



Application for Plan Review

Application # _____

Date Received: _____ Received By: _____

Name of Project: Armtec Defense - Diesel Tank Replacement

Physical Address of Project: 608 E. McNeill St.

Lillington, NC 27546

Plans Submitted By: VITAL Fuel Systems

Project Phone: (_____) - _____

Contact Person/Address: Jim Bologna

608 E. McNeill St

Lillington, NC 27546

Contact Email: thorton@vitalfuelsystems.com

Contact Phone: (919) - 629 - 8174 (_____) - _____

Contractor's Name/Info: VITAL Fuel Systems

1076 Classic Rd

Apex, NC 27511

Contractor's Phone: (919) - 629 - 8174

- Plans that are submitted will be reviewed as quickly as possible with an average time of review between 7-10 working days.
- Status checks may be conducted on plan reviews by visiting the website <http://htweb.harnett.org/Click2GovBP/Index.jsp> or by calling the Harnett County Central Permitting Office (910-893-7525, Option #2), or the Harnett County Fire Marshal's Office (910-893-7580).
- Approved plans must be picked up from the Central Permitting Office and all fees paid before any required inspections can be conducted.

Project: Armtec Tank Replacement
Lillington, NC

Date: June 13, 2022

Subject: **Site Visit**

Equipment:

- (1) 2,500 Gallon Double Wall Carbon Steel Aboveground Storage Tank with Seal Welded Saddles, NPTS Fittings, 2" Top Fill with Spill Manhole, Overfill Prevention Valve, Aluminum Drop Tube, and UL 142 Labeled
- (1) 2" Updraft Vent
- (2) 6" Emergency Vents
- (1) Mechanical Tank Top Clock Style Gauge with Battery Powered High Level Alarm
- (1) Mechanical Interstitial Leak Detection Gauge
- (1) 1" Anti-Siphon Valve
- (1) 1" Foot Valve

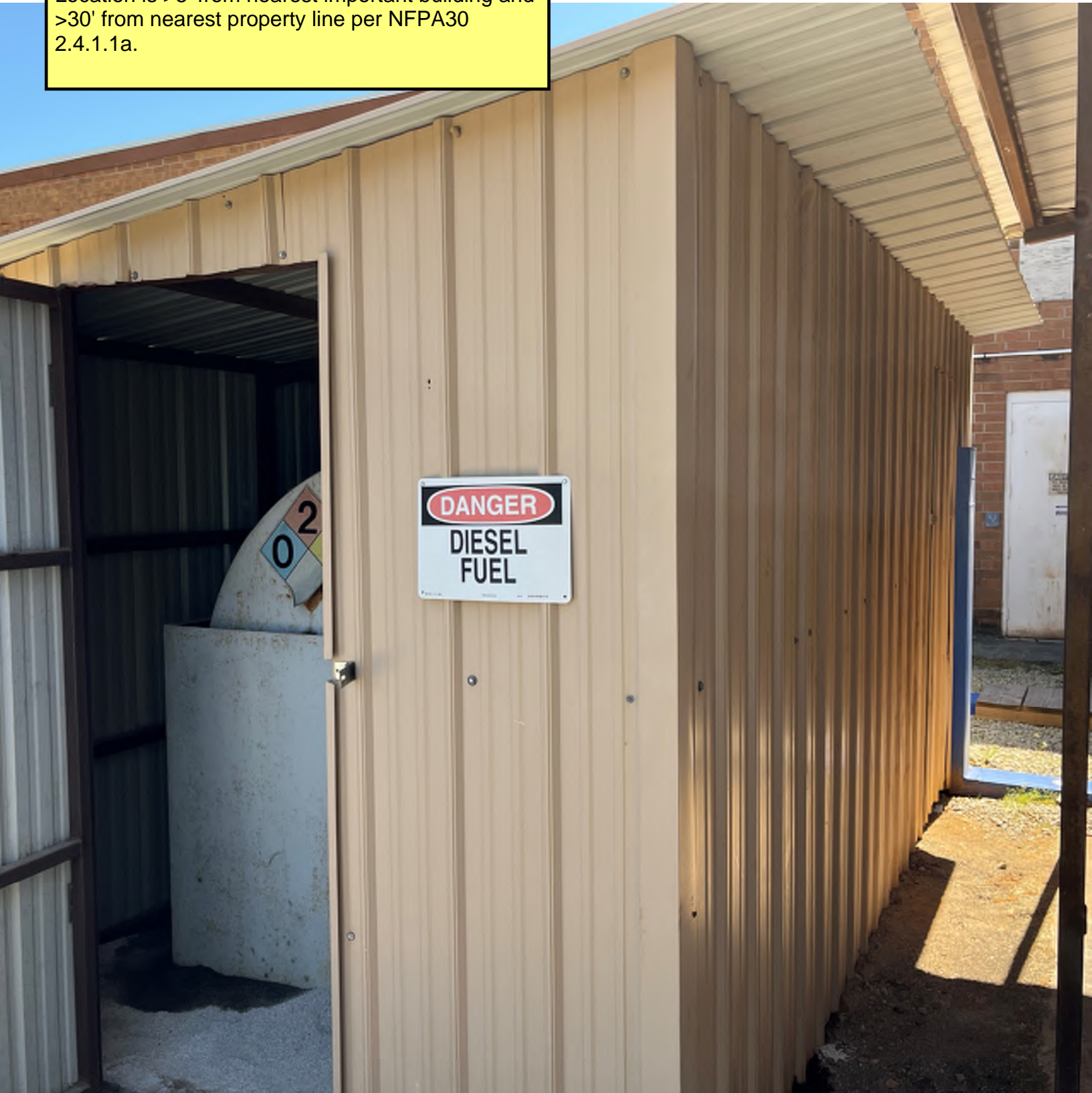
Installation to include the following:

- Offloading and setting 3,000 gallon temporary tank adjacent to existing fuel tank
- Disconnecting fuel lines at existing tank and pumping fuel from existing tank to temporary tank
- Cleaning, removing, and properly disposing of existing 2,500 gallon diked tank (*shed to be removed by others*)
- Offloading, setting, and installing new 2,500 aboveground storage tank in same location (*pricing assumes reusing existing concrete pad*)
- Installing necessary tank appurtenances including overfill prevention valve, clock gauge, vents, etc.
- Pumping fuel from temporary tank into new permanent fuel tank and reconnecting fuel lines
- Removing temporary tank from site and air testing permanent tank



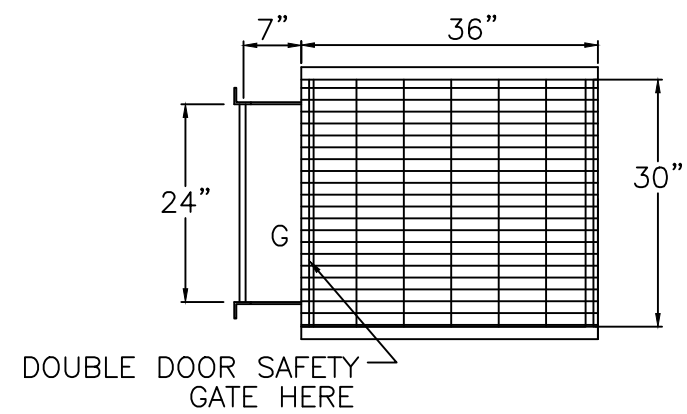
Existing 2500 gallon dike tank and shed to be removed and replaced with new doublewall UL142 2500 gallon tank in same location.

Location is >5' from nearest important building and >30' from nearest property line per NFPA30 2.4.1.1a.



NOTE: ALL RIGHTS RESERVED. THIS DRAWING MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF HIGHLAND TANK®. HIGHLAND TANK® SHALL BE RESPONSIBLE ONLY FOR ITEMS INDICATED ON THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTNESS OF SIZE AND LOCATION OF FITTINGS, ACCESSORIES, AND COATINGS SHOWN ON THIS DRAWING.

TOUCH UP OF FINISHED PAINT IS REQUIRED BY INSTALLATION CONTRACTOR. TOUCH UP PAINT SHIPPED WITH TANK.

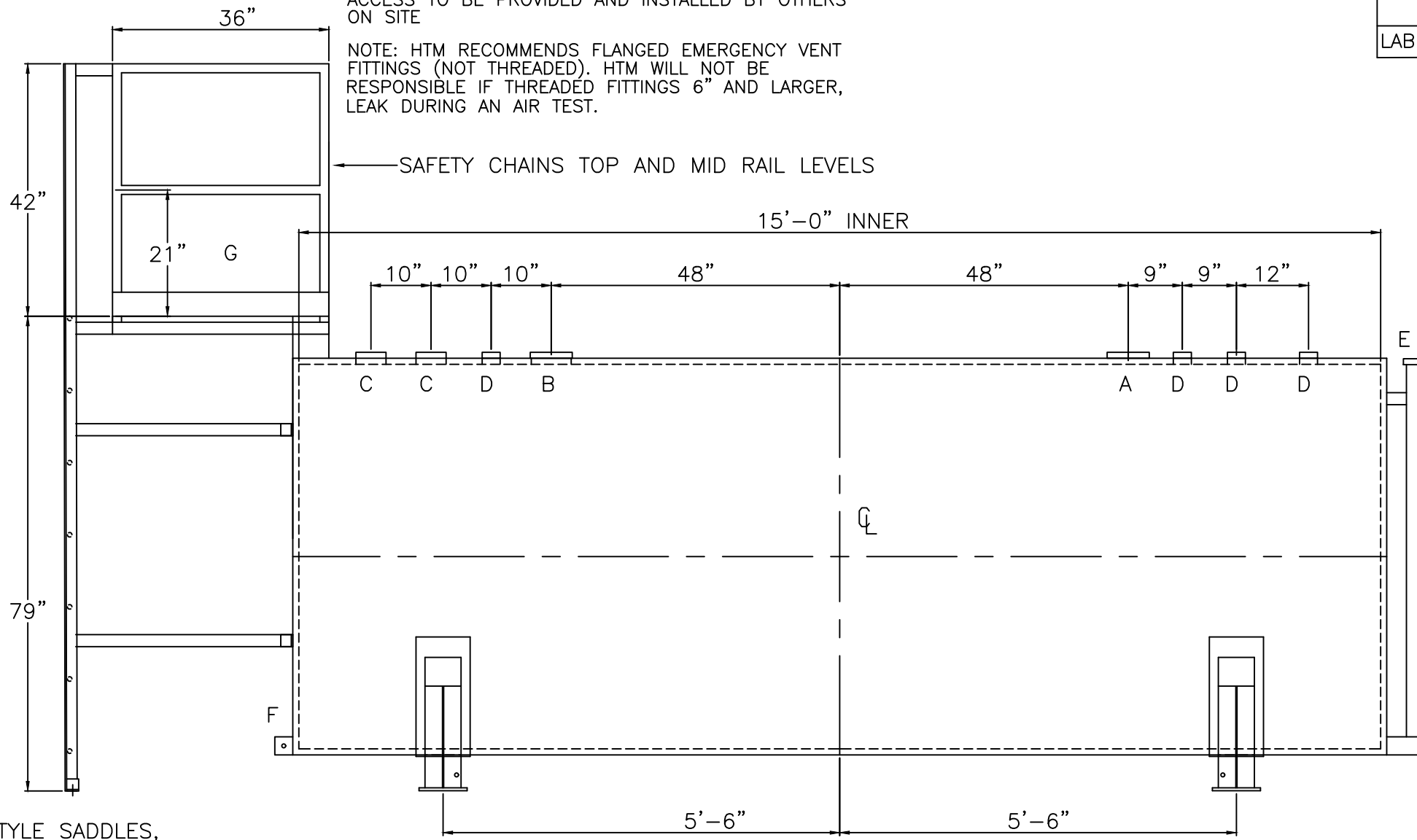
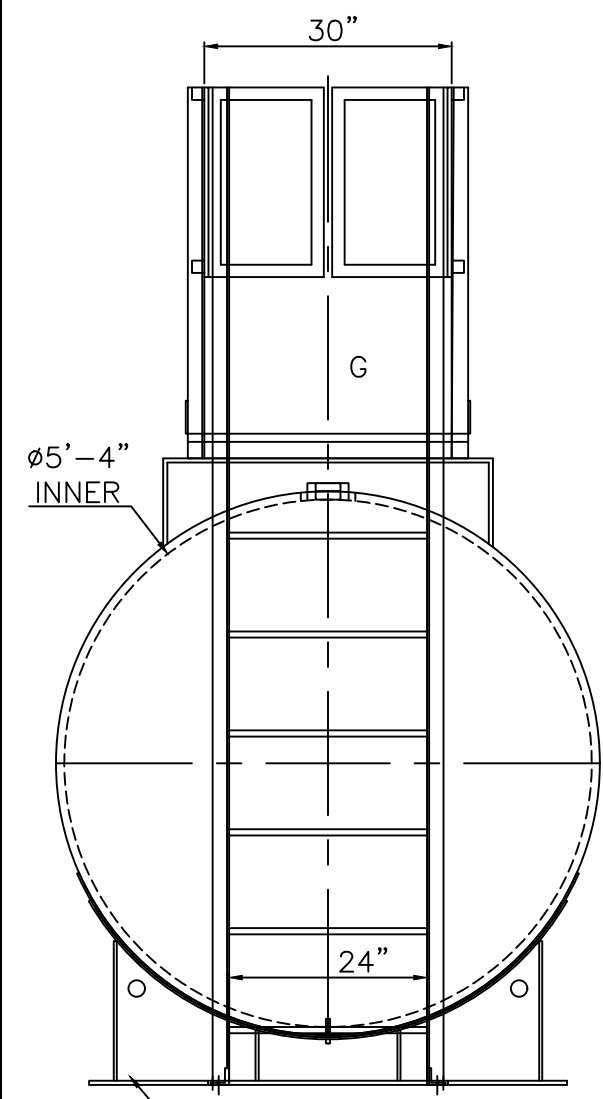


LEGEND	
A	6" FITTING THROUGH OUTER SHELL ONLY, MARK WITH SPECIAL WARNING LABEL INTERSTITIAL EMERGENCY VENT USE ONLY
B	6" FITTING - PRIMARY EMERGENCY VENT USE
C	4" FITTING
D	2" FITTING
E	2" INTERSTITIAL MONITOR PIPE
F	3" x 3" PLATE w/ 1/2"φ (MIN.) HOLE ON CENTER (GROUNDING LUG-ONE REQ'D)
G	LADDER, PLATFORM AND SAFETY GATE PAINTED SAFETY YELLOW AND SHIPPED LOOSE FOR INSTALLATION ON SITE BY OTHERS

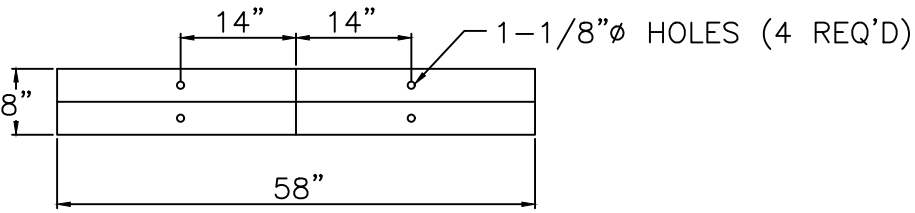
DESIGN DATA	
CAPACITY -	2,500 GALLONS
TYPE -	DOUBLE WALL - TYPE I
NO. REQ. -	1
OPERATING PRESSURE -	ATMOSPHERIC
SPECIFIC GRAVITY =	1.0
TANK MATERIAL -	MILD CARBON STEEL
THICKNESS - INNER- HEADS:	7 GA SHELL: 7 GA
THICKNESS - OUTER- HEADS:	10 GA SHELL: 10 GA
CONSTRUCTION - INNER -	LAP WELD OUTSIDE ONLY
CONSTRUCTION - OUTER -	LAP WELD OUTSIDE ONLY
TANK TEST - INNER -	5 PSIG
TANK TEST - OUTER -	+3 PSIG OR 13"hg VACUUM
INT. FINISH -	NONE
EXT. FINISH -	SP6 BLAST, EPOXY PRIMER, WHITE URETHANE PAINT
LABEL -	UL 142


ADDITIONAL SAFETY EQUIPMENT FOR TANK TOP ACCESS TO BE PROVIDED AND INSTALLED BY OTHERS ON SITE

NOTE: HTM RECOMMENDS FLANGED EMERGENCY VENT FITTINGS (NOT THREADED). HTM WILL NOT BE RESPONSIBLE IF THREADED FITTINGS 6" AND LARGER, LEAK DURING AN AIR TEST.



(2) 64"φ x 6" HIGH UL STYLE SADDLES, SEAL WELDED TO TANK.



 Highland Tank	
UNLESS NOTED, TOLERANCES ARE +/- 1"	
2,500 GAL 64"φ AG DW HORIZONTAL	
CUSTOMER: VITAL FUEL SYSTEMS INC	
PROJECT: LILLINGTON, NC.	
QUOTE NO:	520297
SCALE:	1/2" = 12"
DATE:	07/15/22
DWG. BY:	002
CHK'D BY:	
DWG. NO.:	121374

Inset See next page.

Harnett County GIS Viewer Disclaimer: All information within this application is considered reference only. - NOT FOR LEGAL USE

Advanced Search Search All

Info Window

Property

PIN - 0559.66.9840.000
PID - 100548 0289

[TAX BILL HISTORY](#)
[PROPERTY CARD](#)

Account Number - 1500049267
[LINK TO ALL TAXPAYERS *](#)

Owner - ARMTEC COUNTERMEASURES CO

Mailing Address - 608 E MCNEILL ST LILLINGTON, NC 27546-9189

Physical Address - 608 E MCNEILL ST LILLINGTON, NC 27546

Description - 30.72 ACRES LILLINGTON IND PROMOTION

Surveyed or Deeded Acreage - 30.72
Calculated Acreage - 28.04

Deed Date - 5/4/2022
Deed Book and Page - 4148 : 0619
[LINK TO DEED *](#)
[LINK TO DEED HISTORY *](#)

Plat Book and Page - :
[LINK TO SURVEY *](#)

*(Older Plat Cabinets must be independently searched via ROD by typing **pc#ABCDEF** : [ROD search](#)/)*

*(*Deed and Survey are subject to availability)*



Nearest property line.

Tank Location is here.