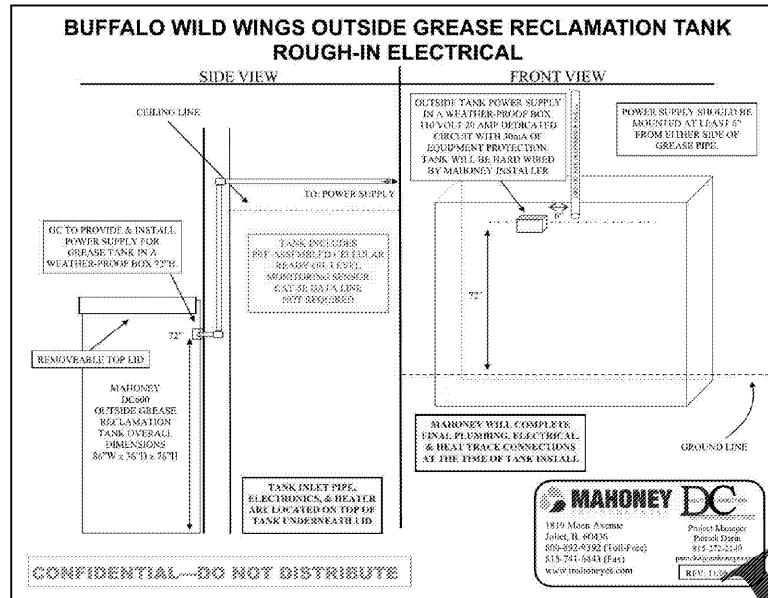
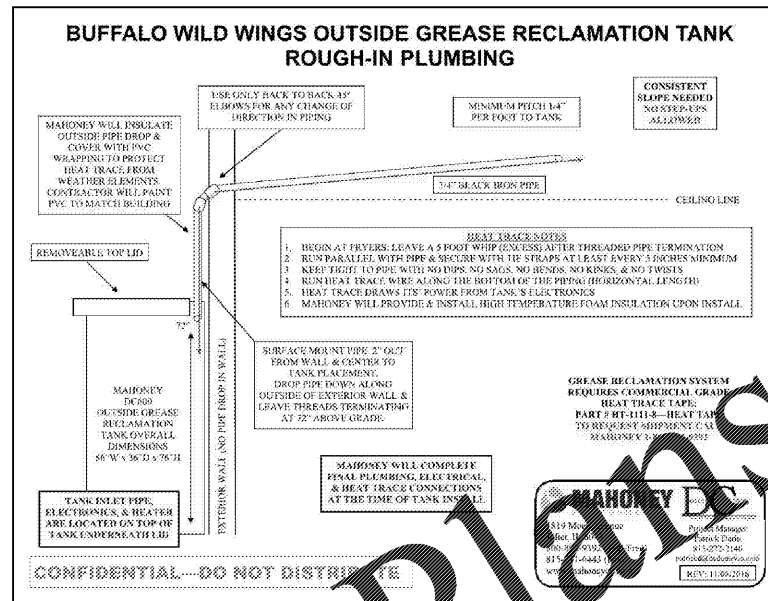


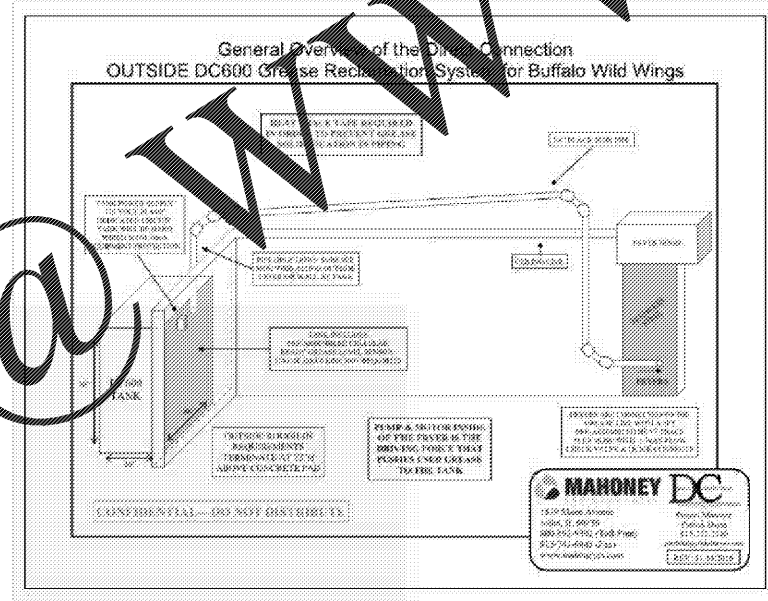
01 OUTSIDE FRYER WASTE OIL STORAGE SYSTEM PLUMBING
N.T.S.



02 GREASE RECLAMATION TANK ROUGH-IN ELECTRICAL
N.T.S.



03 GREASE RECLAMATION TANK ROUGH-IN
N.T.S.



04 OUTSIDE GREASE RECLAMATION TANK OVERVIEW
N.T.S.

ITEM	FURNISHED	INSTALLED	REMARKS
MAHONEY GREASE STORAGE TANK	OV	OV	SEE NOTES
REMOTE SIGNAL SYSTEM	OV	OV	ROUGH-IN BOXES, CONDUIT AND PULL STRING BY GC
FRYER HOSES AND HEAT TRACE FROM FRYER TO FRYERS	OV	OV	
COVER CHASE	OV	OV	SEE DETAIL BELOW
HEAT TRACE AT CAST IRON PIPE	OV	GC	REQUEST HEAT TRACE FROM OV AS SOON AS LENGTH IS KNOWN ALLOW 9' EXTRA WHIP AT EACH END FOR FINAL CONNECTION
ELECTRICAL ROUGH-IN	GC	GC	REFER DETAILS
CAST IRON PIPE	GC	GC	SURFACE MOUNTED AT WALL REFER DETAILS
EVACUATION PORT (INT SYSTEM ONLY)	OV	OV	OV - OWNER/ENDOR GC - GENERAL CONTRACTOR

GC TO ASSUME ALL INFORMATION ASSOCIATED WITH THE GREASE RECOVERY SYSTEM AND NOT INDICATED ON DRAWING OR SCHEDULE TO BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR

FOR: Buffalo Wild Wings -- Outside Tank -- New Construction
Contractors, please reference rough-in drawings & use this instruction sheet to install the outside grease reclamation tank & system.

In order to install the grease reclamation system properly & economically the following rough-in requirements are mandatory & the responsibility of the general contractor to be completed in full & to specifications prior to Mahoney Direct Connection installer's arrival.

- Grease Line -- 1/2" black iron pipe with 45° elbows installed directly centered behind furthest fryer unit (from tank) 24" above floor stubbed out 2" from wall. Surface (not flush) mount pipe parallel with floor & install 17" (see directly centered behind closest fryer unit from tank). Run pipe up wall to left/right of fryer hood in the direction of the recycler. (Mahoney will install stainless channel over pipe drop next to hood) above ceiling line 24" (must not exceed 13' 6" above floor), & with a consistent linear pitch of at least 1/4" per foot to the tank (step-ups not allowed); use only back to back 45° elbows on all bends (per drawing).
 - Grease line requires heat trace = heat trace should be run parallel with pipe (no dips, no sags, no kinks, & no twists) & secured with tie straps every 5" (per drawing). A 5ft. whip of heat trace kept at the fryers & remaining portion at the tank's pipe termination, splicing of the heat trace tape is not acceptable for this application. Site Superintendent to contact Direct Connect Project Manager Patrick, Dana in arrange shipment of heat trace tape during rough-in construction phase, call 800-892-8392
 - Outside Enclosure = grease line at outside tank location needs to be surface mounted 2" from wall & dropped down along outside exterior wall to 72" H above outside pad grade; PVC wrapping will be installed over pipe drop to protect heat trace (per drawing).
- Power Supply -- At tank location & behind fryers install a 110 Volt 20 Amp dedicated circuit
 - Outside Enclosure -- Tank will be hard wired with 30mA of equipment protection at 72" above grade centered to tank placement & 6" from either side of grease line. Shut off switch (toggle) may be required depending on local code requirements (per drawing).
 - Fryer hoses have heat trace tape pre-installed & will require a duplex receptacle on a GFCI with 2in. personal protection at 18" H above kitchen floor & 6" from either side of 45° elbow & 1/2" tee (per drawing).
- Internet Monitoring Sensor -- Grease tank includes pre-assembled cellular ready to level sensor. Cat-5e data line not required. Once tank has power sensor will come online.
- Outside service area for tank location should be completed: concrete pad poured/cured, walls painted, exterior building wall finished, & tank surroundings not cluttered with materials.
- Kitchen equipment, fryers, floor tile, & stainless steel on fryer wall needs to be in place in order for installer to adapt fryers & connect to system.
- Direct Connection Project Manager Patrick, Dana (800-892-8392) will maintain verbal communication with site supervisors to verify construction is on schedule & confirm shipping & installation dates. If on the day of the confirmed grease reclamation system installation any of the rough-in requirements are incomplete or need modification to meet indicated specifications & Mahoney Direct Connection installer is required to make corrections. Any additional incurred costs will be back charged to customer.

Order Plans

CERTIFICATION



PROJECT NUMBER 5748

BUFFALO WILD WINGS
BIRMINGHAM SOUTH,
1416 4th AVENUE SOUTH,
BIRMINGHAM, AL 35233



NO	DESCRIPTION	DATE						
		1	2	3	4	5	6	7

Drawing Title
GREASE RECLAMATION DETAILS

THIS SHEET IS FOR INFORMATION ONLY

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