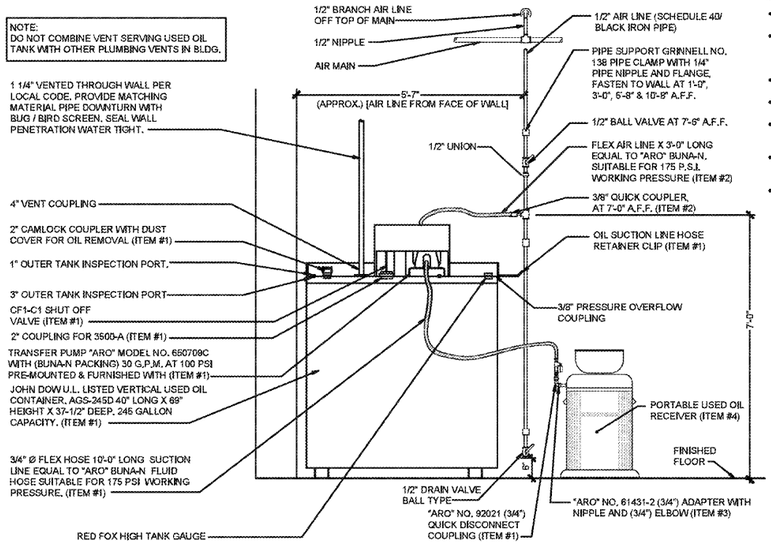
USED OIL STORAGE SYSTEM INSTALLATION

BILL OF MATERIAL - OWNER FURNISHED ITEMS

ITEM#	DESCRIPTION
1	JOHN DOW DOUBLE WALL WASTE OIL TANK COMPLETE WITH AIR OPERATED "ARO" DIAPHRAGM PUMP, AUTOMATIC AIR SHUTOFF, LIQUID LEVEL GAUGE, 2" CAMLOCK COUPLER, 10' X 3/4" INLET HOSE WITH QUICK DISCONNECT COUPLER, QUICK DISCONNECT ADAPTER KIT, AND AIR FILTER REGULATOR, SIZE 40" L X 37-1/2" W X 69" H, WEIGHT : 1100 LBS. NOTE: TANK ASSEMBLY IS U.L. LISTED (MEETS UL-142 SPECIFICATIONS)
2	1/4"Ø FLEX HOSE 3'-0" LONG (175 P.S.I.) AND 1/4" QUICK COUPLER("JOHNDOW" NO. 421-QUICK).
3	JOHN DOW NO. 61431-2 (3/4" ADAPTER) WITH 3/4" NIPPLE AND 3/4" ELBOW. (1) REQUIRED FOR EACH ITEM #4 FURNISHED.
4	PORTABLE USED OIL RECEIVER (STORE EQUIPMENT ITEM) QUANTITY TO BE DETERMINED, SEE BUILDING STORE PLANNING LAYOUT - SHEET F1.



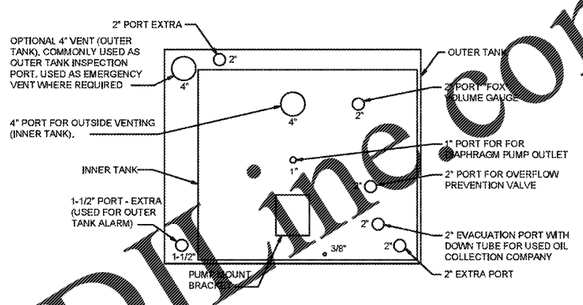
1 / P4 USED OIL STORAGE SYSTEM ELEVATION VIEW
SCALE: N.T.S.

GENERAL NOTES:

- SEE NEW AND USED OIL SYSTEM RESPONSIBILITY NOTE THIS SHEET FOR SUPPLY AND INSTALL OF OIL SYSTEM COMPONENTS.
- UNLESS OTHERWISE NOTED, ALL OTHER MATERIAL FOR THIS DETAIL SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR.
- SEE SPECIFICATIONS FOR TYPE OF PIPE & FITTINGS TO BE FURNISHED & INSTALLED.
- PROVIDE EARTH GROUND TO AIR OPERATED OIL PUMP PER MANUFACTURER'S SPECIFICATION AND/OR PER N.E.C. CODE REQUIREMENTS.

INSTALLATION NOTES:

- CONTACT LOCAL FIRE MARSHAL AND OBTAIN INSTALLATION PERMISSION AND/OR PERMITS.
- DETERMINE INSTALLATION LOCATION BY EITHER, REVIEWING BUILDING STORE PLANNING LAYOUT (SHEET F1), FOR NEW STORES, OR BY STORE MANAGER SELECTION AT EXISTING STORES
- UNCRATE PRE-ASSEMBLED TANK (ITEM #1) AND MOVE INTO POSITION.
- INSTALL AIR LINE FROM MAIN AND INSTALL FLEX HOSE (ITEM #2) CONNECTION TO TANK.
- CONNECT VENT LINE TO TANK AND RUN VENT TO EXTERIOR THROUGH WALL. INSTALL WALL FLASHING AND WEATHER CAP AS NOTED.
- CONNECT QUICK DISCONNECTS (ITEM #3) TO EACH PORTABLE USED OIL COLLECTION RECEIVER AT THE STORE.
- VENT PIPING MATERIAL TO BE GALVANIZED STEEL OR BLACK IRON.



2 / P4 USED OIL STORAGE SYSTEM - PORT LAYOUT
SCALE: N.T.S.

Order Plans @ WWW.LDLine.com

MEP Engineer of Record
Randall A. Nelson, P. E.
14817 West 95th Street
Lenexa, Kansas 66215
Phone 913 322 5150

Firestone COMPLETE AUTO CARE

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NEW FCAC STORE
2017 - DECEMBER - ER - LEFT
331 N. CEDAR BLUFF RD.
KNOXVILLE, TN

03/13/19

ISSUE BLOCK

PROPERTY NO.: 000000
6 DIGIT NO.: 000000
4 DIGIT NO.: 0000
AOR PROJECT NUMBER: 1856803
TO PERMIT: DATE: 03-11-19
TO BID. DATE: ##-##-##

SHEET TITLE:
OIL PIPING DETAILS

SHEET NUMBER:
P4

Mar 13, 2019 - 10:42am - USER michaeljanacaro
G:\Bridgestone--Firestone (Engineering)\19200048 BSRO - Knoxville, TN (Cedar Bluff)\Sheets\P4 OIL PIPING PLAN.dwg