

PORTLAND VA HOSPITAL  
HYBRID OR

-----  
-----

PORTLAND, OR  
DATE: 15JAN16

### DIRECTORY

SALES REP: TIM PAYNE 916.712.9480

TIM.PAYNE@STRYKER.COM

PROJECT MANAGER: DENNIS MARSHALL 541.207.2028

DENNIS.MARSHALL@STRYKER.COM

ENGINEER: GOPESH SHARMA 206.257.8310

GOPESH.SHARMA@STRYKER.COM

### TABLE OF CONTENTS

EQUIPMENT LAYOUTS ..... (R) SHEET SECTION

PRE-INSTALL NOTES ..... (P) SHEET SECTION

#### ENGINEERING APPROVAL

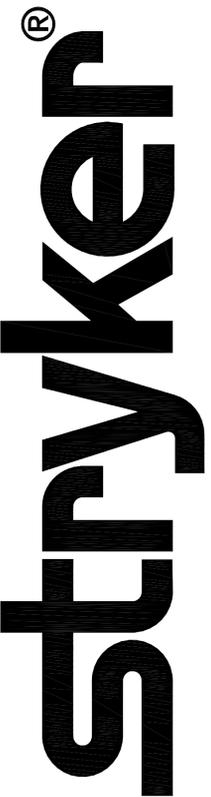
AUTHORIZED SIGNATURE:

DRAWING#: OR-20161-1383\_1

## APPROVED REVISION: 1

DISCLAIMER: THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF STRYKER. NEITHER THIS DOCUMENT NOR THE INFORMATION HEREIN MAY BE REPRODUCED, USED, OR DISCLOSED TO OR FOR THE BENEFIT OF ANY THIRD PARTY WITHOUT THE PRIOR WRITTEN CONSENT OF STRYKER.

1410 LAKE SIDE PARKWAY, SUITE 100  
FLOWER MOUND, TX 75028  
PHONE: (877) 789-8106  
E-FAX: (408) 754-2995  
www.stryker.com



REP: TIM PAYNE  
PM: DENNIS MARSHALL

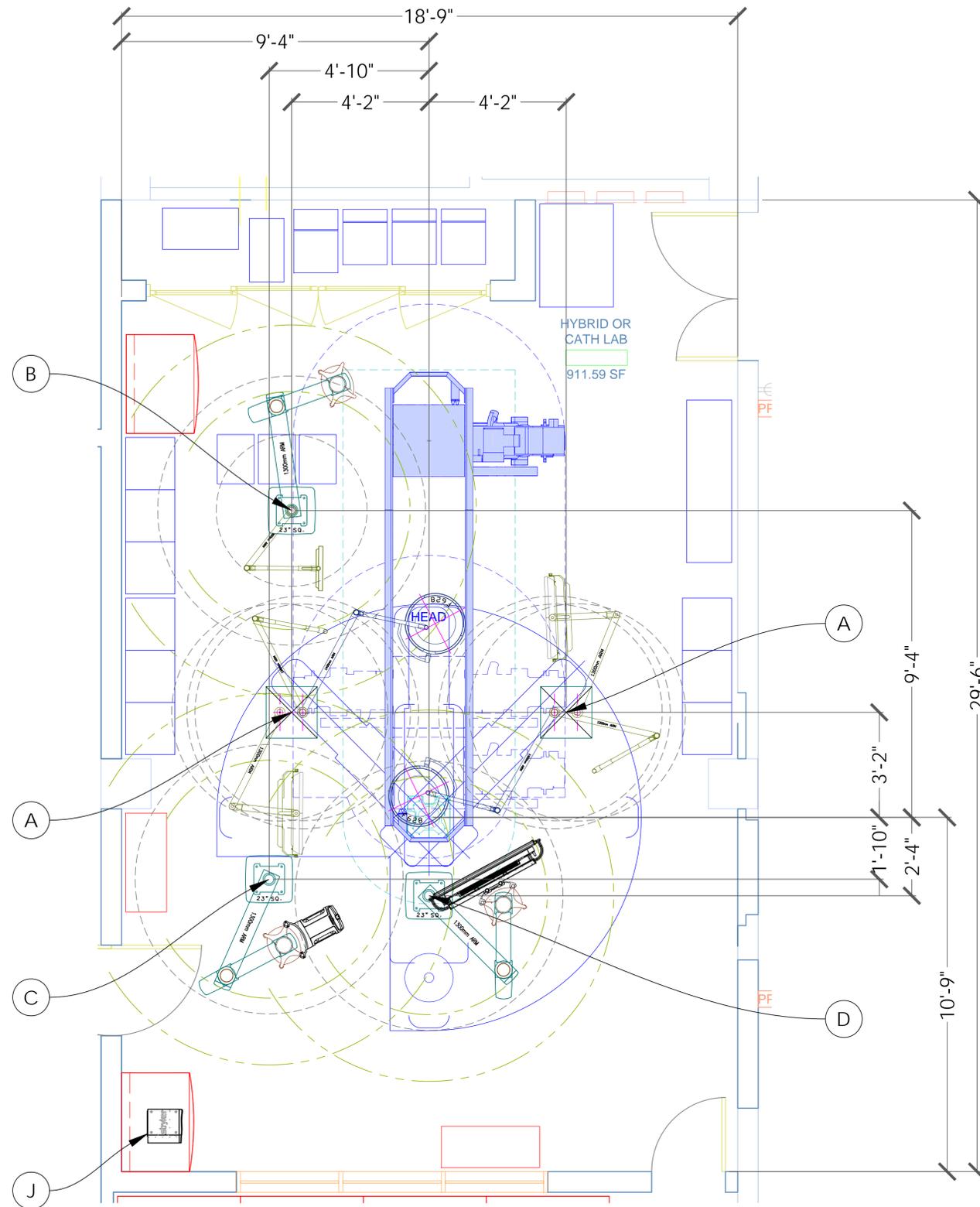
SHEET:  
TITLE

NOTES: (UNLESS OTHERWISE SPECIFIED)

EQUIPMENT SCHEDULE		
KEY ITEM	NAME	QTY
A	TANDEM TELETOM ® - F628 SURGICAL LIGHT / LEAD SHIELD ADAPTER ARM - DUAL FLAT PANEL ARM	2
B	TELETOM TC MOUNT ® - TP-622-C (ANESTHESIA BOOM) - TC SINGLE FLAT PANEL ARM	1
C	TELETOM ® - TP-632 (EQUIPMENT BOOM)	1
D	TELETOM ® - TP-612 (LARGE MONITOR BOOM)	1
J	SWITCHPOINT INFINITY 3	1
K	SK ENCLOSURE FOR CHROMOPHARE LIGHTING (TO BE DETERMINED)	1
L	CHROMOPHARE ® SURGICAL LIGHT WALL CONTROL PANEL (TO BE DETERMINED)	1

CONDUIT SCHEDULE		
CONDUIT RUN ITEM - ITEM	CONDUIT QTY	CONDUIT SIZE
A - J	1	1 1/4"
A - K	2	1"
B - J	1	1 1/4"
B - K	1	2"
C - J	2	2"
D - J	2	2"
K - *	1	1"
L - K	1	1"

\* - NEAREST ELECTRICAL PANEL



**stryker®**

1410 LAKESIDE PARKWAY, SUITE 100  
FLOWER MOUND, TEXAS 75028  
PHONE: (877) 789-8106  
FAX: (972) 410-7001  
www.stryker.com

REV: 1	DATE: 15/JAN/16	DRAWING #: OR-20161-1383_1	DRAFTER: E MONTGOMERY	IR: -
<p><b>DISCLAIMER</b></p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF STRYKER. NEITHER THIS DOCUMENT NOR THE INFORMATION HEREIN MAY BE REPRODUCED, USED, OR DISCLOSED TO OR FOR THE BENEFIT OF ANY THIRD PARTY WITHOUT THE PRIOR WRITTEN CONSENT OF STRYKER.</p>				

**EQUIPMENT LAYOUT**

HYBRID ROOM

PORTLAND VA HOSPITAL  
HYBRID OR  
PORTLAND, OR

REP: TIM PAYNE  
PM: DENNIS MARSHALL

SHEET:  
**R-HY**

SCALE: 3/8" = 1'

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL CONDUIT RUNS INCLUDE INSULATED BUSHINGS AND PULL STRINGS.
2. CONDUIT RUNS CANNOT EXCEED 50' FROM END-TO-END. DO NOT EXCEED FOUR (4) 90 DEGREE BENDS.
3. CABLES BETWEEN ITEMS OVER 50 FEET IN LENGTH ARE PROVIDED BY THE CUSTOMER / CONTRACTOR. PLEASE REFER TO EQUIPMENT LIST FOR CABLE SPECIFICATIONS.
4. THE PRE-INSTALL MANUAL REQUIREMENTS SUPERSEDE ALL PRE-INSTALL NOTES IN THIS DRAWING PACKAGE.
5. EQUIPMENT LIST:

PRE-INSTALL NOTES SCHEDULE	
KEY ITEM	NAME
<b>A</b>	<p><b>TANDEM CHROMOPHARE SURGICAL LIGHT / LEAD SHIELD ADAPTER ARM / FLAT PANEL ARM</b>            CONDUIT: REFER TO ROOM LAYOUT FOR CONDUIT SIZE. TERMINATE ALL CONDUITS WITHIN 18" OF THE CENTER OF THE CEILING MOUNT.            POWER: REFER TO TELETOM MANUFACTURING SERVICE MODULE DRAWING FOR ELECTRICAL CIRCUIT COUNT.            - ALL BOOM ELECTRICAL CIRCUITS SHALL BE CONNECTED TO TELETOM OUTLET BOX.            - MOUNT F300 SK ENCLOSURE WITHIN 3' OF BOOM MOUNT FOR LIGHT POWER.            - THE CONTRACTOR / ELECTRICIAN TO HARDWIRE STRYKER ELECTRICAL WHIP DURING STRYKER INSTALLATION.            PLUMBING: INSTALL VALVE BRIDGE TO TOP OF PRE-INSTALL PLATE. ALL GAS LINES MUST BE TERMINATED WITH STRYKER SUPPLIED GAS RISERS BY CUSTOMER/MEDGAS INSTALLER.            - ALL FINAL DISS CONNECTIONS TO BE MADE BY CUSTOMER/MEDGAS INSTALLER AFTER STRYKER INSTALLATION.            ACCESS PANEL: ONE (1) 24" X 24" ACCESS PANEL ADJACENT TO SUSPENSION. ON THE OUTLET BOX SIDE OF THE MOUNTING PLATE.            STRUCTURAL: TELETOM PRE-INSTALL PLATE SHALL BE INSTALLED BY CUSTOMER/CONTRACTOR AT 2.5-INCH, ± .125-INCH ABOVE FINISHED CEILING PER CUSTOMER PROVIDED STRUCTURAL ENGINEER SPECS.            - REQUIRED: A 22" SQUARE HOLE CENTERED ON STRYKER PRE-INSTALL PLATE IN THE FINISHED CEILING IS REQUIRED FOR INSTALLATION. A 23.5" SQUARE CEILING COVER CONCEALS HOLE AFTER SUSPENSION IS INSTALLED.</p>
<b>B</b>	<p><b>TC MOUNT: ANESTHESIA BOOM / FLAT PANEL</b>            CONDUIT: REFER TO ROOM LAYOUT FOR CONDUIT SIZE. TERMINATE ALL CONDUITS WITHIN 18" OF THE CENTER OF THE CEILING MOUNT.            MONITOR POWER: ONE (1) - 20 AMP CIRCUIT LOCATED AT JUNCTION BOX WITHIN 18" OF CENTER OF STRYKER PRE-INSTALL PLATE.            - THE CONTRACTOR / ELECTRICIAN TO HARDWIRE STRYKER ELECTRICAL WHIPS DURING STRYKER INSTALLATION. INSTALL ONE (1) - 5 AMP FUSE FOR 100V- 120V APPLICATIONS, OR A 2.5 AMP FUSE FOR 200V-240V APPLICATIONS, IF REQUIRED BY LOCAL ELECTRICAL CODE. THESE FUSES MUST BE PROVIDED BY THE CONTRACTOR.            BOOM POWER: REFER TO TELETOM MANUFACTURING SERVICE MODULE DRAWING FOR ELECTRICAL CIRCUIT COUNT. ALL ELECTRICAL CIRCUITS SHALL BE CONNECTED TO TELETOM OUTLET BOX.            - THE CONTRACTOR / ELECTRICIAN TO HARDWIRE STRYKER ELECTRICAL WHIP DURING STRYKER INSTALLATION.            BOOM PLUMBING: INSTALL VALVE BRIDGE TO TOP OF PRE-INSTALL PLATE. ALL GAS LINES MUST BE TERMINATED WITH STRYKER SUPPLIED GAS RISERS BY CUSTOMER/MEDGAS INSTALLER.            - ALL FINAL DISS CONNECTIONS TO BE MADE BY CUSTOMER/MEDGAS INSTALLER AFTER STRYKER INSTALLATION.            ACCESS PANEL: ONE (1) 24" X 24" ACCESS PANEL ADJACENT TO SUSPENSION. ON THE OUTLET BOX SIDE OF THE MOUNTING PLATE.            STRUCTURAL: STRYKER PRE-INSTALL PLATE SHALL BE INSTALLED BY CUSTOMER/CONTRACTOR AT 2.5-INCH, ± .125-INCH ABOVE FINISHED CEILING PER CUSTOMER PROVIDED STRUCTURAL ENGINEER SPECS.            - A 22" SQUARE HOLE CENTERED ON STRYKER PER-INSTALL PLATE IN THE FINISHED CEILING IS REQUIRED FOR INSTALLATION. A 23.5" SQUARE CEILING COVER WILL CONCEALS HOLE AFTER SUSPENSION IS INSTALLED.</p>

PRE-INSTALL NOTES SCHEDULE	
KEY ITEM	NAME
<b>C</b> <b>D</b>	<p><b>TELETOM EQUIPMENT BOOM</b>  <b>TELETOM LARGE MONITOR BOOM</b>            CONDUIT: REFER TO ROOM LAYOUT FOR CONDUIT SIZE. TERMINATE ALL CONDUITS WITHIN 18" OF THE CENTER OF THE CEILING MOUNT.            POWER: REFER TO TELETOM MANUFACTURING SERVICE MODULE DRAWING FOR ELECTRICAL CIRCUIT COUNT. ALL ELECTRICAL CIRCUITS SHALL BE CONNECTED TO TELETOM OUTLET BOX.            - THE CONTRACTOR / ELECTRICIAN TO HARDWIRE STRYKER ELECTRICAL WHIP DURING STRYKER INSTALLATION.            PLUMBING: INSTALL VALVE BRIDGE TO TOP OF PRE-INSTALL PLATE. ALL GAS LINES MUST BE TERMINATED WITH STRYKER SUPPLIED GAS RISERS BY CUSTOMER/MEDGAS INSTALLER.            - ALL FINAL DISS CONNECTIONS TO BE MADE BY CUSTOMER/MEDGAS INSTALLER AFTER STRYKER INSTALLATION.            ACCESS PANEL: ONE (1) 24" X 24" ACCESS PANEL ADJACENT TO SUSPENSION. ON THE OUTLET BOX SIDE OF THE MOUNTING PLATE.            STRUCTURAL: TELETOM PRE-INSTALL PLATE SHALL BE INSTALLED BY CUSTOMER/CONTRACTOR AT 2.5-INCH, ± .125-INCH ABOVE FINISHED CEILING PER CUSTOMER PROVIDED STRUCTURAL ENGINEER SPECS.            - A 22" SQUARE HOLE CENTERED ON STRYKER PRE-INSTALL PLATE IN THE FINISHED CEILING IS REQUIRED FOR INSTALLATION. A 23.5" SQUARE CEILING COVER CONCEALS HOLE AFTER SUSPENSION IS INSTALLED.</p>
<b>J</b>	<p><b>SWITCHPOINT INFINITY 3</b>            DIMENSIONS:            - MEDIA ROUTER: 20.6"W X 24"H X 17"D            - CONTROL SECTION: 12.5"W X 2.6"H X 17"D            - TOTAL SPACE REQUIRED: 27.5"W X 31"H X 29"D            DATA: ONE (1) ETHERNET CONNECTION            BACKBOX: ONE (1) 18"W X 18"H X 4"D (OR LARGER) JUNCTION BOX FLUSH MOUNTED.            - SET BOTTOM OF BOX 9" ABOVE FINISHED FLOOR.            NOTE: TERMINATE ALL INTEGRATION CONDUITS TO THIS JUNCTION BOX.</p>
<b>K</b>	<p><b>CHROMOPHARE SK ENCLOSURE (TUBE)</b>            CONDUIT: ROUTE BETWEEN WALL CONTROL PANEL AND LIGHT MOUNT.            POWER: ONE (1) - 20 AMP CIRCUIT (UP TO 3 LIGHTS ONE CIRCUIT)            - WIRING SHOULD BE 3 WIRE, 12AWG MIN., AND 600V AND SHOULD FALL A MINIMUM OF 18-INCHES BELOW THE CEILING AT THE MOUNTING RING.            - WIRING SHOULD BE RUN THROUGH FLEXIBLE CONDUIT</p>
<b>L</b>	<p><b>CHROMOPHARE WALL CONTROL PANEL</b>            CONDUIT: ROUTE TO SK BOX (ELECTRONICS).            BACK BOX: ONE (1) STANDARD 4X4 JUNCTION BOX.            POWER: NONE</p>



1410 LAKESIDE PARKWAY, SUITE 100  
 FLOWER MOUND, TEXAS 75028  
 PHONE: (877) 789-8106  
 FAX: (972) 410-7001  
 www.stryker.com

REV:	DATE:	DRAWING #:	IR	DRAFTER	IR
1	15/JAN/16	OR-20161-1383_1		EMONTGOMERY	
		REFERENCE #:			
		CSR20161-2247			

**DISCLAIMER**  
 THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF STRYKER. NEITHER THIS DOCUMENT NOR THE INFORMATION HEREIN MAY BE REPRODUCED, USED, OR DISCLOSED TO OR FOR THE BENEFIT OF ANY THIRD PARTY WITHOUT THE PRIOR WRITTEN CONSENT OF STRYKER.

**PRE-INSTALL NOTES**

PORTLAND VA HOSPITAL  
 HYBRID OR  
 PORTLAND, OR

REP: TIM PAYNE  
 PM: DENNIS MARSHALL

SHEET:  
**P-1**