ADDENDUM 002

project	Intermountain Alta View Hospital Acute Rehab Unit	**project no**	19740.00
date	2021-01-18	**no. pages**	
owner	Intermountain Medical Group Support		
contractor			
bid date	2021-01-26	**bid time**	4:00 pm

This Addendum shall be considered part of the Contract Documents and Project Manual for the above mentioned project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Contract Documents and Project Manual, the Addendum shall govern and take precedence.

general

2.1 **RFI / QUESTIONS FROM BIDDERS:**

1. Door hardware spec calls for Stanley Magic Force Operators, however Besam operators are used at other locations throughout AVH. Will Besam be an acceptable alternate for this project.

RESPONSE: **Yes. Per the Owner's request, please use Besam operators instead of Stanley operators.**

2.2 **RFI / QUESTIONS FROM BIDDERS:**

1. Are ceiling mounted patient lifts being considered for the Alta View Hospital Medical Rehab remodel project in Sandy, UT?

RESPONSE: **Patient Lifts Vendor's Drawings are included in this Addendum. PROVIDE structural support above the ceiling in Patient rooms 1, 2, 3, 4, & 6, as required in these drawings.**

2.3 **RFI / QUESTIONS FROM BIDDERS:**

1. The EIFS specification has called out the Dryvit Reflectit Finish as an alternative to metal panels at the new entry. In our experience, this is a very labor intensive and costly premium finish. It is labor intensive because it requires sanding two base coats smooth, then it will require two finish coats of the Reflectit finish. Does the Architect really want this premium finish or would it be more economical (seeing as this is an alternate) to go with standard EIFS finishes?

RESPONSE: **Dryvit Reflectit Finish is required for this project, as part of Alternate 1. Standard EIFS is not acceptable.**

2.4 **RFI / QUESTIONS FROM BIDDERS:**

1. Can you confirm whether the 2-line rails @ the ADA Ramp and Stairs are stainless or galvanized? Keynote 3212.0 says Galvanized, but details B5 and C5 on sheet A202 say

Stainless.

RESPONSE: **PROVIDE 1 1/2" O.D. galvanized steel handrail, painted along the new ramp and the existing stair.**

End of Addendum 002

GENERAL SERVICE TERMS AND CONDITIONS

1. **Scope;** Entire Agreement. These General Service Terms and Conditions are applicable to products, equipment, or software ("Covered Goods") covered under one of the following service programs offered by Hill-Rom, Inc. or its affiliate Welch Allyn, Inc. (each, a "Service Provider"): SmartCare™ Service Programs, Partners in CareSM Service Programs, Software and any other service programs described at https://www.hillrom.com/service-options or http://www.welchallyn.com/en/service-support/partners-in-care/support-services.html as the same may be updated from time to time (each, a "Service Program"). The descriptions of the applicable Service Program and these General Service Terms and Conditions constitute the entire agreement between Service Provider and Customer ("Agreement"). The Agreement supersedes any other oral or written agreement between Service Provider and Customer with respect to a Service Program and may only be modified in a writing signed by both parties. The Agreement will prevail over any conflicting terms in Customer's purchase order.

2. Effective Date. The effective date of the Agreement is: (i) for Service Programs sold by an authorized distributor, the date Customer activates the Agreement by calling the activation line at 866-422-2220, option 2, or by visiting the activation site at www.welchallyn.com/en/service-support/partners-in-care-contract-activation.html; or (ii) for Service Programs sold directly by Service Provider, unless otherwise provided on the SmartCare Service Agreement or in the quote or proposal, the date of receipt of Customer's purchase order or payment.

3. Exclusions. The Service Programs do not cover damage to Covered Goods caused by, in whole or in part, the following as determined by Service Provider in its sole discretion: (i) modification by anyone other than Service Provider; (ii) misuse or improper use; (iii) natural disasters or extreme weather; or (iv) use of non-Service Provider accessories, replacement parts, and/or third-party software not authorized in writing by Service Provider.

4. Non-Hillrom Products. Under SmartCare Service Programs, Service Provider will provide requested repair services for non-Hill-Rom-branded products, with the exception of non-Hill-Rom-branded operating room tables, lights, and equipment management systems. Customer is responsible at its sole expense to provide all parts to complete the repairs and to provide applicable service manuals unless otherwise agreed to by Service Provider. Service Provider will not be liable if Customer's request for or Service Provider's provision of repair services on non-Hill-Rom-branded products voids the warranty or service agreement of any third party.

5. Term and Renewal. The initial term of the Service Program is set forth on the SmartCare Service Agreement or on the quote, proposal, or invoice. Service Provider may, in its sole discretion, elect torenew the Service Program by sending Customer a renewal invoice at the then-current list price unless otherwise agreed to in writing. The Service Program will expire if Customer fails to pay the renewal invoice when due. A renewal term may be of lesser duration than the initial or any previous renewal term in the event Service Provider deems Covered Goods "end-of-life" subject to a limited period of continuing support.

6. Payment Terms. Unless otherwise provided in the quote or proposal, the fee for the Service Program may be paid in its entirety in advance of the first 12-month period of the initial or any renewal term, or in annual installments in advance of each 12-month period of the initial or any renewal term, and is not refundable except as expressly provided herein. The fee does not include any applicable sales, use or other taxes payable by Customer. Payment is due net 30 days from invoice date. Unless waived by Service Provider in writing, overdue invoices shall be subject to a late payment charge equal to the lesser of 1½% per month or the maximum rate allowed by law. Customer agrees to pay Service Provider for any and all costs and expenses (including, without limitation, reasonable attorneys' fees) incurred by Service Provider to collect any amounts owed to it. Customer may be obligated to properly reflect and/or report any discount, rebate or reduction in price in its costs claimed or charges made to federal (e.g., Medicare) or state (e.g., Medicaid) health care programs requiring such disclosure, and Service Provider's invoices may not reflect Customer's net cost. Customer may make written request for additional information from Service Provider for purposes of meeting applicable reporting or disclosure obligations.

7. Suspension of Performance. If Customer fails to pay timely, Service Provider reserves the right to suspend services upon 5 days' written notice unless: (i) Service Provider receives full payment, (ii) the parties agree to alternative payment arrangements in writing, or (iii) Customer notifies Service Provider in writing that it disputes the outstanding balance.

8. Non-Solicitation. During the term of the Service Program and for a period of 12 months following its expiration or earlier termination, Customer agrees that it will not directly or indirectly: (i) induce any individual who has provided services to Customer on behalf of Service Provider within the 6-month period immediately preceding the expiration or earlier termination of the Service Program to terminate his/her relationship with Service Provider; or (ii) assist, coordinate or otherwise offer employment to, employ, or retain as an independent contractor any individual who was employed by Service Provider at any time during the 6-month period immediately preceding the offer, employment, or retention without first paying to Service Provider a finder's fee equal to ½ of the annual fee for the Service Program.

9. Warranty. Service Provider warrants that it will perform services in a reasonably timely, professional, and workmanlike manner using trained and qualified personnel capable of performing services in accordance with industry standards. Service Provider's exclusive obligation and Customer's exclusive remedy for breach of the foregoing warranty is re-performance of defective services. THE FOREGOING WARRANTY CONSTITUTES THE SOLE WARRANTY MADE BY SERVICE PROVIDER AND IS IN LIEU OF ALL OTHER REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER REMEDIES. NO EMPLOYEE OR REPRESENTATIVE OF SERVICE PROVIDER IS AUTHORIZED TO MODIFY THIS WARRANTY IN ANY WAY OR GRANT ANY OTHER WARRANTY. Warranty information on replacement parts is available at https://direct.hillrom.com.

10. Limitation of Liability. Service Provider will not be liable for loss or damages because of delays or nonperformance resulting from any cause beyond Service Provider's reasonable foresight or control. Any delays will extend Service Provider's period of performance under the Service Program. IN NO EVENT WILL SERVICE PROVIDER BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR INDIRECT DAMAGES, INCLUDING, WITHOUT LIMITATION, LOSS OF PROFITS (WHETHER DIRECT OR INDIRECT), LOSS OF GOODWILL, OR LOSS OF DATA, OR ANY EXEMPLARY OR PUNITIVE DAMAGES. IN NO EVENT WILL SERVICE PROVIDER BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR DIRECT DAMAGES IN AN AMOUNT GREATER THAN THE FEE FOR THE SERVICE PROGRAM PAYABLE BY CUSTOMER FOR THE 12-MONTH PERIOD IN WHICH THE EVENT GIVING RISE TO SUCH DAMAGES OCCURRED.

11. General. Service Provider and Customer shall comply at all times with applicable federal and state laws and regulations. Customer may assign the Agreement upon notice to Service Provider. The Agreement will be governed by and construed under the laws of the State of Illinois without reference to its conflicts of law principles. A printed version of these General Service Terms and Conditions and the description of the Service Program will be admissible in judicial or administrative proceedings to the same extent and subject to the same conditions as other business documents and records originally generated and maintained in printed form.

184601 rev 4 15-SEP-2018 ENG-US

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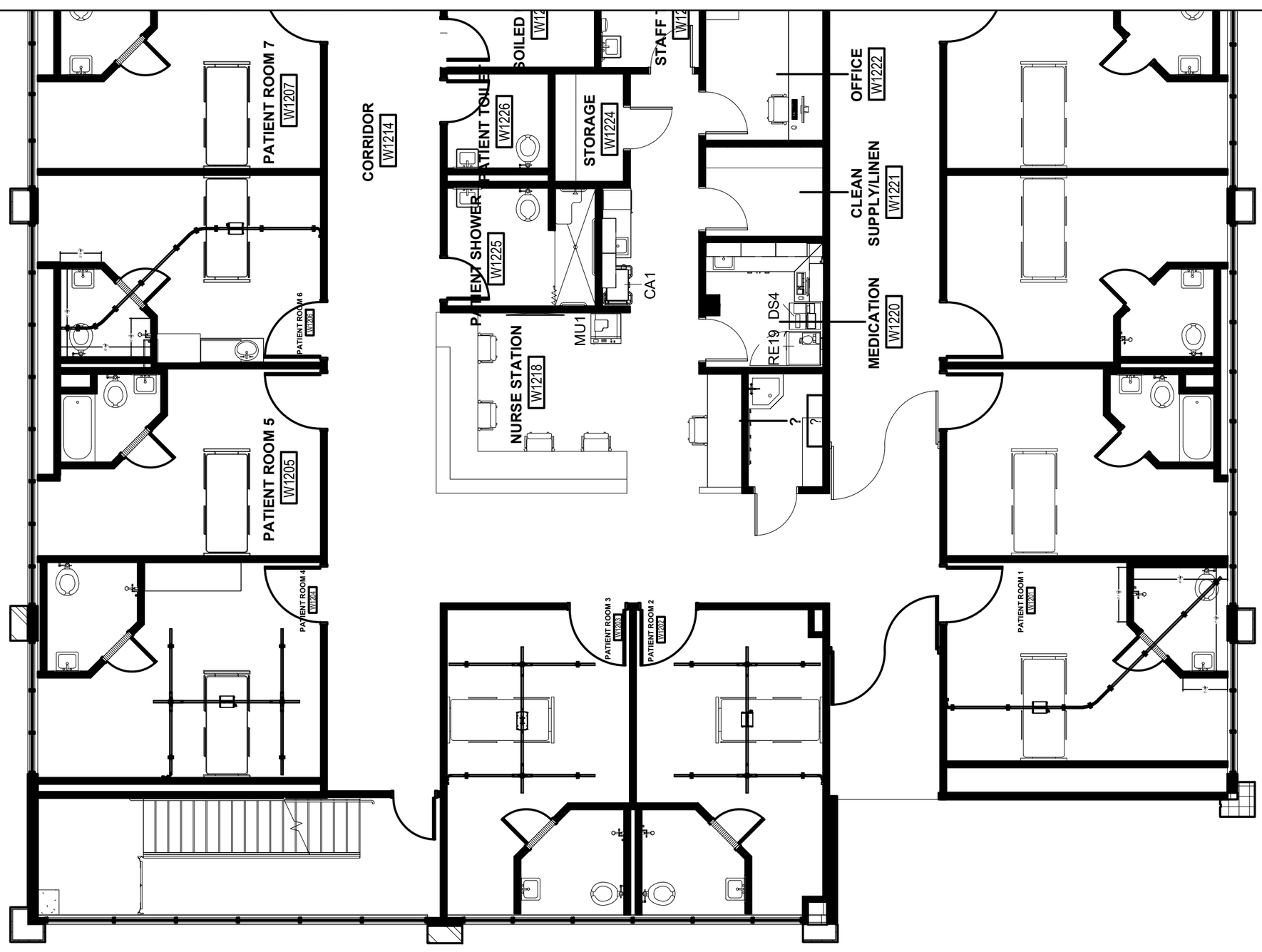

Overall Patient Lift Systems

(Scale 1/8" = 1')

PRELIMINARY
VENDOR DRAWING

***SEE NOTES PAGE FOR IMPORTANT INSTALLATION AND COORDINATION DETAILS**

REVISIONS	Version	Revision Description	Date	Initials
	1			
	2			
	3			
	4			
	5			
	6			
	7			

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ALTA VIEW HOSPITAL
SANDY, UT

REHAB AND LDRP PROJECT

Liko

LIKO OVERHEAD LIFT PROJECT
CEILING MOUNTED
IN RAIL CHARGING APPLICATIONS

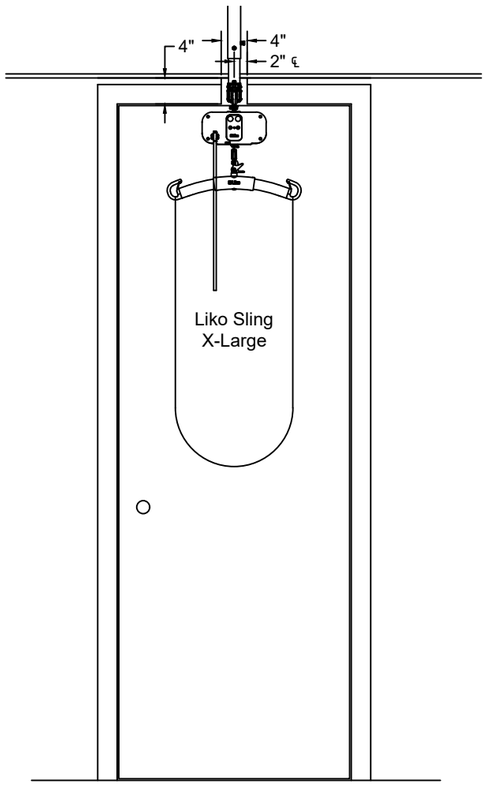
DRAWN BY: *Amber Nobbe*

DATE: 11/24/20

SCALE: As Noted

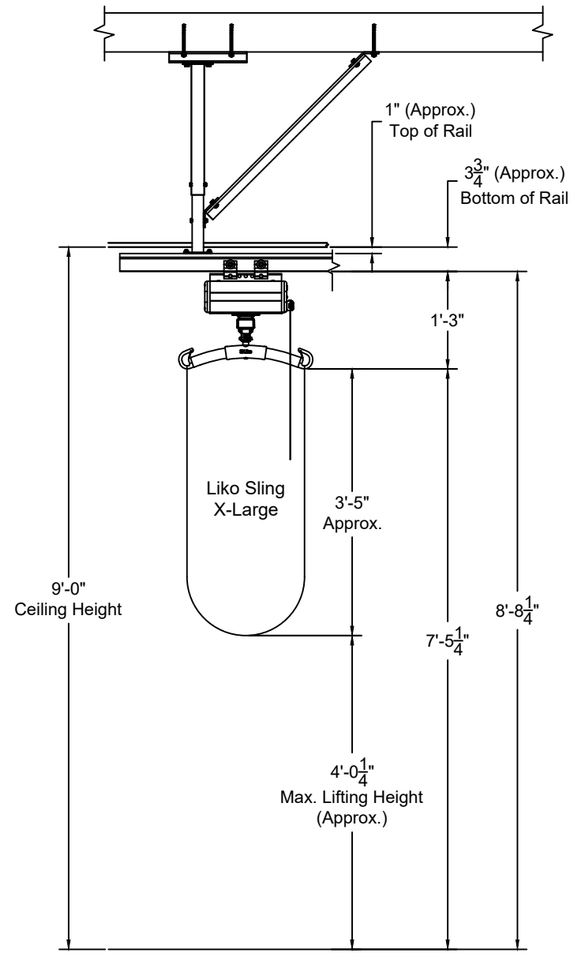
SHEET 1 OF 10

PROJECT # LQ-600162-03



Suggested Door Detail

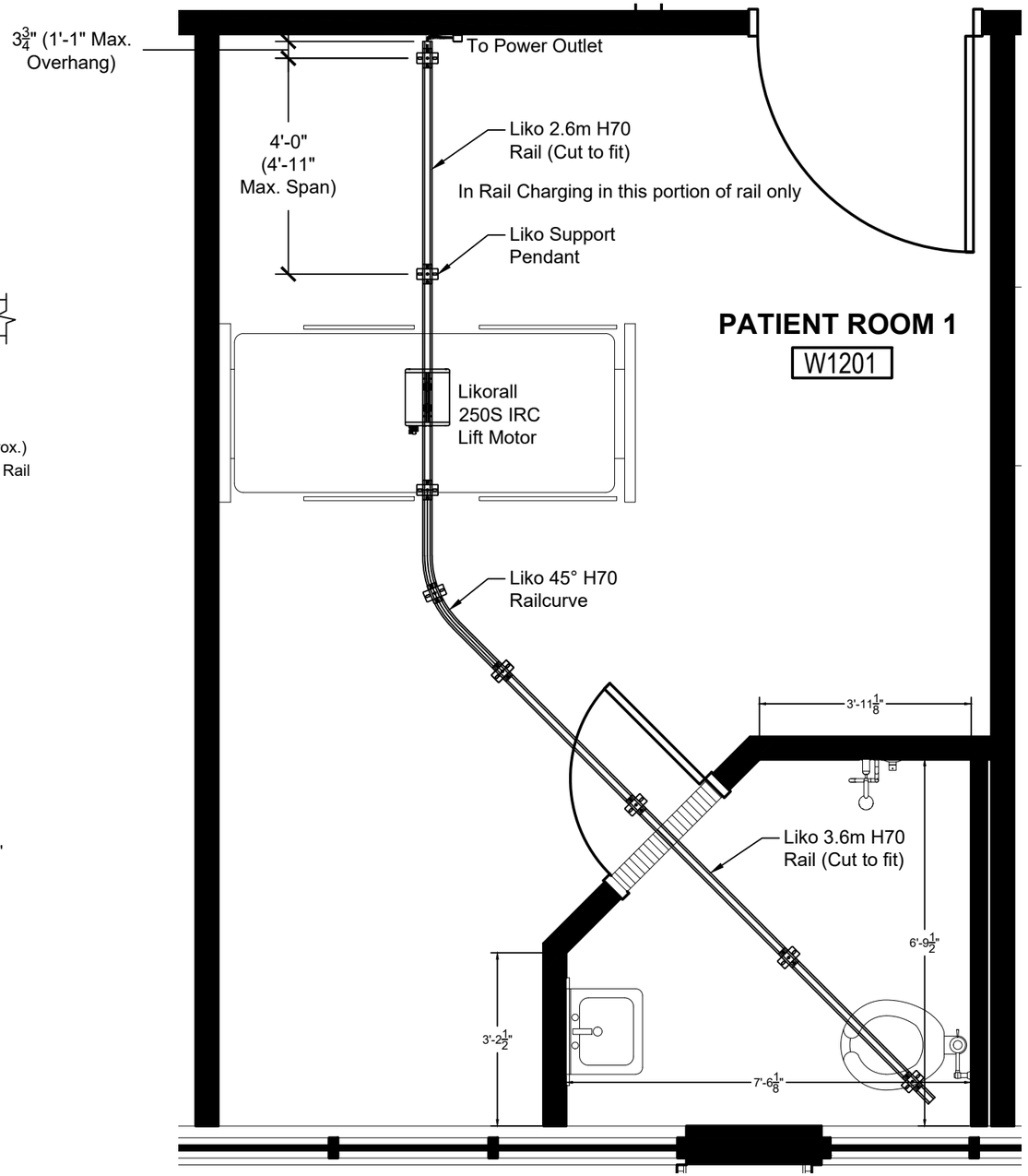
(Scale 1/2" = 1')



Elevation Detail

*Please review lifting height to insure it is adequate for each lifting location

(Scale 1/2" = 1')



Patient Lift System Layout

Patient Room 1

(Scale 3/8" = 1')

***SEE NOTES PAGE FOR IMPORTANT INSTALLATION AND COORDINATION DETAILS**

PRELIMINARY
VENDOR DRAWING

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ALTA VIEW HOSPITAL
SANDY, UT

REHAB AND LDRP PROJECT

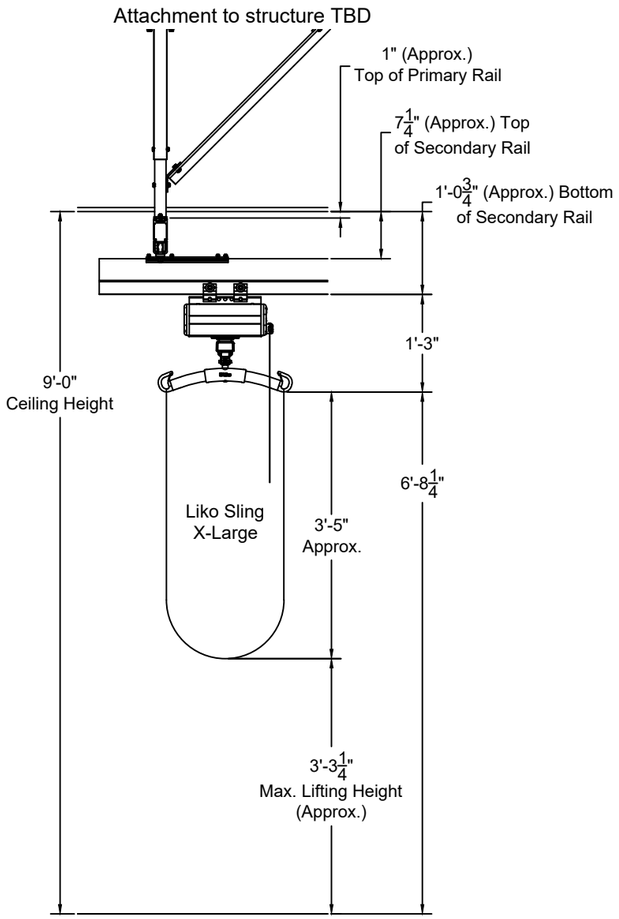
Liko

LIKO OVERHEAD LIFT PROJECT
CEILING MOUNTED
IN RAIL CHARGING APPLICATIONS
550 LBS MAX LIFTING CAPACITY

DRAWN BY: *Amber Nobbe* | DATE: 11/24/20 | SCALE: As Noted | SHEET 2 OF 10

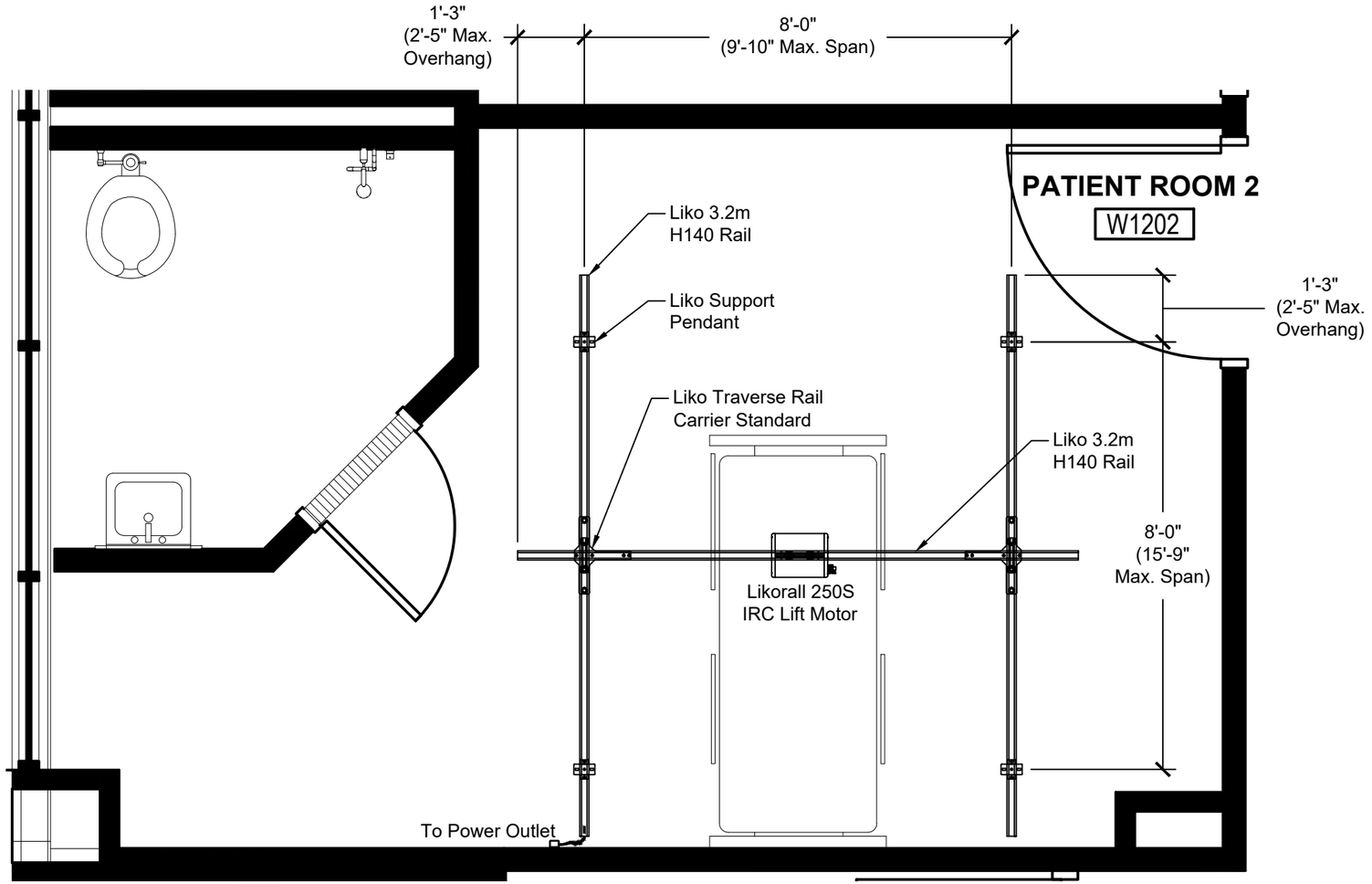
THIS DRAWING IS NOT TO BE USED AS A CONSTRUCTION DRAWING, UNLESS NOTED AS SUCH. ACCURACY OF THIS DRAWING IS BASED UPON INFORMATION PROVIDED TO HILLROM. OPTIMAL ARRANGEMENT TO BE DETERMINED AT TIME OF INSTALLATION.

PROJECT # LQ-600162-03



Elevation Detail

*Please review lifting height to insure it is adequate for each lifting location
(Scale 1/2" = 1')



Patient Lift System Layout

Patient Room 2 Shown; Patient Room 4 Similar
(Scale 3/8" = 1')

***SEE NOTES PAGE FOR IMPORTANT INSTALLATION AND COORDINATION DETAILS**

PRELIMINARY
VENDOR DRAWING

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ALTA VIEW HOSPITAL
SANDY, UT

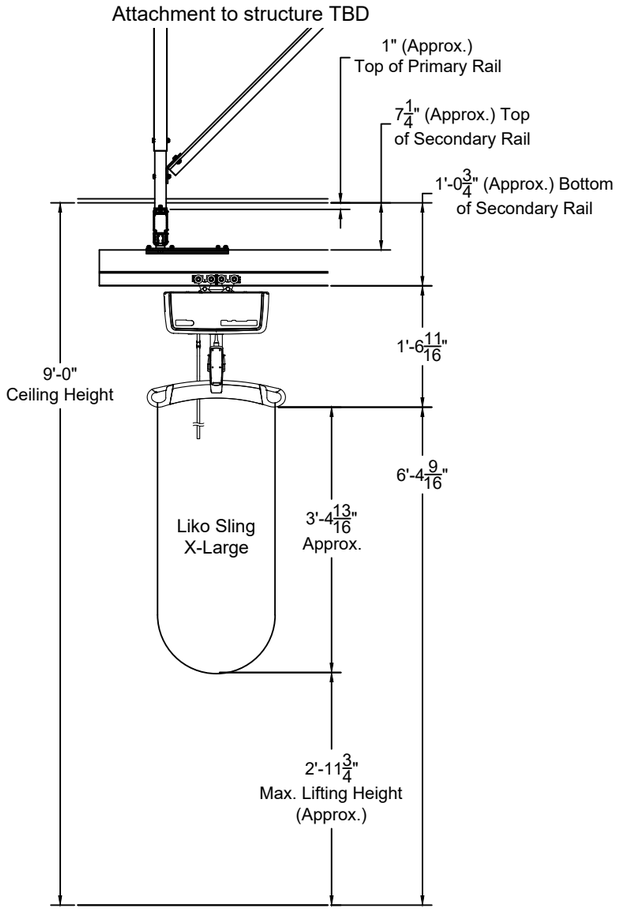
REHAB AND LDRP PROJECT

Liko

LIKO OVERHEAD LIFT PROJECT
CEILING MOUNTED
IN RAIL CHARGING APPLICATIONS
550 LBS MAX LIFTING CAPACITY

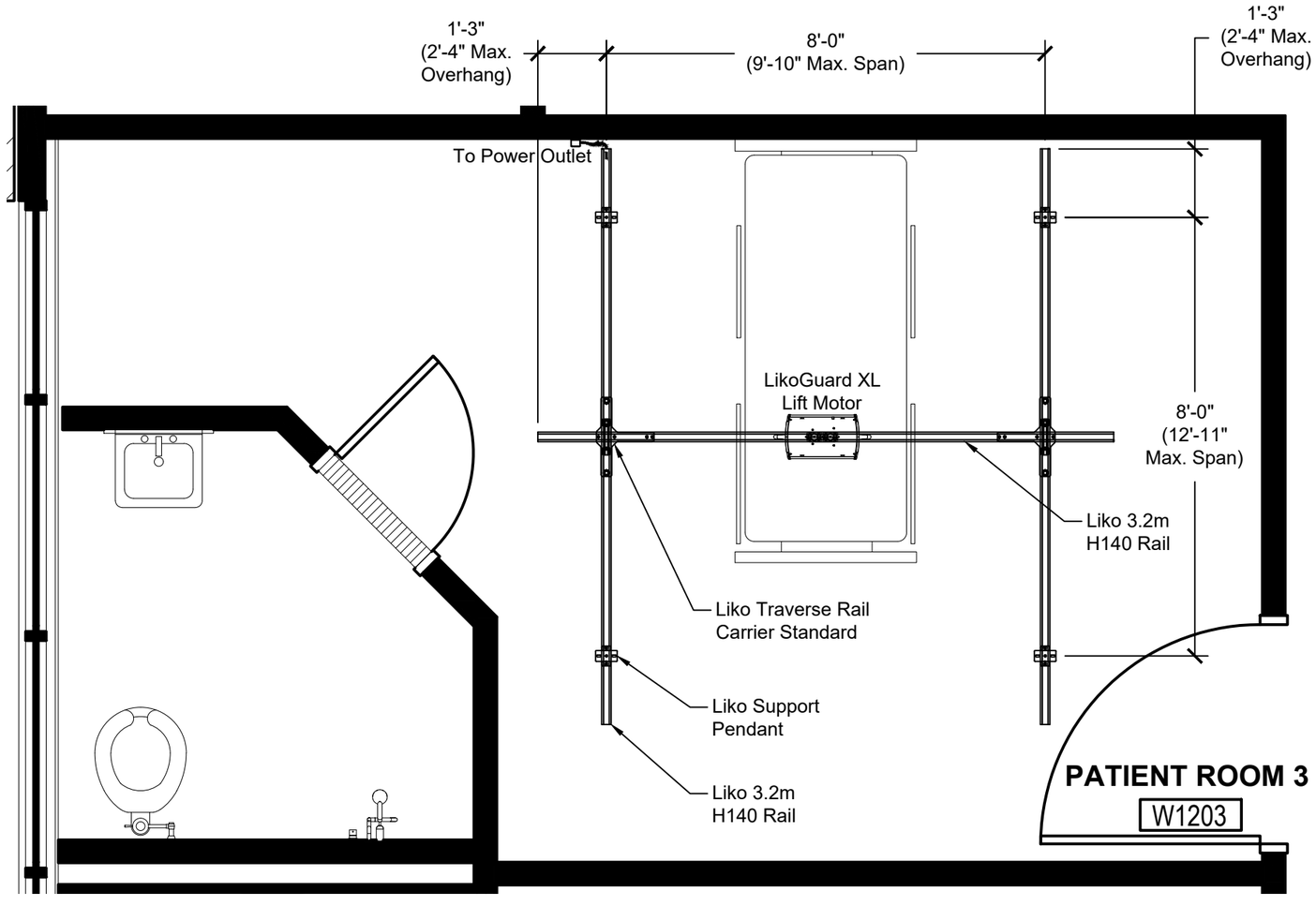
DRAWN BY: *Amber Nobbe* | DATE: 11/24/20 | SCALE: As Noted | SHEET 3 OF 10

PROJECT # LQ-600162-03



Elevation Detail

*Please review lifting height to insure it is adequate for each lifting location
(Scale 1/2" = 1')



Patient Lift System Layout

Patient Room 3
(Scale 3/8" = 1')

PRELIMINARY
VENDOR DRAWING

***SEE NOTES PAGE FOR IMPORTANT INSTALLATION AND COORDINATION DETAILS**

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SANDY, UT

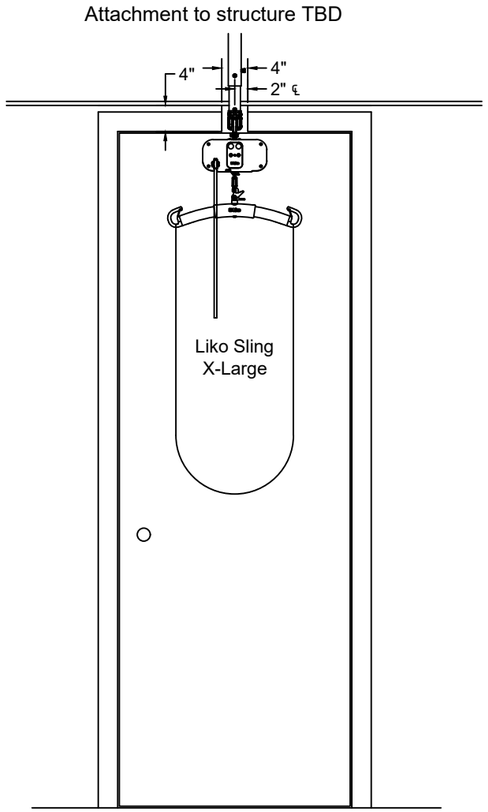
REHAB AND LDRP PROJECT

Liko

LIKO OVERHEAD LIFT PROJECT
CEILING MOUNTED
IN RAIL CHARGING APPLICATIONS
800 LBS MAX LIFTING CAPACITY

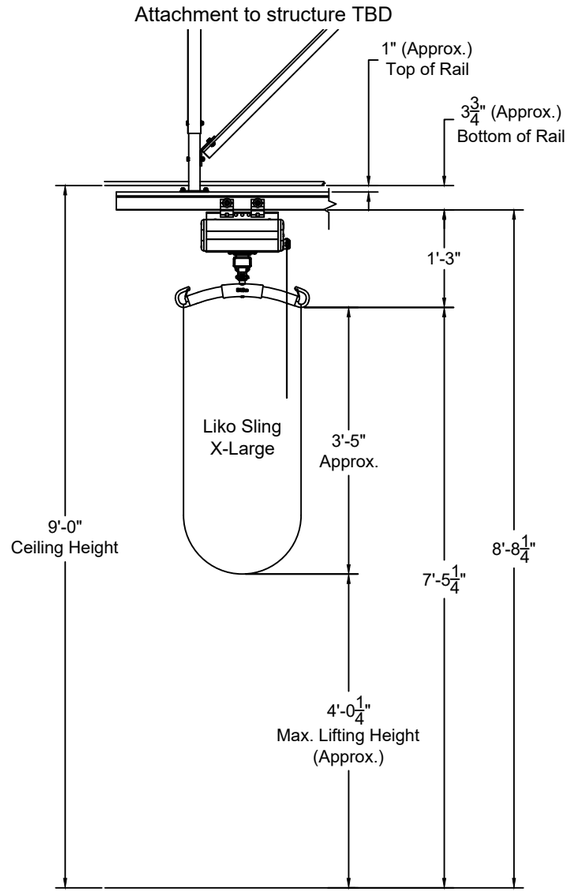
DRAWN BY: *Amber Nobbe* | DATE: 11/24/20 | SCALE: As Noted | SHEET 4 OF 10

PROJECT # LQ-600162-03



Suggested Door Detail

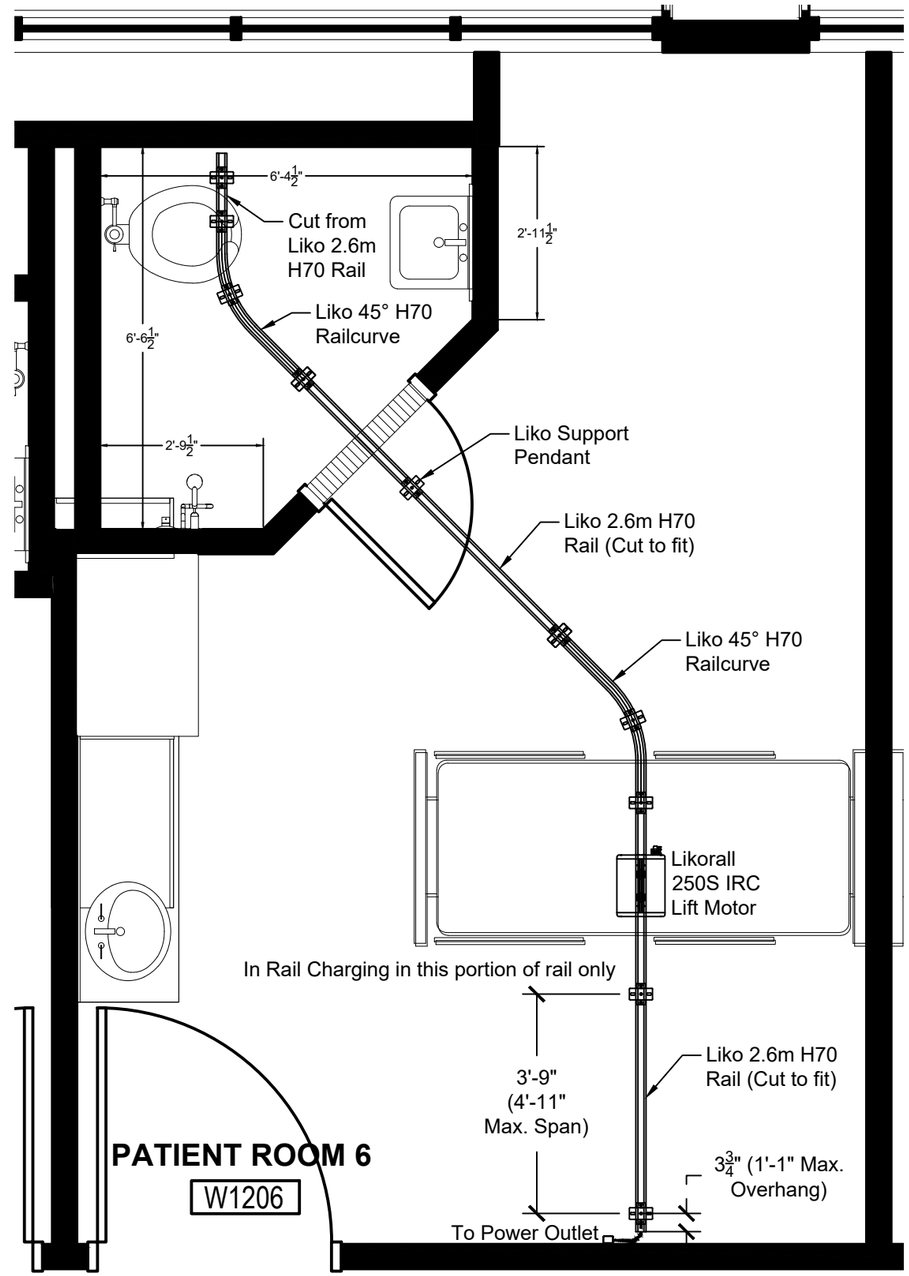
(Scale 1/2" = 1')



Elevation Detail

*Please review lifting height to insure it is adequate for each lifting location

(Scale 1/2" = 1')



Patient Lift System Layout

Patient Room 6

(Scale 3/8" = 1')

PRELIMINARY
VENDOR DRAWING

***SEE NOTES PAGE FOR IMPORTANT INSTALLATION AND COORDINATION DETAILS**

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SANDY, UT

REHAB AND LDRP PROJECT

Liko

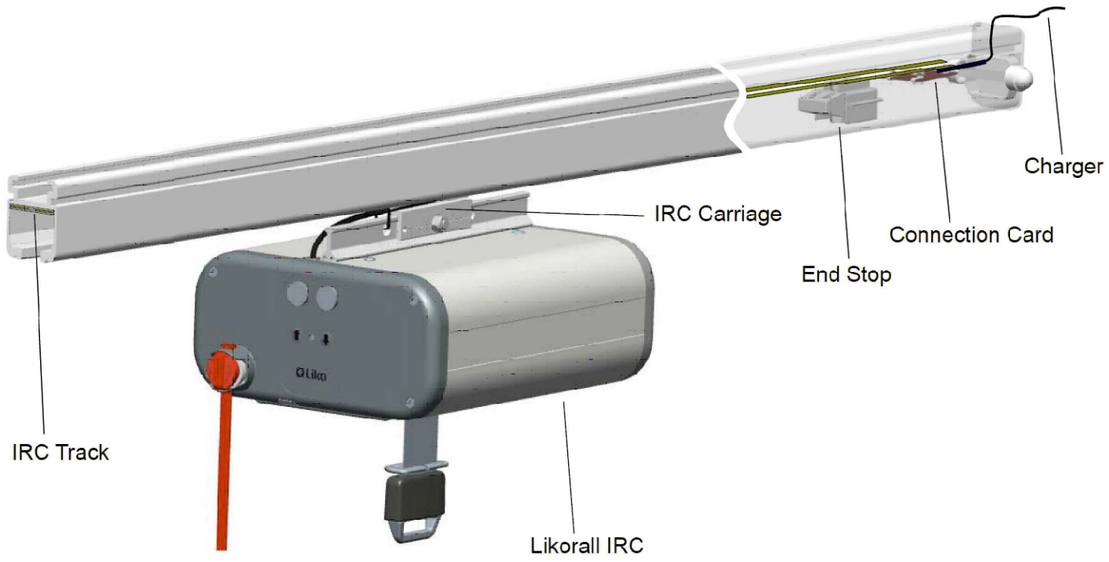
LIKO OVERHEAD LIFT PROJECT
CEILING MOUNTED
IN RAIL CHARGING APPLICATIONS
550 LBS MAX LIFTING CAPACITY

DRAWN BY: *Amber Nobbe* | DATE: 11/24/20 | SCALE: As Noted | SHEET 5 OF 10

PROJECT # LQ-600162-03

Liko Continuous IN-Rail Charging (IRC) Details

GENERAL INFORMATION



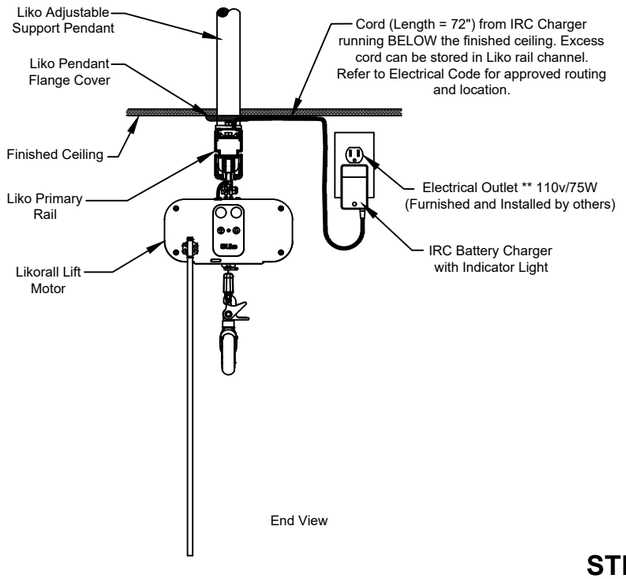
TYPICAL DETAIL - IN-RAIL CHARGING (IRC)

PATIENT LIFT WITH SINGLE LIFT MOTOR - ISO VIEW

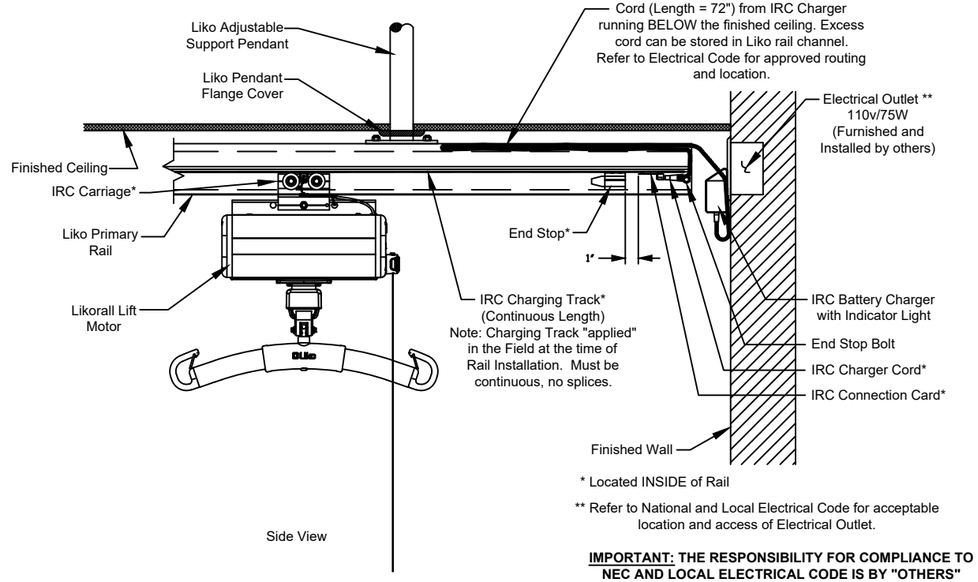
NOTE: FOR CLARITY, THE PRIMARY RAILS ARE NOT SHOWN AS "RECESSED" INTO FINISHED CEILING

IMPORTANT NOTES:

1. REFER TO LIKO INSTALLATION INSTRUCTIONS FOR IN-RAIL CHARGING SETUP AND INSTALLATION..
2. MUST BE INSTALLED BY A LIKO-CERTIFIED INSTALLER.
3. IN-RAIL CHARGING (IRC) TRACK/TAPE (part #3126150) IS APPLIED USING THE IRC APPLICATION TOOL (part #3126160). MUST BE CONTINUOUS, NO SPLICES.
4. A STANDARD 110V ELECTRICAL RECEPTACLE IS REQUIRED NEAR THE PRIMARY RAIL(S) IN ORDER TO POWER THE BATTERY CHARGER(S) FOR THE PATIENT LIFT MOTOR(S).
5. FOR STANDARD PATIENT LIFT CHARGING, THERE WILL BE (1) LIFT MOTOR and (1) BATTERY CHARGER REQUIRED. ONE PRIMARY RAIL (and ONE TRAVERSE RAIL - if applicable) WILL HAVE CHARGING TRACK APPLIED, WITH AN INDEPENDENT CONNECTION TO THE BATTERY CHARGER.
6. FOR BARIATRIC "ULTRATWIN" PATIENT LIFT CHARGING, THERE WILL BE (2) LIFT MOTORS and (2) BATTERY CHARGERS REQUIRED. EACH RAIL WILL HAVE CHARGING TRACK APPLIED, WITH A SEPARATE, INDEPENDENT CONNECTION TO EACH BATTERY CHARGER. NOTE: A SINGLE DUPLEX RECEPTACLE CAN BE USED TO CONNECT TWO (2) IRC BATTERY CHARGERS IF NEEDED.
7. THE IRC CHARGER TO BE INSTALLED AND CORD RAN BELOW THE FINISHED CEILING. CORD LENGTH IS 72", AND EXCESS CAN BE STORED IN LIKO RAIL CHANNEL. REFER TO ELECTRICAL CODE FOR APPROVED LOCATION AND ROUTING.
8. ELECTRICAL RECEPTACLES, ALONG WITH THE IRC CHARGER'S TRANSFORMER, FLEXIBLE CORDS & CABLES SHOULD BE INSTALLED BELOW FINISHED CEILING UNLESS INSTALLATION ABOVE CEILING IS PERMITTED BY THE NATIONAL ELECTRICAL CODE (NEC), AND/OR STATE AND LOCAL ELECTRICAL CODE. COMPLIANCE TO THE ELECTRICAL CODES, INCLUDING LABOR AND MATERIALS REQUIRED, IS THE RESPONSIBILITY OF "OTHERS" - NOT HILLROM.
9. **IMPORTANT: THE RESPONSIBILITY FOR COMPLIANCE TO N.E.C. AND LOCAL ELECTRICAL CODE IS BY "OTHERS".**
10. ANY NEW ELECTRICAL RECEPTACLES / ELECTRICAL ENGINEERING BY "OTHERS".
11. ANY WIREMOLD COVERINGS FURNISHED AND INSTALLED BY "OTHERS".



End View



Side View

* Located INSIDE of Rail

** Refer to National and Local Electrical Code for acceptable location and access of Electrical Outlet.

IMPORTANT: THE RESPONSIBILITY FOR COMPLIANCE TO NEC AND LOCAL ELECTRICAL CODE IS BY "OTHERS"

STRAIGHT RAIL SYSTEM

CEILING MOUNTED

PRELIMINARY
VENDOR DRAWING

* **SEE NOTES PAGE FOR ADDITIONAL IMPORTANT INSTALLATION AND COORDINATION DETAILS**

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ALTA VIEW HOSPITAL
SANDY, UT

REHAB AND LDRP PROJECT

Liko

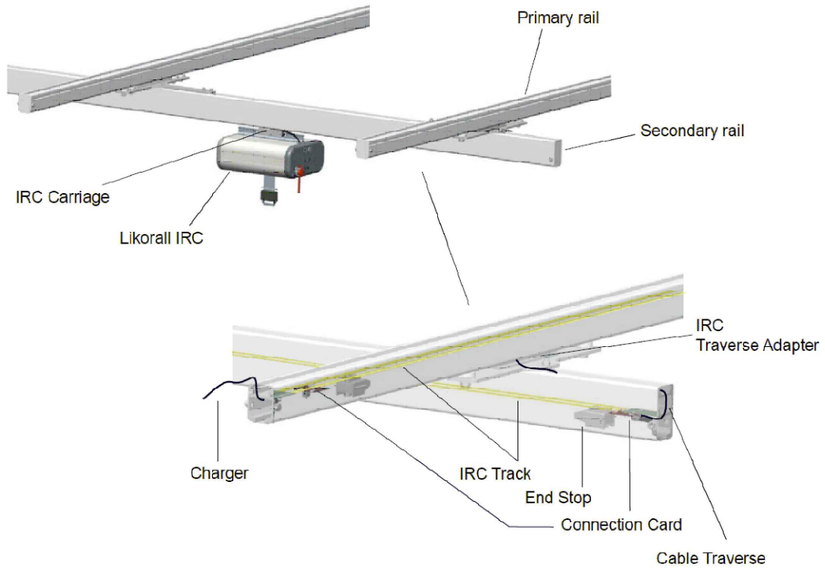
LIKO OVERHEAD LIFT PROJECT
CEILING MOUNTED
IN RAIL CHARGING APPLICATIONS
550 LBS MAX LIFTING CAPACITY

DRAWN BY: *Amber Nobbe* | DATE: 11/24/20 | SCALE: As Noted | SHEET 6 OF 10

PROJECT # LQ-600162-03

Liko Continuous IN-Rail Charging (IRC) Details

GENERAL INFORMATION



TYPICAL DETAIL - IN-RAIL CHARGING (IRC)

PATIENT LIFT WITH SINGLE LIFT MOTOR - ISO VIEW

NOTE: FOR CLARITY, THE PRIMARY RAILS ARE NOT SHOWN AS "RECESSED" INTO FINISHED CEILING

IMPORTANT NOTES:

1. REFER TO LIKO INSTALLATION INSTRUCTIONS FOR IN-RAIL CHARGING SETUP AND INSTALLATION..
2. MUST BE INSTALLED BY A LIKO-CERTIFIED INSTALLER.
3. IN-RAIL CHARGING (IRC) TRACK/TAPE (part #3126150) IS APPLIED USING THE IRC APPLICATION TOOL (part #3126160). MUST BE CONTINUOUS, NO SPLICES.
4. A STANDARD 110V ELECTRICAL RECEPTACLE IS REQUIRED NEAR THE PRIMARY RAIL(S) IN ORDER TO POWER THE BATTERY CHARGER(S) FOR THE PATIENT LIFT MOTOR(S).
5. FOR STANDARD PATIENT LIFT CHARGING, THERE WILL BE (1) LIFT MOTOR and (1) BATTERY CHARGER REQUIRED. ONE PRIMARY RAIL (and ONE TRAVERSE RAIL - if applicable) WILL HAVE CHARGING TRACK APPLIED, WITH AN INDEPENDENT CONNECTION TO THE BATTERY CHARGER.
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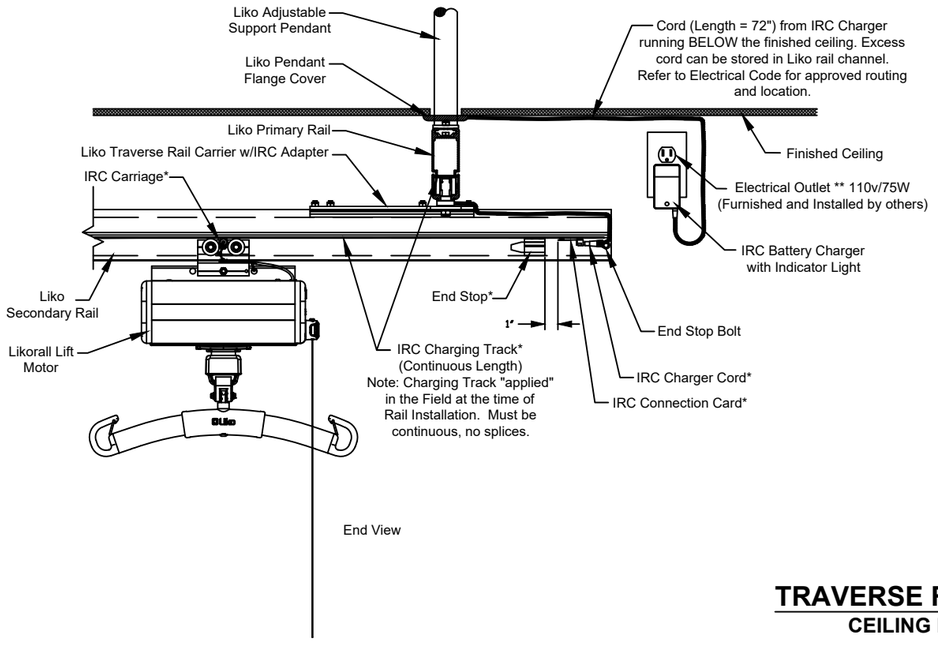

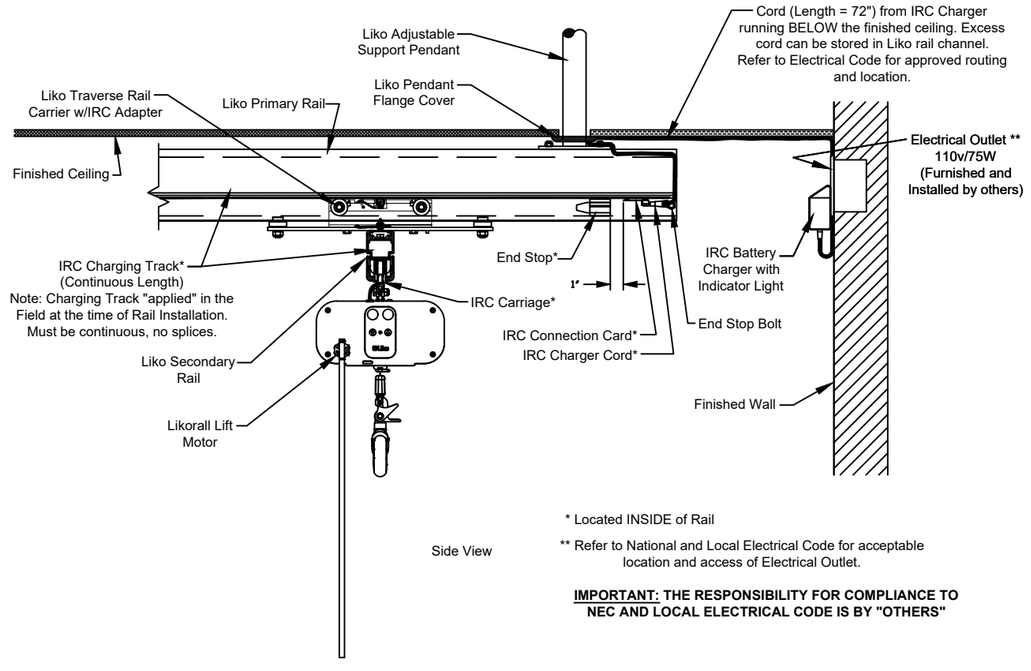

* Located INSIDE of Rail

** Refer to National and Local Electrical Code for acceptable location and access of Electrical Outlet.

IMPORTANT: THE RESPONSIBILITY FOR COMPLIANCE TO NEC AND LOCAL ELECTRICAL CODE IS BY "OTHERS"

TRAVERSE RAIL SYSTEM

CEILING MOUNTED

PRELIMINARY
VENDOR DRAWING

*** SEE NOTES PAGE FOR ADDITIONAL IMPORTANT INSTALLATION AND COORDINATION DETAILS**

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ALTA VIEW HOSPITAL
SANDY, UT

REHAB AND LDRP PROJECT

Liko

LIKO OVERHEAD LIFT PROJECT
CEILING MOUNTED
IN RAIL CHARGING APPLICATIONS
550 LBS MAX LIFTING CAPACITY

DRAWN BY: *Amber Nobbe* | DATE: 11/24/20 | SCALE: As Noted | SHEET 7 OF 10

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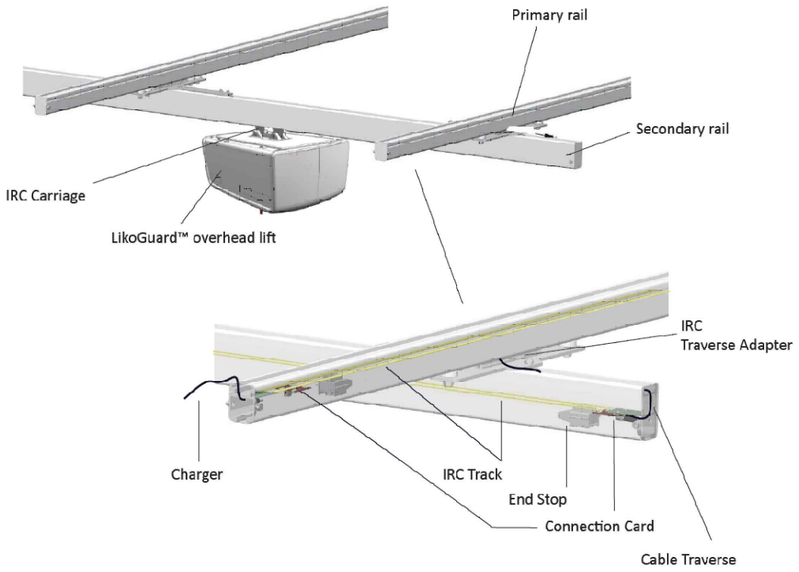
PROJECT # LQ-600162-03

Liko Continuous IN-Rail Charging (IRC) Details

GENERAL INFORMATION



TYPICAL DETAIL - IN-RAIL CHARGING (IRC)

PATIENT LIFT WITH SINGLE LIFT MOTOR - ISO VIEW

NOTE: FOR CLARITY, THE PRIMARY RAILS ARE NOT SHOWN AS "RECESSED" INTO FINISHED CEILING

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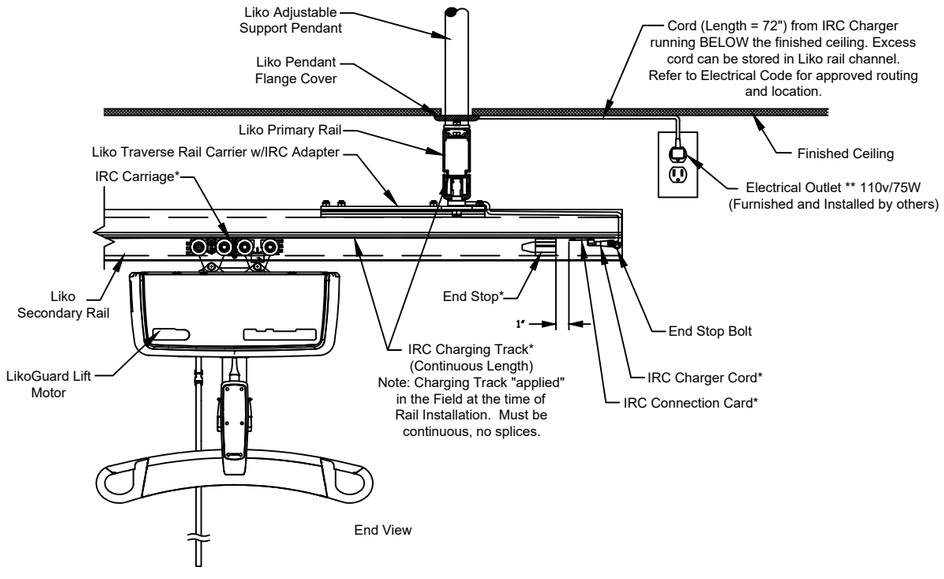
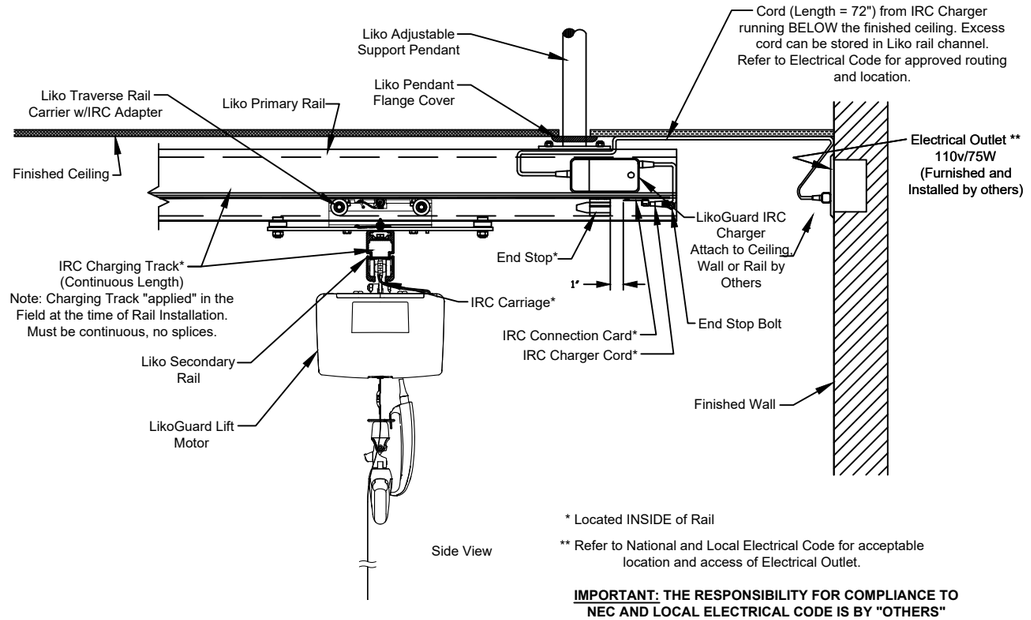
2. MUST BE INSTALLED BY A LIKO-CERTIFIED INSTALLER.
3. IN-RAIL CHARGING (IRC) TRACK/TAPE (part #3126150) IS APPLIED USING THE IRC APPLICATION TOOL (part #3126160). MUST BE CONTINUOUS, NO SPLICES.
4. A STANDARD 110V ELECTRICAL RECEPTACLE IS REQUIRED NEAR THE PRIMARY RAIL(S) IN ORDER TO POWER THE BATTERY CHARGER(S) FOR THE PATIENT LIFT MOTOR(S).
5. FOR STANDARD PATIENT LIFT CHARGING, THERE WILL BE (1) LIFT MOTOR and (1) BATTERY CHARGER REQUIRED. ONE PRIMARY RAIL (and ONE TRAVERSE RAIL - if applicable) WILL HAVE CHARGING TRACK APPLIED, WITH AN INDEPENDENT CONNECTION TO THE BATTERY CHARGER.
6. FOR BARIATRIC "ULTRATWIN" PATIENT LIFT CHARGING, THERE WILL BE (2) LIFT MOTORS and (2) BATTERY CHARGERS REQUIRED. EACH RAIL WILL HAVE CHARGING TRACK APPLIED, WITH A SEPARATE, INDEPENDENT CONNECTION TO EACH BATTERY CHARGER. NOTE: A SINGLE DUPLEX RECEPTACLE CAN BE USED TO CONNECT TWO (2) IRC BATTERY CHARGERS IF NEEDED.
7. THE IRC CHARGER TO BE INSTALLED AND CORD RAN BELOW THE FINISHED CEILING. CORD LENGTH IS 72", AND EXCESS CAN BE STORED IN LIKO RAIL CHANNEL. REFER TO ELECTRICAL CODE FOR APPROVED LOCATION AND ROUTING.
8. ELECTRICAL RECEPTACLES, ALONG WITH THE IRC CHARGER'S TRANSFORMER, FLEXIBLE CORDS & CABLES SHOULD BE INSTALLED BELOW FINISHED CEILING UNLESS INSTALLATION ABOVE CEILING IS PERMITTED BY THE NATIONAL ELECTRICAL CODE (NEC), AND/OR STATE AND LOCAL ELECTRICAL CODE. COMPLIANCE TO THE ELECTRICAL CODES, INCLUDING LABOR AND MATERIALS REQUIRED, IS THE RESPONSIBILITY OF "OTHERS" - NOT HILLROM.
9. **IMPORTANT: THE RESPONSIBILITY FOR COMPLIANCE TO N.E.C. AND LOCAL ELECTRICAL CODE IS BY "OTHERS".**
10. ANY NEW ELECTRICAL RECEPTACLES / ELECTRICAL ENGINEERING BY "OTHERS".
11. ANY WIREMOLD COVERINGS FURNISHED AND INSTALLED BY "OTHERS".





* Located INSIDE of Rail

** Refer to National and Local Electrical Code for acceptable location and access of Electrical Outlet.

IMPORTANT: THE RESPONSIBILITY FOR COMPLIANCE TO NEC AND LOCAL ELECTRICAL CODE IS BY "OTHERS"

TRAVERSE RAIL SYSTEM

CEILING MOUNTED

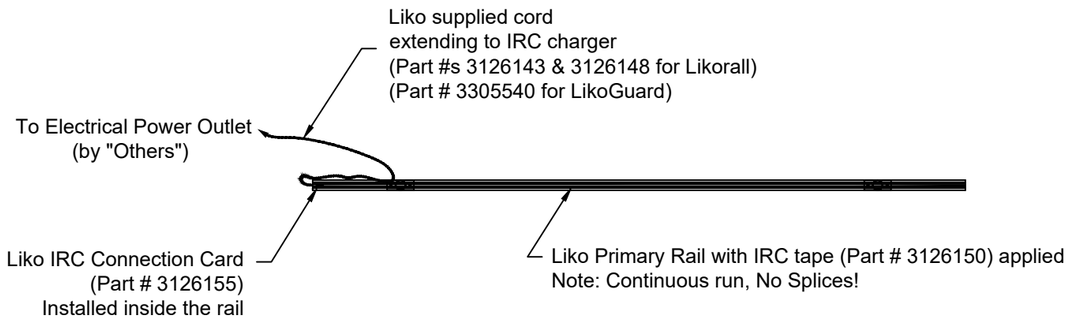
PRELIMINARY
VENDOR DRAWING

* **SEE NOTES PAGE FOR ADDITIONAL IMPORTANT INSTALLATION AND COORDINATION DETAILS**

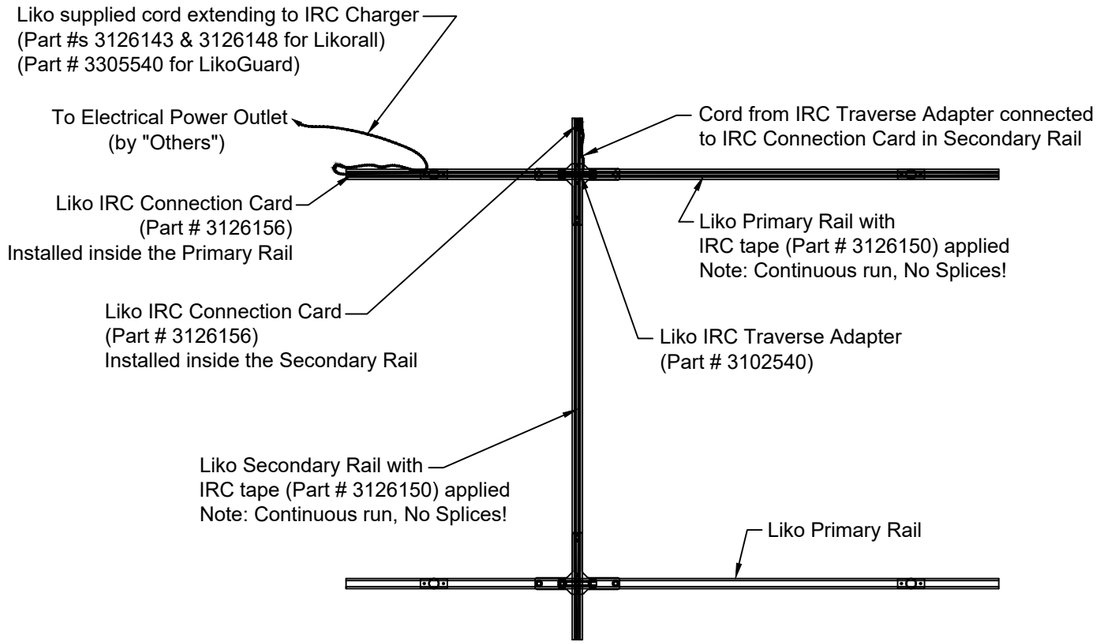
Hillrom™	ALTA VIEW HOSPITAL SANDY, UT REHAB AND LDRP PROJECT		LIKO OVERHEAD LIFT PROJECT CEILING MOUNTED IN RAIL CHARGING APPLICATIONS 800 LBS LIFTING CAPACITY
	DRAWN BY: *Amber Nobbe*	DATE: 11/24/20	SCALE: As Noted / SHEET 8 OF 10
THIS DRAWING IS NOT TO BE USED AS A CONSTRUCTION DRAWING, UNLESS NOTED AS SUCH. ACCURACY OF THIS DRAWING IS BASED UPON INFORMATION PROVIDED TO HILLROM. OPTIMAL ARRANGEMENT TO BE DETERMINED AT TIME OF INSTALLATION.		PROJECT # LQ-600162-03	

Liko Continuous IN-Rail Charging (IRC) INSTALLATION Details

Field Application of Charging Track in Liko Rails



Ceilingl-Mounted Patient Lift - Single Straight Rail
Typical In-Rail Charging Detail - STANDARD (1 motor)
Plan View N.T.S.



Ceiling-Mounted Patient Lift - Traverse
Typical In-Rail Charging Detail - STANDARD (with 1 motor)
Plan View N.T.S.

IMPORTANT NOTES:

1. REFER TO LIKO INSTALLATION INSTRUCTIONS FOR IN-RAIL CHARGING SETUP AND INSTALLATION..
2. MUST BE INSTALLED BY A LIKO-CERTIFIED INSTALLER.
3. IN-RAIL CHARGING (IRC) TRACK/TAPE (part #3126150) IS APPLIED USING THE IRC APPLICATION TOOL (part #3126160). MUST BE CONTINUOUS, NO SPLICES.
4. A STANDARD 110V ELECTRICAL RECEPTACLE IS REQUIRED NEAR THE PRIMARY RAIL(S) IN ORDER TO POWER THE BATTERY CHARGER(S) FOR THE PATIENT LIFT MOTOR(S).
5. ANY NEW ELECTRICAL RECEPTACLES / ELECTRICAL ENGINEERING BY "OTHERS".
6. FOR STANDARD SINGLE LIFT MOTOR CHARGING, APPLY IRC CHARGING TRACK/TAPE TO ONLY ONE (1) PRIMARY RAIL, AND IF APPLICABLE, ONE (1) SECONDARY RAIL.
7. FOR BARIATRIC "ULTRATWIN" CHARGING, THERE WILL BE (2) LIFT MOTORS AND (2) BATTERY CHARGERS. EACH PRIMARY, AND IF APPLICABLE, EACH SECONDARY RAIL WILL HAVE IRC CHARGING TRACK APPLIED, PROVIDING AN INDEPENDENT CONNECTION BETWEEN EACH IRC BATTERY CHARGER AND EACH LIFT MOTOR. NOTE: A SINGLE DUPLEX RECEPTACLE CAN BE USED TO CONNECT TWO (2) IRC BATTERY CHARGERS IF NEEDED.
8. THE IRC CHARGER TO BE INSTALLED AND CORD RAN BELOW THE FINISHED CEILING. CORD LENGTH IS 72", AND EXCESS CAN BE STORED IN LIKO RAIL CHANNEL. REFER TO ELECTRICAL CODE FOR APPROVED LOCATION AND ROUTING.
9. ELECTRICAL RECEPTACLES, ALONG WITH THE IRC CHARGER'S TRANSFORMER, FLEXIBLE CORDS & CABLES SHOULD BE INSTALLED BELOW FINISHED CEILING UNLESS INSTALLATION ABOVE CEILING IS PERMITTED BY THE NATIONAL ELECTRICAL CODE (NEC), AND/OR STATE AND LOCAL ELECTRICAL CODE. COMPLIANCE TO THE ELECTRICAL CODES, INCLUDING LABOR AND MATERIALS REQUIRED, IS THE RESPONSIBILITY OF "OTHERS" - NOT HILLROM.
10. **IMPORTANT: THE RESPONSIBILITY FOR COMPLIANCE TO N.E.C. AND LOCAL ELECTRICAL CODE IS BY "OTHERS".**
11. ANY WIREMOLD COVERINGS FURNISHED AND INSTALLED BY "OTHERS".

*** SEE NOTES PAGE FOR ADDITIONAL IMPORTANT INSTALLATION AND COORDINATION DETAILS**

PRELIMINARY
VENDOR DRAWING

Hillrom™

ALTA VIEW HOSPITAL
SANDY, UT
REHAB AND LDRP PROJECT

LIKO OVERHEAD LIFT PROJECT
CEILING MOUNTED
IN RAIL CHARGING APPLICATIONS

DRAWN BY: *Amber Nobbe* | DATE: 11/24/20 | SCALE: As Noted | SHEET 9 OF 10

PROJECT # LQ-600162-03

LIKO GENERAL NOTES

A. LIKO PATIENT LIFT SYSTEMS MUST BE INSTALLED BY LIKO-CERTIFIED INSTALLERS
B. REFER TO LIKO INSTALLATION HANDBOOK FOR INSTALLATION PARAMETERS.
C. REFER TO LIKO INSTALLATION INSTRUCTIONS FOR PROPER INSTALLATION PROCEDURES.

ARCHITECTURAL NOTES

A. SEALED ENGINEERING DRAWINGS AND CALCULATIONS BY LICENSED ENGINEER FOR THE PROPOSED PATIENT LIFTS "BY OTHERS".
B. ANY MODIFICATIONS TO CURTAIN TRACK(S) BY "OTHERS", IF NEEDED.
C. ANY RELOCATION SPRINKLER HEADS AND/OR SMOKE ALARMS BY "OTHERS", IF NEEDED.
D. ANY RELOCATION TV(s), CABINETRY AND/OR OVERHEAD LIGHTING FIXTURES BY "OTHERS", IF NEEDED.
E. ANY RELOCATION OF SERVICE BOOMS/ARMS AND/OR SERVICE ACCESS PANELS BY "OTHERS", IF NEEDED.
F. ANY REPAIR OR REPAINTING TO WALL, CEILING AND/OR FLOOR MOLDING "BY OTHERS".
G. ANY MODIFICATIONS TO NEW/ EXISTING DOOR HEADERS FOR ROOM-TO-ROOM CONTINUOUS RAIL PASS-THROUGH SYSTEMS BY "OTHERS", IF NEEDED.
H. SUGGESTED LOCATION FOR LIKO CHARGING/DOCKING STATION SHOWN ON LAYOUT DRAWINGS.
PREFERRED LOCATIONS TO BE DETERMINED AND VERIFIED IN THE FIELD AT THE TIME OF INSTALLATION.
BACKING/REINFORCEMENT IN WALL MAY BE REQUIRED.
I. FOR PATIENT TRANSFER LIFTING SIDE, PROVIDE MINIMUM OF 4'-0" CLEAR AREA FROM THE CENTER OF BED TO TRANSFER AREA BESIDE THE BED.
J. WHEN RECESSING THE LIKO RAILS, IT IS NOT ACCEPTABLE TO DRILL INTO THE RECESSED LIKO RAILS FOR THE PURPOSE OF MOUNTING THE CEILING OR OTHER EQUIPMENT TO THE LIKO RAILS. CEILING SHOULD BE SUPPORTED INDEPENDENT OF THE LIKO RAILS.
DRILLING INTO THE LIKO RAILS MAY COMPROMISE THE STRUCTURAL INTEGRITY OF THE LIKO LIFT SYSTEM.
IF THE CEILING IS ATTACHED TO THE RAIL THEN THE NORMAL DEFLECTION OF THE RAIL UNDER LOAD MAY DAMAGE THE CEILING.

STRUCTURAL NOTES

A. REFERENCE LIKO POINT LOAD INFORMATION REGARDING PATIENT LIFT LOADING APPLIED TO THE BUILDING STRUCTURE. SEE BELOW.
B. IF REQUIRED, SEALED ENGINEERING DRAWINGS AND CALCULATIONS BY LICENSED ENGINEER FOR THE PROPOSED PATIENT LIFTS "BY OTHERS".
C. METHOD OF ATTACHMENT TO BUILDING STRUCTURE TO BE DETERMINED AND DESIGNED BY "OTHERS".
REFER TO LIKO LAG BOLT POLICY FOR REQUIRED INFORMATION (WHERE REQUIRED)
D. REFER TO APPROVED STRUCTURAL ENGINEERING DETAILS (BY "OTHERS") FOR METHOD OF ATTACHMENT.
E. EVALUATION OF THE EXISTING BUILDING STRUCTURE IS NOT INCLUDED.
F. THE PROPOSED PATIENT LIFT DESIGNS ASSUMES THE BUILDING STRUCTURE IS CAPABLE OF WITHSTANDING ALL LOAD IMPOSED UPON IT BY THE EQUIPMENT AND THE ASSUMED DYNAMIC FORCES WITHOUT ADDITIONAL MODIFICATION TO THE STRUCTURE.
G. DESIGN, ENGINEERING, AND CALCULATIONS VERIFYING THE ABILITY OF THE BUILDING STRUCTURE TO WITHSTAND ALL THE LOAD FORCES OF THE PATIENT LIFT SYSTEM, IN ITS ENTIRETY, IS THE RESPONSIBILITY OF OTHERS.
H. IF APPLICABLE, DEVELOPMENT OF SUBMITTAL PACKAGE FOR OSHPD FOR REVIEW AND APPROVAL "BY OTHERS".
I. ANY REPAIR TO FIRE-PROOFING MATERIAL COVERING STRUCTURAL STEEL "BY OTHERS".
(INSTALLERS MAY NEED TO REMOVE SECTIONS OF FIRE-PROOFING MATERIAL TO INSTALL LIKO SUPPORTS AND BRACING)

LIKO POINT LOAD INFORMATION

LIKORALL 250 LIFT MOTOR - 550LBS MAX. CAPACITY (EACH)
MAXIMUM POINT LOAD FOR EACH SUPPORT PENDANT LOCATION IS BASED UPON THE MAXIMUM CAPACITY OF THE LIFT MOTOR + ESTIMATED WEIGHT OF THE EQUIPMENT AT THE SUPPORT PENDANT ATTACHMENT LOCATION.

STANDARD LIFT SYSTEM:

STANDARD LIFT SYSTEM INCLUDES ANY STRAIGHT RAIL OR TRAVERSE RAIL SYSTEM WITH ONE (1) LIFT MOTOR.

ESTIMATED WEIGHT OF EQUIPMENT AT PENDANT SUPPORT LOCATION FOR STANDARD LIFT SYSTEM = 60LBS
(INCLUDES LIFT MOTOR, RAILS, PENDANTS, TRAVERSE RAIL CARRIER, ETC.)

LIFT MOTOR(LBS)		EQUIPMENT(LBS)		ALLOWABLE LOAD(LBS)
550	+	60	=	610

LIKO POINT LOAD INFORMATION

LIKOGUARD XL LIFT MOTOR - 800LBS MAX. CAPACITY (EACH)
MAXIMUM POINT LOAD FOR EACH SUPPORT PENDANT LOCATION IS BASED UPON THE MAXIMUM CAPACITY OF THE LIFT MOTOR + ESTIMATED WEIGHT OF THE EQUIPMENT AT THE SUPPORT PENDANT ATTACHMENT LOCATION.

STANDARD LIFT SYSTEM:

STANDARD LIFT SYSTEM INCLUDES ANY STRAIGHT RAIL OR TRAVERSE RAIL SYSTEM WITH ONE (1) LIFT MOTOR.

ESTIMATED WEIGHT OF EQUIPMENT AT PENDANT SUPPORT LOCATION FOR STANDARD LIFT SYSTEM = 60LBS
(INCLUDES LIFT MOTOR, RAILS, PENDANTS, TRAVERSE RAIL CARRIER, ETC.)

LIFT MOTOR(LBS)		EQUIPMENT(LBS)		ALLOWABLE LOAD(LBS)
800	+	60	=	860

ELECTRICAL NOTES

A. IN-RAIL CHARGING (IRC): ALL PATIENT LIFT MOTORS TO BE CHARGED UTILIZING LIKO'S CONTINUOUS IN-RAIL CHARGING (IRC) FEATURE.

- IN-RAIL CHARGING REQUIRES A STANDARD 110V ELECTRICAL RECEPTACLE NEAR THE PRIMARY RAIL(S) IN ORDER TO POWER THE BATTERY CHARGER(S) FOR THE PATIENT LIFT MOTOR(S).
- ELECTRICAL RECEPTACLES, ALONG WITH THE IRC CHARGER'S TRANSFORMER, FLEXIBLE CORDS & CABLES SHOULD BE INSTALLED BELOW FINISHED CEILING UNLESS INSTALLATION ABOVE CEILING IS PERMITTED BY THE NATIONAL ELECTRICAL CODE (NEC), AND/OR STATE AND LOCAL ELECTRICAL CODE. COMPLIANCE TO THE ELECTRICAL CODES, INCLUDING LABOR AND MATERIALS REQUIRED, IS THE RESPONSIBILITY OF "OTHERS" - NOT HILLROM.
- NOTE: A SINGLE DUPLEX RECEPTACLE CAN BE USED TO CONNECT TWO (2) IRC BATTERY CHARGERS IF NEEDED.
- ANY NEW ELECTRICAL RECEPTACLES / ELECTRICAL ENGINEERING BY "OTHERS".
- ANY WIREMOLD COVERINGS FURNISHED AND INSTALLED BY "OTHERS".
- *OPTIONAL* "HARD-WIRED" CONNECTION FOR **LIKOGUARD** LIFT MOTOR CHARGING.
REQUIRES CERTIFIED ELECTRICAL CONTRACTOR TO MAKE FINAL CONNECTIONS TO BUILDING POWER.
THIS HOOK-UP IS NOT INCLUDED AS PART OF THE LIKO-CERTIFIED INSTALLER'S SCOPE OF WORK. THIS WORK TO BE PERFORMED BY "OTHERS".
REFER TO INSTALLATION INSTRUCTIONS FOR ELECTRICAL DIAGRAM AND ADDITIONAL INSTRUCTIONS.
ELECTRICAL RECEPTACLES, ALONG WITH THE IRC CHARGER'S TRANSFORMER, FLEXIBLE CORDS & CABLES SHOULD BE INSTALLED BELOW FINISHED CEILING UNLESS INSTALLATION ABOVE CEILING IS PERMITTED BY THE NATIONAL ELECTRICAL CODE (NEC), AND/OR STATE AND LOCAL ELECTRICAL CODES. COMPLIANCE TO THE ELECTRICAL CODES IS THE RESPONSIBILITY OF "OTHERS" - NOT HILLROM.
NOTE: HARD-WIRED CONNECTION FOR **LIKORALL** LIFT MOTOR IS **NOT AVAILABLE.**

Hillrom™

ALTA VIEW HOSPITAL
SANDY, UT

REHAB AND LDRP PROJECT

Liko

LIKO OVERHEAD LIFT PROJECT
CEILING MOUNTED
IN RAIL CHARGING APPLICATIONS

DRAWN BY: *Amber Nobbe* | DATE: 11/24/20 | SCALE: As Noted | SHEET 10 OF 10

PROJECT # LQ-600162-03