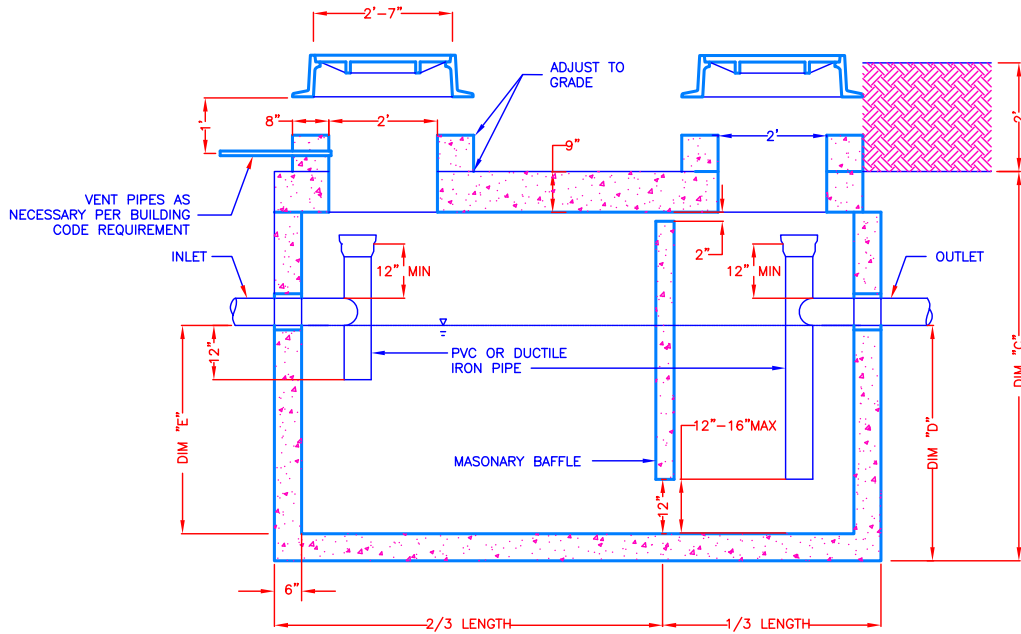


PLAN VIEW



SECTION AA

NOTES:

1. CONCRETE: 28 DAY F'c= 4500 psi
2. REBAR: ASTM A615 GRADE 60.
3. MESH: ASTM A-185 GRADE 65
4. DESIGN: AC1318-83 BUILDING CODE  
ASTM C-857 MINIMUM STRUCTURAL DESIGN  
LOADING FOR UNDERGROUND PRECAST CONCRETE  
UTILITY STRUCTURES
5. LOADS: H-20 LOADING.
6. FILL w/CLEAN WATER PRIOR TO START UP OF SYSTEM
7. CONTRACTOR TO SUPPLY AND INSTALL ALL PIPING AND SANITARY  
TEES ,4 CLEANOUTS, FOR CLEANING TOWARD TRAP AND FOR  
CLEANING AWAY FROM TRAP ON BOTH THE INLET AND  
OUTLET/ALT. DUAL SWEEP CLEANOUTS
8. GRAY WATER ONLY, BLACK WATER SHALL BE CARRIED BY  
SEPARATE SEWER.
9. LARGER SIZES MAY BE REQUIRED AS PER REVIEW OF FACILITY.
10. TRAP SIZE WILL BE BASED ON 15 GPD PER SEAT.

SIZING CHART

| GALLON CAPACITY | A       | B      | C      | D      | E      |
|-----------------|---------|--------|--------|--------|--------|
| 600             | 70"     | 4'-8"  | 7'-0"  | 3'-6"  | 3'-2"  |
| 750             | 70"     | 4'-8"  | 7'-0"  | 4'-3"  | 3'-11" |
| 1000            | 90"     | 5'-0"  | 7'-2"  | 4'-2"  | 3'-10" |
| 1250            | 90"     | 5'-0"  | 7'-2"  | 5'-2"  | 4'-10" |
| 1500            | 11'-2"  | 5'-8"  | 7'-2"  | 4'-4"  | 4'-0"  |
| 1750            | 11'-2"  | 5'-8"  | 7'-2"  | 4'-11" | 4'-7"  |
| 2000            | 12'-8"  | 6'-8"  | 8'-0"  | 4'-7"  | 3'-10" |
| 2500            | 12'-8"  | 6'-8"  | 8'-0"  | 5'-6"  | 4'-9"  |
| 2750            | 12'-8"  | 6'-8"  | 8'-0"  | 6'-0"  | 5'-3"  |
| 3000            | 15'-7"  | 9'-7"  | 8'-6½" | 5'-0"  | 3'-9"  |
| 4000            | 15'-7"  | 9'-7"  | 8'-6½" | 6'-3"  | 5'-0"  |
| 5000            | 19'-11" | 9'-11" | 8'-11" | 6'-2"  | 4'-9"  |
| 6000            | 19'-11" | 9'-11" | 10'-5" | 7'-2"  | 5'-9"  |

BWSC MIN.

Location:Filename: V:\eng\ACAD\_STD\Technical Details\G - Grease Trap Details\G-03 - Standard Grease Trap.dwg  
Plotted on: Wednesday, January 16, 2013 - 9:50 AM by Donohoe, William



**Boston Water and Sewer Commission**

980 HARRISON AVE., BOSTON, MA 02119  
(617) 989-7000 www.bwsc.org

**STANDARD GREASE TRAP**

Scale: Not To Scale

DATE:

Sept. 30, 2012

DETAIL NO.

**G-03**