

Addendum No. 1

Peckham and White Fir Truck Fill Stations

Bid # 0910-198
March 08, 2010

The following information, clarifications, changes and modifications are by reference incorporated into the bid documents for the above referenced project. Any work item or contract provision not changed or modified will remain in full force and effect.

Make the following changes to the bid document:

- **QUESTIONS** will be accepted until 8:00 a.m. on March 11th, 2010. Questions must be submitted in writing to Justine Chambers, Purchasing/Contracts Administrator, Truckee Meadows Water Authority FAX No. 775-834-8285, E-mail: jchambers@tmwa.net.
- **SEALED BIDS** must be submitted to TMWA by mail to P.O. Box 30013, Reno, Nevada 89520-3013 or in person to 1355 Capital Boulevard, Reno, NV 89502, and whether submitted by mail or in person must be **RECEIVED BY TMWA NOT LATER THAN 2:00 P.M. ON March 16th, 2010**. Bids received after the date and time set for receipt will be **REJECTED**.
- **BID OPENING** will be held publicly on March 16th, 2010 at approximately 2:05 p.m.
- **AWARD** will be made by the General Manager of TMWA within 30 days after bid opening. Should it become necessary to reschedule the date set for award, notice will be provided to those bidders responding to this solicitation.
- **PRICES** must be quoted FOB Truckee Meadows Water Authority, Nevada and are valid for 30 days after bid opening.
- **PRE-CONSTRUCTION MEETING DATE** will be scheduled after award.
- **PROJECT START DATE** is anticipated on or before March 22, 2010.
- **PROJECT COMPLETION DATE** is anticipated on or before May 20, 2010.
- **TECH SPEC SECTION 02500.2.02** Roadmix aggregate shall be Type 3. First course to use AC20 asphalt, top course to use AC20P asphalt.
- **TECH SPEC SECTION 15010.2.02 A** Interior coating of fabricated steel pipe will not be required. Delete the last two words "and lining" of this section.
- **DETAIL 2/D1** Add an asterisk to the flow meter. These items (4) will be provided by TMWA as stated in the electrical equipment schedule on sheet E1.

- **DETAIL 4/D2** Change all "vinyl coated" references to "galvanized". Vinyl coated fencing will not be required.
- **CLARIFICATION** Per Detail 1/D2, no drains are to be installed in any of the four truck fill pads. Sheets E2 through E5 reference old site maps and incorrectly show drop inlets.
- **LANDSCAPING AND IRRIGATION** sheets are to be modified per the attached sheets from Stantec.
- **CITY OF RENO STREET CUT REQUIREMENTS** have not been received as of this writing, but verbal indications are that the requirement will be to combine the water and electrical trench permanent patches into one since they are so close together. Bid this pavement patch as 1,500 square feet per Detail 3/D1. If the City's requirements vary from these requirements, the change will be addressed through a field transmittal.
- **NV ENERGY DESIGN** requirements have not been received as of this writing, but verbal indications are that electrical service will be as shown on Sheet E2. Bid the electrical service as shown with the conduit at a depth of 3-feet. If NV Energy requirements vary from these requirements, the change will be addressed through a field transmittal.
- **THE ENGINEERING ESTIMATE** has been revised to range from \$450,000 to \$550,000.
- **GENERAL CONDITIONS, ARTICLE 7, SECTION 7.03, SUBSECTION F** shall be modified as follows:
 - A. Since provisions for labor and equipment schedules have not been included in the bid proposal, the following methodology shall be utilized for calculation of labor and equipment costs for compensation of T&M work:
 1. Hourly labor rates shall be calculated by application of a 1.30 multiplier to the actual hourly certified payroll data submitted by the Contractor to TMWA. Application of the 1.30 multiplier shall represent a fully-burdened cost for labor including all benefits, payroll taxes and profit. No additional billing mark-up for labor shall be allowed.
 2. Equipment rates shall be based on equipment rental rates maintained by CALTRANS and include updated fuel costs. These rates can be found at:
<http://www.dot.ca.gov/hq/construc/equipmnt.html> and
<http://www.dot.ca.gov/hq/construc/misceqrr/index.htm>
No additional billing mark-up for equipment shall be allowed.

End of Addendum No. 1

Memo



Stantec

To:	Chris Struffert TMWA	From:	Barbara Santner Stantec Consulting Reno
File:	180101187	Date:	March 4, 2010

**Reference: TMWA – Peckham Lane Truck Fill Station Landscape Plans
Addendum 1**

The following items are modified from the bid set of plans for the above project:

1. Sheet L2 – Planting Details
 - a. Detail 3 - Recycled Plastic Edger. Refer to Attachment A for changes to the detail.
2. Sheet I1 – Irrigation Plan
 - a. Detail 1 – Manual and Automatic Drain. Add to the detail the following note: "Locate manual drains at low points, a minimum of one drain per lateral."
 - b. Add Detail 8 - Drip Flush End Cap from sheet I2. Label as Detail 2.
3. Sheet I2 – Irrigation Details
 - a. Remove Detail 8 – Drip Flush End Cap and place on sheet I1 as Detail 2.
 - b. Add the RPPA/Backflow Preventer detail as Detail 8. Refer to Attachment B.
 - c. Detail 1 – Point of Connection Diagram. The 2" SCH. 40 PVC Main line shall be a minimum depth of 36", not 30".
 - d. Note 25 Temporary Spray Irrigation should read: "25. Temporary Spray Irrigation: Bury laterals to 18" minimum depth. Irrigation system shall be designed to provide water without rills, gullies or erosion to surface. System shall be in place for 2 years or until revegetation is accepted by owner."

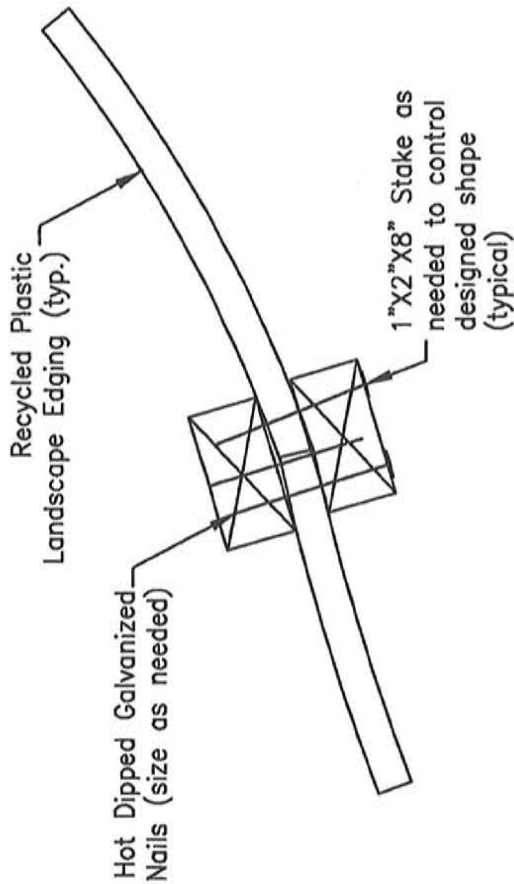
Barb Santner, NVLA #355, AICP

Senior Landscape Architect
barb.santner@stantec.com

One Team. Infinite Solutions.

GENERAL NOTES:

1. Edger shall be 2"x4"x8" tan colored recycled plastic material.
2. Layout edger pattern in true arcs and tangents per plans and contact landscape architect for approval prior to construction.
3. Stake all ends/both sides per manufacturer's recommendations.



3 RECYCLED PLASTIC EDGER

NOT TO SCALE

FEBRUARY 2010
180101187

Client/Project

TRUCKEE MEADOWS WATER AUTHORITY
PECKHAM LANE TRUCK FILL STATION
WASHOE COUNTY, NEVADA

Sheet No.

L2

Title

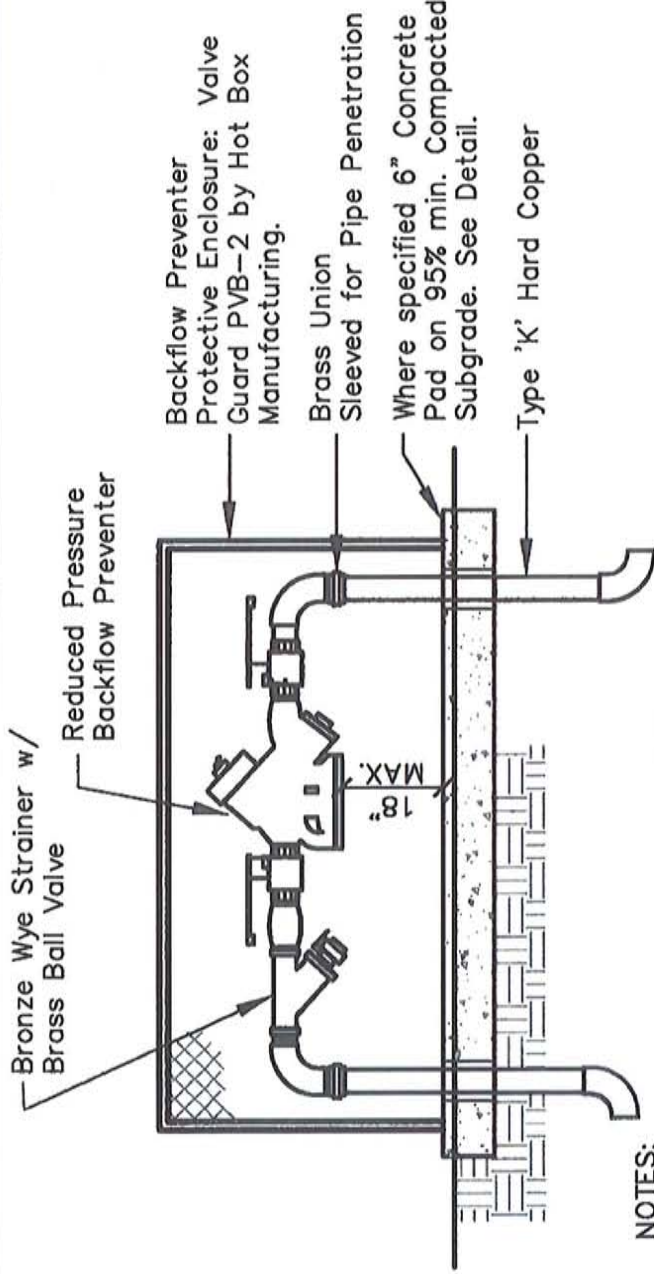
PLANTING DETAILS
ADDENDUM 1 - ATTACHMENT A

Stantec Consulting Inc.
6980 Sierra Center Parkway
Suite 100
Reno, Nevada 89511
Tel. 775.850.0777
Fax. 775.850.0787
www.stantec.com



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NOTES:

1. All pipe fittings to be Type 'K' Copper.
2. Backflow prevention installation must be level and installed a minimum and maximum of 12" from relief port to final grade.
3. Test cocks (4) shall be fitted with brass plugs and installed with teflon tape.
4. Shutoff valves to be resilient ball type with removable handles.
5. Compression type fittings are not allowed.
6. A copper/brass union must be installed in the middle of a downstream riser.
7. Assembly shall be approved by University of Southern California Foundation for Cross Connection Control and Hydraulic Research.

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RPPA/BACKFLOW PREVENTOR

NOT TO SCALE

FEBRUARY, 2010
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Client/Project

TRUCKEE MEADOWS WATER AUTHORITY
PECKHAM LANE TRUCK FILL STATION
WASHOE COUNTY, NEVADA

Sheet No.

12

Title

IRRIGATION DETAILS
ADDENDUM 1 - ATTACHMENT B



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TRUCKEE MEADOWS WATER

A U T H O R I T Y
1355 CAPITAL BLVD. / PO BOX 30013
SPRINGFIELD, NEVADA 89502-5013
PH 775-834-8000 / FX 775-834-8003

Memo



Stantec

To: Chris Struffert
TMWA

From: Barbara Santner
Stantec Consulting Reno

File: 180101186

Date: March 4, 2010

Reference: TMWA – White Fir Truck Fill Station Landscape Plans Addendum 1

The following items are modified from the bid set of plans for the above project:

1. Sheet L2 – Planting Details
 - a. Detail 3 - Recycled Plastic Edger. Refer to Attachment A for changes to the detail.

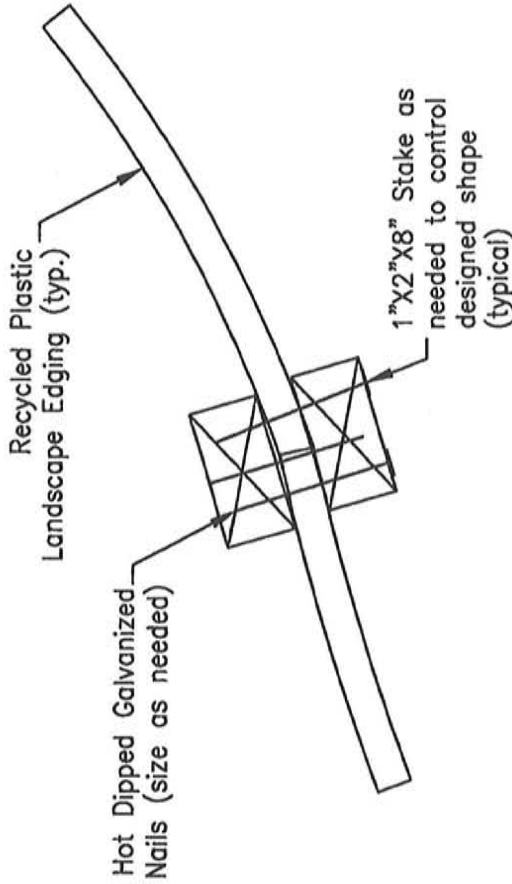
2. Sheet I1 – Irrigation Plan
 - a. Detail 1 – Manual and Automatic Drain. Add to the detail the following note: "Locate manual drains at low points, a minimum of one drain per lateral."
 - b. Add Detail 8 - Drip Flush End Cap from sheet I2. Label as Detail 2.

3. Sheet I2 – Irrigation Details
 - a. Remove Detail 8 – Drip Flush End Cap and place on sheet I1 as Detail 2.
 - b. Add the RPPA/Backflow Preventer detail as Detail 8. Refer to Attachment B.
 - c. Change Detail 6 from a Wall Mounted Controller to an Electrical Panel Mounted Controller. Refer to Attachment C.
 - d. Detail 1 – Point of Connection Diagram. The 2" SCH. 40 PVC Main line shall be a minimum depth of 36", not 30".
 - e. Remove note number 16 and re-number the remaining notes accordingly.
 - f. Note 25 Temporary Spray Irrigation should read: "25. Temporary Spray Irrigation: Bury laterals to 18" minimum depth. Irrigation system shall be designed to provide water without rills, gullies or erosion to surface. System shall be in place for 2 years or until revegetation is accepted by owner."

Barb Santner, NVLA #355, AICP

Senior Landscape Architect
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GENERAL NOTES:

1. Edger shall be 2" x 4" x 8" tan colored recycled plastic material.
2. Layout edger pattern in true arcs and tangents per plans and contact landscape architect for approval prior to construction.
3. Stake all ends/both sides per manufacturer's recommendations.

3 RECYCLED PLASTIC EDGER

NOT TO SCALE



FEBRUARY 2010
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Client/Project

TRUCKEE MEADOWS WATER AUTHORITY
WHITE FIR TRUCK FILL STATION
WASHOE COUNTY, NEVADA

Sheet No.

L2

Title

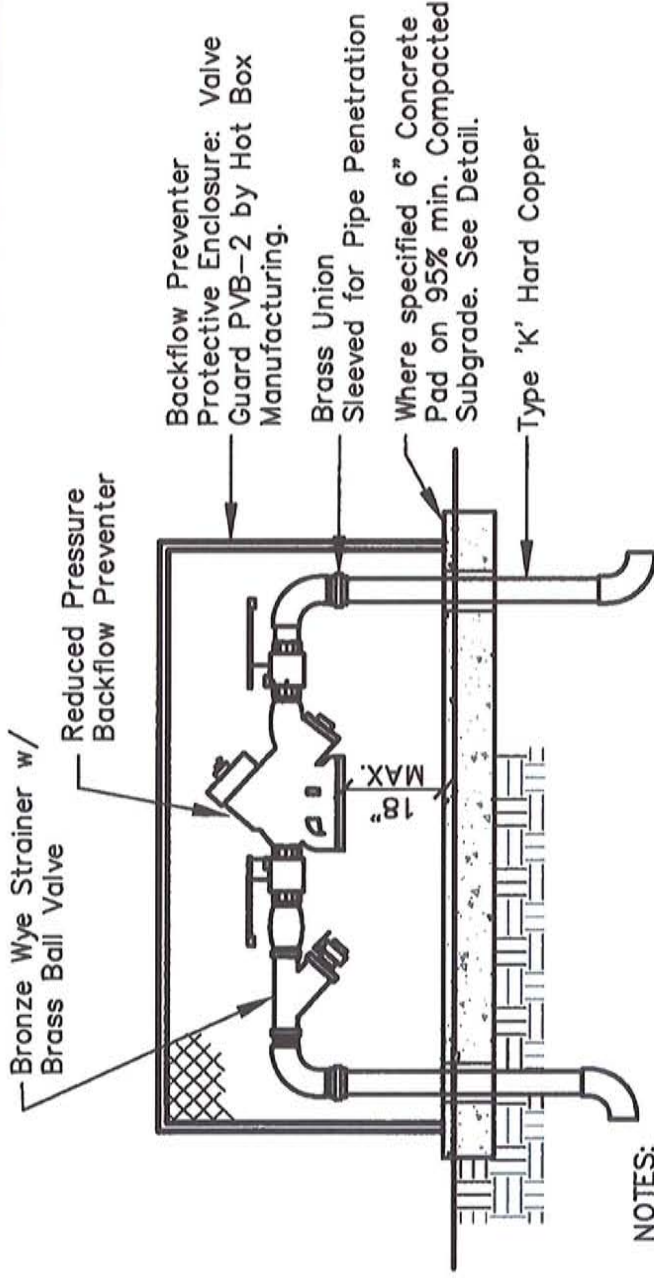
PLANTING DETAILS
ADDENDUM 1 - ATTACHMENT A

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Backflow Preventer Protective Enclosure: Valve Guard PVB-2 by Hot Box Manufacturing.

Brass Union Sleeved for Pipe Penetration Where specified 6" Concrete Pad on 95% min. Compacted Subgrade. See Detail.

Type 'K' Hard Copper

NOTES:

1. All pipe fittings to be Type 'K' Copper.
2. Backflow prevention installation must be level and installed a minimum and maximum of 12" from relief port to final grade.
3. Test cocks (4) shall be fitted with brass plugs and installed with teflon tape.
4. Shutoff valves to be resilient ball type with removable handles.
5. Compression type fittings are not allowed.
6. A copper/brass union must be installed in the middle of a downstream riser.
7. Assembly shall be approved by University of Southern California Foundation for Cross Connection Control and Hydraulic Research.

8 / 12

RPPA/BACKFLOW PREVENTER

NOT TO SCALE

FEBRUARY 2010
180101188

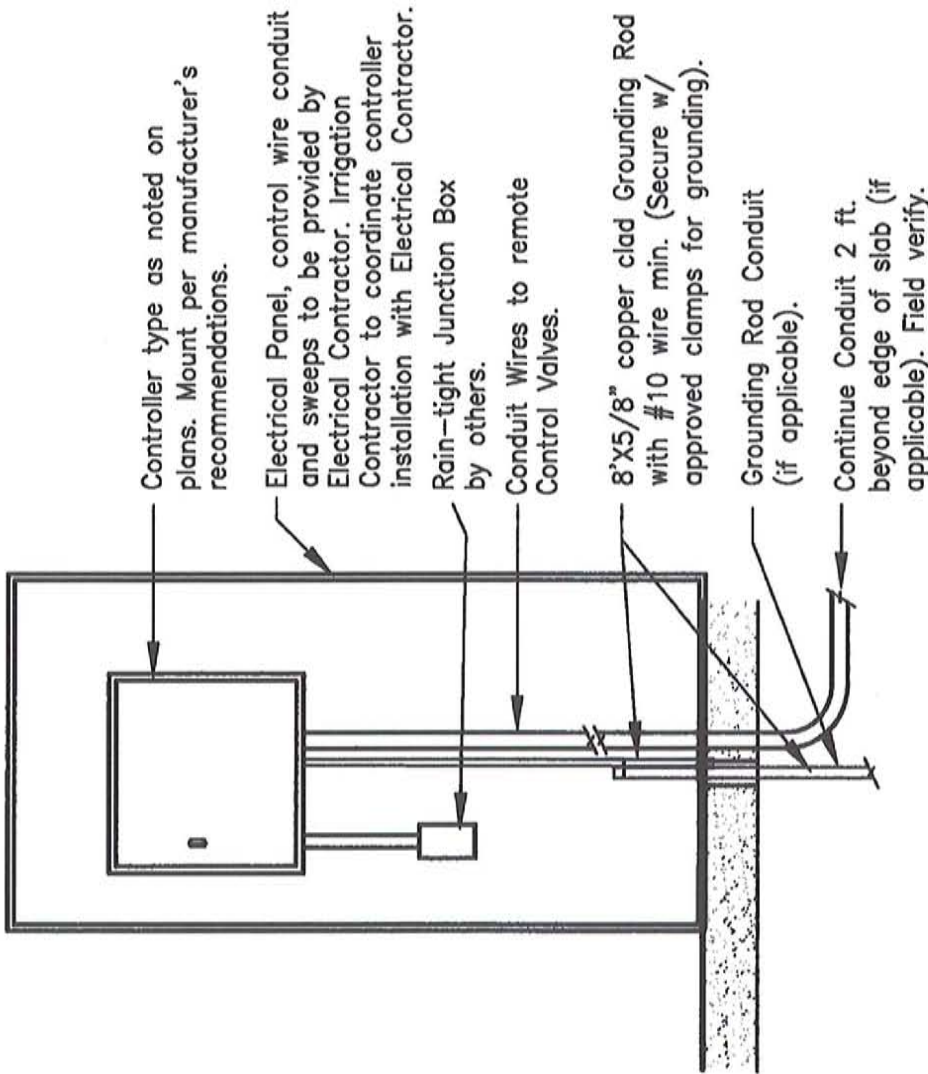
Client/Project
TRUCKEE MEADOWS WATER AUTHORITY
WHITE FIR TRUCK FILL STATION
WASHOE COUNTY, NEVADA

Sheet No. 12

Title
IRRIGATION DETAILS
ADDENDUM 1 - ATTACHMENT B

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Controller type as noted on plans. Mount per manufacturer's recommendations.

Electrical Panel, control wire conduit and sweeps to be provided by Electrical Contractor. Irrigation Contractor to coordinate controller installation with Electrical Contractor.

Rain-tight Junction Box by others.

Conduit Wires to remote Control Valves.

8'x5/8" copper clad Grounding Rod with #10 wire min. (Secure w/ approved clamps for grounding).

Grounding Rod Conduit (if applicable).

Continue Conduit 2 ft. beyond edge of slab (if applicable). Field verify.

ELECTRICAL PANEL MOUNTED CONTROLLER

6
12
NOT TO SCALE

FEBRUARY 2010
180101186

Client/Project

TRUCKEE MEADOWS WATER AUTHORITY
WHITE FIR TRUCK FILL STATION
WASHOE COUNTY, NEVADA

Sheet No.

12

Title

IRRIGATION DETAILS
ADDENDUM 1 - ATTACHMENT C

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