



1/06/2025

Dear Members of the Board,

On behalf of the Burleson County AgriLife Extension Office, I am requesting consideration of a grant to support the installation of a rainwater harvesting system at our Caldwell office.

Over the past year, our office has worked closely with Post Oak Savannah Groundwater Conservation District to host multiple rainwater harvesting education programs at our building. By adding a permanent rainwater collection system, this site would serve as a long-term demonstration and education location for rainwater harvesting and EarthKind landscaping practices.

The proposed system includes a 6,139-gallon galvanized steel rainwater collection tank and associated infrastructure to capture roof runoff and supply water for outdoor irrigation and EarthKind landscaping demonstration purposes. This installation would allow future classes to include hands-on instruction and live demonstrations, enhancing the water educational value for residents in Burleson County.

Attached is a proposal from JL Phelps & Associates Plumbing and Mechanical, which outlines the scope of work and total project cost of \$48,985.

We believe this project would provide ongoing public education benefits and strengthen the work between the County Extension and the District while promoting water conservation practices. Thank you for your consideration, and please let me know if any other information is needed.

Sincerely,

John M. Grange
Texas A & M Agrilife Extension Service
County Extension Agent
Ag/Natural Resources
Burleson County

100 W. Buck St. STE 105
Caldwell, TX 77836
(979) 567-2308
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Website: www.jlpshelpsplumbing.com

Master License M-40183

JL Phelps & Associates Plumbing and Mechanical LLC



1210 E. 4th Street
Taylor, TX 76574

Contractor Agreement

THIS AGREEMENT made the 18 day of November 2025, by and between JL Phelps & Associates Plumbing and Mechanical LLC. here after called the Contractor and Burleson County Agrilife herein called the Client.

Attn: John Grange

P: 979-567-2308

Email: john.grange@ag.tamu.edu, CC: jwise@posgcd.org

Project Name: Burleson County Agrilife – Rainwater Collection

Building permit:

WITNESSETH that the Contractor and the General Contractor agree for the considerations named as follows:

Scope of Work

We propose to furnish the following rainwater collection tank and water piping as per submitted specifications for a price of \$48,985.00. Included in this price is the following:

Work Performed

- Furnish and install galvanized steel 6,139 US Gallons Rainwater Collection Tank.
- Include submitted tank pad plan.
- Furnish and install a total of two hose bibs East corners of building.
- Furnish and install exposed down spout piping on East side of building 3" PVC.
- Trench underground down spout piping across existing parking lot to front grass area at tank location approximately 100 LF developed length.
- Furnish and install corrugated steel dom rough to storage tank.
- Furnish and install frost proof yard hydrant at rainwater collection tank.
- Furnish and install first flush leaf debris basket at tank.
- Furnish and install site float and glass depth gauge at tank.
- Furnish and install necessary overflow piping at tank.
- Furnish and install all necessary roof scuppers on East side of building.
- All electrical wiring and final connections to be done by others.
- All existing ditching to be backfilled and graded to existing using existing dig spoils.
- All final asphalt patch back to be done by others.
- 1 year warranty on all labor and material furnished and all manufacture warranties apply.

Contract Price

The Owner shall pay the contractor for material and labor to be performed under the sum of \$48,985.00.

Progress Payments

Payments of Contract Price shall be made as follows: ½ down commencement of work, and remaining balance due upon completion.

Credit Card Payments will be assessed a 3.9% processing fee.

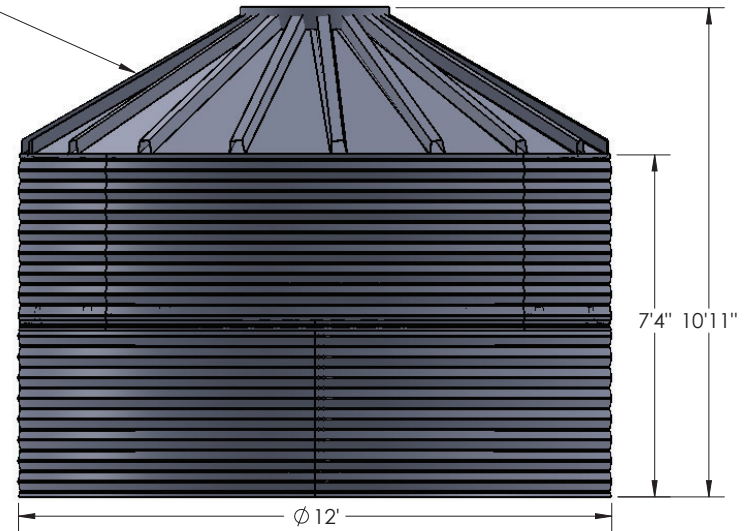
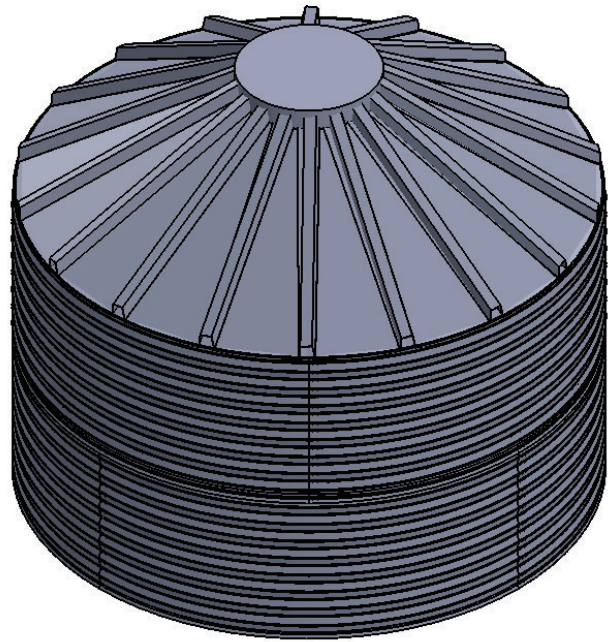
Signed this _____ day of _____, 20____

Contractor _____

Client: _____

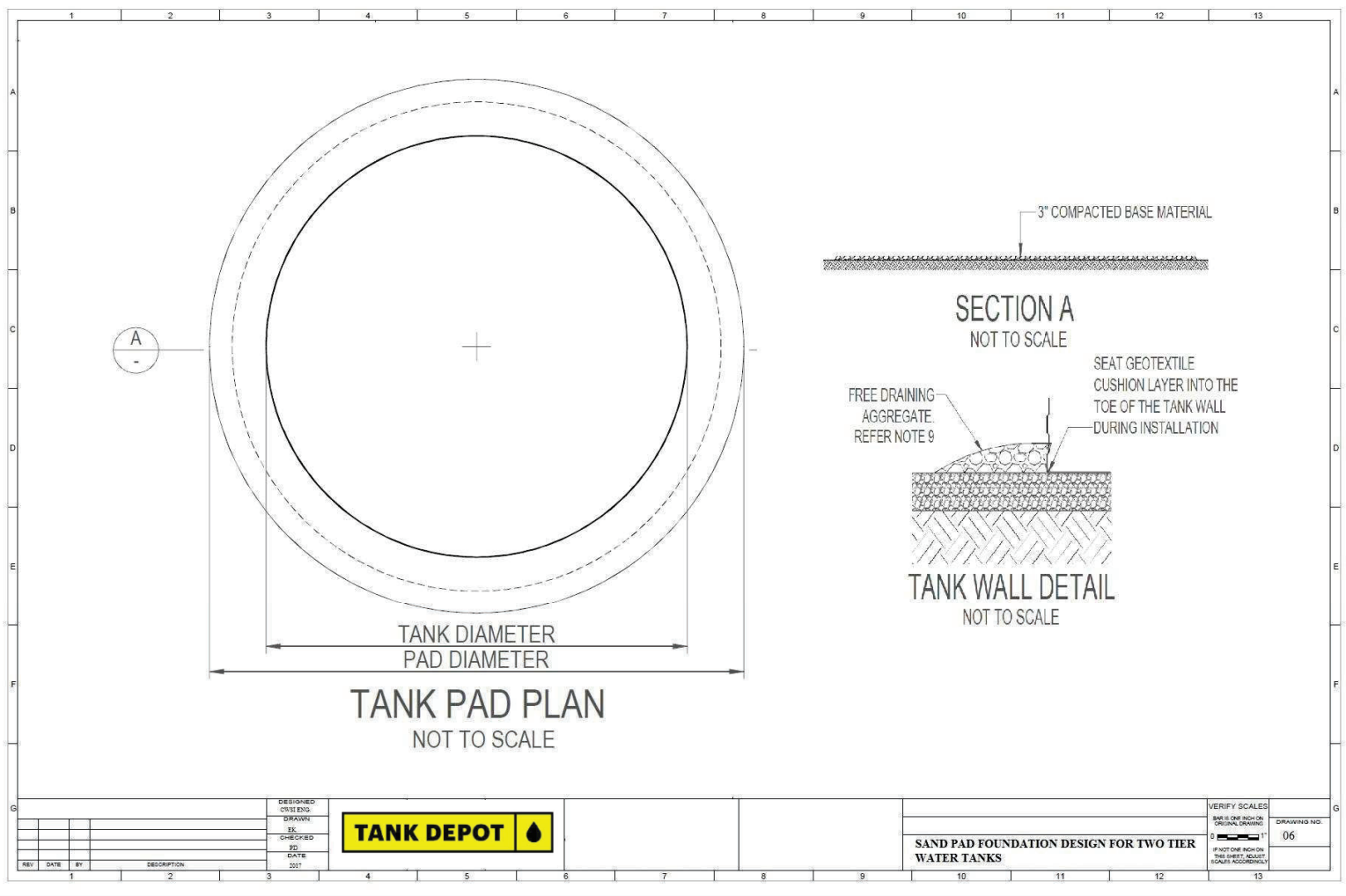
NOTES:
1. NOMINAL CAPACITY: 6139 U.S. GALLONS

30° ROOF CONFIGURATION



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DRAWING IS THE SOLE PROPERTY OF
THE FACTORY. ANY REPRODUCTION IN
PART OR AS A WHOLE WITHOUT THE
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UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	AP 9.27.18
TOLERANCES:		CHECKED	
FRACTIONAL: $\pm 1/16"$		ENG APPR.	
ANGULAR: MACH: $\pm .5^\circ$ BEND: $\pm .5^\circ$		MFG APPR.	
TWO PLACE DECIMAL: $\pm .02"$		Q.A.	
THREE PLACE DECIMAL: $\pm .005"$		COMMENTS:	
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5		SALES DRAWING-TANK GENERAL ARRANGEMENT	
MATERIAL		TITLE:	
MIXED		GENERAL ARRANGEMENT	
FINISH		CGS 12'	
N/A		2 TIER	
DO NOT SCALE DRAWING		SIZE	DWG. NO.
		B	12S
		SCALE: 1:30	WEIGHT: 769 LBS
		SHEET 1 OF 1	
		REV	1



INSTRUCTIONS

1. THE TANK PAD DIAMETER MUST BE AT LEAST SIX FEET LARGER THAN THE TANK FOR INSTALLATION
2. REMOVE ALL LOAM, VEGETATION AND SHARP OBJECTS FROM TANK PAD LOCATION
3. WHEREVER POSSIBLE, THE TANK SHOULD BE EXCAVATED INTO NATURAL GROUND
4. WHEN EXCAVATING A SITE, ADEQUATE DRAINAGE MUST BE INSTALLED TO ALLOW WATER TO BE DIVERTED AROUND THE TANK
5. WHEN USING FILL TO LEVEL A SITE, ADEQUATE RETAINING MUST BE INSTALLED TO MAINTAIN PAD INTEGRITY
6. TANK PAD MATERIAL MUST BE CRUSHED STONE OR SIMILAR, WITH PARTICLE SIZE 1/4" OR LESS. TANK PAD BASE TO BE 3" THICK AND LEVEL WITHIN 1/2"
7. ONCE COMPLETE, ENSURE ANY DAMAGE BY VEHICLES OR LIVESTOCK IS ADEQUATELY REPAIRED
8. ON THE DAY OF INSTALLATION, THE CUSTOMER IS REQUIRED TO HAVE AVAILABLE:
 - A) ENOUGH WATER TO FILL 10% OF THE TANK VOLUME WHILE THE INSTALLER IS ON SITE
 - B) SOMEONE TO ADVISE WHERE NOZZLES ARE TO BE INSTALLED
 - C) PAYMENT OF ANY BALANCE DUE PRIOR TO INSTALLATION
9. ONCE THE TANK INSTALLATION IS COMPLETE, PLACE A LAYER OF FREE DRAINING AGGREGATE AROUND THE PERIMETER OF THE TANK TO REDUCE BASE EROSION
10. TO FINISH, ADD 2" ROADWORTHY, DEBRIS FREE SAND FOR FINAL LEVEL, TAKE PICTURES WITH TAPE MEASUREMENTS AND LEVEL FOR TD APPROVALS