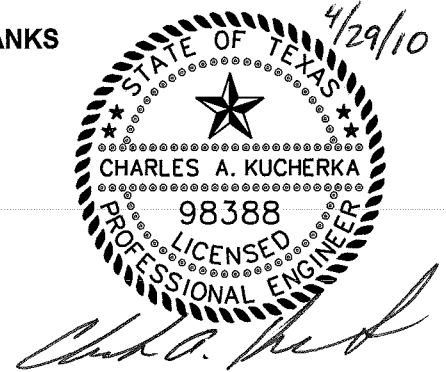


CITY OF BRYAN, TEXAS
TABOR – 16TH ST. & N. TEXAS GW STORAGE TANKS
(5 MG SITE)
FNI PROJECT NO. BRY09116

ADDENDUM NO. 1
April 29, 2010



BIDDING REQUIREMENTS:

A1-1 PROPOSAL

- A. Reference: Page 6 of 6, TIME OF COMPLETION:
Modification: Modify the paragraph as follows:

"TIME OF COMPLETION: The undersigned agrees to complete the work within **360** calendar days from the date designated by the Notice to Proceed."

TECHNICAL SPECIFICATIONS:

A1-2 SECTION 02 41 00 - DEMOLITION

- A. Reference Page 1, Paragraph 1.02.A.
Modification: Modify the paragraph as follows:

"Tank and site: **The existing ground storage tank exact dimensions, elevations, wall thicknesses, presence and location of baffle walls, etc. is not known.** Prior to submittal of Bid Proposal,..."

- B. Reference Page 1, Paragraph 1.02.E.
Addition: Add the paragraph as follows:

"E. The existing diameter and depths of existing well(s) located on the proposed 5 MG tank site are unknown. It is the contractor's responsibility to determine dimensions and locations significant to this project."

A1-3 SECTION 22 14 29.16 – SUBMERSIBLE SUMP PUMPS

- Reference Page 2, Paragraph 2.04.A.
Modification: Modify the paragraph as follows:

"A. A single duplex control panel shall be provided to control both pumps. The control panel..."

A1-4 SECTION 33 16 13.16 – PRESTRESSED CONCRETE ABOVEGROUND WATER UTILITY STORAGE TANKS

- A. Reference Page 2, Paragraph 1.03.B.
Deletion: Delete the last sentence of the paragraph.

- B. Reference Page 10, Paragraph 2.03.B.
Addition: Add the following sentence at the end of the paragraph:
"Steel bar supports may be utilized between two layers of reinforcing in the slab. Steel supports shall meet minimum depth of cover requirements and shall not be in contact with the soil."

- C. Reference Page 17, Paragraph 3.09.F.
Deletion: Delete the entire paragraph.

A1-5 REPLACE THE FOLLOWING SECTIONS:

REPLACE SECTION WITH SECTION
01 35 00 – SPECIAL PROCEDURES 01 35 00 – SPECIAL PROCEDURES

DRAWINGS:

A1-6 SHEET C-1 – OVERALL SITE PLAN

A. Reference: Notes:

Addition: Add the following notes:

- “5. Contractor shall make an effort to save existing oak tree located on the northwest corner of the property.
- 6. Contractor shall install curb repair/replacement at all existing driveways at the proposed 5 MG tank site.
- 7. Contractor is responsible for replacement of existing sidewalks and concrete required for removal and replacement of fencing at the High Service Pump Station. Match existing sidewalks and concrete flat work.”

A1-7 SHEET C-3 – SITE AND YARD PIPING PLAN

B. Reference: Notes:

Addition: Add the following note:

“5. Ductile iron waterlines shall be backfilled per City of Bryan Bedding and Trench Detail W4-02, Option 1, outside of structural and roadway areas. Gravel Embedment used for pipe embedment indicated below shall be used in lieu of City of Bryan Granular Embedment:

Gravel embedment material shall be sandy gravel or blended sand and crushed rock, free from large stones, clay, and organic material. Embedment material shall be a soil classification of GW, GP, SW, or SP as determined by ASTM D2487. The embedment material shall be such that when wet, the fine material shall not form mud or muck or be dispersive. The embedment material shall be composed of tough durable particles, reasonably free from thin, flat and elongated pieces, and of suitable quality to insure permanence in the trench. The P.I. of the fines shall not exceed 3. Light weight aggregate is not acceptable for granular embedment. Material used for granular embedment shall have a resistivity of not less than 5000 ohms/cm as measured by ASTM G57. Embedment shall be compacted to ninety-five percent (95%) of Standard Proctor Density.

GRANULAR EMBEDMENT FOR RIGID PIPE: This shall be cohesionless material meeting the following gradation requirements:

Sieve Size Sq. Openings	Amount Passing Percent by Weight
1/2"	100
3/8"	85 - 100
No. 4	10 - 30
No. 8	0 - 10
No. 16	0 - 5

A1-8 SHEET C-8 – GROUND STORAGE TANK SECTION

A. Reference: Detail 2 – Typ. Structural Wall Section

Modification (TEXT): Modify the call out for granular leveling base as follows:

“PROVIDE 12” MIN. GRANULAR LEVELING BASE”

A1-9 SHEET C-12 – GROUND STORAGE TANK APPURTENANCES

- A. Reference: Detail 4 – Perimeter Drain System
Modification (TEXT): Modify the call out for the drain piping dimension below the tank footing as follows:

~~“DIMENSION SHALL BE 12” MIN. PLUS SLOPE OF 1/4” PER FOOT FROM EAST SIDE OF TANK TO WEST SIDE OF TANK.”~~

A1-10 SHEET C-14 – 3.0 MG TANK DEMOLITION

- A. Reference: Notes, Note 4.
Modification: Modify note 4 as follows:

“4. Contractor may use excavated soil from the construction of the proposed 5 MG ground storage tank for backfill of existing tank. Contractor shall use sandy (SP) and clayey sands (SC) and avoid silty soils. Contractor shall provide certified test reports of soils to be used for backfill. Contractor shall compact (Standard Proctor) and verify compaction of soils from the excavation. Top 12-inches of backfill below the 6” topsoil layer shall be select fill meeting “Select” fill requirements per Section 10.4 of the geotechnical report. Compact soils per the specifications and geotechnical report.”

- A1-11 ADD THE FOLLOWING SHEETS TO THE DRAWINGS:
C-1A - PROPOSED 5.0 MG TANK & EXISTING SITE PLAN

END OF ADDENDUM NO. 1

01 35 00 SPECIAL PROCEDURES

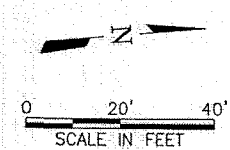
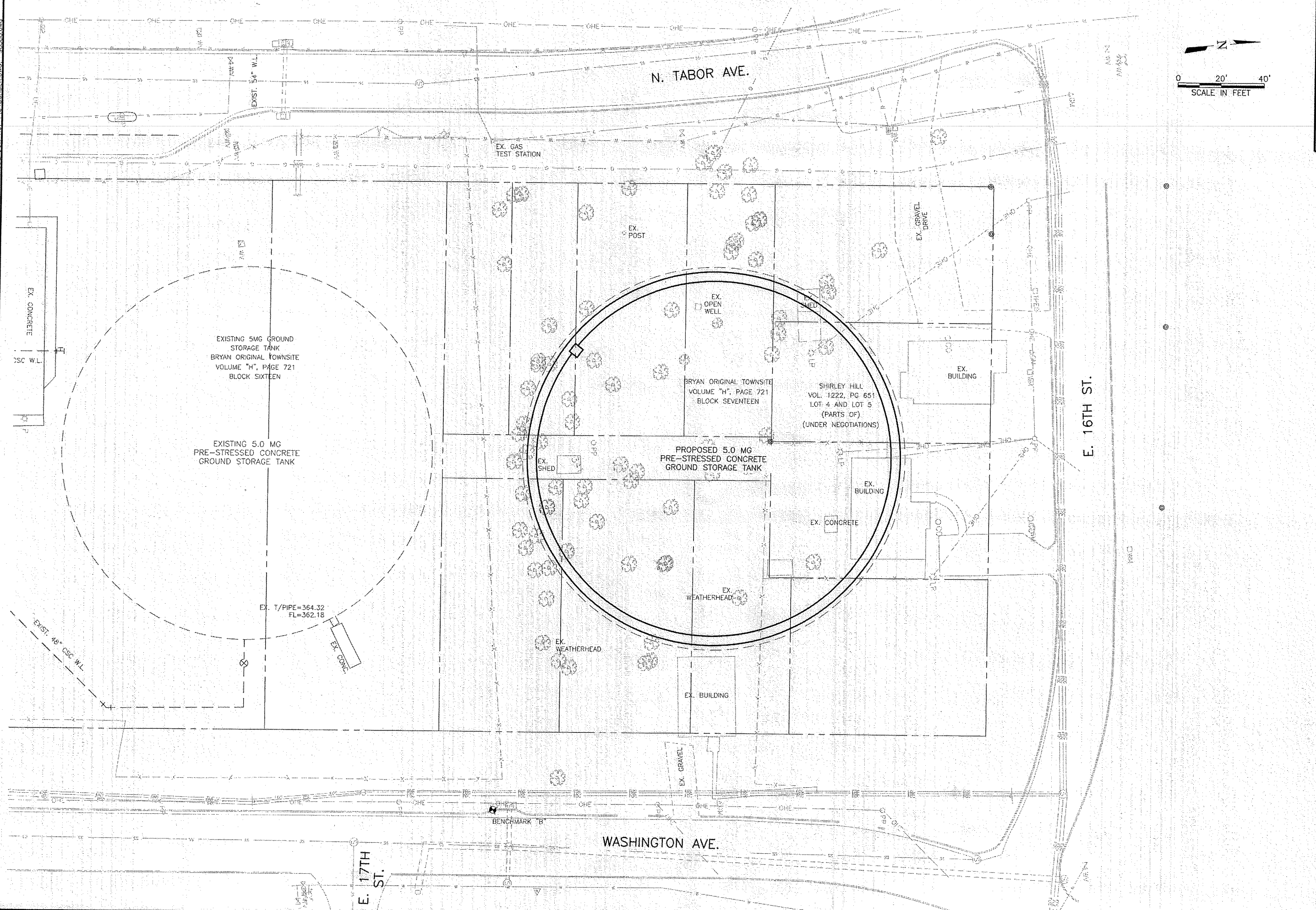
1.00 GENERAL

1.01 CONSTRUCTION SEQUENCE

- A. Perform the work as required to complete the entire project within the contract time and in the sequence stipulated below:
 - 1. NTP given to Contractor.
 - 2. Within 30 days of NTP provide Engineer with sealed tank shop drawings and selected drawings in ACAD for review and submittal to the TCEQ. Work shall not start on proposed GST prior to TCEQ approval and notification by the Engineer. Contractor may start clearing the site, yard piping not affecting storage capacities, and architectural enhancements to the existing tank. The existing 5 MG tank shall stay in operation during the construction of its architectural improvements. All other items of work shall be approved by the City and the Engineer prior to commencement.
 - 3. Contractor will be given notification to commence with construction of the proposed GST, on or around September 1, 2010. Construct proposed water storage tank and waterlines that do not affect the capacity of the existing pump stations and ground storage facilities.
 - 4. Proposed 5 MG tank shall be substantially complete and placed into service prior to the start of the existing water storage tank demolition.
 - 5. Construct waterlines and pump station modifications affecting the pump station's capacities. The pump stations shall be able to operate with a minimum of two pumps at all times with the exception of isolated connection times with approval of the Engineer and Owner. All connections that will require interruption of water transmission or service shall be planned for execution between the months of November and March.
- B. Consider the sequences, duration limitations, and governing factors outlined in this Section to prepare the schedule for the work.
- C. Perform the work not specifically described in this Section as required to complete the entire project within the contract time.

END OF SECTION

ACAD: Rel 18.Us (LMS Tech) User: ddh Office: SASRV1
 (BRY09116) M:\BRYAN 5.0MG ADDENDUM NO. 1\WR-5MG-EX-TOPO.dwg LAYOUT: Layout1
 Apr 29, 2010 - 4:01pm PLS: 1 TWIST: SASRV1
 REFERENCES: M:\BRYAN 5.0MG ADDENDUM NO. 1\CV-BRY-TANK-BASE.dwg M:\BRYAN 5.0MG ADDENDUM NO. 1\EX-BRY-SAINCH-BASE.dwg M:\BRYAN 5.0MG ADDENDUM NO. 1\CV-BRY-EX-BASE.dwg M:\BRYAN 5.0MG ADDENDUM NO. 1\34BORDER.DWG 98388.dwg



Freeze and Nichols, Inc.
 Texas Registered Engineering Firm, E-2144
 4/27/10
 CHARLES A. KUCHERA
 98388
 CIVIL ENGINEER

FREEZE & NICHOLS
 CIVIL ENGINEERS
 10014 Jubilee Road Building II, Suite 100
 Dallas, Texas 75245-3100
 Phone - (972) 317-3100
 Fax - (972) 617-3101

CITY OF BRYAN, TEXAS
**TABOR - 16TH ST. & N. TEXAS
 GW STORAGE TANKS (5 MG SITE)**
 CIVIL
**PROPOSED 5.0 MG TANK &
 EXISTING SITE PLAN**

NO.	ISSUE	BY	DATE	P&N JOB NO.
				BRY09116
			DATE	DESIGNED
			APR. 2010	CAK
				DDH
				CJE
			4/29/10	CAK
				CAK
				WR-5MG-EX-TOPO.dwg

ADDITIONAL NO. 1
 VERIFY SCALE
 Bar is one inch on original drawing if not one inch on this sheet, adjust scale.

SHEET
C-1A
 SEQ.