Appendix 1

Project Development Plans

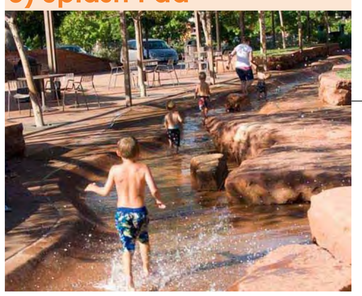
WILDOMAR MASTER PLAN

27 ACRE PARK LAND VISIONING

1) Bike Trails & Courses

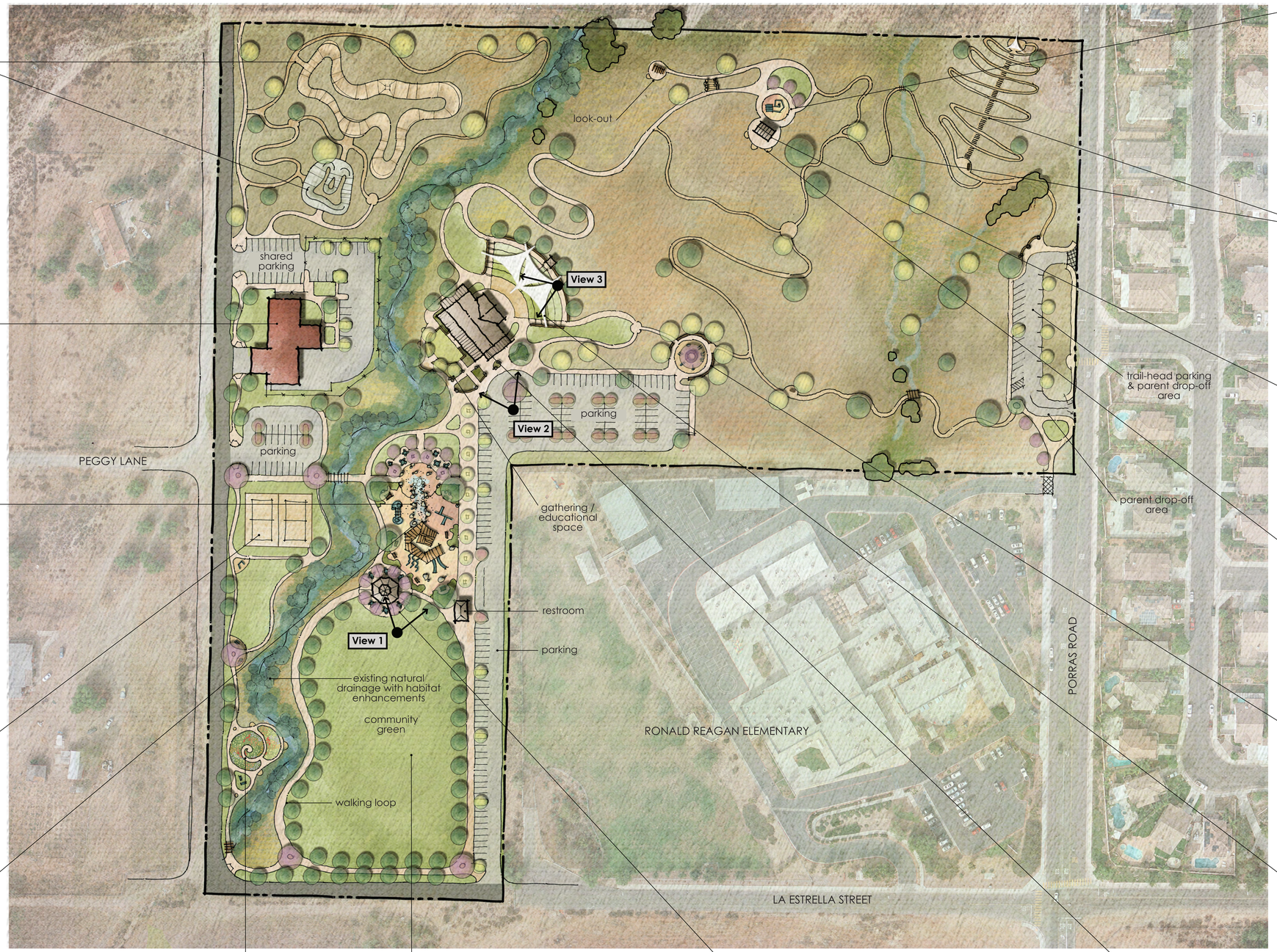
2) Fire Station

3) Splash Pad



4) Volleyball Courts

5) Adventure/Nature Play

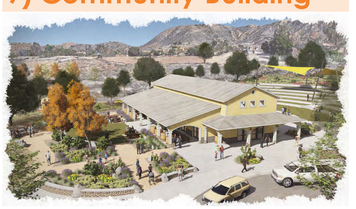


6) Demonstration Garden

7) Community Green

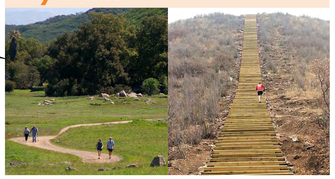
8) Picnic Pavilion

9) Community Building



15) Hill-top Play

14) Trails



13) Shade Structure/Sails

12) Educational Signage

11) Fitness Plaza/Stations

10) Amphitheater

APRIL 19, 2019

0' 30' 60' 120' 180'

SCALE 1" = 60'

CITY OF WILDOMAR — Est. 1886 Inc. 2008 — Tradition · Opportunity · Progress

rrm design group

WILDOMAR

27 ACRE PARK LAND VISIONING

APRIL 19, 2019

WILDOMAR

27 ACRE PARK LAND VISIONING

APRIL 19, 2019

WILDOMAR

27 ACRE PARK LAND VISIONING

APRIL 19, 2019

VIEW 3

CITY OF WILDOMAR

27 ACRE PARK

Adjacent to 35445 Wildomar Trails Rd, Wildomar, CA 92595

PROJECT DIRECTORY

OWNER
City of Wildomar
23873 Clinton Keith Rd., Suite 201 — Phone: 951.677.7751
Wildomar, CA — Fax:
Dan York, Assistant City Manager

LANDSCAPE ARCHITECT / CIVIL ENGINEER
RRM Design Group
32332 Camino Capistrano, Suite 205 — Phone: (949) 361-7950
San Juan Capistrano, CA 92675 — Fax: (949) 361-7955
Amanda Seibel, Project Manager

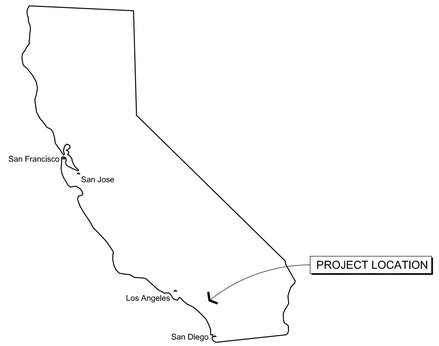
ELECTRICAL ENGINEER
P2S Engineers
500 East Spring Street, 8th floor — Phone: 562-467-2999
Long Beach, CA 90815-5218 — Fax:
Wes McKean, Associate Principal

BIKE PARK DESIGNER
Wormhoudt Inc.
849 Almar Avenue Suite 280 — Phone: 831-426-8424
Santa Cruz, CA 95060 — Fax:
Zachary Wormhoudt, Principal Landscape Architect

GEOTECHNICAL AND ENVIRONMENTAL SCIENCES CONSULTANTS
NINYO AND MOORE
475 Goddard, Suite 200 — Phone: 949.753.7070 (x12321)
Irvine, California 92618 — Fax: 949.753.7071
Michael Putt, Principal Geologist

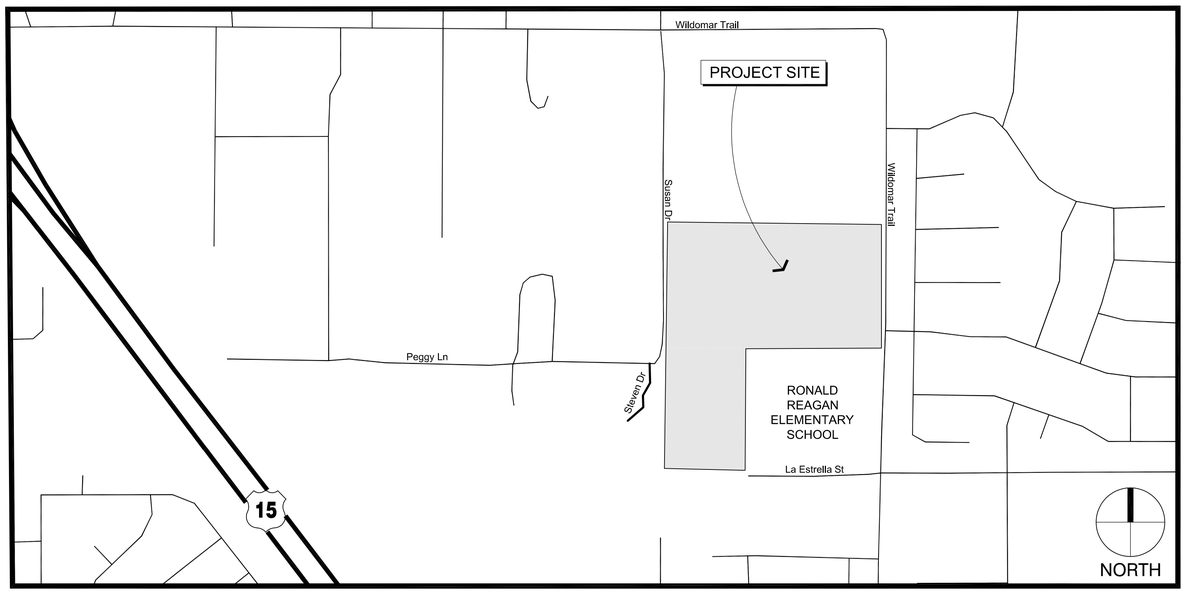
PROJECT DESCRIPTION

27 Acre Park is a neighborhood park with amenities including bike trails and courses, a fire station, splash pad, volleyball courts, adventure and nature play, gardens, community green, picnic pavilion, community building, amphitheater, fitness plaza, and trails.



STATE OF CALIFORNIA

CONTRACTOR MUST POSSESS A VALID CALIFORNIA CLASS 'A' OR 'B' LICENSE.



LOCATION MAP

NOT TO SCALE

PARK RENDERING

SHEET INDEX

G001	TITLE SHEET
G002	GENERAL NOTES
G003	GENERAL NOTES
G004	SITE PLAN
CE001	EXISTING CONDITIONS
CS-101	CIVIL CONSTRUCTION PLAN
CS-102	CIVIL CONSTRUCTION PLAN
CS-103	CIVIL CONSTRUCTION PLAN
CS104	CIVIL CONSTRUCTION PLAN
CS-105	CIVIL CONSTRUCTION PLAN
CS-106	CIVIL CONSTRUCTION PLAN
CS-107	CIVIL CONSTRUCTION PLAN
CS-108	CIVIL CONSTRUCTION PLAN
CC-101	TEMP. ENTRANCE ROAD PLAN & PROFILE
CC-102	TEMP. ENTRANCE ROAD PLAN & PROFILE
CC-103	WILDOMAR TRAIL ROAD PLAN & PROFILE
WQMP	DRAINAGE MAP EXHIBIT
CG-100	COMPOSITE GRADING PLAN
CG-101	GRADING & DRAINAGE PLAN
CG-102	GRADING & DRAINAGE PLAN
CG-103	GRADING & DRAINAGE PLAN
CG-104	GRADING & DRAINAGE PLAN
CG-105	GRADING & DRAINAGE PLAN
CG-106	GRADING & DRAINAGE PLAN
CG-107	GRADING & DRAINAGE PLAN
CG-108	GRADING & DRAINAGE PLAN
LC-101	CONSTRUCTION PLAN
LC-102	CONSTRUCTION PLAN
LC-103	CONSTRUCTION PLAN
LC-104	CONSTRUCTION PLAN
LC-105	CONSTRUCTION PLAN
LC-106	CONSTRUCTION PLAN
LC-500	CONSTRUCTION DETAILS
LC-501	CONSTRUCTION DETAILS
LC-502	CONSTRUCTION DETAILS
LC-503	CONSTRUCTION DETAILS
LC-504	CONSTRUCTION DETAILS
LP-100	PLANTING SCHEDULE AND NOTES
LP-101	PLANTING PLAN
LP-102	PLANTING PLAN
LP-103	PLANTING PLAN
LP-104	PLANTING PLAN
LP-105	PLANTING PLAN
LP-106	PLANTING PLAN
LP-500	PLANTING DETAILS
LI-001	IRRIGATION SCHEDULE & NOTES
LI-002	MAINLINE ROUTING PLAN
LI-101	IRRIGATION PLAN
LI-102	IRRIGATION PLAN
LI-103	IRRIGATION PLAN
LI-104	IRRIGATION PLAN
LI-105	IRRIGATION PLAN
LI-106	IRRIGATION PLAN
LI-500	IRRIGATION DETAILS
LI-501	IRRIGATION DETAILS
BP-1.0	BIKE PARK CONSTRUCTION PLAN
BP-2.0	BIKE PARK LAYOUT PLAN
BP-2.1	BIKE PARK LAYOUT RADIUS PLAN
BP-3.0	BIKE PARK ROUGH GRADING PLAN
BP-3.1	BIKE PARK FINE GRADING PLAN
BP-4.0	BIKE PARK MATERIALS PLAN
BP-5.0	STANDARD BIKEPARK DETAILS & BUILT BIKEPARK FEATURES
BP-6.0	BIKEPARK DETAILS
BP-6.1	BIKEPARK DETAILS
BP-6.2	BIKEPARK DETAILS
E.01	GENERAL NOTES, LEGEND, ABBREVIATIONS & SHEET INDEX
E.02	SCHEDULES
E1.0	OVERALL SITE PLAN
E2.0	SITE POWER AND LIGHTING PLAN
E3.0	DETAILS
E3.0	TITLE 24 ENERGY COMPLIANCE FORMS - next submittal

DIG ALERT

DIAL TOLL FREE

811

AT LEAST 2 DAYS BEFORE YOU DIG

JUNE 7, 2022

TITLE SHEET

rrm design group

NOTE:
WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.

The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the design hereon. In the event of discrepancies arising after City acceptance or during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for acceptance by the City.

MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER — CITY

CITY OF WILDOMAR
ACCEPTED BY:
Date:
Daniel A. York, Director of Public Works/ City Engineer, PE 43212
ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675
PREPARED BY:
R.C.E. No. EXP.

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____
THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)
SCALE: H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK

SHEET No.
G001
#

N:\1000\1064-01-RC17-27-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\G001 TITLE SHEET.dwg, G001, Jun 07, 2022 9:05am, aseabolt

GENERAL NOTES

1. NO CONSTRUCTION SHALL BE STARTED WITHOUT PLANS APPROVED BY THE CITY ENGINEERING DEPARTMENT. THE CITY ENGINEER SHALL BE NOTIFIED AT LEAST TWENTY-FOUR HOURS PRIOR TO STARTING OF CONSTRUCTION. ANY CONSTRUCTION DONE WITHOUT APPROVED PLANS OR PRIOR NOTIFICATION TO THE CITY ENGINEER WILL BE REJECTED AND WILL BE AT THE CONTRACTOR'S AND/OR OWNER'S RISK.
2. A PRE-CONSTRUCTION MEETING SHALL BE COORDINATED BY THE OWNER/DEVELOPER OR CONTRACTOR AND SHALL INCLUDE PERTINENT CITY STAFF. AS A MINIMUM, THE ASSIGNED BUILDING INSPECTOR, PUBLIC WORKS INSPECTOR, NATURAL RESOURCE MANAGER, AND CONTRACT PLANNER SHALL BE INCLUDED IN THIS MEETING TO DISCUSS THE LIMIT OF PUBLIC AND PRIVATE IMPROVEMENTS AND THE CORRESPONDING INSPECTION RESPONSIBILITIES.
3. ALL CONSTRUCTION WORK AND INSTALLATIONS SHALL CONFORM TO THE MOST CURRENT (AUGUST 2020) CITY OF SAN LUIS OBISPO STANDARDS AND SPECIFICATIONS, AND ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.
4. ALL GRADING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SOILS ENGINEERING REPORT PREPARED BY: NINYO & MOORE GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, DATED MARCH 26, 2021; CONTACT PERSON: DANIEL B. CHU, PE.
5. RECORD PLANS ARE TO BE PREPARED AFTER CONSTRUCTION IS COMPLETED. THE CIVIL ENGINEER CERTIFYING THE IMPROVEMENTS AND PREPARING THE RECORD PLANS SHALL BE PRESENT WHEN THE FINAL INSPECTION IS MADE.
6. AN INSPECTION AGREEMENT IS REQUIRED PRIOR TO THE START OF CONSTRUCTION.
7. FOR ANY PUBLIC IMPROVEMENT TO BE MAINTAINED BY THE CITY, IF ENVIRONMENTAL PERMITS FROM THE U.S. ARMY CORPS OF ENGINEERS, THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD/STATE, OR THE CALIFORNIA DEPARTMENT OF FISH & GAME ARE REQUIRED, THE DEVELOPER SHALL EITHER SUBMIT A COPY OF ALL SUCH COMPLETED PERMITS TO THE CITY DEPARTMENT OF PUBLIC WORKS OR DOCUMENT THAT THE REGULATORY AGENCIES DETERMINED THAT SAID PERMIT IS NOT REQUIRED; PRIOR TO TO ACCEPTANCE OF THE COMPLETED IMPROVEMENTS FOR CITY MAINTENANCE AND RELEASE OF IMPROVEMENT SECURITY. ANY MITIGATION MONITORING REQUIRED BY SAID PERMIT WILL REMAIN THE RESPONSIBILITY OF THE DEVELOPER.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND IMPROVEMENTS PRIOR TO START OF CONSTRUCTION. EXISTING UTILITIES AND IMPROVEMENTS SHOWN ON THE CONSTRUCTION PLANS ARE FROM RECORD SOURCES AND WERE SHOWN FOR DESIGN PURPOSES ONLY.
9. ALL UTILITY COMPANIES MUST BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION BY THE CONTRACTOR.
10. CONTRACTOR TO TELEPHONE UNDERGROUND SERVICE ALERT (USA) TOLL FREE AT 811 A MINIMUM OF FORTY-EIGHT WORKING HOURS PRIOR TO THE START OF CONSTRUCTION. FOR BEST RESPONSE, PROVIDE AS MUCH NOTICE AS POSSIBLE, UP TO TEN WORKING DAYS.
11. CONSTRUCTION CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR LOCATING OR HAVING LOCATED ALL UNDERGROUND UTILITIES AND RELATED FACILITIES AND FOR PROTECTING SAME DURING THE COURSE OF CONSTRUCTION. ALL UTILITIES THAT ARE NOT A MEMBER OF USA MUST ALSO BE NOTED.
12. A CITY ENCROACHMENT PERMIT IS REQUIRED FOR ALL WORK DONE WITHIN THE CITY RIGHT-OF-WAY. WORK REQUIRING AN ENCROACHMENT PERMIT INCLUDES BUT IS NOT LIMITED TO DEMOLITIONS, UTILITIES, WATER, SEWER, AND FIRE SERVICE LATERALS, CURB, GUTTER, AND SIDEWALK, DRIVEWAY APPROACHES, SIDEWALK UNDERDRAINS, STORM DRAIN IMPROVEMENTS, STREET TREE PLANTING OR PRUNING, CURB RAMPS, STREET PAVING, AND PEDESTRIAN PROTECTION OR CONSTRUCTION STAGING IN THE RIGHT-OF-WAY. ALL WORK LOCATED WITHIN THE PUBLIC RIGHT-OF-WAY OR WITHIN THE JURISDICTION OF THE CITY UTILITIES AND PUBLIC WORKS DEPARTMENTS SHALL COMPLY WITH THE MOST CURRENT EDITION OF THE ENGINEERING STANDARDS AND STANDARD SPECIFICATIONS. THE CURRENT ADOPTED STANDARDS ARE DATED AUGUST 2020.
13. CONTACT PUBLIC WORKS INSPECTION HOTLINE AT 781-7554 WITH AT LEAST A 48 HOUR NOTICE FOR ANY REQUIRED ENCROACHMENT PERMIT INSPECTIONS OR FINAL INSPECTIONS.
14. THE CONTRACTOR SHALL PROVIDE A LEGIBLE AND COMPLETE SET OF PLANS IDENTIFYING ALL MODIFICATIONS MADE DURING CONSTRUCTION TO THE DESIGN ENGINEER FOR THE RECORD DRAWINGS.
15. ANY PROPOSED DEVIATIONS FROM THE PLANS MUST BE SUBMITTED TO THE DESIGN ENGINEER FOR REVIEW AND APPROVAL, INCLUDING FIELD REVISIONS REQUESTED BY THE CITY INSPECTOR.
16. THE DESIGN OF THE SURFACE IMPROVEMENTS IS BASED ON THE CITY'S RECORD INFORMATION (SURVEYS AND DRAWINGS), IMMEDIATELY AFTER THE CONSTRUCTION CONTRACT IS AWARDED, THE CONTRACTOR SHALL VERIFY THE RELATIVE ELEVATIONS AS SPECIFIED ON THESE PLANS AND NOTIFY THE DESIGN ENGINEER. THE CONSTRUCTION DRAWINGS ELEVATIONS WILL THEN BE MODIFIED ACCORDINGLY, AND A REVISED SET FURNISHED TO THE CONTRACTOR. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY REQUIRED REWORK IF CONSTRUCTION BEGINS WITHOUT VERIFYING THE SPECIFIED ELEVATIONS AND NOTIFYING THE DESIGN ENGINEER.
17. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OR PROPER RESETTING OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS. ANY SURVEY MONUMENTS DESTROYED BY THE CONTRACTOR SHALL BE REPLACED IN ACCORDANCE WITH THE STATE LAND SURVEYORS ACT AT THE CONTRACTOR'S EXPENSE.
18. ALL PROPERTY CORNER MONUMENTS SHALL BE IN PLACE AND IDENTIFIED AT THE TIME OF THE FOUNDATION INSPECTION REQUEST.
19. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL SUBMIT AND OBTAIN APPROVAL OF A PEDESTRIAN PROTECTION PLAN IN CONFORMANCE WITH THE CALIFORNIA BUILDING CODE.
20. CONTRACTOR TO SHALL PREVENT SOIL FROM WASHING ONTO THE SIDEWALK BY EITHER INSTALLING A HEADER BOARD, WALL, BERM, OR PROVIDING A TWO FOOT WIDE LEVEL AREA.
21. A COMPACTION REPORT SHALL BE PROVIDED BY A SOILS ENGINEER STATING THAT THE BASE AND SUBGRADE WERE PREPARED IN ACCORDANCE WITH THE PROJECT SOILS REPORT OR THE CITY PARKING AND DRIVEWAY STANDARDS, 95% MINIMUM COMPACTION.
22. IF DE-WATERING IS REQUIRED, A LOW THREAT DISCHARGE PERMIT FROM CITY ENVIRONMENTAL COMPLIANCE MAY BE REQUIRED.
23. CONTRACTOR SHALL PROVIDE A TRAFFIC AND PEDESTRIAN CONTROL PLAN SHALL BE SUBMITTED TO THE PUBLIC WORKS DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO ENCROACHMENT PERMIT ISSUANCE.
24. THE CITY INSPECTOR ACTING ON BEHALF OF THE CITY DEPARTMENT OF PUBLIC WORKS MAY REQUIRE REVISIONS IN THE PLANS TO SOLVE UNFORSEEN PROBLEMS THAT MAY ARISE IN THE FIELD. REVISIONS SHALL BE SUBJECT TO THE APPROVAL OF THE DEVELOPER'S ENGINEER.
25. HYDROSEEDING SHALL BE PLACED ON ALL DISTURBED SURFACES OTHER THAN PAVED OR GRAVEL SURFACES, PRIOR TO FINAL INSPECTION. SEED MIX SHALL BE SPECIFIED BY CITY BIOLOGIST.
26. TEMPORARY EROSION CONTROL DEVICES SHALL BE ON SITE DURING CONSTRUCTION ACTIVITY TO BE IMPLEMENTED PRIOR TO A PREDICTED RAIN EVENT OF 50% PROBABILITY OR GREATER
27. ANY SECTIONS OF DAMAGED OR DISPLACED CURB, GUTTER & SIDEWALK OR DRIVEWAY APPROACH SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE PUBLIC WORKS DIRECTOR
28. ALL STORM WATER EROSION CONTROL AND SEDIMENT CONTROL DEVICES / MEASURES (I.E. BMPS) SHALL BE IN PLACE THROUGHOUT THE YEAR DURING GROUND DISTURBING ACTIVITIES.
29. DIGITAL DRAWINGS OF HORIZONTAL CONTROL PROVIDED TO SURVEY FOR PURPOSE OF CONSTRUCTION
30. THE PUBLIC IMPROVEMENTS SHALL BE SUBSTANTIALLY COMPLETE TO THE SATISFACTION OF THE PUBLIC WORKS DIRECTOR PRIOR TO FINAL INSPECTION APPROVALS AND/OR OCCUPANCY OF ANY BUILDING.
31. "RECORD" DRAWINGS OR "AS-BUILT" PLANS ARE REQUIRED FOR ALL WORK WITHIN THE PUBLIC RIGHT-OF- WAY OR WITHIN CITY EASEMENTS AT THE COMPLETION OF THE PROJECT PER CITY STANDARDS AND CITY STANDARD SPECIFICATIONS. THE RECORD DRAWINGS SHALL BE RECEIVED AND ACCEPTED BY THE CITY PRIOR TO FINAL INSPECTION APPROVALS AND/OR OCCUPANCY OF ANY BUILDING.
32. STORMWATER AND DRAINAGE SYSTEM CERTIFICATION IS REQUIRED FROM THE ENGINEER OF RECORD PRIOR TO FINAL INSPECTION APPROVALS, THE ENGINEER SHALL CERTIFY THAT THE DRAINAGE AND STORMWATER SYSTEM COMPONENTS HAVE BEEN INSPECTED AND ARE IN GENERAL CONFORMANCE WITH THE DRAINAGE REPORT, SYSTEM DESIGN, AND THE APPROVED PLANS, INCLUDING ALL FINAL ELEVATIONS, COMPONENT SIZING, DETENTION BASINS, PARKING LOT DETENTION CURB ELEVATIONS, DRAINAGE PIPING, INLETS, WEIR ELEVATIONS, AND ORIFICES.

UTILITY NOTES

1. UTILITIES SHOWN ARE ACCURATE TO THE EXTENT OF AVAILABLE RECORDS AND KNOWLEDGE. THE CONTRACTOR HAS THE RESPONSIBILITY TO VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND TO NOTIFY UTILITY COMPANIES WHEN WORKING IN THEIR PROXIMITY. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL POTHOLE TO VERIFY ALL EXISTING UTILITY POINTS OF CONNECTION AND ELEVATIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IF ANY DISCREPANCIES EXIST BETWEEN THE PLANS AND FIELD CONDITIONS PERTAINING TO MATERIALS, ELEVATIONS, LOCATIONS, ETC., PRIOR TO CONTINUING WORK.
2. THE ENGINEERED DRY UTILITY PLANS WILL BE A DEFERRED SUBMITTAL ITEM. THE ENGINEERED DRY UTILITY PLANS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD TO REVIEW FOR CONFORMANCE WITH THE APPROVED PLANS. THE DEFERRED SUBMITTAL ITEMS SHALL BE FORWARDED TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO COMMENCING ANY ON-SITE OF OFF-SITE UTILITY CONSTRUCTION.
3. ALL WATER VALVES THAT ARE DEEPER THAN 4' SHALL BE A EQUIPPED WITH A STEEL VALVE STEM EXTENSION THAT WILL ALLOW VALVE OPERATION WITH STANDARD LENGTH VALVE KEY. VALVE OPERATING NUTS SHALL BE BETWEEN 2' TO 4' BELOW GRADE. THE STEEL VALVE STEM EXTENSION SHALL BE STEEL ONLY BY PIPE LINE PRODUCTS OR APPROVED EQUAL
4. THE DRY UTILITY SERVICE LINES AND BOXES SHOWN IN THESE PLANS ARE SCHEMATIC AND BASED ON PROVIDED PLANS FROM THE UTILITY PROVIDER. THE CONTRACTOR IS REQUIRED TO OBTAIN THE FINAL PLANS FROM THE UTILITY PROVIDER AND VERIFY THE FINAL ALIGNMENT PER THEIR APPROVED PLANS PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ROUTING THE SERVICE WIRE THROUGH THE CONDUIT RUNS TO PROVIDE SERVICE TO THE SHOWN EQUIPMENT.

GRADING NOTES

1. ALL GRADING SHALL BE IN CONFORMANCE WITH THE CITY OF WILDOMAR GRADING ORDINANCES, THE STANDARDS AND REQUIREMENTS PERTAINING THERETO, THIS PLAN, AND THE RECOMMENDATIONS AND REQUIREMENTS OF THE SUPERVISING SOILS ENGINEER.
2. ALL EXPORT MATERIAL SHALL BE DISPOSED OF AND SPREAD WITHIN THE OVERALL LIMITS OF THE 27 ACRE WILDOMAR PARK DEVELOPMENT.
3. DUST CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH CITY GRADING ORDINANCE AND COUNTY APCD REQUIREMENTS.
4. CONSTRUCTION CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR PROTECTION OF PUBLIC AND PRIVATE PROPERTY ADJACENT TO THE JOB SITE AND THAT HE/SHE SHALL AT HIS/HER EXPENSE, REPAIR OR REPLACE TO ORIGINAL CONDITION ALL EXISTING IMPROVEMENTS WITHIN OR ADJACENT TO THE JOB SITE WHICH ARE DESIGNATED FOR REMOVAL AND WHICH ARE DAMAGED OR REMOVED AS A RESULT OF HIS/HER OPERATIONS.
5. NO CUT OR FILL SLOPES WILL BE CONSTRUCTED STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1), UNLESS OTHERWISE APPROVED BY THE SOILS ENGINEER.
6. MINIMUM DRAINAGE GRADIENT OF 5% IS REQUIRED FOR A MINIMUM OF10' AWAY FROM THE BUILDING PAD/FOUNDATION IN ACCORDANCE WITH THE BUILDING CODES FOR LANDSCAPED AREAS ADJACENT TO BUILDINGS (SEE CBC SECTION 1804.3)
7. ALL SURFACE AND SUBSURFACE DRAINAGE SYSTEMS DESIGNED AT LESS THAN 2% SHALL HAVE FINAL GRADIENTS CERTIFIED BY A LICENSED SURVEYOR OR ENGINEER PRIOR TO FINAL INSPECTION.
8. SOILS TESTS SHALL BE DONE IN ACCORDANCE WITH THE CITY STANDARDS AND SPECIFICATIONS SECTION 6-3.01 AND 6-3.03. ALL TESTS MUST BE MADE WITHIN 15 DAYS PRIOR TO PLACING THE MATERIAL. THE TEST RESULTS SHALL CLEARLY INDICATE THE LOCATION AND SOURCE OF THE MATERIAL.
9. COMPACTION TESTS SHALL BE MADE ON SUBGRADE MATERIAL AND MATERIAL AS SPECIFIED BY THE ENGINEER. SAID TESTS SHALL BE MADE PRIOR TO THE PLACING OF THE NEXT MATERIAL.GRADING AND COMPACTIONS REQUIREMENTS SHOULD BE AS PER THE RECOMMENDATIONS OF THE SOILS ENGINEER REPORT AND/OR COUNTY OF RIVERSIDE STANDARDS.
10. SUBGRADE MATERIAL SHALL BE COMPACTED TO A RELATIVE COMPACTION OF 95% INTHE ZONE BETWEEN FINISHED SUBGRADE ELEVATION AND ONE FOOT BELOW. ALL MATERIAL IN FILL SECTIONS BELOW THE ZONE MENTIONED ABOVE SHALL BE COMPACTED TO 90% RELATIVE COMPACTION.
11. FINAL REPORTS SHALL BE REQUIRED IN ACCORDANCE WITH CHAPTER 18 OF THE CBC
12. DURING CONSTRUCTION/GROUND DISTURBING ACTIVITIES, THE APPLICANT SHALL IMPLEMENT THE FOLLOWING PARTICULATE [DUST] CONTROL MEASURES, THESE MEASURES SHALL BE SHOWN ON THE GRADING AND BUILDING PLANS. IN ADDITION, THE CONTRACTOR OR BUILDER SHALL DESIGNATE A PERSON OR PERSONS TO MONITOR THE DUST CONTROL PROGRAM AND TO ORDER INCREASED WATERING AS NECESSARY, TO PREVENT TRANSPORT OF DUST OFF SITE. THEIR DUTIES SHALL INCLUDE HOLIDAY AND WEEKEND PERIODS WHEN WORK MAY NOT BE IN PROGRESS. THE NAME AND TELEPHONE NUMBER OF SUCH PERSONS SHALL BE PROVIDED TO THE APCD PRIOR TO COMMENCEMENT OF CONSTRUCTION.

    A. USE OF WATER TRUCKS OR SPRINKLER SYSTEMS IN SUFFICIENT QUANTITIES TO PREVENT AIRBORNE DUST FROM LEAVING THE SITE. INCREASED WATERING FREQUENCY WOULD BE REQUIRED WHENEVER WIND SPEEDS EXCEED 15 MPH. RECLAIMED (NON POTABLE) WATER SHALL BE USED WHENEVER POSSIBLE.
13. CONSISTENT WITH THE ARCHAEOLOGICAL PRESERVATION PROGRAM GUIDELINES, A QUALIFIED ARCHAEOLOGIST SITE MONITOR SHALL BE PRESENT DURING SITE DISTURBANCE ACTIVITIES ASSOCIATED WITH THE CONSTRUCTION PROJECT. IF EXCAVATIONS ENCOUNTER SIGNIFICANT PALEONTOLOGICAL RESOURCES, ARCHAEOLOGICAL RESOURCES OR CULTURAL MATERIALS, THEN CONSTRUCTION ACTIVITIES WHICH MAY AFFECT THEM SHALL CEASE UNTIL THE EXTENT OF THE RESOURCE IS DETERMINED AND APPROPRIATE PROTECTIVE MEASURES ARE APPROVED BY THE COMMUNITY DEVELOPMENT DIRECTOR. THE COMMUNITY DEVELOPMENT DIRECTOR SHALL BE NOTIFIED OF THE EXTENT AND LOCATION OF DISCOVERED MATERIALS SO THAT THEY MAY BE RECORDED BY A QUALIFIED ARCHAEOLOGIST. IF PRE-HISTORIC NATIVE AMERICAN ARTIFACTS ARE ENCOUNTERED, A NATIVE AMERICAN MONITOR SHOULD BE CALLED IN TO WORK WITH THE ARCHAEOLOGIST TO DOCUMENT AND REMOVE THE ITEMS. DISPOSITIONS OF ARTIFACTS SHALL COMPLY WITH STATE AND FEDERAL LAWS. ARCHAEOLOGICAL OBSERVATION TO BE PROVIDED BY: APPLIED EARTHWORKS, ERIN ENRIGHT (805) 594-1590 .
14. ALL DISTURBED SURFACES SLOPED FOUR HORIZONTAL TO ONE VERTICAL (4:1) AND GREATER AND AREAS USED TO CONVEY CONCENTRATED DRAINAGE SHALL BE PREPARED AND MAINTAINED TO CONTROL EROSION BY EFFECTIVE PLANTING TO BE COMPLETED NO LATER THAN 30 DAYS PRIOR TO A REQUEST FOR FINAL INSPECTION APPROVALS.
15. ALL ACTIVITIES ASSOCIATED WITH CONSTRUCTION AND OPERATION FOR THE SUBDIVISION MAP SHALL COMPLY AT ALL TIMES WITH ALL CURRENT APCD RULES AND REGULATIONS AS APPLICABLE, INCLUDING BUT NOT LIMITED TO PM-10, NOx EMISSIONS, BEST AVAILABLE CONTROL TECHNOLOGIES, CONSTRUCTION ACTIVITY MANAGEMENT PLANS, AND PHASING TECHNIQUES.
16. RECYCLED WATER IS AVAILABLE FOR USE FOR DUST SUPPRESSION AND OTHER GRADING ACTIVITIES THROUGH A CONSTRUCTION WATER PERMIT. PLEASE CONTACT THE WATER RESOURCES PROGRAM MANAGER FOR INFORMATION ON THIS PERMIT (805-781-7217), A TEMPORARY METER CAN BE OBTAINED FROM THE UTILITIES DEPARTMENT FOR GRADING OPERATIONS USING METERED WATER FROM THE RECYCLED WATER SYSTEM.
17. A FIRE DEPARTMENT PERMIT IS REQUIRED IF FUEL IS STORED ON-SITE.
18. TRACKING ONTO THE PUBLIC RIGHT-OF-WAY SHALL BE MINIMIZED. THE ADJOINING STREET AND SIDEWALK SHALL BE CLEANED BY SWEEPING TO REMOVE DIRT, DUST, MUD, AND CONSTRUCTION. DEBRIS AT THE END OF EACH WORKING DAY.

APPROXIMATE EARTH QUANTITIES

PRELIMINARY GRADING CUT: 31,000 CY cu yd
PRELIMINARY GRADING FILL: 31,000 CY cu yd
PRELIMINARY GRADING NET: 0

AREA OF DISTURBANCE: 525,445 SF

THE RAW EARTHWORK QUANTITIES SHOWN HEREON REPRESENT THE ESTIMATED VOLUMETRIC DIFFERENCE BETWEEN THE PROPOSED ROUGH GRADE AND THE LIMITED TOPOGRAPHIC EXISTING GRADES. THESE ESTIMATES DO NOT MAKE CONSIDERATIONS FOR LOSSES OR BULKING DUE TO: SHRINKAGE, SOIL AMENDMENTS, STABILIZATION, CONSTRUCTION TECHNIQUE, FOOTING & TRENCHING SPOILS, ETC.. THESE, IN ADDITION TO ACTUAL FIELD CONDITIONS AND THE FINAL RECOMMENDATIONS OF THE SOILS ENGINEER, MAY SIGNIFICANTLY EFFECT THE FINAL IMPORT/EXPORT QUANTITIES.

CONTRACTOR IS RESPONSIBLE FOR ADJUSTMENTS TO SLOPE HINGE POINTS IN ORDER TO PROVIDE GRADED PAD AREA ADJACENT TO PATHS WALKWAYS, AND ROADS FOR LOT UTILITY BOXES, TRANSFORMERS, AND ABOVE GROUND UTILITY INFRASTRUCTURE.

ABBREVIATIONS

AC	ASPHALT
AP	ANGLE POINT
BCR	BEGIN CURVE
BW	BACK OF WALK
CB	CATCH BASIN
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
DIP	DUCTILE IRON PIPE
EX	EXISTING
EL	ELEVATION
FF	FINISHED FLOOR
FG	FINISHED GRADE
FL	FLOWLINE
FS	FINISHED SURFACE
FP	FINISHED PAD
GFF	GARAGE FINISHED FLOOR
IPS	IRON PIPE SIZE
JT	JOINT TRENTH
PL	PROPERTY LINE
PCL	PARCEL
PCC	PORLAND CEMENT CONCRETE
POC	POINT ON CURVE
PRC	POINT OF REVERSE CURVE
ROW	RIGHT OF WAY
RW	RECYCLED WATER
SFM	SEWER FORCE MAIN
SL	STREET LIGHT SERVICE LATERAL
SS	SANITARY SEWER
TBM	TEMPORARY BENCHMARK
TC	TOP OF CURB
TF	TOP OF FOOTING
TG	TOP OF GRATE
TYP	TYPICAL
TW	TOP OF WALL
UNO	UNLESS NOTED OTHERWISE
WSE	WATER SURFACE ELEVATION
FS LAT	FIRE SERVICE LATERAL
W	WATER
SDDI	STORM DRAIN DRAIN INLET
FLCP	FIBER LINED CONCRETE PIPE

DEMOLITION NOTES

1. THIS DEMOLITION PLAN WAS PREPARED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ARCHITECT AND THE ENGINEER DO NOT REPRESENT THAT ALL ITEMS WHICH MAY REQUIRE DEMOLITION HAVE BEEN SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CAREFULLY EXAMINE THE SITE AND DETERMINE WHAT MAY BE REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.
2. DEMOLITION WORK AND ABANDONMENT SHALL CONFORM TO THE LATEST VERSION OF THE UNIFORM BUILDING CODE, TITLE 24, AND ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OF RECORD.
3. NO DEMOLITION SHALL BE STARTED WITHOUT APPROVED PLANS. THE OWNER SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO STARTING DEMOLITION.
4. THE PLANS DO NOT AUTHORIZE SITE DISTURBANCE BEYOND THE LIMITS AS REPRESENTED ON THESE PLANS UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ALL ITEMS DAMAGED DURING DEMOLITION AND CONSTRUCTION TO ITS ORIGINAL CONDITION OR TO THE SATISFACTION OF THE CITY.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER STORAGE OF ANY ITEMS TO BE RELOCATED.
7. ALL ITEMS ARE THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL SALVAGE ANY ITEMS AT THE REQUEST OF THE OWNER.
8. ALL DEBRIS FROM THE DEMOLITION PROCESS SHALL BE REMOVED FROM THE SITE TO AN APPROVED DUMP AT THE CONTRACTOR'S EXPENSE UNLESS OTHERWISE NOTED.
9. ALL HAZARDOUS MATERIALS SHALL BE REMOVED PRIOR TO ANY DEMOLITION OR ACTIVITY WHICH WOULD DISTURB THAT MATERIAL BY A LICENSED ABATEMENT CONTRACTOR.
10. IF ASBESTOS IS FOUND IN THE EXISTING STRUCTURES TO BE DEMOLISHED, THEN ASBESTOS MUST BE REMOVED IN ACCORDANCE WITH APPLICABLE CITY, COUNTY, STATE AND FEDERAL GUIDELINES OR REQUIREMENTS. REMOVAL OF ASBESTOS MATERIAL SHALL BE COMPLETED BY A CONTRACTOR LICENSED TO HANDLE ASBESTOS MATERIAL.
11. ALL STREETS, ALLEYS, VEHICULAR WAYS, SIDEWALKS, AND HAUL ROUTES SHALL BE KEPT CLEAN AND CLEAR OF DEBRIS, DIRT AND DUST IN A MANNER ACCEPTABLE TO THE CITY. AT A MINIMUM, THESE AREAS SHALL BE CLEANED AT THE END OF EACH WORK DAY. FAILURE TO DO SO WILL RESULT IN A "STOP WORK" NOTICE. SAID NOTICE WILL NOT BE RELEASED UNTIL THE AREA HAS BEEN ADEQUATELY CLEANED. THE FLUSHING OF DIRT OR DEBRIS INTO STORM DRAIN OR SANITARY SEWER FACILITIES SHALL NOT BE PERMITTED.
12. ALL ABANDONED UTILITIES SHALL BE MARKED IN THE FIELD AND LOCATED ON THE DRAWINGS OF RECORD BY THE CONTRACTOR WHICH WILL BE SUPPLIED TO BOTH THE ENGINEER OF RECORD AND THE OWNER AT THE CONCLUSION OF THE DEMOLITION WORK.
13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. EXISTING UTILITIES AND IMPROVEMENTS SHOWN ON THESE PLANS ARE FROM RECORD SOURCES AND SPOT CHECKS. UTILITIES ARE SHOWN FOR DESIGN PURPOSES ONLY.
14. THE CONTRACTOR SHALL ONLY REMOVE THOSE UNDERGROUND FACILITIES SPECIFICALLY NOTED FOR REMOVAL. DAMAGE TO EXISTING FACILITIES TO REMAIN SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
15. THE CONTRACTOR MUST NOTIFY ALL UTILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.
16. CONTRACTOR TO TELEPHONE UNDERGROUND SERVICE ALERT (USA) TOLL FREE AT 811 A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. FOR BEST RESPONSE, PROVIDE AS MUCH NOTICE AS POSSIBLE, UP TO 10 WORKING DAYS.
17. CONTRACTOR SHALL NOT INTERRUPT ANY SERVICES OR DISRUPT THE OPERATION OF ADJACENT BUSINESSES, RESIDENTIAL AREAS OR ONSITE FACILITIES OUTSIDE THE LIMITS OF DEMOLITION.
18. CONTRACTOR SHALL OBTAIN A DEMOLITION PERMIT FOR WORK WITHIN THE CITY RIGHT OF WAY FROM THE CITY PRIOR TO THE START OF WORK.
19. THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FOR WORK WITHIN THE CITY RIGHT OF WAY FROM THE CITY PRIOR TO THE START OF WORK.
20. CONTRACTOR TO REMOVE AND DISPOSE OF ALL WOOD, CONCRETE, A.C. PAVING, AGGREGATE BASE, AND VEGETATION AS SHOWN UNLESS OTHERWISE NOTED ON THE PLANS.
21. REMOVE TREES, TOGETHER WITH THE BULK OF THE ROOTS, TO A MINIMUM DEPTH OF 4 FEET BELOW EXISTING GRADE AND WITHIN A RADIUS OF 7 FEET BEYOND THE PERIMETER OF THE TRUNK AT GROUND LINE.
22. FILL AND COMPACT HOLES RESULTING FROM TREES AND TREE STUMP REMOVAL TO REQUIRED DENSITY. FILLING SHALL NOT BE DONE UNTIL HOLES HAVE BEEN APPROVED BY THE OWNER'S REPRESENTATIVE.
23. DUST CONTROL SHALL BE MAINTAINED TO THE SATISFACTION OF THE CITY OF WILDOMAR.
24. CONTRACTOR TO DISPOSE OF ALL MATERIALS PER CONSTRUCTION AND DEMOLITION RECYCLING PLAN FOR THIS PROJECT.
25. PROTECT EXISTING FACILITIES OUTSIDE THE LIMITS OF DEMOLITION UNLESS OTHERWISE NOTED.
26. TREE REMOVALS MAY REQUIRE APPROVAL BY THE CITY ARBORIST. CONTACT THE CITY ARBORIST AT 781-7023 TO REVIEW ANY PROPOSAL FOR TREE REMOVALS AND TO INITIATE AN APPLICATION FOR A TREE REMOVAL PERMIT IF APPLICABLE.
27. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AND MAINTAINED TO THE SATISFACTION OF THE BUILDING OFFICIAL AND PUBLIC WORKS DIRECTOR DURING ALL DEMOLITIONS, CONSTRUCTION AND GROUND DISTURBING ACTIVITIES.

LEGEND

- 315 — EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- 315 — PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- TRACT BOUNDARY
- CENTER LINE
- LOT LINE
- X X — FENCE LINE (FNL)
- SAWCUT LINE
- EASEMENT LINE
- 2:1 — SLOPE DIRECTION AND GRADE
- INSTALL CENTERLINE MONUMENT
- STORM DRAIN HEADWALL
- INSTALL WATER VALVE
- INSTALL 17" x 30" TRAFFIC RATED PULL BOX
- EX. BRUSH
- INSTALL PROPOSED SIGN
- INSTALL STREET LIGHT PER CITY STD
- INSTALL WATER LATERAL , METER, AND SERVICE
- SD CATCH BASIN PER CITY STD
- DRAIN INLET PER PLAN
- SDMH PER CITY STD
- SSMH PER CITY STD
- SEWER BACKWATER VALVE
- DRY UTILITIES (PHONE, POWER, CABLE)
- SS — EX. SANITARY SEWER
- SD — EX. STORM DRAIN
- OH — EX. OVERHEAD POWER LINE
- W — WATER MAIN (W)
- SS — SEWER LINE
- SD — STORM DRAIN LINE
- SFM — SEWER FORCE MAIN LINE
- G — GAS LINE
- RW — RECYCLED WATER MAIN
- INSTALL GATE VALVE WITH THRUST BLOCK: VALVES SHOWN ON NORTH AND WEST LEGS — SEE PLAN VIEW FOR ACTUAL LOCATIONS
- BLOW-OFF ASSEMBLY PER CITY STD
- RETAINING WALL PER PLAN
- CONCRETE PER PLAN
- FENCE LINE
- FIRE HYDRANT (FH) PER CITY STD
- BARRICADE
- EX. POWER POLE
- TRUNCATED DOMES PER CALTRANS STD PLAN A88A
- BASIN AREA
- EXISTING CHAINLINK FENCE

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NOTE:
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The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the design hereon. In the event of discrepancies arising after City acceptance or during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for acceptance by the City.

MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER — CITY

CITY OF WILDOMAR
ACCEPTED BY:
Date:
Daniel A. York, Director of Public Works/ City Engineer, PE 43212
ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER: REGISTERED PROFESSIONAL ENGINEER — NOAH GORDON WALTERS — C90156 — CIVIL — STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675
PREPARED BY: _____
R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S

GENERAL CONSTRUCTION NOTES

1. HOURS OF WORK SHALL BE 8:00 AM TO 5:00 PM MONDAY - FRIDAY, EXCEPT CITY HOLIDAYS.
2. COMPLY WITH STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
3. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL JOIN CONDITIONS FOR GRADING, DRAINAGE, AND UNDERGROUND FACILITIES, INCLUDING LOCATION AND ELEVATION OF EXISTING FACILITIES AT CROSSINGS WITH PROPOSED UNDERGROUND FACILITIES. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE CITY AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED AND RESOLVED.
4. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE PLANS AND SITE CONDITIONS PRIOR TO BEGINNING WORK. SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS, THE CONTRACTOR SHALL NOTIFY AND RECEIVE DIRECTION FROM THE CITY BEFORE PROCEEDING WITH THE WORK IN QUESTION.
5. ONLY "APPROVED" STAMPED AND SIGNED DRAWINGS SHALL BE USED FOR THE CONSTRUCTION OF THIS PROJECT.
6. NO CHANGES OR MODIFICATIONS TO THE PLANS SHALL BE MADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE CITY.
7. THE CONTRACTOR SHALL CONSULT WITH THE CITY'S AUTHORIZED ARBORIST PRIOR TO PRUNING OR WORKING WITHIN THE DRIPLINE OF ANY TREE. A.L PRUNING OF TREES SHALL BE KEPT TO A MINIMUM AND MUST FOLLOW INTERNATIONAL SOCIETY OF ARBORICULTURE STANDARDS. NOTIFY CITY ONE WEEK IN ADVANCE OF WORKING IN AREAS AROUND EXISTING TREES TO ALLOW FOR CITY TO OBTAIN AN AUTHORIZED ARBORIST.
8. NO TREES, OTHER THAN THOSE INDICATED ON THE DRAWINGS, SHALL BE REMOVED WITHOUT PRIOR APPROVAL OF THE CITY.
9. NO MATERIALS OR EQUIPMENT SHALL BE STORED WITHIN THE DRIPLINE OF ANY TREE.
10. ALL NUMERIC AND WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER ALL SCALE DIMENSIONS.
11. DETAILS AND NOTES ON THE DRAWINGS TAKE PRECEDENCE OVER TYPICAL DETAILS AND GENERAL NOTES.
12. WRITTEN SPECIFICATIONS TAKE PRECEDENCE OVER DRAWINGS.
13. ALL CONSTRUCTION SHALL CONFORM TO THE APPROVED PLANS AND SPECIFICATIONS. IN THE ABSENCE OF A SPECIFIED STANDARD OR SPECIFICATION, WORK SHALL CONFORM TO THE CURRENT CITY STANDARDS. IF NONE EXISTS, STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), SHALL APPLY.
14. ALL WORK SHALL CONFORM TO THE RECOMMENDATIONS CONTAINED IN THE PROJECT SOILS ENGINEERING REPORT PROVIDED BY NINYO & MOORE DATED JANUARY 12, 2018.
15. CONTRACTOR SHALL TAKE ALL CARE TO PREVENT DISRUPTION OF PROJECT SITE IN AREAS OUTSIDE CONSTRUCTION ZONE.
16. THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 48 HOURS BEFORE COMMENCING WORK.
17. PROPOSED DEVIATIONS FROM THE PLANS MUST BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL, INCLUDING FIELD REVISIONS REQUESTED BY THE CITY INSPECTOR.
18. THE CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT, AND METHODS REQUIRED TO PREVENT HIS OPERATIONS FROM PRODUCING DUST IN AMOUNTS DAMAGING TO PROPERTY, CULTIVATED OR NATIVE VEGETATION, AND DOMESTIC AND NON-DOMESTIC ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM HIS OPERATIONS.
19. CONSTRUCTION LINE AND GRADE STAKES SHALL BE SET BY A CIVIL ENGINEER OR SURVEYOR LICENSED IN THE STATE OF CALIFORNIA.
20. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OR PROPER RESETTING OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS. ANY SURVEY MONUMENTS DESTROYED BY THE CONTRACTOR SHALL BE REPLACED IN ACCORDANCE WITH THE STATE LAND SURVEYORS ACT AT THE CONTRACTOR'S EXPENSE.
21. ALL PROTECTIVE DEVICES TO BE INSTALLED BY THE CONTRACTOR, SHALL BE IN PLACE AT THE END OF EACH WORK DAY. A SAFE PEDESTRIAN PATH OF TRAVEL SHALL BE PROVIDED AT ALL TIMES. COORDINATE PEDESTRIAN WALK CLOSURES WITH OWNER PRIOR TO CONSTRUCTION.
22. CONTRACTOR SHALL REFER TO MATERIALS SPECIFICATIONS THROUGHOUT THE APPROVED PLAN SET AND SPECIFICATIONS. ANY SUBSTITUTIONS OF THE MATERIALS SPECIFIED IN THESE DOCUMENTS SHALL REQUIRE WRITTEN APPROVAL FROM THE CITY.
23. DURING THE COURSE OF WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING THE CITY FOR TESTING AND INSPECTION 24 HOURS IN ADVANCE. WORK NOT PROPERLY TESTED AND INSPECTED WILL BE SUBJECT TO REJECTION.
24. WORK IN AND ALONG PUBLIC STREETS, ONCE BEGUN, SHALL PROCEED TO COMPLETION WITHOUT DELAY SO AS TO PROVIDE MINIMUM INCONVENIENCE TO THE PUBLIC.
25. CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF LOCATION OF ALL EXISTING UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION. ALL UTILITIES SHALL BE PROTECTED AND REPAIRED BY THE CONTRACTOR IF DAMAGED.
26. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF ALL UTILITY COMPANIES 48 HOURS PRIOR TO THE BEGINNING OF WORK. BRING ANY CONFLICTS WITH NEW IMPROVEMENTS IMMEDIATELY TO THE ATTENTION OF THE CITY.
27. NOTIFY UNDERGROUND SERVICE ALERT (USA) TOLL FREE AT 811 A MINIMUM OF 48 WORKING HOURS PRIOR TO THE START OF CONSTRUCTION.
28. CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR LOCATING OR HAVING LOCATED ALL UNDERGROUND UTILITIES AND RELATED FACILITIES AND FOR PROTECTING SAME DURING THE COURSE OF CONSTRUCTION. ALL UTILITIES THAT ARE NOT A MEMBER OF USA MUST ALSO BE NOTIFIED.
29. ENTRANCE TO THE SITE AND LAY DOWN AREA DURING CONSTRUCTION SHALL BE SPECIFIED BY THE CITY.
30. CONTRACTOR SHALL PROVIDE DE-WATERING IF IT IS REQUIRED AT NO ADDITIONAL COST TO THE CITY. COMPLY WITH ALL REQUIREMENTS OF THE REGIONAL WATER QUALITY CONTROL BOARD AND OTHER APPLICABLE AGENCIES.
31. CONTRACTOR SHALL PROVIDE A LEGIBLE AND COMPLETE SET OF PLANS IDENTIFYING ALL MODIFICATIONS MADE DURING CONSTRUCTION TO THE CITY FOR THE PREPARATION OF RECORD DRAWINGS.
32. ALL CONSTRUCTION SHALL CONFORM TO LATEST EDITION OF CALIFORNIA BUILDING CODE TITLE 24 AS OF THE DATE OF APPROVED DRAWINGS.
33. CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY CONSTRUCTION FENCING TO BE PLACED ALONG THE LIMIT OF WORK LINE UNTIL PROJECT IS SUBSTANTIALLY COMPLETED AS DETERMINED BY THE CITY.

TREE REMOVAL NOTES

TREE REMOVAL Permit Application
Tree Removal Applications are available at the City of Encinitas, Engineering Services Department Counter at 505 S. Vulcan Ave, Encinitas, CA. 92024. 760-633-2770. The following is a checklist of items necessary for City review for tree Removal. (Additional information may be required by the reviewing staff. Response will generally be mailed to the applicant within 10 days. The Removal permit must be on site during the Removal.

Tree Removal Checklist
1. Completed City of Encinitas Tree Removal Application available at the City of Encinitas, Engineering Services Department Counter at 505 S. Vulcan Ave, Encinitas, CA. 92024. 760-633-2770. UFMP - Administrative Manual Procedures 23 February 28, 2012
2. Payment of $145.00 review process fee ($125 Schedule Fee and $20 Records Management).
3. Arborist report from a Certified Arborist on company letterhead to include the following information for each tree:
   a. A written narrative describing the tree species (common and scientific);
   b. Location (in relation to street, structures and property line);
   c. Size (DBH, height & crown spread);
   d. Condition (foliage, vigor, structural integrity); and
   e. Life expectancy and prognosis (is the tree hazarcous, in severe decline, causing property damage?).

Hazardous Trees
To remove a tree that is not subject to a permit and has been verified as hazardous, as defined by these procedures, written approval from the City Arborist is required and must be available on site when the tree is being removed, unless emergency conditions exit (see Emergency Removal Conditions, Section 6.20).

Notification Requirements: When the City has scheduled a tree for removal the following shall apply:
1. Notice shall be provided to residents in the immediate area at least three (3) working days prior to the removal (notification may be such means as direct mail and/or door hangers);
2. Notice shall be provided to all formally recognized community organizations, i.e. Town Councils, DEMA and the Chamber of Commerce in the immediate area at least three (3) working days prior to the removal.
3. The tree to be removed must be clearly marked at least three (3) working days prior to scheduled removal.
4. The City will post the upcoming removal on the City's website. In cases when a Certified Arborist has determined that a tree or trees are an imminent threat to public safety (Hazardous Trees), the City will attempt to notify the public as appropriate.

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NOTE:
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LA ESTRELLA STREET

MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER | CITY

CITY OF WILDOMAR
ACCEPTED BY:
Date:
Daniel A. York, Director of Public Works/ City Engineer, PE 43212
ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
COUNTY LANDSCAPE ARCHITECT
AMANDA LEMASKE No 6247
Signature
3/31/23
Renewal Date
Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camiro Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____
R.C.E. No. _____ EXP. _____

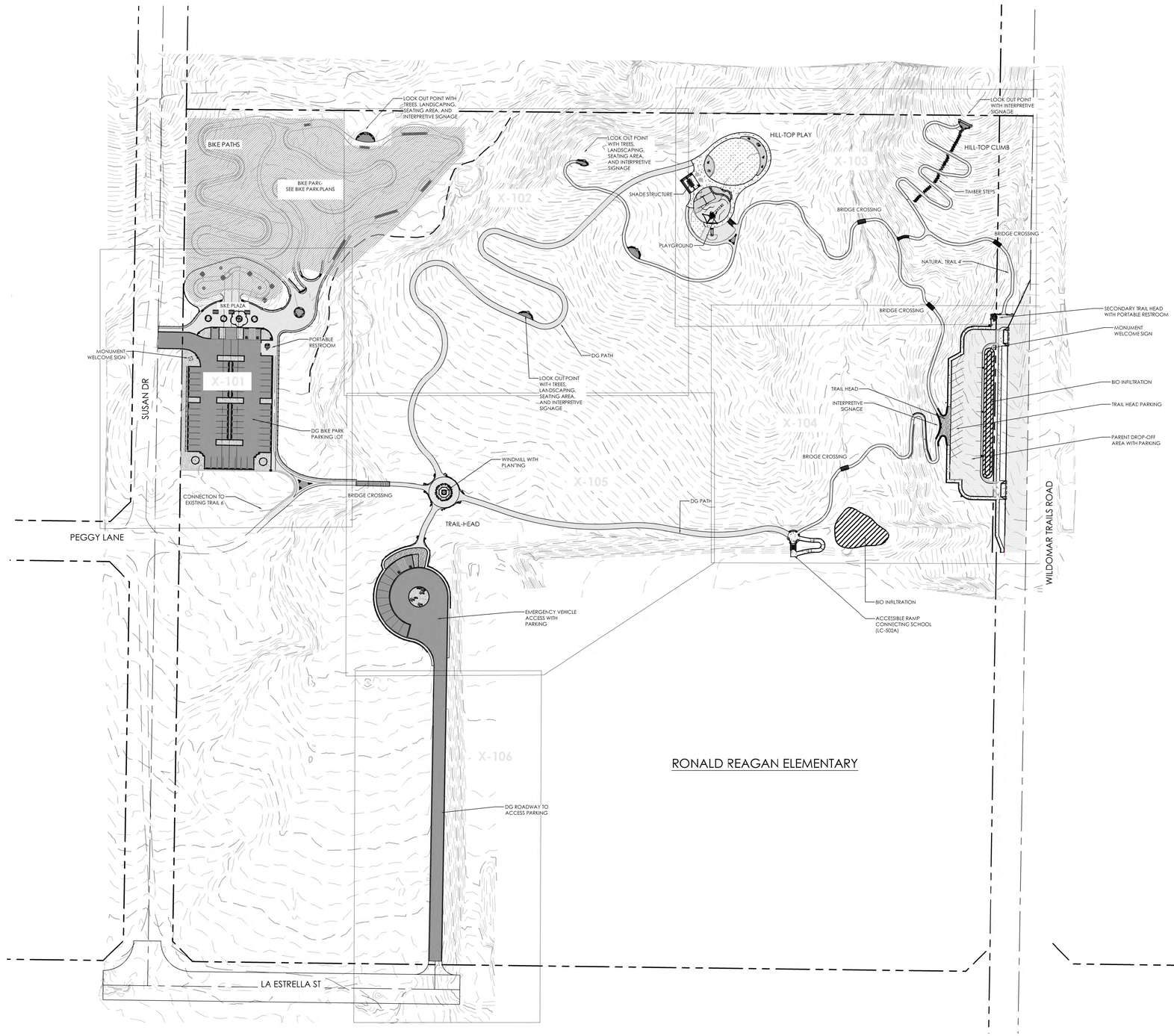
BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
GENERAL NOTES

SHEET No.
G-003
#



NORTH

0 80 160 240 feet

1"=80'

rrm design group

NOTE:

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LA ESTRELLA STREET

MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER — CITY

CITY OF WILDOMAR

ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Ergineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

REGISTERED LANDSCAPE ARCHITECT — JOANNA KLEMASKE No. 6047 — Signature 3/31/23 Renewal Date — Date — STATE OF CALIFORNIA

RRM DESIGN GROUP

(949) 361-7950

32332 Camino Capistrano #205,

San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:

Elevation = _____

Datum = _____

BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)

L.S. (number), EXP. (date)

SCALE: H: As Noted V: As Noted

CITY OF WILDOMAR

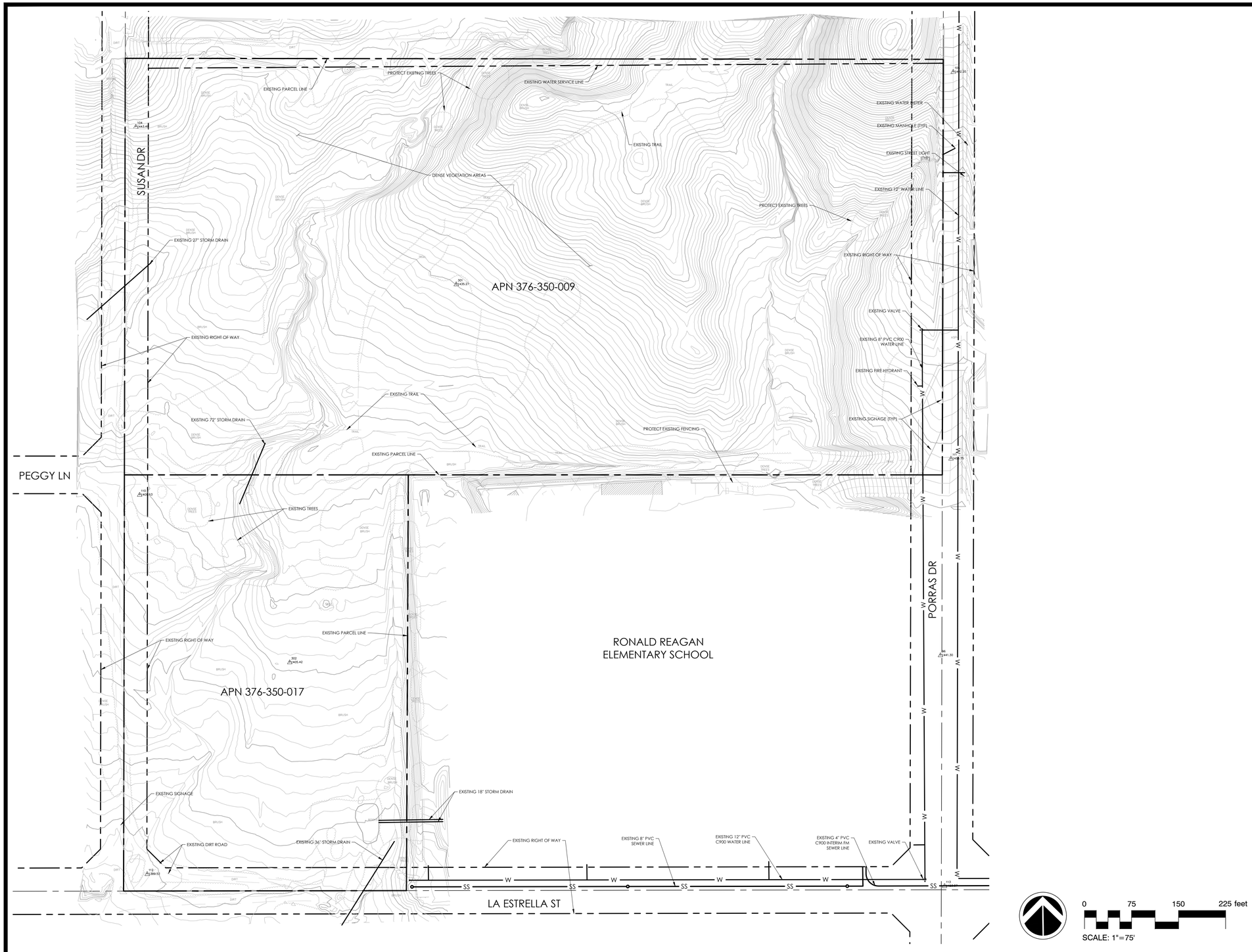
27 ACRE PARK

SITE PLAN

SHEET No.

G-004

#



rrm design group

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MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED PROFESSIONAL ENGINEER NOAH GORDON WALTERS C90156 CIVIL STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No._____ EXP._____

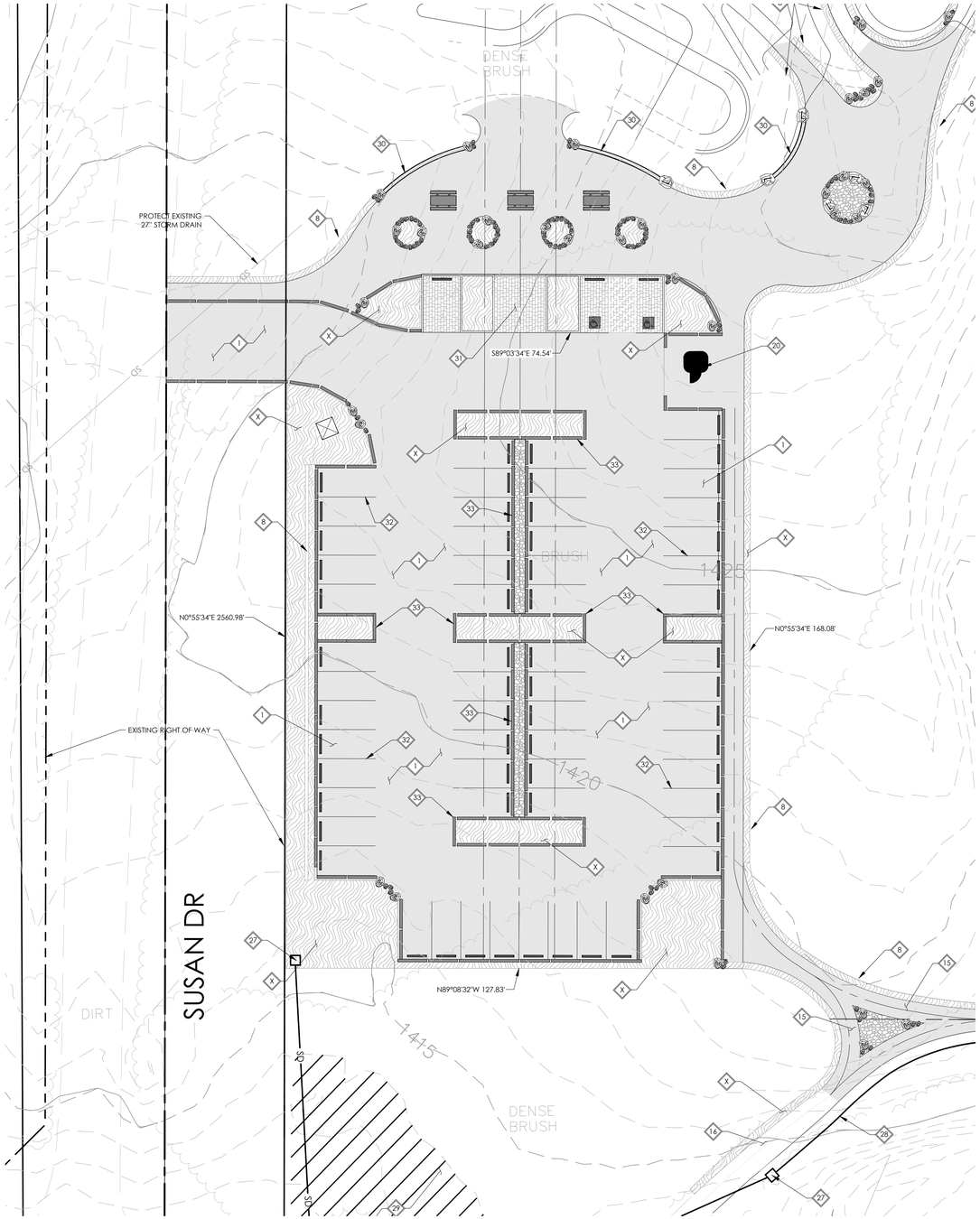
BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
EXISTING CONDITIONS

SHEET No.
CE101
#



IMPROVEMENT NOTES

1. CONSTRUCT ALL-WEATHER DECOMPOSED GRANITE SURFACE PER LANDSCAPE PLANS.
2. INSTALL GATE VALVE BOX, FRAME AND COVER PER COUNTY OF RIVERSIDE STANDARD NUMBER 703.
3. INSTALL 8" SEWER MAIN PER COUNTY OF RIVERSIDE STANDARD NUMBER 818 AND NUMBER 817.
4. INSTALL 48" SANITARY SEWER MANHOLE PER COUNTY OF RIVERSIDE STANDARD NUMBER 604.
5. INSTALL 8" WATER LINE PER COUNTY OF RIVERSIDE STANDARD NUMBER 817 AND NUMBER 818.
6. INSTALL TRAFFIC RATED PAVERS PER LANDSCAPE PLANS.
7. CONSTRUCT FLAGSTONE PATH PER LANDSCAPING PLANS.
8. INSTALL FENCING PER LANDSCAPE PLANS.
9. INSTALL DECOMPOSED GRANITE PATH PER LANDSCAPE PLANS.
10. INSTALL 5' PCC SIDEWALK PER LANDSCAPE PLANS.
11. INSTALL PREFABRICATED CULVERT STRUCTURE PER SEPARATE CULVERT PLANS.
12. CONSTRUCT 32' ASPHALT SECTION PER COUNTY OF RIVERSIDE STANDARD NUMBER 94.
13. CONSTRUCT 32' ASPHALT SECTION PER COUNTY OF RIVERSIDE STANDARD NUMBER 94.
14. INSTALL VEGETATIVE SWALE PER DETAIL ON SHEET CP103.
15. CONSTRUCT 6' DECOMPOSED GRANITE TRAIL; SEE DETAIL ON SHEET LC504.
16. CONSTRUCT 8' DECOMPOSED GRANITE TRAIL; SEE DETAIL ON SHEET LC504.
17. CONSTRUCT 4' DECOMPOSED GRANITE TRAIL; SEE DETAIL ON SHEET LC504.
18. CONSTRUCT 4' NATIVE TRAIL; SEE DETAIL ON SHEET LC504.
19. INSTALL WOOD TIMBER STEPS PER LANDSCAPE PLAN.
20. INSTALL BATHROOM STRUCTURE PER LANDSCAPE PLAN.
21. INSTALL SHADE STRUCTURE AT PICNIC AREA PER ARCHITECTURE/STRUCTURAL PLAN.
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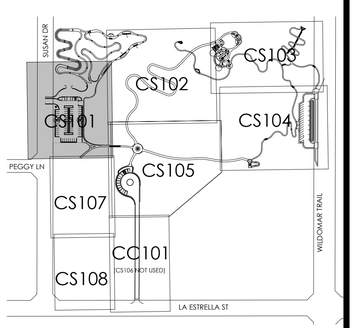

rrm design group

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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED PROFESSIONAL ENGINEER NOAH GORDON WALTERS C90156 CIVIL STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
CIVIL CONSTRUCTION PLAN

SHEET No.
CS101
#

IMPROVEMENT NOTES

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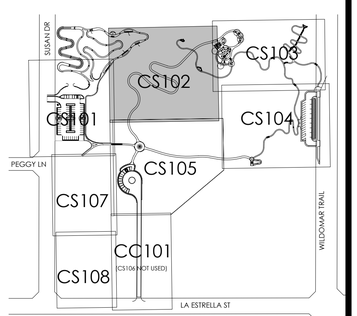

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rrm design group

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CITY OF WILDOMAR
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Daniel A. York, Director of Public Works/ City Engineer, PE 43212

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SEAL-ENGINEER:
REGISTERED PROFESSIONAL ENGINEER
NOAH GORDON WALTERS
C90156
CIVIL
STATE OF CALIFORNIA

RRM DESIGN GROUP
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CITY OF WILDOMAR
27 ACRE PARK
CIVIL CONSTRUCTION PLAN

SHEET No.
CS102
#

N:\1000\10640-01-RC17-27-Acre-Park\Engineering\ConDocs\Sheet-Files\C-3-x Construction Plans.dwg, CS102, Jun 02, 2022 3:06pm, ngwalters

IMPROVEMENT NOTES

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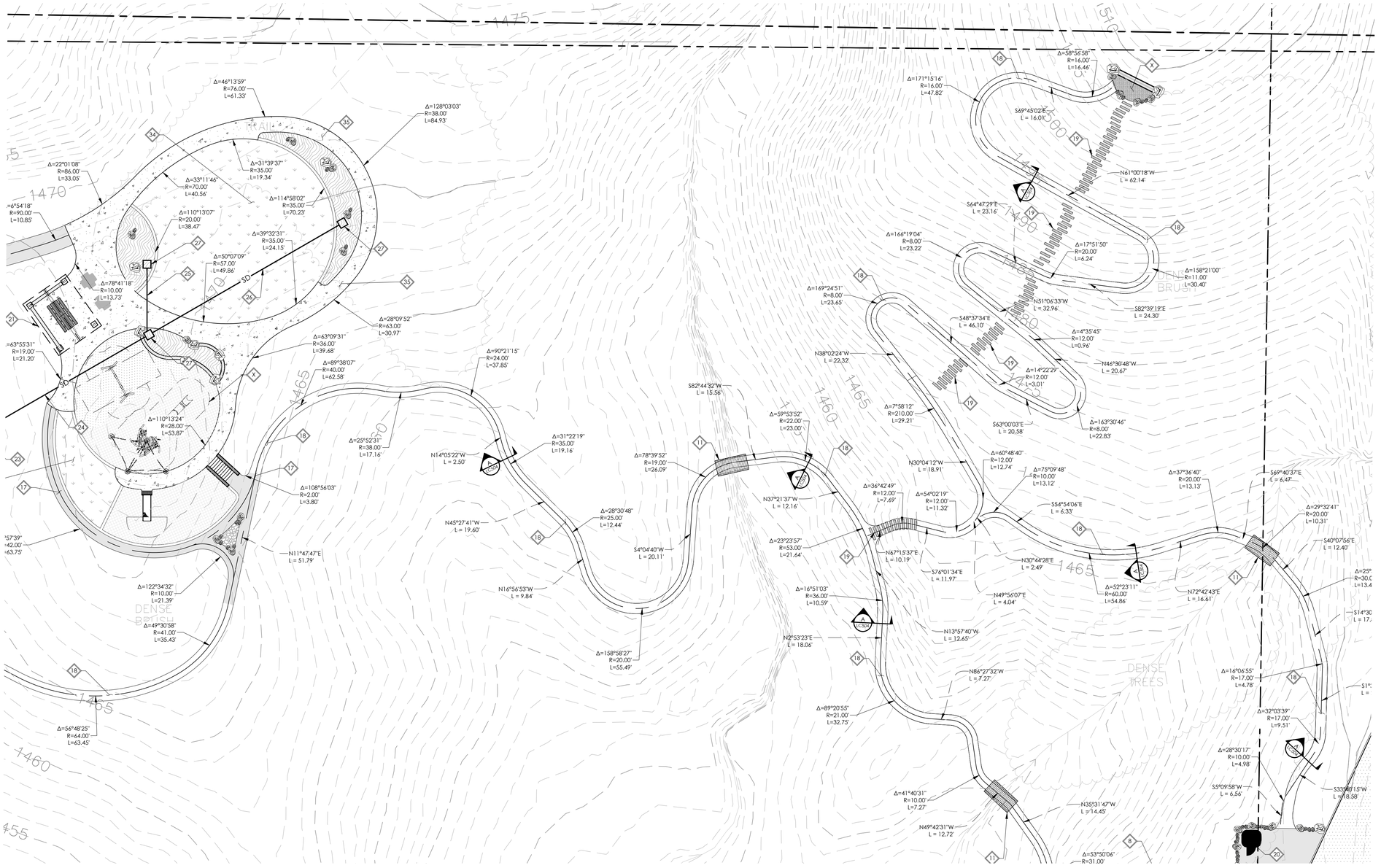

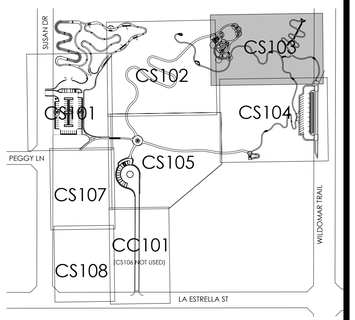

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rrm design group

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ENGINEER				CITY	

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Daniel A. York, Director of Public Works/ City Engineer, PE 43212
ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

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NOAH GORDON WALTERS
C90156
CIVIL
STATE OF CALIFORNIA

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32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____
R.C.E. No. _____ EXP. _____

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THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
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SCALE:
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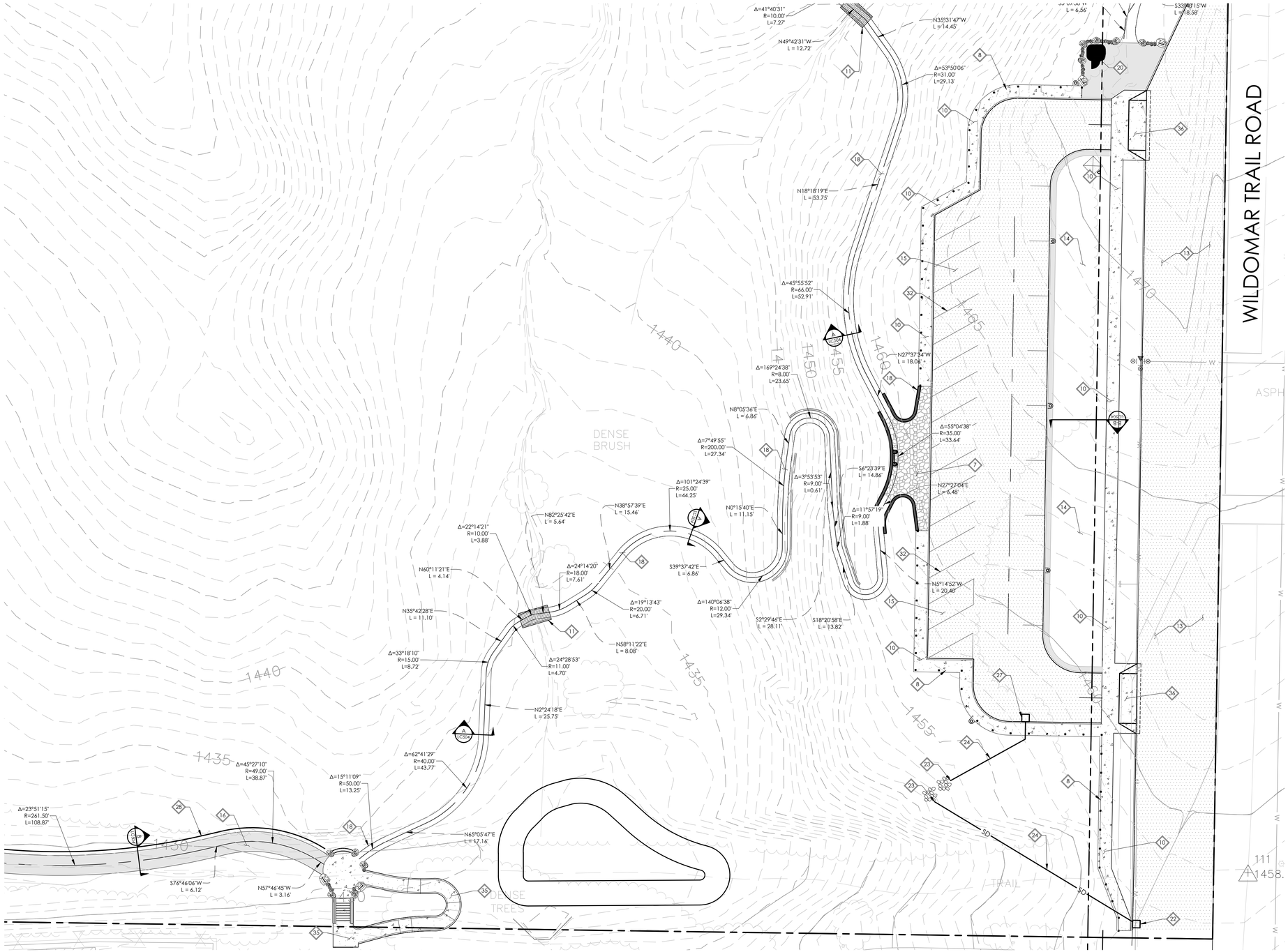
CITY OF WILDOMAR
27 ACRE PARK
CIVIL CONSTRUCTION PLAN

SHEET No.
CS103
#



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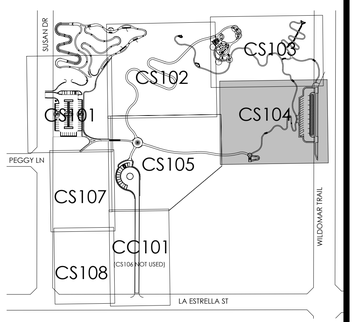

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rrm design group

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CITY OF WILDOMAR
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Daniel A. York, Director of Public Works/ City Engineer, PE 43212

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32332 Camino Capistrano #205,
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CITY OF WILDOMAR
27 ACRE PARK
CIVIL CONSTRUCTION PLAN

SHEET No.
CS104
#

N:\1000\1064-01-RC17-27-Acre-Park\Engineering\ConDocs\Sheet-Files\C-3.x Construction Plans.dwg, CS104, Jun 02, 2022 3:07pm, ngwalters

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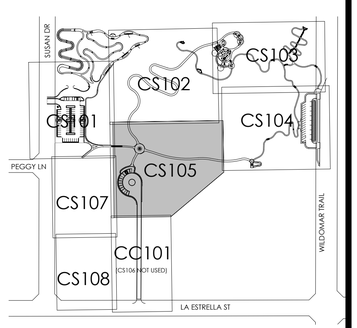

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CITY OF WILDOMAR
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CS105
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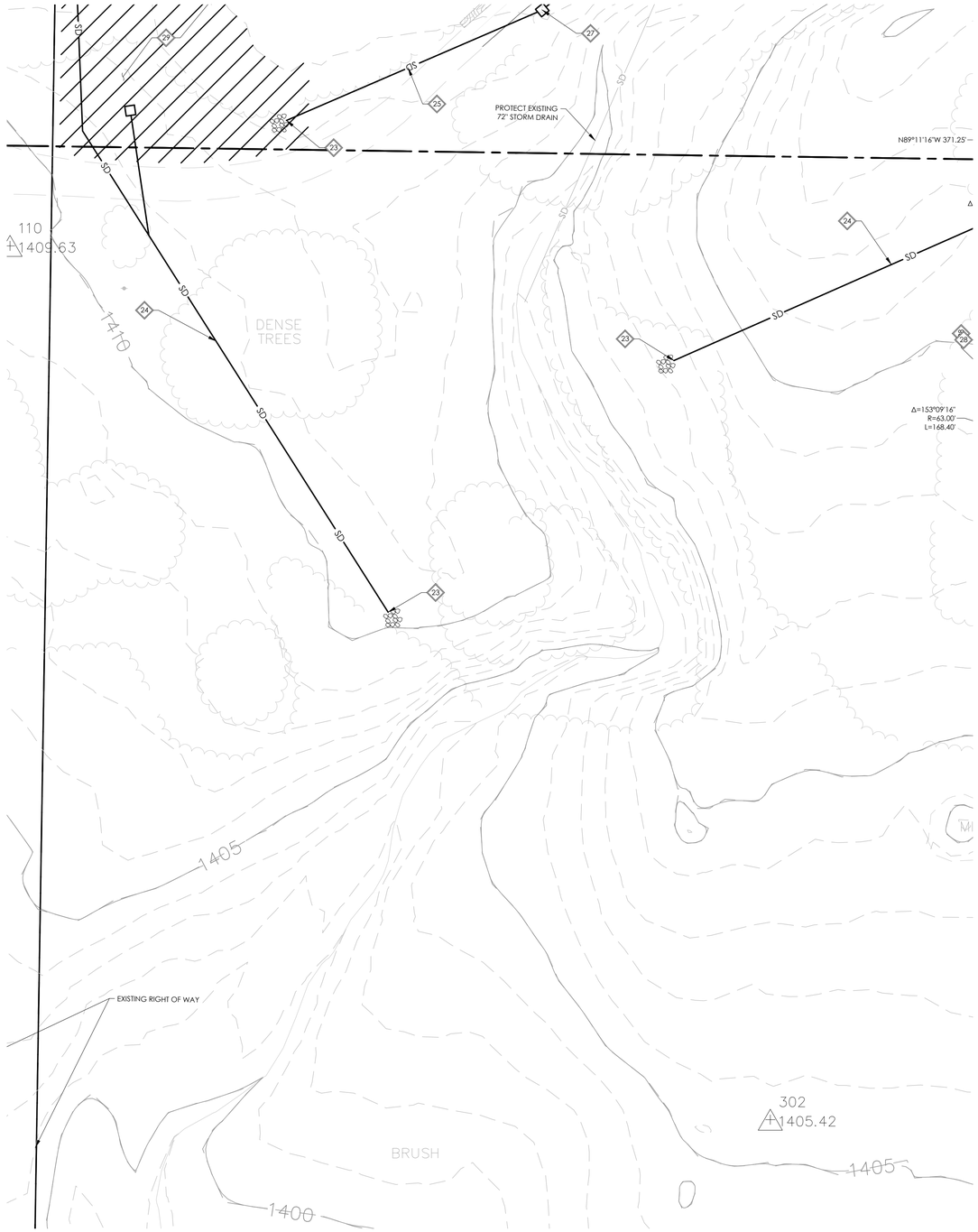

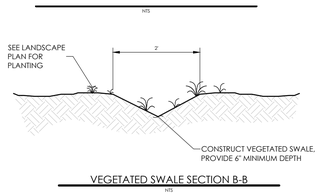

VEGETATED SWALE SECTION B-B
NTS

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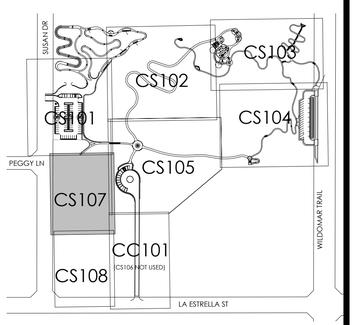

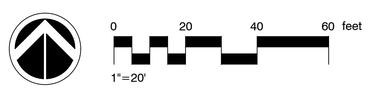

rrm design group

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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED PROFESSIONAL ENGINEER
NOAH GORDON WALTERS
C90156
CIVIL
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY:

R.C.E. No. EXP.

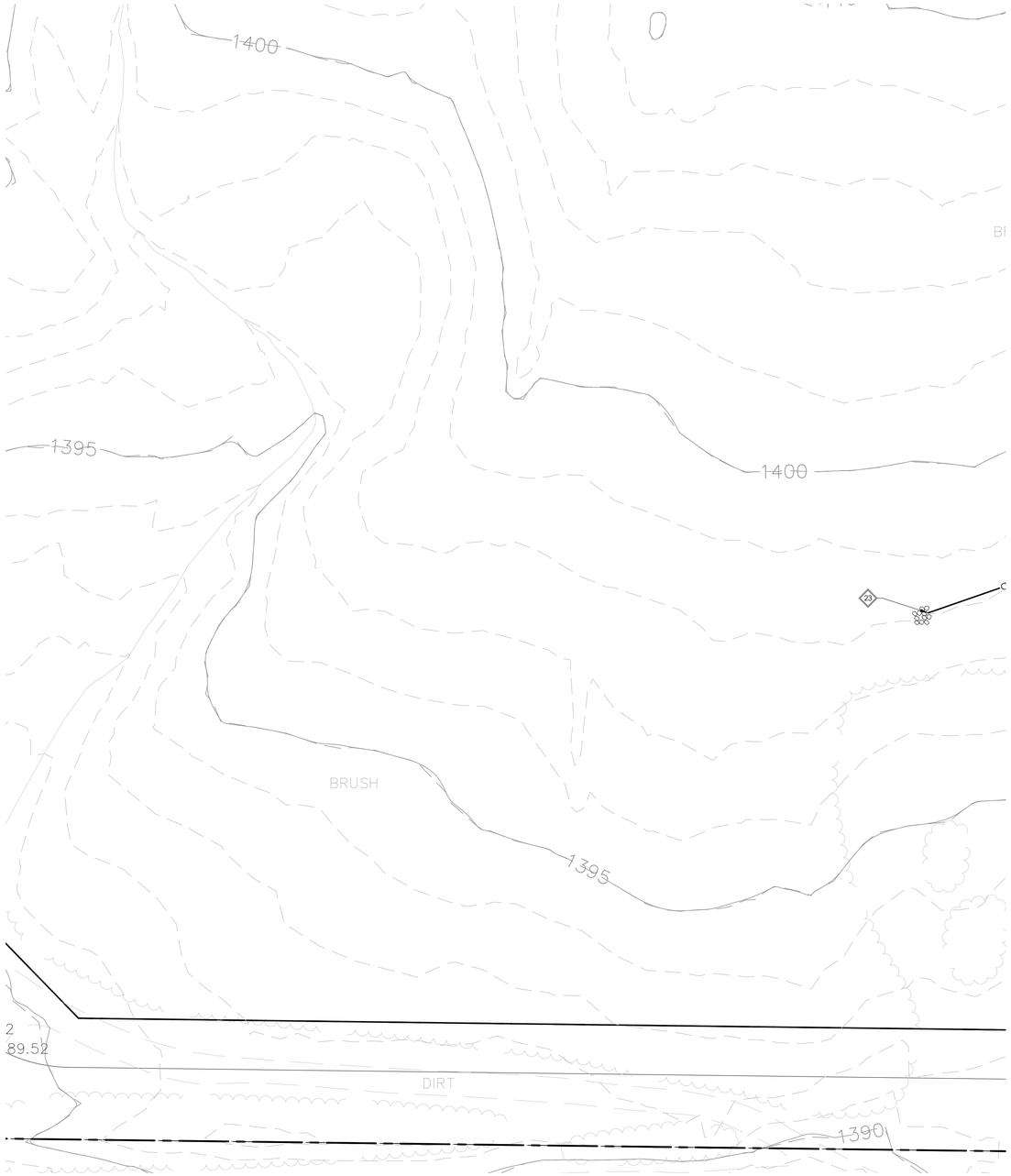
BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

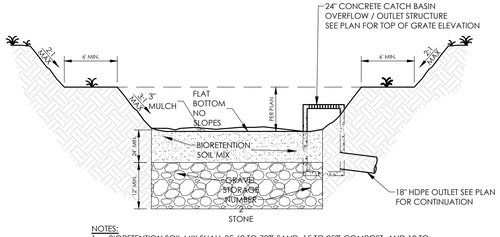
THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
CIVIL CONSTRUCTION PLAN

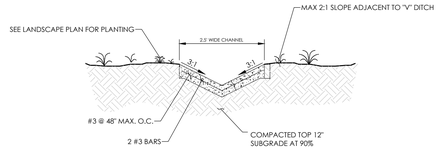
SHEET No.
CS107
#



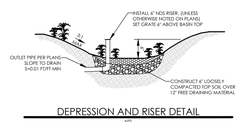


NOTES:
1. BIORETENTION SOIL MIX SHALL BE 60 TO 70% SAND, 15 TO 25% COMPOST, AND 10 TO 20% CLEAN TOPSOIL. THE ORGANIC CONTENT SHALL BE 8 TO 12% AND PH RANGE SHALL BE 5.5 TO 7.5.
2. STONE MATERIAL SHALL BE WASHED, OPEN-GRADED (NO SAND), CRUSHED (ANGULAR) AGGREGATE.
3. NATIVE SOIL BENEATH INFILTRATION BED SHALL BE OVER-EXCAVATED A MINIMUM OF 1.0' AND REPLACED UNIFORMLY WITHOUT COMPACTION.

BIORETENTION TREATMENT FACILITY
NTS



CHANNEL DETAIL SECTION C-C
NTS



DEPRESSION AND RISER DETAIL
NTS

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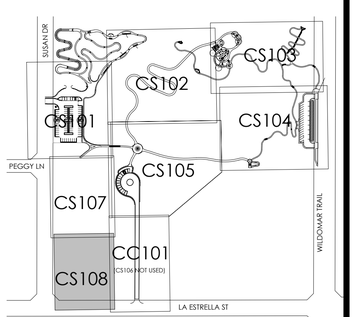

0 20 40 60 feet
1"=20'

rrm design group

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ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED PROFESSIONAL ENGINEER NOAH GORDON WALTERS C90156 CIVIL STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
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THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
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CITY OF WILDOMAR
27 ACRE PARK
CIVIL CONSTRUCTION PLAN

SHEET No.
CS108
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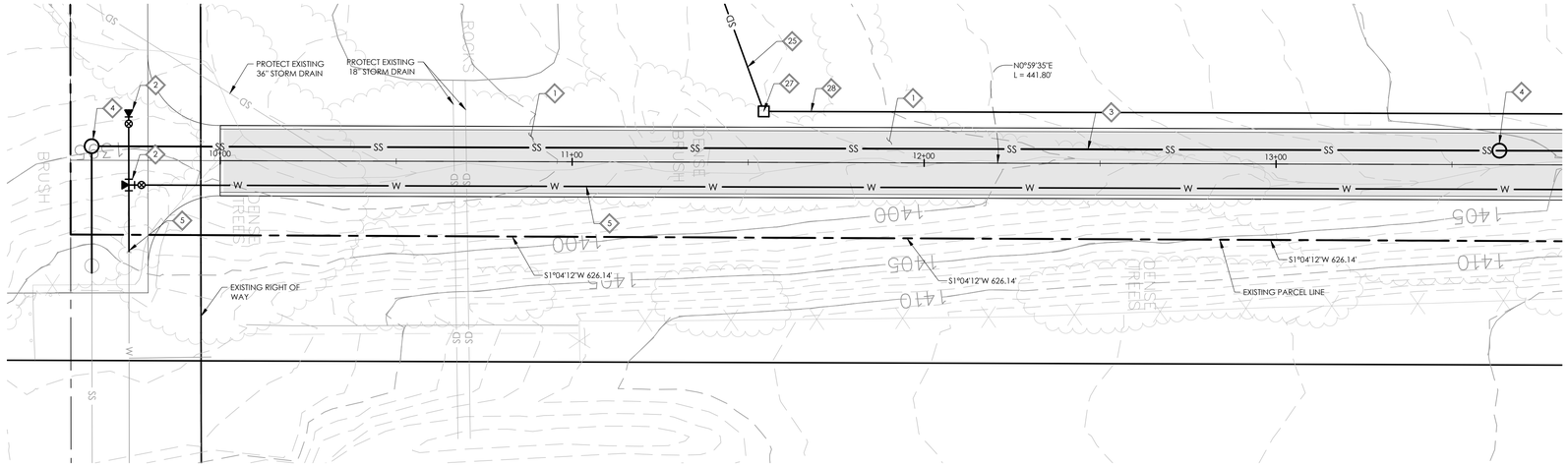

TEMPORARY ENTRANCE ROAD [10+00 - 14+00]

1" = 20' HORIZONTAL SCALE
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0 20 40 60 feet
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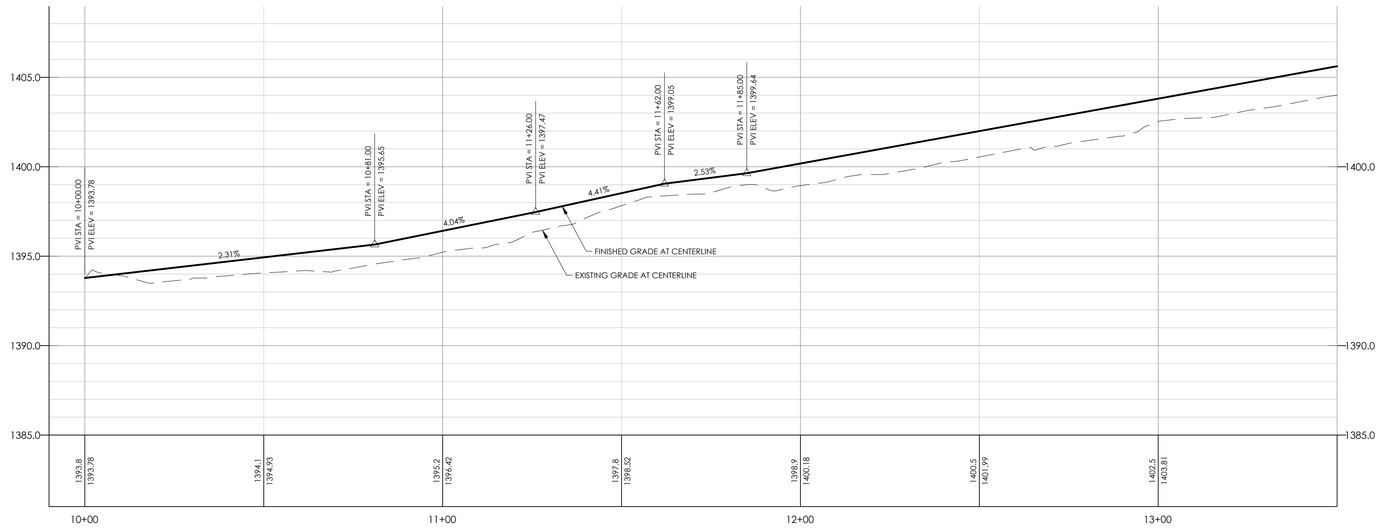

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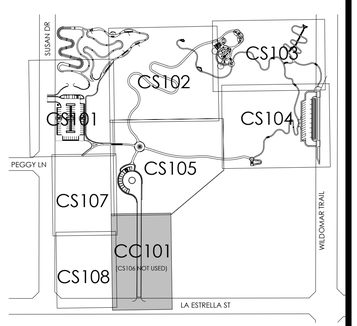

rrm design group

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ENGINEER | CITY

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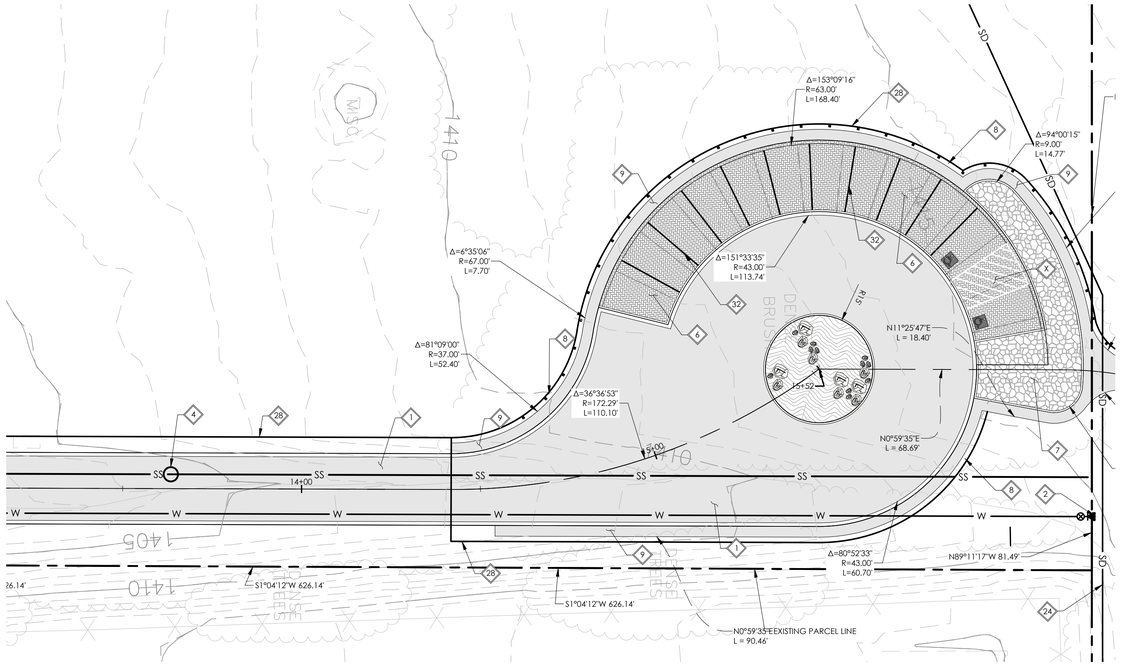
SCALE: H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
TEMPORARY ENTRANCE ROAD PLAN & PROFILE

SHEET No.
CC101
#

N:\1000\1064-01-RC17-27-Acre-Park\Engineering\ConDocs\Sheet-Files\C-3.x Construction Plans.dwg, CC101, Jun 02, 2022 3:07pm, ngwalters



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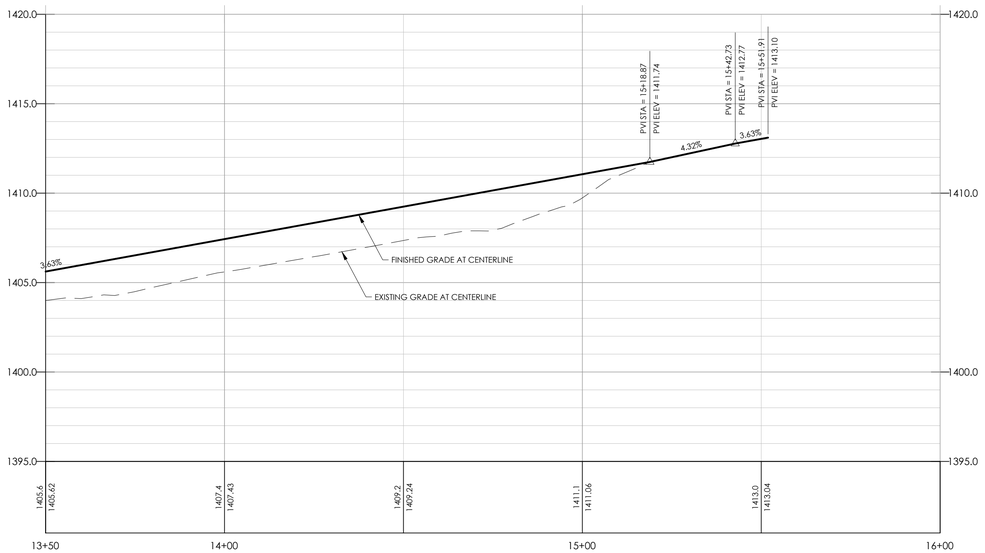

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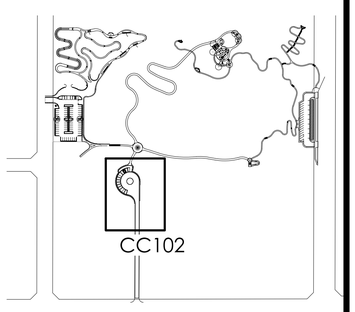

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MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER | CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED PROFESSIONAL ENGINEER
NOAH GORDON WALTERS
C90156
CIVIL
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY:

R.C.E. No. EXP.

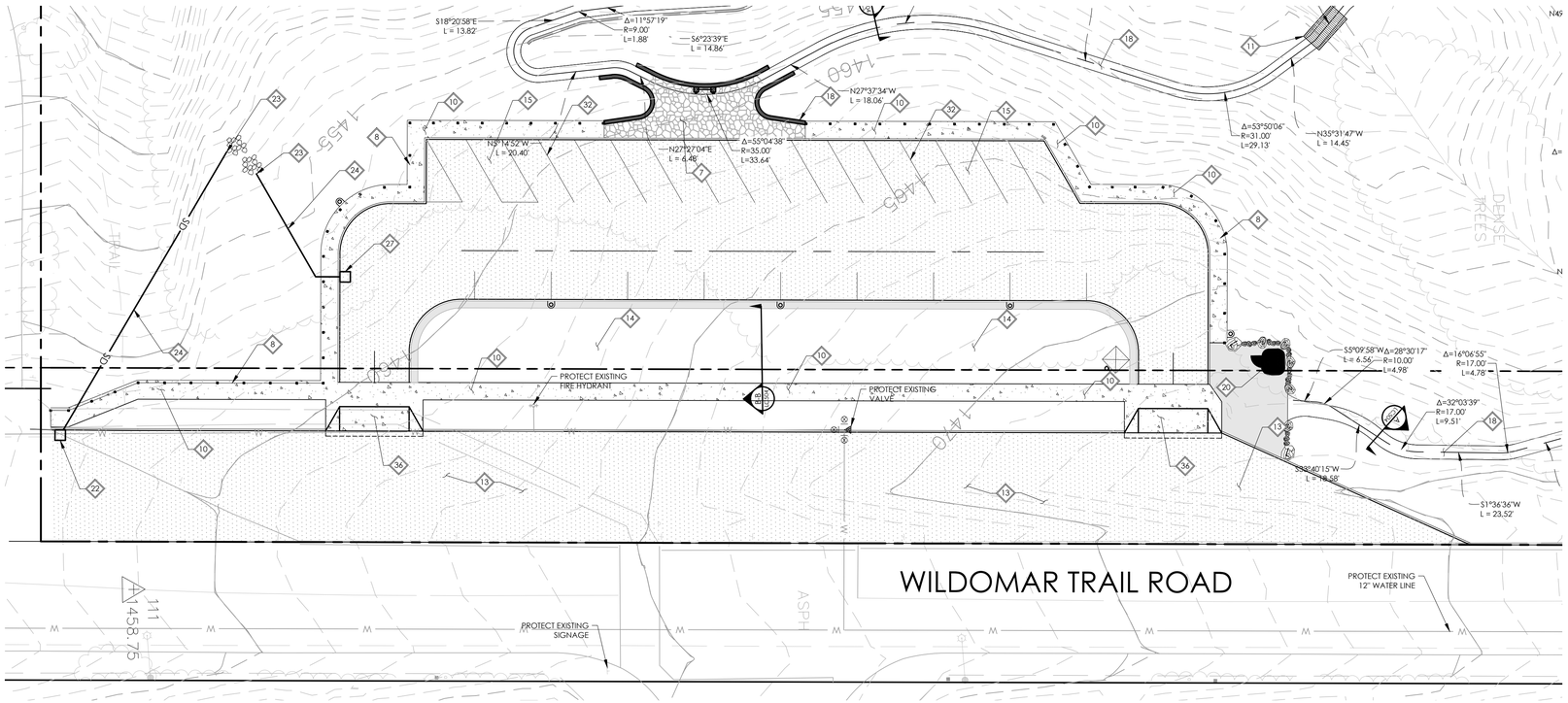
BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

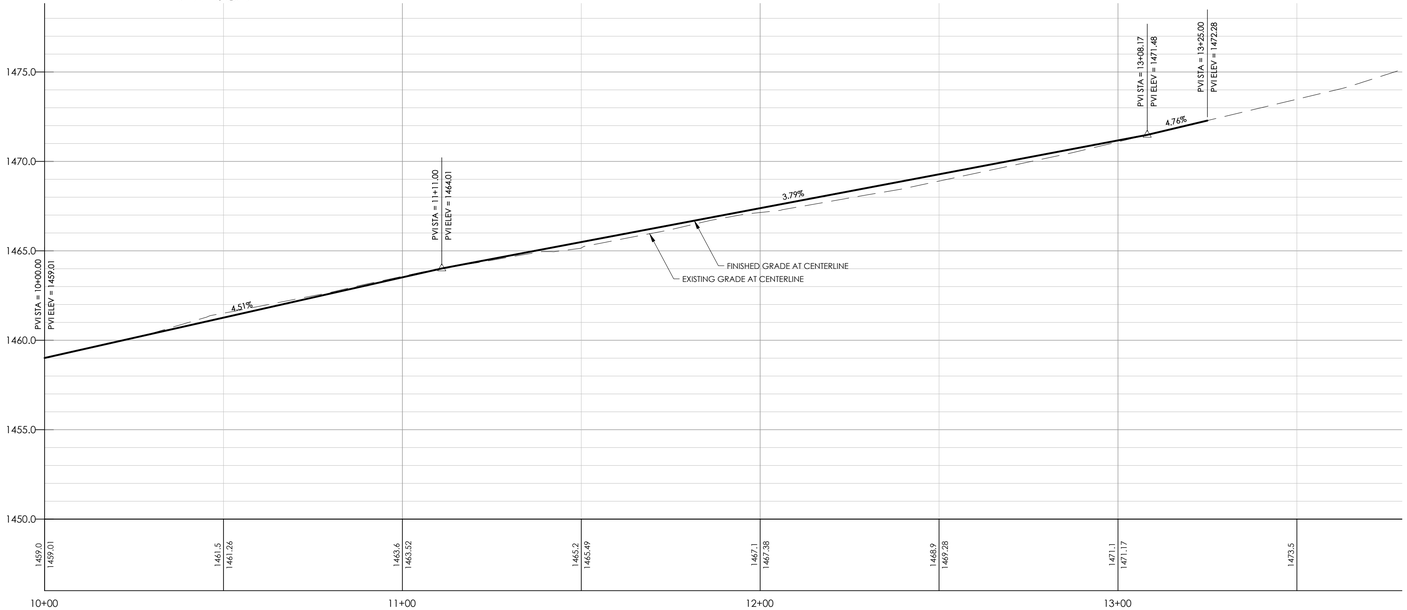
CITY OF WILDOMAR
27 ACRE PARK
TEMPORARY ENTRANCE ROAD PLAN & PROFILE

SHEET No.
CC102
#



WILDOMAR TRAIL ROAD [10+00 - 14+00]

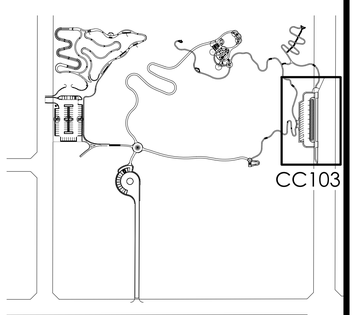
1" = 20' HORIZONTAL SCALE
1" = 4' VERTIAL SCALE



1"=20'

IMPROVEMENT NOTES

1. CONSTRUCT ALL-WEATHER DECOMPOSED GRANITE SURFACE PER LANDSCAPE PLANS.
2. INSTALL GATE VALVE BOX, FRAME AND COVER PER COUNTY OF RIVERSIDE STANDARD NUMBER 703.
3. INSTALL 8" SEWER MAIN PER COUNTY OF RIVERSIDE STANDARD NUMBER 818 AND NUMBER 817.
4. INSTALL 48" SANITARY SEWER MANHOLE PER COUNTY OF RIVERSIDE STANDARD NUMBER 604.
5. INSTALL 8" WATER LINE PER COUNTY OF RIVERSIDE STANDARD NUMBER 817 AND NUMBER 818.
6. INSTALL TRAFFIC RATED PAVERS PER LANDSCAPE PLANS.
7. CONSTRUCT FLAGSTONE PATH PER LANDSCAPING PLANS.
8. INSTALL FENCING PER LANDSCAPE PLANS.
9. INSTALL DECOMPOSED GRANITE PATH PER LANDSCAPE PLANS.
10. INSTALL 5' PCC SIDEWALK PER LANDSCAPE PLANS.
11. INSTALL PREFABRICATED CULVERT STRUCTURE PER SEPARATE CULVERT PLANS.
12. CONSTRUCT 32' ASPHALT SECTION PER COUNTY OF RIVERSIDE STANDARD NUMBER 94.
13. CONSTRUCT 32' ASPHALT SECTION PER COUNTY OF RIVERSIDE STANDARD NUMBER 94.
14. INSTALL VEGETATIVE SWALE PER DETAIL ON SHEET CP103.
15. CONSTRUCT 6' DECOMPOSED GRANITE TRAIL; SEE DETAIL ON SHEET LC504.
16. CONSTRUCT 8' DECOMPOSED GRANITE TRAIL; SEE DETAIL ON SHEET LC504.
17. CONSTRUCT 4' DECOMPOSED GRANITE TRAIL; SEE DETAIL ON SHEET LC504.
18. CONSTRUCT 4' NATIVE TRAIL; SEE DETAIL ON SHEET LC504.
19. INSTALL WOOD TIMBER STEPS PER LANDSCAPE PLAN.
20. INSTALL BATHROOM STRUCTURE PER LANDSCAPE PLAN.
21. INSTALL SHADE STRUCTURE AT PICNIC AREA PER ARCHITECTURE/STRUCTURAL PLAN.
22. INSTALL 3'X3' CURB INLET CATCH BASIN PER COUNTY OF RIVERSIDE STANDARD NUMBER 300 OR APPROVED MID-STATE CONCRETE DRAIN INLET EQUIVALENT.
23. CONSTRUCT RIP RAP ENERGY DISSIPATOR WITH 4'-6" SMOOTH RIVER ROCK (12 sf MIN).
24. INSTALL 18" HDPE STORM DRAIN PER COUNTY OF RIVERSIDE STANDARDS AND SPECIFICATIONS. (SLOPE=0.005 FT/FT MINIMUM)
25. INSTALL 12" HDPE STORM DRAIN PER COUNTY OF RIVERSIDE STANDARDS AND SPECIFICATIONS. (SLOPE=0.005 FT/FT MINIMUM)
26. INSTALL 18" PERFORATED HDPE STORM DRAIN PER COUNTY OF RIVERSIDE STANDARDS AND SPECIFICATIONS. (SLOPE=0.005 FT/FT MINIMUM)
27. INSTALL 24" MID-STATE CONCRETE DRAIN INLET OR APPROVED EQUAL.
28. CONSTRUCT CONCRETE CHANNEL PER DETAIL ON SHEET CP111.
29. INSTALL DEPRESSION AREA PER DETAIL ON SHEET CP111.
30. CONSTRUCT CONCRETE SEAT WALL PER LANDSCAPE PLAN.
31. CONSTRUCT CONCRETE PAVER PARKING LOT DRIVEWAY WITH PARKING STALLS PER LANDSCAPE PLAN.
32. INSTALL 4" WHITE STRIPE PER THE 2014 CA MUTCD.
33. SEE LANDSCAPE PLAN FOR MEDIAN FEATURES.
34. INSTALL SYNTHETIC TURF PER LANDSCAPE PLAN.
35. CONSTRUCT CONCRETE PAVING PER LANDSCAPE PLAN.
36. CONSTRUCT 20' WIDE (UNLESS NOTED OTHERWISE) RESIDENTIAL DRIVEWAY WITH SIDEWALK AT CURB PER COUNTY OF RIVERSIDE STANDARD NUMBER 207.



rrm design group

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ENGINEER | CITY

CITY OF WILDOMAR
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Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

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SEAL-ENGINEER:
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C90156
CIVIL
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

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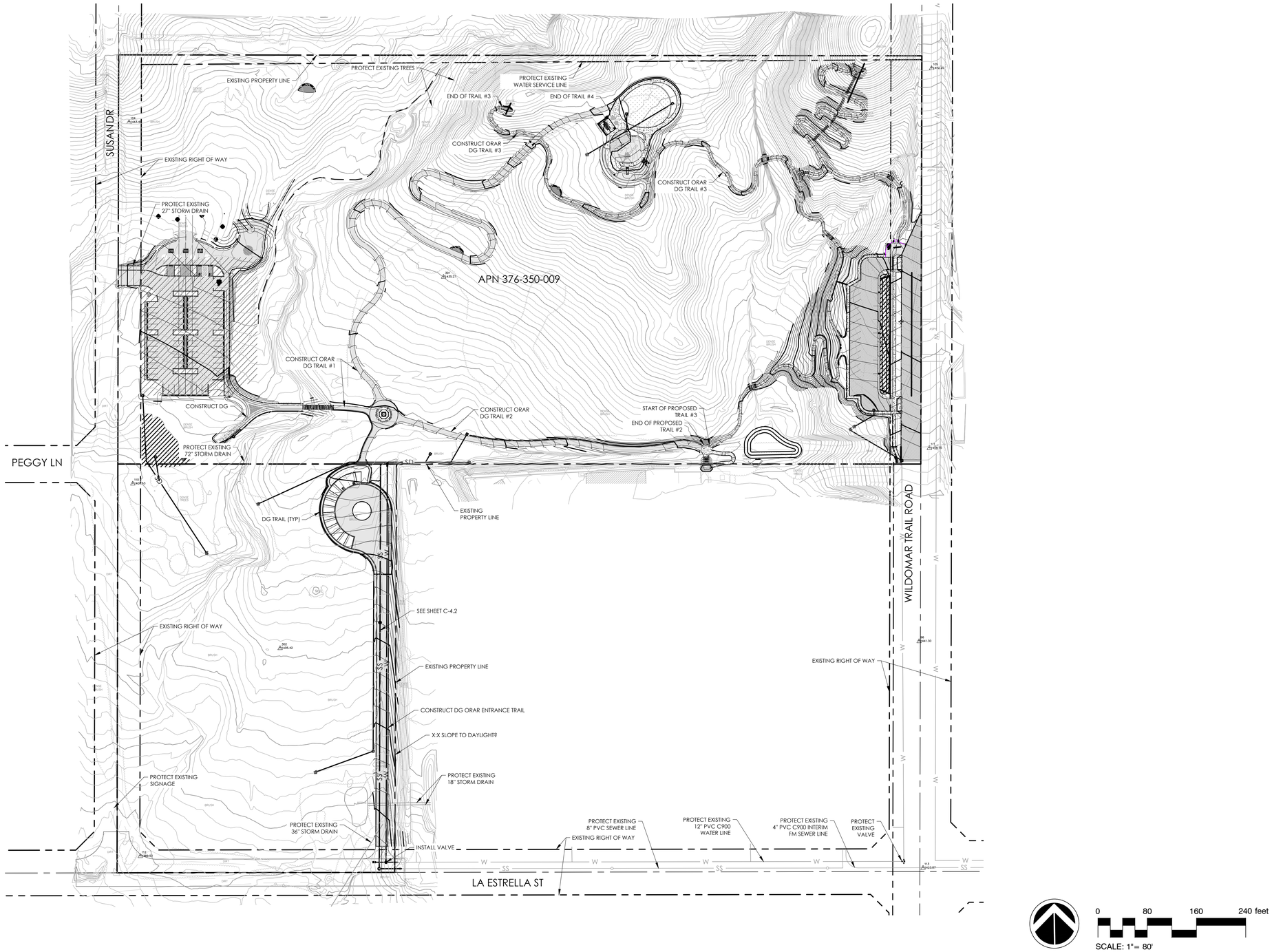
SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
WILDOMAR TRAIL ROAD PLAN & PROFILE

SHEET No.
CC103
#



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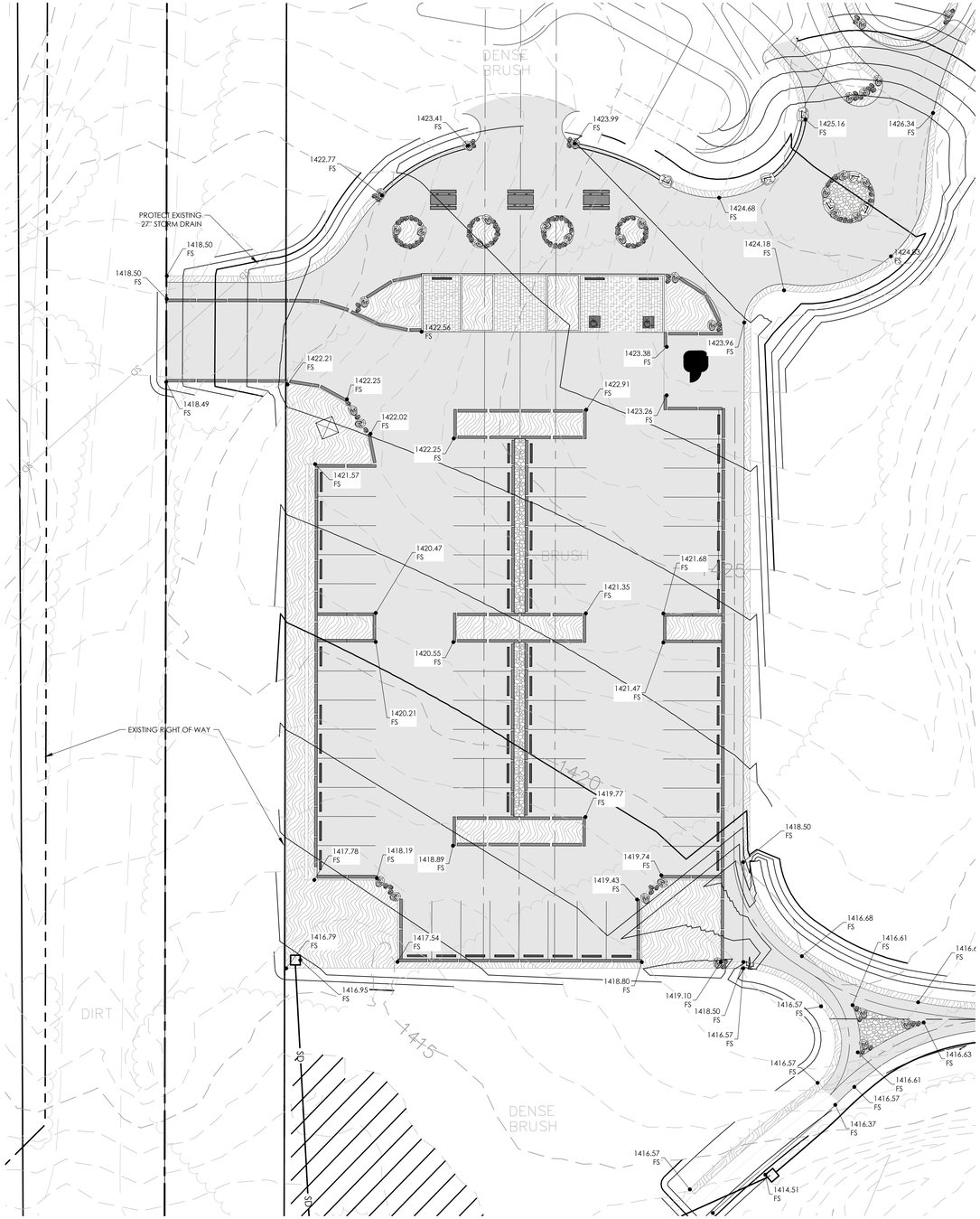
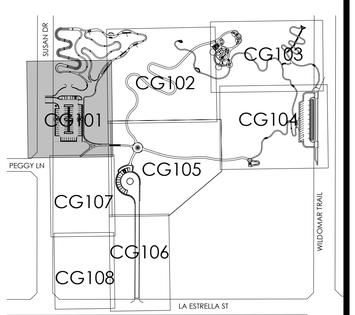
CITY OF WILDOMAR
27 ACRE PARK
COMPOSITE GRADING PLAN

SHEET No.
CG100
#





0 20 40 60 feet

1"=20'

rrm design group

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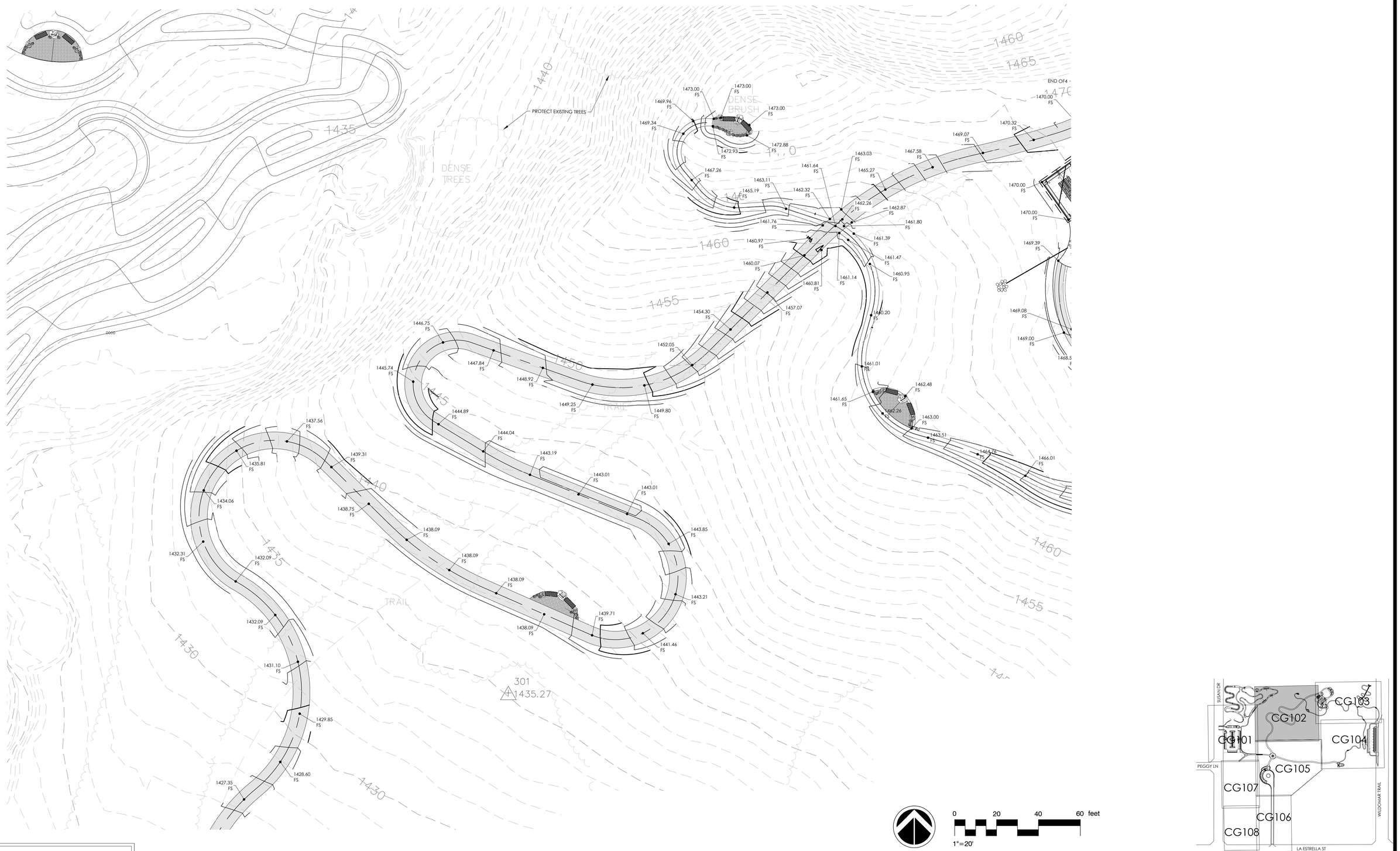
CITY OF WILDOMAR
27 ACRE PARK
GRADING AND DRAINAGE PLAN

SHEET No.
CG101
#



rrm design group

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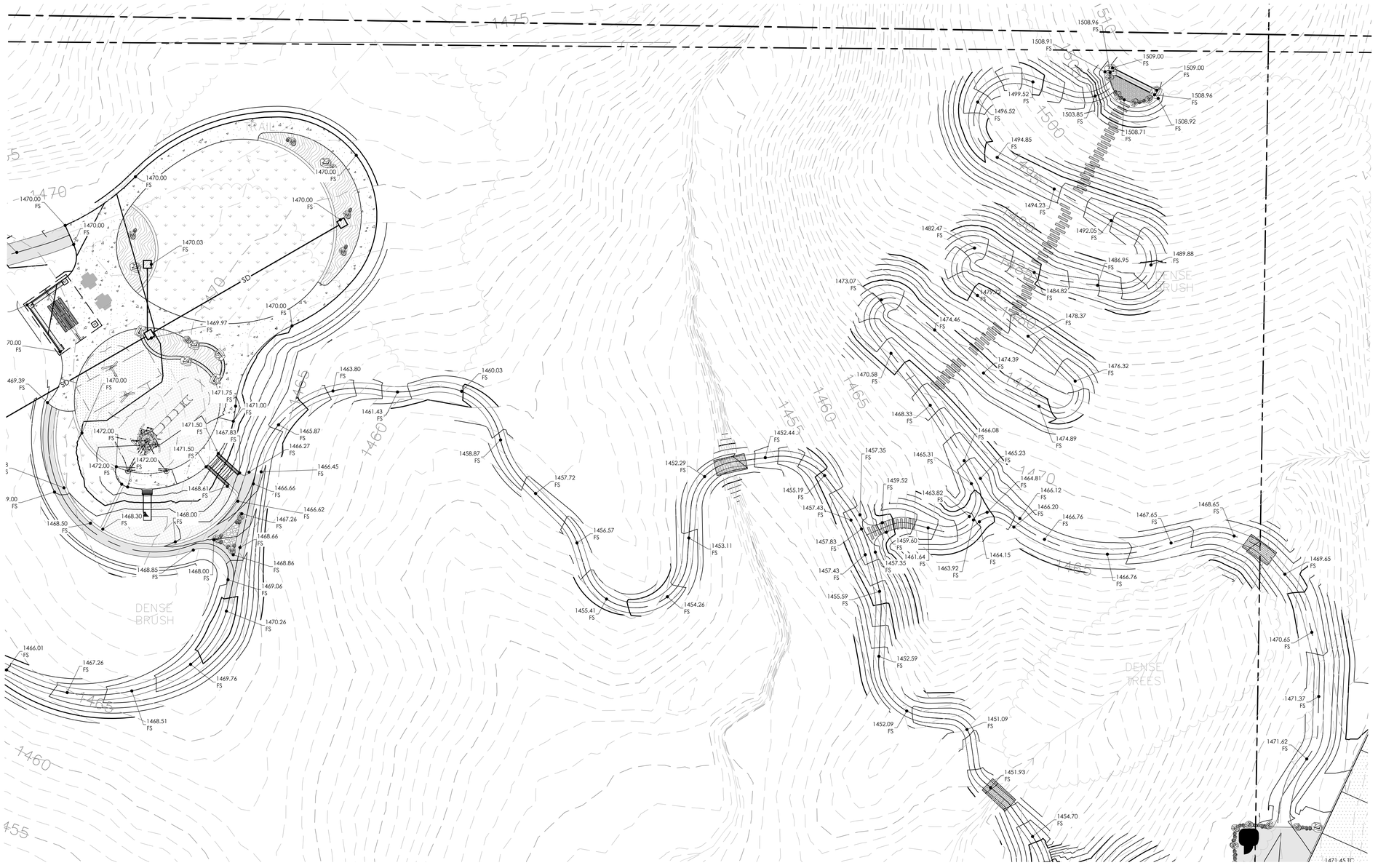
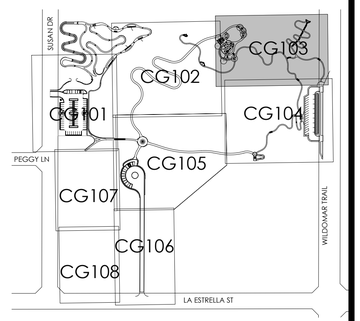
CITY OF WILDOMAR
27 ACRE PARK
GRADING AND DRAINAGE PLAN

SHEET No.
CG102
#





0 20 40 60 feet

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rrm design group

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CITY OF WILDOMAR

27 ACRE PARK

GRADING AND DRAINAGE PLAN

SHEET No.
CG103
#

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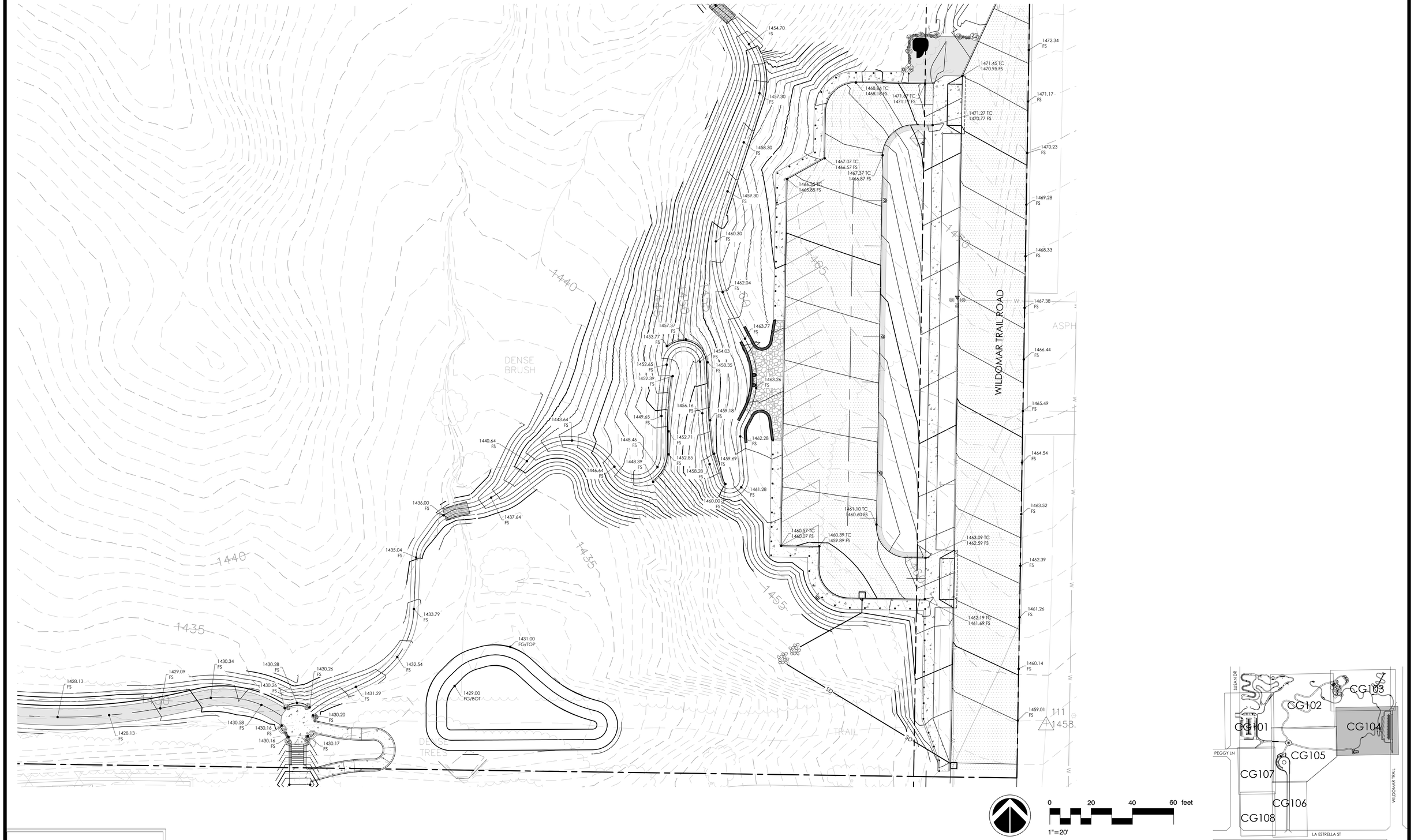

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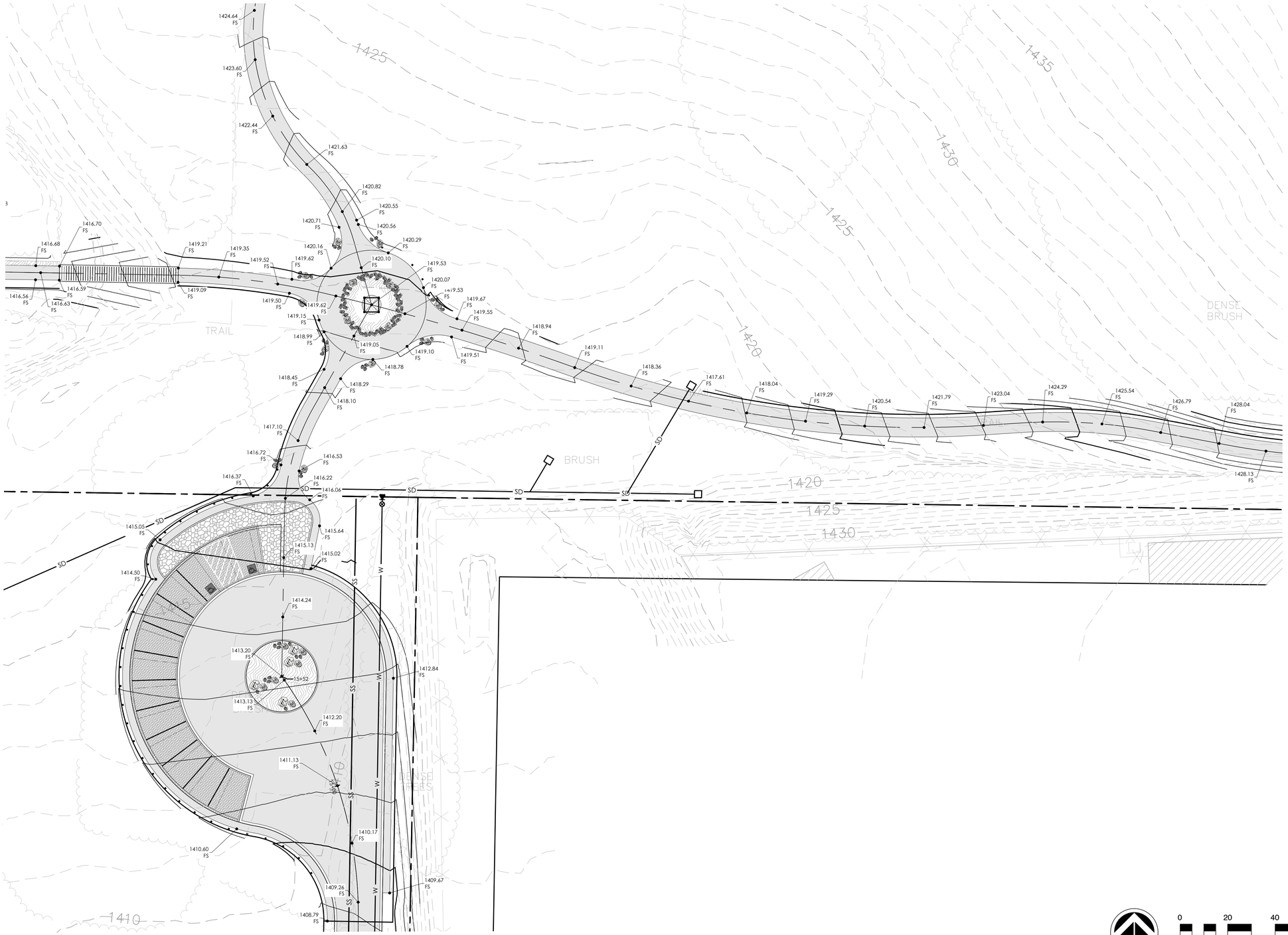
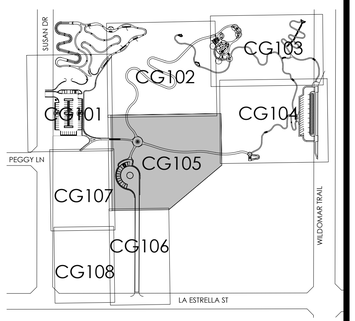
CITY OF WILDOMAR
27 ACRE PARK
GRADING AND DRAINAGE PLAN

SHEET No.
CG104
#





0 20 40 60 feet

1"=20'

rrm design group

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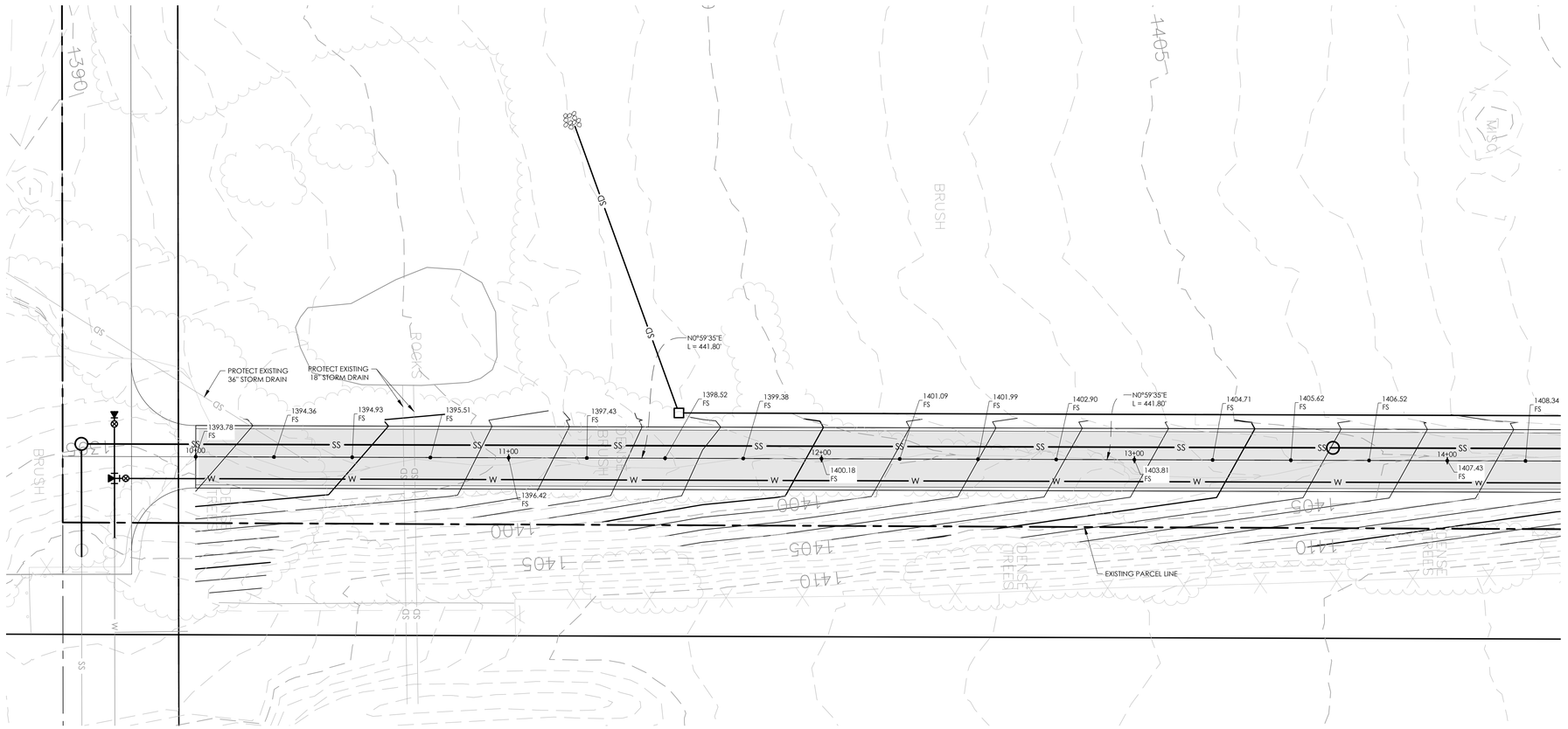
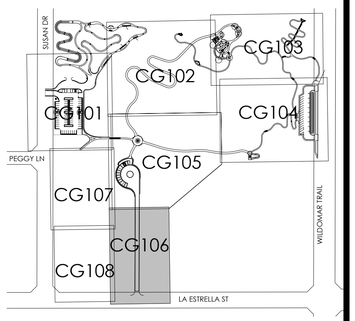
CITY OF WILDOMAR
27 ACRE PARK
GRADING AND DRAINAGE PLAN

SHEET No.
CG105
#

N:\1000\1064-01-RC17-27-Acre-Park\Engineering\ConDocs\Sheet-Files\C-4.x Grading and Drainage.dwg, CG105, Jun 02, 2022 3:12pm, ngwalters





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CITY OF WILDOMAR

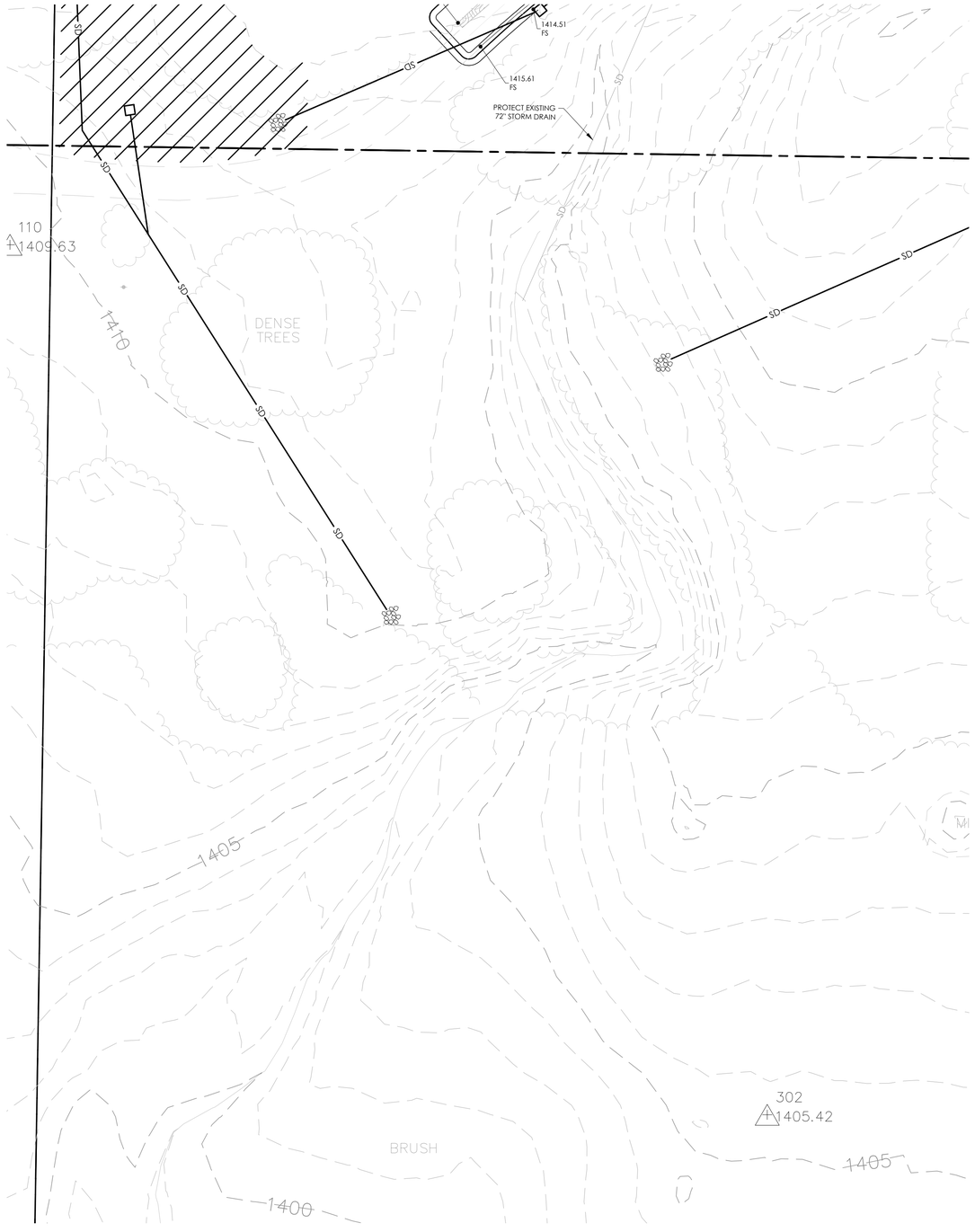
27 ACRE PARK

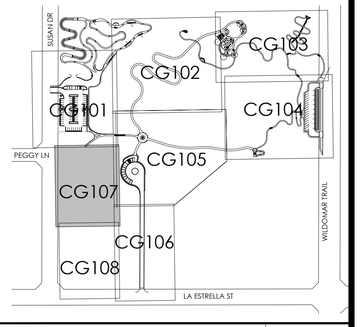
GRADING AND DRAINAGE PLAN

SHEET No.

CG106

#





0 20 40 60 feet

1"=20'

rrm design group

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PREPARED BY: _____

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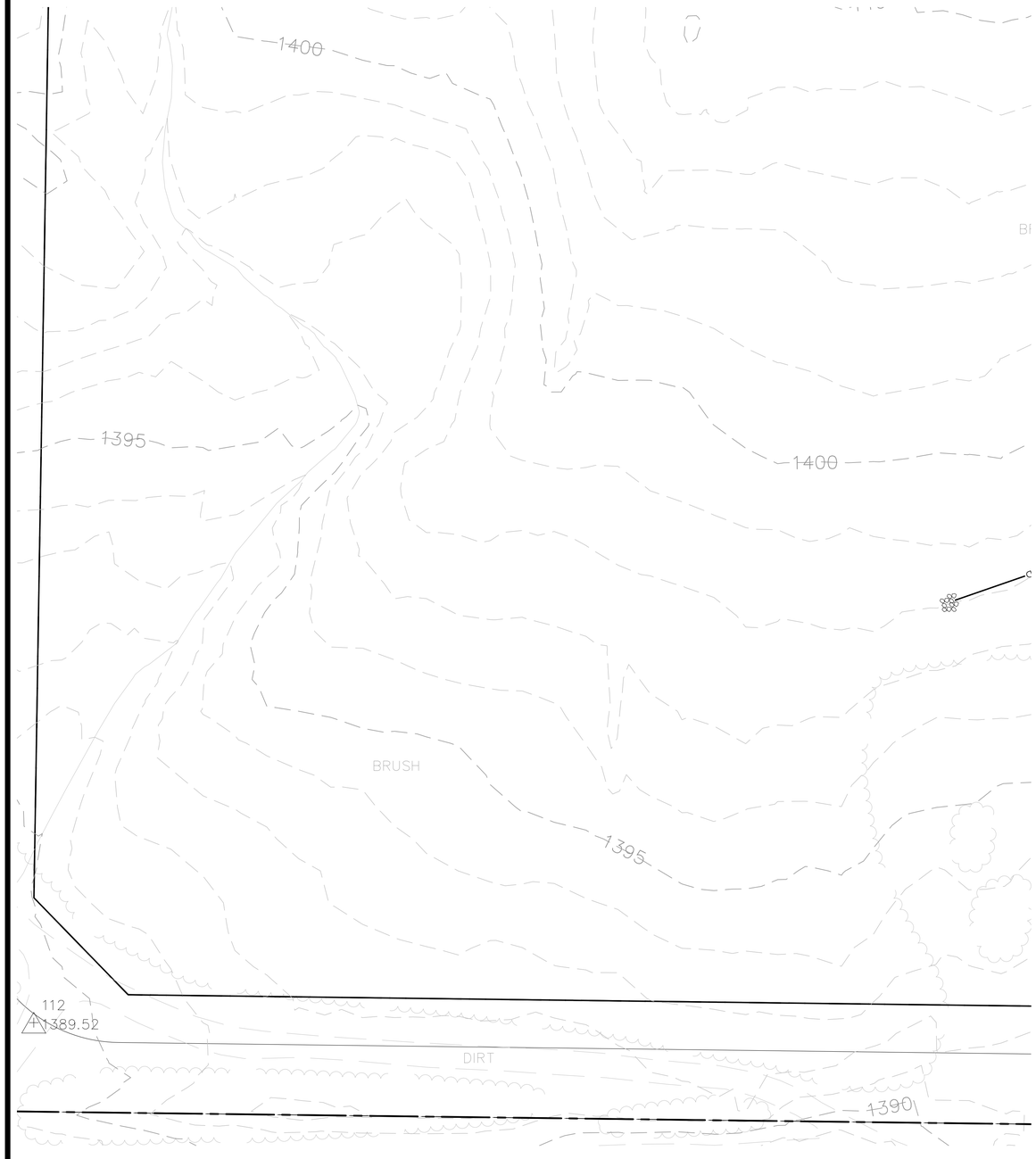
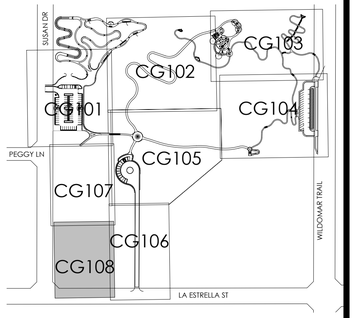
CITY OF WILDOMAR
27 ACRE PARK
GRADING AND DRAINAGE PLAN

SHEET No.
CG107
#





0 20 40 60 feet

1"=20'

rrm design group

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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED PROFESSIONAL ENGINEER
NOAH GORDON WALTERS
C90156
CIVIL
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

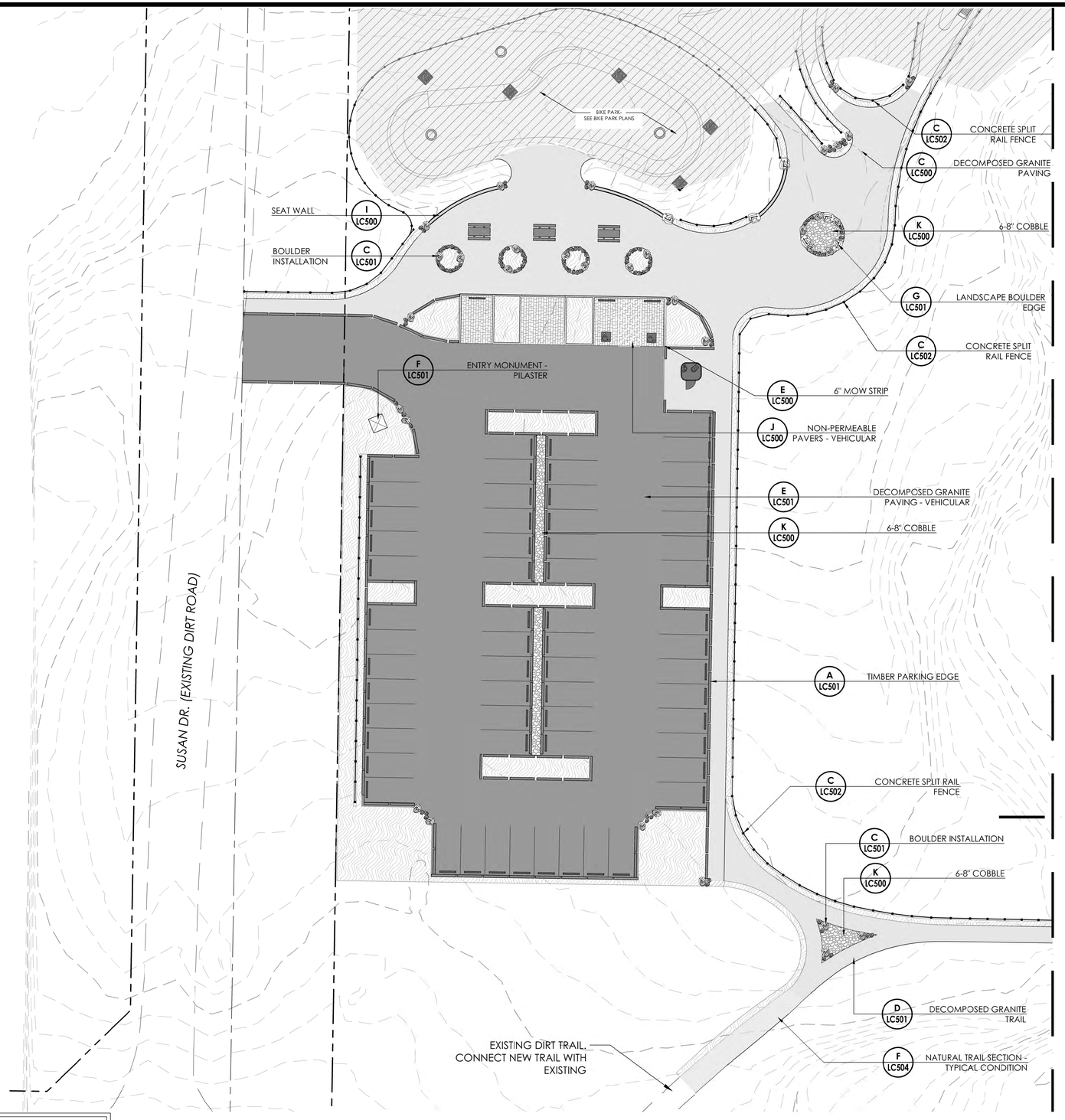
BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
GRADING AND DRAINAGE PLAN

SHEET No.
CG108
#



SYMBOL LEGEND

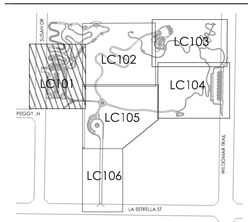
SYMBOL	DESCRIPTION	SHEET/ DETAIL
	RECTANGULAR CONCRETE TABLE	PER MANUFACTURER
	SQUARE CONCRETE TABLE	PER MANUFACTURER
	CIRCULAR CONCRETE TABLE	PER MANUFACTURER
	TIMBER PARKING EDGE	LC-501A
	PORTABLE RESTROOM FACILITY	PER CITY
	MONUMENT WELCOME SIGN	LC-501E
	WAYFINDING MONUMENT	LC-504E
	PARK LIGHTING - SEE ELEC. SHEETS	--
	PARK SIGN LIGHTING - SEE ELEC. SHEETS	--
	LANDSCAPE BOULDERS	LC-501C
	BOULDER BENCH	--
	POURED IN PLACE CONC. SEATWALL	LC-500I
	SEAT WALL WITH STONE VENEER	LC-503C
	CHEEK WALL	LC-504D
	WOOD RAIL FENCE	LC-502C
	CONCRETE PAVING	LC-500B
	ASPHALT - VEHICULAR	--
	DECOMPOSED GRANITE- VEHICULAR	LC-501E
	DECOMPOSED GRANITE- TRAIL	LC-501D
	NATIVE TRAIL	LC504 F
	RUBBER SURFACING (4.9% GRADE OR LESS) RUBBER SURFACING SLOPE	LC-500H
	ENGINEERED WOOD FIBER	--
	PAVERS- VEHICULAR	LC-500J
	FLAGSTONE PAVING	LC-500D
	6-8" COBBLE	LC-500K
	PEA GRAVEL	LC-501B
	PLANTER AREA	--
	SYNTHETIC TURF	LC500G
	BIOFILTRATION BASIN	--
	PREFABRICATED BRIDGE CROSSING	PER MANUFACTURER

NORTH

0 20 40 60 feet

1" = 20'

SITE KEY MAP



*Hatched area represents current sheet.

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER — CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E No._____ EXP._____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
CONSTRUCTION PLAN

SHEET No.
LC-101
#

MATCHLINE - SEE SHEET LC101 FOR CONTINUATION

MATCHLINE - SEE SHEET LC103 FOR CONTINUATION

MATCHLINE - SEE SHEET LC105 FOR CONTINUATION

C LC501 BOULDER INSTALLATION

B LC501 PEA GRAVEL MULCH

BIKE PARK - SEE BIKE PARK PLANS

B LC501 PEA GRAVEL MULCH

C LC501 BOULDER INSTALLATION

NATURAL TRAIL SECTION - TYPICAL CONDITION F LC504

DECOMPOSED GRANITE TRAIL D LC501

PEA GRAVEL MULCH B LC501

BOULDER INSTALLATION C LC501

PEA GRAVEL MULCH B LC501

BOULDER INSTALLATION C LC501

DECOMPOSED GRANITE TRAIL D LC501

SYMBOL LEGEND

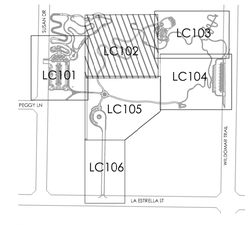
SYMBOL	DESCRIPTION	SHEET/ DETAIL
	RECTANGULAR CONCRETE TABLE	PER MANUFACTURER
	SQUARE CONCRETE TABLE	PER MANUFACTURER
	CIRCULAR CONCRETE TABLE	PER MANUFACTURER
	TIMBER PARKING EDGE	LC-501A
	PORTABLE RESTROOM FACILITY	PER CITY
	MONUMENT WELCOME SIGN	LC-501E
	WAYFINDING MONUMENT	LC-504E
	PARK LIGHTING - SEE ELEC. SHEETS	--
	PARK SIGN LIGHTING - SEE ELEC. SHEETS	--
	LANDSCAPE BOULDERS	LC-501C
	BOULDER BENCH	--
	POURED IN PLACE CONC. SEATWALL	LC-500I
	SEAT WALL WITH STONE VENEER	LC-503C
	CHEEK WALL	LC-504D
	WOOD RAIL FENCE	LC-502C
	CONCRETE PAVING	LC-500B
	ASPHALT - VEHICULAR	--
	DECOMPOSED GRANITE- VEHICULAR	LC-501E
	DECOMPOSED GRANITE- TRAIL	LC-501D
	NATIVE TRAIL	LC504 F
	RUBBER SURFACING (4.9% GRADE OR LESS) RUBBER SURFACING SLOPE	LC-500H
	ENGINEERED WOOD FIBER	--
	PAVERS- VEHICULAR	LC-500J
	FLAGSTONE PAVING	LC-500D
	6-8" COBBLE	LC-500K
	PEA GRAVEL	LC-501B
	PLANTER AREA	--
	SYNTHETIC TURF	LC500G
	BIOFILTRATION BASIN	--
	PREFABRICATED BRIDGE CROSSING	PER MANUFACTURER

NORTH

0 20 40 60 feet

1" = 20'

SITE KEY MAP



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rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL.-ENGINEER:

LICENSED LANDSCAPE ARCHITECT TAMARA KLEMASKE No. 6144 Signature 3/31/23 Renewal Date Date STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY:

R.C.E. No. EXP.

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

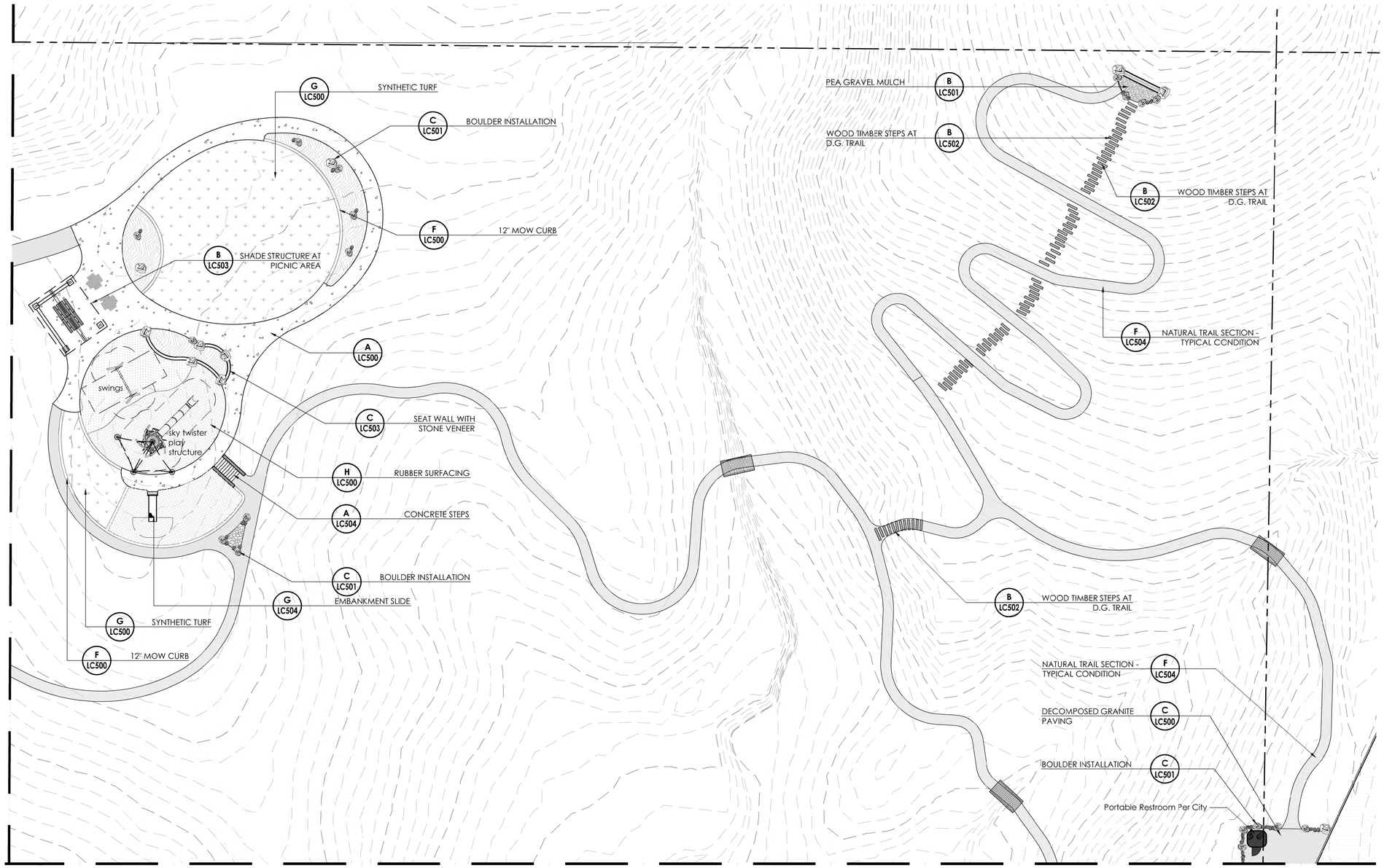
THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
CONSTRUCTION PLAN

SHEET No.
LC-102
#

MATCHLINE - SEE SHEET LC102 FOR CONTINUATION

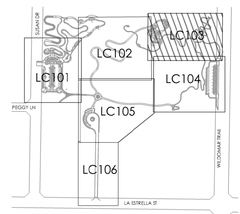


MATCHLINE - SEE SHEET LC104 FOR CONTINUATION

SYMBOL LEGEND

SYMBOL	DESCRIPTION	SHEET/ DETAIL
	RECTANGULAR CONCRETE TABLE	PER MANUFACTURER
	SQUARE CONCRETE TABLE	PER MANUFACTURER
	CIRCULAR CONCRETE TABLE	PER MANUFACTURER
	TIMBER PARKING EDGE	LC-501A
	PORTABLE RESTROOM FACILITY	PER CITY
	MONUMENT WELCOME SIGN	LC-501E
	WAYFINDING MONUMENT	LC-504E
	PARK LIGHTING - SEE ELEC. SHEETS	--
	PARK SIGN LIGHTING - SEE ELEC. SHEETS	--
	LANDSCAPE BOULDERS	LC-501C
	BOULDER BENCH	--
	POURED IN PLACE CONC. SEATWALL	LC-500I
	SEAT WALL WITH STONE VENEER	LC-503C
	CHEEK WALL	LC-504D
	WOOD RAIL FENCE	LC-502C
	CONCRETE PAVING	LC-500B
	ASPHALT - VEHICULAR	--
	DECOMPOSED GRANITE- VEHICULAR	LC-501E
	DECOMPOSED GRANITE- TRAIL	LC-501D
	NATIVE TRAIL	LC504 F
	RUBBER SURFACING (4.9% GRADE OR LESS) RUBBER SURFACING SLOPE	LC-500H
	ENGINEERED WOOD FIBER	--
	PAVERS- VEHICULAR	LC-500J
	FLAGSTONE PAVING	LC-500D
	6-8" COBBLE	LC-500K
	PEA GRAVEL	LC-501B
	PLANTER AREA	--
	SYNTHETIC TURF	LC500G
	BIOFILTRATION BASIN	--
	PREFABRICATED BRIDGE CROSSING	PER MANUFACTURER

SITE KEY MAP



*Hatched area represents current sheet.

CONSTRUCTION PLAN

NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

LICENSED LANDSCAPE ARCHITECT DAVID KLEMASKE No. 6474 Signature 3/31/23 Renewal Date Date STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

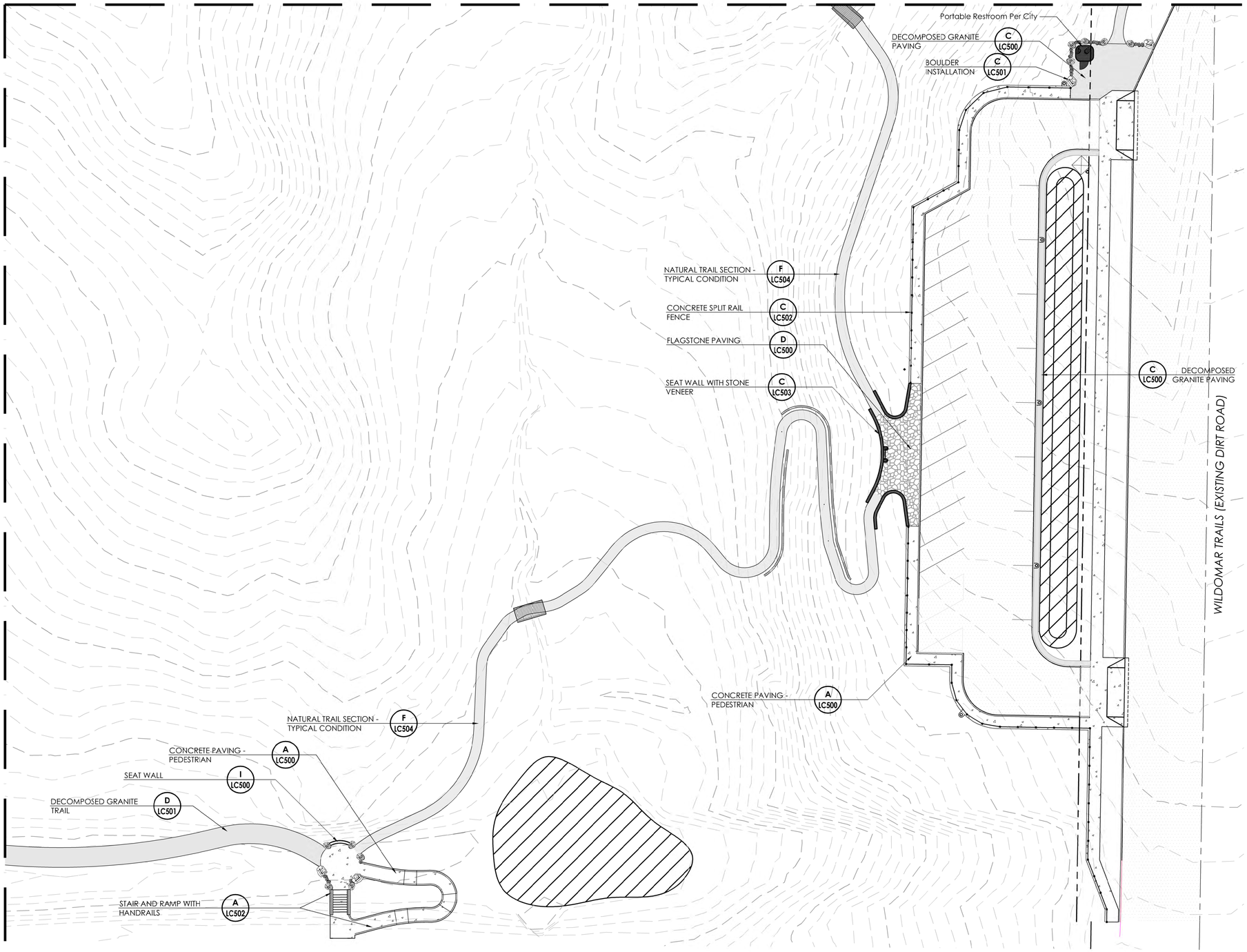
CITY OF WILDOMAR
27 ACRE PARK
CONSTRUCTION PLAN

SHEET No.
LC-103
#

N:\L1000\1064-01-RC17-27-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\CP-1064-01.dwg, LC-103, Jun 03, 2022 10:36pm, aseelbal

MATCHLINE - SEE SHEET LC103 FOR CONTINUATION

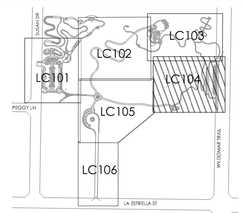
MATCHLINE - SEE SHEET LC105 FOR CONTINUATION



SYMBOL LEGEND

SYMBOL	DESCRIPTION	SHEET/ DETAIL
	RECTANGULAR CONCRETE TABLE	PER MANUFACTURER
	SQUARE CONCRETE TABLE	PER MANUFACTURER
	CIRCULAR CONCRETE TABLE	PER MANUFACTURER
	TIMBER PARKING EDGE	LC-501A
	PORTABLE RESTROOM FACILITY	PER CITY
	MONUMENT WELCOME SIGN	LC-501E
	WAYFINDING MONUMENT	LC-504E
	PARK LIGHTING - SEE ELEC. SHEETS	--
	PARK SIGN LIGHTING - SEE ELEC. SHEETS	--
	LANDSCAPE BOULDERS	LC-501C
	BOULDER BENCH	--
	POURED IN PLACE CONC. SEATWALL	LC-500I
	SEAT WALL WITH STONE VENEER	LC-503C
	CHEEK WALL	LC-504D
	WOOD RAIL FENCE	LC-502C
	CONCRETE PAVING	LC-500B
	ASPHALT - VEHICULAR	--
	DECOMPOSED GRANITE- VEHICULAR	LC-501E
	DECOMPOSED GRANITE- TRAIL	LC-501D
	NATIVE TRAIL	LC504 F
	RUBBER SURFACING (4.9% GRADE OR LESS) RUBBER SURFACING SLOPE	LC-500H
	ENGINEERED WOOD FIBER	--
	PAVERS- VEHICULAR	LC-500J
	FLAGSTONE PAVING	LC-500D
	6-8" COBBLE	LC-500K
	PEA GRAVEL	LC-501B
	PLANTER AREA	--
	SYNTHETIC TURF	LC500G
	BIOFILTRATION BASIN	--
	PREFABRICATED BRIDGE CROSSING	PER MANUFACTURER

SITE KEY MAP



*Hatched area represents current sheet.

CONSTRUCTION PLAN

NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER — CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

LICENSED LANDSCAPE ARCHITECT — LINDA KLEMASKE No. 6264 — Signature 3/31/23 Renewal Date — Date — STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
CONSTRUCTION PLAN

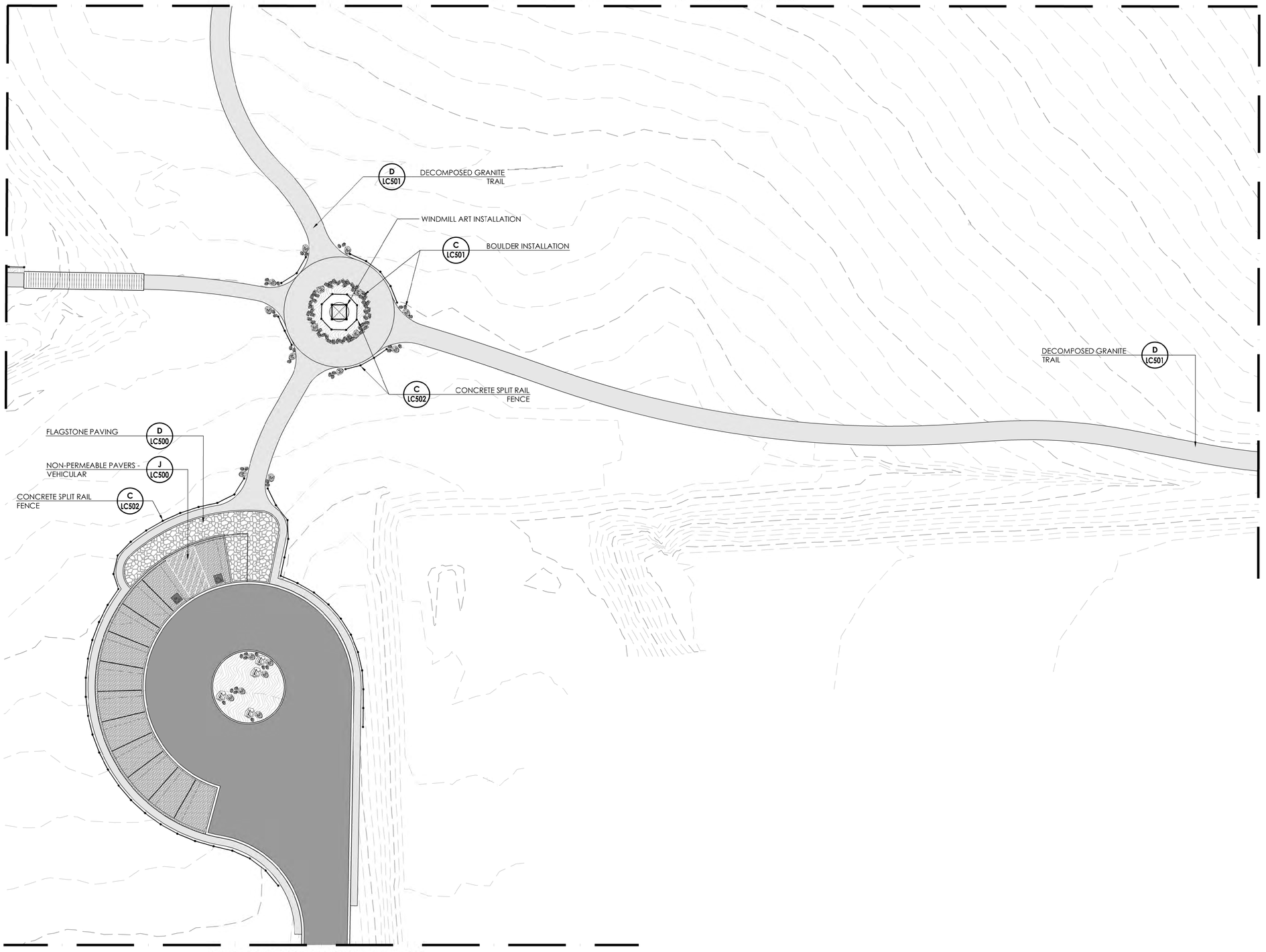
SHEET No.
LC-104
#

N:\L1000\1064-01-RC17-27-Acre-Park\Planning\G.01 TSR-Construction Drawings\AUTOCAD\CP-1064-01.dwg, LC-104, Jun 05, 2022 11:00pm, aseibel

MATCHLINE - SEE SHEET LC102 FOR CONTINUATION

MATCHLINE - SEE SHEET LC101 FOR CONTINUATION

MATCHLINE - SEE SHEET LC104 FOR CONTINUATION

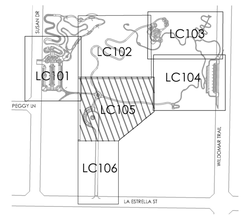


MATCHLINE - SEE SHEET LC106 FOR CONTINUATION

SYMBOL LEGEND

SYMBOL	DESCRIPTION	SHEET/ DETAIL
	RECTANGULAR CONCRETE TABLE	PER MANUFACTURER
	SQUARE CONCRETE TABLE	PER MANUFACTURER
	CIRCULAR CONCRETE TABLE	PER MANUFACTURER
	TIMBER PARKING EDGE	LC-501A
	PORTABLE RESTROOM FACILITY	PER CITY
	MONUMENT WELCOME SIGN	LC-501E
	WAYFINDING MONUMENT	LC-504E
	PARK LIGHTING - SEE ELEC. SHEETS	--
	PARK SIGN LIGHTING - SEE ELEC. SHEETS	--
	LANDSCAPE BOULDERS	LC-501C
	BOULDER BENCH	--
	POURED IN PLACE CONC. SEATWALL	LC-500I
	SEAT WALL WITH STONE VENEER	LC-503C
	CHEEK WALL	LC-504D
	WOOD RAIL FENCE	LC-502C
	CONCRETE PAVING	LC-500B
	ASPHALT - VEHICULAR	--
	DECOMPOSED GRANITE- VEHICULAR	LC-501E
	DECOMPOSED GRANITE- TRAIL	LC-501D
	NATIVE TRAIL	LC504 F
	RUBBER SURFACING (4.9% GRADE OR LESS) RUBBER SURFACING SLOPE	LC-500H
	ENGINEERED WOOD FIBER	--
	PAVERS- VEHICULAR	LC-500J
	FLAGSTONE PAVING	LC-500D
	6-8" COBBLE	LC-500K
	PEA GRAVEL	LC-501B
	PLANTER AREA	--
	SYNTHETIC TURF	LC500G
	BIOFILTRATION BASIN	--
	PREFABRICATED BRIDGE CROSSING	PER MANUFACTURER

SITE KEY MAP



*Hatched area represents current sheet.

CONSTRUCTION PLAN

NORTH

0 20 40 60 feet

1" = 20'

rrm design group

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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

REGISTERED LANDSCAPE ARCHITECT AMANDA KALEMASKE No. 6241 Signature 3/31/23 Renewal Date Date STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY:

R.C.E. No. EXP.

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor) L.S. (number), EXP. (date)

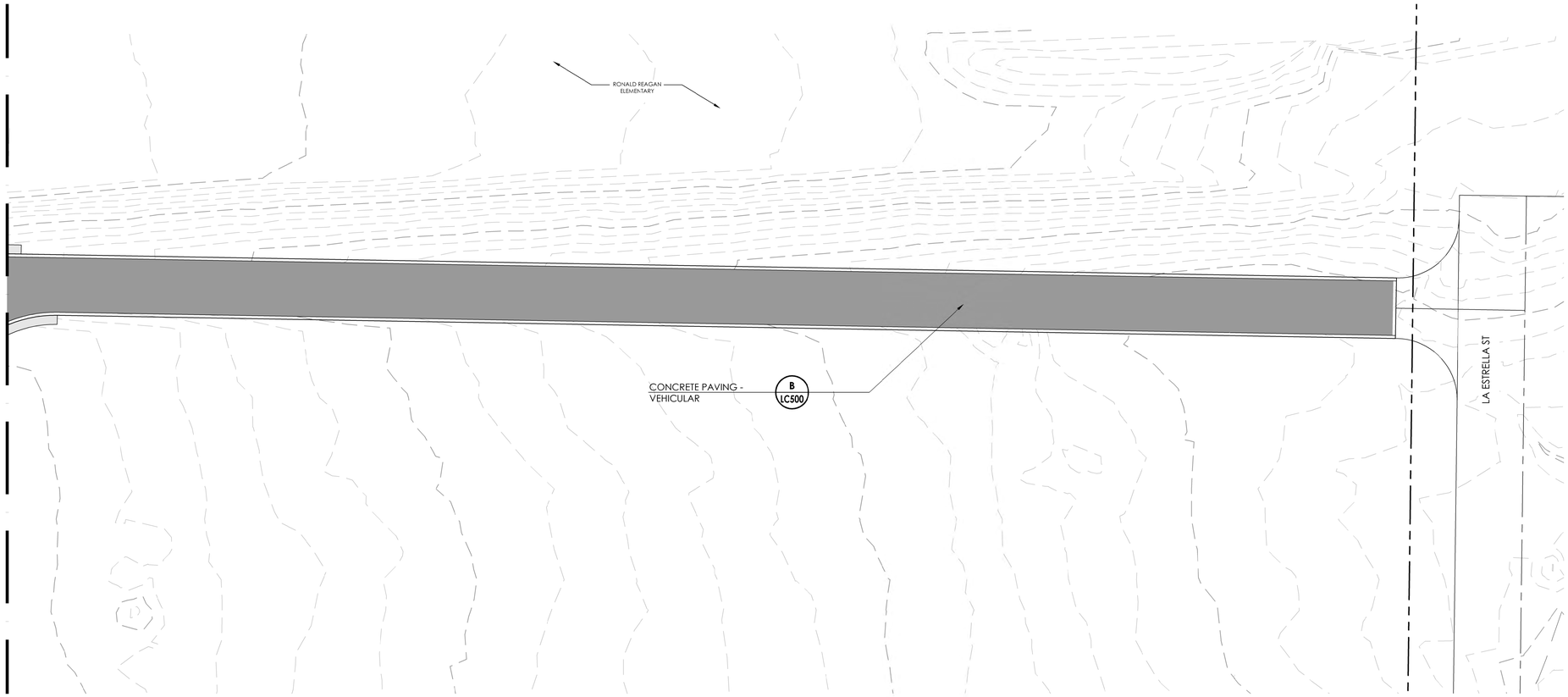
SCALE: H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
CONSTRUCTION PLAN

SHEET No.
LC-105
#

N:\\1000\1064-01-RC17-27-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\CP-1064-01.dwg, LC-105, Jun 05, 2022 11:03pm, aeselbet

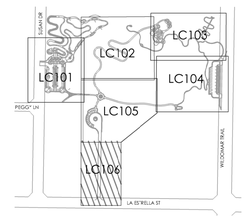
MATCHLINE - SEE SHEET LC105 FOR CONTINUATION



SYMBOL LEGEND

SYMBOL	DESCRIPTION	SHEET/ DETAIL
	RECTANGULAR CONCRETE TABLE	PER MANUFACTURER
	SQUARE CONCRETE TABLE	PER MANUFACTURER
	CIRCULAR CONCRETE TABLE	PER MANUFACTURER
	TIMBER PARKING EDGE	LC-501A
	PORTABLE RESTROOM FACILITY	PER CITY
	MONUMENT WELCOME SIGN	LC-501E
	WAYFINDING MONUMENT	LC-504E
	PARK LIGHTING - SEE ELEC. SHEETS	--
	PARK SIGN LIGHTING - SEE ELEC. SHEETS	--
	LANDSCAPE BOULDERS	LC-501C
	BOULDER BENCH	--
	POURED IN PLACE CONC. SEATWALL	LC-500I
	SEAT WALL WITH STONE VENEER	LC-503C
	CHEEK WALL	LC-504D
	WOOD RAIL FENCE	LC-502C
	CONCRETE PAVING	LC-500B
	ASPHALT - VEHICULAR	--
	DECOMPOSED GRANITE- VEHICULAR	LC-501E
	DECOMPOSED GRANITE- TRAIL	LC-501D
	NATIVE TRAIL	LC504 F
	RUBBER SURFACING (4.9% GRADE OR LESS) RUBBER SURFACING SLOPE	LC-500H
	ENGINEERED WOOD FIBER	--
	PAVERS- VEHICULAR	LC-500J
	FLAGSTONE PAVING	LC-500D
	6-8" COBBLE	LC-500K
	PEA GRAVEL	LC-501B
	PLANTER AREA	--
	SYNTHETIC TURF	LC500G
	BIOFILTRATION BASIN	--
	PREFABRICATED BRIDGE CROSSING	PER MANUFACTURER

SITE KEY MAP



*Hatched area represents current sheet.

CONSTRUCTION PLAN

NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
DANIEL KLEMASKE No. 65014 REGISTERED LANDSCAPE ARCHITECT STATE OF CALIFORNIA
Signature 3/31/23 Renewal Date
Date

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistraro #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

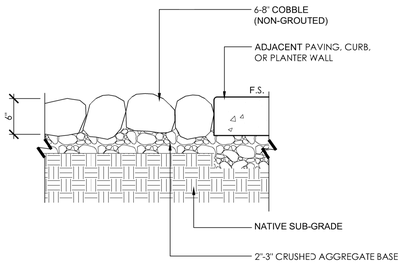
THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
CONSTRUCTION PLAN

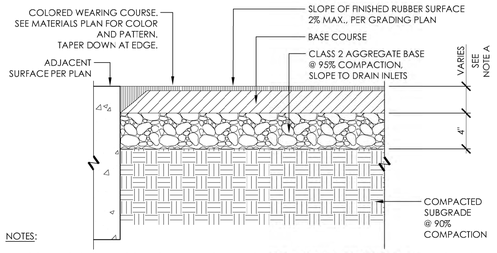
SHEET No.
LC-106
#

N:\1000\1064-01-RC17-27 Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\CP-1064-01.dwg, LC-106, Jun 05, 2022 11:07pm, oesslbel



K 6-8" COBBLE

1" = 1'-0" RRM-2-ACR-ACRE-82

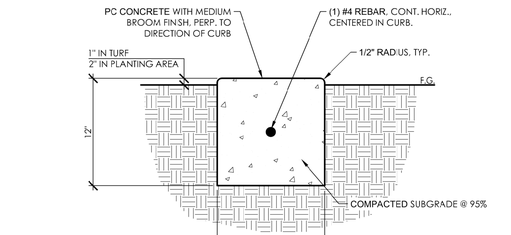


NOTES:

1. CONTRACTOR SHALL CONTACT MANUFACTURER TO DETERMINE ESTIMATED CRITICAL FALL HEIGHT FOR SPECIFIED PLAY EQUIPMENT. CONTRACTOR SHALL COORDINATE WITH MANUFACTURER TO INSTALL SUFFICIENT THICKNESS OF COMBINED BASE COURSE AND WEARING COURSE OF RUBBER SAFETY SURFACE FOR THIS HEIGHT.
2. CONTRACTOR SHALL OBTAIN TEST DATA FROM MANUFACTURER VERIFYING DEPTH OF RUBBER SAFETY SURFACE REQUIRED TO MEET THE MINIMUM STANDARDS FOR THE CRITICAL FALL HEIGHT, DETERMINED BY THE PLAY EQUIPMENT MANUFACTURER.
3. CONTRACTOR SHALL SUPPLY ALL TEST DATA TO THE DISTRICT OR THE DISTRICT'S AUTHORIZED REPRESENTATIVE FOR REVIEW PRIOR TO INSTALLATION.

H RUBBER SURFACING

1 1/2" = 1'-0" RRM-2-ACR-ACRE-81



NOTES:

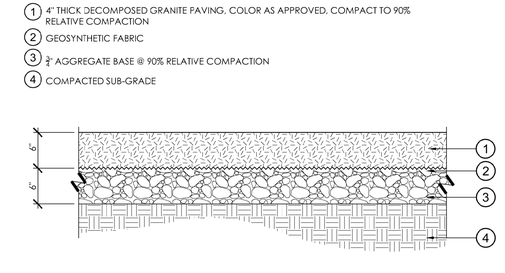
A. PROVIDE CONTRACTION JOINT EVERY 10' MAX.

B. PROVIDE EXPANSION JOINT EVERY 20' MAX.

C. SPACE JOINTS EVENLY BETWEEN BEGINNING AND END POINTS.

F 12" MOW CURB

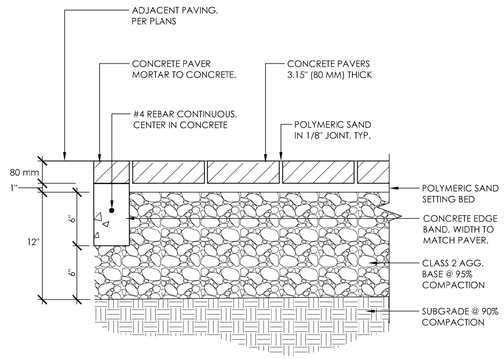
1 1/2" = 1'-0" RRM-2-ACR-ACRE-02



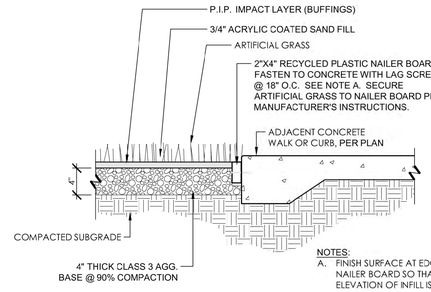
NOTES:
A. SEE CONSTRUCTION PLAN FOR SURROUNDING PAVING TYPE.
B. CHECK COLOR WITH MATERIALS LIST

C DECOMPOSED GRANITE PAVING

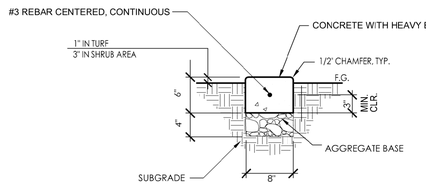
1" = 1'-0" RRM-2-ACR-ACRE-15



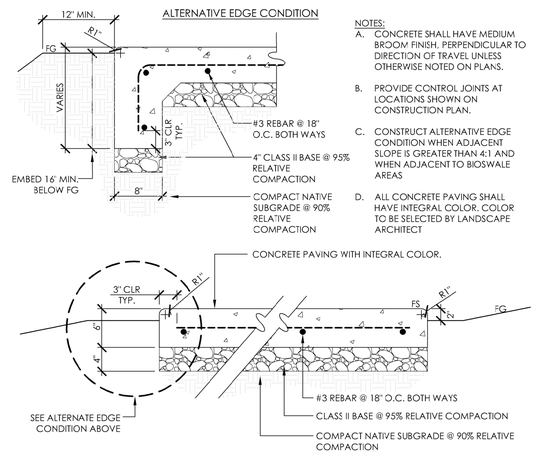
NOTES:
1. REFER TO PLANS FOR LOCATIONS OF PERMEABLE VS. NON PERMEABLE PAVERS
2. SEE MATERIALS LIST FOR COLORS, TYPES, AND FINISHES
3. REFER TO CONCRETE JOINTS DETAIL FOR CONCRETE EDGE



NOTES:
A. FINISH SURFACE AT EDGE: INSTALL NAILER BOARD SO THAT FINISH ELEVATION OF INFILL IS 1/4-INCH MAX. FROM FINISH SURFACE OF CONCRETE.



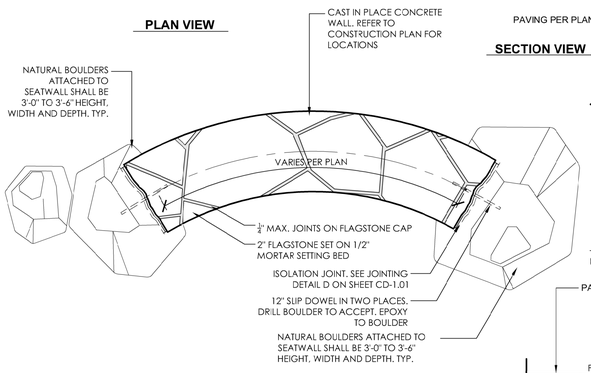
NOTES:
A. PROVIDE CONTROL JOINTS @ 10' O.C., TYPICAL.



NOTES:
A. CONCRETE SHALL HAVE MEDIUM BROOM FINISH, PERPENDICULAR TO DIRECTION OF TRAVEL UNLESS OTHERWISE NOTED ON PLANS.
B. PROVIDE CONTROL JOINTS AT LOCATIONS SHOWN ON CONSTRUCTION PLAN.
C. CONSTRUCT ALTERNATIVE EDGE CONDITION WHEN ADJACENT SLOPE IS GREATER THAN 4:1 AND WHEN ADJACENT TO BIOSWALE AREAS
D. ALL CONCRETE PAVING SHALL HAVE INTEGRAL COLOR. COLOR TO BE SELECTED BY LANDSCAPE ARCHITECT

J NON-PERMEABLE PAVERS - VEHICULAR

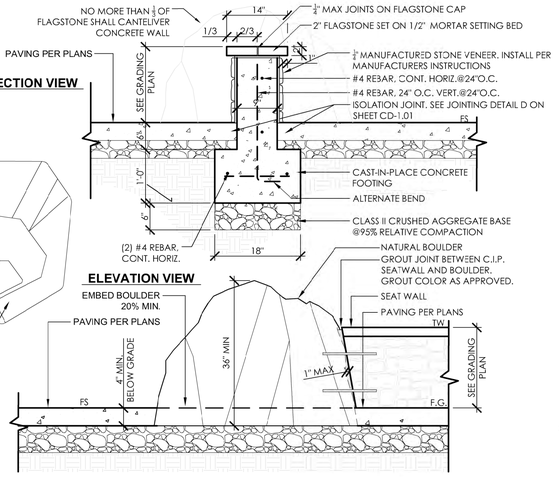
1 1/2" = 1'-0" RRM-2-ACR-ACRE-57



NOTES:
1) CONTRACTOR SHALL ARRANGE BOULDERS SUCH THAT SIDE WITH LEAST AMOUNT OF BLEMISHES IS FACING OUTWARD TOWARDS PATH.

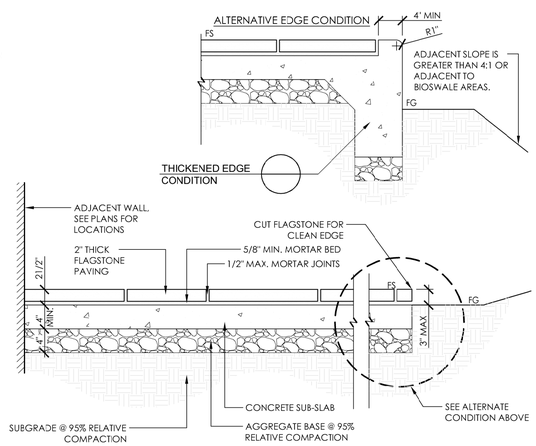
G SYNTHETIC TURF

1" = 1'-0" RRM-2-ACR-ACRE-80



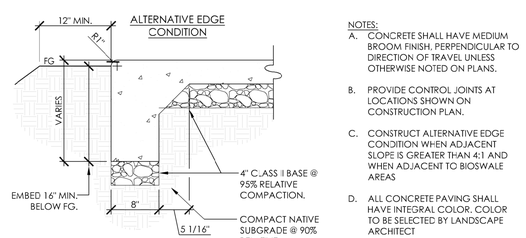
E 6" MOW STRIP

1" = 1'-0" RRM-2-ACR-ACRE-28



B CONCRETE PAVING - VEHICULAR

1" = 1'-0" RRM-2-ACR-ACRE-13



NOTES:
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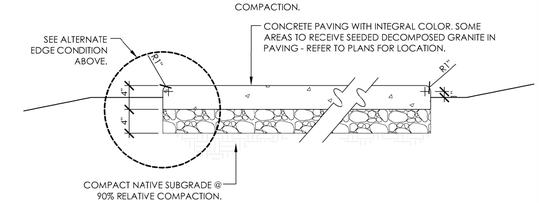
B. PROVIDE CONTROL JOINTS AT LOCATIONS SHOWN ON CONSTRUCTION PLAN.
C. CONSTRUCT ALTERNATIVE EDGE CONDITION WHEN ADJACENT SLOPE IS GREATER THAN 4:1 AND WHEN ADJACENT TO BIOSWALE AREAS
D. ALL CONCRETE PAVING SHALL HAVE INTEGRAL COLOR. COLOR TO BE SELECTED BY LANDSCAPE ARCHITECT

I SEAT WALL

3/4" = 1'-0"

D FLAGSTONE PAVING

1" = 1'-0" RRM-2-ACR-ACRE-01



A CONCRETE PAVING - PEDESTRIAN

1" = 1'-0" RRM-2-ACR-ACRE-12

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED PROFESSIONAL ENGINEER — NOAH GORDON WALTERS — 99136 — Renewal Date — CIVIL — STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum =
BENCHMARK # _____

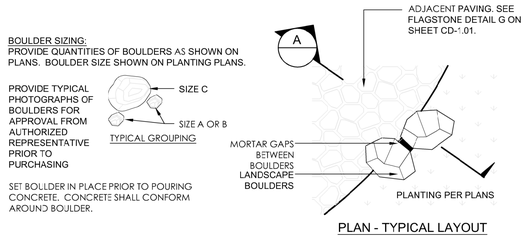
THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

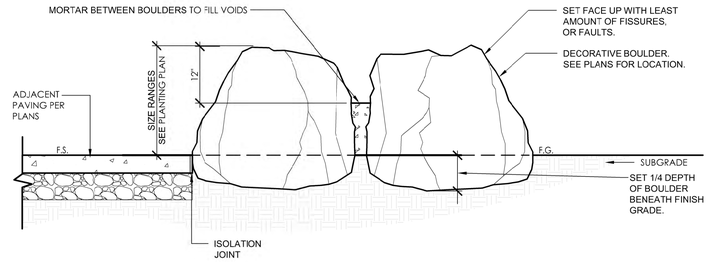
CITY OF WILDOMAR
27 ACRE PARK
CONSTRUCTION DETAILS

SHEET No.
LC-500
#

N:\1000\1064-0 -RC17-07-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\CD-1064-01.dwg, LC500, Jun 06, 2022 10:58pm, oseibel



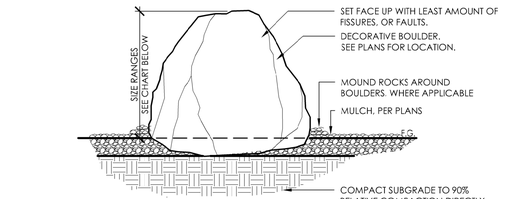
PLAN - TYPICAL LAYOUT



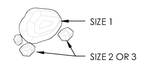
G LANDSCAPE BOULDER EDGE

3/4" = 1'-0"

RRM-2-ACR-ACRE-58



BOULDER SIZING:
PROVIDE QUANTITIES OF BOLLDERS PER QUANTITIES SHOWN ON PLANS. SEE MATERIALS LIST FOR SIZING SPECIFICATIONS.

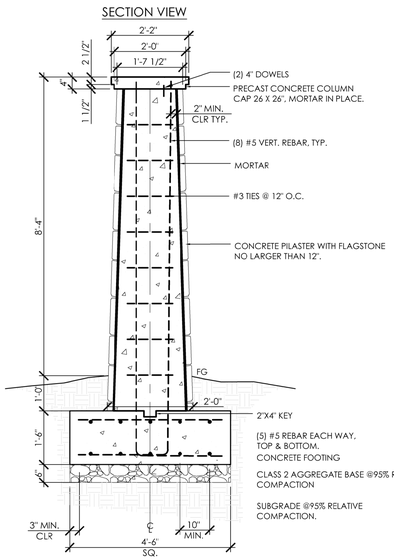


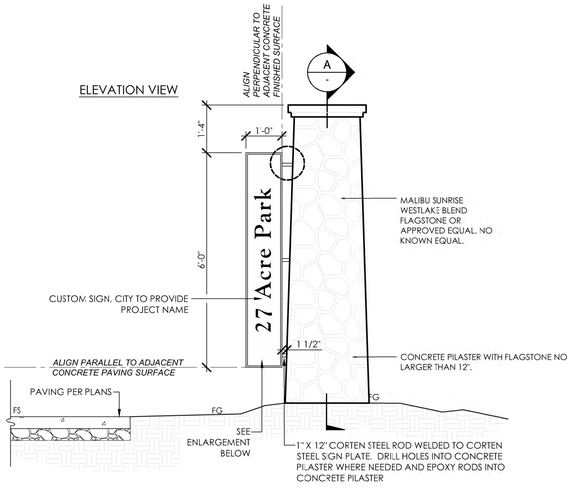
TYPICAL GROUPING

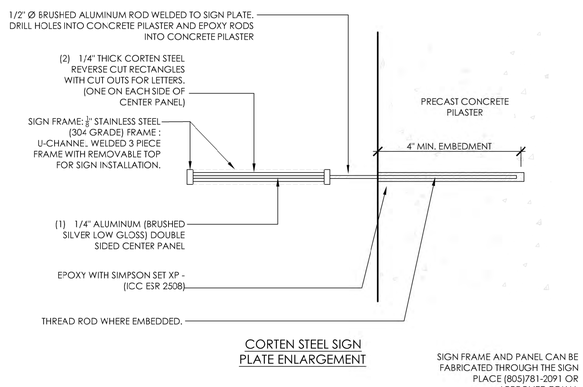
C BOULDER INSTALLATION

3/4" = 1'-0"

RRM-2-ACR-ACRE-14







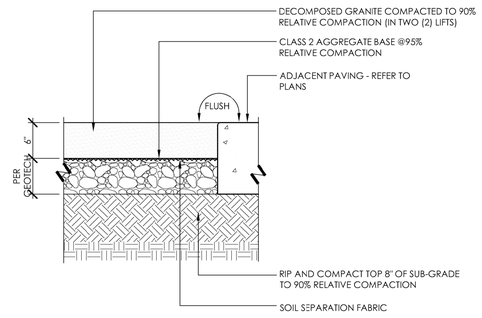
CORTEN STEEL SIGN PLATE ENLARGEMENT

SIGN FRAME AND PANEL CAN BE FABRICATED THROUGH THE SIGN PLACE (805)781-2091 OR APPROVED EQUAL

F ENTRY MONUMENT - PILASTER

1/2" = 1'-0"

RRM-2-ACR-ACRE-34

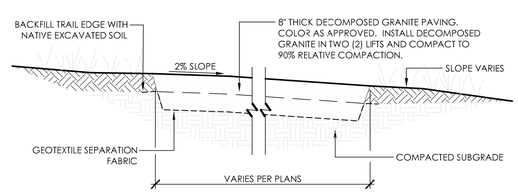


E DECOMPOSED GRANITE PAVING - VEHICULAR

1" = 1'-0"

RRM-2-ACR-ACRE-78

SECTION THROUGH TYPICAL TRAIL

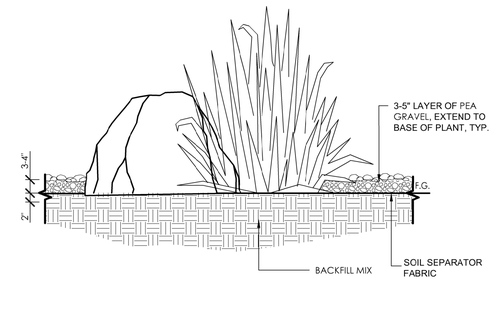


NOTES:
1) SUFFICIENT WATER SHALL BE ADDED TO DG TO FACILITATE COMPACTION OF TRAIL WITH VIBRATORY ROLLER. FINAL COMPACTION DEPTH SHALL BE 8" AT CROWN AND NO LESS THAN 6" DEEP AT TRAIL EDGE.
2) 2 % MINIMUM SLOPE ON SUBGRADE.

D DECOMPOSED GRANITE TRAIL

N.T.S.

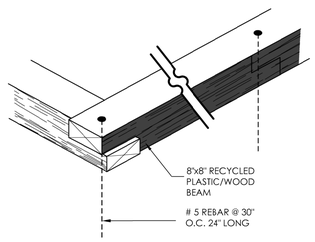
RRM-2-ACR-ACRE-16



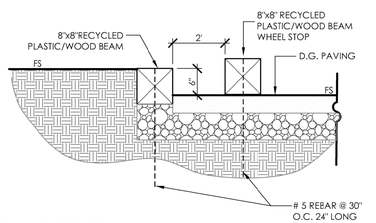
B PEA GRAVEL MULCH

3/4" = 1'-0"

RRM-2-ACR-ACRE-08



CORNER DETAIL



A TIMBER PARKING EDGE

3/4" = 1'-0"

RRM-2-ACR-ACRE-87

rrm design group

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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:
Date:
Daniel A. York. Director of Public Works/ City Engineer, PE 43212
ACCEPTANCE AS TO CONFORMANCE WITH APP.ICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED LANDSCAPE ARCHITECT AMANDA LEMASKE No. 6547 STATE OF CALIFORNIA
Expiration 3/31/23 Renewal Date
Date

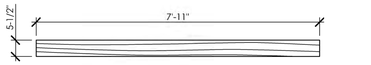
RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675
PREPARED BY: _____
R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____
THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)
SCALE:
H: As Noted V: As Noted

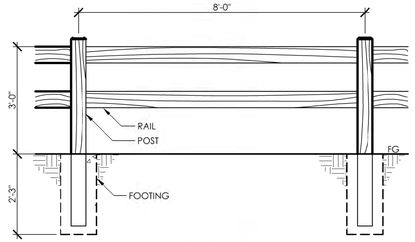
CITY OF WILDOMAR
27 ACRE PARK
CONSTRUCTION DETAILS

SHEET No.
LC-501
#

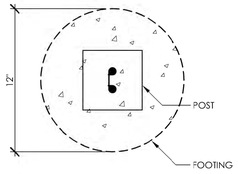
N:\1000\1364-01-RC17-27-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\CD-1364-01.dwg, LC501, Jun 06, 2022 11:01pm, aeseibel



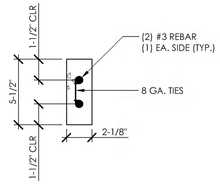
RAIL



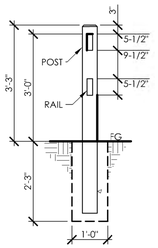
ELEVATION - 2 RAIL FENCE



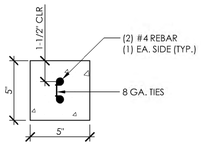
FOOTING



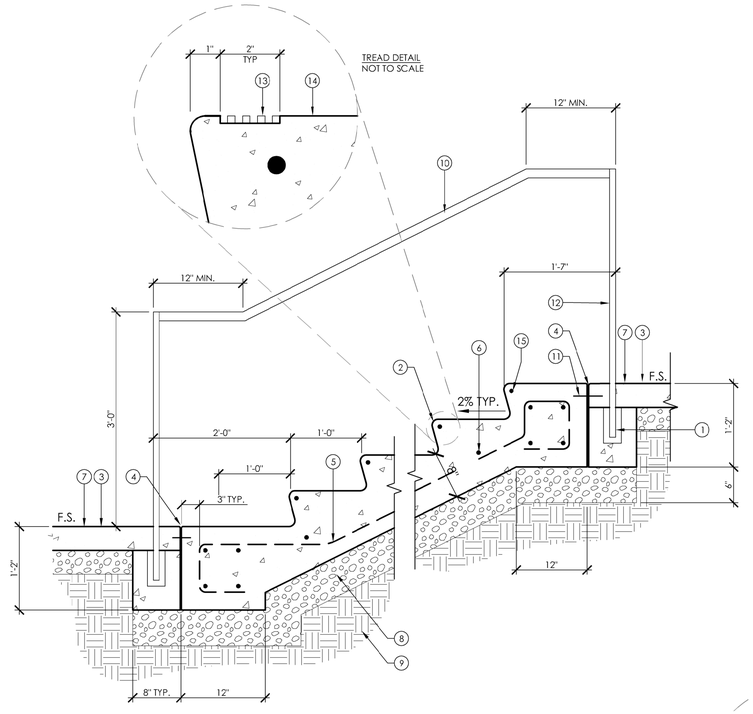
RAIL SECTION



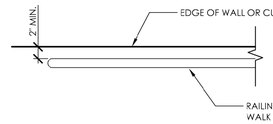
SECTION - 2 RAIL FENCE



LINE POST

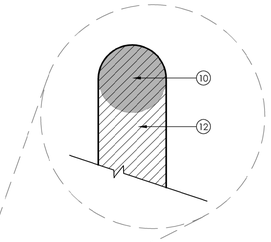


STEPS WITH HANDRAIL

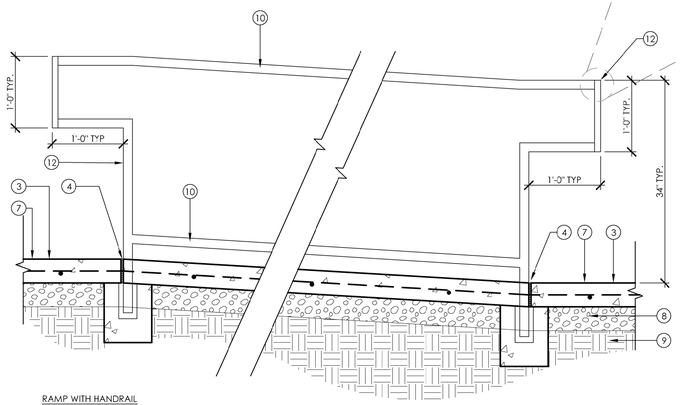


1. CONCRETE POST FOOTING HELD BELOW FINISHED PAVING
2. 1/2" RADIUS TOOLED EDGE
3. LANDING PER CIVIL GRADING PLAN
4. EXPANSION JOINT
5. #4 REBAR @ 18" O.C.
6. #4 REBAR @ 18" O.C. HORIZ. MAX - PLACE AS SHOWN
7. ADJACENT PAVING PER PLAN
8. CLASS 2 AGGREGATE BASE PER GEOTECHNICAL REPORT
9. COMPACTED NATIVE SOIL
10. 1-1/2" ROUND TUBULAR STEEL TOP RAIL AND/OR BOTTOM RAIL
11. #4 12" DOWEL @ 18" O.C. AT ADJACENT CONCRETE PAVING
12. 1-1/2" X 1" RECTANGULAR TUBULAR STEEL POSTS AT 6'-0" O.C. MAX. AT END CONDITIONS POST SERVES AS CAP TO HANDRAIL. RADIUS TOP TO CONFORM WITH TUBULAR STEEL AS SHOWN IN ENLARGEMENT
13. SCORED WARNING STRIP STAINED CONTRASTING COLOR. EACH TREAD, TYP.
14. HEAVY BROOM FINISH ON TREAD, PERPENDICULAR TO DIRECTION OF TRAVEL
15. #4 NOSING BAR TYP.

NOTES:
1. SEE GRADING PLAN FOR TOP AND BOTTOM STEP ELEVATIONS AS WELL AS RAMP GRADING/GRADE BREAKS.
2. RISER HEIGHTS SHALL BE EQUAL WITHIN EACH CONTINUOUS FLIGHT OF STEPS.
3. ALL HANDRAILS SHALL MEET CURRENT CODE.
4. SEE MATERIALS LIST FOR COLOR, TYPE AND FINISH



END OF HANDRAIL ENLARGMENT
NOT TO SCALE

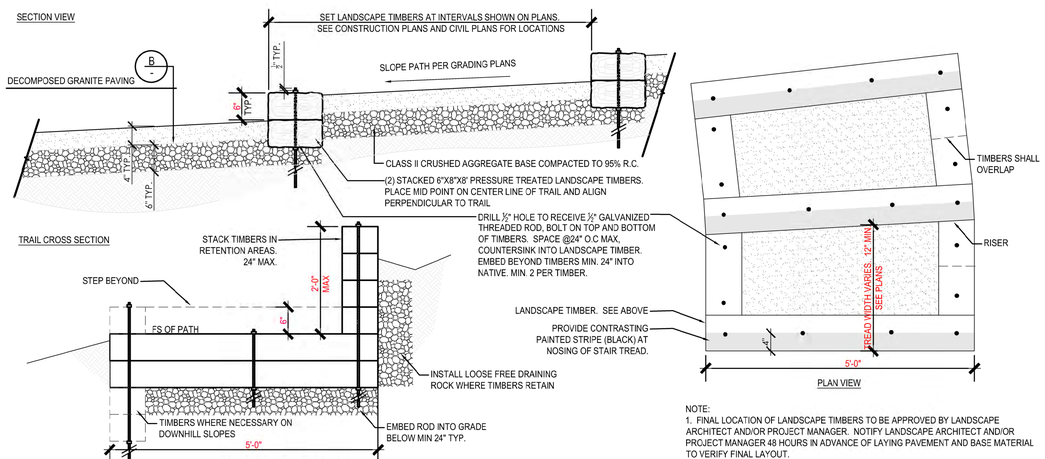


RAMP WITH HANDRAIL

C CONCRETE SPLIT RAIL FENCE

1/2" = 1'-0"

RRM-2-ACR-ACRE-18



NOTE:
1. FINAL LOCATION OF LANDSCAPE TIMBERS TO BE APPROVED BY LANDSCAPE ARCHITECT AND/OR PROJECT MANAGER. NOTIFY LANDSCAPE ARCHITECT AND/OR PROJECT MANAGER 48 HOURS IN ADVANCE OF LAYING PAVEMENT AND BASE MATERIAL TO VERIFY FINAL LAYOUT.

B WOOD TIMBER STEPS AT D.G. TRAIL

3/4" = 1'-0"

RRM-2-ACR-ACRE-63

A STAIR AND RAMP WITH HANDRAILS

1" = 1'-0"

RRM-2-ACR-ACRE-05

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
DANIEL ANDREW YORK
No. 43212
Registered Professional Engineer
3/31/23
Renewal Date
Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

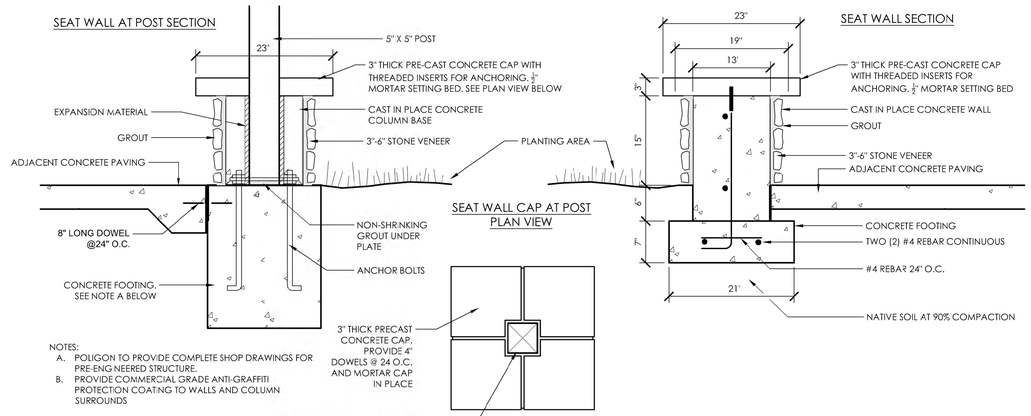
THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
CONSTRUCTION DETAILS

SHEET No.
LC-502
#

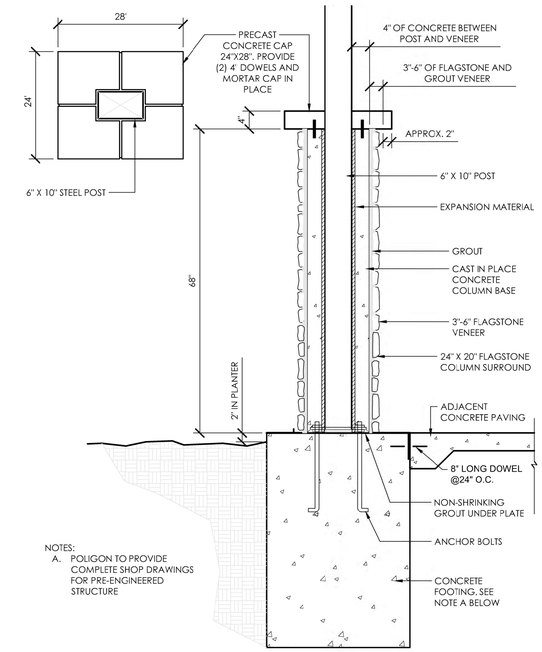
N:\1000\1064-0 -RC17-37-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\CD-1064-01.dwg, LC502, Jun 06, 2022 11:02pm, aseelbel



C SEAT WALL WITH STONE VENEER

1" = 1'-0"

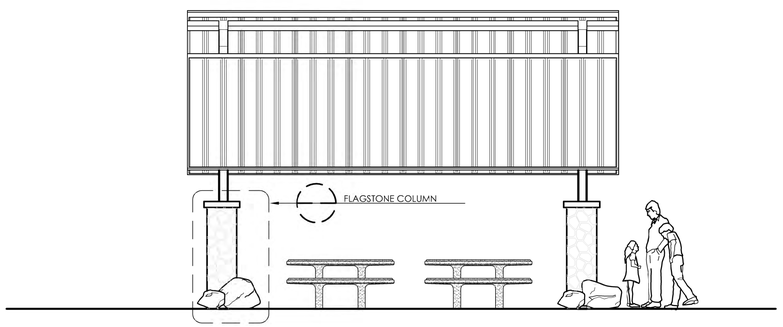
RRM-2-ACR-ACRE-89



A FLAGSTONE COLUMN SURROUND

3/4" = 1'-0"

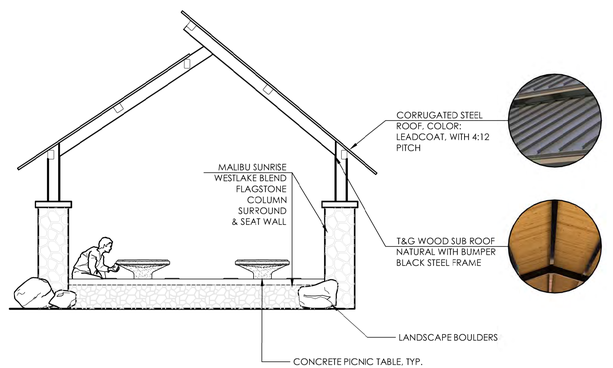
RRM-2-ACR-ACRE-88



B SHADE STRUCTURE AT PICNIC AREA

1/4" = 1'-0"

RRM-2-ACR-ACRE-85



rrm design group

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MARK	BY	DATE	REVISIONS	APPR.	DATE
				CITY	
ENGINEER					

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

REGISTERED LANDSCAPE ARCHITECT AMANDA LEMASKI No. 6284 Signature 3/31/23 Renewal Date Date STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY:

R.C.E. No. EXP.

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
CONSTRUCTION DETAILS

SHEET No.
LC-503
#

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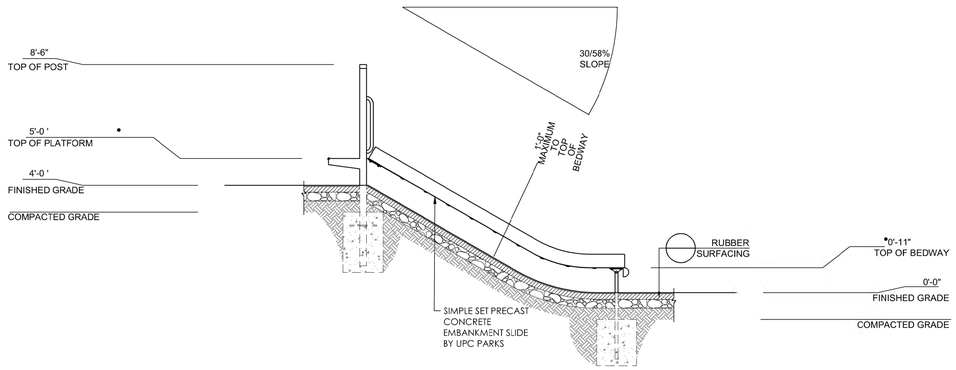
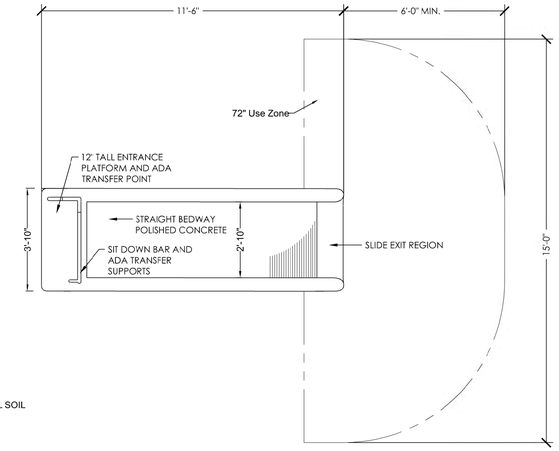


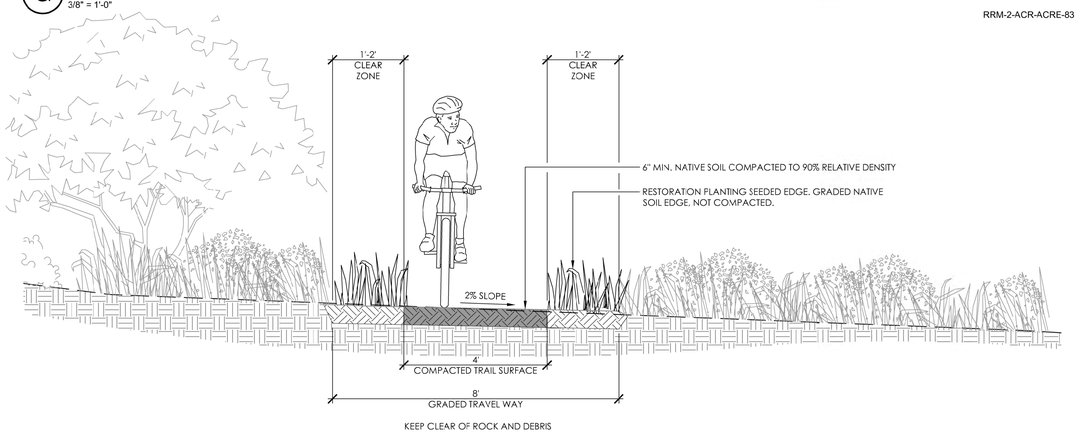


NOTES:
1. CONCRETE FOOTING AND NO. 4 REBAR (BY OTHERS) PER LOCAL SOIL CONDITIONS.
2. CONSULT PROJECT ENGINEER FOR EXACT REQUIREMENTS.

G EMBANKMENT SLIDE

3/8" = 1'-0"

RRM-2-ACR-ACRE-83

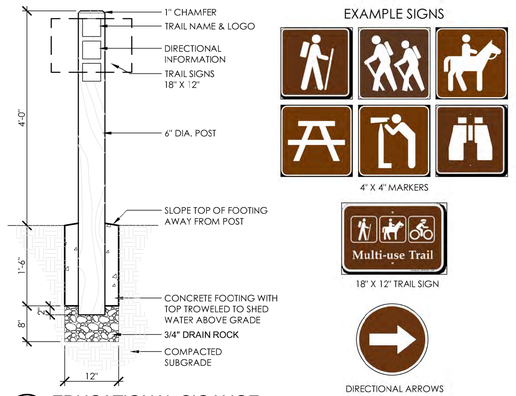


KEEP CLEAR OF ROCK AND DEBRIS

F NATURAL TRAIL SECTION - TYPICAL CONDITION

1/2" = 1'-0"

RRM-2-ACR-ACRE-86



EXAMPLE SIGNS

4" X 4" MARKERS

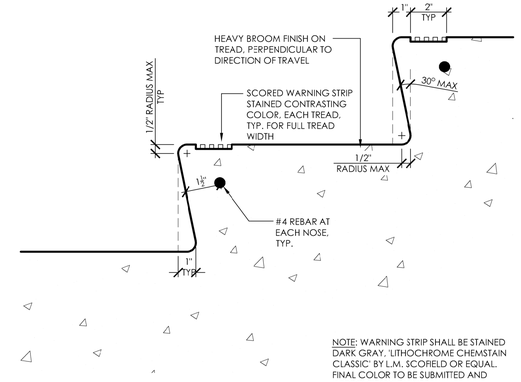
18" X 12" TRAIL SIGN

DIRECTIONAL ARROWS

E EDUCATIONAL SIGANGE

3/4" = 1'-0"

RRM-2-ACR-ACRE-84

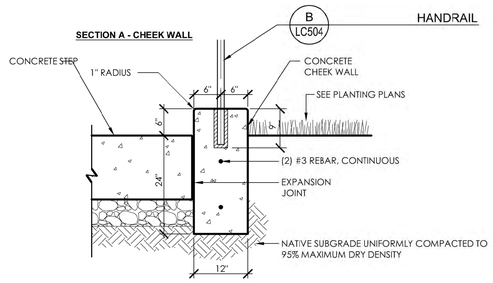


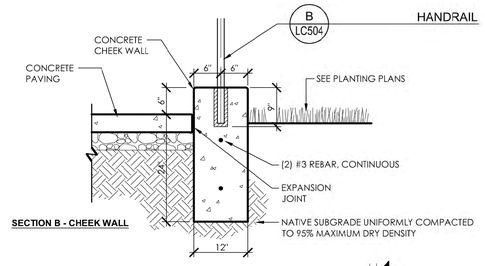
NOTE: WARNING STRIP SHALL BE STAINED DARK GRAY, 'LITHOCHROME CHEMSTAIN CLASSIC' BY L.M. SCOFIELD OR EQUAL. FINAL COLOR TO BE SUBMITTED AND APPROVED BY OWNER.

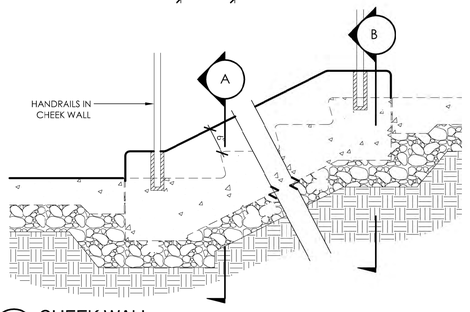
C TREAD NOSING

3" = 1'-0"

321319.13-07





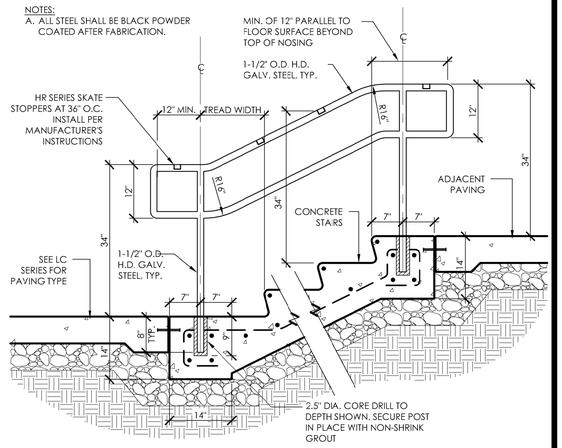


D CHEEK WALL

3/4" = 1'-0"

321313.13-13

NOTES:
A. ALL STEEL SHALL BE BLACK POWDER COATED AFTER FABRICATION.

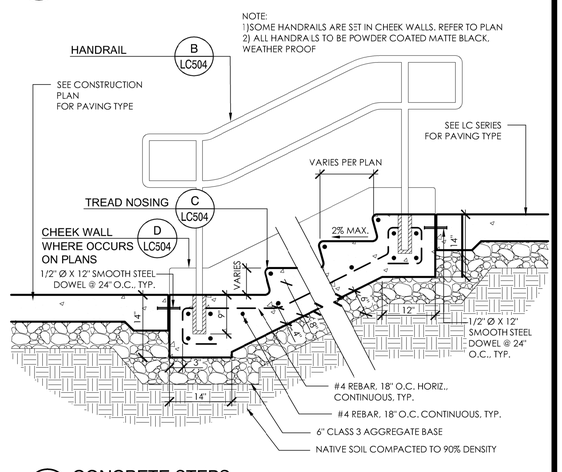


B HANDRAIL

3/4" = 1'-0"

055213-08

NOTE:
1)SOME HANDRAILS ARE SET IN CHEEK WALLS, REFER TO PLAN
2) ALL HANDRAILS TO BE POWDER COATED MATTE BLACK, WEATHER PROOF



A CONCRETE STEPS

3/4" = 1'-0"

RRM-2-ACR-ACRE-90

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER — CITY

CITY OF WILDOMAR
ACCEPTED BY:
Date:
Daniel A. York, Director of Public Works/ City Engineer, PE 43212
ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED LANDSCAPE ARCHITECT — CHANDRA KLEMASKI No. 6284 — STATE OF CALIFORNIA
Signature 3/31/23 Renewal Date
Date

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675
PREPARED BY:
R.C.E No. EXP.

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # ___
THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
CONSTRUCTION DETAILS

SHEET No.
LC-504
#

PLANT SCHEDULE

TREES	BOTANICAL NAME	COMMON NAME	CONT	WUCOLS	QTY
	ARCTOSTAPHYLOS DENSIFLORA 'HOWARD MCMINN'	HOWARD MCMINN VINE HILL MANZANITA	24"BOX	LOW	7
	CERCIS OCCIDENTALIS	WESTERN REDBUD MULTI-TRUNK	24"BOX	LOW	9
	CHILOPSIS LINEARIS 'ART'S SEEDLESS'	ART'S SEEDLESS DESERT WILLOW	24"BOX	LOW	4
	HETEROMELES ARBUTIFOLIA	TOYON	24"BOX	LOW	2
	PARKINSONIA X 'DESERT MUSEUM'	DESERT MUSEUM PALO VERDE	15 GAL	VERY LOW	11
	PINUS CANARIENSIS	CANARY ISLAND PINE	48"BOX	VERY LOW	9
	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	24"BOX	LOW	10
	QUERCUS AGRIFOLIA	COAST LIVE OAK	72"BOX	VERY LOW	3
	SALIX LASIOLEPIS	ARROYO WILLOW	15 GAL	MODERATE	6
	SAMBUCUS MEXICANA	MEXICAN ELDERBERRY	24"BOX	LOW	7

SHRUBS	BOTANICAL NAME	COMMON NAME	CONT	WUCOLS	QTY
	AGAVE PARRYI TRUNCATA	ARTICHOKE PARRY'S AGAVE	5 GAL	LOW	45
	ARTEMISIA CALIFORNICA 'CANYON GREY'	CANYON GREY CALIFORNIA SAGEBRUSH	5 GAL	LOW	9
	ARTEMISIA X 'POWIS CASTLE'	POWIS CASTLE ARTEMISIA	5 GAL	VERY LOW	11
	CALLIANDRA X 'LIANCA' TM	SIERRA STARR FAIRY DUSTER	5 GAL	LOW	40
	CAREX PRAEGRACILIS	CALIFORNIA FIELD SEDGE	5 GAL	MODERATE	100
	COREOPSIS VERTICILLATA 'MOONBEAM'	MOONBEAM TICKSEED	5 GAL	LOW	69
	CYLINDROPUNTIA CALIFORNICA PARKERI	CANE CHOLLA	5 GAL	LOW	14
	DUDLEYA BRITTONII	GIANT CHALK DUDLEYA	5 GAL	LOW	66
	ENCELIA FARINOSA	BRITTLE BUSH	5 GAL	LOW	31
	HESPERALOE PARVIFLORA 'PERPA' TM	BRAKELIGHTS RED YUCCA	5 GAL	VERY LOW	15
	HESPEROYUCCA WHIPPLEI	CHAPARRAL YUCCA	5 GAL	VERY LOW	5
	JUNCUS PATENS 'CARMAN'S GREY'	SPREADING RUSH	5 GAL	LOW	119
	LEYMUS CONDENSATUS 'CANYON PRINCE'	CANYON PRINCE GIANT WILD RYE	5 GAL	VERY LOW	75
	MUHLENBERGIA DUBIA	PINE MUHLY	5 GAL	LOW	545
	OPUNTIA BASILARIS	BEAVERTAIL PRICKLYPEAR	5 GAL	VERY LOW	10
	PENSTEMON EATONII	FIRECRACKER PENSTEMON	5 GAL	LOW	41
	PEROVSKIA ATRIPLICIFOLIA 'LITTLE SPIRE'	LITTLE SPIRE RUSSIAN SAGE	5 GAL	LOW	37
	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	5 GAL	LOW	6
	ROMNEYA COULTERI 'WHITE CLOUD'	WHITE CLOUD MATILIJA POPPY	5 GAL	LOW	30
	SALVIA APIANA COMPACTA	COMPACT WHITE SAGE	5 GAL	VERY LOW	44
	SALVIA SPATHACEA	HUMMINGBIRD SAGE	5 GAL	LOW	87
	SPHAERALCEA AMBIGUA 'LOUIS HAMILTON' TM	LOUIS HAMILTON GLOBEMALLOW	5 GAL	LOW	14
	TAGETES LEMMONII	COPPER CANYON DAISY	5 GAL	LOW	29
	VERBENA LILACINA 'DE LA MAR'	DE LA MAR LILAC VERBENA	5 GAL	LOW	27
	ZAUSCHNERIA CALIFORNICA 'EVERETT'S CHOICE'	EVERETT'S CHOICE CALIFORNIA FUCHSIA	5 GAL	VERY LOW	18

SHRUB AREAS	BOTANICAL NAME	COMMON NAME	QTY
	HABITAT RESTORATION AREA		30,279 SF

GROUND COVERS	BOTANICAL NAME	COMMON NAME	CONT	WUCOLS	QTY
	BACCHARIS PILULARIS 'PIGEON POINT'	PIGEON POINT COYOTE BRUSH	5 GAL	LOW	3,744 SF
	BOUTELOUA GRACILIS 'BLONDE AMBITION'	BLONDE AMBITION BLUE GRAMA	1 GALLON	LOW	5,503 SF
	FESTUCA ARUNDINACEA 'MARATHON II'	MARATHON II FESCUE	PLUGS	LOW	748 SF
	IVA HAYESIANA	SAN DIEGO POVERTY WEED	FLAT	LOW	11,102 SF
	SALVIA X 'BEE'S BLISS'	BEE'S BLISS SAGE	FLAT	LOW	1,724 SF
	SANTOLINA CHAMAECYPARISSUS	LAVENDER COTTON	1 GALLON	LOW	1,664 SF

rrm design group

NOTE:
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LA ESTRELLA STREET

MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER | CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
CHRISTY KAMINSKA-KLEMASKE No. 6841
Signature
5/31/23
Renewal Date
Date
REGISTERED LANDSCAPE ARCHITECT
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

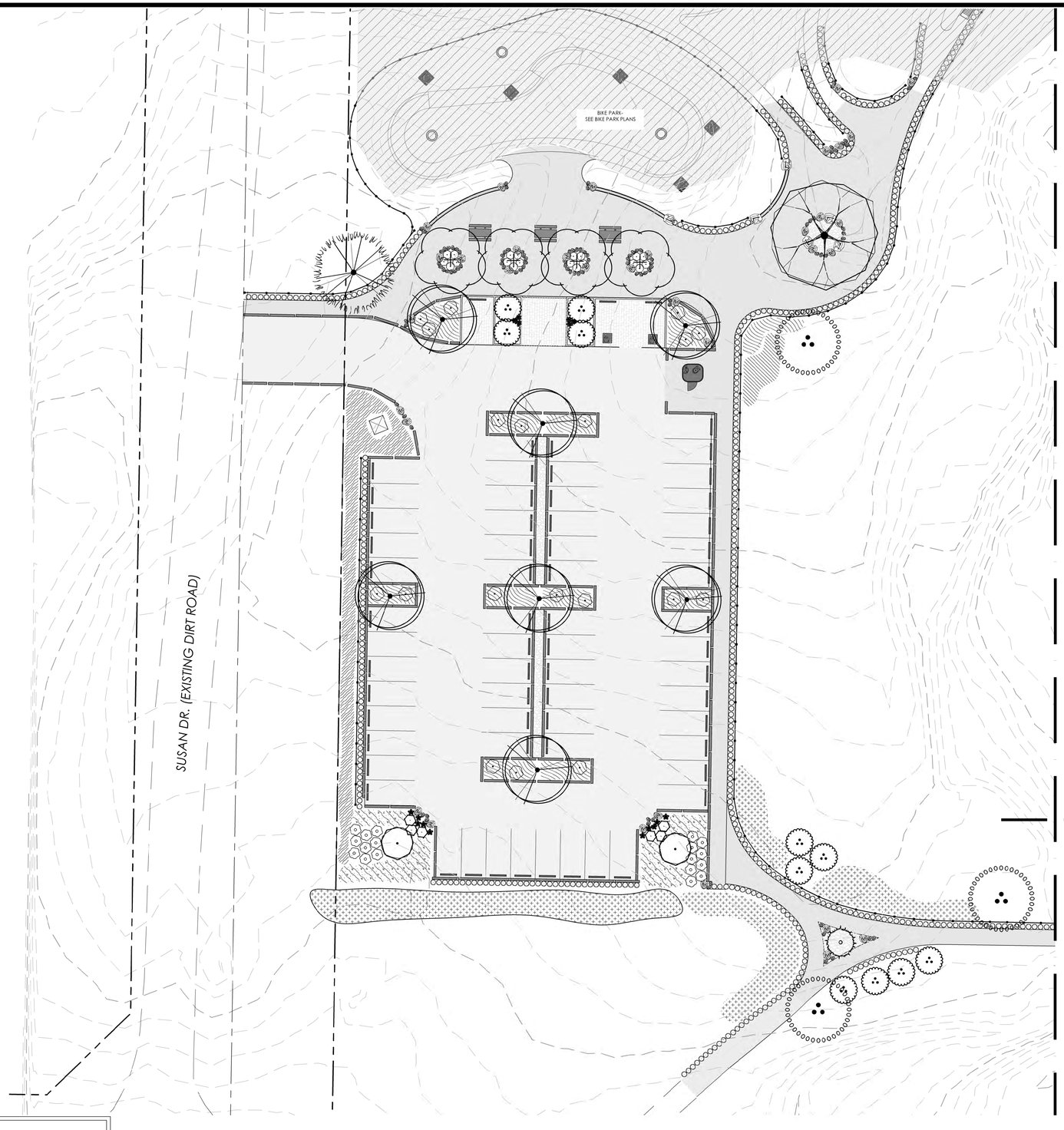
BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
PLANTING LEGEND

SHEET No.
LP-100
#



MATCHLINE - SEE SHEET LP102 FOR CONTINUATION

MATCHLINE - SEE SHEET LP105 FOR CONTINUATION

PLANT SCHEDULE 1

TREES	BOTANICAL NAME	COMMON NAME	CONT	WUCOLS	QTY
	ARCTOSTAPHYLOS DENSIFLORA 'HOWARD MCMINN'	HOWARD MCMINN VINE HILL MANZANITA	24"BOX	LOW	2
	CHILOPSIS LINEARIS 'ARTS SEEDLESS'	ART'S SEEDLESS DESERT WILLOW	24"BOX	LOW	4
	HETEROMELES ARBUTIFOLIA	TOYON	24"BOX	LOW	1
	PARKINSONIA X 'DESERT MUSEUM'	DESERT MUSEUM PALO VERDE	15 GAL	VERY LOW	7
	PINUS CANARIENSIS	CANARY ISLAND PINE	48"BOX	VERY LOW	1
	SAMBUCUS MEXICANA	MEXICAN ELDERBERRY	24"BOX	LOW	2

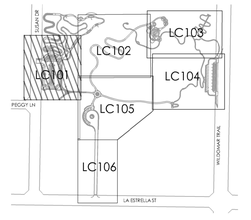
SHRUBS	BOTANICAL NAME	COMMON NAME	CONT	WUCOLS	QTY
	AGAVE PARRYI TRUNCATA	ARTICHOKE PARRY'S AGAVE	5 GAL	LOW	10
	CALLIANDRA X 'LIANCA' TM	SIERRA STARR FAIRY DUSTER	5 GAL	LOW	19
	COREOPSIS VERTICILLATA 'MOONBEAM'	MOONBEAM TICKSEED	5 GAL	LOW	20
	DUDLEYA BRITTONII	GIANT CHALK DUDLEYA	5 GAL	LOW	6
	MUHLENBERGIA DUBIA	PINE MUHLY	5 GAL	LOW	527
	SALVIA APIANA COMPACTA	COMPACT WHITE SAGE	5 GAL	VERY LOW	6
	TAGETES LEMMONII	COPPER CANYON DAISY	5 GAL	LOW	11
	VERBENA LILACINA 'DE LA MAR'	DE LA MAR LILAC VERBENA	5 GAL	LOW	18

SHRUB AREAS	BOTANICAL NAME	COMMON NAME	QTY
	HABITAT RESTORATION AREA		1,379 SF

GROUND COVERS	BOTANICAL NAME	COMMON NAME	CONT	WUCOLS	QTY
	BACCHARIS PILULARIS 'PIGEON POINT'	PIGEON POINT COYOTE BRUSH	5 GAL	LOW	38
	BOUTELOUA GRACILIS 'BLONDE AMBITION'	BLONDE AMBITION BLUE GRAMA	1 GALLON	LOW	668 SF
	IVA HAYESIANA	SAN DIEGO POVERTY WEED	FLAT	LOW	1,044 SF
	SALVIA X 'BEE'S BLISS'	BEE'S BLISS SAGE	FLAT	LOW	18
	SANTOLINA CHAMAECYPARISSUS	LAVENDER COTTON	1 GALLON	LOW	169

SEE SHEET LP-100 FOR FULL PLANT SCHEDULE

SITE KEY MAP



*Hatched area represents current sheet.

NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York. Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED LANDSCAPE ARCHITECT
LINDA KLEMASKE No. 6345
Expiration 3/31/23
Renewal Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
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THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
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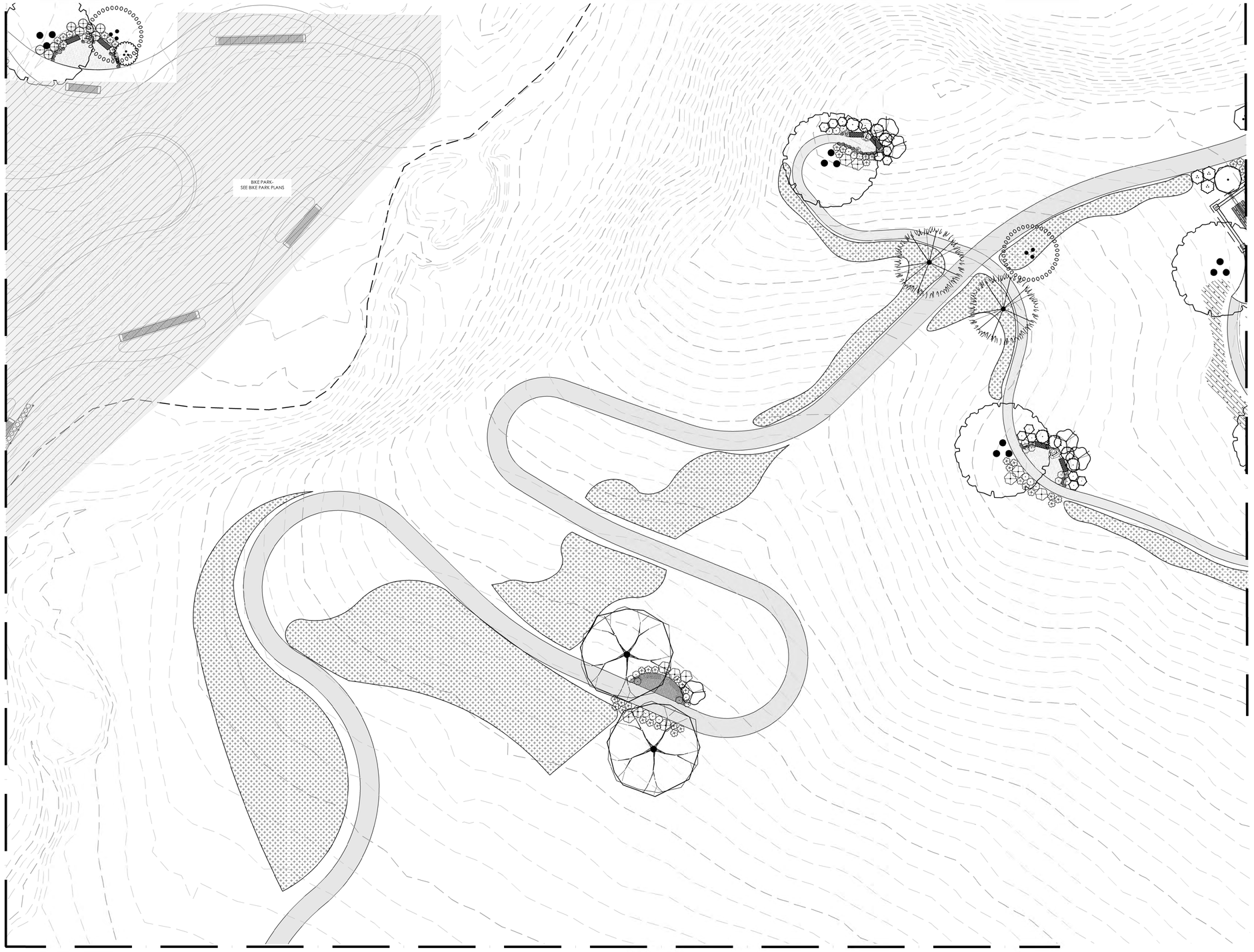
SCALE:
H: As Noted V: As Ncted

CITY OF WILDOMAR
27 ACRE PARK
PLANTING PLAN

SHEET No.
LP-101
#

N:\1000\1364-01-RC17-27-Acre-Park\Planning\G.01.75% Construction Drawings\AUTOCAD\PP-1064-01.dwg, LP-101, Jun 06, 2022 9:48pm, aeselbel



MATCHLINE - SEE SHEET LC101 FOR CONTINUATION

MATCHLINE - SEE SHEET LP103 FOR CONTINUATION

MATCHLINE - SEE SHEET LP105 FOR CONTINUATION

PLANT SCHEDULE 2

TREES	BOTANICAL NAME	COMMON NAME
	ARCTOSTAPHYLOS DENSIFLORA 'HOWARD MCMINN'	HOWARD MCMINN VINE HILL MANZANITA
	CERCIS OCCIDENTALIS	WESTERN REDBUD MULTI-TRUNK
	PINUS CANARIENSIS	CANARY ISLAND PINE
	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE
	QUERCUS AGRIFOLIA	COAST LIVE OAK
	SAMBUCUS MEXICANA	MEXICAN ELDERBERRY

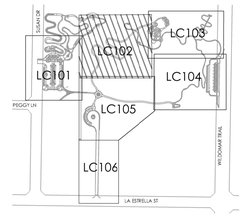
SHRUBS	BOTANICAL NAME	COMMON NAME
	ARTEMISIA CALIFORNICA 'CANYON GREY'	CANYON GREY CALIFORNIA SAGEBRUSH
	ARTEMISIA X 'POWIS CASTLE'	POWIS CASTLE ARTEMISIA
	COREOPSIS VERTICILLATA 'MOONBEAM'	MOONBEAM TICKSEED
	DUDLEYA BRITTONII	GIANT CHALK DUDLEYA
	ENCELIA FARINOSA	BRITTLE BUSH
	ROMNEYA COULTERI 'WHITE CLOUD'	WHITE CLOUD MATILIJA POPPY
	SALVIA APIANA COMPACTA	COMPACT WHITE SAGE
	SALVIA SPATHACEA	HUMMINGBIRD SAGE
	TAGETES LEMMONII	COPPER CANYON DAISY
	ZAUSCHNERIA CALIFORNICA 'EVERETT'S CHOICE'	EVERETTS CHOICE CALIFORNIA FUCHSIA

SHRUB AREAS	BOTANICAL NAME	COMMON NAME
	HABITAT RESTORATION AREA	

GROUND COVERS	BOTANICAL NAME	COMMON NAME
	BACCHARIS PILULARIS 'PIGEON POINT'	PIGEON POINT COYOTE BRUSH
	BOUTELOUA GRACILIS 'BLONDE AMBITION'	BLONDE AMBITION BLUE GRAMA
	FESTUCA ARUNDINACEA 'MARATHON II'	MARATHON II FESCUE

SEE SHEET LP-100 FOR FULL PLANT SCHEDULE

SITE KEY MAP



*Hatched area represents current sheet.

NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.

The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the design hereon. In the event of discrepancies arising after City acceptance or during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for acceptance by the City.

MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

REGISTERED LANDSCAPE ARCHITECT
TA-CHUAN KLEMASKE No. 6354
Signature
3/31/23
Renewal Date
Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
PLANTING PLAN

SHEET No.
LP-102
#

N:\1000\1064-01-RC17-27-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\PP-1064-01.dwg, LP-102, Jun 06, 2022 9:49pm, aeseibel

MATCHLINE - SEE SHEET LP102 FOR CONTINUATION

MATCHLINE - SEE SHEET LP104 FOR CONTINUATION

PLANT SCHEDULE 3

TREES	BOTANICAL NAME	COMMON NAME
	ARCTOSTAPHYLOS DENSIFLORA 'HOWARD MCMINN'	HOWARD MCMINN VINE HILL MANZANITA
	CERCIS OCCIDENTALIS	WESTERN REDBUD MULTI-TRUNK
	HETEROMELES ARBUTIFOLIA	TOYON
	PARKINSONIA X 'DESERT MUSEUM'	DESERT MUSEUM PALO VERDE
	PINUS CANARIENSIS	CANARY ISLAND PINE
	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE
	SAMBUCUS MEXICANA	MEXICAN ELDERBERRY

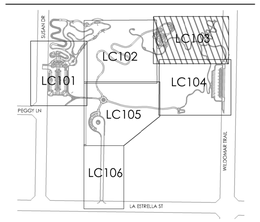
SHRUBS	BOTANICAL NAME	COMMON NAME
	AGAVE PARRYI TRUNCATA	ARTICHOKE PARRY'S AGAVE
	CALLIANDRA X 'LIANCA' TM	SIERRA STARR FAIRY DUSTER
	DUDLEYA BRITTONII	GIANT CHALK DUDLEYA
	HESPERALOE PARVIFLORA 'PERPA' TM	BRAKELIGHTS RED YUCCA
	MUHLENBERGIA DUBIA	PINE MUHLY
	PEROVSKIA ATRIPLICIFOLIA 'LITTLE SPIRE'	LITTLE SPIRE RUSSIAN SAGE
	ROMNEYA COULTERI 'WHITE CLOUD'	WHITE CLOUD MATILIJA POPPY
	SALVIA APIANA COMPACTA	COMPACT WHITE SAGE
	SALVIA SPATHACEA	HUMMINGBIRD SAGE
	SPHAERALCEA AMBIGUA 'LOUIS HAMILTON' TM	LOUIS HAMILTON GLOBEMALLOW
	VERBENA LILACINA 'DE LA MAR'	DE LA MAR LILAC VERBENA
	ZAUSCHNERIA CALIFORNICA 'EVERETT'S CHOICE'	EVERETT'S CHOICE CALIFORNIA FUCHSIA

SHRUB AREAS	BOTANICAL NAME	COMMON NAME
	HABITAT RESTORATION AREA	

GROUND COVERS	BOTANICAL NAME	COMMON NAME
	BACCHARIS PILULARIS 'PIGEON POINT'	PIGEON POINT COYOTE BRUSH
	BOUTELOUA GRACILIS 'BLONDE AMBITION'	BLONDE AMBITION BLUE GRAMA
	FESTUCA ARUNDINACEA 'MARATHON II'	MARATHON II FESCUE
	SANTOLINA CHAMAECYPARISSUS	LAVENDER COTTON

SEE SHEET LP-100 FOR FULL PLANT SCHEDULE

SITE KEY MAP



*Hatched area represents current sheet.

NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
AMANDA KLEMASHE No. 6304 LICENSED LANDSCAPE ARCHITECT STATE OF CALIFORNIA
Revision 3/31/23 Renewal Date
Date

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
PLANTING PLAN

SHEET No.
LP-103
#

MATCHLINE - SEE SHEET LP103 FOR CONTINUATION

MATCHLINE - SEE SHEET LP105 FOR CONTINUATION

WILDOMAR TRAILS *(EXISTING DIRT ROAD)*

PLANT SCHEDULE 4

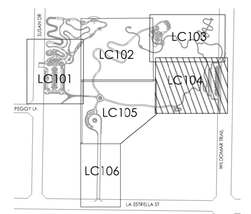
TREES	BOTANICAL NAME	COMMON NAME
	ARCTOSTAPHYLOS DENSIFLORA 'HOWARD MCMINN'	HOWARD MCMINN VINE HILL MANZANITA
	CERCIS OCCIDENTALIS	WESTERN REDBUD MULTI-TRUNK
	PINUS CANARIENSIS	CANARY ISLAND PINE
	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE
	SALIX LASIOLEPIS	ARROYO WILLOW
	SAMBUCUS MEXICANA	MEXICAN ELDERBERRY

SHRUBS	BOTANICAL NAME	COMMON NAME
	AGAVE PARRYI TRUNCATA	ARTICHOKE PARRY'S AGAVE
	CALLIANDRA X 'LIANCA' TM	SIERRA STARR FAIRY DUSTER
	CAREX PRAEGRACILIS	CALIFORNIA FIELD SEDGE
	CYLINDROPUNTIA CALIFORNICA PARKERI	CANE CHOLLA
	ENCELIA FARINOSA	BRITTLE BUSH
	JUNCUS PATENS 'CARMAN'S GREY'	SPREADING RUSH
	LEYMUS CONDENSATUS 'CANYON PRINCE'	CANYON PRNCE GIANT WILD RYE
	OPUNTIA BASILARIS	BEAVERTAIL PRICKLYPEAR
	PEROVSKIA ATRIPLICIFOLIA 'LITTLE SPIRE'	LITTLE SPIRE RUSSIAN SAGE
	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC
	SALVIA APIANA COMPACTA	COMPACT WHITE SAGE
	SALVIA SPATHACEA	HUMMINGBIRD SAGE
	SPHAERALCEA AMBIGUA 'LOUIS HAMILTON' TM	LOUIS HAMILTON GLOBEMALLOW
	TAGETES LEMMONII	COPPER CANYON DAISY
	ZAUSCHNERIA CALIFORNICA 'EVERETT'S CHOICE'	EVERETT'S CHOICE CALIFORNIA FUCHSIA

SHRUB AREAS	BOTANICAL NAME	COMMON NAME
	HABITAT RESTORATON AREA	

SEE SHEET LP-100 FOR FULL PLANT SCHEDULE

SITE KEY MAP



*Hatched area represents current sheet.

NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

REGISTERED LANDSCAPE ARCHITECT
AMANDA ALEMASKE No. 6342
Signature
3/31/23
Renewal Date
Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
PLANTING PLAN

SHEET No.
LP-104
#

MATCHLINE - SEE SHEET LP102 FOR CONTINUATION

MATCHLINE - SEE SHEET LP101 FOR CONTINUATION

MATCHLINE - SEE SHEET LP104 FOR CONTINUATION

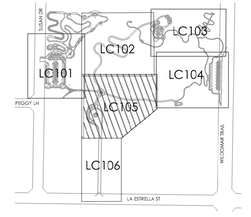
MATCHLINE - SEE SHEET LC106 FOR CONTINUATION

PLANT SCHEDULE 5

TREES	BOTANICAL NAME	COMMON NAME
	ARCTOSTAPHYLOS DENSIFLORA 'HOWARD MCMINN'	HOWARD MCMINN VINE HILL MANZANITA
	PINUS CANARIENSIS	CANARY ISLAND PINE
	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE
	SAMBUCUS MEXICANA	MEXICAN ELDERBERRY
SHRUBS	**BOTANICAL NAME**	**COMMON NAME**
	AGAVE PARRYI TRUNCATA	ARTICHOKE PARRYS AGAVE
	COREOPSIS VERTICILLATA 'MOONBEAM'	MOONBEAM TICKSEED
	CYLINDROPUNTIA CALIFORNICA PARKERI	CANE CHOLLA
	DUDLEYA BRITTONII	GIANT CHALK DUDLEYA
	ENCELIA FARINOSA	BRITTLE BUSH
	HESPEROYUCCA WHIPPLEI	CHAPARRAL YUCCA
	MUHLENBERGIA DUBIA	PINE MUHLY
	OPUNTIA BASILARIS	BEAVERTAIL PRICKLYPEAR
	PENSTEMON EATONII	FIRECRACKER PENSTEMON
	ROMNEYA COULTERI 'WHITE CLOUD'	WHITE CLOUD MATILIJA POPPY
	TAGETES LEMMONII	COPPER CANYON DAISY
	VERBENA LILACINA 'DE LA MAR'	DE LA MAR LILAC VERBENA
GROUND COVERS	**BOTANICAL NAME**	**COMMON NAME**
	BOUTELOUA GRACILIS 'BLONDE AMBITION'	BLONDE AMBITION BLUE GRAMA
	SALVIA X 'BEE'S BLISS'	BEE'S BLISS SAGE

SEE SHEET LP-100 FOR FULL PLANT SCHEDULE

SITE KEY MAP



*Hatched area represents current sheet.

NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER — CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

REGISTERED LANDSCAPE ARCHITECT
AMANDA ALEMASEE No. 6242
Signature
3/31/23
Renewal Date
Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
PLANTING PLAN

SHEET No.
LP-105
#

N:\1000\1064-01-RC17-27-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\PP-1064-01.dwg, LP-105, Jun 06, 2022 9:58pm, aeselbel

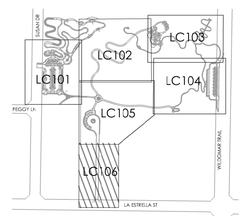
MATCHLINE - SEE SHEET LC105 FOR CONTINUATION

PLANT SCHEDULE 6

TREES	BOTANICAL NAME	COMMON NAME
	QUERCUS AGRIFOLIA	COAST LIVE OAK
SHRUBS	**BOTANICAL NAME**	**COMMON NAME**
	TAGETES LEMMONII	COPPER CANYON DAISY
GROUND COVERS	**BOTANICAL NAME**	**COMMON NAME**
	BOUTELOUA GRACILIS 'BLONDE AMBITION'	BLONDE AMBITION BLUE GRAMA
	IVA HAYESIANA	SAN DIEGO POVERTY WEED

SEE SHEET LP-100 FOR FULL PLANT SCHEDULE

SITE KEY MAP



*Hatched area represents current sheet.

NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/
City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED LANDSCAPE ARCHITECT
LINDA KLEMASKE No. 6901
Signature
3/31/23
Renewal Date
Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistraro #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

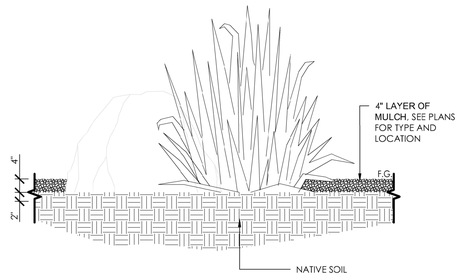
BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

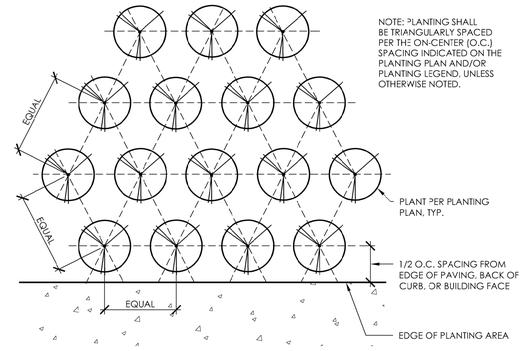
CITY OF WILDOMAR
27 ACRE PARK
PLANTING PLAN

SHEET No.
LP-106
#



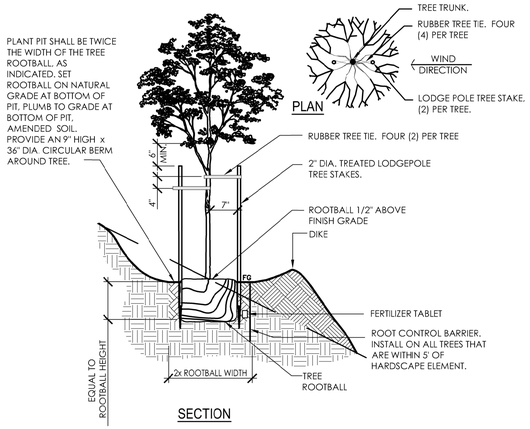
F MULCH

3/4" = 1'-0" RRM-2-ACR-ACRE-31



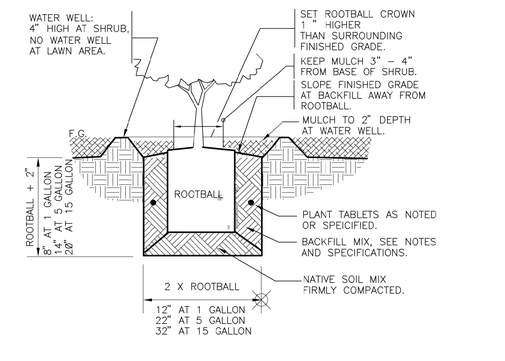
C SHRUB + GROUNDCOVER SPACING

1 1/2" = 1'-0" RRM-2-ACR-ACRE-91



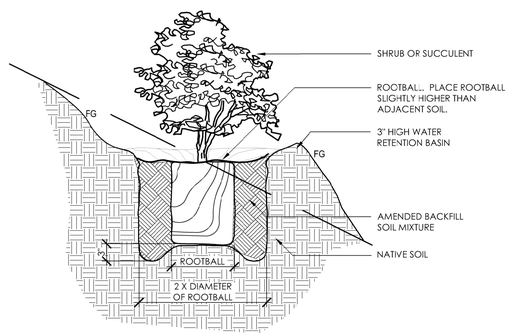
E TREE PLANTING ON SLOPE

1/2" = 1'-0" RRM-2-ACR-ACRE-29



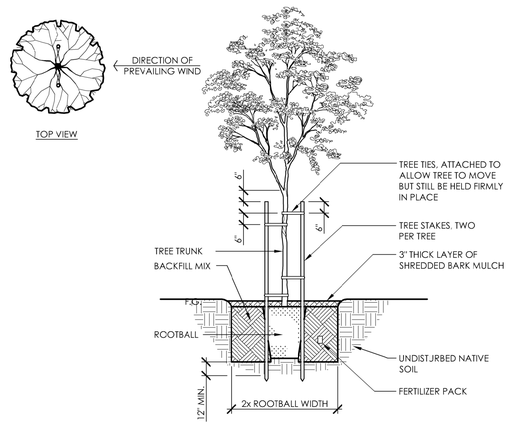
B SHRUB PLANTING

1" = 1'-0" RRM-2-ACR-ACRE-36



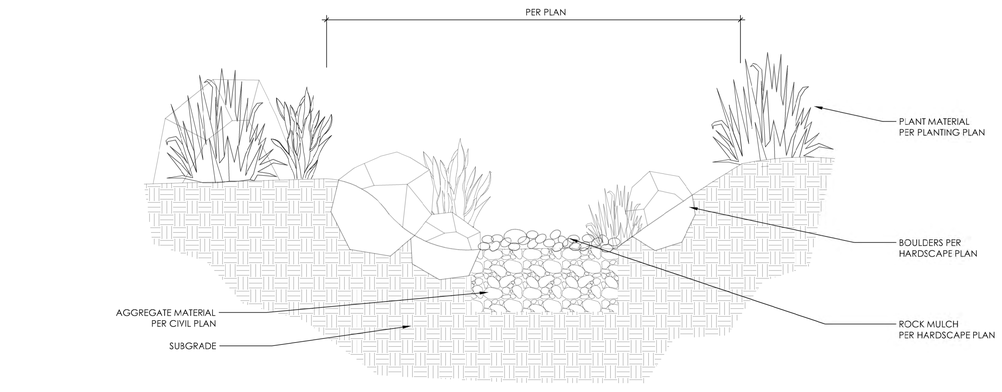
D SHRUB AND SUCCULENT PLANTING ON SLOPE

1" = 1'-0" RRM-2-ACR-ACRE-26



A TREE PLANTING

1/2" = 1'-0" RRM-2-ACR-ACRE-32



G TYPICAL SECTION AT BIORETENSION BASIN

1/2" = 1'-0" RRM-2-ACR-ACRE-30

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistraro #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
PLANTING DETAILS

SHEET No.
LP-500
#

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	ARC	PSI	GPM	RADIUS	DETAIL
	HUNTER MP CORNER PROS-12-PRS40-CV	ADJ	40		13'	
	HUNTER MP STRIP PROS-12-PRS40-CV	SST	40	0.44	5'x30'	
	HUNTER MP1000 PROS-12-PRS40-CV	210-270	40		14'	
	HUNTER MP1000 PROS-12-PRS40-CV	90-210	40		14'	
	HUNTER MP2000 PROS-12-PRS40-CV	90-210	40		19'	
	HUNTER MP3000 PROS-12-PRS40-CV	90-210	40		30'	
	HUNTER MP3000 PROS-12-PRS40-CV	210-270	40		30'	
	RAIN BIRD RWS-B-C W/ RWS-SOCK 1401	360	30	0.25	3'	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM	RADIUS	DETAIL
	HUNTER I-20-00-MPR SHRUB ROTOR, FIXED, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. MPR NOZZLE.	45		25'	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
	RAIN BIRD XCZF-100-PRF MEDIUM FLOW DRIP CONTROL KIT. 1" DV VALVE WITH 1" PRESSURE REGULATING FILTER AT , AND MDCF FITTING. 3 GPM-15 GPM.	
	PIPE TRANSITION POINT ABOVE GRADE PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER TO ABOVE GRADE INSTALLATION.	
	AREA TO RECEIVE DRIP EMITTERS RAIN BIRD XB-PC SINGLE OUTLET, PRESSURE COMPENSATING DRIP EMITTERS. FLOW RATES OF 0.5 GPH=BLUE, 1.0 GPH=BLACK, AND 2.0 GPH=RED. COMES WITH A SELF-PIERCING BARB INLET X BARB OUTLET. 0.5 GPH emitters (2 assigned to each 5 gal plant) 0.5 GPH emitters (2 assigned to each 1 gallon plant) 0.5 GPH emitters (4 assigned to each flat plant)	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
	HUNTER ICV-G-BSP-DC 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION.	
	MATCO-NORCA 759 BRASS SHUT OFF BALL VALVE, 1/2" TO 4", TWO PIECE BODY, BLOW-OUT PROOF STEM, CHROME PLATED SOLID BRASS BALL, THREADED, WITH PTFE SEATS. SAME SIZE AS MAINLINE PIPE.	
	NIBCO T-113 CLASS 125 BRONZE GATE SHUT OFF VALVE WITH WHEEL HANDLE, SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. SIZE RANGE - 1/4" - 3"	
MV	BUCKNER-SUPERIOR 3000 1" NORMALLY CLOSED BRASS MASTER VALVE THAT PROVIDES DIRTY WATER PROTECTION AND 3-WAY SOLENOID DESIGN. AVAILABLE IN 1", 1-1/4", 1-1/2", 2", 2-1/2" AND 3" SIZES.	
BF	FEBCO 825Y-LF 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER	
C	HUNTER PHC-2400 WI-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN, 24-STATION FIXED CONTROLLER, 120 VAC, OUTDOOR MODEL.	
FS	CREATIVE SENSOR TECHNOLOGY FSI-T10-001 1" (25MM) PVC TEE TYPE FLOW SENSOR W/SOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ALL IRRIGATION CONTROLLERS. FLOW RANGE: .86-52 GPM.	
M	WATER METER 2"	

IRRIGATION LATERAL LINE: PVC SCHEDULE 40

IRRIGATION MAINLINE: PVC SCHEDULE 40

Valve Callout
- # — Valve Number
- # — Valve Flow
- #" — Valve Size

CRITICAL ANALYSIS

Generated:	2022-05-05 17:01
P.O.C. NUMBER: 01	
Water Source Information:	
FLOW AVAILABLE	
Water Meter Size:	3"
Flow Available	225 GPM
PRESSURE AVAILABLE	
Static Pressure at POC:	120.00 PSI
Elevation Change:	75.00 ft
Service Line Size:	5"
Length of Service Line:	20 ft
Pressure Available:	87.00 psi
DESIGN ANALYSIS	
Maximum Multi-valve Flow:	77.18 GPM
Flow Available at POC:	225 GPM
Residual Flow Available:	147.82 GPM
Critical Station:	00
Design Pressure:	Unknown
Friction Loss:	Unknown
Fittings Loss:	Unknown
Elevation Loss:	0 PSI
Loss through Valve:	Unknown
Pressure Req. at Critical Station:	62.0 PSI
Loss for Fittings:	0.08 PSI
Loss for Main Line:	0.83 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	12.53 PSI
Loss for Master Valve:	10 PSI
Loss for Water Meter:	1.52 PSI
Critical Station Pressure at POC:	86.96 PSI
Pressure Available:	87 PSI
Residual Pressure Available:	0.04 PSI

rrm design group

NOTE:
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LA ESTRELLA STREET

MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER | CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
TIMOTHY KARNOSKE, No. 6841, LANDSCAPE ARCHITECT, STATE OF CALIFORNIA
Signature 5/31/23 Renewal Date
Date

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

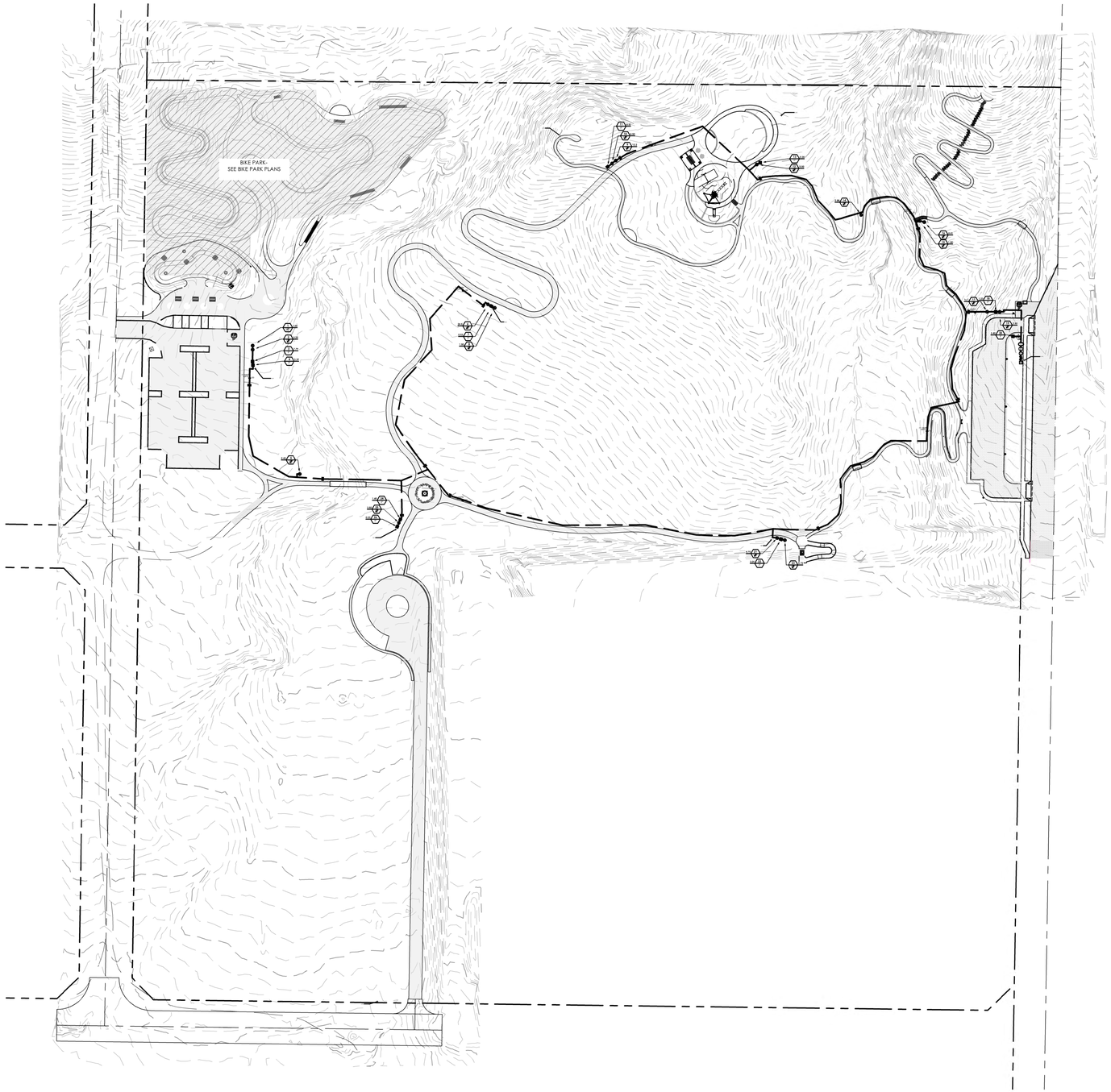
BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
LANDSCAPE IRRIGATION NOTES

SHEET No.
L1-001
#



IRRIGATION SCHEDULE

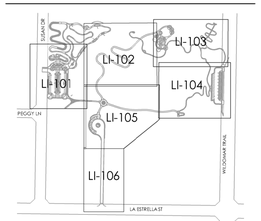
SYMBOL	MANUFACTURER/MODEL	ARC	PSI	GPM	RADIUS	DETAIL
	HUNTER MP CORNER PROS-12-PRS40-CV	ADJ	40		13'	
	HUNTER MP STRIP PROS-12-PRS40-CV	SST	40	0.44	5'x30'	
	HUNTER MP1000 PROS-12-PRS40-CV	210-270	40		14'	
	HUNTER MP1000 PROS-12-PRS40-CV	90-210	40		14'	
	HUNTER MP2000 PROS-12-PRS40-CV	90-210	40		19'	
	HUNTER MP3000 PROS-12-PRS40-CV	90-210	40		30'	
	HUNTER MP3000 PROS-12-PRS40-CV	210-270	40		30'	
	RAIN BIRD RWS-B-C W/ RWS-SOCK 1401	360	30	0.25	3'	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM	RADIUS	DETAIL
	HUNTER I-20-00-MPR SHRUB ROTOR, FIXED, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. MPR NOZZLE.	45		25'	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
	RAIN BIRD XCZF-100-PRF MEDIUM FLOW DRIP CONTROL KIT. 1" DV VALVE WITH 1" PRESSURE REGULATING FILTER AT , AND MDCF FITTING. 3 GPM-15 GPM.	
	PIPE TRANSITION POINT ABOVE GRADE PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER TO ABOVE GRADE INSTALLATION.	
	AREA TO RECEIVE DRIP EMITTERS RAIN BIRD XB-PC SINGLE OUTLET, PRESSURE COMPENSATING DRIP EMITTERS. FLOW RATES OF 0.5 GPH=BLUE, 1.0 GPH=BLACK, AND 2.0 GPH=RED. COMES WITH A SELF-PIERCING BARB INLET X BARB OUTLET. 0.5 GPH emitters (2 assigned to each 5 gal plant) 0.5 GPH emitters (2 assigned to each 1 gallon plant) 0.5 GPH emitters (4 assigned to each flat plant)	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
	HUNTER ICV-G-BSP-DC 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE, WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION.	
	MATCO-NORCA 759 BRASS SHUT OFF BALL VALVE, 1/2" TO 4", TWO PIECE BODY, BLOW-OUT PROOF STEM, CHROME PLATED SOLID BRASS BALL, THREADED, WITH PTFE SEATS. SAME SIZE AS MAINLINE PIPE. NIBCO T-113	

SITE KEY MAP



*Hatched area represents current sheet.

MAINLINE LAYOUT

NORTH

0 80 160' 240' feet

1" = 80'

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
CHRISTINA LEMASKE No. 6874 REGISTERED LANDSCAPE ARCHITECT
Signature 3/31/23 Renewal Date
Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY:

R.C.E. No. EXP.

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
IRRIGATION MAINLINE LAYOUT

SHEET No.
LI-002
#

N:\11000\1364-01-RC17-27-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\LP-1064-01.dwg, LP-002, Jun 06, 2022 10:33pm, oeselbel

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	ARC	PSI	GPM	RADIUS	DETAIL
	HUNTER MP CORNER PROS-12-PRS40-CV	ADJ	40		13'	
	HUNTER MP STRIP PROS-12-PRS40-CV	SST	40	0.44	5'x30'	
	HUNTER MP1000 PROS-12-PRS40-CV	210-270	40		14'	
	HUNTER MP1000 PROS-12-PRS40-CV	90-210	40		14'	
	HUNTER MP2000 PROS-12-PRS40-CV	90-210	40		19'	
	HUNTER MP3000 PROS-12-PRS40-CV	90-210	40		30'	
	HUNTER MP3000 PROS-12-PRS40-CV	210-270	40		30'	
	RAIN BIRD RWS-B-C W/ RWS-SOCK 1401	360	30	0.25	3'	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM	RADIUS	DETAIL
	HUNTER I-20-00-MPR SHRUB ROTOR, FIXED, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. MPR NOZZLE.	45		25'	

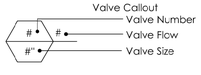
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
	RAIN BIRD XCZF-100-PRF MEDIUM FLOW DRIP CONTROL KIT. 1" DV VALVE WITH 1" PRESSURE REGULATING FILTER AT , AND MDCF FITTING. 3 GPM-15 GPM.	
	PIPE TRANSITION POINT ABOVE GRADE PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER TO ABOVE GRADE INSTALLATION.	
	AREA TO RECEIVE DRIP EMITTERS RAIN BIRD XB-PC SINGLE OUTLET, PRESSURE COMPENSATING DRIP EMITTERS. FLOW RATES OF 0.5 GPH=BLUE, 1.0 GPH=BLACK, AND 2.0 GPH=RED. COMES WITH A SELF-PIERCING BARB INLET X BARB OUTLET. 0.5 GPH emitters (2 assigned to each 5 gal plant) 0.5 GPH emitters (2 assigned to each 1 gallon plant) 0.5 GPH emitters (4 assigned to each flat plant)	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
	HUNTER ICV-G-BSP-DC 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION.	
	MATCO-NORCA 759 BRASS SHUT OFF BALL VALVE, 1/2" TO 4", TWO PIECE BODY, BLOW-OUT PROOF STEM, CHROME PLATED SOLID BRASS BALL, THREADED, WITH PTFE SEATS. SAME SIZE AS MAINLINE PIPE.	
	NIBCO T-113 CLASS 125 BRONZE GATE SHUT OFF VALVE WITH WHEEL HANDLE, SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. SIZE RANGE - 1/4" - 3"	
MV	BUCKNER-SUPERIOR 3000 1" NORMALLY CLOSED BRASS MASTER VALVE THAT PROVIDES DIRTY WATER PROTECTION AND 3-WAY SOLENOID DESIGN. AVAILABLE IN 1", 1-1/4", 1-1/2", 2", 2-1/2" AND 3" SIZES.	
BF	FEBCO 825Y-LF 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER	
C	HUNTER PHC-2400 WI-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN, 24-STATION FIXED CONTROLLER, 120 VAC, OUTDOOR MODEL.	
FS	CREATIVE SENSOR TECHNOLOGY FSI-T10-001 1" (25MM) PVC TEE TYPE FLOW SENSOR W/SOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ALL IRRIGATION CONTROLLERS. FLOW RANGE: .86-52 GPM.	
M	WATER METER 2"	

IRRIGATION LATERAL LINE: PVC SCHEDULE 40

IRRIGATION MAINLINE: PVC SCHEDULE 40

Valve Callout



CRITICAL ANALYSIS

Generated:	2022-05-05 17:01
P.O.C. NUMBER: 01	
Water Source Information:	
FLOW AVAILABLE	
Water Meter Size:	3"
Flow Available	225 GPM
PRESSURE AVAILABLE	
Static Pressure at POC:	120.00 PSI
Elevation Change:	75.00 ft
Service Line Size:	5"
Length of Service Line:	20 ft
Pressure Available:	87.00 psi
DESIGN ANALYSIS	
Maximum Multi-valve Flow:	77.18 GPM
Flow Available at POC:	225 GPM
Residual Flow Available:	147.82 GPM
Critical Station:	00
Design Pressure:	Unknown
Friction Loss:	Unknown
Fittings Loss:	Unknown
Elevation Loss:	0 PSI
Loss through Valve:	Unknown
Pressure Req. at Critical Station:	62.0 PSI
Loss for Fittings:	0.08 PSI
Loss for Main Line:	0.83 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	12.53 PSI
Loss for Master Valve:	10 PSI
Loss for Water Meter:	1.52 PSI
Critical Station Pressure at POC:	86.96 PSI
Pressure Available:	87 PSI
Residual Pressure Available:	0.04 PSI

rrm design group

NOTE:
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LA ESTRELLA STREET

MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER | CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

COURTNEY KAMINSKA KLEMASKE No 6841 LANDSCAPE ARCHITECT STATE OF CALIFORNIA
Signature 5/31/23 Renewal Date
Date

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

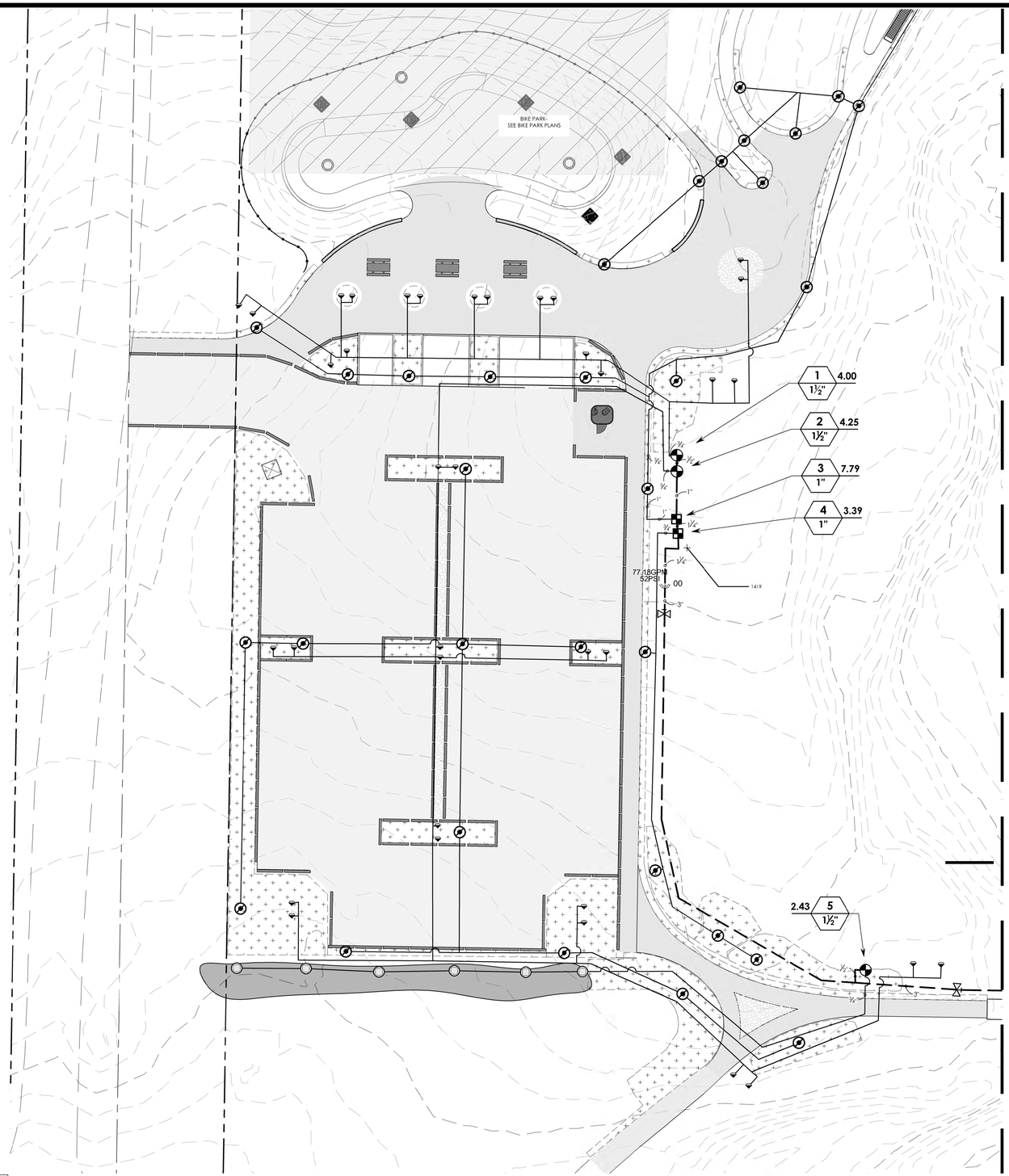
BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
LANDSCAPE IRRIGATION NOTES

SHEET No.
L1-100
#



MATCHLINE - SEE SHEET LI102 FOR CONTINUATION

MATCHLINE - SEE SHEET LI105 FOR CONTINUATION

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	ARC	PSI	GPM	RADIUS	DETAIL
	HUNTER MP CORNER PROS-12-PRS40-CV	ADJ	40		13'	
	HUNTER MP STRIP PROS-12-PRS40-CV	SST	40	0.44	5'x30'	
	HUNTER MP1000 PROS-12-PRS40-CV	210-270	40		14'	
	HUNTER MP1000 PROS-12-PRS40-CV	90-210	40		14'	
	HUNTER MP2000 PROS-12-PRS40-CV	90-210	40		19'	
	HUNTER MP3000 PROS-12-PRS40-CV	90-210	40		30'	
	HUNTER MP3000 PROS-12-PRS40-CV	210-270	40		30'	
	RAIN BIRD RWS-B-C W/ RWS-SOCK 1401	360	30	0.25	3'	

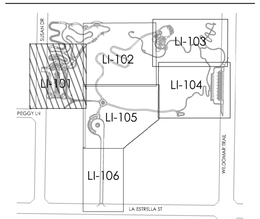
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM	RADIUS	DETAIL
	HUNTER I-20-00-MPR SHRUB ROTOR, FIXED, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. MPR NOZZLE.	45		25'	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
	RAIN BIRD XCZF-100-PRF MEDIUM FLOW DRIP CONTROL KIT, 1" DV VALVE WITH 1" PRESSURE REGULATING FILTER AT , AND MDCF FITTING. 3 GPM-15 GPM.	
	PIPE TRANSITION POINT ABOVE GRADE PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER TO ABOVE GRADE INSTALLATION.	
	AREA TO RECEIVE DRIP EMITTERS RAIN BIRD XB-PC SINGLE OUTLET, PRESSURE COMPENSATING DRIP EMITTERS. FLOW RATES OF 0.5 GPH=BLUE, 1.0 GPH=BLACK, AND 2.0 GPH=RED. COMES WITH A SELF-PIERCING BARB INLET X BARB OUTLET. 0.5 GPH emitters (2 assigned to each 5 gal plant) 0.5 GPH emitters (2 assigned to each 1 gallon plant) 0.5 GPH emitters (4 assigned to each flat plant)	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
	HUNTER ICV-G-BSP-DC 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION.	
	MATCO-NORCA 759 BRASS SHUT OFF BALL VALVE, 1/2" TO 4". TWO PIECE BODY, BLOW-OUT PROOF STEM, CHROME PLATED SOLID BRASS BALL, THREADED, WITH PTFE SEATS. SAME SIZE AS MAINLINE PIPE.	
	NIBCO T-113 CLASS 125 BRONZE GATE SHUT OFF VALVE WITH WHEEL HANDLE, SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. SIZE RANGE - 1/4" - 3"	
MV	BUCKNER-SUPERIOR 3000 1" NORMALLY CLOSED BRASS MASTER VALVE THAT PROVIDES DIRTY WATER PROTECTION AND 3-WAY SOLENOID DESIGN. AVAILABLE IN 1", 1-1/4", 1-1/2", 2", 2-1/2" AND 3" SIZES.	
BF	FEBCO 825Y-LF 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER	
C	HUNTER FHC-2400 WI-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN, 24-STATION FIXED CONTROLLER, 120 VAC, OUTDOOR MODEL.	
FS	CREATIVE SENSOR TECHNOLOGY FSI-T10-001 1" (25MM) PVC TEE TYPE FLOW SENSOR W/SOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ALL IRRIGATION CONTROLLERS. FLOW RANGE: .86-52 GPM.	
M	WATER METER 2"	
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40	
	IRRIGATION MAINLINE: PVC SCHEDULE 40	

Valve Callout
- # + : Valve Number
- # • : Valve Flow
- #" • : Valve Size

SITE KEY MAP



*Hatched area represents current sheet.

NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED LANDSCAPE ARCHITECT
MEGAN KLEMASKE No. 6574
Signature
3/31/23
Renewal Date
Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

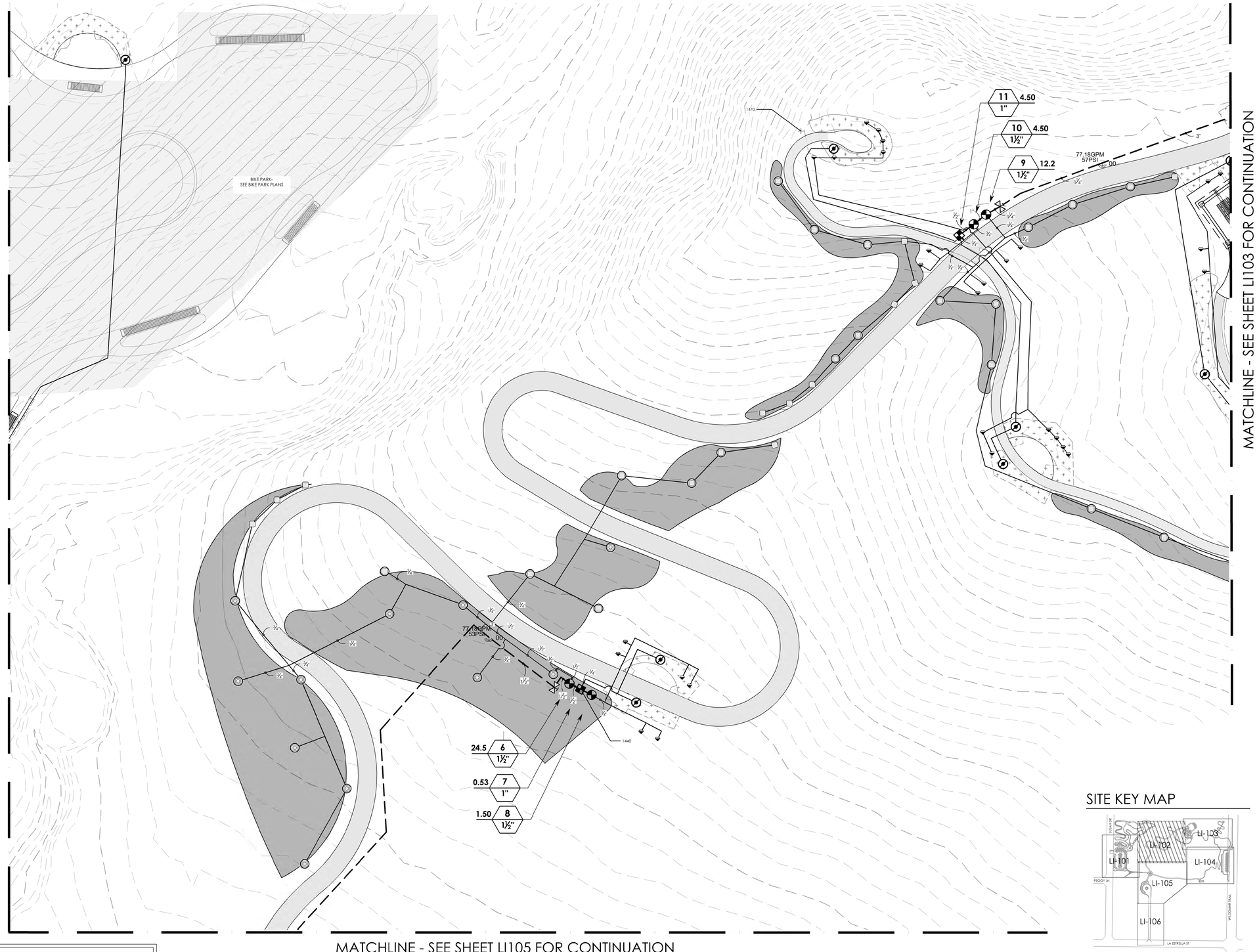
BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Ncted

CITY OF WILDOMAR
27 ACRE PARK
IRRIGATION PLAN

SHEET No.
L1-101
#



MATCHLINE - SEE SHEET LC101 FOR CONTINUATION

MATCHLINE - SEE SHEET LI103 FOR CONTINUATION

MATCHLINE - SEE SHEET LI105 FOR CONTINUATION

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	ARC	PSI
	HUNTER MP CORNER PROS-12-PRS40-CV	ADJ	40
	HUNTER MP STRIP PROS-12-PRS40-CV	SST	40
	HUNTER MP1000 PROS-12-PRS40-CV	210-270	40
	HUNTER MP1000 PROS-12-PRS40-CV	90-210	40
	HUNTER MP2000 PROS-12-PRS40-CV	90-210	40
	HUNTER MP3000 PROS-12-PRS40-CV	90-210	40
	HUNTER MP3000 PROS-12-PRS40-CV	210-270	40
	RAIN BIRD RWS-B-C W/ RWS-SOCK 1401	360	30

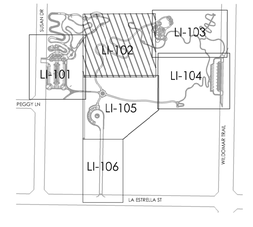
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
	HUNTER I-20-00-MPR SHRUB ROTOR, FIXED, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. MPR NOZZLE.	45

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD XCZF-100-PRF MEDIUM FLOW DRIP CONTROL KIT, 1" DV VALVE WITH 1" PRESSURE REGULATING FILTER AT , AND MDCF FITTING. 3 GPM-15 GPM.
	PIPE TRANSITION POINT ABOVE GRADE PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER TO ABOVE GRADE INSTALLATION.
	AREA TO RECEIVE DRIP EMITTERS RAIN BIRD XB-PC SINGLE OUTLET, PRESSURE COMPENSATING DRIP EMITTERS. FLOW RATES OF 0.5 GPH=BLUE, 1.0 GPH=BLACK, AND 2.0 GPH=RED. COMES WITH A SELF-PIERCING BARB INLET X BARB OUTLET. 0.5 GPH emitters (2 assignec to each 5 gal plant) 0.5 GPH emitters (2 assignec to each 1 gallon plant) 0.5 GPH emitters (4 assignec to each flat plant)

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	HUNTER ICV-G-BSP-DC 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE, WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION.
	MATCO-NORCA 759 BRASS SHUT OFF BALL VALVE, 1/2" TO 4". TWO PIECE BODY, BLOW-OUT PROOF STEM, CHROME PLATED SOLID BRASS BALL, THREADED, WITH PTFE SEATS. SAME SIZE AS MAINLINE PIPE.
	NIBCO T-113 CLASS 125 BRONZE GATE SHUT OFF VALVE WITH WHEEL HANDLE, SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. SIZE RANGE - 1/4" - 3"
XV	BUCKNER-SUPERIOR 3000 1" NORMALLY CLOSED BRASS MASTER VALVE THAT PROVIDES DIRTY WATER PROTECTION AND 3-WAY SOLENOID DESIGN. AVAILABLE IN 1", 1-1/4", 1-1/2", 2", 2-1/2" AND 3" SIZES.
BF	FEBCO 825Y-LF 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER
C	HUNTER PHC-2400 WI-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN, 24-STATION FIXED CONTROLLER, 120 VAC, OUTDOOR MODEL.
FS	CREATIVE SENSOR TECHNOLOGY FSI-T10-001 1" (25MM) PVC TEE TYPE FLOW SENSOR W/SOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ALL IRRIGATION CONTROLLERS. FLOW RANGE: .86-52 GPM.
M	WATER METER 2"
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	IRRIGATION MAINLINE: PVC SCHEDULE 40

Valve Callout
- # — Valve Number
- # — Valve Flow
- #" — Valve Size

SITE KEY MAP



NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.

The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the design hereon. In the event of discrepancies arising after City acceptance or during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for acceptance by the City.

MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED LANDSCAPE ARCHITECT
LA NIDA KLEMASKE No. 5144
Signature
3/31/23
Renewal Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

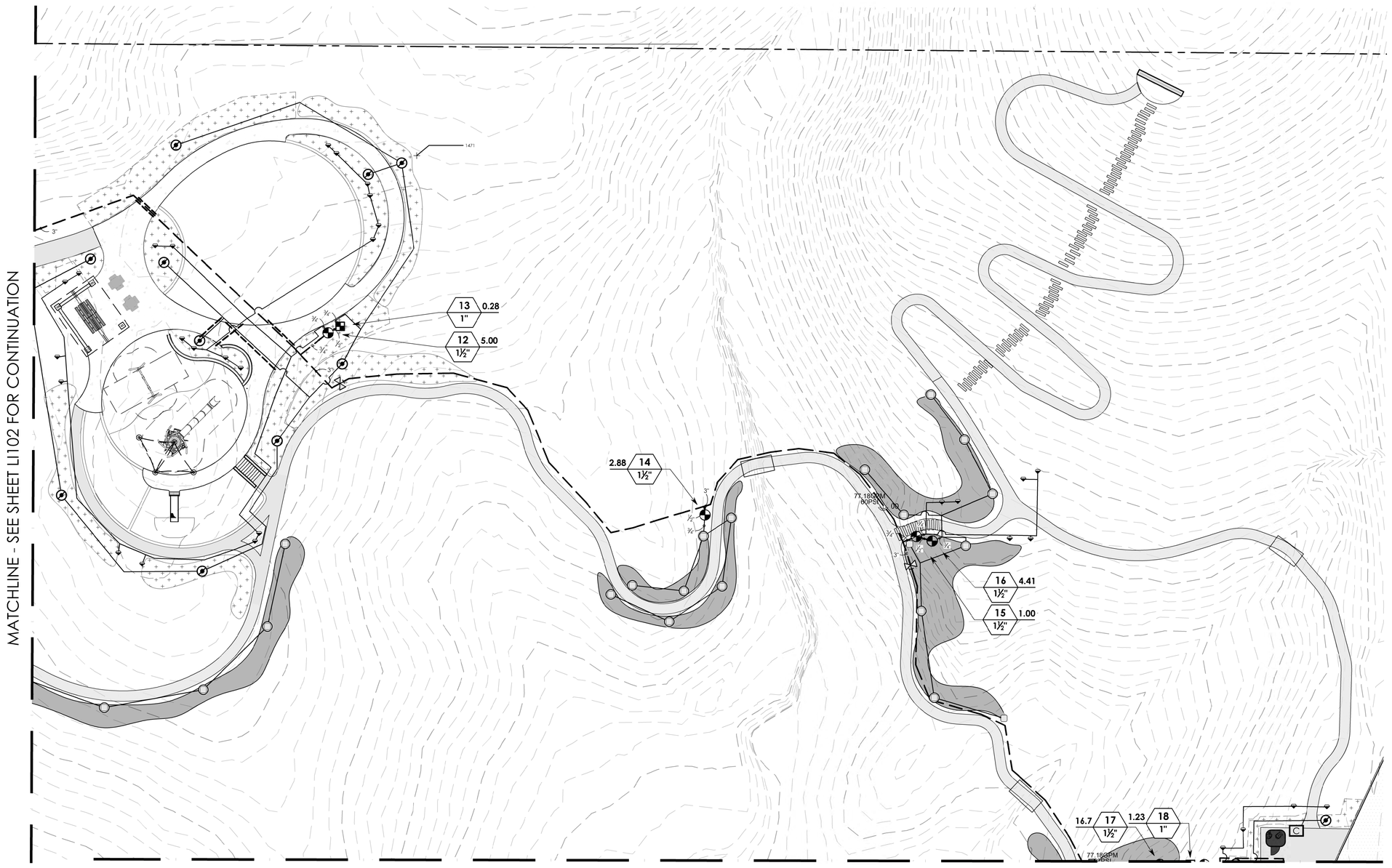
THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
IRRIGATION PLAN

SHEET No.
L1-102
#

N:\1000\1064-01-RC17-27-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\P-1064-01.dwg, LI-102, Jun 06, 2022 10:13pm, aeselbst



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	ARC	PSI
	HUNTER MP CORNER PROS-12-PRS40-CV	ADJ	40
	HUNTER MP STRIP PROS-12-PRS40-CV	SST	40
	HUNTER MP1000 PROS-12-PRS40-CV	210-270	40
	HUNTER MP1000 PROS-12-PRS40-CV	90-210	40
	HUNTER MP2000 PROS-12-PRS40-CV	90-210	40
	HUNTER MP3000 PROS-12-PRS40-CV	90-210	40
	HUNTER MP3000 PROS-12-PRS40-CV	210-270	40
	RAIN BIRD RWS-B-C W/ RWS-SOCK 1401	360	30

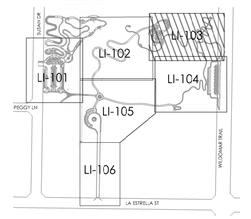
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
	HUNTER I-20-00-MPR SHRUB ROTOR, FIXED, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. MPR NOZZLE.	45

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD XCZF-100-PRF MEDIUM FLOW DRIP CONTROL KIT. 1" DV VALVE WITH 1" PRESSURE REGULATING FILTER AT , AND MDCF FITTING. 3 GPM-15 GPM.
	PIPE TRANSITION POINT ABOVE GRADE PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER TO ABOVE GRADE INSTALLATION.
	AREA TO RECEIVE DRIP EMITTERS RAIN BIRD XB-PC SINGLE OUTLET, PRESSURE COMPENSATING DRIP EMITTERS. FLOW RATES OF 0.5 GPH=BLUE, 1.0 GPH=BLACK, AND 2.0 GPH=RED. COMES WITH A SELF-PIERCING BARB INLET X BARB OUTLET. 0.5 GPH emitters (2 assigned to each 5 gal plant) 0.5 GPH emitters (2 assigned to each 1 gallon plant) 0.5 GPH emitters (4 assigned to each flat plant)

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	HUNTER ICV-G-BSP-DC 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION.
	MATCO-NORCA 759 BRASS SHUT OFF BALL VALVE, 1/2" TO 4". TWO PIECE BODY, BLOW-OUT PROOF STEM, CHROME PLATED SOLID BRASS BALL, THREADED, WITH PTFE SEATS. SAME SIZE AS MAINLINE PIPE.
	NIBCO T-113 CLASS 125 BRONZE GATE SHUT OFF VALVE WITH WHEEL HANDLE. SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. SIZE RANGE - 1/4" - 3"
ATV	BUCKNER-SUPERIOR 3000 1" NORMALLY CLOSED BRASS MASTER VALVE THAT PROVIDES DIRTY WATER PROTECTION AND 3-WAY SOLENOID DESIGN. AVAILABLE IN 1", 1-1/4", 1-1/2", 2", 2-1/2" AND 3" SIZES.
BF	FEBCO 825Y-LF 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER
C	HUNTER PHC-2400 WI-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN, 24-STATION FIXED CONTROLLER, 120 VAC, OUTDOOR MODEL.
FS	CREATIVE SENSOR TECHNOLOGY FSI-T10-001 1" (25MM) PVC TEE TYPE FLOW SENSOR W/SOCKET ENDS. CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ALL IRRIGATION CONTROLLERS. FLOW RANGE: .86-52 GPM.
M	WATER METER 2"
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	IRRIGATION MAINLINE: PVC SCHEDULE 40

Valve Callout
- # — Valve Number
- #' — Valve Flow
- #" — Valve Size

SITE KEY MAP



NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
LICENSED LANDSCAPE ARCHITECT
HANNA MELEMAKE No. 6204
Signature 3/31/23 Renewal Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY:

R.C.E. No. EXP.

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
IRRIGATION PLAN

SHEET No.
LI-103
#

N:\1000\1064-01-RC17-21-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\LP-1064-01.dwg, LI-103, Jun 06, 2022 10:15pm, aeseibel

MATCHLINE - SEE SHEET L103 FOR CONTINUATION

MATCHLINE - SEE SHEET LI105 FOR CONTINUATION

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	ARC	PSI
	HUNTER MP CORNER PROS-12-PRS40-CV	ADJ	40
	HUNTER MP STRIP PROS-12-PRS40-CV	SST	40
	HUNTER MP1000 PROS-12-PRS40-CV	210-270	40
	HUNTER MP1000 PROS-12-PRS40-CV	90-210	40
	HUNTER MP2000 PROS-12-PRS40-CV	90-210	40
	HUNTER MP3000 PROS-12-PRS40-CV	90-210	40
	HUNTER MP3000 PROS-12-PRS40-CV	210-270	40
	RAIN BIRD RWS-B-C W/ RWS-SOCK 1401	360	30

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
	HUNTER I-20-00-MPR SHRUB ROTOR, FIXED, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. MPR NOZZLE.	45

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD XCZF-100-PRF MEDIUM FLOW DRIP CONTROL KIT. 1" DV VALVE WITH 1" PRESSURE REGULATING FILTER AT , AND MDCF FITTING. 3 GPM-15 GPM.
	PIPE TRANSITION POINT ABOVE GRADE PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER TO ABOVE GRADE INSTALLATION.
	AREA TO RECEIVE DRIP EMITTERS RAIN BIRD XB-PC SINGLE OUTLET, PRESSURE COMPENSATING DRIP EMITTERS. FLOW RATES OF 0.5 GPH=BLUE, 1.0 GPH=BLACK, AND 2.0 GPH=RED. COMES WITH A SELF-PIERCING BARB INLET X BARB OUTLET. 0.5 GPH emitters (2 assigned to each 5 gal plant) 0.5 GPH emitters (2 assigned to each 1 gallon plant) 0.5 GPH emitters (4 assigned to each flat plant)

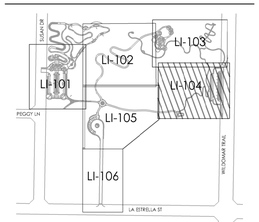
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	HUNTER ICV-G-BSP-DC 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION.
	MATCO-NORCA 759 BRASS SHUT OFF BALL VALVE, 1/2" TO 4", TWO PIECE BODY, BLOW-OUT PROOF STEM, CHROME PLATED SOLID BRASS BALL, THREADED, WITH PTFE SEATS. SAME SIZE AS MAINLINE PIPE.
	NIBCO T-113 CLASS 125 BRONZE GATE SHUT OFF VALVE WITH WHEEL HANDLE, SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. SIZE RANGE - 1/4" - 3"
MV	BUCKNER-SUPERIOR 3000 1" NORMALLY CLOSED BRASS MASTER VALVE THAT PROVIDES DIRTY WATER PROTECTION AND 3-WAY SOLENOID DESIGN. AVAILABLE IN 1", 1-1/4", 1-1/2", 2", 2-1/2" AND 3" SIZES.
BF	FEBCO 825Y-LF 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER
C	HUNTER PHC-2400 WI-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN, 24-STATION FIXED CONTROLLER, 120 VAC, OUTDOOR MODEL.
FS	CREATIVE SENSOR TECHNOLOGY FSI-T10-001 1" (25MM) PVC TEE TYPE FLOW SENSOR W/SOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ALL IRRIGATION CONTROLLERS. FLOW RANGE: .86-52 GPM.
M	WATER METER 2"

IRRIGATICN LATERAL LINE: PVC SCHEDULE 40

IRRIGATICN MAINLINE: PVC SCHEDULE 40

Valve Callout
- Valve Number
- Valve Flow
- Valve Size

SITE KEY MAP



NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

LICENSED LANDSCAPE ARCHITECT HANSA ALEMASKI No. 6284 Signature 3/31/23 Renewal Date Date STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
IRRIGATION PLAN

SHEET No.
LI-104
#

N:\11000\1064-01-RC17-2\-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\IP-1064-01.dwg, LI-104, Jun 06, 2022 10:17pm, aseelbel

MATCHLINE - SEE SHEET LI102 FOR CONTINUATION

MATCHLINE - SEE SHEET LI101 FOR CONTINUATION

MATCHLINE - SEE SHEET LI104 FOR CONTINUATION

MATCHLINE - SEE SHEET LC106 FOR CONTINUATION

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	ARC	PSI
	HUNTER MP CORNER PROS-12-PRS40-CV	ADJ	40
	HUNTER MP STRIP PROS-12-PRS40-CV	SST	40
	HUNTER MP1000 PROS-12-PRS40-CV	210-270	40
	HUNTER MP1000 PROS-12-PRS40-CV	90-210	40
	HUNTER MP2000 PROS-12-PRS40-CV	90-210	40
	HUNTER MP3000 PROS-12-PRS40-CV	90-210	40
	HUNTER MP3000 PROS-12-PRS40-CV	210-270	40
	RAIN BIRD RWS-B-C W/ RWS-SOCK 1401	360	30

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
	HUNTER I-20-00-MPR SHRUB ROTOR, FIXED, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER, DRAIN CHECK VALVE, MPR NOZZLE.	45

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD XCZF-100-PRF MEDIUM FLOW DRIP CONTROL KIT, 1" DV VALVE WITH 1" PRESSURE REGULATING FILTER AT , AND MDCF FITTING. 3 GPM-15 GPM.
	PIPE TRANSITION POINT ABOVE GRADE PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER TO ABOVE GRADE INSTALLATION.
	AREA TO RECEIVE DRIP EMITTERS RAIN BIRD XB-PC SINGLE OUTLET, PRESSURE COMPENSATING DRIP EMITTERS. FLOW RATES OF 0.5 GPH=BLUE, 1.0 GPH=BLACK, AND 2.0 GPH=RED. COMES WITH A SELF-PIERCING BARB INLET X BARB OUTLET. 0.5 GPH emitters (2 assigned to each 5 gal plant) 0.5 GPH emitters (2 assigned to each 1 gallon plant) 0.5 GPH emitters (4 assigned to each flat plant)

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	HUNTER ICV-G-BSP-DC 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE, WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION.
	MATCO-NORCA 759 BRASS SHUT OFF BALL VALVE, 1/2" TO 4". TWO PIECE BODY, BLOW-OUT PROOF STEM, CHROME PLATED SOLID BRASS BALL, THREADED, WITH PTFE SEATS. SAME SIZE AS MAINLINE PIPE.
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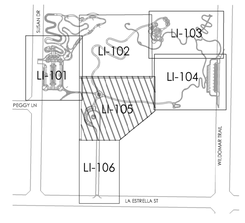
MV	BUCKNER-SUPERIOR 3000 1" NORMALLY CLOSED BRASS MASTER VALVE THAT PROVIDES DIRTY WATER PROTECTION AND 3-WAY SOLENOID DESIGN. AVAILABLE IN 1", 1-1/4", 1-1/2", 2", 2-1/2" AND 3" SIZES.
BF	FEBCO 825Y-LF 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER
C	HUNTER P-HC-2400 WI-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN, 24-STATION FIXED CONTROLLER, 120 VAC, OUTDOOR MODEL.
FS	CREATIVE SENSOR TECHNOLOGY FSI-T10-001 1" (25MM) PVC TEE TYPE FLOW SENSOR W/SOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ALL IRRIGATION CONTROLLERS. FLOW RANGE: .86-52 GPM.
M	WATER METER 2"

IRRIGATION LATERAL LINE: PVC SCHEDULE 40

IRRIGATION MAINLINE: PVC SCHEDULE 40

Valve Callout
- # — Valve Number
- # — Valve Flow
- #" — Valve Size

SITE KEY MAP



NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.

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MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER — CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED LANDSCAPE ARCHITECT
AMANDA ALEMAYEHU No. 6247
Signature
3/31/23
Renewal Date
Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

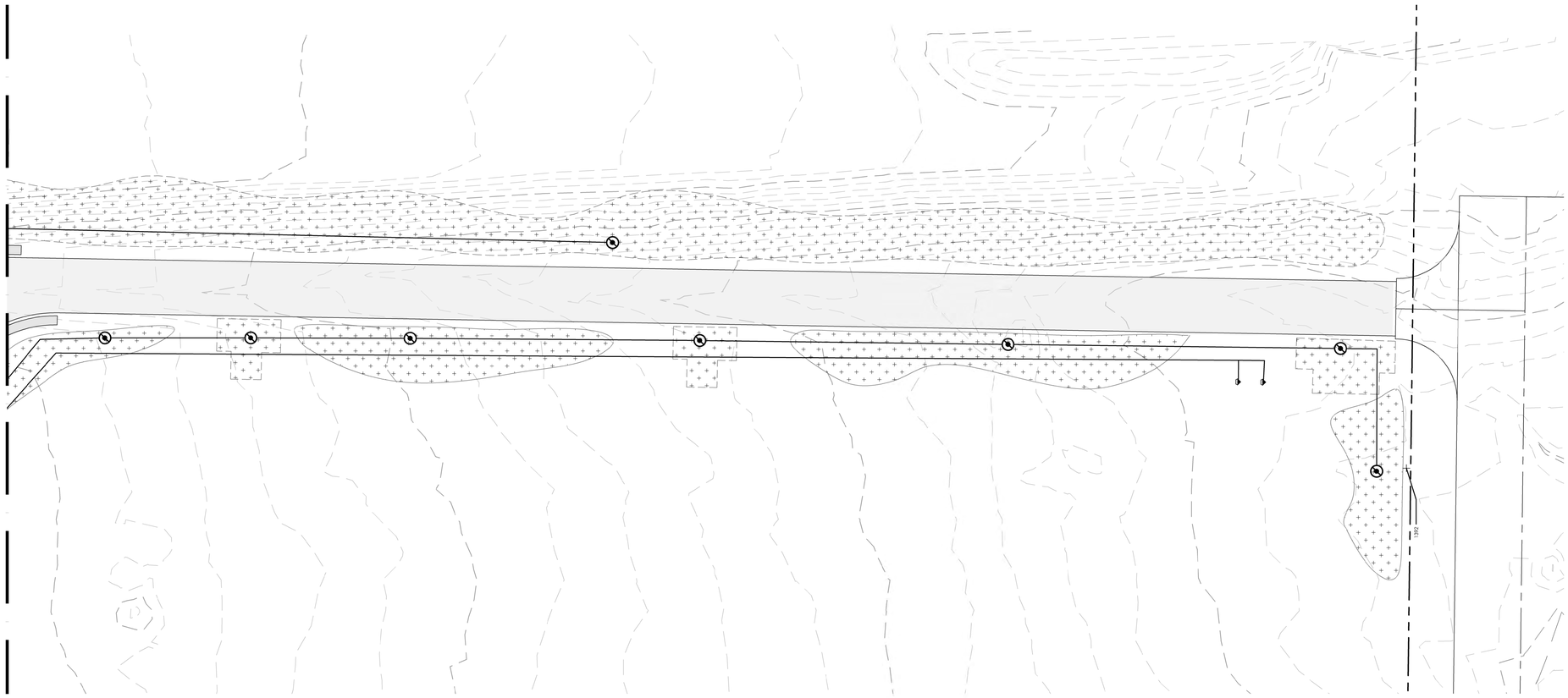
SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
IRRIGATION PLAN

SHEET No.
LI-105
#

N:\1000\1064-01-RC17-27-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\P-1064-01.dwg, LI-105, Jun 06, 2022 10:19pm, aeselbel

MATCHLINE - SEE SHEET LI105 FOR CONTINUATION



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	ARC	PSI
	HUNTER MP CORNER PROS-12-PRS40-CV	ADJ	40
	HUNTER MP STRIP PROS-12-PRS40-CV	SST	40
MP	HUNTER MP1000 PROS-12-PRS40-CV	210-270	40
MP	HUNTER MP1000 PROS-12-PRS40-CV	90-210	40
MP	HUNTER MP2000 PROS-12-PRS40-CV	90-210	40
MP	HUNTER MP3000 PROS-12-PRS40-CV	90-210	40
MP	HUNTER MP3000 PROS-12-PRS40-CV	210-270	40
	RAIN BIRD RWS-B-C W/ RWS-SOCK 1401	360	30

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
	HUNTER I-20-00-MPR SHRUB ROTOR, FIXED, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. MPR NOZZLE.	45

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
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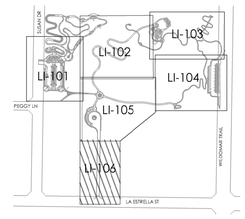
	PIPE TRANSITION POINT ABOVE GRADE PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER TO ABOVE GRADE INSTALLATION.
	AREA TO RECEIVE DRIP EMITTERS RAIN BIRD XB-PC SINGLE OUTLET, PRESSURE COMPENSATING DRIP EMITTERS. FLOW RATES OF 0.5 GPH=BLUE, 1.0 GPH=BLACK, AND 2.0 GPH=RED. COMES WITH A SELF-PIERCING BARB INLET X BARB OUTLET. 0.5 GPH emitters (2 assigned to each 5 gal plant) 0.5 GPH emitters (2 assigned to each 1 gallon plant) 0.5 GPH emitters (4 assigned to each flat plant)

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	HUNTER ICV-G-BSP-DC 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION.
	MATCO-NORCA 759 BRASS SHUT OFF BALL VALVE, 1/2" TO 4", TWO PIECE BODY, BLOW-OUT PROOF STEM, CHROME PLATED SOLID BRASS BALL, THREADED, WITH PTFE SEATS. SAME SIZE AS MAINLINE PIPE.
	NIBCO T-113 CLASS 125 BRONZE GATE SHUT OFF VALVE WITH WHEEL HANDLE, SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. SIZE RANGE - 1/4" - 3"
MV	BUCKNER-SUPERIOR 3000 1" NORMALLY CLOSED BRASS MASTER VALVE THAT PROVIDES DIRTY WATER PROTECTION AND 3-WAY SOLENOID DESIGN. AVAILABLE IN 1", 1-1/4", 1-1/2", 2", 2-1/2" AND 3" SIZES.
BF	FEBCO 825Y-LF 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER
C	HUNTER PHC-2400 WI-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN, 24-STATION FIXED CONTROLLER, 120 VAC, OUTDOOR MODEL.
FS	CREATIVE SENSOR TECHNOLOGY FSI-T10-001 1" (25MM) PVC TEE TYPE FLOW SENSOR W/SOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT, 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ALL IRRIGATION CONTROLLERS. FLOW RANGE: .86-52 GPM.
M	WATER METER 2"
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	IRRIGATION MAINLINE: PVC SCHEDULE 40

Valve Callout
- Valve Number
- Valve Flow
- Valve Size

SITE KEY MAP



NORTH

0 20 40 60 feet

1" = 20'

rrm design group

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
AMADA KLEMASKE No. 6547 REGISTERED LANDSCAPE ARCHITECT
Signature 3/31/23 Renewal Date
Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

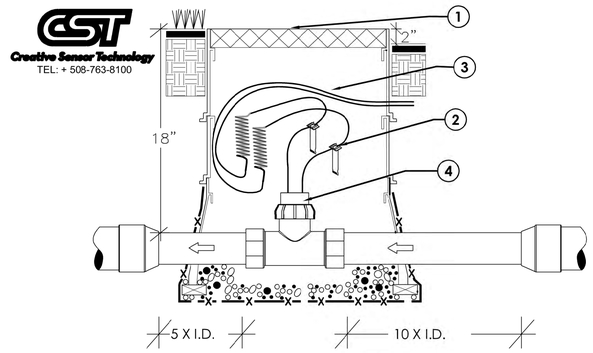
BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
IRRIGATION PLAN

SHEET No.
LI-106
#



1. PLASTIC VALVE BOX TO PROVIDE ACCESS.
2. WATERPROOF WIRE SPLICE, 3M SCOTCHPACK OR EQUIVALENT.
3. DIRECT BURIAL 1 PAIR, TWISTED SHIELDED CABLE MINIMUM CONDUCTOR SIZE 20 AWG. DO NOT EXCEED 2,000 FEET IN LAYING DISTANCE FROM FLOW SENSOR TO IRRIGATION CONTROLLER.
4. FLOW SENSOR - MOUNTED IN BRASS TEE 1 1/2", LEAD FREE BRASS. CREATIVE SENSOR TECHNOLOGY SERIES PART NUMBER. FSI-B15-001. SIZE FLOW SENSOR FOR GPM REQUIREMENTS OF SYSTEM. SEE MATERIAL LEGEND FOR SIZE SPECIFIED.

NOTE: FOR FURTHER INSTALLATION INSTRUCTIONS REVIEW CREATIVE SENSOR TECHNOLOGY INSTALLATION LITERATURE. MAKE SURE DIRECTION ARROW POINTS IN DIRECTION OF FLOW.

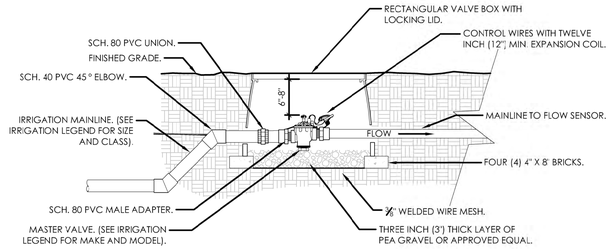
SIZING MODEL#	CHART SIZE:	OPERATING RANGE-GPM
FSI-B15-001	1 1/2"	3-90 GPM

INSTALL TEE ON PIPE WITH AT LEAST 10 PIPE DIAMETERS OF STRAIGHT PIPE UPSTREAM AND 5 PIPE DIAMETERS OF STRAIGHT PIPE DOWNSTREAM OF THE SENSOR.

F CST BRASS TEE MOUNT FLOW SENSOR INSTALLATION

NTS

RRM-2-ACR-ACRE-62



NOTES:
1- MASTER VALVE SHALL BE MAKE AND MODEL NUMBER AS PRESCRIBED PER THE CONTROLLER MANUFACTURER'S SPECIFICATIONS.

2- INSTALL MASTER VALVE PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

3- MASTER VALVE WIRE SHALL BE 14 AWG OR LARGER. COLOR: BLACK.

4- ALL WIRE RUNS SHALL BE CONTINUOUS WITHOUT ANY SPLICES. WIRE CONNECTIONS SHALL BE MADE USING DBR-Y/6 CONNECTORS OR APPROVED EQUAL.

5- WRAP VALVE BOX WITH MIN. 3 MIL. THICK PLASTIC AND SECURE IT TO THE VALVE BOX USING DUCT TAPE OR ELECTRICAL TAPE.

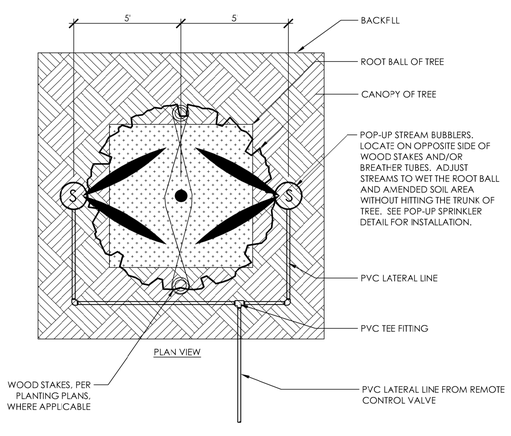
6- SEE MASTER VALVE/ FLOW SENSOR DETAIL FOR LINEAR DIMENSIONS.

7- VALVE BOXES SHALL BE LOCATED IN PLANTING AREAS.

H MASTER VALVE

1" = 1'-0"

RRM-2-ACR-ACRE-53

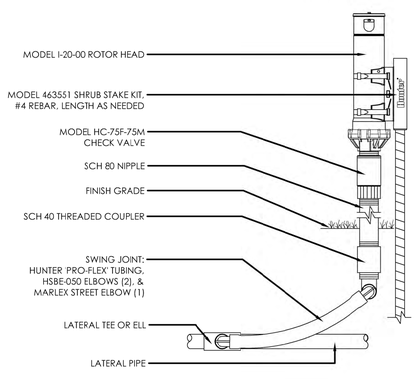


STREAM TREE BUBBLERS

1/2" = 1'-0"

*When using larger GPM nozzles, beware of high friction loss in swing joints.

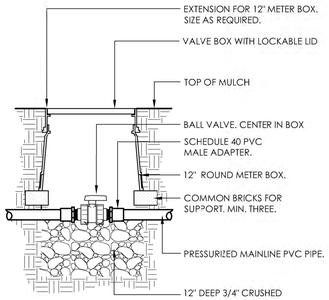
Hunter®



G I-20-00 ROTOR HEAD WITH PRO-FLEX TUBING

3" = 1'-0"

RRM-2-ACR-ACRE-60



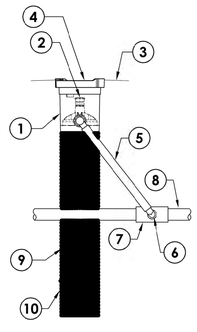
NOTES:
1. PLACE AGGREGATE PRIOR TO INSTALLATION OF VALVE BOX.

E ISOLATION (BALL) VALVE

1" = 1'-0"

RRM-2-ACR-ACRE-59

RAIN BIRD



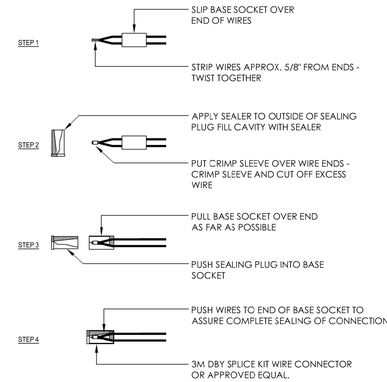
1. ROOT WATERING SYSTEM: RAIN BIRD RWS-B-C-1401 (INCLUDES RETAINER, 36" (91.4 cm) "UBE, 0.25 GPM (0.95 L/M) BUBBLER & INTEGRATED CHECK VALVE, 4" (10.2 cm) GRATE, VERSATILE SWING ASSEMBLY WITH 1/2" (1.3 cm) M NPT INLET)
2. BUBBLER: RAIN BIRD 1401 0.25 GPM (0.95 L/M) (INCLUDED)
3. FINISH GRADE/TOP OF MULCH
4. 4" (10.2 cm) LOCKING GRATE (INCLUDED)
5. 12" (30.5 cm) SWING ASSEMBLY (INCLUDED)
6. 1/2" (1.3 cm) MALE NPT INLET (INCLUDED)
7. PVC SCH 40 TEE OR EL
8. PVC OR POLYETHYLENE LATERAL PIPE
9. 4" (10.2 cm) WIDE X 36" (91.4 cm) LONG RIGID BASKET WEAVE CANISTER (INCLUDED)
10. OPTIONAL SOCK (RWS-SOCK) FOR SANDY SOILS

NOTES:
1. 4" (10.2 cm) GRATE IS ALSO AVAILABLE IN PURPLE (RWS-GRATE-P).
2. INSTALL PRODUCT SO THAT THE GRATE IS EVEN WITH, FINISH GRADE OR TOP OF MULCH.
3. OPTIONAL SAND SOCK (RWS-SOCK) IS 34" (86.4 cm) IN LENGTH TO COVER MESH BASKET AREA.
4. WHEN INSTALLING IN EXTREMELY HARD OR CLAY SOILS, ADD 3/4" (1.9 cm) GRAVEL UNDER AND AROUND THE UNIT TO ALLOW FASTER WATER INFILTRATION AND ROOT PENETRATION.
5. ONCE RWS HAS BEEN INSTALLED FILL THE BASKET WITH PEA GRAVEL BEFORE LOCKING LID.

D ROOT WATERING SYSTEM-B-C-1401

NOT TO SCALE

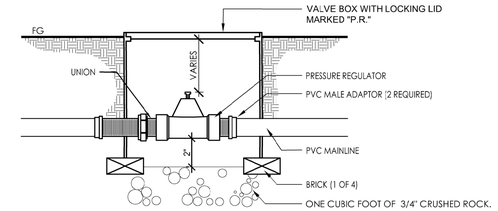
RRM-2-ACR-ACRE-61



C WIRING CONNECTIONS

1 1/2" = 1'-0"

RRM-2-ACR-ACRE-56



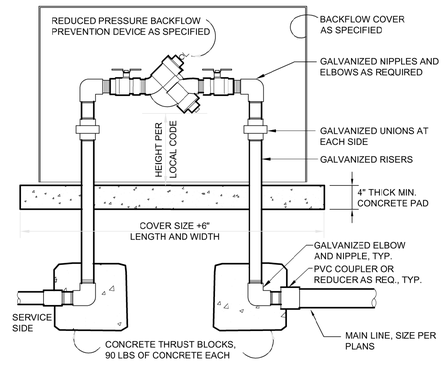
NOTES:

1. INSTALL VALVE BOX SO THAT THE TOP OF COVER IS 2" ABOVE FINISH GRADE IN GROUND COVER AREAS AND 1/2" IN TURF AREAS.

B PRESSURE REDUCING VALVE

3/4" = 1'-0"

RRM-2-ACR-ACRE-46



A RP BACKFLOW DEVICE W/ ENCLOSURE

1" = 1'-0"

RRM-2-ACR-ACRE-49

rrm design group

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MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER | CITY

CITY OF WILDOMAR
ACCEPTED BY:
Date:
Daniel A. York, Director of Public Works/ City Engineer, PE 43212
ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED LANDSCAPE ARCHITECT AMANDA KLEMASKE No. 6574
Signature 3/31/23 Renewal Date
Date
STATE OF CALIFORNIA

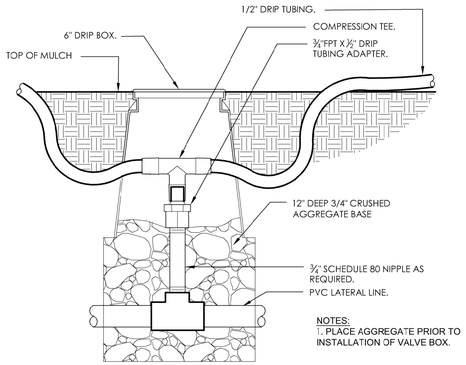
RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistrano #205,
San Juan Capistrano, CA 92675
PREPARED BY: _____
R.C.E. No. _____ EXP.

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____
THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)
SCALE: H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
IRRIGATION DETAILS

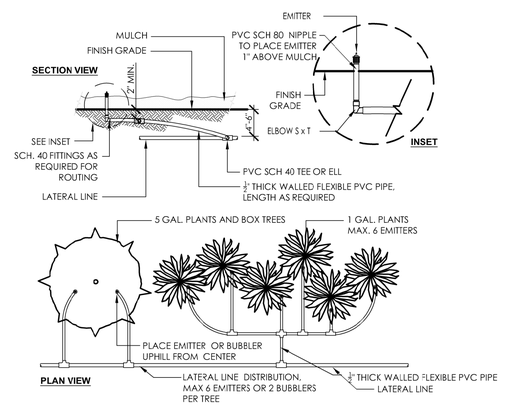
SHEET No.
LI-500
#

N:\1000\1064-01-RC17-27-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\IP-1064-01.dwg, LI-500, Jun 06, 2022 10:22pm, oeselbel



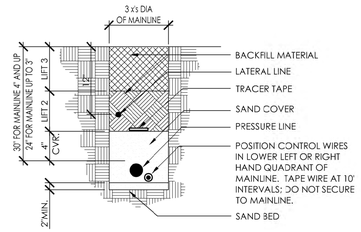
E RIGID PVC TO DRIPLINE TRANSITION

3" = 1'-0" RRM-2-ACR-ACRE-50

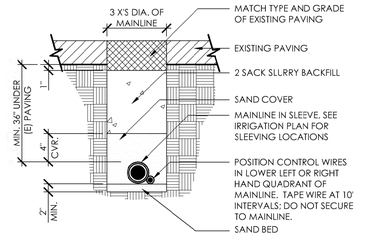


SINGLE OUTLET EMITTER

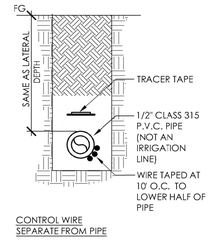
3/4" = 1'-0"



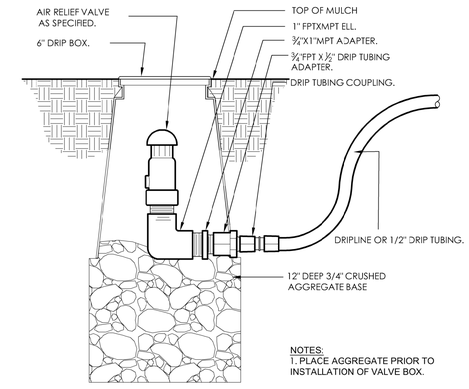
MAINLINE COMBINED WITH LATERAL LINE



MAINLINE WITH CONTROL WIRE BELOW EXISTING PAVING

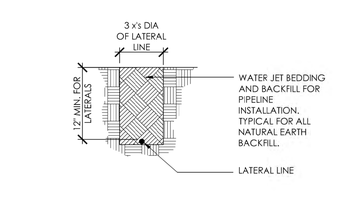


CONTROL WIRE SEPARATE FROM PIPE

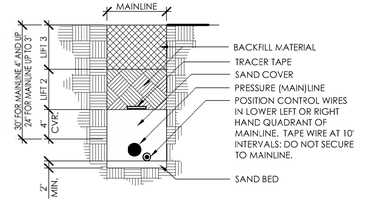


B DRIP AIR RELIEF VALVE IN BOX

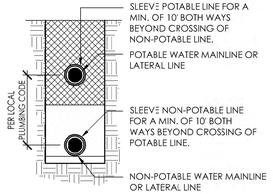
3" = 1'-0" RRM-2-ACR-ACRE-51



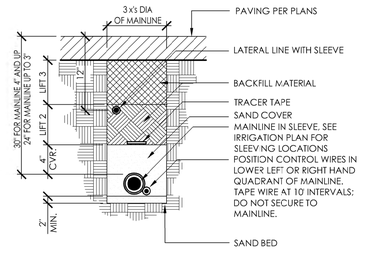
LATERAL LINE



MAINLINE WITH CONTROL WIRE



RECLAIMED WATER & POTABLE WATER PIPE

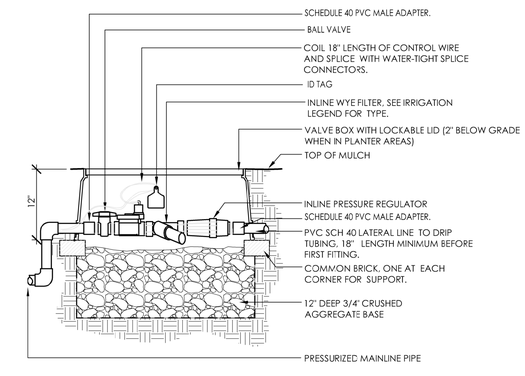


MAINLINE COMBINED WITH LATERAL LINE UNDER PAVEMENT

A. NOTES:
B. PIPE BEDDING AND BACKFILL SHALL BE WATER JETTED TO ACHIEVE PROPER DENSIFICATION.
C. PIPE AND CONTROL WIRE CROSSING VECHICULAR ROADWAY SHALL BE SLEEVED PER PLANS AND THIS DETAIL
D. ELECTRICAL SLEEVE: 3" MIN; LARGER IF REQUIRED BY INSPECTOR.
E. IRRIGATION SLEEVE: TWO PIPE SIZES LARGER THAN WATER PIPE SIZE.
F. SHOW ALIGNMENT OF ALL CONTROL WIRE NOT INSTALLED WITH MAINLINE ON AS-BUILT DRAWINGS.

D TRENCHING

1" = 1'-0" RRM-2-ACR-ACRE-55



NOTES:
1. PLACE AGGREGATE PRIOR TO INSTALLATION OF VALVE BOX.

A DRIP ZONE CONTROL VALVE

1/2" = 1'-0" RRM-2-ACR-ACRE-47

rrm design group

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MARK	BY	DATE	REVISIONS	APPR.	DATE
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
REGISTERED LANDSCAPE ARCHITECT
AMANDA KLEMASKE No. 6534
Signature
3/31/23
Renewal Date
Date
STATE OF CALIFORNIA

RRM DESIGN GROUP
(949) 361-7950
32332 Camino Capistraro #205,
San Juan Capistrano, CA 92675

PREPARED BY: _____

R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

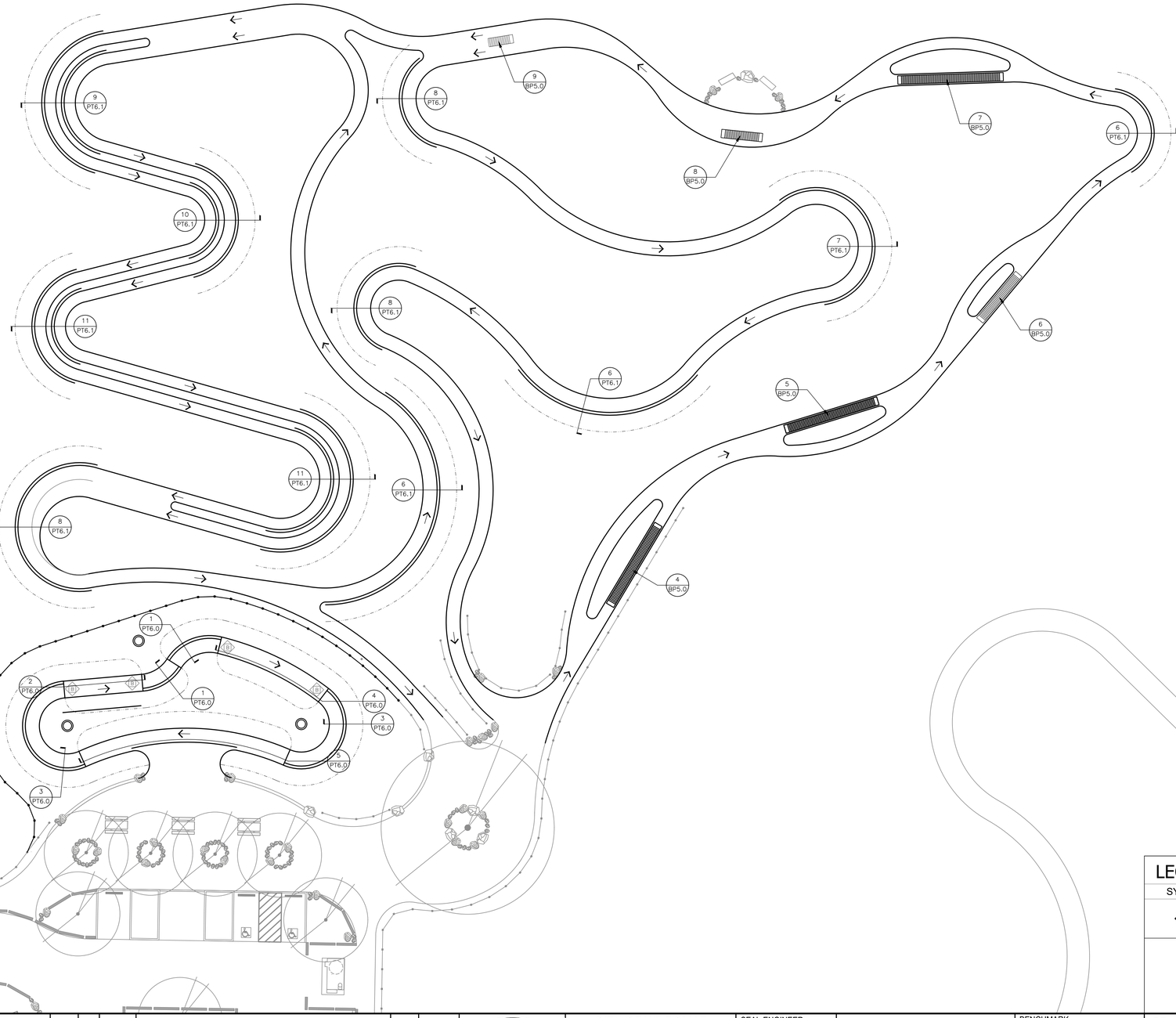
SCALE:
H: As Noted V: As Noted

CITY OF WILDOMAR
27 ACRE PARK
IRRIGATION DETAILS

SHEET No.
LI-501
#

N:\1000\1064-01-RC17-27-Acre-Park\Planning\G.01 75% Construction Drawings\AUTOCAD\IP-1064-01.dwg, LI-501, Jun 06, 2022 10:25pm, aseelbel

SHEET IN PROGRESS



LEGEND

SYMBOL	DETAIL	DESCRIPTION
←	NA	RIDE DIRECTION

0'-0" 20'-0" 60'-0"

SCALE: 1" = 20'-0"

WORMHOUDT, INC.

NOTE:
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MARK	BY	DATE	REVISIONS	APPR.	DATE
		08/16/21	30% CD SUBMITTAL		
		04/01/22	75% CD SUBMITTAL		
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

(engineer stamp)

(engineer/company)
(phone - email)
(address)
(address)

PREPARED BY: (RCE signature) (signature date)
(print RCE name below signature line)
R.C.E. No. (number) EXP. (date)

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

PP, CUP, PM, TM, etc. Project XX-XXXX

CITY OF WILDOMAR

(project name, map schedule, etc.)

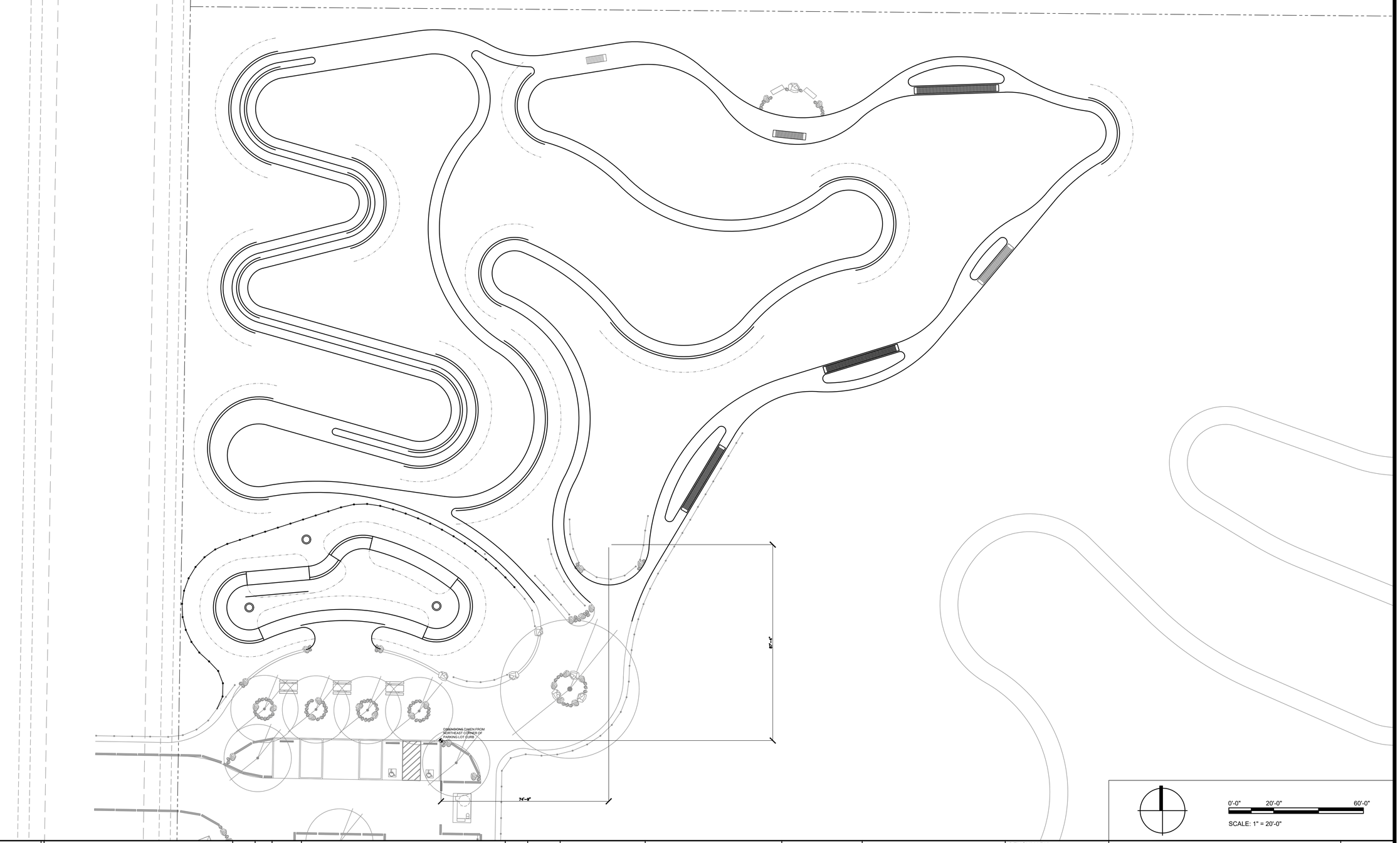
Construction Plan

SHEET No. BP-1.0

OF # SHTS

Plans Prepared On: 04/01/2022

SHEET IN PROGRESS



0'-0" 20'-0" 60'-0"

SCALE: 1" = 20'-0"

WORMHOUDT, INC.

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MARK	BY	DATE	REVISIONS	APPR.	DATE
		08/16/21	30% CD SUBMITTAL		
		04/01/22	75% CD SUBMITTAL		

ENGINEER — CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

(engineer stamp)

(engineer/company)
(phone - email)
(address)
(address)

PREPARED BY: (RCE signature) (signature date)
(print RCE name below signature line)
R.C.E. No. (number) EXP. (date)

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

PP, CUP, PM, TM, etc. Project XX-XXXX

CITY OF WILDOMAR

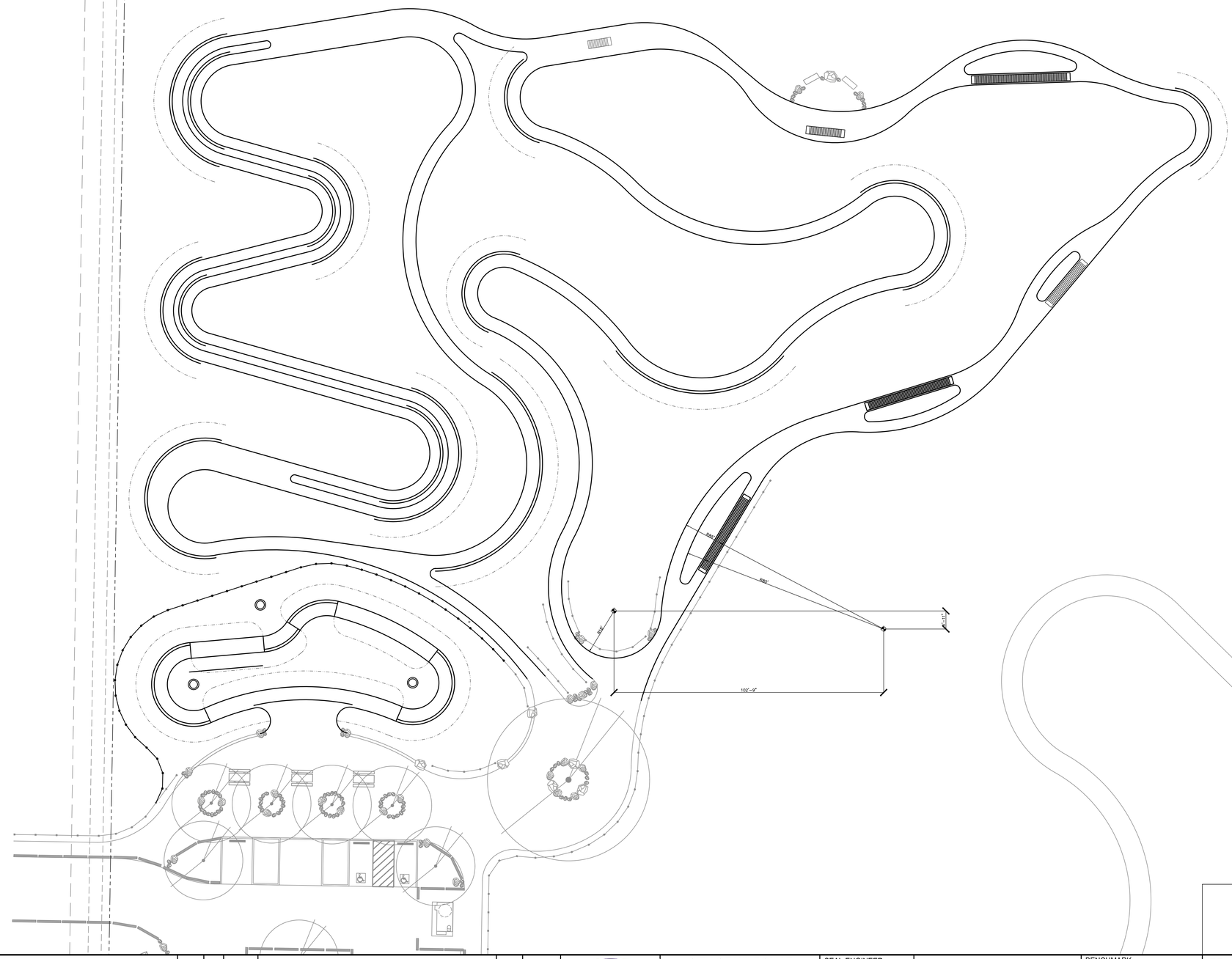
(project name, map schedule, etc.)

Layout Plan

SHEET No.
BP-2.0
OF # SHTS

Plans Prepared On: 04/01/2022

SHEET IN PROGRESS



0'-0" 20'-0" 60'-0"

SCALE: 1" = 20'-0"

WORMHOUDT, INC.

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MARK	BY	DATE	REVISIONS	APPR.	DATE
		08/16/21	30% CD SUBMITTAL		
		04/01/22	75% CD SUBMITTAL		

ENGINEER CITY

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

(engineer stamp)

(engineer/company)
(phone - email)
(address)
(address)

PREPARED BY: (RCE signature) (signature date)
(print RCE name below signature line)
R.C.E. No. (number) EXP. (date)

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

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L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

PP, CUP, PM, TM, etc. Project XX-XXXX

CITY OF WILDOMAR

(project name, map schedule, etc.)

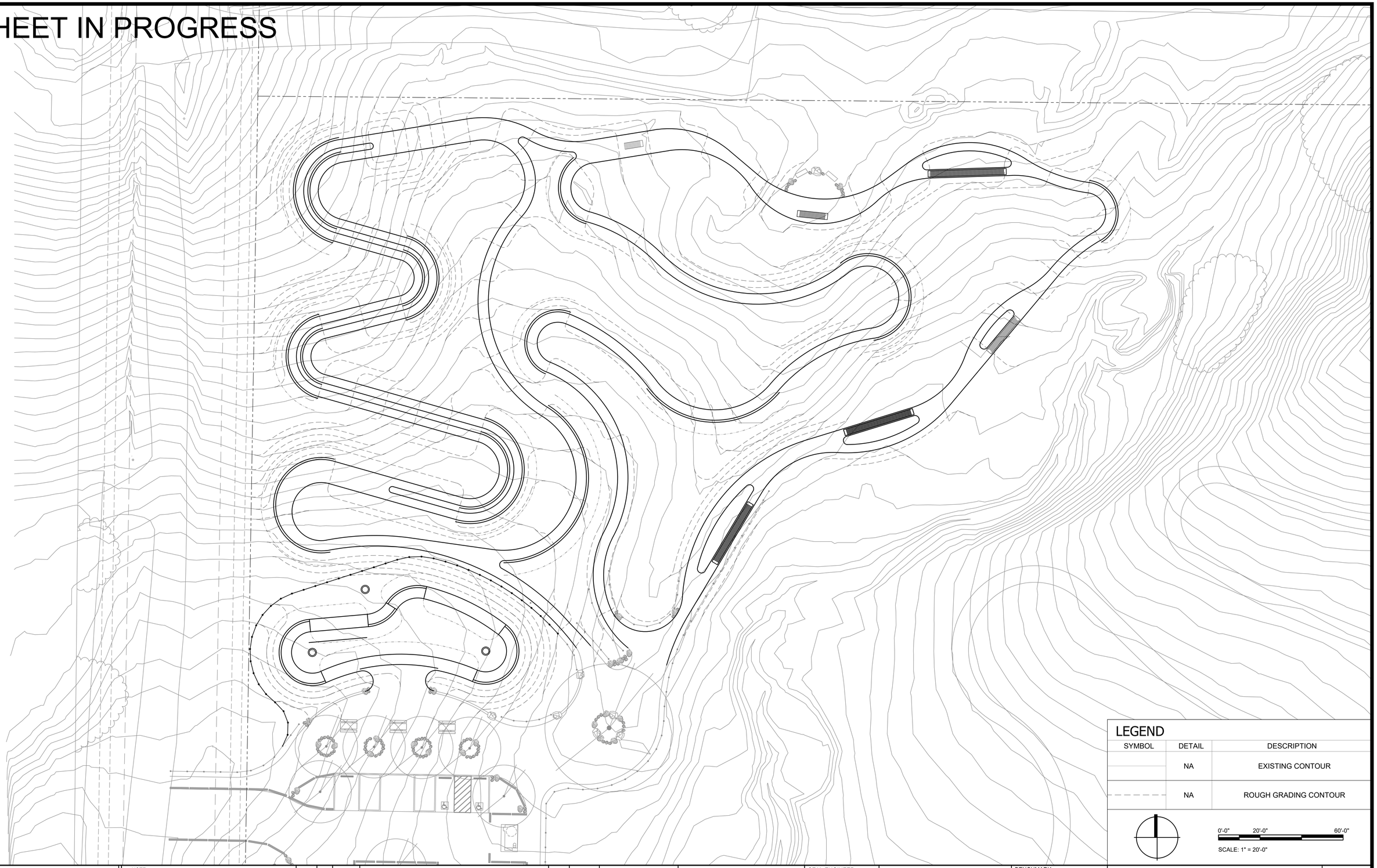
Layout Radius Plan

SHEET No. BP-2.1

OF # SHTS

Plans Prepared On: 04/01/2022

SHEET IN PROGRESS



LEGEND

SYMBOL	DETAIL	DESCRIPTION
	NA	EXISTING CONTOUR
	NA	ROUGH GRADING CONTOUR

0'-0" 20'-0" 60'-0"

SCALE: 1" = 20'-0"

WORMHOUDT, INC.

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		04/01/22	75% CD SUBMITTAL		
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

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BENCHMARK # _____

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L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

PP, CUP, PM, TM, etc. Project XX-XXXX

CITY OF WILDOMAR

(project name, map schedule, etc.)

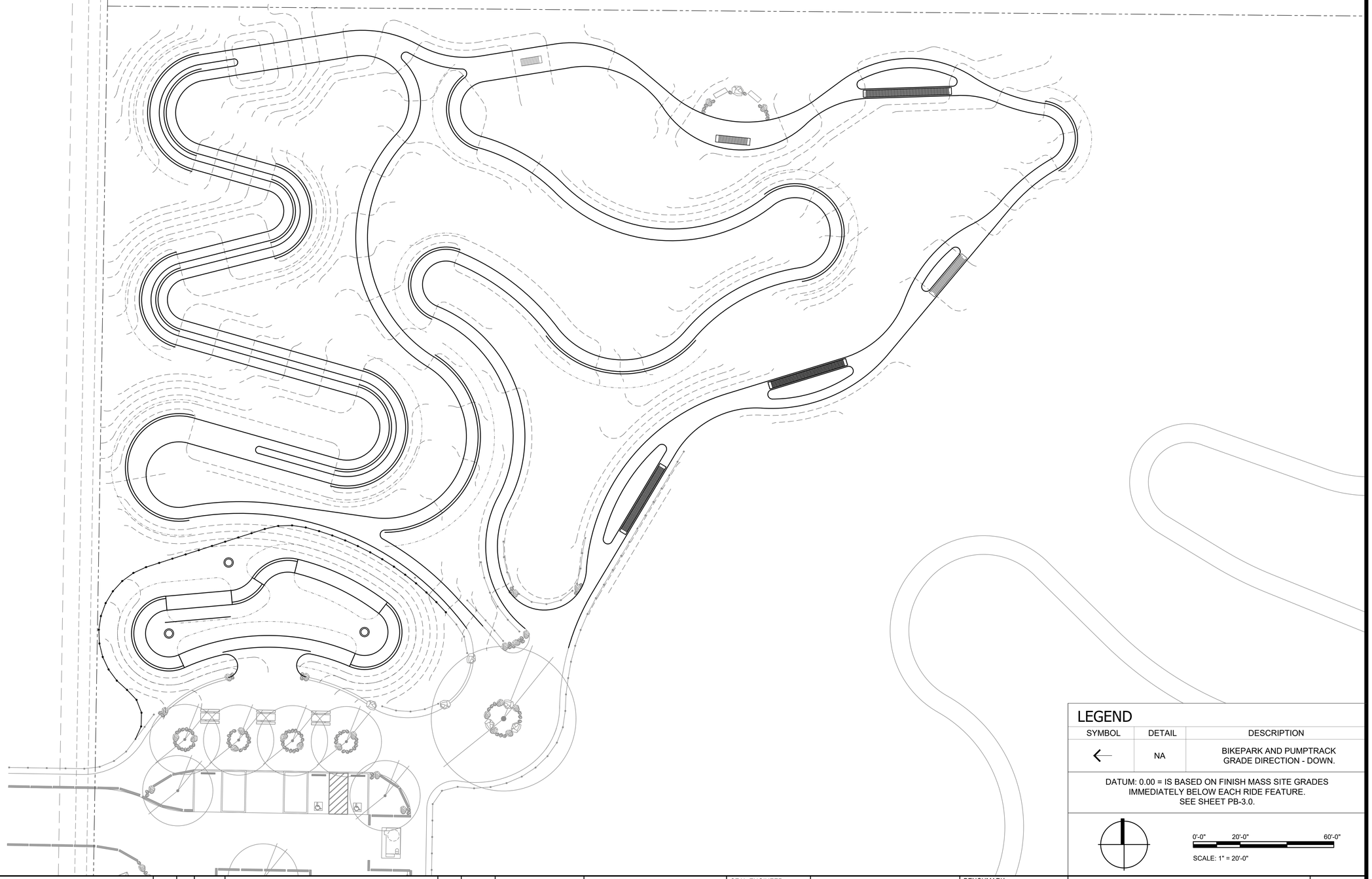
Rough Grading Plan

SHEET No. BP-3.0

OF # SHTS

Plans Prepared On: 04/01/2022

SHEET IN PROGRESS



LEGEND

SYMBOL	DETAIL	DESCRIPTION
←	NA	BIKEPARK AND PUMPTRACK GRADE DIRECTION - DOWN.

DATUM: 0.00 = IS BASED ON FINISH MASS SITE GRADES IMMEDIATELY BELOW EACH RIDE FEATURE. SEE SHEET PB-3.0.

0'-0" 20'-0" 60'-0"

SCALE: 1" = 20'-0"

WORMHOUDT, INC.

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		04/01/22	75% CD SUBMITTAL		
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

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SCALE:
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PP, CUP, PM, TM, etc. Project XX-XXXX

CITY OF WILDOMAR

(project name, map schedule, etc.)

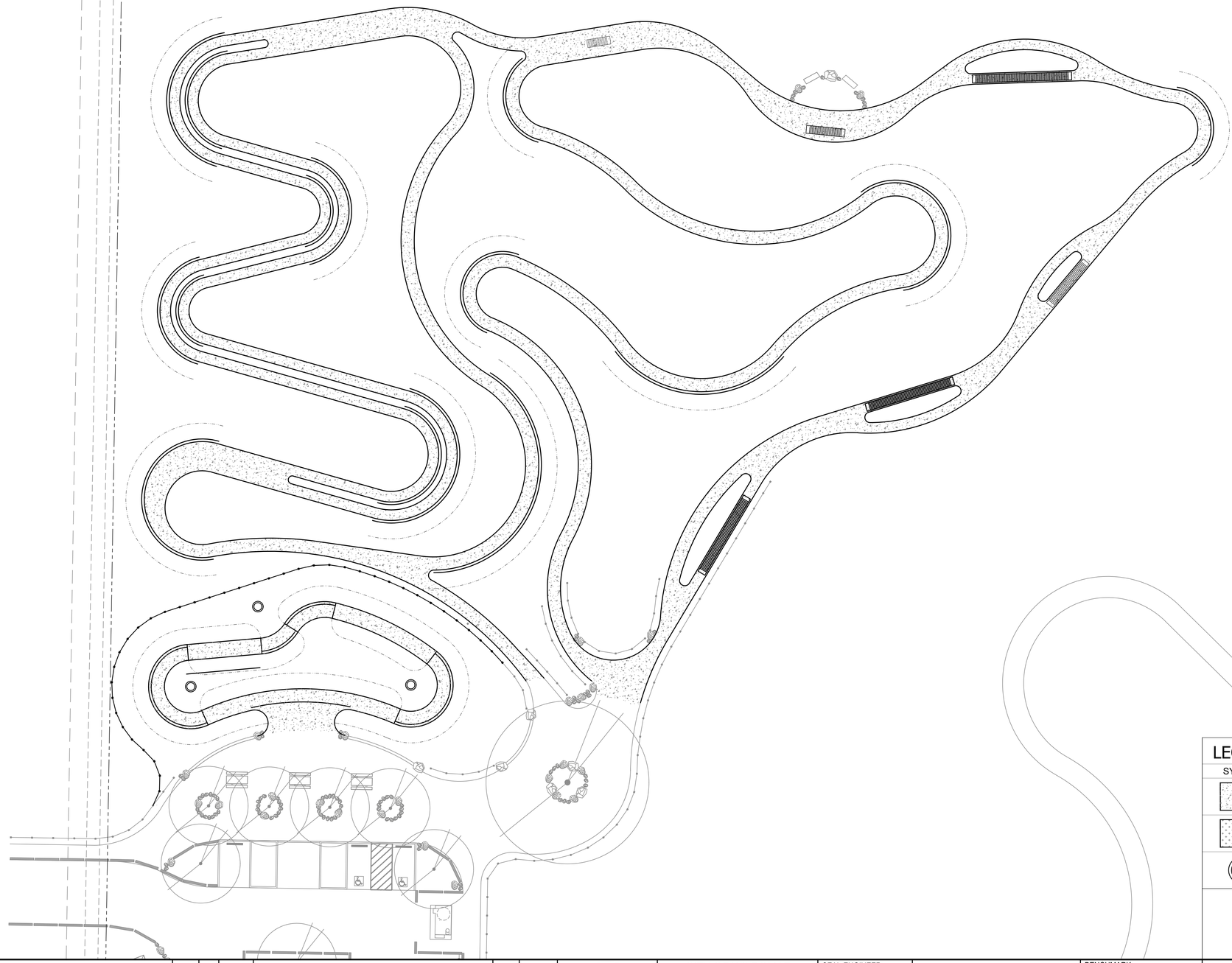
Fine Grading and Drainage Plan

SHEET No.
BP-3.1

OF # SHTS

Plans Prepared On: 04/01/2022

SHEET IN PROGRESS



LEGEND

SYMBOL	DETAIL	DESCRIPTION
	X/PT-5.0	BIKEPARK & PUMPTRACK SOILTAC RIDE LANE
	X/PT-5.0 X/PT-5.0	NON-RIDE RETURN TO GRADE FINISH SURFACE
	X/PT-5.0	DRY-WELL

0'-0" 20'-0" 60'-0"

SCALE: 1" = 20'-0"

WORMHOUDT, INC.

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PP, CUP, PM, TM, etc. Project XX-XXXX

CITY OF WILDOMAR

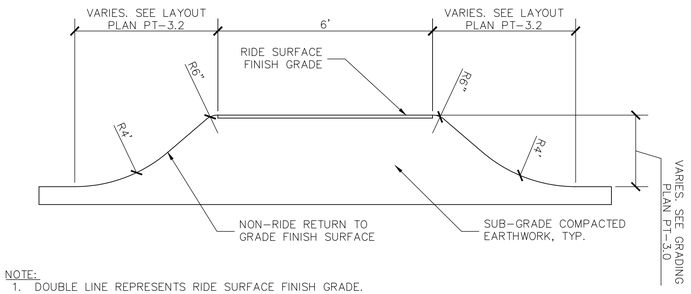
(project name, map schedule, etc.)

Materials Plan

SHEET No.
BP-4.0
OF # SHTS

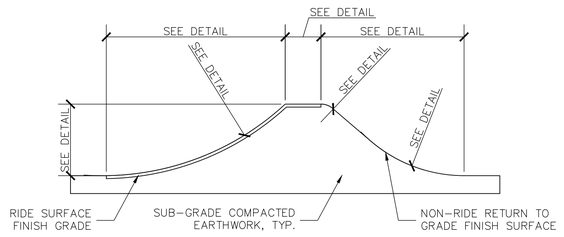
Plans Prepared On: 04/01/2022

SHEET IN PROGRESS



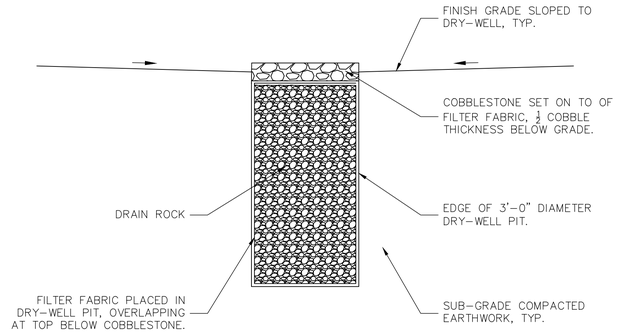
NOTE:
1. DOUBLE LINE REPRESENTS RIDE SURFACE FINISH GRADE.
2. ALL PUMPTRACK FEATURE SURFACES SHALL BE STABILIZED WITH SOILTAC PER MANUFACTURER SPECIFICATIONS.

TYPICAL RIDE LANE SECTION 1/2"=1'-0" (1)



NOTE:
1. DOUBLE LINE REPRESENTS RIDE SURFACE FINISH GRADE.
2. ALL PUMPTRACK FEATURE SURFACES SHALL BE STABILIZED WITH SOILTAC PER MANUFACTURER SPECIFICATIONS.

TYPICAL RIDE FEATURE SECTION 1/2"=1'-0" (2)



DRY-WELL 1/2"=1'-0" (3)

NOTE:
1. MANUFACTURED BY PROGRESSIVE BIKE RAMPS OR PROVED EQUAL.
2. REFER TO CONSTRUCTION PLAN PT-1.0 FOR LOCATIONS AND QUANTITIES.
3. MANUFACTURER TO PROVIDE ALL FOOTINGS, ENGINEERING, AND CALCULATIONS.

PBR STEP DOWN ROLLER (WIDTH 36") N.T.S. (4)

NOTE:
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3. MANUFACTURER TO PROVIDE ALL FOOTINGS, ENGINEERING, AND CALCULATIONS.

PBR NESSY TWO BUMPS (2'P,1'V) (WIDTH 36") N.T.S. (5)

NOTE:
1. MANUFACTURED BY PROGRESSIVE BIKE RAMPS OR PROVED EQUAL.
2. REFER TO CONSTRUCTION PLAN PT-1.0 FOR LOCATIONS AND QUANTITIES.
3. MANUFACTURER TO PROVIDE ALL FOOTINGS, ENGINEERING, AND CALCULATIONS.

PBR ROLLER (HEIGHT 1') (LENGTH 18.7') (WIDTH 36") N.T.S. (6)

NOTE:
1. MANUFACTURED BY PROGRESSIVE BIKE RAMPS OR PROVED EQUAL.
2. REFER TO CONSTRUCTION PLAN PT-1.0 FOR LOCATIONS AND QUANTITIES.
3. MANUFACTURER TO PROVIDE ALL FOOTINGS, ENGINEERING, AND CALCULATIONS.

PBR MOUNTAIN TOP 2' PEAK (WIDTH 36") N.T.S. (7)

NOTE:
1. MANUFACTURED BY PROGRESSIVE BIKE RAMPS OR PROVED EQUAL.
2. REFER TO CONSTRUCTION PLAN PT-1.0 FOR LOCATIONS AND QUANTITIES.
3. MANUFACTURER TO PROVIDE ALL FOOTINGS, ENGINEERING, AND CALCULATIONS.

PBR TEETER TOTTER (WIDTH 36") N.T.S. (8)

NOTE:
1. MANUFACTURED BY PROGRESSIVE BIKE RAMPS OR PROVED EQUAL.
2. REFER TO CONSTRUCTION PLAN PT-1.0 FOR LOCATIONS AND QUANTITIES.
3. MANUFACTURER TO PROVIDE ALL FOOTINGS, ENGINEERING, AND CALCULATIONS.

PBR WEDGE (5.5 DEG) (HEIGHT 1') (WIDTH 36") N.T.S. (9)

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ENGINEER CITY

CITY OF WILDOMAR
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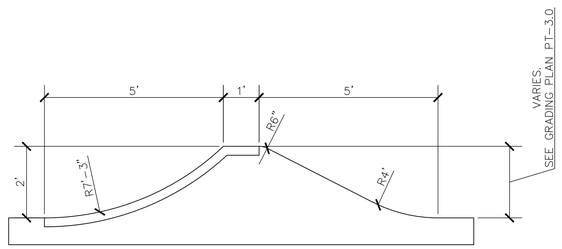
SCALE:
H: As Noted V: As Noted

PP, CUP, PM, TM, etc. Project XX-XXXX
CITY OF WILDOMAR
(project name, map schedule, etc.)
Standard Bikepark Details and Built Bikepark Features

SHEET No.
BP-5.0
OF # SHTS

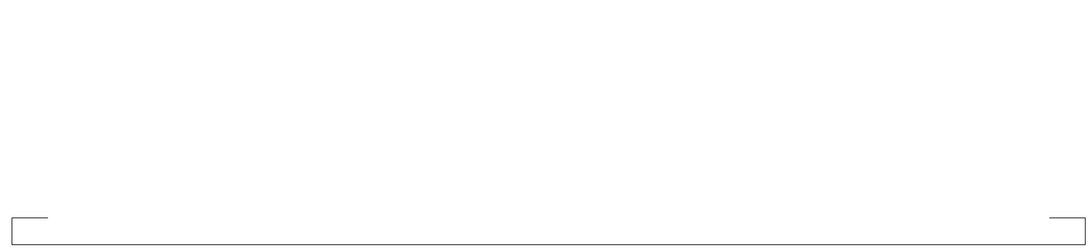
Plans Prepared On: 04/01/2022

SHEET IN PROGRESS



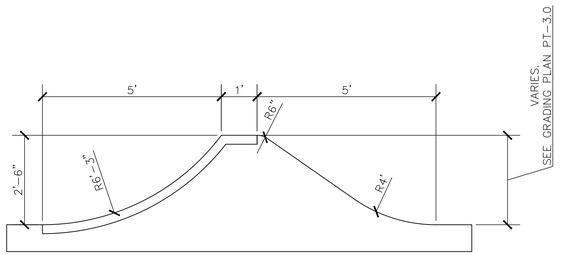
NOTE:
1. SEE DETAIL 1/PT-5.0 FOR TYPICAL RIDE LANE SECTION.
2. SEE DETAIL 2/PT-5.0 FOR TYPICAL RIDE FEATURE SECTION.

2'-0" BEGINNER PUMPTRACK BERM 1/2"=1'-0" (1)



NOTE:
1. SEE DETAIL 1/PT-5.0 FOR TYPICAL RIDE LANE SECTION.
2. SEE DETAIL 2/PT-5.0 FOR TYPICAL RIDE FEATURE SECTION.

28'-0" BEGINNER PUMPTRACK RHYTHM LANE 1/2"=1'-0" (2)



NOTE:
1. SEE DETAIL 2/PT-6.0 FOR TYPICAL RIDE LANE SECTION.
2. SEE DETAIL 3/PT-6.0 FOR TYPICAL RIDE FEATURE SECTION.

2'-6" BEGINNER PUMPTRACK BERM 1/2"=1'-0" (3)

NOTE:
1. SEE DETAIL 1/PT-5.0 FOR TYPICAL RIDE LANE SECTION.
2. SEE DETAIL 2/PT-5.0 FOR TYPICAL RIDE FEATURE SECTION.

41'-4" BEGINNER PUMPTRACK RHYTHM LANE 1/2"=1'-0" (4)

NOTE:
1. SEE DETAIL 1/PT-5.0 FOR TYPICAL RIDE LANE SECTION.
2. SEE DETAIL 2/PT-5.0 FOR TYPICAL RIDE FEATURE SECTION.

72'-2" BEGINNER PUMPTRACK RHYTHM LANE 1/2"=1'-0" (5A)

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ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:
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Daniel A. York, Director of Public Works/ City Engineer, PE 43212
ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

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SCALE:
H: As Noted V: As Noted

PP, CUP, PM, TM, etc. Project XX-XXXX
CITY OF WILDOMAR
(project name, map schedule, etc.)
Bikepark Details

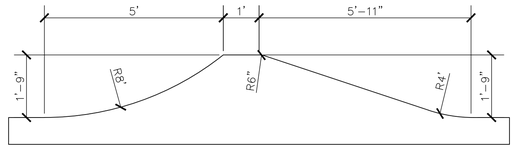
SHEET No.
BP-6.0
OF # SHTS

Plans Prepared On: 04/01/2022

SHEET IN PROGRESS

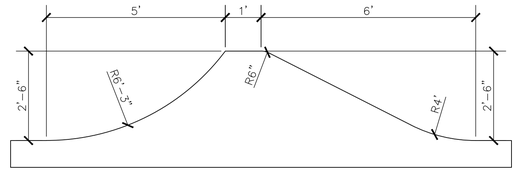
NOTE:
1. SEE DETAIL 2/PT-6.0 FOR TYPICAL RIDE LANE SECTION.
2. SEE DETAIL 3/PT-6.0 FOR TYPICAL RIDE FEATURE SECTION.

72'-2" BEGINNER PUMPTRACK RHYTHM LANE 1/2"=1'-0" 5B



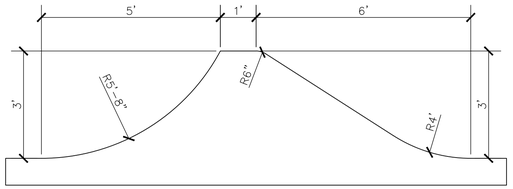
NOTE:
1. SEE DETAIL 1/PT-5.0 FOR TYPICAL RIDE LANE SECTION.
2. SEE DETAIL 2/PT-5.0 FOR TYPICAL RIDE FEATURE SECTION.

1'-9" BIKEPARK BERM 1/2"=1'-0" 6



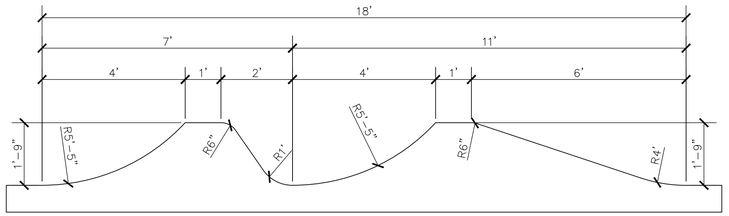
NOTE:
1. SEE DETAIL 1/PT-5.0 FOR TYPICAL RIDE LANE SECTION.
2. SEE DETAIL 2/PT-5.0 FOR TYPICAL RIDE FEATURE SECTION.

2'-6" BIKEPARK BERM 1/2"=1'-0" 7



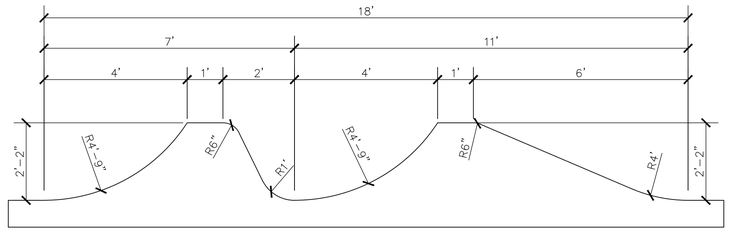
NOTE:
1. SEE DETAIL 1/PT-5.0 FOR TYPICAL RIDE LANE SECTION.
2. SEE DETAIL 2/PT-5.0 FOR TYPICAL RIDE FEATURE SECTION.

3'-0" BIKEPARK BERM 1/2"=1'-0" 8



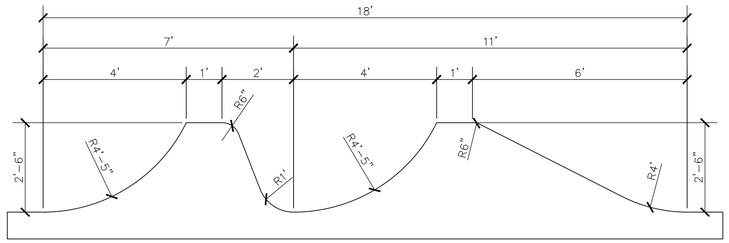
NOTE:
1. SEE DETAIL 1/PT-5.0 FOR TYPICAL RIDE LANE SECTION.
2. SEE DETAIL 2/PT-5.0 FOR TYPICAL RIDE FEATURE SECTION.

1'-9" BIKEPARK SLALOM BERM 1/2"=1'-0" 9



NOTE:
1. SEE DETAIL 1/PT-5.0 FOR TYPICAL RIDE LANE SECTION.
2. SEE DETAIL 2/PT-5.0 FOR TYPICAL RIDE FEATURE SECTION.

2'-2" BIKEPARK SLALOM BERM 1/2"=1'-0" 10



NOTE:
1. SEE DETAIL 1/PT-5.0 FOR TYPICAL RIDE LANE SECTION.
2. SEE DETAIL 2/PT-5.0 FOR TYPICAL RIDE FEATURE SECTION.

2'-6" BIKEPARK SLALOM BERM 1/2"=1'-0" 11

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ENGINEER				CITY	

CITY OF WILDOMAR
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Date:

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SCALE:
H: As Noted V: As Noted

PP, CUP, PM, TM, etc. Project XX-XXXX

CITY OF WILDOMAR
(project name, map schedule, etc.)
Bikepark Details

SHEET No.
BP-6.1

OF # SHTS

Plans Prepared On: 04/01/2022

SHEET IN PROGRESS

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		08/16/21	30% CD SUBMITTAL		
		04/01/22	75% CD SUBMITTAL		
ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/
City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

(engineer stamp)

(engineer/company)
(phone - email)
(address)
(address)

PREPARED BY: (RCE signature) (signature date)
(print RCE name below signature line)
R.C.E. No. (number) EXP. (date)

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____

THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)

SCALE:
H: As Noted V: As Noted

PP, CUP, PM, TM, etc. Project XX-XXXX

CITY OF WILDOMAR
(project name, map schedule, etc.)
Bikepark Details

SHEET No.
BP-6.2
OF # SHTS

Plans Prepared On: 04/01/2022

LEGEND

SYMBOL	DESCRIPTION
-	NOTE CALLOUT
- / -	DETAIL CALLOUT - NUMBER ON TOP DENOTES DETAIL NUMBER - NUMBER ON BOTTOM DENOTES SHEET DETAIL IS SHOWN
- / -	MECHANICAL EQUIPMENT CALLOUT, SEE MECHANICAL PLANS FOR EXACT LOCATION AND REQUIREMENTS
- / -	SECTION CALLOUT
-	FEEDER CALLOUT
-	EXISTING FEEDER CALLOUT
	NEW LINEWORK
	EXISTING LINEWORK
	DEMOLISHED LINEWORK
	CONDUIT CONCEALED IN WALL OR ABOVE CEILING
	CONDUIT EXPOSED
	CONDUIT CONCEALED UNDERGROUND OR BELOW FLOOR
	CONDUIT EMERGENCY
W W	MULTI-CHANNEL RACEWAY
	CONDUIT TURNED UP
	CONDUIT CAPPED
A-1	BRANCH CIRCUIT HOMERUN TO PANELBOARD AND CIRCUITS AS INDICATED
	3/4" CONDUIT, TICK MARKS INDICATE QUANTITY OF #12 AWG WIRES (UNLESS NOTED OTHERWISE, NO MARKS INDICATES 2#12 & 1#12 GND WIRES) - SMALL MARK DENOTES HOT WIRE - LARGE MARK DENOTES NEUTRAL WIRE - DIAGONAL DENOTES GROUND WIRE
G	GENERATOR
	SWITCH
	CIRCUIT BREAKER
	2-WAY SWITCH, TRANSFER SWITCH
	FUSE
	TRANSFORMER
	GROUND CONNECTION
	MOTOR - SINGLE PHASE FRACTIONAL OR INTEGRAL HORSEPOWER
M	METER
	PANEL
	FUSED DISCONNECT SWITCH
	NON-FUSED DISCONNECT SWITCH
	COMBINATION STARTER/DISCONNECT SWITCH
M	SWITCH MOTOR RATED
	SPLICE
	TERMINATION
	EXISTING TERMINATION
52	MEDIUM VOLTAGE - AIR CIRCUIT BREAKER DRAWOUT BREAKER
	MEDIUM VOLTAGE FUSED DISCONNECT SWITCH

SYMBOL	DESCRIPTION
X y	DOWNLIGHT FIXTURE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.
X y	EMERGENCY DOWNLIGHT FIXTURE FED FROM GENERATOR/ INVERTER/ BATTERY BACKUP
X y	PENDANT LUMINAIRE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.
X y	WALLWASH LIGHT FIXTURE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.
X y	WALL MOUNTED LIGHT FIXTURE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.
	EMERGENCY WALL MOUNTED LIGHT FIXTURE FED FROM GENERATOR/ INVERTER/ BATTERY BACKUP
	BOLLARD LUMINAIRE
	POST TOP LUMINAIRE
	POLE MOUNTED LUMINAIRE, SINGLE HEAD
	POLE MOUNTED LUMINAIRE, DOUBLE HEAD
	POLE MOUNTED LUMINAIRE, TRIPLE HEAD
	POLE MOUNTED LUMINAIRE, QUAD HEAD
	IN GRADE LUMINAIRE
	PATHWAY LUMINAIRE
	LANDSCAPE FIXTURE
	JUNCTION BOX
PC	PHOTOCELL FOR EXTERIOR APPLICATIONS
MS	COMBINATION MOTION AND DAYLIGHT SENSOR
LN	LIGHTING CONTROL NETWORK DEVICE
DT	DIGITAL TIMER SWITCH
MS	MOTION SENSOR SWITCH
LV	LOW VOLTAGE SWITCH
DM	DIMMER MASTER SWITCH
D	DIGITAL DIMMING SWITCH
G	GRAPHICAL TOUCH SCREEN - LIGHTING CONTROL STATION
	THERMOSTAT WITH A 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE
	LIGHTING CONTROL PANEL - SURFACE MOUNTED
	PANELBOARD - RECESSED MOUNTED
	PANELBOARD - SURFACE MOUNTED
	DISTRIBUTION PANEL/ BOARD
S	SINGLE POLE SWITCH, DEVICE SHALL BE MOUNTED +48" MAX AND +36" MIN FROM THE CENTER OF DEVICE:
S^3	SWITCH 3-WAY (48" AFF MAXIMUM)
S^T	TIMER SWITCH (48" AFF MAXIMUM)
S^{ab}	DUAL SWITCH (48" AFF MAXIMUM)

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
1/C	SINGLE CONDUCTOR
&	AND
@	AT
A OR AMP	AMPERES
ABV	ABOVE
A.C.	ASPHALT CONCRETE
AF	AMPERE FUSE RATING
AFC	AVAILABLE FAULT CURRENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
APPROX.	APPROXIMATE
ARCH.	ARCHITECT; ARCHITECTURAL
AS	AMPERE SWITCH RATING
ASCC	AVAILABLE SHORT CIRCUIT CURRENT
ATC	AIR TERMINAL CHAMBER
ATO	AUTOMATIC THROW-OVER (SWITCH)
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
BAT	BATTERY
BEL	BELOW
BKBD	BACKBOARD
BKR	BREAKER
BLDG	BUILDING
B.S.	BARE STRANDED
C	CONDUIT
CB	CIRCUIT BREAKER
CC	CONSTANT CURRENT
CEC	CALIFORNIA ELECTRICAL CODE
CF	CUBIC FEET
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
C.O.	CONDUIT ONLY WITH PULL WIRE
COL	COLUMN
CP	COMMUNICATION PROCESSOR
CPT	CONTROL POWER TRANSFORMER
CR	CONTROL RELAY
CSFD	COMBINATION SMOKE FIRE DAMPER
CT	CURRENT TRANSFORMER
CW	COLD WATER
CU	COPPER
DIAG	DIAGRAM
DIST.	DISTANCE
DL	DAMP LOCATION LISTING
DM	DIGITAL METER
DMM	DIGITAL METER MODULE
DP	DISTRIBUTION PANEL
DIST.	DISTANCE
DWG	DRAWING
DWP	DEPARTMENT OF WATER & POWER
EA	EACH
ECM	ELECTRONIC CIRCUIT MONITOR
ELEC.	ELECTRICAL
EM	EMERGENCY
EMH	ELECTRICAL MANHOLE
EMT	ELECTRICAL METALLIC TUBING
EPO	EMERGENCY POWER OFF
EPR	ETHYLENE PROPYLENE RUBBER
EQUIP	EQUIPMENT
ER	EXISTING TO BE REMOVED
ERR	EXISTING TO BE RELOCATED AND - RECONNECTED
EXIST/(E)	EXISTING
EXP	EXPLOSION PROOF
FA	FIRE ALARM
FFE	FINISHED FLOOR ELEVATION
FIN.	FINISH
FIP.	FIELD INTERFACE PANEL
FIXT	FIXTURE
FLA	FULL LOAD AMPS
FLR	FLOOR
FLUOR	FLUORESCENT
FT	FEET
FACP	FIRE ALARM CONTROL PANEL
FATC	FIRE ALARM TERMINAL CABINET
FMC	FLEXIBLE METAL CONDUIT
FO	FIBER OBTIC
FTG	FOOTING
GEN	GENERATOR
GFI	GROUND FAULT INTERRUPTER
GFR	GROUND FAULT RELAY
GG	GREEN GROUND
GND	GROUND
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HT	HEIGHT
HTR	HEATER
HZ	HERTZ
ICON	INTEGRATED COMMUNICATIONS OPTICAL - NETWORK
IE	INVERT ELEVATION
IED	INTELLIGENT ELECTRONIC DEVICES
IMC	INTERMEDIATE METAL CONDUIT
ISC	SHORT CIRCUIT CURRENT
INCAND	INCANDESCENT
J. JB. J-BOX	JUNCTION BOX
KCMIL	THOUSAND CIRCULAR MILS
KV	KILOVOLT
KVA	KILOVOLT-AMPERES

ABBREVIATION	DESCRIPTION
KW	KILOWATT
LF	LINEAR FEET
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
LGST	LARGEST
LIS	LOAD INTERRUPTER SWITCH
LOC.	LOCATION
LOTO	LOCK-OUT & TAG-OUT
LSI	LONG TERM, SHORT TERM, INSTANTANEOUS
LSIG	LONG TERM, SHORT TERM, INSTANTANEOUS GROUNDING
LTG	LIGHTING
LV	LOW VOLTAGE
M	METER
MAX	MAXIMUM
MCA	MAXIMUM CIRCUIT AMPACITY
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTOR
MFGR, MFR	MANUFACTURER
MH	MANHOLE
MI.	MECHANICAL INTERLOCK
MRCT	MULTI-RATIO CURRENT TRANSFORMER
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
MTD	MOUNTED
MTG	MOUNTING
MTR	MOTOR
MTTB	MAIN TELEPHONE TERMINAL BOARD
MV	MEDIUM VOLTAGE
N	NORTH
NAC	NOTIFICATION APPLIANCE CIRCUIT
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NF	NON-FUSED
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT- 24HRS ON
NO.	NUMBER
OC	ON CENTER
OCPD	OVERCURRENT PROTECTIVE DEVICE
OD	OUTSIDE DIAMETER
OE	OVERHEAD ELECTRICAL
OFC	OIL FUSED CUTOUT
OH	OVERHEAD
OL	OIL LEVER SWITCH
P	POLE
PAC	PROGRAMMABLE AUTOMATION CONTROLLER
PB	PULL BOX
PC	PHOTOCELL
PCB	POLYCHLORINATED BIPHENYL
PDS	PRESSURE DIFFERENTIAL SWITCH
PF	POWER FACTOR
PH OR Ø	PHASE
PILC	PAPER INSULATED, LEAD COVER
PIV	POST INDICATING VALVE
PL	PLATE
PLC	PROGRAMMABLE LOGIC CONTROLLER
PNL	PANEL
POC	POINT OF CONNECTION
PREF.	PREFERRED
PRI.	PRIMARY
PVC	POLY-VINYL CHLORIDE
PWR	POWER
REC/RECEPT	RECEPTACLE
REQ'D	REQUIRED
RGS	RIGID GALVANIZED STEEL
RMC	RIGID METAL CONDUIT
RPBP	REDUCED PRESSURE BACK FLOW PREVENTER
RM	ROOM
RTAC	REAL TIME AUTOMATION CONTROLLER
SCCR	SHORT CIRCUIT CURRENT RATING
SCE	SOUTHERN CALIFORNIA EDISON
SF	SQUARE FEET
SHT	SHEET
SIG.	SIGNAL
SP	SPARE
SPECS	SPECIFICATIONS
ST	STREET
STD	STANDARD
STP	SHIELDED TWISTED PAIR
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SWST	SWITCHING STATION
TB	TERMINAL BLOCK
TEL./TELE	TELEPHONE
TMH	TELEPHONE MANHOLE
T.O.D.	TOP OF DUCTBANK
T.O.M.	TOP OF MANHOLE
TPS	TWISTED SHIELDED PAIR
TRANSF,XFMR	TRANSFORMER
TS	TAMPER SWITCH
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT-AMPERES
VB	VIBRATION SWITCH
VFD	VARIABLE FREQUENCY DRIVE
W	WATTS
W/	WITH
W/O	WITHOUT
WCR	WITHSTAND CLOSE-ON RATING
WP	WEATHERPROOF
Z	IMPEDANCE

IN THE EVENT ABBREVIATIONS NOT MENTIONED HEREIN ARE USED, REFERENCE WILL BE MADE TO ANSI Y1.1, MILITARY STANDARD ABBREVIATIONS, AND OTHER STANDARD INDUSTRY CONVENTIONS.

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE CALIFORNIA ELECTRICAL CODE AND ALL OTHER APPLICABLE FEDERAL AND STATE. WHERE THE CONSTRUCTION DOCUMENTS INDICATE MORE RESTRICTIVE REQUIREMENTS, THE CONSTRUCTION DOCUMENTS SHALL GOVERN BUT THE CONSTRUCTION DOCUMENTS SHALL NOT BE INTERPRETED AS AUTHORITY TO VIOLATE ANY CODE OR REGULATION.
2. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BEAR THE UNDERWRITERS' LABEL (UL) AND SHALL BE INSTALLED IN THE MANNER FOR WHICH THEY ARE DESIGNED AND APPROVED.
3. THE CONTRACTOR SHALL NOT BORE, NOTCH OR IN ANY WAY CUT INTO ANY STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT OR STRUCTURAL ENGINEER.
4. MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT ANCHORAGE NOTES:

   ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCES AND DISPLACEMENT REQUIREMENTS.

   A. ALL PERMANENT EQUIPMENT AND COMPONENTS.

   B. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.

   C. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

   THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENT SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

   A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORTS THE COMPONENT.

   B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

   FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.
5. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTES:

   PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN LATEST SECTIONS OF CBC AND ASCE.

   THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPM #) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

   COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS.

   THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

SHEET INDEX

SHEET	DESCRIPTION
E0.1	GENERAL NOTES, LEGEND, ABBREVIATIONS AND SHEET INDEX
E0.2	SCHEDULES
E1.0	OVERALL SITE PLAN
E2.0	SITE POWER AND LIGHTING PLAN
E3.0	DETAILS
E4.0	TITLE 24 ENERGY COMPLIANCE FORMS

rrm design group

NOTE:
WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.

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MARK	BY	DATE	REVISIONS	APPR.	DATE

ENGINEER — CITY

CITY OF WILDOMAR
ACCEPTED BY:
Date:
Daniel A. York, Director of Public Works/ City Engineer, PE 43212
ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
(engineer stamp)

P2S ENG
Long Beach | Los Angeles
San Diego | San Jose
p2sinc.com
PREPARED BY: _____
R.C.E. No. _____ EXP. _____

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THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
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SCALE:
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PP, CUP, PM, TM, etc. Project XX-XXXX
CITY OF WILDOMAR
(project name, map schedule, etc.)
General Notes, Legend, Abbreviations and Sheet Index

SHEET No. E0.1
OF # SHTS

Plans Prepared On: MM/DD/YYYY

P2S No. 22-0288

LIGHT FIXTURE SCHEDULE

TYPE	FIXTURE DESCRIPTION	MANUFACTURER & MODEL	TOTAL V-A	LAMP TYPE	LUMENS	COLOR TEMP	CRI	VOLTAGE	MTG	REMARKS
P1-2	14' HEIGHT PEDESTRIAN AREA LIGHT WITH STEEL AND WOOD POLE, ALUMINUM ARM AND BELL SHAPE HEAD WITH 6000 LUMENS,TYPE 2 OPTIC, 0-10V DIMMING AND MOTION SENSOR.	POLE- STRUCTURA: BEAM-POLE HEIGHT-SIZE-ANCHOR-FINISH-A14-WOOD FINISH-STD ARM-STRUCTURA: PLAZA-FIXTURE-24-FINISH-SQR HEAD: EMM-F03-LED-E1-T2-SO-BL-COLOR-8030-MOTION SENSOR-ACCESSORY	79	LED	6165	3000K	80	277	PO	KEY NOTE #1
P1-4	14' HEIGHT PEDESTRIAN AREA LIGHT WITH STEEL AND WOOD POLE, ALUMINUM ARM AND BELL SHAPE HEAD WITH 6000 LUMENS,TYPE 4 OPTIC, 0-10V DIMMING AND MOTION SENSOR.	POLE- STRUCTURA: BEAM-POLE HEIGHT-SIZE-ANCHOR-FINISH-A14-WOOD FINISH-STD ARM-STRUCTURA: PLAZA-FIXTURE-24-FINISH-SQR HEAD: EMM-F03-LED-E1-T4-SO-BL-COLOR-8030-MOTION SENSOR-ACCESSORY	79	LED	6050	3000K	80	277	PO	
U1	IP69 RATED 9" ROUND IN-GRADE IN LANDSCAPE UPLIGHT WITH 1500 LUMENS, MEDIUM ADJUSTABLE OPTIC, SOFTENING LENS AND 0-10V DIMMING.	WE-EF: ETC130-GB LED-185-2446-SOFTENING LENS-MOUNTING IN LANDSCPAE. INTEGRAL 0-10V DRIVER	21	LED	2000	3000K	80	277	U	

GENERAL NOTES:

1. VERIFY FINISHES WITH ENGINEER PRIOR TO ORDERING.
2. REFER TO MANUFACTURER'S MOUNTING INSTRUCTIONS FOR INSTALLATION.

KEY NOTES:

1. PROVIDE ALL MOUNTING HARDWARE REQUIRED FOR A COMPLETE INSTALLATION.

MOUNTING ABBREVIATIONS:
PO = POLE

PANEL: A1 (NEW)

LOCATION : OUTDOOR
FLOOR : -
MOUNTING : PEDESTAL

VOLTAGE/ PHASE : 120/208V, 3Ø, 4W
BUS AMPS : 100A
MAIN BREAKER : M.L.O.

FED FROM :
MINIMUM BUS BRACING :

LOADS	SEE NOTE	*	OUTLETS LTG	OUTLETS REC	OUTLETS MISC	VOLT-AMPS A	VOLT-AMPS B	VOLT-AMPS C	CKT	BKR/ POLE	BKR/ A B C	BKR/ POLE	CKT	VOLT-AMPS A	VOLT-AMPS B	VOLT-AMPS C	OUTLETS LTG	OUTLETS REC	OUTLETS MISC	*	SEE NOTE	LOADS
PARKING LOT LTS			7			553			1	20/1	* - -	20/1	2									SPARE
IRRIGATION CTL					1		21		3	20/1	- * -	20/1	4									SPARE
SPARE									5	20/1	- - *		6									SPACE
SPARE									7	20/1	* - -		8									SPACE
SPACE									9		- * -		10									SPACE
SPACE									11		- - *		12									SPACE

TOTAL ØA = 553 VOLT-AMPS
TOTAL ØB = 21 VOLT-AMPS
TOTAL ØC = 0 VOLT-AMPS
LCL = 0 VOLT-AMPS

TOTAL PANEL = 574 VA @ 208V, 3Ø = 2 AMPS

NOTES:
* "L" DENOTES LONG CONTINUOUS LOAD
1. PROVIDE NEW CIRCUIT BREAKER, TYPE AND RATING TO MATCH EXISTING

LCP-1 LIGHTING CONTROL SCHEDULE

RELAY	AREA CONTROLLED	CONTROL TYPE	PHOTOCELL	TIME CLOCK	CIRCUIT
1.	SITE PARKING	ON/ OFF	ON	OFF	A1-1
2.	SPARE				
3.	SPARE				
4.	SPARE				

rrm design group

NOTE:
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ENGINEER CITY

CITY OF WILDOMAR
ACCEPTED BY:
Date:
Daniel A. York, Director of Public Works/ City Engineer, PE 43212
ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
(engineer stamp)

P2S ENG
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p2sinc.com
PREPARED BY: _____
R.C.E. No. _____ EXP. _____

BENCHMARK:
Elevation = _____
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BENCHMARK # _____
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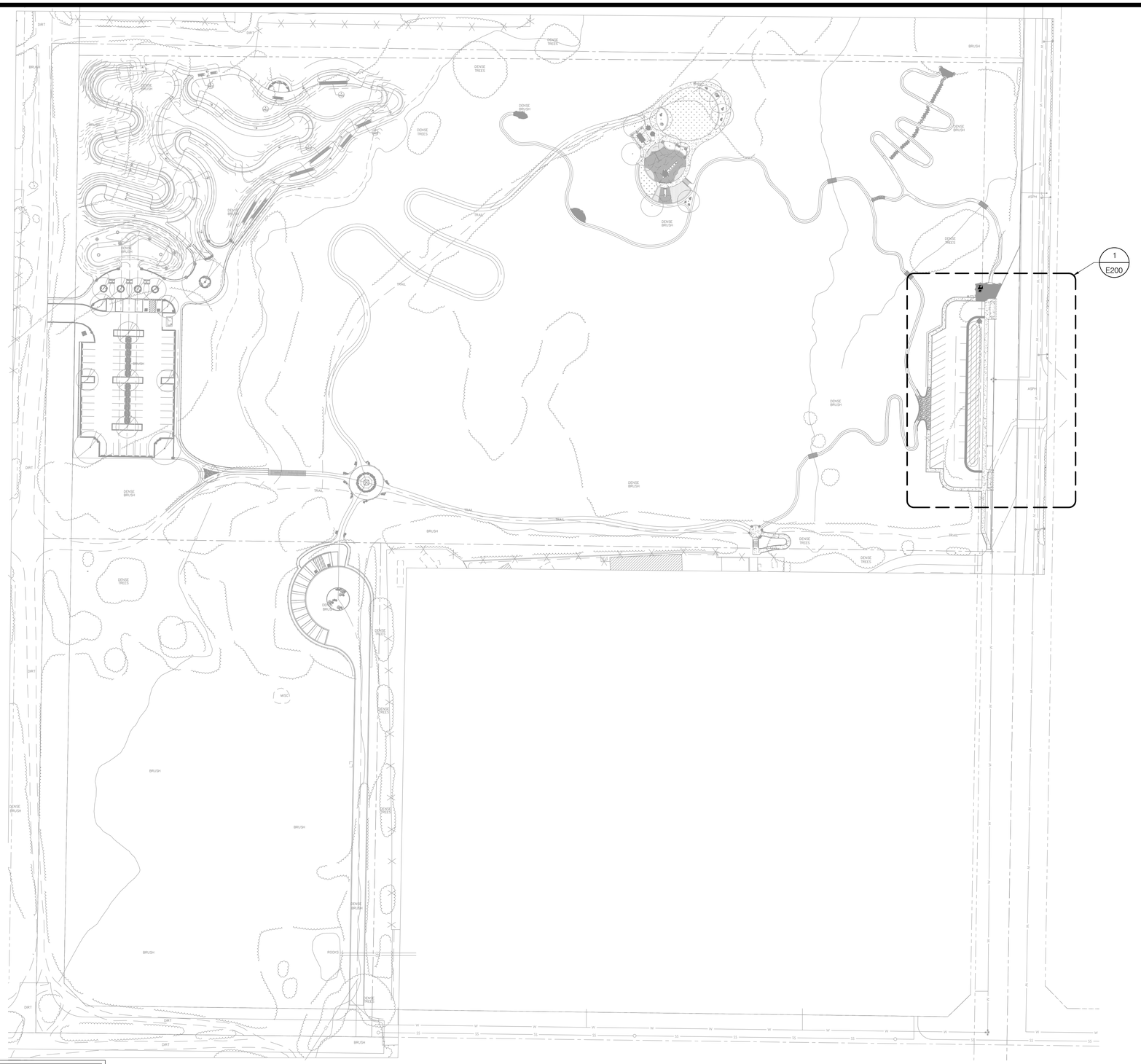
PP, CUP, PM, TM, etc. Project XX-XXXX
CITY OF WILDOMAR
(project name, map schedule, etc.)
Schedules

SHEET No.
E0.2
OF # SHTS

Plans Prepared On: MM/DD/YYYY
P2S No. 22-0288



SCALE: 1" = 80'
0 80

rrm design group

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CITY OF WILDOMAR

(project name, map schedule, etc.)

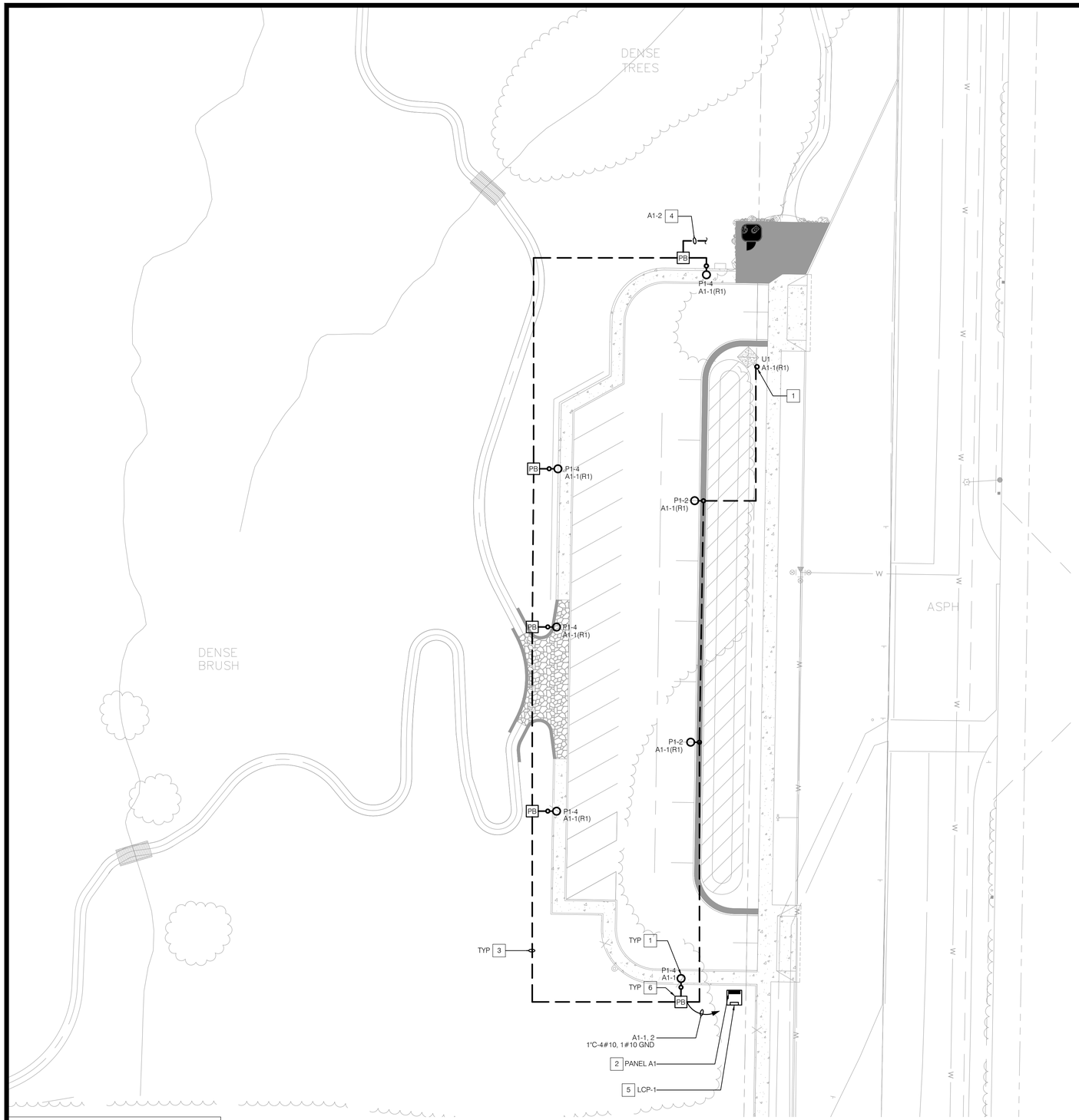
Overall Site Plan

SHEET No.
E1.0

OF # SHTS

Plans Prepared On: MM/DD/YYYY

P2S No. 22-0288



NOTES

1. PROVIDE POLE MOUNTED LED LIGHT FIXTURE. REFER TO FIXTURE SCHEDULE, SHEET E0.2 FOR TYPE.
2. 120V POWER PEDESTAL BY OTHERS.
3. PROVIDE 1"C-4#10, 1#10 GND. AS REQUIRE TO SERVE PROPOSED LIGHT FIXTURES AND IRRIGATION CONTROLLER.
4. PROVIDE 1"C-2#10, 1#10 GND CONNECTION TO IRRIGATION CONTROLLER. REFER TO LANDSCAPE DRAWINGS FOR LOCATION.
5. PROVIDE 4 CIRCUIT RELAY PANEL IN NEMA 1 ENCLOSURE, NLIGHT #ARP-INTENC08NLT- 4SPR-MVOLT-X-HLK-SM-DTC. PROVIDE LOW VOLTAGE SWITCH NLIGHT #NPODMA-2P-X-X-WH-X LOW. REFER TO WIRING DIAGRAM 2, SHEET E3.0. ROUTE LIGHTING CIRCUIT THROUGH NEW RELAY PANEL.
6. PROVIDE INGROUND PULLBOX. REFER TO DETAIL 1, SHEET E3.0.

SCALE: 1" = 20'
0 20

rrm design group

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ENGINEER				CITY	

CITY OF WILDOMAR
ACCEPTED BY:
Date:
Daniel A. York, Director of Public Works/ City Engineer, PE 43212
ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:
(engineer stamp)

P2S ENG
Long Beach | Los Angeles
San Diego | San Jose
p2sinc.com
PREPARED BY:
R.C.E. No. EXP.

BENCHMARK:
Elevation = _____
Datum = _____
BENCHMARK # _____
THIS SURVEY WAS PERFORMED ON (date) BY (surveyor)
L.S. (number), EXP. (date)
SCALE:
H: As Noted V: As Noted

PP, CUP, PM, TM, etc. Project XX-XXXX
CITY OF WILDOMAR
(project name, map schedule, etc.)
Site Power and Lighting Plan

SHEET No.
E2.0
OF # SHTS

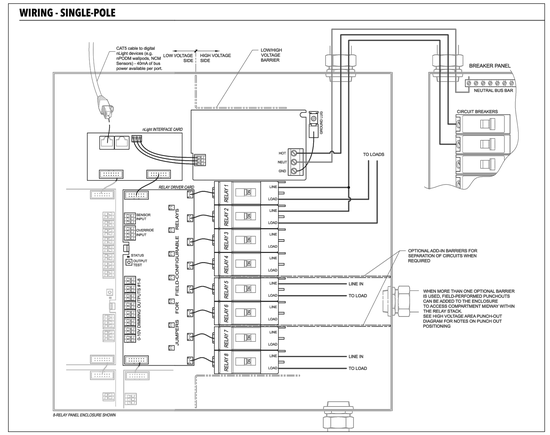
Plans Prepared On: MM/DD/YYYY

P2S No. 22-0288

NOTES

1 PROVIDE 120V TO SERVE NEW RELAY PANEL.

WIRING - SINGLE-POLE



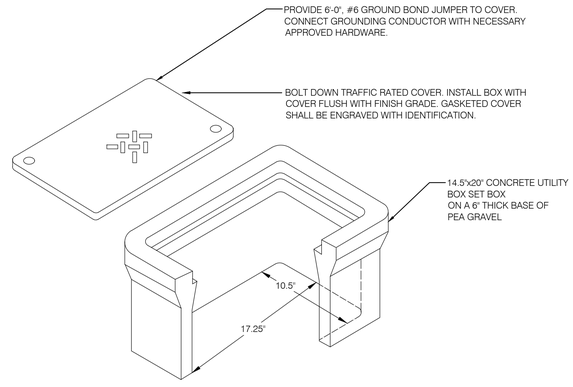
6 -
NO SCALE

4 -
NO SCALE

2 LIGHTING CONTROL WIRING DIAGRAM
NO SCALE

NOTES

1. PULL BOX BASE: SET ON PEA GRAVEL BASE BENEATH PULL BOX. (PROVIDE EXTENSIONS AS REQ'D. IN FIELD) MIN. OF (1) EXTENSION.
2. POUR 4" CONCRETE OR AC PATCH PAD AROUND EACH PULL BOX TO PREVENT SINKING BELOW GRADE, AND SLURRY COAT AROUND. SEE SECTION A-A.
3. PROVIDE 6'-0", #6 GROUND BOND JUMPER TO COVER FROM SERVICE GROUND CONDUCTOR WITH NECESSARY APPROVED HARDWARE.
4. WATER TIGHT INSTALLATION-FOAM SEAL CONDUIT OPENINGS.



5 -
NO SCALE

3 -
NO SCALE

1 PULLBOX DETAIL
NO SCALE

rrm design group

NOTE:
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ENGINEER CITY

CITY OF WILDOMAR
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SCALE: H: As Noted V: As Noted

PP, CUP, PM, TM, etc. Project XX-XXXX
CITY OF WILDOMAR
(project name, map schedule, etc.)
Details

SHEET No.
E3.0
OF # SHTS

Plans Prepared On: MM/DD/YYYY
P2S No. 22-0288

rrm design group

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		ENGINEER		CITY	

CITY OF WILDOMAR

ACCEPTED BY:

Date:

Daniel A. York, Director of Public Works/ City Engineer, PE 43212

ACCEPTANCE AS TO CONFORMANCE WITH APPLICABLE CITY STANDARDS AND PRACTICES

SEAL-ENGINEER:

(engineer stamp)

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PP, CUP, PM, TM, etc. Project XX-XXXX

CITY OF WILDOMAR

(project name, map schedule, etc.)

Title 24 Energy Compliance Forms

SHEET No.

E4.0

OF # SHTS

Plans Prepared On: MM/DD/YYYY

P2S No. 22-0288