

September 26, 2016

CATEGORICAL EXCLUSION

TO ALL INTERESTED AGENCIES AND PUBLIC GROUPS:

In accordance with the Texas Water Development Board (TWDB) environmental review process established at 31 Texas Administrative Code (TAC) Chapter 371, Subchapter E, for projects to be funded through the Drinking Water State Revolving Fund (DWSRF) Program and consistent with the National Environmental Policy Act, 42 U.S. Code § 4321, *et seq.*, the Executive Administrator of the TWDB has determined that the proposed action identified below may be exempted from formal environmental review requirements:

City of Eagle Pass, Maverick County, Texas
Treatment and Distribution Improvements Project
DWSRF Project No. 62556
Total TWDB Commitment: \$44,065,000

The City of Eagle Pass (City) is proposing to use funding from a \$44,065,000 DWSRF loan to continue with the design and construction of their regional water works system plan for expansion of the water treatment plant (WTP) and improvements to their water storage and distribution system. The proposed project includes: 1) WTP membrane replacement and capacity expansion; 2) sludge dewatering belt press project; 3) replacement of deteriorated cast iron water lines in the central and downtown areas; 4) rehabilitation of five water storage tanks; 5) a new 2-million-gallon ground storage tank (GST) at the College Hills storage tank and pump station site; 6) Las Quintas distribution replacement project; and 7) Jardines Verdes distribution replacement project. The proposed project is a continuation of a larger project, which also includes a leak study, water audit, and water model; asset management/Geographic Information System; meter replacement; and infrastructure demolition. Project elements 1 through 4 were included in a Categorical Exclusion (CE) issued on May 20, 2013.

The proposed Las Quintas distribution replacement project, element 6, consists of the replacement of approximately 26,734 feet of 6-inch pipeline and approximately 3,083 feet of 8-inch pipeline. The Jardines Verdes distribution replacement project, element 7, consists of the replacement of approximately 6,758 feet of 6-inch PVC pipeline. Existing water lines will be replaced by new lines in the same or proximate locations within existing rights-of-way (ROWs) in residential areas. The existing water lines will either be removed or abandoned in place. Environmental impacts should be similar to rehabilitation activities and limited to those associated with excavation, pipe installation, and road repair. The proposed new 2-million-gallon GST, element 5, will be constructed out of steel and will be located within the existing College Hills storage tank and pump station site, which is owned by the City.

All project activities will be located either within an existing storage tank and pump station site or within existing ROWs in residential areas; therefore, no impacts to threatened, endangered, or rare species, or their habitats, are anticipated. According to the Texas Historical Commission's Archeological Sites Atlas, there are no previously recorded significant or potentially significant

sites on or adjacent to the proposed project site, nor are the sites within a protected area surrounding an historic cemetery, structure, or district. An apparent tributary is located within the Jardines Verdes project area. The City has proposed to bore under all potential waters of the United States; therefore, impacts to water features under the jurisdiction of the United States Army Corps of Engineers will be avoided. A review of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) (48323C0453D) and National Flood Hazard Layer found that portions of the water line replacement projects in the Las Quintas and Jardines Verdes colonias are located in areas designated as 100- and 500-year floodplains and as a regulatory floodway. No impacts to floodplains and regulatory floodways are expected from the proposed project because all work in these areas consists of water line replacement within existing ROWs in residential areas. However, this determination is conditioned to read that prior to construction within the floodplain, a floodplain permit or waiver must be obtained from the local floodplain administrator, as required by the National Flood Insurance Program. Portions of the project in the Las Quintas and Jardines Verdes colonias are located on soils designated by the United States Department of Agriculture as prime farmland soil, if irrigated. However, because the proposed project will take place within existing ROWs in residential areas, no land conversion will occur as a result of the proposed project; therefore, no impacts to prime farmland soil are expected.

The proposed project qualifies for a Categorical Exclusion because the work consists of water line replacement within existing ROWs in residential areas and within a previously disturbed facility already dedicated for use as a storage tank and pump station site. Therefore, environmental impacts should be similar to rehabilitation of existing facilities, limited to those associated with excavation and pipe installation, and minor upgrade or expansion of system capacity.

This decision is allowed because the specified project elements should not entail significant adverse impacts to the quality of the human environment. Documentation supporting this determination is on file at the TWDB.

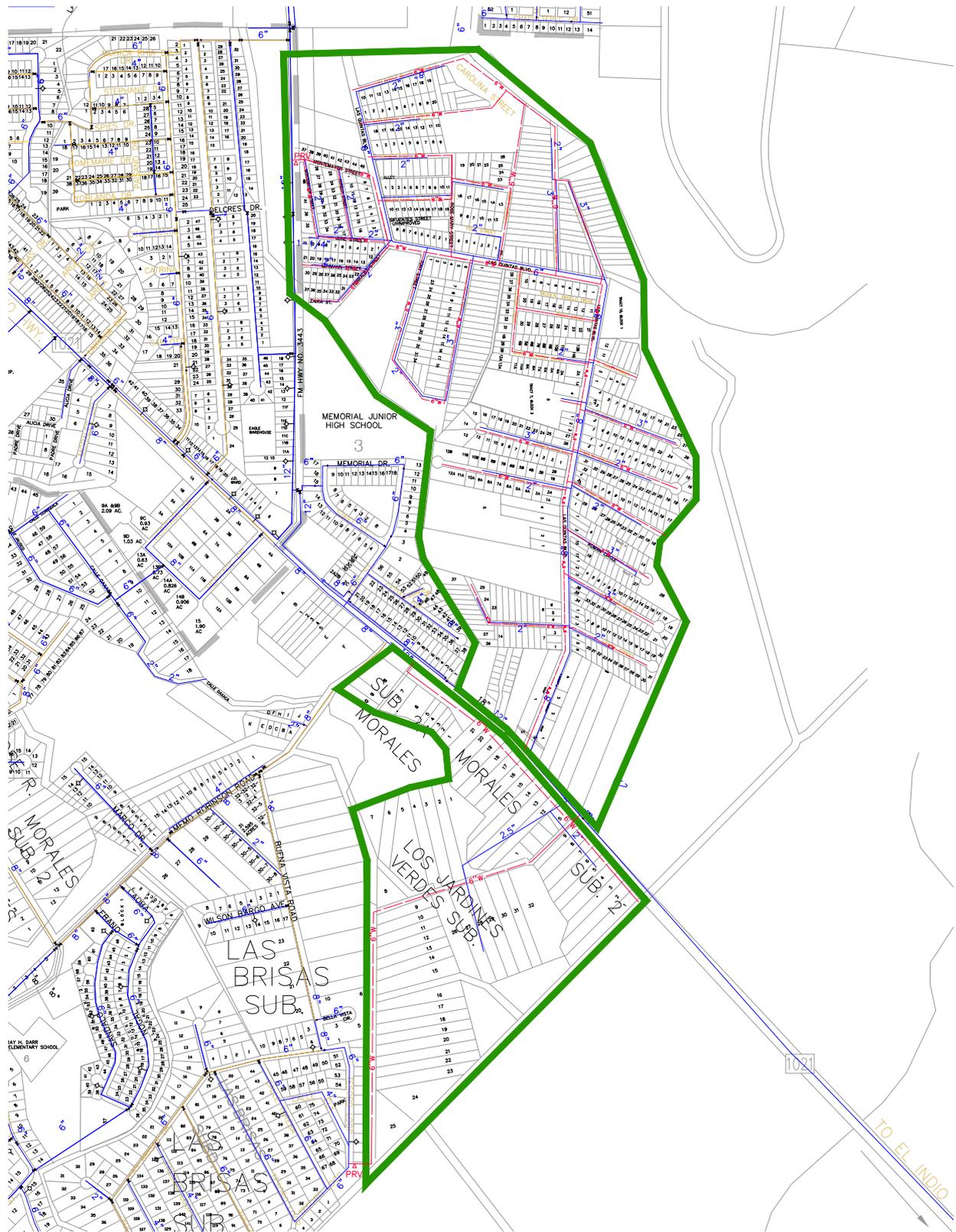
This determination shall be revoked if it is found that:

- (1) the project no longer meets the requirements for a CE as a result of changes in the project;
- (2) the project involves extraordinary circumstances as described in 31 TAC Chapter 371, Subchapter E; or
- (3) the project may violate or has violated federal, state, local, or tribal laws.

The project also must comply with the following conditions:

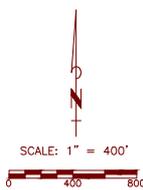
- The City will use boring techniques to avoid potential waters of the United States, including wetlands;
- Prior to construction within any given floodplain, a floodplain permit or documentation that no permit is required must be obtained from the local floodplain administrator in accordance with the National Flood Insurance Program;
- Standard emergency condition for the discovery of cultural resources; and
- Standard emergency condition for the discovery of threatened and endangered species.

Comments regarding this determination may be submitted to the Director of Regional Water Project Development, Texas Water Development Board, P.O. Box 13231, Austin, Texas 78711-3231.



LEGEND

- PIPE REPLACEMENT BOUNDARY
- 6" EXISTING P.V.C. WATER PIPELINES
- 6" EXISTING ASBESTO WATER PIPELINES
- 6" EXISTING WATER PIPELINE TYPE UNKNOWN
- 6" PROPOSED WATER LINE
- ▲ PRV PRESSURE REDUCING VALVE



WATER LINE REPLACEMENT	
SIZE	LENGTH
6"	26,734
8"	3,083
6"	6,758

6-6

WATER LINE PIPE REPLACEMENT PROGRAM

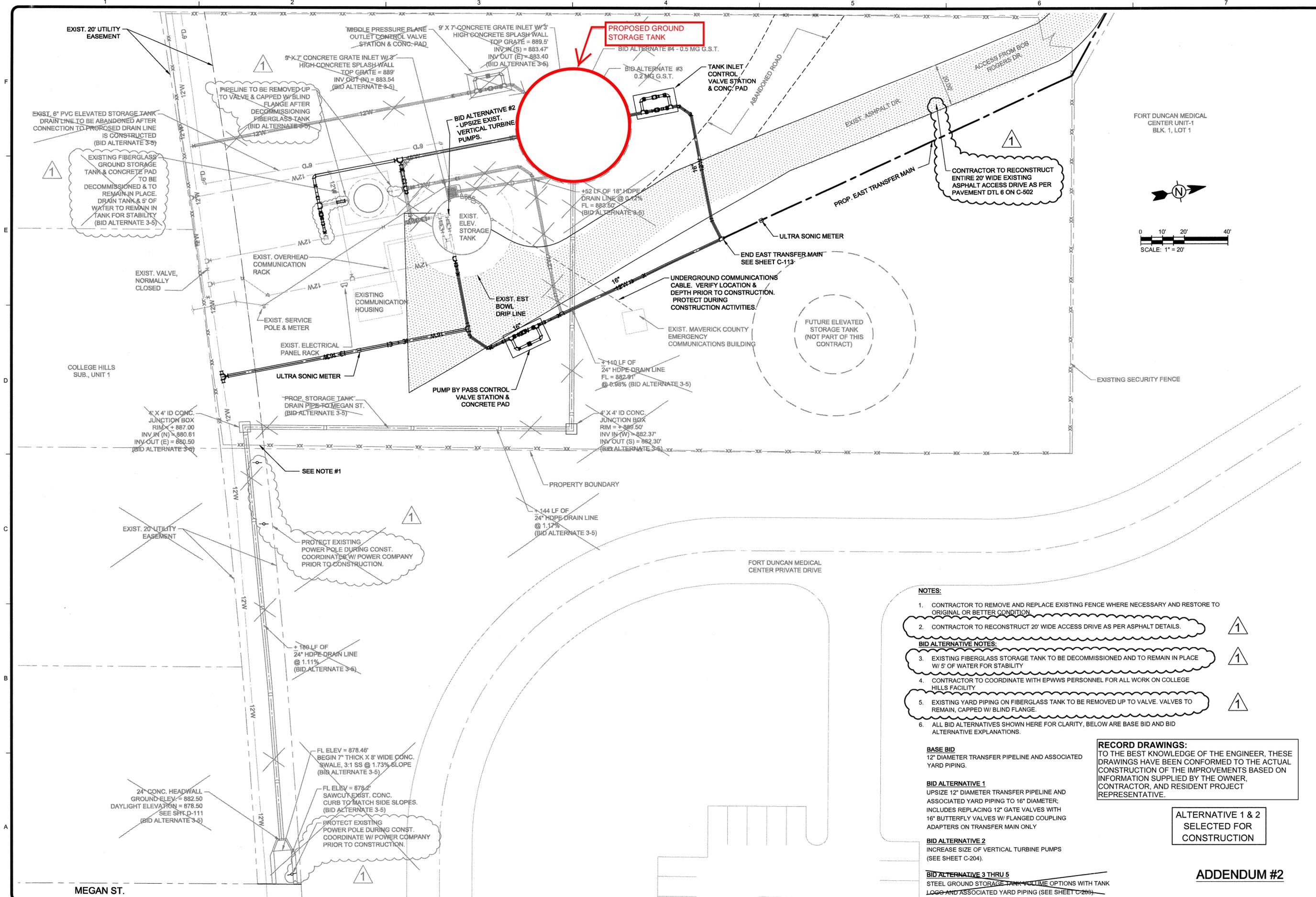
Client: **BAILE PAUL WATER WORKS**
 BAILE PAUL TISDAE
 Project No.: 131-09309-08110
 Drawn by:
 Checked by:

MARK	DATE	DESCRIPTION	BY



www.tetrattech.com
 700 N. St. Mary's St., Suite 300
 San Antonio, Texas 78205
 (210) 226-2922 (210) 226-8497 FAX

3/6/2012 10:16:07 AM - P:\09309131-09309-11003\CAD\SHSHEET\C-201 COLLEGE HILLS EST SITE PLANDWG - LAUE, JOHN



NOTES:

1. CONTRACTOR TO REMOVE AND REPLACE EXISTING FENCE WHERE NECESSARY AND RESTORE TO ORIGINAL OR BETTER CONDITION.
2. CONTRACTOR TO RECONSTRUCT 20' WIDE ACCESS DRIVE AS PER ASPHALT DETAILS.
3. EXISTING FIBERGLASS STORAGE TANK TO BE DECOMMISSIONED AND TO REMAIN IN PLACE W/ 5' OF WATER FOR STABILITY.
4. CONTRACTOR TO COORDINATE WITH EPWWS PERSONNEL FOR ALL WORK ON COLLEGE HILLS FACILITY.
5. EXISTING YARD PIPING ON FIBERGLASS TANK TO BE REMOVED UP TO VALVE. VALVES TO REMAIN, CAPPED W/ BLIND FLANGE.
6. ALL BID ALTERNATIVES SHOWN HERE FOR CLARITY, BELOW ARE BASE BID AND BID ALTERNATIVE EXPLANATIONS.

BASE BID
12" DIAMETER TRANSFER PIPELINE AND ASSOCIATED YARD PIPING.

BID ALTERNATIVE 1
UPSIZE 12" DIAMETER TRANSFER PIPELINE AND ASSOCIATED YARD PIPING TO 16" DIAMETER; INCLUDES REPLACING 12" GATE VALVES WITH 16" BUTTERFLY VALVES W/ FLANGED COUPLING ADAPTERS ON TRANSFER MAIN ONLY

BID ALTERNATIVE 2
INCREASE SIZE OF VERTICAL TURBINE PUMPS (SEE SHEET C-204).

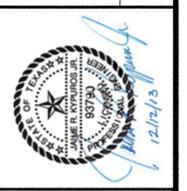
BID ALTERNATIVE 3 THRU 5
STEEL GROUND STORAGE TANK VOLUME OPTIONS WITH TANK LOGS AND ASSOCIATED YARD PIPING (SEE SHEET C-205)

RECORD DRAWINGS:
TO THE BEST KNOWLEDGE OF THE ENGINEER, THESE DRAWINGS HAVE BEEN CONFORMED TO THE ACTUAL CONSTRUCTION OF THE IMPROVEMENTS BASED ON INFORMATION SUPPLIED BY THE OWNER, CONTRACTOR, AND RESIDENT PROJECT REPRESENTATIVE.

**ALTERNATIVE 1 & 2
SELECTED FOR
CONSTRUCTION**

ADDENDUM #2

TETRA TECH
www.tetrattech.com
Texas Registration No. F-5924
700 N. St. Mary's Street, Suite 300
San Antonio, Texas 78205
Phone: (210) 226-2922 Fax: (210) 226-4497



EAGLE PASS WATER WORKS
21007 N. VETERANS BLVD.
EAGLE PASS, TX 78852

MARK	DATE	DESCRIPTION
1	11/29/11	ADDENDUM #2
2	02/29/12	CONFORMED SET
3	12/12/13	ALTERNATE 1 & 2 SELECTED FOR CONSTRUCTION
4	12/12/13	RECORD DRAWING SET

**COLLEGE HILLS
STORAGE TANK AND
PUMP STATION SITE PLAN**

Project No.: 131-09309-11003
Designed By: JUS
Drawn By: JPG
Checked By: JRK

C-201

Bar Measures 1 inch