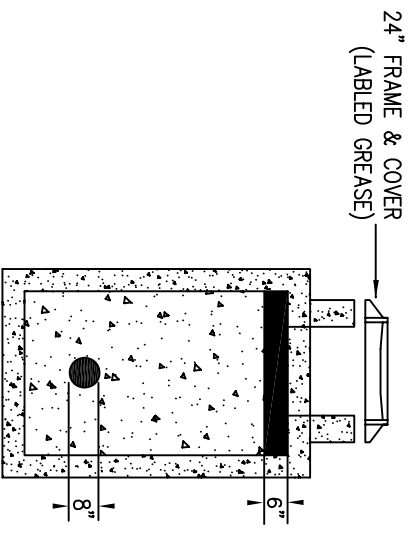
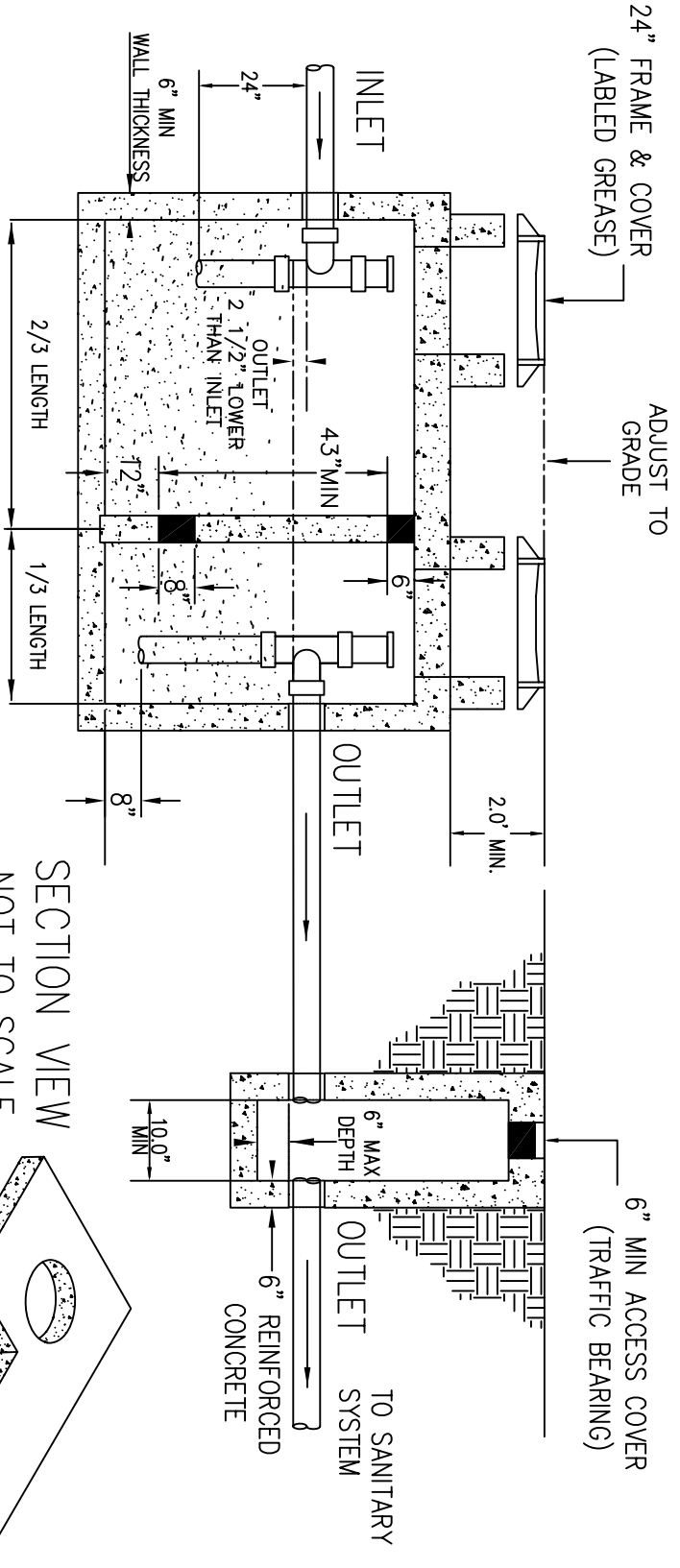
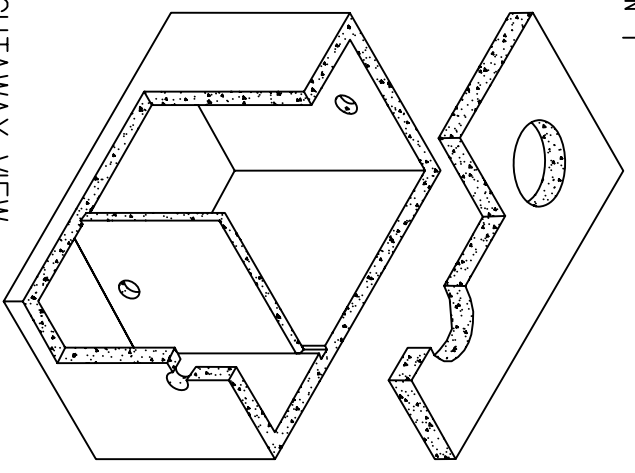


- SAMPLING ACCESS POINT**
1. LOCATE ON OUTLET PIPE BEFORE BLACKWATER CONNECTION TO BUILDING SEWER
 2. LOCATION TO BE ACCESSIBLE AT ALL TIMES



INTERNAL BAFFLE
END VIEW
NOT TO SCALE



CUTAWAY VIEW
NOT TO SCALE

GREASE INTERCEPTOR SIZING FORMULA
(PER FLORIDA BUILDING CODE)

$(S) \times (GS) \times (HR/12) \times (LF) =$ EFFECTIVE CAPACITY OF GREASE INTERCEPTOR IN GALLONS
NOTE: IF DISCHARGED INTO PUBLIC UTILITY, MULTIPLY FINAL GALLONS BY 0.75.

1. "S" = NUMBER OF SEATS IN DINING AREA.
2. "GS" = GALLONS OF WASTE WATER PER SEAT. (USE 25 GALS. FOR RESTAURANTS WITH CHINA DISHES AND/OR AUTOMATIC DISHWASHER. USE 10 GALS. FOR RESTAURANTS WITH PAPER OR BASKETS AND NO DISHWASHER.)
3. "HR" = NUMBER IN HOURS RESTAURANT IS OPEN.
4. "LF" = LOADING FACTOR. (USE 2.00 FOR INTERSTATE HIGHWAY: 1.50 OTHER FREEWAYS: 1.25 RECREATIONAL AREA: 1.00 MAIN HIGHWAY: 0.75 OTHER HIGHWAY.)

OTHER ESTABLISHMENTS WITH COMMERCIAL KITCHENS

$(M) \times (GM) \times (LF) =$ EFFECTIVE CAPACITY OF GREASE INTERCEPTOR IN GALLONS
NOTE: IF DISCHARGED INTO PUBLIC UTILITY, MULTIPLY FINAL GALLONS BY 0.75.

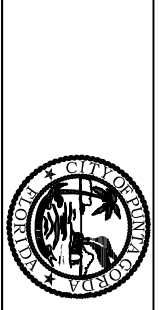
1. "M" = MEALS PREPARED PER DAY.
2. "GM" = 5 GALLONS OF WASTE WATER PER MEAL
3. "LF" = LOADING FACTOR. (USE 1.00 WITH DISHWASHING MACHINE: 0.75 WITHOUT DISHWASHING MACHINE.)

NOTES:

1. THESE STANDARD DETAILS SHALL ONLY BE CONSTRUED TO SHOW CONCEPTUAL AND STANDARD DIMENSIONAL REQUIREMENTS FOR GREASE INTERCEPTOR AND SHALL NOT BE USED FOR CONSTRUCTION. THE ARCHITECT/ENGINEER SHALL FURNISH STRUCTURAL DESIGN CRITERIA, HYDRAULIC LOADING, VOLUME & RETENTION TIME REQUIREMENTS AND DETAILED CONSTRUCTION DRAWINGS, INCLUDING SITE PLAN FOR APPROVAL PRIOR TO CONSTRUCTION.
2. CONCRETE: 4500 P.S.I. 28 DAY COMPRESSIVE STRENGTH
3. REBAR: ASTM A-615 GRADE 60
4. MESH: ASTM A-185 GRADE 65
5. DESIGN: = CHARLOTTE COUNTY CODE (AS AMENDED) SEC. 3-8-150 = FLORIDA BUILDING CODE - PLUMBING, CHAPTER 10 PLUMBING AND DRAINAGE INSTITUTE G--101 ASTM C-857 MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES 6-INCH MINIMUM WALL THICKNESS PREVENT FLOTATION WHEN EMPTY
6. LOAD: H-20 TRUCK WHEEL W/ 30% IMPACT PER
7. COMPLETE STRUCTURE AND PIPING TO BE WATERTIGHT.
8. FILL W/ CLEAN WATER PRIOR TO START UP OF SYSTEM. A.S.H.T.O.
9. CONTRACTOR TO SUPPLY AND INSTALL ALL PIPING, SANITARY TEES, AND CLEANOUTS FOR CLEANING TOWARDS INTERCEPTOR AND FOR CLEANING AWAY FROM INTERCEPTOR ON BOTH THE INLET AND OUTLET. (ALT: DUAL SWEEP CLEAN OUTS)
10. GRAY WATER ONLY - BLACK WATER SHALL BE CARRIED BY SEPARATE SEWER TO A POINT DOWNSTREAM OF THE GREASE INTERCEPTOR.
11. MULTIPLE TANKS MAY BE REQUIRED PER THE SIZING FORMULA. (MULTIPLE TANKS SHALL BE INSTALLED IN SERIES)

ENGINEER_NAME	NO. DATE	REVISION DESCRIPTION	BY
LICENSE_NUMBER	NUM DATE	DESC	BY
	NUM DATE	DESC	BY
	NUM DATE	DESC	BY
	NUM DATE	DESC	BY

CITY OF PUNTA GORDA
Utilities Department
326 West Marion Ave
PUNTA GORDA, FLORIDA 33960
PHONE: (941) 575-3339 FAX: (941) 575-5006



GREASE INTERCEPTOR				
DATE	PROJECT	DRAWN	CHECKED	SCALE
02/01/08		TIM S.		NONE
				SHEET
				1
				FILE NO.