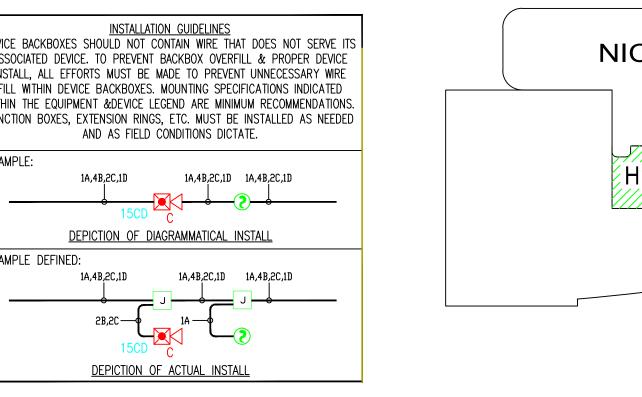




3.) THE INSTALLATION OF DEVICE BACKBOXES & WIRE SHALL BE SIZED AND INSTALLED PER CEC. IN ADDITION SUCH BOXES & WIRE SHALL BE INSTALLED IN A MANNER AS TO ALLOW FOR THE EASE OF DEVICE INSTALLATION. THE INSTALLATION OF DEVICES WHICH REQUIRE EXCESSIVE FORCE, THE PINCHING OF WIRES, RESULT IN GROUND FAULTS, 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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☐ SYSTEM3 ☐ VOICE ☐ XL3 ☐ FS-250 ☐ EST3 OSHPD NO.#: IL-072072-30

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

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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

TECHNOLOGIES, Incorporated.

BUILDING ELECTRONIC CONTROLS, INC.

(1) INTERFACE TO PATIENT ROOM DOME LIGHT. DOME

③ INTERFACE TO WON DOOR / ROLL-DOWN DOOR / SHUTTER FOR RELEASE, EQUIPMENT & POWER SHALL

BE FURNISHED AND INSTALLED BY OTHERS. (4) INTERFACE FOR MONITORING STATUS OF EQUIPMENT.

(6) (HCP) ACTIVATION & MONITORING / (HTRI-R) MONITORING FOR PAD PANELS.

□PEN DEVICES.

(5) SYNCHRONIZING CONFIGURATION OF ALL PAD PANELS.

(7) INTERFACE FOR RELEASE OF MAGNETIC DOOR HOLD

(8) INTERFACE FOR RELEASE OF COMBINATION SMOKE FIRE DAMPER CIRCUITS (EXCLUDING ISOLATION

(9) INTERFACE FOR ELEVATOR RECALL (PRIMARY)

(11) INTERFACE FOR ELEVATOR SHUNT TRIP

(6) INTERFACE FOR HVAC SHUTDOWN

-PRE-ALARM -FIRE 2 -FIRE 1 -TROUBLE

-SUPERVISORY

(10) INTERFACE FOR ELEVATOR RECALL (ALT-RECALL)

(2) INTERFACE FOR ELEVATOR SHUNT TRIP (BATTERY)

14 INTERFACE FOR ELEVATOR CAB LIGHT (FLASHING)

(5) INTERFACE FOR RELEASE OF COMBINATION SMOKE FIRE DAMPER CIRCUITS FOR ISOLATION ROOMS ONLY.

INTERFACE FOR MONITORING OF DISCONNECT SWITCH

6 MONITOR MODULE TO MONITOR ASPIRATING SMOKE DETECTION PANEL.

CONTROL RELAY (HTRI-R) IS PROVIDED FOR DIMMER CONTROLS 

DETECTION PANEL RESET.

MONITOR MODULES TO MONITOR PREACTION PANEL

PROVIDE 120V AC , 20.0 AMPS DEDICATED CIRCUIT FOR THE POWER SUPPLY.

(3) INTERFACE FOR ELEVATOR CAB LIGHT (STEADY)

LIGHT & POWER SHALL BE FURNISHED AND

2246 Lindsay Way Glendora, CA. 91740 PHONE: (909) 305-1600 FAX #: (909) 305-1604

RICHARD TAYLOR

⟨≥⟩ N□T USED

LICENSE NO.: 729905 CLASSIFICATION (S): C-7 C10 EXPIRATION DATE: 11/30/2012

INSTALLED BY OTHERS.

Rev No. Date

Drawn: H.JEANG

Checked: -Approved:

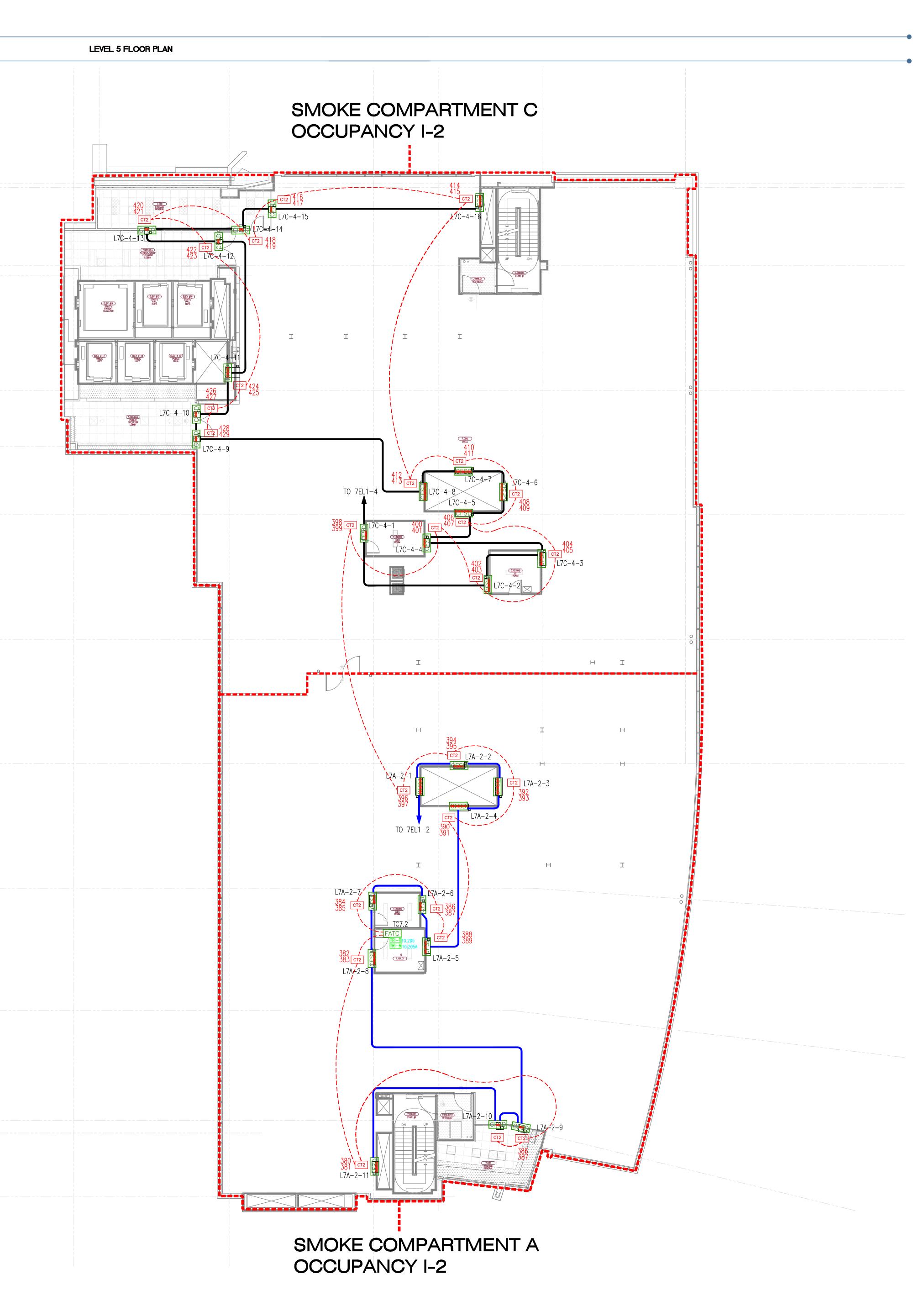
Date: 07.30.09 Scale: 0'-1/16" = 1'-0"

> FIRE ALARM FLOORPLAN LEVEL 7 - COMPOSITE

44OP-056306

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

EF1.70



DEVICE LEGEND

SYMBOL MODEL

DESCRIPTION

BY OTHERS -FIRE ALARM TERMINAL CABINET

NEW CONDUIT

EST — DUAL TRANSPONDER

BY OTHERS — FIRE/SMOKE DAMPER

BY OTHERS — JUNCTION BOX

NEW CABLE

CONDUIT LEGEND

CSFM #

N/A N/A

L DAMPER NUMBER

ELECTRIC CIRCUIT NUMBER
SMOKE COMPARTMENT

DAMPER ID

MOUNTING

N/A -INSTALLED BY OTHERS
7300-1657:121 -4" SQ. BOX WITH SINGLE GANG RING



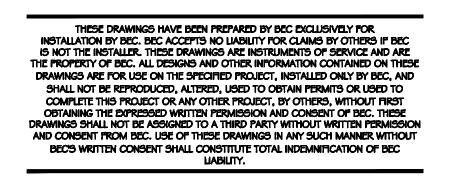
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## 7 C10 0/2012 Z

## DAMPER MONITORING SYSTEM

	REVISION	
	ISSUED FOR PLANCHECK	03/08
$\triangle$	DESIGN REVISION	07/18
<u>^2</u>	DESIGN REVISION	11/22
<u>3</u>	DESIGN REVISION	11/06



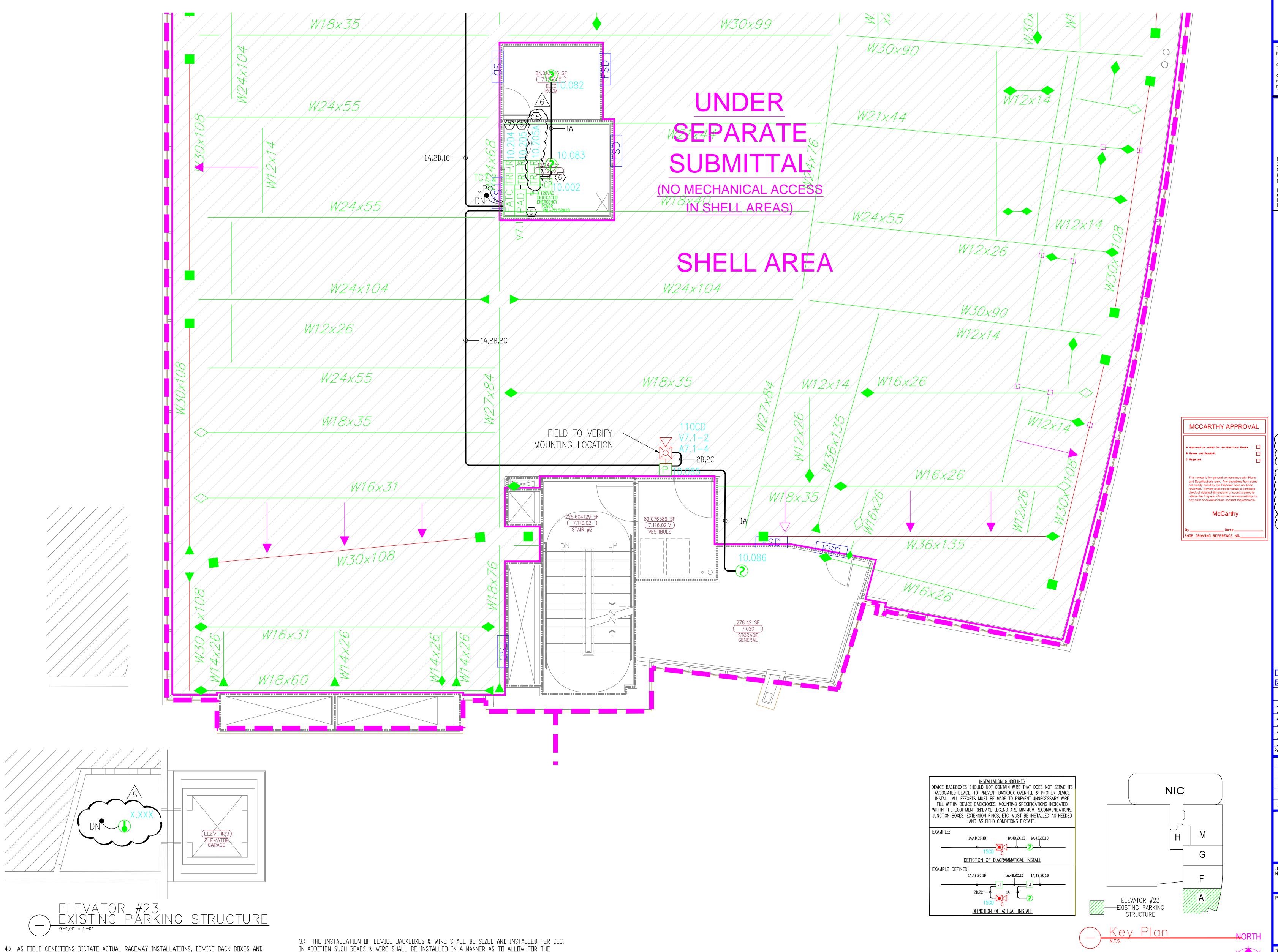


DRAWING DATE:	03/08/11		
SCALE:	1/16" = 1'-0"		
FILE NAME:	FAXXXX.DWG		
DESIGNED BY:	C.S.		
PROJECT MANAGER:	KYLE OBERMIRE		
CONTACT NUMBER:	(909) 305-1600		
SHEET TITLE			
DAMPED	MANITADII		

DAMPER MONITORING SYSTEM LEVEL 7 SHEET No.

FA-07.8

## MENI C



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17) INTERFACE FOR MONITORING OF DISCONNECT SWITCH
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(9) CONTROL RELAY (HTRI-R) IS PROVIDED FOR ASPIRATING SMOKE DETECTION PANEL RESET.

MONITOR MODULES TO MONITOR PREACTION PANEL

A

MONITOR MODULES TO MONITOR PREACTION PANEL

PROVIDE 120V AC , 20.0 AMPS DEDICATED CIRCUIT FOR THE POWER SUPPLY.

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CONTROL RELAY (HTRI-R) IS PROVIDED FOR DIMMER CONTROLS

☐ SYSTEM3 ☐ VOICE ☐ XL3 ☐ FS-250 ☐ EST3 OSHPD NO.#: IL-072072-30

Drawn: H.JEANG

Checked Approved:

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

FIRE ALARM FLOORPLAN LEVEL 7 - AREA A

44OP-056306

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

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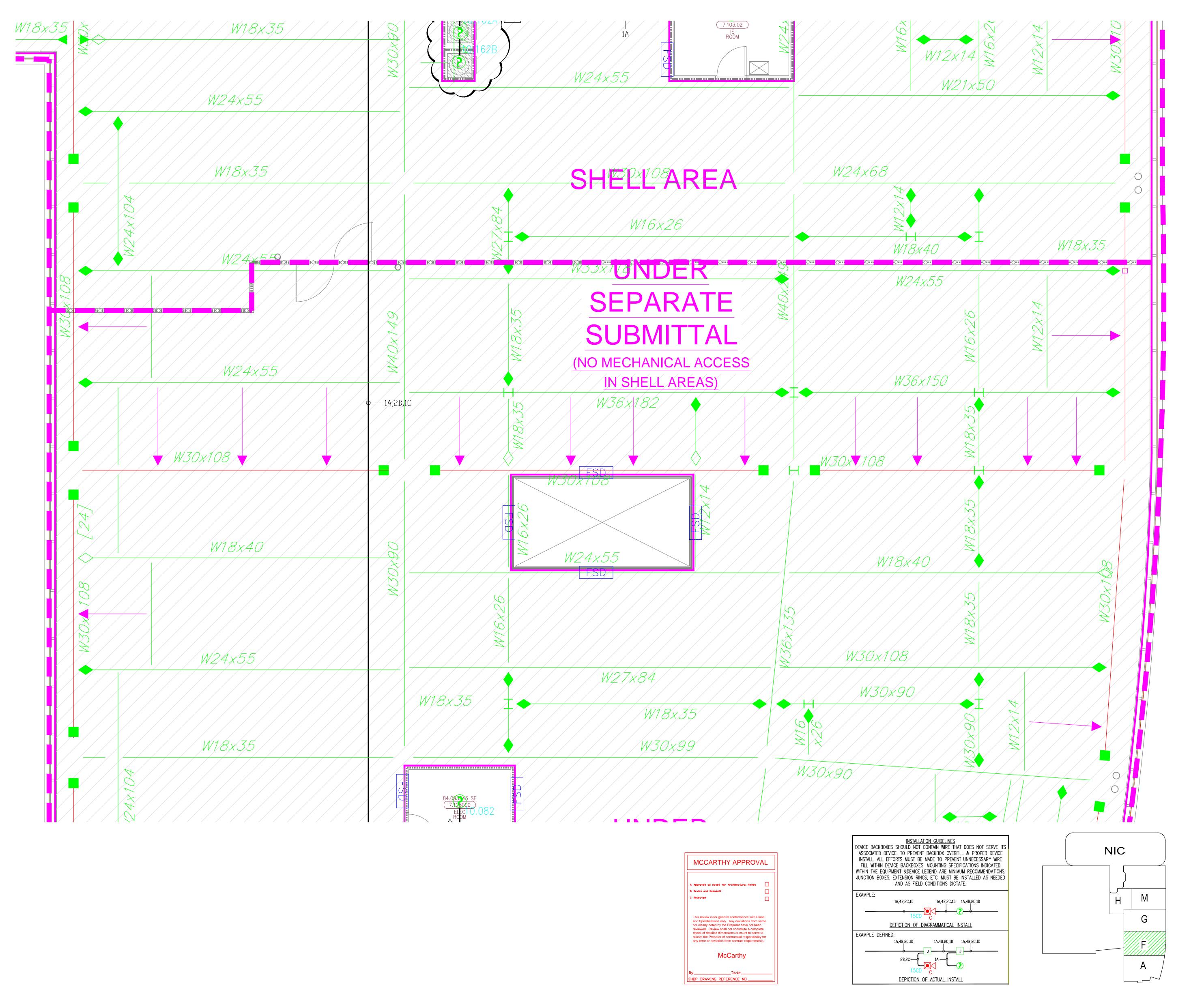
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FORCE, THE PINCHING OF WIRES, RESULT IN GROUND FAULTS, ETC. IN ORDER TO PROPERLY SEAT

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BUILDING ELECTRONIC CONTROLS, INC. 2246 Lindsay Way Glendora, CA. 91740 PHONE: (909) 305-1600 FAX #: (909) 305-1604

LICENSE NO.: 729905 CLASSIFICATION (S): C-7 C10 EXPIRATION DATE: 11/30/2012 RICHARD TAYLOR

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17 INTERFACE FOR MONITORING OF DISCONNECT SWITCH
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-PRE-ALARM -FIRE 2

-FIRE 1 -TROUBLE CONTROL RELAY (HTRI-R) IS PROVIDED FOR ASPIRATING SMOKE DETECTION PANEL RESET.

MUNITUR MODULES TO MONITUR PREACTION PANEL

-SUPERVISORY

PROVIDE 120V AC , 20.0 AMPS DEDICATED CIRCUIT FOR THE POWER SUPPLY.

8
CONTROL RELAY (HTRI-R) IS PROVIDED FOR DIMMER CONTROLS

ACTIVATION.

☐ SYSTEM3 ☐ VOICE ☐ XL3 ☐ FS-250 ☐ EST3 ☐ OTHER

OSHPD NO.#: IL-072072-30

Rev No. Date Drawn: H.JEANG Checked: -Approved:

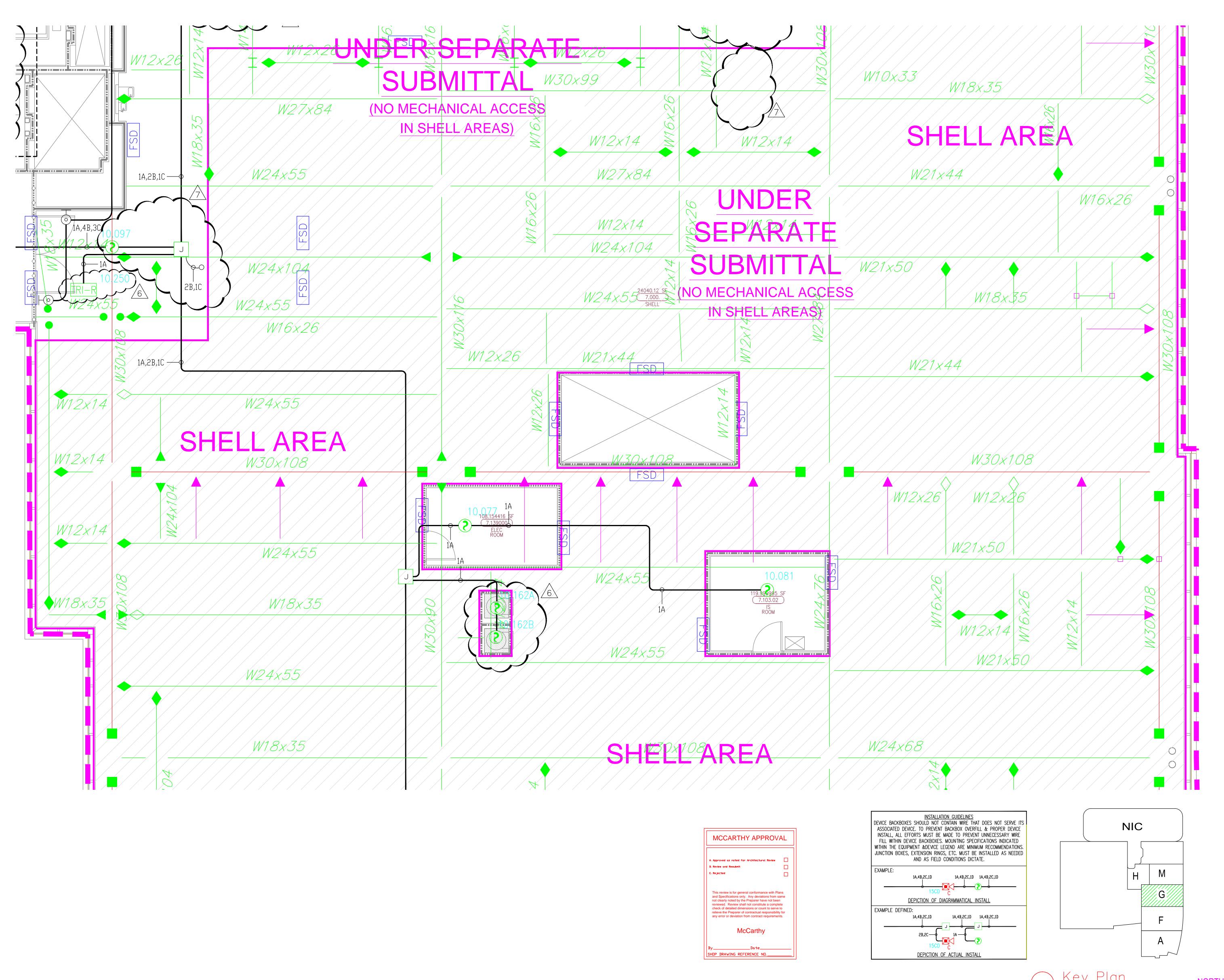
Date: 07.30.09 Scale: 0'-1/4" = 1'-0"

> FIRE ALARM FLOORPLAN LEVEL 7 - AREA F

Number: 44OP-056306

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

EF3.7F



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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-PRE-ALARM -FIRE 2 -FIRE 1 -TROUBLE

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MONITOR MODULES TO MONITOR PREACTION PANEL

TO MONITOR MODULES TO MONITOR PREACTION PANEL

-SUPERVISORY

PROVIDE 120V AC , 20.0 AMPS DEDICATED CIRCUIT FOR THE POWER SUPPLY.

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☐ SYSTEM3 ☐ VOICE ☐ XL3 ☐ FS-250 ☐ EST3 □ OTHER OSHPD NO.#: IL-072072-30

Rev No. Date

Drawn: H.JEANG Checked: Approved:

Number:

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

> FIRE ALARM FLOORPLAN LEVEL 7 - AREA G

44OP-056306

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

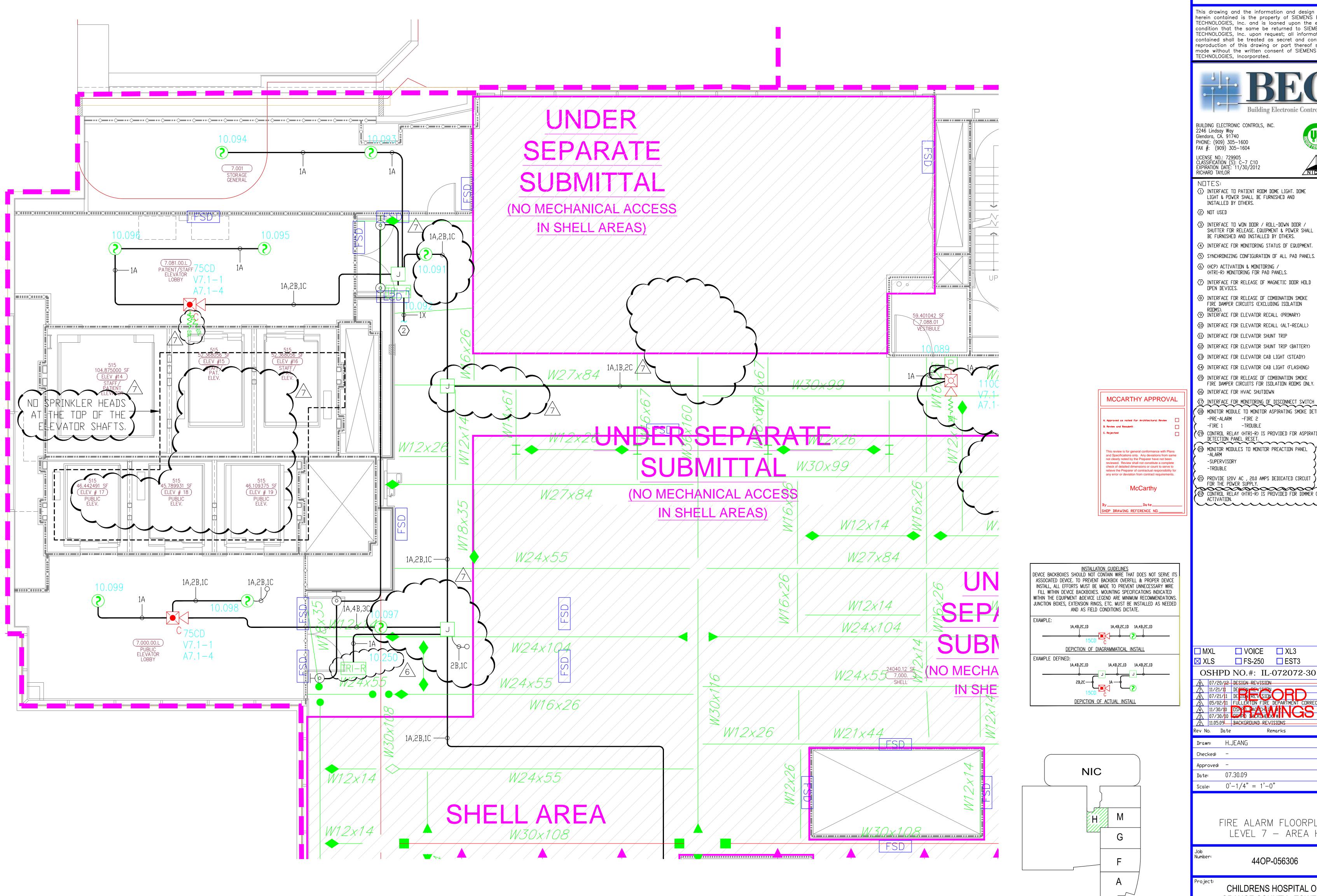
EF3.7G

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RICHARD TAYLOR

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☐ FS-250 ☐ EST3

☐ SYSTEM3



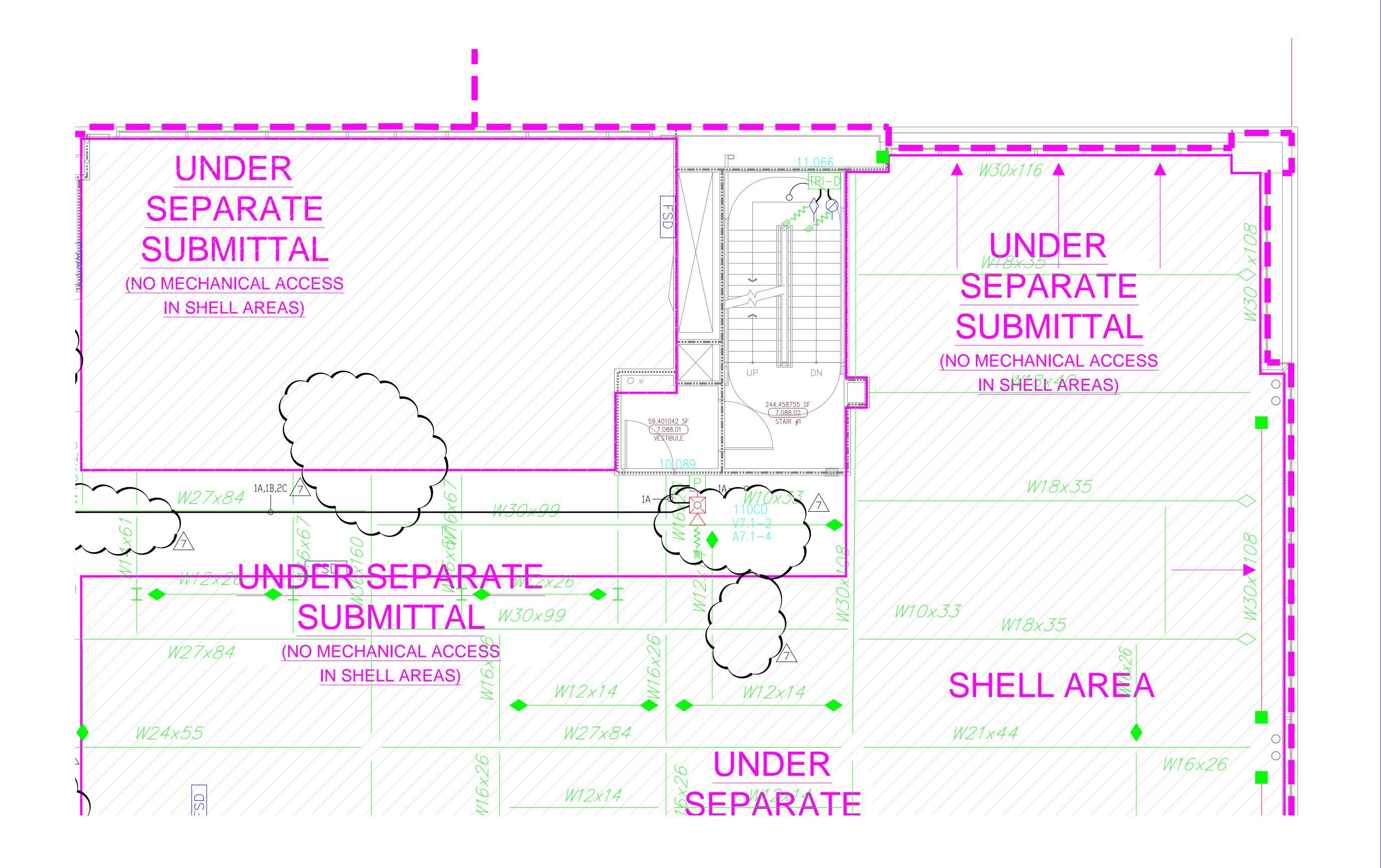
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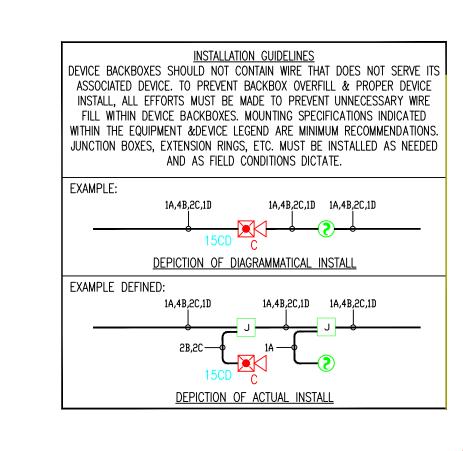
FIRE ALARM FLOORPLAN

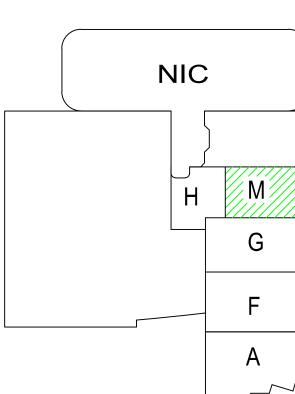
LEVEL 7 - AREA H

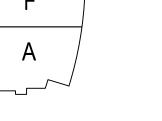
EF3.7H











Rev No. Date

Checked:

Approved:

Drawn: H.JEANG

07.30.09

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

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

FIRE ALARM FLOORPLAN

LEVEL 7 - AREA M

44OP-056306

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

Siemens Building Technologies, Inc.

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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

TECHNOLOGIES, Incorporated.

BUILDING ELECTRONIC CONTROLS, INC.

(1) INTERFACE TO PATIENT ROOM DOME LIGHT. DOME LIGHT & POWER SHALL BE FURNISHED AND

③ INTERFACE TO WON 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.

(7) INTERFACE FOR RELEASE OF MAGNETIC DOOR HOLD

(8) INTERFACE FOR RELEASE OF COMBINATION SMOKE FIRE DAMPER CIRCUITS (EXCLUDING ISOLATION

(9) INTERFACE FOR ELEVATOR RECALL (PRIMARY)

(11) INTERFACE FOR ELEVATOR SHUNT TRIP

(6) INTERFACE FOR HVAC SHUTDOWN

-PRE-ALARM -FIRE 2 -FIRE 1 -TROUBLE

-SUPERVISORY

10) INTERFACE FOR ELEVATOR RECALL (ALT-RECALL)

(2) INTERFACE FOR ELEVATOR SHUNT TRIP (BATTERY)

(3) INTERFACE FOR ELEVATOR CAB LIGHT (STEADY)

14) INTERFACE FOR ELEVATOR CAB LIGHT (FLASHING)

(5) INTERFACE FOR RELEASE OF COMBINATION SMOKE FIRE DAMPER CIRCUITS FOR ISOLATION ROOMS ONLY.

17) INTERFACE FOR MONITORING OF DISCONNECT SWITCH
(18) MONITOR MODULE TO MONITOR ASPIRATING SMOKE DETECTION PANEL.

(19) CONTROL RELAY (HTRI-R) IS PROVIDED FOR ASPIRATING SMOKE

PROVIDE 120V AC , 20.0 AMPS DEDICATED CIRCUIT FOR THE POWER SUPPLY.

8
CONTROL RELAY (HTRI-R) IS PROVIDED FOR DIMMER CONTROLS

☐ VOICE ☐ XL3 ☐ FS-250 ☐ EST3

OSHPD NO.#: IL-072072-30

☐ SYSTEM3

□ OTHER

DETECTION PANEL RESET.

MONITOR MODULES TO MONITOR PREACTION PANEL

TO MONITOR MODULES TO MONITOR PREACTION PANEL

(6) (HCP) ACTIVATION & MONITORING / (HTRI-R) MONITORING FOR PAD PANELS.

□PEN DEVICES.

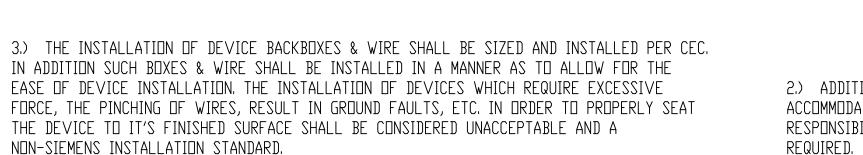
2246 Lindsay Way Glendora, CA. 91740 PHONE: (909) 305-1600 FAX #: (909) 305-1604

RICHARD TAYLOR

⟨≥⟩ N□T USED

LICENSE NO.: 729905 CLASSIFICATION (S): C-7 C10 EXPIRATION DATE: 11/30/2012

INSTALLED BY OTHERS.



NON-SIEMENS INSTALLATION STANDARD.