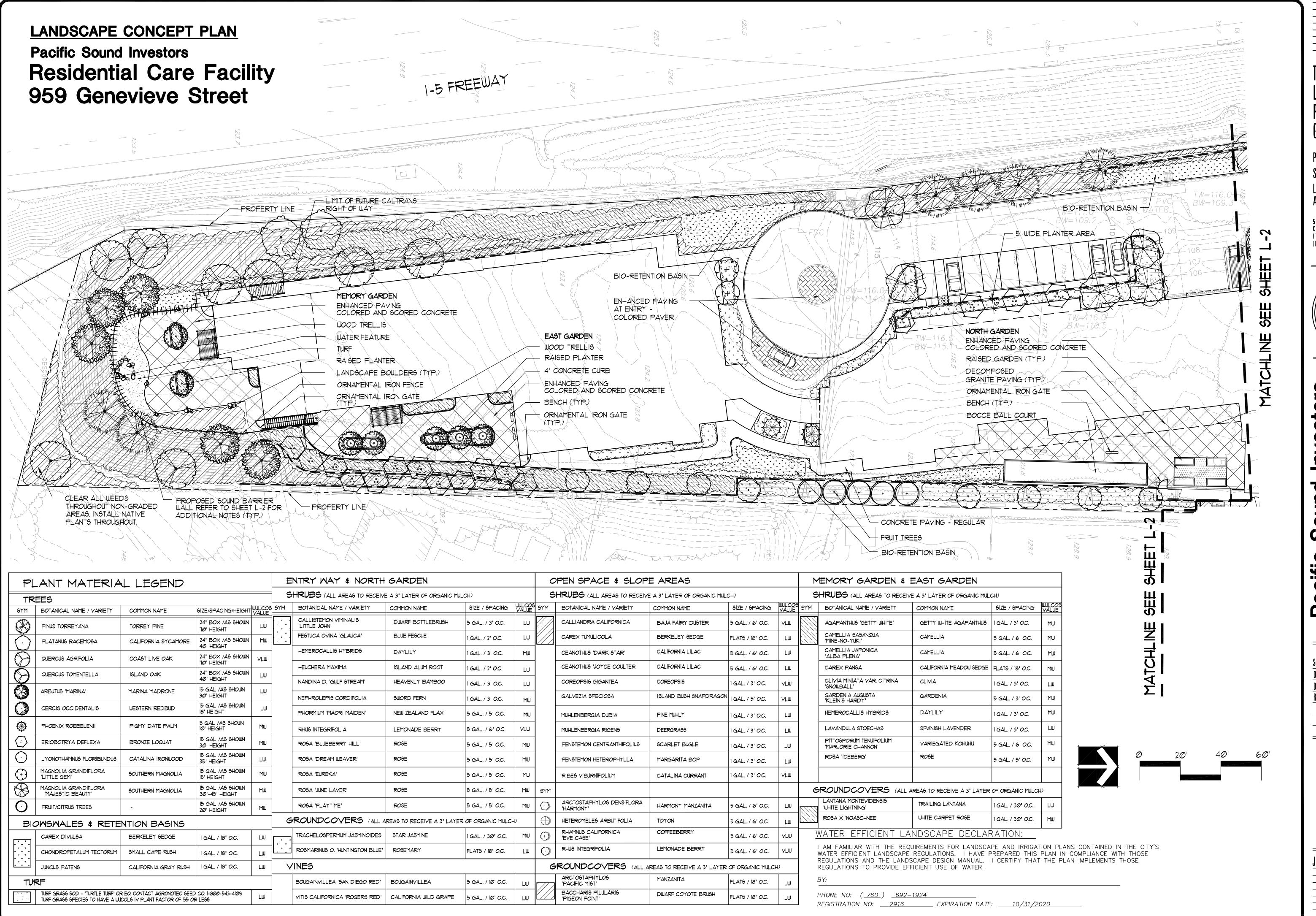
Appendices

Appendix 5.1-1 Landscape Plan

Appendices

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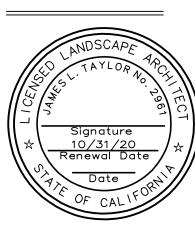




LIGHTFOO PLANNING

PLANNING SITE DESIGN LANDSCAPE ARCHITECTURI

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GENERAL NOTES:

THIS CONCEPTUAL LANDSCAPE PLAN DIAGRAMMATICALLY SHOWS PLACEMENT OF PROPOSED PROJECT LANDSCAPING. FINAL LANDSCAPE PLANS SHALL ACCURATELY IDENTIFY AND SHOW PLACEMENT OF TREES, SHRUBS AND GROUND COVERS.

THE LANDSCAPE ARCHITECT IS AWARE OF THE CITY OF SOLANA BEACH POLICY WHICH PROHIBITS TREES AND STRUCTURES IN UTILITY EASEMENTS AND HAS CONCEPTUALLY DESIGNED THE PROJECT LANDSCAPE AND RESPECTIVE HARDSCAPE IN ACCORDANCE WITH THIS REQUIREMENT. ALL PERTINANT UTILITY EASEMENTS ARE DELINEATED ON THE PRELIMINARY CIVIL ENGINEERING SITE PLAN INFORMATION. THE FINAL LANDSCAPE PLAN SHALL SHOW ALL EASEMENTS THAT MAY AFFECT FINAL PLACEMENT OF PROJECT TREES AND SHRUBS, BASED ON THE EASEMENT AND UTILITY INFORMATION RECEIVED FROM THE PROJECT ENGINEER.

ALL REQUIRED LANDSCAPE AREAS SHALL BE MAINTAINED BY THE OWNER, UNLESS NOTED OTHERWISE. LANDSCAPE AREAS SHALL BE MAINTAINED PER THE CITY OF SOLANA BEACH REQUIREMENTS.

IRRIGATION NOTES: AN AUTOMATIC IRRIGATION SHALL BE INSTALLED AS REQUIRED TO PROVIDE COVERAGE FOR PLANTING AREAS SHOWN ON THE PLAN. LOW PRECIPITATION EQUIPMENT SHALL PROVIDE SUFFICIENT WATER FOR PLANT GROWTH WITH A MINIMUM WATER LOSS DUE TO WATER RUN-OFF. IRRIGATION SYSTEMS SHALL USE HIGH QUALITY, AUTOMATIC CONTROL VALVES, TIMERS AND OTHER NECESSARY EQUIPMENT FOR PROPER COVERAGE. ALL COMPONENTS SHALL BE OF NON-CORROSIVE MATERIAL AND ANY DRIP SYSTEMS SHALL BE ADEQUATELY FILTERED AND REGULATED PER THE MANUFACTURER GUIDELINES. CLASS 315 PRESSURE OR SCHEDULE 40 MAINLINE SHALL BE BURIED TO A MINIMUM DEPTH OF 18". PVC LATERAL LINES SHALL BE BURIED 12" MINIMUM BELOW FINISH GRADE. ALL MAINLINE SHALL BE INSTALLED PER MANUFACTURER GUIDELINES, SPECIFICATIONS, AND ADHERE TO CODES AND GUIDELINES. ALL LANDSCAPE AND IRRIGATION IMPROVEMENTS SHALL BE INSTALLED PER THE PROVISIONS OF CITY OF SOLANA BEACH LANDSCAPE DESIGN GUIDELINES AND SHALL BE CONSISTENT WITH CURRENT STORMWATER BMP'S.

PLANTING NOTES:

THE SELECTION OF PLANT MATERIAL IS BASED ON CULTURAL, AESTHETIC, ENVIRONMENTAL SENSITIVITY AND MAINTENANCE CONSIDERATIONS. ALL PLANTING AREAS SHALL BE PREPARED WITH APPROPRIATE SOIL AMENDMENTS, FERTILIZERS, AND SUPPLEMENTS BASED UPON THE AGRICULTURAL SOILS ANALYSIS REPORT FROM SOIL SAMPLE TAKEN FROM THE SITE. GROUND COVERS OR BARK MULCH SHALL FILL IN BETWEEN THE SHRUBS TO PROTECT THE SOIL FROM EXCESSIVE SOLAR EXPOSURE, EVAPOTRANSPIRATION AND SURFACE WATER RUNOFF. ALL PLANTING AREAS SHALL BE MULCHED TO A DEPTH OF 3'' TO HELP CONSERVE WATER, LOWER THE SOIL TEMPERATURE AND REDUCE WEED GROWTH. SHRUBS SHALL BE ALLOWED TO GROW INTO THEIR NATURAL FORMS WITHOUT SHEARING UNLESS TOPIARY FORMS ARE A DESIGN ELEMENT OR REQUESTED BY OWNER. ALL LANDSCAPE IMPROVEMENTS SHALL CONFORM TO THE CURRENT CITY OF SOLANA BEACH GUIDELINES.

INSTALL REINFORCED STRAW MATTING ON ALL SLOPE AREAS (GRADES OF 2:1 OR GREATER) THAT ARE GRADED OR DISTURBED AS PART OF THIS PROJECT TO PROVIDE EFFECTIVE EROSION CONTROL.

PER MARISSA POTTER AT THE SANTA FE WATER DISTRICT, APRIL 20, 2016, RECYCLED WATER IS NOT CURRENTLY AVAILABLE AT THIS SITE, AND NOT PLANNED FOR IN THE SFWD CIP

SOUND BARRIER WALL NOTES:

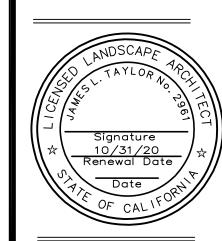
SOUND BARRIER WALL SHALL COMPLY WITH THE CITY OF SOLANA BEACH'S NOISE STANDARDS AND THE NOISE ASSESSMENT PREPARED BY LDN CONSULTING, INC. DATED JULY 29, 2017. TOP OF THE SOUND BARRIER WALL MUST BE 12 FEET ABOVE FINISHED GRADE OF THE MEMORY GARDEN AND SHALL BE PLACED ALONG WESTERN AND SOUTHERN BOUNDARIES. THE BARRIER MUST BE CONSTRUCTED OF EITHER A NON-GAPPING MATERIAL CONSISTING OF MASONRY, 1/2 INCH THICK GLASS, EARTHEN BERM OR ANY COMBINATION OF THESE MATERIALS. SPECIFIC PLACEMENT AND MATERIAL SELECTION SHALL BE VERIFIED FOR COMPLIANCE WITH THESE CRITERIA PRIOR TO APPROVAL OF LANDSCAPE CONSTRUCTION PLANS.



THE LIGHTFOOT PLANNING GROUP

PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE

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Pacific Sound Investors Residential Care Facility

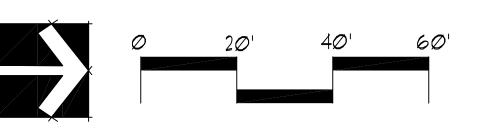
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Revisions:	

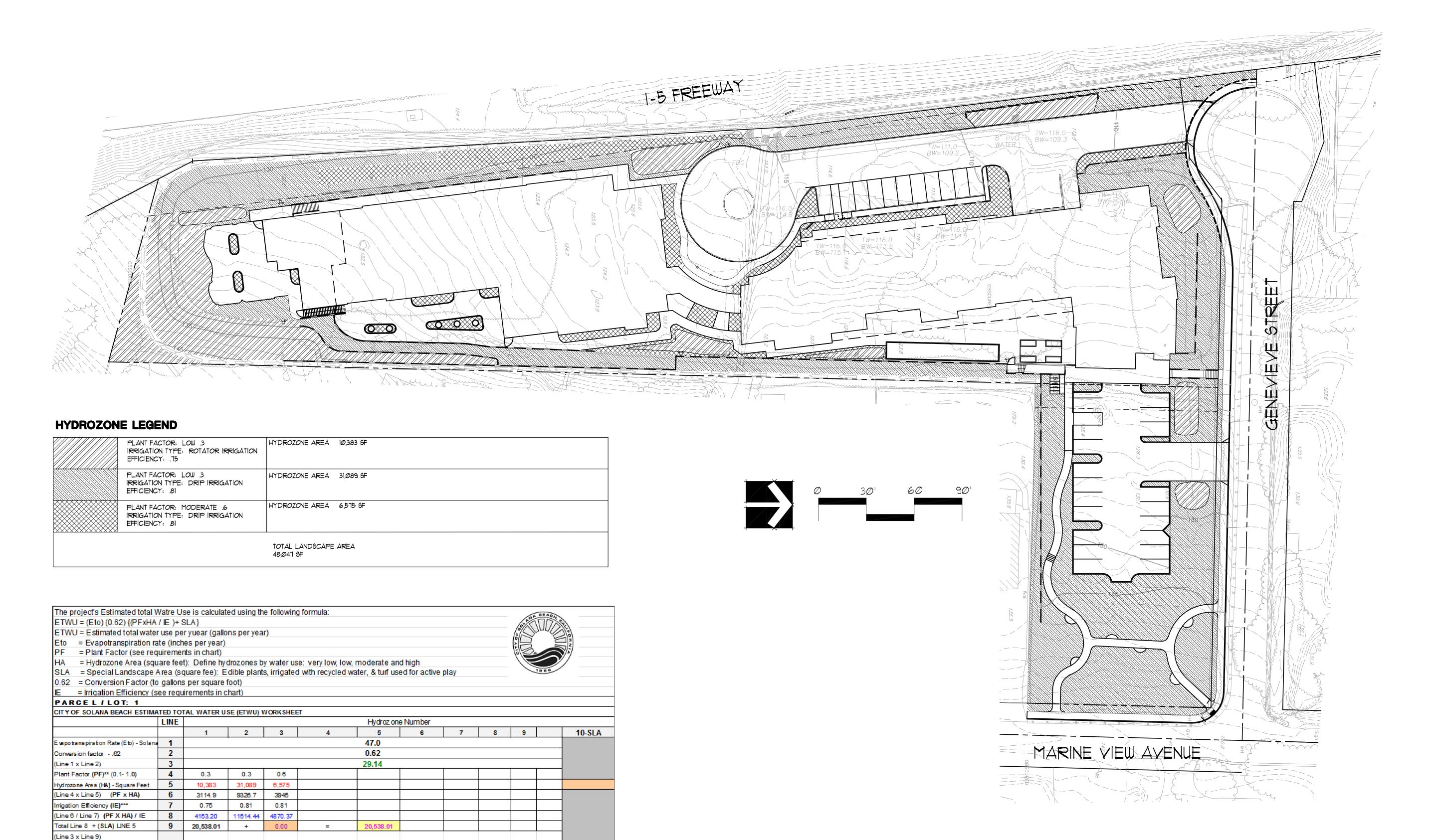
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Landscape Concept Plan

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Estimated Total Water Use - ETWU 10 598,477.75

** PF - Plant Factor (Water Use) - from WUCOLS

ETWU = LANDSCAPE AREA (LA) EST. WATER USE = (Eto)(.62) (PFXHA / IE + SLA] = LINE 3 X LINE 9

[47.0 x 0.62] = 31.682 x (20,538.01)

Total Lands cape Area

29.14 [(ETAF x <u>L.A.</u>) + (1 - ETAF x <u>Total SLA</u>)]

48,047.00) + [(1-.55) x 0.00

Select based on type of plants in hydrozone:

0.1 = VLW - Very Low Water Use Plants

0.6 = MW - Moderate Water Use Plants

0.3 = LW - Low Water Use Plants

1.0 = HW - High Water Use Plants

MAXIMUM APPLIED WATER USE (MAWA) calculation

***IE - Irrigation Efficiency

Drip & Micro-spray= .81

Spray=.55

Rotor = .70

Bubbler = .75

Rotators = .75

A different IE maybe used if supported by documentation

MAWA

770,049.27

= ETWU GA LYR

= 650,685.39

subjected to approval by the CityPlanner

ETAF = Evapotran spiration adjustment factor

(gallons per year)

Total shall not exceed MAWA below *Eto = Evapotranspiration rate =

State Model Water Efficiency

Landscape Ordinance

41(West if I-5) / 47 (East of I-5)

Average calculated from values in

WATER CONSERVATION NOTES:

THE LANDSCAPE DESIGN AND IRRIGATION PLANS SHALL CONFORM TO THE SOLANA BEACH MUNICIPAL CODE 17.56 WATER EFFICIENT LANDSCAPE REGULATIONS AND CITY OF SOLANA BEACH LANDSCAPE MANUAL, DEVELOPMENT STANDARDS AND DESIGN GUIDELINES (ORD. 467, 2015, ORD. 430, 2011.)

THE LANDSCAPE DOCUMENTATION PACKAGE, IRRIGATION AND PLANTING PLANS SHALL BE IN CONFORMANCE TO THE CODE STANDARDS.

A MAWA AND THE ETWU FOR THE PLANS SHALL INCLUDE CALCULATIONS ON THE CITY FORM AND THE ETWU SHALL NOT EXCEED THE MAWA.

CONCEPTUAL ESTIMATED TOTAL WATER USE CALCULATION SUMMARY FROM TABLES AND WORKSHEET IS 650,685.39 GAL/YR MAXIMUM APPLIED WATER ALLOWANCE CALCULATION SUMMARY FROM TABLES AND WORKSHEET IS 170,049.27 GAL/YR

ETWU SHALL NOT EXCEED THE MAWA AS ESTABLISHED BY CONSTRUCTION DRAWINGS.

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