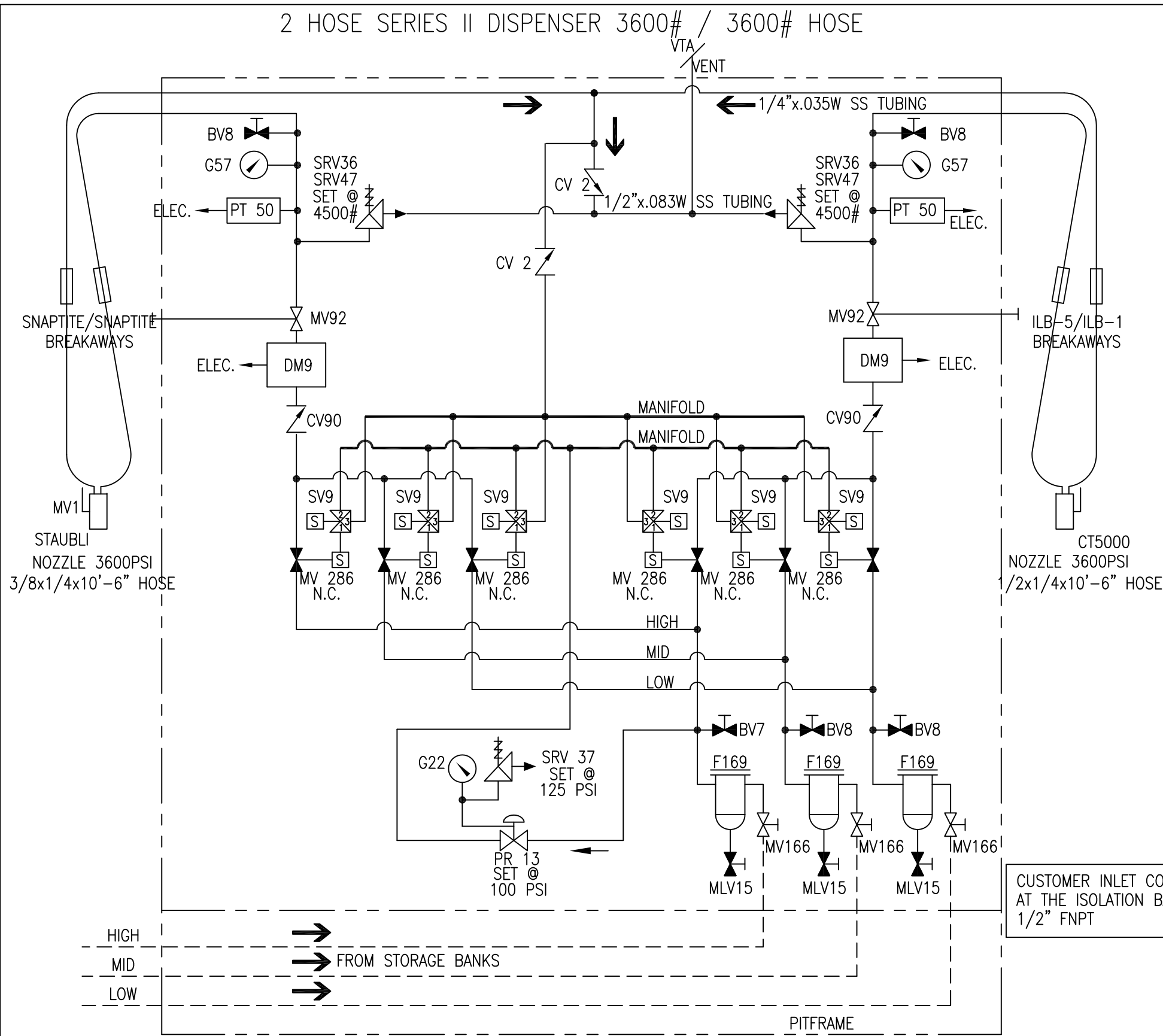




DESIGNATOR	PART NUMBER	DESCRIPTION
BV 7	330-07281	VALVE-PURGE 1/4 FNPT 6000#
BV 8	330-07312	VALVE-PURGE 7/16-20MSAE 6000# SS
CV 2	336-02419	VALVE-CHECK HOKE 1/4ML 6000# SS 2# CRACKING SPRING
CV 90	336-07319	VALVE-CHECK HOKE 1/2 FSAE (3/4-16FSAE/SAE-8) 6000#
DM 9	902-07240	METER-D CNG50 W/10' 4WIRE CABLE W/NO RFT, NO DISPLAY
F 169	772-07299	FILTER-FINITE SAE-8 JS2B GR4 COALESCING ELEMENT 5500#
G 22	741-07240	GAUGE-PRES 200#/B BM PM GF WIKA
G 57	741-07289	GAUGE-PRES 10,000#/B BM PM GF WIKA
MLV 15	330-07385	VALVE-NEEDLE 1/4 FNPT 6000# CS
MV 1	330-02488	VALVE-BALL WHITEY 1/4 6000# 3WAY 83SERIES
MV 92	334-07294	VALVE-BALL SVF 1/2 6000# W/LOCKING HANDLE (H766)
MV 166	334-07362	VALVE-BALL SVF 1/2 6000# W/LOCKING HANDLE (HBVE)
MV 286	334-07496	VALVE/ACT-ASSY SVF SAE-8 F.P. 6000# SS W/A2S-35-12-V-NC
PR 13	500-01674	REGULATOR-MECO 150#
PT 50	410-07282	TRANSDUCER-PRESSURE AST 0-6000# UL CL1 DIV1&2
SRV 36	330-02483	VALVE-RELIEF NURPO R3A 1/4MLxFML
SRV 37	331-04522	VALVE-RELIEF CIRCLE SEAL 125# 1/4
SRV 47	652-01845	SPRING-NUPRO RED 4000-5000#
SV 9	330-07243	VALVE-SOL 3WY 1/4 150# 120V NC BRS UL
--	700-07259	BREAKAWAY-INLINE SNAPTITE NON-RELIEVING (SUPPLY)
--	700-07260	BREAKAWAY-INLINE SNAPTITE RELEVING (VENT)
--	700-06460	NOZZLE-3600# STAUBLI CMV08 YELLOW
--	820-07251	HOSE WHIP ASSY-1/4x24" FACESEAL (137-05016)
--	820-07252	HOSE WHIP ASSY-3/8x24" FACESEAL (137-07230)
--	820-07313	HOSE ASSY-3/8x1/4x7'-6" FACESEAL (137-05469)
--	700-07289	BREAKAWAY-INLINE OPW ILB-5
--	820-07306	HOSE ASSY-1/2x1/4x7'-6" FACESEAL (137-07236)
--	820-07333	HOSE WHIP ASSY-1/4x25" FACESEAL (137-05016)
--	820-07285	HOSE WHIP ASSY-1/2x24" FACESEAL (137-06688)
--	700-03945	NOZZLE-3600# OPW CT5000
--	700-07488	BREAKAWAY-INLINE OPW ILB-1

LEGEND	
BV	=BLEED (PURGE) VALVE
CV	=CHECK VALVE
DM	=MASS FLOW D-METER
F	=FILTER
G	=PRESSURE GAUGE
MV	=MANUAL BALL VALVE
PR	=PRESSURE REGULATOR
PT	=PRESSURE TRANSDUCER
SRV	=SAFETY RELIEF VALVE
SV	=SOLENOID VALVE
VTA	=VENT TO ATMOSPHERE

FOR ELECTRICAL SCHEMATIC SEE "E45-00-008"

DISPENSER 1 OF 1 - REF A05-23-30974 FOR DISPENSER 2

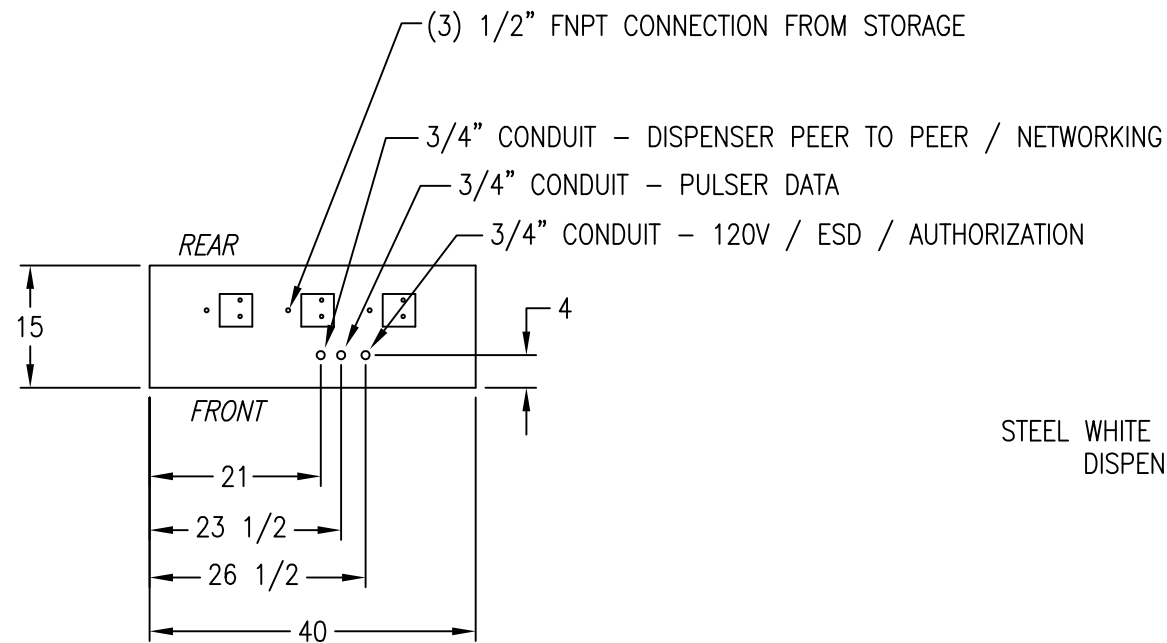
REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION
B	6/14/12 HMR	UPDATED 1-HOSE TO CT5000 & 1/2x1/4 PER CUSTOMER REQUEST, SEE ECN#120614-001			
A	5/3/12 HMR	UPDATED GAUGE TO 10,000#			

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UNLESS OTHERWISE SPECIFIED		TITLE			
BREAK SHARP EDGES		2 HOSE, 2 METER, SERIES II W/ACTUATED BALL VALVES			
ALL DIMENSIONS IN INCHES		3600 / 3600# HOSES, DISPENSER P & ID			
FRACTIONAL ±.125		CUSTOMER PIONEER NATURAL GAS - BIVENS		PROJECT NO. 30974	
TWO PLACE DECIMAL ±.010		SHEET 1/1	SCALE NTS	DRAWING NO. A05-21-30974	REV. B
THREE PLACE DECIMAL ±.005		DRAWN BY HMR	DATE 1/30/12		
ANGLES ±1°					

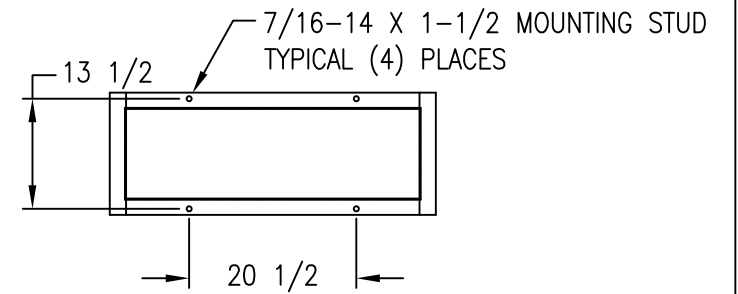
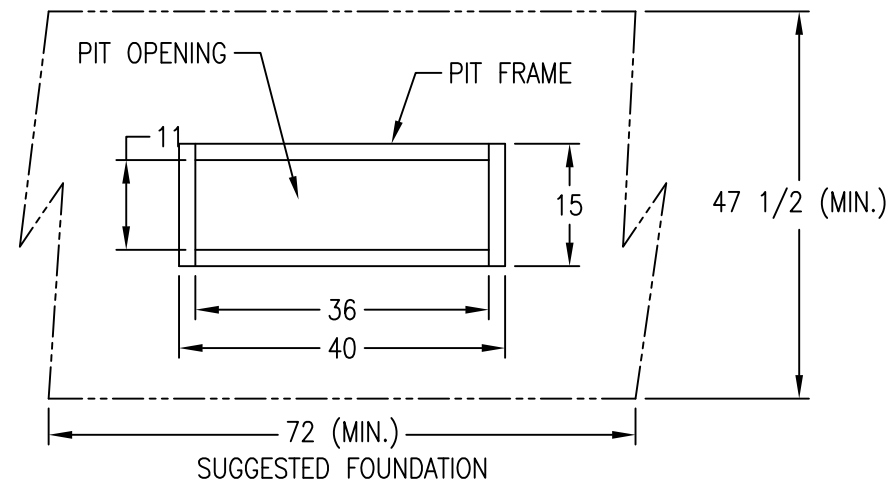


SECTION A-A

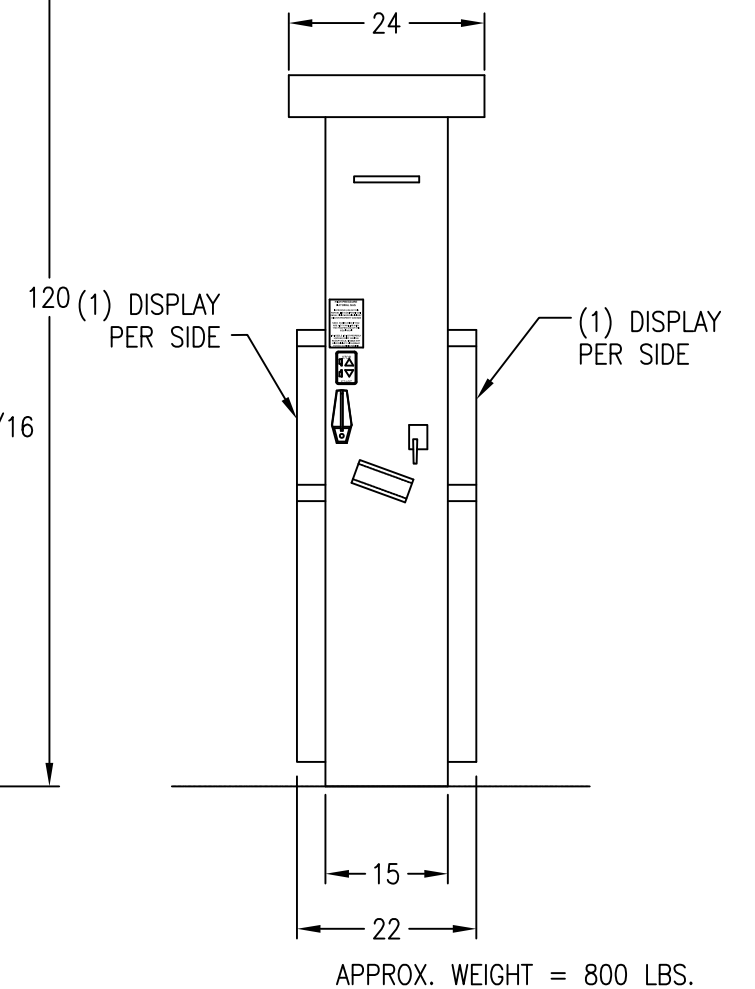
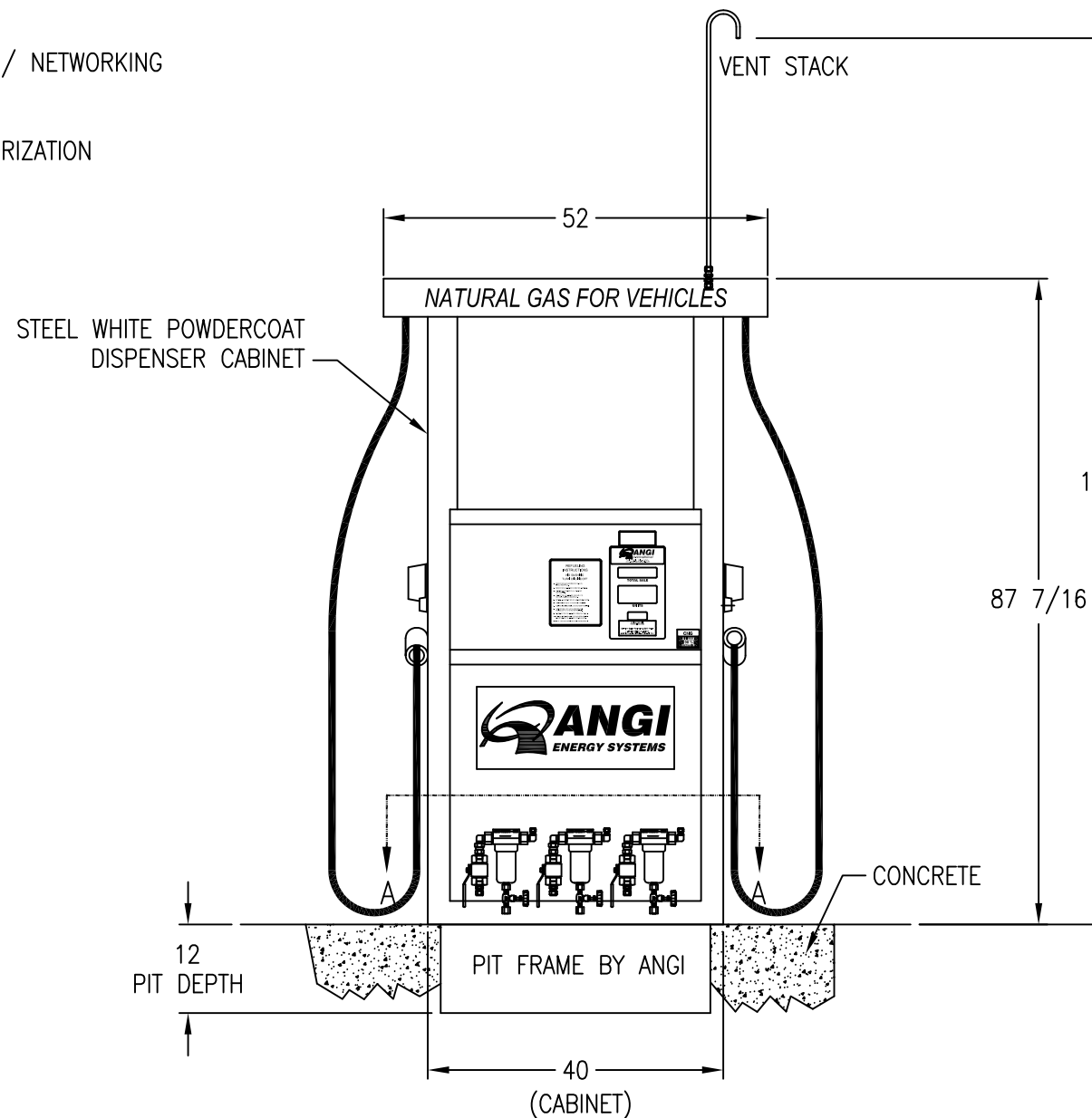
TOP VIEW CONNECTION DETAIL

THIS IS THE LOCATION OF TUBING PENETRATIONS
WHEN THE FINITE FILTERS ARE IN DISPENSER

*THE FRONT SIDE OF THE DISPENSER
IS THE SIDE THAT HOUSES THE ELECTRICAL BOX IN THE
LOWER PORTION OF THE ENCLOSURE.



PIT FRAME / CABINET MOUNTING DETAIL



APPROX. WEIGHT = 800 LBS.

REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION
*					

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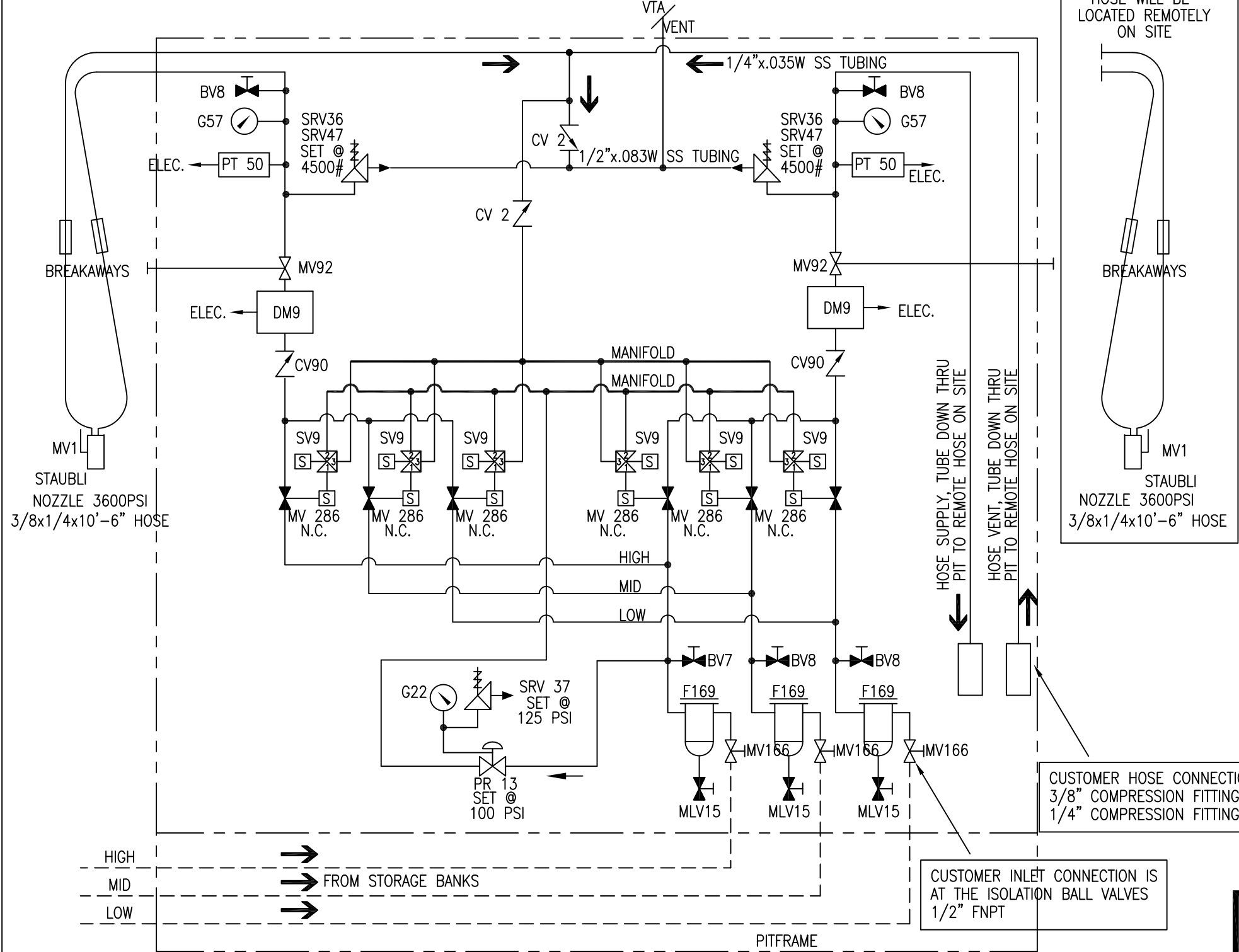
BREAK SHARP EDGES

ALL DIMENSIONS IN INCHES

FRACTIONAL ±.125
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ±1°

TITLE					SERIES II DISPENSER – INSTALLATION DIMENSIONS 2–HOSE, 3–BANK SEQUENCING						
CUSTOMER				PIONEER NATURAL GAS – BIVENS			PROJECT NO.		30974		
SHEET		1/1		SCALE		1:24		DRAWING NO.		REV.	
DRAWN BY		HMR		DATE		1/30/12					
									A05–22–30974		–

2 HOSE SERIES II DISPENSER 3600# / 3600# HOSE



DESIGNATOR	PART NUMBER	DESCRIPTION
BV 7	330-07281	VALVE-PURGE 1/4 FNPT 6000#
BV 8	330-07312	VALVE-PURGE 7/16-20MSAE 6000# SS
CV 2	336-02419	VALVE-CHECK HOKE 1/4ML 6000# SS 2# CRACKING SPRING
CV 90	336-07319	VALVE-CHECK HOKE 1/2 FSAE (3/4-16FSAE/SAE-8) 6000#
DM 9	902-07240	METER-D CNG50 W/10' 4WIRE CABLE W/NO RFT, NO DISPLAY
F 169	772-07299	FILTER-FINITE SAE-8 JS2B GR4 COALESCING ELEMENT 5500#
G 22	741-07240	GAUGE-PRES 200#/B BM PM GF WIKA
G 57	741-07289	GAUGE-PRES 10,000#/B BM PM GF WIKA
MLV 15	330-07385	VALVE-NEEDLE 1/4 FNPT 6000# CS
MV 1	330-02488	VALVE-BALL WHITEY 1/4 6000# 3WAY 83SERIES
MV 92	334-07294	VALVE-BALL SVF 1/2 6000# W/LOCKING HANDLE (H766)
MV 166	334-07362	VALVE-BALL SVF 1/2 6000# W/LOCKING HANDLE (HBVE)
MV 286	334-07496	VALVE/ACT-ASSY SVF SAE-8 F.P. 6000# SS W/A2S-35-12-V-NC
PR 13	500-01674	REGULATOR-MECO 150#
PT 50	410-07282	TRANSDUCER-PRESSURE AST 0-6000# UL CL1 DIV1&2
SRV 36	330-02483	VALVE-RELIEF NURPO R3A 1/4MLxFML
SRV 37	331-04522	VALVE-RELIEF CIRCLE SEAL 125# 1/4
SRV 47	652-01845	SPRING-NUPRO RED 4000-5000#
SV 9	330-07243	VALVE-SOL 3WY 1/4 150# 120V NC BRS UL
--	700-07259	BREAKAWAY-INLINE SNAPTITE NON-RELIEVING (SUPPLY)
--	700-07260	BREAKAWAY-INLINE SNAPTITE RELEVING (VENT)
--	700-06460	NOZZLE-3600# STAUBLI CMV08 YELLOW
--	820-07251	HOSE WHIP ASSY-1/4x24" FACESEAL (137-05016)
--	820-07252	HOSE WHIP ASSY-3/8x24" FACESEAL (137-07230)
--	820-07313	HOSE ASSY-3/8x1/4x7'-6" FACESEAL (137-05469)

FOR ELECTRICAL SCHEMATIC SEE
"E45-00-008"

LEGEND	
BV	=BLEED (PURGE) VALVE
CV	=CHECK VALVE
DM	=MASS FLOW D-METER
F	=FILTER
G	=PRESSURE GAUGE
MV	=MANUAL BALL VALVE
PR	=PRESSURE REGULATOR
PT	=PRESSURE TRANSDUCER
SRV	=SAFETY RELIEF VALVE
SV	=SOLENOID VALVE
VTA	=VENT TO ATMOSPHERE

DISPENSER 2 OF 2 - REF A05-21-30974 FOR DISPENSER 1

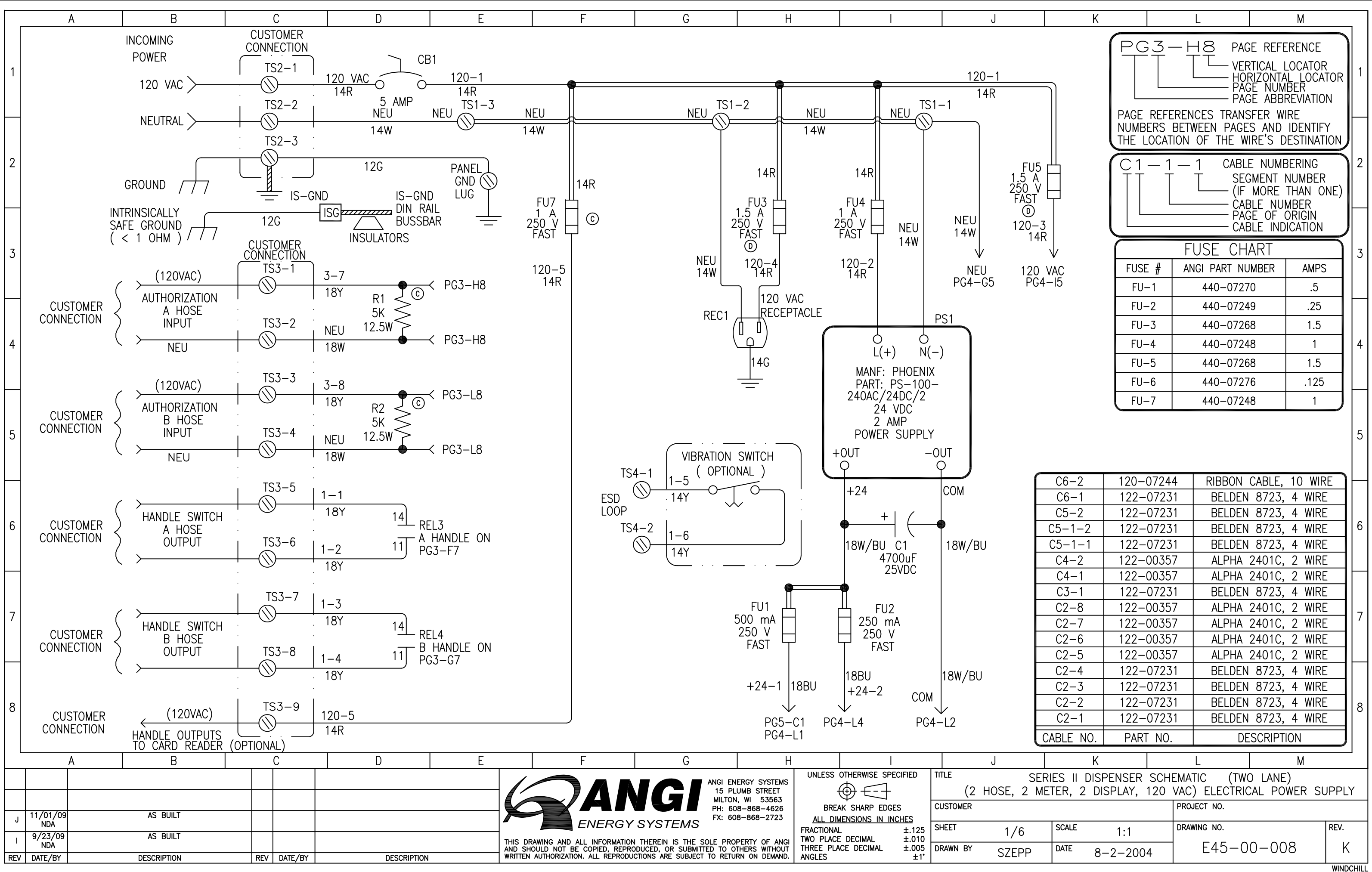
REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION
B	11/2/12 HMR	ADDED DETAIL FOR THE REMOTE HOSE PER CUSTOMER REQUEST			
A	7/27/12 HMR	DISPENSER WILL NOT BE UPDATED, KEEP AS ORIGINALLY BUILT,SEE ECN#120614-001A			

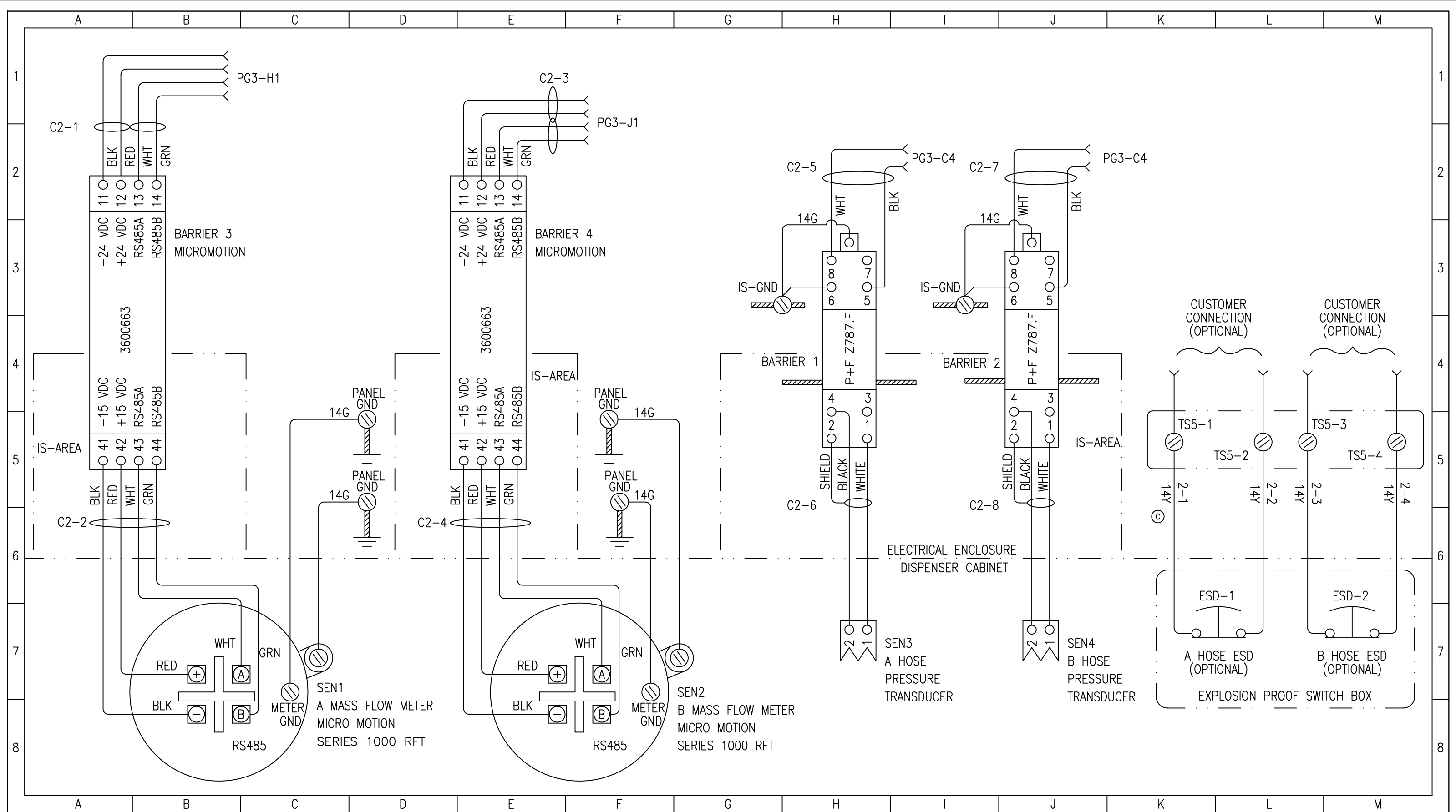


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UNLESS OTHERWISE SPECIFIED		TITLE			
BREAK SHARP EDGES		2 HOSE, 2 METER, SERIES II W/ACTUATED BALL VALVES 3600 / 3600# HOSES, DISPENSER P & ID			
FRACTIONAL		CUSTOMER		PROJECT NO.	
TWO PLACE DECIMAL		PIONEER NATURAL GAS - BIVENS		30974	
THREE PLACE DECIMAL		SHEET	1/1	SCALE	NTS
ANGLES		DRAWN BY	HMR	DATE	7/27/12
		DRAWING NO.		REV.	
		A05-23-30974		B	





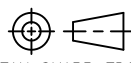
REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION
I	9/23/09 NDA	AS BUILT			



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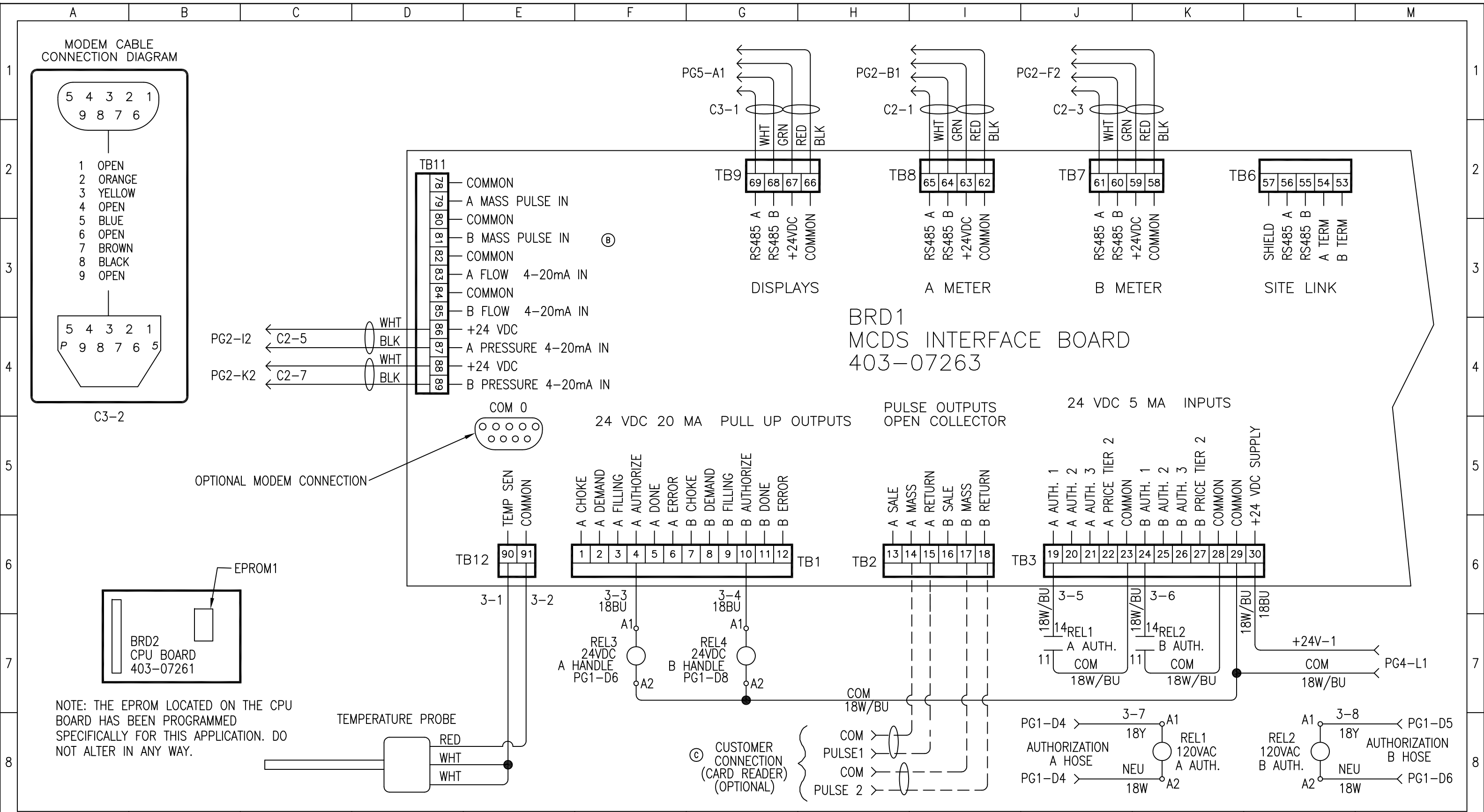


BREAK SHARP EDGES
ALL DIMENSIONS IN INCHES

FRACTIONAL	±.125
TWO PLACE DECIMAL	±.010
THREE PLACE DECIMAL	±.005
ANGLES	±1°

TITLE
SERIES II DISPENSER SCHEMATIC (TWO LANE)
(2 HOSE, 2 METER, 2 DISPLAY, 120 VAC) ELECTRICAL POWER SUPPLY

CUSTOMER		PROJECT NO.	
SHEET 2/6	SCALE 1:1	DRAWING NO. E45-00-008	REV. K
DRAWN BY SZEPP	DATE 8-2-2004		



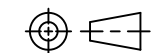
REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION
J	11/01/09 NDA	AS BUILT			
I	9/23/09 NDA	AS BUILT			



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UNLESS OTHERWISE SPECIFIED

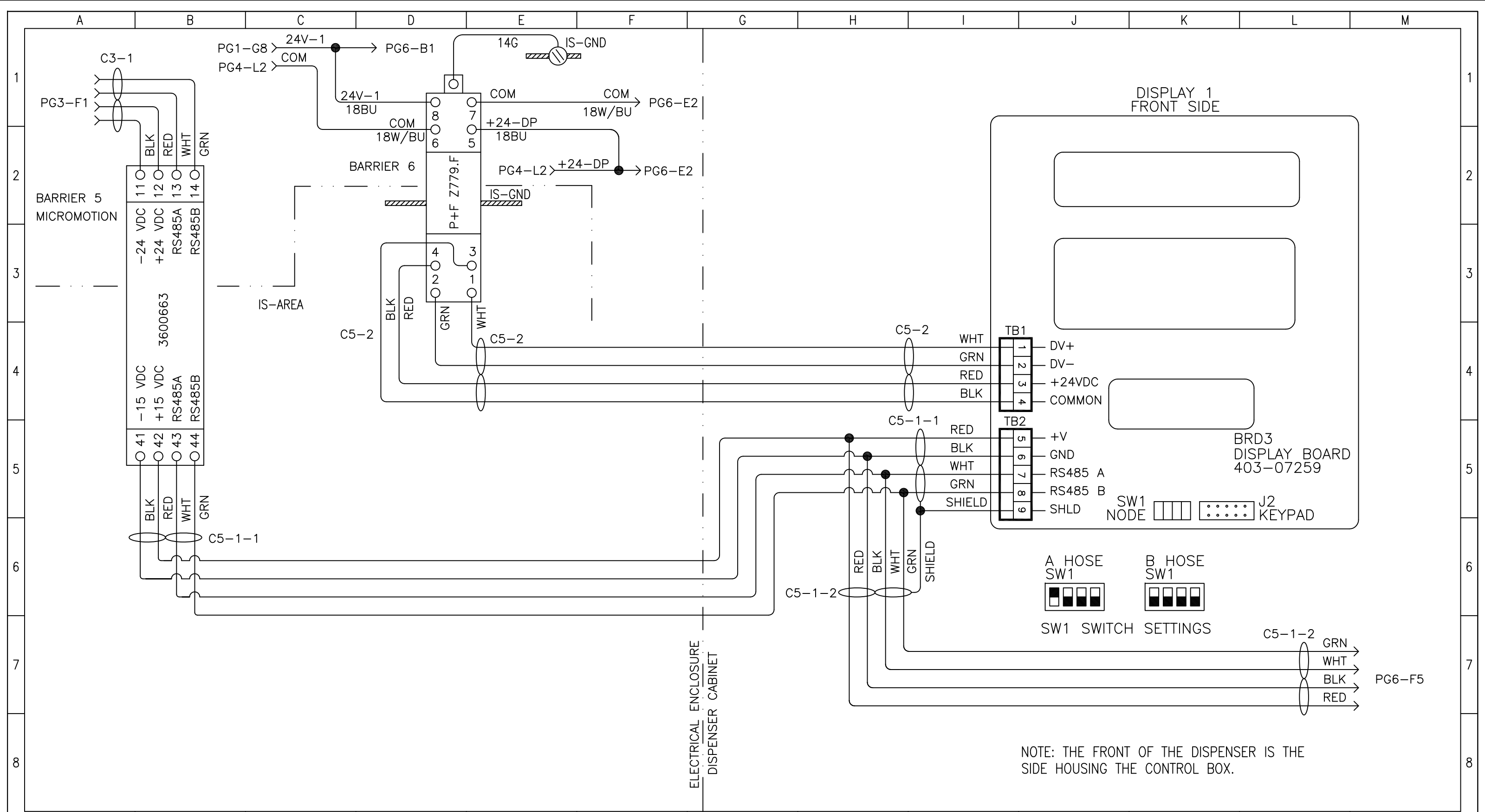


BREAK SHARP EDGES
ALL DIMENSIONS IN INCHES

FRACTIONAL	±.125
TWO PLACE DECIMAL	±.010
THREE PLACE DECIMAL	±.005
ANGLES	±1°

TITLE
SERIES II DISPENSER SCHEMATIC (TWO LANE)
(2 HOSE, 2 METER, 2 DISPLAY, 120 VAC) ELECTRICAL POWER SUPPLY

CUSTOMER		PROJECT NO.	
SHEET 3/6	SCALE 1:1	DRAWING NO. E45-00-008	REV. K
DRAWN BY SZEPP	DATE 8-2-2004		



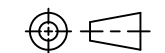
NOTE: THE FRONT OF THE DISPENSER IS THE SIDE HOUSING THE CONTROL BOX.

REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION
J	11/01/09 NDA	AS BUILT			
I	9/23/09 NDA	AS BUILT			



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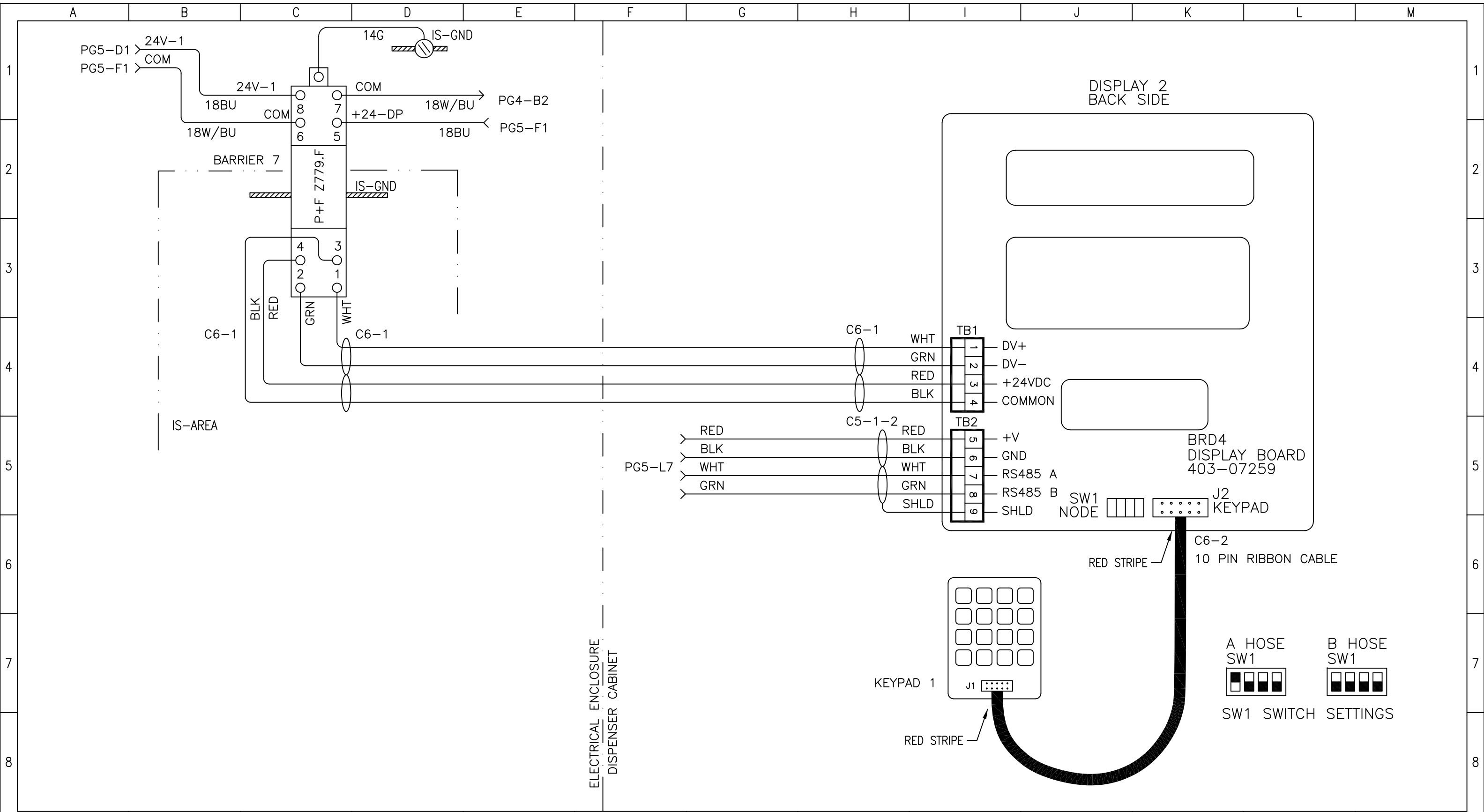


BREAK SHARP EDGES

ALL DIMENSIONS IN INCHES

FRACTIONAL	±.125
TWO PLACE DECIMAL	±.010
THREE PLACE DECIMAL	±.005
ANGLES	±1°

TITLE SERIES II DISPENSER SCHEMATIC (TWO LANE) (2 HOSE, 2 METER, 2 DISPLAY, 120 VAC) ELECTRICAL POWER SUPPLY	
CUSTOMER	
SHEET 5/6	SCALE 1:1
DRAWN BY SZEPP	DATE 8-2-2004
PROJECT NO. E45-00-008	
DRAWING NO. E45-00-008	
REV. K	

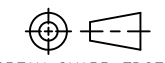


REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION
J	11/01/09 NDA	AS BUILT			
I	9/23/09 NDA	AS BUILT			



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UNLESS OTHERWISE SPECIFIED



BREAK SHARP EDGES

ALL DIMENSIONS IN INCHES

FRACTIONAL	±.125
TWO PLACE DECIMAL	±.010
THREE PLACE DECIMAL	±.005
ANGLES	±1°

TITLE
SERIES II DISPENSER SCHEMATIC (TWO LANE)
(2 HOSE, 2 METER, 2 DISPLAY, 120 VAC) ELECTRICAL POWER SUPPLY

CUSTOMER		PROJECT NO.	
SHEET 6/6	SCALE 1:1	DRAWING NO. E45-00-008	REV. K
DRAWN BY SZEPP	DATE 8-2-2004		