

Board of Adjustment Staff Report

Meeting Date: February 03, 2022

Agenda Item: 8D

SPECIAL USE PER	RMIT CASE NUMBER:	WSUP21-003 Truck Effluent	34 (Washoe County Field Creek Water t Fill Station)
BRIEF SUMMARY OF REQUEST:		Construction a station	and operation of a water truck fill
STAFF PLANNER:		Phone Numbe	n, MPA, Senior Planner er: 775.328.3622 m@washoecounty.gov
County Field Creek hearing, discussion use permit to allow t truck fill station (Ut request to reduce tl type by Article 412 Development Code Applicant: Property Owner: Location: APN: Parcel Size: Master Plan: Regulatory Zone:	Case Number WSUP21-0 Water Truck Effluent Fill S and possible action to appi he construction and operati ility Services Use Type) a he landscaping required for , Landscaping, of the Wa Washoe County CSD, Ut Services Division, attn: D Washoe County CSD, Ut Services Division, attn: D On the north side of Arro Parkway, approximately of its intersection with Tre 142-020-06 ± 24.488 Acres Suburban Residential (SI Public and Semi-Public F (PSP)	Station) – For rove a special ion of a water and a related or a Civic use ishoe County illities ivan Menes illities iwayne Smith wcreek 600 feet west emolite Drive	ARROWGREEK/PMW BUTCH-CASSIDX 0 0 0 0 0 0 0 0 0 0 0 0 0
Area Plan: Development Code:	Southwest Truckee Mead Authorized in Article 810 Permits		<u>Vicinity Map</u>

STAFF RECOMMENDATION

2 – Commissioner Lucey

APPROVE

APPROVE WITH CONDITIONS

DENY

POSSIBLE MOTION

District:

I move that, after giving reasoned consideration to the information contained in the staff report and information received during the public hearing, the Washoe County Board of Adjustment approve with conditions Special Use Permit Case Number WSUP21-0034 for Washoe County Community Services Department, Utilities Services Division, with the conditions included as Exhibit A to this matter, having made all five findings in accordance with Washoe County Code Section 110.810.30

(Motion with Findings on Page 10)

Staff Report Contents

Special Use Permit	3
Site Plan	4
Project Evaluation	7
Area Plan Evaluation	8
Reviewing Agencies	8
Recommendation	10
Motion	10
Appeal Process	10

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Exhibits Contents

Conditions of Approval	Exhibit A
Agency Comments	Exhibit B
Public Notice	Exhibit C
Project Application	Exhibit D

Special Use Permit

The purpose of a special use permit is to allow a method of review to identify any potential harmful impacts on adjacent properties or surrounding areas for uses that may be appropriate within a regulatory zone; and to provide for a procedure whereby such uses might be permitted by further restricting or conditioning them so as to mitigate or eliminate possible adverse impacts. If the Board of Adjustment grants an approval of the special use permit, that approval is subject to conditions of approval. Conditions of approval are requirements that need to be completed during different stages of the proposed project. Those stages are typically:

- Prior to permit issuance (i.e. a grading permit, a building permit, etc.)
- Prior to obtaining a final inspection and/or a certificate of occupancy on a structure
- 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 business or project.

The conditions of approval for Special Use Permit Case Number WSUP21-0034 are attached to this staff report and will be included with the action order.

The subject property is designated as Public and Semi Public Facilities (PSP). The proposed use of a water truck effluent fill station which is classified as Utility Services Use Type, which is permissible in PSP with approval of a special use permit per WCC Table 110.302.05.2. Therefore, the applicant is seeking approval of this SUP from the Board of Adjustment.

Additionally, Article 810, Special Use Permits, allows the Board of Adjustment to vary development code standards in conjunction with the approval process per WCC 110.810.20(e). The Board of Adjustment will be ruling on the request(s) to vary standards below:

Variance(s) Requested	Relevant Code
Elimination of required buffering with residential uses	110.412.40(c)



Detail Site Plan



Overall Site Plan



Fill Station Proposed Elevation



Overhead Photo

Project Evaluation

The subject site consists of a large parcel of land with an existing effluent reservoir and there will be a booster pump station construction in the very near future (building permits have already been issued). Both of these are <u>utility services use types</u>, per section 110.304.20(j)(1) of the Washoe County Code. The applicant is requesting approval of a third utility services use type on the subject site. That is a water truck fill station, which allows water trucks to use treated effluent water for dust control on construction sites and other similar uses.

The improvements required for the facility include overhead pipes, as shown on page 5 of this report as well as paved driveway areas. There are residential uses on all sides of the subject parcel. This is a relatively low-intensity use as the facility will be utilized primarily during daylight hours and primarily during the summer months. For this reason, few substantial impacts are anticipated. However, the standard Code requirements for the buffering of a civic use type, such as this, with the surrounding residential uses includes the construction of a solid wall or fence and a landscape buffer around the entire length of the common property lines. Standard Code requirements would result in a minimum of approximately 1.7 acres (±74,745 square feet) of landscaping and approximately 222 trees. The required setback area of both the eastern and western property lines (15 feet in width) as well as the rear (northern) setback area (20 feet in width) are required to be landscaped and one tree is required every 20 linear feet. The applicant has requested that these standards be waived by the Board. The applicant is proposing approximately 17,250 square feet of landscape area and installation of 55 trees. Staff is generally in favor of reducing the overall required landscaping as the facility itself is proposed to take up a relatively small part of the overall site. Staff recommendation includes, and conditions of approval have been included with the recommendation that the plans as submitted are generally acceptable with the addition of 22 evergreen trees to the east of the proposed facility. The 22 trees proposed represent 10% of the trees otherwise required. The eastern property line, is in the closest proximity to adjacent residences.

Other possible impacts include unauthorized access to the remaining undeveloped part of the subject site, by motor vehicles. For this reason, staff has included recommended conditions of approval to require boulders, bollards, or other barriers acceptable to the Director of Planning and Building, to be placed around the perimeter of the proposed driveway area to inhibit vehicular access to the remainder of the site. Likewise, conditions of approval to require a gate at the north end of the driveway have been included.

With the conditions of approval, as included with this report, staff is in support of approval.

Area Plan Evaluation

The subject parcel is located within the Southwest Truckee Meadows Area Plan. There are no particularly pertinent policies from the Area Plan.

Reviewing Agencies

The following agencies/individuals received a copy of the project application for review and evaluation.

Agency	Sent to Review	Responded	Provided Conditions	Contact
Nevada Div. of Wildlife				
Washoe County Building & Safety	\boxtimes			
Washoe County Parks & Open Spaces	\boxtimes			

Washoe County Water Rights	\boxtimes			
Washoe County Engineering	\boxtimes	\boxtimes		Timber Weiss tweiss@washoecounty.gov
Washoe County Sherriff	\boxtimes			
WCHD – Air Quality	\boxtimes	\boxtimes		
WCHD – Environment Health	\boxtimes			
WCHD- EMS	\boxtimes			
Truckee Meadows Fire Protection District	\boxtimes	\boxtimes	\boxtimes	Brittany Lemon blemon@tmfpd.us
RTC Washoe	\boxtimes			
Washoe Storey Conservation District	\boxtimes	\boxtimes	\boxtimes	
Washoe Tribe of Nevada	\boxtimes			

All conditions required by the contacted agencies can be found in Exhibit A, Conditions of Approval.

Staff Comment on Required Findings

WCC Section 110.810.30, Article 810, *Special Use Permits*, requires that all of the following findings be made to the satisfaction of the Washoe County Board of Adjustment before granting approval of the request. Staff has completed an analysis of the special use permit application and has determined that the proposal is in compliance with the required findings as follows.

1. <u>Consistency.</u> That the proposed use is consistent with the action programs, policies, standards and maps of the Master Plan and the Southwest Truckee Meadows Area Plan.

<u>Staff Comment:</u> The proposed use is consistent with the action programs, policies, standards and maps of the Master Plan and there are no particularly relevant Southwest Truckee Meadows Area Plan modifiers.

2. <u>Improvements.</u> 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.

<u>Staff Comment:</u> Subject to compliance with the recommended conditions of approval, 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 can be made in accordance with Division Seven

3. <u>Site Suitability.</u> That the site is physically suitable for a water truck fill station (Utility Services Use Type), and for the intensity of such a development.

<u>Staff Comment</u>: There are two Utility Services Use Type installations on the subject site at this time, the site is suitable for the addition of a water truck fill station.

4. <u>Issuance Not Detrimental.</u> 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.

<u>Staff Comment</u>: Subject to compliance with the recommended conditions of approval, 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. <u>Effect on a Military Installation.</u> Issuance of the permit will not have a detrimental effect on the location, purpose or mission of the military installation.

<u>Staff Comment</u>: There is no military installation within the required noticing distance surrounding this project, therefore there can be no detrimental effect.

Recommendation

After a thorough analysis and review, Special Use Permit Case Number WSUP21-0034 is being recommended for approval with conditions. Staff offers the following motion for the Board's consideration.

<u>Motion</u>

I move that, after giving reasoned consideration to the information contained in the staff report and information received during the public hearing, the Washoe County Board of Adjustment approve with conditions Special Use Permit Case Number WSUP21-0034 for Washoe County Community Services Department, Utilities Services Division, with the conditions included as Exhibit A to this matter, having made all five findings in accordance with Washoe County Code Section 110.810.30:

- 1. <u>Consistency.</u> That the proposed use is consistent with the action programs, policies, standards and maps of the Master Plan and the Southwest Truckee Meadows Area Plan;
- 2. <u>Improvements.</u> 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. <u>Site Suitability.</u> That the site is physically suitable for a water truck fill station (Utility Services Use Type), and for the intensity of such a development;
- 4. <u>Issuance Not Detrimental.</u> 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. <u>Effect on a Military Installation.</u> Issuance of the permit will not have a detrimental effect on the location, purpose or mission of the military installation.

Appeal Process

Board of Adjustment action will be effective 10 calendar days after the written decision is filed with the Secretary to the Board of Adjustment and mailed to the applicant, unless the action is appealed to the Washoe County Board of County Commissioners, in which case the outcome of the appeal shall be determined by the Washoe County Board of County Commissioners. Any appeal must be filed in writing with the Planning and Building Division within 10 calendar days from the date the written decision is filed with the Secretary to the Board of Adjustment and mailed to the applicant.

Applicant: Email:	Washoe County CSD, Utilities Services Division., Dylan Menes, dmenes@washoecounty.gov
Property Owner: Email:	Washoe County CSD, Utilities Services Division., Dwayne Smith, desmith@washoecounty.gov
Consultant:	Kimley Horn and Associates., Attn: Christian Heinbaugh 7900 Rancharrah Parkway, Suite 100 Reno, NV 89511



Conditions of Approval

Special Use Permit Case Number WSUP21-0034

The project approved under Special Use Permit Case Number WSUP21-0034 shall be carried out in accordance with the conditions of approval granted by the Board of Adjustment on February 3, 2022. 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, Senior Planner, 775.328.3622, rpelham@washoecounty.gov

- 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. 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 within two years from the date of approval by Washoe County. 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. In addition to the landscaping shown on the application materials the final plans shall include 22 additional evergreen trees to be located to the east of the water truck fill station.
- e. The plans shall include boulders (36" minimum diameter), bollards, or other barriers acceptable to the Director of Planning and Building, to be placed around the perimeter of the proposed driveway area to inhibit vehicular access to the remainder of the site. The distance between barriers shall be 48 inches or less.
- f. A gate shall be placed at the northern end of the proposed asphalt driveway. The gate shall remain locked such that vehicular access is granted only to authorized individuals.
- g. All disturbed areas shall be revegetated with a seed mix of native flora. Temporary irrigation shall be provided to all revegetated areas for a time period of not less than three years or until the disturbed areas have 70% vegetative coverage, whichever is greater.
- h. 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 water truck fill station remains in operation.

Truckee Meadows Fire Protection District

2. The following condition is a requirement of the Truckee Meadows Fire Protection District, which shall be responsible for determining compliance with this condition.

Contact Name – Brittany Lemon, 775.326.6079, blemon@tmfpd.us

a. This project shall meet and comply with all requirements of currently adopted TMFPD fire codes, ordinances, and standards at the time of construction to include infrastructure for fire apparatus access roads and water supply. <u>https://tmfpd.us/fire-code/</u>

Washoe County Engineering

3. The following condition is a requirement of the Washoe County Engineering Division, which shall be responsible for determining compliance with this condition.

Contact Name – Rob Wimer, P.E. (775) 328-2059, rwimer@washoecounty.gov

- a. A complete set of construction improvement drawings, including an on-site grading plan, shall be submitted when applying for a building/grading permit. Grading shall comply with best management practices (BMP's) 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. Cross-sections indicating cuts and fills shall be submitted when applying for a grading permit. Estimated total volumes shall be indicated.
- c. All disturbed areas left undeveloped for more than 30 days shall be treated with a dust palliative. Disturbed areas left undeveloped for more than 45 days shall be revegetated. Methods and seed mix must be approved by the County Engineer.
- d. All roadway improvements necessary (including but not limited to, curb, gutter, sidewalk, signing and striping, driveway access, and street lighting) to serve the project shall be designed and constructed to County standards and specifications to the satisfaction of the County Engineer.
- e. An approved occupancy permit shall be obtained from the City of Reno, for access to, from, or under roads and highways maintained by the City of Reno and a copy of said permit sent to the Engineering Division.
- f. The minimum pavement structural section shall be five inches (5") of asphalt over six inches (6") of granular base for roadways with a right-of-way of one hundred feet (100') in width.
- g. The applicant shall submit a detailed geotechnical analysis and report for pavement design recommendations to the County Engineer for review and approval. The report shall be based on the estimated traffic loadings for a 20-year design life and shall include assumptions concerning the distribution of trucks and buses, to include project

construction truck traffic. The resultant pavement thickness in the geotechnical analysis must be used if the report indicates a structural section that is stronger than minimum if required.

h. All regulatory traffic signs, pavement striping and markings shall meet County standards and the Manual on Uniform Traffic Control Devices.

*** End of Conditions ***

From:	Rosa, Genine
To:	Pelham, Roger
Subject:	December Agency Review Memo II - Item #2 Revision
Date:	Wednesday, December 22, 2021 9:52:57 AM

Special Use Permit Case Number WSUP21-0034 (Washoe County Field Creek Water Truck Effluent Fill Station)

Disturbance proposed is <1 acre and therefore no Dust Control Permit will be required, should the disturbance become 1 acre or greater a dust control permit would be required. Any disturbance still subject to dust regulations in <u>040.030</u>. Visit <u>www.OurCleanAir.com</u> for more information.

P.S. – Please be sure to click the link below and sign up to receive air quality news, updates, public notices and more via e-mail.

Genine Rosa

Environmental Engineer II | Air Quality Management Division | Washoe County Health District grosa@washoecounty.gov | O: (775) 784-7204 | 1001 E. Ninth St., Bldg. B, Reno, NV 89512

*My schedule is 4 x 10's M-Th 7-5:30 off on Fridays.

www.OurCleanAir.com | Subscribe to get Air Quality Updates!



Please take our customer satisfaction survey by clicking here

From: To: Subject: Date: Attachments: Kirschenman, Sophia Pelham, Roger Parks Comments Re: WSUP21-0034 Tuesday, December 28, 2021 7:48:47 AM Outbook-hascvam0.pna Outbook-blqnbv3j.pnq Outbook-blqnbv3j.pnq Outbook-babbua0.pna Outbook-pabbua0.png

Hi Roger,

I've reviewed WSUP21-0034 (Washoe County Field Creek Water Truck Effluent Fill Station) on behalf of Washoe County Regional Parks and Open Space and have no comments or conditions.

Thank you,



Sophia Kirschenman Park Planner | Community Services Department 775.328.3623 | 1001 E. 9th Street, Reno, NV 89512



WASHOE COUNTY 1001 EAST 9" 51 KEET RENO, NEVADA 89512

PHONE (775) 328-3600 FAX (775) 328.3699

- Date: December 22, 2021
- To: Roger Pelham, Planner
- From: Robert Wimer, P.E., Licensed Engineer
- Special Use Permit for Washoe County Field Creek Water Truck Effluent Fill Station WSUP21-Re: 0034 APN 142-020-06

GENERAL PROJECT DISCUSSION

Washoe County Engineering staff has reviewed the above referenced application. The Special Use Permit is to add to the land use to provide a permanent truck fill station to allow for construction trucks use of reclaim water from this site and is located on approximately 0.99 acres in on the north side of Arrowcreek Parkway, west of Tremolite Drive. The Engineering and Capital Projects Division recommends approval with the following comments and conditions of approval which supplement applicable County Code and are based upon our review of the site and the application prepared by Kimley-Horn and Associates. The County Engineer shall determine compliance with the following conditions of approval.

For questions related to sections below, please see the contact name provided.

GENERAL CONDITIONS

Contact Information: Rob Wimer, P.E. (775) 328-2059

- 1. A complete set of construction improvement drawings, including an on-site grading plan, shall be submitted when applying for a building/grading permit. Grading shall comply with best management practices (BMP's) 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.
- 2. Cross-sections indicating cuts and fills shall be submitted when applying for a grading permit. Estimated total volumes shall be indicated.
- 3. All disturbed areas left undeveloped for more than 30 days shall be treated with a dust palliative. Disturbed areas left undeveloped for more than 45 days shall be revegetated. Methods and seed mix must be approved by the County Engineer.

DRAINAGE (COUNTY CODE 110.416, 110.420, and 110.421) Contact Information: Robert Wimer, P.E. (775) 328-2059

1. No drainage related comments.

QUALITY PUBLIC SERVICE

WWW.WASHOECOUNTY.US

Subject: Washoe County Field Creek Water Truck Effluent Station WSUP21-0034 Date: December 22, 2021 Page: 2

TRAFFIC AND ROADWAY (COUNTY CODE 110.436)

Contact Information: Mitchell Fink, P.E. (775) 328-2050

- All roadway improvements necessary (including but not limited to, curb, gutter, sidewalk, signing and striping, driveway access, and street lighting) to serve the project shall be designed and constructed to County standards and specifications to the satisfaction of the County Engineer.
- An approved occupancy permit shall be obtained from the City of Reno, for access to, from, or under roads and highways maintained by the City of Reno and a copy of said permit sent to the Engineering Division.
- The minimum pavement structural section shall be five inches (5") of asphalt over six inches (6")
 of granular base for roadways with a right-of-way of one hundred feet (100') in width.
- 4. The applicant shall submit a detailed geotechnical analysis and report for pavement design recommendations to the County Engineer for review and approval. The report shall be based on the estimated traffic loadings for a 20-year design life and shall include assumptions concerning the distribution of trucks and buses, to include project construction truck traffic. The resultant pavement thickness in the geotechnical analysis must be used if the report indicates a structural section that is stronger than minimum if required.
- All regulatory traffic signs, pavement <u>striping</u> and markings shall meet County standards and the Manual on Uniform Traffic Control Devices.

UTILITIES (County Code 422 & Sewer Ordinance) Contact Information: Tim Simpson, P.E. (775) 954-4648

1. No utilities related comments.







Community Services Department

Planning and Building

SPECIAL USE PERMIT (see page 7)

SPECIAL USE PERMIT FOR GRADING (see page 9)

SPECIAL USE PERMIT FOR STABLES (see page 12)

APPLICATION



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

Telephone: 775.328.6100

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		Staff Assigned Case No.:		
Project Name:				
Project Description:				
Project Address:				
Project Area (acres or square fe	et):			
Project Location (with point of reading to the second seco	eference to major cross	s streets AND area locator):		
Assessor's Parcel No.(s):	Parcel Acreage:	Assessor's Parcel No.(s):	Parcel Acreage:	
Indicate any previous Wash Case No.(s).	oe County approva	s associated with this application	tion:	
Applicant In	f ormation (attach	additional sheets if necess	sary)	
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):		

Property Owner Affidavit

Applicant Name: Washoe County Community Services Department

The receipt of this application at the time of submittal does not guarantee the application complies with all requirements of the Washoe County Development Code, the Washoe County Master Plan or the applicable area plan, the applicable regulatory zoning, or that the application is deemed complete and will be processed.

STATE OF NEVADA

AYNE

being duly sworn, depose and say that I am the owner* of the property or properties involved in this application as listed below and that the foregoing statements and answers herein contained and the information herewith submitted are in all respects complete, true, and correct to the best of my knowledge and belief. I understand that no assurance or guarantee can be given by members of Planning and Building.

(A separate Affidavit must be provided by each property owner named in the title report.)

Assessor Parcel Number(s): 142-020-06

	Printed Name DWAYNE SMITH
	Signed Signed
	Address 1001 E. 912 St. RIND, NU 8501
Subscribed and sworn to before me this day of <u>December</u> , 2021.	(Notary Stamp)
Notary Public in and for said county and state	LACEY KERFOOT Notary Public - State of Nevada Appointment Recorded in Washoe County
My commission expires: 01/27/2025	No: 21-5470-02 - Expires January 27, 2025

*Owner refers to the following: (Please mark appropriate box.)

- Owner
- Corporate Officer/Partner (Provide copy of record document indicating authority to sign.)
- Dever of Attorney (Provide copy of Power of Attorney.)
- Owner Agent (Provide notarized letter from property owner giving legal authority to agent.)
- Property Agent (Provide copy of record document indicating authority to sign.)
- Letter from Government Agency with Stewardship

Special Use Permit Application Supplemental Information

(All required information may be separately attached)

1. What is the project being requested?

Add a deceleration lane in the ROW and approximately 0.4 acres of pavement on the parcel to provide access for a new truck effluent water fill facility at the existing County reclaim water reservoir and pump station site. This project also requests a modification to vary land use standards to modify landscape requirements of

residential buffering by providing for double the required landscaping of 20% of the
 Provide a site plan with all existing and proposed structures (e.g. new structures, roadway improvements, utilities, sanitation, water supply, drainage, parking, signs, etc.)

See plans for the site layout.

3. What is the intended phasing schedule for the construction and completion of the project?

This project is intended to be constructed in one phase in 2022.

4. What physical characteristics of your location and/or premises are especially suited to deal with the impacts and the intensity of your proposed use?

The site is generally flat for truck access, adjacent to a collector roadway, and has existing effluent infrastructure and matches the existing use.

5. What are the anticipated beneficial aspects or affects your project will have on adjacent properties and the community?

This site will provide a local construction water truck-fill site that provides reclaimed water which will reduce the community need on precious potable water higher value uses than construction, and may also reduce truck traffic in some instances by bringing construction water access closer to where it is needed.

- 6. What are the anticipated negative impacts or affect your project will have on adjacent properties? How will you mitigate these impacts?
- 7. Provide specific information on landscaping, parking, type of signs and lighting, and all other code

Two flood lights are specified and will include side shields and occupancy sensors to limit the time that they are on. Only small roadway, as required by MUTCD, and effluent warning signs, as required by NPED permit, are proposed. Landscaping has been developed to shield the minimal above grade improvements from the roadway and adjacent homes. This project is requesting a modification to the required residential landscape buffering. In lieu of one tree every twenty feet of parcel bordering residential parcels this project is providing an additional landscaping above the 20% requirement. 8. Are there any restrictive covenants, recorded conditions, or deed restrictions (CC&Rs) that apply to the area subject to the special use permit request? (If so, please attach a copy.)

🖵 Yes	🗖 No
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9. Utilities:

a. Sewer Service	
b. Electrical Service	
c. Telephone Service	
d. LPG or Natural Gas Service	
e. Solid Waste Disposal Service	
f. Cable Television Service	
g. Water Service	

For most uses, Washoe County Code, Chapter 110, Article 422, Water and Sewer Resource Requirements, requires the dedication of water rights to Washoe County. Please indicate the type and quantity of water rights you have available should dedication be required.

h. Permit #	acre-feet per year	
i. Certificate #	acre-feet per year	
j. Surface Claim #	acre-feet per year	
k. Other #	acre-feet per year	

Title of those rights (as filed with the State Engineer in the Division of Water Resources of the Department of Conservation and Natural Resources).

	NA
--	----

10. Community Services (provided and nearest facility):

a. Fire Station	
b. Health Care Facility	
c. Elementary School	
d. Middle School	
e. High School	
f. Parks	
g. Library	
h. Citifare Bus Stop	

Special Use Permit Application for Grading Supplemental Information

(All required information may be separately attached)

1. What is the purpose of the grading?

To provide driveway access to and from the fill station pads and grading for fill station pads themselves.

2. How many cubic yards of material are you proposing to excavate on site?

2,500 +/- CY

3. How many square feet of surface of the property are you disturbing?

43,100 +/- SF including new

landscaping.

4. How many cubic yards of material are you exporting or importing? If none, how are you managing to balance the work on-site?

684 CY of import for driveway pavement section (AB and AC)

5. Is it possible to develop your property without surpassing the grading thresholds requiring a Special Use Permit? (Explain fully your answer.)

Yes, the work associated with this project does not meet the requirements for a Special Use Permit for grading, see below.

6. Has any portion of the grading shown on the plan been done previously? (If yes, explain the circumstances, the year the work was done, and who completed the work.)

The existing project area is partially developed. Portions of the proposed grading have been done in accordance with the 1996/1997 SUPs that created the access driveway for the existing facility. The the grading plan was strategically developed to closely match existing grades and lie within the existing access way on site.

7. Have you shown all areas on your site plan that are proposed to be disturbed by grading? (If no, explain your answer.)

Yes

8. Can the disturbed area be seen from off-site? If yes, from which directions and which properties or roadways?

Yes, the disturbed area will be slightly visible from Arrowcreek Parkway south of the project area and will be constructed over the existing unpaved road; however the proposed grading is very close to the existing grading and will now be shielded by strategically located landscaping.

9. Could neighboring properties also be served by the proposed access/grading requested (i.e. if you are creating a driveway, would it be used for access to additional neighboring properties)?

No

10. What is the slope (horizontal/vertical) of the cut and fill areas proposed to be? What methods will be used to prevent erosion until the revegetation is established?

The proposed minor fill slope (1'+/-) adjacent to the driveway is 3:1 and there will be a silt fence installed prior to construction at the toe of slope. All existing inlets will be protected using BMPs.

11. Are you planning any berms?

Yes No If yes, how tall is the berm at its highest?

12. If your property slopes and you are leveling a pad for a building, are retaining walls going to be required? If so, how high will the walls be and what is their construction (i.e. rockery, concrete, timber, manufactured block)?

N/A

13. What are you proposing for visual mitigation of the work?

The proposed work will be visually mitigated with strategic landscaping, brown paint matching existing infrastructure, and downcast shielded lights on occupancy sensors and access controls.

14. Will the grading proposed require removal of any trees? If so, what species, how many and of what size?

No

15. What type of revegetation seed mix are you planning to use and how many pounds per acre do you intend to broadcast? Will you use mulch and, if so, what type?

No revegetation is proposed due to minimal disturbance to the site.

16. How are you providing temporary irrigation to the disturbed area?

Water trucks will be used by contractor to provide dust suppression. Permanent irrigation for landscape improvements included on the plans.

17. Have you reviewed the revegetation plan with the Washoe Storey Conservation District? If yes, have you incorporated their suggestions?

N/A

18. Are there any restrictive covenants, recorded conditions, or deed restrictions (CC&Rs) that may prohibit the requested grading?

Yes No If yes, please attach a copy.	Yes N	No	
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- REGULATIONS. THE CONTRACTOR IS REQUIRED TO SUPPRESS DUST AT ALL TIMES, REGARDLESS OF WHEN CONSTRUCTION ACTIVITIES ARE OCCURRING. THE CONTRACTOR SHALL OBTAIN A STORMWATER GENERAL OR A SURFACE AREA DISTURBANCE PERMIT FROM THE NEVADA DEPARTMENT OF ENVIRONMENTAL PROTECTION AS REQUIRED, AND SHALL COMPLY WITH ITS REQUIREMENTS FOR DUST CONTROL ON ALL APPLICABLE PROJECTS.
- 6.THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES AND OTHER INFRASTRUCTURE THROUGHOUT CONSTRUCTION. DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE.
- 7.CONTRACTOR SHALL ENSURE NO ENCROACHMENT INTO ADJACENT PROPERTIES OCCURS 8.TRAFFIC CONTROL, CONSTRUCTION SIGNS, AND BARRICADES SHALL CONFORM TO THE
- REQUIREMENTS OF THE MUTCD, LATEST EDITION (MAY, 2012). 9. THE CONTRACTOR SHALL COOPERATE WITH ANY OTHER CONTRACTORS OR UTILITY AGENCIES WORKING WITHIN THE CONSTRUCTION AREA.
- 10. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH SSPWC, THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE COUNTY SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE SPECIFICATION AND DETAIL SHALL BE FOLLOWED.
- 11. THE CONTRACTOR SHALL FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE AUTHORITIES' SPECIFICATIONS AND REQUIREMENTS.
- 12. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS. 13. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE PROVIDED BY THE TOPOGRAPHIC SURVEY PREPARED BY THE PROJECT SURVEYOR, AND ARE BASED ON THE BENCHMARKS SHOWN. THE CONTRACTOR SHALL REFERENCE THE SAME BENCHMARKS.
- 14. THE CONTRACTOR SHALL REVIEW AND VERIFY THE EXISTING TOPOGRAPHIC SURVEY SHOWN ON THE PLANS REPRESENTS EXISTING FIELD CONDITIONS PRIOR TO CONSTRUCTION, AND SHALL

- UNKNOWN PUBLIC AND PRIVATE UTILITIES. 19. THE LOCATIONS, ELEVATIONS, DEPTH, AND DIMENSIONS OF EXISTING UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM AVAILABLE UTILITY COMPANY MAPS AND PLANS, AND ARE CONSIDERED APPROXIMATE AND INCOMPLETE. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO
- ADEQUATE CLEARANCES. THE ENGINEER SHALL BE NOTIFIED WHEN A PROPOSED IMPROVEMENT CONFLICTS WITH AN EXISTING UTILITY. FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE
- METHOD TO USE FOR SUCH WORK. 21. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS. APPROVALS, AND BONDS PRIOR TO CONSTRUCTION. A CITY OF RENO EXCAVATION AND ENCROACHMENT PERMIT WILL BE REQUIRED.
- 22. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES A COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS, GEOTECHNICAL REPORT AND ADDENDA, PROJECT AND COUNTY SPECIFICATIONS, AND SPECIAL CONDITIONS, COPIES OF ANY REQUIRED CONSTRUCTION PERMITS, EROSION CONTROL PLANS, SWPPP AND INSPECTION REPORTS.
- 23. ALL SHOP DRAWINGS AND OTHER DOCUMENTS THAT REQUIRE ENGINEER REVIEW SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN ADVANCE OF CONSTRUCTION OF THAT ITEM, SO THAT NO LESS THAN 10 BUSINESS DAYS FOR REVIEW AND RESPONSE IS AVAILABLE.
- 24. CONTRACTOR SHALL PROVIDE A COMPLETE SYSTEM CONSISTING OF PUMPS, FUEL MANAGMENT

FIELD CREEK EFFLUENT FILL STATION AND ARROWCREEK PARKWAY **IMPROVEMENT PROJECT** WASHOE COUNTY COMMUNITY SERVICES DEPARTMENT PUBLIC WORK PROJECT NO. PWP-WA-2021-279

PROJECT SITE ZOLEZZI LN ARROWCREEK PKWY SILVER WOLF RE MOUNT ROSE HW NORTH SITE MAP – N.T.S.

18. CONTRACTOR SHALL USE EXTREME CAUTION AS THE SITE CONTAINS VARIOUS KNOWN AND

VERIFY THE PRESENCE, LOCATION, ELEVATION, DEPTH, AND DIMENSION OF EXISTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION SO THAT ADJUSTMENTS CAN BE MADE TO PROVIDE

- UNIT. SUPPLY POWER, AND SYSTEM CONTROLS SUITABLE FOR A COMPLETE AND FULLY FUNCTIONING FILL STATION SYSTEM.
- 25.IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE MATERIALS, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND COUNTY SPECIFICATIONS.
- 26. ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS CONDITIONS THAT MAY AFFECT CONSTRUCTION. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE OUTSIDE OF THE WORK AREA WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE
 - 27. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, UTILITIES, MANHOLES, POLES, GUY WIRES, VALVE COVERS, VAULT LIDS, FIRE HYDRANTS, COMMUNICATION BOXES/PEDESTALS, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT NO COST TO THE OWNER.
 - 28. THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE PROPERTY OR PUBLIC IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO: FENCES, WALLS, SIGNS, PAVEMENT, CURBS, UTILITIES, SIDEWALKS, GRASS, TREES, LANDSCAPING, AND IRRIGATION SYSTEMS, ETC TO ORIGINAL CONDITION OR BETTER AT NO COST TO THE OWNER.
 - 29. ALL AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY SITE CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITION OR BETTER, INCLUDING AS NECESSARY GRADING, LANDSCAPING, CULVERTS, AND PAVEMENT.
 - 30. THE CONTRACTOR SHALL REMOVE AND PROTECT ALL EXISTING POWER POLES, SIGNS, WATER VALVES, FIRE HYDRANTS, METERS, ETC. THAT ARE TO BE REMOVED DURING CONSTRUCTION. THESE FACILITIES SHALL BE PROVIDED TO THE FACILITY OWNER IF THEY ARE NOT CALLED TO BE REINSTALLED ON SITE.
 - 31. CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING DITCHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.
- 20. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTORS' 32. SITE SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
 - 33. THESE PLANS DO NOT EXTEND TO OR INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONTRACTOR OR ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE ENGINEER'S SEAL HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF ALL REQUIRED SAFETY PROCEDURES AND PROGRAMS.
 - 34.SIGNS RELATED TO SITE OPERATION OR SAFETY ARE NOT INCLUDED IN THESE PLANS.
 - 35. CONTRACTOR OFFICE AND STAGING AREA SHALL BE AGREED ON BY THE OWNER AND CONTRACTOR PRIOR TO BEGINNING OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITTING REQUIREMENTS FOR THE CONSTRUCTION OFFICE, TRAILER, STORAGE, AND STAGING OPERATIONS AND LOCATIONS.
 - 36. CONTRACTOR SHALL KEEP A NEAT AND ACCURATE RECORD OF CONSTRUCTION, INCLUDING ANY DEVIATIONS OR VARIANCES FROM THE PLANS.
 - 37. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT PLANS TO THE ENGINEER AND COUNTY IDENTIFYING ALL DEVIATIONS AND VARIATIONS FROM THESE PLANS MADE DURING CONSTRUCTION.

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1-1/2" STEEL BOLT

	SHEET LIST
EET NUMBER	SHEET TITLE
G1	TITLE SHEET
C1	EROSION CONTROL AND DEMOLITION
C2	SITE PLAN
C3	FILL STATION PLAN AND SECTION
C4	DRIVEWAY PLAN & PROFILE
C5	EFFULENT LINE PLAN & PROFILE
C6	STRIPING AND SIGNAGE
D1	DETAIL 01 OF 04
D2	DETAIL 02 OF 04
D3	DETAIL 03 OF 04
D4	DETAIL 04 OF 04
E1	ELECTRICAL PLAN
E2	ELECTRICAL PLAN
E3	ELECTRICAL DETAILS
E4	ELECTRICAL DETAILS
E5	ELECTRICAL DETAILS
L1	LANDSCAPE PLAN
L2	LANDSCAPE DETAILS
L3	IRRIGATION PLAN
L4	IRRIGATION DETAILS
L5	SPECIFICATIONS
S1	FILL STATION STRUCTURAL DETAILS

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PROPOSED PROPERTY POINT OF VERTICAL CURVE OINT OF VERTICAL INTERSECTION REINFORCED CONCRETE PIPE RESTRAINED MECHANICAL JOIN RIGHT-OF-WAY POINT OF REVERSE CURVE RIGHT STORM DRAIN STORM DRAIN MANHOLE SILT FENCE SITE IMPROVEMENT PERMI STREET LIGHT SANITARY SEWER SANITARY SEWER MANHOLE STATION STORM WATER POLLUTION PREVENTION PLAN **TELEPHONE** TYPICAL VERTICAL CURVE VATER MAIN

G EXHIBIT D

1-800-642-2444






























PLAN VIEW NOT TO SCALE



PROFILE VIEW

BILL OF MATERIALS				
QTY	DESCRIPTION			
1	MANHOLE D7286x15 FLAT TOP 3660 E			
1	72IN MANHOLE FLAT TOP			
3	72IN MANHOLE BARREL			
1	72IN MANHOLE BASE			
5	PIPE 4IN FLG X PE DUCTILE IRON SPOOL 2FT			
8	90 DEG ELBOW 4IN DUCTILE IRON FLG			
4	SWING CHECK VALVE 4IN VAL-MATIC 504A			
2	PIPE 4IN FLG X FLG DUCTILE IRON SPOOL 6IN			
1	PUMP PEDESTAL			
2	PUMP STAND			
2	SUBMERSIBLE PUMP HOMA AMX446-190/2.8T/C			
2	PIPE 4IN FLG X FLG DUCTILE IRON SPOOL 5FT			
2	PLUG VALVE 4IN FLG W/ HANDWHEEL FBE INT AND EXT VAL-MATIC			
	5804RXF/7A08			
2	RFCA 4IN W/ SS HARDWARE ROMAC			
3	CONNECTOR BOOT S106-8SRWS CORE-SEAL ASTM C923/C1644 WEDGE			
	SDR-35 HOLE-8 4.20-6.40			
1	TEE 4IN DUCTILE IRON			
14	LADDER STEP RUNG POLYMER MH ASTM-C-478 9-3/16 X 13IN PS2-PF-DF			
2	ELECTRIC OPERATOR 6" WATER SPECIALTIES MODEL ML04D FLOW METER			
PUMP CHARACTERISTICS				
	1 1 3 1 5 8 4 2 1 2 2 2 2 2 2 3 1 14			

DESCRIPTION	VALUE
DUTY POINT	200 gpm @ 60.5' TDH
MANUFACTURER	НОМА
MODEL NUMBER	AVX444-210/13.0ET
PUMP TYPE	VERTICAL DRY INSTALLATION
MOTOR SIZE	13 HP
REQUIRED POWER SUPPLY	230 V / 3 Phase / 31.6 Amps

NOTE: DUPLEX DRY PIT STATION TO BE COMPLETE PACKAGE AS SHOWN OR ENGINEER APPROVED EQUAL CAPABLE OF PRODUCING 200 GPM @ 60.5' TDH WITH A SUPPLY SUCTION DEPTH OF APPROXIMATELY 14' BELOW EXISTING GRADE.



3. SADDLES SHALL BE INSTALLED AT 45 DEGREES TO MAIN AS SHOWN IN SECTION A-A. IN NO CASE SHALL A LATERAL CONNECTING TO THE EXISTING SEWER MAIN BE LOCATED DIRECTLY ON TOP OF THE PIPE, NOR SHALL IT MATCH THE FLOWLINE OF THE PIPE.

	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	DR	AWIN
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KLINU		APPROVED BY	: JF
	2 SANITARY SEWER TAP SADD	LE	

D3 NOT TO SCALE

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	Signation Solis kimley Mondates Image: Solis kimley-Horn and associates, inc. 5370 kietzke Lane, suite 100, reno, nv 89511 PHONE: 775-200-1967 PHONE: 775-200-1967 WWW.KIMLEY-HORN.COM
	KHA PROJECT 192049002 DATE DATE 05/03/2021 05/03/2021 Designed BY: CNH Designed BY: CNH Drawn BY: IML CHECKED BY: CNH Drawn BY: CNH CHECKED BY: CNH Drawn BY: C
	DETAIL 03 OF 04
Cal before you Dig Avoid cutting underground utility lines. It's costly. Call Call <th>FIELD CREEK EFFLUENT FILL STATION RENO, NV NPEEL</th>	FIELD CREEK EFFLUENT FILL STATION RENO, NV NPEEL
ок 1-800-642-2444	D3 <u>wsup21 0034</u> Ехнівіт р

/ING No. 224C JF DATE: 1/2013





Chapter 4: BMP Toolkit 4.5-h Vehicle Ingress Egress Management Page 42

CONSTRUCTION ENTRANCE TO SCALE

TRPA BMP Handbook May 2014



void cutting undergrou

utility lines. It's costly.

Call

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FIELD	
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WSUP21 003 EXHIBIT	



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	POWER CONDUIT CONDUCTOR FILL SCHEDULE				
		CONDUCTOR	SOURCE	LOAD	
	$\langle \! \diamond \! \rangle$	(2) #6 XHHW-2 AND (1) #8 GND	МСС-В	MINI POWE	
	$\langle B \rangle$	(2) #4 XHHW-2 AND (1) #8 GND	MINI POWER ZONE	FMU	
	$\Diamond$	(2) #14 XHHW-2 AND (1) #8 GND	MINI POWER ZONE	SITE LIGHT	
	$\Diamond$	(3) #3 XHHW-2 AND (1) #8 GND	MCC-B	VFD PUMP	
	È	(3) #8 XHHW-2 AND (1) #8 GND	VFD PUMP CONTROL	BOOSTER	





**8** 

OR





IICAL NAME / COMMON NAME	SIZE	QTY
nus angustifolia ian Olive	#15	3
us quadrangulata Ash	2" Cal.	5
rus occidentalis tern Juniper	#5	14
rus scopulorum 'Pathfinder' finder Juniper	#5	6
rus scopulorum 'Wichita Blue' nita Blue Juniper	#5	5
oungens 'Glauca' rado Blue Spruce	5' High	12
nigra rian Black Pine	7' High	9
sylvestris s Pine	7' High	1

RIPTION	QTY
meter Boulders meter Boulders	28 33



NSUP21 0034 EXHIBIT D

GRAPHIC SCALE IN FEET

ок **1-800-642-2444** 





EXHIBIT D



RER / DESCRIPTION	QTY
	4
20-6 (1 per tree, 6 ports open) 10-6 (1 per shrub, 5 ports open max)	AS REQ'E AS REQ'E
	QTY

Schedule 40 PVC 2" Lateral Sleeve, Spears or Equal 50 LF

SIZE / DESCRIF	PTION		QTY
1" SCH 40 PVC	Tree Lateral		815 LF
Flow (GPM)	Pine Size	Pine Class	

IOW (GPIVI)	Pipe Size	Pipe Class
-5.0	1/"	SCH 40 PVC
.1-10	3/4"	SCH 40 PVC
0.1-15	1"	SCH 40 PVC

1. IRRIGATION EQUIPMENT IS SHOWN DIAGRAMMATICALLY. ALL EQUIPMENT AND PIPING SHALL BE PLACED WITHIN LANDSCAPE AREAS. AVOID CONFLICTS WITH UTILITIES AND

2. MULTIPLE VALVE OF THE SAME TYPE MAY BE RUN SIMULTANEOUSLY. HOWEVER, SYSTEM SHALL NOT EXCEED 12.0 GPM AT ANY GIVEN TIME.

3. ALL IRRIGATION COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL GOVERNING AUTHORITIES.

4. THE INTENT OF THE PLANS IS FOR THE INSTALLATION OF A COMPLETE AND WORKABLE IRRIGATION SYSTEM. PROVIDE ALL MATERIALS AND INSTALLATION TECHNIQUES NOT SPECIFICALLY NOTED BUT REASONABLY INFERRED FOR THE WORK.

5. THE PLAN IS SCHEMATIC, SOME RELOCATION OF IRRIGATION COMPONENTS MAY BE REQUIRED IN THE FIELD. VERIFY ALL CONDITIONS IN THE FIELD THAT MAY AFFECT THE

6. PROVIDE DRIP IRRIGATION TO ALL PLANT MATERIAL TO BE INSTALLED ON THE PROJECT, INCLUDING EXISTING TREES AND SHRUBS TO BE RETAINED.

7. ALL LINES AND WIRING UNDER PAVED SURFACES SHALL BE SLEEVED, SEE

SPECIFICATIONS. LINES AND WIRING SHALL HAVE SEPARATE SLEEVES. 8. INSTALL ADEQUATE MANUAL DRAINS ON MAIN LINE TO PREVENT FREEZE RELATED DAMAGE. PROVIDE DRAINS WITH HOSE ON THE END OF EACH MAIN LINE TO FACILITATE

9. SEE SPECIFICATIONS FOR ALL ASPECTS OF IRRIGATION EQUIPMENT AND INSTALLATION



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Expires: 6-30-2021

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<del>SUP21 0034</del> EXHIBIT D

04/09/202





- 1. LENGTH OF DISTRIBUTION TUBING SHALL NOT EXCEED 12'-0". REFER TO LOCAL JURISDICTIONAL REQUIREMENTS; MAXIMUM ALLOWABLE LENGTH MAY BE LESS.
- 2. LAYOUT DISTRIBUTION TUBING AS SHOWN AND LOCATE DISCHARGE POINT 2" ABOVE FINISHED GRADE.









## SECTION 307

DOMESTIC WATER AND IRRIGATION SYSTEM

30701 DESCRIPTION

This work shall consist of furnishing all labor, equipment and materials necessary to install, test and document a workable domestic water and irrigation system according to the drawings.

The irrigation layout shown on the drawings is schematic only. The actual layout of piping in the field shall be done to minimize sharp turns and piping under paving and maximize the use of common trenching wherever possible for mains and lateral lines. Locate all electric remote control valves and quick coupler valves in planting areas. Arrange control valves close together for ease of operation.

## 30708 POLYVINYL CHLORIDE PIPE

PVC (polyvinyl chloride) pipe for the landscape irrigation system shall conform to ASTM D2241 and shall be sized as indicated on the drawings. All PVC pipe shall be Schedule 40. Pipe shall be cut straight and true and ends shall be reamed out to the full inside diameter of the pipe. PVC pipe shall be partially backfilled between joints with small amounts of backfill material to prevent movement during the pressure test. All mainline piping shall be covered with a purple warning tape, located 12 inches above the main.

Prolonged exposure to temperatures near freezing make PVC sensitive to impact, and extra care shall be taken in handling PVC during cold weather. PVC lengths shall be lifted off of truck body surfaces to avoid abrasion.

All PVC fittings shall be Schedule 40. Slip fittings shall be joined using PVC cement and solvent applied according to manufacturer's instructions. Pipe and fittings shall be coated on mating surfaces with PVC primer and allowed to dry before applying cements. Primer shall not be allowed to run down the inside of pipe. Allow cement to air dry to a tacky state before assembly. Pipe fittings shall be pressed together and given a quarter (1/4) turn to seat fully, with excess cement being removed from the connection following assembly.

Threaded male fittings shall receive two (2) turns teflon plumbing tape around all threads prior to assembly. No field threading will be allowed. Irrigation mains to be installed at 34 depth.

## 307.11.01 Controller

Solid state electrical mechanical controller shall accommodate 117 VAC input and 24 VAC output. A circuit breaker or fusible connection shall be installed to protect the controller from overloads. Controller shall be a Rainbird ESP-Lit 6 station. Make all electrical connections as required.

## 307.11.02 Drip Irrigation

Tubing shall be Rainbird Xeri-tube 700, or approved equal, polyethelene. Emitters shall be Rainbird XB-10 for shrubs (2 each), and XB-20 (3 each) for trees. Emitters shall be above ground. Bury flex tubing 4 inches below finish grade. Valve shall be a Rainbird 1? PESB series. Filter shall be a Rainbird RBY-200 MX with PSI-L30X pressure regulator. End plugs shall be placed at the end of each drip line and located inside of a 91 valve box.

## 307.11.04 Gate Valves

Gate Valves shall be the same size as the pipe on which they are placed unless otherwise indicated on the Plans. Valves two and one-half inches  $(2 1/2^{\circ})$  and smaller shall be bronze with a threaded connection. Valves three inches (3") and larger shall be iron body, bronze mounted, double disc, parallel seat type with 'O' ring seals and shall comply with AWWA Standards.

## 307.11.05 Quick Coupler Valve

Install quick coupler values as shown on the Plans and Details. Value shall be of 2-piece, brass or bronze construction, with a three-quarter inch (3/4") female bottom connection. Use Rainbird 44NP or approved equal in nine inch (9*) diameter box.

## 307.11.6 Pressure Reducer

The pressure reducer shall be a Watts series U5, I' size, capable of reducing pressure from a 300 psi maximum to a pre-set 50 psi.

## 307.11.09 Drain Valves

Provide three-quarter inch (3/4") brass gate value at lowest point of irrigation main. Provide for inch (4) plastic pipe over valve, gravel sump beneath valve, and a plastic cap to mark valve location. Install according to detail.

## 307.11.14 Galvanized Steel Pipe

Galvanized steel pipe of the size required shall be used for all above ground applications. All pipe shall have sound, clean cut standard pipe threads, well fitted. All pipe shall be well reamed to the full diameter and burrs removed before assembly.

## 307.11.17 Installation

Wiring from the controller to the valves shall be done using fourteen (14) gauge, direct burial, copper wire for the control wire and twelve (12) gauge, direct burial, copper wire for the ground wire. Red insulation shall be used to identify the control wire and white insulation shall be used to identify the ground wire. All splices shall be made in valve boxes with DBY connectors or approved equal. Wire shall be placed in the same trench with piping. It shall be gathered and bundled every fifteen to twenty feet (15'-20') and "snaked" from side to side in the trench to provide slack throughout the wiring run.

## As Builts

The Contractor shall furnish a complete, to scale, as-built drawing of the irrigation system to the Owner, along with all manufacturer's warranty and instruction information.

The Contractor shall furnish to the Owner three (3) quick coupler keys.

## Trenching

All mainline piping shall be buried a minimum of twenty-four inches (24*) below finish grade. Lateral lines shall be a minimum of eighteen inches (18) below finish grade.

Trenches shall be backfilled with topsoil which is free of rocks and other debris. Backfill material shall be moistened during backfill operations to prevent future settling.

## Flushing 4 Testing

Piping shall be completely flushed of foreign particles before attaching sprinkler heads and drain valves.

After flushing and when valves and quick couplers are in place, all main supply lines shall be tested at one hundred and fifty pounds (150 Lbs.) per square foot, with valves closed. Maintain pressure for a period of eight (8) consecutive hours. All joints showing leaks shall be cleaned, remade and tested.

After flushing, section lines shall be tested with risers capped and drain valves closed. The test shall be made at maximum operating pressure for a period of one (1) hour. All joints showing leaks shall be cleaned, remade and tested.

All testing shall be done in the presence of the Owner's representative prior to backfilling over piping.

The Contractor shall familiarize designated maintenance personnel with the operation and maintenance of the system, including emergency shut-off procedures, the programming and operation of the irrigation controller, and system winterization.

The Contractor shall, for a period of one (1) year from the date of acceptance of the work guarantee the installation and operation of the irrigation system. Any malfunction or defect, which occurs during this time, will be repaired by the Contractor at no additional cost.

Specifications.

# SECTION 331

LANDSCAPING

## 33101 DESCRIPTION

Nomenclature for plant names and varieties shall be in accordance with the latest edition of "Standardized Plant Names" as prepared by the American Joint Committee on Horticultural Nomenclature.

No substitution of plant material will be permitted unless evidence is submitted in writing to the Owner that a specified plant cannot be obtained and has been unobtainable since the award of the Contract. If substitution is permitted, it can be made only with written approval by the Owner.

# 331.04 SEEDING

2 Lbs. pe
2 Lbs. pe
2 Lbs. pe
3 Lbs. pe
1 Lb. per
2 Lbs. pe
1/4 Lb. pe
1/4 Lb. pe
2 Lbs. pe
2 Lbs. pe

A. Site: Upon completion of construction operations the seedbed shall be scarified parallel

with the slope (along the contour) to a minimum depth of 4 inches leaving definite furrows. The material surface shall also be in an uncompacted workable condition for seeding. Areas not suitable for scarifying shall be left in a rough condition to simulate the scarified areas. Remove rock, debris, and clods that are 2 inches in diameter or larger.

# APPLICATION:

A. Fertilizer: 16-20-0 fertilizer shall be spread separately in dry form at the rate of 300 Lbs per acre during preparation of seedbed.

B. Seed: Shall be applied between November 1 and February 28 for winter moisture. Use a disc-type drill for seeding + place drill rows uniformly 8 to 10 inches apart. Plant seed not less than 1/4 inch deep or more than 1/2 inch deep. Follow the seeder with a drag, packer, or roller to ensure uniform coverage of the seed and adequate compaction. Drill on the contour, not up and down a slope. When slopes are too steep for contour drilling, use a 'cyclone' hand seeder or similar broadcast seeder. Rate of application with mechanical hand seeder shall be twice the rate called for above. Seed shall not be broadcast when the weather is windy or wet, the ground is frozen, or otherwise untillable. Other methods of seeding must have prior written approval by the Engineer. The Contractor shall protect seeded areas from damage by traffic or construction equipment. Areas damaged from these causes shall be repaired by the Contractor.

C. Mulch: Immediately after seeding, apply a straw mulch at a rate of 3,000 lbs. per acre. Anchor with a straw punching machine to secure the straw. Straw shall be clean, free from noxious weed seed. Commercial products may be used in lieu of straw with Engineers approval.

## 307.11.20 Adjusting

307.13 BASIS OF PAYMENT

Basis of payment shall be lump sum for the irrigation system, installed per Plans and

Payment for domestic water shall be at the bid unit price per lineal foot for the respective pipes, complete and in place as itemized in the Bid Proposal.

No direct payment shall be made for connections to existing domestic water and irrigation systems. Such compensation shall be included in other items of work.

This work shall consist of furnishing and planting trees, shrubs and vines where shown on the Plans. This section also covers the provision and installation of materials relating to the landscaping process, including, but not limited to, non-living ground cover, header materials, landscape retaining walls, redwood benches, fertilizers, mulches, tree and tree stakes.

## 331.02.01 Nomenclature

## 3310202 Quality of Plant Material

It is the intent of the Specifications that all plant material meet the standards as set forth herein, throughout the life of the Contract. During inspections, all plant material will be judged and rejections shall be based upon these standards.

All plants shall be first-class nursery grown representative of their normal species and shall be true to type or name as shown on the Plans.

All plants shall comply with Federal and State laws requiring inspection for plant diseases and infestations.

In determining the quality of plant material, consideration will be given to the root condition, plant size, insect and disease free condition, and general appearance. A deficiency in any one (1) or more of these shall be sufficient reason to reject selectively or by lot.

331.02.05 Substitution of Plants

A. Seed Species: Contractor shall submit 3 copies of data on seed purity and germination.

B. Seed Mix: Shall be applied in the following proportions:

r acret Indian Ricegrass

- r acret Atripiex r acre± Great Basin Wildrue
- er acre± Siberian Wheatgrass
- acret Canbys bluegrass r acret Annual rue
- er acret Palmer benstemon
- er acre± Blue Flax
- r acre± Shadescale
- Lbs. per acre± Bitterbrush 2 Lb. per acret Rubber Rabbitbrush
- Total: 215 Lbs. per acre, PLS.

## PREPARATION:

## 33105 PLANTING BEDS

The soil preparation shall not be initiated until after gr irrigation system has been installed, tested, adjusted an soll in planter areas for planting. Remove construction mounding, supplement with imported, friable loam, free of amounts of weeds, stone and foreign material± acidity ra minimum of four percent (4%) and a maximum of twenty-fiv The ground surface within the area shall then be loosened of six inches (6"). When required, humus, commercial ferti incorporated at the rate specified in the planting notes thoroughly and uniformly tilled into the soil to a depth of brought to a plane in conformance to the elevations sho shall then be consolidated with approved culti-packers

When adding topsoil fill over existing grade, cultivate s equipment has compacted soil.

## 331.05.04 Planting Holes

Verify that final grades have been established prior to shall be drilled with a power auger to the dimensions spe otherwise approved by the Owner. Holes shall be drille the stake or marking being considered the center of the and horizontal bottoms. Scarify sides of plant pit prior

When required, humus, commercial fertilizer and other add rates specified in the Contract Documents and shall be material removed from the holes prior to backfilling. Aff shall be saturated with water to the full depth of the hol Sufficient backfill material shall be placed so that after the basin will conform to the section as shown in the Plan

Backfill material shall be native soil that is free of rocks material. Protect existing underground improvements from

## 331.06 PLANTING

Inspect trees and shrubs for injury, infestation or imprope wrapping trees until deficiencies are corrected or plants

No more plants shall be distributed within the project on watered on that day.

Any planting done in soil that is too wet or dry or not pr will not be accepted. No payment will be made for such will be suspended until the Contractor has complied in ev

331.11.03 Trees and Shrubs

For trees and shrubs backfill using native soil minus rocks

## 331.16 REPLACEMENTS

Landscaping Contractor shall guarantee the survival of for one (1) year from the date of acceptance of the pro by the Owner within this time period shall be replaced by additional cost to the Owner. Replacement shall be don appropriate planting season for the plants in question.

## 331.17 BASIS OF PAYMENT

Basis of payment shall be lump sum which shall be full con tools and equipment necessary to complete the work as

There shall be no direct payment for preparation and sta soil treatment, and application of fertilizers. This work sh sum of other items of landscape work

		DATE BY
rading has been completed and the and accepted by the Owner. Use existing a debris and other foreign matter. For of subsoil, roots, grass, excessive range (pH) of 62 to 7.5t containing a live percent (25%) organic matter. hed and thoroughly pulverized to a depth tilizer and other additives shall be and/or Specifications and shall be of six inches (6"). The area shall then be hown on the Plans. The area to be planted as or rollers.		. REVISIONS
sub-grade to a depth of 12-18' where		2 OZ
o beginning planting operation. All holes becified in the Contract Documents unless ed at the location of each individual plant, he holes. The holes shall have vertical walls in to planting. ditives shall be incorporated at the thoroughly and uniformly mixed with the fter backfilling the holes, the material ples and until ponding appears in the basin. In planting and settlement has taken place, ins.		T75-200-1967 ALEY-HORN.COM
s, construction debris and other foreign om damage.		© 2015 KIMLEY-HORN AN 5370 KIETZKE LANE, SUITE PHONE: 775-2 WWW.KIMLEY-H
per pruning. Do not begin planting or Its replaced.		© 2015 KIW 70 KIETZKE
on any one (1) day than can be planted and		© 5370
oroperly conditioned as provided herein h planting and any further planting work every way with the Specifications.		LANDSCAPE UNIVERILLO REPAIN PERILLO REPAIN PORT
ke and Agriform tablete, per detaile.		50 791 ★ Expires: 6-30-2021
all plants installed as part of the Contract oject by the Owner. Plants found to be dead by the Landscaping Contractor at no one as soon as possible considering the papensation for all material, labor, o specified.		KHA PROJECT 192049002 DATE 04/09/2021 SCALE: AS SHOWN DESIGNED BY: GMW DRAWN BY: GMW CHECKED BY: ACP
tabilization of planting beds, pre-emergent shall be deemed included in the lump		
		SPECIFICATIONS
	Cal before you Dig   Avoid cutting underground   utility lines. It's costly.   Call   Call   Call   Dig	FIELD CREEK EFFLUENT FILL STATION RENO, NV
	ок 1-800-642-2444	SHEET NUMBER L5 wsup24 0034
		EXHIBIT D

**GENERAL STRUCTURAL NOTES DESIGN SPECIFICATION** 2018 INTERNATIONAL BUILDING CODE WITH NORTHERN NEVADA AMENDMENTS CONSTRUCTION SPECIFICATION 2012 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION REVISION 8 DESIGN LOADS DESIGN DEAD LOAD SELF WEIGHT OF MATERIAL WEIGHT OF WATER IN PIPE - 62.4pcf DESIGN LIVE LOAD THRUST OF WATER IN PIPE BEND - 1000lb DESIGN WIND LOAD ULTIMATE DESIGN WIND SPEED = 120mphRISK CATEGORY = IIWIND EXPOSURE = CDESIGN WIND PRESSURE = 32psf (STRENGTH) DESIGN SOIL LOAD WEIGHT OF SOIL = 125pcfEQUIVALENT FLUID PRESSURE FOR ACTIVE SOIL PRESSURE = 35psf EQUIVALENT FLUID PRESSURE FOR AT-REST SOIL PRESSURE = 55psf EQUIVALENT FLUID PRESSURE FOR PASSIVE SOIL PRESSURE = 300psf COEFFICIENT OF FRICTION = 0.45ALLOWABLE SOIL BEARING PRESSURE = 2000psf STRUCTURAL STEEL PLATES SHALL CONFORM TO ASTM A36 UNLESS NOTED OTHERWISE. HSS RECTANGULAR MEMBERS SHALL CONFORM TO ASTM A500, GRADE C (50 KSI). PROVIDE MINIMUM 1/2 INCH THICK CAP PLATE AT EXPOSED ENDS OF ALL HSS MEMBERS. DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST AISC CODES AND SPECIFICATIONS, INCLUDING THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS. SHOP CONNECTIONS SHALL BE MADE BY WELDING. FIELD CONNECTIONS SHALL BE MADE WITH HIGH-STRENGTH BOLTS, EXCEPT WHERE WELDING IS INDICATED ON THE DRAWINGS. HIGH-STRENGTH BOLTS SHALL CONFORM TO ASTM DESIGNATION A325 BEARING TYPE CONNECTION WITH THREADS INCLUDED IN SHEAR PLANE UNLESS NOTED OTHERWISE. ALL BOLTS SHALL BE 3/4 INCH DIAMETER UNLESS NOTED OTHERWISE. ANY 1/4 DIAMETER BOLTS SHALL CONFORM TO ASTM F593. ALL EXPOSED BOLTS SHALL BE STAINLESS STEEL. ALL BOLTED CONNECTIONS SHALL BE SNUG-TIGHT PER RCSC (RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS) SPECIFICATIONS. ALL WELD SIZES, NOT INDICATED SHALL COMPLY WITH THE LATEST AWS D1.1 BUT IN NO CASE SHALL WELD SIZE BE LESS THAN  $\frac{3}{16}$  INCH. CONCRETE AND REINFORCEMENT CAST-IN-PLACE CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI. REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60, fy = 60,000 PSI. HOOKS AND BENDS FOR REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF ACI318-14. ALL BEND DIMENSIONS FOR REINFORCING STEEL SHALL BE OUT-TO-OUT OF BARS. ALL PLACEMENT DIMENSIONS FOR REINFORCING STEEL SHALL BE TO CENTER OF BARS UNLESS NOTED OTHERWISE. ALL REINFORCING SHALL HAVE 2" CLEAR COVER UNLESS NOTED OTHERWISE. ALL EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 3/4". SPECIAL INSPECTIONS SPECIAL INSPECTION IS REQUIRED OF MATERIALS, INSTALLATION, FABRICATION, ERECTION OR PLACEMENT OF COMPONENTS AND CONNECTIONS REQUIRING SPECIAL EXPERTISE TO ENSURE COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS. COORDINATE SCHEDULES WITH AGENCY PERFORMING SPECIAL INSPECTION TO INSURE AMPLE TIME IS AVAILABLE TO PERFORM REQUIRED TASKS. SPECIAL INSPECTIONS SHALL BE PROVIDED PER 2018 INTERNATIONAL BUILDING CODE (IBC) CHAPTER 17. A. STRUCTURAL STEEL AS REQUIRED BY IBC SECTION 1705.2.1 B. CONCRETE AS REQUIRED BY IBC TABLE 1705.3 FABRICATOR SHALL SUBMIT CERTIFICATE OF COMPLIANCE STATING WORK PERFORMED WAS IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS. SUBMITTALS CONTRACTOR SHALL PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. ALL WELD AND BOLT CONNECTIONS MUST BE APPROVED BY THE ENGINEER.



EXHIBIT D



