

PUBLIC WORKS & UTILITIES ENGINEERING & DESIGN STANDARDS

CITY OF ALTAMONTE SPRINGS GREASE TRAP SIZING METHOD

$$(D) \times (MF) \times (GL) \times (RT) \times (ST) = \text{CAPACITY IN GALLONS}$$

D = NUMBER OF SEATS:

MF = MEAL FACTOR: BASED ON ESTABLISHMENT

TYPE AND TIME PER MEAL:

FAST FOOD / CAFETERIA	= 30M	use	2.00
RESTAURANT	= 60M	use	1.00
LEISURE DINING	= 90M	use	0.67
DINNER CLUB	= 120M	use	0.50

GL = GALLONS OF WASTEWATER PER MEAL:

WITH DISHWASHER	= 6 GALLONS
WITHOUT DISHWASHER	= 5 GALLONS
SINGLE SERVICE KITCHEN	= 2 GALLONS
FOOD DISPENSER	= 1 GALLON

RT = RETENTION TIME:

COMMERCIAL KITCHEN	= 2.5 HOURS
SINGLE SERVICE KITCHEN	= 1.5 HOURS

ST = STORAGE FACTOR:

8 HOURS	= 1.0
12 HOURS	= 1.5 (ALSO S.S. KITCHENS)
16 HOURS	= 2.0
24 HOURS	= 3.0

NOTE:

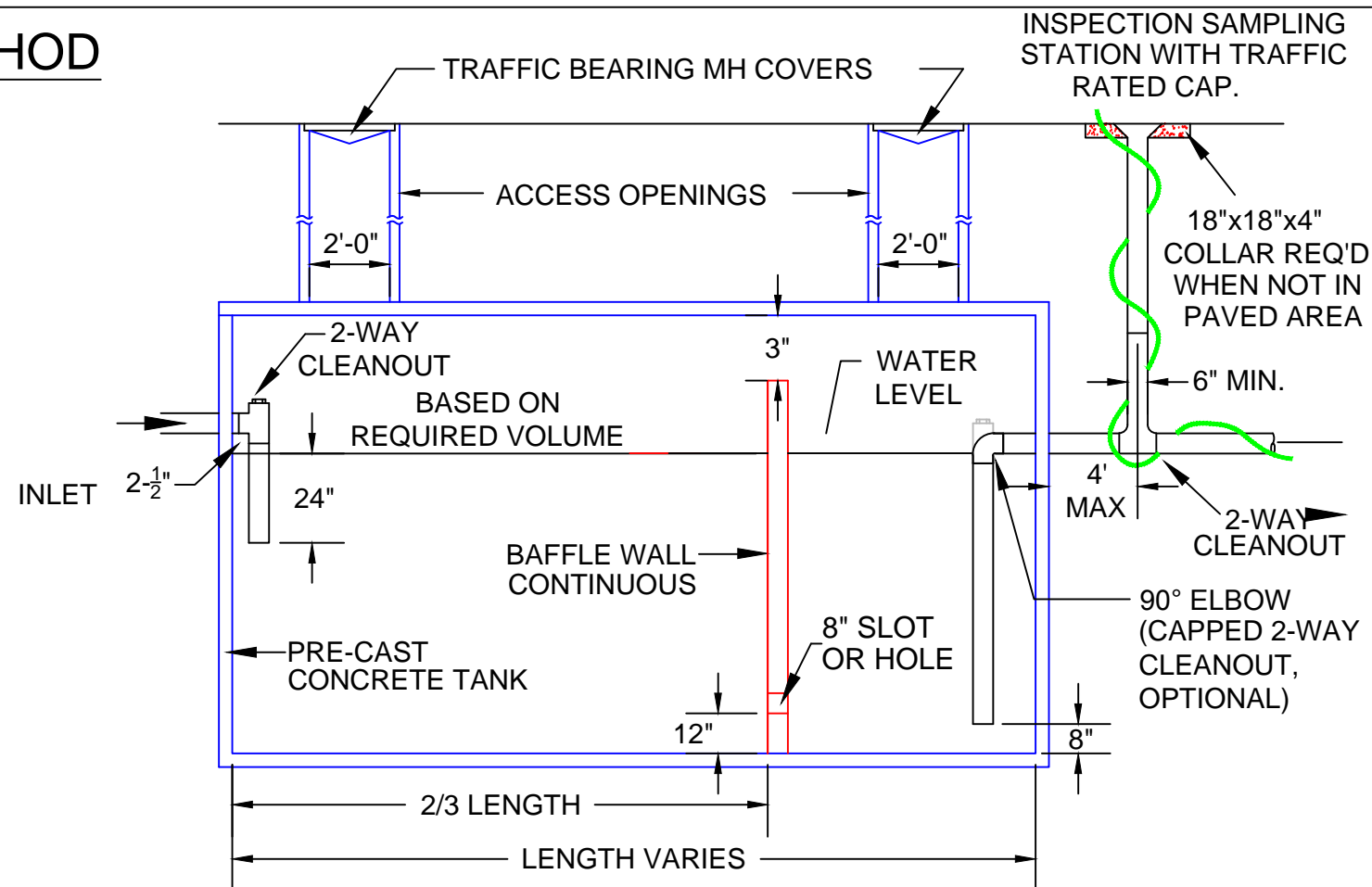
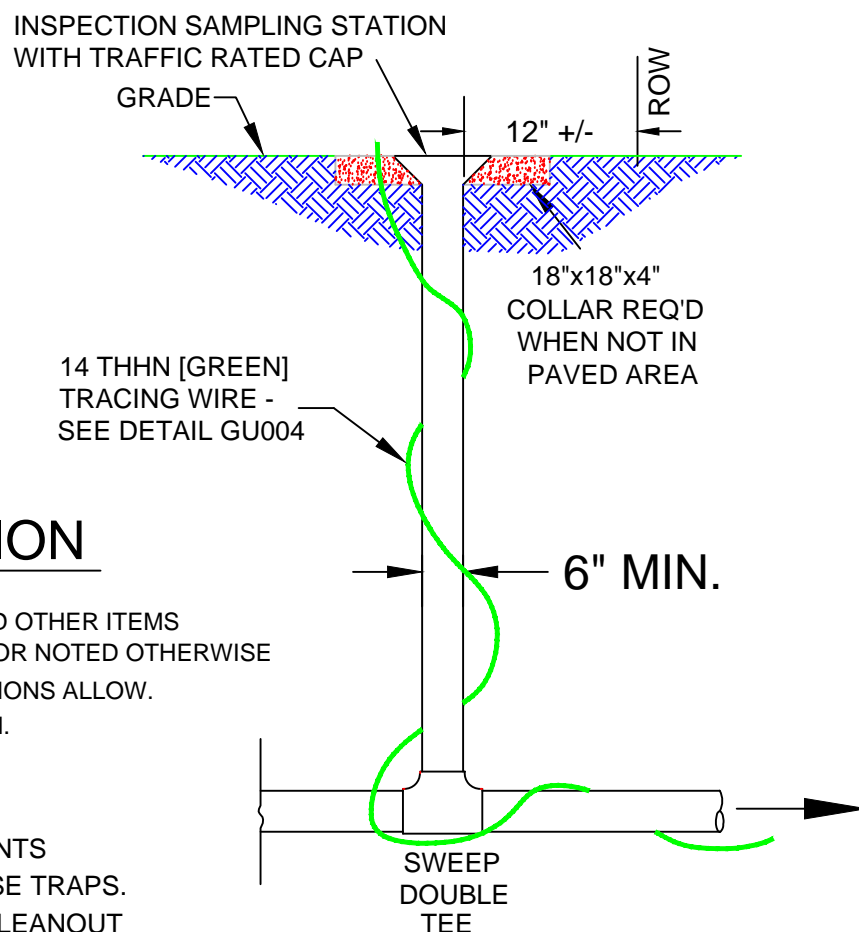
ALL PIPE AND FITTINGS FOR OUTLET AND SAMPLING STATION PER ASTM 2665. AND SAMPLING STATION PER ASTM 2665.

INSPECTION SAMPLING STATION

1. ALL MOUNTING HARDWARE, FASTENERS, PIPING, VALVES, AND OTHER ITEMS WITHIN VAULT SHALL BE STAINLESS STEEL, UNLESS SPECIFIED OR NOTED OTHERWISE
2. LOCATION OF VAULT MAY BE DIRECTLY OVER MAIN IF CONDITIONS ALLOW.
3. RECOMMENDED OPENING TO BE CORED AFTER INSTALLATION.

REQUIRED FOR:

COMMERCIAL ESTABLISHMENTS WITHOUT IN-GROUND GREASE TRAPS. CAN BE USED IN LIEU OF A CLEANOUT



GREASE TRAP DOUBLE COMPARTMENT (NOT TO SCALE)

NOTE: WIDTH VARIES

1. VOLUME TO BE DETERMINED BY ALTAMONTE SPRINGS CITY ENGINEER OR DESIGNEE UPON APPLICATION BY OWNER.
2. STRUCTURAL DESIGN SHALL BE THE RESPONSIBILITY OF THE MANUFACTURER.
3. ONLY KITCHEN WASTE SHALL BE DISCHARGED INTO THE GREASE TRAP. ALL DOMESTIC WASTE (I.E., RESTROOMS) SHALL BE CONNECTED DOWNSTREAM OF THE GREASE TRAP.
4. ALL PIPE AND FITTINGS FOR OUTLET AND SAMPLING STATION PER ASTM 2665.
5. BUILDING FLOOR ELEVATION SHALL BE 6" HIGHER THAN MANHOLE COVERS.

DOUBLE COMPARTMENT GREASE TRAP & INSPECTION SAMPLING STATION



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