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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 BONE LIGHT, BONE LIGHT & POWER SHALL BE FURNISHED AND INSTALLED BY OTHERS.
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 - ⑥ GFI? ACTIVATION & MONITORING / GFI-R? MONITORING FOR PAD PANELS.
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-FIRE 2
-FIRE 1
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-SUPERVISORY
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 - ㉑ PROVIDE 120V AC, 200 AMP'S DEDICATED CIRCUIT FOR THE POWER SUPPLY
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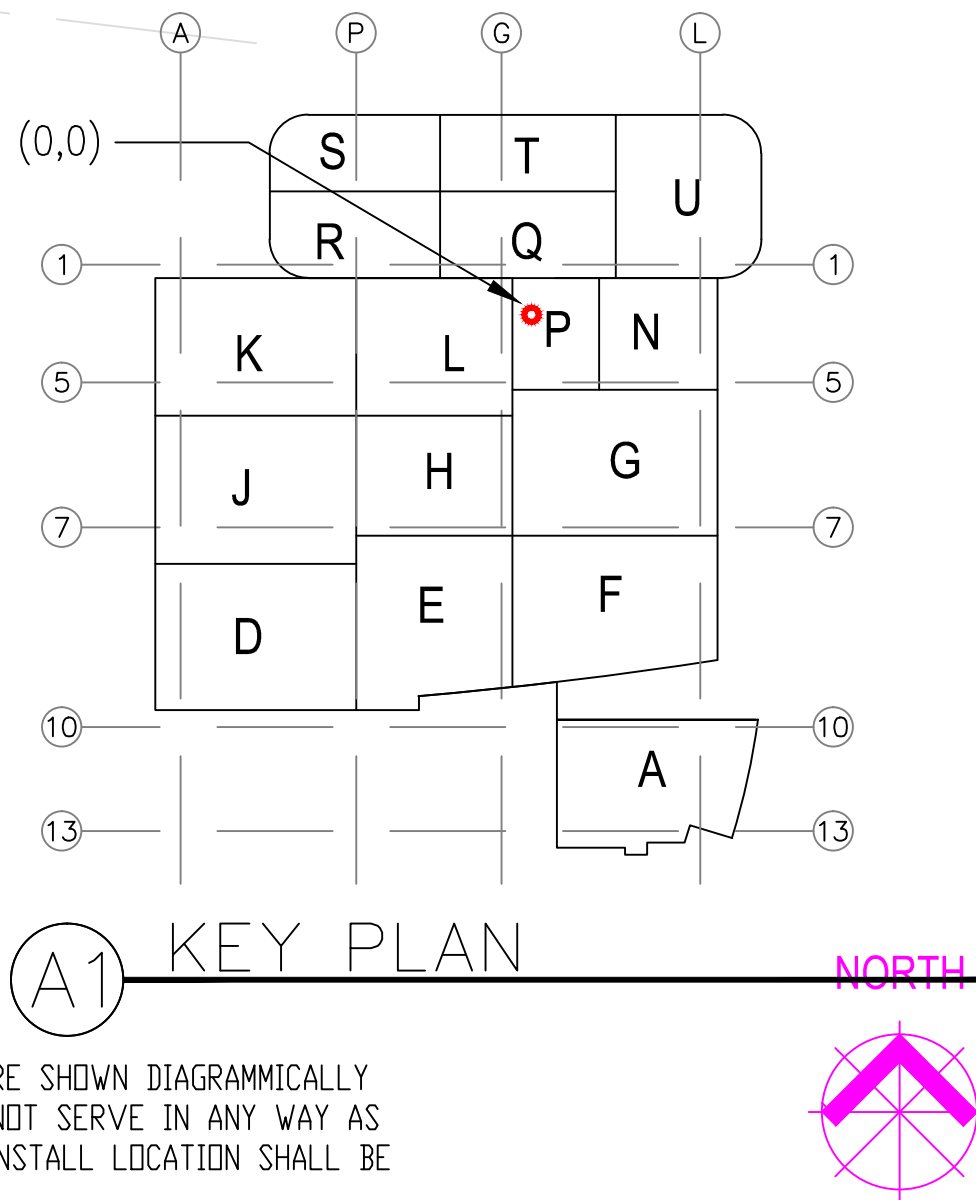
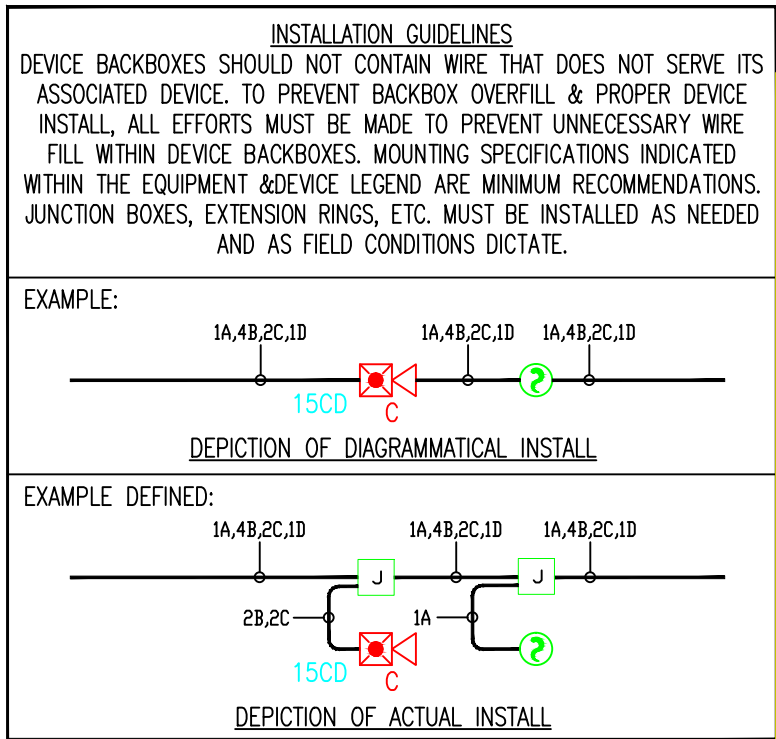
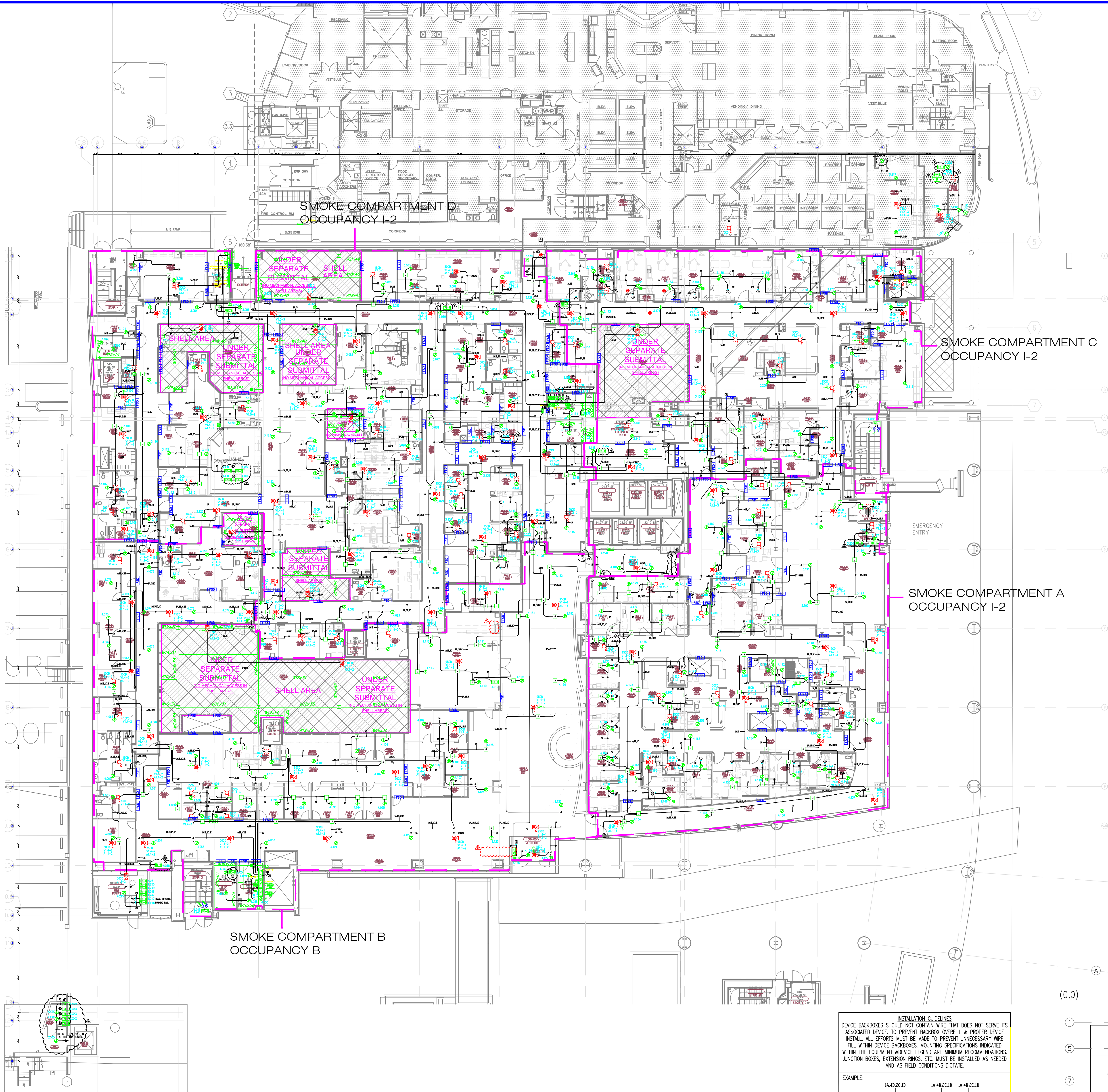
MCCARTHY APPROVAL

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

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McCarthy

By: _____ Date: _____
SHOP 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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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	11/21/12	DESIGN REVISION	
3	07/21/11	DESIGN REVISION	
4	05/02/11	FULLERTON FIRE DEPARTMENT CORRECTIONS	
5	11/30/10	DESIGN REVISION	LF
6	07/30/10	DESIGN REVISION	LF
7	11/05/09	BACKGROUND REVISIONS	FM

Drawn: H.JEANG
Checked: -
Approved: -
Date: 07.30.09
Scale: 0'-1/16" = 1'-0"

FIRE ALARM FLOORPLAN
LEVEL 1 - COMPOSITE

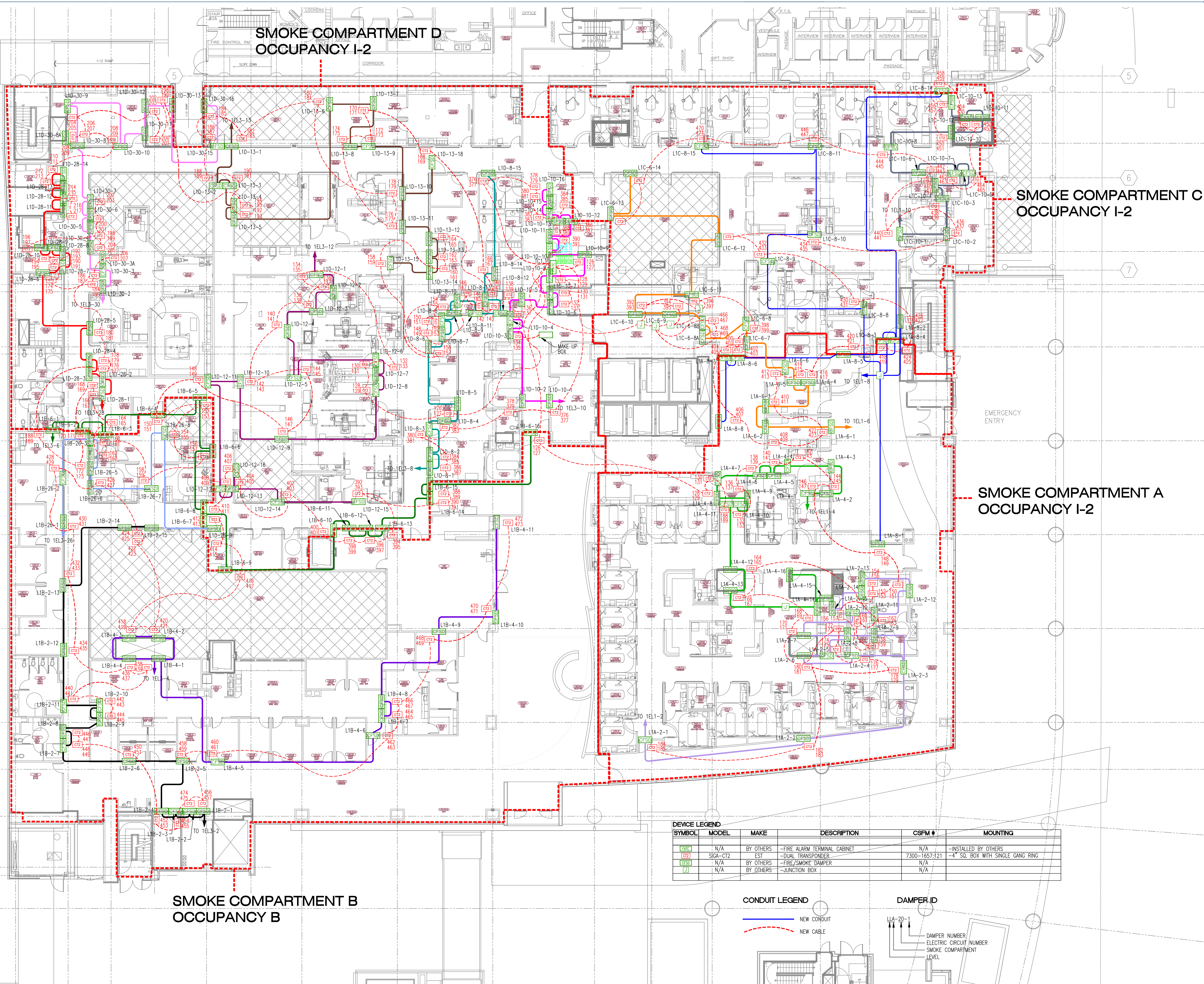
Job Number: 440P-056306

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

Drawing Number: EF1.10

DAMPER MONITORING SYSTEM

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



SMOKE COMPARTMENT C
OCCUPANCY I-2

SMOKE COMPARTMENT A
OCCUPANCY I-2

SMOKE COMPARTMENT B
OCCUPANCY B

SMOKE COMPARTMENT D
OCCUPANCY I-2

SYMBOL	MODEL	MAKE	DESCRIPTION	CSFM #	MOUNTING
[FIRE]	N/A	BY OTHERS	-FIRE ALARM TERMINAL CABINET	N/A	-INSTALLED BY OTHERS
[CT2]	SIGA-CT2	EST	-DUAL TRANSPONDER	7300-1657121	-4" SQ. BOX WITH SINGLE GANG RING
[CFSD]	N/A	BY OTHERS	-FIRE/SMOKE DAMPER	N/A	
[J]	N/A	BY OTHERS	-JUNCTION BOX	N/A	

CONDUIT LEGEND

— NEW CONDUIT
- - - NEW CABLE

DAMPER ID

L1A-20-1
DAMPER NUMBER
ELECTRIC CIRCUIT NUMBER
SMOKE COMPARTMENT
LEVEL

REVISIONS

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

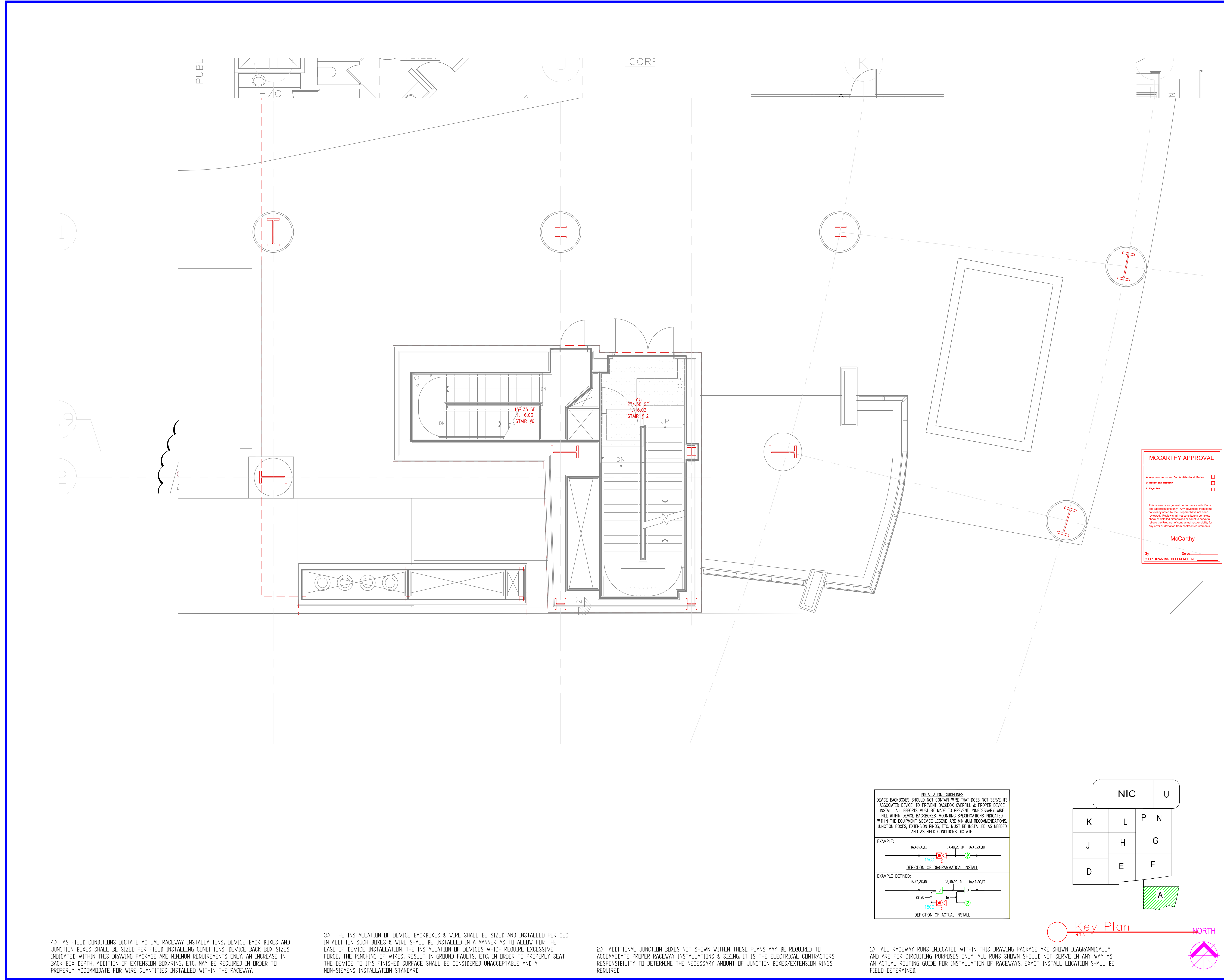
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DRAWING DATE: 03/08/11
SCALE: 1/16" = 1'-0"
FILE NAME: FA000LDWG
DESIGNED BY: C.S.
PROJECT MANAGER: KYLE OBERMIRE
CONTACT NUMBER: (909) 305-1600

SHEET TITLE
DAMPER MONITORING SYSTEM
LEVEL 1
SHEET No.
FA-00.1



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

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C. Reissue

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By: _____ Date: _____
CHOP DRAWING REFERENCE NO. _____

<input type="checkbox"/> MXL	<input type="checkbox"/> VOICE	<input type="checkbox"/> XL3	<input type="checkbox"/> SYSTEM3
<input checked="" type="checkbox"/> XLS	<input type="checkbox"/> FS-250	<input type="checkbox"/> EST3	<input type="checkbox"/> OTHER

OSHPD NO. #: IL-072072-30

Δ	07/20/12	DESIGN REVISION	-
Δ	11/21/11	DEPARTMENT CORRECTIONS	-
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Δ	05/02/11	FULLERTON FIRE DEPARTMENT CORRECTIONS	-
Δ	11/30/10	DISPATCH CENTER CORRECTIONS	LF
Δ	07/30/10	OSHPD BACKLOG CORRECTIONS	LF
Δ	11/05/09	BACKGROUND REVISIONS	FM

Rev No.	Date	Remarks	Initial
Drawn	H.JEANG		
Checked	-		
Approved	-		
Date:	07.30.09		
Scale:	0'-1/4" = 1'-0"		

RECORD DRAWINGS

FIRE ALARM FLOORPLAN
LEVEL 1 - AREA A

Job Number: 440P-056306

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

Drawing Number: EF3.1A

INSTALLATION GUIDELINES

DEVICE BACKBOXES SHOULD NOT CONTAIN WIRE THAT DOES NOT SERVE ITS ASSOCIATED DEVICE TO PREVENT BACKBOX OVERFILL & PROPER DEVICE INSTALL. ALL EFFORTS MUST BE MADE TO PREVENT UNNECESSARY WIRE FILL WITHIN DEVICE BACKBOXES. MOUNTING SPECIFICATIONS INDICATED WITHIN THE EQUIPMENT AGENCY LOGO ARE MINIMUM RECOMMENDATIONS. JUNCTION BOXES, EXTENSION RINGS, ETC. MUST BE INSTALLED AS NEEDED AND AS FIELD CONDITIONS DICTATE.

EXAMPLE:

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EXAMPLE DEFINED:

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Key Plan
N.T.S.

NIC

U

K

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P

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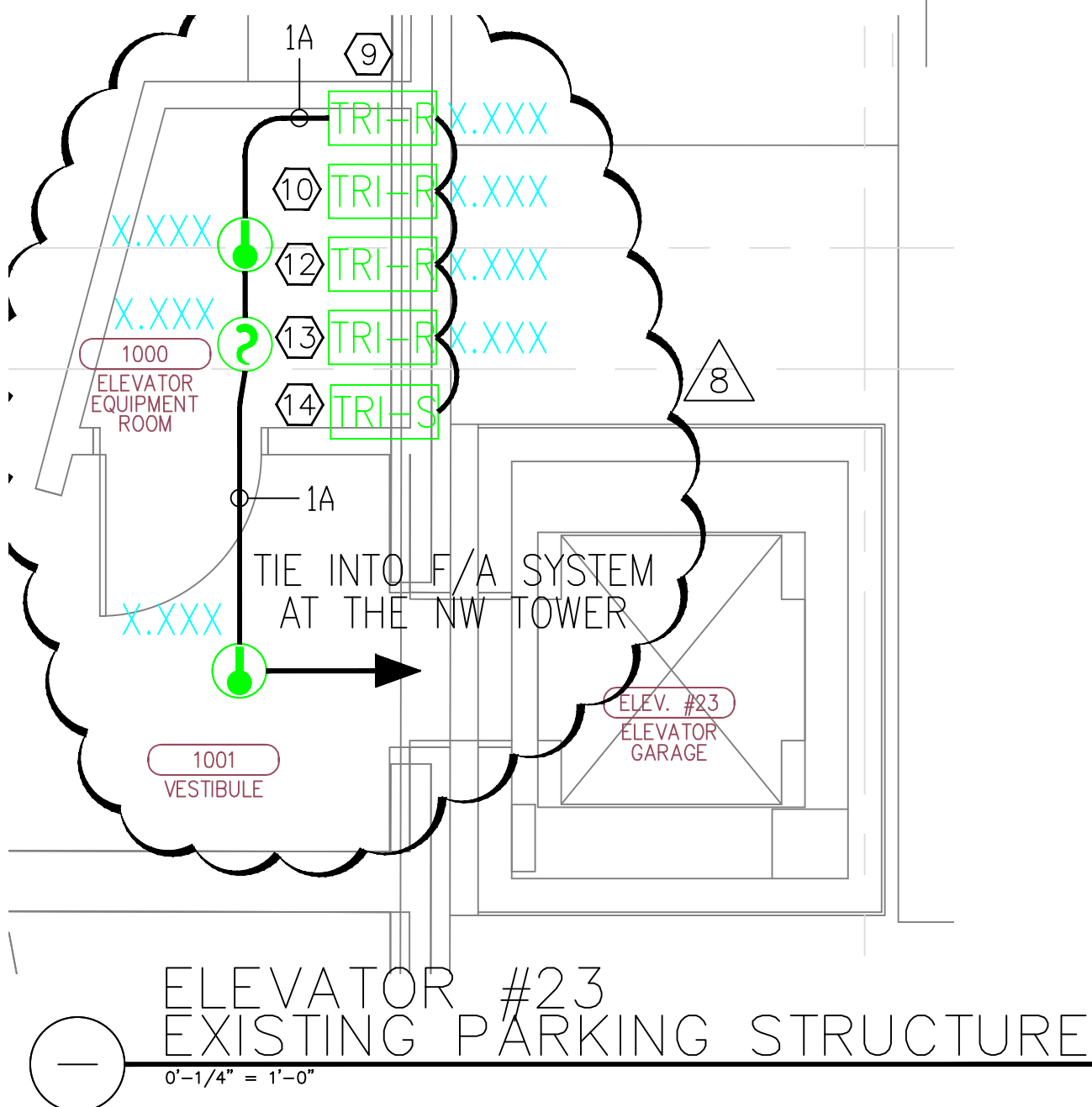
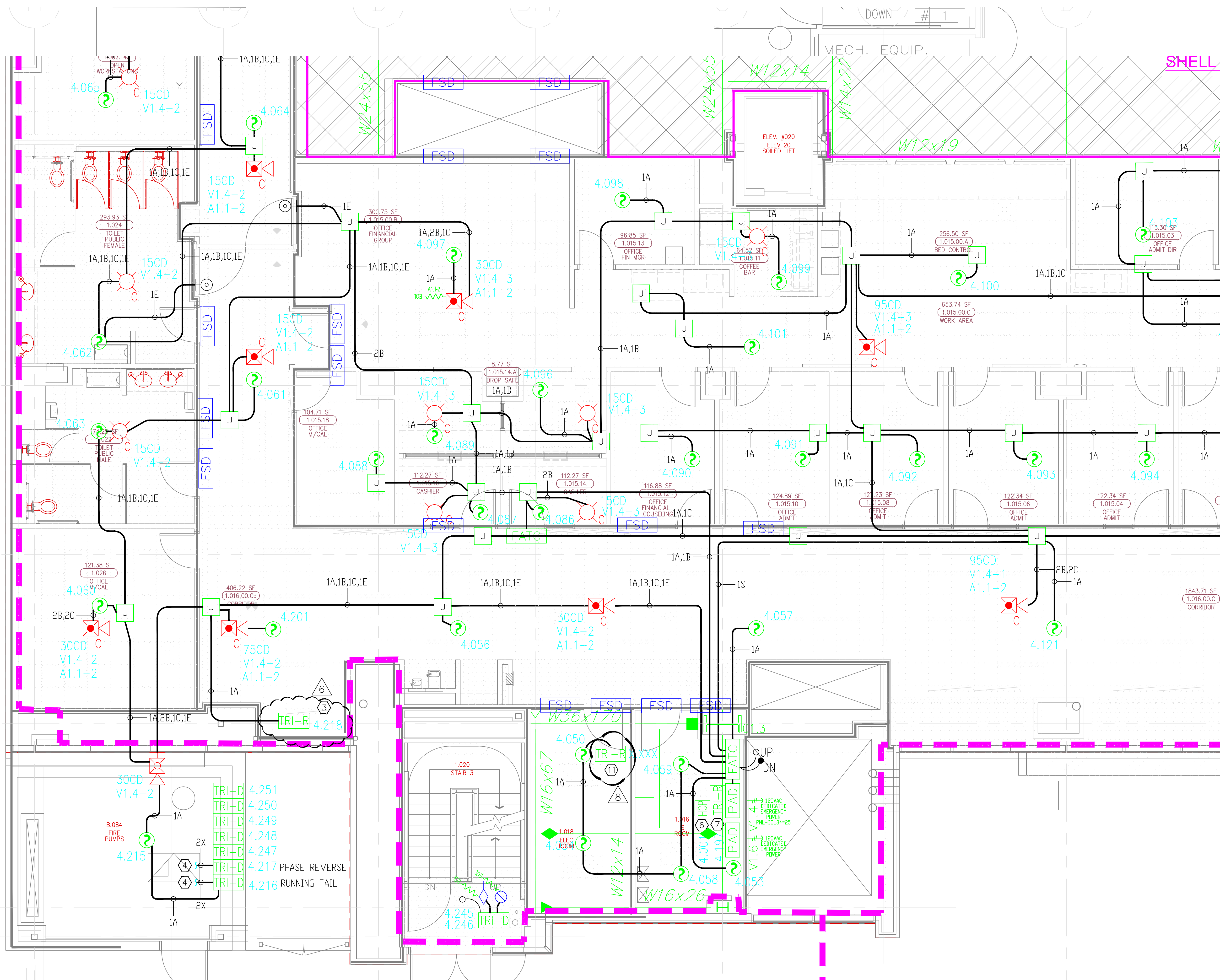
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F

A

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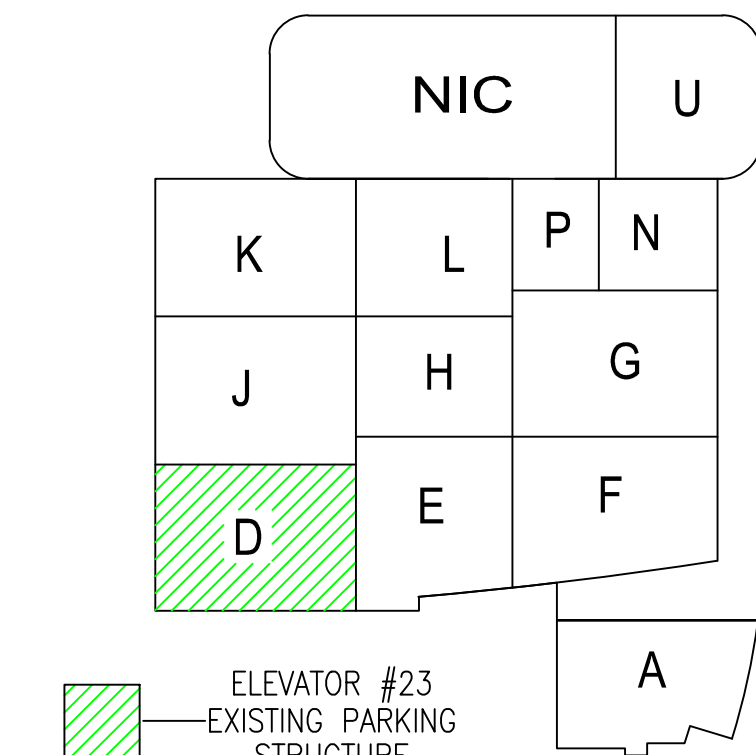
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Key Plan
N.T.S.

NORTH

FIRE ALARM FLOORPLAN
LEVEL 1 - AREA D

Job Number: 44OP-056306

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

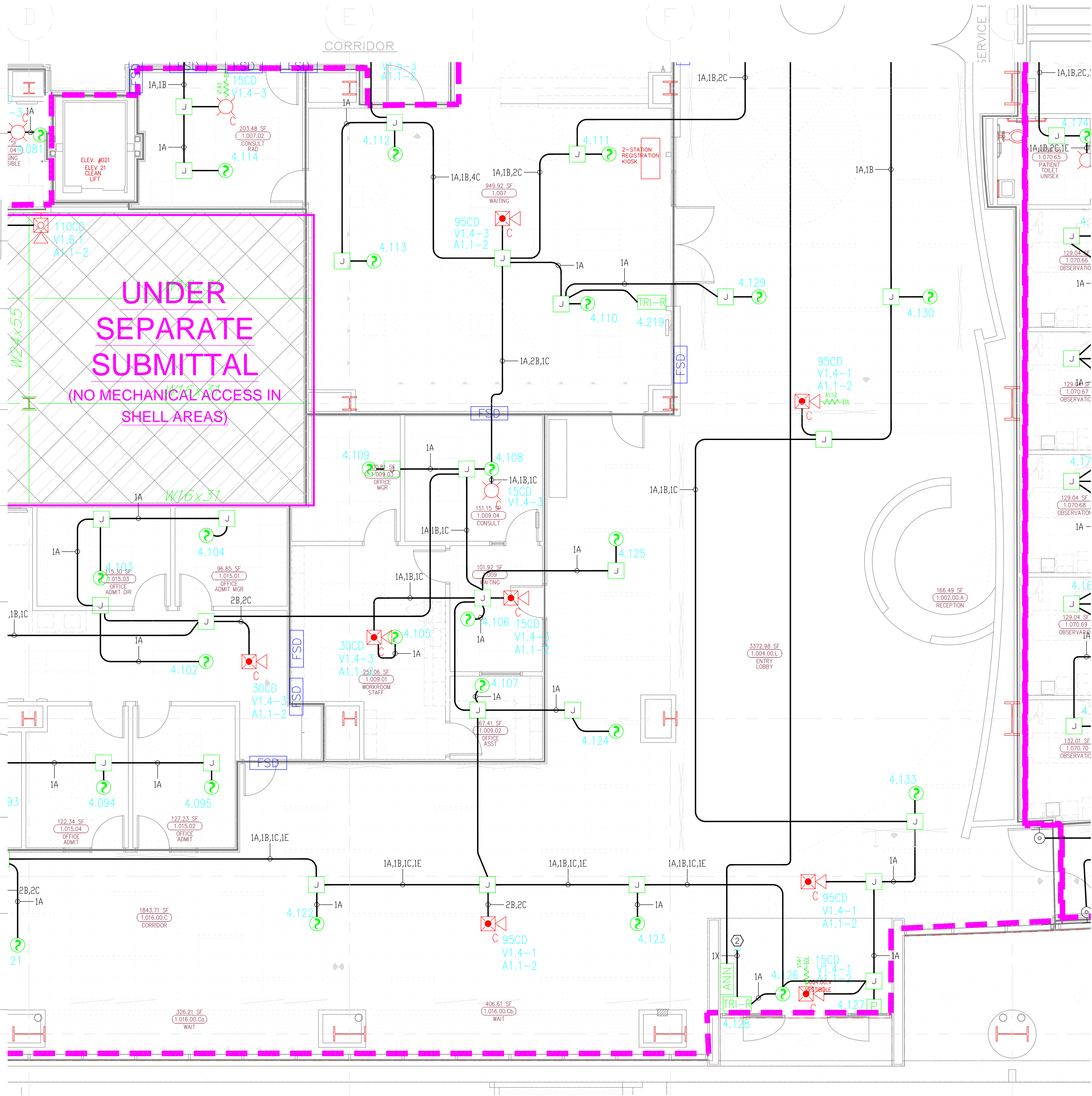
Drawing Number: EF3.1D

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EXPIRATION DATE: 11/30/2012
RICHARD TAYLOR



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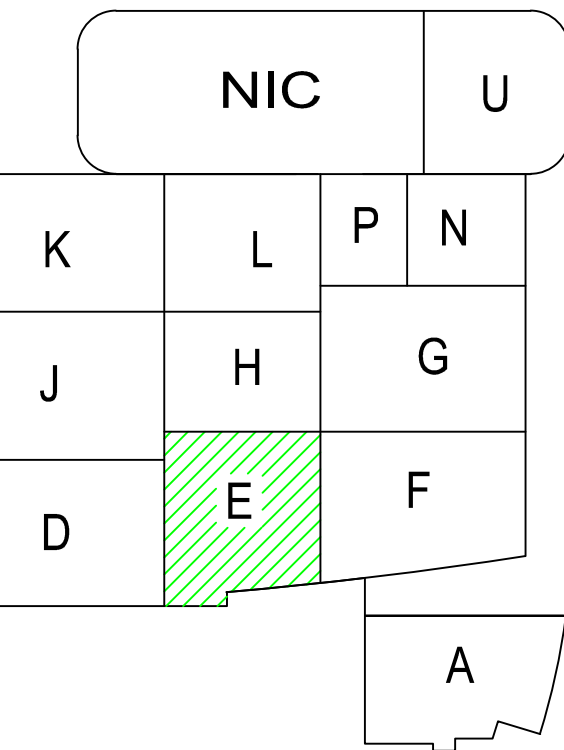
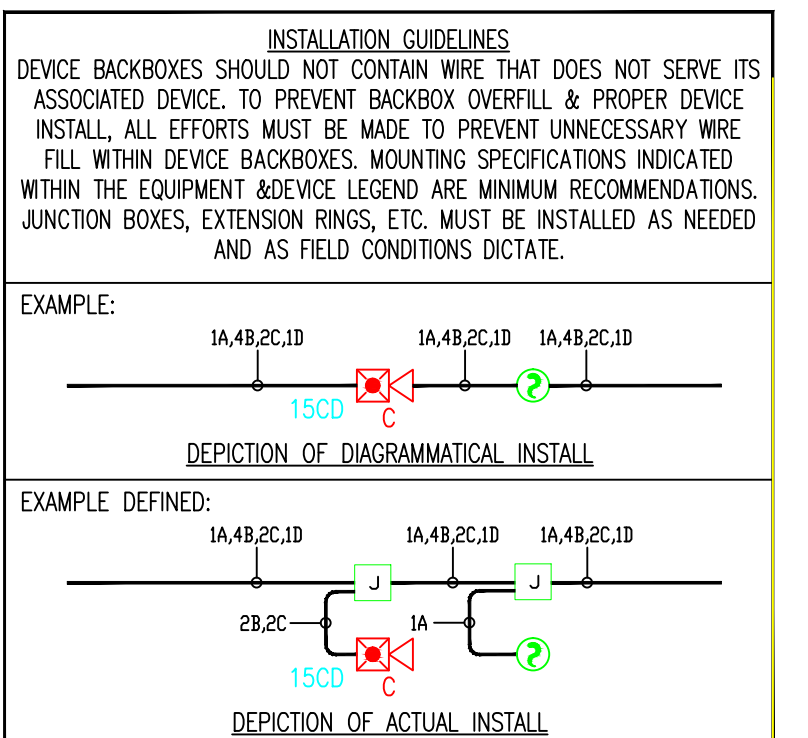
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FIRE ALARM FLOORPLAN
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 - ③ INTERFACE TO VEN DOOR / ROLL-DOWN DOOR / SHUTTER FOR RELEASE EQUIPMENT & POWER SHALL BE FURNISHED AND INSTALLED BY OTHERS.
 - ④ INTERFACE FOR MONITORING STATUS OF EQUIPMENT.
 - ⑤ SYNCHRONIZING CONFIGURATION OF ALL PAD PANELS.
 - ⑥ HESY ACTIVATION & MONITORING / HESY-S 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.
 - PRE-ALARM - FIRE 2
 - FIRE 1 - TROUBLE
 - ⑲ CONTROL RELAY (HTRI-2) IS PROVIDED FOR ASPIRATING SMOKE DETECTION PANEL RESET.
 - ⑳ MONITOR MODULES TO MONITOR PREACTION PANEL.
 - ALARM
 - TROUBLE
 - SUPERVISORY
 - ㉑ PROVIDE 120V AC, 200 AMPS DEDICATED CIRCUIT FOR THE POWER SUPPLY.
 - ㉒ CONTROL RELAY (HTRI-2) IS PROVIDED FOR DIMMER CONTROLS ACTIVATION.

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 Revision

Drawn: H.JEANG

Checked: -

Approved: -

Date: 07.30.09

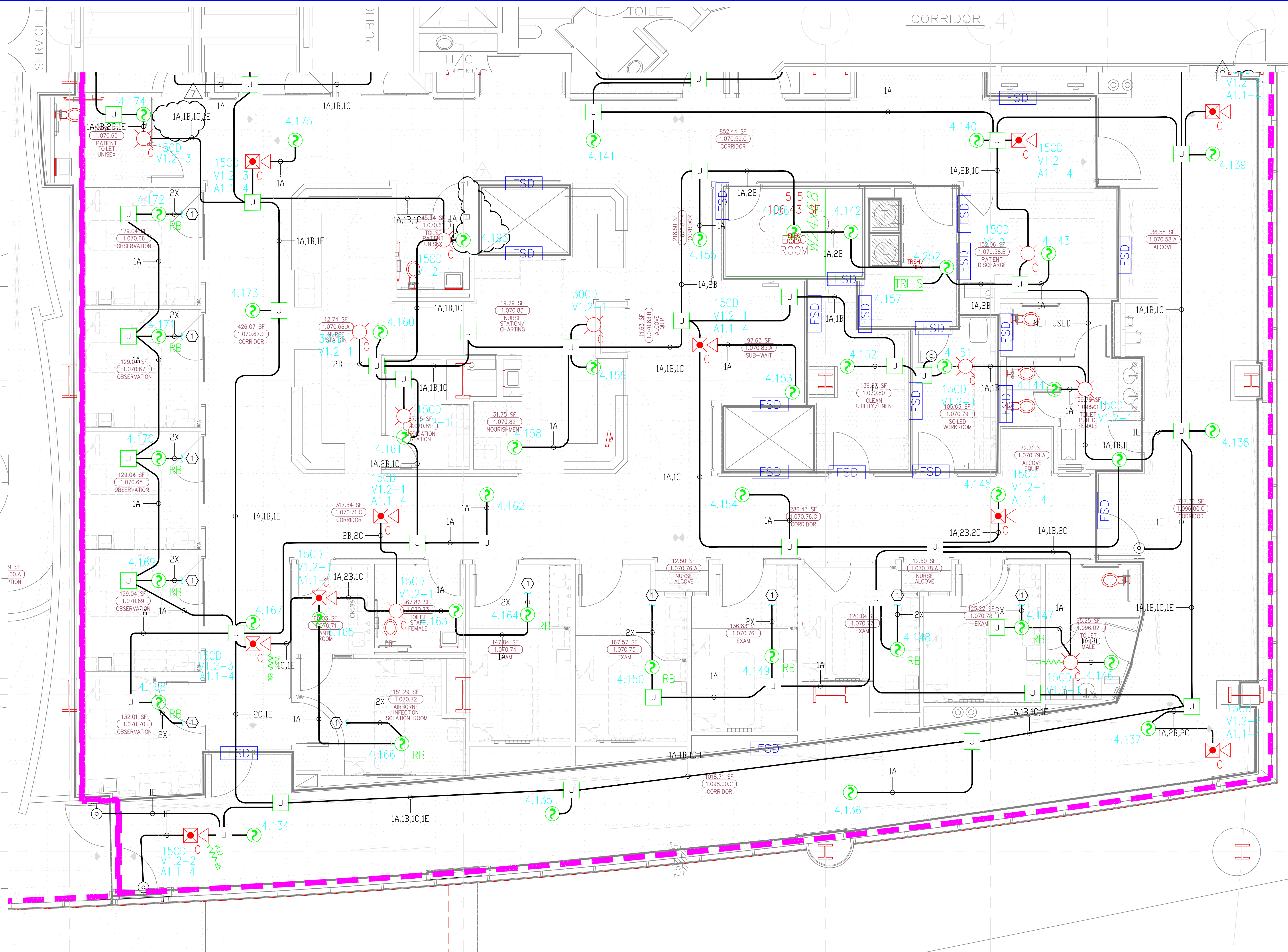
Scale: 0'-1/4" = 1'-0"

FIRE ALARM FLOORPLAN
LEVEL 1 - AREA F

Job Number: 440P-056306

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

Drawing Number: EF3.1F



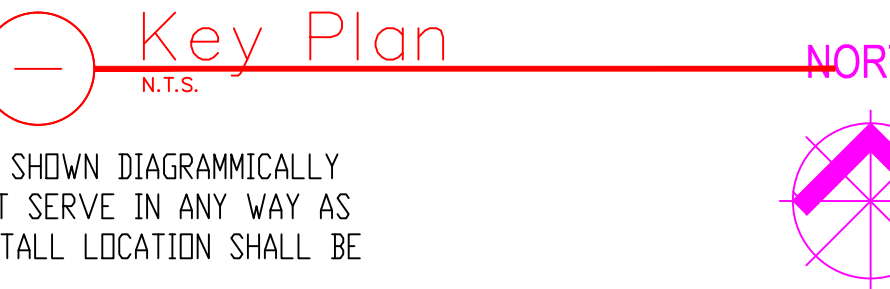
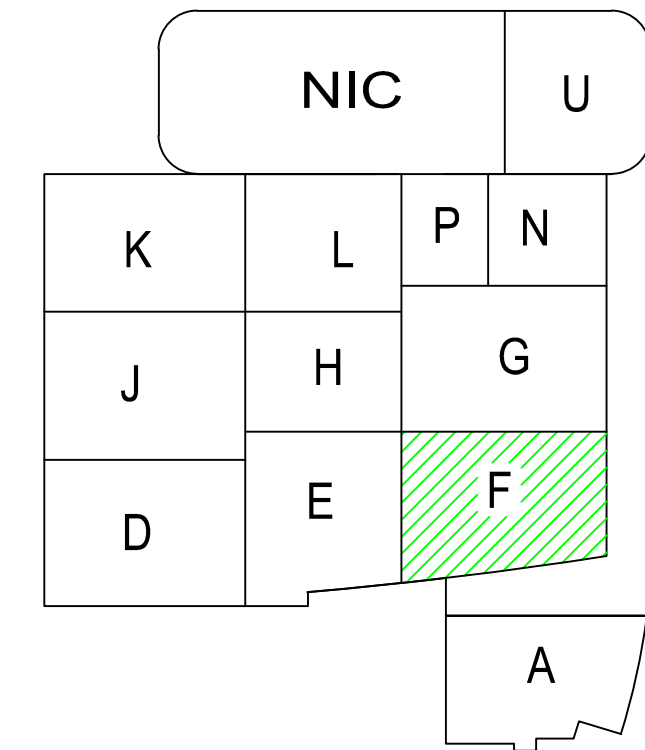
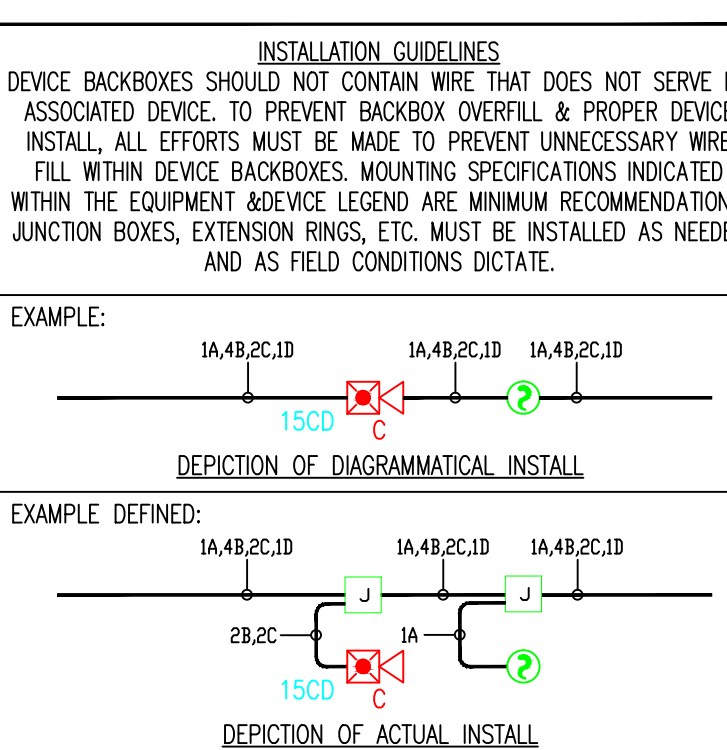
MCCARTHY APPROVAL

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

This review is for general conformance with Plans and Specifications only. Any deviations from same not clearly noted by the Approver herein do not constitute a complete release of the Approver from liability for any error or deviation from contract requirements.

McCarthy

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.

3) THE INSTALLATION OF DEVICE BACKBOXES & WIRE SHALL BE SIZED AND INSTALLED PER CEC. IN ADDITION SUCH BOXES & WIRE SHALL BE INSTALLED IN A MANNER AS TO ALLOW FOR THE EASE OF DEVICE INSTALLATION. THE INSTALLATION OF DEVICES WHICH REQUIRE EXCESSIVE FORCE, THE PINCHING OF WIRES, RESULT IN GROUND FAULTS, ETC. IN ORDER TO PROPERLY SEAT THE DEVICE TO IT'S FINISHED SURFACE SHALL BE CONSIDERED UNACCEPTABLE AND A NON-SIEMENS INSTALLATION STANDARD.

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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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

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BEC
Building Electronic Controls, Inc.

BUILDING ELECTRONIC CONTROLS, INC.

2248 Lindsay Way
Glendora, CA 91740
PHONE: (909) 305-1600
FAX #: (909) 305-1604

LICENSE NO.: 729805
CLASSIFICATION: E5-C-7 C10
EXPIRATION DATE: 11/30/2012
RICHARD TAYLOR



- NOTES:
1. INTERFACE TO PATIENT ROOM DOOR LIGHT. DOOR 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. HPIV ACTIVATION & MONITORING / HPIV-S 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.
-PRE-ALARM
-FIRE 2
-TROUBLE
19. CONTROL RELAY (HTRI-R) IS PROVIDED FOR ASPIRATING SMOKE DETECTION PANEL RESET.
 20. MONITOR MODULES TO MONITOR PREACTION PANEL.
-ALARM
-SUPERVISORY
-TROUBLE
21. PROVIDE 120V AC, 20A AMP DEDICATED CIRCUIT FOR THE POWER SUPPLY.
 22. CONTROL RELAY (HTRI-R) IS PROVIDED FOR DIMMER CONTROLS ACTIVATION.

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	11/27/11	DESIGN REVISION	
3	07/21/11	DESIGN REVISION	
4	05/02/11	FULLERTON FIRE DEPARTMENT CORRECTIONS	
5	11/30/10	DISPATCH AREA	LF
6	07/30/10	DISPATCH AREA	LF
7	11/05/09	BACKGROUND REVISIONS	FM

Rev No. Date Remarks Initial

Drawn: H.JEANG

Checked: -

Approved: -

Date: 07.30.09

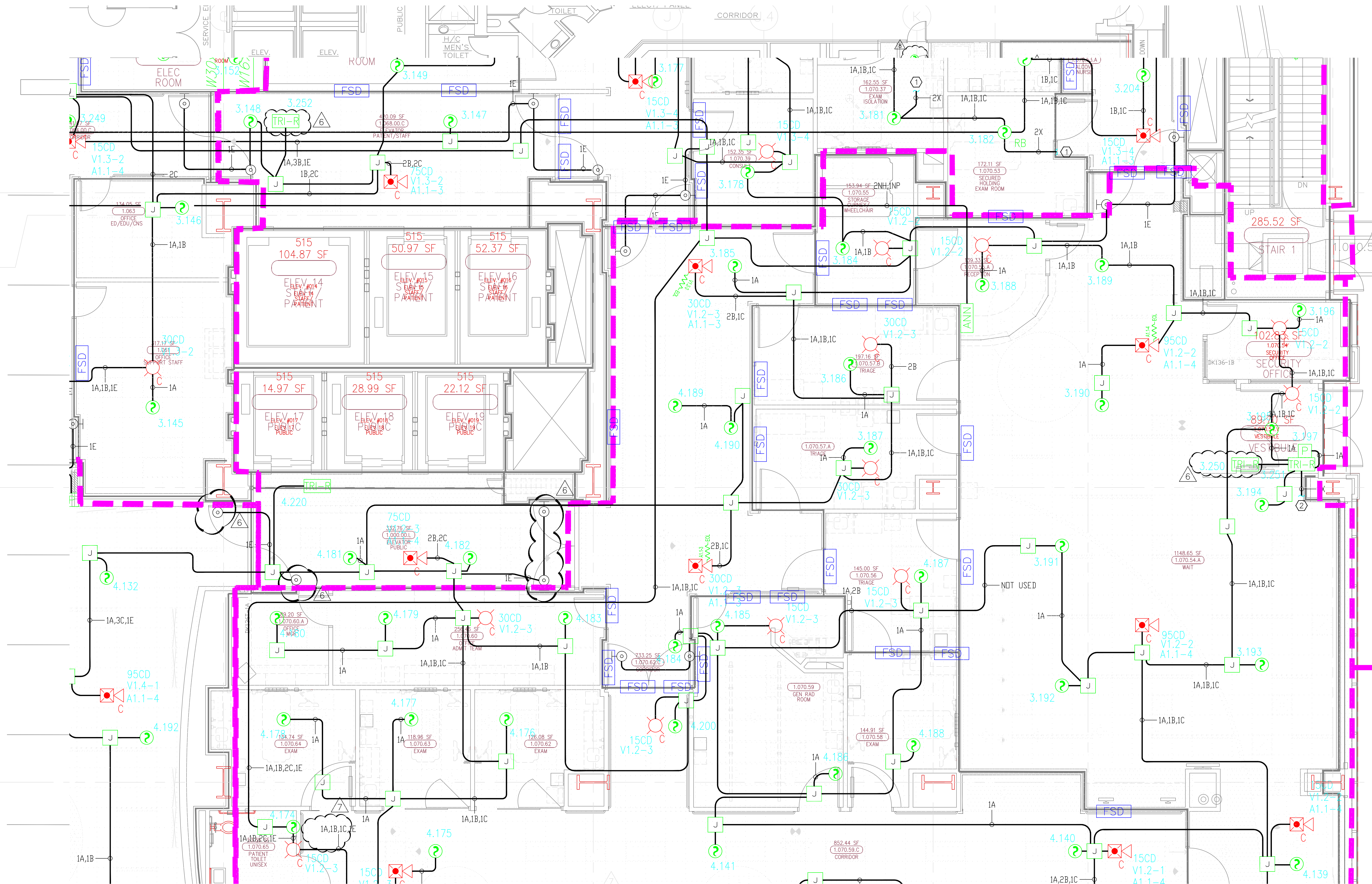
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FIRE ALARM FLOORPLAN
LEVEL 1 - AREA G

Job Number: 440P-056306

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

Drawing Number: EF3.1G



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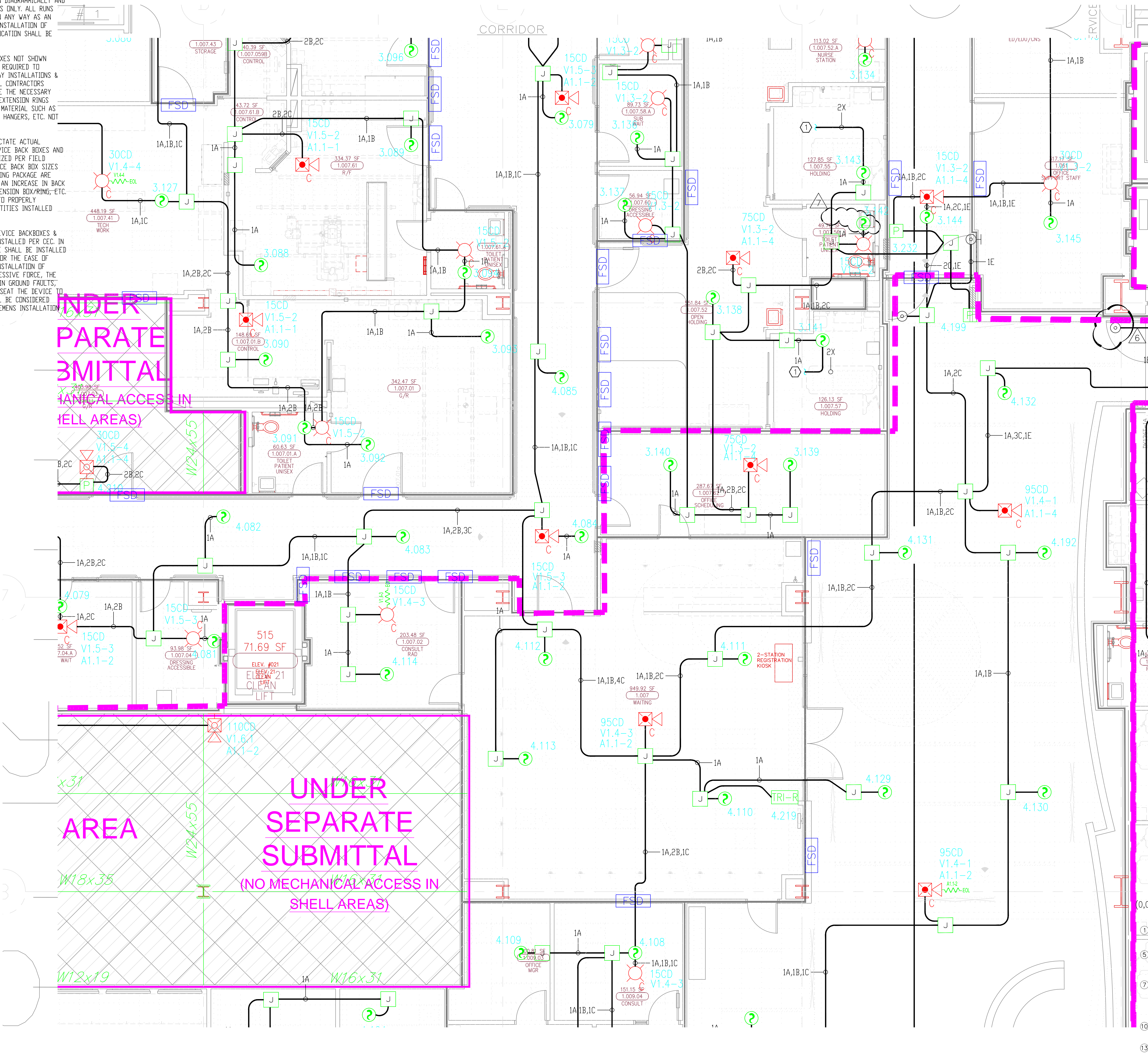
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UNDER
SEPARATE
SUBMITTAL
(NO MECHANICAL ACCESS IN
SHELL AREAS)

UNDER
SEPARATE
SUBMITTAL
(NO MECHANICAL ACCESS IN
SHELL AREAS)



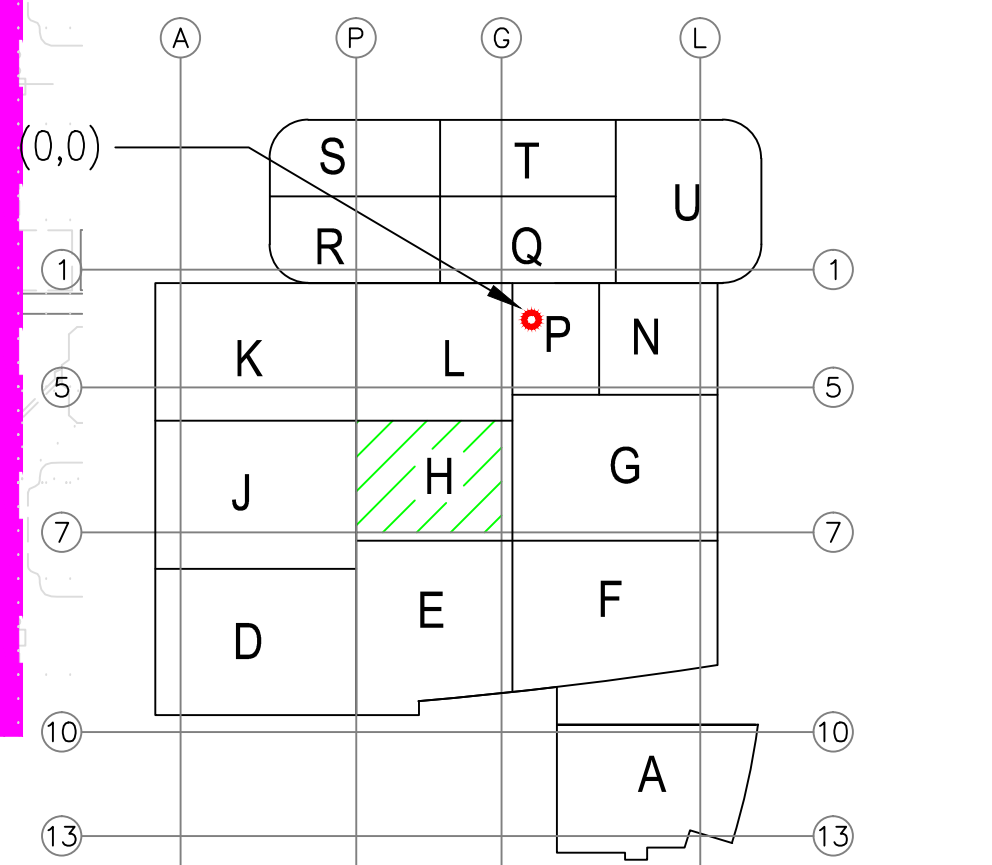
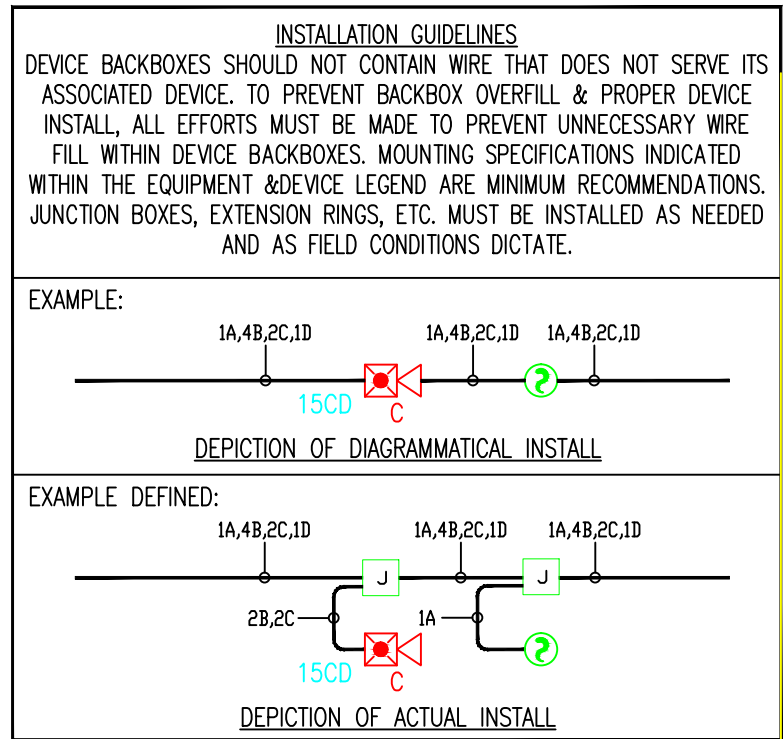
MCCARTHY APPROVAL

A. Approved as noted for architectural Review
B. Review and Reinstall
C. Reinspect

This review is for general conformance with Plans and Specifications only. Any deviations from same not clearly noted by the Inspector have not been reviewed. Reviewer shall not constitute a complete check of installed dimensions or count to verify to release the Installer of contractual responsibility for any error or deviation from contract requirements.

McCarthy

By: _____ On: _____
CHOP DRAWING REFERENCE NO. _____



SIEMENS

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

Siemens Building Technologies, Inc.
FIS FIRE/LIFE SAFETY DIVISION

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

NOTES:

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- ⑨ INTERFACE FOR ELEVATOR RECALL (PRIMARY)
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- ⑰ INTERFACE FOR MONITORING OF DISCONNECT SWITCH
- ⑱ MONITOR MODULE TO MONITOR ASPIRATING SMOKE DETECTION PANEL.
- ⑲ MONITOR MODULE TO MONITOR PREACTION PANEL.
- ⑳ MONITOR MODULE TO MONITOR PREACTION PANEL.
- ㉑ MONITOR MODULE TO MONITOR PREACTION PANEL.
- ㉒ MONITOR MODULE TO MONITOR PREACTION PANEL.
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- ㊾ MONITOR MODULE TO MONITOR PREACTION PANEL.
- ㊿ MONITOR MODULE TO MONITOR PREACTION PANEL.

Legend:

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

OSHPD NO. #: IL-072072-30

Rev No.	Date	Remarks	Initial
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11/27/12	11/27/12	DESIGN REVISION	
07/27/11	07/27/11	DESIGN REVISION	
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11/30/10	11/30/10	DESIGN REVISION	
07/30/10	07/30/10	DESIGN REVISION	
11/05/09	11/05/09	BACKGROUND REVISIONS	

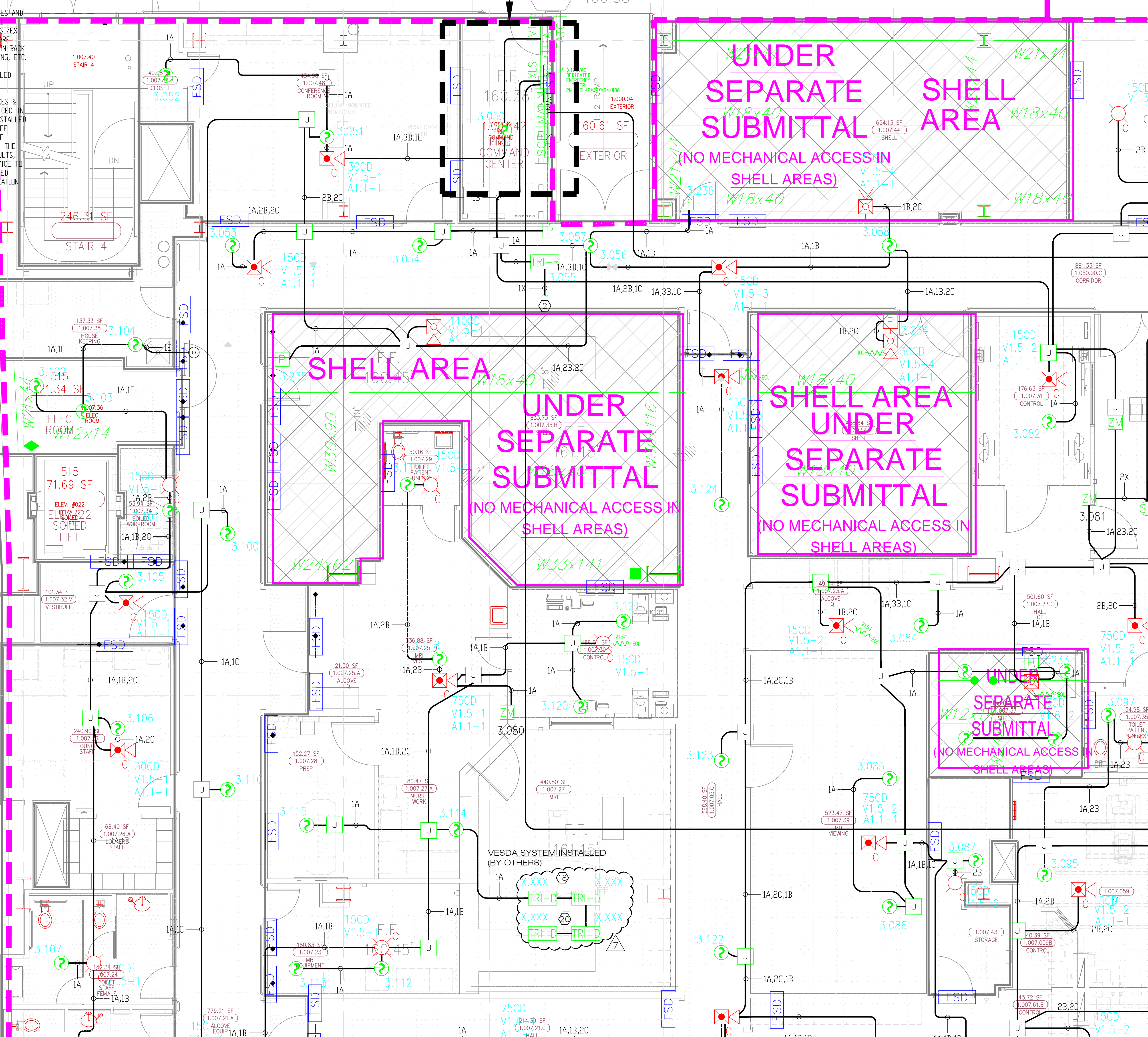
Job Number: 440P-056306

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

Drawing Number: EF3.1H

4.) THE INSTALLATION OF DEVICE BACKBOXES & WIRE SHALL BE SIZED AND INSTALLED PER NEC. IN ADDITION SUCH BOXES & WIRE SHALL BE INSTALLED IN A MANNER AS TO ALLOW FOR THE EASE OF DEVICE INSTALLATION. THE INSTALLATION OF DEVICES WHICH REQUIRE EXCESSIVE FORCE, THE PINCHING OF WIRES, RESULT IN GROUND FAULTS, ETC. IN ORDER TO PROPERLY SEAT THE DEVICE TO IT'S FINISHED SURFACE SHALL BE CONSIDERED UNACCEPTABLE AND A NON-SIEMENS INSTALLATION STANDARD.

OCCUPANCY



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Cypress, California 90630 USA
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- ⑰ INTERFACE FOR MONITORING OF DISCONNECT SWITCH
- ⑱ MONITOR MODULE TO MONITOR ASPIRATING SMOKE DETECTION PANEL.
 - PRE-ALARM -FIRE 2
 - TROUBLE
- ⑲ (OPTIONAL) RELAY CONTACT IS PROVIDED FOR ASPIRATING SMOKE DETECTION PANEL RESET.
- ⑳ MONITOR MODULES TO MONITOR PREACTION PANEL.
 - ALARM
 - SUPERVISORY
 - TROUBLE
- ㉑ PROVIDE 120V AC, 2.00 AMPS DEDICATED CIRCUIT FOR THE POWER SUPPLY.
- ㉒ CONTROL RELAY (HTR)-R IS PROVIDED FOR DIMMER CONTROLS ACTIVATION.

McCarthy

INSTALLATION GUIDELINES

DEVICE BACKBOXES SHOULD NOT CONTAIN WIRE THAT DOES NOT SERVE ITS ASSOCIATED DEVICE. TO PREVENT BACKBOX OVERFILL & PROPER DEVICE INSTALL, ALL EFFORTS MUST BE MADE TO PREVENT UNNECESSARY WIRE FILL WITHIN DEVICE BACKBOXES. MINIMIZING SPOOLS/CONDUITS INDICATED WITHIN THE EQUIPMENT AREAS LEADING ARE MINIMUM RECOMMENDATIONS. JUNCTION BOXES, EXTENSION RINGS, ETC. MUST BE INSTALLED AS NEEDED AND AS FIELD CONDITIONS DICTATE.

EXAMPLE:

DEFINITION OF DIAGRAMMATICAL, INSTALL

EXAMPLE DEFINED:

DEFINITION OF ACTUAL, INSTALL

<input type="checkbox"/> MXL	<input type="checkbox"/> VOICE	<input type="checkbox"/> XL3	<input type="checkbox"/> SYSTEM
<input checked="" type="checkbox"/> XLS	<input type="checkbox"/> FS-250	<input type="checkbox"/> EST3	<input type="checkbox"/> OTHER

OSHPD NO. #: IL-072072-30

△	07/20/12	DESIGN REVISION	-
△	11/21/11	DESIGN REVISION	-
△	07/21/11	DESIGN REVISION	-
△	05/02/11	FULLERTON FIRE DEPARTMENT CORRECTIONS	-
△	11/30/10	BSPP BACKGROUNDS	LF
△	07/30/10	BSPP BACKGROUNDS	-
△	11/05/09	BACKGROUND REVISIONS	PM

Rev No.	Date	Remarks	Initial
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Drawn: H.JEANG

Checked: —

Approved: —

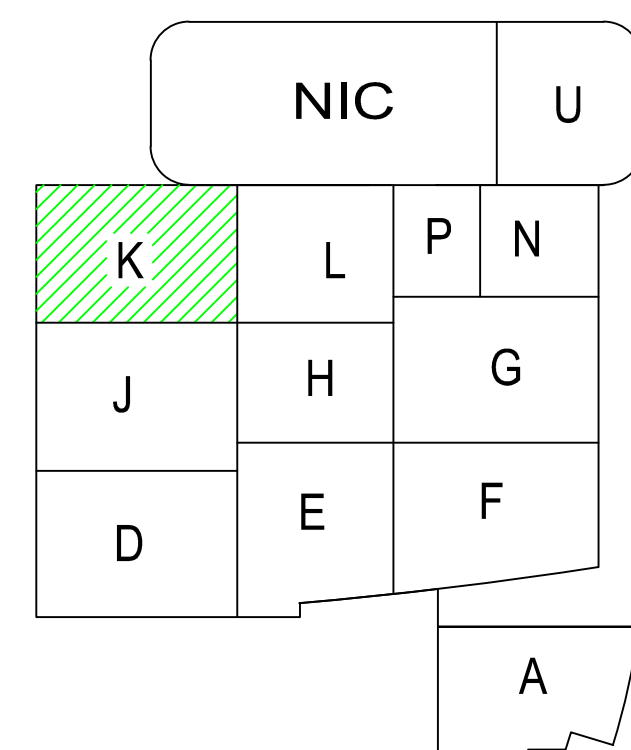
Date:	07.30.09
Scale:	$0'-1/4" = 1'-0"$

FIRE ALARM FLOORPLAN
LEVEL 1 – AREA K

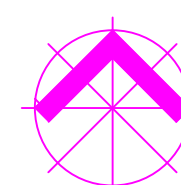
Job Number: 44OP-056306

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

Drawing Number: EF3.1K



Key Plan

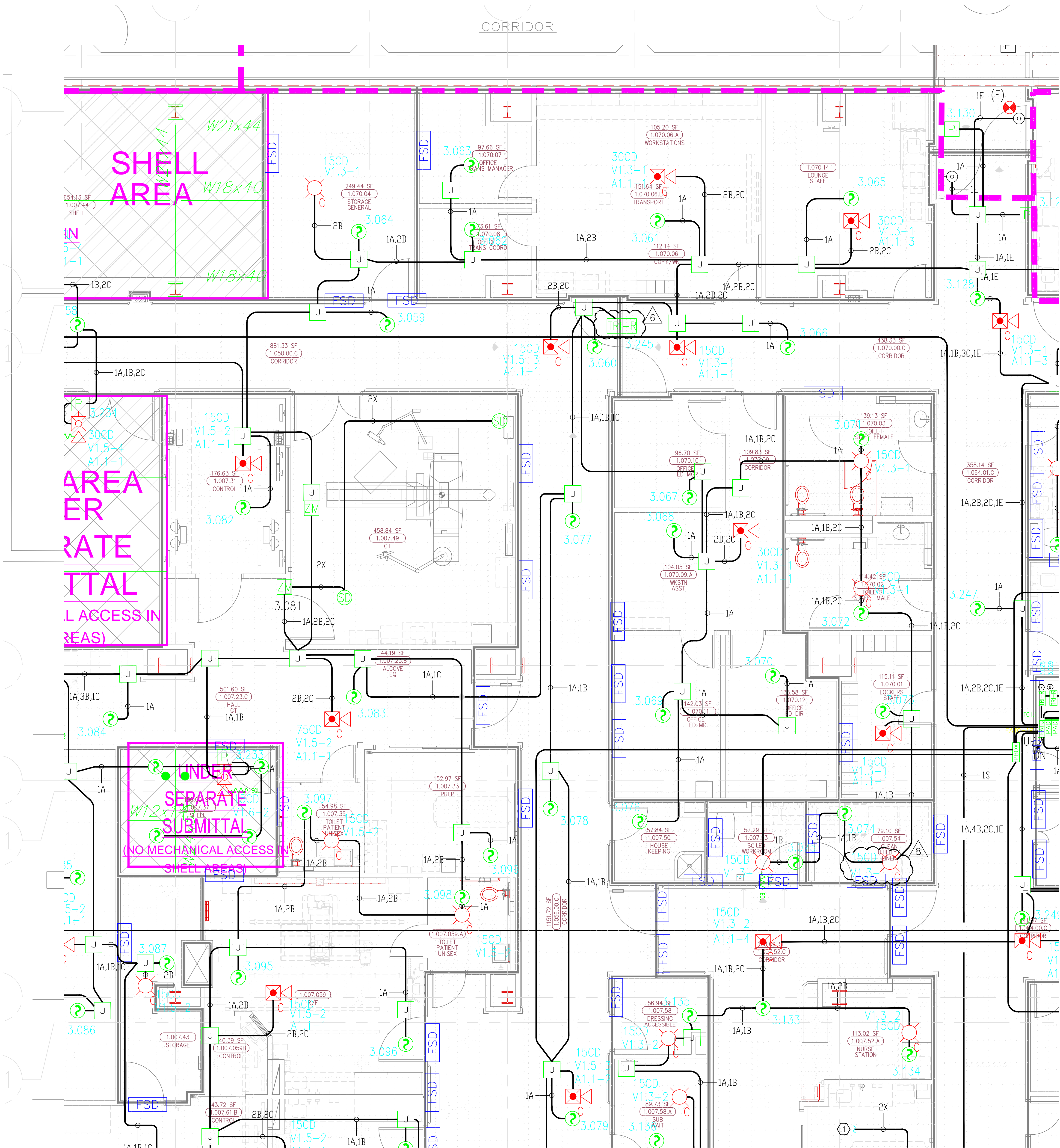


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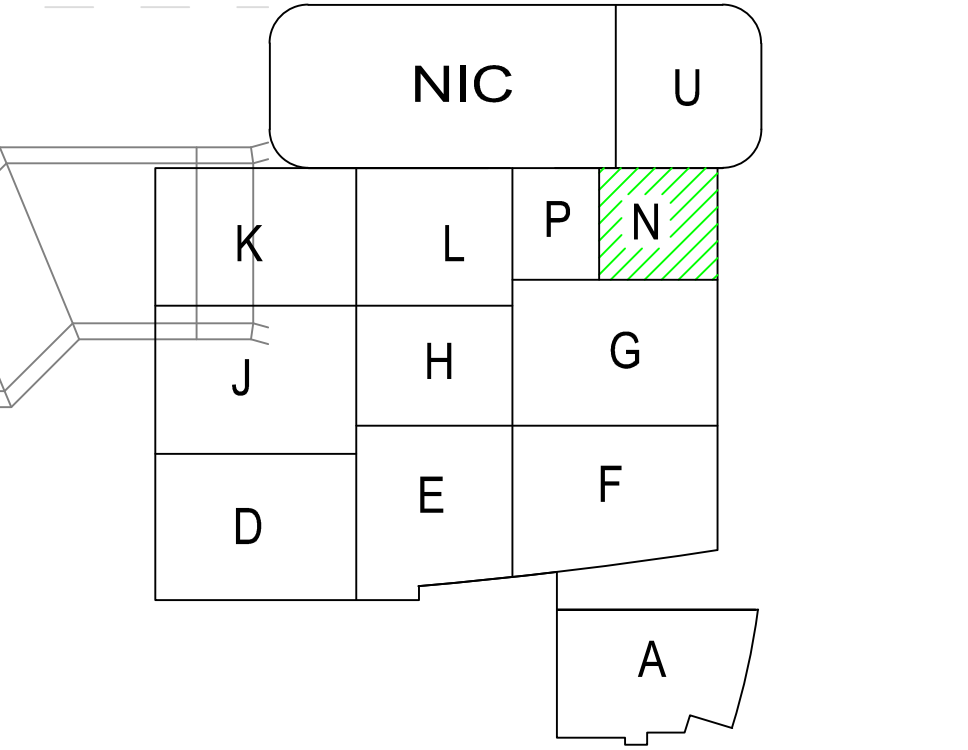
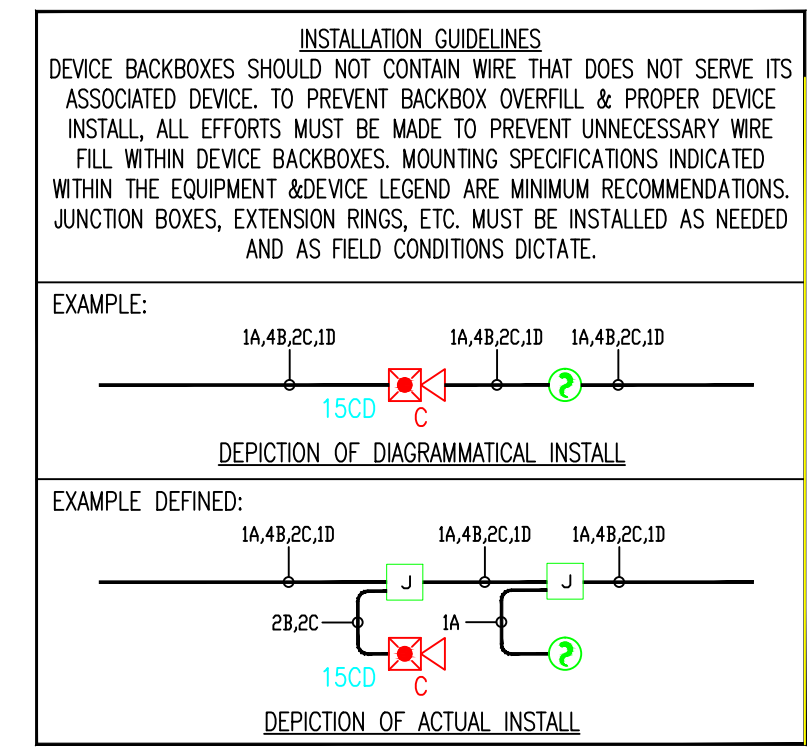
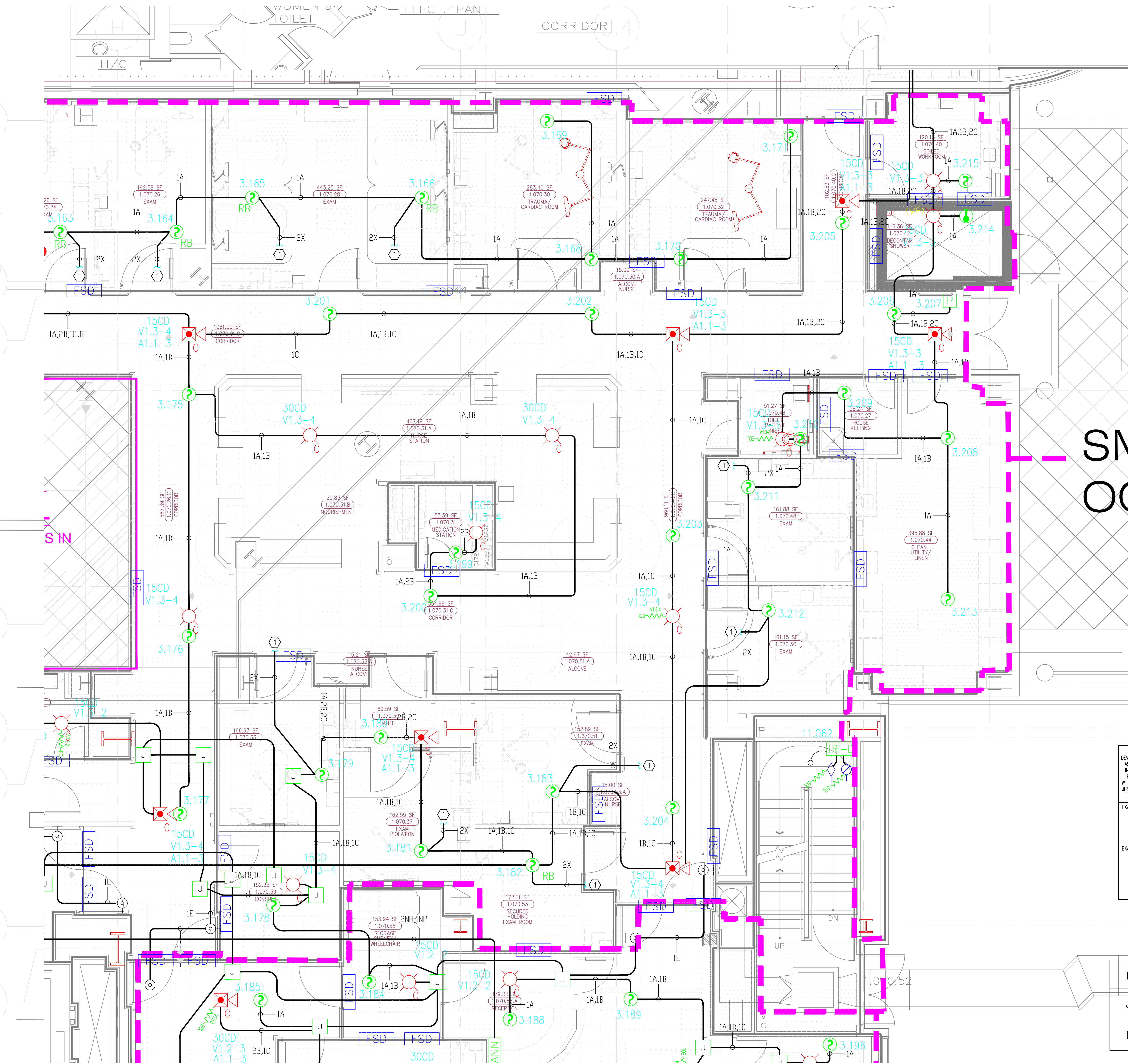


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FIS FIRE/LIFE SAFETY DIVISION
10775 Business Center Drive
Cypress, California 90630 USA
Phone: (714) 761-2200
Fax: (714) 220-4958

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BEC

Building Electronic Controls, Inc.

BUILDING ELECTRONIC CONTROLS, INC.
2246 Lindsay Way
Blandon, CA 91740
PHONE: (909) 305-1600
FAX #: (909) 305-1604
LICENSE NO.: 729805
CLASSIFICATION: ESI, E-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.
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- ⑰ INTERFACE FOR MONITORING OF DISCONNECT SWITCH
- ⑱ MONITOR MODULE TO MONITOR ASPIRATING SMOKE DETECTION PANEL.
- ⑲ MONITOR MODULE TO MONITOR ASPIRATING SMOKE DETECTION PANEL.
- ⑳ MONITOR MODULE TO MONITOR PREACTION PANEL.
- ㉑ MONITOR MODULE TO MONITOR PREACTION PANEL.
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McCarthy APPROVAL

Approved as noted for Architectural Review

Reviewed and Accepted

Revised

This is a general reference to the Plans and Specifications only. Any deviation from same not clearly noted by the Engineer hereon shall be deemed to be a deviation from the Plans and Specifications. The Engineer shall not be responsible for any error or omission from correct requirements.

McCarthy

By: _____ Date: _____

CHOP DRAWING REFERENCE NO. _____

Legend:

- MXL
- XS
- VOICE
- FS-250
- XL3
- EST3
- SYSTEM3
- OTHER

OSHPD NO. #: IL-072072-30

RECORD DRAWINGS

Rev No. Date Remarks Initial

Drawn: H.JEANG

Checked: -

Approved: -

Date: 07.30.09

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

FIRE ALARM FLOORPLAN
LEVEL 1 - AREA N

Job Number: 440P-056306

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

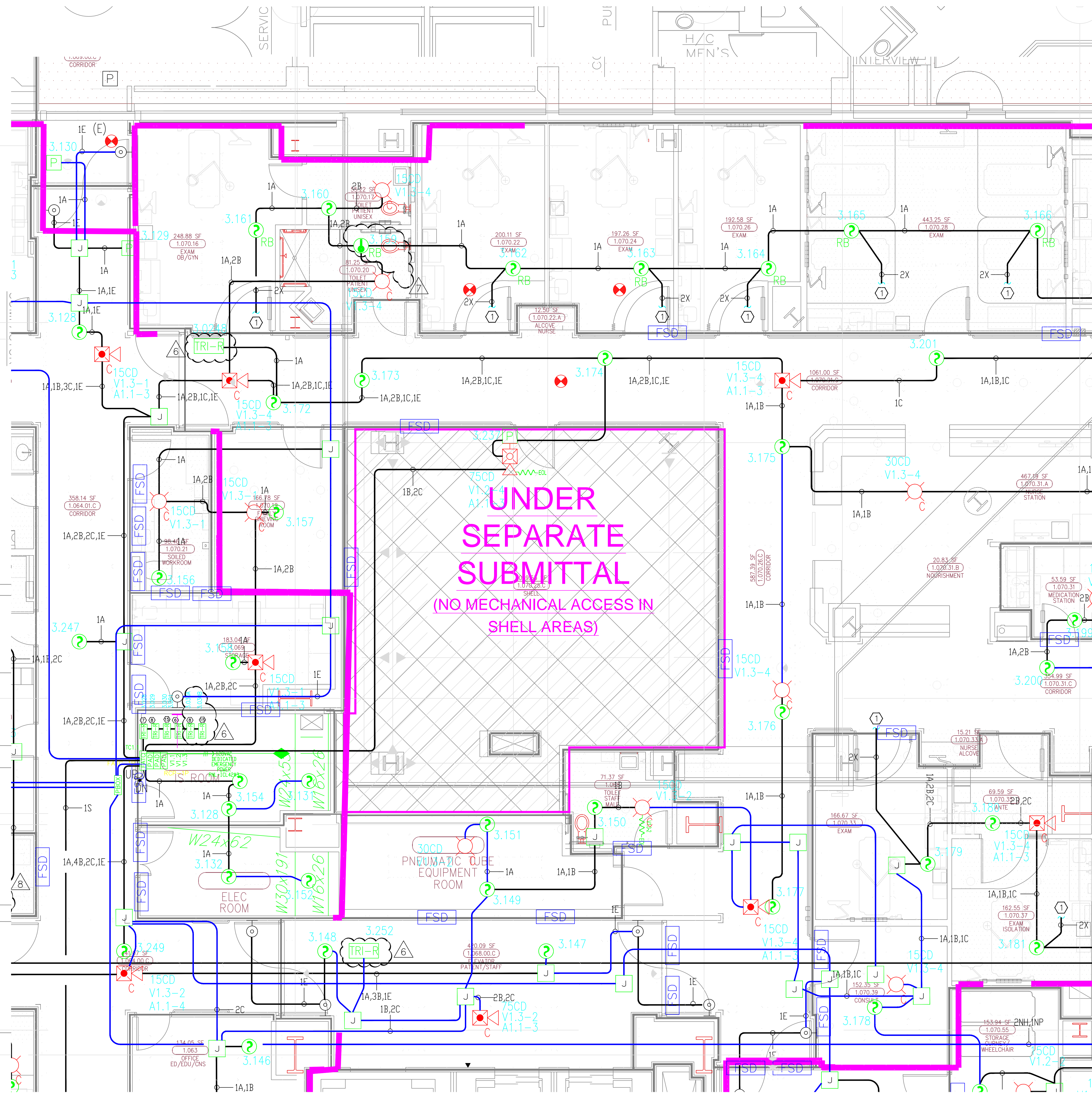
Drawing Number: EF3.1N

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FAX: (909) 305-1604

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

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 - INTERFACE FOR HVAC SHUTDOWN
 - INTERFACE FOR MONITORING OF DISCONNECT SWITCH
 - MONITOR MODULE TO MONITOR ASPIRATING SMOKE DETECTION PANEL.
-PRE-ALARM
-FIRE
-TROUBLE
 - CONTROL RELAY (HTRI-RO) IS PROVIDED FOR ASPIRATING SMOKE DETECTION PANEL RESET
 - MONITOR MODULES TO MONITOR PREACTION PANEL
-ALARM
-TROUBLE
-SUPERVISORY
 - PROVIDE 120V AC, 200 AMP'S DEDICATED CIRCUIT FOR THE POWER SUPPLY
 - CONTROL RELAY (HTRI-RO) IS PROVIDED FOR DIMMER CONTROLS ACTIVATION

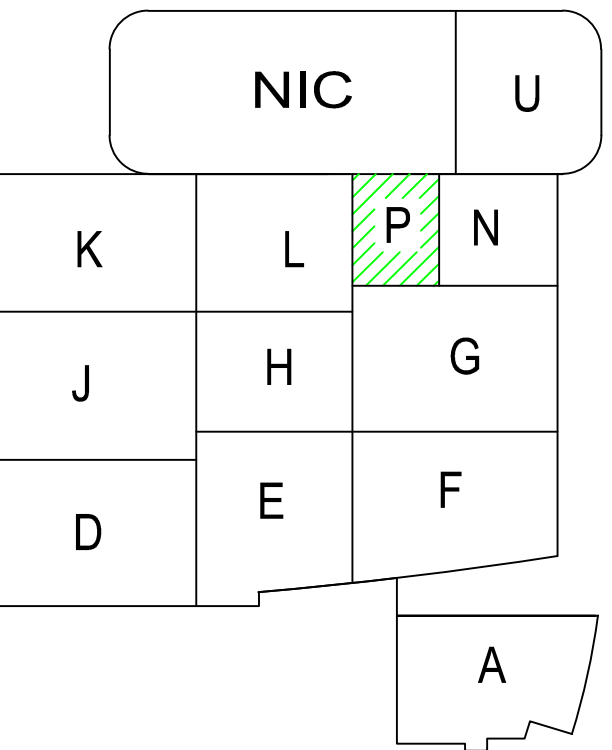
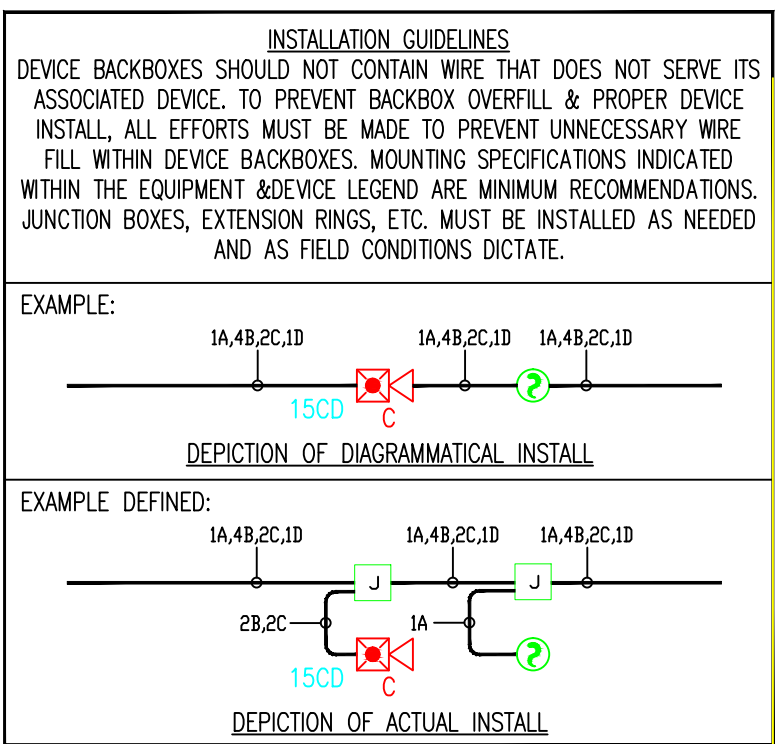
MCCARTHY APPROVAL

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

This review is for general conformance with Plans and Specifications only. Any deviation from same not clearly noted by the Designer has not been reviewed. Reviewer shall not constitute a complete check of detailed dimensions or notes to verify to release the Designer of contractual responsibility for any error or deviation from contract requirements.

McCarthy

By: _____ Date: _____
CHIEF DRAWING REFERENCE NO. _____



Key Plan

N.T.S.

NORTH

- | | | | |
|---|---------------------------------|-------------------------------|----------------------------------|
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| <input checked="" type="checkbox"/> XLS | <input type="checkbox"/> FS-250 | <input type="checkbox"/> EST3 | <input type="checkbox"/> OTHER |

OSHPD NO. #: IL-072072-30

07/20/12	DESIGN REVISION	1
11/27/11	DESIGN REVISION	2
07/21/11	DESIGN REVISION	3
05/02/11	FULLERTON FIRE DEPARTMENT CORRECTIONS	4
11/30/10	DESIGN REVISION	5
07/30/10	DESIGN REVISION	6
11/05/09	BACKGROUND REVISIONS	7

Rev No.	Date	Remarks	Initial
Drawn	H,JEANG		
Checked	-		
Approved	-		
Date:	07.30.09		
Scale:	0'-1/4" = 1'-0"		

FIRE ALARM FLOORPLAN
LEVEL 1 - AREA P

Job Number: 440P-056306

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

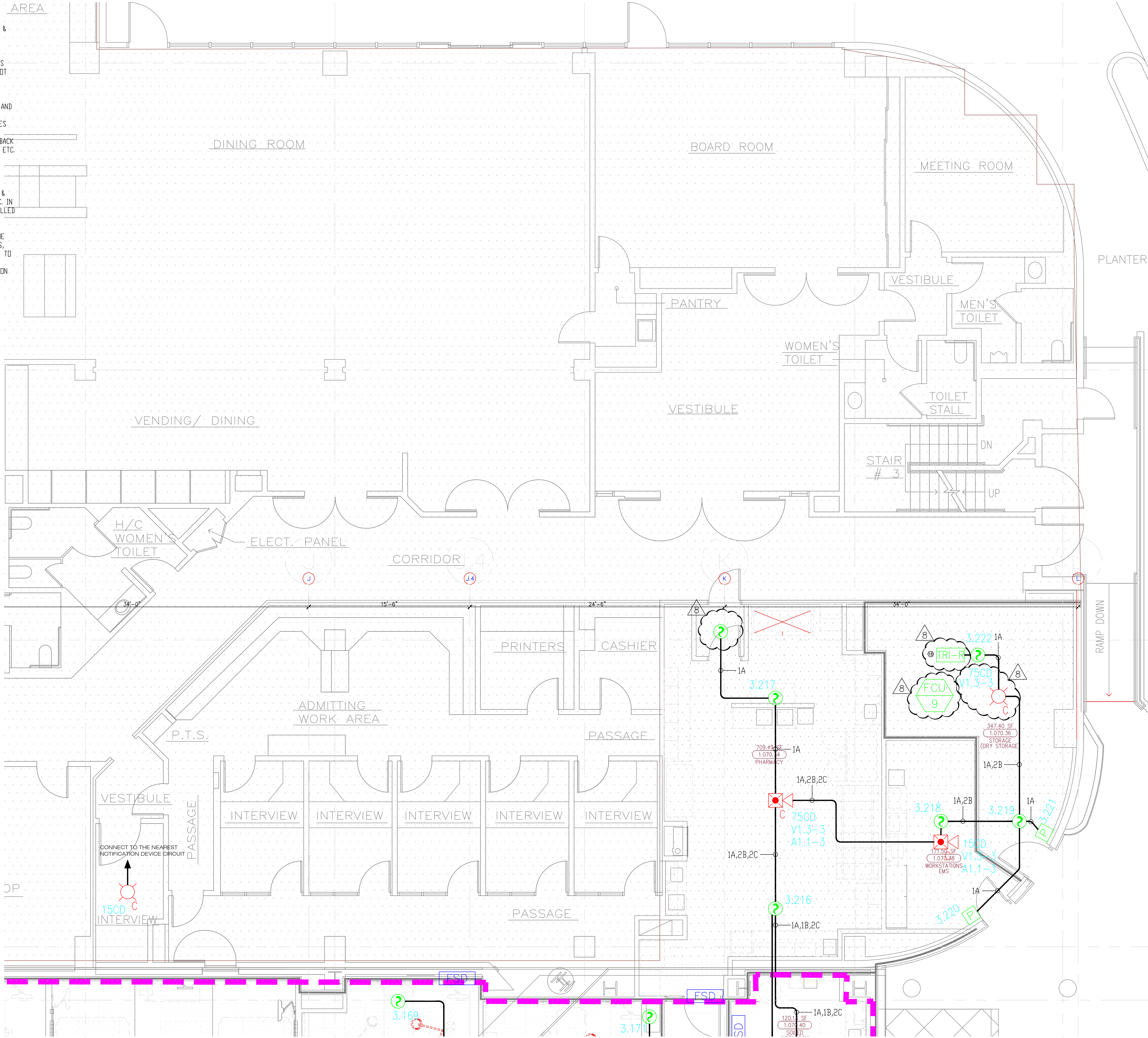
Drawing Number: EF3.1P

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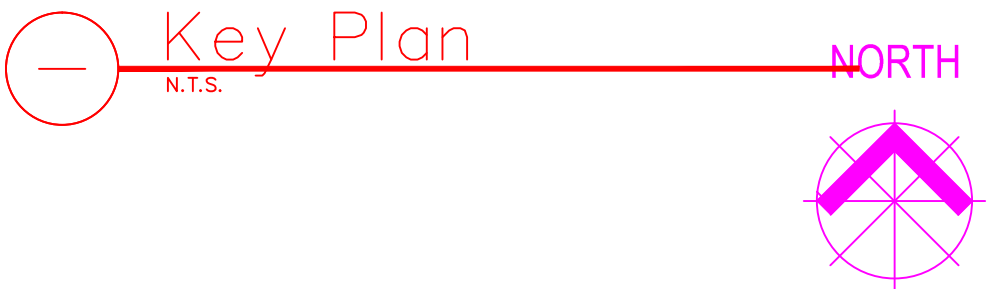
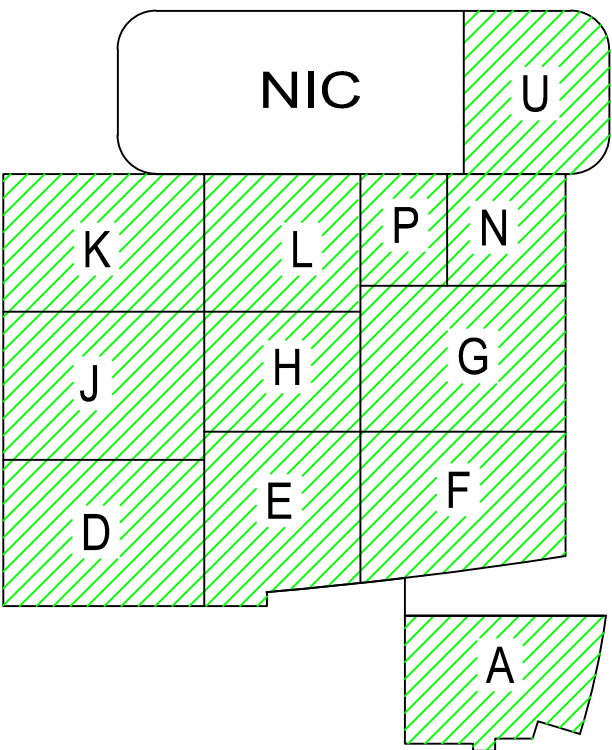
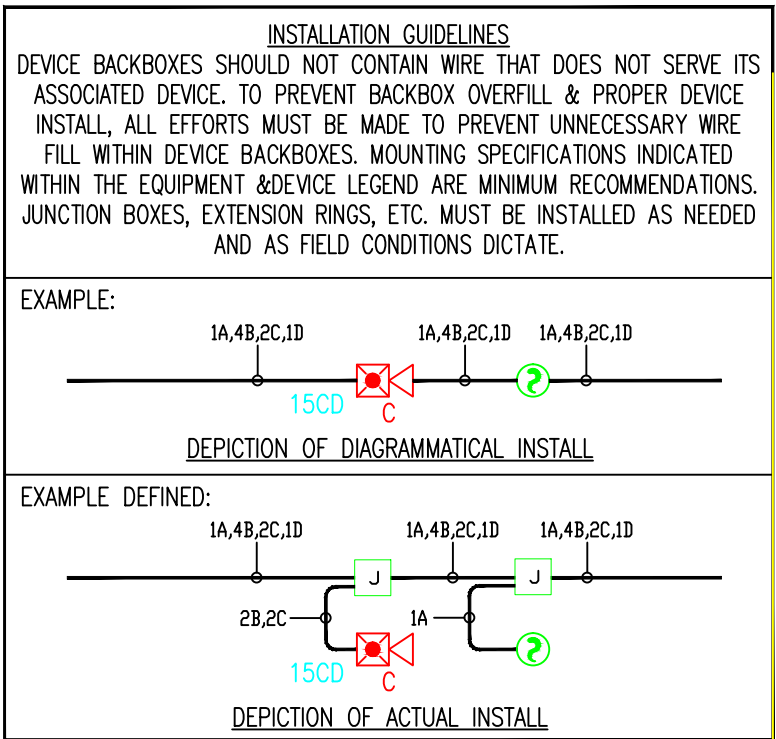
MCCARTHY APPROVAL

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

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McCarthy

By: _____ Date: _____
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PHONE: (909) 305-1600
FAX #: (909) 305-1604

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 - 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 (HTRI-R) IS PROVIDED FOR ASPIRATING SMOKE DETECTION PANEL RESET
 - ⑳ MONITOR MODULES TO MONITOR PREACTION PANEL
-ALARM
-SUPERVISORY
-TROUBLE
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| <input type="checkbox"/> MXL | <input type="checkbox"/> VOICE | <input type="checkbox"/> XL3 | <input type="checkbox"/> SYSTEM3 |
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FIRE ALARM FLOORPLAN
LEVEL 1 - AREA U

Job Number: 440P-056306

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455 SOUTH MAIN STREET
ORANGE, CALIFORNIA 92668-3874

Drawing Number: EF3.1U