

Symbols & Abbreviations

LIGHTING

	FLUORESCENT FIXTURE, DRAWN TO SCALE ON PLANS--LETTER IN FIXTURE INDICATES SWITCH LEG CONTROL
	CEILING MOUNTED
	WALL MOUNTED
	EXIT SIGN - DIRECTIONAL ARROWS AS INDICATED, SHADED SIDES ILLUMINATED
	LUMINAIRE TYPE - SEE LUMINAIRE SCHEDULE
XX OR XX#	SWITCH - SINGLE POLE, SUBSCRIPTS a,b, etc., DENOTES CIRCUIT CONTROLLED
S	3 WAY SWITCH
S ₃	DIMMER - SUBSCRIPTS a,b, etc., DENOTES CIRCUIT CONTROLLED
φ	MOMENTARY CONTACT LOW VOLTAGE SWITCH
S _{LV}	LOW VOLTAGE LIGHTING CONTROL STATION
S _S	RELAY - NEC CLASS II
R	LOW VOLTAGE TRANSFORMER
T	OCCUPANCY SENSOR, U=ULTRASONIC, W=WALLSWITCH, D=ULTRASONIC/INFRARED

RECEPTACLES

	SINGLE RECEPTACLE 120V
	DUPLEX RECEPTACLE 120V
	DUPLEX RECEPTACLE 120V, MOUNTED 3" ABOVE COUNTER BACKSPASH
	DOUBLE DUPLEX RECEPTACLE 120V
	TWIST LOCK RECEPTACLE 120V
	FLUSH FLOOR OUTLET (DEVICES AS INDICATED)
	DUPLEX RECEPTACLE - ISOLATED GROUND TYPE
	DUPLEX RECEPTACLE - SAFETY TYPE & TAMPER RESISTANT
	DUPLEX RECEPTACLE - SAFETY TYPE
	DUPLEX RECEPTACLE - GROUND FAULT CIRCUIT INTERRUPTER TYPE
	MULTI-OUTLET ASSEMBLY

ELECTRICAL DIAGRAMS

	FUSED SWITCH
	CIRCUIT BREAKER
	GROUND CONNECTION
	IDENTIFICATION SYMBOL, FOR FEEDER SIZES
	TRANSFORMER

CCTV

	CLOSED CIRCUIT TV CAMERA
	VIDEO SWITCHER
	CLOSED CIRCUIT TV MONITOR

MISCELLANEOUS

	MEDICAL GAS ALARM PANEL
	PUSH BUTTON STATION

TV DISTRIBUTION SYSTEM

	TV OUTLET, N = TO OUTLET WITH NURSE CALL CONTROL JACK
--	---

EQUIPMENT

	PANEL - 208 VOLT SYSTEM
	PANEL - 480 VOLT SYSTEM
	EQUIPMENT CONNECTION, E = EMERGENCY POWER
	MOTOR CONNECTION SINGLE PHASE
	MOTOR CONNECTION 3 PHASE
	TRANSFORMER
	HOT WATER TANK

CONTROL

	FUSED SWITCH (FUSE RATING INDICATED)
	DISCONNECT SWITCH
	MOTOR STARTER - MAGNETIC
	MANUAL STARTER
	COMBINATION MOTOR STARTER DISCONNECT SWITCH
	ENCLOSED CIRCUIT BREAKER
	THERMOSTAT
	CONTACTOR, M=MECHANICALLY HELD, E=ELECTRICALLY HELD
	RELAY - CONTROL TYPE
	PUSH BUTTON CONTROL STATION
	FAN CONTROL SWITCH

CIRCUITS

	JUNCTION BOX
	HOME RUN
	CONDUIT: 1/2" UN.
	UNGROUND ED CONDUCTORS
	NEUTRAL: #10 WITH DOT #12 OTHERWISE
	GROUND CONDUCTOR
	CONDUCTORS NOT SHOWN WHERE ONLY #12 NEUTRAL AND UNGROUND ED CONDUCTOR ARE REQUIRED
	CONDUIT W/ LOW VOLTAGE CONDUCTORS, SLASHES INDICATE NO. OF CONDUCTORS, IF NOT TWO
	FLEXIBLE CONDUIT

NURSE CALL AND PATIENT MONITOR SYSTEM

	NURSE CALL LAVATORY/SHOWER STATION
	NURSE CALL ASSIST STATION
	NURSE CALL STAFF STATION
	NURSE CALL PATIENT STATION
	NURSE CALL DUTY STATION
	NURSE CALL CODE BLUE STATION
	NURSE CALL MASTER STATION
	CODE BLUE ANNUNCIATOR
	NURSE CALL DOME LIGHT
	NURSE CALL ZONED DOME LIGHT
	NURSE CALL DOME LIGHT W/ COUPLER
	NURSE CALL TELEVISION INTERFACE

PUBLIC ADDRESS SYSTEM

	SPEAKER - FLUSH CEILING MOUNTED, LETTER = ZONE
	SPEAKER - WALL MOUNTED AT +84" AFF.
	VOLUME CONTROLLER WALL MOUNTED AT +54" AFF. NUMBER = ZONE

FIRE ALARM SYSTEM

	SMOKE DETECTOR
	DUCT DETECTOR
	THERMAL/RATE-OF-RISE DETECTOR (135 °F)
	MANUAL PULL STATION
	FIRE ALARM HORN/STROBE
	FIRE ALARM STROBE ONLY
	FIRE EVACUATION SPEAKER
	FIRE EVACUATION SPEAKER W/ STROBE
	FIRE ALARM REMOTE ANNUNCIATOR
	FIRE ALARM GRAPHIC ANNUNCIATOR
	FIRE ALARM RELAY
	FIRE ALARM INTERFACE MODULE
	MAGNETIC DOOR HOLDER
	ROLLING DOOR RELEASE MECHANISM
	SMOKE DOOR RELEASE MECHANISM (COMBINATION DOOR CLOSER/HOLDER TYPE)
	SMOKE DAMPER CONNECTION
	MONITOR POINT
	END-OF-LINE DEVICE

NETWORK & COMMUNICATIONS SYSTEMS

	VOICE/DATA OUTLET, X = # OF CAT5e CABLES (NO SUPERSCRIP T = OUTLET W/O CABLES)
	TELEPHONE OUTLET - WALL MOUNTED (1 CAT5e CABLE)
	PATIENT MONITORING, REFER TO VENDOR DRAWINGS.
	DATA OUTLET- LOCATED IN CEILING (1 CAT 5e CABLE)
	TELEVISION OUTLET
	CABLE TRAY
	TELEPHONE TERMINAL BOARD (TTB)
	12" TELCO STYLE CABLE RUNWAY

ABBREVIATIONS

ACH	ABOVE COUNTER HEIGHT	MCC	MOTOR CONTROL CENTER
AFF	ABOVE FINISHED FLOOR	MW	MICROWAVE
A	AMP	MG	MEDICAL GAS
AMP	AMPERE	N	NEUTRAL
ATS	AUTOMATIC TRANSFER SWITCH	NIC	NOT IN CONTRACT
AWG	AMERICAN WIRE GAUGE	NC	NURSE CALL
CB	CIRCUIT BREAKER	PUL	PANEL
CM	COFFEE MAKER	R	RACEWAY
CKT	CIRCUIT	RO	RACEWAY ONLY
CTB	COMMUNICATIONS TERMINAL BOARD	RECEPT	RECEPTACLE
DED	DEDICATED	REF	REFRIGERATOR
DW	DISHWASHER	SPECS	SPECIFICATIONS
EW	ELECTRIC WATER COOLER	SW	SWITCH
FA	FIRE ALARM	SWBD	SWITCHBOARD
FBOIC	FURNISHED BY OTHERS, INSTALLED BY CONTRACTOR	TELE	TELEPHONE
FI	FILM ILLUMINATOR	TR	TAMPER RESISTANT
(FT)	FEED-THRU	TP	TYPICAL
G	GROUND	V	VOLT
GD	GARBAGE DISPOSAL	TV	TELEVISION
GFI, GFCI	GROUND FAULT CIRCUIT INTERRUPTER	VP	VANDALPROOF
HP	HORSEPOWER	W	WIRE OR WATT
IH	INSTA-HOT WATER DISPENSER	WC	WARNING CABINET
J-BOX	JUNCTION BOX	WP	WEATHERPROOF
		XTMR	TRANSFORMER
		φ	OR PH PHASE

OUTLET MOUNTING HEIGHTS

RECEPTACLES	+18 INCHES VERTICAL
LIGHT SWITCHES	+4 FEET SET VERTICAL
PANELBOARDS	+6 FEET TO TOP OF PANELBOARD
TELEPHONE OUTLET - DESK	+18 INCHES VERTICAL
TELEPHONE OUTLET - WALL	+48 INCHES VERTICAL
COMPUTER OUTLET - DESK	+18 INCHES VERTICAL
MANUAL STATION	+4 FEET
FIRE ALARM VISUAL ALARM LIGHT	+84 INCHES OR 6 INCHES BELOW CEILING WHICHEVER IS LOWER
FIRE ALARM HORN, CHIME	+84 INCHES OR 6 INCHES BELOW CEILING WHICHEVER IS LOWER
TV OUTLET	+18" VERTICAL, OR AS NOTED
NURSE CALL STATIONS	+48" VERTICAL, OR AS NOTED
NURSE CALL DOME LIGHTS	+80" VERTICAL, OR AS NOTED
KEYPADS & CARD READERS	+48" VERTICAL, OR AS NOTED

GENERAL NOTES

- THE LOCATIONS OF ELECTRICAL DEVICES OR LUMINAIRES INDICATED ON ARCHITECTURAL PLANS, ELEVATIONS OR SECTIONS TAKE PRECEDENCE OVER LOCATION INDICATED ON ELECTRICAL DRAWINGS.
- REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LUMINAIRE LOCATIONS.

522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbaloft.com

Jun 29, 2010

HAIGHT
ASSOCIATES
CONSULTING
ELECTRICAL
ENGINEERS

City & Borough of Juneau
Bartlett Regional Hospital
Medical /Surgical East Wing Renovation
CBJ Contract No. E10-221
Juneau, Alaska

REVISIONS

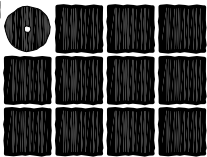
1.	THE LOCATIONS OF ELECTRICAL DEVICES OR LUMINAIRES INDICATED ON ARCHITECTURAL PLANS, ELEVATIONS OR SECTIONS TAKE PRECEDENCE OVER LOCATION INDICATED ON ELECTRICAL DRAWINGS.
2.	REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LUMINAIRE LOCATIONS.

SHEET TITLE
LEGEND

E100

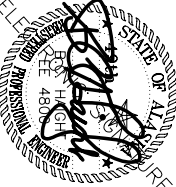
FLAG NOTES

1- UPDATE GRAPHICS IN EXISTING FIRE ALARM CONTROL PANEL (FACP).



Jensen
Yorba
Lott
Inc.

522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbalott.com



Jun 29, 2010



City & Borough of Juneau
Bartlett Regional Hospital
Medical / Surgical East Wing Renovation
CBJ Contract No. E10-221
Juneau, Alaska

REVISIONS
1
2
3
4

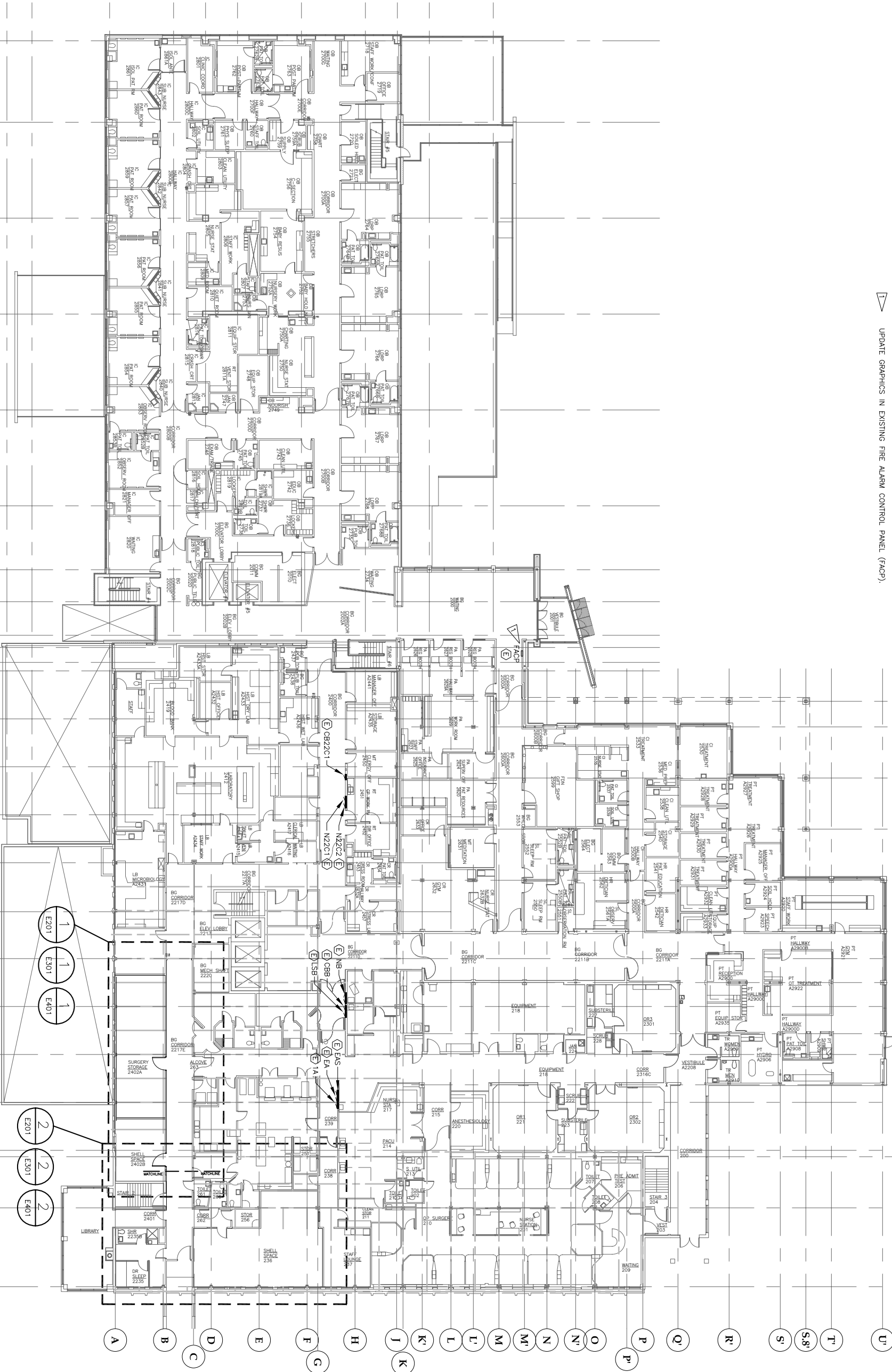
SHEET TITLE
FLOOR PLAN
LEVEL 1
OVERALL

DATE: July 1, 2010
FILE: 0859

E101

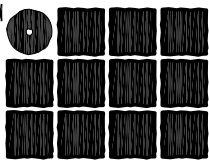
FLAG NOTES

UPDATE GRAPHICS IN EXISTING FIRE ALARM CONTROL PANEL (FACP).



1 FLOOR PLAN: LEVEL 2 - OVERALL

SCALE: 0 8' 16' 32'



Jensen
Yorba
Lott
Inc.

522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorba@att.com



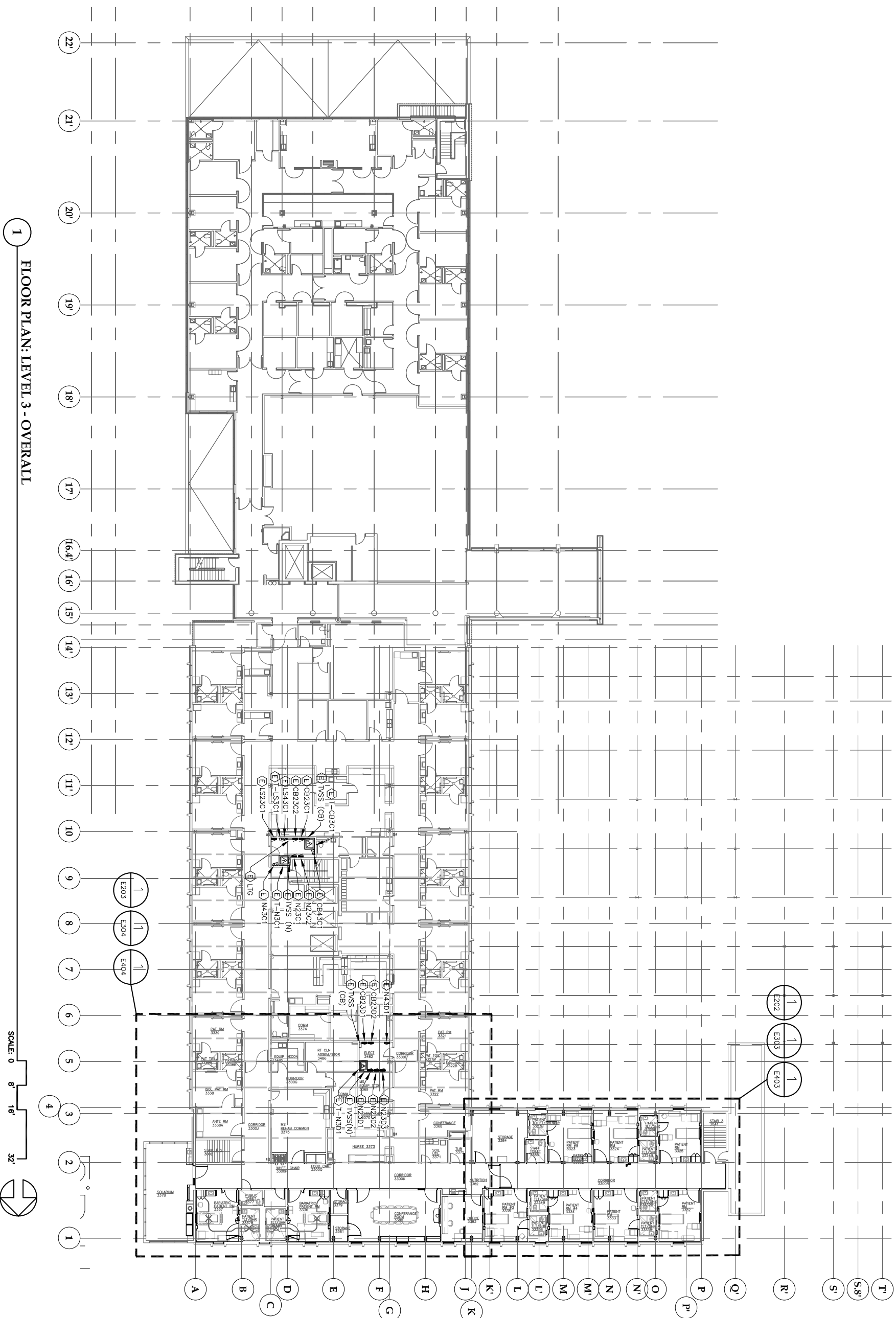
City & Borough of Juneau
Bartlett Regional Hospital
Medical / Surgical East Wing Renovation
CBJ Contract No. E10-221
Juneau, Alaska

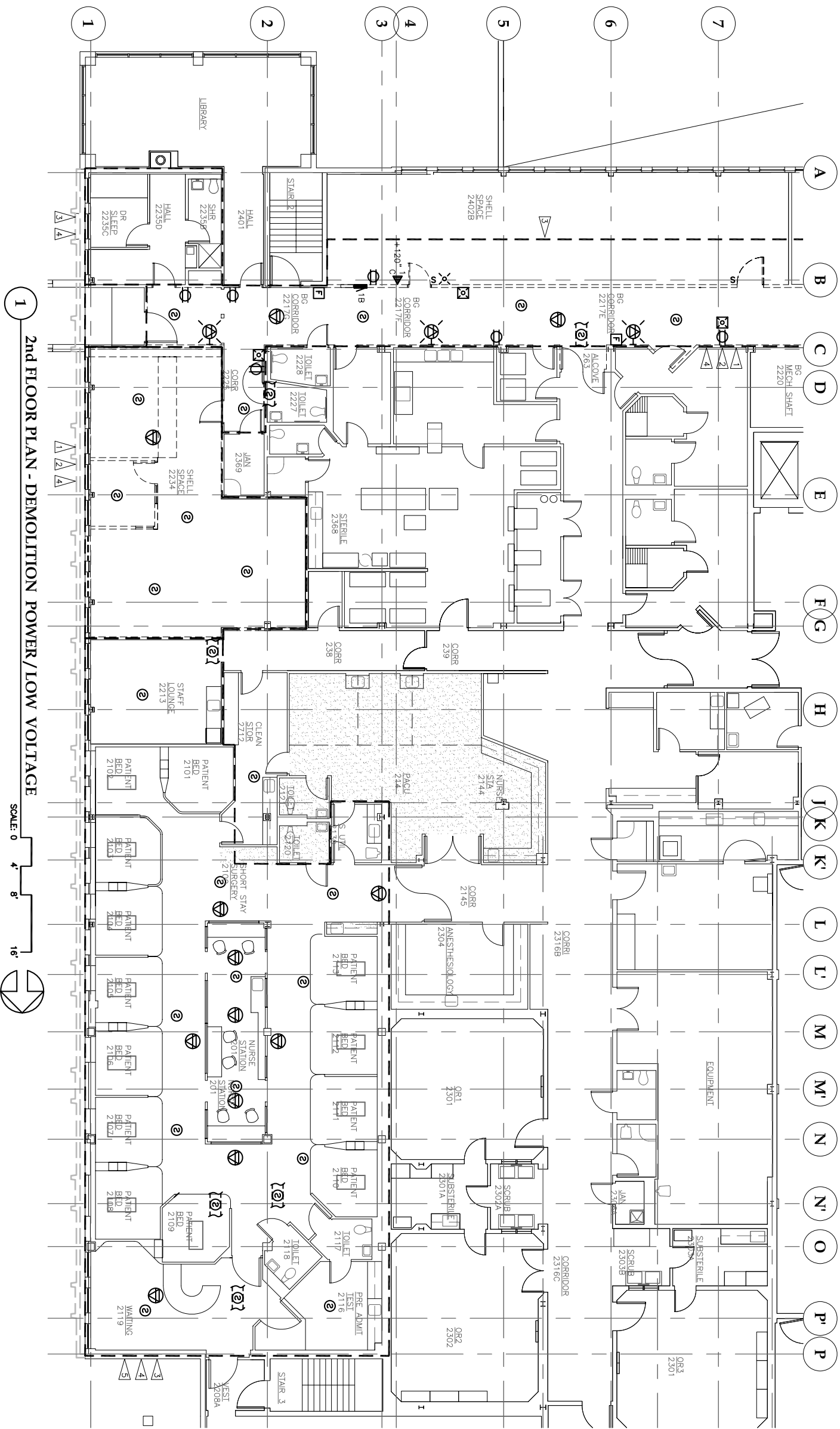
REVISIONS
1
2
3
4

SHEET TITLE
FLOOR PLAN
LEVEL 2
OVERALL

DATE: July 1, 2010
FILE: 0859

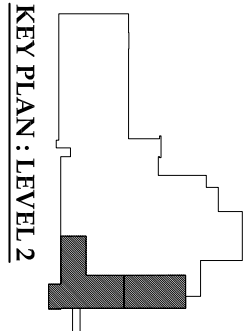
E102





FLAG NOTES

- 1 ALTERNATE BID ITEMS: DEMOLISH ALL ELECTRICAL DEVICES, EQUIPMENT, AND CIRCUITING WITHIN THESE AREAS. SALVAGE AND REUSE FIRE ALARM DEVICES. RETAIN DUCT DETECTORS AND DAMPER CONTROLS.
- 2 IDENTIFY AND RETAIN ACTIVE CIRCUITS THAT PASS THROUGH THE DEMOLITION AREAS.
- 3 REMOVE AND REINSTALL ELECTRICAL EQUIPMENT, DEVICES, AND CIRCUITS AS REQUIRED TO ALLOW ACCESS INTO THE CEILING CAVITY FOR MECHANICAL SYSTEM RENOVATION.
- 4 NOT ALL ELECTRICAL EQUIPMENT AND DEVICES ARE IDENTIFIED. VERIFY CONDITIONS AS NEEDED TO COMPLETE WORK.
- 5 COORDINATE WORK IN THIS SPACE IN STAGES. SEE SPECIFICATION SECTION 01000 SUMMARY, ARTICLE 1.11 WORK RESTRICTIONS.



KEY PLAN: LEVEL 2



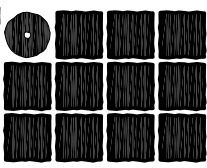
Jun 29, 2010



522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbalott.com

Inc.

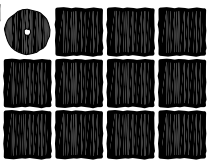
Jensen
Yorba
Lott



REVISIONS
1
2
3
4
5

SHEET TITLE
2nd FLOOR PLAN
DEMOLITION
POWER, LOW
VOLTAGE
DATE: July 1, 2010
FILE: 0859

E1201



Jensen
Yorba
Lott
Inc.

522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbalott.com



Jun 29, 2010



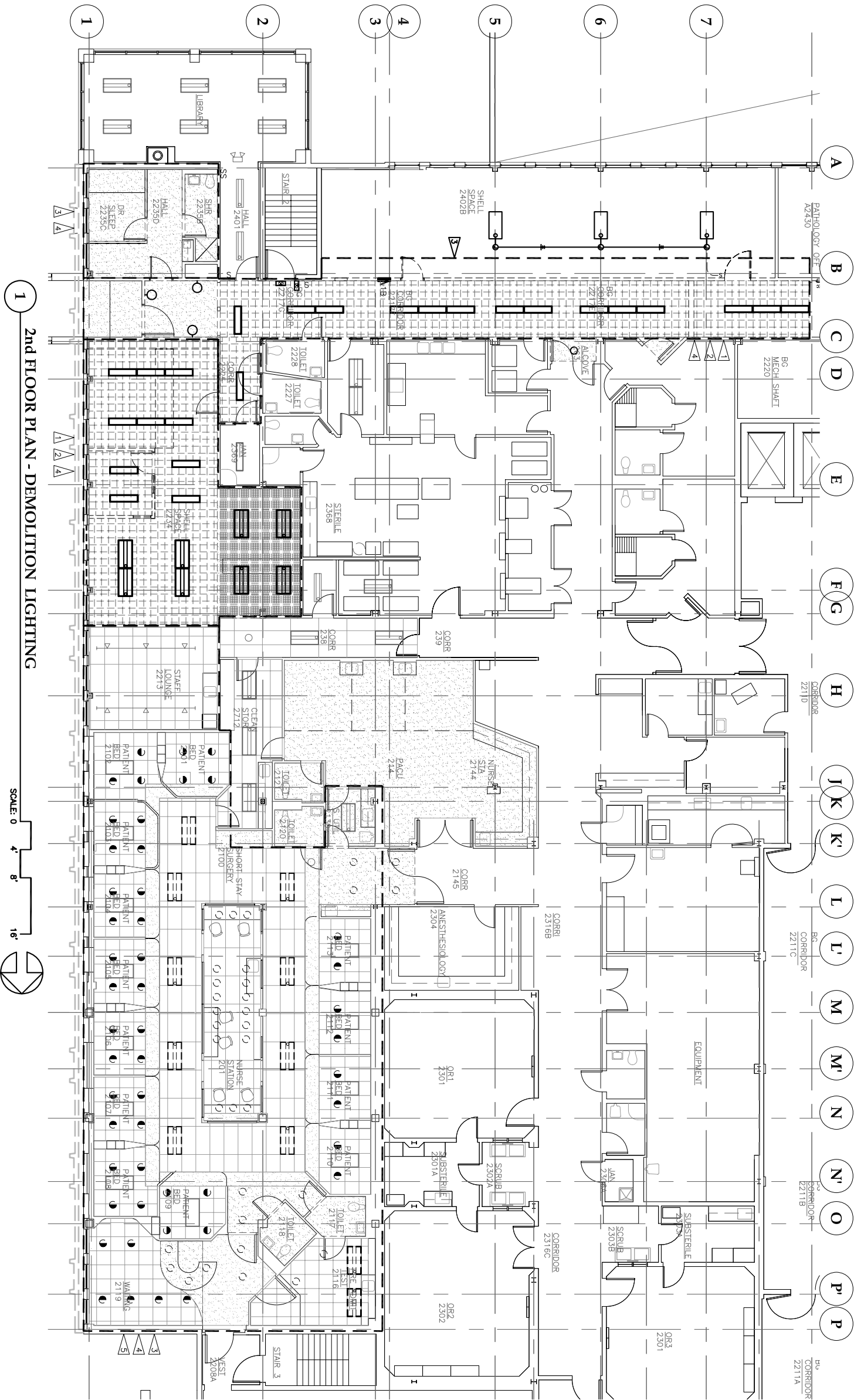
City & Borough of Juneau
Bartlett Regional Hospital
Medical / Surgical East Wing Renovation
CBJ Contract No. E10-221
Juneau, Alaska

REVISIONS
1
2
3
4
5

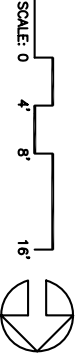
SHEET TITLE
2nd FLOOR PLAN
DEMOLITION
LIGHTING
DATE: July 1, 2010
FILE: 0859
E1202

FLAG NOTES

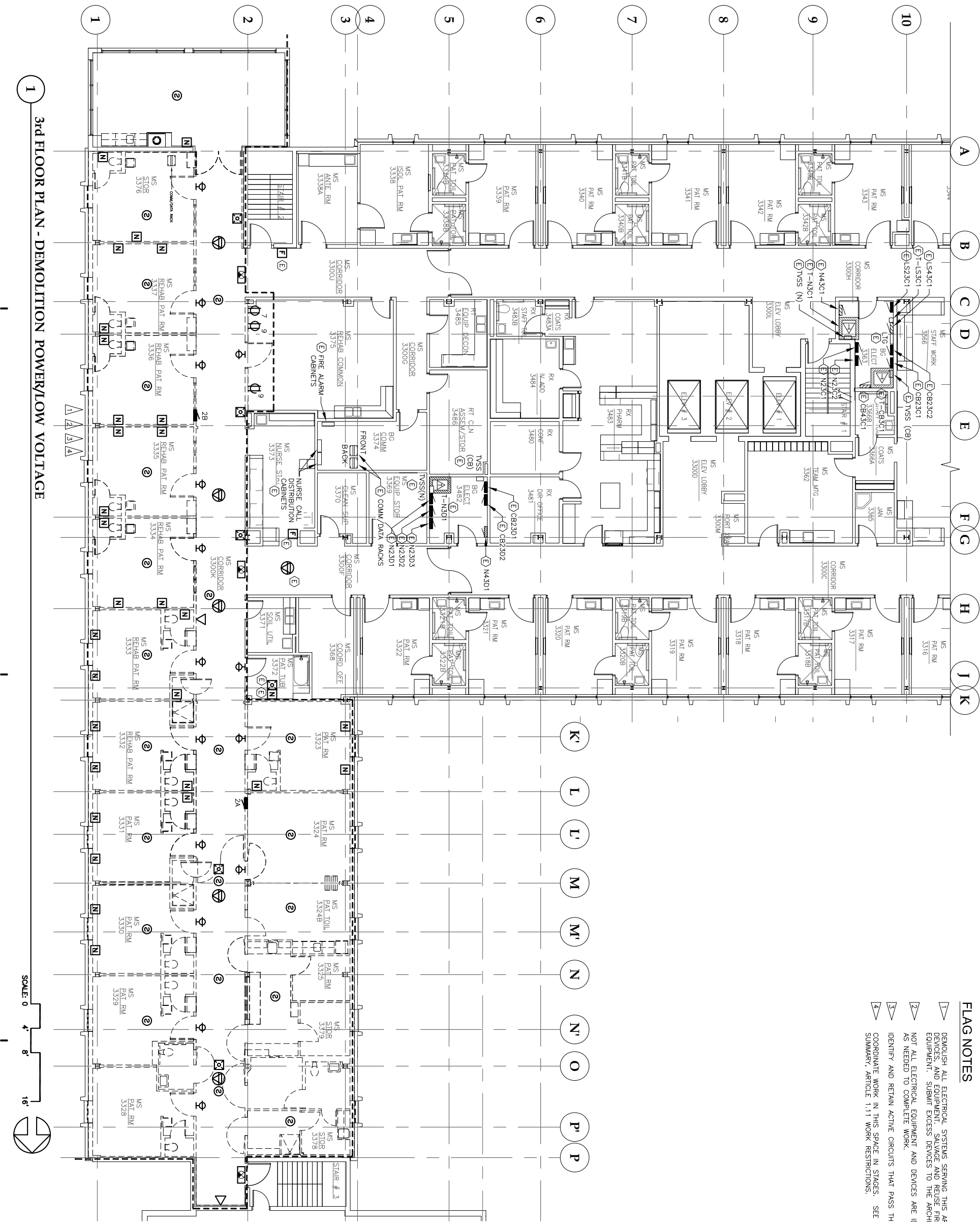
- 1 ALTERNATE BID ITEMS: DEMOLISH ALL ELECTRICAL DEVICES, EQUIPMENT, AND CIRCUITING WITHIN THESE AREAS. SALVAGE AND REUSE FIRE ALARM DEVICES, RETAIN DUCT DETECTORS AND DAMPER CONTROLS.
- 2 IDENTIFY AND RETAIN ACTIVE CIRCUITS THAT PASS THROUGH THE DEMOLITION AREAS.
- 3 REMOVE AND REINSTALL ELECTRICAL DEVICES, AND CIRCUITS AS REQUIRED TO ALLOW ACCESS INTO THE CEILING CAVITY FOR MECHANICAL SYSTEM RENOVATION.
- 4 NOT ALL ELECTRICAL EQUIPMENT AND DEVICES ARE IDENTIFIED. VERIFY CONDITIONS AS NEEDED TO COMPLETE WORK.
- 5 COORDINATE WORK IN THIS SPACE IN STAGES. SEE SPECIFICATION SECTION 01000 SUMMARY, ARTICLE 1.11 WORK RESTRICTIONS.



1 2nd FLOOR PLAN - DEMOLITION LIGHTING

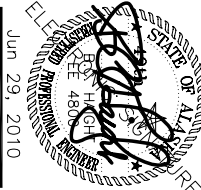
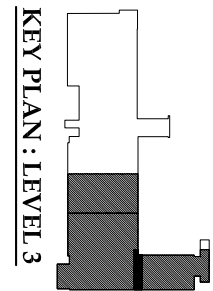


KEY PLAN: LEVEL 2

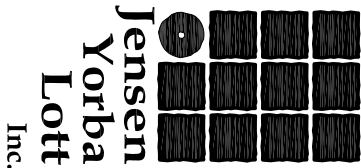


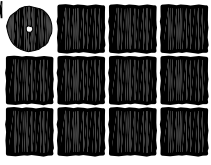
FLAG NOTES

- 1 DEMOLISH ALL ELECTRICAL SYSTEMS SERVING THIS AREA, INCLUDING CIRCUITING, DEVICES, AND EQUIPMENT. SALVAGE AND REUSE FIRE ALARM AND NURSE CALL EQUIPMENT. SUBMIT EXCESS DEVICES TO THE ARCHITECT.
- 2 NOT ALL ELECTRICAL EQUIPMENT AND DEVICES ARE IDENTIFIED. VERIFY CONDITIONS AS NEEDED TO COMPLETE WORK.
- 3 IDENTIFY AND RETAIN ACTIVE CIRCUITS THAT PASS THROUGH THE DEMOLITION AREAS.
- 4 COORDINATE WORK IN THIS SPACE IN STAGES. SEE SPECIFICATION SECTION 01000 SUMMARY, ARTICLE 1.11 WORK RESTRICTIONS.



522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbalott.com





**Jensen
Yorba
Lott
Inc.**

522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbalott.com



**City & Borough of Juneau
Bartlett Regional Hospital
Medical / Surgical East Wing Renovation
CBJ Contract No. E10-221
Juneau, Alaska**

REVISIONS
1

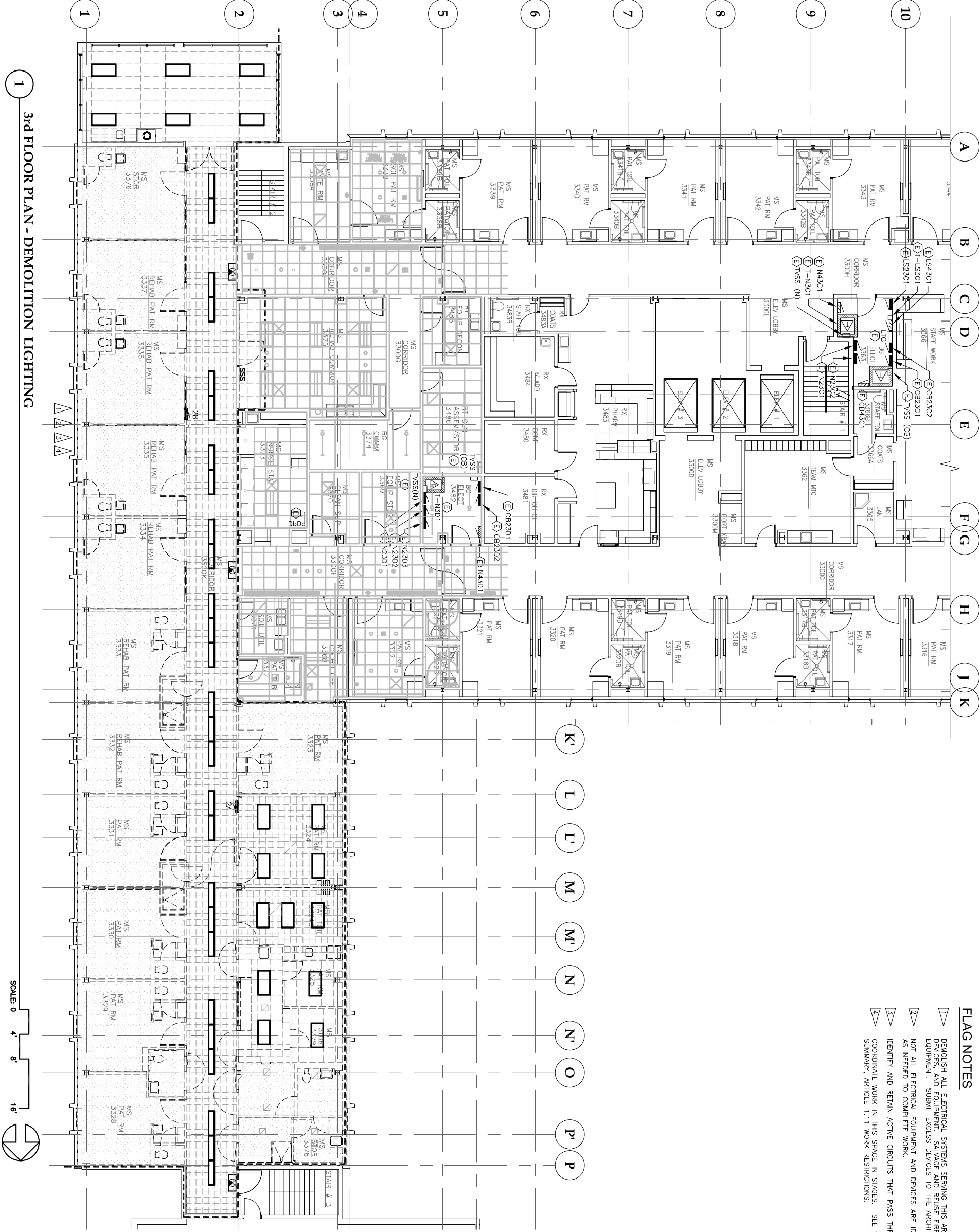
SHEET TITLE
**3rd FLOOR PLAN
DEMOLITION
LIGHTING**

DATE: July 1, 2010
FILE: 0859

E1204

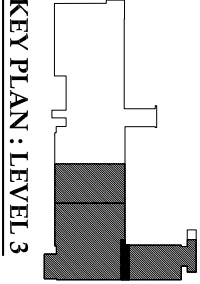
FLAG NOTES

- 1 DEMOLISH ALL ELECTRICAL SYSTEMS SERVING THIS AREA, INCLUDING CIRCUITING, DEVICES, AND EQUIPMENT. SALVAGE AND REUSE FIRE ALARM AND NURSE CALL EQUIPMENT. SUBMIT EXCESS DEVICES TO THE ARCHITECT.
- 2 NOT ALL ELECTRICAL EQUIPMENT AND DEVICES ARE IDENTIFIED. VERIFY CONDITIONS AS NEEDED TO COMPLETE WORK.
- 3 IDENTIFY AND RETAIN ACTIVE CIRCUITS THAT PASS THROUGH THE DEMOLITION AREAS.
- 4 COORDINATE WORK IN THIS SPACE IN STAGES. SEE SPECIFICATION SECTION 01000 SUMMARY, ARTICLE 1.11 WORK RESTRICTIONS.

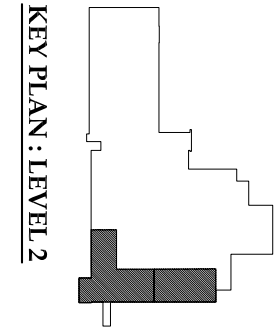
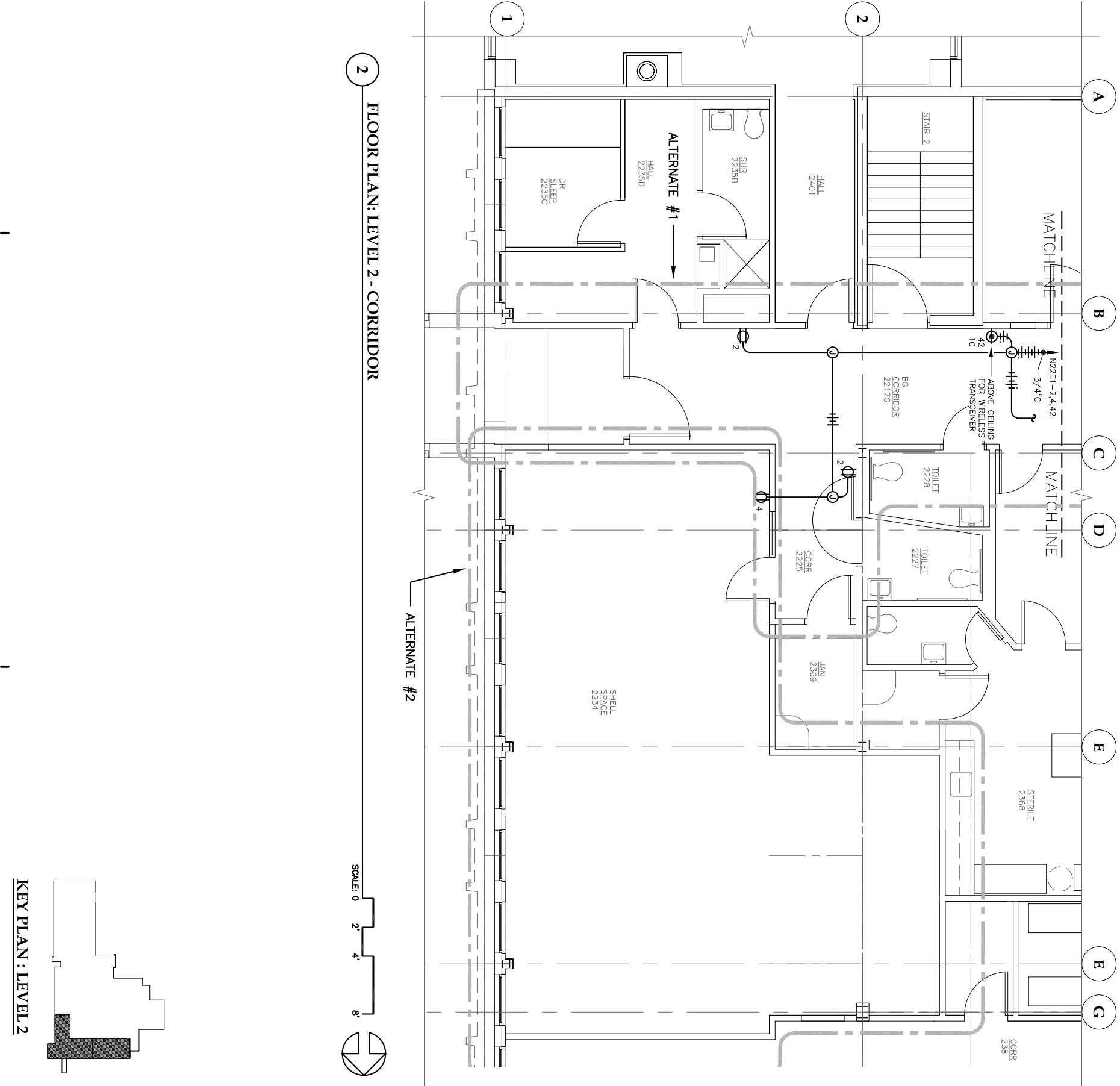
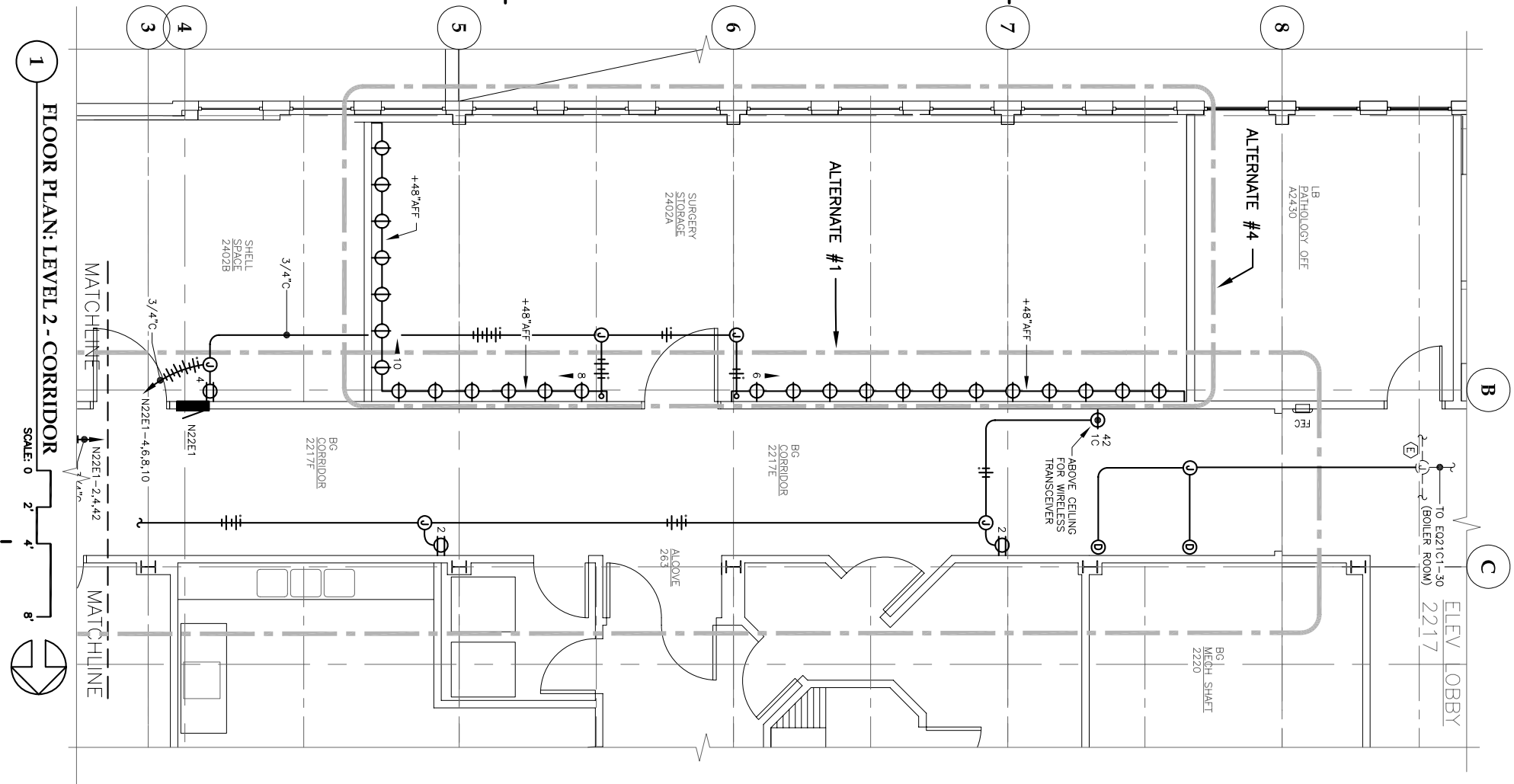


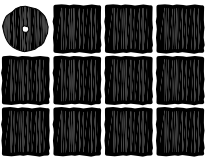
3rd FLOOR PLAN - DEMOLITION LIGHTING

SCALE: 0 4' 8' 16'



KEY PLAN: LEVEL 3





Jensen
Yorba
Lott
Inc.

522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbalott.com



Jun 29, 2010

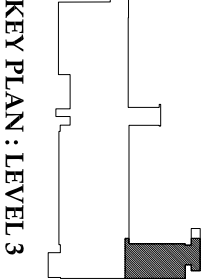


City & Borough of Juneau
Bartlett Regional Hospital
Medical / Surgical East Wing Renovation
CBJ Contract No. E10-221
Juneau, Alaska

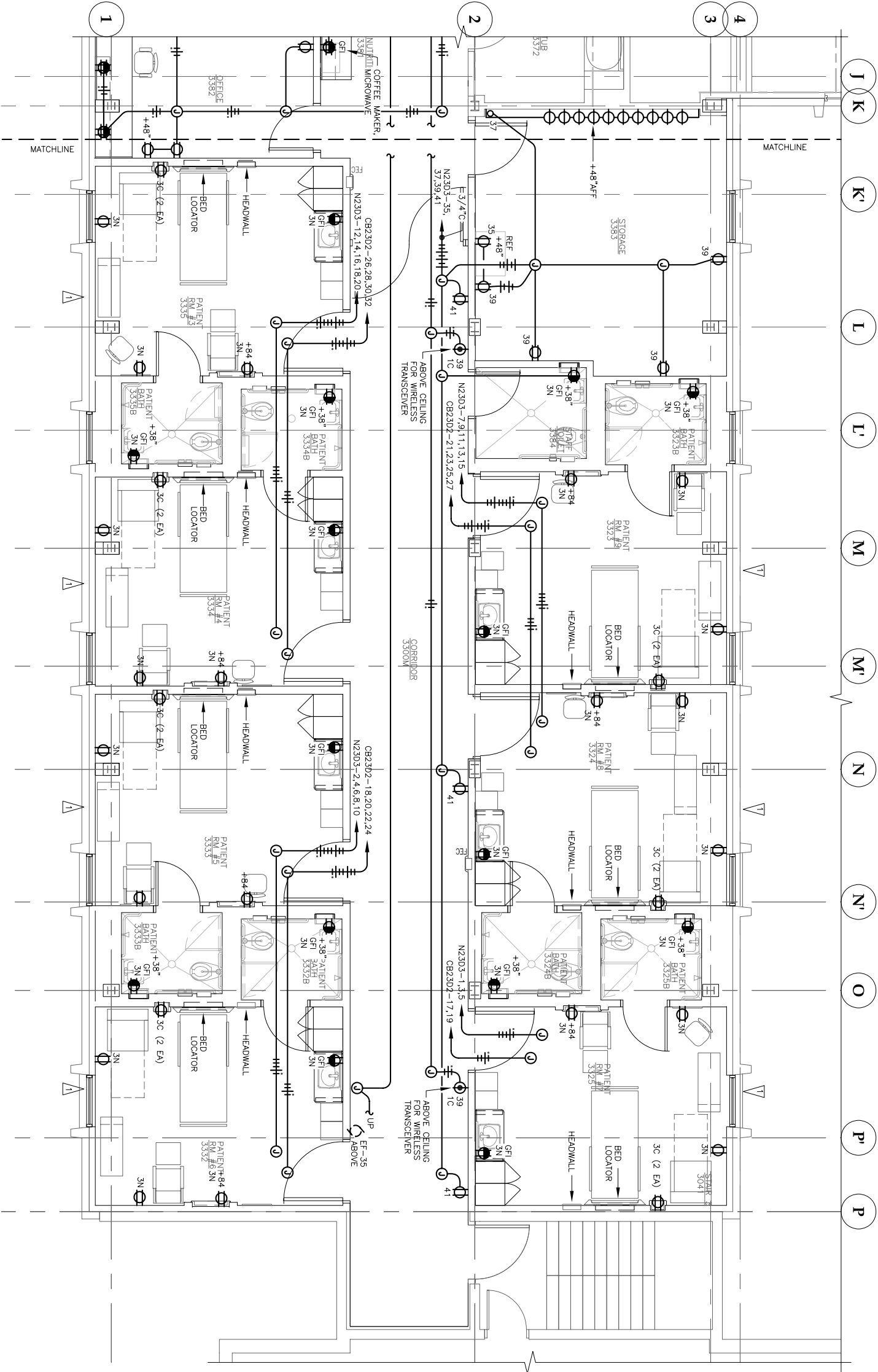
REVISIONS

SHEET TITLE
FLOOR PLAN
LEVEL 3
POWER

DATE: July 1, 2010
FILE: 0859



KEY PLAN : LEVEL 3



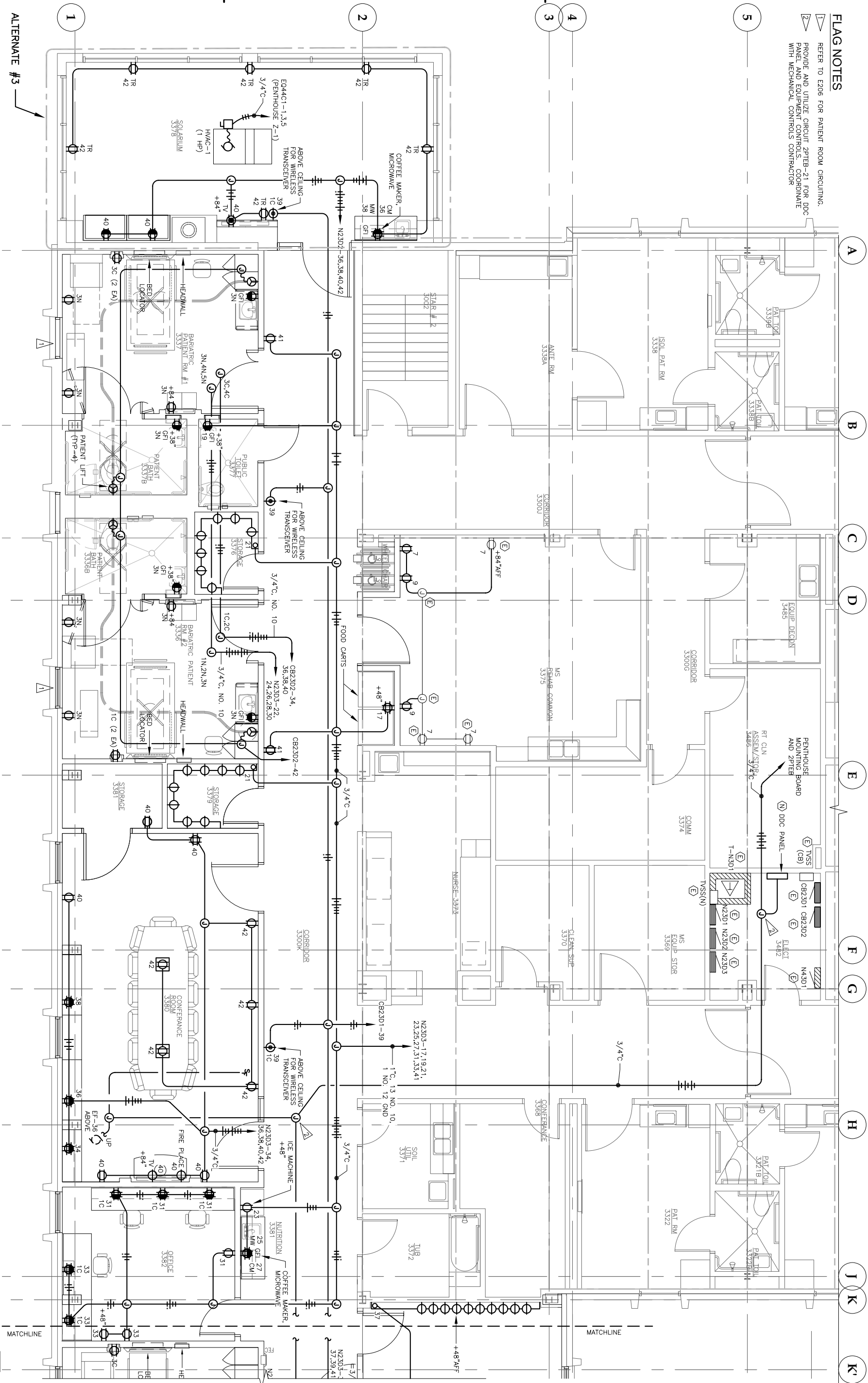
FLOOR PLAN: LEVEL 3 NORTH - POWER

SCALE: 0 2' 4' 8'



FLAG NOTES

- REFER TO E206 FOR PATIENT ROOM CIRCUITING.
- PROVIDE AND UTILIZE CIRCUIT 2P1B-21 FOR DDC PANEL AND EQUIPMENT CONTROLS. COORDINATE WITH MECHANICAL CONTROLS CONTRACTOR

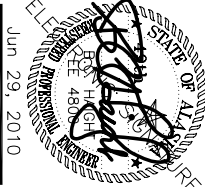


FLOOR PLAN: LEVEL 3 SOUTH - POWER

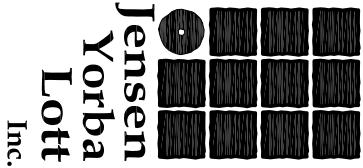
1

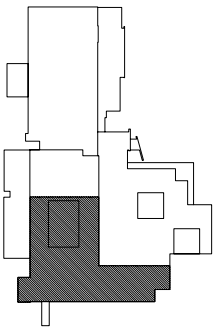
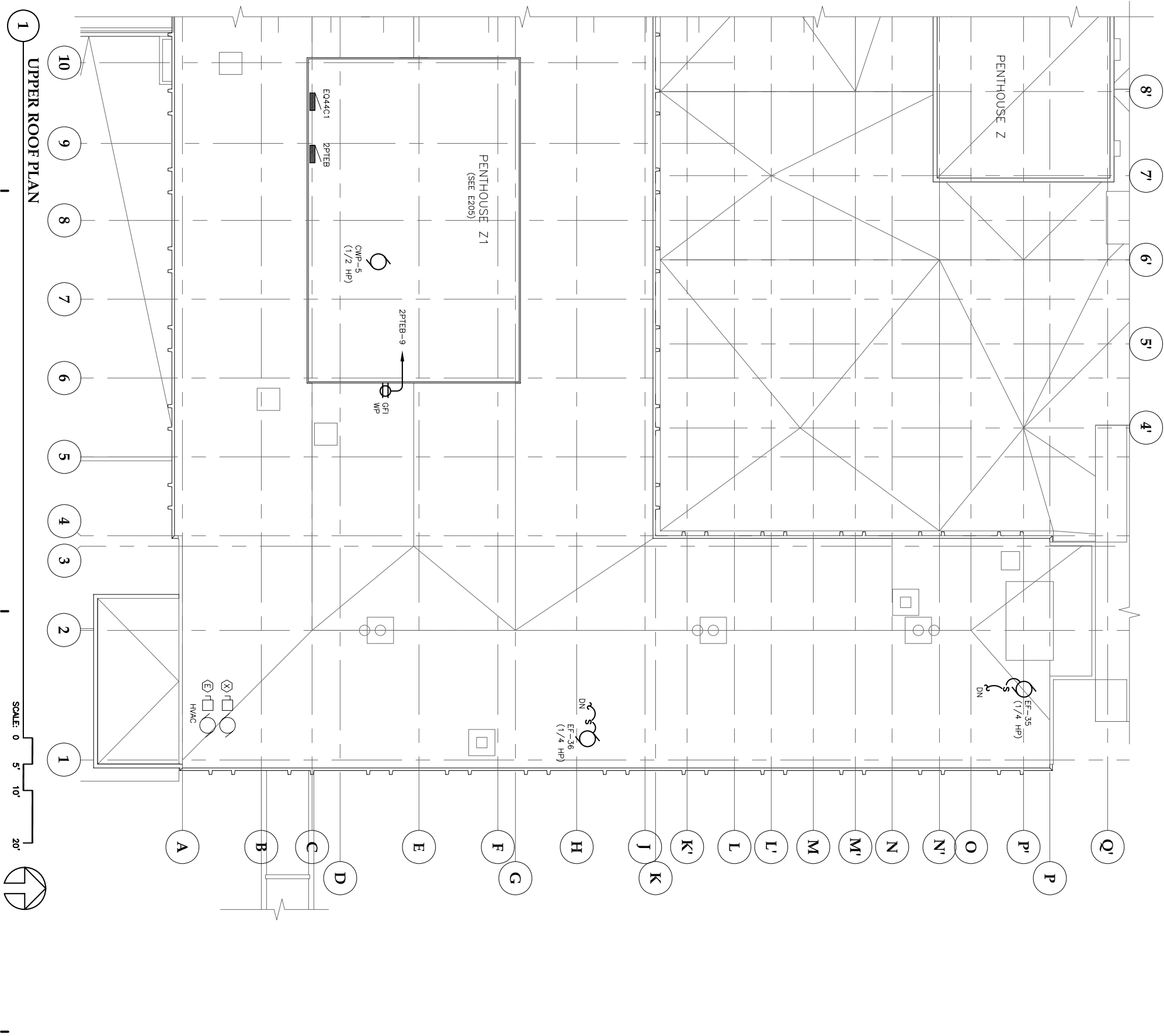


KEY PLAN: LEVEL 3

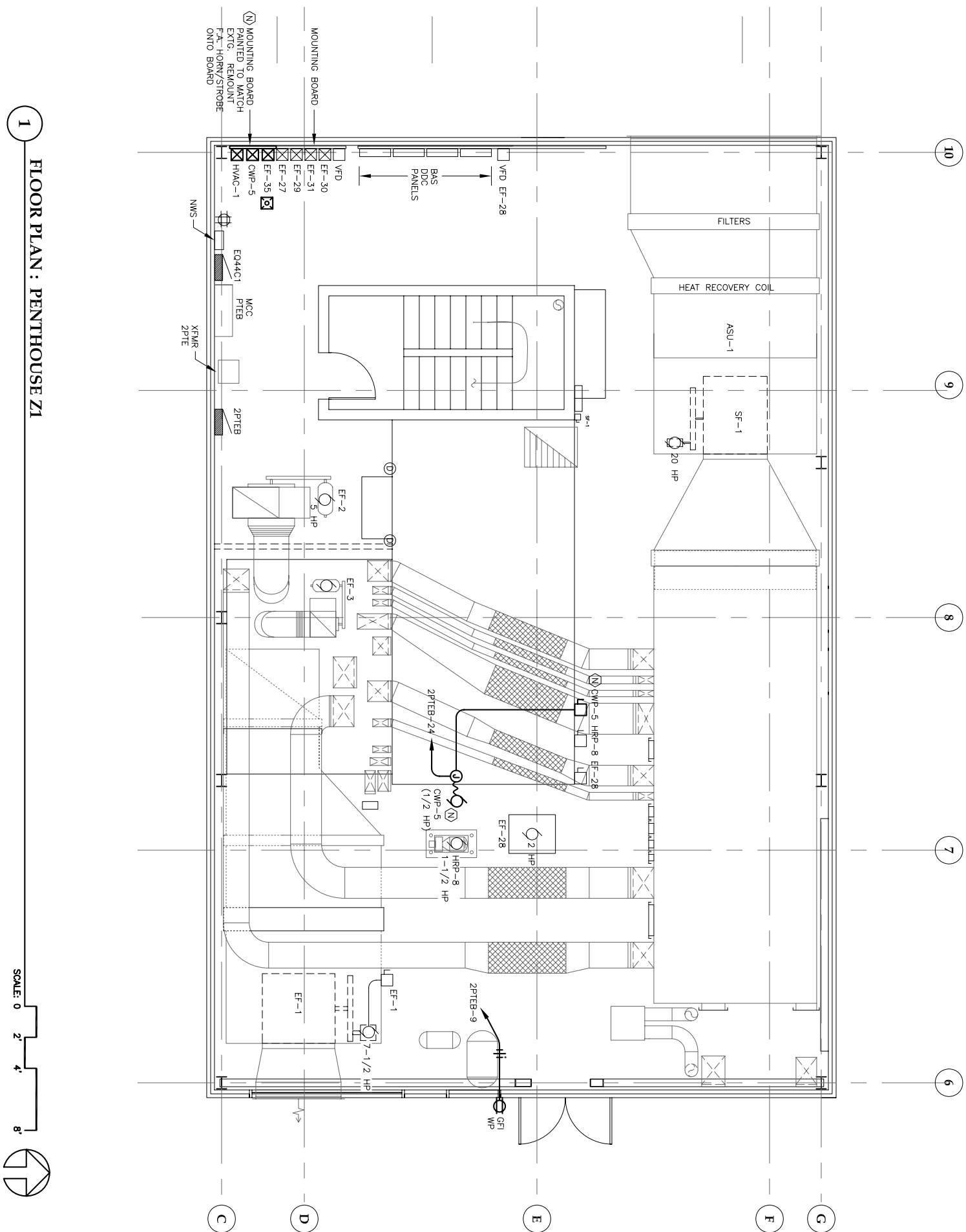


522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbahott.com





KEY PLAN : UPPER ROOF PLAN



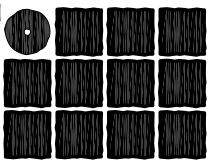
FLOOR PLAN : PENTHOUSE Z1

SCALE: 0 2' 4' 8'



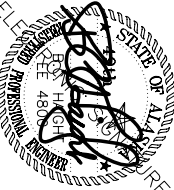
NOTES

ALL DEVICES AND EQUIPMENT SHOWN IS EXISTING,
EXCEPT WHERE SHOWN AS NEW.



**Jensen
Yorba
Lott
Inc**

522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbalott.com



Jun 29, 2010



**City & Borough of Juneau
Bartlett Regional Hospital
Medical / Surgical East Wing Renovation
CBJ Contract No. E10-221
Juneau, Alaska**

REVISIONS

1	
2	
3	

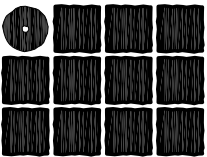
SHEET TITLE
FLOOR PLAN
PENTHOUSE Z1

DATE: July 1, 2010
FILE: 0859

KEY PLAN: UPPER ROOF PLAN

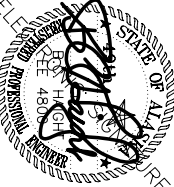
E205

- FLAG NOTES**
- 1 PROVIDE BASE WITH (1) N.O. CONTACT TO CLOSE ON ALARM.
CONNECT TO NC PATIENT STATION.
 - 2 SEE SCHEMATIC DIAGRAM ON SHEET E405, SHOWING PATIENT TV
CONNECTION WITH NURSE CALL SYSTEM.
 - 3 ALL RECEPTACLES EXCEPT BATHROOMS: ISOLATED GROUND TYPE.



**Jensen
Yorba
Lott
Inc.**

522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbalott.com



Jun 29, 2010



**City & Borough of Juneau
Bartlett Regional Hospital
Medical / Surgical East Wing Renovation
CBJ Contract No. E10-221
Juneau, Alaska**

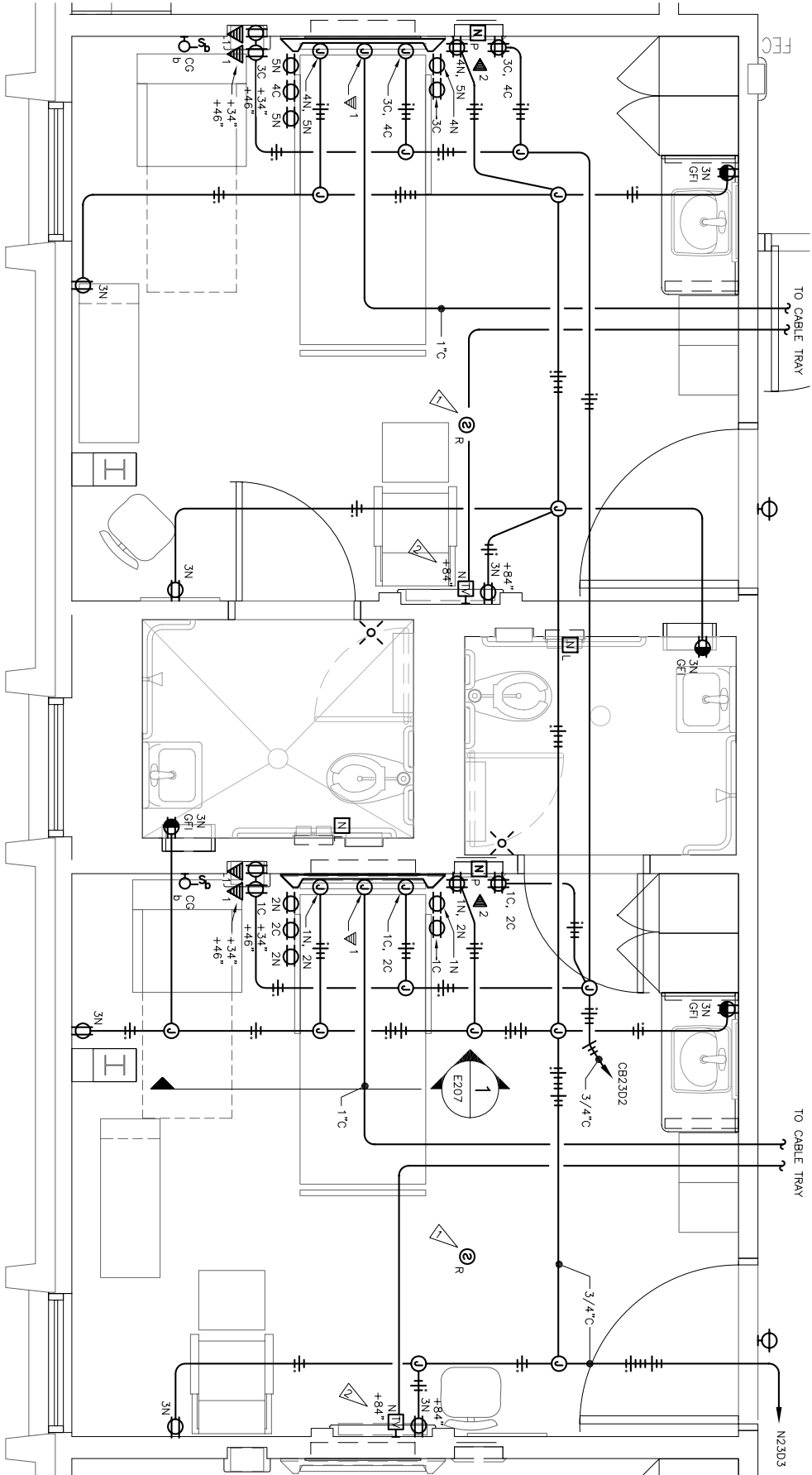
REVISIONS



SHEET TITLE
**ENLARGED PLAN
TYPICAL
PATIENT ROOM**

DATE: July 1, 2010
FILE: 0859

E206



1 ENLARGED PLAN - TYPICAL PATIENT ROOM

SCALE: 0 1' 2' 4'