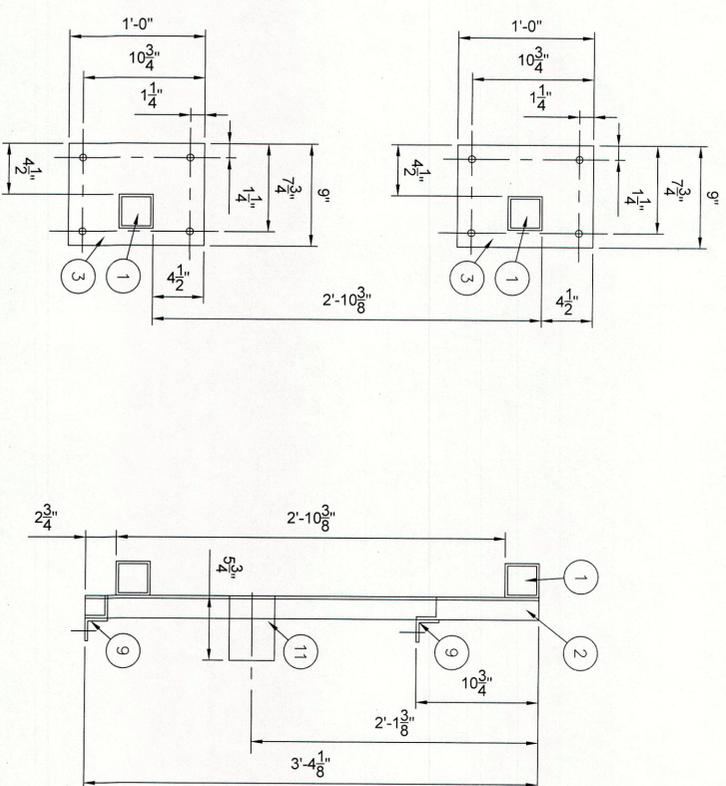
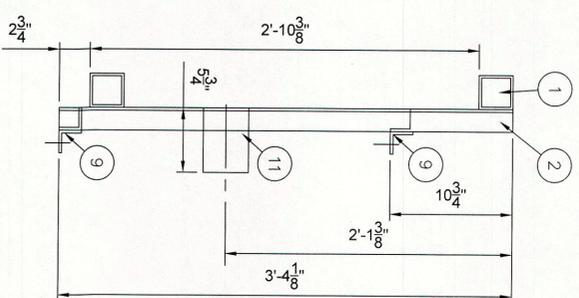


IDENTIFICATION	DESCRIPTION
ASSY	PIPE SUPPORT
ITEM	PIPE SUPPORT
QTY: 1	
1	TUBE - 1.31x1/4", 9.0 1/8" LONG
2	ANGLE - 3"x3"x1/4", 2'-10 3/8" LONG
3	PLATE - 12"x9"x1/2"
4	ROD, SST - THREADED - 1/2"-13 X6"
5	AIR NUT, WASHER, SST., 1/2"-13 NC.
6	HANGER PIPE, 3/4" SST., 5.9 1/16" DIA., McMASTER CARR
7	33091622, OR EQUAL
8	HANGER PIPE, 3/4" SST., 4 1/2" DIA., McMASTER CARR
9	33091612, OR EQUAL
10	ANGLE - 2"x2"x1/4", 3'-4 1/8" LONG
11	ANGLE - 2"x2"x1/4", 2' LONG
12	ANGLE - 2"x2"x1/4", 3 1/8" LONG
13	PLATE - 5.34"x4"x1/4", DRILL IN FIELD TO MATCH DI FILTER
14	ANGLE - 3"x3"x1/4", 9" LONG
15	ANGLE - 3"x3"x1/4", 1'-3" LONG
15	ROD, SST. THREADED - 1/2"-13 X19 1/2"

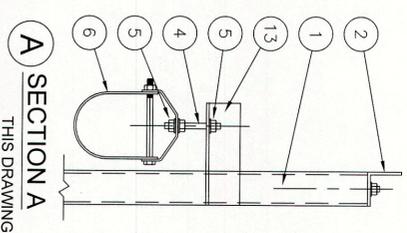
ARR = AS REQUIRED



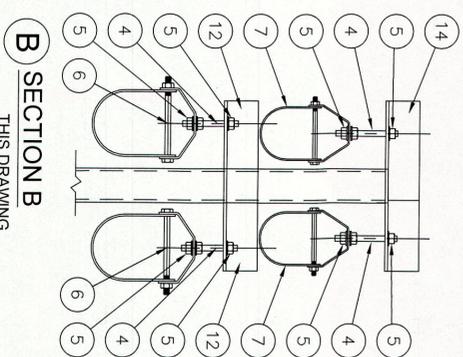
1 BASE PLATE PLAN



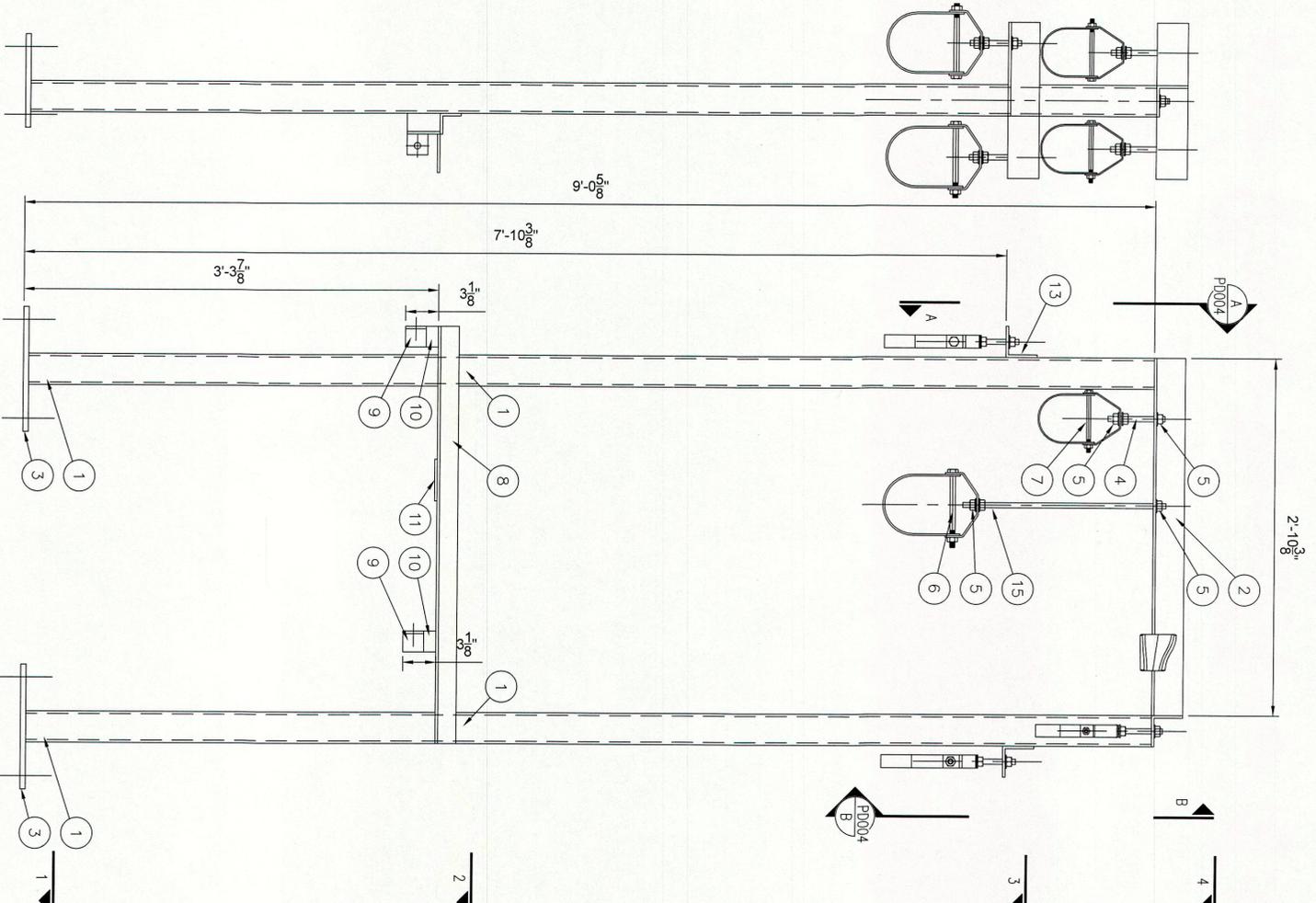
2 FILTER ANGLE PLAN



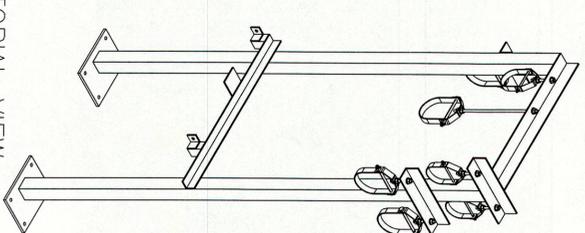
A SECTION A
THIS DRAWING



B SECTION B
THIS DRAWING



G PIPE SUPPORT FRAME
SCALE: 1 1/2"=1'-0"

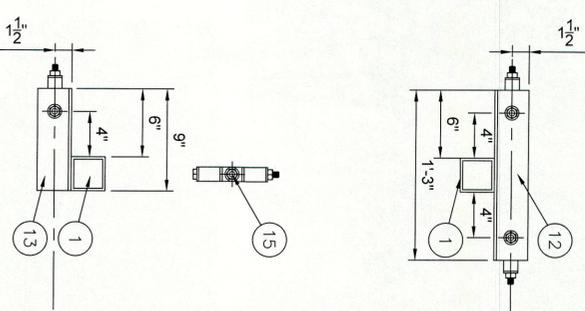


G PICTORIAL VIEW
SCALE: NONE

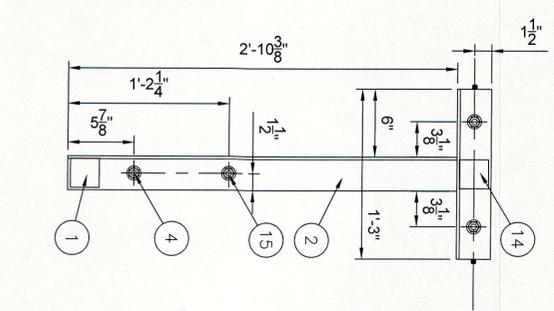
- STRUCTURAL NOTES - UNLESS OTHERWISE SPECIFIED:**
1. ALL WIDE FLANGE SECTIONS ARE TO BE ASTM A992 STEEL.
 2. ALL ANGLES, CHANNELS, AND PLATE SECTIONS ARE TO BE ASTM A36 STEEL. ALL STRUCTURAL TUBE SHAPES ARE TO BE ASTM A500 STEEL.
 3. ALL WELDS ARE MADE WITH E70XX ELECTRODES.
 4. ALL WELDS NOT SHOWN ARE 1/4" FILLET WELDS ALL AROUND.
 5. FABRICATOR TO SUPPLY ALL MATERIALS INCLUDING NUTS, BOLTS AND WASHERS.
 6. PRIME AND PAINT CARBON STEEL VIONX SIGNAL WHITE, RAL 9003, OR GALVANIZE AFTER FABRICATION.
 7. EQUIPMENT AND PIPE SUPPORT CONCRETE ANCHORS ARE HILTI DROP IN TYPE OR EQUAL WITH GALVANIZED NUTS AND WASHERS.
 8. VOID ALL PRINTS BEARING PREVIOUS REVISION DATES.

NOTE
WORK THIS DRAWING WITH:
PA001, PD001, PD002, PD003, PB001,
PB002, PB003, PB004, PB005, PB006

OPTIMIZATION
SOLUTIONS AND SERVICES
ISSUED FOR FABRICATION
DATE: 15JAN2018



3 PIPE SUPPORT PLAN



4 TOP SUPPORT PLAN

REF. DWG.	ISSUE	DATE	BY	APPROV.	DESCRIPTION
	A	15JAN2018	JHH/OTI		ISSUED FOR FABRICATION

UNLESS OTHERWISE NOTED:	FOR FABRICATION:
1) ALL DIMENSIONS ARE IN INCHES	WELDMENTS, SAWCUT
2) BREAK ALL SHARP EDGES	ENDS, BEADS,
3) TOLERANCES (NON ACCUMULATIVE):	EDGES, BEADS,
FOR MACHINED SURFACES:	EDGES, BEADS,
DECIMAL 1 P.L.C.	DECIMAL 1 P.L.C.
DECIMAL 2 P.L.C.	DECIMAL 2 P.L.C.
DECIMAL 3 P.L.C.	DECIMAL 3 P.L.C.
FRACTIONAL 1/16"	FRACTIONAL 1/16"
FRACTIONAL 1/8"	FRACTIONAL 1/8"
FRACTIONAL 3/16"	FRACTIONAL 3/16"
FRACTIONAL 1/4"	FRACTIONAL 1/4"
FRACTIONAL 3/8"	FRACTIONAL 3/8"
FRACTIONAL 1/2"	FRACTIONAL 1/2"
FRACTIONAL 5/8"	FRACTIONAL 5/8"
FRACTIONAL 3/4"	FRACTIONAL 3/4"
FRACTIONAL 7/8"	FRACTIONAL 7/8"
FRACTIONAL 1"	FRACTIONAL 1"

PROPRIETARY & CONFIDENTIAL	PROPRIETARY & CONFIDENTIAL
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DATE/TIME: Jan 15, 2018 9:37am	FILE: P:\2017\M17-1059 EPS Eng-Vionx\QMS Doss\Drawings - Modula\PD004.dwg	USER: jhh
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PIPE SUPPORT DETAILS	PIPE SUPPORT DETAILS
SHEET 3	SHEET 3
DRAWN: JHH/OTI	DATE: 21NOV2017
CHECKED:	DATE:
APPROV.:	DATE:
OTI PROJECT NO. M17-1059	SHT 1 OF 1
DRAWING NO. PD004	