

USED OIL AST SCOPE OF WORK NOTES:

1. INSTALLATION OF 2,000 GALLON DOUBLE WALLED ABOVEGROUND STORAGE TANK FOR USED OIL STORAGE.
2. CONCRETE PAD FOR 2,000 GALLON AST.
3. INSTALLATION OF PNEUMERCATOR LC2000 OVERFILL ALARM CONSOLE.
4. EXISTING USED OIL SHALL BE DRAINED AND NEW OIL SHALL BE ADDED TO TANK WITH NEW PNEUMATIC PUMP, TANK PROBE, AND INTERSTITIAL SENSOR TIES INTO OVERFILL ALARM CONSOLE.
5. EXISTING OIL AST(S) SHALL HAVE TANK PROBES AND INTERSTITIAL SENSORS ADDED AND TIED INTO THE SITE MONITOR.
6. INSTALLER SHALL ROUTE 1" BLACK IRON USED OIL PIPE FROM EXISTING DIAPHRAGM PUMP TO NEW 2,000 GALLON USED OIL STORAGE TANK.
7. INSTALLER SHALL ROUTE 1" BLACK IRON USED OIL PIPE ALONG TIRE SHOP WALL ABOVE ALL MAN DOORS.
8. USED OIL FLEX HOSE FROM NEW PIT SHALL MANIFOLD TO EXISTING LINE AT DIAPHRAGM PUMP AND STRAINER.
9. USED OIL STRAINER SHALL BE NEW INSTALL AT BOTH PIT(S).
10. OVERFILL ALARM(S) AND ACKNOWLEDGEMENT SWITCH(S) SHALL BE LOCATION BETWEEN BAY DOORS AT WALL.
11. INSTALL USED OIL SOLENOID SWITCH(S) BETWEEN BAY DOORS TO CONTROL DIAPHRAGM PUMP IN TIRE STORAGE AREA.
12. INSTALL NEW OVERHEAD OIL REEL AND PUMP AT OLD USED OIL AST PER NOTE #4. (IF NECESSARY)
13. EXTEND OIL AND GREASE OVERHEAD PIPING IN BAY AREA. (IF NECESSARY).

USED OIL ABOVEGROUND STORAGE TANK EQUIPMENT

ITEM #	DESCRIPTION	QTY.	PART #	MANUFACTURER
A01	2,000 GALLON DW AST	1	---	IOOME
A02	OVERFILL ALARM CONSOLE	1	LC2000-21-00-21-0	PNEUMERCATOR
A03	TANK PROBE	FIELD VERIFY	LS600-1-BBH-8MB-L01	PNEUMERCATOR
A04	NOT USED			
A05	NOT USED			
A06	OVERFILL REMOTE ALARM	2	RA100KR	PNEUMERCATOR
A07	NOT USED			
A08	PNEUMATIC OIL PUMP	1	---	(MATCH EXISTING)

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2 USED OIL TANK SENSOR CONDUIT DETAIL

SCALE: 3/8" = 1'-0"

1 TIRE SHOP OIL STORAGE LAYOUT

SCALE: 3/32" = 1'-0"

HFA
ARCHITECTS
ENGINEERS
INTERIORS

HARRISON FRENCH & ASSOCIATES, P.L.L.C.

1705 S. Watson Blvd., Suite 3
Bentonville, Arkansas 72712
t 479.273.7790
f 479.273.9436
www.hfa-ae.com

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200 S KINGS HWY
FORT PIERCE, FL 34945

USED OIL AST

PROJECT NUMBER: 03-19-60467

Loves
Travel Stop &
Country Stores

RYAN S. RAY
LICENSE
No. 4568
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

2019.09.12 15:25:25-0500

Ryan S. Ray, P.E.
License #84568
Harrison French &
Associates, LTD
COA #28421

ISSUE BLOCK

2	09/13/19	ADD 2
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STORE NO: 467
DOCUMENT DATE: 05/14/19
CHECKED BY: BKH
DRAWN BY: WWB
PROTO CYCLE:

USED OIL PIPING AND ABOVEGROUND STORAGE TANK LAYOUT

SHEET: T-1