CONCRETE PATH

MATERIAL: VEHICULAR CONCRETE
COLOR/FINISH: INTEGRAL COLORED, SAND BLAST, SAW CUT JOINTS
USE: PEDESTRIAN PATH, BIKE 90TH, EDUCATIONAL WALK, READING SPOT, VEHICULAR MAINTENANCE ACCESS
SIZE: 10' MINIMUM WIDTH

CONCRETE BENCHES

MANUFACTURER: CUSTOM DESIGN
COLOR/FINISH: INTEGRAL COLORED CONCRETE,
MATERIAL: SAND "3LAST
SIZE: POLISHED IN PLACE CONCRETE
LENGTH Varies (6', 8', 10')

SHORT-TERM BIKE PARKING

MANUFACTURER: FOAM AND SURFACES
PRODUCT: TWIST
MATERIAL: ALUMINUM
COLOR/FINISH: ALUMINUM POWDERCOAT

SPECIAL USE PERMIT FORMAL APPLICATION PACKAGE - NOV 17, 2017
SITE SECURITY DIAGRAM

HIGH SECURITY FENCE AND GATES

MANUFACTURER: AMERISTAR
MODEL: WIREWORKS ANTI-CLIMB PANEL 3 RAIL 8-FOOT HIGH
MATERIAL: STEEL AND WELDED WIRE MESH

NOTES
1. Additional heights available on request
2. 3rd rail optional - fence heights vary depending on the desired role.
3. 2' (610mm) x 2.5' (762mm) x 30ga. 3-bears recommended for 8' (2440mm) single. 4' (1220mm) x 2.5' (762mm) x 30ga. 3-bears available for other heights.
PLANTING APPROACH
The design proposes to use mainly low water use, native plants. Plants are salt tolerant due to high saline levels in the soil based on proximity to the Bay.

IRRIGATION APPROACH
The irrigation design will meet the Title 23 Model Water Efficient Landscape Ordinance adopted in December 2015. Due to the low water nature of the proposed plants, some areas may be able to be decommissioned after the first two years of establishment. The Estimated Total Water Use (ETUW), will be below the Maximum Applied Water Allowance (MAWA). The irrigation equipment will utilize water efficient technologies such as weather sensors and drip irrigation.
SCREEN OR STREET TREE
GRASS AND SHRUB PLANTING
BIOSWALE PLANTING
NATIVE GRASS PLANTING

J. HART CLINTON DRIVE
LIMIT OF WORK

DE TROIT DRIVE
LIMIT OF WORK

NATIVE GRASS SEED MIX A

QUE PAN
QUE AGR
GRE FIL
KOE PAN

MATCHLINE, SEE SHEET L5.03

LEGEND
# Plant List

**TREES**

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<th>QTY</th>
<th>ABBR</th>
<th>SCIENTIFIC NAME</th>
<th>COMMON NAME</th>
<th>SIZE</th>
<th>WATER USE</th>
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**SHRUBS AND GRASSES**

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**TREE REMOVAL AND REPLACEMENT**

- **QTY 4 - 24^" BOX TREES WILL BE PLANTED TO REPLACE THE 4 HERITAGE TREES THAT WERE REMOVED.**

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**NATIVE GRASS - SEED MIX A**

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**BIOSEDGE - SEED MIX B**

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**Required Tree Planting**

- **Tree Planting**
  - **Toolhills Farms, Sameric 75 ft elevation, none of all programs except Single Family Buildings in trees are minimums in ratio of 3 trees per 1,000 square feet.**

  **Planting Area**
  - **11,000 sq ft = 400 trees**
  - **Number of existing trees from Tree Evaluation Schedule**
  - **Landscape unit (US) value of trees to be removed from the Tree Evaluation Schedule**
  - **Minimum US value to be replaced and/or net through payment of existing tree**

- **New Trees**
  - **New trees (US) value exclusive of US shown, each tree shown on plan or as an "X" is now replacing.**

- **Free Deduct from the City Street Tree Planting Fund**
  - If all trees planted, there will be an US value deduction and/or net requirement for new street trees, parking lot trees or other required trees.
NATIVE GRASS PLANTING

STIPA PULCHRA, PURPLE NEEDLEGRASS
LUPINUS NANUS, SKY LUPINE
ESCHSCHOLZIA CALIFORNICA, CALIFORNIA POPPY
POA SECUNDA, NATIVE PINE BLUEGRASS
FESTUCA IDAHOENSIS, IDAHO FESCUE
CLARKIA RUBICUNDA, WINE CUP
CLARKIA BROMUS CARINATUS, NATIVE CALIFORNIA BROME
HORDEUM CALIFORNICUM, CALIFORNIA BARLEY
LYCHNIS GLACialis, BLUE WEDGE
LUPINS HAMAMELSIS, DRY LUPINE
POA SECONDA, NATIVE PINE BLUEGRASS
BIOSWALE PLANTING

- Achillea Millefolium, White Yarrow
- Artemisia Califomica, Mugwort
- Bromus Carinatus, Coastal Brome
- Carex Divisa, Berkeley Sedge
- Carex Parvula, California Meadow Sedge
- Festuca Rubra, Red Fescue
- Hordum Branchy Atherum, Meadow Barley Salt Type
- Hordum Californicum
- Juncus Patens, California Grey Rush
- Leymus Trisetodes, Creeping Wild Rye
- Limonium Californicum, Sea Lavendar

SPECIAL USE PERMIT FORMAL APPLICATION PACKAGE - NOV 17, 2017

San Mateo WWTP Nutrient Removal and Wet Weather Flow Management Upgrade and Expansion Project

City Project No. 46T003

SHEET NO. 55 OF 39

SUBMITTAL DATES

- 11/17/17
- 11/17/17
- 11/17/17

PLANT LIST

- Achillea Millefolium
- Artemisia Califomica
- Bromus Carinatus
- Carex Divisa
- Carex Parvula
- Festuca Rubra
- Hordum Branchy Atherum
- Hordum Californicum
- Juncus Patens
- Leymus Trisetodes
- Limonium Californicum

L5.10 Plant Images - Salt March Hydroseed.dwg

S:\Active Job Files\San Mateo WWTP SD and FD 17007A\CAD\02-SUP\RHAA\Plot\L5.10 Plant Images - Salt March Hydroseed.dwg

11/16/2017 5:01 PM Megan Dale
CALIFORNIA NATIVE SPECIES

- Myrica californica, Pacific Wax Myrtle
- Heteromeles arbutifolia, Toyon
- Leymus condensatus, Wild Blue Rye
- Festuca condensata, Atlas Fescue
- Dendromecon rigida, Bush Poppy
- Grevillea filifolia, Spider Net Grevillea
- Sedum autumn, Stonecrop
- Senecio cuneifolius, Narrow Leaf Chrysanthemum

NON-NATIVE SPECIES

- Senecio cylindrical, Narrow Leaf Chrysanthemum
- Rosmarinus prostratus, Prostrate Rosemary
- Leucadendron 'Safari Sunset', Conebush
- Grevillea filifolia, Spider Net Grevillea
- Sedum autumn, Stonecrop
- Senecio cuneifolius, Narrow Leaf Chrysanthemum
San Mateo WWTP Nutrient Removal and Wet Weather Flow Management Upgrade and Expansion Project
City Project No. 46T003

WEST ELEVATION

CONCRETE BRIDGE AND GUARDRIL
STANDING SEAM METAL ROOF
CONCRETE BASE
GUARDRAIL
LOUVERED MECHANICAL ENCLOSURE
METAL WALL PANEL SYSTEM
ZINC ACCENT PANELS

ARCHITECTS
10048652

AS NOTED

SPECIAL USE FORMAL APPLICATION PACKAGE - NOVEMBER 17, 2017

SPECIAL USE PERMIT FORMAL SUBMITTAL
LM & MG
11/17/2017

SCALE: 1/8" = 1'-0"
San Mateo WWTP Nutrient Removal and Wet Weather Flow Management Upgrade and Expansion Project

City Project No. 46T003

SPECIAL USE FORMAL APPLICATION PACKAGE - NOVEMBER 17, 2017

PROCESS BUILDING WALLS

MATERIAL: POURED-IN-PLACE CONCRETE
FINISH: HORIZ. & VERT. REVEALS
COLOR: -

ACENT PANELS

MATERIAL: PORTLAND CEMENT PLASTER
FINISH: SMOOTH TROWELED & INTEGRAL COLOR
COLOR: TO MATCH TRESPA MAHOGANY RED

ACENT & SPANDREL PANELS

MATERIAL: COMPOSITE METAL PANELS
FINISH: PRE-WEATHERED ZINC
COLOR: PIGMENTO BLUE

STANDING SEAM METAL ROOF

MANUFACTURER: AEP SYNTHETIC ROOFING
PRODUCT: SPAN-LOK HP
COLOR: METALLIC SILVER

STAIR WINDOW WALL

MANUFACTURER: KAWNEER OR EQUAL
PRODUCT: 451 & 1600 CLEAR ANODIZED ALUMINUM
San Mateo WWTP Nutrient Removal and Wet Weather Flow Management Upgrade and Expansion Project
City Project No. 46T003

SPECIAL USE PERMIT FORMAL APPLICATION SUBMITTAL

REV. NO.
DESCRIPTION
BY
DATE

SHEET NO.
SHEET OF
SUP Application - LM & MG

A2.03

KEY PLAN
scale: 1" = 60'-0"

MBR EQUIP. & ELEC. BLDG - EAST ELEVATION - DETAIL
scale: 3/32" = 1'-0"

MBR EQUIP. & ELEC. BLDG - EAST ELEVATION - DETAIL
scale: 3/32" = 1'-0"

KEY ELEVATION - EAST
scale: 1" = 25'-0"

LEGEND
1. ODOR CONTROL
2. ELECTRICAL BUILDING
3. HEADWORKS
4. DUAL USE CLARIFIERS
5. SNS BASINS
6. MBR BASINS
7. MBR EQUIPMENT BUILDING
8. MBR ELECTRICAL BUILDING

LEVELS
101.00' (E) GRADE
45'-0"
San Mateo WWTP Nutrient Removal and Wet Weather Flow Management Upgrade and Expansion Project
City Project No. 46T003

NORTH ELEVATION
scale: 1/4" = 1'-0"

WEST ELEVATION
scale: 1/4" = 1'-0"

SEE A2.01 FOR MATERIAL PALETTE DETAILS
See A2.01 for material palette details.