001 END OF LINE DISPENSER SUMP DETAIL

SCALE: 1" = 1'-0"

002 INLINE DISPENSER SUMP DETAILS

SCALE: 1" = 1'-0"

003 TRANSITIONAL YARD SUMP DETAIL

004 RETAIL DIESEL TANK SUMP PLAN (8,000 GAL.)

SCALE: NONE

005 GASOLINE TANK SUMP PLAN (7,000 GAL. SUPER)

SCALE: NONE

006 GASOLINE TANK SUMP PLAN (15,000 GAL. REGULAR)

SCALE: NONE

010 TYPICAL TANK SUMP & PIPING ELEVATION

SCALE: 3/4" = 1'-0"

011 TYPICAL TLM DETAIL

SCALE: 3/4" = 1'-0"

012 VAPOR RECOVERY SPILL BUCKET DETAIL

SCALE: 3/4" = 1'-0"

013 FILL SPILL BUCKET DETAIL (FRANKLIN FUELING DEFENDER)

SCALE: 3/4" = 1'-0"

DIMENSION (B) = 95% TANK CAPACITY

TANK	NOMINAL VOLUME (GAL.)	95% (ACTUAL) VOLUME (GAL.)	DIM. B*	DIM. C*
DOUBLE WALL FRP TANK 4-1 - REGULAR	15,000	.95 (15,094) = 14,339	9 5/8"	7 7/8"
DOUBLE WALL FRP TANK COMPARTMENT 5-1 - DIESEL (BASE TANK)	8,000	.95 (8,090) = 7,685	10 1/4"	7 3/4"
DOUBLE WALL FRP TANK COMPARTMENT 5-2 - PREMIUM (END TANK)	7,000	.95 (7,036) = 6,684	9 1/2"	7"

*** BELOW THE TANK TOP (I.D.).**
DIM. B CORRESPONDS TO 95% ACTUAL TANK VOLUME.
DIM. C = THE TOP TUBE LENGTH BELOW TANK TOP (I.D.) = DIM. B - 2 1/2".
SEE MANUFACTURERS LITERATURE FOR CUTTING PROPER TUBE LENGTH.

008 SHEAR VALVE DETAIL

SCALE: 1 1/2" = 1'-0"

014 VENT ACCESS DETAIL

SCALE: 3/4" = 1'-0"

015 INTERSTITIAL SENSOR DETAIL

SCALE: 3/4" = 1'-0"

- ☐ SUPERSEDES ALL PREVIOUS ISSUES
- ☐ APPROVED FOR CONSTRUCTION
- ☐ PRELIMINARY-NOT FOR CONSTRUCTION
- ☐ ISSUED TO: _____

_____ DATE _____

REV	DATE	BY	REVISION

REVISIONS

MHF Design Consultants, Inc.
44 Stiles Road, Suite One
Salem, New Hampshire 03079
(603) 893-0720
ENGINEERS • PLANNERS • SURVEYORS
www.mhfdesign.com

STATE OF MAINE FRANK C. MONTEIRO 7201 LICENSED PROFESSIONAL ENGINEER 1/26/16

IRVING

DRAWN BY: DSA	DESIGNED BY: HS
SCALE: AS NOTED	APPROVED BY:
DATE: 1/26/16	PROPERTY NO.:
CAD FILE: 3880 GM8	REF-BLK:
PLOTTED:	REF-BLK:
	REF-BLK:

IRVING OIL

190 COMMERCE WAY
PORTSMOUTH, NH 03801

PROJECT:

393 COMMERCIAL STREET
PORTLAND, MAINE

SHEET TITLE:

PIPING, TANK & DISPENSER DETAILS

PROJECT:	DRAWING NO:	REVISION:
	GM8	-

COMPANY SUPERVISOR AND CONTRACTOR TO VERIFY ALL MEASUREMENTS ON WORK OR AT SITE. THIS DRAWING IS THE PROPERTY OF IRVING OIL LTD. AND SHALL BE RETURNED ON COMPLETION OF WORK.

F:\Projects\CAD\388015\3880 GM8.dwg DET 1/26/16 5:34pm DSA

Copyright © 2016 by MHF Design Consultants, Inc. All Rights Reserved.