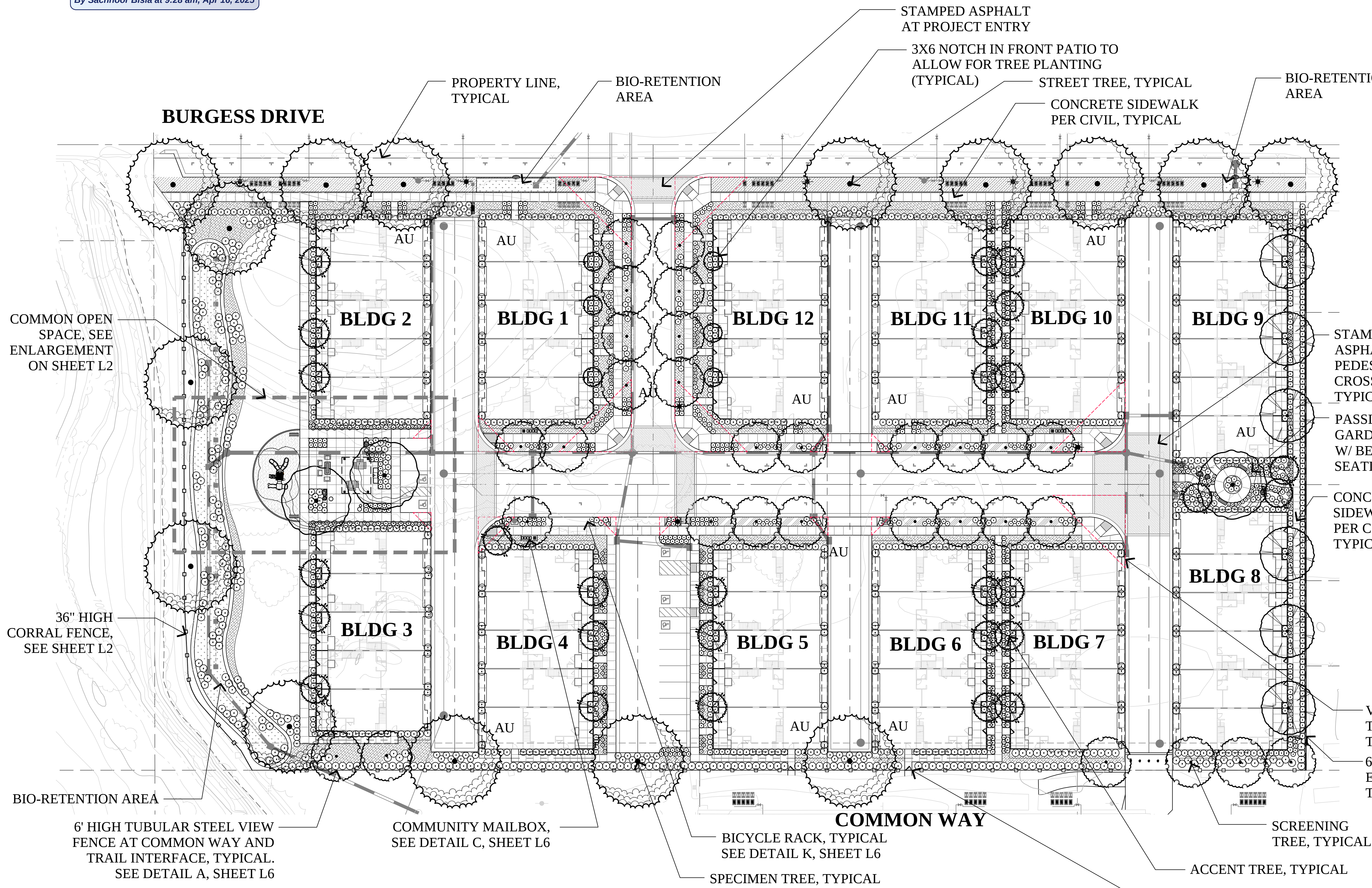




RECEIVED

By Sachnoor Bisla at 9:28 am, Apr 16, 2025



PROPOSED TREE PALETTE

| BOTANICAL NAME              | COMMON NAME        | HEIGHT / SPREAD | SIZE      | WATER USE |
|-----------------------------|--------------------|-----------------|-----------|-----------|
| SPECIMEN TREE               |                    |                 |           |           |
| ACER F. 'A.B.'              | AUTUMN BLAZE MAPLE | 50'/40"         | 15 GALLON | MEDIUM    |
| SCREENING TREE              |                    |                 |           |           |
| LAURUS N. 'SARATOGA'        | SWEET BAY          | 30'/30'         | 15 GALLON | LOW       |
| TRISTANIA LAURINA 'ELEGANT' | WATER GUM          | 40'/20'         | 15 GALLON | LOW       |
| STREET TREES                |                    |                 |           |           |
| PISTACHIA CHINENSIS         | CHINESE PISTACHE   | 30'-60'/30'-60' | 15 GALLON | LOW       |
| ** QUERCUS LOBATA           | VALLEY OAK         | 60'-100'/50'    | 15 GALLON | LOW       |
| ACCENT TREES                |                    |                 |           |           |
| ** CERCIS OCCIDENTALIS      | WESTERN REDBUD     | 15'/15'         | 15 GALLON | LOW       |
| LAGERSTROEMIA F. 'MUSKOGEE' | GRAPE MYRTLE       | 20'/15'         | 15 GALLON | LOW       |
| ** NATIVE PLANT SPECIES     |                    |                 |           |           |

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.

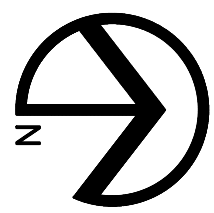
THE TREES HAVE BEEN SELECTED TO HAVE NON-INVASIVE ROOT SYSTEMS, AND PLACED WITH ADEQUATE SETBACKS TO ENSURE NO CONFLICT WITH UTILITIES AND HARDSCAPE, OR CONFLICT WITH ANY SITE LINE DISTANCES. ROOT BARRIERS WILL BE INSTALLED ON ALL TREES NEAR PAVING AND UTILITIES. WHERE FEASIBLE, TREES HAVE BEEN PLACED 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.

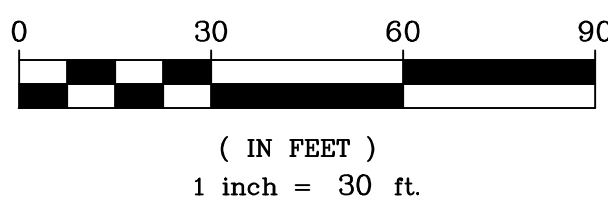
IT IS OUR INTENT TO SPECIFY IN THE LANDSCAPE CONSTRUCTION DOCUMENTS THE USE OF RECYCLED MATERIALS SUCH AS RECYCLED WOOD MULCH, INGREDIENTS WITHIN THE CONCRETE, FORMWORK, SITE FURNITURE, ETC. IT IS OUR INTENT TO STOCKPILE THE TOPSOIL FOR RE-USE, UNLESS SOIL TESTS DEEM THE SOIL INADEQUATE AND RECOMMEND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

NOTES:

1. ALL TREES SHALL BE PLANTED AND STAKED PER CITY STANDARDS.
2. TREES BE PLANTED WITHIN 3' OF HARDSCAPE ELEMENTS, SHALL HAVE A LINEAR ROOT BARRIER INSTALLED ADJACENT TO THE HARDSCAPE ELEMENT AT TIME OF TREE PLANTING.
3. 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.
5. ALL PLANTING AREAS SHALL BE MULCHED TO A MINIMUM DEPTH OF 3".



GRAPHIC SCALE

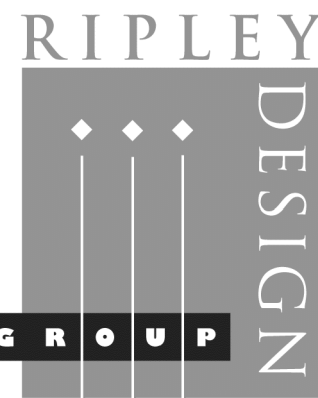


NOTES:

STREET TREES WILL BE REQUIRED AND PLANTED BY THE DEVELOPER. SELECTION WILL BE MADE FROM THE CITY'S APPROVED MASTER STREET TREE LIST AND INSPECTED BY THE PARKS DIVISION MAY OCCUR. PLANTING SHALL BE DONE IN ACCORDANCE WITH THE CITY STANDARDS AND SPECIFICATIONS FOR PLANTING PARKWAY TREES. ANY SUBSTITUTIONS IN TREE SELECTION MUST BE FROM THE APPROVED MASTER STREET TREE LIST.

TREE MITIGATION NOTES:

ALL ONSITE EXISTING TREES ARE PROPOSED TO BE REMOVED. EIGHTY-EIGHT (88) FIFTEEN-GALLON TREES ARE PROPOSED FOR MITIGATION. SEE SHEET L8 FOR TREE MITIGATION INFORMATION. ADDITIONAL MITIGATION WILL BE SATISFIED BY IN-LIEU FEES.



LANDSCAPE ARCHITECTURE  
LAND PLANNING  
1615 BONANZA STREET  
SUITE 314  
WALNUT CREEK, CA 94596  
TEL: 925.938.7377  
FAX: 925.938.7436



RYDER HOMES



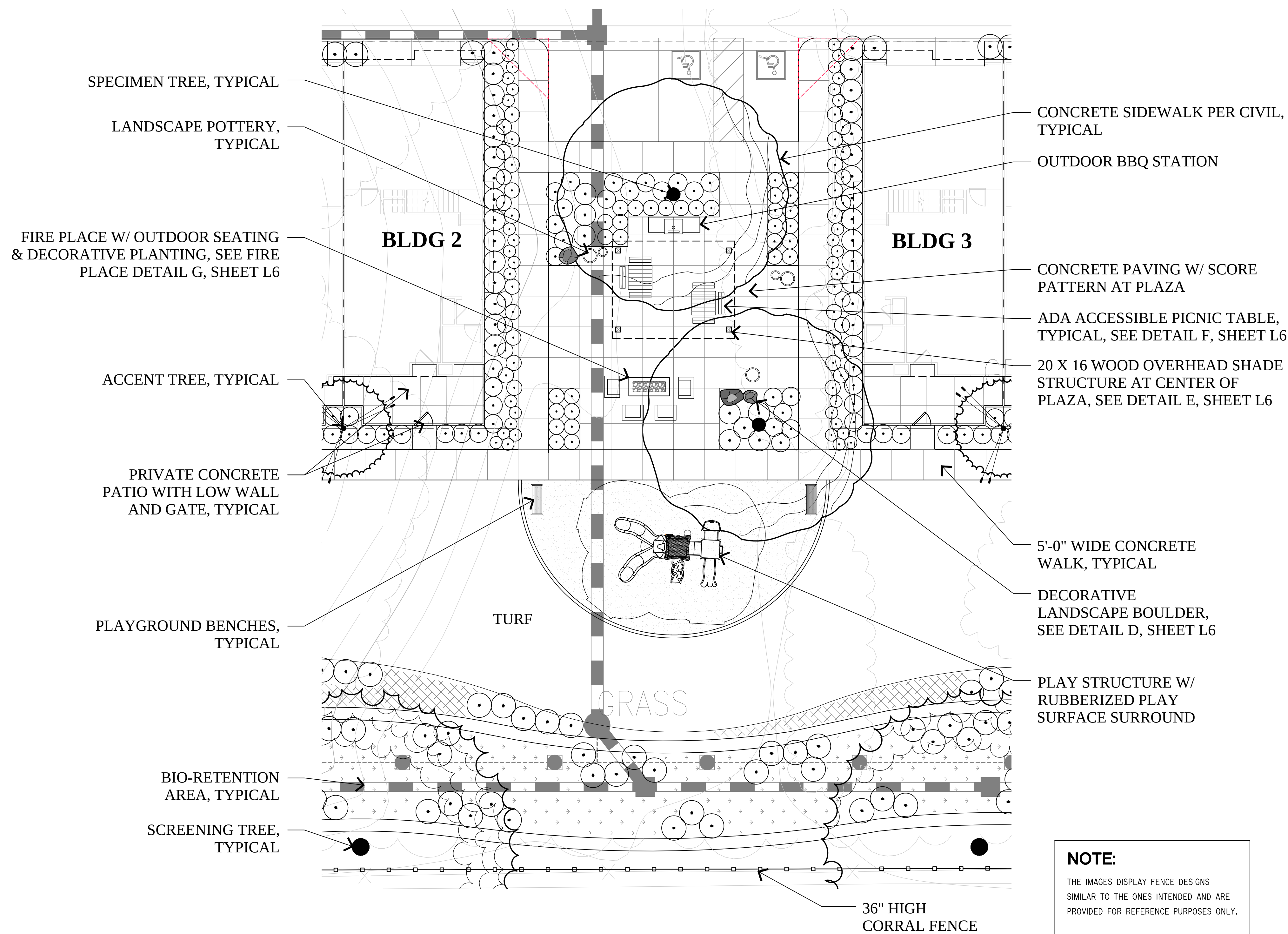
# Preliminary Landscape Plan

# Meadow Creek Townhomes

Santa Rosa, California

April 14, 2025

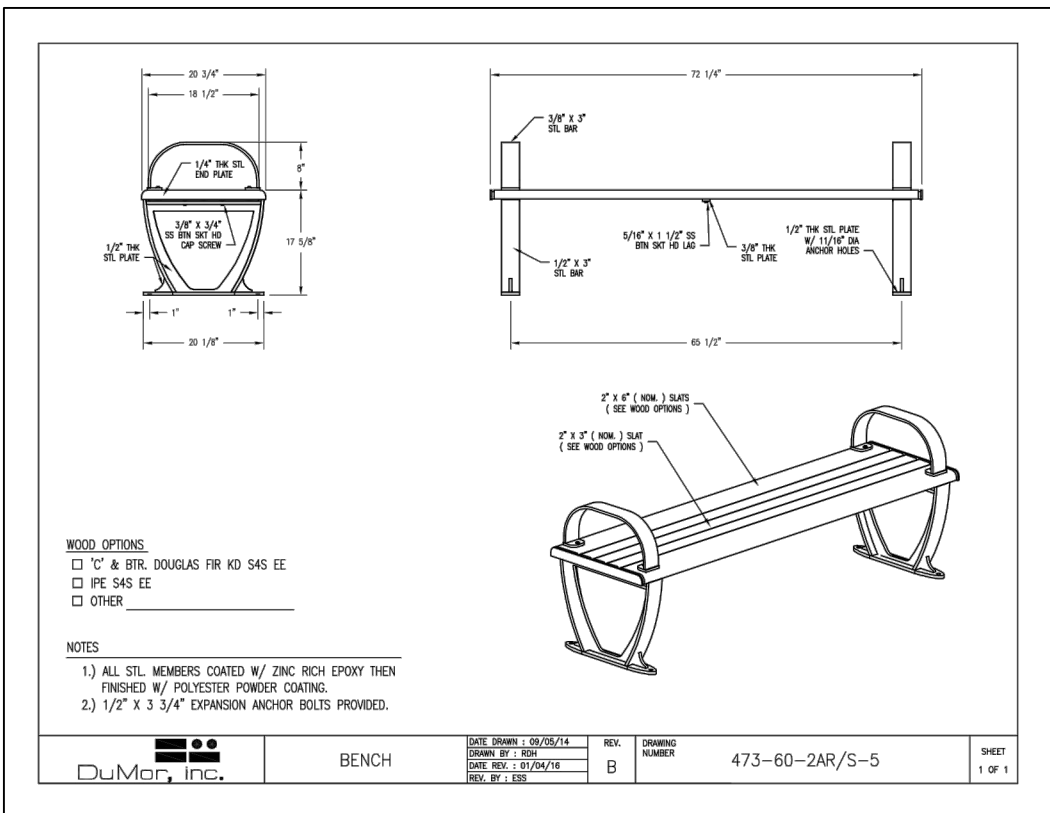
L1



WOOD NEIGHBOR FENCE



TUBULAR STEEL VIEW FENCE



PLAYGROUND BENCH

MODEL: 473-60-2AR/S-5  
AVAILABLE FROM: WWW.DUMOR.COM (800-598-4018)

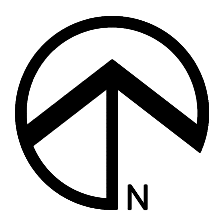


PLAY STRUCTURE

MODEL: MARTIN'S FERRY #PT20229  
AVAILABLE FROM: WWW.GAMETIME.COM TEL:(800)-235-2440



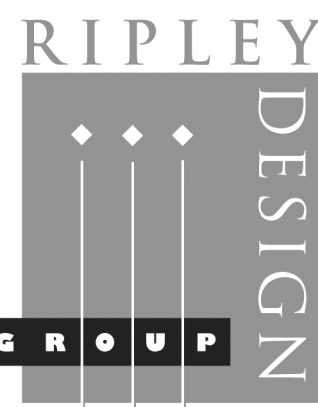
CORRAL FENCE



GRAPHIC SCALE



( IN FEET )  
1 inch = 10 ft.



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RYDER HOMES



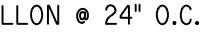
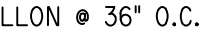
Preliminary Landscape Enlargement  
Common Open Space

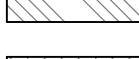
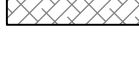
Meadow Creek  
Townhomes  
Santa Rosa, California

April 14, 2025



PRELIMINARY PROPOSED PLANT PALETTE

| BOTANICAL NAME                    | COMMON NAME             | SIZE     | WATER USE | BOTANICAL NAME                             | COMMON NAME           | SIZE     | WATER USE | COMMON NAME                                                                            | SIZE                                 | WATER USE                   |                     |     |
|-----------------------------------|-------------------------|----------|-----------|--------------------------------------------|-----------------------|----------|-----------|----------------------------------------------------------------------------------------|--------------------------------------|-----------------------------|---------------------|-----|
| SHRUBS                            |                         |          |           | SHRUBS & GROUNDCOVERS - BIO-RETENTION AREA |                       |          |           |                                                                                        |                                      |                             |                     |     |
| ABELIA G. 'PROSTRATA'             | DWARF GLOSSY ABELIA     | 5 GALLON | MEDIUM    | LANTANA MONTEVIDENSIS                      | TRAILING LANTANA      | 1 GALLON | LOW       | ** BAC PIL<br>** IRI DOU<br>** MUH RIG<br>** ROS CAL                                   | BACCHARIS PILLULARIS                 | COYOTE BUSH                 | 5 GALLON            | LOW |
| AGAPANTHUS 'PETER PAN'            | LILY-OF-THE-NILE        | 1 GALLON | MEDIUM    | LAVATERA MARITIMA                          | TREE MALLOW           | 5 GALLON | LOW       |                                                                                        | IRIS DOUGLASIANA                     | PACIFIC COAST IRIS          | 1 GALLON            | LOW |
| AGAPANTHUS 'TINKERBELL'           | LILY-OF-THE-NILE        | 1 GALLON | MEDIUM    | LAVANDULA A. 'MUNSTEAD'                    | ENGLISH LAVANDER      | 1 GALLON | LOW       |                                                                                        | MUHLENBERGIA RIGENS                  | DEERGRASS                   | 5 GALLON            | LOW |
| ARBUTUS U. 'COMPACTA'             | COMPACT STRAWNERRY TREE | 5 GALLON | LOW       | LAVANDULA A. 'STOECHES'                    | SPANISH LAVANDER      | 1 GALLON | LOW       |                                                                                        | ROSA CALIFORNICA                     | CALIFORNIA WILD ROSE        | 5 GALLON            | LOW |
| ** ARCTOSTAPHYLOS 'HOWARD MCMINN' | MANZANITA               | 5 GALLON | LOW       | LIGUSTRUM J. 'TEXANUM'                     | JAPANESE PRIVET       | 5 GALLON | MEDIUM    |                                                                                        |                                      |                             |                     |     |
| AZALEA 'SOUTHERN INDICA'          | SUN AZALEA              | 5 GALLON | MEDIUM    | LIRIOPE GIGANTEA                           | GIANT LILY TURF       | 1 GALLON | MEDIUM    |                                                                                        |                                      |                             |                     |     |
| BUDDLEIA DAVIDII                  | BUTTERFLY BUSH          | 5 GALLON | LOW       | LOROPETALUM CHINENSE                       | CHINESE FRINGE FLOWER | 5 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
| BUXUS JAPONICA                    | BOXWOOD                 | 1 GALLON | MEDIUM    | LOROPETALUM C. 'RAZZLEBERRY'               | RED FRINGE FLOWER     | 5 GALLON | LOW       |     | JUNCUS EFFUSUS                       | CALIFORNIA RUSH             | LOW                 |     |
| CAMELLIA SASANQUA                 | CAMELLIA                | 5 GALLON | MEDIUM    | ** MUHLENBERGIA RIGENS                     | DEER GRASS            | 5 GALLON | LOW       |                                                                                        | 1 GALLON @ 24" O.C.                  |                             |                     |     |
| CAREX DIPSACEA                    | AUTUMN SEDGE            | 1 GALLON | MEDIUM    | MYRTUS C. 'COMPACTA'                       | DWARF MYRTLE          | 5 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
| CISTUS HYBRIDUS                   | ROCKROSE                | 5 GALLON | LOW       | NANDINA DOMESTICA                          | HEAVENLY BAMBOO       | 5 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
| COLEONEMA 'SUNSET GOLD'           | GOLDEN BREATH-OF-HEAVEN | 1 GALLON | MEDIUM    | NANDINA D. 'COMPACTA'                      | DWARF HEAVENLY BAMBOO | 5 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
| DIETES BICOLOR                    | FORTNIGHT LILY          | 1 GALLON | LOW       | NANDINA D. 'GULF STREAM'                   | GULF STREAM BAMBOO    | 1 GALLON | LOW       |     | MYOPORUM PARVIFOLIUM                 | MYOPORUM                    | LOW                 |     |
| DIETES IRIDIODES                  | FORTNIGHT LILY          | 1 GALLON | LOW       | NEPETA FAASSENII                           | CATMINT               | 1 GALLON | LOW       |                                                                                        | 1 GALLON @ 36" O.C.                  |                             |                     |     |
| ESCALLONIA 'FRADESII'             | ESCALLONIA              | 5 GALLON | MEDIUM    | NERIUM OLEANDER                            | OLEANDER              | 5 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
| EUONYMUS J. 'MICROPHYLLUS'        | BOXLEAF EUONYMUS        | 5 GALLON | LOW       | OLEA E. 'LITTLE OLLIE'                     | DWARF OLIVE           | 5 GALLON | LOW       | **  | ARCTOSTAPHYLOS D. 'E.C.'             | EMERALDCARPET BEARBERRY LOW | 1 GALLON @ 36" O.C. |     |
| EURYOPS P. 'MUNCHKIN'             | DWARF EURYOPS           | 1 GALLON | LOW       | PENNSETUM 'HAMELN'                         | DWARF FOUNTAIN GRASS  | 1 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
| FEUJIA SELLOWIANA                 | PINEAPPLE GUAVA         | 5 GALLON | LOW       | PHORMIUM T. 'MAORI MAIDEN'                 | NEW ZEALAND FLAX      | 5 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
| FESTUCA GLAUCA                    | BLUE FESCUE             | 1 GALLON | LOW       | PITTOSPORUM 'WHEELER'S DWARF'              | DWARF TOBIRA          | 1 GALLON | MEDIUM    |     | SCAEVOLA 'MAUVE CLUSTERS' FAN FLOWER | LOW                         |                     |     |
| GERANIUM 'JOHNSON'S BLUE'         | GERANIUM                | 1 GALLON | MEDIUM    | PITTOSPORUM T. 'VARIEGATA'                 | VARIEGATED TOBIRA     | 5 GALLON | MEDIUM    |                                                                                        | 1 GALLON @ 36" O.C.                  |                             |                     |     |
| GREVILLEA 'NOELLI'                | WOOLY GREVILLEA         | 5 GALLON | LOW       | PODOCARPUS GRACILIOR                       | FERN PINE             | 5 GALLON | MEDIUM    |                                                                                        |                                      |                             |                     |     |
| HELICTOTRICHON SEMPERVIRENS       | BLUE OAT GRASS          | 1 GALLON | LOW       | PRUNUS 'BRIGHT & TIGHT'                    | BRIGHT & TIGHT LAUREL | 5 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
| HEMEROCALLIS HYBRIDS              | DAYLILY                 | 1 GALLON | MEDIUM    | PYRACANTHA 'SANTA CRUZ'                    | PROSTRATE FIRETHORN   | 1 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
| ILEX C. 'BURFORD'                 | BURFORD HOLLY           | 5 GALLON | LOW       | RHAPHIOLEPIS L. 'BALLERINA'                | INDIA HAWTHORN        | 1 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
| ILEX VOMITORIA 'NANA'             | DWARF YAUPON HOLLY      | 1 GALLON | LOW       | RHAPHIOLEPIS L. 'WHITE ENCHANTRESS'        | INDIA HAWTHORN        | 5 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
|                                   |                         |          |           | ROSA 'CECILE BRUNNER'                      | CECILE BRUNNER ROSE   | 5 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
|                                   |                         |          |           | ROSMARINUS OFFICINALIS                     | ROSEMARY              | 5 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
|                                   |                         |          |           | ROSA 'MEIDELAND WHITE'                     | WHITE SHRUB ROSE      | 5 GALLON | MEDIUM    |                                                                                        |                                      |                             |                     |     |
|                                   |                         |          |           | ROSA 'FLOWER CARPET PINK'                  | GROUNDCOVER ROSE      | 1 GALLON | MEDIUM    |                                                                                        |                                      |                             |                     |     |
|                                   |                         |          |           | SOLLYA HETEROPHYLLA                        | BLUEBELL CREEPER      | 1 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
|                                   |                         |          |           | STRELITZIA REGINAE                         | BIRD-OF-PARADISE      | 5 GALLON | MEDIUM    |                                                                                        |                                      |                             |                     |     |
|                                   |                         |          |           | SYRINGA VULGARIS                           | COMMON LILAC          | 5 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
|                                   |                         |          |           | TRACHELOSPERMUM JASMINOIDES                | STAR JASMINE          | 1 GALLON | MEDIUM    |                                                                                        |                                      |                             |                     |     |
|                                   |                         |          |           | VIBURNUM TINUS                             | LAURUSTINUS           | 5 GALLON | MEDIUM    |                                                                                        |                                      |                             |                     |     |
|                                   |                         |          |           | XYLOSMA C. 'COMPACTA'                      | COMPACT XYLOSMA       | 5 GALLON | LOW       |                                                                                        |                                      |                             |                     |     |
|                                   |                         |          |           |                                            |                       |          |           | ** NATIVE PLANT SPECIES                                                                |                                      |                             |                     |     |



\*\* NATIVE PLANT SPECIES

6' HIGH TUBULAR STEEL VIEW FENCE AT COMMON WAY AND TRAIL INTERFACE, TYPICAL. SEE DETAIL A, SHEET L6

SCREENING TREE, TYPICAL

PRIVATE CONCRETE PATIO WITH LOW WALL AND GATE, TYPICAL

BLDG 8

COLORED STAMPED ASPHALT AT PEDESTRIAN/VEHICULAR INTERFACE

ACCENT TREE, TYPICAL

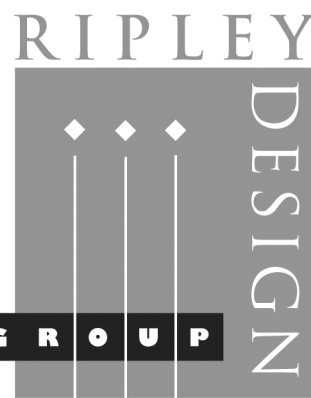
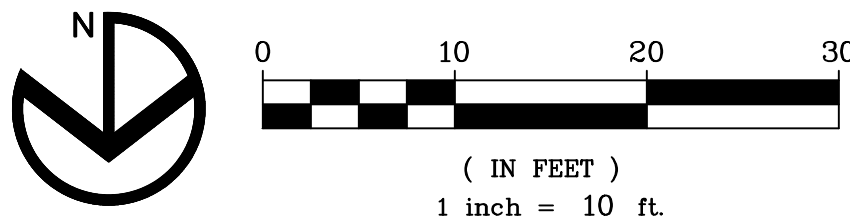
4'-0" WIDE CONCRETE WALK, TYPICAL

LANDSCAPE BOULDER, SEE DETAIL D, SHEET L6

5'-0" WIDE CONCRETE WALK, TYPICAL

PARK BENCH

6' HIGH WOOD NEIGHBORHOOD FENCE AT EXISTING RESIDENTIAL REAR YARDS, TYPICAL. SEE DETAIL B, SHEET L6



LANDSCAPE ARCHITECTURE  
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RYDER HOMES

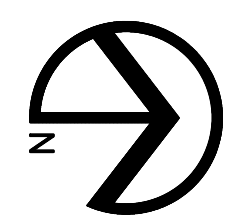
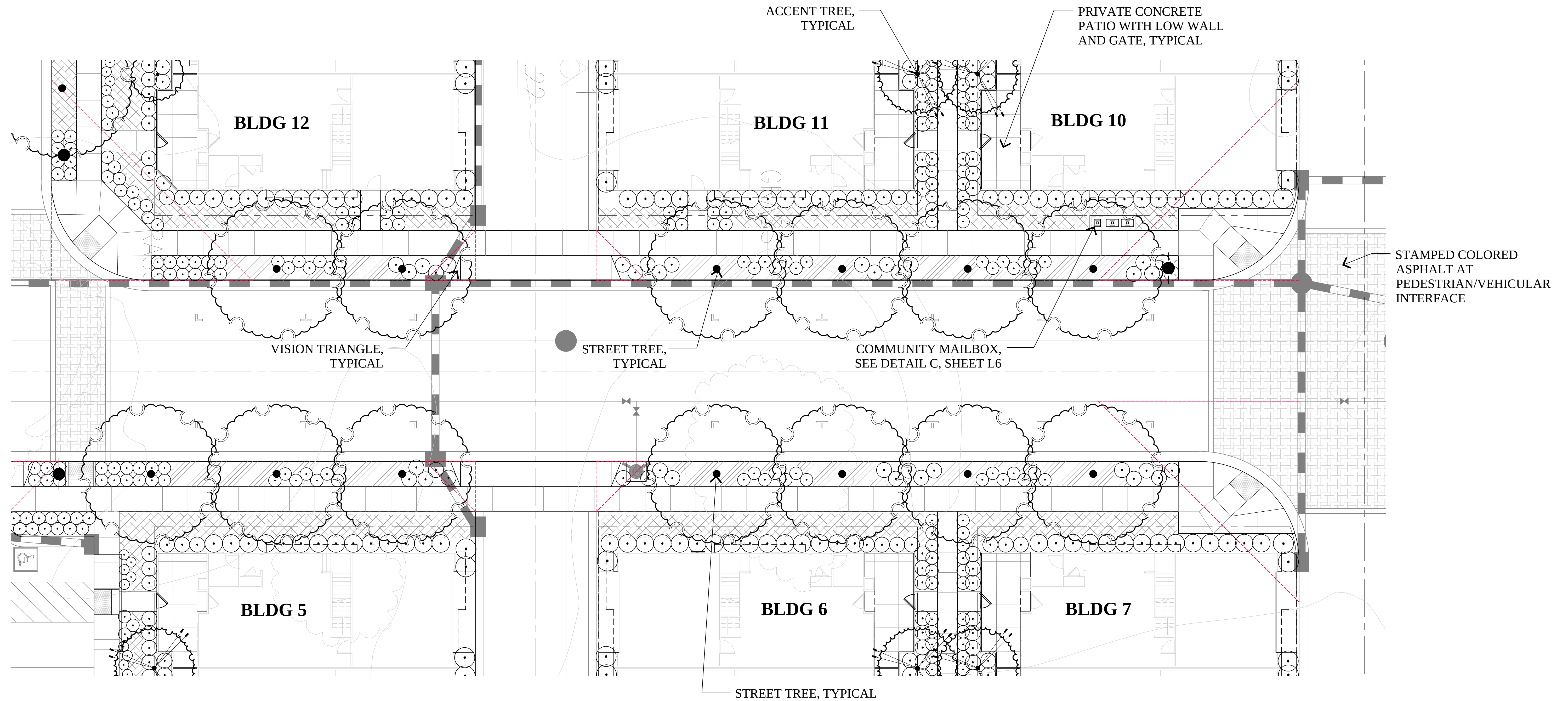


Preliminary Landscape Enlargement  
Perimeter Frontage

Meadow Creek  
Townhomes  
Santa Rosa, California

April 14, 2025

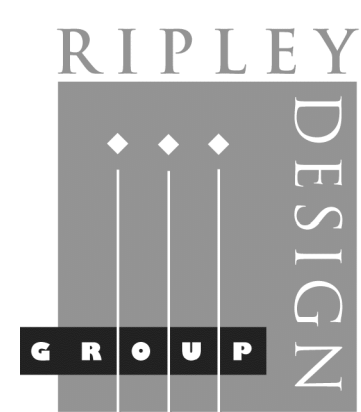
L3



GRAPHIC SCALE



( IN FEET )  
1 inch = 10 ft.



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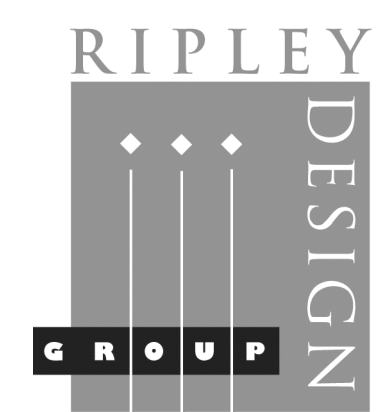
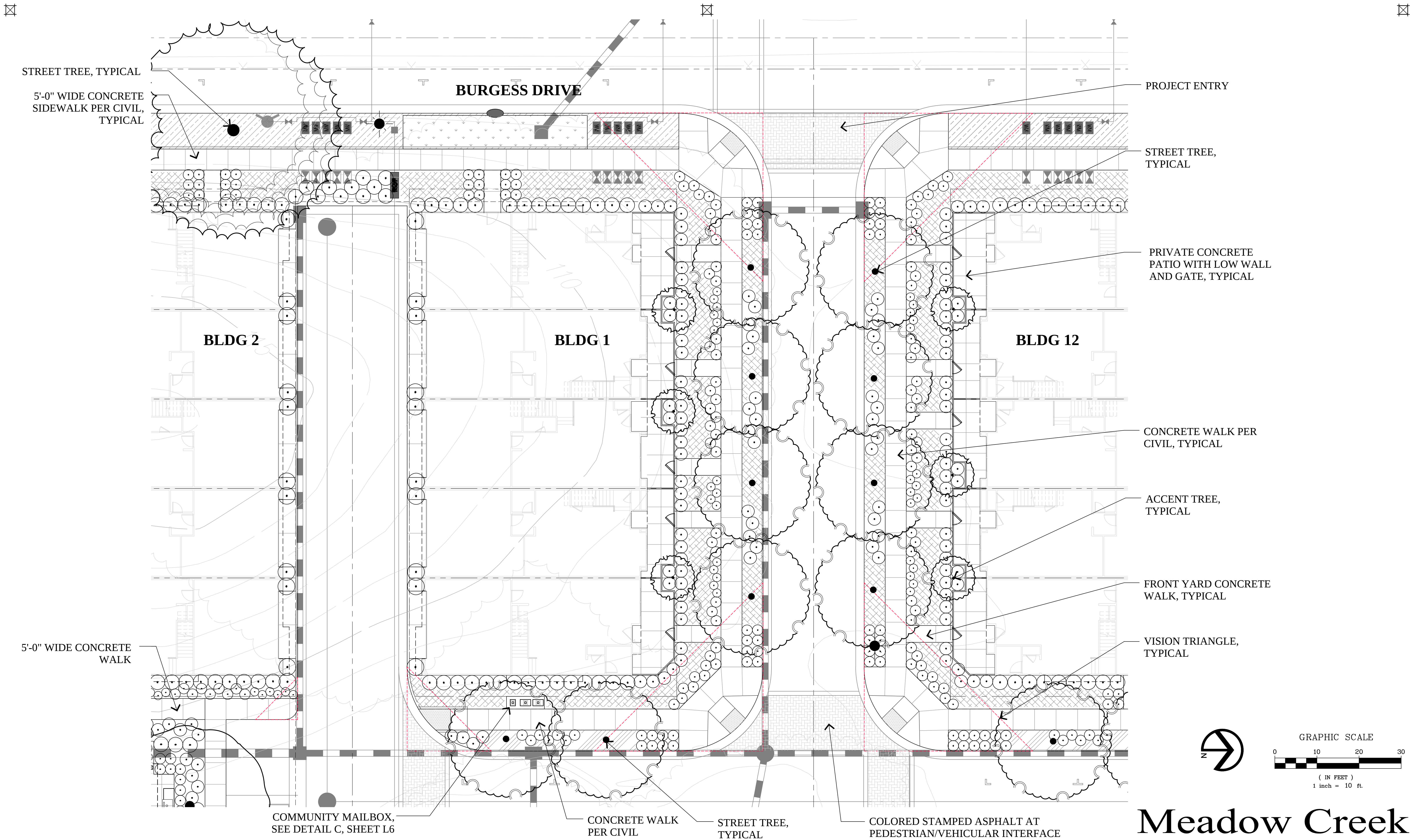
# Preliminary Landscape Enlargement Internal Frontage

# Meadow Creek Townhomes

Santa Rosa, California

April 14, 2025

L4



LANDSCAPE ARCHITECTURE  
LAND PLANNING  
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RYDER HOMES

# Preliminary Landscape Enlargement Burgess Drive Frontage

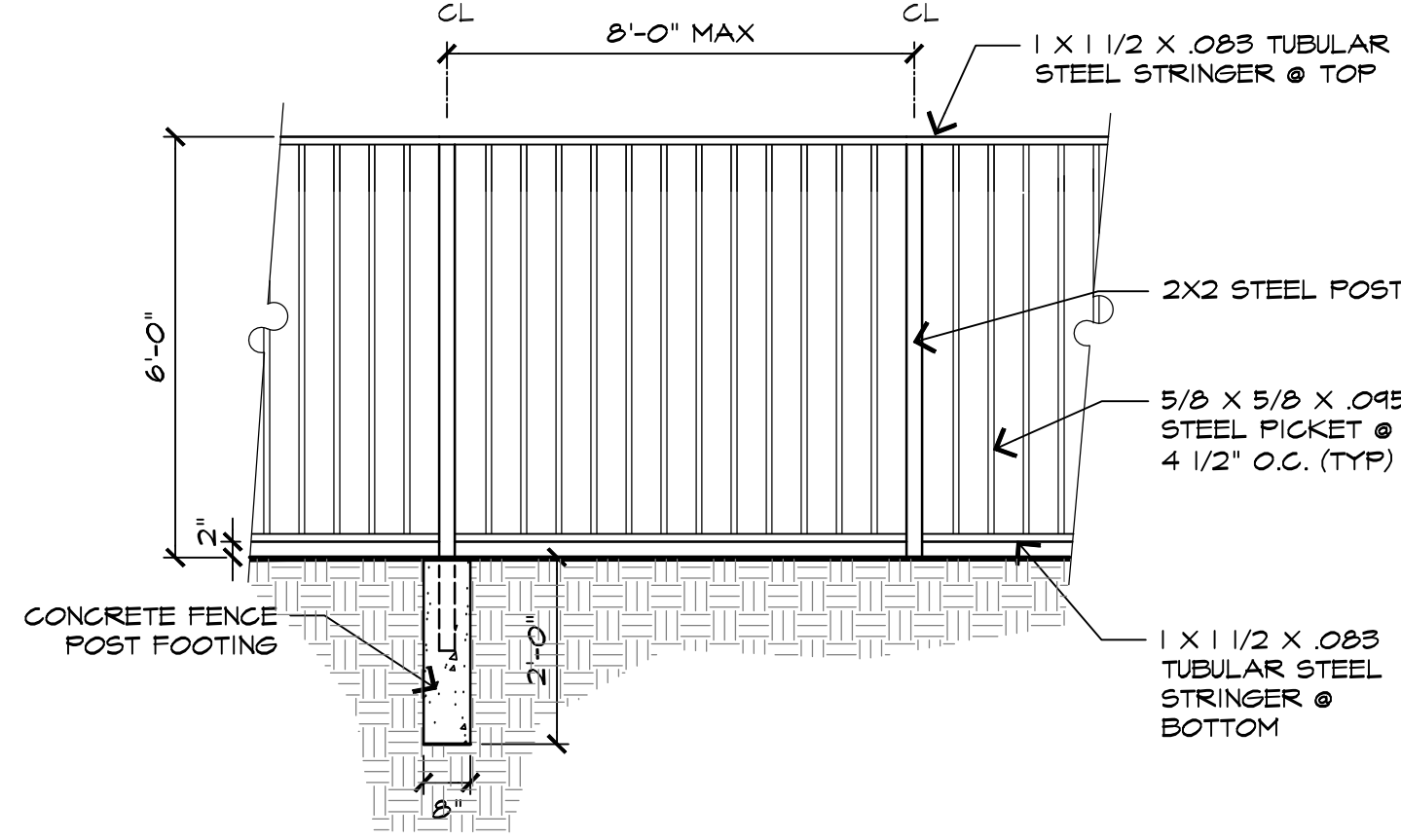
Meadow Creek  
Townhomes  
Santa Rosa, California

April 14, 2025

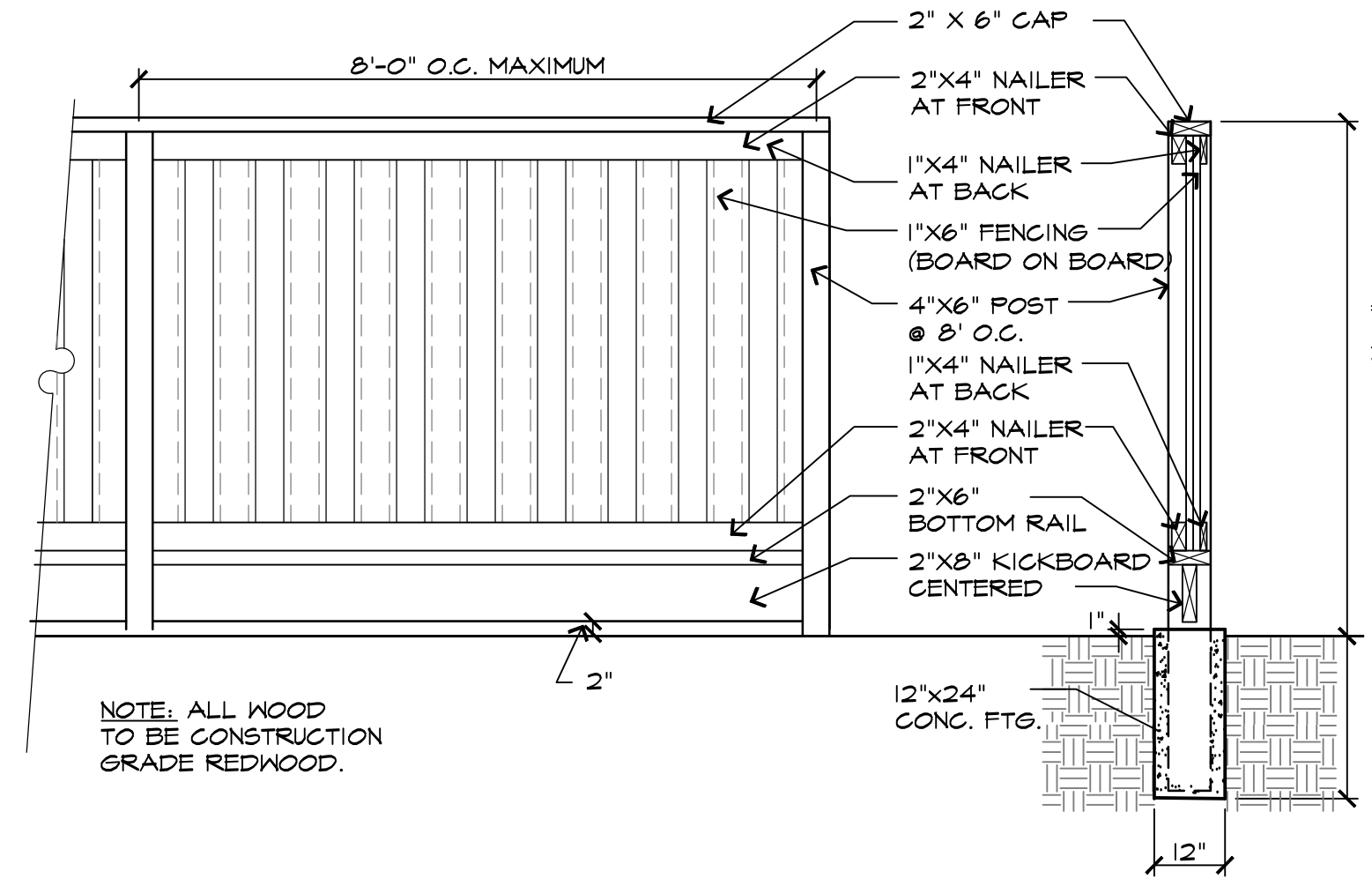
L5



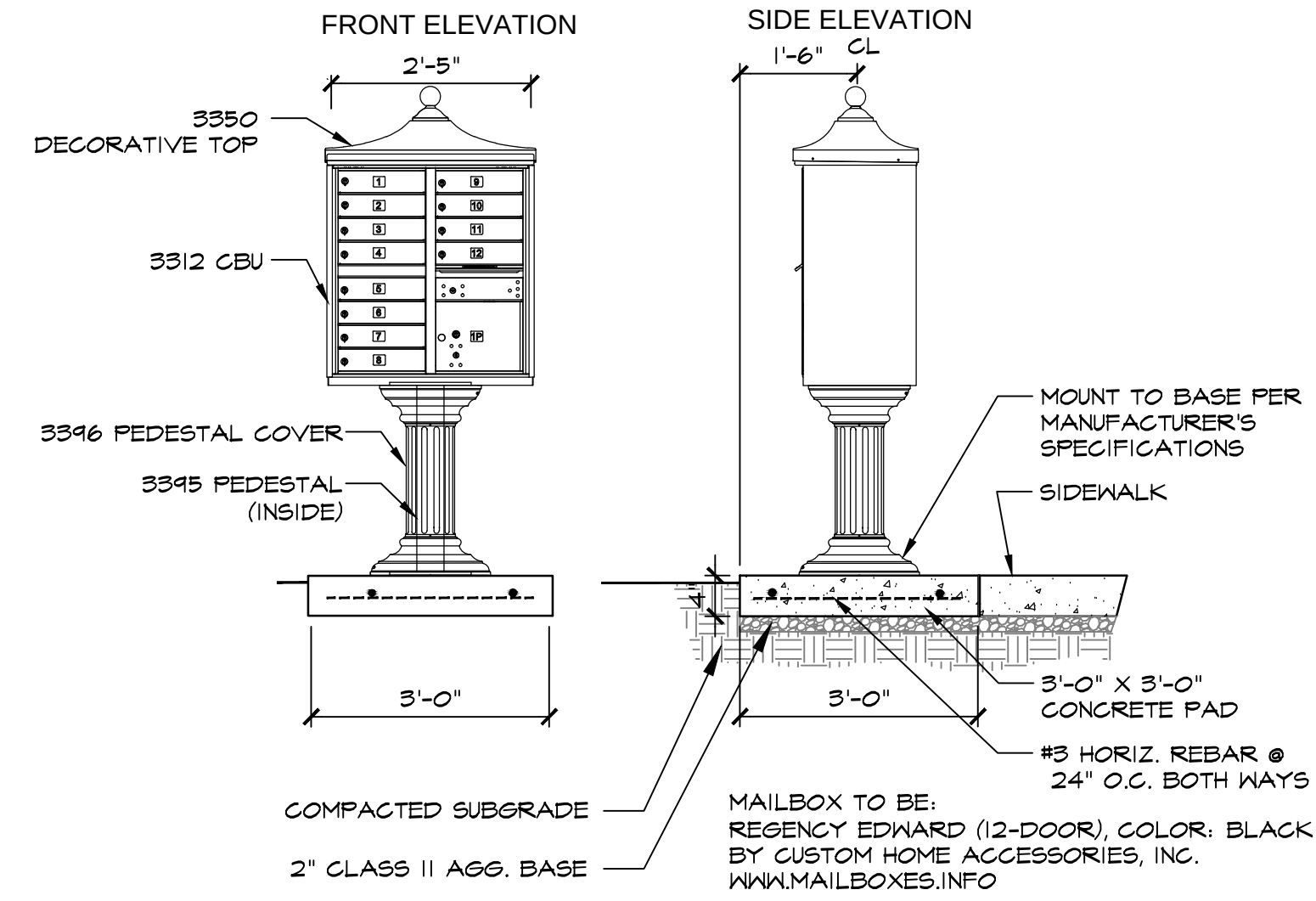
NOTES:  
ALL CONNECTIONS TO BE WELDED. FILLET WELD/SMOOTH GRIND ALL JOINTS. ALL METAL TO BE .160" THICK.  
FINISH: POWDERCOATED BLACK. FIELD TOUCH UP WITH PAINT.



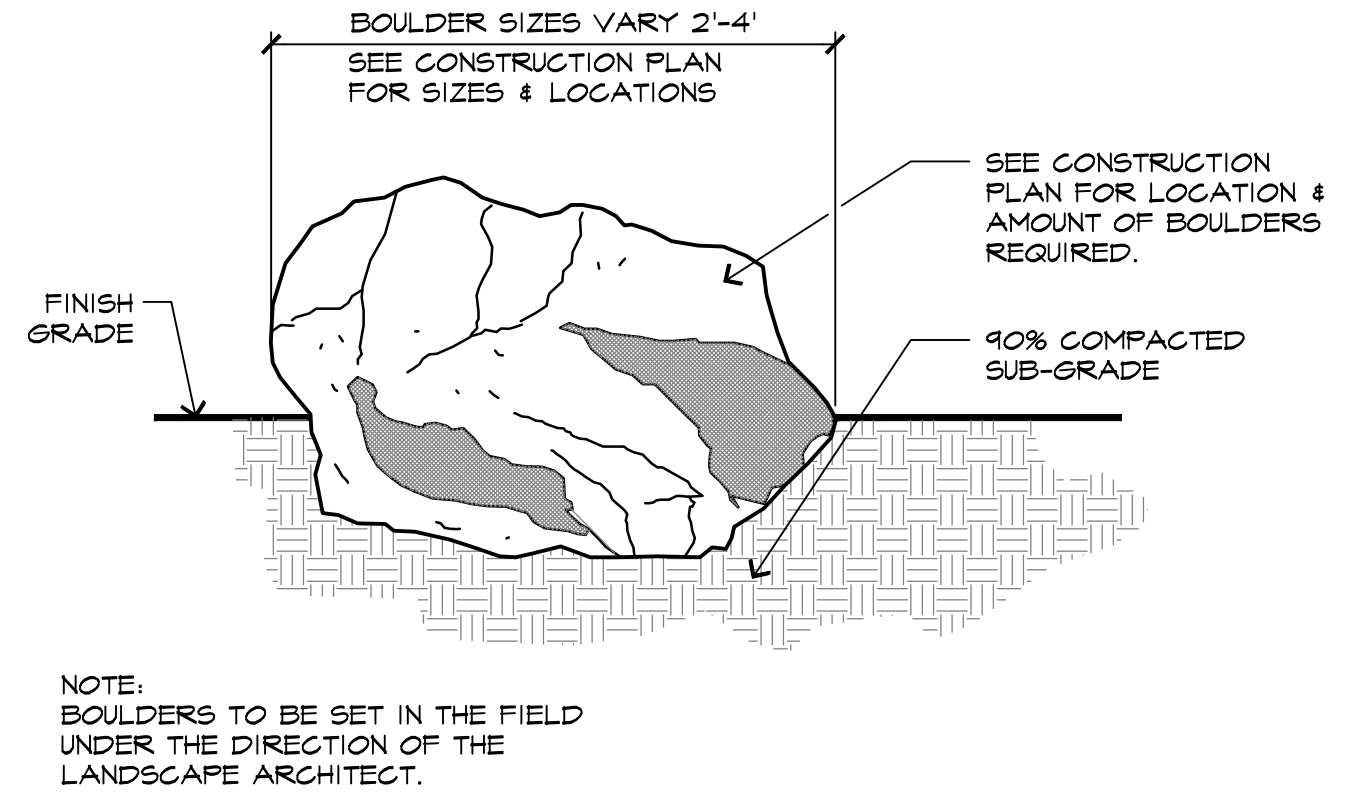
**A TUBULAR STEEL FENCE** SCALE: 1/2" = 1'-0"  
024 - Fnc/Trp



**B WOOD FENCE W/KICKERBOARD** SCALE: 1/2" = 1'-0"  
024 - Fnc/Trp



**C COMMUNITY MAILBOXES** N.T.S.



**D BOULDER INSET FINISHED GRADE** N.T.S.  
006 - Bldg



**E WOOD OVERHEAD SHADE STRUCTURE** N.T.S.  
024



NOTE:  
1. PICNIC TABLE TO BE APEX ENSEMBLE BY FORMS AND SURFACES OR EQUAL.  
2. COLOR TO BE POWDER COATED INK BLUE TEXTURE OR EQUAL.

**F PICNIC TABLE** N.T.S.  
024



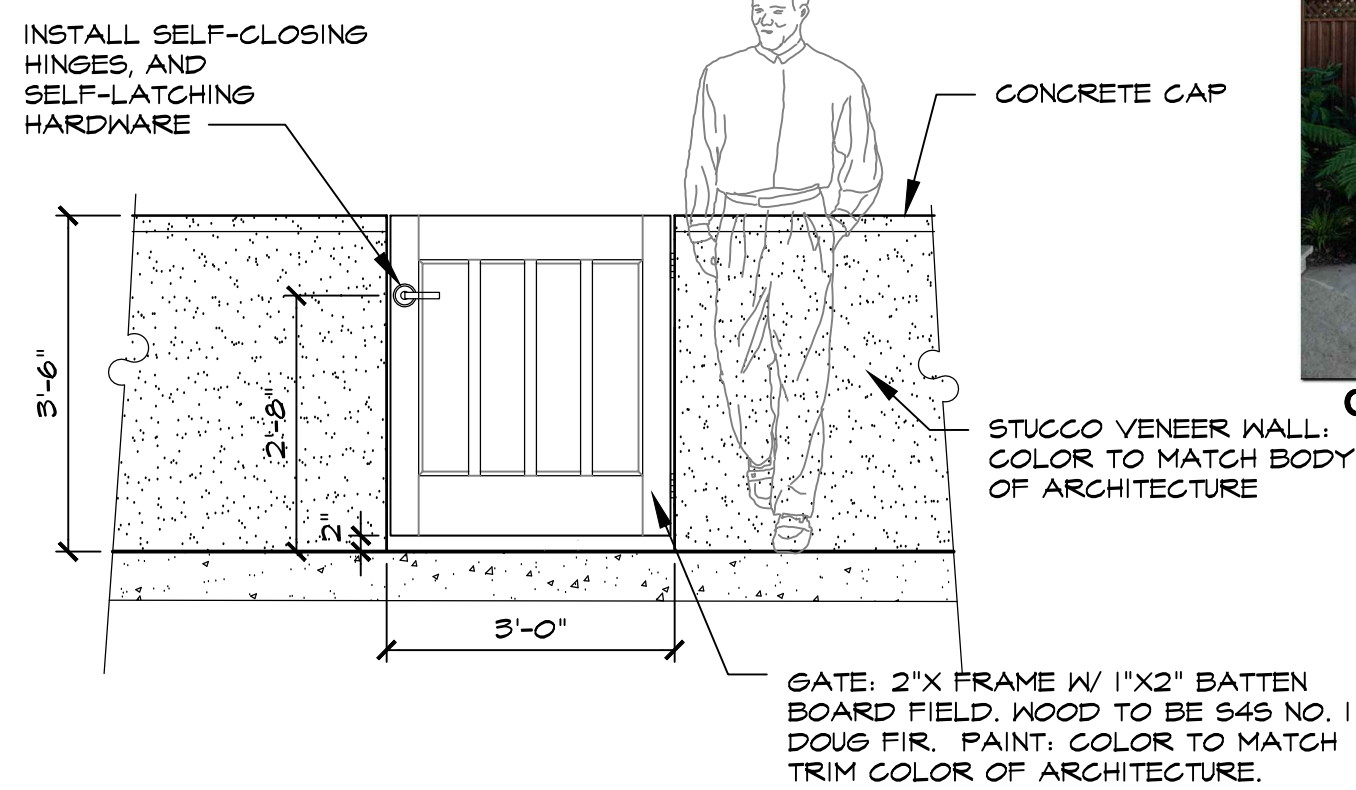
NOTE:  
1. FIRE TABLE TO BE MANOS 'BEAM' OR EQUAL, SIZE: LARGE, 80" L x 36" W x 15" H.  
2. COLOR TO BE 'HURRICANE' OR EQUAL.

**G FIRE TABLE** N.T.S.  
024



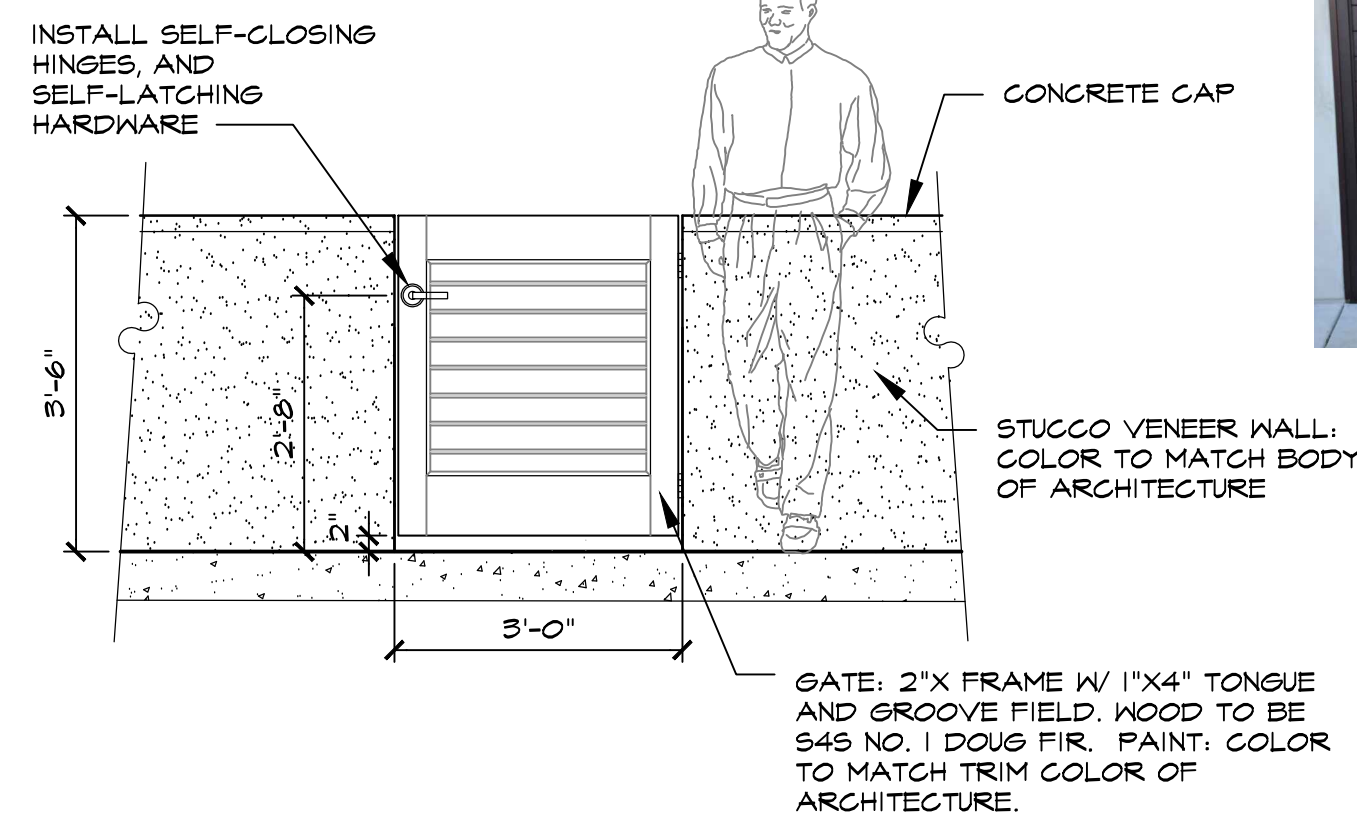
NOTE:  
1. STAMPED ASPHALT TO BE STREETPRINT GENUINE STAMPED ASPHALT  
COLOR TO BE: BURNT SIENNA, PATTERN: OFFSET BRICK.  
AVAILABLE AT WWW.SQUAREONEPAVING.COM TEL: 604-466-9902  
2. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

**H COLORED STAMPED ASPHALT** N.T.S.



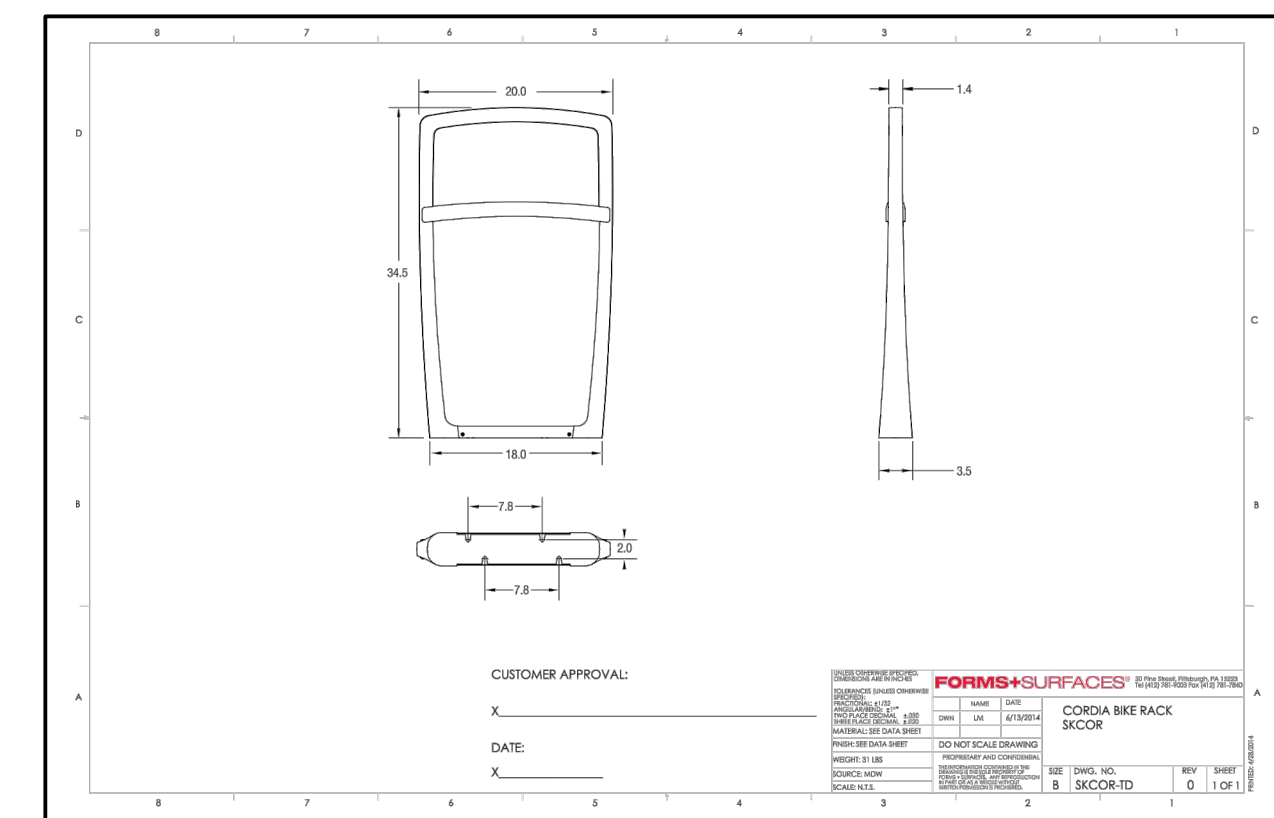
**GATE INSPIRATION PHOTO**

**I COURTYARD WALL W/ GATE (VARIATION A)** SCALE: 1/2" = 1'-0"  
024 -



**GATE INSPIRATION PHOTO**

**J COURTYARD WALL W/ GATE (VARIATION B)** SCALE: 1/2" = 1'-0"  
024 -



NOTES:  
1. CORDIA BIKE RACK  
2. POWDERCOAT COLOR TO BE 'SILVER'  
3. AVAILABLE FROM FORMS+SURFACE  
WWW.FORMS-SURFACES.COM  
4. INSTALL PER MANUFACTURER'S INSTRUCTIONS

**K BICYCLE RACK** N.T.S.



**CORDIA BIKE RACK**

**LOCKING POINT AND COMPONENTS DIMENSIONS (continued)**

**LOCKING POINT AND COMPONENTS DIMENSIONS (continued)**

**LOCKING POINT AND COMPONENTS DIMENSIONS (continued)**

**LOCKING POINT AND COMPONENTS DIMENSIONS (continued)**

**LOCKING POINT AND COMPONENTS DIMENSIONS (continued)**

**LOCKING POINT AND COMPONENTS DIMENSIONS (continued)**

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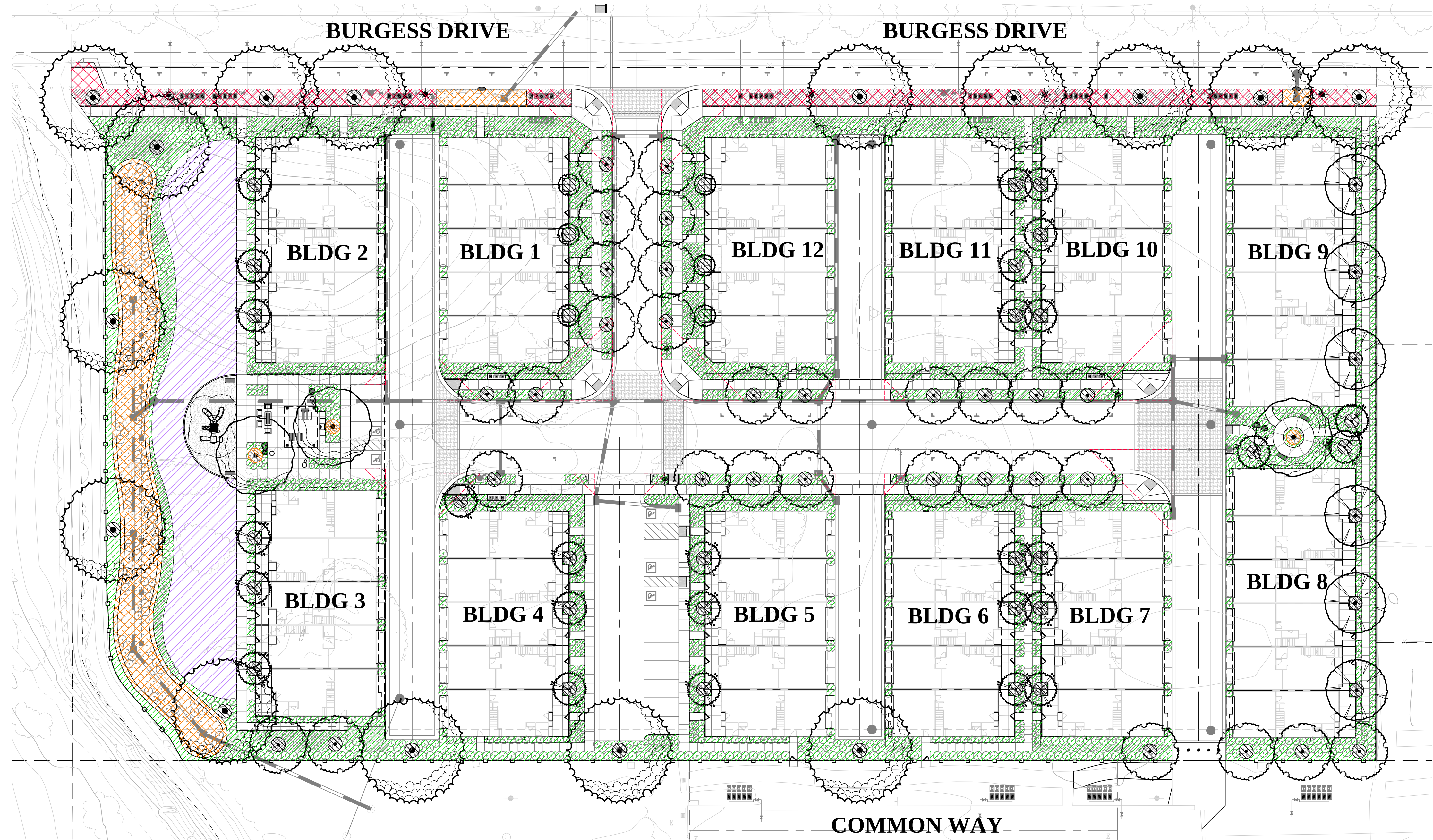
**LOCKING POINT AND COMPONENTS DIMENSIONS (continued)**

**LOCKING POINT AND COMPONENTS DIMENSIONS (continued)**

**LOCKING POINT AND COMPONENTS DIMENSIONS (continued)**

**LOCKING POINT AND COMPONENTS DIMENSIONS (continued)**





#### WATER USE CALCULATIONS TYPICALS:

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

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

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:

$$ETWU = (ET_o)(0.62)((PF \times HA) + SLA) / IE$$

ET<sub>o</sub> = REFERENCE EVAPOTRANSPIRATION (INCHES PER YEAR)  
LA = LANDSCAPE AREA  
HA = HYDROZONE AREA (SQUARE FEET)  
PF = PLANT FACTOR FROM WUCOLS  
IE = IRRIGATION EFFICIENCY (0.8)  
0.55 = ET ADJUSTMENT FACTOR  
0.62 = CONVERSION FACTOR (TO GALLONS)

REFERENCE EVAPOTRANSPIRATION (ET<sub>o</sub>) : 42.0

MAXIMUM APPLIED WATER ALLOWANCE: 725,194 GAL/YR

MAWA = (42.0) X (0.62) X (0.55 X 50,635) = 725,194 GAL/YR

ESTIMATED TOTAL WATER USE: 482,223 GAL/YR

LOW ETWU = (42.0) X (0.62) X  $\frac{(0.20 \times 36,155)}{0.81}$  = 232,463 GAL/YR

MED ETWU = (42.0) X (0.62) X  $\frac{(0.40 \times 6,508)}{0.81}$  = 83,688 GAL/YR

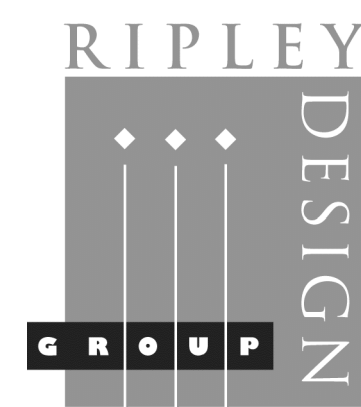
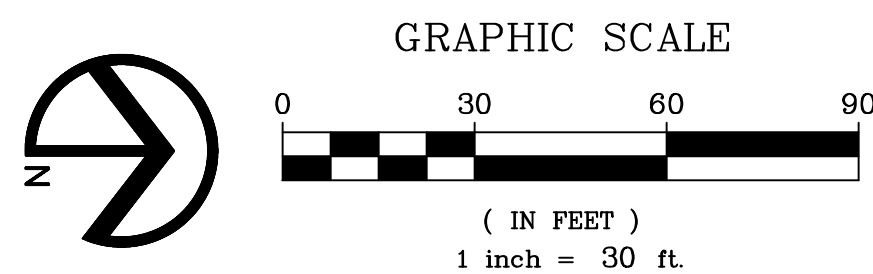
HIGH ETWU = (42.0) X (0.62) X  $\frac{(0.60 \times 7,972)}{0.75}$  = 166,072 GAL/YR

#### HYDROZONES

| SYMBOLS | NAME TYPE                                 | WATER USE | SQUARE FOOTAGE |
|---------|-------------------------------------------|-----------|----------------|
|         | A-1 BUBBLER<br>ONSITE TREES               | LOW       | 595 SQ FT      |
|         | A-2 DRIP<br>SPECIMEN TREES                | MEDIUM    | 21 SQ FT       |
|         | A-3 DRIP<br>SHRUBS-ONSITE PLANTING        | LOW       | 3,335 SQ FT    |
|         | A-4 DRIP<br>SHRUBS-PARKWAY PLANTING       | LOW       | 4,225 SQ FT    |
|         | A-5 DRIP<br>SHRUBS-BIO RETENTION PLANTING | MEDIUM    | 6,487 SQ FT    |
|         | A-6 SPRAY<br>TURF-COMMUNAL TURF AREAS     | HIGH      | 7,972 SQ FT    |

#### NOTES

- ALL TREES SHALL BE PLANTED AND STAKED PER CITY STANDARDS.
- TREES 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.
- ALL PLANTING AREAS SHALL BE AUTOMATICALLY IRRIGATED PER CITY OF SANTA ROSA STANDARDS. USING LOW-FLOW SPRAY, BUBBLERS OR DRIP METHODS.
- ALL PLANTING AREAS SHALL BE MULCHED TO A MINIMUM DEPTH OF 3".



LANDSCAPE ARCHITECTURE  
LAND PLANNING  
1615 BONANZA STREET  
SUITE 314  
WALNUT CREEK, CA 94596  
TEL: 925.938.7377  
FAX: 925.938.7436



RYDER HOMES

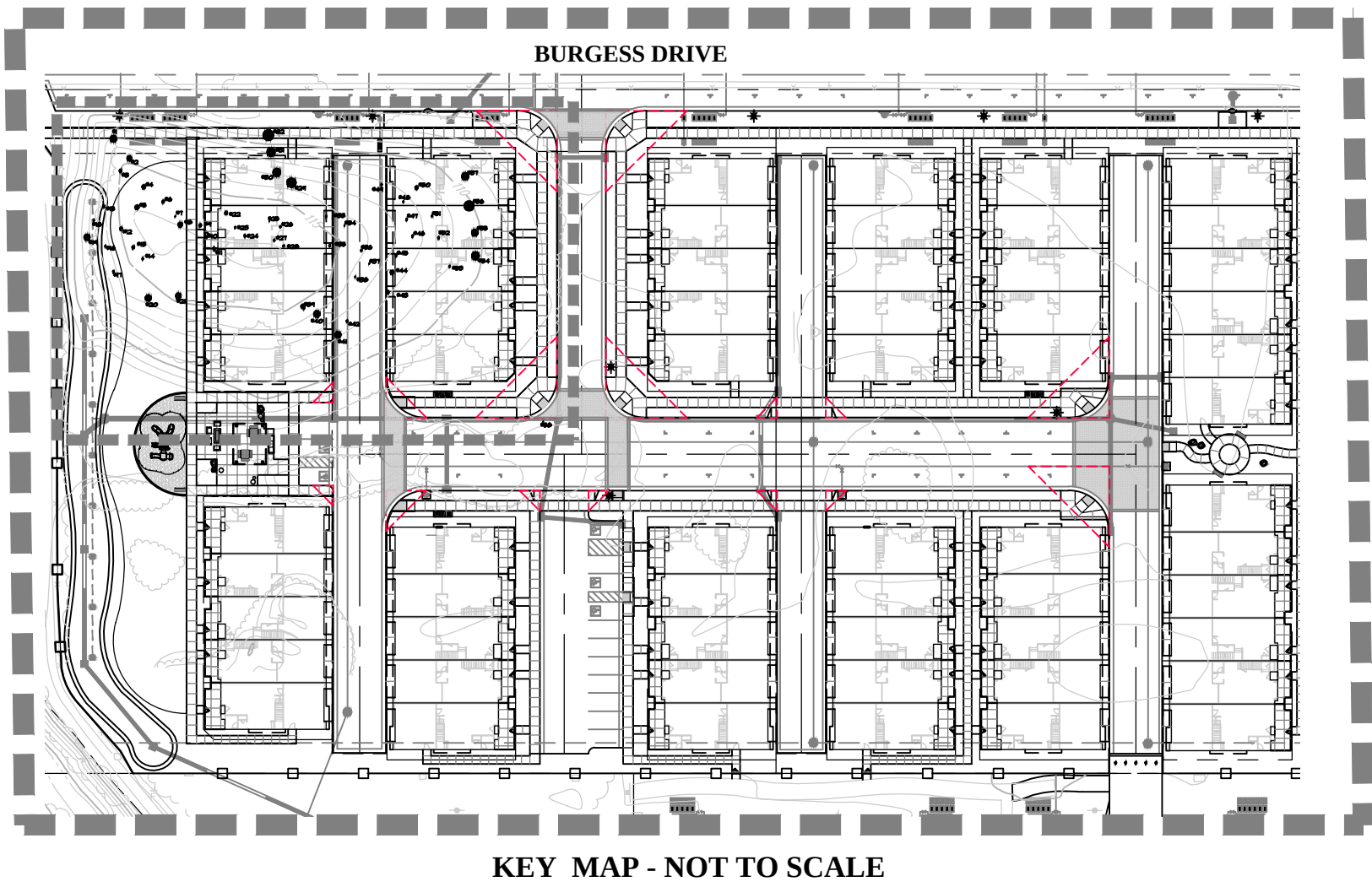
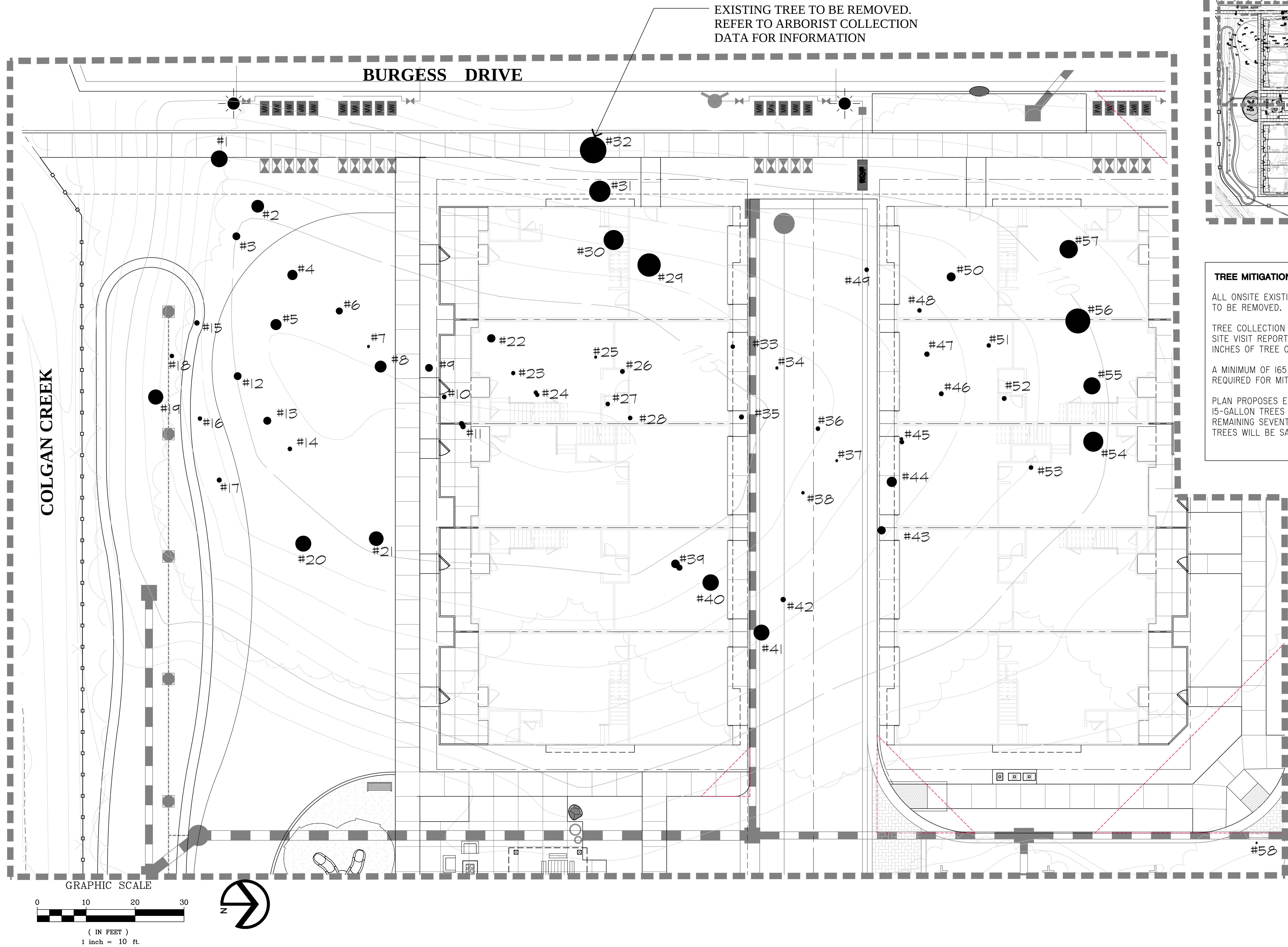


## Preliminary Landscape Hydrozone Plan

Meadow Creek  
Townhomes  
Santa Rosa, California

April 14, 2025

L7



**TREE MITIGATION:**

ALL ONSITE EXISTING TREES ARE PROPOSED TO BE REMOVED.

TREE COLLECTION DATA FROM ARBORIST SITE VISIT REPORTS A TOTAL OF 985 INCHES OF TREE CALIPER BEING REMOVED.

A MINIMUM OF 165 15-GALLON TREES ARE REQUIRED FOR MITIGATION.

PLAN PROPOSES EIGHTY-EIGHT (88) 15-GALLON TREES TO BE INSTALLED. THE REMAINING SEVENTY-SEVEN (77) MITIGATION TREES WILL BE SATISFIED BY IN-LIEU FEES.

| Tree Collection Data: Meadow Creek - APN 134-042-070 - Santa Rosa, CA |                     |                  |       |                      |
|-----------------------------------------------------------------------|---------------------|------------------|-------|----------------------|
| Collection Date: April 4, 2025                                        |                     |                  |       |                      |
| Tree #                                                                | Botanical Name      | Common Name      | DBH   | Notes                |
| 1                                                                     | Eucalyptus globulus | Blue Gum         | 4.5"  |                      |
| 2                                                                     | Eucalyptus globulus | Blue Gum         | 3.8"  |                      |
| 3                                                                     | Eucalyptus globulus | Blue Gum         | 3.6"  |                      |
| 4                                                                     | Eucalyptus globulus | Blue Gum         | 20"   |                      |
| 5                                                                     | Eucalyptus globulus | Blue Gum         | 27"   |                      |
| 6                                                                     | Eucalyptus globulus | Blue Gum         | 38"   |                      |
| 7                                                                     | Eucalyptus globulus | Blue Gum         | 5"    |                      |
| 8                                                                     | Eucalyptus globulus | Blue Gum         | 7"    |                      |
| 9                                                                     | Eucalyptus globulus | Blue Gum         | 1.8"  |                      |
| 10                                                                    | Eucalyptus globulus | Blue Gum         | 10"   |                      |
| 11                                                                    | Eucalyptus globulus | Blue Gum         | 13.5" | 10" x 9" Co-dm @ 48" |
| 12                                                                    | Eucalyptus globulus | Blue Gum         | 1.8"  |                      |
| 13                                                                    | Eucalyptus globulus | Blue Gum         | 1.8"  |                      |
| 14                                                                    | Eucalyptus globulus | Blue Gum         | 10"   |                      |
| 15                                                                    | Eucalyptus globulus | Blue Gum         | 16"   |                      |
| 16                                                                    | Eucalyptus globulus | Blue Gum         | 9"    |                      |
| 17                                                                    | Eucalyptus globulus | Blue Gum         | 12"   |                      |
| 18                                                                    | Eucalyptus globulus | Blue Gum         | 14"   |                      |
| 19                                                                    | Eucalyptus globulus | Blue Gum         | 16"   |                      |
| 20                                                                    | Eucalyptus globulus | Blue Gum         | 38"   |                      |
| 21                                                                    | Eucalyptus globulus | Blue Gum         | 34"   |                      |
| 22                                                                    | Eucalyptus globulus | Blue Gum         | 19"   |                      |
| 23                                                                    | Eucalyptus globulus | Blue Gum         | 9"    |                      |
| 24                                                                    | Eucalyptus globulus | Blue Gum         | 12"   | 6" x 9" Co-dm @ 48"  |
| 25                                                                    | Eucalyptus globulus | Blue Gum         | 6"    |                      |
| 26                                                                    | Eucalyptus globulus | Blue Gum         | 10"   |                      |
| 27                                                                    | Eucalyptus globulus | Blue Gum         | 11"   |                      |
| 28                                                                    | Eucalyptus globulus | Blue Gum         | 10"   |                      |
| Tree #                                                                | Botanical Name      | Common Name      | DBH   | Notes                |
| 29                                                                    | Eucalyptus globulus | Blue Gum         | 65"   |                      |
| 30                                                                    | Eucalyptus globulus | Blue Gum         | 10"   | 50" DBH DEAD         |
| 31                                                                    | Eucalyptus globulus | Blue Gum         | 62"   |                      |
| 32                                                                    | Eucalyptus globulus | Blue Gum         | 67"   |                      |
| 33                                                                    | Eucalyptus globulus | Blue Gum         | 9"    |                      |
| 34                                                                    | Eucalyptus globulus | Blue Gum         | 6"    |                      |
| 35                                                                    | Eucalyptus globulus | Blue Gum         | 11"   |                      |
| 36                                                                    | Eucalyptus globulus | Blue Gum         | 10"   |                      |
| 37                                                                    | Eucalyptus globulus | Blue Gum         | 5"    |                      |
| 38                                                                    | Eucalyptus globulus | Blue Gum         | 8"    |                      |
| 39                                                                    | Eucalyptus globulus | Blue Gum         | 23"   | 20" x 12"            |
| 40                                                                    | Eucalyptus globulus | Blue Gum         | 39"   |                      |
| 41                                                                    | Eucalyptus globulus | Blue Gum         | 17"   |                      |
| 42                                                                    | Eucalyptus globulus | Blue Gum         | 12"   |                      |
| 43                                                                    | Eucalyptus globulus | Blue Gum         | 21"   |                      |
| 44                                                                    | Eucalyptus globulus | Blue Gum         | 24"   |                      |
| 45                                                                    | Eucalyptus globulus | Blue Gum         | 13.5" | 8" x 10"             |
| 46                                                                    | Eucalyptus globulus | Blue Gum         | 9"    |                      |
| 47                                                                    | Eucalyptus globulus | Blue Gum         | 12"   |                      |
| 48                                                                    | Eucalyptus globulus | Blue Gum         | 10"   |                      |
| 49                                                                    | Eucalyptus globulus | Blue Gum         | 14"   |                      |
| 50                                                                    | Eucalyptus globulus | Blue Gum         | 22"   |                      |
| 51                                                                    | Eucalyptus globulus | Blue Gum         | 9"    |                      |
| 52                                                                    | Eucalyptus globulus | Blue Gum         | 11"   |                      |
| 53                                                                    | Eucalyptus globulus | Blue Gum         | 10"   |                      |
| 54                                                                    | Eucalyptus globulus | Blue Gum         | 49"   |                      |
| 55                                                                    | Eucalyptus globulus | Blue Gum         | 42"   |                      |
| 56                                                                    | Eucalyptus globulus | Blue Gum         | 64"   |                      |
| 57                                                                    | Eucalyptus globulus | Blue Gum         | 45"   |                      |
| 58                                                                    | Quercus garryana    | Oregon White Oak | 4"    |                      |
| Total Inches:                                                         |                     |                  | 985   |                      |