

SIEMENS

CALIFORNIA STATE CONTRACTORS
LICENSE NO.: #758796 - B/ C10/ C16/ C20

Siemens Building Technologies, Inc.
FIS FIRE/LIFE SAFETY DIVISION
10775 Business Center Drive
Cypress, California 90630 USA
Phone: (714) 761-2200
Fax: (714) 220-4958

This drawing and the information and design application herein contained is the property of SIEMENS BUILDING TECHNOLOGIES, Inc. and is loaned upon the express condition that the same be returned to SIEMENS BUILDING TECHNOLOGIES, Inc. upon request; all information herein contained shall be treated as secret and confidential; no reproduction of this drawing or part thereof shall be made without the written consent of SIEMENS BUILDING TECHNOLOGIES, Incorporated.



BUILDING ELECTRONIC CONTROLS, INC.
2246 Lindsay Way
Glendora, CA 91740
PHONE: (909) 305-1600
FAX #: (909) 305-1604
LICENSE NO.: 729805
CLASSIFICATION (S): C-7 C10
EXPIRATION DATE: 11/30/2012
RICHARD TAYLOR



- NOTES:
1. INTERFACE TO PATIENT ROOM DOME LIGHT, DOME LIGHT & POWER SHALL BE FURNISHED AND INSTALLED BY OTHERS.
 2. NOT USED
 3. INTERFACE TO VEN DOOR / ROLL-DOWN DOOR / SHUTTER FOR RELEASE EQUIPMENT & POWER SHALL BE FURNISHED AND INSTALLED BY OTHERS.
 4. INTERFACE FOR MONITORING STATUS OF EQUIPMENT.
 5. SYNCHRONIZING CONFIGURATION OF ALL PAD PANELS.
 6. GFD ACTIVATION & MONITORING / GFD-SS MONITORING FOR PAD PANELS.
 7. INTERFACE FOR RELEASE OF MAGNETIC DOOR HOLD OPEN DEVICES.
 8. INTERFACE FOR RELEASE OF COMBINATION SMOKE FIRE DAMPER CIRCUITS (EXCLUDING ISOLATION ROOMS).
 9. INTERFACE FOR ELEVATOR RECALL (PRIMARY)
 10. INTERFACE FOR ELEVATOR RECALL (ALT-RECALL)
 11. INTERFACE FOR ELEVATOR SHUNT TRIP
 12. INTERFACE FOR ELEVATOR SHUNT TRIP (BATTERY)
 13. INTERFACE FOR ELEVATOR CAB LIGHT (STEADY)
 14. INTERFACE FOR ELEVATOR CAB LIGHT (FLASHING)
 15. INTERFACE FOR RELEASE OF COMBINATION SMOKE FIRE DAMPER CIRCUITS FOR ISOLATION ROOMS ONLY.
 16. INTERFACE FOR HVAC SHUTDOWN
 17. INTERFACE FOR MONITORING OF DISCONNECT SWITCH
 18. MONITOR MODULE TO MONITOR ASPIRATING SMOKE DETECTION PANEL.
-FIRE 2
-FIRE 1
-TROUBLE
 19. CONTROL RELAY (GTRI-2) IS PROVIDED FOR ASPIRATING SMOKE DETECTION PANEL RESET
 20. MONITOR MODULES TO MONITOR PREACTION PANEL
-ALARM
-SUPERVISORY
-TROUBLE
 21. PROVIDE 120V AC - 200 AMPS DEDICATED CIRCUIT FOR THE POWER SUPPLY
 22. CONTROL RELAY (GTRI-2) IS PROVIDED FOR DIMMER CONTROLS ACTIVATION

- ☐ MXL ☐ VOICE ☐ XL3 ☐ SYSTEM3
☒ XLS ☐ FS-250 ☐ EST3 ☐ OTHER

OSHPD NO. #: IL-072072-30

11/27/12	DESIGN REVISION	-
07/27/11	DESIGN REVISION	-
05/02/11	FULLERTON FIRE DEPARTMENT CORRECTIONS	-
11/30/10	DISPATCH CENTER	LF
07/30/10	SMOKE BACKLOG REVISIONS	LF
11/05/09	BACKGROUND REVISIONS	FM

Rev No. Date Remarks Initial

Drawn: H.JEANG

Checked: -

Approved: -

Date: 07.30.09

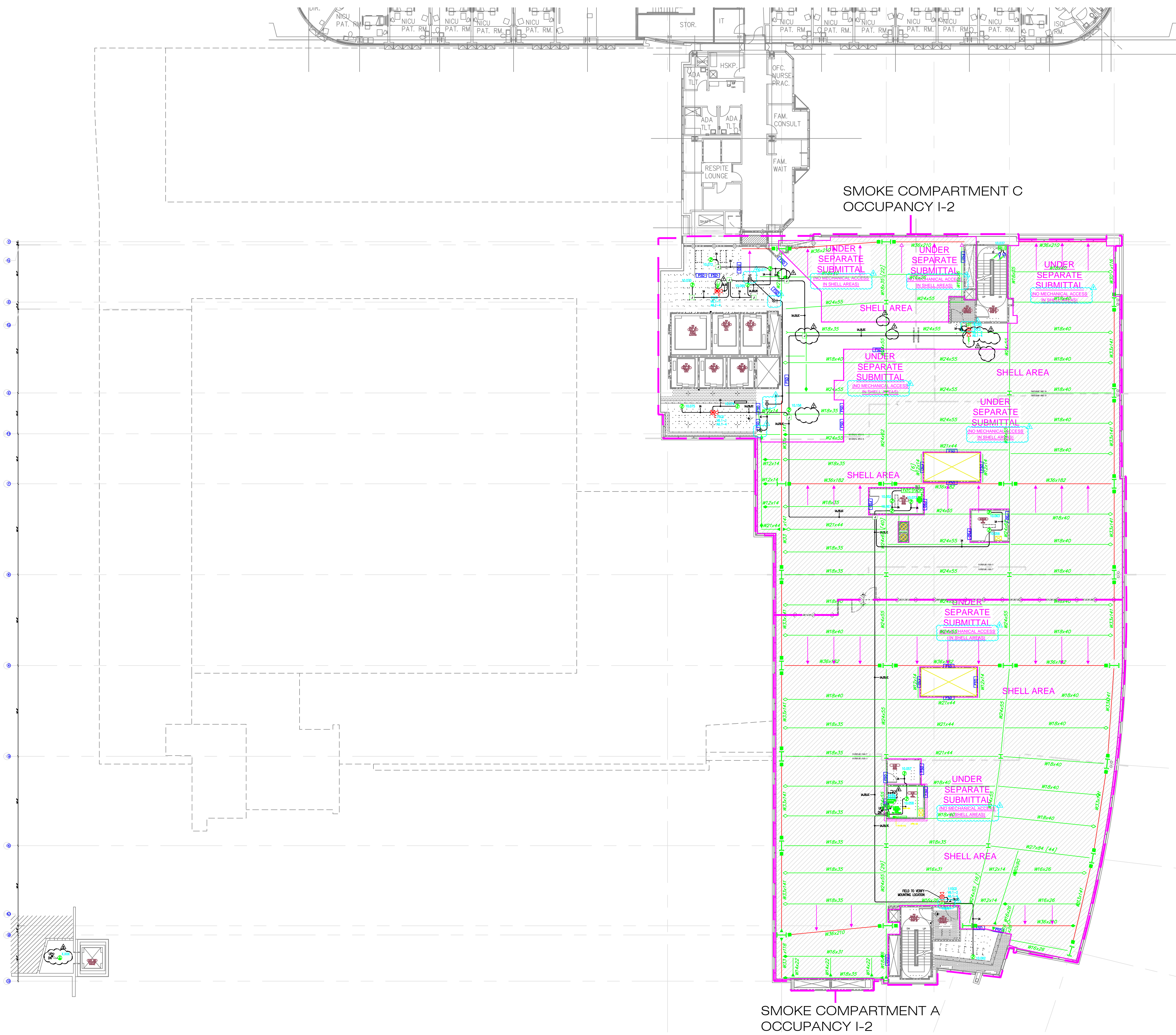
Scale: 0'-1/16" = 1'-0"

FIRE ALARM FLOORPLAN
LEVEL 6 - COMPOSITE

Job Number: 440P-056306

Project: CHILDRENS HOSPITAL OF
ORANGE COUNTY - TOWER II
455 SOUTH MAIN STREET
ORANGE, CALIFORNIA 92668-3874

Drawing Number: EF1.60

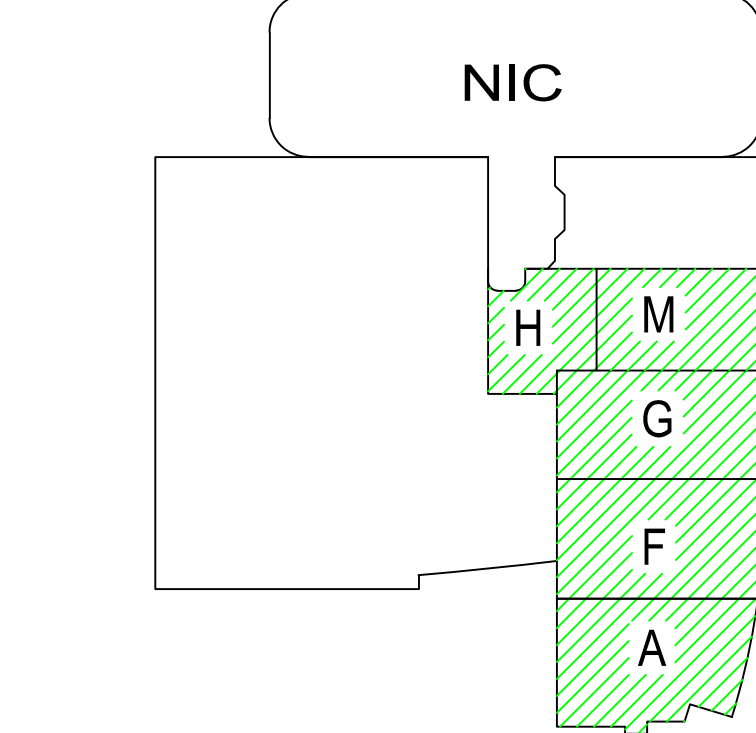
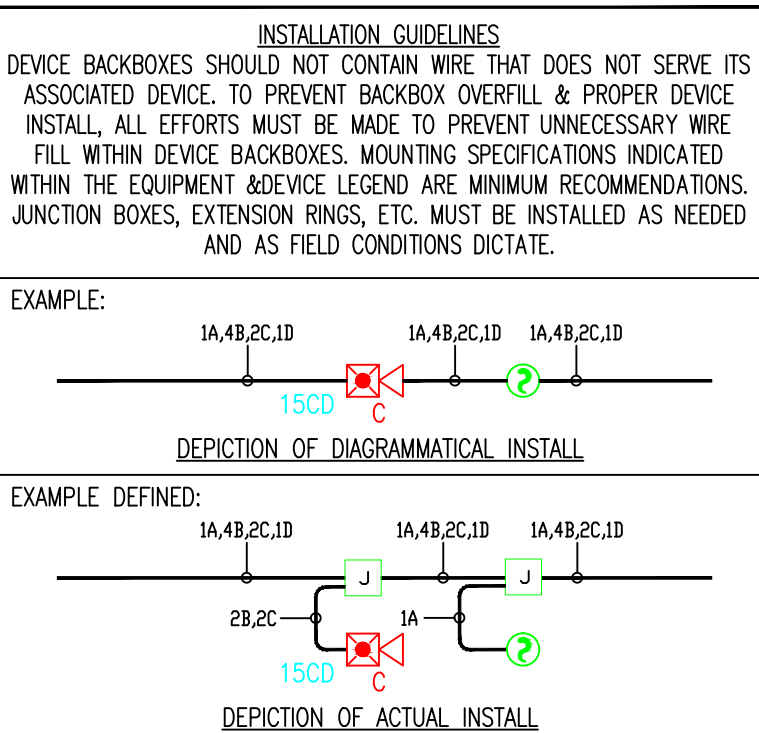


MCCARTHY APPROVAL

- A. Approved as noted for Architectural Review ☐
B. Review and Re-submit ☐
C. Rejected ☐

This review is for general conformance with Plans and Specifications only. Any deviation from same not clearly noted by the Approver herein shall be deemed not to constitute a complete release of the Approver of contractual responsibility for any error or deviation from contract requirements.

By: _____ Date: _____
SHEP DRAWING REFERENCE NO.




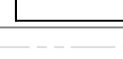


4.) AS FIELD CONDITIONS DICTATE ACTUAL RACEWAY INSTALLATIONS, DEVICE BACK BOXES AND JUNCTION BOXES SHALL BE SIZED PER FIELD INSTALLING CONDITIONS. DEVICE BACK BOX SIZES INDICATED WITHIN THIS DRAWING PACKAGE ARE MINIMUM REQUIREMENTS ONLY. AN INCREASE IN BACK BOX DEPTH, ADDITION OF EXTENSION BOX/RING, ETC. MAY BE REQUIRED IN ORDER TO PROPERLY ACCOMMODATE FOR WIRE QUANTITIES INSTALLED WITHIN THE RACEWAY.


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2.) ADDITIONAL JUNCTION BOXES NOT SHOWN WITHIN THESE PLANS MAY BE REQUIRED TO ACCOMMODATE PROPER RACEWAY INSTALLATIONS & SIZING. IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO DETERMINE THE NECESSARY AMOUNT OF JUNCTION BOXES/EXTENSION RINGS REQUIRED.

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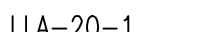
DEVICE LEGEND					
SYMBOL	MODEL	MAKE	DESCRIPTION	CSFM #	MOUNTING
	N/A	BY OTHERS	-FIRE ALARM TERMINAL CABINET	N/A	-INSTALLED BY OTHERS
	SIGA-CT2	EST	-DUAL TRANSPONDER	7300-1657-121	-4" SQ. BOX WITH SINGLE GANG RING
	N/A	BY OTHERS	-FIRE/SMOKE DAMPER	N/A	
	N/A	BY OTHERS	-JUNCTION BOX	N/A	


CONDUIT LEGEND


 NEW CONDUIT

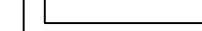
 NEW CABLE

DAMPER ID

 DAMPER NUMBER

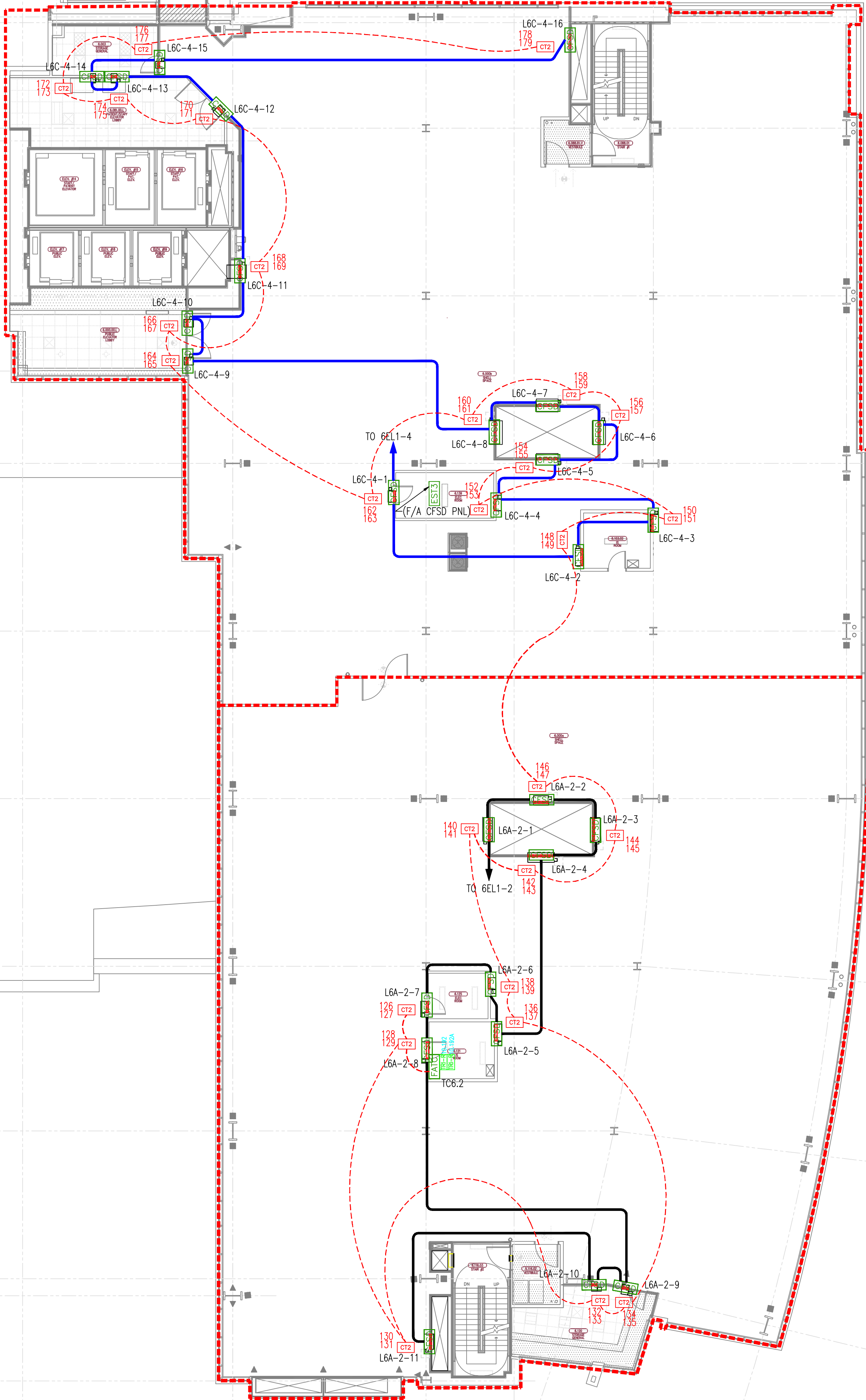
 ELECTRIC CIRCUIT NUMBER

 SMOKE COMPARTMENT

 LEVEL

EXISTING
NORTH
TOWER
ANNEX

SMOKE COMPARTMENT C
OCCUPANCY I-2



SMOKE COMPARTMENT A
OCCUPANCY I-2

DAMPER MONITORING SYSTEM

CHILDRENS HOSPITAL OF
ORANGE COUNTY - TOWER II
455 SOUTH MAIN STREET
ORANGE, CALIFORNIA 92868-3874

REVISIONS

ISSUED FOR PLANCHHECK	03/08/11
DESIGN REVISION	07/18/11
DESIGN REVISION	11/22/11
DESIGN REVISION	11/06/12

RECORD
DRAWINGS

THESE DRAWINGS HAVE BEEN PREPARED BY BEC EXCLUSIVELY FOR INSTALLATION BY BEC. BEC ACCEPTS NO LIABILITY FOR CLAIMS BY OTHERS IF BEC IS NOT THE INSTALLER. THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF BEC. ALL DESIGNS AND OTHER INFORMATION CONTAINED ON THESE DRAWINGS ARE FOR USE ON THE SPECIFIED PROJECT, INSTALLED ONLY BY BEC, AND SHALL NOT BE REPRODUCED, ALTERED, USED TO OBTAIN PERMITS OR USED TO COMPLETE THIS PROJECT OR ANY OTHER PROJECT, BY OTHERS, WITHOUT FIRST OBTAINING THE EXPRESSED WRITTEN PERMISSION AND CONSENT OF BEC. THESE DRAWINGS SHALL NOT BE ASSIGNED TO A THIRD PARTY WITHOUT WRITTEN PERMISSION AND CONSENT FROM BEC. USE OF THESE DRAWINGS IN ANY SUCH MANNER WITHOUT BEC'S WRITTEN CONSENT SHALL CONSTITUTE TOTAL INDEMNIFICATION OF BEC LIABILITY.



DRAWING DATE:	03/08/11
SCALE:	1/16" = 1'-0"
FILE NAME:	FA0000LDWG
DESIGNED BY:	C.S.
PROJECT MANAGER:	KYLE OBERWIRE
CONTACT NUMBER:	(909) 305-1600

SHEET TITLE

DAMPER MONITORING
SYSTEM
LEVEL 6

SHEET No.

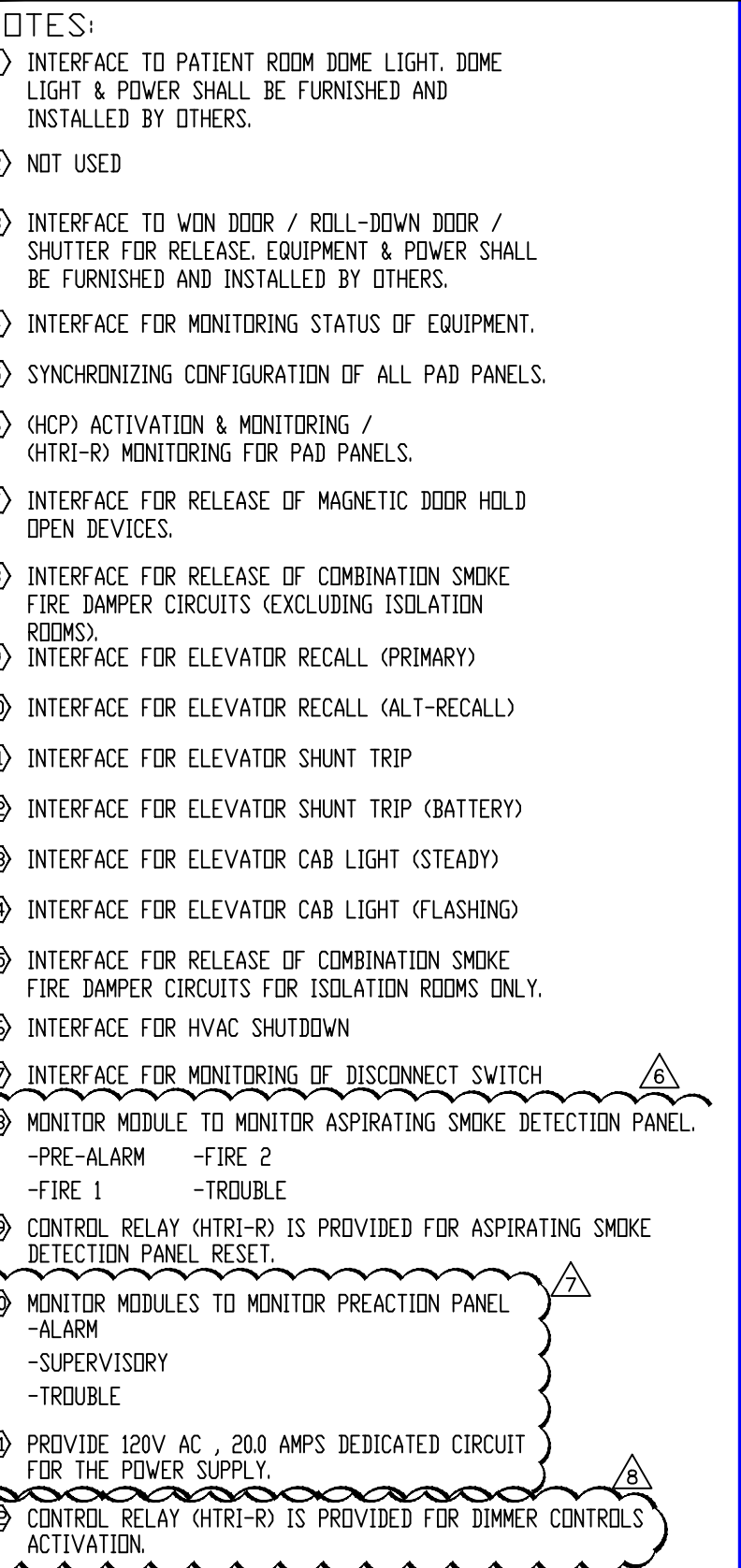
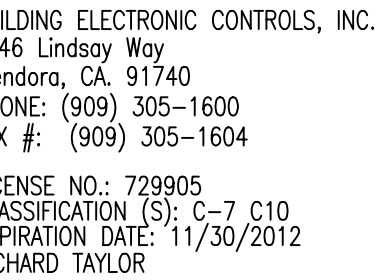
FA-06.7



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OSHPD NO.#: IL-072072-30

07/20/12	DESIGN REVISION
11/01/12	DESIGN REVISION

11/27/11	DEPT. BACKLOG #1	-
07/21/11	DEPT. REVISION	-
05/02/11	FULLERTON FIRE DEPARTMENT CORRECTIONS	-
11/30/10	OSPD BACKLOG #1	LF
07/30/10	OSPD BACKLOG #1	-
11/05/09	BACKGROUND REVISIONS	PM

No.	Date	Remarks	Initial
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awr H.JEANG

checked: -

proved: -

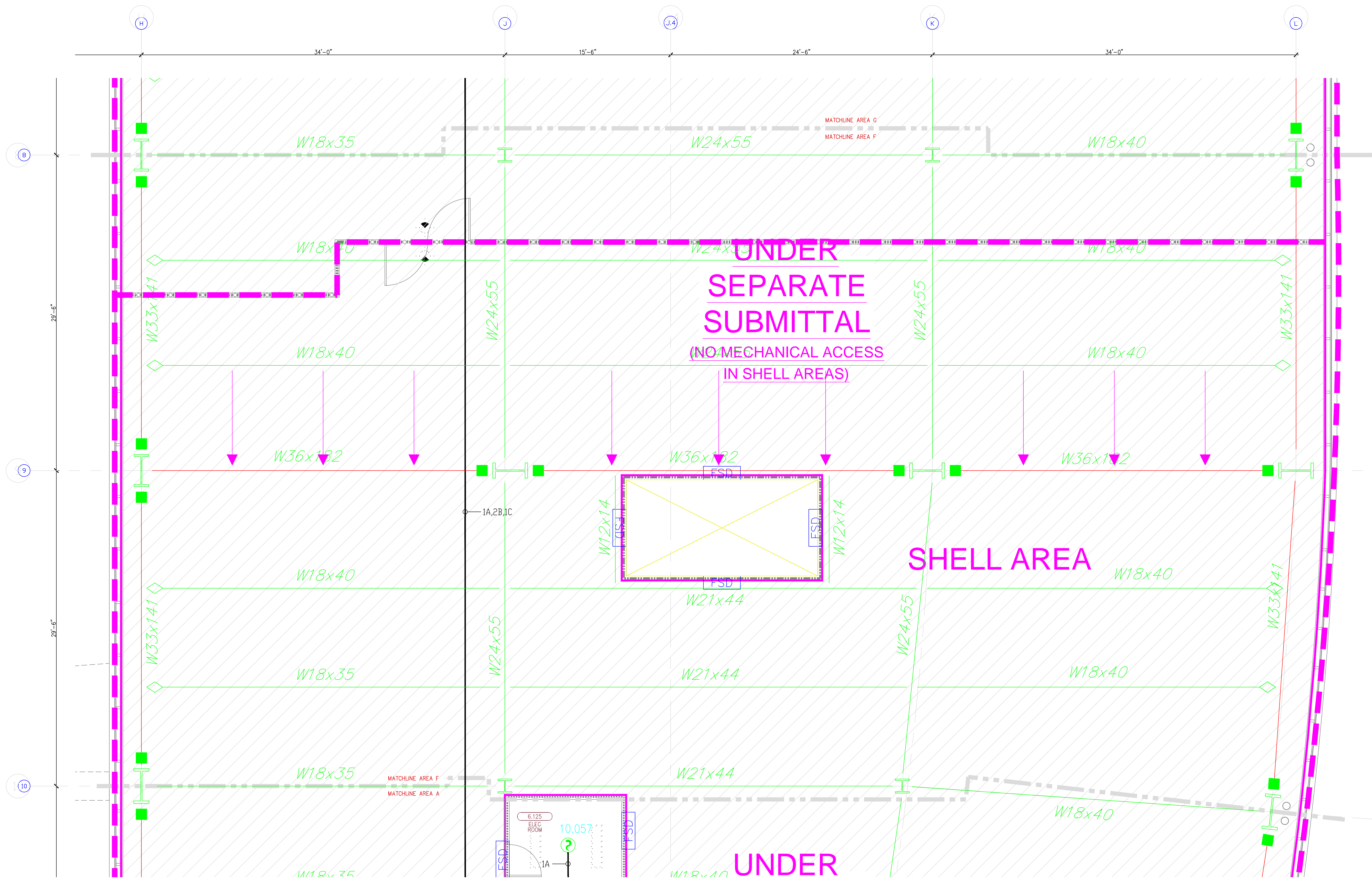
te:	07.30.09
ale:	$0'-1/4'' = 1'-0''$

FIRE ALARM FLOORPLAN
LEVEL 6 – AREA F

44OP-056306

ject: CHILDRENS HOSPITAL OF
ORANGE COUNTY - TOWER II
455 SOUTH MAIN STREET
ORANGE, CALIFORNIA 92868-3874

EF3.6F



<h2 style="margin: 0;">MC CARTHY APPROVAL</h2>	
A. Approved as noted for Architectural Review	<input type="checkbox"/>
B. Review and Resubmit	<input type="checkbox"/>
C. Rejected	<input type="checkbox"/>
<p>This review is for general conformance with Plans and Specifications only. Any deviations from same not clearly noted by the Preparer have not been reviewed. Review shall not constitute a complete check of detailed dimensions or count to serve to relieve the Preparer of contractual responsibility for any error or deviation from contract requirements.</p> <p style="text-align: center; font-size: 24px; font-weight: bold; margin-top: 20px;">McCarthy</p> <p style="margin-top: 20px;">By _____ Date _____</p> <p style="margin-top: 10px;">SHOP DRAWING REFERENCE NO. _____</p>	

INSTALLATION GUIDELINES

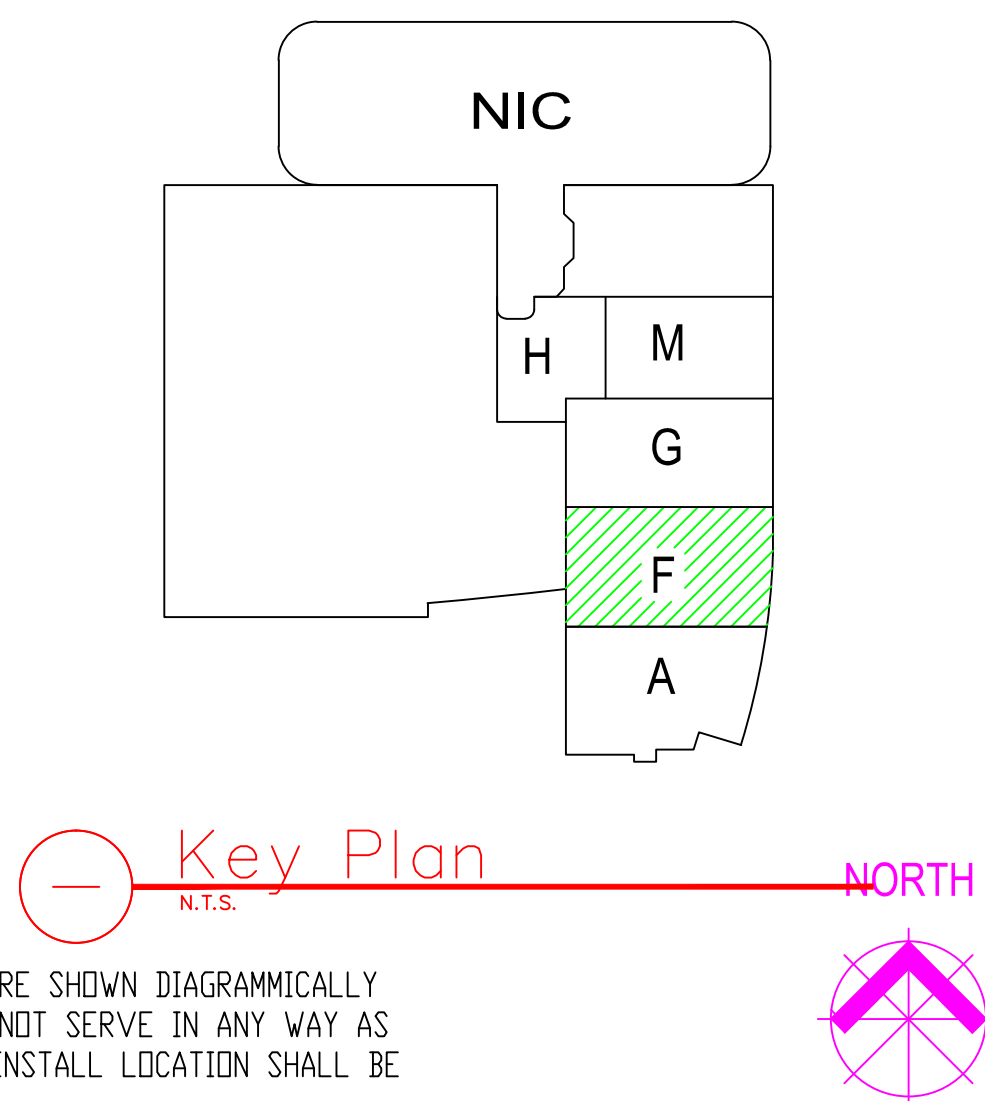
DEVICE BACKBOXES SHOULD NOT CONTAIN WIRE THAT DOES NOT SERVE ITS ASSOCIATED DEVICE. TO PREVENT BACKBOX OVERHEAT & PROPER DEVICE INSTALLATION, ALL EFFORTS MUST BE MADE TO PREVENT UNNECESSARY WIRE FILL WITHIN DEVICE BACKBOXES. LISTING SPECIFICATIONS INDICATED WITHIN THE EQUIPMENT LABEL/LEGEND ARE MINIMUM RECOMMENDATIONS. JUNCTION BOXES, EXTENSION PIGS, ARE MUST BE INSTALLED AS NEEDED AND AS FIELD CONDITIONS DICTATE.

EXAMPLE:

DEPICTION OF CIRCUMSTANTIAL INSTALL

EXAMPLE DEFINED:

DEPICTION OF ACTUAL INSTALL



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LICENSE NO.: 729805
CLASSIFICATION: ES, C-7, C10
EXPIRATION DATE: 11/30/2012
RICHARD TAYLOR



- NOTES:
- ① INTERFACE TO PATIENT ROOM BONE LIGHT, DOME LIGHT & POWER SHALL BE FURNISHED AND INSTALLED BY OTHERS.
 - ② NOT USED
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 - ⑤ SYNCHRONIZING CONFIGURATION OF ALL PAD PANELS.
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☐ MXL ☐ VOICE ☐ XL3 ☐ SYSTEM3
☒ XLS ☐ FS-250 ☐ EST3 ☐ OTHER

OSHPD NO. #: IL-072072-30

Rev No.	Date	Remarks	Initial
1	07/20/12	DESIGN REVISION	
2	11/23/11	DESIGN REVISION	
3	07/21/11	DESIGN REVISION	
4	05/02/11	FULLERTON FIRE DEPARTMENT CORRECTIONS	
5	11/30/10	DISPATCH CENTER	LF
6	07/30/10	WIRE BACKLOG	LF
7	11/05/09	BACKGROUND REVISIONS	FM

Rev No. Date Remarks Initial

Drawn: H.JEANG

Checked: -

Approved: -

Date: 07.30.09

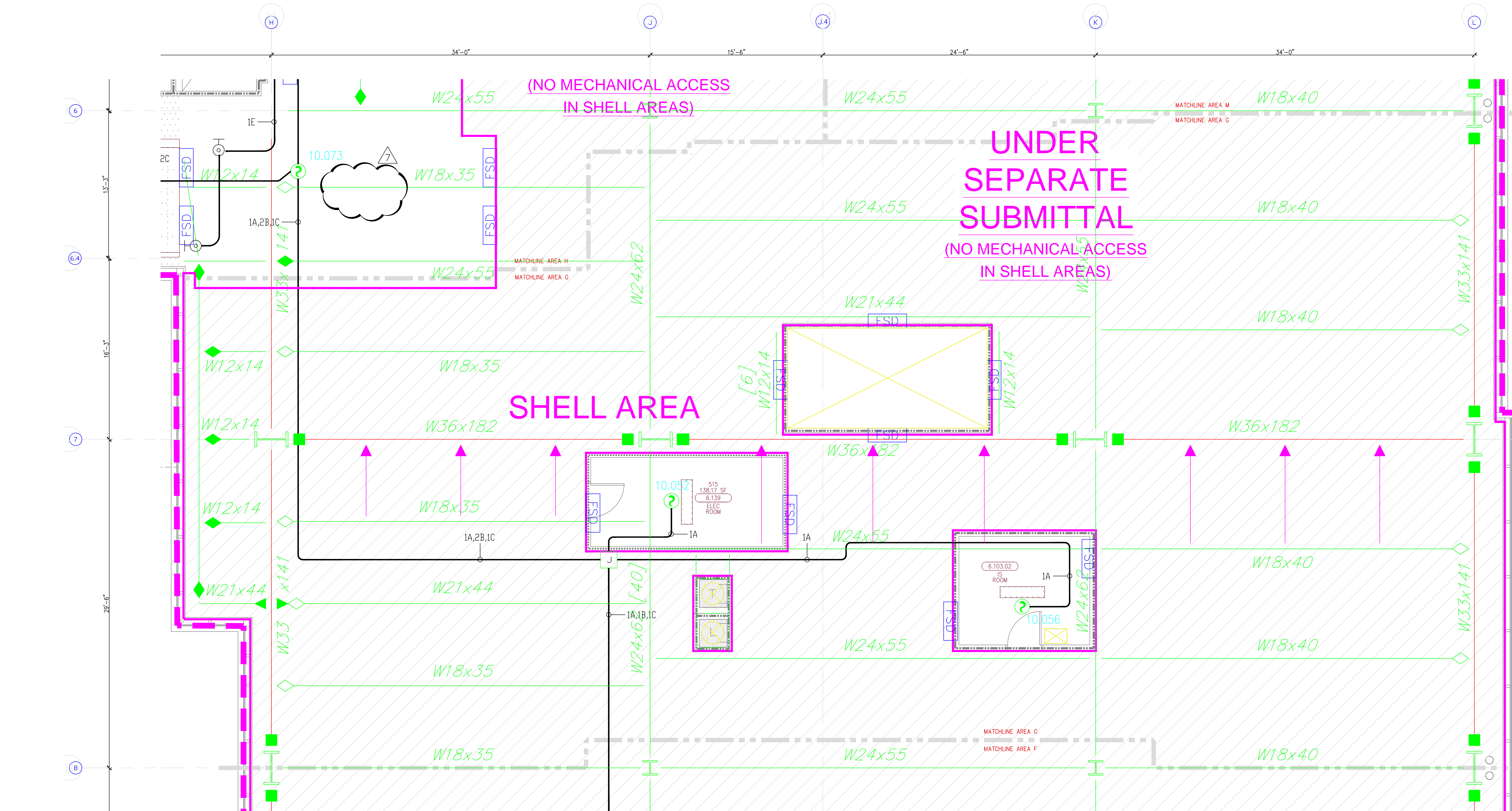
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FIRE ALARM FLOORPLAN
LEVEL 6 - AREA G

Job Number: 440P-056306

Project: CHILDRENS HOSPITAL OF
ORANGE COUNTY - TOWER II
455 SOUTH MAIN STREET
ORANGE, CALIFORNIA 92668-3874

Drawing Number: EF3.6G

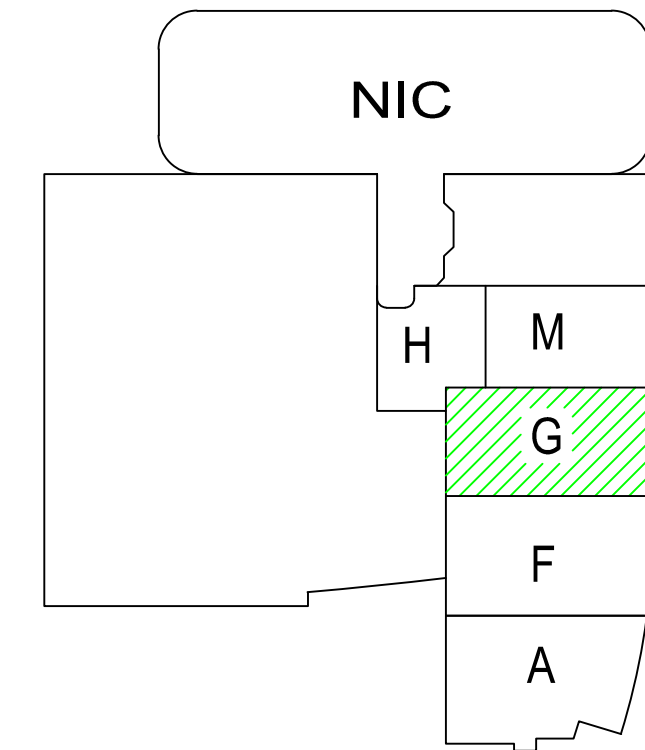
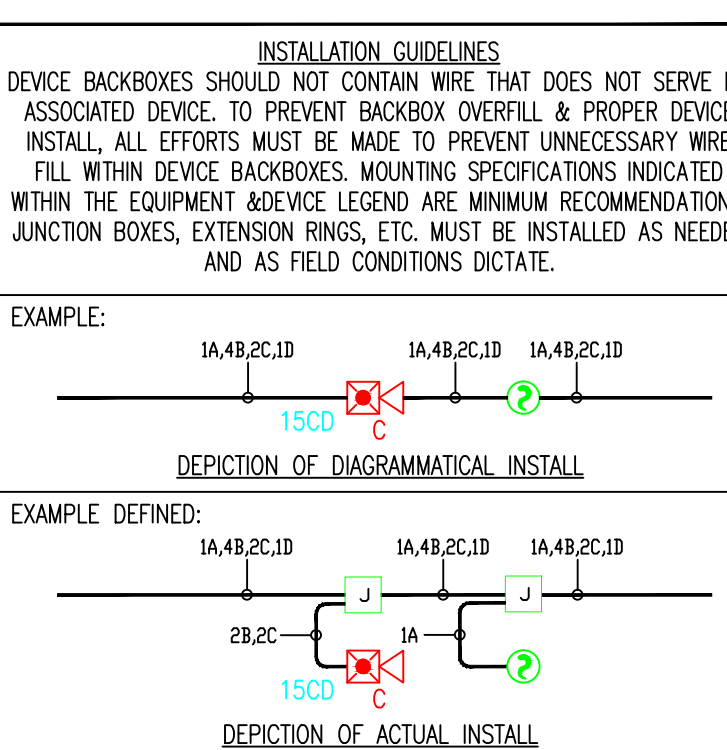


MCCARTHY APPROVAL

A. Approved as noted for Architectural Review ☐
B. Review and Rebuild ☐
C. Rejected ☐

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SMOKE COMPARTI OCCUPANCY I-2

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 - CONTROL RELAY (HTRI-2) IS PROVIDED FOR ASPIRATING SMOKE DETECTION PANEL RESET
 - MONITOR MODULES TO MONITOR PREACTION PANEL.
 - ALARM
 - SUPERVISORY
 - TROUBLE
 - PROVIDE 120V AC, 20A, 200 AMP'S DEDICATED CIRCUIT FOR THE POWER SUPPLY
 - CONTROL RELAY (HTRI-2) IS PROVIDED FOR DIMMER CONTROLS ACTIVATION

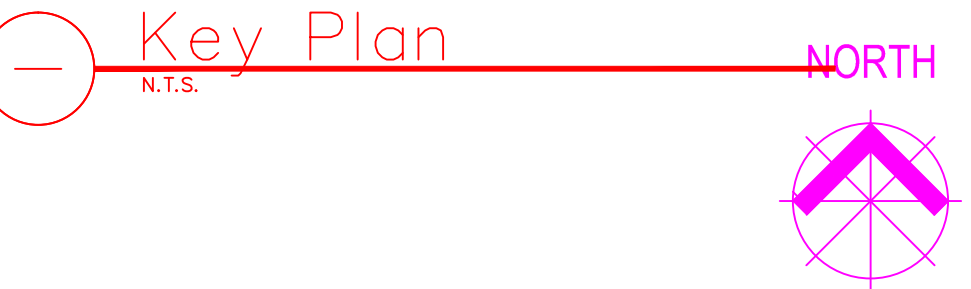
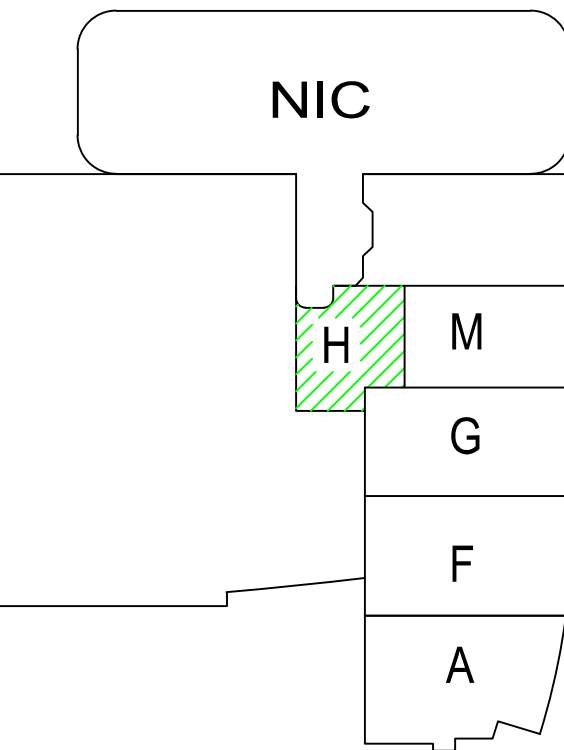
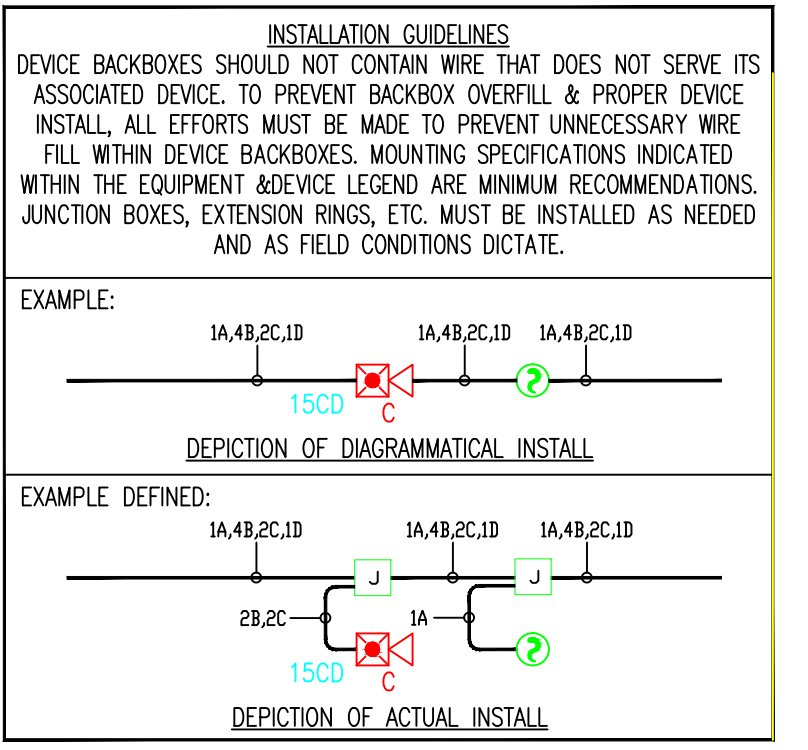
MCCARTHY APPROVAL

A. Approved as noted for architectural Review
B. Review and Rebuild
C. Rebuild

This review is for general conformance with Plans and Specifications only. Any deviations from same not clearly noted by the Engineer have not been reviewed. Reviewer shall not constitute a complete check of detailed dimensions or notes to verify to, unless the Engineer of record assumes responsibility for any error or deviation from contract requirements.

McCarthy

By _____ On _____
CHIEF, DRAWING REFERENCE NO. _____



- MXL VOICE XL3 SYSTEMS
XLS FS-250 EST3 OTHER

OSHPD NO. #: IL-072072-30

Rev No.	Date	Revision
1	07/20/12	DESIGN REVISION
2	11/21/11	DESIGN REVISION
3	07/21/11	DESIGN REVISION
4	05/02/11	FULLERTON FIRE DEPARTMENT CORRECTIONS
5	11/30/10	DESIGN REVISION
6	07/30/10	DESIGN REVISION
7	11/05/09	BACKGROUND REVISIONS

Rev No. Date Remarks Initial

Drawn: H.JEANG

Checked: -

Approved: -

Date: 07.30.09

Scale: 0'-1/4" = 1'-0"

FIRE ALARM FLOORPLAN
LEVEL 6 - AREA H

Job Number: 440P-056306

Project: CHILDRENS HOSPITAL OF
ORANGE COUNTY - TOWER II
455 SOUTH MAIN STREET
ORANGE, CALIFORNIA 92868-3874

Drawing Number: EF3.6H

