Copart 10 Acre Sublot Amendment to Conditions for Time Extension

Community Services Department
Planning and Building
AMENDMENT OF CONDITIONS
APPLICATION



Community Services Department Planning and Building 1001 E. Ninth St., Bldg. A Reno, NV 89512-2845

Telephone: 775.328.6100

Amendment of Conditions Development Application Submittal Requirements

Applications are accepted on the 8th of each month. If the 8th falls on a non-business day, applications will be accepted on the next business day.

- X 1. Fees: See Master Fee Schedule. Most payments can be made directly through the OneNV.us portal. If you would like to pay by check, please make the check payable to Washoe County and bring your application and payment to the Community Services Department (CSD).
- X 2. Development Application: A completed Washoe County Development Application form.
- X 3. Owner Affidavit: The Owner Affidavit must be signed and notarized by all owners of the property subject to the application request.
- X 4. Proof of Property Tax Payment: The applicant must provide a written statement from the Washoe County Treasurer's Office indicating all property taxes for the current quarter of the fiscal year on the land have been paid.
- X 5. Application Materials: The completed Amendment of Conditions Application materials.
- X 6. Site Plan Specifications: 11" X 17" copies of Building permit civil and landscape plans provided (WBLD21-105404)
 - a. Lot size with dimensions drawn using standard engineering scales (e.g. scale 1" = 100', 1" = 200', or 1" = 500') showing all streets and ingress/egress to the property.
 - b. Show the location and configuration of all proposed buildings (with distances from the property lines and from each other), all existing buildings that will remain (with distances from the property lines and from each other), all existing buildings that will be removed, and site improvements on a base map with existing and proposed topography expressed in intervals of no more than five (5) feet.
 - c. Show the location and configuration of wells, septic systems and leach fields, overhead utilities, water and sewer lines, and all easements.
 - d. Show locations of parking, landscaping, signage and lighting.
- Application Map Specifications: Map to be drawn using standard engineering scales (e.g. scale 1" = 100', 1" = 200', or 1" = 500') clearly depicting the area subject to the request, in relationship to the exterior property lines. All dimensions and area values shall be clearly labeled and appropriate symbols and/or line types shall be included in the map legend to depict the map intent.
 - NA 8. Building Elevations: All buildings and structures, including fences, walls, poles, and monument signs proposed for construction within the project shall be clearly depicted in vertical architectural drawings provided in accurate architectural scale. Architectural elevations of <u>all building faces</u> shall be presented.
 - X 9. Submission Packets: One (1) packet and a flash drive. Any digital documents need to have a resolution of 300 dpi. If materials are unreadable, you will be asked to provide a higher quality copy. The packet shall include one (1) 8.5" x 11" reduction of any applicable site plan, development plan, and/or application map. Labeling on these reproductions should be no smaller than 8 point on the 8.5" x 11" display. Large format sheets should be included in a slide pocket(s). Any specialized reports identified above shall be included as attachments or appendices and be annotated as such.

Notes:

- (i) Application and map submittals must comply with all specific criteria as established in the Washoe County Development Code and/or the Nevada Revised Statutes.
- (ii) Appropriate map engineering and building architectural scales are subject to the approval of the Planning and Building and/or Engineering and Capital Projects.

- (iii) All oversized maps and plans must be folded to a 9" x 12" size.
- (iv) Based on the specific nature of the development request, Washoe County reserves the right to specify additional submittal packets, additional information and/or specialized studies that clarify the potential impacts and potential conditions of development in order to minimize or mitigate impacts resulting from the project. No application shall be processed until the information necessary to review and evaluate the proposed project is deemed complete by the Director of Planning and Building.
- (v) **Labels:** If the assigned planner determines the abandonment will affect the access to a mobile home park, the applicant will be required to submit a list of mailing addresses for every tenant residing in the mobile home park.

Washoe County Development Application

Your entire application is a public record. If you have a concern about releasing personal information, please contact Planning and Building staff at 775.328.6100.

Project Information s		Staff Assigned Case No.:		
Project Name:				
Project Description:				
Project Address:				
Project Area (acres or square fe	et):			
Project Location (with point of reference to major cross streets AND area locator):				
Assessor's Parcel No.(s):	Parcel Acreage:	Assessor's Parcel No.(s):	Parcel Acreage:	
Indicate any previous Washo Case No.(s).	oe County approval	s associated with this applica	tion:	
Applicant Information (attach additional sheets if necessary)				
Property Owner:		Professional Consultant:		
Name:		Name:		
Address:		Address:		
	Zip:		Zip:	
Phone:	Fax:	Phone:	Fax:	
Email:		Email:		
Cell: Other:		Cell: Other:		
Contact Person:		Contact Person:		
Applicant/Developer:		Other Persons to be Contacted:		
Name:		Name:		
Address:		Address:		
	Zip:		Zip:	
Phone: Fax:		Phone: Fax:		
Email:		Email:		
Cell: Other:		Cell:	Other:	
Contact Person:		Contact Person:		
	For Office	e Use Only		
Date Received: Initial:		Planning Area:		
County Commission District:		Master Plan Designation(s):		
CAB(s):		Regulatory Zoning(s):		

ENTITY INFORMATION ENTITY INFORMATION Entity Name: COPART OF ARIZONA, INC. **Entity Number:** C6295-1998 **Entity Type:** Foreign Corporation (80) **Entity Status:** Active **Formation Date:** 03/23/1998 **NV Business ID:** NV19981177286 **Termination Date:** Perpetual **Annual Report Due Date:** 3/31/2023 **Domicile Name:** Jurisdiction: Arizona

REGISTERED AGENT INFORMATION

Name of Individual or Legal Entity:
CORPORATION SERVICE COMPANY
Status:
Active
CRA Agent Entity Type:
Registered Agent Type:
Commercial Registered Agent
NV Business ID:
NV20101844335
Office or Position:
Jurisdiction:
DELAWARE
Street Address:
112 NORTH CURRY STREET, Carson City, NV, 89703, USA
Mailing Address:
Individual with Authority to Act:
Not Available
Fictitious Website or Domain Name:

OFFICER INFORMATION

☐ VIEW HISTORICAL DATA

Title	Name	Address	Last Updated	Status
President	JEFFREY LIAW	14185 DALLAS PARKWAY, SUITE 300, DALLAS, TX, 75254, USA	02/02/2021	Active
Treasurer	STEPHEN T POWERS	14185 DALLAS PARKWAY, SUITE 300, DALLAS, TX, 75254, USA	02/02/2021	Active
Director	STEPHEN T POWERS	14185 DALLAS PARKWAY, SUITE 300, DALLAS, TX, 75254, USA	02/02/2021	Active

Title	Name	Address	Last Updated Sta	ıtus
Director	JEFFREY LIAW	14185 DALLAS PARKWAY, SUITE 300, DALLA TX, 75254, USA	AS, 02/02/2021 Act	ive
Secretary	GREGORY R DEPASQUALE	14185 DALLAS PARKWAY, SUITE 300, DALLA TX, 75254, USA	AS, 03/04/2019 Act	ive
< Previou	s 1 2 Next >	Page 1 of 2, records 1 to 5 of 6 Go to Page		
CURREN ⁻	T SHARES			
Class/Ser	ies Type	Share Number	Value	
		No records to view.		
O Unlimit	ed Foreign Entities Only			
O No Sto	ck Foreign Entities Only			
	f No Par Value Shares:			
100000				
Total Auth	orized Capital:			
100,000				
		Filing History Name History	Mergers/Conversion	าร

Return to Search Return to Results

Amendment of Conditions Application Supplemental Information

(All required Information may be separately attached)

Required Information

- 1. The following information is required for an Amendment of Conditions:
 - a. Provide a written explanation of the proposed amendment, why you are asking for the amendment, and how the amendment will modify the approval.

	b.	Identify the specific Condition or Conditions that you are requesting to amend.
	C.	Provide the requested amendment language to each Condition or Conditions, and provide both the <i>existing</i> and <i>proposed</i> condition(s).
2.		scribe any potential impacts to public health, safety, or welfare that could result from granting the lendment. Describe how the amendment affects the required findings as approved.

Copart 10 Acre Sublot – Amendment to Condition for Time Extension

Request Description

This request to amend condition 1.c from the approval of WSUP20-0027 is made due to delays in working with Union Pacific Railroad (UPRR) for the formal permit approval for the rail crossing improvements. Condition 1.o. from the county approval requires that documentation of the applicant's right to traverse the UPRR line be provided prior to the approval of any building permit for the project. Significant work and coordination have been accomplished with UPRR inclusive of design of the crossing improvements to meet the UPRR standards and requirement, however UPRR's process can be very slow. The project applicant had been previously informed by UPRR that the final approval of our permit would likely come in September of 2022, but that did not occur. We are hopeful for the permit to be approved soon but cannot jeopardize our Washoe County approval while awaiting the final permit approval.

To safeguard the County approval in light of this outside party approval that is out of the control of the applicant, it is requested that condition #1.c be amended. The specific request is to change the current date/deadline for approval of initial building permits from February 4, 2023 to February 4, 2025. This request equates to a two-year extension of time. We are very hopeful that the UPRR permit approval is provided very soon. However, since we have no control over the review and approval timeframe of UPRR, we have requested a two-year extension to provide (what we feel) is more than sufficient time to assure that the UPRR approval can be provided, allowing for the issuance of the building permit by Washoe County. We do not want to find ourselves in the situation where we must come back to request additional time should a shorter timeframe be requested or approved.

Following is the identification of the existing and proposed condition language.

Existing Condition Language

1.c The applicant shall submit construction plans, with all information necessary for comprehensive review by Washoe County, and initial building permits shall be issued on or before February 4, 2023. The applicant shall complete construction within the time specified by the building permits. Compliance with this condition shall be determined by the Planning and Building Division.

Proposed Condition Language

1.c The applicant shall submit construction plans, with all information necessary for comprehensive review by Washoe County, and initial building permits shall be issued on or before <u>February 4, 2025</u>. The applicant shall complete construction within the time specified by the building permits. Compliance with this condition shall be determined by the Planning and Building Division.



WASHOE COUNTY

COMMUNITY SERVICES DEPARTMENT Planning and Building

1001 EAST 9TH STREET RENO, NEVADA 89512-2845 PHONE (775) 328-6100 FAX (775) 328.6133

Board of Adjustment Action Order Special Use Permit Case Number WSUP20-0027 (Copart Sublot)

Decision: Approval with Conditions

Decision Date: February 4, 2021

Mailing/Filing Date: February 10, 2021

Applicant: Copart of Arizona, Inc.

Assigned Planner: Roger Pelham, Senior Planner

Washoe County Community Services Department

Planning and Building Division

Phone: 775.328.3622

E-Mail: rpelham@washoecounty.us

Special Use Permit Case Number WSUP20-0027 (Copart Sublot) – For possible action, hearing, and discussion to approve a special use permit for Inoperable Vehicle Storage Use Type and to approve Major Grading in the amount of approximately 6,465 cubic yards and a disturbance of approximately 9.3 acres (approximately 405,336 square feet) and to eliminate all required landscaping in accordance with Article 412, Landscaping, and to eliminate all required pavement in accordance with Article 410, Parking and Loading on two parcels of land.

Applicant: Copart of Arizona, Inc
 Property Owner: White Lake Properties, LLC

Location:
 19905 Reno Park Boulevard, approximately ½ mile

southwest of its intersection with North Virginia Street

APN: 081-131-35 and 081-131-34
 Parcel Size: ± 10.268 and ± .057 acres

Master Plan: Industrial
 Regulatory Zone: Industrial
 Area Plan: Cold Springs
 Citizen Advisory Board: North Valleys

Development Code: Authorized in Article 302, Allowed Uses and Article 438

Grading

Commission District: 5 – Commissioner Herman

Notice is hereby given that the Washoe County Board of Adjustment granted approval with conditions for the above referenced case number based on the findings in accordance with Washoe County Development Code Article 302, Allowed Uses, and 810, Special Use Permit. If no appeals have been filed within 10 calendar days from the Mailing/Filing Date shown on this Action Order, the approval by the Washoe County Board of Adjustment is final. If filed, an appeal stays any further action on the decision until final resolution of the appeal. An appeal shall be filed in accordance with the provisions found in Article 912 of the Washoe County Development Code.







To: Copart of Arizona, Inc.

Subject: Special Use Permit Case Number WSUP20-0027

(Copart Sublot)

Date: February 10, 2021

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The action was based on the following findings in accordance with Washoe County Code Section 110.810:30:

- 1. Consistency. That the proposed use is consistent with the action programs, policies, standards and maps of the Master Plan and the Cold Springs Area Plan;
- 2. Improvements. That adequate utilities, roadway improvements, sanitation, water supply, drainage, and other necessary facilities have been provided, the proposed improvements are properly related to existing and proposed roadways, and an adequate public facilities determination has been made in accordance with Division Seven;
- 3. Site Suitability. That the site is physically suitable for the Inoperable Vehicle Storage use type and for Major Grading, and for the intensity of such a development;
- 4. Issuance Not Detrimental. That issuance of the permit will not be significantly detrimental to the public health, safety or welfare; injurious to the property or improvements of adjacent properties; or detrimental to the character of the surrounding area;
- 5. Effect on a Military Installation. Issuance of the permit will not have a detrimental effect on the location, purpose or mission of the military installation.

This Action Order is issued subject to the attached conditions and Washoe County development standards. Please contact the planner assigned to your project at the above-referenced phone number within 7 days of receipt of this Order to review the steps necessary to satisfy the Conditions of Approval. Any business license, certificate of occupancy, or final approval shall not be issued until all of the Conditions of Approval are satisfied. Additionally, compliance shall be required with all federal, state, and local statutes, ordinances, and regulations applicable to the approved project.

This Action Order does not authorize grading or building without issuance of the necessary permits from the Washoe County Planning and Building Division.

Washoe County Community Services Department Planning and Building Division

Trevor Lloyd

Trevor Lloyd

Secretary to the Board of Adjustment

TL/RP/df

Attachments: Conditions of Approval

Applicant: Copart of Arizona, Inc.

Attn: Amy Clark and Randy Racine 14185 Dallas Parkway, Suite 300

Dallas, TX 75254

To: Copart of Arizona, Inc.

Subject: Special Use Permit Case Number WSUP20-0027

(Copart Sublot)

Date: February 10, 2021

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Owner: White Lake Properties, LLC

Attn: Joel Coviello

18124 Wedge Parkway, Suite 207

Reno, NV 89511

Representatives: CFA, Inc

Attn: Dave Snelgrove 1150 Corporate Blvd, Reno, NV 89502

Action Order xc: Mike Large, District Attorney's Office; Keirsten Beck, Assessor's Office;

Rigo Lopez, Assessor's Office; Tim Simpson, Utilities; Leo Vesely, Engineering and Capital Projects; Dale Way, Truckee Meadows Fire Protection District; Nevada Division of Environmental Protection, 901 South Stewart Street, Suite. 4001, Carson City, NV 89701-5249; Regional Transportation Commission; Truckee Meadows Regional Planning

Agency; North Valleys Citizen Advisory Board



Conditions of Approval

Special Use Permit Case Number WSUP20-0027

The project approved under Special Use Permit Case Number WSUP20-0027 shall be carried out in accordance with the conditions of approval granted by the Board of Adjustment on February 4, 2021. Conditions of approval are requirements placed on a permit or development by each reviewing agency. These conditions of approval may require submittal of documents, applications, fees, inspections, amendments to plans, and more. These conditions do not relieve the applicant of the obligation to obtain any other approvals and licenses from relevant authorities required under any other act.

<u>Unless otherwise specified</u>, all conditions related to the approval of this special use permit shall be met or financial assurance must be provided to satisfy the conditions of approval prior to issuance of a grading or building permit. The agency responsible for determining compliance with a specific condition shall determine whether the condition must be fully completed or whether the applicant shall be offered the option of providing financial assurance. All agreements, easements, or other documentation required by these conditions shall have a copy filed with the County Engineer and the Planning and Building Division.

Compliance with the conditions of approval related to this special use permit is the responsibility of the applicant, his/her successor in interest, and all owners, assignees, and occupants of the property and their successors in interest. Failure to comply with any of the conditions imposed in the approval of the special use permit may result in the institution of revocation procedures.

Washoe County reserves the right to review and revise the conditions of approval related to this Special Use Permit should it be determined that a subsequent license or permit issued by Washoe County violates the intent of this approval.

For the purpose of conditions imposed by Washoe County, "may" is permissive and "shall" or "must" is mandatory.

Conditions of approval are usually complied with at different stages of the proposed project. Those stages are typically:

- Prior to permit issuance (i.e., grading permits, building permits, etc.).
- Prior to obtaining a final inspection and/or a certificate of occupancy.
- Prior to the issuance of a business license or other permits/licenses.
- Some "conditions of approval" are referred to as "operational conditions." These conditions must be continually complied with for the life of the project or business.

FOLLOWING ARE CONDITIONS OF APPROVAL REQUIRED BY THE REVIEWING AGENCIES. EACH CONDITION MUST BE MET TO THE SATISFACTION OF THE ISSUING AGENCY.

Washoe County Planning and Building Division

1. The following conditions are requirements of Planning and Building, which shall be responsible for determining compliance with these conditions.

Contact Name - Roger Pelham, 775.328.3622, rpelham@washoecounty.us

- a. The applicant shall attach a copy of the action order approving this project to all permits and applications (including building permits) applied for as part of this special use permit.
- b. The applicant shall demonstrate substantial conformance to the plans approved as part of this special use permit, and as required to be modified to comply with these conditions of approval. The Planning and Building Division shall determine compliance with this condition.
- c. The applicant shall submit construction plans, with all information necessary for comprehensive review by Washoe County, and initial building permits shall be issued on or before February 4, 2023. The applicant shall complete construction within the time specified by the building permits. Compliance with this condition shall be determined by the Planning and Building Division.
- d. A note shall be placed on all construction drawings and grading plans stating:

NOTE

Should any cairn or grave of a Native American be discovered during site development, work shall temporarily be halted at the specific site and the Sheriff's Office as well as the State Historic Preservation Office of the Department of Conservation and Natural Resources shall be immediately notified per NRS 383.170.

- d. A business license must be obtained for the new use, prior to any industrial activity on the subject site.
- e. The required screening fence shall be setback at least 5 feet from the property lines on the eastern and western sides of the site. The required screening fence shall be placed at the front yard setback line on the south. The fence shall be 8 feet in height. The fence shall be tan, sage, or another color acceptable to the Director of Planning and Building that blends in with the surrounding topography. The fence shall be constructed of metal panels as noted in the application materials. Barbed wire may not be installed above the metal panels.
- f. Landscaping shall consist of one evergreen tree for each 20 feet of site frontage on Reno Park Boulevard. Trees may be clustered for a more natural appearance. The trees shall be placed between the screening fence and the property line, adjacent to the roadway. Permanent irrigation shall be provided to all trees in accordance with Article 412.
- g. All disturbed areas shall be permanently stabilized with native vegetation, including the required landscape area adjacent to Reno Park Boulevard. Temporary irrigation shall be provided to all disturbed areas for a period of not less than three years, and for as long as necessary until the disturbed areas contain native vegetation equal to 70 percent of native vegetation on adjacent, undisturbed areas.
- h. Plans for this project shall demonstrate compliance with all generally applicable Development Code requirements, with the exception of Landscaping, which shall be modified as noted in Conditions 1f and 1g.
- i. Grading shall include importation of fill on the south side of the project, such that the front yard setback area is raised in elevation approximately level with Reno Park Boulevard.
- j. No well may be drilled or utilized on this parcel for commercial purposes without the benefit of valid ground water rights as required and approved by the Nevada State Engineer's

- office. The applicant shall also be aware that the acquisition of any ground water rights in the Cold Springs Valley will be extremely challenging and may be impossible.
- k. Operation of the facility shall be limited to daylight hours only.
- I. All interior drive isles and driveways shall be permanently stabilized with asphalt surfacing acceptable to the County Engineer.
- m. All required parking areas shall be permanently stabilized with asphalt surfacing acceptable to the County Engineer, and in conformance with applicable standards of Article 412.
- n. The following **Operational Conditions** shall be required for the life of the business:
 - i. This special use permit shall remain in effect until or unless it is revoked or is inactive for one year.
 - ii. Failure to comply with any of the conditions of approval shall render this approval out of conformance and subject to revocation.
 - iii. The applicant and any successors shall direct any potential purchaser/operator of the site and/or the administrative permit to meet with Planning and Building to review conditions of approval prior to the final sale of the site and/or the administrative permit. Any subsequent purchaser/operator of the site and/or the administrative permit shall notify Planning and Building of the name, address, telephone number, and contact person of the new purchaser/operator within 30 days of the final sale.
 - iv. This special use permit shall remain in effect as long as the business is in operation and maintains a valid business license.
- o. Prior to approval of any building or grading permit for the proposed use, the applicant shall provide documentation, acceptable to Washoe County, that the applicant has a right to traverse the Union Pacific Railroad to access the subject site, for an industrial use.
- p. At least 8 parking spaces shall be provided on site (one of which will be an accessible parking space) to accommodate employees who will need to come to the site from time-to-time to move, pick-up or place a vehicle at the site. Should a formal building or structure be placed on the site in the future allowing employees to be based at this site for daily work, parking will need to be increased to meet the code requirement at the time of building permit submittal for the building/structure.

Washoe County Engineering and Capital Projects

2. The following conditions are requirements of the Engineering Division, which shall be responsible for determining compliance with these conditions.

Contact Name - Leo Vesely, P.E. (775) 328-2041

a. A complete set of construction improvement drawings, including an on-site grading plan/slope stabilization plan, shall be submitted when applying for a building/grading permit. Grading shall comply with best management practices (BMPs) and shall include detailed plans for grading, site drainage, erosion control (including BMP locations and installation details), slope stabilization, and mosquito abatement. Placement or removal of any excavated materials shall be indicated on the grading plan. Silts shall be controlled on-site and not allowed onto adjacent property.

- b. The applicant shall obtain from the Nevada Division of Environmental Protection a Stormwater Discharge Permit and submit a copy to the Engineering Division prior to issuance of a grading or building permit.
- c. The applicant shall complete and submit the Construction Permit Submittal Checklist and pay the Construction Stormwater Inspection Fee prior to obtaining a grading permit.
- d. A grading bond of \$2,000/acre of disturbed area shall be provided to the Engineering Division prior to any grading revegetation bond shall be provided to the Engineering Division prior to approval of the grading or building permit.
- e. All grading shall be in accordance with Washoe County Code Article 438 Grading Standards.
- f. The pavement on Reno Park Boulevard shall be extended to the project entry and shall meet Washoe County standards for private streets.
- g. All disturbed areas not covered with hardscape, gravel or road base shall be revegetated. Seed mix shall be designed by a licensed landscape architect.
- h. A drainage report prepared by a licensed engineer shall be submitted to the Engineering Division for review and approval. The report shall include the locations, points of entry and discharge, flow rates and flood limits of all 5- and 100-year storm flows impacting both the site and offsite areas and the methods for handling those flows. The report shall include all storm drain pipe and ditch sizing calculations and a discussion of and mitigation measures for any impacts on existing offsite drainage facilities and properties.
- i. Any increase in peak stormwater runoff flow rate resulting from the development and based on the 5 year and 100 storm(s) shall be detained onsite.

Truckee Meadows Fire Protection District

3. The following conditions are requirements of the Truckee Meadows Fire Protection District, which shall be responsible for determining compliance with these conditions.

Contact Name – Dale Way / Brittany Lemon, 775.326.6000, dway@tmfpd.us / blemon@tmfpd.us

a. The Truckee Meadows Fire Protection District (TMFPD) will require that this project meet all applicable requirements of Washoe County Code 60 to include infrastructure, access, and water for fire suppression.

*** End of Conditions ***

COPART - 10 ACRE SUBLOT

19905 RENO PARK BLVD. RENO, NV 89508 APN: 081-131-35

OWNER/DEVELOPER:

COPART, INC.

14185 DALLAS PARKWAY, SUITE 300 DALLAS, TX 75254

CIVIL ENGINEER:



GEOTECHNICAL ENGINEER

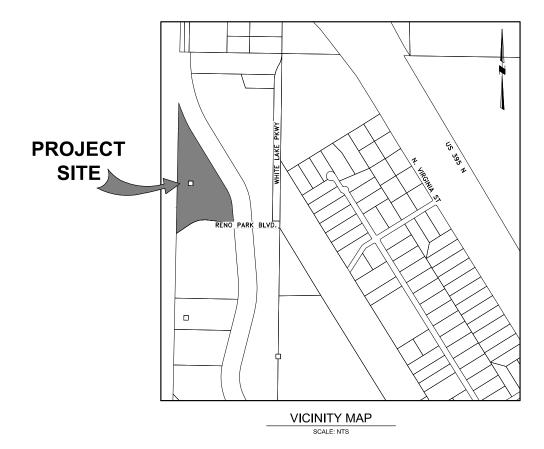
CORESTONE ENGINEERING 10751 GRAYSLAKE DR. RENO, NEVADA 89521

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS NEVADA STATE PLANE COORDINATE SYSTEM, WEST ZONE NADB3(94) BASED UPON WASHOE COUNTY STEAD (STEA) CORS BASE STATION COORDINATES AND DISTANCES SHOWN HEREON ARE AT GROUND LEVEL BASED ON A COMBINED GRID TO GROUND FACTOR OF 1.000197939.

BASIS OF ELEVATIONS

THE BASIS OF ELEVATIONS FOR THIS SURVEY IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED UPON GPS OBSERVATIONS UTILIZING GEIOD 99.



Sheet List Table

Sheet Number	Sheet Title
C1.0	TITLE SHEET
C1.1	GENERAL NOTES
C2.0	SITE PLAN
C3.0	GRADING PLAN
C4.0	SWPPP
C5.0	UTILITY PLAN
C5.1	UTILITY DETAILS
C5.2	UTILITY DETAILS
C6.0	CIVIL DETAILS
C6.1	CIVIL DETAILS
L1	LANDSCAPE COVER SHEET
L2	LANDSCAPE PLAN
L3	IRRIGATION PLAN
L4	LANDSCAPE AND IRRIGATION DETAILS



PERMIT RESUBMITTAL 04/05/2022

GENERAL NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE LATEST WASHOE COUNTY STANDARDS, THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), 2012 EDITION, AND THE STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION (SOPWC), LATEST EDITION, AS ADOPTED BY WASHOE COUNTY, AND SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER. ALL SPECIFICATIONS REFERENCED HEREIN REFER TO THE SSPWC UNLESS INDICATED OTHERWISE.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL, THROUGHOUT CONSTRUCTION, IN ACCORDANCE WITH APPLICABLE PARTS OF SPECIFICATION SECTION 332, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL SAFETY DURING CONSTRUCTION, AND ALL WORK SHALL CONFORM TO PERTINENT SAFETY REQULATIONS AND CODES. THE CONTRACTOR SHALL FENCE AND OR BARRICADE THE CONSTRUCTION AREA AS REQUIRED TO PROTECT ADJACENT SITES, VEHICULAR TRAFFIC, AND PEDESTRIAN TRAFFIC, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF OSHA AND NRS CHAPTER 6118, IN THE CONSTRUCTION PRACTICES FOR ALL EMPLOYEES DIRECTLY ENGAGED IN THE CONSTRUCTION PRACTICES.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND/OR PROTECTION OF ALL EXISTING AND PROPOSED PIPING, UTILITIES, TRAFFIC SIGNAL EQUIPMENT (BOTH ABOVE GROUND AND BELOW GROUND), STRUCTURES ADJACENT TO STREETS, AND ALL OTHER EXISTING IMPROVEMENTS THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR SHALL PURSUE WORK IN A CONTINUOUS AND DILIGENT MANNER TO ENSURE A TIMELY COMPLETION OF THE PROJECT.
- 6. ALL CONSTRUCTION SHALL BE CLOSELY COORDINATED WITH THE OWNER SO THAT THE QUALITY OF WORK CAN BE CHECKED FOR APPROVAL.
- 7. THE CONTRACTOR SHALL INCORPORATE ADEQUATE DRAINAGE PROCEDURES DURING THE CONSTRUCTION PROCESS TO ELIMINATE EXCESSIVE PONDING AND/OR EROSION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SITE IN A NEAT AND ORDERLY MANNER THROUGHOUT THE CONSTRUCTION PROCESS. ALL MATERIALS SHALL BE STORED WITHIN APPROVED CONSTRUCTION AREAS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUOUS DUST CONTROL THROUGHOUT THE CONSTRUCTION OF ALL ITEMS SHOWN ON THESE DRAWINGS IN CONFORMITY WITH SECTION 40.030 OF WASHOE COUNTY AIR POLLUTION REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REGULAR CLEANING OF ALL MUD, DIRT, DEBRIS, ETC., FROM ANY AND ALL ADJACENT STREETS AND SIDEWALKS.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AS REQUIRED BY WASHOE COUTNY. THE DUST CONTROL PERMIT SHALL BE AT THE CONTRACTOR'S EXPENSE.
- 11. ALL DIMENSIONS ARE TO FRONT FACE OF CURB UNLESS NOTED OTHERWISE
- 12. SHOULD ANY PREHISTORIC OR HISTORIC REMAINS OR ARTIFACTS BE DISCOVERED DURING SITE DEVELOPMENT, WORK SHALL BE TEMPORARILY HALTED AT THE SPECIFIC SITE AND THE STATE HISTORIC PRESERVATION OFFICE OF THE DEPARTMENT OF MUSEUMS, LIBRARY AND ARTS, SHALL BE NOTIFIED TO RECORD AND PHOTOGRAPH THE SITE. THE PERIOD OF TEMPORARY DELAY SHALL BE LIMITED TO A MAXIMUM OF TWO (2) WORKING DAYS FROM THE DATE OF NOTIFICATION.
- 13. NO MATERIALS OF ANY KIND SHALL BE STOCKPILED OR CONSTRUCTION EQUIPMENT PARKED ON CONCRETE OR ASPHALT SURFACES IN PUBLIC RIGHT—OF—WAY.
- 14. CONSTRUCTION OF STREET IMPROVEMENTS MUST ALLOW FOR THE PERPETUATION OF ALL EXISTING LEGAL ACCESSES AND EXISTING DRIVEWAYS.
- 15. THE CONTRACTOR SHALL FURNISH PRODUCT SUBMITTALS FOR PUBLIC IMPROVEMENTS INCLUDING MANUFACTURER'S SPECIFICATIONS, SHOP DRAWINGS, CONCRETE MIX DESIGNS, ASPHALT MIX DESIGNS, GRADATION CERTIFICATIONS, ETC. FOR REVIEW BY THE ENGINEER OF RECORD. SUBMITTALS SHALL BE FURNISHED PROMPTLY AFTER EXECUTION OF THE CONTRACT, BUT IN ALL CASES PRIOR TO DELIVERY OF SUCH
- 16. THE CONTRACTOR UPON COMPLETION OF THE PROJECT, SHALL PREPARE AND SUBMIT RECORD DRAWINGS TO THE OWNER. SUBMITTAL SHALL BE IN THE FORM OF A CD IN 300 DPI, MULTIPAGE PDF FORMAT.
- 17. THE OWNER OR CONTRACTOR IS REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH THE NEVADA DEPARTMENT OF ENVIRONMENTAL PROTECTION. THE CONTACTOR SHALL COMPLY AND MAINTAIN THE CONSTRUCTION SITE INSPECTION CHECKLIST, LOCATED IN APPENDIX D OF THE TRUCKES MEADOWS BMP HANDBOOK. THE CHECKLIST SHALL BE ONSITE FOR REVIEW BY STATE AND LOCAL GOVERNMENT INSPECTIONS. THE CONTACTOR SHALL INSPECT THE SITE DAILY; PRIOR TO FORECASTED RAIN EVENTS AND WITHIN 24 HOURS OF ANY RAIN EVENT. IF AN INSPECTOR DETERMINES THAT INSTALLED STORM WATER CONTROLS PLACE THE CITY AT RISK OF VIOLATING ITS NPDES PERMIT, THE INSPECTOR MAY ORDER A CHANGE TO THE STORM WATER CONTROLS. IF THE CHANGE IS NOT ACCEPTABLE OR IS NOT IMMEDIATELY IMPLEMENTED, A VIOLATION POSSIBLY RESULTING IN A FINE MAY BE ISSUED. THE CONTACTOR SHALL NOT DISPOSE OR PLACE DEBRIS IN ANY CITY OF RENO MANHOLE, CATCH BASIN OR FACILITY.

DEMOLITION NOTES

- THE REMOVAL OF EXISTING IMPROVEMENTS SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIAL TECHNICAL SPECIFICATIONS AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC, 2012), SECTION 301.00.
- EXISTING IMPROVEMENTS, ADJACENT PROPERTY, FENCING, WALLS, UTILITIES AND OTHER FACILITIES, TREES AND PLANTS THAT ARE NOT TO BE REMOVED SHALL BE PROTECTED FROM INJURY OR DAMAGE RESULTING FROM THE CONTRACTORS OPERATIONS IN ACCORDANCE WITH SPECIFICATION SECTION 301.04 AND 300.04.
- THE CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLE RIMS, WATER & GAS VALVE COVERS, & UTILITY BOXES AND FRAME AND COVERS, BOTH HORIZONTALLY AND VERTICALLY, AS REQUIRED TO FIT THE NEW WORK. THE CONTRACTOR SHALL REPLACE ANY APPURTENANCE DAMAGED DURING RELOCATION AT THE COST OF THE
- 4. ALL EXISTING FEATURES IN CONFLICT WITH PROPOSED SHALL BE REMOVED. RELOCATED AND/OR REPLACED. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER AND THE GOVERNING AGENCIES PRIOR TO SUCH REMOVAL, RELOCATION

PAVEMENT MARKING, STRIPING AND SIGNAGE

- ALL PAVEMENT MARKING AND STRIPING SHALL BE TRAFFIC PAINT OR THERMOPLASTIC IN ACCORDANCE WITH SPECIFICATION SECTION 214.00 AND 324.00.
- 2. THE LOCATION OF THE PAVEMENT MARKINGS SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO INSTALLATION.

EARTHWORK NOTES

- CLEARING AND GRUBBING, SUBGRADE PREPARATION AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTIONS 300.00, 302.00, 303.00, AND 304.00 AND AS SPECIFIED IN THE GEOTECHNICAL INVESTIGATION, "T" PREPARED BY CORESTONE ENGINEERING, DATED NOVEMBER 22, 2021.
- UNSUITABLE SOIL OR MATERIALS NOT TO BE INCLUDED IN THE WORK INCLUDE:
 A. ORGANIC MATERIALS SUCH AS PEAT, MULCH, ORGANIC SILT OR SOD,
 B. SOILS CONTAINING EXPANSIVE CLAYS,
 C. MATERIAL CONTAINING EXCESSIVE MOISTURE,
 D. POORLY GRADED COARSE MATERIAL,
 E. PARTICLE SIZE IN EXCESS TO LINCHES,

 - MATERIAL WHICH WILL NOT ACHIEVE DENSITY AND/OR BEARING REQUIREMENTS.
- FINE GRADING ELEVATIONS, SLOPES, AND OTHER ELEVATIONS NOT SHOWN SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD TO OBTAIN DRAINAGE IN THE DIRECTION AND TO THE DRAINAGE WAYS INDICATED. ALL GRADING ELEVATIONS SHALL BE APPROVED BY THE ENGINEER.
- - A. CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL NEW DRAINAGE IMPROVEMENTS ARE IN PLACE AND FUNCTIONING.
 - NO FENCE OR OTHER OBSTRUCTION WHICH INTERFERES WITH DISCHARGE SHALL BE CONSTRUCTED WITHIN THE DRAINAGE OR STORM DRAIN EASEMENTS.
- 5. ALL EXCESS OR UNSUITABLE MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH THE LATEST WASHOE COUNTY REGULATIONS.
- MECHANICAL SLOPE STABILIZATION IS TO BE USED FOR SLOPES STEEPER THAN 3:1. WHEN ROCK RIP RAP IS USED FOR SLOPE STABILIZATION, IT SHALL CONTAIN A MINIMUM OF FOUR FRACTURED FACES AND BE PLACED TO A MINIMUM DEPTH OF 12 INCHES. A MINIMUM OF 75% OF THE RIP RAP SHALL BE SPECIFIED DIAMETER ROCK OR GREATER.

CONCRETE & PAVEMENT NOTES

- 1. ALL PORTLAND CEMENT CONCRETE (PCC) AND ASPHALT CONCRETE PAVEMENT SHALL BE PLACED IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION REPORT. BY CORESTONE ENGINEERING, DATED NOVEMBER 22, 2021.
- 2. REFERENCE DETAIL 1, SHEET C2.1 FOR ASPHALTIC CONCRETE SECTION.
- 3. ASPHALT CONCRETE PAVEMENT SHALL BE PLACED IN ACCORDANCE WITH SPECIFICATION
- 4. PCC SHALL MEET THE REQUIREMENTS OF SPECIFICATION SECTION 202.00. PCC EXPOSED TO FREEZE—THAW ENVIRONMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI AND MEET THE SPECIFIC REQUIREMENTS OF SPECIFICATION SECTION 337.10.01.01.
- CURB, GUTTER AND SIDEWALK SHALL BE PLACED IN ACCORDANCE WITH SPECIFICATION SECTION 312.00.
- CONCRETE PAVEMENTS SHALL BE PLACED IN ACCORDANCE WITH SPECIFICATION SECTION 314.00.

UTILITY NOTES

ANCHOR BOLT
ABANDONED
AGGREGATE BASE COURSE
ASPHALT CONCRETE

ADJACENT

APPROVED

APPROXIMATE

BEGIN CURVE

AIR RELEASE VALVE

BEGIN CURB RETURN

BACK FACE OF CURB BUILDING BENCH MARK

BEGIN VERTICAL CURVE

CUBIC FEFT PER MINUTE

CUBIC FEET PER SECOND CAST IRON

CONSTRUCTION JOINT CENTERLINE CLEAR CORRUGATED METAL PIPE

CONSTRUCTION JOINT

CATCH BASIN

CONCRETE

CONTINUOUS
COORDINATE
CENTER
CUBIC
CUBIC FEET
CUBIC INCH
CUBIC YARD

CULVERT DOUBLE

APPROX APPR

CONC CONN CONT COORD

- 1. UTILITIES MAY EXIST THAT ARE NOT SHOWN ON THE PLANS. HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE ONLY THE CONTRACTOR SHALL VERIFY ACTUAL LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICES ALERT, USA, AT (811) PRIOR TO ANY EXCAVATION.
- 2. THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES WHICH MAY CONFLICT WITH THE NEW WORK PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY NV ENERGY AND GREAT BASIN WATER CO. AT LEAST 48 HOURS PRIOR TO THE START OF UTILITY CONSTRUCTION.
- 4. THE CONTRACTOR SHALL MAKE EVERY ATTEMPT TO AVOID SHUT OFF OR DISCONNECTION OF ACTIVE UTILITIES. IF SHUT OFFS ARE UNAVOIDABLE, THE CONTRACTOR SHALL COORDINATE THAT SHUT OFF WITH THE AFFECTED CUSTOMERS AND UTILITY COMP

EACH END CURVE

ECCENTRIC

ELEVATION

EACH WAY

FLOWLINE

GALLON

INCH INVERT

IRRIGATION

KII OWATT

GALVANIZED

ELECTRIC

ENGR EVC EW EXP JT

END CURB RETURN

ENGINEER END OF VERTICAL CURVE

EXPANSION JOINT FLARED END SECTION

FRONT FACE OF CURB FINISH GRADE FIRE HYDRANT FIGURE

FEET PER SECOND

GALVANIZED
GRADE BREAK
GALLONS PER DAY
HORIZONTAL
HORSEPOWER
INSIDE DIAMETER
INVERT ELEVATION

ABBREVIATIONS

MAXIMUM DRY DENSITY MECHANICAL MANUFACTURER

MISCELLANEOUS

NORTHING

MILES PER HOUR

NO DIRECT PAYMENT

POLYETHYLENE

PROPERTY LINE

POINT OF INTERSECTION

PUSH ON PIPE FITTING

POINT OF REVERSE CURVE

PROPERTY
POUNDS PER SQUARE FOOT
POUNDS PER SQUARE INCH
POINT OF TANGENCY
PUBLIC UTILITY EASEMENT

REINFORCED CONCRETE PIPE

REINFORCED CONCRETE BOX CULVERT

POLYVINYL CHLORIDE POINT OF VERTICAL INTERSECTION

REFERENCE or REFER REINFORCED

PAVEMENT

REQUIRED RIGHT

RCB RCP

NO DIRECT PAYMENT
NOT TO SCALE
ON CENTER
ORIGINAL GROUND
OUNCE
POINT OF CURVE
POINT OF COMPOUND CURVE

MECHANICALLY RESTRAINED JOINT

UTILITY NOTES (CONT'D)

- 5. THE CONTRACTOR IS TO PROVIDE ALL MISCELLANEOUS PIPE, FITTINGS AND APPURTENANCES AS REQUIRED TO COMPLETE THE UTILITY WORK AS SHOWN.
- 6 TRENCH EXCAVATION AND BACKELL SHALL BE PERFORMED IN ACCORDANCE WITH IRENCH EXCAVATION AND BACKFILL SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 305.00 AND AS SPECIFIED IN THE GEOTECHNICAL REPORT PREPARED BY NOVA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION AND SHORING PROCEDURES. CONDUIT PLACEMENT SHALL BE BY OPEN TRENCH UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE PLAN. SHORING BRACING AND SHEETING SHALL BE AS SET FORTH IN THE RULES, ORDERS, AND REGULATIONS OF THE OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA).
- UTILITY CONDUIT, 8 INCHES AND SMALLER, SHALL BE BEDDED IN CLASS A PIPE BEDDING AS SPECIFIED IN SECTION 200.03. UTILITY CONDUIT, GREATER THAN 8 INCHES, SHALL BE BEDDED IN CLASS A, B OR C AS SPECIFIED IN SECTION 200.03. CLASS C BEDDING MATERIAL SHALL BE COMPACTED WITH VIBRATORY COMPACTOR UNTIL MINIMUM DENSITY REQUIREMENTS ARE MET OR UNTIL NO FURTHER SETTLEMENT OCCURS, AS APPROVED BY THE ENGINEER. THE MAXIMUM LOOSE LIFT THICKNESS
- 8. TRENCH BACKFILL SHALL BE NATIVE EXCAVATED GRANULAR MATERIAL OR APPROVED IMPORT GRANULAR MATERIAL FREE FROM UNSUITABLE MATERIAL DEFINED HEREIN.
- AGGREGATE BASE COURSE (ABC) SHALL MEET THE REQUIREMENTS OF SPECIFICATION SECTION 200.00, TYPE 2, BASE B. AGGREGATE BASE COURSE SHALL BE PLACED IN ACCORDANCE WITH SPECIFICATION SECTION 308.00.
- SECTION 306.00. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN MINIMUM COVER OVER STORM DRAINS DURING CONSTRUCTION TO PROTECT THE INTEGRITY OF
- 11. MANHOLES AND CATCH BASINS SHALL BE PORTLAND CEMENT CONCRETE PER SPECIFICATION SECTION 204-00. MANHOLES AND CATCH ASKINS SHALL BE PLACED PER APPLICABLE PARTS OF SPECIFICATION SECTIONS 305.00, 306.00, AND 311.00
- . WATER PIPE SHALL BE POLYETHYLENE (PE) OR POLYVINYL CHLORIDE (PVC), AWWA C900, PER SPECIFICATION SECTION 203.00. FITTINGS, VALVES, AND APPURTENANCES SHALL MEET AWWA SPECIFICATIONS. WATER PIPE, FITTINGS AND APPURTENANCES SHALL BE INSTALLED PER APPLICABLE PARTS OF SPECIFICATION SECTIONS 305.00 AND 307.00. THE MINIMUM DEPTH OF COVER SHALL BE 36 INCHES, MEASURED FROM FINISH GRADE TO TOP OF THE PIPE.
- 13. ALL WATER LINES SHALL BE TESTED FOR PRESSURE AND LEAKAGE PER UTILITY
- 14. BACTERIOLOGICAL TESTING SHALL BE PERFORMED BY THE CONTRACTOR PER GREAT BASIN WATER CO. STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING TEST SAMPLE EQUIPMENT AND FOR THE COLLECTION OF THE REQUIRED CANDID
- 15. COORDINATE LOCATIONS OF ALL UTILITIES WITH RESPECTIVE TRADES.
- 16. ALL BURIED IRON PIPE, FITTINGS, AND VALVES SHALL BE WRAPPED WITH POLYETHYLENE PIPE WRAP IN ACCORDANCE WITH AWWA C105.
- 17. ALL WATER MAIN AND ASSOCIATED FITTINGS SHALL BE CONSTRUCTED PER GREAT BASIN
- 18. A MANHOLE PROTECTION PLAN SHALL BE SUBMITTED AND APPROVED PRIOR TO ANY MANHOLE ADJUSTMENTS. THE PLAN SHALL CLEARLY IDENTIFY HOW THE CONTRACTOR WILL PROTECT FROM ALL DEBRIS ENTERING INTO THE SYSTEM AND A DETAIL OF HOW THE CONTRACTOR IS PREPARED FOR EMERGENCY OVERFLOWS. PRIOR TO PERFORMING ANY ADJUSTMENTS OR GROUTING, THE ENGINEER OF RECORD SHALL OBSERVE AND VERIFY THAT THE CONTRACTOR IS IN COMPLIANCE WITH THE "MANHOLE PROTECTION DELAY."
- 19. MANHOLES AND CATCH BASINS SHALL BE PORTLAND CEMENT CONCRETE PER SPECIFICATION SECTION 204.00. MANHOLES AND CATCH BASINS SHALL BE PLACED PER APPLICABLE PARTS OF SPECIFICATION SECTIONS 305.00, 306.00, AND 311.00.
- 20. ALL CATCH BASIN COVERS DESIGNATED TO BE RESET TO GRADE SHALL BE REPLACED
- 21. CONTRACTOR TO VACUUM CLEAN ALL STORM DRAIN & SANITARY SEWER MANHOLES AND CATCH BASINS AFTER REMOVING CONTAINMENT DEVICES UPON COMPLETION OF THE PROJECT.
- 22. ALL BMPS SHALL BE REMOVED FROM CATCH BASINS & MANHOLES PRIOR TO FINAL ACCEPTANCE AND RELEASE OF RETENTION.

SECTION
SQUARE FOOT
SQUARE INCH
SANITARY SEWER EASEMENT
STATION
SIMILAR
SDECISIOATIONS

SPECIFICATION

TEMPERATURE
TOP FACE
TOP OF WALL
TYPICAL
VELOCITY

VERTICAL CURVE

VERTICAL VALLEY GUTTER WELDED WIRE FABRIC

SANITARY SEWER

SQUARE

STANDAR

SPEC

LEGEND

EXISTING STREET SIGN A EXISTING FIRE HYDRANT EXISTING FIRE DEPARTMENT CONNECTIONS EXISTING SURVEY MONUMENT EXISTING POWER POLE TP EXISTING TRANSFORMER PAD

E EXISTING ELECTRIC VAULT

(S) EXISTING SANITARY SEWER MANHOLE **(D)**

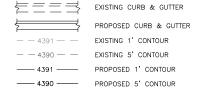
EXISTING TELEPHONE VAULT

EXISTING STORM DRAIN MANHOLE

T EXISTING ELECTRIC MANHOLE U EXISTING UTILITY MANHOLE EXISTING GAS VALVE

W EXISTING WATER METER 0 EXISTING WATER VALVE

EXISTING TREE \times EXISTING TREE TO BE REMOVED



(97.55) EXISTING SPOT ELEVATION 97.55 FG PROPOSED SPOT ELEVATION PROPERTY/BOUNDARY LINE

EXISTING SANITARY SEWER ----s-EXISTING STORM DRAIN

EXISTING FIBER OPTIC

EXISTING WATER LINE

EXISTING CHAINLINK FENCE

EXISTING ELECTRIC ____ F ____ EXISTING GAS EXISTING TELEPHONE

EXISTING OVERHEAD LINES — он — _____ CATV _____ EXISTING CABLE

Know what's below.

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UNLITIES AND FEATURES AS SHOWN ON THESE PLANS IS BASED ON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR

2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THESE LOCATIONS NAD/OR ELEVATIONS AT THE PROPOSED TH

S. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE OR PERCOATE ALL DESTING UTILITIES AND FEATURETS WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. CONTRACTOR SHALL DESTAN APPROVALES FRO THE GOVERNING AGENCIES, THE ENGINEER, AND THE UTILITY COMPANIES PRIOR TO SUCH REMOVAL AND/OR RELOCATION.

4. THE CONTRACTOR ASSUMES ALL RISK FOR ANY CONSTRUCTION PERFORMED WITH PRELIMINARY OR NONAPPROVED PLANS.

Call before you dig.

CAUTION - NOTICE TO CONTRACTOR

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Exp. 06-30-23

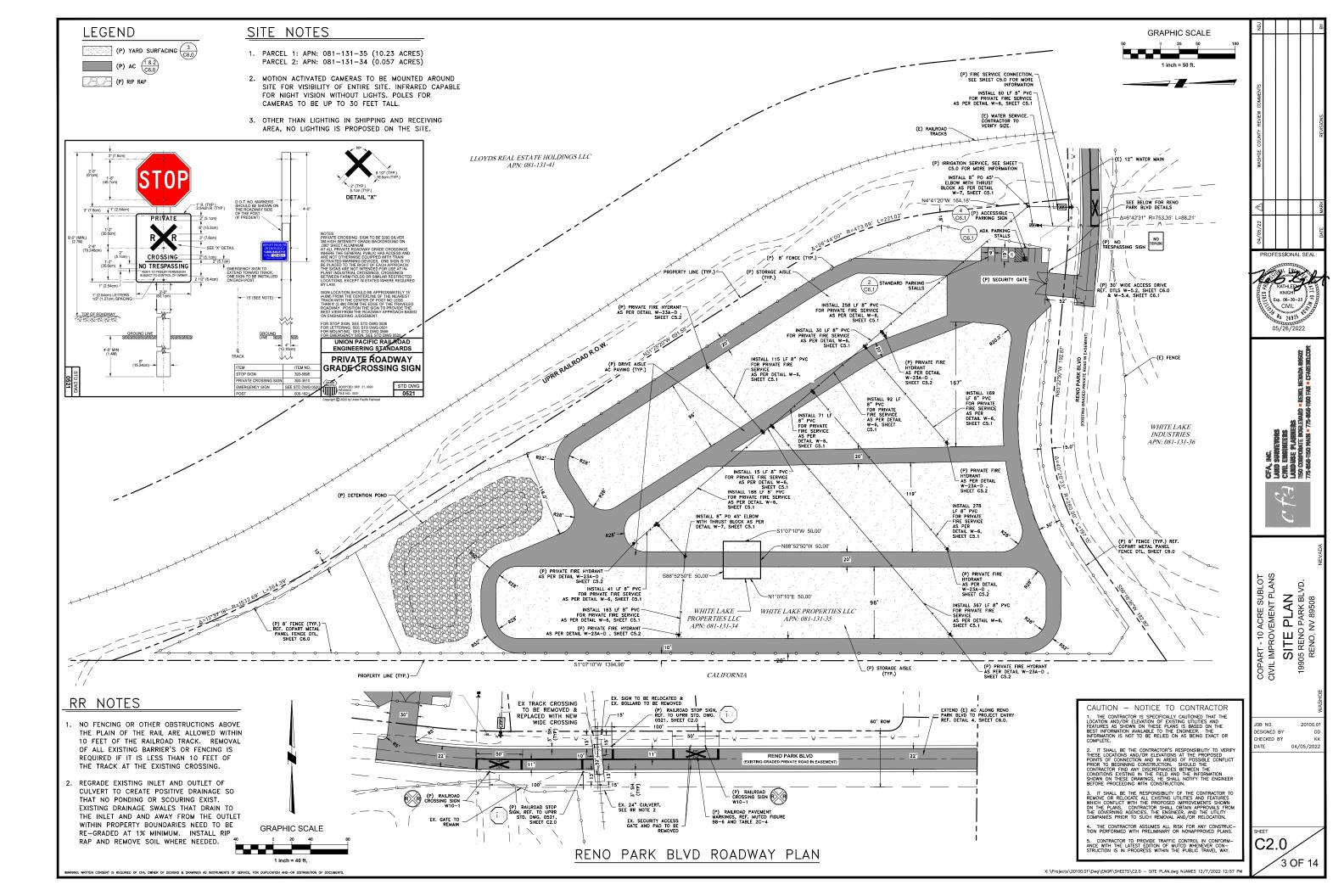
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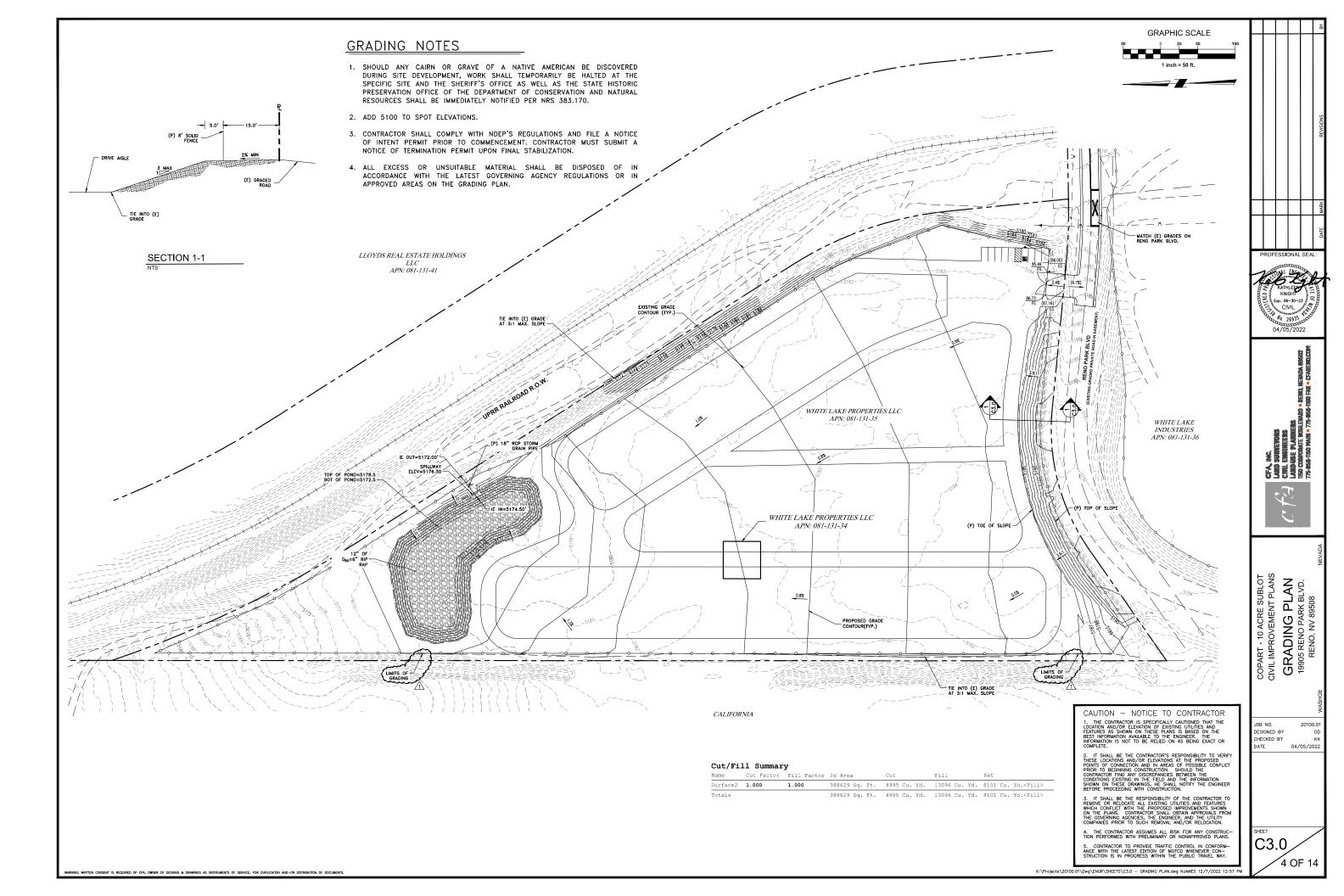
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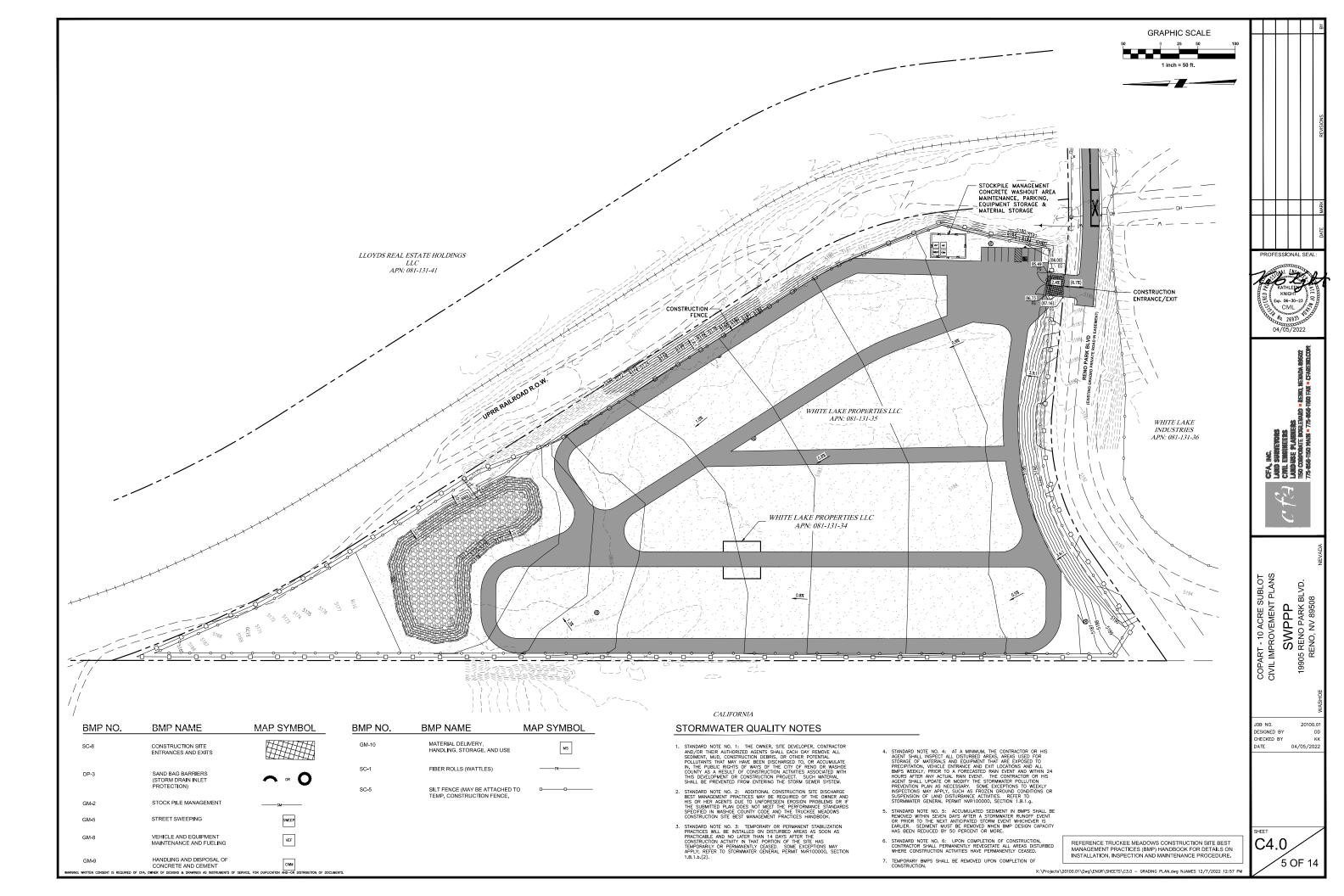
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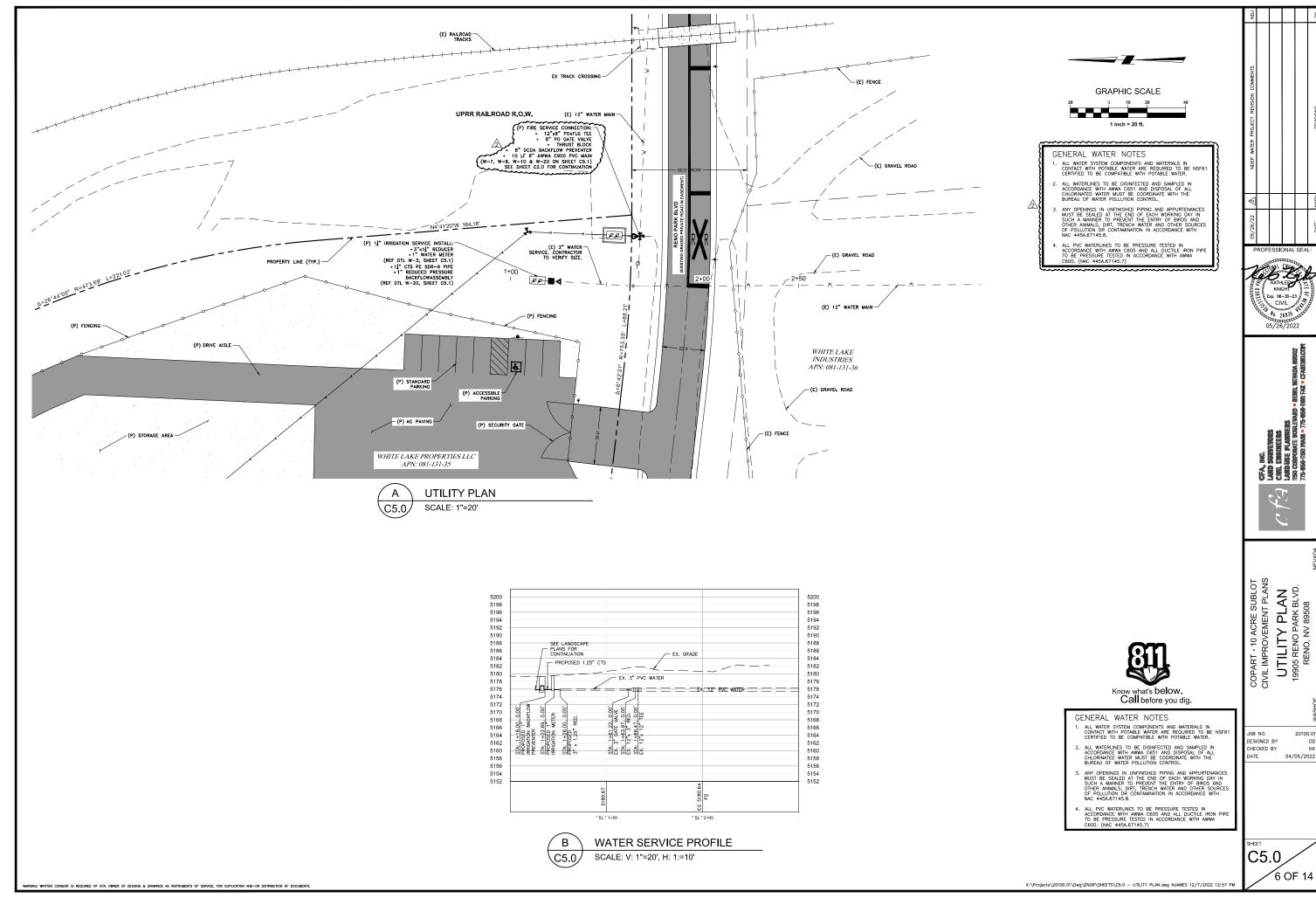
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GENERAL

I. PLAN IS DIAGRAMMATIC ONLY. ALL LOCAL GOVERNING CODES SHALL BE MET. EXACT LOCATION OF TREES AND SHRUBS SHALL BE DETERMINED IN THE FIELD (INSTALL AS PER DETAILS) AND APPROVED BY THE ONNER'S REPRESENTATIVE.

2. A MINIMUM OF TWO WORKING DAYS BEFORE PERFORMING ANY DIGGING, CALL UNDERGROUND SERVICE ALERT FOR INFORMATION ON THE LOCATION OF NATURAL GAS LINES, ELECTRIC CABLES, TELEPHONE CABLES, TE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION AND PROTECTION OF ALL UTILITIES, AND REPAIR OF ANY DAMAGE RESULTING FROM HIS WORK AT NO ADDITIONAL COST TO THE OWNER.

3. DAMAGES; CONTRACTOR SHALL PROMPTLY REPAIR ALL DAMAGES TO EXISTING SITE AT NO COST TO OWNER.

4. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES (I.E., PAVING, PLUMBING, ELECTRICAL, ETC.)

5. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION AND TO NOTIFY THE OWNER'S REPRESENTATIVE SHOULD CONDITIONS EXIST WHICH PREVENT CONSTRUCTION AS PER THESE PLANS, COMMENCEMENT OF WORK SHALL CONSTITUTE ACCEPTANCE OF CONDITIONS AND RESPONSIBILITY FOR CORRECTIONS.

6. CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR ASSUMES SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLIDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS AND CONTRACTOR FURTHER AGREES TO DEFEND, INDENNIFY AND HOLD HARMLESS THE OWNER FROM ANY AND ALL LIABILITY, REAL OR ALLESED, IN CONNECTION HITH THE PERSONMANCE OF RORKS ON THE PROJECT.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH GRADING THROUGHOUT ALL LANDSCAPE AREAS SUCH THAT THERE ARE NO HAMPS OR DEPRESSIONS AND POSITIVE DRAINAGE OCCURS THROUGHOUT. THE TOP IN OF ALL PLANTING BEDS SHALL BE CLEAN NATIVE SOLD, FREE OF ALL CONSTRUCTION DEBRIS AND NATIVE ROCKS OVER I'IN DIAMETER. THE CONTRACTOR SHALL AMEND THE FLANTING BED OR PLANTING HOLES FER PLANS AND SPECIFICATIONS. FINAL GRADE OF ALL PLANTENS (IE. MALCH SURPACE) SHALL BE FLUSH WITH ADJACDH HARDSCAPE SURPACES.

8. <u>SOIL_TEST</u>, CONTRACTOR SHALL PROVIDE SOIL TEST RESULTS FOR EXISTING SITE SOIL AS FOLLOWS:

PALLONE:
ANALYSIS PACKAGE LITEA BY SINLAND ANALYTICAL (9(6)852-8557 (OAE).
TEST RESULTS SHALL INCLIDE SOIL SATURATION PERCENT SOIL TEXTURE, INILITRATION RATE, PH.
CONDICTIVITY, TOTAL DISSOLVED SALTS, CATION EXCHANGE CAPACITY, POTASSIUM, SODIUM,
CALCIUM, MAGNESIUM, NITRATE & PHOSPHORUS, SULFIR, CHLORIDE, BORON, COPPER, IRON,
MANGANEES LINE & LINE REQUIREMENT OR GYSPUM REQUIREMENT, SODIUM ABSORPTION RATIO,
EXCHANGEABLE SODIUM PERCENT & ORGANIC MATTER, ALONG WITH RECOMMENDATIONS FOR
SOIL ANENDHENT BASED ON ANALYSIS RESULTS.

4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO TOTAL AND CONFIRM ALL MATERIAL QUANTITIES, ITEMS QUANTITIES ITEMS QUANTITIES BY AN AREA (I.E., SQUARE FEET - SF, SQUARE YARD - SY) OR VOLUME (CUBIC FEET - CU FT, CUBIC YARD - CU YID) SHALL BE CALCULATED AND CONFIRMED BY THE CONTRACTOR, THE QUANTITIES LISTED ON THE FLANT LIST ARE ESTIMATED, IN THE EVENT OF A DISCREPANCY BETWEEN THE TOTALS LISTED ON THE PLANT LIST AND THE QUANTITY OF GRAPHIC PLANT SYMBOLS DEPICTED ON THE DRAVINGS, THE GRAPHIC STYPBOLS ON THE PLANS SHALL GOVERN. THE ACTUAL TOTAL QUANTITIES SHALL BE DETERMINED BY THE CONTRACTOR.

IO. <u>SOIL AMENDMENT.</u> INLESS OTHERWISE INDICATED BY THE SOIL TEST, SOIL AMENDMENT SHALL BE HUNUS COMPOSED OF TOPSOIL, BARK HUNUS, AND COMPOST. SUBMIT TO OWNER'S REPRESENTATIVE FOR APPROVAL.

II. CONTRACTOR IS RESPONSIBLE FOR PROVIDING PLANT MATERIAL PER SYMBOLS AND SPACING INDICATED ON PLAN. SYMBOLS PREVAIL OVER NUMBERS ON PLANT LIST. NO SUBSTITUTIONS MILL BE ACCEPTED MITHOUT EXPRESSED WRITTEN CONSENT OF THE OWNER'S REPRESENTATIVE. SEE SUBMITTALS.

12. ALL TREES NOT MEETING OR EXCEEDING REQUIREMENTS AND RECOMMENDATIONS OF THE LATEST EDITION OF THE ANSI ZEO, "AMERICAN STANDARD FOR NASERY STOCK" BY THE AMERICAN ASSOCIATION OF INJESSERYMEN SHALL BE RELIEVED. CONTRACTOR SHALL RECEIVE ON-SITE APPROVAL OF TREES BY OWNERS REPRESENTATIVE PRIOR TO PLANTING. FAILURE TO RECEIVE PRIOR APPROVAL MAY RESULT IN RELECTION FOLLOWING INSTALLATION. THE OWNERS REPRESENTATIVE RESERVES THE RIGHT TO INSPECT AND EVALUATE TREES THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERSON.

IS. ALL TREE WELLS SHALL RECEIVE TOP-DRESSING OF MULCH AS FOLLOWS:

<u>BARK MULCH</u> - INSTALL 4" OF 'WALK-ON' BARK MULCH (OAE) IN TREE WATERING WELLS, KEEP MULCH 4" AWAY FROM TREE TRUNKS - <u>PO NOT</u> INSTALL LANDSCAPE FABRIC UNDER BARK,

NOTE, DIGITAL PHOTOS OF ALL MULCH SAMPLES SHALL BE SUBMITTED TO OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL MIN. 48 HOURS PRIOR TO START OF ANY LANDSCAPE OR IRRIGATION MORK, IF UNACCEPTABLE MULCH IS INSTALLED MITHOUT APPROVAL IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CORRECT THE ISSUES AT HIS EXPENSE.

OBSERVATIONS/APPROVALS/SUBMITTALS

I4. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING OWNER'S REPRESENTATIVE, A MINIMUM OF 48 HOURS IN ADVANCE, FOR THE FOLLOWING SITE OBSERVATIONS AND/OR MEETINGS:

A. PRECONSTRUCTION MEETING WITH ALL PARTIES

B. PLANT MATERIAL ON SITE, PRIOR TO INSTALLATION

C. FINAL PROJECT NALK-THROUGH

D. ADDITIONAL SITE OBSERVATIONS AS DEEMED NECESSARY BY THE OWNER'S
REPRESENTATIVE AND/OR CONTRACTOR.

IS, SUBMIT AMENDMENT AND MULCH SAMPLES TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION. FAILURE TO COMPLY MAY RESULT IN RELECTION OF MULCH OR AMENDMENT PRIOR TO OR FOLLOWING INSTALLATION.

16. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROVIDE PLANT MATERIAL AS SPECIFIED ON THIS PLAN. THE CONTRACTOR MAY SUBMIT A REQUEST TO PROVIDE SUBSTITUTIONS FOR THE SPECIFIED PLANT MATERIAL INDER THE POLLOVINIS CONDITIONS:

A. ANY SUBSTITUTIONS PROPOSED SHALL BE SUBMITTED TO THE PROJECT OWNERS REPRESENTATIVE WITHIN TWO MEEKS OF THE AVANCE OF CONTRACT. SUBSTITUTIONS MUST MEET EQUIVALENT DESIGN AND FRACTIONAL SOALS OF THE ORIGINAL MATERIALS AS DETERMINED BY THE SOURCEST OF THE ORIGINAL MATERIALS AS DETERMINED BY THE ORIGINAL MATERIALS AS DETERMINED BY THE OWNERS SEPREPAYMENT WEIGHT AT VICE ANY CANAGES MUST HAVE THE APPROVAL OF THE OWNERS

O'NER'S REPRESENTATIVE. AND CAMPANIED BY AT LEAST THREE NOTICES FROM PLANT MATERIAL SUPPLIERS THAT THE PLANT MATERIAL SPECIFIED IS NOT AVAILABLE AND WILL NOT BE AVAILABLE PRIOR TO CONSTRUCTION.

IT. SUBMIT REQUIRED SOIL REPORT, AND SAMPLE OF PROPOSED SOIL AMENDMENTS TO OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

REPRESENTATIVE PRIOR TO INSTALLATION.

B. RECORD (AS-BULLT) DRAINISE, FOLLOWING COMPLETION OF PROJECT INSTALLATION, AND PRIOR TO FINAL AFPROVAL, CONTRACTOR SHALL PREPARE AND SUBMIT RECORD DRAVINGS DEPICTING A COMPLET LANGSCAPE AND IRRIGATION INSTALLATION. PROCURE FROM OWNER DIGITAL COPIES OF CONTRACT DRAVINGS, CONSTRUCTION DRAVINGS SHALL BE ON THE PROJECT SITE AT ALL TIMES DURING INSTALLATION. CONTRACTOR SHALL MAKE A DAILY RECORD OF ALL MORK INSTALLED DURING EACH DAY. ACTUAL LOCATION OF TREES AND SHRUB BEDS, IRRIGATION VALVES, AND ALL IRRIGATION PROVINGES FOR EASILY IDENTIFIED PREMARENT FEATURES, SUCH AS BUILDING, CARBS, FENCES, WALKS, OR PROPERTY LINES. DRAVINGS SHALL SHOW MANIFACTURERS NAME AND CATACOM NAMES AND CATACOM SHALL SHALL

GUARANTEES/WARRANTY

20. ALL PLANTED AREAS SHALL BE MAINTAINED FOR A PERIOD OF SIXTY DAYS FOLLOWING MRITTEN ACCEPTANCE BY ONNERS REPRESENTATIVE. LANDSCAPE CONTRACTOR MILL GUARANTEE ALL PLANT MATERIAL (NICLUDINS BUT NOT LIMITED TO TREES, SHRUBS, GROADCOVER, AND GRASSES) FOR A PERIOD OF ONE FULL YEAR FOLLOWING FINAL ACCEPTANCE OF THE LANDSCAPE INSTALLATION BY THE OWNER'S AUTHORIZED REPRESENTATIVE. IN BIDDING AND INSTALLING HE PLANT MATERIAL SPECIFIED ON THESE PLANS, THE LANDSCAPE CONTRACTOR AGREES THAT THE PLANT MATERIAL SPECIFIED IS SUITABLE TO THE FROJECT SITE. BUTHTERWORK THE LANDSCAPE CONTRACTOR AGREES TO HONOR THE MARRANTY AND, IF NECESSARY, REPLACE SPECIES MITH A MORE HARDY PLANT THYS IP DEFINED NECESSARY DUE TO EXCESSIVE DIE OUT. THE LANDSCAPE CONTRACTOR SPECIES MITH AND MICRO-CLIMATES. THE LANDSCAPE CONTRACTOR SHALL REQUEST TO MAKE PLANT MATERIAL SUBSTITUTIONS IN WRITING TO THE LANDSCAPE CONTRACTOR SHALL REQUEST TO MAKE PLANT MATERIAL SUBSTITUTIONS IN WRITING TO THE LANDSCAPE ACCHITECT PRIOR TO THE START OF INSTALLATION, PROPOSED SUBSTITUTIONS WILL RESULT IN NO ADDED COST.

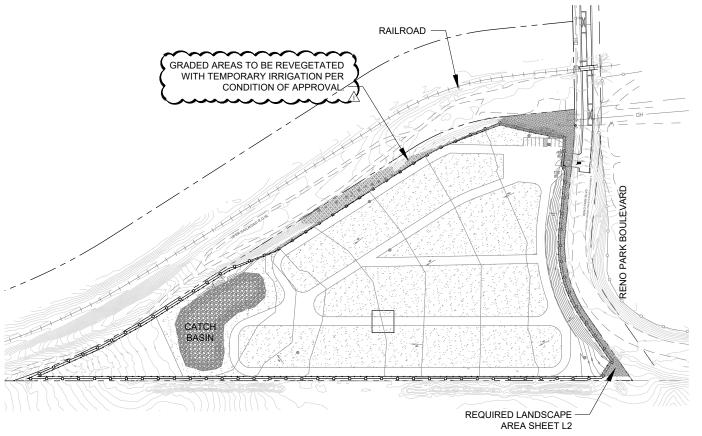
SHEET LEGEND

- LANDSCAPE COVER SHEET
- LANDSCAPE PLAN IRRIGATION PLAN
- LANDSCAPE AND IRRIGATION DETAILS

CONDITION OF APPROVAL

ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED WITH NATIVE VEGETATION, INCLUDING THE REQUIRED LANDSCAPE AREA ADJACENT TO RENO PARK BOULEVARD, TEMPORARY IRRIGATION SHALL BE PROVIDED TO ALL DISTURBED AREAS FOR A PERIOD OF NOT LESS THAN THREE VEARS, AND FOR AS LONG AS NECESSARY UNTIL THE DISTURBED AREAS CONTAIN NATIVE VEGETATION EQUAL TO TO PERCENT OF NATIVE VEGETATION ADJACENT, UNDISTURBED AREAS.

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LANDSCAPE DATA

SITE AREA = 449,761 SQ FT (10.32 ACRES) APN: 081-131-34 AND 081-131-35

ZONING: I (INDUSTRIAL)

- ZONING: (INDUSTRIAL)

 REQUIRED LANDSCAPE AREA, PER MASHOE COUNTY CONDITIONS OF APPROVAL

 REQUIRED LANDSCAPE AREA, PER MASHOE COUNTY CONDITIONS OF APPROVAL

 PROPER CONT. LANDSCAPING SHALL CONSIST OF ONE INTERGREEN TREE FOR EACH

 20 FEET OF SITE FRONTAGES ON RENO FARK; BOLLEVARD.

 1 TRIES MAY BE CLUSTISSED FOR A MORE NATURAL APPEARANCE.

 1 THE TREES SHALL BE PLACED BETHERD THE SCREENING FENCE AND THE PROPERTY

 LINE, ADJACENT TO THE ROADWAY.

 PERMANENT IRRIGATION SHALL BE PROVIDED TO ALL TREES IN ACCORDANCE WITH

 ARTICLE 412.

 ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED WITH NATIVE

 YESSITATION, INCLIDING THE REQUIRED LANDSCAPE AREA ADJACENT TO RENO PARK

 PERMONENTY IRRIGATION SHALL BE PROVIDED TO ALL DISTURBED AREAS FOR A

 PERCONARY IRRIGATION SHALL BE PROVIDED TO ALL DISTURBED AREAS FOR A

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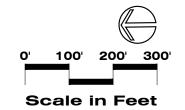
 PERCONARY IRRIGATION SHALL BE PROVIDED TO ALL DISTURBED AREAS FOR A

 PERCONARY IRRIGATION SHALL BE PROVIDED TO ALL DISTURBED AREAS FOR A

 PERCONARY IRRIGATION SHALL BE PROVIDED TO THE TOTAL THE

PROVIDED LANDSCAPAE AREA = 17.708 SQ FT

PROVIDED TREES = 32
• I PER 20 LN FT OF STREET FRONTAGE (632 LN FT)



IRRIGATION SPECIFICATIONS

 $6.\,$ ALL SPRINKLER EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.

7. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL IRRIGATION MATERIAL, INCLUDING PIPE, WITH THE LANDSCAPE DRAWINGS TO AVOID INTERFERING WITH THE PLANTING OF TREES, SHRUBS, OR CHILER SI ANTINGS.

8. ALL VALVES ARE TO BE LOCATED IN PLANTING AREAS WHEREVER POSSIBLE.

IO. BACKFILL FOR TRENCHING SHALL BE COMPACTED TO A DRY DENSITY EQUAL TO THE UNDISTURBED ADJACENT SOIL AND SHALL CONFORM TO ADJACENT GRADES MITHOUT DIPS, HAMPS, OR OTHER IRREGULARTIES.

12. CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR MILL BE REGUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOS SITE CONDITIONS DEFINES THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROFERRY. THIS REGUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS.

I3. INSTALL ALL PIPE AND CONTROL WIRES IN LANDSCAPE BEDS AND IN COMMON TRENCHES WHEREVER POSSIBLE.

14. INSTALL ALL PIPE AND CONTROL WIRE, WHICH RUNS UNDER PAYING, WITHIN SCH. 40 PVC SLEEVES 4° DIA, MINIMAM SIZE AS REQUIRED TO ALLOM INSTALLATION WITHOUT BINDING. PROVIDE (I) SLEEVE PRE PIPE. PROVIDE SEPARATE SLEEVES FOR CONTROL WIRE.

IS. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE FOR COMPLETE DRAINAGE OF THE MAINLINES BY INSTALLING MANUAL DRAINS AS INDICATED ON PLAN AND AT ALL SYSTEM LOW POINTS.

FLUSHING AND TESTING

IT. AFTER FLUSHING, AND WHEN ALL VALVES AND QUICK COUPLERS ARE IN PLACE, ALL MAIN SUPPLY LINES SHALL BE TESTED AT IOD POUNDS PER SQUARE INCH (IOD PS)) WITH VALVES CLOSED. MAINTAIN PRESSURE FOR A PERIOD OF NOT LESS THAN (4) CONSECUTIVE HOURS. ALL JOINTS SHOWING LEAKS SHALL BE CLEANED, REMADE, AND TESTED.

16. OPERATIONAL TESTING: PERFORM OPERATIONAL TESTING AFTER HYDROSTATIC TESTING IS COMPLETED. DEMONSTRATE TO THE OWNERS REPRESENTATIVE THAT THE SYSTEM MEETS COVERAGE REQUIREMENTS (ICOS) AND THAT AUTOMATIC CONTROLS PUNCTION PROPERLY.

SUBMITTALS

14. MATERIALS LIST: MITHIN (IS) DAYS AFTER AWARD OF CONTRACT, SUBMIT TO OWNER'S REPRESENTATIVE (IS) COPIES OF A COMPLETE MATERIAL LIST (PARTIAL LIST NOT ACCEPTABLE) OF ALL MATERIALS TO BE USED ON THE PROJECT, SPECIFINIS MANUFACTURER, ERADE, TRADE NACE, CATALOS INMERS, SIZE, ETC. THIS SHALL IN NO MAY BE CONSTRUED AS ALLONING A SUBSTITUTION FOR MAY TIME SPECIFIED ON THE PLANS. EQUIPMENT OR MATERIALS INSTALLED OF FURNISHED MITHOUT THE PRICE MAINTENANCE OF THE CONTRACTOR REQUIRED TO REMOVED THE MATERIALS AT HIS OWN EXPENSE.

20. PRIOR TO SYSTEM INSTALLATION CONTRACTOR SHALL VERIFY AND SUBMIT TO OWNER'S REPRESENTATIVE IN WRITING, AVAILABLE FLOW AND PRESSURE AT POINT-OF-CONNECTION AS DESCRIBED IN SPECIFICATION 44 ABOVE.

21. COMPLETE WARRANTY CARDS FOR AUTOMATIC CONTROLLER AND OTHER IRRIGATION MATERIAL (CONTROLLER KEYS, ETC.) SHALL BE DELIVERED TO OWNER.

22. CONTRACTOR SHALL PREPARE AND ISSUE TO THE OWNER (AT COMPLETION OF THE INSTALLATION) AN ANNUAL CHART INDICATING LOCATION, OPERATING DATES, CYCLES, AND TIME FOR EACH ZONE.

23. ASBULT IRRIGATION DRANINGS, CONTRACTOR SHALL FURNISH ASBULTS OF THE COMPLETE IRRIGATION SYSTEM. PROCURE FROM ONNERS REPRESENTATIVE DIGITAL COPIES OF CONTRACT DRANINGS, CONSTRUCTION DRANINGS SHALL BE ON THE CONTRACT TRANINGS, CONSTRUCTION DRANINGS SHALL BE ON THE CONTRACTOR SHALL AT ALL TIMES WHILE THE IRRIGATION SYSTEM IS BEING INSTALLED. CONTRACTOR SHALL MAKE A DAILY RECORD OF ALL MORK INSTALLED DURING EACH DAY. ACTUAL LOCATION OF VALVES AND ALL IRRIGATION AND DRAINAGE PIPING SHALL BE SHOWN ON THE FRINTS BY DIMENSIONS FROM EASILY IDENTIFIED SHALLS SHOWN APPROVED MANIFACTURERS NAME AND CATALOS NAMEER. THE DRANINGS SHALL BE TO SCALE AND ALL NEIGHATION SOTED ON THE PRINT SHALL BE TRANSFERRED TO THE COPIES BY CONTRACTOR AND ALL INDICATIONS SHALL BE RECORDED IN A NEAT, ORDERLY MAY. THE RECORDED COPIES SHALL BE URRED OVER TO THE OWNERS REPRESENTATIVE AT OR BEFORE FINAL ACCEPTANCE/APPROVAL OF THE PROJECT.

GUARANTEE/FINAL ACCEPTANCE

24. CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE THE IRRIGATION SYSTEM FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE. MANUFACTURER WARRANTIES SHALL ONLY EXCEED THIS GUARANTEE AND CONTRACTOR SHALL BE LIABLE FOR REPAIRS/REPLACEMENT OF FAILED MATERIAL/MORKMANSHIP.

25. AFTER SYSTEM IS INSTALLED AND APPROVED, INSTRUCT OWNER'S DESIGNATED PERSONNEL IN COMPLETE OPERATION AND MAINTENANCE PROCEDURES. DRAIN ENTIRE SYSTEM AT END OF FIRST WATERING SEASON FOLLONING INSTALLATION. TRAIN OWNER'S DESIGNATED PERSONNEL BY HAVING THEM ASSIST IN WINTERLING PROCEDURE.

. PLAN IS DIAGRAMMATIC ONLY, FINAL LOCATION OF LINES AND HEADS SHALL BE DETERMINED IN THE FIELD AND APPROVED BY THE OWNER'S REPRESENTATIVE. LINES SHALL BE IN A COMMON RENCH WHEREVER POSSIBLE. THE POINT-OF-CONNECTION SHALL BE AS INDICATED ON THE PLAN.

2. THE CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AND ENSURE THAT ALL LOCAL CODES ARE MET.

3. THE CONTRACTOR SHALL APPLY AND PAY FOR ALL PERMITS REQUIRED FOR INSTALLATION OF THE IRRIGATION SYSTEM AS DEPICTED ON THESE PLANS.

4. CONTRACTOR SHALL VERIFY AVAILABLE FLOW AND PRESSURE DOWNSTREAM FROM THE POINT-OF-CONNECTION PRICK TO SYSTEM INSTALLATION. CONTRACTOR SHALL NOTIFY OWNERS REPRESENTATIVE IMMEDIATELY IF AVAILABLE FLOW IS LESS THAN REQUIRED TO RIN THE LARGEST ZONE. CONTRACTOR SHALL NOT PROCEED ANY FURTHER WITH INSTALLATION OF THE SYSTEM UNTIL NECESSARY DESIGN REVISIONS HAVE BEEN DETERMINED BY OWNERS REPRESENTATIONS.

5. THE CONTRACTOR SHALL NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS OR DIFFERENCES IN DIMENSIONS EXIST THAT MIGHT HAVE BEEN UNKNOWN DURING ENGINEERING. SUCH OBSTRUCTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS AUTHORIZED REPRESENTATIVE. IN THE EVENT THIS NOTFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY AT NO ADDITIONAL COST TO OWNER.

9. ALL ELECTRICAL WIRE FROM CONTROLLER TO VALVES SHALL BE 12 GAUGE UL DIRECT BURIAL OR LARGER AS REQUIRED BY LENGTH PER MANUFACTURER'S SPECIFICATIONS.

II. A MINIMAM OF TWO WORKING DAYS PRIOR TO PERFORMING ANY DIGGING, CALL INDERGROUND SERVICE ALERT AT 1-800-227-2600 FOR INFORMATION ON THE LOCATION OF NATURAL GAS LINES, ELECTRICAL CABLES, TELEPHONE CABLES, ETC.

16. PIPING SHALL BE COMPLETELY FLUSHED OF FOREIGN PARTICLES BEFORE ATTACHING IRRIGATION COMPONENTS AND DRAIN VALVES.

INSTALLATION AND PERFORMANCE OF APPROVED SUBSTITUTIONS ARE THE CONTRACTORS RESPONSIBILITY. ANY CHANGES REQUIRED FOR INSTALLATION OF ANY APPROVED SUBSTITUTION MUST BE MADE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE WITHOUT ADDITIONAL COST TO OWNER.

Revision Date

12/2/2022

Washoe County Comments

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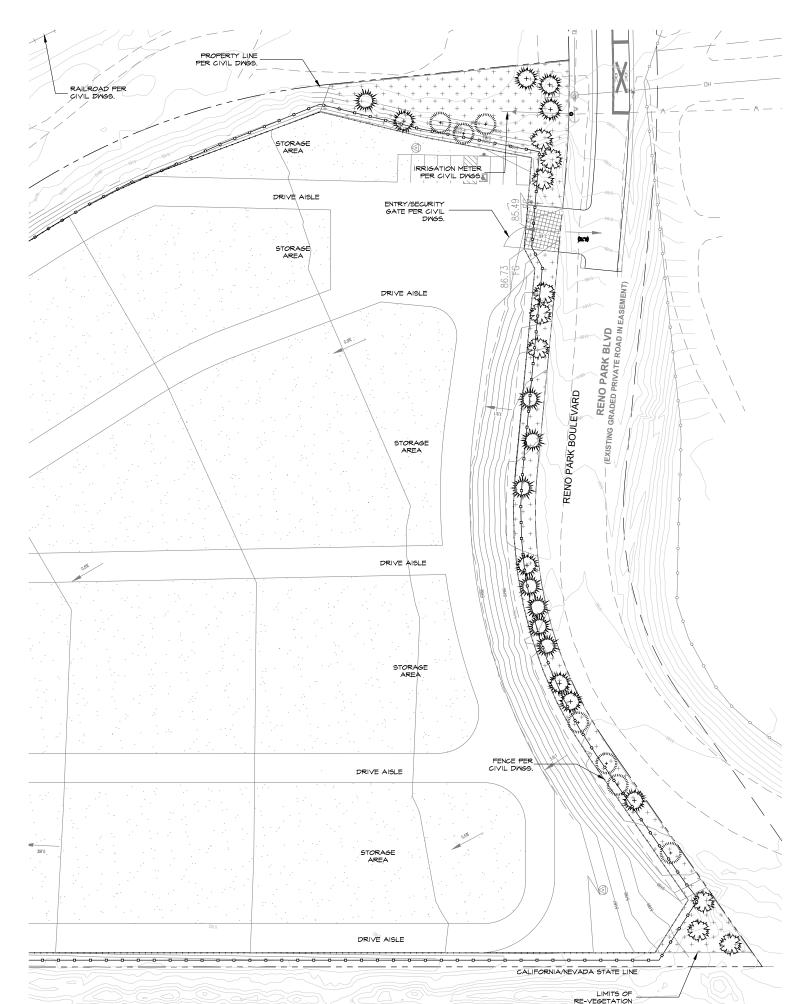
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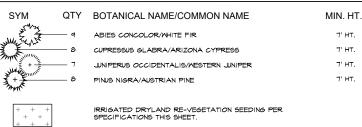
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PLANT LEGEND



NOTE TO CONTRACTOR: TREE SIZES ARE LISTED AT WASHOE COUNTY CODE MINIMIM REQUIREMENTS. ANY TREES PLANTED AT LESS THAN CODE MINIMUM SHALL BE RELPACED AT CONTRAOR'S EXPENSE.

RE-VEGETATION SPECIFICATIONS WITH TEMPORARY IRRIGATION

- 3. SCARIFY PLACED TOPSOIL TO CREATE FRIABLE CONDITIONS, EVENLY BLENDING PLACED TOPSOIL WITH TOP 6" OF SUBGRADE SOIL MATERIAL.
- RE-VEGETATION SEED BLENDS MAY BE APPLIED IN HYDRO-SEED SLURRY. THE APPLICATION RATE (LBS PER ACRE) SHALL BE APPLIED AT A MINIMM RATE OF 31 PLS LBS/ACRE, ALL SEEDING SHALL BE CONDUCTED IN THE FALL OR SPRING. RE-VEGETATION SEEDING SHALL NOT BE CONDUCTED IN HEAT OF SUMMER.

- PROVIDE UNIFORM IRRIGATION COVERAGE TO ALL RE-VEGETATED AREAS PER PLAN, UNTIL SEEDING 19 ESTABLISHED. ALL IRRIGATION SHALL REMAIN IN PLACE AND IN GOOD OFERATING CONDITION UNTIL RECEIPT OF FINAL IMPITTEN APPROVAL OF THE SLOPES FROM ONNER'S REPRESENTATIVE. REMOVE ALL ABOVE-GROUND TEMPORARY IRRIGATION COMPROLENS UPON RECEIPT OF WRITTEN APPROVAL.
- . SET IRRIGATION SCHEDULE AS NEEDED TO MAINTAIN MOIST SOIL SURFACE CONDITIONS DURING GERMINATION AND ESTABLISHMENT, THE MATERING SCHEDULE SHALL INCLUDE SHORT, FREQUENT MATERING CYCLES CONDUCIVE TO CREATING A MOIST SOIL SURFACE WHILE MINIMIZING ANY SURFACE RUNOFF OR RILLS.
- 9. REPAIR ANY SURFACE EROSION/RILLS UPON DISCOVERY.
- IO. CONTRACTOR SHALL MAINTAIN SEEDING UNTIL ESTABLISHED. REPAIR ANY SURFACE EROSION/RILLING UPON DISCOVERY.
- II. COVERAGE REQUIREMENT: ADDITIONAL ANNIAL SEEDING APPLICATIONS (INCLUDING APPROPRIATE TACKIFIER TREATMENTS) MAY BE REQUIRED TO INSURE SUCCESSFUL GERNINATION AND ESTABLISHMENT. FURTHER APPLICATIONS MILL BE REQUIRED UNTIL COVERAGE REQUIREMENTS (CONSISTENT WITH NON-DISTURBED NATURAL CONDITIONS) ARE ACHIEVED AND ACCEPTED BY MASHOE COUNTY.

FUNANTINNIGATION		
SEED BLEND		
SPECIES GRASSES	PLS #/ACRE	
WHEATGRASS STREAMBAN BLUEGRASS SANDBERG	K 4.00 3.00	
MILDRYE GREAT BASIN FESCUE SHEEP	2.00 3.00	
INDIAN RICEGRASS	5.00	
SHRUBS		
SAGEBRUSH WYOMING	.50	
RABBITBRUSH RUBBER	.50	
SALTBUSH FOURWING	2.00	
MORMON TEA GREEN BITTERBRUSH	.50 1.00	
SPINY HOPSAGE	.50	
DESERT PEACH	100	
FLOWERS	1.50	
DRYLAND AGGRESSIVE BL	END 2.00	
NURSE CROP		
RYEGRASS ANNUAL	6.00	
TOTA	L PLS #/ACRE: 31.00	

SEED AVAILABLE FROM COMSTOCK SEED, MINDEN NV

60'

Scale in Feet

90'

30'



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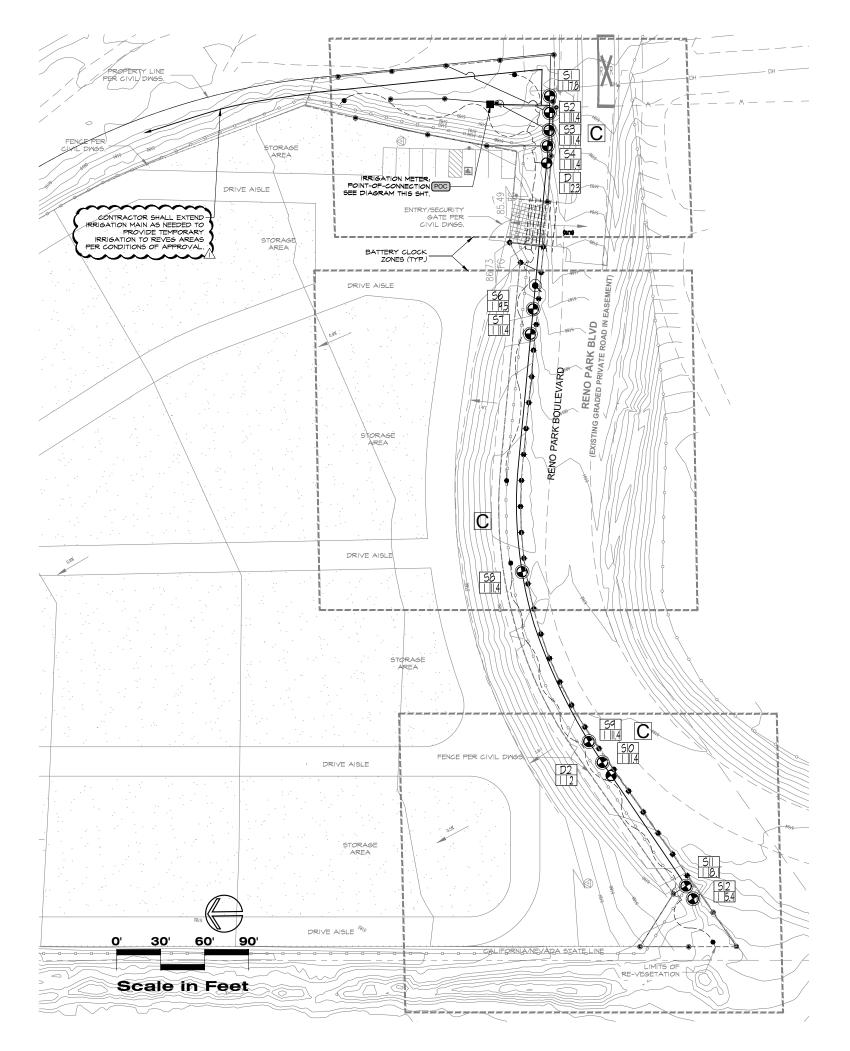
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DRIP IRRIGATION LEGEND

(3) BATTERY-OPERATED IRRIGATION CONTROL CLOCKS: RAIN BIRD TBOS-BT6
6-STATION CONTROLLERS, INSTALL CLOCKS PER MFG'S SPECIFICATIONS, LOCATE IN
VALVE BOXES AS NEEDED.

I" WATER METER: VERIFY SIZE AND LOCATION PER CIVIL DWGS.

I" REDUCED PRESSURE TYPE BACKFLOW PREVENTER: WILKENS 975XL (OAE). INSTALL PER DETAIL(S).

<u>BRASS GATE VALVE</u>: GRINNELL (OAE) FOR MAINLINE ISOLATION. SAME SIZE AS MAINLINE.

BATTERY OPERATED DRIP VALVE ASSEMBLY: RAIN BIRD XCZ-100-PRB-COM COMMERCIAL WIDE FLOW DRIP KIT (0.3-20 GPM).

BATTERY OPERATED SPRAY VALVE: RAIN BIRD PESB (MITH PRS-D MODULE TO PREVENT MISTING IF NEEDED DUE TO HIGH PRESSURE). SIZE PER PLAN.

<u>QUICK COUPLER</u>: RAIN BIRD 44-LRC. PROVIDE OWNER WITH TWO VALVE KEYS (RAIN BIRD 44-K).

VALVE I.D.: STATION #, VALVE SIZE, AND APPROX. G.P.M.

2" MAINLINE: ALL MAINLINES SHALL BE SCH. 40 PVC. INSTALL ALL MAINLINES AT 24" MINIMUM DEPTH. SIZE PER PLAN.

LATERAL PIPES: SCH. 40 PVC LATERAL - SIZE PER CHART. INSTALL AT 18" MINIMUM DEPTH

DRIP DISTRIBUTION TUBING: 3/4" RAIN BIRD XBS9406500 TUBING WITH RAIN BIRD MDCFCAP REMOVABLE FLUSH CAP.

IRRIGATION SLEEVES

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EEVE REQUIREMENTS ALL SLEEVES UNDER STREETS AND PARKING LOTS SHALL BE 4" SCH. 40 MIN. PROVIDE ONE SLEEVE PER PIPE AND ONE SLEEVE FOR WIRING.

 SLEEVES ARE SHOWN ON PLAN TO SHOW INTENT ONLY. CONTRACTOR SHALL FIELD LOCATE SLEEVING AS REQUIRED AT ALL HARDSCAPE/PAVING CROSSINGS.

VALVE BOXES (NOT SHOWN): ALL VALVES SHALL BE LOCATED IN RAIN BIRD PVB PROFESSIONAL SERIES VALVE BOXES PER DETAILS.

EMITTER SCHEDULE

EVERGREEN TREES: (4) RAIN BIRD XERI-BUG 2 GPH PRESSURE COMPENSATING EMITTERS

DESIGN PRESSURE NOTE:

ASSUMED AVAILABLE WATER PRESSURE AT P.O.C. IS 60 PSI. ASSUMED FLOW IS 12 6PM @ 5 FPS. CONTRACTOR TO VERIFY PRIOR TO SYSTEM INSTALLATION. FUTURE PRESSURES MAY VARY DUE TO NEW DEVELOPMENT AND/OR OTHER UNFORESEEN CIRCUMSTANCES. LANDSCAPE ARCHITECT SHALL BEAR NO RESPONSIBILITY FOR FUTURE DEVIATIONS IN PRESSURE AND ANY RESULTING EFFECTS ON THE PERFORMANCE OF THE IRRIGATION SYSTEM.

IRRIGATION MAINLINES ARE SHOWN IN STREET/PAVED AREAS FOR GRAPHIC CLARITY ONLY. WHERE POSSIBLE, ALL IRRIGATION COMPONENTS SHALL BE LOCATED IN PLANTING BEDS.

SPRINKLER HEADS - TEMPORARY IRRIGATION

CONTRACTOR SHALL SELECT SPECIFIC ARC AND NOZZLE AS REQUIRED FOR OPTIMUM SFRAY COVERAGE. INSTALL TEMPORARY IRRIGATION ON ALL RE-VEGETATION AREAS AS INDICATED ON THE PLANS. CONTRACTOR SHALL REMOVE ALL ABOVE-GROUND TEMPORARY IRRIGATION PIPING UPON ESTABLISHMENT AND ACCEPTANCE OF THE RE-VEGETATED AREAS.

SYM SPRINKLER HEAD DESCRIPTION

- RAIN BIRD 2045-PJ MAXI-BIRD, IÔ' RAD. ⊚ 35 PSI (NOZZLE 07 LA AT I.9 GPM)

 ♦ MITH RADIUS REDUCTION SCREM.
 HEAD SPACING ON PLAN IS SHOWN AT APPROX. IÔ FT.

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IRRIGATION LATERAL PIPE SIZE CHART		
PIPE 5IZE 3/4" SCH 40	9- GPM 2-22 GPM 23-30 GPM 31-50 GPM 51-70 GPM	

