AP40013
UNIVERSAL LEVEL OUT
FUNCTION 5
"B" FUNCTION

AP40013
UNIVERSAL LEVEL OUT
FUNCTION 4
"B" FUNCTION

AP49808
UNIVERSAL STRAIGHT OUT
FUNCTION 3
"B" FUNCTION

AP40013
UNIVERSAL LEVEL OUT
FUNCTION 1
"B" FUNCTION

AP40013
UNIVERSAL LEVEL OUT
FUNCTION 2
"B" FUNCTION

			HWH	I-80 EXIT 267 SOUTH
				RT 1 MOSCOW, IOWA 52760

SCALE 1:6	DATE 16MAY12	DRAWN BY .

NO.	DATE	REVISION

HYD CONN DIAGRAM

LIFELINE

DRAWING NUMBER

MP70532 A/G
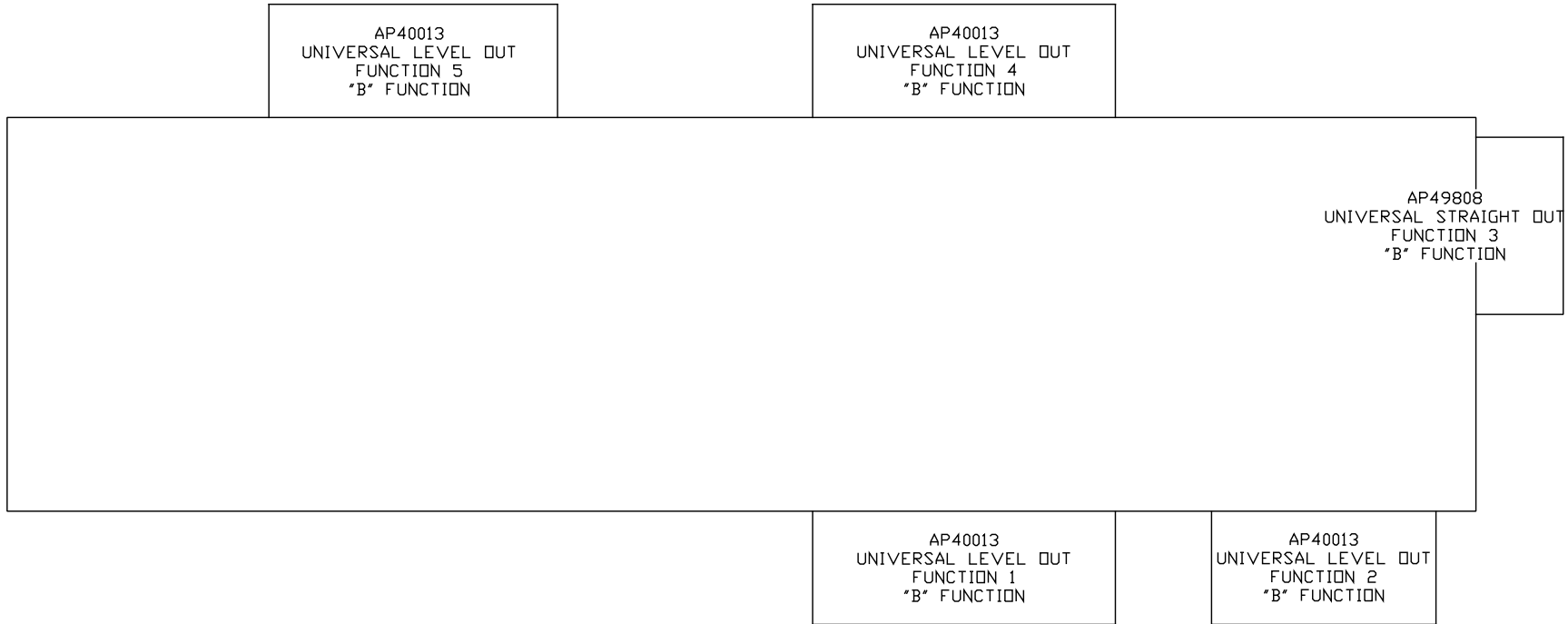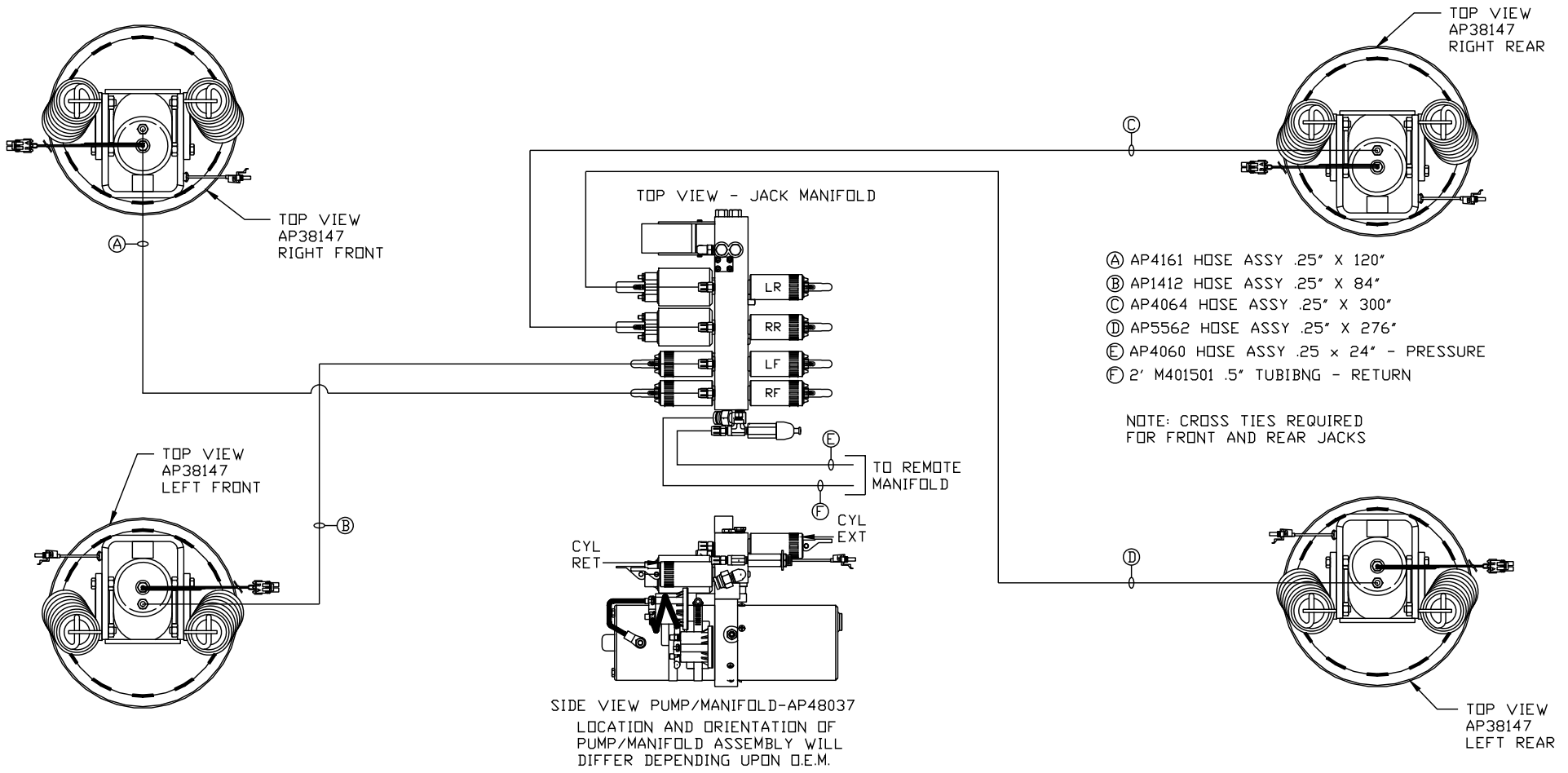
NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE
STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

LEVELING SYSTEM: AP49806

TOP VIEW
AP38147
RIGHT FRONT

Ⓐ

TOP VIEW
AP38147
LEFT FRONT

Ⓑ

TOP VIEW
AP38147
RIGHT REAR

Ⓒ

TOP VIEW - JACK MANIFOLD

LR
RR
LF
RF

Ⓔ
TO REMOTE
MANIFOLD

Ⓕ

CYL
EXT

CYL
RET

SIDE VIEW PUMP/MANIFOLD-AP48037
LOCATION AND ORIENTATION OF
PUMP/MANIFOLD ASSEMBLY WILL
DIFFER DEPENDING UPON O.E.M.

Ⓐ AP4161 HOSE ASSY .25" X 120"
Ⓑ AP1412 HOSE ASSY .25" X 84"
Ⓒ AP4064 HOSE ASSY .25" X 300"
Ⓓ AP5562 HOSE ASSY .25" X 276"
Ⓔ AP4060 HOSE ASSY .25 x 24" - PRESSURE
Ⓕ 2' M401501 .5" TUBIBNG - RETURN

NOTE: CROSS TIES REQUIRED
FOR FRONT AND REAR JACKS

Ⓓ

TOP VIEW
AP38147
LEFT REAR

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE
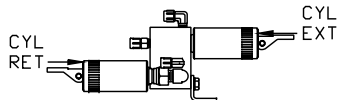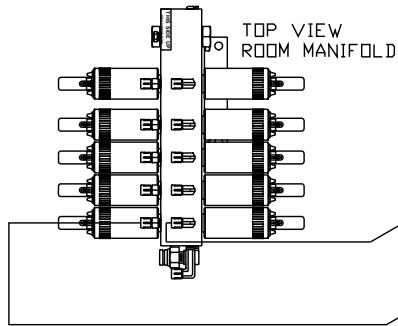STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

MP70532 B/G
16MAY12

AP50015 HOSE KIT ULO / MIDDLE
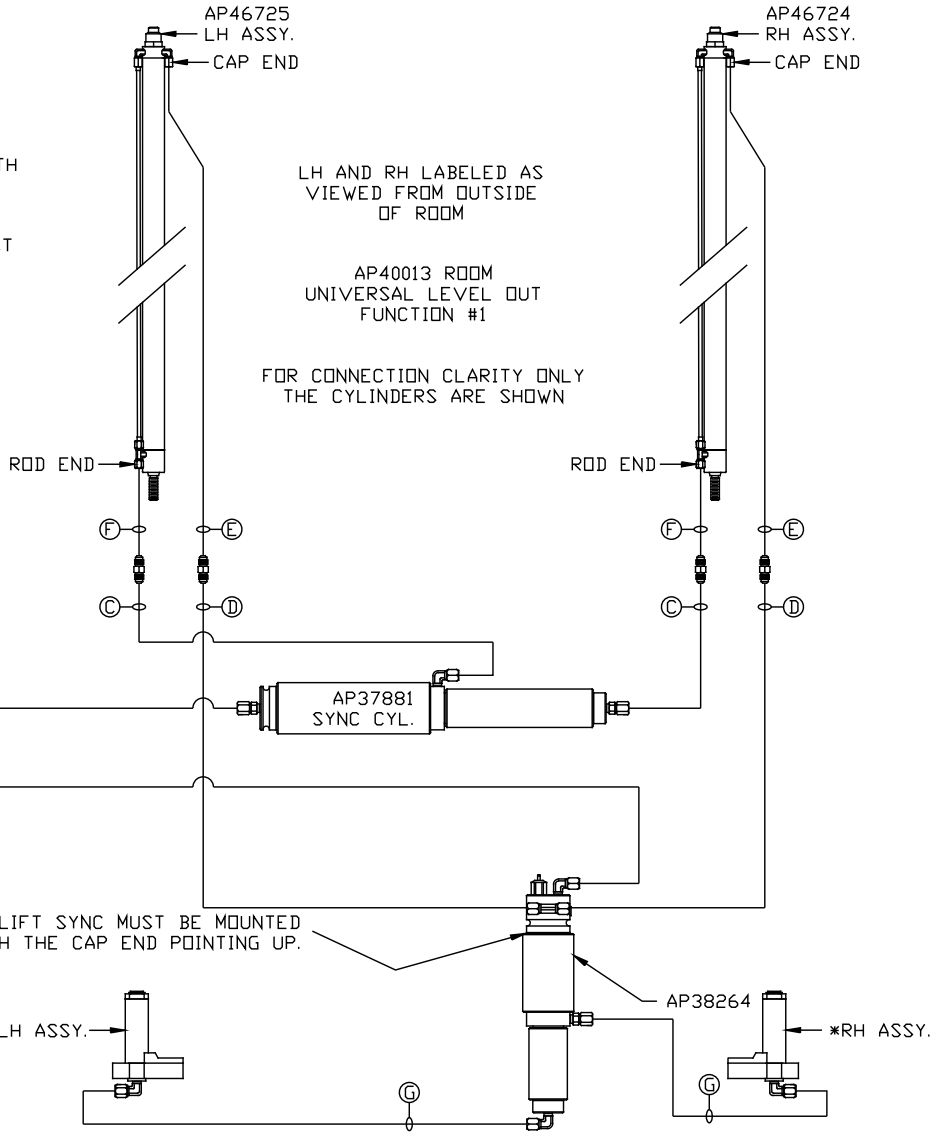
*: PART OF THE ROOM
EXTENSION MECHANISM.

Ⓐ AP4061 HOSE ASSY .25" × 216"
ROD END - ALWAYS PRESSURIZED

Ⓑ AP4061 HOSE ASSY .25" × 216"
CAP END

Ⓒ AP49244 HOSE ASSY 03 × 108"
ROD END - ALWAYS PRESSURIZED - MUST
MAINTAIN EQUAL LENGTH AND DIAMETER

Ⓓ AP4074 HOSE ASSY .25" × 108"
CAP END - MUST MAINTAIN EQUAL LENGTH
AND DIAMETER

NOTE: ITEMS Ⓔ AND Ⓕ ARE INCLUDED
WITH THE ROOM EXTENSION MECHANISM.

Ⓔ AP48270 HYDRAULIC TUBE ASSY 75.5"
CAP END - MUST MAINTAIN EQUAL LENGTH
AND DIAMETER

Ⓕ AP48355 HYDRAULIC TUBE ASSY 42"
ROD END - ALWAYS PRESSURIZED - MUST
MAINTAIN EQUAL LENGTH AND DIAMETER

Ⓖ AP47601 HOSE ASSY 03 × 72"
CAP END - MUST MAINTAIN EQUAL
LENGTH AND DIAMETER

AP46725
LH ASSY.
CAP END

AP46724
RH ASSY.
CAP END

LH AND RH LABELED AS
VIEWED FROM OUTSIDE
OF ROOM

AP40013 ROOM
UNIVERSAL LEVEL OUT
FUNCTION #1

FOR CONNECTION CLARITY ONLY
THE CYLINDERS ARE SHOWN

ROD END

ROD END

TOP VIEW
ROOM MANIFOLD

AP37881
SYNC CYL.

CYL
EXT

CYL
RET

NOTE: LIFT SYNC MUST BE MOUNTED
WITH THE CAP END POINTING UP.

AP38264

*LH ASSY.

*RH ASSY.

SIDE VIEW MANIFOLD-AP48097

MANIFOLD IS LOCATED NEXT
TO PUMP MANIFOLD ASSY.

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE
STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.
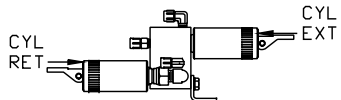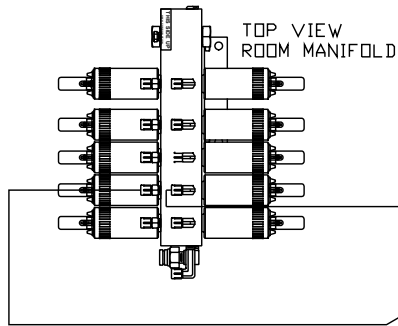
MP70532 C/G
16MAY12

AP50016 HOSE KIT ULO / REAR
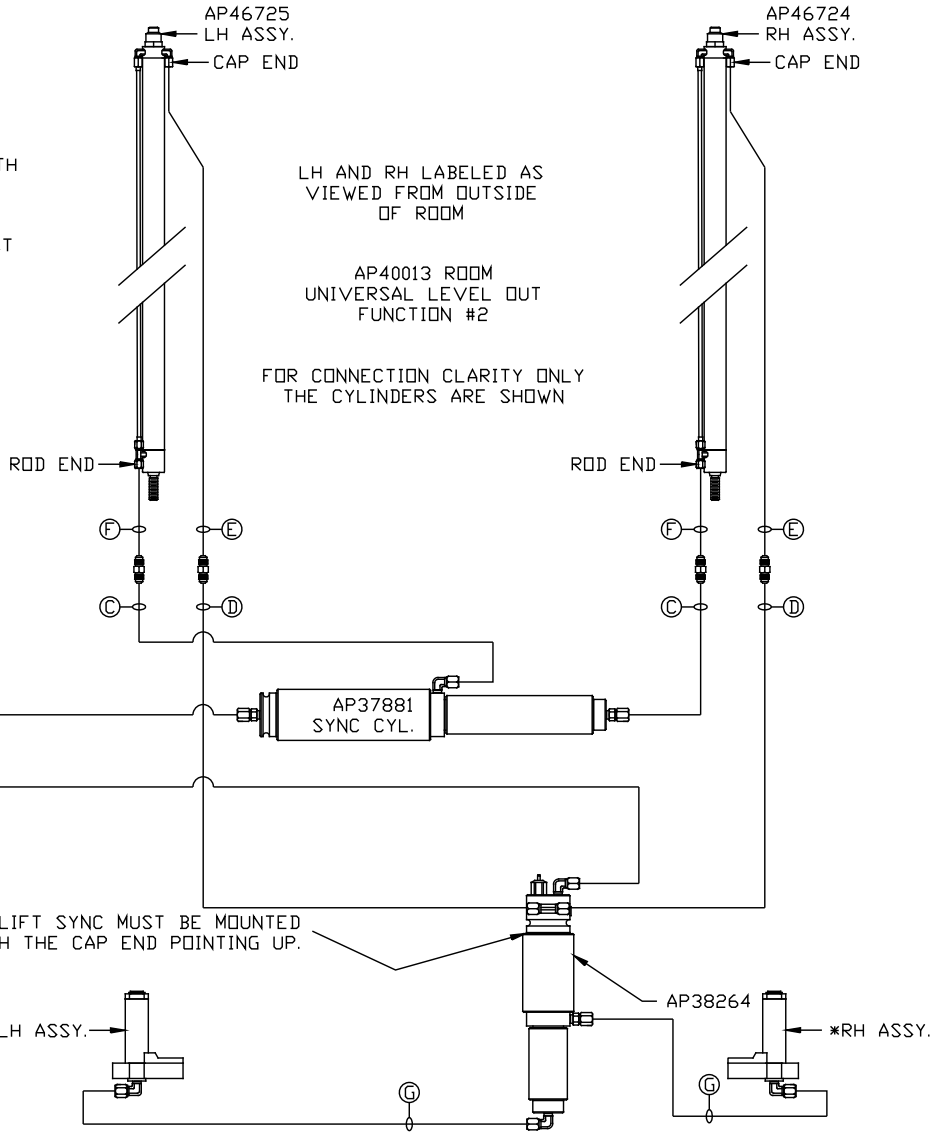
∗: PART OF THE ROOM
EXTENSION MECHANISM.

Ⓐ AP5216 HOSE ASSY .25" × 312"
ROD END - ALWAYS PRESSURIZED

Ⓑ AP5216 HOSE ASSY .25" × 312"
CAP END

Ⓒ AP49244 HOSE ASSY 03 × 108"
ROD END - ALWAYS PRESSURIZED - MUST
MAINTAIN EQUAL LENGTH AND DIAMETER

Ⓓ AP4074 HOSE ASSY .25" × 108"
CAP END - MUST MAINTAIN EQUAL LENGTH
AND DIAMETER

NOTE: ITEMS Ⓔ AND Ⓕ ARE INCLUDED
WITH THE ROOM EXTENSION MECHANISM.

Ⓔ AP48270 HYDRAULIC TUBE ASSY 75.5"
CAP END - MUST MAINTAIN EQUAL LENGTH
AND DIAMETER

Ⓕ AP48355 HYDRAULIC TUBE ASSY 42"
ROD END - ALWAYS PRESSURIZED - MUST
MAINTAIN EQUAL LENGTH AND DIAMETER

Ⓖ AP47601 HOSE ASSY 03 × 72"
CAP END - MUST MAINTAIN EQUAL
LENGTH AND DIAMETER

AP46725
LH ASSY.
CAP END

AP46724
RH ASSY.
CAP END

LH AND RH LABELED AS
VIEWED FROM OUTSIDE
OF ROOM

AP40013 ROOM
UNIVERSAL LEVEL OUT
FUNCTION #2

FOR CONNECTION CLARITY ONLY
THE CYLINDERS ARE SHOWN

ROD END

ROD END

TOP VIEW
ROOM MANIFOLD

CYL
EXT

CYL
RET

SIDE VIEW MANIFOLD-AP48097

MANIFOLD IS LOCATED NEXT
TO PUMP MANIFOLD ASSY.

Ⓐ

Ⓑ

AP37881
SYNC CYL.

NOTE: LIFT SYNC MUST BE MOUNTED
WITH THE CAP END POINTING UP.

∗LH ASSY.

AP38264

∗RH ASSY.

Ⓖ

Ⓖ

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE
STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.
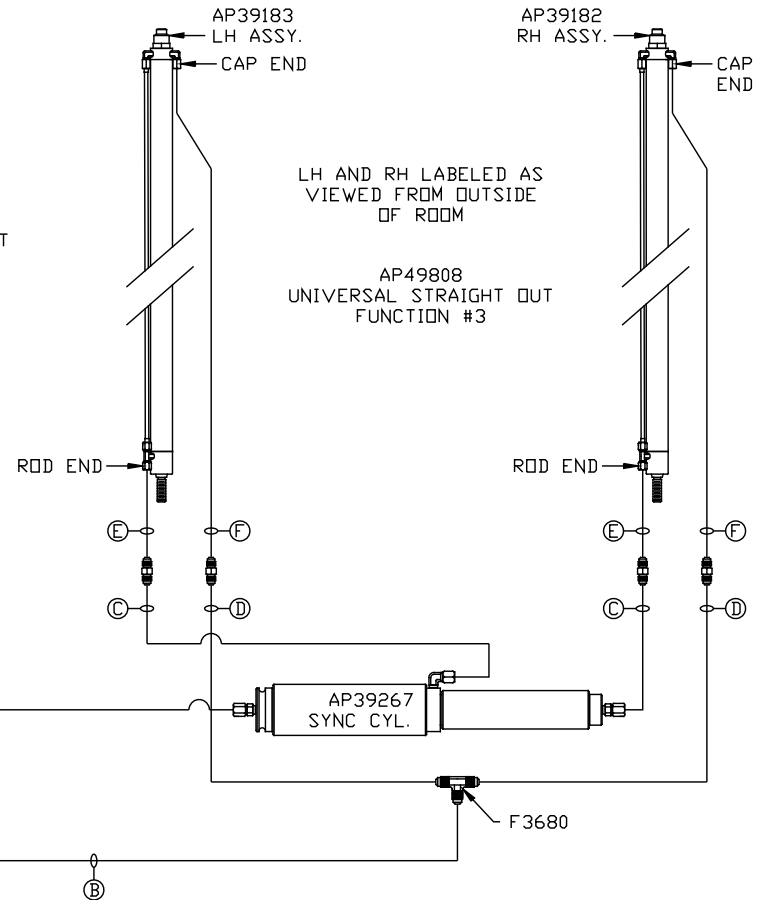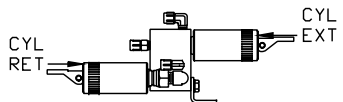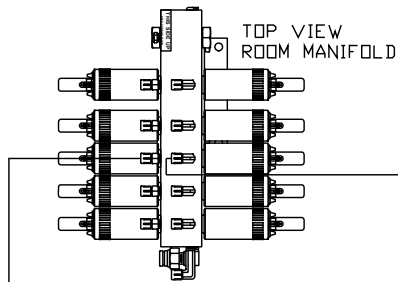
MP70532 D/G
16MAY12

AP50017 HOSE KIT USO / REAR

Ⓐ AP5216 HOSE ASSY .25" x 312"
ROD END - ALWAYS PRESSURIZED

Ⓑ AP5216 HOSE ASSY .25" x 312"
CAP END

Ⓒ AP47601 HOSE ASSY 03 x 72"
ROD END - ALWAYS PRESSURIZED - MUST
MAINTAIN EQUAL LENGTH AND DIAMETER

Ⓓ AP4074 HOSE ASSY .25" x 108"
CAP END - MUST MAINTAIN EQUAL LENGTH
AND DIAMETER

NOTE: HOSES Ⓔ AND Ⓕ ARE INCLUDED
WITH THE ROOM EXTENSION MECHANISM

Ⓔ AP24632 HOSE ASSY HWH02HP x 48"
CAP END - MUST MAINTAIN EQUAL
LENGTH AND DIAMETER

Ⓕ AP24818 HOSE ASSY HWH02HP x 86"
ROD END - ALWAYS PRESSURIZED - MUST
MAINTAIN EQUAL LENGTH AND DIAMETER

AP39183
LH ASSY.
CAP END

AP39182
RH ASSY.
CAP END

LH AND RH LABELED AS
VIEWED FROM OUTSIDE
OF ROOM

AP49808
UNIVERSAL STRAIGHT OUT
FUNCTION #3

ROD END

ROD END

TOP VIEW
ROOM MANIFOLD

AP39267
SYNC CYL.

F3680

CYL
EXT

CYL
RET

SIDE VIEW MANIFOLD-AP48097

MANIFOLD IS LOCATED NEXT
TO PUMP MANIFOLD ASSY.

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE
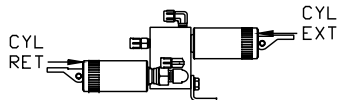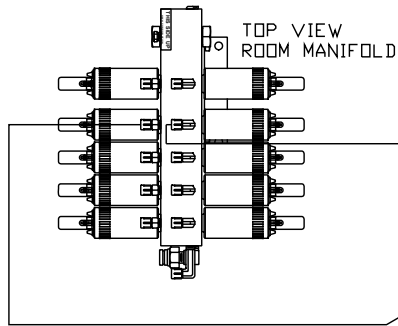STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

MP70532 E/G
16MAY12

AP50015 HOSE KIT ULO / MIDDLE
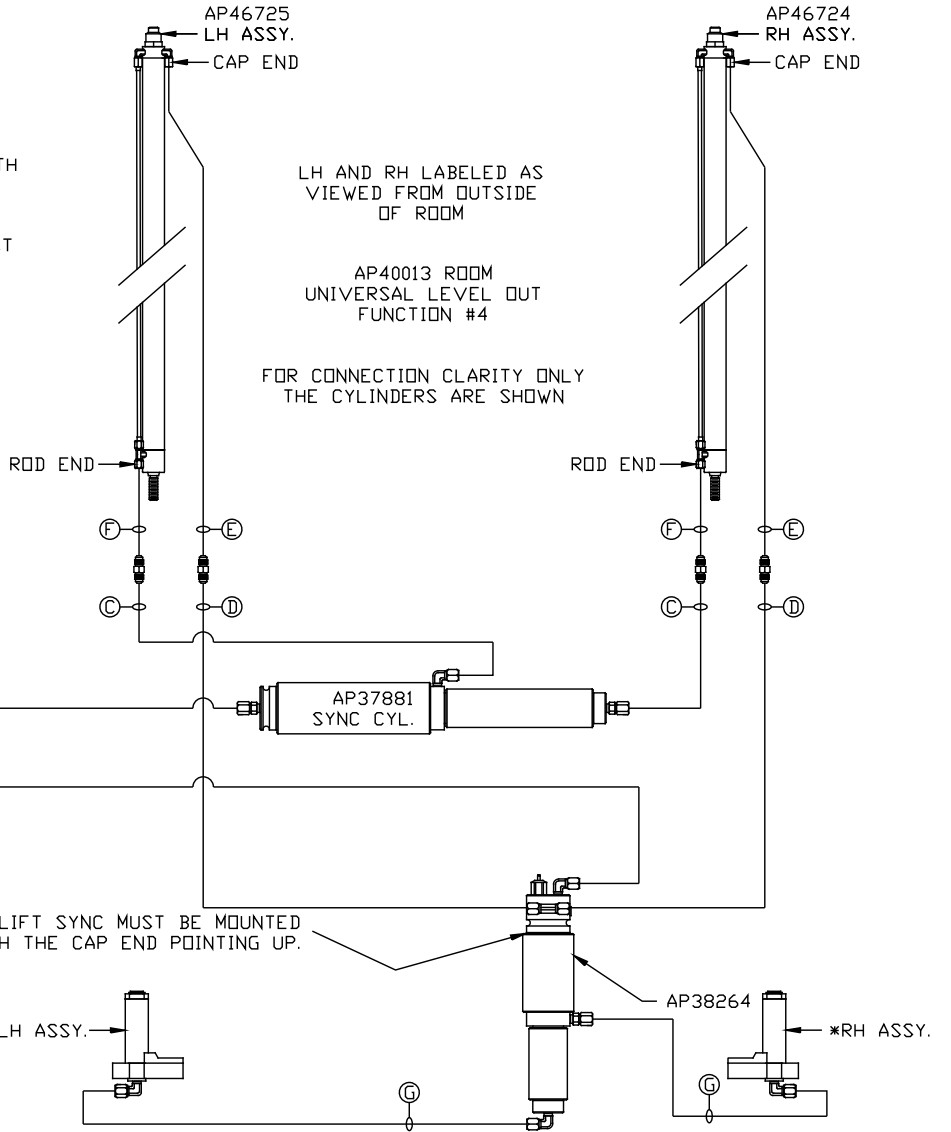
*: PART OF THE ROOM
EXTENSION MECHANISM.

Ⓐ AP4061 HOSE ASSY .25" x 216"
ROD END - ALWAYS PRESSURIZED

Ⓑ AP4061 HOSE ASSY .25" x 216"
CAP END

Ⓒ AP49244 HOSE ASSY 03 x 108"
ROD END - ALWAYS PRESSURIZED - MUST
MAINTAIN EQUAL LENGTH AND DIAMETER

Ⓓ AP4074 HOSE ASSY .25" x 108"
CAP END - MUST MAINTAIN EQUAL LENGTH
AND DIAMETER

NOTE: ITEMS Ⓔ AND Ⓕ ARE INCLUDED
WITH THE ROOM EXTENSION MECHANISM.

Ⓔ AP48270 HYDRAULIC TUBE ASSY 75.5"
CAP END - MUST MAINTAIN EQUAL LENGTH
AND DIAMETER

Ⓕ AP48355 HYDRAULIC TUBE ASSY 42"
ROD END - ALWAYS PRESSURIZED - MUST
MAINTAIN EQUAL LENGTH AND DIAMETER

Ⓖ AP47601 HOSE ASSY 03 x 72"
CAP END - MUST BE HOSES OF EQUAL
LENGTH AND DIAMETER

AP46725
LH ASSY.
CAP END

AP46724
RH ASSY.
CAP END

LH AND RH LABELED AS
VIEWED FROM OUTSIDE
OF ROOM

AP40013 ROOM
UNIVERSAL LEVEL OUT
FUNCTION #4

FOR CONNECTION CLARITY ONLY
THE CYLINDERS ARE SHOWN

ROD END

ROD END

TOP VIEW
ROOM MANIFOLD

AP37881
SYNC CYL.

CYL
EXT

CYL
RET

SIDE VIEW MANIFOLD-AP48097

MANIFOLD IS LOCATED NEXT
TO PUMP MANIFOLD ASSY.

NOTE: LIFT SYNC MUST BE MOUNTED
WITH THE CAP END POINTING UP.

AP38264

*LH ASSY.

*RH ASSY.

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE
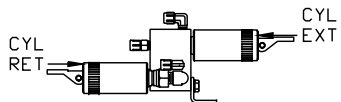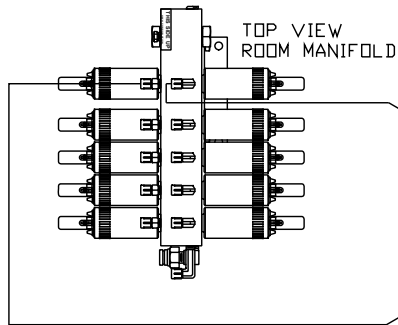STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

MP70532 F/G
16MAY12

AP50014 HOSE KIT ULO / FRONT
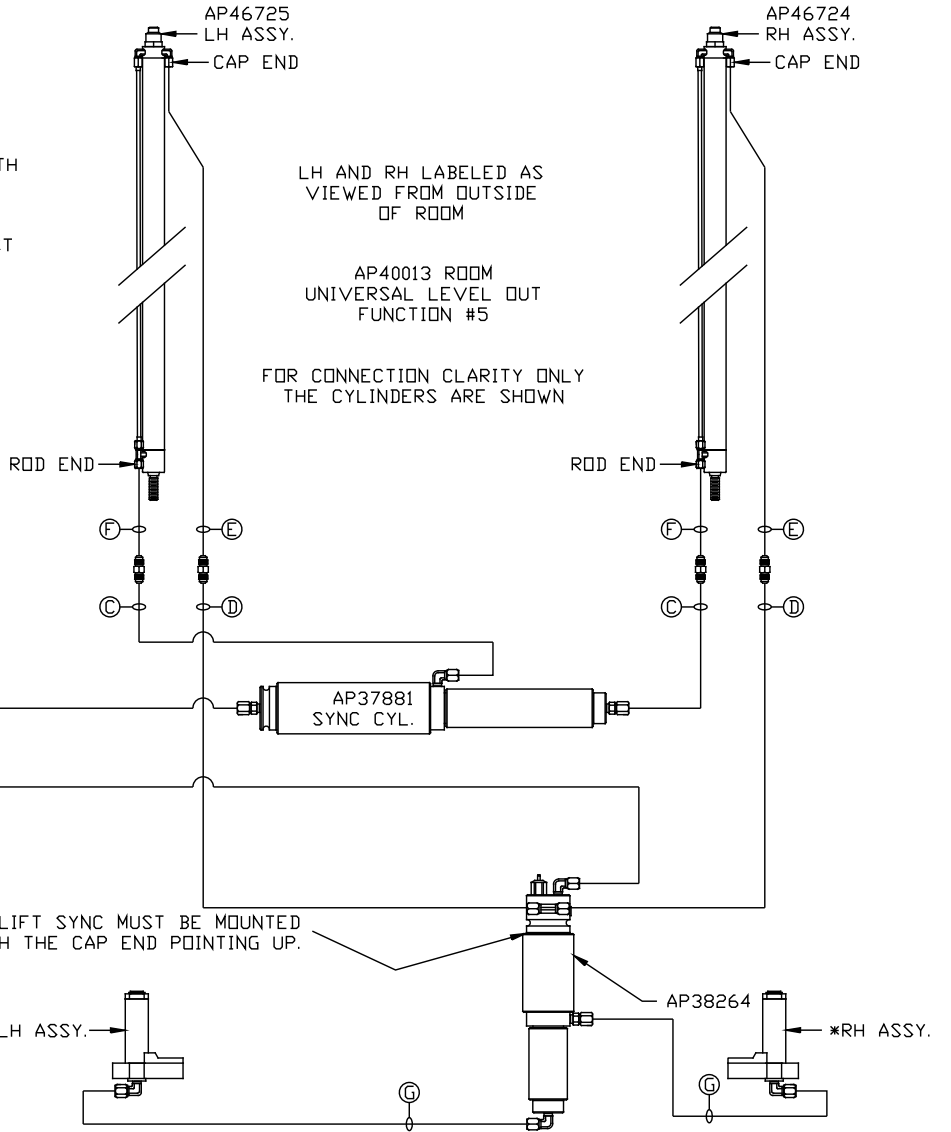
*: PART OF THE ROOM
EXTENSION MECHANISM.

Ⓐ AP5352 HOSE ASSY .25" × 96"
ROD END - ALWAYS PRESSURIZED

Ⓑ AP5352 HOSE ASSY .25" × 96"
CAP END

Ⓒ AP49244 HOSE ASSY 03 × 108"
ROD END - ALWAYS PRESSURIZED - MUST
MAINTAIN EQUAL LENGTH AND DIAMETER

Ⓓ AP4074 HOSE ASSY .25" × 108"
CAP END - MUST MAINTAIN EQUAL LENGTH
AND DIAMETER

NOTE: ITEMS Ⓔ AND Ⓕ ARE INCLUDED
WITH THE ROOM EXTENSION MECHANISM.

Ⓔ AP48270 HYDRAULIC TUBE ASSY 75.5"
CAP END - MUST MAINTAIN EQUAL LENGTH
AND DIAMETER

Ⓕ AP48355 HYDRAULIC TUBE ASSY 42"
ROD END - ALWAYS PRESSURIZED - MUST
MAINTAIN EQUAL LENGTH AND DIAMETER

Ⓖ AP47601 HOSE ASSY 03 × 72"
CAP END - MUST MAINTAIN EQUAL
LENGTH AND DIAMETER

AP46725
LH ASSY.
CAP END

AP46724
RH ASSY.
CAP END

LH AND RH LABELED AS
VIEWED FROM OUTSIDE
OF ROOM

AP40013 ROOM
UNIVERSAL LEVEL OUT
FUNCTION #5

FOR CONNECTION CLARITY ONLY
THE CYLINDERS ARE SHOWN

ROD END

ROD END

TOP VIEW
ROOM MANIFOLD

Ⓐ

Ⓑ

AP37881
SYNC CYL.

CYL
EXT

CYL
RET

SIDE VIEW MANIFOLD-AP48097

MANIFOLD IS LOCATED NEXT
TO PUMP MANIFOLD ASSY.

NOTE: LIFT SYNC MUST BE MOUNTED
WITH THE CAP END POINTING UP.

AP38264

*LH ASSY.

*RH ASSY.

Ⓖ

Ⓖ

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE
STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

MP70532 G/G
16MAY12