

three inches = one foot

one and one-half inches = one foot

one inch = one foot

three-quarters inch = one foot

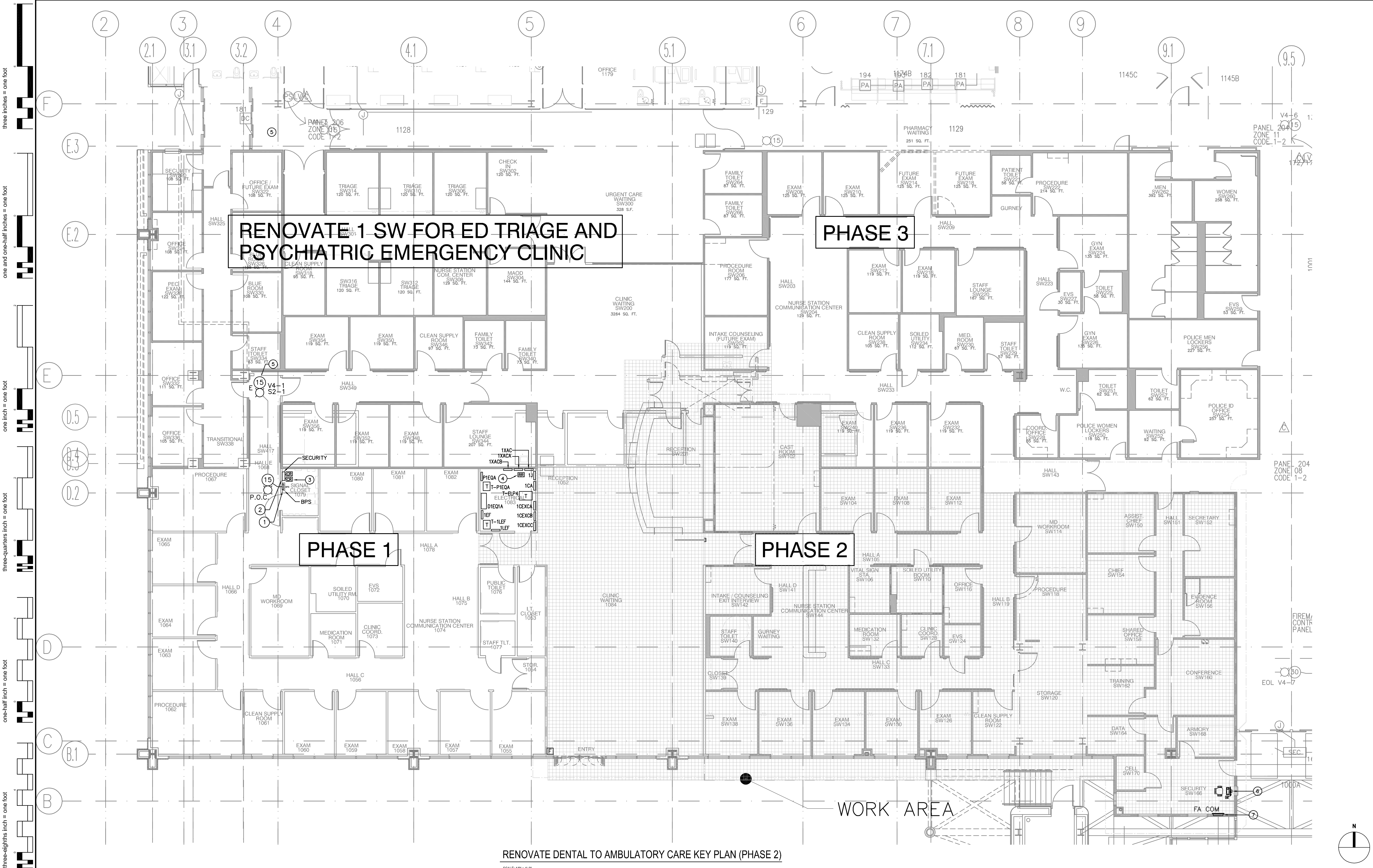
one-half inch = one foot

three-eighths inch = one foot

one-quarter inch = one foot

one-eighth inch = one foot

ABBREVIATIONS				GENERAL NOTES																FIRE ALARM SYSTEM NOTES																SHEET LIST																																															
ELECTRONIC SAFETY AND SECURITY ABBREVIATIONS																																																																																			
1PH SINGLE-PHASE 1P SINGLE POLE 2/C TWO-CONDUCTOR 3/C THREE-CONDUCTOR 3PH THREE-PHASE 4/C FOUR-CONDUCTOR 4W FOUR-WIRE				FLEX FLEXIBLE METALLIC CONDUIT FOUT TELEPHONE FLOOR OUTLET FP FIRE PROTECTION FT FEET OR FOOT FU SW FUSED SWITCH				G OR GND GROUND OR GENERATOR GEN GENERATOR GTB GROUND TERMINAL BOX				HOA HAND-OFF-AUTOMATIC HT HEIGHT HZ HERTZ				IMC INTERMEDIATE METAL CONDUIT IR INFRARED				J-BOX JUNCTION BOX				LF LINEAR FEET (FOOT) LTNG LIGHTNING LV LOW VOLTAGE				MATV MASTER ANTENNA TELEVISION SYSTEM MAX MAXIMUM MECH MECHANICAL MH MANHOLE MIN MINIMUM MT MOUNT MTD MOUNTED MTG MOUNTING				NA NOT APPLICABLE NEC NATIONAL ELECTRICAL CODE NEUT OR N NEUTRAL NIC NOT IN CONTRACT NS NO SCALE NTS NOT TO SCALE				OC ON CENTER OD OUTSIDE DIAMETER				P POLE PA PUBLIC ADDRESS PB PANELBOARD, PULL BOX, OR PUSHBUTTON PBPu PREFABRICATED BEDSIDE				PED PEDESTAL PEND PENDANT PF POWER FACTOR PH PHASE PNL PANEL PVC POLYVINYL CHLORIDE (PLASTIC) PWR POWER				RCP REFLECTED CEILING PLAN REC RECESSED RECPT RECEPTACLE RGS RIGID GALVANIZED STEEL RM ROOM REQD REQUIRED				SF SQUARE FOOT (FEET) SHEET SI INTERNATIONAL SYSTEM OF UNITS SPEC SPECIFICATION SURF SURFACE SW SWITCH				TEL TELEPHONE TP TWISTED PAIR TPS TWISTED PAIR SHIELDED TTB TELEPHONE TERMINAL BOARD TV TELEVISION TYP TYPICAL				UFD UNDERFLOOR DUCT UGND UNDERGROUND UL UNDERWRITERS LABORATORY UON UNLESS OTHERWISE NOTED UPS UNINTERRUPTIBLE POWER SUPPLY UTIL UTILITY				V VOLT WP WEATHERPROOF																			
				APPLICABLE CODES																																																																															
				International Code Council, International Building Code (IBC) 2006 Edition International Code Council, International Fire Code (IFC) 2006 Edition NFPA 101-2009 Life Safety Code NFPA 70-2008 National Electrical Code (NEC). NFPA 72-2007 National Fire Alarm Code. NFPA 90A-2009 Installation of Air Conditioning and Ventilating Systems. NFPA 99 Standard for Health Care Facilities Underwriters Laboratories, Inc. (UL): 2000-2000 Fire Protection Equipment Directory Factory Mutual Research Corp (FM): Approval Guide, 2005 Edition American National Standards Institute (ANSI): S3.41-1996 Audible Emergency Evacuation Signal																																																																															
				EXISTING FIRE ALARM WIRING STANDARD																																																																															
				MAINTAIN THE FOLLOWING WIRING COLOR CODES INTO THE RENOVATION AREA. VISUAL CIRCUIT #1 - BLACK & RED 14 GA STRANDED THHN VISUAL CIRCUIT #2 - BROWN & ORG 14 GA STRANDED THHN VISUAL CKT #3 - BLACK W/WHt STRIPE & WHITE W/BLK STRIPE VISUAL CKT #4 - BLUE W/ YEL STRIPE & YELLOW W/ BLUE STRIPE DATA CIRCUIT - BLUE & YELLOW 16 GA STRANDED THHN POWER CIRCUIT - PINK & TAN 14 GA STRANDED THHN SPEAKER CIRCUIT - VIOLET & GRAY 14 GA THHN DOOR HOLD CIRCUIT - 14 GA STRANDED THHN INSTALL 16/2 TWISTED FPL CABLE FOR THE SIGNALING LINE CIRCUIT AND 14/2 TWISTED FPL CABLE FOR THE SPEAKER CIRCUITS WHEN INSTALLED IN THE SAME CONDUIT.																																																																															



- ### GENERAL NOTES
- "WARNING" ASBESTOS PRESENT IN INTERSTITIAL AREAS ON FIRE PROOFING ON STRUCTURAL STEEL TRUSSES AND OVERSPRAY ON 4" I-BEAMS, AND ON CONCRETE DECKS. CONTRACTOR TO WEAR RESPIRATOR AND PROTECTIVE COVERALLS IAW LOCAL, STATE & FEDERAL REGULATIONS.
 - REMOVE ALL ELECTRICAL FIXTURES, DEVICES, JUNCTION BOXES, WIRING AND CONDUIT AS REQUIRED TO INSTALL NEW WORK. ALL ELECTRIC WORK SCHEDULED TO BE REMOVED SHALL BE REMOVED IN ITS ENTIRETY. WIRING AND CONDUIT SHALL NOT BE ABANDONED IN PLACE BUT SHALL BE REMOVED BACK TO A JUNCTION BOX, PANEL OR CIRCUIT WHICH IS TO REMAIN IN SERVICE.
 - NURSE CALL, PUBLIC ADDRESS AND FIRE ALARM EQUIPMENT SHALL BE NONDESTRUCTIVELY REMOVED BEFORE DEMOLITION AND DELIVERED TO THE ELECTRONIC SHOP. EXISTING CABLE, CONDUIT AND OTHERS SYSTEMS EQUIPMENT NOT IDENTIFIED AS "VA RETAINED" SHALL BE DEMOLISHED AND REMOVED FROM THE PREMISES BY THE CONTRACTOR.
 - MAINTAIN CIRCUIT CONTINUITY WHERE APPROPRIATE.
 - ALL CONDUIT TO BE RUN PERPENDICULAR OR PARALLEL TO BUILDING LINES. NO CONDUIT IS TO BE INSTALLED IN AN ANGULAR MANNER.
 - FLEX CONDUIT MAY BE USED TO 6'-0" TO MAKE FINAL EQUIPMENT CONNECTIONS. ALL OTHER CONDUIT SHALL BE EMT OR RIGID AS SPECIFIED, 3/4" MINIMUM.
 - ALL J-BOX, SWITCH PLATE, OUTLET COVER(S) SHALL BE ENGRAVED BLACK 1/4" MIN. TO IDENTIFY PANEL & CIRCUIT(S) USED. EMERGENCY PANEL & CIRCUIT(S) TO BE ENGRAVED RED.
 - ALL CLASS "B" WIRING SHALL BE TIE WRAPPED EVERY 10' ON CENTER. THIS WIRING SHALL BE IDENTIFY EVERY 50' ON CENTER.
 - UPDATE ALL ELECTRIC PANEL INDEX CARDS TO REFLECT THE NEW ADDITIONS OR CHANGES.
 - INSTALL THE NEW EQUIPMENT PER THE ARCHITECTURAL PHASING SCHEDULE. COORDINATE WITH THE ARCHITECTURAL DRAWINGS AND PHASING PLAN.
 - THE FIRE ALARM SYSTEM DEVICES TO BE INSTALLED FOR THE AMBULATORY CARE REMODEL PROJECT SHALL BE AN EXTENSION OF THE EXISTING BUILDING 1 FIRE ALARM SYSTEM.
 - THE EXISTING BOOSTER POWER SUPPLY INSTALLED DURING PHASE 1, SHALL PROVIDE VISUAL NOTIFICATION APPLIANCE CIRCUITS FOR DEVICES TO BE INSTALLED DURING RENOVATE DENTAL TO AMBULATORY CARE (PHASE 2).
 - INSTALL AREA SMOKE DETECTORS TO PROTECT SPACE OPEN TO THE CORRIDOR.
 - CLOSE AUTOMATIC FIRE/SMOKE DAMPERS UPON DETECTION OF SMOKE TO PROVIDE CONTROL OF SMOKE AND PROVIDE HORIZONTAL EXISTING.
 - ADJUST SPEAKER VOLUME SO THAT AUDIBLE VOICE MESSAGES ARE HEARD CLEARLY AND ARE INTELIGIBLE PER THE REQUIREMENTS OF NFPA 72.7.4.1.4.
 - AUDIBLE/ VISUAL AND VISUAL NOTIFICATION APPLIANCES SHALL BE CEILING MOUNTED TO MATCH THE EXISTING IN THE FACILITIES.
 - USE EXISTING JUNCTION BOXES AND CONDUIT PATHWAY TO EXTEND THE REQUIRED EXISTING CIRCUITS INTO THE PROJECT AREA AND TO THE NEW FATC.
 - ALL FIRE ALARM SYSTEM CONDUIT AND JUNCTION BOX COVERS SHALL BE PAINTED RED PER THE REQUIREMENTS OF THE SPECIFICATIONS.
 - USE THE SPEAKER CIRCUIT PROVIDED DURING PHASE 1 FOR THE NEW PROJECT AREA. USE EXISTING CONDUIT TO ROUTE THE NEW CIRCUIT TO THE PROJECT AREA.
 - THE EXISTING FIRE ALARM SYSTEM IS AN EST-3 FIRE ALARM SYSTEM WHICH IS UNDER WARRANTY SERVICE BY DETECTION LOGIC PH: 760-233-9787.
 - FIELD VERIFY ALL EXISTING FIELD CONDITIONS BEFORE BID, DEMOLITION AND RECONSTRUCTION. COORDINATE ALL RESULTING FINDINGS ON THE REQUIRED FIRE ALARM SHOP DRAWINGS.
 - REFER TO THE FIRE ALARM SYSTEM INTERSTITIAL PLAN FOR INFORMATION REGARDING THE MONITORING AND CONTROL OF HVAC EQUIPMENT FOR SMOKE CONTROL. COORDINATE WITH THE MECHANICAL CONTRACT DRAWINGS. MAKE ADJUSTMENT FOR MECHANICAL SYSTEM PHASING AND ACTUAL FIELD CONDITIONS, AS NECESSARY.

- ### RENOVATE DENTAL TO AMBULATORY CARE (PHASE 2) PHASING AND DEMOLITION NOTES
- ALL EXISTING FIRE ALARM SYSTEM DEVICES SHALL BE DEMOLISHED AND REPLACE WITH NEW DEVICES ACCORDING TO THE ARCHITECTURAL PHASING PLAN. THE REMODEL WILL BE CONDUCTED DURING ALL PHASES, PHASES 1, RENOVATE DENTAL TO AMBULATORY CARE (PHASE 2), RENOVATE DENTAL TO AMBULATORY CARE (PHASE 3) & RENOVATE 1 SW FOR ED TRIAGE AND PSYCHIATRIC EMERGENCY CLINIC. REFER TO THE KEY PLAN ABOVE.
 - DEMOLISH THE FIRE ALARM SYSTEM TO THE LAST DEVICE OR JUNCTION BOX AT THE BOUNDARY OF THE APPLICABLE PROJECT PHASE. TEMPORARILY REROUTE CIRCUITS FOR DOWNSTREAM DEVICES, AS NECESSARY, TO MAINTAIN OPERATION OF DOWN STREAM DEVICES UNTIL DEMOLITION OF THOSE PHASES. USE PERIMETER CORRIDOR OR INTERSTITIAL JUNCTION BOXES OF THE EXISTING FIRE ALARM CONDUIT SYSTEM AS NECESSARY. THE FIRE ALARM CONTRACTOR SHALL, BY FIELD INSPECTION, DETERMINE WHICH CONDUITS OR CIRCUITS SHALL BE REROUTED AND EXECUTE AS NECESSARY GUIDED BY BEST PRACTICES.
 - DURING THE RENOVATE DENTAL TO AMBULATORY CARE (PHASE 2) REMODEL, INSTALL NEW CONDUIT/CABLE TERMINATIONS AND EQUIPMENT, AS NECESSARY, TO THE SIGNAL CLOSET 1079 FOR OPERATION OF THE FIRE ALARM SYSTEM DEVICES TO BE INSTALLED DURING THE PHASED REMODEL.
 - DURING RENOVATE DENTAL TO AMBULATORY CARE (PHASE 2) EXTEND AND INTERCEPT THE EXISTING SLC AND NAC CIRCUITS AS REQUIRED TO EXTEND THE NECESSARY FEED CIRCUITS TO THE EXISTING HOSPITAL FIRE ALARM SYSTEM FOR OPERATION OF NEW FIRE ALARM SYSTEM DEVICES DURING THE REMODEL SO ALL ARE OPERABLE BY THE COMPLETION OF RENOVATE DENTAL TO AMBULATORY CARE (PHASE 2). PROVIDE TEMPORARY END OF LINE DEVICES AT THE LAST DEVICE IN THE PHASE AS NECESSARY.
 - INTERCEPT EXISTING FIRE ALARM CIRCUITS PROVIDED DURING PHASE 1. EXTEND THE EXISTING SLC INTO THE PHASE 2 PROJECT AREA. USE CONDUIT INSTALLED DURING PHASE 1 TO EXTEND NEW NOTIFICATION APPLIANCE CIRCUITS FROM THE SIGNAL CLOSET TO THE NEW RENOVATE DENTAL TO AMBULATORY CARE (PHASE 2) PROJECT AREA.
 - WHEN THE NEW SECURITY ROOM HAS BEEN CONSTRUCTED AND BECOMES OPERATIONAL THE GUI AND FIRE COMMAND CENTER SHALL BE RELOCATED FROM THE EXISTING BADGING/DISPATCH TO THE NEW LOCATION. COORDINATE CUT OVER WITH THE VA POLICE AND VA ENGINEERING STAFF.
 - MAKE NECESSARY FIELD ADJUSTMENTS FOR CONDITIONS THAT ARE EXISTING OR CONDITIONS WHICH CHANGE DUE TO PHASING.

LEGEND

LINE TYPES
DEMO = DASH EXIST = SOLID NEW = BOLD/FILLED

FIRE ALARM SYSTEM

FATC FIRE ALARM SYSTEM TERMINAL CABINET
BPS BOOSTER POWER SUPPLY FOR STROBE NACS

COMPUTER FIREWORKS GUI

FIRE COMMAND CENTER

CEILING MOUNT ANALOG PHOTO SMOKE DETECTOR
DUCT MOUNT ANALOG PHOTO DUCT DETECTOR
INTELLIGENT MANUAL FIRE ALARM BOX (MANUAL PULL STATION), REFER TO MOUNTING HEIGHT DETAIL
CEILING MOUNT STROBE - CANDELA VALUE AS NOTED
CEILING MOUNT SPEAKER STROBE - CANDELA VALUE AS NOTED
CEILING MOUNT FIRE ALARM SYSTEM SPEAKER
MAGNETIC DOOR HOLDER
INTELLIGENT CONTROL RELAY
INTELLIGENT CONTROL RELAY WITH MULTI-VOLTAGE BUFFER RELAY

FIRE ALARM SUPERVISORY RELAY

WATER FLOW SWITCH BY SPRINKLER CONTRACTOR
FIRE ALARM MONITOR MODULE BY FIRE ALARM CONTRACTOR

WATER FLOW TAMPER SWITCH BY SPRINKLER CONTRACTOR
FIRE ALARM MONITOR MODULE BY FIRE ALARM CONTRACTOR

STROBE CIRCUIT - DEVICE NUMBER
SPEAKER CIRCUIT - DEVICE NUMBER
NEW FIRE ALARM JUNCTION BOX
EXISTING FIRE ALARM JUNCTION BOX
P.O.C. POINT OF CONNECTION
3/4" EMT CONDUIT MIN.
CROSS LINES ON CONDUIT RUNS INDICATE NUMBER OF #12 CURRENT CARRYING CONDUCTORS CONTAINED THERE IN. TWO #12 AND ONE #12 GROUND WIRE ARE INDICATED WHEN CROSS LINES ARE NOT SHOWN. NUMERALS ADJACENT TO CROSS LINES ON CONDUIT RUNS INDICATED SIZE OF CONDUCTORS IN LIEU OF #12. ALL CONDUITS SHALL CONTAIN ONE GROUND WIRE SIZED PER N.E.C. TABLE 250-95. BUT NOT SMALLER THAN #12.
3/4" EMT FIRE ALARM CONDUIT
AUTOMATIC FIRE/SMOKE DAMPER, BY MECHANICAL CONTRACTOR.

- ### KEY NOTES
- EXISTING BOOSTER POWER SUPPLY AND TERMINAL CABINET INSTALLED DURING PHASE 1. USE EXISTING SPARE NAC CIRCUITS FOR RENOVATE DENTAL TO AMBULATORY CARE (PHASE 2) DEVICES.
 - EXISTING HIRSCH ACCESS CONTROLLERS.
 - EXISTING ACCESS CONTROL DOOR RELEASE RELAYS INSTALLED DURING PHASE 1.
 - EXISTING DAMPER CONTROL RELAY INSTALLED DURING PHASE 1.
 - EXISTING SPEAKER/STROBE TO BE MAINTAINED UNTIL RENOVATE 1 SW FOR ED TRIAGE AND PSYCHIATRIC EMERGENCY CLINIC.
 - RELOCATE THE EXISTING EST FIRE WORKS GUI. WHEN THE NEW SECURITY ROOM IS OPERATIONAL.
 - RELOCATE THE EXISTING FIRE COMMAND CENTER WHEN THE NEW SECURITY ROOM IS OPERATIONAL.

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Phone: 714.490.5555 Fax: 714.490.5560
Project No. 2309-147-00

STRUCTURAL
MECHANICAL
ELECTRICAL
CIVIL

gkkworks
architecture and construction services
Project #40086
1775 Hancock Street, Suite 150, San Diego, CA 92110
619.398.0215 • 619.814.1249 fax

Renovate Dental to Ambulatory Care (Phase 2)

Project Area Key Plan

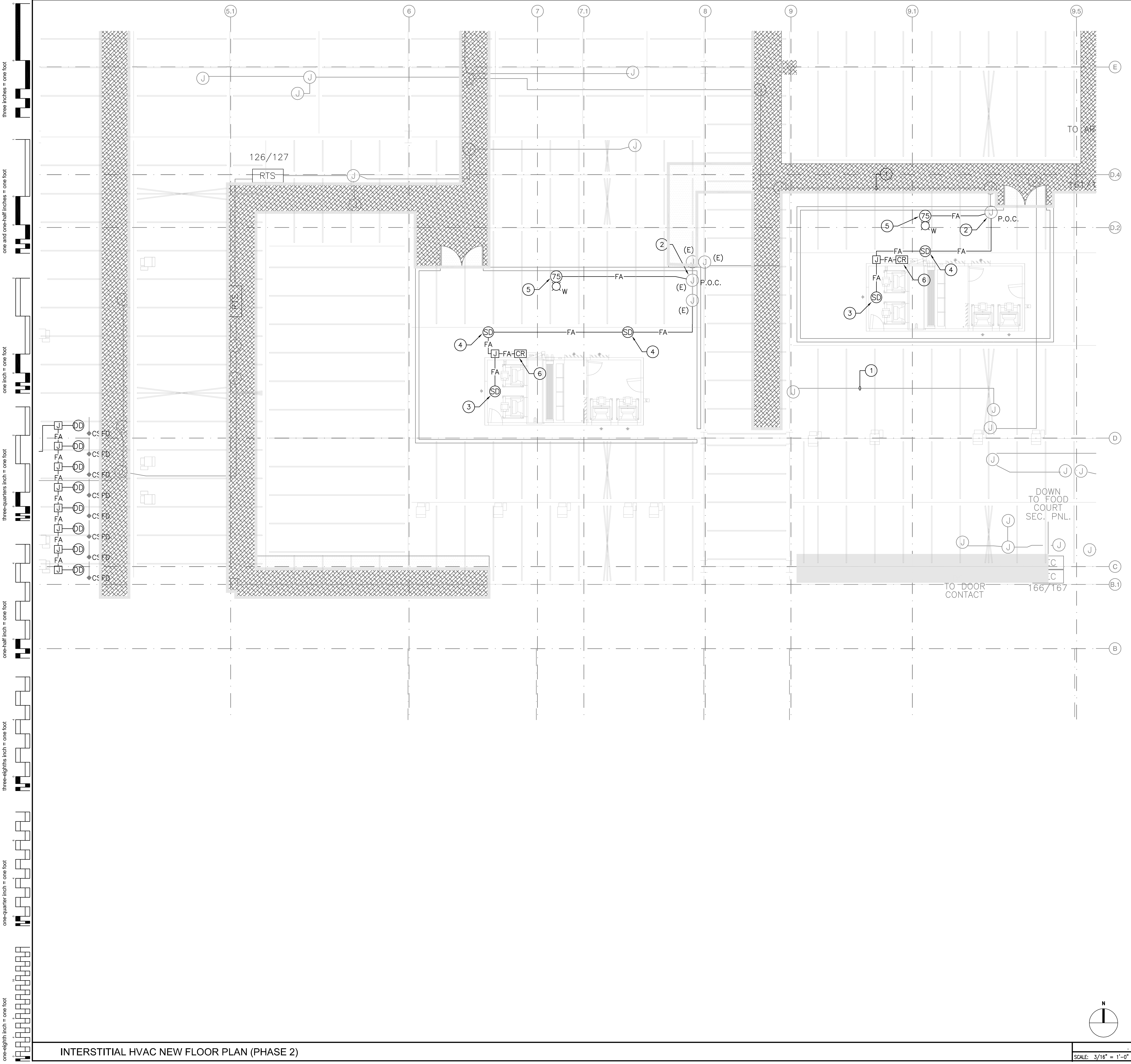
BUILDING NO. 1

Department of Veterans Affairs
3350 LaJolla Village Dr.
San Diego, California 92161

VA San Diego Healthcare System
Desert Pacific Healthcare Network

USING SERVICE: DATE: JUNE 15, 2012
FACILITIES MGMT: CHECKED: D. KARLLO
CHIEF OF STAFF: DRAWN: M.T.
CHIEF OF OPERATIONS: SCALE: AS NOTED
DRAWING No. SD-2313
SHEET NO. 96 OF 117
DIRECTOR: PROJ. No. 664-12-118

KEY PLAN



LEGEND

LINE TYPES
DEMO = DASH EXIST = SOLID NEW = BOLD/FILLED

FIRE ALARM SYSTEM

FATC NEW FIRE ALARM SYSTEM TERMINAL CABINET
BOOSTER POWER SUPPLY FOR STROBE NACS

EXISTING COMPUTER FIREWORKS GUI

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CEILING MOUNT ANALOG PHOTO SMOKE DETECTOR

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INTELLIGENT CONTROL RELAY

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FIRE ALARM SUPERVISORY RELAY

WATER FLOW SWITCH BY SPRINKLER CONTRACTOR FIRE ALARM MONITOR MODULE BY FIRE ALARM CONTRACTOR

WATER FLOW TAMPER SWITCH BY SPRINKLER CONTRACTOR FIRE ALARM MONITOR MODULE BY FIRE ALARM CONTRACTOR

STROBE CIRCUIT – DEVICE NUMBER

S-# SPEAKER CIRCUIT – DEVICE NUMBER

NEW FIRE ALARM JUNCTION BOX

EXISTING FIRE ALARM JUNCTION BOX

P.O.C. POINT OF CONNECTION

3/4" EMT CONDUIT MIN. CROSS LINES ON CONDUIT RUNS INDICATE NUMBER OF #12 CURRENT CARRYING CONDUCTORS CONTAINED THERE IN. TWO #12 AND ONE #12 GROUND WIRE ARE INDICATED WHEN CROSS LINES ARE NOT SHOWN. NUMERALS ADJACENT TO CROSS LINES ON CONDUIT RUNS INDICATED SIZE OF CONDUCTORS IN LIEU OF #12. ALL CONDUITS SHALL CONTAIN ONE GROUND WIRE SIZED PER N.E.C. TABLE 250-95. BUT NOT SMALLER THAN #12.

3/4" EMT FIRE ALARM CONDUIT

AUTOMATIC FIRE/SMOKE DAMPER, BY MECHANICAL CONTRACTOR.

GENERAL NOTES

- "WARNING" ASBESTOS PRESENT IN INTERSTITIAL AREAS ON FIRE PROOFING ON STRUCTURAL STEEL TRUSSES AND OVERSPRAY ON 4" I-BEAMS, AND ON CONCRETE DECKS. CONTRACTOR TO WEAR RESPIRATOR AND PROTECTIVE COVERALLS IAW LOCAL, STATE & FEDERAL REGULATIONS.
- REMOVE ALL ELECTRICAL FIXTURES, DEVICES, JUNCTION BOXES, WIRING AND CONDUIT AS REQUIRED TO INSTALL NEW WORK. ALL ELECTRIC WORK SCHEDULED TO BE REMOVED SHALL BE REMOVED IN ITS ENTIRETY. WIRING AND CONDUIT SHALL NOT BE ABANDONED IN PLACE BUT SHALL BE REMOVED BACK TO A JUNCTION BOX, PANEL OR CIRCUIT WHICH IS TO REMAIN IN SERVICE.
- NURSE CALL, PUBLIC ADDRESS AND FIRE ALARM EQUIPMENT SHALL BE NONDESTRUCTIVELY REMOVED BEFORE DEMOLITION AND DELIVERED TO THE ELECTRONIC SHOP. EXISTING CABLE, CONDUIT AND OTHERS SYSTEMS EQUIPMENT NOT IDENTIFIED AS "VA RETAINED" SHALL BE DEMOLISHED AND REMOVED FROM THE PREMISES BY THE CONTRACTOR.
- MAINTAIN CIRCUIT CONTINUITY WHERE APPROPRIATE.
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- ALL CLASS "B" WRING SHALL BE TIE WRAPPED EVERY 10' ON CENTER. THIS WRING SHALL BE IDENTIFY EVERY 50' ON CENTER.
- UPDATE ALL ELECTRIC PANEL INDEX CARDS TO REFLECT THE NEW ADDITIONS OR CHANGES.
- INSTALL THE NEW EQUIPMENT PER THE ARCHITECTURAL PHASING SCHEDULE. COORDINATE WITH THE ARCHITECTURAL DRAWINGS AND PHASING PLAN.
- THE FIRE ALARM SYSTEM DEVICES TO BE INSTALLED FOR THE AMBULATORY CARE AREA REMODEL PROJECT SHALL BE AN EXTENSION OF THE EXISTING BUILDING 1 FIRE ALARM SYSTEM.
- CONNECT THE NEW INTERSTITIAL SPEAKER/STROBE TO EXISTING INTERSTITIAL NOTIFICATION APPLIANCE CIRCUITS.
- INSTALL AREA SMOKE DETECTORS TO PROTECT THE NEW MECHANICAL ROOM.
- CLOSE AUTOMATIC FIRE/SMOKE DAMPERS UPON DETECTION OF SMOKE TO PROVIDE CONTROL OF SMOKE AND PROVIDE HORIZONTAL EXITING.
- ADJUST SPEAKER VOLUME SO THAT AUDIBLE VOICE MESSAGES ARE HEARD CLEARLY AND ARE INTELLIGIBLE PER THE REQUIREMENTS OF NFPA 72.7.4.1.4.
- AUDIBLE/ VISUAL AND VISUAL NOTIFICATION APPLIANCES SHALL BE WALL MOUNTED IN MECHANICAL ROOMS.
- ALL FIRE ALARM SYSTEM CONDUIT AND JUNCTION BOX COVERS SHALL BE PAINTED RED PER THE REQUIREMENTS OF THE SPECIFICATIONS.
- THE EXISTING FIRE ALARM SYSTEM IS AN EST-3 FIRE ALARM SYSTEM WHICH IS UNDER WARRANTY SERVICE BY DETECTION LOGIC PH: 760-233-9787.
- DURING DEMOLITION OF THE INTERSTITIAL SPACE, PROTECT IN PLACE ALL FIRE ALARM DEVICES AND CONDUIT NOT IN THE RENOVATE DENTAL TO AMBULATORY CARE (PHASE 2) PROJECT AREA. PROTECT IN PLACE OR REROUTE ANY FIRE CONDUIT OR WIRING WHICH IS FEEDING THE P.O.C AND FEEDING ANY DEVICE OUTSIDE THE RENOVATE DENTAL TO AMBULATORY CARE (PHASE 2) PROJECT AREA.
- FIELD VERIFY THE EXACT LOCATION OF EXISTING CONDUIT AND WIRING TO REMAIN PROTECTED IN PLACE TO MAINTAIN OPERATION OF THE SYSTEM, BEFORE DEMOLITION. COORDINATE WITH THE GENERAL CONTRACTOR BEFORE DEMOLITION BEGINS.

KEY NOTES

- FIELD VERIFY THE EXISTING FIRE ALARM CONDUITS TO DETERMINE WHICH CAN BE SAFELY REMOVED DURING DEMOLITION TO INSURE SYSTEM OPERATION OF FIRE ALARM DEVICES OUTSIDE THE PHASE 1 PROJECT AREA. PROTECT IN PLACE ALL SUCH CONDUITS.
- FIELD VERIFY THE LOCATION OF THE EXISTING INTERSTITIAL FIRE ALARM SYSTEM JUNCTION BOX CONTAINING EXISTING CIRCUITS AS NECESSARY TO EXTEND THE EXISTING SIGNALING LINE CIRCUIT. VISUAL NOTIFICATION CIRCUIT AND SPEAKER NOTIFICATION APPLIANCE CIRCUIT TO THE NEW MECHANICAL ROOMS.
- INSTALL A NEW PHOTOELECTRIC AREA SMOKE DETECTOR IN THE PLENUM OF THE NEW AHU. INSURE OPERATION AND COMPLIANCE TO HIGH AIR VELOCITY OF MAXIMUM 3,000 FT/MIN.
- AREA SMOKE DETECTORS TO MONITOR THE NEW MECHANICAL ROOM FOR SMOKE. TYPICAL.
- CONNECT THE NEW SPEAKER STROBE TO THE EXISTING INTERSTITIAL NOTIFICATION APPLIANCE CIRCUIT FOR THE SOUTH WEST AREA. EXTEND NEW WIRING AS NECESSARY.
- COORDINATE WITH THE MECHANICAL CONTRACTOR THE LOCATION TO MOUNT THE AIR HANDLER SHUT DOWN CONTROL RELAY.

KEY PLAN

T M A D TAYLOR & GAINES

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Project No. 2309-147-00

STRUCTURAL
MECHANICAL
ELECTRICAL
CIVIL

gkkworks

architecture and construction services

Project #40086

1775 Hancock Street, Suite 150, San Diego, CA 92110
619.398.0215 • 619.814.1249 fax

Renovate Dental to Ambulatory Care (Phase 2)

Interstitia HVAC New Floor Plan (Phase 2)

BUILDING NO. 1

Department of Veterans Affairs
3350 LaJolla Village Dr.
San Diego, California 92161

VA San Diego Healthcare System
Desert Pacific Healthcare Network

USING SERVICE:

DATE: JUNE 15, 2012

FACILITIES MGMT:

CHECKED: D. KARLLO

CHIEF OF STAFF:

DRAWN: M.T

CHIEF OF OPERATIONS:

SCALE: AS NOTED

DIRECTOR:

DRAWING No. SD-2313

1-FA.4

SHEET NO. 98 OF 117

PROJ. No. 664-12-118

INTERSTITIAL HVAC NEW FLOOR PLAN (PHASE 2)

SCALE: 3/16" = 1'-0"

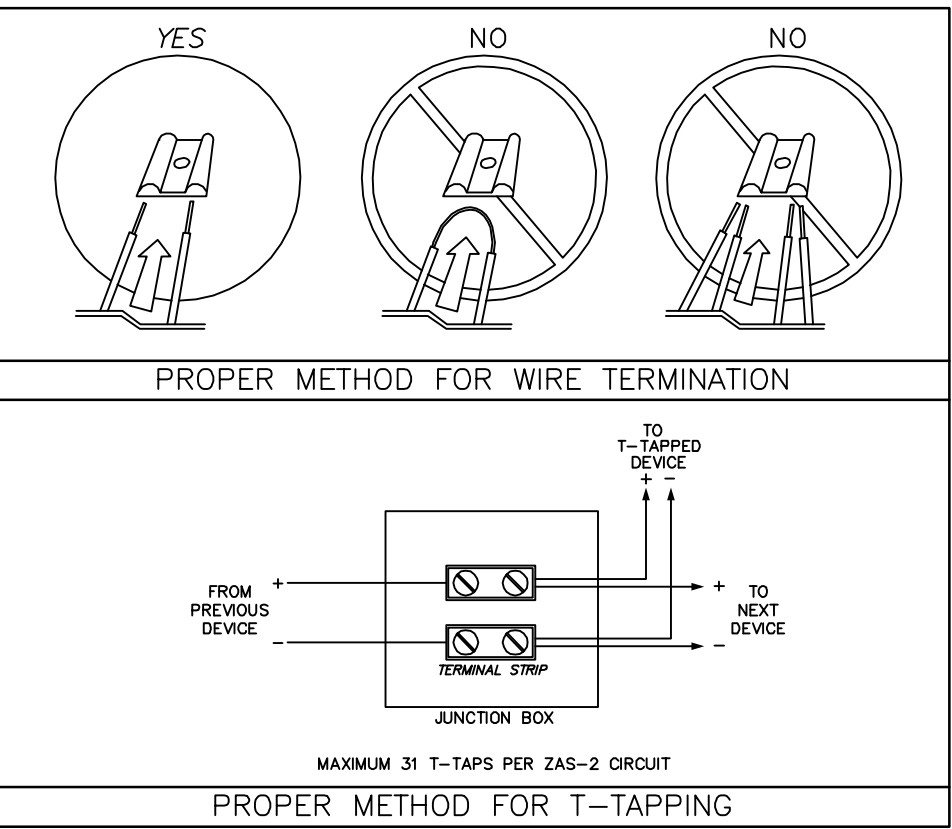
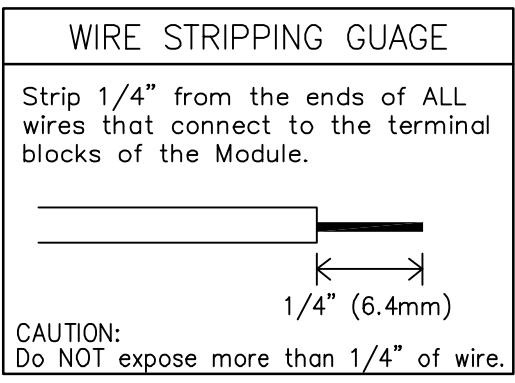
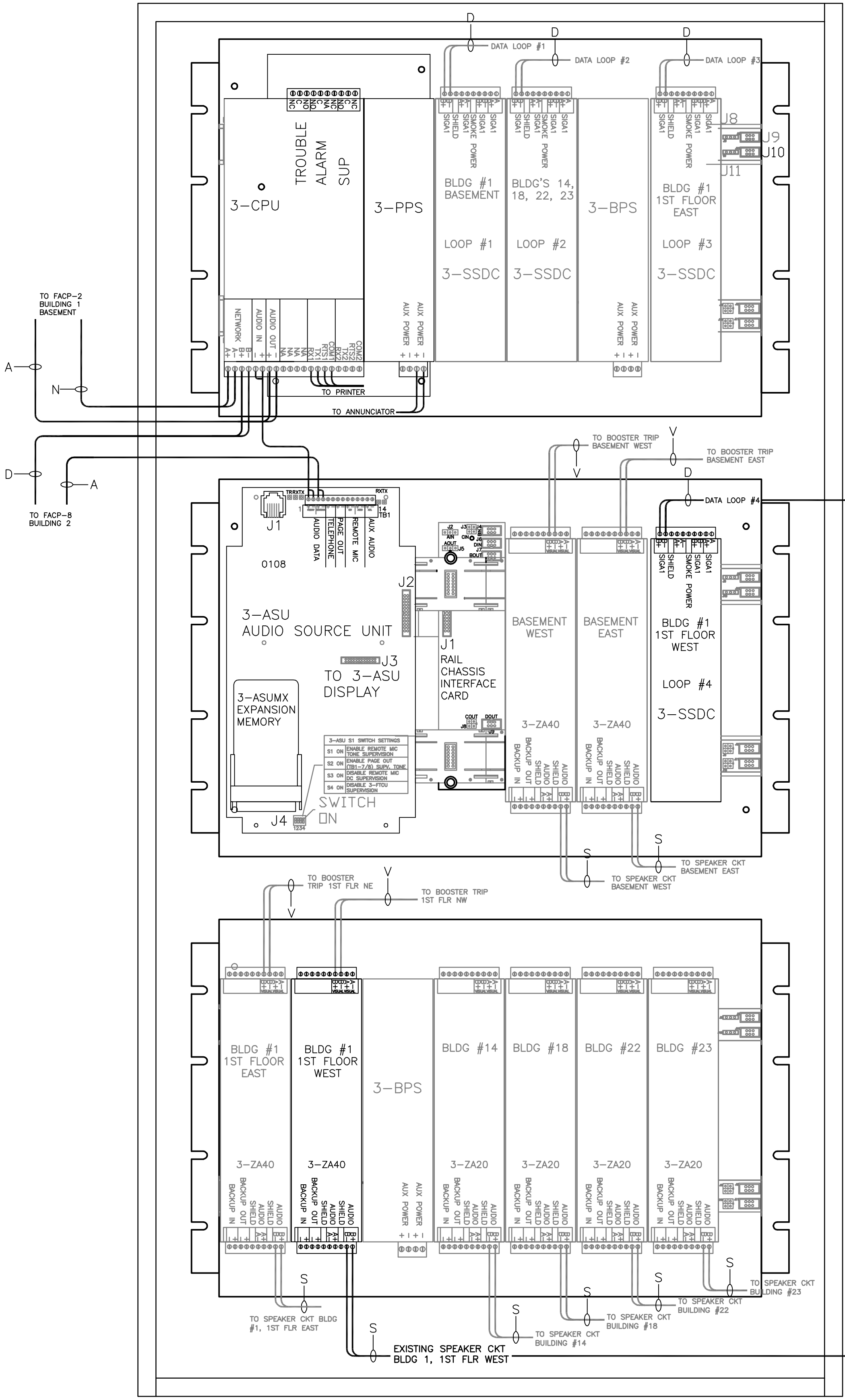
T:\23CAD\2309\2309-147-00\Low Voltage\Fire Alarm\Phase 2\EF_2_FA-4.dwg Jun 28, 2012 11:13am mtrn

100% CONSTRUCTION DOCUMENTS SUBMITTAL



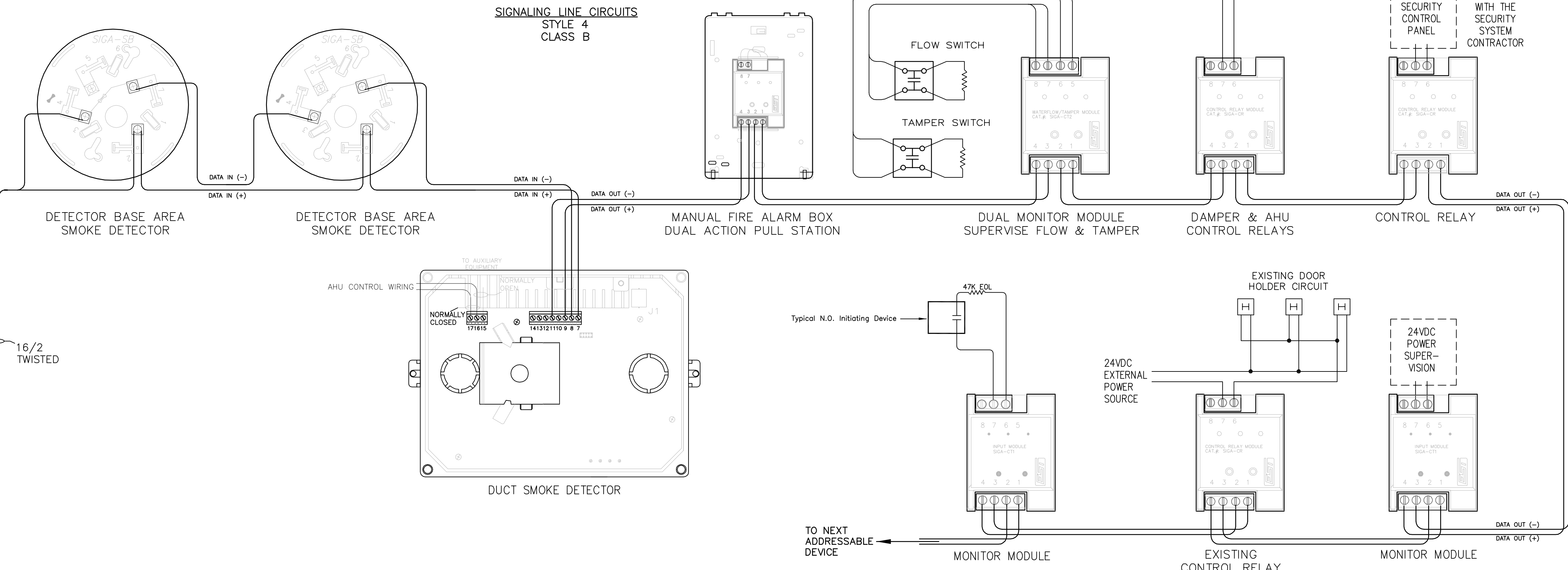
FIRE ALARM SYSTEM WIRING DIAGRAM

BUILDING #1 BASEMENT FACP
EXISTING TRANSPONDER

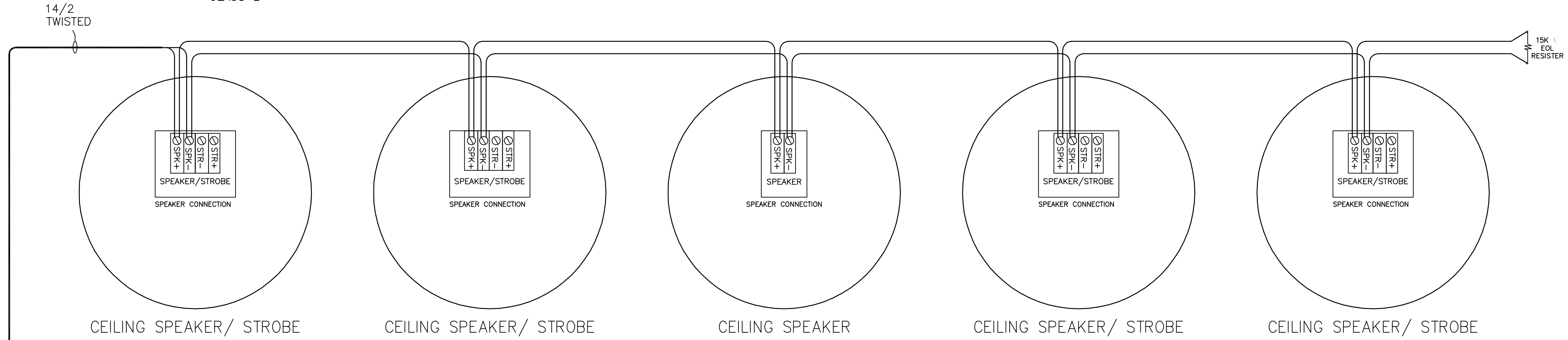


WIRE TERMINATION DETAILS

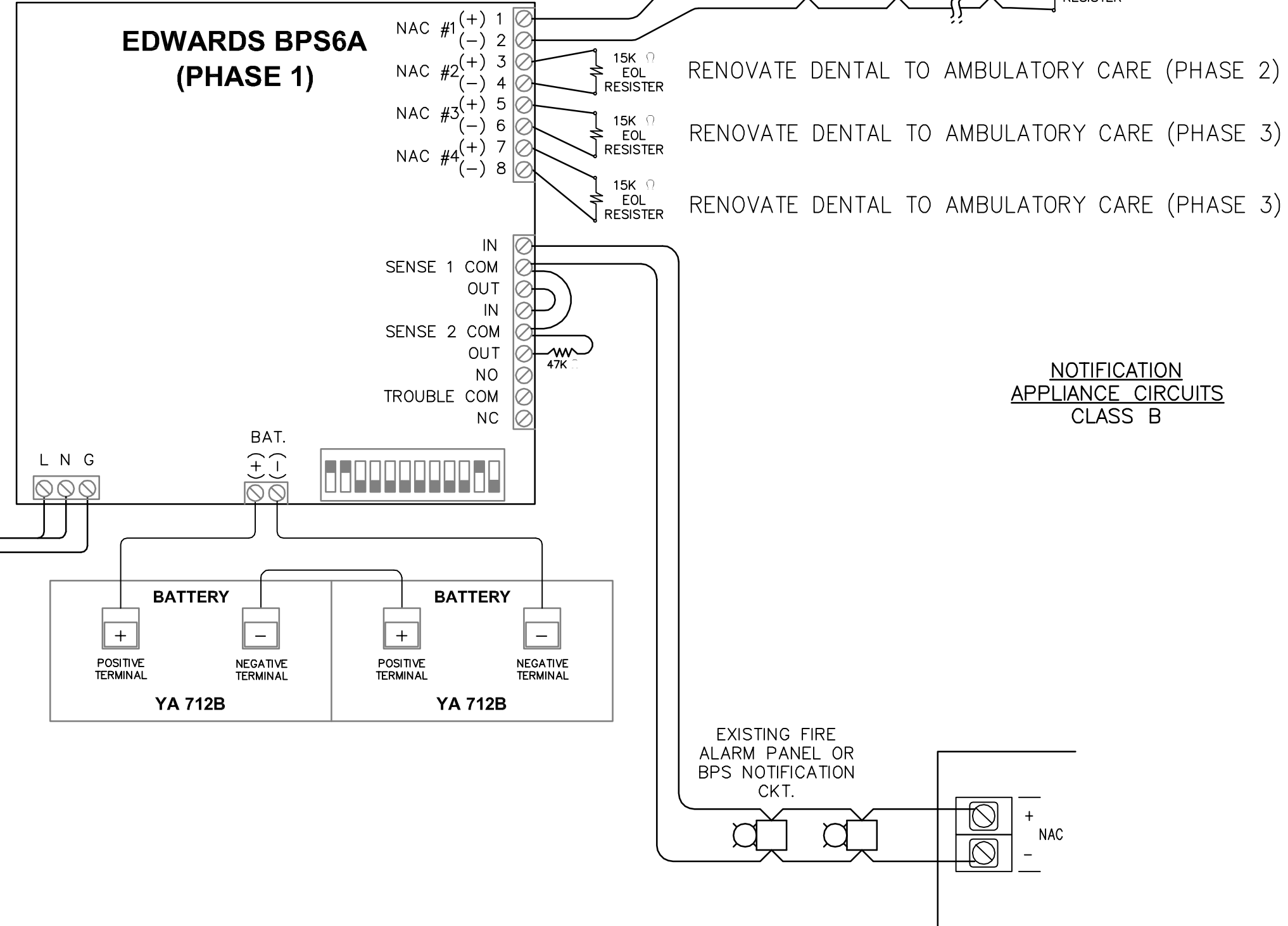
TYPICAL FIELD WIRING



NOTIFICATION
APPLIANCE CIRCUITS
CLASS B



EXISTING REMOTE
BOOSTER POWER SUPPLY



NOTIFICATION
APPLIANCE CIRCUITS
CLASS B

T.M.A.D. TAYLOR & GAINES 100 South Anaheim Boulevard, Suite 150 Anaheim, California 92805 Phone: 714.490.5555 Fax: 714.490.5560 Project No. 2309-147-00		gkkworks architecture and construction services Project #40086 1775 Hancock Street, Suite 150, San Diego, CA 92110 619.398.0215 : 619.814.1249 fax	
Renovate Dental to Ambulatory Care (Phase 2)			
Fire Alarm System Wiring Diagram		BUILDING NO. 1	
Department of Veterans Affairs 3350 LaJolla Village Dr. San Diego, California 92161		USING SERVICE: DATE: JUNE 15, 2012 CHECKED: D. KARLLO FACILITIES MGMT: DRAWN: M.T. CHIEF OF STAFF: SCALE: AS NOTED CHIEF OF OPERATIONS: DRAWING No. SD-2313 DIRECTOR: SHEET NO. 101 OF 117 PROJ. No. 664-12-118	
KEY PLAN			