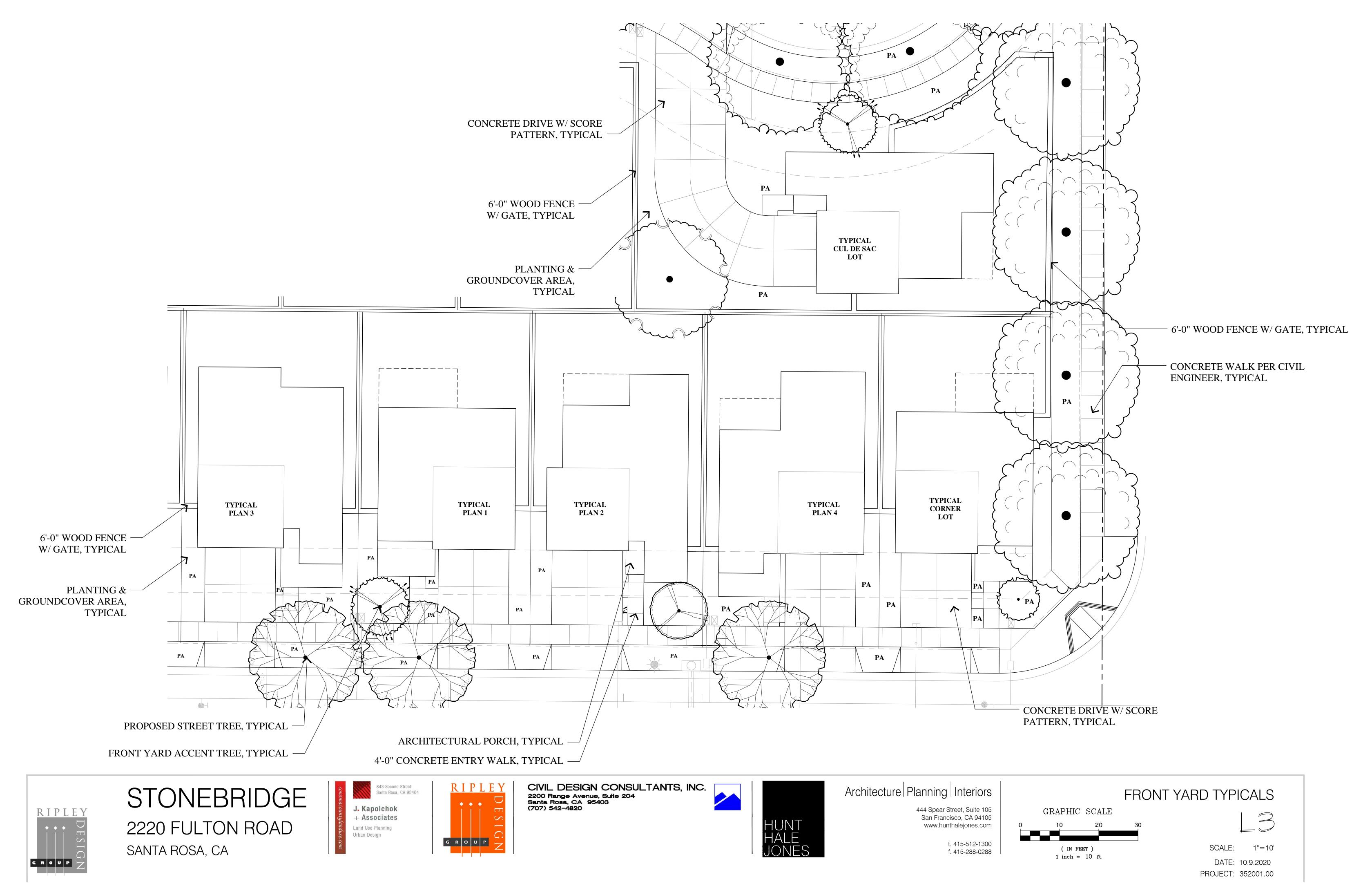


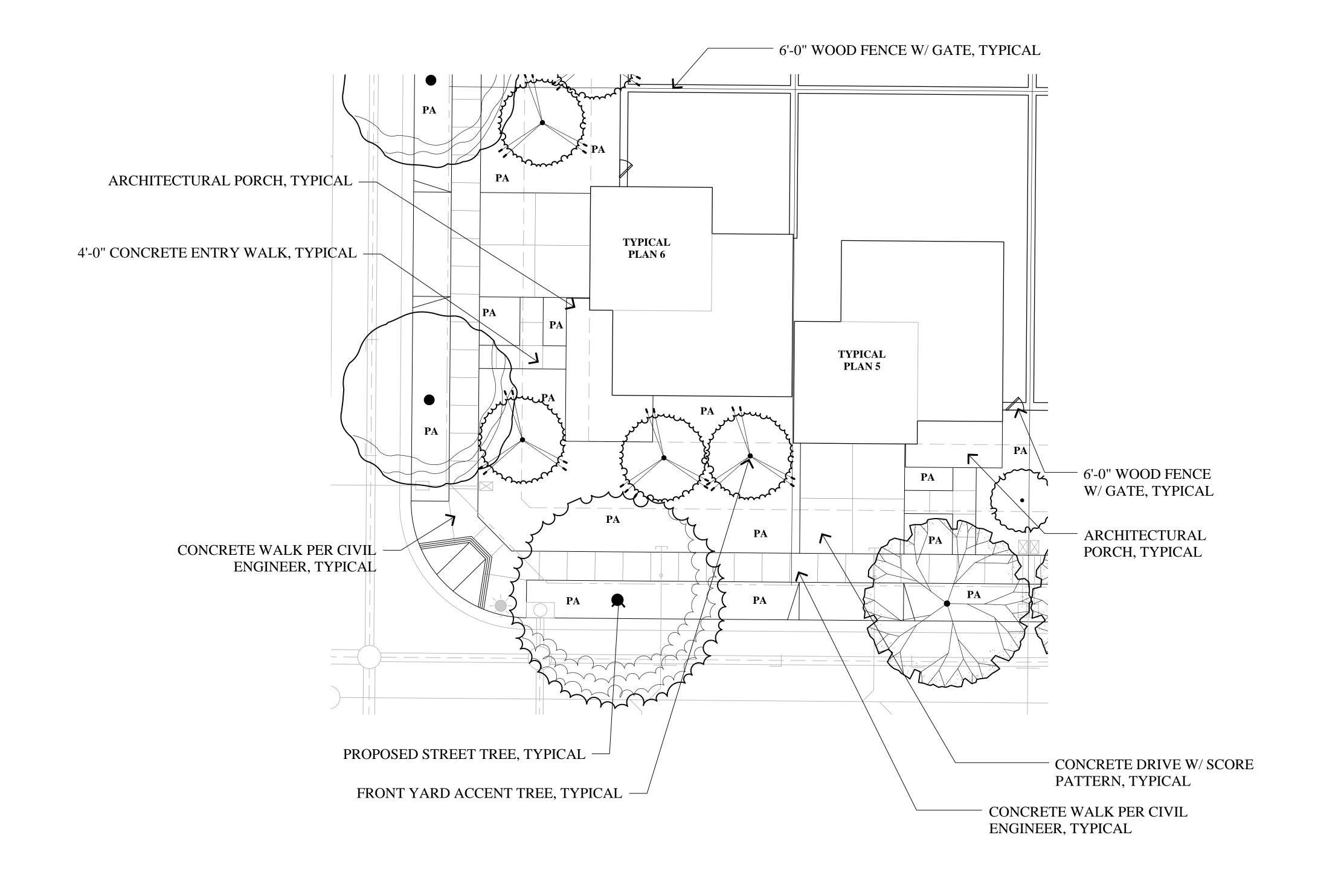
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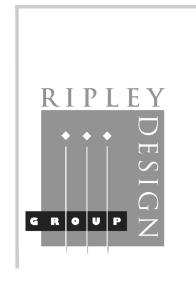
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RIPLEY

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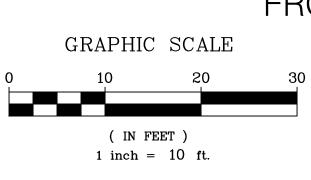




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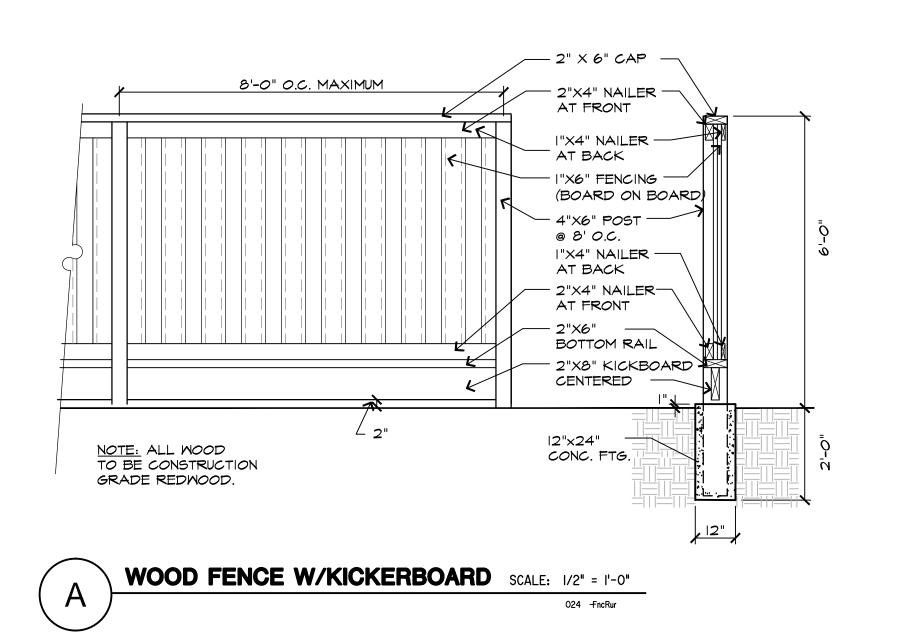
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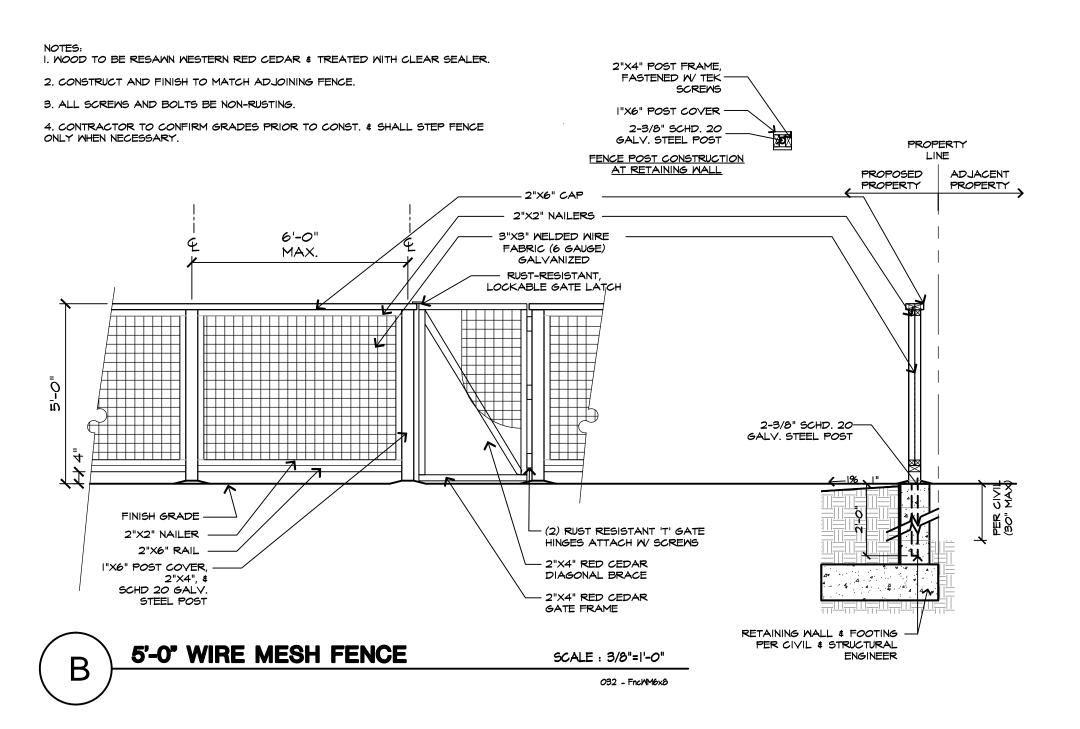
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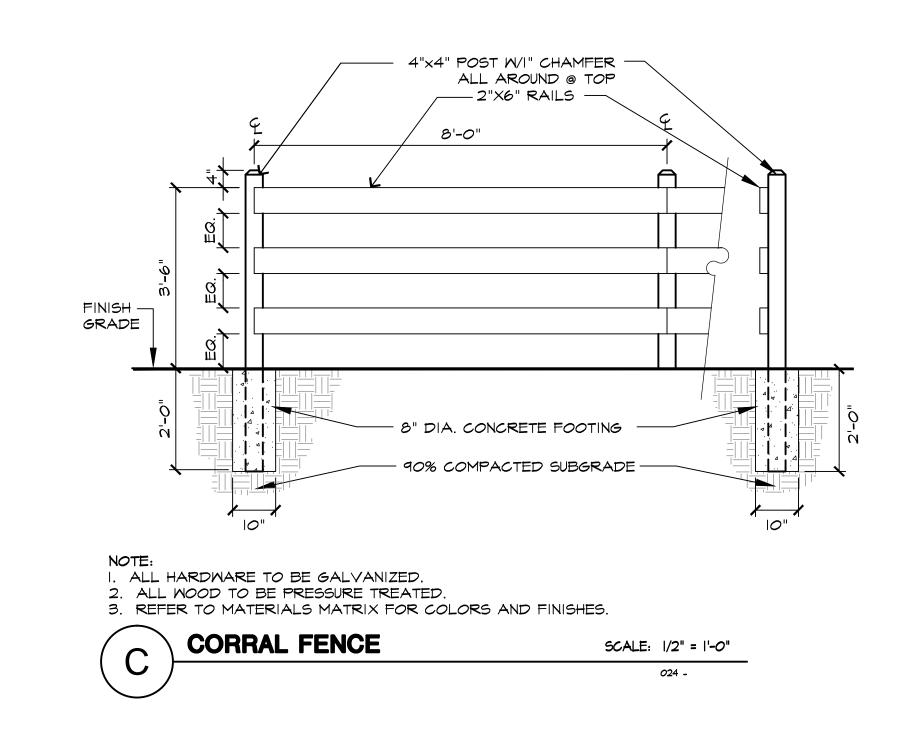


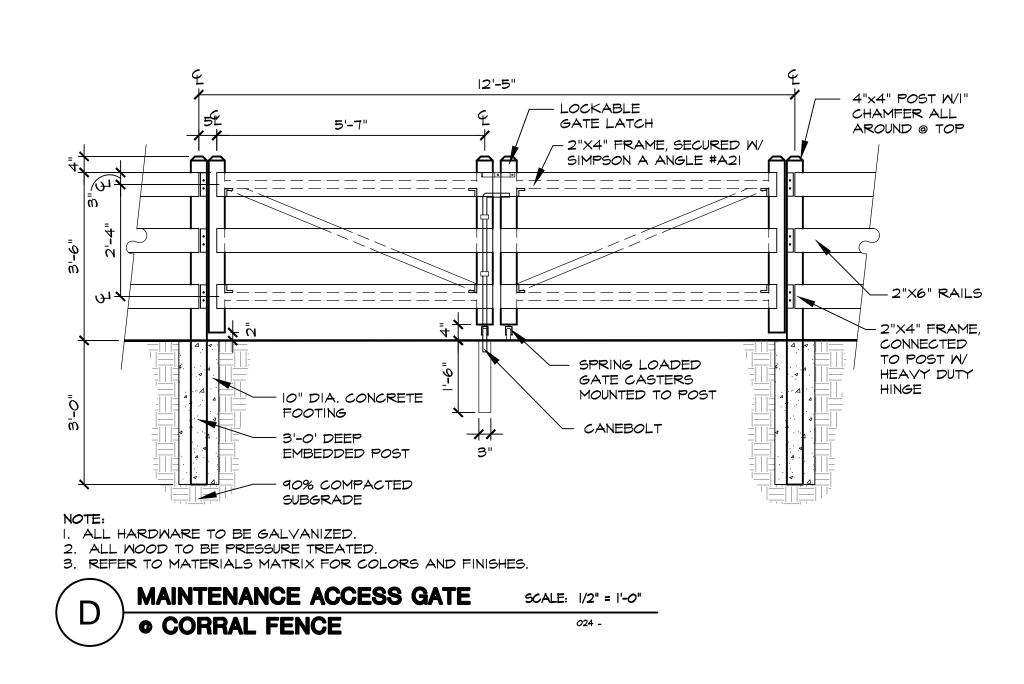
FRONT YARD TYPICALS

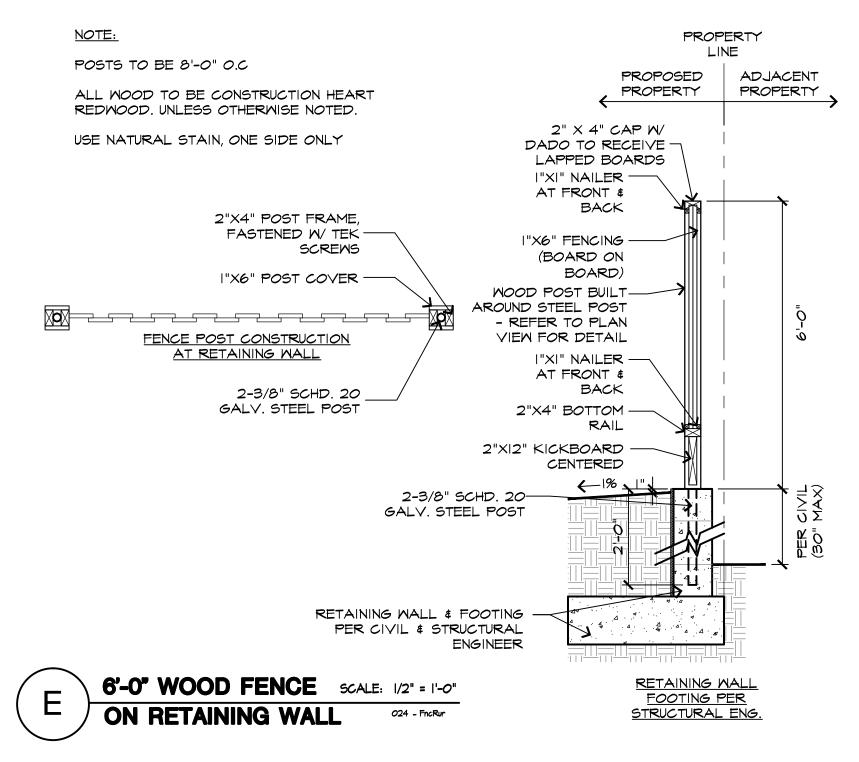
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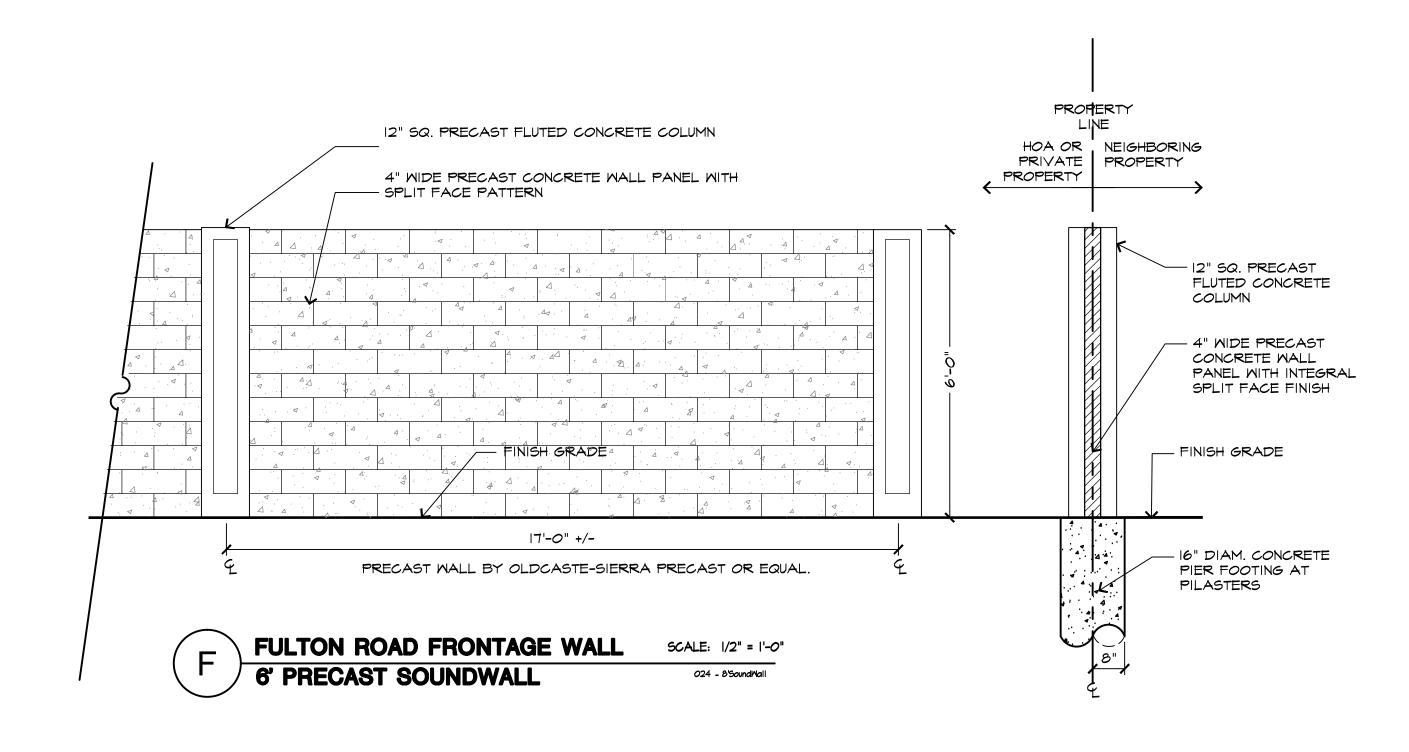


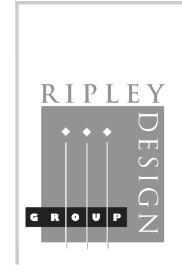






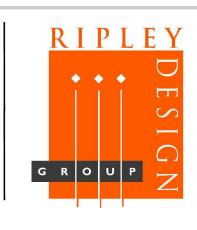






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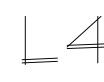


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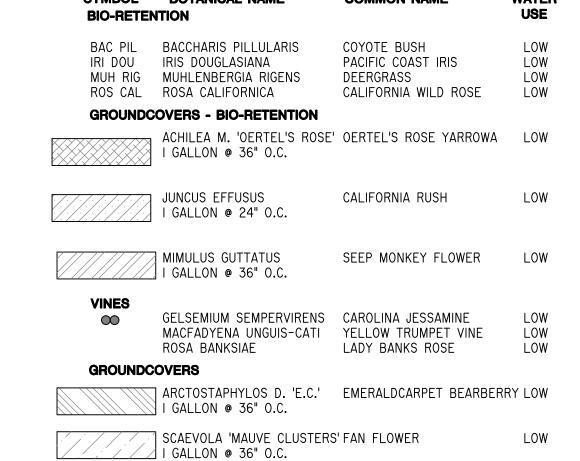
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PRELIMINARY SITE DETAILS

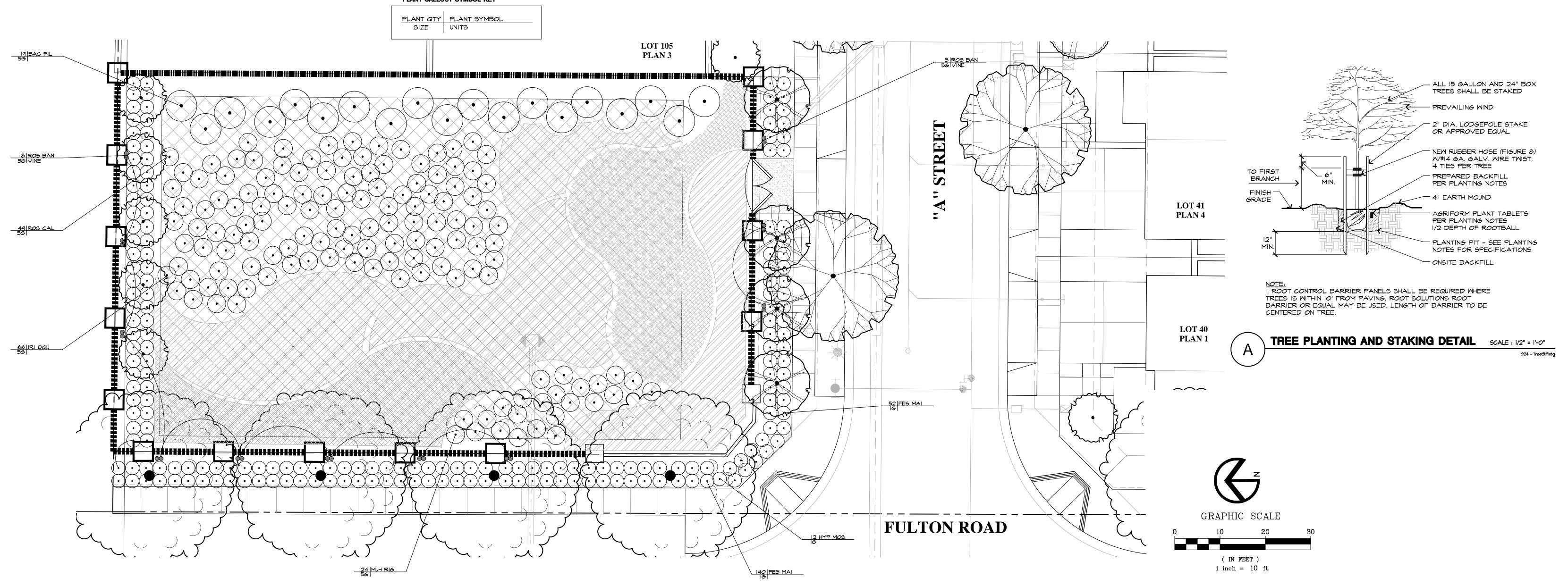


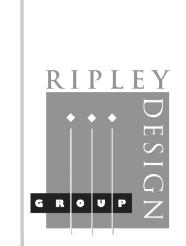
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PRELIMINARY PLANT LEGEND PRELIMINARY TREE PALETTE **BOTANICAL NAME** COMMON NAME HEIGHT / SPREAD **BOTANICAL NAME COMMON NAME** WATER SYMBOL **BOTANICAL NAME** COMMON NAME SYMBOL BOTANICAL NAME COMMON NAME WATER USE SHRUBS (CONT) **BIO-RETENTION** SHRUBS STREET TREES ANIGOZANTHOS 'BUSH PEARL' ANI 'B.P.' DWARF PINK KANGAROO PAW LOW LIG 'TEX' LIGUSTRUM J. 'TEXANUM' JAPANESE PRIVET MEDIUM COYOTE BUSH BAC PIL BACCHARIS PILLULARIS ARBUTUS U. 'COMPACTA' COMPACT STRAWNERRY TREE LOW ACER F. 'A.B.' AUTUMN BLAZE MAPLE 50'/40" MEDIUM ARB COM I5 GALLON LIM 'PER' LIMONIUM 'PEREZII' SEA LAVENDER IRI DOU IRIS DOUGLASIANA PACIFIC COAST IRIS LOW ARCTOSTAPHYLOS 'HOWARD MCMINN' MANZANITA LOROPETALUM CHINENSE LOR CHI CHINESE FRINGEFLOWER LOW MUH RIG MUHLENBERGIA RIGENS DEERGRASS LOW DWARF BARBERRY BER 'C.P.' BERBERIS 'CRIMSON PYGMY' LOR 'C.F. LOROPETALUM 'CRIMSON FIRE' CRIMSON FIRE FRINGFLOWER LOW CALIFORNIA WILD ROSE ROS CAL ROSA CALIFORNICA LOW CELTIS AUSTRALIS EUROPEAN HACKBERRY 40'/30' I5 GALLON MEDIUM BUDDLEJA DAVIDII BUTTERFLY BUSH LOW BUD 'DAV' LOROPETALUM C. 'RAZZLEBERRI' RED FRINGEFLOWER DWARF BUTTERFLY BUSH **GROUNDCOVERS - BIO-RETENTION** BUDDLEJA 'DWARF LOW BUD 'DWA' MUH RIG MUHLENBERGIA RIGENS DEER GRASS CAREX DIPSACEA AUTUMN SEDGE MYR 'COM' MYRTUS C. 'COMPACTA' ACHILEA M. 'OERTEL'S ROSE' OERTEL'S ROSE YARROWA LOW 40'/40' DWARF MYRTLE FRAXINUS H.'MORAINE' MORAINE ASH I5 GALLON MEDIUM CAR 'TUM' CAREX 'TUMULICOLA' BERKELEY SEDGE LOW NANDINA D. 'COMPACTA' NAN 'COM' DWARF HEAVENLY BAMBOO LOW I GALLON @ 36" O.C. CHONDROPETALUM TECTORUM CHO TEC CAPE RUSH LOW NANDINA D. 'HARBOUR DWARF' NAN 'H.D. HARBOUR DWARF BAMBOO LOW LAURUS N. 'SARATOGA SWEET BAY 30'/30' CIS HYB CISTUS HYBRIDUS ROCKROSE 15 GALLON LOW NEP FAA NEPETA FAASSENII CATMINT CIS 'SKA' CISTIS 'SKAANBERGII' ROCKROSE OLEA E. 'LITTLE OLLIE' DWARF OLIVE CALIFORNIA RUSH OLE 'L.O.' LOW LOW JUNCUS EFFUSUS COL PUL COLEONEMA PULCHRUM BREATH-OF-HEAVEN LOW PHO 'D.D.' PHORMIUM 'PLATTS BLACK' NEW ZEALAND FLAX LOW I GALLON @ 24" O.C. MAGNOLIA G. 'S.S.' SOUTHERN MAGNOLIA 30'-40'/30' 15 GALLON MEDIUM COLEONEMA P. 'SUNSET GOLD' GOLDEN BREATH-OF-HEAVEN LOW COL 'S.G.' PHORMIUM 'JACK SPRATT' PHO 'J.S.' NEW ZEALAND FLAX LOW DAP ODO DAPHNEAODORA DAPHNE PHO 'M.M.' PHORMIUM T. 'MAORI MAIDEN' NEW ZEALAND FLAX LOW DIETES BICOLOR FORTNIGHT LILY LOW PHO 'RED' PHORMIUM 'DWARF RED' NEW ZEALAND FLAX LOW SEEP MONKEY FLOWER LOW PISTACHIA CHINENSIS MIMULUS GUTTATUS CHINESE PISTACHE 30'-60'/30'-60' 15 GALLON LOW DIETES IRIDIODES FORTNIGHT LILY LOW LOW PHO 'Y.W.' PHORMIUM 'YELLOW WAVE' NEW ZEALAND FLAX 🛾 I GALLON @ 36" O.C. ROUTE 66 FUSCHIA EPI 'R66' EPILOBIUM CANUM 'ROUTE 66' LOW PIT 'W.D.' PITTOSPORUM 'WHEELER'S DWARF' DWARF TOBIRA LOW SANTA BARBARA DAISY QUERCUS SUBER CORK OAK ERI KAR ERIGERON KARVINSKIANUS LOW 30'-60'/30'-60' 15 GALLON LOW PRU 'B&T PRUNUS 'BRIGHT & TIGHT' BRIGHT & TIGHT LAUREL LOW BOXLEAF EUONYMUS EUONYMUS J. 'MICROPHYLLUS' LOW RHA 'BAL' RHAPHIOLEPIS I. 'BALLERINA' INDIA HAWTHORN LOW GELSEMIUM SEMPERVIRENS CAROLINA JESSAMINE EUR 'MUN' EURYOPS P. 'MUNCHKIN' DWARF EURYOPS RHA 'W.E. INDIA HAWTHORN MACFADYENA UNGUIS-CATI YELLOW TRUMPET VINE RHAPHIOLEPIS I. 'WHITE ENCHANTRESS' LOW LOW LOW FEI SEL FEIJOA SELLOWIANA PINEAPPLE GUAVA ROS 'C.B.' ROSA 'CECILE BRUNNER' CECILE BRUNNER ROSE LOW ROSA BANKSIAE LADY BANKS ROSE LOW FES 'MAI' FESTUCA 'MAIREII' GREEN FESCUE FRONT YARD ACCENT TREES ROS 'C.I.' ROSMARINUS 'COLLINGWOOD INGRAM' ROSEMARY **GROUNDCOVERS** GRE 'NOE' GREVILLEA 'NOELLII' WOOLY GREVILLEA LOW ROS 'T.B.' ROSEMARY 'TUSCAN BLUE' ROSEMARY HEL SEM HELICTOTRICHON SEMPERVIRENS BLUE OAT GRASS LOW SALVIA 'LIME LIGHT' SAL 'L.L. LIME LIGHT SAGE LOW ARCTOSTAPHYLOS D. 'E.C.' EMERALDCARPET BEARBERRY LOW CERCIS OCCIDENTALIS WESTERN REDBUD 15 GALLON LOW LOW HYP MOS MYPERICUM MOSERIANUM HYPERICUM LOW SOL HET SOLLYA HETEROPHYLLA BLUEBELL CREEPER | I GALLON @ 36" O.C. JUN PAT JUNCUS PATENS CALIFORNIA RUSH LOW STA BYZ STACHYS BYZANTINA LAMB'S EAR LOW KNI 'P.P.' KNIFOPHIA 'PINEAPPLE POPSCICLE' DWARF YELLOW POKER LOW SYR VUL SYRINGA VULGARIS COMMON LILAC LOW SCAEVOLA 'MAUVE CLUSTERS' FAN FLOWER LAGERSTROEMIA I. 'ZUNI' PURPLE CRAPE MYRTLE 15 GALLON LOW LAN MON LANTANA MONTEVIDENSIS TRAILING LANTANA TULBHAGIA VIOLACEA SOCIETY GARLIC TUL VIO LOW I GALLON @ 36" O.C. LAVATERA MARITIMA TREE MALLOW LOW LAV MAR XYL 'COM' XYLOSMA C. 'COMPACTA' COMPACT XYLOSMA LOW LAVANDULA A. 'MUNSTEAD' LOW PRUNUS C. 'KRAUTER VESUVIUS'PURPLE-LEAF PLUM LAV 'MUN' ENGLISH LAVANDER 15 GALLON LOW SENECIO MANDRALISCAE BLUE CHALK STICKS I GALLON @ 36" O.C. PLANT CALLOUT SYMBOL KEY PLANT QTY PLANT SYMBOL



- ALL TREES SHALL BE PLANTED AND STAKED PER CITY STANDARDS.
- 2. TREES TO BE PLANTED WITHIN 3' OF HARDSCAPE ELEMENTS, SHALL HAVE A LINEAR ROOT BARRIER INSTALLED ADJACENT TO THE HARDSCAPE ELEMENT AT TIME OF TREE PLANTING.
- LANDSCAPE AND IRRIGATION SHALL COMPLY WITH CITY'S CURRENT WATER-EFFICIENT LANDSCAPE ORDINANCE.
- 4. ALL PLANTING AREAS SHALL BE AUTOMATICALLY IRRIGATED PER CITY STANDARDS. USING LOW-FLOW
- SPRAY, BUBBLERS OR DRIP METHODS. LOW 5. ALL PLANTING AREAS SHALL BE MULCHED TO A MINIMUM DEPTH OF 3".





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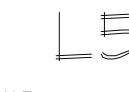


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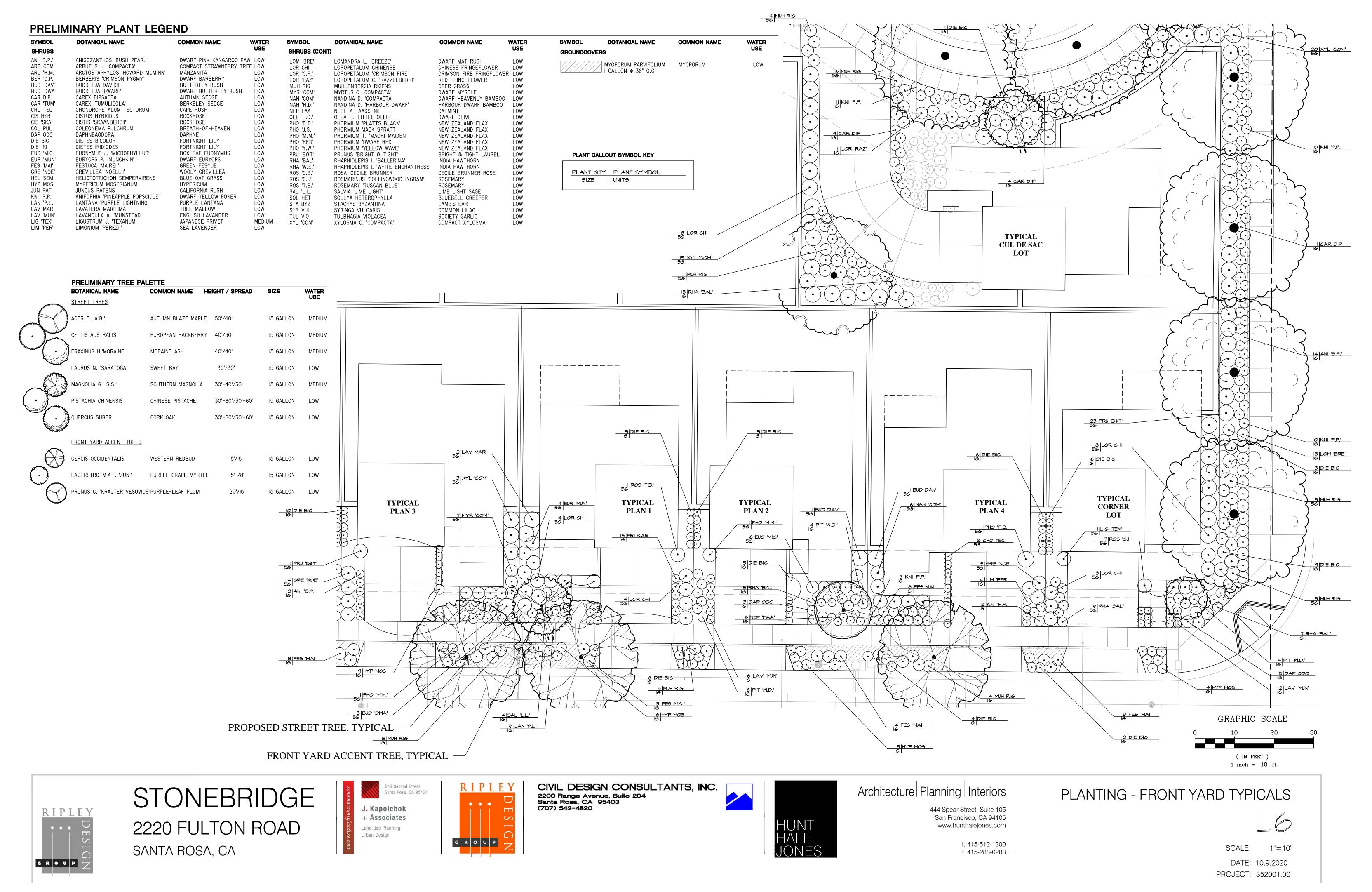
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BIO-RETENTION & ENTRY PLANTING



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DDEI IMINIADY DI ANT I ECENID

MUHLENBERGIA RIGENS

MYRTUS C. 'COMPACTA'

NANDINA D. 'COMPACTA'

MYR 'COM'

NAN 'COM'

DEER GRASS

DWARF MYRTLE

DWARF HEAVENLY BAMBOO

SYMBOL	BOTANICAL NAME	COMMON NAME	WATER	SYMBOL	BOTANICAL NAME	COMMON NAME	WATER
SHRUBS			USE	SHRUBS (COI	NT)		USE
ANI 'B.P.'	ANIGOZANTHOS 'BUSH PEARL'	DWARF PINK KANGAROO PAW	LOW	NAN 'H.D.'	NANDINA D. 'HARBOUR DWARF'	HARBOUR DWARF BAMBOO	LOW
BUD 'DAV'	BUDDLEJA DAVIDII	BUTTERFLY BUSH	LOW	NEP FAA	NEPETA FAASSENII	CATMINT	LOW
BUD 'P.H.'	BUDDLEJA 'PURPLE HAZE'	PURPLE HAZE BUTTERFLYBUSH	LOW	OLE 'L.O.'	OLEA E. 'LITTLE OLLIE'	DWARF OLIVE	LOW
CAR DIP	CAREX DIPSACEA	AUTUMN SEDGE	LOW	PHO 'D.D.'	PHORMIUM 'PLATTS BLACK'	NEW ZEALAND FLAX	LOW
CHO TEC	CHONDROPETALUM TECTORUM	CAPE RUSH	LOW	PHO 'J.S.'	PHORMIUM 'JACK SPRATT'	NEW ZEALAND FLAX	LOW
CIS HYB	CISTUS HYBRIDUS	ROCKROSE	LOW	PHO 'M.M.'	PHORMIUM T. 'MAORI MAIDEN'	NEW ZEALAND FLAX	LOW
CIS 'SKA'	CISTIS 'SKAANBERGII'	ROCKROSE	LOW	PHO 'S.J.'	PHORMIUM 'SEA JADE'	NEW ZEALAND FLAX	LOW
COL PUL	COLEONEMA PULCHRUM	BREATH-OF-HEAVEN	LOW	PHO 'TON'	PHORMIUM 'TONY TINY'	NEW ZEALAND FLAX	LOW
DIE IRI	DIETES IRIDIODES	FORTNIGHT LILY	LOW	PHO 'Y.W.'	PHORMIUM 'YELLOW WAVE'	NEW ZEALAND FLAX	LOW
EUO 'MIC'	EUONYMUS J. 'MICROPHYLLUS'	BOXLEAF EUONYMUS	LOW	PHO 'W.G.'	PHORMIUM 'WINGS OF GOLD'	NEW AEALAND FLAX	LOW
EUR 'MUN'	EURYOPS P. 'MUNCHKIN'	DWARF EURYOPS	LOW	PIT 'W.D.'	PITTOSPORUM 'WHEELER'S DWARF'	DWARF TOBIRA	LOW
FEI SEL	FEIJOA SELLOWIANA	PINEAPPLE GUAVA	LOW	PRU 'B&T'	PRUNUS 'BRIGHT & TIGHT'	BRIGHT & TIGHT LAUREL	LOW
FES 'MAI'	FESTUCA 'MAIREII'	GREEN FESCUE	LOW	RHA 'BAL'	RHAPHIOLEPIS I. 'BALLERINA'	INDIA HAWTHORN	LOW
GRE 'NOE'	GREVILLEA 'NOELLII'	WOOLY GREVILLEA	LOW	RHA 'W.E.'	RHAPHIOLEPIS I. 'WHITE ENCHANTRESS'	INDIA HAWTHORN	LOW
HEL SEM	HELICTOTRICHON SEMPERVIRENS	BLUE OAT GRASS	LOW	ROS 'C.B.'	ROSA 'CECILE BRUNNER'	CECILE BRUNNER ROSE	LOW
HYP MOS	MYPERICUM MOSERIANUM	HYPERICUM	LOW	ROS 'C.I.'	ROSMARINUS 'COLLINGWOOD INGRAM'	ROSEMARY	LOW
KNI 'P.P.'	KNIFOPHIA 'PINEAPPLE POPSCICLE'	DWARF YELLOW POKER	LOW	ROS 'T.B.'	ROSEMARY 'TUSCAN BLUE'	ROSEMARY	LOW
LAN 'CON'	LANTANA 'CONFETTI'	CONFETTI LANTANA	LOW	SAL 'L.L.'	SALVIA 'LIME LIGHT'	LIME LIGHT SAGE	LOW
LAV MAR	LAVATERA MARITIMA	TREE MALLOW	LOW	SOL HET	SOLLYA HETEROPHYLLA	BLUEBELL CREEPER	LOW
LIG 'TEX'	LIGUSTRUM J. 'TEXANUM'	JAPANESE PRIVET	MEDIUM	STA BYZ	STACHYS BYZANTINA	LAMB'S EAR	LOW
LIM 'PER'	LIMONIUM 'PEREZII'	SEA LAVENDER	LOW	SYR VUL	SYRINGA VULGARIS	COMMON LILAC	LOW
LOR CHI	LOROPETALUM CHINENSE	CHINESE FRINGEFLOWER	LOW	TUL VIO	TULBHAGIA VIOLACEA	SOCIETY GARLIC	LOW
LOR 'C.F.'	LOROPETALUM 'CRIMSON FIRE'	CRIMSON FIRE FRINGFLOWER	LOW	XYL 'COM'	XYLOSMA C. 'COMPACTA'	COMPACT XYLOSMA	LOW
LOR 'RAZ'	LOROPETALUM C. 'RAZZLEBERRI'	RED FRINGEFLOWER	LOW				
LOR 'S.P.'	LOROPETALUM 'SIZZLING PINK'	PINK FRINGEFLOWER	LOW				
MIII DIO	MULLI ENDEDOLA DIOENO	DEED 00400	1.014				

LOW

LOW

LOW

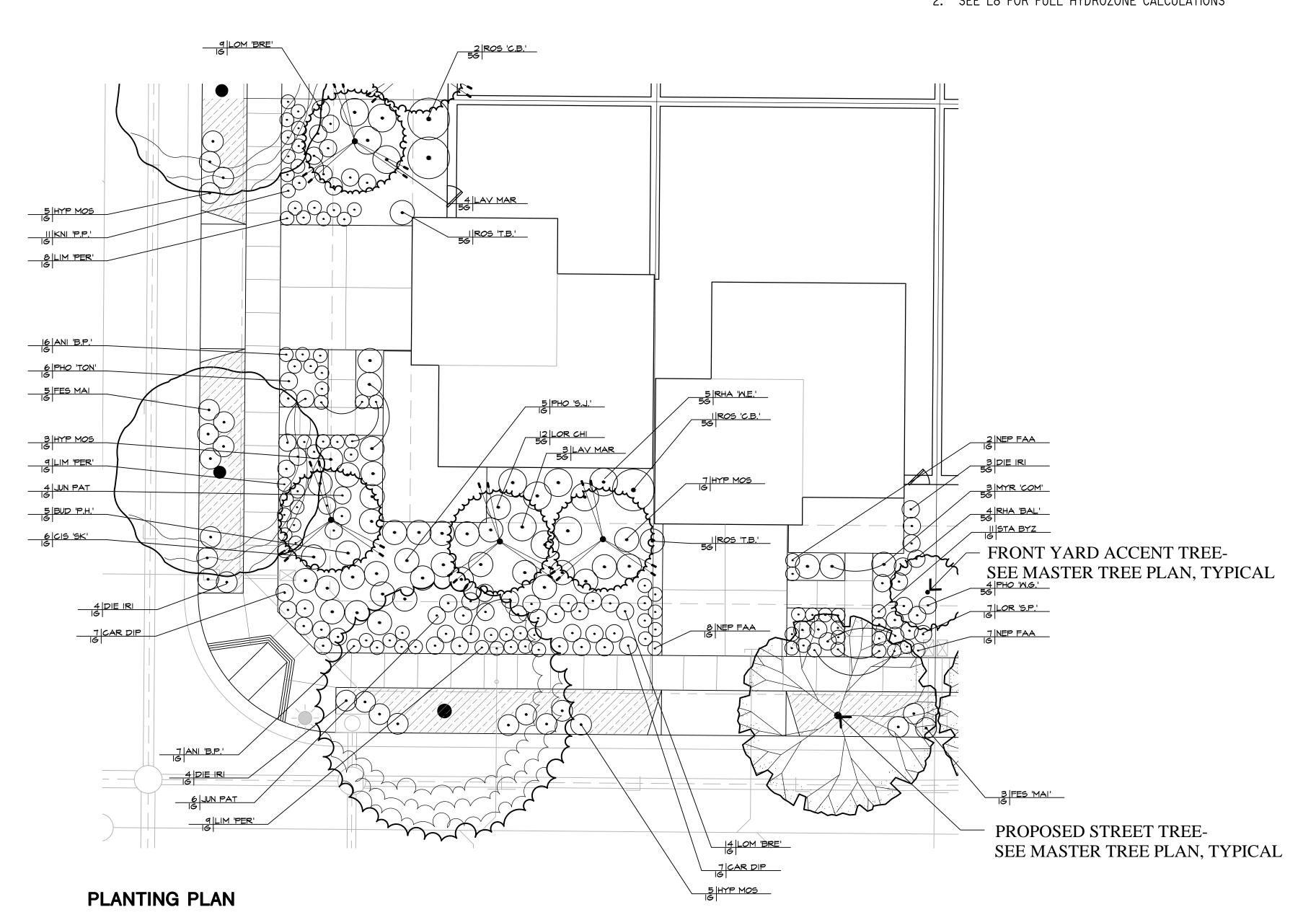
BOTANICAL NAME SYMBOL **GROUNDCOVERS**

MYOPORUM PARVIFOLIUM MYOPORUM LOW I GALLON ● 36" O.C.

PLANT CALLOUT SYMBOL KEY

PLANT QTY	PLANT SYMBOL
SIZE	UNITS

I. SEE L6 FOR PRELIMINARY TREE PALETTE 2. SEE L8 FOR FULL HYDROZONE CALCULATIONS



LANDSCAPE HYDROZONE LEGEND



PARTIAL TO FULL SUN, 80% MINIMUM DROUGHT TOLERANT PLANTING, AND UP TO 20% MEDIUM WATER USE PLANTING WITH DRIP EMITTERS.

LOW WATER USE STREET TREES AND ACCENT TREES WITH INDIVIDUAL

BUBBLERS (NOT SHOWN)



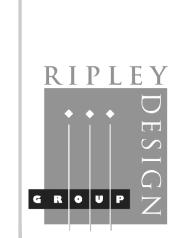
MEDIUM WATER USE STREET TREES AND ACCENT TREES WITH INDIVIDUAL BUBBLERS (NOT SHOWN)

MEDIUM WATER USE SHRUB PLANTING AREAS SHALL NOT EXCEED 20% OF TOTAL LANDSCAPED AREA. SEPARATE VALVES TO BE USED FOR MEDIUM WATER USE SHRUBS.

HYDROZONE INFORMATION TABLE - CORNER

HYDROZONE (WATER USE)	ZONE/ VALVE	IRRIG. METHOD	AREA	% OF LANDSCAPE AREA
LOW	G-I	DRIP	2,877 SF	97%
LOW	G-2	BUBBLER	56 SF	2%
MED	G-3	BUBBLER	7 SF	1%
		TOTAL	2,940 SF	100%

HYDROZONE PLAN



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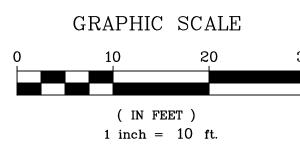




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PLANTING - FRONT YARD TYPICALS



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CRAFTSMAN - ELEVATION A - SIGNATURE PLANTS

CHAFI	CRAFISMAN - ELEVATION A - SIGNATURE PLAN						
SYMBOL SHRUBS	BOTANICAL NAME	COMMON NAME	WATER USE				
CHO TEC GRE 'NOE' HEL SEM JUN PAT KNI 'P.P.' LIM PER NAN 'H.D.' PHO 'P.B.' PHO 'Y.W.' STA BYZ	CHONDROPETALUM TECTORUM GREVILLEA 'NOELLII' HELICTOTRICHON SEMPERVIRENS JUNCUS PATENS KNIFOPHIA 'PINEAPPLE POPSCICLE' LIMONIUM PEREZII NANDINA D. 'HARBOUR DWARF' PHORMIUM 'PLATTS BLACK' PHORMIUM 'YELLOW WAVE' STACHYS BYZANTINA	CAPE RUSH WOOLY GREVILLEA BLUE OAT GRASS CALIFORNIA RUSH DWARF YELLOW POKER SEA LAVENDER HARBOUR DWARF BAMBOO NEW ZEALAND FLAX NEW ZEALAND FLAX LAMB'S EAR	LOW				

FARMHOUSE - ELEVATION B - SIGNATURE PLANTING

SYMBOL SHRUBS	BOTANICAL NAME	COMMON NAME	WATEF USE
NNI 'B.P.' ERI KAR HYP MOS LAN MON LAV MAR LOR 'C.F.' ROS 'T.B.'	ANIGOZANTHOS 'BUSH PEARL' ERIGERON KARVINSKIANUS MYPERICUM MOSERIANUM LANTANA MONTEVIDENSIS LAVATERA MARITIMA LOROPETALUM 'CRIMSON FIRE' ROSEMARY 'TUSCAN BLUE' SALVIA 'LIME LIGHT'	DWARF PINK KANGAROO PAW SANTA BARBARA DAISY HYPERICUM TRAILING LANTANA TREE MALLOW CRIMSON FIRE FRINGFLOWER ROSEMARY LIME LIGHT SAGE	LOW LOW LOW

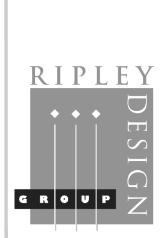
TRADITIONAL - ELEVATION C - SIGNATURE PLANTING

SYMBOL SHRUBS	BOTANICAL NAME	COMMON NAME	WAT US
BUD 'DAV' DAP ODO EUO 'MIC' LAV 'MUN' LIG 'TEX' PIT 'W.D.' RHA 'BAL' ROS 'C.B.' SYR VUL	BUDDLEJA 'DAVIDII' DAPHNEA ODORA EUONYMUS J. 'MICROPHYLLUS' LAVANDULA A. 'MUNSTEAD' LIGUSTRUM J. 'TEXANUM' PITTOSPORUM 'WHEELER'S DWARF' RHAPHIOLEPIS I. 'BALLERINA' ROSA 'CECILE BRUNNER' SYRINGA VULGARIS	BUTTERFLY BUSH DAPHNE BOXLEAF EUONYMUS ENGLISH LAVANDER JAPANESE PRIVET DWARF TOBIRA INDIA HAWTHORN CECILE BRUNNER ROSE COMMON LILAC	L0' L0' L0' L0' L0' L0' L0'









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PLANTING IMAGES



SCALE: NTS

DATE: 10.9.2020

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CONCEPTUAL LANDSCAPE STATEMENT

REGIONAL AND MICRO-CLIMATE CONDITIONS, SOLAR ORIENTATION AND SOIL CONDITIONS WILL BE TAKEN INTO ACCOUNT WITH REGARDS TO PLANT SELECTION AND PLACEMENT. THE PLANT PALETTE PROVIDES MANY PLANTS WITH VARYING GROWTH HABITS, PREFERENCES AND TOLERANCES, SO SELECTION OF JUST THE RIGHT PLANT SHOULD NOT BE DIFFICULT. A HIGH PERCENTAGE OF PLANTS SELECTED WILL BE DROUGHT TOLERANT AND APPROPRIATE FOR THE CLIMATE. THIS PALETTE, ALONG WITH A DRIP IRRIGATION SYSTEM WILL CONSERVE WATER WITHIN THE PROJECT.

BY SPECIFYING PLANTS WHICH REQUIRE LITTLE TO NO PRUNING, THE GREEN WASTE WILL BE REDUCED. PLANTS SELECTED WILL COMPLEMENT THE ARCHITECTURE AND THE OVERALL VISION OF THE STONEBRIDGE COMMUNITY. THE PLANT PALETTE WAS DERIVED FROM THE RECOMMENDED PLANT LIST ALONG WITH OTHERS THAT FIT THE DESIGN AESTHETIC.

ENTRYWAYS AND PICTURE WINDOWS WILL BE FRAMED BY SPECIMEN SHRUBS AND NODES WILL HAVE ACCENT PLANTINGS. PLANT SPECIES WHICH ENHANCE THE ARCHITECTURAL ELEVATIONS SHALL BE USED. A DIVERSE USE OF PLANT SPECIES WILL DISPLAY VARIOUS TEXTURES, FORMS, FOLIAGE COLOR, AND FLOWERS; WILL CREATE A BEAUTIFUL LANDSCAPE TO CONTRIBUTE AESTHETICALLY TO THE SURROUNDING NEIGHBORHOODS.

THE TREES HAVE BEEN SELECTED TO HAVE NON-INVASIVE ROOT SYSTEMS, AND PLACED WITH ADEQUATE SETBACKS TO ENSURE NO CONFLICT WITH UTILITIES AND HARDSCAPE, OR CONFLICT WITH ANY SITE LINE DISTANCES. ROOT BARRIERS WILL BE INSTALLED ON ALL TREES NEAR PAVING AND UTILITIES. WHERE FEASIBLE, TREES HAVE BEEN PLACED TO MITIGATE SOLID BUILDING SURFACES AND FENCES. TALLER SHRUBS WILL ALSO BE LOCATED AT SOLID BUILDING SURFACES AND FENCES, WHILE LOWER SHRUBS WILL BE LOCATED WHERE GROUND LEVEL WINDOWS AND ARCHITECTURAL FEATURES OCCUR, AND AT CORNERS TO MAINTAIN SITE LINE DISTANCES.

THE IRRIGATION SYSTEM WILL USE WEATHER-BASED CONTROLLERS TO CONSERVE THE USE OF WATER. SPRAY IRRIGATION WILL ONLY OCCUR AT TURF AREAS, AND SPRAY HEADS WITH LOW PRECIPITATION RATES WILL BE USED TO MINIMIZE RUNOFF, EROSION AND OVERSPRAY. THE BALANCE OF THE PLANTING AREAS WILL BE IRRIGATED USING DRIP IRRIGATION METHODS. THE TREES WILL BE ON SEPARATE VALVES AND WILL BE IRRIGATED WITH BUBBLERS. SHRUBS WILL BE HYDROZONED ACCORDING TO THEIR WATER REQUIREMENTS AND MICROCLIMATES.

IT IS OUR INTENT TO SPECIFY IN THE LANDSCAPE CONSTRUCTION DOCUMENTS THE USE OF RECYCLED MATERIALS SUCH AS RECYCLED WOOD MULCH, INGREDIENTS WITHIN THE CONCRETE, FORMWORK, SITE FURNITURE, ETC. IT IS OUR INTENT TO STOCKPILE THE TOPSOIL FOR RE-USE, UNLESS SOIL TESTS DEEM THE SOIL INADEQUATE AND RECOMMEND IMPORTED SOIL. WE INTEND TO RECYCLE A MINIMUM OF 50% OF THE LANDSCAPE CONSTRUCTION AND GREEN WASTES.

WATER USE CALCULATIONS TYPICALS:

THE MAXIMUM APPLIED WATER ALLOWANCE (MAWA) IN GALLONS PER YEAR IS BASE ON THE FOLLOWING FORMULA:

 $MAWA = (ETo)(0.62)(0.55 \times LA)$

THE ESTIMATED TOTAL WATER USE (ETWU) IS THE SUM TOTAL OF ESTIMATED WATER USE FOR EACH HYDROZONE IN GALLONS PER YEAR AND IS BASED ON THE FOLLOWING FORMULA:

ETWU = (ETo)(0.62)[(PF X HA) + SLA]

ETo = REFERENCE EVAPOTRANSPIRATION (INCHES PER YEAR)

LA = LANDSCAPE AREA HA = HYDROZONE AREA (SQUARE FEET)

PF = PLANT FACTOR FROM WUCOLS IE = IRRIGATION EFFICIENCY (0.81)

0.55 = ET ADJUSTMENT FACTOR 0.62 = CONVERSION FACTOR (TO GALLONS)

REFERENCE EVAPOTRASNPIRATION (ETo): 42.0

MAXIMUM APPLIED WATER ALLOWANCE: 82,051 GAL/YR

 $MAWA = (42.0) \times (0.62) \times (0.55 \times 5,729) = 82,051 GAL/YR$

ESTIMATED TOTAL WATER USE: 37,150 GAL/YR

LOW ETWU = $(42.0) \times (0.62) \times (0.20 \times 5,680) = 36,520 \text{ GAL/YR}$

MED ETWU = $(42.0) \times (0.62) \times (0.40 \times 49) = 630 \text{ GAL/YR}$

HYDROZONE INFORMATION TABLE - PLAN 1

HYDROZONE (WATER USE)	ZONE/ VALVE	IRRIG. METHOD	AREA	LANDSCAPE AREA
LOW	A-I	DRIP	525 SF	98%
LOW	A-2	BUBBLER	7 SF	1%
MED	A-3	BUBBLER	7 SF	1%
		TOTAL	539 SF	100%

HYDROZONE INFORMATION TABLE - PLAN 2

HYDROZONE (WATER USE)		IRRIG. METHOD	AREA	% OF LANDSCAPE AREA
LOW	B-I	DRIP	522 SF	99%
LOW	B-2	BUBBLER	7 SF	1%
		TOTAL	520 SE	100%

HYDROZONE INFORMATION TABLE - PLAN 3

HYDROZONE (WATER USE)		IRRIG. METHOD	AREA	% OF LANDSCAPE AREA
LOW	C-I	DRIP	497 SF	99%
MED	C-2	BUBBLER	7 SF	1%
		TOTAL	504 SF	100%

HYDROZONE INFORMATION TABLE - PLAN 4

	HYDROZONE (WATER USE)	ZONE/ VALVE	IRRIG. METHOD	AREA	LANDSCAPE AREA
	LOW	D-I	DRIP	498 SF	99%
ı	MED	D-2	BUBBLER	7 SF	1%
			T0T41	505.05	10.00

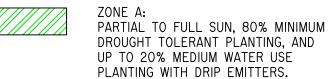
HYDROZONE INFORMATION TABLE - CORNER

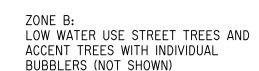
HYDROZONE (WATER USE)	ZONE/ VALVE	IRRIG. METHOD	AREA	LANDSCAPE AREA
LOW	E-I	DRIP	1,139 SF	98%
LOW	E-2	BUBBLER	7 SF	1%
MED	E-3	BUBBLER	I4 SF	1%
		TOTAL	1,160 SF	100%

HYDROZONE INFORMATION TABLE - CUL-DE-SAC

HYDROZONE (WATER USE)	ZONE/ VALVE	IRRIG. METHOD	AREA	% OF LANDSCAPE AREA
LOW	F-I	DRIP	2,480 SF	99%
MED	F-2	BUBBLER	I4 SF	1%
		TOTAL	2,492 SF	100%

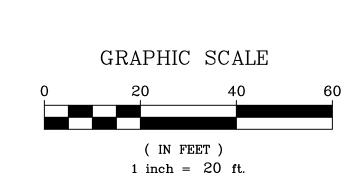
LANDSCAPE HYDROZONE LEGEND





MEDIUM WATER USE STREET TREES AND ACCENT TREES WITH INDIVIDUAL BUBBLERS (NOT SHOWN)

MEDIUM WATER USE SHRUB PLANTING AREAS SHALL NOT EXCEED 20% OF TOTAL LANDSCAPED AREA. SEPARATE VALVES TO BE USED FOR MEDIUM WATER USE SHRUBS.



STONEBRIDGE 2220 FULTON ROAD SANTA ROSA, CA

TYPICAL

PLAN 3

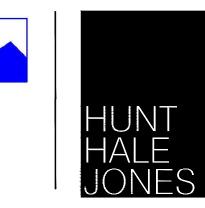




TYPICAL

PLAN 1

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WATER USE / HYDROZONE DATA



SCALE: 1"=10'

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G R O U P

DATE: 10.9.2020 PROJECT: 352001.00

