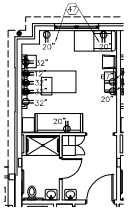
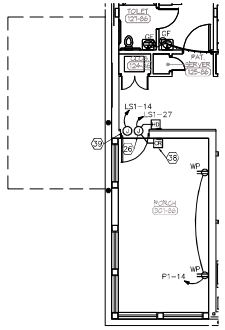
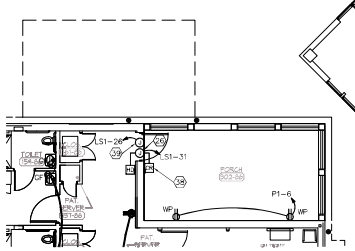


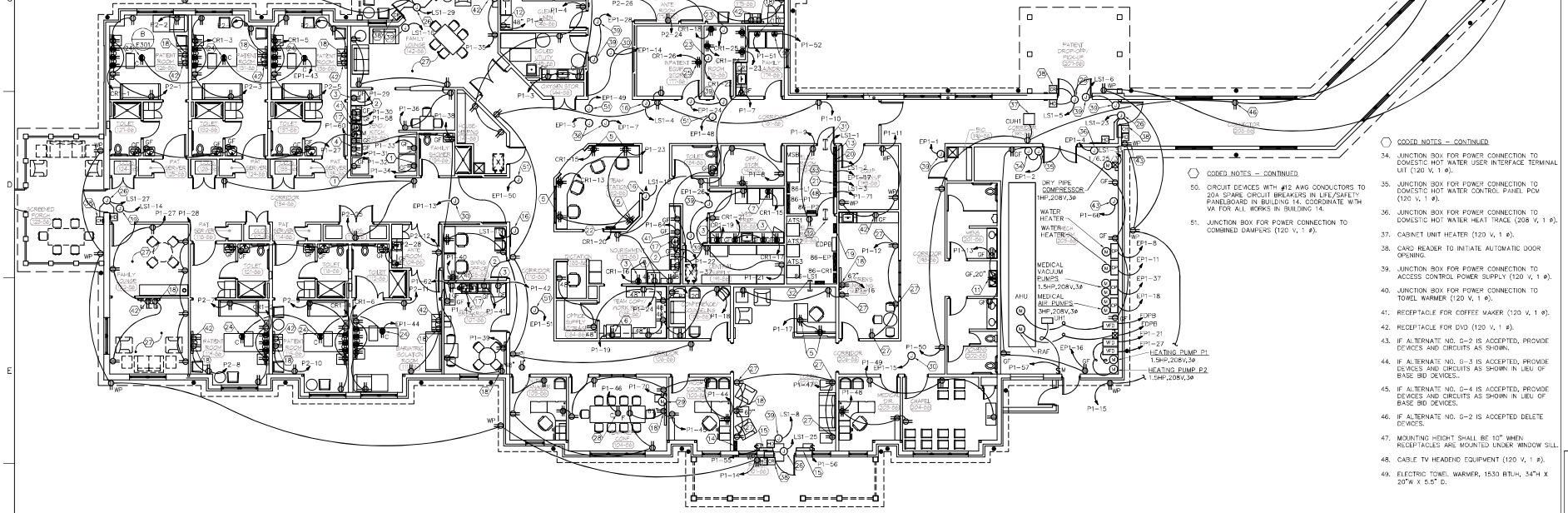
B DETAIL
PATIENT ROOM OUTLET MOUNTING HEIGHTS (TYPICAL)



C ALTERNATE NO. G-3 (44)
POWER PLAN
1/8" = 1'-0"



D ALTERNATE NO. G-4 (45)
POWER PLAN
1/8" = 1'-0"



A FIRST FLOOR
POWER PLAN
1/8" = 1'-0"

GENERAL NOTES

GENERAL NOTES

1. REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER CONSTRUCTION TRADES FOR ADDITIONAL ELECTRICAL WORK INCLUDED IN THE DIVISION 26 CONTRACT.
2. COORDINATE EXACT LOCATIONS OF EQUIPMENT WITH DIVISIONS 1-23 DRAWINGS. VERIFY EXACT WIRING AND CONNECTION REQUIREMENTS WITH SUBMITTAL DOCUMENTS BEFORE INSTALLATION. SPECIALTY OUTLET TYPES SHALL BE VERIFIED BEFORE ORDERING. ALL ELECTRICAL WORK SHOWN HERE MUST BE VERIFIED AND COORDINATED IN FIELD BEFORE INSTALLATION.
3. REFER TO ARCHITECTURAL ELEVATIONS FOR EQUIPMENT OUTLET MOUNTING HEIGHTS.
4. ALL CONDUITS IN AREAS WITHOUT SUSPENDED CEILINGS SHALL BE RUN INCONSPICUOUSLY AS POSSIBLE, HIDDEN BEHIND BEAMS, CLOSE TO DECK, ETC. OBTAIN APPROVAL OF CONDUIT RUNS BELOW BEAMS WITH OWNER'S REPRESENTATIVE.
5. ALL DEVICES SHOWN ON THE EXTERIOR OF THE BUILDING SHALL BE WEATHERPROOF TYPE.
6. REFER TO ARCHITECTURAL DOOR SCHEDULES, AND DOOR HARDWARE SPECIFICATION 087100 FOR ELECTRICAL DEVICES INSTALLED AT DOORS.
7. PROVIDE ALL FINAL POWER CONNECTIONS TO EQUIPMENT. PROVIDE ALL CONDUIT, DEVICE BOXES, AND CONTROL WIRING TO EQUIPMENT UNLESS NOTED OTHERWISE.
8. ADD "B6" AS A PREFIX TO ALL BRANCH CIRCUIT NUMBERS. EXAMPLE B6P1-1.

⬡ CODED NOTES

1. RECEPTACLE FOR VENDING MACHINE (120 V, 1ø).
2. RECEPTACLE FOR MICROWAVE (120 V, 1ø).
3. RECEPTACLE FOR REFRIGERATOR (120 V, 1ø).
4. RECEPTACLE FOR DISHWASHER (120 V, 1ø).
5. MOUNT DEVICE IN CASEWORK. VERIFY IN FIELD WITH ARCHITECT PRIOR TO ROUGH-IN.
6. RECEPTACLE FOR COPIER (120 V, 1ø).
7. RECEPTACLE FOR DRUG DISPENSER (120 V, 1ø).
8. RECEPTACLE FOR ICE MAKER (120 V, 1ø).
9. RECEPTACLE FOR DRYER (208 V, 1ø).
10. RECEPTACLE FOR WASHING MACHINE (208 V, 1ø).
11. RECEPTACLE FOR ELEC. WATER COOLER (120 V, 1ø).
12. RECEPTACLE FOR BLANKET WARMER (120 V, 1ø).
13. MAIN FIRE ALARM PANEL (120 V, 1ø).
14. FIRE ALARM LOCAL ANNUNCIATOR (120 V, 1ø).
15. ELECTRIC HEATER (120V, 1 ø).
16. JUNCTION BOX FOR POWER CONNECTION TO MEDICAL GAS PANEL. (120 V, 1 ø).
17. GARBAGE DISPOSAL (120 V, 1ø).
18. RECEPTACLE FOR TV (120 V, 1 ø).
19. GENERATOR ANNUNCIATOR PANEL.
20. NURSE CALL SYSTEM MASTER.
21. PAGING/MUZAK SYSTEM CONTROL PANEL.
22. GRAPHICAL DOOR ANNUNCIATOR PANEL.
23. JUNCTION BOX FOR POWER CONNECTION TO IT EQUIPMENT (120 V, 1ø).
24. CEILING MOUNTED RECEPTACLE FOR PATIENT LIFT (120 V, 1ø). COORDINATE EXACT LOCATION WITH PATIENT LIFT SUPPLIER.
25. RECEPTACLE FOR IV POLES (120 V, 1ø).
26. JUNCTION BOX FOR POWER CONNECTION TO AUTOMATIC DOOR OPERATOR MOUNTED ABOVE DROPPED CEILING (120 V, 1 ø).
27. TAMPER RESISTANT RECEPTACLES.
28. CEILING MOUNTED RECEPTACLE FOR PROJECTOR.
29. POWER FOR MOTORIZED PROJECTION SCREEN (120 V, 1 ø).
30. JUNCTION BOX FOR POWER CONNECTION TO HVAC CONTROL (120 V, 1 ø).
31. EXTEND 3-#4", 4-2", 6-1 1/2" AND 10-1" CONDUITS AS SHOWN ABOVE THE DROPPED CEILING.
32. EXTEND 2-#4", 2-2", 3-1 1/2" AND 6-1" CONDUITS AS SHOWN ABOVE THE DROPPED CEILING.
33. INTERCOM SYSTEM CONTROL PANEL (120 V, 1 ø).

⬡ CODED NOTES – CONTINUED

34. JUNCTION BOX FOR POWER CONNECTION TO DOMESTIC HOT WATER USER INTERFACE TERMINAL LIT (120 V, 1 ø).
35. JUNCTION BOX FOR POWER CONNECTION TO DOMESTIC HOT WATER CONTROL PANEL PCM (120 V, 1 ø).
36. JUNCTION BOX FOR POWER CONNECTION TO DOMESTIC HOT WATER HEAT TRACE (208 V, 1 ø).
37. CABINET UNIT HEATER (120 V, 1 ø).
38. CARD READER TO INITIATE AUTOMATIC DOOR OPENING.
39. JUNCTION BOX FOR POWER CONNECTION TO ACCESS CONTROL POWER SUPPLY (120 V, 1 ø).
40. JUNCTION BOX FOR POWER CONNECTION TO TOWEL WARMER (120 V, 1 ø).
41. RECEPTACLE FOR COFFEE MAKER (120 V, 1 ø).
42. RECEPTACLE FOR DVD (120 V, 1 ø).
43. IF ALTERNATE NO. G-2 IS ACCEPTED, PROVIDE DEVICES AND CIRCUITS AS SHOWN.
44. IF ALTERNATE NO. G-3 IS ACCEPTED, PROVIDE DEVICES AND CIRCUITS AS SHOWN IN LIEU OF BASE BID DEVICES..
45. IF ALTERNATE NO. G-4 IS ACCEPTED, PROVIDE DEVICES AND CIRCUITS AS SHOWN IN LIEU OF BASE BID DEVICES.
46. IF ALTERNATE NO. G-2 IS ACCEPTED DELETE DEVICES.
47. MOUNTING HEIGHT SHALL BE 10" WHEN RECEPTACLES ARE MOUNTED UNDER WINDOW SILL.
48. CABLE TV HEADEND EQUIPMENT (120 V, 1 ø).
49. ELECTRIC TOWEL WARMER, 1530 BTUH, 34"H X 20"W X 5.5" D.

⬡ CODED NOTES – CONTINUED

50. CIRCUIT DEVICES WITH ø12 AWG CONDUCTORS TO 20A SPARE CIRCUIT BREAKERS IN LIFE/SAFETY PANELBOARD IN BUILDING 14. COORDINATE WITH VA FOR ALL WORKS IN BUILDING 14.
51. JUNCTION BOX FOR POWER CONNECTION TO COMBINED DAMPERS (120 V, 1 ø).

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Consultant

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P. ALBRIGHT
DRAWN BY
D. WHELAN
CHECKED BY
G. KORDA
JOB FILE 5295-0204

NORTH

Korda Project No. 2009-0204

1/8" - 1'0"

REVISION NO.	REVISION DESCRIPTION		
Revisions		By	Date

Department of Veterans Affairs
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1826 Veterans Blvd.
Dublin, Ga. 31021

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LOCAL (706) 864-3380
FAX (678) 267-3731
www.jsmithengineering.com

Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title: FIRST FLOOR POWER PLAN

Project Title: VA HOSPICE CARE UNIT

Date: 09/09/2010

Project Number: 557-CSI-375

Submittal: CONSTRUCTION BID DOCUMENTS

Job Number: 2009-05-01

Drawn: KORDA/NEMETH ENGINEERING, INC.

Building Number: 86

AutoCAD File Name

Checked: KORDA/NEMETH ENGINEERING, INC.

Reviewed: KORDA/NEMETH ENGINEERING, INC.

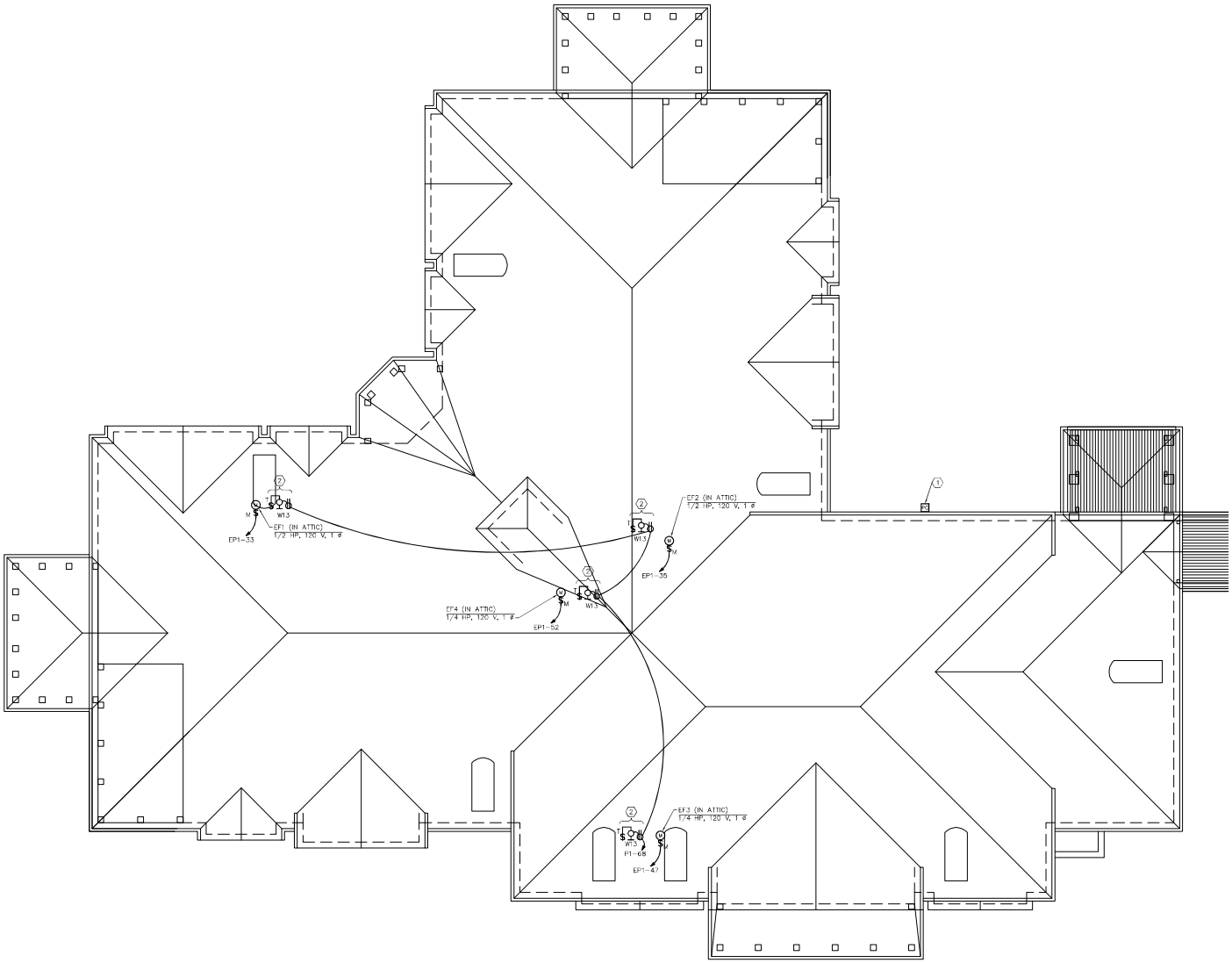
Const. Contract

DRAWING No. E301

Dwg. ? Of

Veterans Affairs

VA FORM 08-6231, JUN 1992



A ATTIC PLAN

POWER

1/8" = 1'-0"

0 2 4 8

GENERAL NOTES

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3. ALL DEVICES SHOWN ON THE EXTERIOR OF THE BUILDING SHALL BE WEATHERPROOF TYPE.
4. PROVIDE ALL FINAL POWER CONNECTIONS TO EQUIPMENT. PROVIDE ALL CONDUIT, DEVICE BOXES, AND CONTROL WIRING TO EQUIPMENT UNLESS NOTED OTHERWISE.
5. ADD "86" AS A PREFIX TO ALL BRANCH CIRCUIT NUMBERS. EXAMPLE 86P1-68.

CODED NOTES

1. APPROXIMATE LOCATION OF PHOTOCELL (CONTROLLING SITE AND EXTERIOR LIGHTING) ON ROOF. VERIFY LOCATION WITH ARCHITECT IN FIELD.
2. MOUNT DEVICES IN ATTIC WITHIN 15 FEET OF EXHAUST FAN.

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Consultant

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DRAWN BY
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Korda Project No. 2009-0204

NORTH

1/8" - 1'0"

REVISION NO.	REVISION DESCRIPTION	By	Date

Revisions

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Dublin, Ga. 31021

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4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title: ATTIC POWER PLAN

Project Title: VA HOSPICE CARE UNIT

Date: 09/09/2010

Project Number: 557-CSI-375

Submittal: CONSTRUCTION BID DOCUMENTS

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Drawn: KORDA/NEMETH ENGINEERING, INC.

Building Number: 86

AutoCAD File Name:

Checked: KORDA/NEMETH ENGINEERING, INC.

Reviewed: KORDA/NEMETH ENGINEERING, INC.

Const. Contract:

DRAWING No. E302

Dwg. ? Of

Veterans Affairs

VA FORM 08-6231, JUN 1992

GENERAL NOTES

LUMINAIRE (LIGHTING) FIXTURE SCHEDULE

NOTES: FIXTURE NUMBER, LETTER PREFIX INDICATES TYPE OF MOUNTING AS FOLLOWS: C-CEILING MOUNTED; S-SUSPENDED; W-WALL MOUNTED; R-CEILING RECESSED; WR-WALL RECESSED; CV-COVE MOUNTED; U-UNDERCABINET; P-POST; G-GROUND MOUNTED; X-UNIVERSAL MOUNTED; T-TRACK. PARTIAL MODEL NUMBERS MAY BE SHOWN AND ARE INTENDED TO INDICATE ACCEPTABLE MANUFACTURER'S PRODUCT LINE. EXACT MODEL NUMBERS MEETING THE FIXTURE DESCRIPTION SHALL BE OBTAINED FROM MANUFACTURER'S AGENTS. ALL FIXTURES MAY NOT BE USED - REFER TO PLANS. DIMENSIONS MAY VARY. REFER TO SPECIFICATIONS SECTIONS 16500 FOR ADDITIONAL REQUIREMENTS SUCH AS FUSING, DIMMING BALLAST AND MULTI-LEVEL SWITCHING REQUIREMENTS, ETC. REFER TO DRAWINGS FOR FIXTURES CIRCUITED TO DIMMERS (PROVIDE WITH DIMMING BALLASTS) AND SHOWN TO BE PROVIDED WITH MULTI-LEVEL CONTROL (PROVIDE WITH DUAL BALLASTS).

FIXTURE NUMBER	FIXTURE DESCRIPTION	FIXTURE VOLTAGE	LAMP TYPE	PHOTO
S1	42" WIDTH, 37" HEIGHT, SUSPENDED LIGHTING FIXTURE, ANTIQUE NICKEL, ETCHED OPAL GLASS, 18 BULBS, 120" CHAIN AND 144" LEADWIRE, WEIGHT 41 LBS. COORDINATE SUSPENSION HEIGHT WITH ARCHITECT IN FIELD.	120	9W MEDIUM BASE, SELF-BALLASTED A SHAPE COMPACT FLUO.	
C2	2.9" WIDTH, 2" HEIGHT, CUSTOM LENGTH, 1 LAMP FLUORESCENT COVE LIGHTING FIXTURE, ACRYLIC LENSE, WHITE EXTRUDED ALUMINUM BODY, REMOTE MOUNT BALLAST IN STEEL ENCLOSURE, STEEL END CAPS, UL LISTED.	120	FO32/25W/835	
R3	6" DIA, 7" DEEP, 1 LAMP, CEILING RECESSED FLUORESCENT DOWNLIGHT WITH CLEAR SPECULAR ALZAK IRIDESCENCE-FREE REFLECTOR, BAR HANGERS, PREWIRED HOUSING, DAMP LOCATION UL LISTING. PROVIDE WHITE TRIM RINGS.	120	CF26DD/835	
W4	22" WIDTH, 8.5" HEIGHT, 3 LAMPS, WALL MOUNTED FIXTURE, ETCHED OPAL GLASS, ANTIQUE NICKEL. COORDINATE MOUNTING HEIGHT WITH ARCHITECT IN FIELD.	120	20W MEDIUM BASE SELF-BALLASTED A SHAPE COMPACT FLUO.	
W5	6 7/8" DEPTH, 24" LENGTH, 2 LAMP, WALL MOUNTED FLUORESCENT WRAP FIXTURE WITH .125" ACRYLIC PRISMATIC LENS, WHITE BAKED ENAMEL STEEL HOUSING, LENS SUPPORTED BY END PLATES, DAMP LOCATION LISTING. MOUNT AT 8' - 4" A.F.F.	120	FO17/735	
S6	16.25" WIDTH, 11.75" HEIGHT, 3 LAMPS, SUSPENDED LIGHTING FIXTURE, ANTIQUE NICKEL, ETCHED OPAL GLASS. COORDINATE SUSPENSION HEIGHT WITH ARCHITECT IN FIELD	120	20W MEDIUM BASE SELF-BALLASTED A SHAPE COMPACT FLUO.	
R7	2' X 4', 3 LAMP, CEILING RECESSED INDIRECT FLUORESCENT FIXTURE, POWDER COATED SHEET STEEL CONSTRUCTION, STEEL SIDE REFLECTORS, MATTE SATIN WHITE FINISH, ACRYLIC DIFFUSER. PROVIDE WITH 2 BALLASTS FOR MULTILEVEL SWITCHING	120	FO32/25W/835	
R8	2'x 4' 4 LAMP CEILING RECESSED FLUORESCENT STATIC GRID TROFFER WITH 4.5" DEEP WHITE BAKED ENAMEL STEEL HOUSING,MINIMUM .125" PRISMATIC ACRYLIC LENS, MITERED CORNER REGRESSED ALUMINUM DOOR FRAME, SPRING LOADED CAM LATCHES, GRID CLIPS.	120	FO32/25W/835	
S9	14" x 7" x 50", 2 LAMP, SUSPENDED FLUORESCENT INDUSTRIAL FIXTURE WITH WHITE BAKED ENAMEL STEEL HOUSING AND REFLECTOR, 20% UPLIGHT SLOTS, TURRET TYPE LAMP HOLDERS. SUSPEND TO 8' A.F.F. PROVIDE WITH WIRE GUARDS.	120	FO32/25W/835	
R10	2' X 4', 2 LAMP, CEILING RECESSED INDIRECT FLUORESCENT FIXTURE, POWDER COATED SHEET STEEL CONSTRUCTION, STEEL SIDE REFLECTORS, MATTE SATIN WHITE FINISH, ACRYLIC DIFFUSER.	120	FO32/25W/835	
R11	6" DIA, 7" DEEP, 2 LAMP, CEILING RECESSED FLUORESCENT DOWNLIGHT WITH CLEAR SPECULAR ALZAK IRIDESCENCE-FREE REFLECTOR, BAR HANGERS, PREWIRED HOUSING, DAMP LOCATION UL LISTING. PROVIDE WHITE TRIM RINGS.	120	CF26DD/835	
X12	13" WIDTH x 10" HEIGHT, UNIVERSAL CANOPY MOUNT, SINGLE FACE LED EXIT SIGN, BRUSHED ALUMINUM HOUSING, CLEAR BACKROUND ACRYLIC PANEL, RED LETTERS, DIRECTIONAL ARROWS, SWITCH AND LED.	120	W/FIXTURE	
W13	4" DIA, 5" HIGH, 1 LAMP, WALL MOUNTED INCANDESENT JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS REFRACTOR, BRONZE POLYCARBONATE HOUSING, TAMPERPROOF SCREWS, UL LISTING	120	150W MEDIUM BASE G-LAMP	
UC14 UC14A	4.5" WIDTH X 1" TALL X 30" LENGTH, UNDERCOUNTER LED LIGHT, ALUMINUM HOUSING, PRISMATIC GLASS LENS, UL LISTED COLOR SELECTED BY ARCHITECT SAME AS UC14 EXCEPT 22" LENGTH	120	INTEGRAL LED	
W15	18.5" TALL, 6.5" WIDE, 9.5" EXTENSION, 1 LAMP INCANDESCENT LANTERN SHAPED WALL SCONCE, WITH GLASS PANELS, ALUMINUM HOUSING COLOR AND FINISH SELECTED BY ARCHITECT. UL LISTED FOR WET LOCATIONS	120	20W MEDIUM BASE SELF-BALLASTED A SHAPE COMPACT FLUO.	

LUMINAIRE (LIGHTING) FIXTURE SCHEDULE

NOTES: FIXTURE NUMBER, LETTER PREFIX INDICATES TYPE OF MOUNTING AS FOLLOWS: C-CEILING MOUNTED; S-SUSPENDED; W-WALL MOUNTED; R-CEILING RECESSED; WR-WALL RECESSED; CV-COVE MOUNTED; U-UNDERCABINET; P-POST; G-GROUND MOUNTED; X-UNIVERSAL MOUNTED; T-TRACK. PARTIAL MODEL NUMBERS MAY BE SHOWN AND ARE INTENDED TO INDICATE ACCEPTABLE MANUFACTURER'S PRODUCT LINE. EXACT MODEL NUMBERS MEETING THE FIXTURE DESCRIPTION SHALL BE OBTAINED FROM MANUFACTURER'S AGENTS. ALL FIXTURES MAY NOT BE USED - REFER TO PLANS. DIMENSIONS MAY VARY. REFER TO SPECIFICATIONS SECTIONS 16500 FOR ADDITIONAL REQUIREMENTS SUCH AS FUSING, DIMMING BALLAST AND MULTI-LEVEL SWITCHING REQUIREMENTS, ETC. REFER TO DRAWINGS FOR FIXTURES CIRCUITED TO DIMMERS (PROVIDE WITH DIMMING BALLASTS) AND SHOWN TO BE PROVIDED WITH MULTI-LEVEL CONTROL (PROVIDE WITH DUAL BALLASTS).

FIXTURE NUMBER	FIXTURE DESCRIPTION	FIXTURE VOLTAGE	LAMP TYPE	PHOTO
R16	2'x 4' 3 LAMP CEILING RECESSED FLUORESCENT STATIC GRID TROFFER WITH 4.5" DEEP WHITE BAKED ENAMEL STEEL HOUSING,MINIMUM .125" PRISMATIC ACRYLIC LENS, MITERED CORNER REGRESSED ALUMINUM DOOR FRAME, SPRING LOADED CAM LATCHES, GRID CLIPS.	120	FO32/25W/835	
P17	30", 200W POLE MOUNTED, COMPACT FLUORESCENT LAMP AREA LIGHT, PRISMATIC ACRYLIC REFLECTOR AND REFRACTOR, TYPE III DISTRIBUTION, WITH RIBS, BAND AND MEDALLIONS, DOOR FRAME, 14' HIGH 5" ROUND ALUMINUM POLE WITH BOLT COVERS. WET LOCATION, UL LISTING.	208	CF200 MATCH EXISTING MAXLITE HIGHMAX SERIES	
P18	30", 100W POLE MOUNTED COMPACT FLUORESCENT LAMP AREA LIGHT, PRISMATIC ACRYLIC REFLECTOR AND REFRACTOR, TYPE III DISTRIBUTION, WITH RIBS, BAND AND MEDALLIONS, DOOR FRAME, 10' HIGH 5" ROUND ALUMINUM POLE WITH BOLT COVERS. WET LOCATION, UL LISTING. LANTERAN AND POLE TO MATCH EXISTING	208	CF100 MATCH EXISTING MAXLITE HIGHMAX SERIES	
R19	2' X 4', 3 LAMP, CEILING RECESSED FLUORESCENT FIXTURE, POWDER COATED SHEET STEEL CONSTRUCTION, STEEL SIDE REFLECTORS, MATTE SATIN WHITE FINISH, ACRYLIC DIFFUSER	120	FO32/25W/835	
R20	6" DIA, 7" DEEP, 2 LAMP, CEILING RECESSED FLUORESCENT DOWNLIGHT WITH CLEAR SPECULAR ALZAK IRIDESCENCE-FREE REFLECTOR, BAR HANGERS, PREWIRED HOUSING, DAMP LOCATION UL LISTING. PROVIDE WHITE TRIM RINGS.PROVIDE DIMMABLE BALLAST	120	CF26DD/835	
R21	2' X 4', 2 T8 LAMP AMBIENT AND 2 T5 LAMP EXAM, CEILING RECESSED FLUORESCENT FIXTURE,POWDER COATED SHEET STEEL CONSTRUCTION, STEEL SIDE REFLECTORS, ACRYLIC DIFFUSER MATTE SATIN WHITE ANTI-MICROBIAL FINISH.	120	FO32/25W/835 FP54/735	
CF22	CEILING FAN, COVERED PORCH, 52" DIAMETER, 5 BLADE UL LISTED FOR OUTDOOR LOCATIONS WEATHERED BRICK FINISH, THREE POSITION, INSTALLERS CHOICE MOUNTING SYSTEM.	120	-	
UC23	2.9" WIDTH, 2" HEIGHT, 4'LENGTH, 1 LAMP FLUORSCENT LIGHTING FIXTURE, MOUNTED WITH PATIENT HEADWALL, ACRYLIC LENSE, WHITE EXTRUDED ALUMINUM BODY,REMOTE MOUNT BALLAST IN STEEL ENCLOSURE, STEEL END CAPS, UL LISTED	120	FO32/25W/835	
G24	8" X 6" X10.5" WIDE, LED GROUND MOUNTED FLOOD LIGHTING FIXTURE, ALUMINUM HOUSING, SPECULAR ALZAK ALUMINUM REFLECTOR, ALUMINUM SWIVEL BASE, STAINLESS STEEL FASTNERS, THICK CLEAR TEMPERED GLASS LENS, COMPLETE WITH LED DRIVER, WET LOCATION UL LISTED. COLOR AND FINISH SELECTED BY ARCHITECT	120	INTEGRAL LED	
W25	5" HEIGHT x 3" WIDTH LED NIGHT LIGHT, RECESSED IN WALL DIE CAST ALUMINUM HOUSING, SCOOP FACEPLATE, 6 LED MINIMUM UL LISTED. MOUNT AT 18" ABOVE THE FLOOR. COLOR AND FINISH BY ARCHITECT.	120	INTEGRAL WHITE LED	
R26	2'x 4' 3 LAMP CEILING RECESSED FLUORESCENT STATIC GRID TROFFER WITH 4.5" DEEP WHITE BAKED ENAMEL STEEL HOUSING,MINIMUM .125" PRISMATIC ACRYLIC LENS, MITERED CORNER REGRESSED ALUMINUM DOOR FRAME, SPRING LOADED CAM LATCHES, GRID CLIPS. PROVIDE WITH 2 BALLASTS FOR MULTI-LEVEL SWITCHING	120	FO32/25W/835	
C27	18 7/8" x 18 7/8" x 3 3/4" HEIGHT, 2 LAMP, CEILING MOUNTED COMPACT FLUORESCENT FIXTURE, CURVED FROSTED GLASS, FOUR DECORATIVE SATIN NICKEL CLASPS	120	CF18DD/830	
S28	26" WIDTH, 24" HEIGHT, 5 LAMPS, SUSPENDED LIGHTING FIXTURE, ANTIQUE NICKEL, ETCHED OPAL GLASS, 60" CHAIN AND 72" LEAD WIRE, 14 LBS. COORDINATE SUSPENSION HEIGHT WITH ARCHITECT IN FIELD.	120	20W MEDIUM BASE SELF-BALLASTED A SHAPE COMPACT FLUO.	
R29	2'x 4' 3 LAMP CEILING RECESSED FLUORESCENT CLEANROOM GRID TROFFER WITH 5" DEEP WHITE BAKED ENAMEL STEEL HOUSING,MINIMUM .125" PRISMATIC ACRYLIC LENS, MITERED CORNER ALUMINUM DOOR FRAME, SEALED LATCHES, GRID CLIPS. UL LISTED FOR WET LOCATIONS.	120	FO32/25W/835	
R30	6" DIA, 8" DEEP, 1 LAMP, CEILING RECESSED. FLUORESCENT WALL WASHER WITH CLEAR SPECULAR ALZAK LOW IRIDESCENT REFLECTOR, WHITE TRIM, PREWIRED HOUSING. BAR HANGERS.	120	CF26DD/835	
C31	10" DIA, 5" DEEP, 2 LAMP, CEILING MOUNTED COMPACT FLUORESCENT LIGHTING FIXTURE, DIE CAST ALUMINUM HOUSING WEATHERPROOF SILICONE GASKET, IMPACT RESISTANT POLYCARBONATE LENS, STAINLESS STEEL HARDWARE, WET LOCAITON, UL LISTED.	120	CF26DD/835	

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CHECKED BY E. KUNDLA
JOB FILE 2009-0204

NORTH

REVISION NO.	REVISION DESCRIPTION	By	Date

Revisions

Department of Veterans Affairs
Medical Center
1826 Veterans Blvd.
Dublin, Ga. 31021

SEAL

JMSmith ENGINEERING, LLC
155 CLARKESVILLE STREET
CORNELIA, GEORGIA 30531
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FAX (678) 267-3731
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Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title: LUMINAIRE SCHEDULE

Project Title: VA HOSPICE CARE UNIT

Date: 09/09/2010

Project Number: 557-CSI-375

Submittal: CONSTRUCTION BID DOCUMENTS

Job Number: 2009-05-01

Drawn: KORDA/NEMETH ENGINEERING, INC.

Checked: KORDA/NEMETH ENGINEERING, INC.

Building Number: 86

Reviewed: KORDA/NEMETH ENGINEERING, INC.

AutoCAD File Name

Const. Contract

DRAWING No. E501

Dwg. ? Of

Veterans Affairs

VA FORM 08-6231, JUN 1992

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

GENERAL NOTES

CODED NOTES

1. FUSIBLE PANEL BOARD.
2. MAIN TYPE SHALL BE NON – FUSED MAIN DISCONNECT.

PANEL ID: 86–CR1 (1)
LOCATION: ELEC ROOM–193
MOUNTING: SURFACE
MAIN TYPE: (2)
VOLTAGE: 208 / 120
PHASE: 3
WIRE: 4
MAIN SIZE: 200A
LEGEND:
NOTES: COORDINATE LUG SIZE WITH WIRE SIZE ON 1 LINE DIAGRAM.
PROVIDE PANEL WITH FEED THRU LUGS.

GND SIZE	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	CIRCUIT BREAKER SIZE/TYPE	CIRCUIT NUMBER	CIRCUIT BREAKER SIZE/TYPE	BRANCH CIRCUIT DESCRIPTION	WIRE SIZE	GND SIZE
10	10	RECEPTACLE–126	20/1	1 2	20/1	RECEPTACLE–119	10	10
10	10	RECEPTACLE–131	20/1	3 4	20/1	RECEPTACLE–115	10	10
10	10	RECEPTACLE–136	20/1	5 6	20/1	RECEPTACLE–111	12	12
10	10	RECEPTACLE–158	20/1	7 8	20/1	RECEPTACLE–165	12	12
12	12	RECEPTACLE–154	20/1	9 10	20/1	RECEPTACLE–169	12	12
12	12	RECEPTACLE–149	20/1	11 12	20/1	RECEPTACLE–174	12	12
12	12	RECEPTACLE–182	20/1	13 14	20/1	RECEPTACLE–182	12	12
12	12	HYKES–188	20/1	15 16	20/1	REFRIGERATOR–187	12	12
12	12	REFERIGERATOR–185	20/1	17 18	20/1	RECEPTACLE–178	12	12
12	12	REFRIGERATOR–186	20/1	19 20	20/1	GRAPHICAL DOOR PANEL–182	12	12
12	12	RECEPTACLE–188	20/1	21 22	30/1	11–178	10	10
12	12	RECEPTACLE–178	20/1	23 24	20/1	RECEPTACLE–178	12	12
10	10	11–178	30/1	25 26	20/1	RECEPTACLE–177	12	12
12	12	LTG.–126,127,131,132,136,137	20/1	27 28	20/1	LTG.–104,111,112,115,116,119,121	12	12
12	12	LTG.–149,151,154,155,158,159	20/1	29 30	20/1	LTG.–165,166,169,171,174,175,176	12	12
12	12	LTG.–182,183,188	20/1	31 32	20/1	SPARE		
		SPARE	20/1	33 34	20/1	SPARE		
		SPARE	20/1	35 36	20/1	SPARE		
		SPARE	20/1	37 38	20/1	SPARE		
		SPACE		39 40		SPACE		
		SPACE		41 42		SPACE		

CONNECTED LOAD SUMMARY:
LIGHTING: 5.4 KVA
RECEPTACLES & MISC.: 18.6 KVA
MOTOR: 0.0 KVA
HEATING: 0.0 KVA
TOTAL: 23.9 KVA
PANEL AMP SUMMARY:
61.9 PHASE A
66.0 PHASE B
71.3 PHASE C

PANEL ID: 86–EP1
LOCATION: ELEC ROOM–193
MOUNTING: SURFACE
MAIN TYPE: MAIN CIRCUIT BREAKER
VOLTAGE: 208 / 120
PHASE: 3
WIRE: 4
MAIN SIZE: 225 AMPS
LEGEND:
NOTES: COORDINATE LUG SIZE WITH WIRE SIZE ON 1 LINE DIAGRAM.
PROVIDE PANEL WITH FEED THRU LUGS.

GND SIZE	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	CIRCUIT BREAKER SIZE/TYPE	CIRCUIT NUMBER	CIRCUIT BREAKER SIZE/TYPE	BRANCH CIRCUIT DESCRIPTION	WIRE SIZE	GND SIZE
12	12	ACCESS CONTROL – 196	20/1	1 2	20/1	HEAT TRACE PANEL – 205	12	12
10	10	HEAT TRACE – 181	30/2	3 4	30/2	HEAT TRACE –206	10	10
–	10	–	–	5 6	–	–	10	–
10	10	HEAT TRACE – 181	30/2	7 8	20/1	WATER HEATER – 205	12	12
–	10	–	–	9 10	20/1	SPARE		
12	12	WATER HEATER – 205	20/1	11 12	20/1	SPARE		
12	12	HVAC CONTROL–134	20/1	13 14	20/1	HVAC CONTROL–173	12	12
12	12	HVAC CONTROL–206	20/1	15 16	20/1	RECEPTACLE–201	12	12
12	12	INTERCOM CONTROL PNL–192	20/1	17 18	20/3	MCD. AIR COMPRESSOR–205	12	12
12	12	FUEL TANK–EXTERNAL	20/1	19 20	–	–	12	
12	12	HEATING PUMP P1 – 205	20/3	21 22	–	–	12	
	12	–	–	23 24	20/1	ACCESS CONTROL – 181	12	12
	12	–	–	25 26	20/1	ACCESS CONTROL –188,181	12	12
12	12	HEATING PUMP P2 – 205	20/3	27 28	20/1	ACCESS CONTROL – 173	12	12
	12	–	–	29 30	20/1	SPARE		
	12	–	–	31 32	20/1	SPARE		
12	12	EXTRACT FAN EF1 – ATTIC	20/1	33 34	20/1	SPARE		
12	12	EXTRACT FAN EF2 – ATTIC	20/1	35 36	20/1	SPARE		
12	12	MEDICAL VACUUM PUMPS–205	20/3	37 38		SPACE		
	12	–	–	39 40		SPACE		
	12	–	–	41 42		SPACE		

CONNECTED LOAD SUMMARY:
(ALL TOTALS INCLUDE BOTH TUBS)
LIGHTING: 0.0 KVA
RECEPTACLES & MISC.: 11.8 KVA
MOTOR: 18.5 KVA
HEATING: 0.0 KVA
TOTAL: 30.3 KVA
PANEL AMP SUMMARY:
91.7 PHASE A
104.2 PHASE B
56.7 PHASE C

PANEL ID: 86–EP1
LOCATION: ELEC ROOM–193
MOUNTING: SURFACE
MAIN TYPE: MAIN CIRCUIT BREAKER
VOLTAGE: 208 / 120
PHASE: 3
WIRE: 4
MAIN SIZE: 225 AMPS
LEGEND:
NOTES: COORDINATE LUG SIZE WITH WIRE SIZE ON 1 LINE DIAGRAM.

GND SIZE	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	CIRCUIT BREAKER SIZE/TYPE	CIRCUIT NUMBER	CIRCUIT BREAKER SIZE/TYPE	BRANCH CIRCUIT DESCRIPTION	WIRE SIZE	GND SIZE
10	10	PATIENT LIFT–149,154,158	20/1	43 44	20/1	PATIENT LIFT–111,115,119	10	10
10	10	PATIENT LIFT–126,131,136	20/1	45 46	20/1	PATIENT LIFT–165,169,175	12	12
12	12	EXHAUST FAN–ATTIC	20/1	47 48	20/1	COMBINED DAMPERS	12	12
12	12	COMBINED DAMPERS	20/1	49 50	20/1	COMBINED DAMPERS	12	12
12	12	COMBINED DAMPERS	20/1	51 52	20/1	EXHAUST FAN–ATTIC	12	12
		SPARE	20/1	53 54	20/1	SPARE		
		SPARE	20/1	55 56	20/1	SPARE		
		SPARE	20/1	57 58	20/1	SPARE		
		SPARE	20/1	59 60	20/1	SPARE		
		SPACE		61 62		SPACE		
		SPACE		63 64		SPACE		
		SPACE		65 66		SPACE		
		SPACE		67 68		SPACE		
		SPACE		69 70		SPACE		
		SPACE		71 72		SPACE		
		SPACE		73 74		SPACE		
		SPACE		75 76		SPACE		
		SPACE		77 78		SPACE		
		SPACE		79 80		SPACE		
		SPACE		81 82		SPACE		
		SPACE		83 84		SPACE		

FOR PANEL LOAD AND PANEL AMP SUMMARY INFORMATION, REFER TO LEFT TUB TOTALS

PANEL ID: 86–L1
LOCATION: ELEC ROOM–192
MOUNTING: SURFACE
MAIN TYPE: MAIN CIRCUIT BREAKER
VOLTAGE: 208 / 120
PHASE: 3
WIRE: 4
MAIN SIZE: 100 AMPS
LEGEND:
NOTES: COORDINATE LUG SIZE WITH WIRE SIZE ON 1 LINE DIAGRAM.
PROVIDE PANEL WITH FEED THRU LUGS.

GND SIZE	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	CIRCUIT BREAKER SIZE/TYPE	CIRCUIT NUMBER	CIRCUIT BREAKER SIZE/TYPE	BRANCH CIRCUIT DESCRIPTION	WIRE SIZE	GND SIZE
10	10	LIGHTING – EXTERNAL	20/2	1 2	20/2	LIGHTING EXTERNAL	10	10
				3 4			10	
12	12	LIGHTING – EXTERNAL	20/1	5 6	20/1	FAN – 143	12	12
12	12	LTG–126,127,131,132,136,137	20/1	7 8	20/1	LTG–109,111,113,115,116,119,121	12	12
12	12	LTG–113,117,124,128,133,134	20/1	9 10	20/1	LTG–138,139,141,142	12	12
12	12	LTG–149,151,154,155,158,159	20/1	11 12	20/1	LTG–165,166,169,171,174–176	12	12
12	12	LTG–156,161,167,152,172	20/1	13 14	20/1	LTG–142,145	12	12
12	12	LTG–141,145,146,147,177,179,189	20/1	15 16	20/1	LTG–110,181	12	12
12	12	LTG–106,110,187	20/1	17 18	20/1	LTG–103–108,184,185,186,191	12	12
12	12	LTG,194,195,201,202,203,204	20/1	19 20	20/1	LTG–197,198,199	12	12
12	12	LTG–102	20/1	21 22	20/1	LTG–102	12	12
12	12	LTG–205	20/1	23 24	20/1	LTG–CONNECTING CANOPY	12	12
12	12	LTG–101	20/1	25 26	20/1	LTG–122,123	12	12
12	12	LTG–162,163	20/1	27 28	20/1	FAN–123	12	12
12	12	FAN–162	20/1	29 30	20/1	SPARE		
12	12	LIGHTING RECEP. – EXT.	20/1	31 32	20/1	SPARE		
		SPARE	20/1	33 34	20/1	SPARE		
		SPARE	20/1	35 36	20/1	SPARE		
		SPARE	20/1	37 38	20/1	SPARE		
		SPACE		39 40		SPACE		
		SPACE		41 42		SPACE		

CONNECTED LOAD SUMMARY:
LIGHTING: 19.4 KVA
RECEPTACLES & MISC.: 0.2 KVA
MOTOR: 1.5 KVA
HEATING: 0.0 KVA
TOTAL: 21.1 KVA
PANEL AMP SUMMARY:
59.5 PHASE A
70.4 PHASE B
45.4 PHASE C

PANEL ID: 86–LS1 (1)
LOCATION: ELEC ROOM–193
MOUNTING: SURFACE
MAIN TYPE: (2)
VOLTAGE: 208 / 120
PHASE: 3
WIRE: 4
MAIN SIZE: 100 AMPS
LEGEND:
NOTES: COORDINATE LUG SIZE WITH WIRE SIZE ON 1 LINE DIAGRAM.
PROVIDE PANEL WITH FEED THRU LUGS.

GND SIZE	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	CIRCUIT BREAKER SIZE/TYPE	CIRCUIT NUMBER	CIRCUIT BREAKER SIZE/TYPE	BRANCH CIRCUIT DESCRIPTION	WIRE SIZE	GND SIZE
12	12	FIRE PANEL–192	20/1	1 2	20/1	NURSE CALL/CODE BLUE–192	12	12
12	12	PAGING SYSTEM–192	20/1	3 4	20/1	MEDICAL GAS PANEL–181	12	12
12	12	AUT. DOOR OPERATOR–197	20/1	5 6	20/1	ACCESS CONTROL – 197	12	12
12	12	LIGHTING–MAIN CANOPY, EXT.	20/1	7 8	20/1	ACCESS CONTROL – 102	12	12
12	12	LTG.–178,182,193	20/1	9 10	20/1	SPARE		
10	10	EXIT & EMG LTG.–BETWEEN AR	20/1	11 12	20/1	EXT & EMG LIGHT – EAST A	10	10
10	10	EXT & EMG LTG–WEST B	20/1	13 14	20/1	ACCESS CONTROL – 123	10	10
12	12	MEDICAL GAS PANEL – 181	20/1	15 16	20/1	ACCESS CONTROL – 143	12	12
		SPARE	20/1	17 18	20/1	MEDICAL GAS PANEL–187	12	12
		SPARE	20/1	19 20	20/1	SPARE		
		SPARE	20/1	21 22	20/1	SPARE		
12	12	AUT. DOOR OPERATOR–197	20/1	23 24	20/1	SPARE		
12	12	AUT. DOOR OPERATOR–102	20/1	25 26	20/1	ACCESS CONTROL – 162	10	10
10	10	AUT. DOOR OPERATOR–123	20/1	27 28	20/1	SPARE		
12	12	AUT. DOOR OPERATOR–143	20/1	29 30	20/1	SPARE		
10	10	AUT. DOOR OPERATOR–162	20/1	31 32		SPACE		
12	12	DRY PIPE COMPRESSOR – 205	20/3	33 34		SPACE		
	12	–	–	35 36		SPACE		
	12	–	–	37 38		SPACE		
		SPARE	20/1	39 40		SPACE		
		SPARE	20/1	41 42		SPACE		

CONNECTED LOAD SUMMARY:
LIGHTING: 4.3 KVA
RECEPTACLES & MISC.: 7.6 KVA
MOTOR: 6.3 KVA
HEATING: 0.0 KVA
TOTAL: 18.2 KVA
PANEL AMP SUMMARY:
53.3 PHASE A
39.2 PHASE B
59.2 PHASE C

PANEL ID: 86–P1
LOCATION: ELEC ROOM–192
MOUNTING: SURFACE
MAIN TYPE: MAIN CIRCUIT BREAKER
VOLTAGE: 208 / 120
PHASE: 3
WIRE: 4
MAIN SIZE: 225 AMPS
LEGEND:
NOTES: COORDINATE LUG SIZE WITH WIRE SIZE ON 1 LINE DIAGRAM.
PROVIDE PANEL WITH FEED THRU LUGS.

GND SIZE	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	CIRCUIT BREAKER SIZE/TYPE	CIRCUIT NUMBER	CIRCUIT BREAKER SIZE/TYPE	BRANCH CIRCUIT DESCRIPTION	WIRE SIZE	GND SIZE
10	10	RECEPTACLE–163	20/1	1 2	20/1	RECEPTACLE–163	10	10
12	12	RECEPTACLE–145,147	20/1	3 4	20/1	RECEPTACLE–145,146	12	12
12	12	BLANKET WARMER–146	20/1	5 6	20/1	RECEPTACLE–143,162,EXT.	10	10
12	12	RECEPTACLE–187,189,179	20/1	7 8	20/1	RECEPTACLE–187,190	12	12
12	12	RECEPTACLE–106,110,181	20/1	9 10	20/1	RECEPTACLE–192,193	12	12
12	12	RECEPTACLE–195,194	20/1	11 12	20/1	RECEPTACLE–194	12	12
12	12	RECEPTACLE–198,200,202	20/1	13 14	20/1	RECEPTACLE–101,123,EXT.	10	10
10	10	RECEPTACLE–207, EXTERNAL	20/1	15 16	20/1	RECEPTACLE–102,194	12	12
12	12	RECEPTACLE–102	20/1	17 18	20/1	RECEPTACLE–185,186	12	12
12	12	RECEPTACLE–185	20/1	19 20	20/1	RECEPTACLE–183,184–186	12	12
12	12	RECEPTACLE–188,190,191	20/1	21 22	20/1	DISPOSAL–187	12	12
12	12	RECEPTACLE–182	20/1	23 24	20/1	ICE MAKER–187	12	12
12	12	REC–126,127,131,132,136,137	20/1	25 26	20/1	REC–109,112,115,116,119,121	12	12
10	10	RECEPTACLE–122	20/1	27 28	20/1	RECEPTACLE–122	10	10
12	12	REFRIGERATOR–138	20/1	29 30	20/1	MICROWAVE–138	12	12
12	12	DISH WASHER–138	20/1	31 32	20/1	VENDING MACHINE–138	12	12
12	12	VENDING MACHINE–138	20/1	33 34	20/1	VENDING MACHINE–138	12	12
12	12	RECEPTACLE–142	20/1	35 36	20/1	RECEPTACLE–138,141,142	12	12
12	12	MICROWAVE – 187	20/1	37 38	20/1	RECEPTACLE–107,139	12	12
12	12	RECEPTACLE–107,108	20/1	39 40	20/1	RECEPTACLE–107,108	12	12
12	12	MICROWAVE–107	20/1	41 42	20/1	REFRIGERATOR–107	12	12

CONNECTED LOAD SUMMARY:
(ALL TOTALS INCLUDE BOTH TUBS)
LIGHTING: 0.3 KVA
RECEPTACLES & MISC.: 53.6 KVA
MOTOR: 6.0 KVA
HEATING: 5.1 KVA
TOTAL: 65.0 KVA
PANEL AMP SUMMARY:
199.7 PHASE A
195.5 PHASE B
146.6 PHASE C

PANEL ID: 86–P1
LOCATION: ELEC ROOM–192
MOUNTING: SURFACE
MAIN TYPE: MAIN CIRCUIT BREAKER
VOLTAGE: 208 / 120
PHASE: 3
WIRE: 4
MAIN SIZE: 225 AMPS
LEGEND:
NOTES: COORDINATE LUG SIZE WITH WIRE SIZE ON 1 LINE DIAGRAM.
PROVIDE PANEL WITH FEED THRU LUGS.

GND SIZE	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	CIRCUIT BREAKER SIZE/TYPE	CIRCUIT NUMBER	CIRCUIT BREAKER SIZE/TYPE	BRANCH CIRCUIT DESCRIPTION	WIRE SIZE	GND SIZE
12	12	DISPOSAL–107	20/1	43 44	20/1	RECEPTACLE–103,104,105	12	12
12	12	RECEPTACLE–103,104,105	20/1	45 46	20/1	RECEPTACLE–104	12	12
12	12	RECEPTACLE–102	20/1	47 48	20/1	RECEPTACLE–203,204	12	12
12	12	RECEPTACLE–203,204	20/1	49 50	20/1	RECEPTACLE–197,198,208	12	12
12	12	WASHING MACHINE–179	20/2	51 52	20/2	DRYER–179	12	–
–	12	–	–	53 54	–	–	12	–
12	12	ELECTRIC HEATER – 102	20/1	55 56	20/1	ELECTRIC HEATER – 102	12	12
12	12	UNIT HEATER – 205	20/1	57 58	20/1	COFFEE MAKER – 138	12	12
10	10	GEN. HEATER – EXTERNAL	20/2	59 60	20/1	DISPOSAL – 138	12	12
	10	–	–	61 62	20/1	COFFEE MAKER – 107	12	12
10	10	GEN. HEATER – EXTERNAL	20/2	63 64	20/1	COFFEE MAKER – 187	12	12
	10	–	–	65 66	20/1	TRAP PRIMER – 205	12	12
10	10	GEN. BATTERY CHARGER	20/1	67 68	20/1	LIGHTS,RECEPTACLE – ATTIC	12	12
12	12	TOWEL WARMER – 147	20/1	69 70	20/1	MOTORIZED – SCREEN – 104	12	12
12	12	TV HEAD END – 192	20/1	71 72	20/1	SPARE		
		SPARE	20/1	73 74	20/1	SPARE		
		SPARE	20/1	75 76	20/1	SPARE		
		SPARE	20/1	77 78	20/1	SPARE		
		SPARE	20/1	79 80		SPACE		
		SPACE		81 82		SPACE		
		SPACE		83 84		SPACE		

FOR PANEL LOAD AND PANEL AMP SUMMARY INFORMATION, REFER TO LEFT TUB TOTALS

PANEL ID: 86–P2
LOCATION: ELEC ROOM–192
MOUNTING: SURFACE
MAIN TYPE: MAIN CIRCUIT BREAKER
VOLTAGE: 208 / 120
PHASE: 3
WIRE: 4
MAIN SIZE: 100 AMPS
LEGEND:
NOTES: COORDINATE LUG SIZE WITH WIRE SIZE ON 1 LINE DIAGRAM.
PROVIDE PANEL WITH FEED THRU LUGS.

GND SIZE	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	CIRCUIT BREAKER SIZE/TYPE	CIRCUIT NUMBER	CIRCUIT BREAKER SIZE/TYPE	BRANCH CIRCUIT DESCRIPTION	WIRE SIZE	GND SIZE
10	10	RECEPTACLE–126	20/1	1 2	20/1	RECEPTACLE–126	10	10
10	10	RECEPTACLE–131	20/1	3 4	20/1	RECEPTACLE–131	10	10
10	10	RECEPTACLE–136	20/1	5 6	20/1	RECEPTACLE–136	10	10
10	10	RECEPTACLE–119	20/1	7 8	20/1	RECEPTACLE–119	10	10
10	10	RECEPTACLE–115	20/1	9 10	20/1	RECEPTACLE–115	10	10
12	12	RECEPTACLE–117	20/1	11 12	20/1	RECEPTACLE–111	12	12
10	10	RECEPTACLE–158	20/1	13 14	20/1	RECEPTACLE–158	10	10
12	12	RECEPTACLE–154	20/1	15 16	20/1	RECEPTACLE–154	12	12
12	12	RECEPTACLE–149	20/1	17 18	20/1	RECEPTACLE–149	12	12
12	12	RECEPTACLE–165	20/1	19 20	20/1	RECEPTACLE–165	12	12
12	12	RECEPTACLE–169	20/1	21 22	20/1	RECEPTACLE–169	12	12
12	12	RECEPTACLE–174	20/1	23 24	20/1	RECEPTACLE–175	12	12
12	12	RECEPTACLE–111,34	20/1	25 26	20/1	RECEPTACLE–112,172	12	12
12	12	REC.–126,127,131,132,136,137	20/1	27 28	20/1	REC.–109,112,115,116,119,121	10	10
12	12	REC.–149,151,154,155,159	20/1	29 30	20/1	REC.–165,166,169,171,174,176	12	12
		SPARE	20/1	31 32	20/1	SPARE		
		SPARE	20/1	33 34	20/1	SPARE		
		SPARE	20/1	35 36	20/1	SPARE		
		SPARE	20/1	37 38	20/1	SPARE		
		SPACE		39 40		SPACE		
		SPACE		41 42		SPACE		

CONNECTED LOAD SUMMARY:
LIGHTING: 0.0 KVA
RECEPTACLES & MISC.: 22.5 KVA
MOTOR: 0.0 KVA
HEATING: 0.0 KVA
TOTAL: 22.5 KVA
PANEL AMP SUMMARY:
57.0 PHASE A
66.0 PHASE B
64.5 PHASE C

Matrix Architects
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Matrix Project No. 09104

Consultant

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Korda Project No. 2009–0204

GEORGE A. BOESSER — No. 13336 — PROFESSIONAL ENGINEER

KORDA/NEMETH ENGINEERING, INC.
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COLUMBUS, OHIO 43216
PREPARED BY
F. FALKOWITZ
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JOB FILE 5200-0204

NORTH

REVISION NO.	REVISION DESCRIPTION	Revisions	By	Date

Department of Veterans Affairs
Medical Center
1826 Veterans Blvd.
Dublin, Ga. 31021

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Recommended Approvals:

1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title: PANEL SCHEDULES

Project Title: VA HOSPICE CARE UNIT

Date: 09/09/2010

Project Number: 557–CSI–375

Submittal: CONSTRUCTION BID DOCUMENTS

Job Number: 2009–05–01

Drawn: KORDA/NEMETH ENGINEERING, INC.

Building Number: 86

AutoCAD File Name

Checked: KORDA/NEMETH ENGINEERING, INC.

Reviewed: KORDA/NEMETH ENGINEERING, INC.

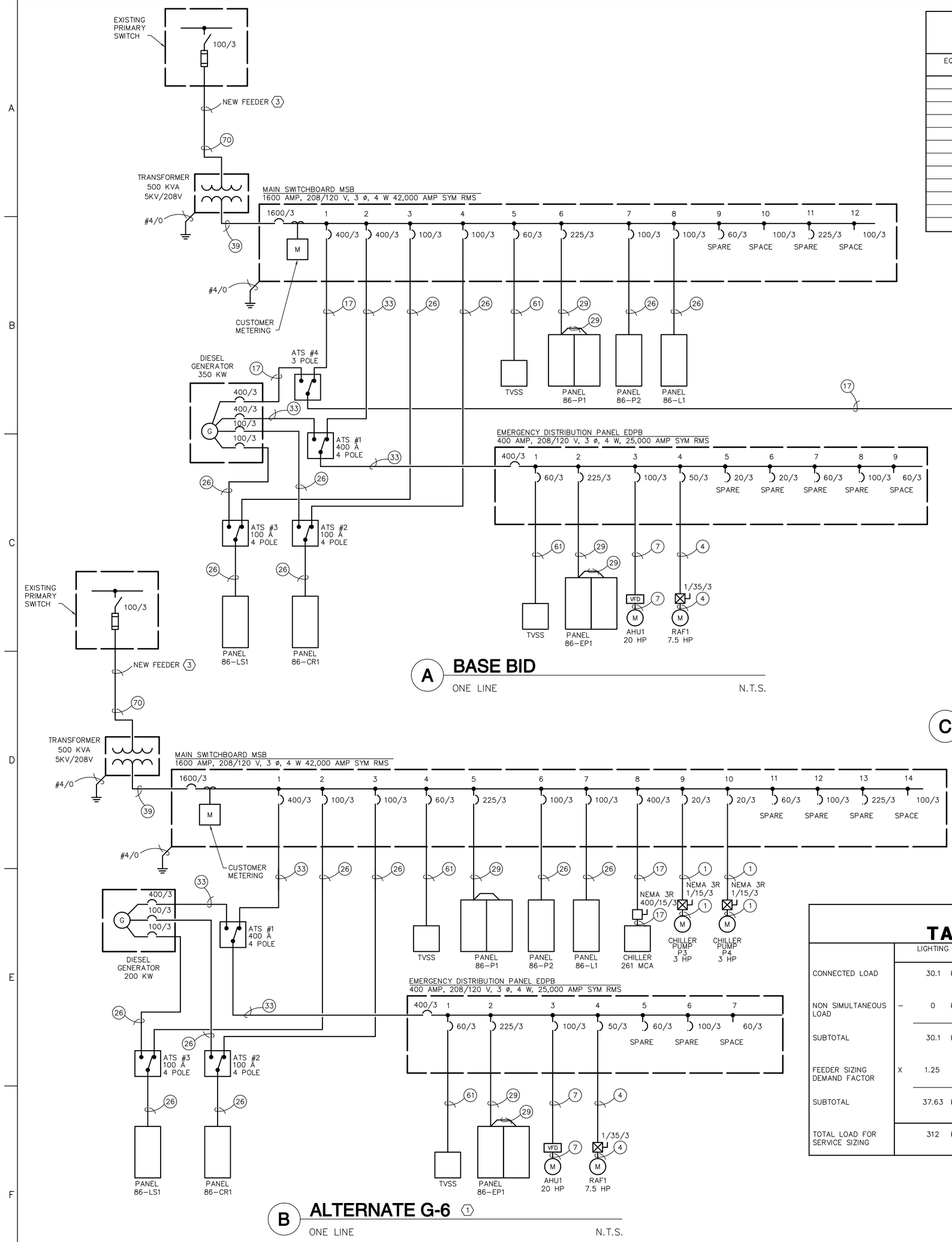
Const. Contract

DRAWING No. E502

Dwg. ? Of

Veterans Affairs

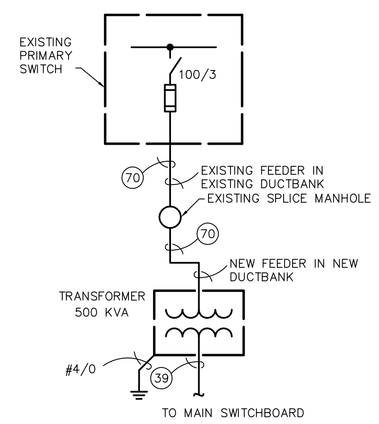
VA FORM 08–6231, JUN 1992



A BASE BID

ONE LINE

N.T.S.



C ALTERNATE G-13 (2)

ONE LINE

N.T.S.

B ALTERNATE G-6 (1)

ONE LINE

N.T.S.

ELECTRICAL EQUIPMENT SHORT CIRCUIT RATINGS SCHEDULE

EQUIPMENT NAME	VOLTAGE	CALCULATED AVAILABLE SHORT CIRCUIT CURRENT	COMMENTS
MSB	208/120	25946 A	–
EDPB	208/120	19532 A	–
86–P1	208/120	21089 A	–
86–P2	208/120	16470 A	–
86–L1	208/120	18046 A	–
86–LS1	208/120	13011 A	–
86–CR1	208/120	13011 A	–
86–EP1	208/120	16030 A	–
ATS 1	208/120	21800 A	–
ATS 2	208/120	16470 A	–
ATS 3	208/120	16437 A	–
ATS 4	208/120	14750 A	–

ELECTRICAL LOAD TABULATION SCHEDULE

	LIGHTING	RECEPTACLES AND MISC.	MOTORS	ELECTRIC HEATING	FUTURE EXPECTED LOADS
CONNECTED LOAD	30.1 KVA	112.8 KVA	140 KVA	5.1 KVA	50 KVA
NON SIMULTANEOUS LOAD	– 0 KVA	– 0 KVA	– 0 KVA	– 0 KVA	– 0 KVA
SUBTOTAL	30.1 KVA	112.8 KVA	140 KVA	5.1 KVA	50 KVA
FEEDER SIZING DEMAND FACTOR	X 1.25	X 1.0 1ST 10KVA X 0.5 REMAINDER	X 1.25 LARGEST + REMAINDER	X 1.00	X 1.00
SUBTOTAL	37.63 KVA	61.40 KVA	158 KVA	5.1 KVA	50 KVA
TOTAL LOAD FOR SERVICE SIZING	312 KVA @	208 VOLTS =	886 AMPS		

ONE LINE DIAGRAM-FEEDER SCHEDULE

OVERCURRENT PROTECTION AMPACITY	NOTE NUMBER	NUMBER OF SETS	PHASE WIRES QUANTITY – SIZE	NEUTRAL WIRE QUANTITY – SIZE	GROUND SIZE	ISOLATED GROUND SIZE	CONDUIT SIZE PER SET	COMMENTS/REMARKS
20	1	1	3–12 AWG	–	12 AWG	–	3/4"	3 PHASE EQUIPMENT AND MOTOR FEEDERS
30	2	1	3–10 AWG	–	10 AWG	–	3/4"	
40	3	1	3–8 AWG	–	10 AWG	–	3/4"	
50	4	1	3–6 AWG	–	10 AWG	–	3/4"	
70	5	1	3–4 AWG	–	8 AWG	–	1"	
90	6	1	3–2 AWG	–	8 AWG	–	1 1/4"	
110	7	1	3–1 AWG	–	6 AWG	–	1 1/4"	
150	8	1	3–1/0 AWG	–	6 AWG	–	1 1/2"	
175	9	1	3–2/0 AWG	–	6 AWG	–	1 1/2"	
200	10	1	3–3/0 AWG	–	6 AWG	–	2"	
225	11	1	3–4/0 AWG	–	4 AWG	–	2"	
250	12	1	3–250 KCMIL	–	4 AWG	–	2"	
300	14	1	3–350 KCMIL	–	4 AWG	–	2 1/2"	
350	16	1	3–500 KCMIL	–	3 AWG	–	3"	
400	17	1	3–600 KCMIL	–	3 AWG	–	3"	
500	18	2	3–250 KCMIL	–	2 AWG	–	2"	
600	19	2	3–350 KCMIL	–	1 AWG	–	2 1/2"	
700	20	2	3–500 KCMIL	–	1/0 AWG	–	3"	
800	21	2	3–600 KCMIL	–	1/0 AWG	–	3"	
1000	22	3	3–400 KCMIL	–	2/0 AWG	–	3"	
1200	23	3	3–600 KCMIL	–	3/0 AWG	–	3"	
1600	24	4	3–600 KCMIL	–	4/0 AWG	–	3–1/2"	
OPEN	25	–	–	–	–	–	–	
100	26	1	3–1 AWG	1–1 AWG	8 AWG	–	1 1/2"	POWER PANELS, DISTRIBUTION PANELBOARDS, AND SWITCHBOARDS
150	27	1	3–1/0 AWG	1–1/0 AWG	6 AWG	–	2"	
200	28	1	3–3/0 AWG	1–3/0 AWG	6 AWG	–	2"	
225	29	1	3–4/0 AWG	1–4/0 AWG	4 AWG	–	2 1/2"	
250	30	1	3–250 KCMIL	1–250 KCMIL	4 AWG	–	2 1/2"	
300	31	1	3–350 KCMIL	1–350 KCMIL	4 AWG	–	3"	
350	32	1	3–500 KCMIL	1–500 KCMIL	3 AWG	–	3 1/2"	
400	33	1	3–600 KCMIL	1–600 KCMIL	3 AWG	–	3 1/2"	
500	34	2	3–250 KCMIL	1–250 KCMIL	2 AWG	–	2 1/2"	
600	35	2	3–350 KCMIL	1–350 KCMIL	1 AWG	–	3"	
800	36	2	3–600 KCMIL	1–600 KCMIL	1/0 AWG	–	4"	
1000	37	3	3–400 KCMIL	1–400 KCMIL	2/0 AWG	–	3"	
1200	38	3	3–600 KCMIL	1–600 KCMIL	3/0 AWG	–	4"	
1600	39	4	3–600 KCMIL	1–600 KCMIL	4/0 AWG	–	4"	
2000	40	5	3–600 KCMIL	1–600 KCMIL	250 KCMIL	–	4"	
2500	41	6	3–600 KCMIL	1–600 KCMIL	350 KCMIL	–	4"	
3000	42	8	3–500 KCMIL	1–500 KCMIL	400 KCMIL	–	4"	
4000	43	10	3–600 KCMIL	1–600 KCMIL	500 KCMIL	–	4"	
100	44	1	3–1/0 AWG	1–1/0 AWG	8 AWG	–	1 1/2"	LIGHTING PANELS
200	45	1	3–250 KCMIL	1–250 KCMIL	6 AWG	–	2 1/2"	
225	46	1	3–300 KCMIL	1–300 KCMIL	4 AWG	–	3"	
400	47	2	3–250 KCMIL	1–250 KCMIL	3 AWG	–	3"	
600	48	2	3–500 KCMIL	1–500 KCMIL	1 AWG	–	3 1/2"	
800	49	3	3–500 KCMIL	1–500 KCMIL	1/0 AWG	–	3 1/2"	
100	50	1	3–1/0 AWG	2–1/0 AWG	8 AWG	–	2"	POWER PANELS, DISTRIBUTION PANELBOARDS WITH 200% NEUTRAL
200	51	1	3–250 KCMIL	2–250 KCMIL	6 AWG	–	3"	
225	52	1	3–300 KCMIL	2–300 KCMIL	4 AWG	–	3"	
400	53	2	3–250 KCMIL	2–250 KCMIL	3 AWG	–	3"	
600	54	2	3–500 KCMIL	2–500 KCMIL	1 AWG	–	3 1/2"	
800	55	3	3–500 KCMIL	2–500 KCMIL	1/0 AWG	–	4"	
1000	56	3	3–600 KCMIL	2–600 KCMIL	2/0 AWG	–	4"	
1200	57	4	3–500 KCMIL	2–500 KCMIL	3/0 AWG	–	4"	
TVSS	61	1	3–2 AWG	1–2 AWG	2 AWG	–	1–1/2"	MINIMIZE LENGTH
	60	5	3–600 KCMIL	1–600 KCMIL	–	–	4"	
15 KV	70	1	3–4/0	–	2 AWG	–	4"	

GENERAL NOTES

GENERAL NOTES

1. PROVIDE CONDUIT AND CABLING TO TERMINATION POINT IN ALL EQUIPMENT
2. REFER TO EQUIPMENT SUBMITTAL DRAWINGS FOR EXACT WIRING REQUIREMENTS BEFORE INSTALLING CABLE.
3. PROVIDE APPROPRIATELY SIZED LUGS ON CIRCUIT BREAKERS AND SWTCHES FOR CABLE SIZES SHOWN.

CODED NOTES

1. IF ALTERNATE G–6 IS ACCEPTED, SUPPLY CHILLERS AND ASSOCIATED PUMPS DIRECTLY FROM THE MAIN SWITCHBOARD.
2. IF ALTERNATE G–13 IS ACCEPTED, PROVIDE NEW PRIMARY CONDUCTORS FROM THE SPLICE MANHOLE TO THE BUILDING TRANSFORMER. SPLICE THE NEW AND EXISTING PRIMARY CONDUCTORS IN THE SPLICE MANHOLE.
3. UNDER BASE BID, DISCONNECT AND REMOVE THE EXISTING PRIMARY CONDUCTORS BETWEEN THE EXISTING PRIMARY SWITCH AND THE SPLICE MANHOLE. PROVIDE NEW PRIMARY CONDUCTORS FROM THE BUILDING TRANSFORMER TO THE EXISTING PRIMARY SWITCH, AND TERMINATE THE CONDUCTORS ON THE PRIMARY SWITCH.

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Korda Project No. 2009–0204

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DESIGNED BY A. ALKHAYRI
DRAWN BY C. WEFLER
CHECKED BY E. KUNDLA
JOB FILE 2009-0204

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 19326 BRENN A. BOESGER

NORTH

REVISION NO.	REVISION DESCRIPTION	By	Date

Revisions

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Recommended Approvals:

1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title: ELECTRICAL ONE LINE DIAGRAM

Project Title: VA HOSPICE CARE UNIT

Date: 09/09/2010

Project Number: 557–CSI–375

Submittal: CONSTRUCTION BID DOCUMENTS

Drawn: KORDA/NEMETH ENGINEERING, INC.

Building Number: 86

AutoCAD File Name

DRAWING No. E601

Job Number: 2009–05–01

Checked: KORDA/NEMETH ENGINEERING, INC.

Reviewed: KORDA/NEMETH ENGINEERING, INC.

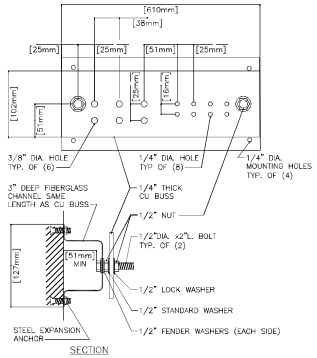
Const. Contract

Dwg. ? Of

Veterans Affairs

VA FORM 08–6231, JUN 1992

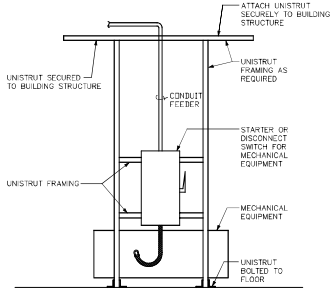
GENERAL NOTES



GENERAL NOTES
1. ALL HARDWARE SHOWN SHALL BE STAINLESS STEEL.
2. PROVIDE 1 MOUNTING POINT PER 12" OF BAR LENGTH.
3. HOLES MAY BE ADDED IF REQUIRED.

A GROUNDING BAR DETAIL

N.T.S.

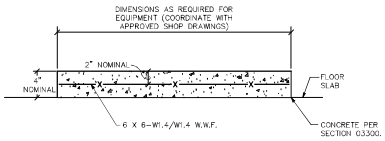


1. COORDINATE EXACT LOCATION WITH DIVISION 23 CONTRACTOR.

B DETAIL

TYPICAL STARTER/DISCONNECT SWITCH AT MECHANICAL EQUIPMENT

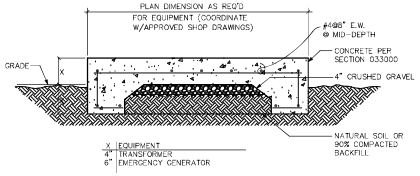
N.T.S.



C DETAIL

INTERIOR ELECTRICAL EQUIPMENT CONCRETE BASE

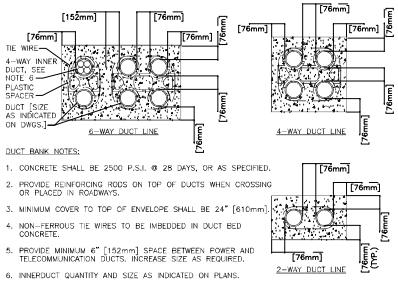
N.T.S.



D DETAIL

EXTERIOR ELECTRICAL EQUIPMENT CONCRETE BASE

N.T.S.

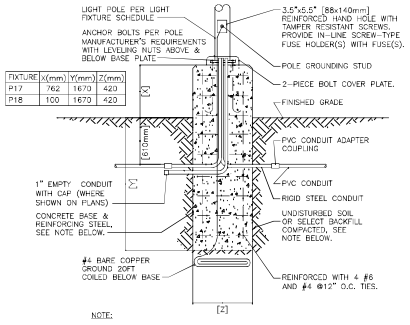


DUCT BANK NOTES:

1. CONCRETE SHALL BE 2500 P.S.I. @ 28 DAYS, OR AS SPECIFIED.
2. PROVIDE REINFORCING RODS ON TOP OF DUCTS WHEN CROSSING OR PLACED IN ROADWAYS.
3. MINIMUM COVER TO TOP OF ENVELOPE SHALL BE 24" [610mm].
4. NON-FERROUS TIE WIRES TO BE IMBEDDED IN DUCT BED CONCRETE.
5. PROVIDE MINIMUM 6" [152mm] SPACE BETWEEN POWER AND TELECOMMUNICATION DUCTS. INCREASE SIZE AS REQUIRED.
6. INNERDUCT QUANTITY AND SIZE AS INDICATED ON PLANS.

E DUCT BANK DETAILS

N.T.S.



FIXTURE	X(mm)	Y(mm)	Z(mm)
P17	762	1670	420
P18	100	1670	420

NOTE:

BACKFILL, CONCRETE, REINFORCING STEEL, AND ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY.

F POLE BASE DETAIL

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D. WHELAN
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JOB FILE 5285-0204

NORTH

REVISION NO.	REVISION DESCRIPTION	Revisions	By	Date

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Recommended Approvals:

1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title: ELECTRICAL DETAILS

Project Title: VA HOSPICE CARE UNIT

Date: 09/09/2010

Project Number: 567-CSI-375

Submittal: CONSTRUCTION BID DOCUMENTS

Job Number: 2009-05-01

Drawn: KORDA/NEMETH ENGINEERING, INC.

Building Number: 86

AutoCAD File Name

Checked: KORDA/NEMETH ENGINEERING, INC.

Reviewed: KORDA/NEMETH ENGINEERING, INC.

Const. Contract

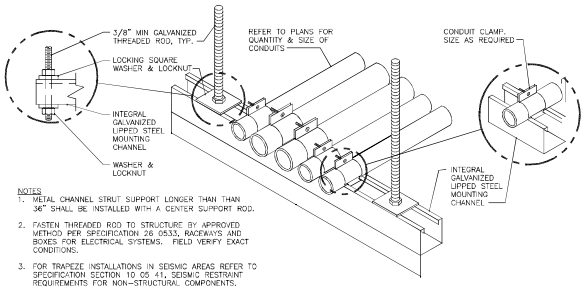
DRAWING No. E701

Dwg. ? Of

Veterans Affairs

VA FORM 08-6231, JUN 1992

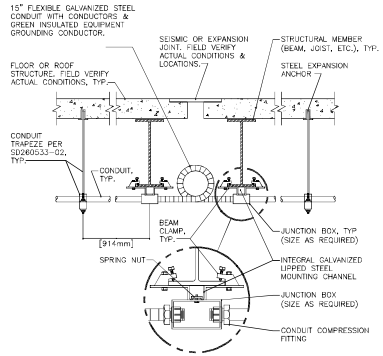
GENERAL NOTES



NOTES
1. METAL CHANNEL STRUT SUPPORT LONGER THAN THAN 36" SHALL BE INSTALLED WITH A CENTER SUPPORT ROD.
2. FASTEN THREADED ROD TO STRUCTURE BY APPROVED METHOD PER SPECIFICATION 26 05 33, RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS. FIELD VERIFY EXACT CONDITIONS.
3. FOR TRAPEZE INSTALLATIONS IN SEISMIC AREAS REFER TO SPECIFICATION SECTION 10 05 41, SEISMIC RESTRAINT REQUIREMENTS FOR NON-STRUCTURAL COMPONENTS.

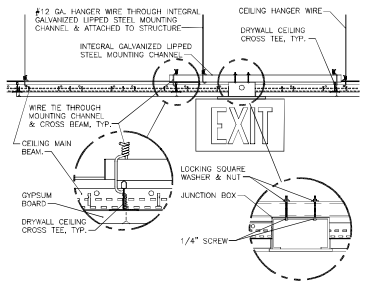
A CONDUIT TRAPEZE MOUNTING DETAIL

N.T.S.



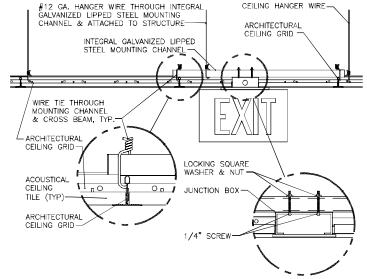
B CONDUIT JOINT CROSSING DETAIL

N.T.S.



C EXIT SIGN MOUNTING - GYPBOARD CEILING

N.T.S.



D EXIT SIGN MOUNTING - LAY-IN CEILING

N.T.S.

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Matrix Project No. 09104

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NORTH

REVISION NO.	REVISION DESCRIPTION	By	Date

Revisions

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3. CHIEF OF STAFF	8. SAFETY MANAGER
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Drawing Title: ELECTRICAL DETAILS

Project Title: VA HOSPICE CARE UNIT

Date: 09/09/2010

Project Number: 557-CSI-375

Submittal: CONSTRUCTION BID DOCUMENTS

Job Number: 2009-05-01

Drawn: KORDA/NEMETH ENGINEERING, INC.

Building Number: 86

AutoCAD File Name

Checked: KORDA/NEMETH ENGINEERING, INC.

Reviewed: KORDA/NEMETH ENGINEERING, INC.

Const. Contract

DRAWING No. E702

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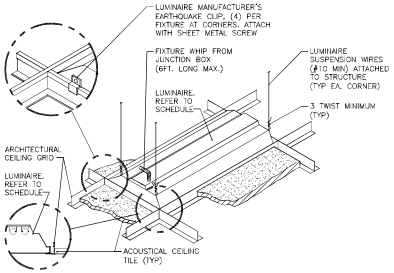
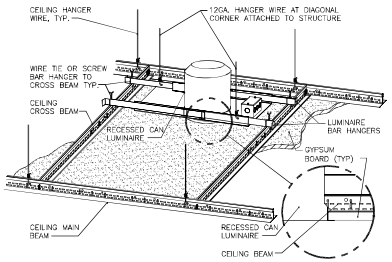
VA FORM 08-6231, JUN 1992

GENERAL NOTES



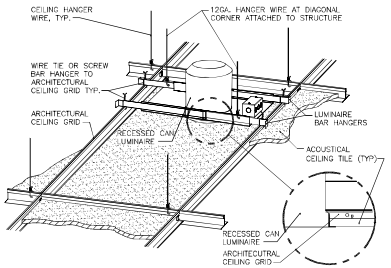
A LUMINAIRE MOUNTING - LAY-IN CEILING

N.T.S.



B DOWNLIGHT MOUNTING - GYPBOARD CEILING

N.T.S.



C DOWNLIGHT MOUNTING - LAY-IN CEILING

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Matrix Project No. 09104

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Revisions

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Drawing Title: ELECTRICAL DETAILS

Project Title: VA HOSPICE CARE UNIT

Date: 09/09/2010

Project Number: 557-CSI-375

Submittal: CONSTRUCTION BID DOCUMENTS

Drawn: KORDA/NEMETH ENGINEERING, INC.

Building Number: 86

AutoCAD File Name

Job Number: 2009-05-01

Checked: KORDA/NEMETH ENGINEERING, INC.

Reviewed: KORDA/NEMETH ENGINEERING, INC.

Const. Contract

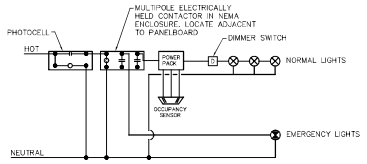
DRAWING No. E703

Dwg. ? Of

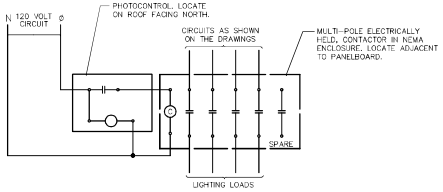
Veterans Affairs

VA FORM 08-6231, JUN 1992

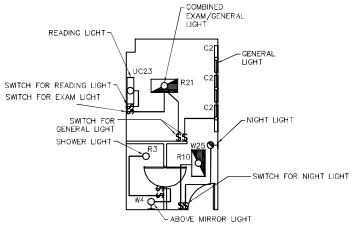
GENERAL NOTES



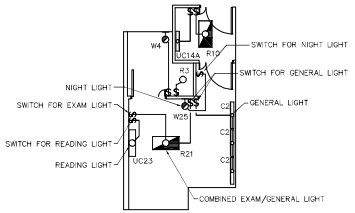
A BLOCK DIAGRAM
LIGHTING CONTROL – PORCHES N.T.S.



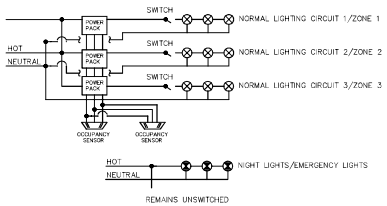
B WIRING DIAGRAM
EXTERIOR LIGHTING CONTROL N.T.S.



C BLOCK DIAGRAM
PATIENT ROOM SWITCHING (TYPICAL) 1/8" = 1'-0"



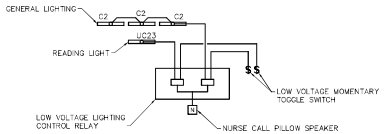
D BLOCK DIAGRAM
ISOLATION ROOM SWITCHING 1/8" = 1'-0"



E BLOCK DIAGRAM
LIGHTING CONTROL–CORRIDORS/LOUNGES N.T.S.

GENERAL NOTES:

1– NUMBER OF ZONES AND OCCUPANCY SENSORS IN CORRIDORS AND LOUNGES VARY. REFER TO LIGHTING PLAN SHEET E201 FOR DETAILS.



F BLOCK DIAGRAM
PILLOW SPEAKER LIGHTING CONTROL (TYPICAL FOR ALL PATIENT/ISOLATION ROOMS) N.T.S.

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Korda Project No. 2009-0204

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REVISION NO.	REVISION DESCRIPTION	By	Date

Revisions

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3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title: ELECTRICAL DETAILS

Project Title: VA HOSPICE CARE UNIT

Date: 09/09/2010

Project Number: 557-CSI-375

Submittal: CONSTRUCTION BID DOCUMENTS

Job Number: 2009-05-01

Drawn: KORDA/NEMETH ENGINEERING, INC.

Building Number: 86

AutoCAD File Name

Checked: KORDA/NEMETH ENGINEERING, INC.

Reviewed: KORDA/NEMETH ENGINEERING, INC.

Const. Contract

DRAWING No. E704

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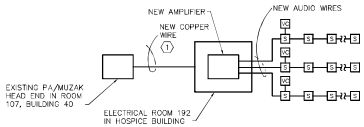
VA FORM 08-6231, JUN 1992

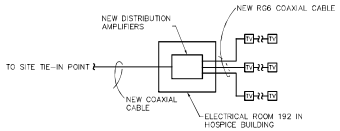
SYMBOLS LIST FOR PLANS

1. SOME SYMBOLS MAY NOT BE USED.
2. MOUNTING HEIGHTS ARE TO TOP U.N.O.

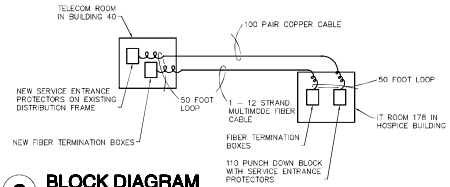
SYMBOL	DESCRIPTION	MOUNTING HEIGHT UNLESS NOTED OTHERWISE
	FIRE ALARM MANUAL PULL STATION	48"
	FIRE ALARM AUDIBLE DEVICE	REFER TO ARCHITECTURAL ELEVATIONS
	FIRE ALARM VISUAL DEVICE	REFER TO ARCHITECTURAL ELEVATIONS
	COMBINATION FIRE ALARM AUDIBLE AND VISUAL DEVICE	REFER TO ARCHITECTURAL ELEVATIONS
S : H	CEILING MOUNTED FIRE ALARM SMOKE DETECTOR; HEAT DETECTOR	----
S	DUCT MOUNTED FIRE ALARM SMOKE DETECTOR	----
S R	CEILING MOUNTED FIRE ALARM SMOKE DETECTOR; WITH SOUNDER BASE	
	4 PORT (3 CAT 6) DATA AND VOICE OUTLET F/ FLOOR MOUNTED OUTLET	20"
AP C	CEILING MOUNTED ACCESS POINT (BY OTHERS)	----
DH	FIRE ALARM MAGNETIC DOOR HOLDER	72"
R	FIRE ALARM RELAY	----
T	FIRE ALARM TAMPER SWITCH	----
FS	FIRE ALARM FLOW SWITCH	----
N P	NURSE CALL – PATIENT STATION WITH PILLOW SPEAKER	50"
N D	NURSE CALL – DUTY STATION	60"
N S	NURSE CALL – STAFF STATION	60"
N M	NURSE CALL – MASTER STATION	----
N E	NURSE CALL – EMERGENCY STATION WITH PULL CORD	50"
N ES	NURSE CALL – SHOWER EMERGENCY STATION WITH PULL CORD	60"
N K	NURSE CALL – PRESENT STATION	60"
CB	NURSE CALL – CODE BLUE STATION	50"
I	NURSE CALL – 37-PIN SIDECOM DEVICE FOR PATIENT BED INTERFACE	14"
A	NURSE CALL – AUXILIARY INPUT DEVICE	50"
	NURSE CALL CORRIDOR DOME LIGHT FOR PATIENT ROOM, CEILING; WALL MOUNTED, "2" – ZONE LIGHT	REFER TO ARCHITECTURAL ELEVATIONS
S	CEILING MOUNTED PAGING/MUZAK SPEAKER	----
T H	WALL MOUNTED PAGING/MUZAK HORN	84"
VC	VOLUME CONTROL	60"
TV	TELEVISION OUTLET	20"
P	DOOR POSITION SWITCH	----
EP	EMERGENCY PANIC BUTTON	----
CR	SECURITY SYSTEM CARD READER	60"
RE	SECURITY SYSTEM REQUEST TO EXIT DEVICE	----
PS	SECURITY SYSTEM POWER SUPPLY	----
HB	JUNCTION BOX FOR HANDICAP DOOR OPENER PUSHBUTTON	48"
I D	AUDIO/VIDEO DOOR INTERCOM STATION	60"
I M	AUDIO/VIDEO MASTER INTERCOM STATION	----
	COMBINATION EMERGENCY PANIC AUDIBLE AND VISUAL DEVICE (2 LAMPS)	84"
DV	DVD OUTLET (JUNCTION BOX ONLY WITH COVER PLATE)	20"



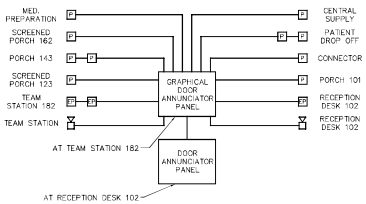
A BLOCK DIAGRAM
PA/MUZAK SYSTEM N.T.S.



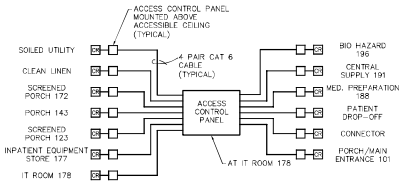
B BLOCK DIAGRAM
CABLE TV SYSTEM N.T.S.



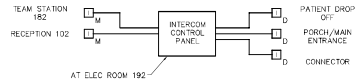
C BLOCK DIAGRAM
VOICE/DATA SYSTEMS N.T.S.



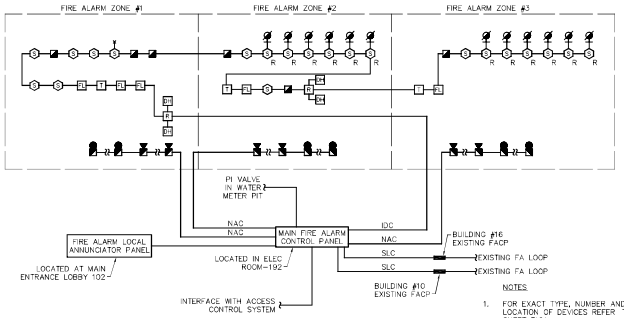
D BLOCK DIAGRAM
DOOR STATUS INDICATOR AND EMER. PANIC BUTTON SYSTEM N.T.S.



E BLOCK DIAGRAM
ACCESS CONTROL SYSTEM N.T.S.



F BLOCK DIAGRAM
AUDIO/VIDEO INTERCOM SYSTEM N.T.S.



G BLOCK DIAGRAM
FIRE ALARM SYSTEM N.T.S.

NOTES

1. FOR EXACT TYPE, NUMBER AND LOCATION OF DEVICES REFER TO SHEET T101.
2. REFER TO SHEET E001 FOR LOCATION OF OTHER BUILDINGS FIRE ALARM CONTROL PANELS.
3. NAC IS NOTIFICATION APPLIANCE CIRCUIT; IDC IS INITIATING DEVICE CIRCUIT; SLC IS SIGNALING LINE CIRCUIT.

GENERAL NOTES

CODED NOTES

1. UTILIZE 1 PAIR OF THE 100 PAIR COPPER CABLE USED FOR VOICE SYSTEM (SHOWN IN DETAIL C) FOR PA/MUZAK INTERFACE.

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Revisions

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2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title: TECHNOLOGY SYMBOLS AND LEGEND

Project Title: VA HOSPICE CARE UNIT

Date: 09/09/2010

Project Number: 557-CSI-375

Submittal: CONSTRUCTION BID DOCUMENTS

Job Number: 2009-05-01

Drawn: KORDA/NEMETH ENGINEERING, INC.

Building Number: 86

AutoCAD File Name

Checked: KORDA/NEMETH ENGINEERING, INC.

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DRAWING No. T000

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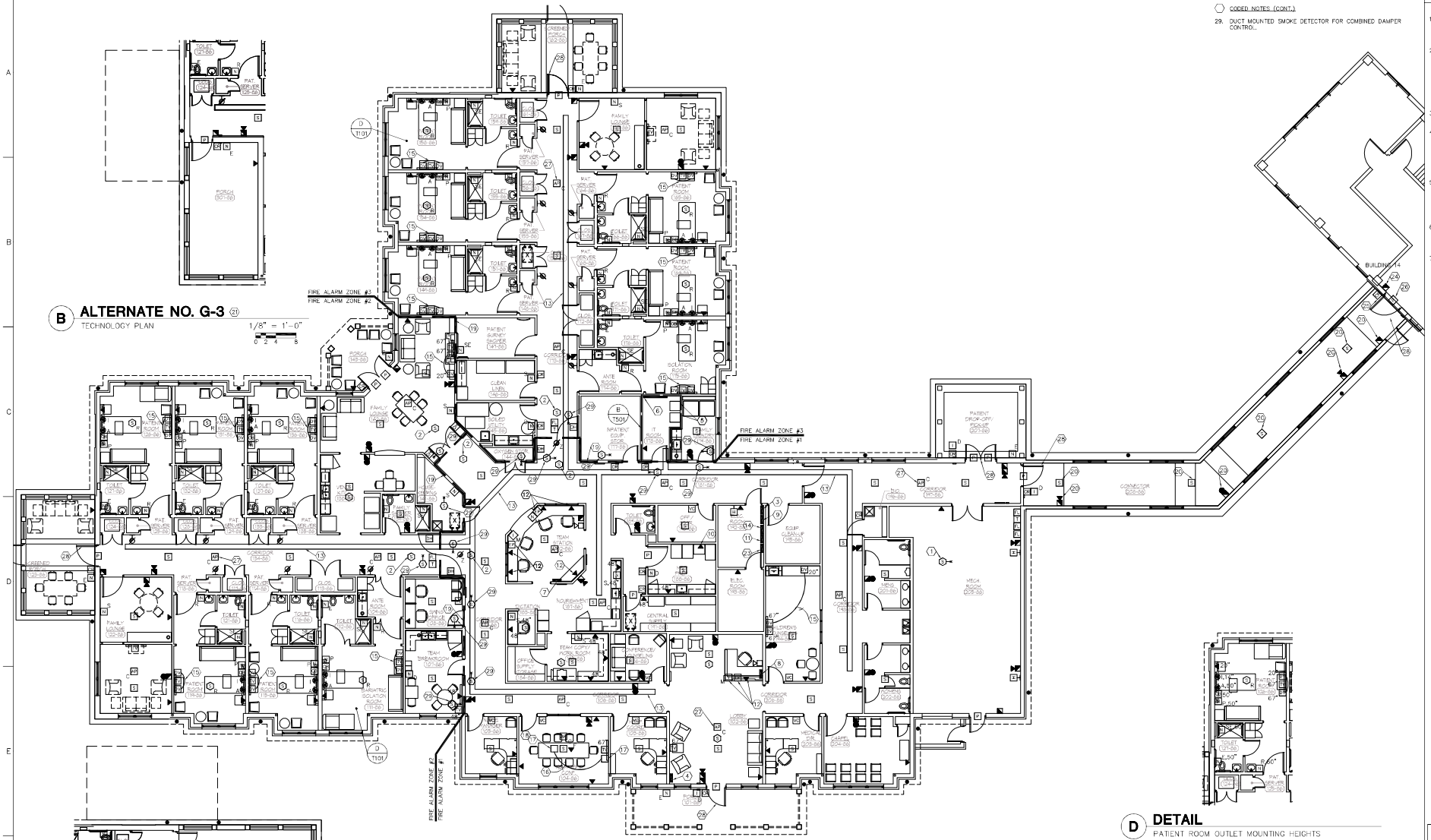
VA FORM 08-6231, JUN 1992



B **ALTERNATE NO. G-3** (21)
TECHNOLOGY PLAN
1/8" = 1'-0"

A **FIRST FLOOR**
TECHNOLOGY PLAN
1/8" = 1'-0"

C **ALTERNATE NO. G-4** (22)
TECHNOLOGY PLAN
1/8" = 1'-0"

D **DETAIL**
PATIENT ROOM OUTLET MOUNTING HEIGHTS

CODED NOTES (CONT.)

29. DUCT MOUNTED SMOKE DETECTOR FOR COMBINED DAMPER CONTROL.

GENERAL NOTES

GENERAL NOTES

1. REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER CONSTRUCTION TRADES FOR ADDITIONAL ELECTRICAL WORK INCLUDED IN THE DIVISION 26 CONTRACT.
2. COORDINATE EXACT LOCATIONS OF EQUIPMENT WITH DIVISIONS 1–23 DRAWINGS. VERIFY EXACT WIRING AND CONNECTION REQUIREMENTS WITH SUBMITTAL DOCUMENTS BEFORE INSTALLATION. SPECIALTY OUTLET TYPES SHALL BE VERIFIED BEFORE ORDERING. ALL ELECTRICAL WORK SHOWN HERE MUST BE VERIFIED AND COORDINATED IN FIELD BEFORE INSTALLATION.
3. REFER TO ARCHITECTURAL ELEVATIONS FOR OUTLET MOUNTING HEIGHTS.
4. COORDINATE LOCATION AND ELEVATION OF CABLE TRAY WITH DIVISION 20, 21, 22 AND 23 CONTRACTORS. CABLE TRAY SHOULD BE LOCATED BELOW DIVISION 20, 21, 22 AND 23 EQUIPMENT, DIRECTLY ABOVE CEILING GRID. DO NOT LOCATE CABLE TRAY OVER TOP OF LIGHTING FIXTURES.
5. ALL CONDUITS IN AREAS WITHOUT SUSPENDED CEILINGS SHALL BE RUN INCONSPICUOUSLY AS POSSIBLE, HIDDEN BEHIND BEAMS, CLOSE TO DECK, ETC. OBTAIN APPROVAL OF CONDUIT RUNS BELOW BEAMS WITH OWNER'S REPRESENTATIVE.
6. REFER TO ARCHITECTURAL DOOR SCHEDULES, AND DOOR HARDWARE SPECIFICATION 087100 FOR ELECTRICAL DEVICES INSTALLED AT DOORS.
7. PROVIDE ALL FINAL POWER CONNECTIONS TO EQUIPMENT. PROVIDE ALL CONDUIT, DEVICE BOXES, AND CONTROL WIRING TO EQUIPMENT UNLESS NOTED OTHERWISE.

CODED NOTES

1. DUCT MOUNTED SMOKE DETECTOR IN SUPPLY AIR DUCT OF AHU.
2. SMOKE DETECTORS TO RELEASE HOLD OPEN DOOR.
3. MAIN FIRE ALARM CONTROL PANEL.
4. FIRE ALARM LOCAL ANNUNCIATOR PANEL.
5. DATA RACK.
6. BACK BOARD.
7. GRAPHICAL DOOR ANNUNCIATOR PANEL.
8. DOOR ANNUNCIATOR PANEL.
9. NURSE CALL SYSTEM PANEL.
10. DATA OUTLET FOR DRUG DISPENSER.
11. PA/MUZAK HEAD END EQUIPMENT.
12. MOUNT DEVICE IN CASEWORK. VERIFY IN FIELD WITH ARCHITECT PRIOR TO ROUGH-IN.
13. WIRE BASKET CABLE TRAY, 2" DEEP, 12" WIDE.
14. INTERCOM SYSTEM CONTROL PANEL.
15. EXTEND 1–1 1/4" CONDUIT BETWEEN DVD OUTLETS.
16. EXTEND 2 – 1 1/4" CONDUIT BETWEEN JUNCTION BOXES.
17. 2 GANG EXTRA DEEP JUNCTION BOX FOR FUTURE AV CABLES.
18. JUNCTION BOX MOUNTED ABOVE DROPPED CEILING.
19. FIRE ALARM ZONE BOUNDARY.
20. IF ALTERNATE NO. G–2 IS ACCEPTED DELETE DEVICES AS SHOWN.
21. IF ALTERNATE NO. G–3 IS ACCEPTED, PROVIDE DEVICES AS SHOWN.
22. IF ALTERNATE NO. G–4 IS ACCEPTED, PROVIDE DEVICES AS SHOWN.
23. TV HEAD END.
24. IF ALTERNATE NO. G–2 IS ACCEPTED, PROVIDE DEVICE AS SHOWN. CONNECT THE DEVICE TO THE EXISTING FIRE ALARM LOOP IN BUILDING 14. COORDINATE WITH VA FOR ALL WORKS IN BUILDING 14.
25. CONNECT CARD READER AND ASSOCIATED ACCESS CONTROL PANEL TO BUILDING 14 ACCESS CONTROL SYSTEM. COORDINATE WITH VA FOR ALL WORKS IN BUILDING 14.
26. CONNECT POSITION SWITCH TO BUILDING 14 DOOR STATUS INDICATOR SYSTEM. COORDINATE WITH VA FOR ALL WORKS IN BUILDING 14.
27. PROVIDE 4 PAIR CAT 6 CABLE TO EACH WIRELESS ACCESS POINT LOCATION ABOVE CEILING. ACCESS POINTS ARE SUPPLIED AND INSTALLED BY THE VA. COORDINATE EXACT LOCATION OF ACCESS POINTS WITH THE VA IN FIELD. (TYPICAL FOR ALL ACCESS POINTS).
28. IN FIRE CONDITION THE FIRE ALARM PANEL SHALL SEND A SIGNAL TO UNLOCK ACCESS CONTROLLED EGRESS DOORS IN THE ZONE OF ALARM ONLY.

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Korda Project No. 2009-0204

NORTH

1/8" - 1'0"

REVISION NO.	REVISION DESCRIPTION	

Revisions | By | Date

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Drawing Title: FIRST FLOOR TECHNOLOGY PLAN

Project Title: VA HOSPICE CARE UNIT

Date: 09/09/2010

Submittal: CONSTRUCTION BID DOCUMENTS

Job Number: 2009-05-01

Drawn: KORDA/NEMETH ENGINEERING, INC.

Building Number: 86

AutoCAD File Name

Project Number: 557-CSI-375

Checked: KORDA/NEMETH ENGINEERING, INC.

Reviewed: KORDA/NEMETH ENGINEERING, INC.

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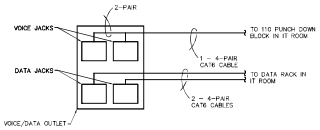
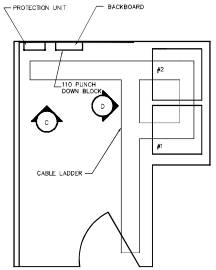
VA FORM 08-6231, JUN 1992

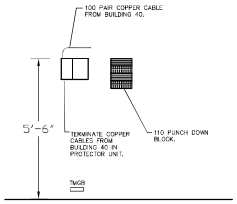
GENERAL NOTES



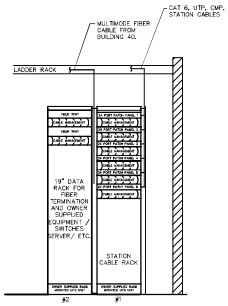
A DIAGRAM
VOICE/DATA OUTLET NETWORK DROP N.T.S.



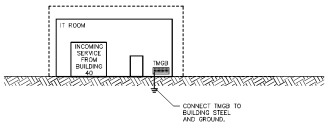
B IT ROOM PLAN LAYOUT
MTR N.T.S.



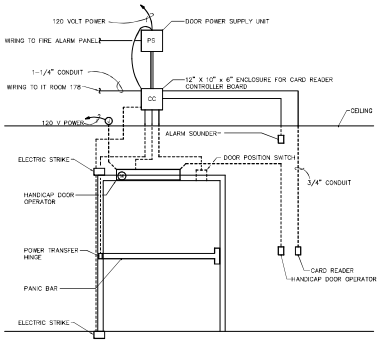
C WALL FIELD ELEVATION
N.T.S.



D RACK ELEVATION
19" RACKS N.T.S.



E GROUNDING RISER DIAGRAM
TECHNOLOGY RISER DIAGRAM N.T.S.



F DETAIL
DOOR ACCESS CONTROL SYSTEM N.T.S.

NOTES

1. NOT ALL DEVICES ARE USED ON EVERY DOOR. COORDINATE WITH DOOR HARDWARE SCHEDULES ON DRAWINGS, & SPECIFICATION SECTION 087113 FOR EXACT HARDWARE REQUIREMENTS AT EACH DOOR.
2. PROVIDE CONDUIT AND CABLING FOR EACH ELECTRICAL DEVICE SHOWN THAT IS LISTED IN THE FINISH HARDWARE SPECIFICATION AND ON THE DOOR SCHEDULES.
3. UNLESS NOTED OTHERWISE PROVIDE 1/2" CONDUIT AS SHOWN FROM ALL DEVICES TO ENCLOSURE.
4. ALL CONDUIT, CABLING AND BACK BOXES ARE PROVIDED BY CONTRACTOR.
5. EXACT ROUGH-IN LOCATIONS OF ALL DEVICES SHALL BE COORDINATED WITH ARCHITECT IN FIELD.
6. DIAGRAM IS TYPICAL OF EACH LEAF IN A GROUPING OF DOORS.
7. PROVIDE SUFFICIENT CONDUITS FOR CABLING REQUIRED TO EACH LEAF IN A MULTIPLE DOOR ENTRY LOCATION.
8. CARD READER SHALL INITIATE AUTOMATIC DOOR OPENING. REFER TO SHEET E301 FOR LOCATION OF DOORS WITH AUTOMATIC DOOR OPENING.
9. IN FIRE CONDITION, THE FIRE ALARM PANEL SHALL SEND A SIGNAL TO UNLOCK ACCESS CONTROLLED EGRESS DOORS LEADING DIRECTLY TO THE OUTSIDE OF THE BUILDING IN THE ZONE OF ALARM ONLY.

SYSTEM OUTPUTS / SYSTEM INPUTS	ACTUATE AUDIAL NOTIFICATION DEVICE (S/NSDS) IN THE ZONE OF ALARM ONLY	ACTUATE ALL AUDIBLE NOTIFICATION DEVICES IN ALL ZONES	ACTUATE SUPERVISORY SIGNAL AT EACH FAAP AND AT FIRE ALARM CONTROL PANEL AT BUILDING 40	INITIATE ALARM SIGNAL AT FIRE ALARM CONTROL PANEL AT BUILDING 40	ACTUATE ZONE LIGHT OF PULSE CALL SYSTEM IN NURSE CALL STATION	CLOSE SMOKE BARRIER DOOR IN ZONE OF ALARM	SHUT DOWN AHU	UNLOCK ELECTRICALLY LOCKED DOORS IN ZONE OF ALARM
AREA SMOKE DETECTOR	X	X		X				X
DOOR RELEASE SMOKE DETECTOR	X	X		X		X		X
PATIENT ROOM SMOKE DETECTOR	X	X		X	X			X
AHU SUPPLY DUCT SMOKE DETECTOR			X	X			X	
MANUAL PULL STATION	X	X		X		X		X
SPRINKLER WATER FLOW SWITCH	X	X		X		X		X
SPRINKLER WATER TAMPER SWITCH			X					
IN VALVE SWITCH			X					
HIGH LOW PRESSURE DRY-PIPE SPRINKLER SYSTEM			X					

G FIRE ALARM
RESPONSE MATRIX N.T.S.

NOTES

1. FACP IS THE FIRE ALARM CONTROL PANEL AT HOSPICE BUILDING.
2. FAAP IS THE FIRE ALARM ANNUNCIATOR PANEL AT HOSPICE BUILDING.

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JOB FILE 5280-0204

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REVISION NO.	REVISION DESCRIPTION	By	Date

Revisions

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Recommended Approvals:

1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title: TECHNOLOGY DETAILS

Project Title: VA HOSPICE CARE UNIT

Date: 09/09/2010

Project Number: 557-CSI-375

Submittal: CONSTRUCTION BID DOCUMENTS

Job Number: 2009-05-01

Drawn: KORDA/NEMETH ENGINEERING, INC.

Building Number: 86

AutoCAD File Name

Checked: KORDA/NEMETH ENGINEERING, INC.

Reviewed: KORDA/NEMETH ENGINEERING, INC.

Const. Contract

DRAWING No. T501

Dwg. ? Of

Veterans Affairs

VA FORM 08-6231, JUN 1992