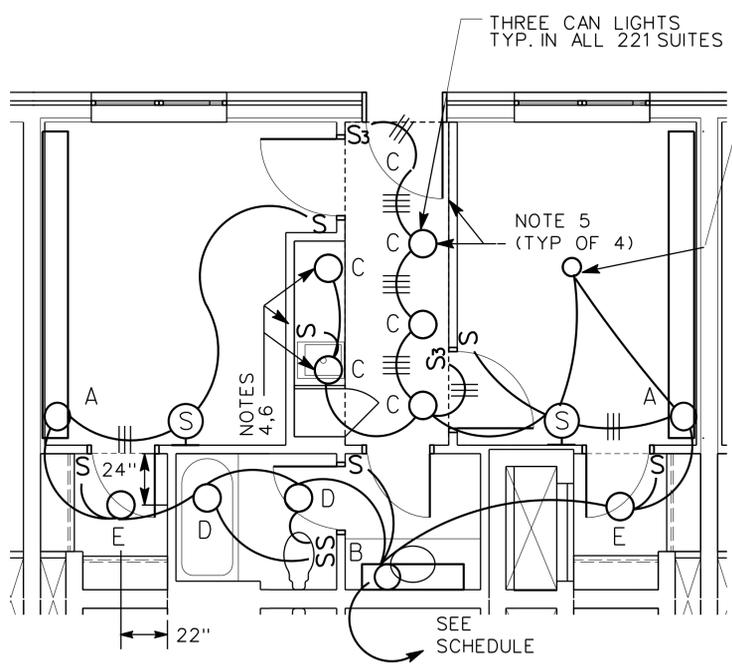


**FIRST FLOOR PLAN**  
SCALE: 3/16" = 1'-0"

BLDG A	ROOM NOS.	CIRCUIT NOS.	PANELS
1ST FLOOR	110	P1E1-6	PANEL P1E1 RM 119
	111	P1E1-4	
	113	P1E1-2	
	115	P1E1-5	PANEL P1E2 RM 119
	117	P1E1-3	
	112	P1E2-4	
	114	P1E2-2	
	116	P1E2-5	
	118	P1E2-3	

NOTES, CONTINUED:  
10. MOUNT THE ELEVATOR HOISTWAY LIGHT SWITCH AT 48" ABOVE THE FIRST FLOOR LINE. MOUNT THE TYPE I FIXTURES AT 42" ABOVE THE ELEVATOR PIT FLOOR LINE.



**TYPICAL CIRCUITRY PLAN - SUITE**  
SCALE: 3/8" = 1'-0"

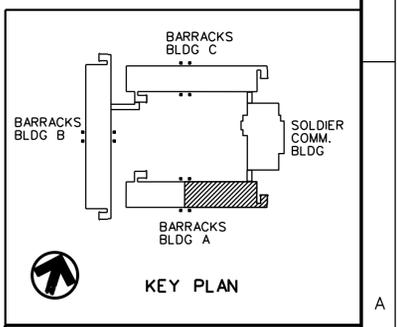
- NOTES:
- CONNECT FIXTURES TYPES G & I TO THE AC STANDBY POWER SYSTEM (SPS) VIA A PHOTOCELL CONTROLLED LIGHTING CONTACTOR UNLESS OTHERWISE INDICATED. THE SPS AND CONTACTORS SHALL BE LOCATED IN ROOM 220 (BUILDINGS A AND C) AND ROOM 222 (BUILDING B). THE PHOTOCELL SHALL BE FLUSH MOUNTED ON THE NORTH WALL WHERE INDICATED. SEE THE EXTERIOR LIGHTING CONTROL DIAGRAM. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE #10 AWG.
  - CONNECT TYPE G FIXTURES AT THE STAIRWELL LANDING TO THE AC STANDBY POWER SYSTEM (SPS) WITH #10 CONDUCTORS. FIXTURES SHALL BE UNSWITCHED.
  - CONNECT EXIT LIGHTS TO THE AC STANDBY POWER SYSTEM (SPS) WITH #10 CONDUCTORS. EXIT LIGHTS SHALL BE UNSWITCHED.
  - INSTALL THE INDICATED TYPE C LIGHT FIXTURES IN THE CEILING SOFFIT. SEE PLATE E-47 FOR THE EXACT LOCATION OF FIXTURES.
  - COORDINATE THE INSTALLATION OF THE INDICATED TYPE C FIXTURES WITH THE INSTALLATION OF THE HVAC EQUIPMENT. ALL TYPE C FIXTURES SHALL BE ALIGNED EQUIDISTANT FROM THE LONG WALLS.
  - MOUNT THE CABINET LIGHT SWITCH IN A 2-GANG BOX WITH THE GARBAGE DISPOSAL SWITCH. (INSTALL THE LIGHT SWITCH IN THE GANG NEAREST THE SINK). SEE PLATE E-47 FOR DETAILS.
  - SEE PLATE E-47 FOR MOUNTING LOCATION DETAIL FOR TYPE G FIXTURES AT DOORWAYS.
  - WALL MOUNTED EXIT LIGHTS SHALL BE 7'-6" AFF (MEASURED AT THE FIXTURE CENTER). THE CENTERLINE OF THE FIXTURE SHALL BE ALIGNED WITH THE CENTERLINE OF THE COLUMN.
  - SEE PLATE E-46 FOR THE LIGHTING FIXTURE SCHEDULE.

SCALE: 3/8" = 1'-0"  
0 1' 2' 4' 8'

SCALE: 3/16" = 1'-0"  
0 2' 4' 8' 16'

**RECORD DRAWING**

SYMBOL	ZONE	AS BUILT	DESCRIPTION	DATE	BY



U.S. ARMY ENGINEER DISTRICT, SAVANNAH  
CORPS OF ENGINEERS  
SAVANNAH, GEORGIA

**BARRACKS RENEWAL KELLEY HILL NO. 2  
BARRACKS BUILDING A  
RIGHT WING - LIGHTING  
FIRST FLOOR PLAN**

FORT BENNING, GEORGIA

SIZE	SOLICITATION NO.	FILE NO.	PLATE
F	DACA21-96-B-0050	721-11-09	E-8

SCALE: AS SHOWN SHEET 288











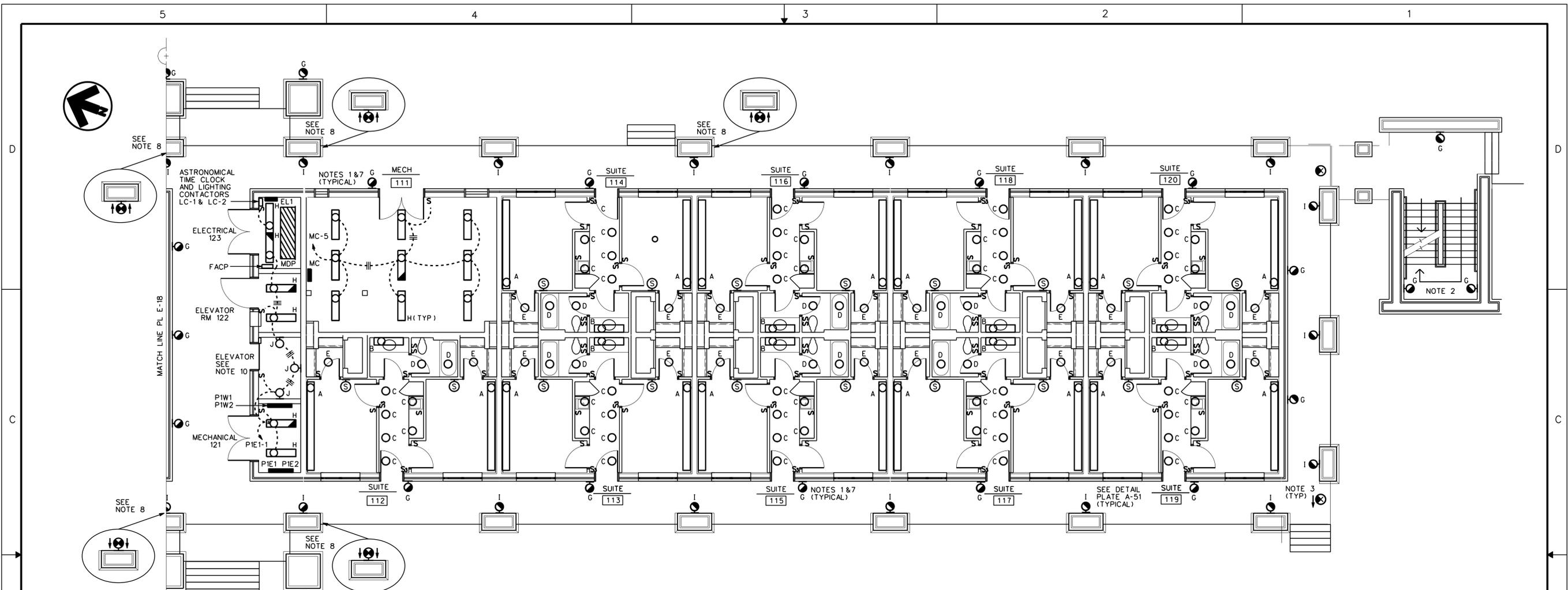








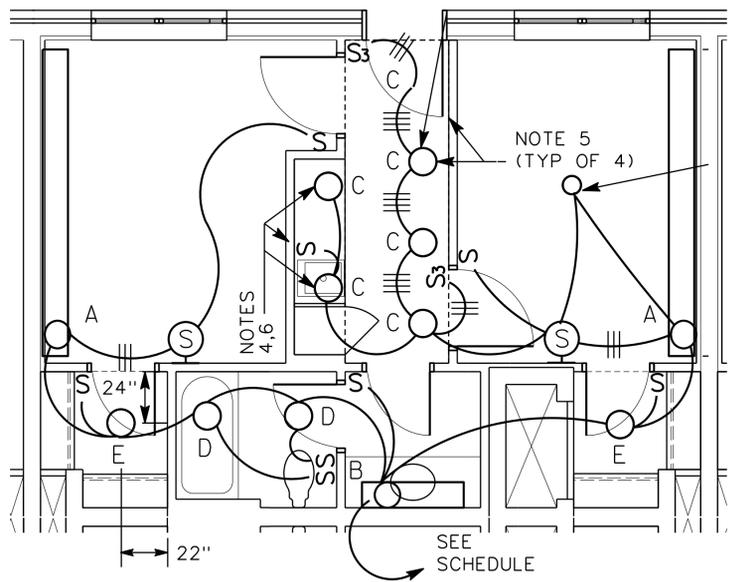
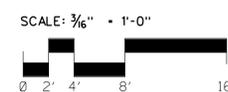
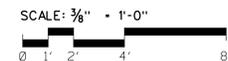




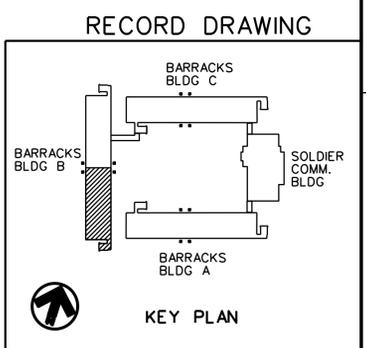
**FIRST FLOOR PLAN**  
SCALE: 3/16" = 1'-0"

- NOTES:
- CONNECT FIXTURES TYPES G & I TO THE AC STANDBY POWER SYSTEM (SPS) VIA A PHOTOCELL CONTROLLED LIGHTING CONTACTOR UNLESS OTHERWISE INDICATED. THE SPS AND CONTACTORS SHALL BE LOCATED IN ROOM 220 (BUILDINGS A AND C) AND ROOM 222 (BUILDING B). THE PHOTOCELL SHALL BE FLUSH MOUNTED ON THE NORTH WALL WHERE INDICATED. SEE THE EXTERIOR LIGHTING CONTROL DIAGRAM. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE #10 AWG.
  - CONNECT TYPE G FIXTURES AT THE STAIRWELL LANDING TO THE AC STANDBY POWER SYSTEM (SPS) WITH #10 CONDUCTORS. FIXTURES SHALL BE UNSWITCHED.
  - CONNECT EXIT LIGHTS TO THE AC STANDBY POWER SYSTEM (SPS) WITH #10 CONDUCTORS. EXIT LIGHTS SHALL BE UNSWITCHED.
  - INSTALL THE INDICATED TYPE C LIGHT FIXTURES IN THE CEILING SOFFIT. SEE PLATE E-47 FOR THE EXACT LOCATION OF FIXTURES.
  - COORDINATE THE INSTALLATION OF THE INDICATED TYPE C FIXTURES WITH THE INSTALLATION OF THE HVAC EQUIPMENT. ALL TYPE C FIXTURES SHALL BE ALIGNED EQUIDISTANT FROM THE LONG WALLS.
  - MOUNT THE CABINET LIGHT SWITCH IN A 2-GANG BOX WITH THE GARBAGE DISPOSAL SWITCH. (INSTALL THE LIGHT SWITCH IN THE GANG NEAREST THE SINK). SEE PLATE E-47 FOR DETAILS.
  - SEE PLATE E-47 FOR MOUNTING LOCATION DETAIL FOR TYPE G FIXTURES AT DOORWAYS.
  - WALL MOUNTED EXIT LIGHTS SHALL BE 7'-6" AFF (MEASURED AT THE FIXTURE CENTER). THE CENTERLINE OF THE FIXTURE SHALL BE ALIGNED WITH THE CENTERLINE OF THE COLUMN.
  - SEE PLATE E-46 FOR THE LIGHTING FIXTURE SCHEDULE.
  - MOUNT THE ELEVATOR HOISTWAY LIGHT SWITCH AT 48" ABOVE THE FIRST FLOOR LINE. MOUNT THE TYPE I FIXTURES AT 42" ABOVE THE ELEVATOR PIT FLOOR LINE.

BLDG B	ROOM NOS.	CIRCUIT NOS.	PANELS
1ST FLOOR	112	P1E1-6	PANEL P1E1 RM 121
	113	P1E1-4	
	115	P1E1-2	
	117	P1E1-5	
	119	P1E1-3	
1ST FLOOR	114	P1E2-4	PANEL P1E2 RM 121
	116	P1E2-2	
	118	P1E2-5	
	120	P1E2-3	



**TYPICAL CIRCUITRY PLAN - SUITE**  
SCALE: 3/16" = 1'-0"



**RECORD DRAWING**

U. S. ARMY ENGINEER DISTRICT, SAVANNAH  
CORPS OF ENGINEERS  
SAVANNAH, GEORGIA

BARRACKS RENEWAL KELLEY HILL NO. 2  
BARRACKS BUILDING B  
**FIRST WING - LIGHTING**

FORT BENNING, GEORGIA

SIZE	SOLICITATION NO.	FILE NO.	PLATE
F	DACA21-96-B-0050	721-11-09	E-19

SCALE: AS SHOWN SHEET 299

SYMBOL	ZONE	DESCRIPTION	REVISIONS	DATE	BY
	AS BUILT				











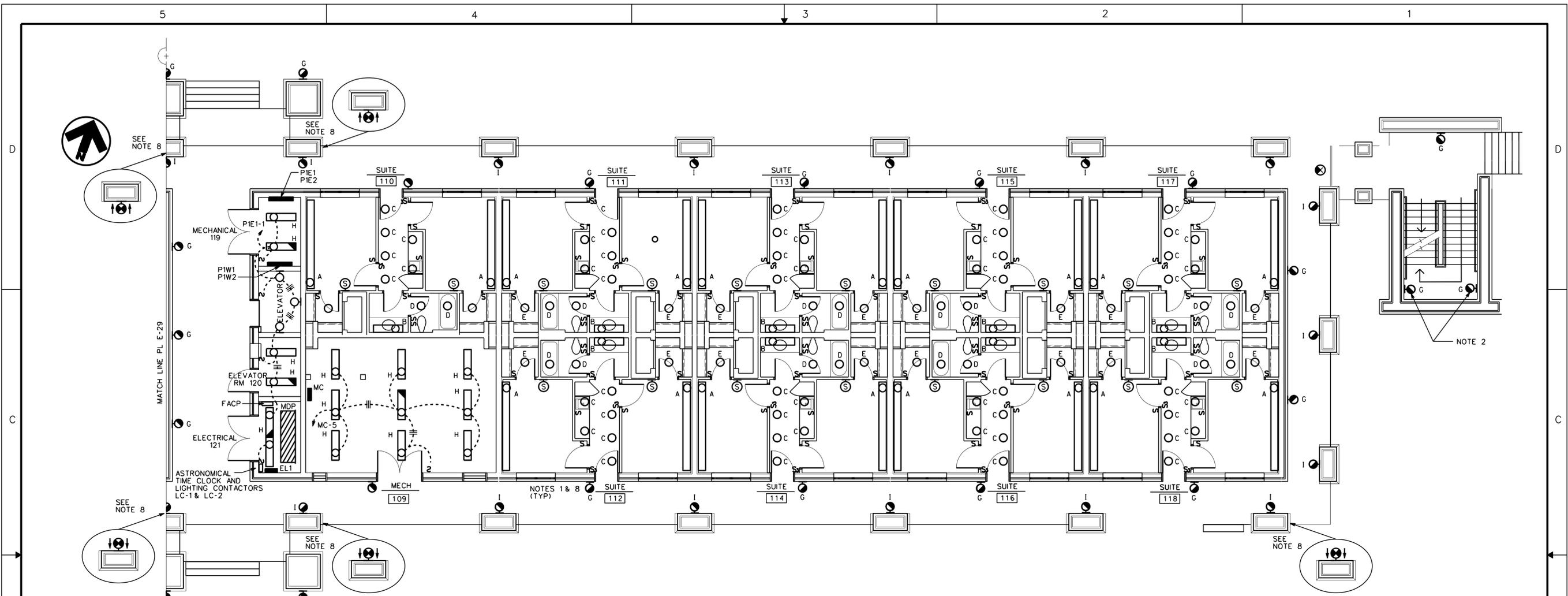








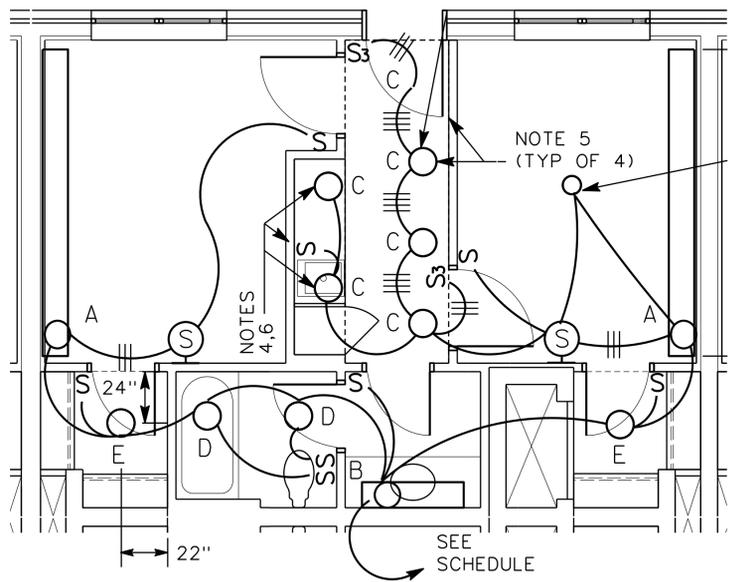




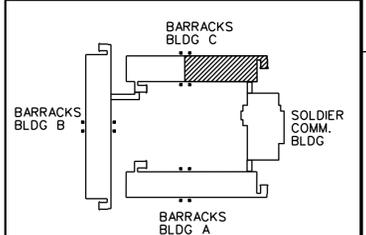
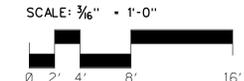
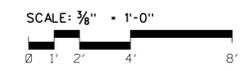
**FIRST FLOOR PLAN**  
SCALE: 3/16" = 1'-0"

- NOTES:
1. CONNECT FIXTURES TYPES G & I TO THE AC STANDBY POWER SYSTEM (SPS) VIA A PHOTOCELL CONTROLLED LIGHTING CONTACTOR UNLESS OTHERWISE INDICATED. THE SPS AND CONTACTORS SHALL BE LOCATED IN ROOM 220 (BUILDINGS A AND C) AND ROOM 222 (BUILDING B). THE PHOTOCELL SHALL BE FLUSH MOUNTED ON THE NORTH WALL WHERE INDICATED. SEE THE EXTERIOR LIGHTING CONTROL DIAGRAM. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE #10 AWG.
  2. CONNECT TYPE G FIXTURES AT THE STARWELL LANDING TO THE AC STANDBY POWER SYSTEM (SPS) WITH #10 CONDUCTORS. FIXTURES SHALL BE UNSWITCHED.
  3. CONNECT EXIT LIGHTS TO THE AC STANDBY POWER SYSTEM (SPS) WITH #10 CONDUCTORS. EXIT LIGHTS SHALL BE UNSWITCHED.
  4. INSTALL THE INDICATED TYPE C LIGHT FIXTURES IN THE CEILING SOFFIT. SEE PLATE E-47 FOR THE EXACT LOCATION OF FIXTURES.
  5. COORDINATE THE INSTALLATION OF THE INDICATED TYPE C FIXTURES WITH THE INSTALLATION OF THE HVAC EQUIPMENT. ALL TYPE C FIXTURES SHALL BE ALIGNED EQUIDISTANT FROM THE LONG WALLS.
  6. MOUNT THE CABINET LIGHT SWITCH IN A 2-GANG BOX WITH THE GARBAGE DISPOSAL SWITCH. (INSTALL THE LIGHT SWITCH IN THE GANG NEAREST THE SINK). SEE PLATE E-47 FOR DETAILS.
  7. SEE PLATE E-47 FOR MOUNTING LOCATION DETAIL FOR TYPE G FIXTURES AT DOORWAYS.
  8. WALL MOUNTED EXIT LIGHTS SHALL BE 7'-6" AFF (MEASURED AT THE FIXTURE CENTER); THE CENTERLINE OF THE FIXTURE SHALL BE ALIGNED WITH THE CENTERLINE OF THE COLUMN.
  9. SEE PLATE E-46 FOR THE LIGHTING FIXTURE SCHEDULE.
  10. MOUNT THE ELEVATOR HOISTWAY LIGHT SWITCH AT 48" ABOVE THE FIRST FLOOR LINE. MOUNT THE TYPE J FIXTURES AT 42" ABOVE THE ELEVATOR PIT FLOOR LINE.

BLDG C	ROOM NOS.	CIRCUIT NOS.	PANELS
1ST FLOOR	110	P1E1-6	PANEL P1E1 RM 119
	111	P1E1-4	
	113	P1E1-2	
	115	P1E1-5	
	117	P1E1-3	
	112	P1E2-4	PANEL P1E2 RM 119
	114	P1E2-2	
	116	P1E2-5	
	118	P1E2-3	



**TYPICAL CIRCUITRY PLAN - SUITE**  
SCALE: 3/16" = 1'-0"



**KEY PLAN**

**RECORD DRAWING**

SYMBOL	ZONE	DESCRIPTION	DATE	BY
	AS BUILT		28SEP01	JSF

U.S. ARMY ENGINEER DISTRICT, SAVANNAH  
CORPS OF ENGINEERS  
SAVANNAH, GEORGIA

BARRACKS RENEWAL KELLEY HILL NO. 2  
BUILDING C

**RIGHT WING - LIGHTING  
FIRST FLOOR PLAN**

FORT BENNING, GEORGIA

SIZE	SOLICITATION NO.	FILE NO.	DATE	PLATE
F	DACA21-96-B-0050		721-11-09	E-30

SCALE: AS SHOWN SHEET 310

DONSPC\*\*\*\*\*  
\*\*\*\*\*TMC\*\*\*\*\*









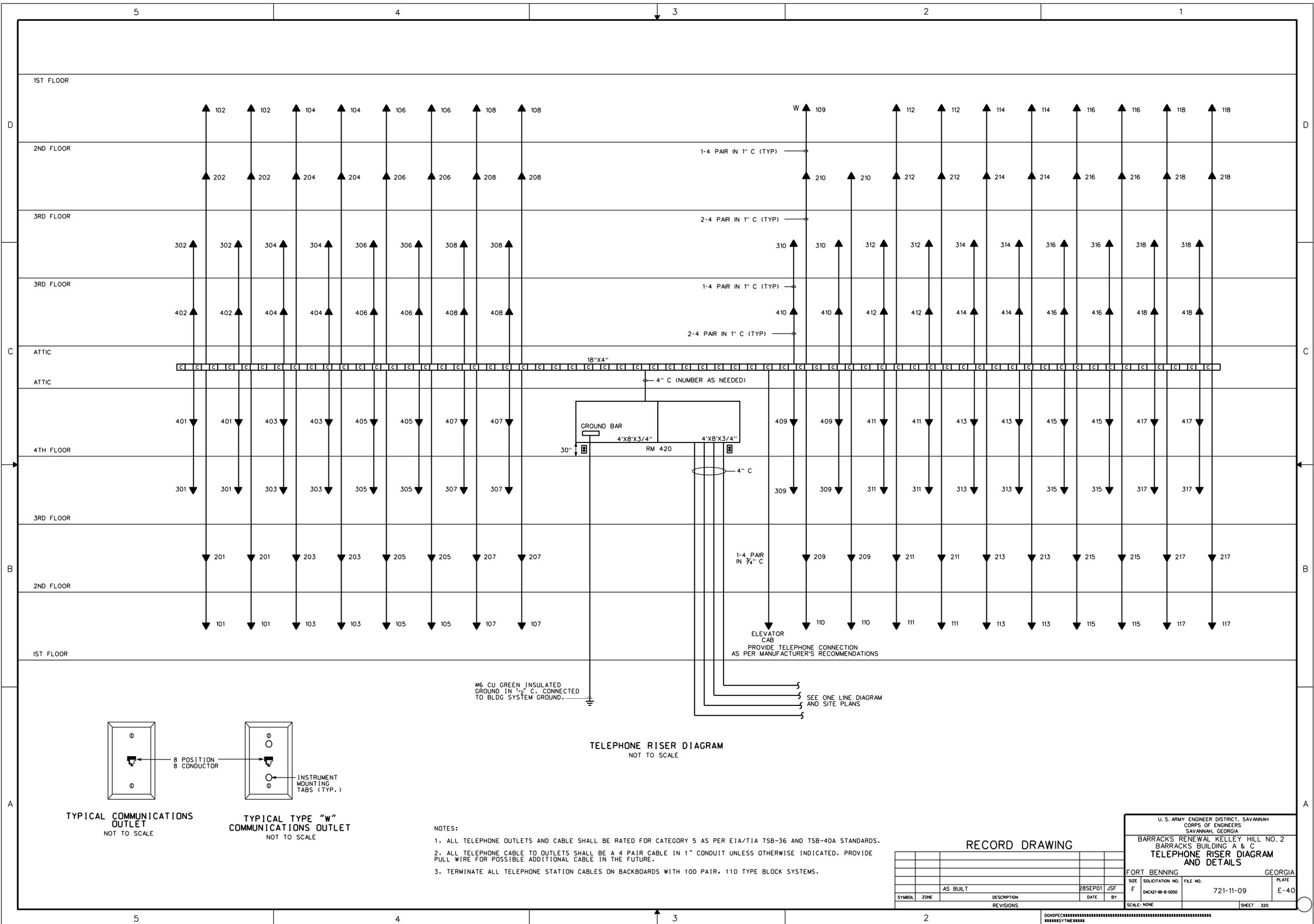




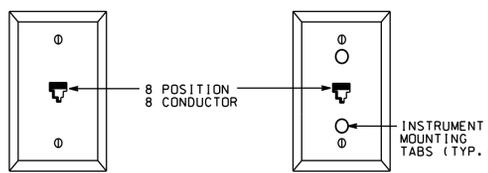








TELEPHONE RISER DIAGRAM  
NOT TO SCALE



TYPICAL COMMUNICATIONS OUTLET  
NOT TO SCALE

TYPICAL TYPE "W" COMMUNICATIONS OUTLET  
NOT TO SCALE

- NOTES:
1. ALL TELEPHONE OUTLETS AND CABLE SHALL BE RATED FOR CATEGORY 5 AS PER EIA/TIA TSB-36 AND TSB-40A STANDARDS.
  2. ALL TELEPHONE CABLE TO OUTLETS SHALL BE A 4 PAIR CABLE IN 1" CONDUIT UNLESS OTHERWISE INDICATED. PROVIDE PULL WIRE FOR POSSIBLE ADDITIONAL CABLE IN THE FUTURE.
  3. TERMINATE ALL TELEPHONE STATION CABLES ON BACKBOARDS WITH 100 PAIR, 110 TYPE BLOCK SYSTEMS.

RECORD DRAWING

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		AS BUILT	28SEP01	JSF

U. S. ARMY ENGINEER DISTRICT, SAVANNAH  
CORPS OF ENGINEERS  
SAVANNAH, GEORGIA

BARRACKS RENEWAL KELLEY HILL NO. 2  
BARRACKS BUILDING A & C  
TELEPHONE RISER DIAGRAM  
AND DETAILS

FORT BENNING GEORGIA

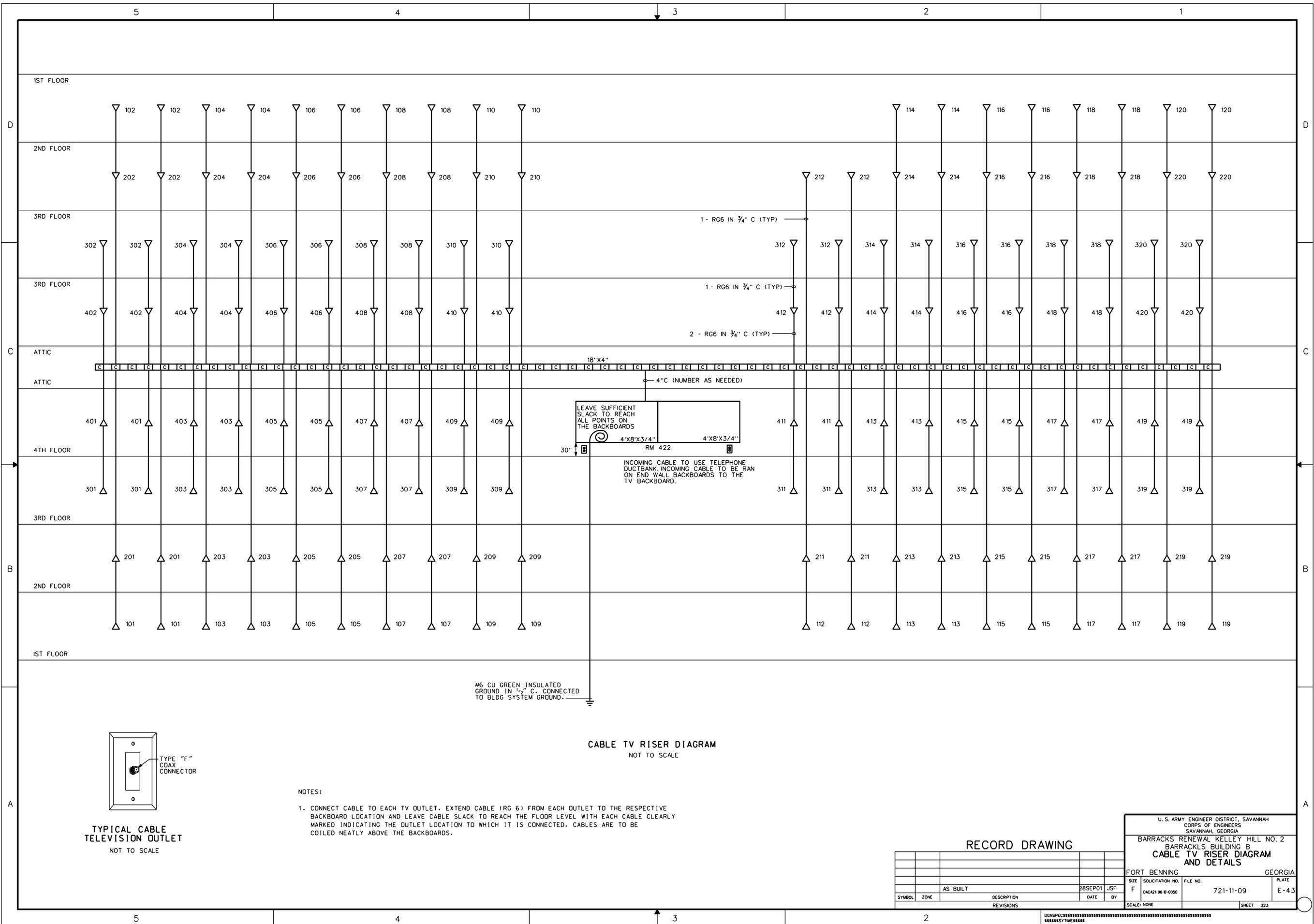
SIZE	SOLICITATION NO.	FILE NO.	PLATE
F	DACA21-96-8-0050	721-11-09	E-40

SCALE: NONE SHEET 320

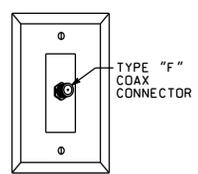
DONSPENCER\*\*\*\*\*







**CABLE TV RISER DIAGRAM**  
NOT TO SCALE



**TYPICAL CABLE TELEVISION OUTLET**  
NOT TO SCALE

- NOTES:**
- CONNECT CABLE TO EACH TV OUTLET. EXTEND CABLE (RG 6) FROM EACH OUTLET TO THE RESPECTIVE BACKBOARD LOCATION AND LEAVE CABLE SLACK TO REACH THE FLOOR LEVEL WITH EACH CABLE CLEARLY MARKED INDICATING THE OUTLET LOCATION TO WHICH IT IS CONNECTED. CABLES ARE TO BE COILED NEATLY ABOVE THE BACKBOARDS.

**RECORD DRAWING**

SYMBOL	ZONE	DESCRIPTION	DATE	BY	REVISIONS
		AS BUILT	28SEP01	JSF	

U. S. ARMY ENGINEER DISTRICT, SAVANNAH  
CORPS OF ENGINEERS  
SAVANNAH, GEORGIA

BARRACKS RENEWAL KELLEY HILL NO. 2  
BARRACKS BUILDING B  
**CABLE TV RISER DIAGRAM AND DETAILS**

FORT BENNING GEORGIA

SIZE F	SOLICITATION NO. DAC21-96-8-0050	FILE NO. 721-11-09	PLATE E-43
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SCALE: NONE SHEET 323

DONSPEC#####









PANEL P1W1 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MCB  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	BRANCH CIRCUIT DESCRIPTION	DEVI TRIP
			NO	PHASE A	PHASE B			
20 1	SPARE	500 1	1500			2 1000	SPARE	1 20
20 1	LTG 107	750 3		1500		4 750	LTG 103	1 20
20 1	LTG 105	750 5			1500	6 750	LTG 101	1 20
20 1	RECEPT 107	1260 7	2520			8 1260	RECEPT 103	1 20
20 1	RECEPT 107	1260 9		2520		10 1260	RECEPT 103	1 20
20 1	APPLIANCE 107	1200 11			2400	12 1200	APPLIANCE 103	1 20
20 1	APPLIANCE 107	1200 13	2400			14 1200	APPLIANCE 103	1 20
20 1	RECEPT 105	1260 15		2520		16 1260	RECEPT 101	1 20
20 1	RECEPT 105	1260 17			2520	18 1260	RECEPT 101	1 20
20 1	APPLIANCE 105	1200 19	2400			20 1200	APPLIANCE 101	1 20
20 1	APPLIANCE 105	1200 21		2400		22 1200	APPLIANCE 101	1 20
20 1	VAV SW	1500 23			2500	24 1000	SPARE	1 20
	SPACE	25				26	SPACE	
	"	27				28	"	
	"	29				30	"	
	"	31				32	"	
	"	33				34	"	
	"	35				36	"	
	"	37				38	"	
	"	39				40	"	
	"	41				42	"	
TOTAL			8820	8940	8920	CONNECTED DEMAND	26.680 KVA 18.000 KVA	

PANEL P1W2 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MLD  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	BRANCH CIRCUIT DESCRIPTION	DEVI TRIP
			NO	PHASE A	PHASE B			
20 1	UNIT HEATER	720 1	1470			2 750	SPARE	1 20
20 1	LTG 108	750 3		1500		4 750	LTG 104	1 20
20 1	LTG 106	750 5			1500	6 750	LTG 102	1 20
20 1	RECEPT 108	1260 7	2520			8 1260	RECEPT 104	1 20
20 1	RECEPT 108	1260 9		2520		10 1260	RECEPT 104	1 20
20 1	APPLIANCE 108	1200 11			2400	12 1200	APPLIANCE 104	1 20
20 1	APPLIANCE 108	1200 13	2400			14 1200	APPLIANCE 104	1 20
20 1	RECEPT 106	1260 15		2520		16 1260	RECEPT 102	1 20
20 1	RECEPT 106	1260 17			2520	18 1260	RECEPT 102	1 20
20 1	APPLIANCE 106	1200 19	2400			20 1200	APPLIANCE 102	1 20
20 1	APPLIANCE 106	1200 21		2400		22 1200	APPLIANCE 102	1 20
20 1	VAV NW	1200 23			2400	24 1200	SPARE	1 20
	SPACE	25				26	SPACE	
	"	27				28	"	
	"	29				30	"	
	"	31				32	"	
	"	33				34	"	
	"	35				36	"	
	"	37				38	"	
	"	39				40	"	
	"	41				42	"	
TOTAL			8790	8940	8820	CONNECTED DEMAND	26.550 KVA 18.000 KVA	

PANEL P1E1 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MCB  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	BRANCH CIRCUIT DESCRIPTION	DEVI TRIP
			NO	PHASE A	PHASE B			
20 1	RMS 119-122	750 1	1500			2 750	LTG 113	1 20
20 1	LTG 117	750 3		1500		4 750	LTG 111	1 20
20 1	LTG 115	750 5			1500	6 750	LTG 110	1 20
20 1	RECEPT 117	1260 7	2520			8 1260	RECEPT 113	1 20
20 1	RECEPT 117	1260 9		2520		10 1260	RECEPT 113	1 20
20 1	APPLIANCE 117	1200 11			2400	12 1200	APPLIANCE 113	1 20
20 1	APPLIANCE 117	1200 13	2400			14 1200	APPLIANCE 113	1 20
20 1	RECEPT 115	1260 15		2520		16 1260	RECEPT 111	1 20
20 1	RECEPT 115	1260 17			2520	18 1260	RECEPT 111	1 20
20 1	APPLIANCE 115	1200 19	2400			20 1200	APPLIANCE 111	1 20
20 1	VAV SE	1200 21		2400		22 1200	APPLIANCE 111	1 20
20 1	SPARE	1200 23			2460	24 1260	RECEPT 110	1 20
	SPACE	25	1260			26 1260	RECEPT 110	1 20
	"	27		1200		28 1200	APPLIANCE 110	1 20
	"	29			1200	30 1200	APPLIANCE 110	1 20
	"	31				32	SPACE	
	"	33				34	"	
	"	35				36	"	
	"	37				38	"	
	"	39				40	"	
	"	41				42	"	
TOTAL			10080	10140	10080	CONNECTED DEMAND	30.300 KVA 18.000 KVA	

NOTE:  
 MINIMUM INTERRUPTING CAPACITIES ARE BASED ON DESIGN FAULT CALCULATIONS ASSUMING TRANSFORMER IMPEDANCES & FEEDER SIZES INDICATED ON ELECTRICAL RISER DIAGRAM. THE COORDINATION STUDY REQUIRED IN THE SPECIFICATIONS SHALL USE DATA FROM INSTALLED EQUIPMENT AND FEEDERS. DEVICE INTERRUPT RATINGS AND BRACING SHALL BE ADJUSTED TO MEET SHORT CIRCUIT CURRENTS DETERMINED FROM COORDINATION STUDY.

PANEL P1E2 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MLD  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	BRANCH CIRCUIT DESCRIPTION	DEVI TRIP
			NO	PHASE A	PHASE B			
20 1	REC BALCONY W & BRZWAY	720 1	1470			2 750	LTG 114	1 20
20 1	LTG 118	750 3		1500		4 750	LTG 112	1 20
20 1	LTG 116	750 5			1500	6 750	SPARE	1 20
20 1	RECEPT 118	1260 7	2520			8 1260	RECEPT 114	1 20
20 1	RECEPT 118	1260 9		2520		10 1260	RECEPT 114	1 20
20 1	APPLIANCE 118	1200 11			2400	12 1200	APPLIANCE 114	1 20
20 1	APPLIANCE 118	1200 13	2400			14 1200	APPLIANCE 114	1 20
20 1	RECEPT 116	1260 15		2520		16 1260	RECEPT 112	1 20
20 1	RECEPT 116	1260 17			2520	18 1260	RECEPT 112	1 20
20 1	APPLIANCE 116	1200 19	2400			20 1200	APPLIANCE 112	1 20
20 1	APPLIANCE 116	1200 21		2400		22 1200	APPLIANCE 112	1 20
20 1	VAV NE	1500 23			2700	24 1200	SPARE	1 20
20 1	SPARE	250 25	250			26	SPACE	
	SPACE	27				28	"	
	"	29				30	"	
	"	31				32	"	
	"	33				34	"	
	"	35				36	"	
	"	37				38	"	
	"	39				40	"	
	"	41				42	"	
TOTAL			9040	8940	9120	CONNECTED DEMAND	27.100 KVA 18.000 KVA	

PANEL P2W1 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MCB  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 30,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	BRANCH CIRCUIT DESCRIPTION	DEVI TRIP
			NO	PHASE A	PHASE B			
20 1	SPARE	250 1	500			2 250	SPARE	1 20
20 1	LTG 207	750 3		1500		4 750	LTG 203	1 20
20 1	LTG 205	750 5			1500	6 750	LTG 201	1 20
20 1	RECEPT 207	1260 7	2520			8 1260	RECEPT 203	1 20
20 1	RECEPT 207	1260 9		2520		10 1260	RECEPT 203	1 20
20 1	APPLIANCE 207	1200 11			2400	12 1200	APPLIANCE 203	1 20
20 1	APPLIANCE 207	1200 13	2400			14 1200	APPLIANCE 203	1 20
20 1	RECEPT 205	1260 15		2520		16 1260	RECEPT 201	1 20
20 1	RECEPT 205	1260 17			2520	18 1260	RECEPT 201	1 20
20 1	APPLIANCE 205	1200 19	2400			20 1200	APPLIANCE 201	1 20
20 1	APPLIANCE 205	1200 21		2400		22 1200	APPLIANCE 201	1 20
20 1	VAV SW	714 23			2214	24 1500	SPARE	1 20
20 1	SPARE	714 25	714			26	SPACE	
	SPACE	27				28	"	
	"	29				30	"	
	"	31				32	"	
	"	33				34	"	
	"	35				36	"	
	"	37				38	"	
	"	39				40	"	
	"	41				42	"	
TOTAL			8534	8940	8634	CONNECTED DEMAND	26.108 KVA 18.000 KVA	

PANEL P2W2 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MLD  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 30,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	BRANCH CIRCUIT DESCRIPTION	DEVI TRIP
			NO	PHASE A	PHASE B			
20 1	RECEPT BALCONY W & BRZWAY	720 1	1470			2 250	SPARE	1 20
20 1	LTG 208	750 3		1500		4 750	LTG 204	1 20
20 1	LTG 206	750 5			1500	6 750	LTG 202	1 20
20 1	RECEPT 208	1260 7	2520			8 1260	RECEPT 204	1 20
20 1	RECEPT 208	1260 9		2520		10 1260	RECEPT 204	1 20
20 1	APPLIANCE 208	1200 11			2400	12 1200	APPLIANCE 204	1 20
20 1	APPLIANCE 208	1200 13	2400			14 1200	APPLIANCE 204	1 20
20 1	RECEPT 206	1260 15		2520		16 1260	RECEPT 202	1 20
20 1	RECEPT 206	1260 17			2520	18 1260	RECEPT 202	1 20
20 1	APPLIANCE 206	1200 19	2400			20 1200	APPLIANCE 202	1 20
20 1	APPLIANCE 206	1200 21		2400		22 1200	APPLIANCE 202	1 20
20 1	VAV NW	1500 23			1500	24	SPACE	
	SPACE	25				26	"	
	"	27				28	"	
	"	29				30	"	
	"	31				32	"	
	"	33				34	"	
	"	35				36	"	
	"	37				38	"	
	"	39				40	"	
	"	41				42	"	
TOTAL			8290	8940	7920	CONNECTED DEMAND	25.150 KVA 18.000 KVA	

PANEL P2E1 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MCB  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 30,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	BRANCH CIRCUIT DESCRIPTION	DEVI TRIP
			NO	PHASE A	PHASE B			
20 1	RMS 221-223	900 1	1650			2 750	LTG 213	1 20
20 1	LTG 217	750 3		1500		4 750	LTG 211	1 20
20 1	LTG 215	750 5			1500	6 750	LTG 209	1 20
20 1	RECEPT 217	1260 7	2520			8 1260	RECEPT 213	1 20
20 1	RECEPT 217	1260 9		2520		10 1260	RECEPT 213	1 20
20 1	APPLIANCE 217	1200 11			2400	12 1200	APPLIANCE 213	1 20
20								

PANEL P3W2		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 30,000		TYPE MCB		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	AMPS	TRIP P
20	1	RECEPT BALCONY WEST BREEZEWAY	720	1	1470	1
20	1	LTG 308	750	3	1500	1
20	1	LTG 306	750	5	1500	1
20	1	RECEPT 308	1260	7	2520	1
20	1	RECEPT 308	1260	9	2520	1
20	1	APPLIANCE 308	1200	11	2400	1
20	1	APPLIANCE 308	1200	13	2400	1
20	1	RECEPT 306	1260	15	2520	1
20	1	RECEPT 306	1260	17	2520	1
20	1	APPLIANCE 306	1200	19	2400	1
20	1	APPLIANCE 306	1200	21	2400	1
20	1	VAV NW	1200	23	2400	1
		SPACE		25		
		"		27		
		"		29		
		"		31		
		"		33		
		"		35		
		"		37		
		"		39		
		"		41		
TOTAL			8790	8940	8820	
		CONNECTED DEMAND	26.550		KVA	
			18.000		KVA	

PANEL P3E1		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 30,000		TYPE MCB		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	AMPS	TRIP P
20	1	RECEP BAL & BREEZ.	900	1	1650	1
20	1	LTG 317	750	3	1500	1
20	1	LTG 315	750	5	1500	1
20	1	RECEPT 317	1260	7	2520	1
20	1	RECEPT 317	1260	9	2520	1
20	1	APPLIANCE 317	1200	11	2400	1
20	1	APPLIANCE 317	1200	13	2400	1
20	1	RECEPT 315	1260	15	2520	1
20	1	RECEPT 315	1260	17	2520	1
20	1	APPLIANCE 315	1200	19	2400	1
20	1	APPLIANCE 315	1200	21	2400	1
20	1	VAV SE	1200	23	2400	1
		SPACE		25		
		"		27		
		"		29		
		"		31		
		"		33		
		"		35		
		"		37		
		"		39		
		"		41		
TOTAL			10230	10140	10080	
		CONNECTED DEMAND	30.450		KVA	
			21.000		KVA	

PANEL P3E2		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 30,000		TYPE MCB		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	AMPS	TRIP P
20	1	RM 319-321	720	1	1470	1
20	1	LTG 318	750	3	1500	1
20	1	LTG 316	750	5	1500	1
20	1	RECEPT 318	1260	7	2520	1
20	1	RECEPT 318	1260	9	2520	1
20	1	APPLIANCE 318	1200	11	2400	1
20	1	APPLIANCE 318	1200	13	2400	1
20	1	RECEPT 316	1260	15	2520	1
20	1	RECEPT 316	1260	17	2520	1
20	1	APPLIANCE 316	1200	19	2400	1
20	1	APPLIANCE 316	1200	21	2400	1
20	1	VAV NE	1200	23	2400	1
		SPACE		25		
		"		27		
		"		29		
		"		31		
		"		33		
		"		35		
		"		37		
		"		39		
		"		41		
TOTAL			10050	10140	10080	
		CONNECTED DEMAND	30.270		KVA	
			21.000		KVA	

PANEL P4W1		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000		TYPE MCB		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	AMPS	TRIP P
20	1	RECEPT BREEZEWAY	750	1	1000	1
20	1	LTG 407	750	3	1500	1
20	1	LTG 405	750	5	1500	1
20	1	RECEPT 407	1260	7	2520	1
20	1	RECEPT 407	1260	9	2520	1
20	1	APPLIANCE 407	1200	11	2400	1
20	1	APPLIANCE 407	1200	13	2400	1
20	1	RECEPT 405	1260	15	2520	1
20	1	RECEPT 405	1260	17	2520	1
20	1	APPLIANCE 405	1200	19	2400	1
20	1	APPLIANCE 405	1200	21	2400	1
20	1	VAV SW	1000	23	2200	1
20	1	RECEPT BALCONY	1000	25	1000	1
		SPACE		27		
		"		29		
		"		31		
		"		33		
		"		35		
		"		37		
		"		39		
		"		41		
TOTAL			9320	9654	9334	
		CONNECTED DEMAND	28.308		KVA	
			21.000		KVA	

PANEL P4W2		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000		TYPE MCB		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	AMPS	TRIP P
20	1	RECEP BAL EAST	720	1	1470	1
20	1	LTG 408	750	3	1500	1
20	1	LTG 406	750	5	1500	1
20	1	RECEPT 408	1260	7	2520	1
20	1	RECEPT 408	1260	9	2520	1
20	1	APPLIANCE 408	1200	11	2400	1
20	1	APPLIANCE 408	1200	13	2400	1
20	1	RECEPT 406	1260	15	2520	1
20	1	RECEPT 406	1260	17	2520	1
20	1	APPLIANCE 406	1200	19	2400	1
20	1	APPLIANCE 406	1200	21	2400	1
20	1	VAV NW	1200	23	2400	1
		SPACE		25		
		"		27		
		"		29		
		"		31		
		"		33		
		"		35		
		"		37		
		"		39		
		"		41		
TOTAL			8790	8940	8820	
		CONNECTED DEMAND	26.550		KVA	
			18.000		KVA	

PANEL P4E1		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000		TYPE MCB		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	AMPS	TRIP P
20	1	BAL. W. & BREEZEWAY	900	1	1650	1
20	1	LTG 417	750	3	1500	1
20	1	LTG 415	750	5	1500	1
20	1	RECEPT 417	1260	7	2520	1
20	1	RECEPT 417	1260	9	2520	1
20	1	APPLIANCE 417	1200	11	2400	1
20	1	APPLIANCE 417	1200	13	2400	1
20	1	RECEPT 415	1260	15	2520	1
20	1	RECEPT 415	1260	17	2520	1
20	1	APPLIANCE 415	1200	19	2400	1
20	1	APPLIANCE 415	1200	21	2400	1
20	1	VAV NE	1200	23	2400	1
		SPACE		25		
		"		27		
		"		29		
		"		31		
		"		33		
		"		35		
		"		37		
		"		39		
		"		41		
TOTAL			10230	10140	10080	
		CONNECTED DEMAND	30.450		KVA	
			21.000		KVA	

PANEL P4E2		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000		TYPE MCB		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	AMPS	TRIP P
20	1	RM 419-LTG 420	720	1	1470	1
20	1	LTG 418	750	3	1500	1
20	1	LTG 416	750	5	1500	1
20	1	RECEPT 418	1260	7	2520	1
20	1	RECEPT 418	1260	9	2520	1
20	1	APPLIANCE 418	1200	11	2400	1
20	1	APPLIANCE 418	1200	13	2400	1
20	1	RECEPT 416	1260	15	2520	1
20	1	RECEPT 416	1260	17	2520	1
20	1	APPLIANCE 416	1200	19	2400	1
20	1	APPLIANCE 416	1200	21	2400	1
20	1	VAV SE	1200	23	2400	1
20	1	TEL 420	25	1260	24	1260
20	1	TV RECEPT	27	1200	28	1200
		"		29	1200	
		"		31	1200	
		"		33	1200	
		"		35	1200	
		"		37	1200	
		"		39	1200	
		"		41	1200	
TOTAL			10050	10140	10080	
		CONNECTED DEMAND	30.270		KVA	
			21.000		KVA	

PANEL AT1		TYPE SURFACE	
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PANEL P1W1 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MCB  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	DESCRIPTI P	TRIP
			NO	PHASE A	PHASE B			
20 1	UH-8	500 1	1250			2 750	LTG 105	1 20
20 1	LTG 109	750 3		1500		4 750	LTG 103	1 20
20 1	LTG 107	750 5			1500	6 750	LTG 101	1 20
20 1	RECEPT 109	1260 7	2520			8 1260	RECEPT 105	1 20
20 1	RECEPT 109	1260 9		2520		10 1260	RECEPT 105	1 20
20 1	APPLIANCE 109	1200 11			2400	12 1200	APPLIANCE 105	1 20
20 1	APPLIANCE 109	1200 13	2400			14 1200	APPLIANCE 105	1 20
20 1	RECEPT 107	1260 15		2520		16 1260	RECEPT 103	1 20
20 1	RECEPT 107	1260 17			2520	18 1260	RECEPT 103	1 20
20 1	APPLIANCE 107	1200 19	2400			20 1200	APPLIANCE 103	1 20
20 1	APPLIANCE 107	1200 21		2400		22 1200	APPLIANCE 103	1 20
20 1	VAV NW	1500 23			2760	24 1260	RECEPT 101	1 20
20 1	SPARE	500 25	1760			26 1260	RECEPT 101	1 20
	SPACE			1200		28 1200	APPLIANCE 101	1 20
	"				1200	30 1200	APPLIANCE 101	1 20
	"					32	SPACE	
	"					34	"	
	"					36	"	
	"					38	"	
	"					40	"	
	"					42	"	
TOTAL			10330	10140	10380	CONNECTED DEMAND	30.850 KVA	21.000 KVA

PANEL P1W2 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MLD  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	DESCRIPTI P	TRIP
			NO	PHASE A	PHASE B			
20 1	RECEPT BALCONY NORTH	720 1	1470			2 750	LTG 106	1 20
20 1	LTG 110	750 3		1500		4 750	LTG 104	1 20
20 1	LTG 108	750 5			1500	6 750	LTG 102	1 20
20 1	RECEPT 110	1260 7	2520			8 1260	RECEPT 106	1 20
20 1	RECEPT 110	1260 9		2520		10 1260	RECEPT 106	1 20
20 1	APPLIANCE 110	1200 11			2400	12 1200	APPLIANCE 106	1 20
20 1	APPLIANCE 110	1200 13	2400			14 1200	APPLIANCE 106	1 20
20 1	RECEPT 108	1260 15		2520		16 1260	RECEPT 104	1 20
20 1	RECEPT 108	1260 17			2520	18 1260	RECEPT 104	1 20
20 1	APPLIANCE 108	1200 19	2400			20 1200	APPLIANCE 104	1 20
20 1	APPLIANCE 108	1200 21		2400		22 1200	APPLIANCE 104	1 20
20 1	VAV NE	1500 23			2760	24 1260	RECEPT 102	1 20
20 1	SPARE	500 25	1760			26 1260	RECEPT 102	1 20
	SPACE			1200		28 1200	APPLIANCE 102	1 20
	"				1200	30 1200	APPLIANCE 102	1 20
	"					32	SPACE	
	"					34	"	
	"					36	"	
	"					38	"	
	"					40	"	
	"					42	"	
TOTAL			10550	10140	10380	CONNECTED DEMAND	31.070 KVA	21.000 KVA

PANEL P1E1 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MCB  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	DESCRIPTI P	TRIP
			NO	PHASE A	PHASE B			
20 1	RECEPT & BREEZEWAY	750 1	1500			2 750	LTG 115	1 20
20 1	LTG 119	750 3		1500		4 750	LTG 113	1 20
20 1	LTG 117	750 5			1500	6 750	LTG 111	1 20
20 1	RECEPT 119	1260 7	2520			8 1260	RECEPT 115	1 20
20 1	RECEPT 119	1260 9		2520		10 1260	RECEPT 115	1 20
20 1	APPLIANCE 119	1200 11			2400	12 1200	APPLIANCE 115	1 20
20 1	APPLIANCE 119	1200 13	2400			14 1200	APPLIANCE 115	1 20
20 1	RECEPT 117	1260 15		2520		16 1260	RECEPT 113	1 20
20 1	RECEPT 117	1260 17			2520	18 1260	RECEPT 113	1 20
20 1	APPLIANCE 117	1200 19	2400			20 1200	APPLIANCE 113	1 20
20 1	APPLIANCE 117	1200 21		2400		22 1200	APPLIANCE 113	1 20
20 1	VAV SW	1500 23			2760	24 1260	RECEPT 111	1 20
	SPACE		25	1260		26 1260	RECEPT 111	1 20
	"			1200		28 1200	APPLIANCE 111	1 20
	"				1200	30 1200	APPLIANCE 111	1 20
	"					32	SPACE	
	"					34	"	
	"					36	"	
	"					38	"	
	"					40	"	
	"					42	"	
TOTAL			10080	10140	10380	CONNECTED DEMAND	30.600 KVA	21.000 KVA

NOTE:  
 MINIMUM INTERRUPTING CAPACITIES ARE BASED ON DESIGN FAULT CALCULATIONS ASSUMING TRANSFORMER IMPEDANCES & FEEDER SIZES INDICATED ON ELECTRICAL RISER DIAGRAM. THE COORDINATION STUDY REQUIRED IN THE SPECIFICATIONS SHALL USE DATA FROM INSTALLED EQUIPMENT AND FEEDERS. DEVICE INTERRUPT RATINGS AND BRACING SHALL BE ADJUSTED TO MEET SHORT CIRCUIT CURRENTS DETERMINED FROM COORDINATION STUDY.

PANEL P1E2 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MLD  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	DESCRIPTI P	TRIP
			NO	PHASE A	PHASE B			
20 1	RECEPT BALCONY SOUTH	720 1	1470			2 750	LTG 116	1 20
20 1	LTG 120	750 3		1500		4 750	LTG 114	1 20
20 1	LTG 118	750 5			2250	6 1500	SPARE	1 20
20 1	RECEPT 120	1260 7	2520			8 1260	RECEPT 116	1 20
20 1	RECEPT 120	1260 9		2520		10 1260	RECEPT 116	1 20
20 1	APPLIANCE 120	1200 11			2400	12 1200	APPLIANCE 116	1 20
20 1	APPLIANCE 120	1200 13	2400			14 1200	APPLIANCE 116	1 20
20 1	RECEPT 118	1260 15		2520		16 1260	RECEPT 114	1 20
20 1	RECEPT 118	1260 17			2520	18 1260	RECEPT 114	1 20
20 1	APPLIANCE 118	1200 19	2400			20 1200	APPLIANCE 114	1 20
20 1	APPLIANCE 118	1200 21		2400		22 1200	APPLIANCE 114	1 20
20 1	VAV SE	1500 23			1500	24	SPACE	
20 1	SPACE		25	250		26	"	
	"					28	"	
	"					30	"	
	"					32	"	
	"					34	"	
	"					36	"	
	"					38	"	
	"					40	"	
	"					42	"	
TOTAL			9040	8940	8670	CONNECTED DEMAND	26.650 KVA	21.000 KVA

PANEL P2W1 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MCB  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 30,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	DESCRIPTI P	TRIP
			NO	PHASE A	PHASE B			
20 1	SPARE	750 1	1500			2 750	LTG 205	1 20
20 1	LTG 209	750 3		1500		4 750	LTG 203	1 20
20 1	LTG 207	750 5			1500	6 750	LTG 201	1 20
20 1	RECEPT 209	1260 7	2520			8 1260	RECEPT 205	1 20
20 1	RECEPT 209	1260 9		2520		10 1260	RECEPT 205	1 20
20 1	APPLIANCE 209	1200 11			2400	12 1200	APPLIANCE 205	1 20
20 1	APPLIANCE 209	1200 13	2400			14 1200	APPLIANCE 205	1 20
20 1	RECEPT 207	1260 15		2520		16 1260	RECEPT 203	1 20
20 1	RECEPT 207	1260 17			2520	18 1260	RECEPT 203	1 20
20 1	APPLIANCE 207	1200 19	2400			20 1200	APPLIANCE 203	1 20
20 1	APPLIANCE 207	1200 21		2400		22 1200	APPLIANCE 203	1 20
20 1	VAV NW	714 23			1974	24 1260	RECEPT 201	1 20
20 1	SPARE	714 25	1974			26 1260	RECEPT 201	1 20
20 1	SPARE	800 27		2000		28 1200	APPLIANCE 201	1 20
20 1	SPARE	1200 29			2400	30 1200	APPLIANCE 201	1 20
	SPACE					32	SPACE	
	"					34	"	
	"					36	"	
	"					38	"	
	"					40	"	
	"					42	"	
TOTAL			10794	10940	10794	CONNECTED DEMAND	32.528 KVA	21.000 KVA

PANEL P2W2 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MLD  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 30,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	DESCRIPTI P	TRIP
			NO	PHASE A	PHASE B			
20 1	RECEPT BALCONY	720 1	1470			2 750	LTG 206	1 20
20 1	LTG 210	750 3		1500		4 750	LTG 204	1 20
20 1	LTG 208	750 5			1500	6 750	LTG 202	1 20
20 1	RECEPT 210	1260 7	2520			8 1260	RECEPT 206	1 20
20 1	RECEPT 210	1260 9		2520		10 1260	RECEPT 206	1 20
20 1	APPLIANCE 210	1200 11			2400	12 1200	APPLIANCE 206	1 20
20 1	APPLIANCE 210	1200 13	2400			14 1200	APPLIANCE 206	1 20
20 1	RECEPT 208	1260 15		2520		16 1260	RECEPT 204	1 20
20 1	RECEPT 208	1260 17			2520	18 1260	RECEPT 204	1 20
20 1	APPLIANCE 208	1200 19	2400			20 1200	APPLIANCE 204	1 20
20 1	APPLIANCE 208	1200 21		2400		22 1200	APPLIANCE 204	1 20
20 1	VAV NE	1200 23			2460	24 1260	RECEPT 202	1 20
	SPACE		25	1260		26 1260	RECEPT 202	1 20
	"			1200		28 1200	APPLIANCE 202	1 20
	"				1200	30 1200	APPLIANCE 202	1 20
	"					32	SPACE	
	"					34	"	
	"					36	"	
	"					38	"	
	"					40	"	
	"					42	"	
TOTAL			10050	10140	10080	CONNECTED DEMAND	30.270 KVA	21.000 KVA

PANEL P2E1 TYPE SURFACE MAIN BUS RATING 225  
 MAIN BREAKER: NO OF POLES 3 FRAME 225 TRIP 225 TYPE MCB  
 VOLTAGE 208/120 MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 30,000

DEVI TRIP	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	PHASE LOAD VOLT-AMPS			VOLT AMPS	DESCRIPTI P	TRIP
			NO	PHASE A	PHASE B			
20 1	RECEPT BREEZEWAY	900 1	1650			2 750	LTG 215	1 20
20 1	LTG 219	750 3		1500		4 750	LTG 213	1 20
20 1	LTG 217	750 5			1500	6 750	LTG 211	1 20
20 1	RECEPT 219	1260 7	2520			8 1260	RECEPT 215	1 20

PANEL P3W2		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 30,000		TYPE MLD		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	NO	AMPS
20 1	RECEPT BALCONY	720	1	1470	2	750
20 1	LTG 310	750	3	1500	4	750
20 1	LTG 308	750	5	1500	6	750
20 1	RECEPT 310	1260	7	2520	8	1260
20 1	RECEPT 310	1260	9	2520	10	1260
20 1	APPLIANCE 310	1200	11	2400	12	1200
20 1	APPLIANCE 310	1200	13	2400	14	1200
20 1	RECEPT 308	1260	15	2520	16	1260
20 1	RECEPT 308	1260	17	2520	18	1260
20 1	APPLIANCE 308	1200	19	2400	20	1200
20 1	APPLIANCE 308	1200	21	2400	22	1200
20 1	SPARE	1500	23	2760	24	1260
20 1	SPARE	500	25	1760	26	1260
	SPACE		27	1200	28	1200
	"		29	1200	30	1200
	"		31		32	
	"		33		34	
	"		35		36	
	"		37		38	
	"		39		40	
	"		41		42	
TOTAL		10550	10140	10380	CONNECTED DEMAND	31.070 KVA

PANEL P3E1		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 30,000		TYPE MCB		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	NO	AMPS
20 1	RMS 321-323	900	1	1650	2	750
20 1	LTG 319	750	3	1500	4	750
20 1	LTG 317	750	5	1500	6	750
20 1	RECEPT 319	1260	7	2520	8	1260
20 1	RECEPT 319	1260	9	2520	10	1260
20 1	APPLIANCE 319	1200	11	2400	12	1200
20 1	APPLIANCE 319	1200	13	2400	14	1200
20 1	RECEPT 317	1260	15	2520	16	1260
20 1	RECEPT 317	1260	17	2520	18	1260
20 1	APPLIANCE 317	1200	19	2400	20	1200
20 1	APPLIANCE 317	1200	21	2400	22	1200
20 1	VAV SE	1500	23	2760	24	1260
20 1	VAV SW	500	25	1760	26	1260
	SPACE		27	1200	28	1200
	"		29	1200	30	1200
	"		31		32	
	"		33		34	
	"		35		36	
	"		37		38	
	"		39		40	
	"		41		42	
TOTAL		10730	10140	10380	CONNECTED DEMAND	31.250 KVA

PANEL P3E2		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 30,000		TYPE MLD		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	NO	AMPS
20 1	LTG 320	750	3	1500	4	750
20 1	LTG 318	750	5	1500	6	750
20 1	RECEPT 320	1260	7	2520	8	1260
20 1	RECEPT 320	1260	9	2520	10	1260
20 1	APPLIANCE 320	1200	11	2400	12	1200
20 1	APPLIANCE 320	1200	13	2400	14	1200
20 1	RECEPT 318	1260	15	2520	16	1260
20 1	RECEPT 318	1260	17	2520	18	1260
20 1	APPLIANCE 318	1200	19	2400	20	1200
20 1	APPLIANCE 318	1200	21	2400	22	1200
20 1	VAV NW	1500	23	2760	24	1260
20 1	VAV NE	500	25	1760	26	1260
	SPACE		27	1200	28	1200
	"		29	1200	30	1200
	"		31		32	
	"		33		34	
	"		35		36	
	"		37		38	
	"		39		40	
	"		41		42	
TOTAL		10550	10140	10380	CONNECTED DEMAND	31.070 KVA

PANEL P4W1		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000		TYPE MLD		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	NO	AMPS
20 1	RECEPT BREEZEWAY	750	1	1500	2	750
20 1	LTG 410	750	3	1500	4	750
20 1	LTG 408	750	5	1500	6	750
20 1	RECEPT 410	1260	7	2520	8	1260
20 1	RECEPT 410	1260	9	2520	10	1260
20 1	APPLIANCE 410	1200	11	2400	12	1200
20 1	APPLIANCE 410	1200	13	2400	14	1200
20 1	RECEPT 408	1260	15	2520	16	1260
20 1	RECEPT 408	1260	17	2520	18	1260
20 1	APPLIANCE 408	1200	19	2400	20	1200
20 1	APPLIANCE 408	1200	21	2400	22	1200
20 1		1000	23	2260	24	1260
20 1		1000	25	2260	26	1260
	SPACE		27	1914	28	1200
	"		29	1914	30	1200
	"		31	500	32	
	"		33	1000	34	
	"		35	1000	36	
	"		37	1000	38	
	"		39		40	
	"		41		42	
TOTAL		11580	11854	11594	CONNECTED DEMAND	35.028 KVA

PANEL P4W2		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000		TYPE MCB		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	NO	AMPS
20 1	LTG 419	750	3	1470	4	750
20 1	LTG 407	750	5	1500	6	750
20 1	RECEPT 419	1260	7	2520	8	1260
20 1	RECEPT 419	1260	9	2520	10	1260
20 1	APPLIANCE 419	1200	11	2400	12	1200
20 1	APPLIANCE 419	1200	13	2400	14	1200
20 1	RECEPT 407	1260	15	2520	16	1260
20 1	RECEPT 407	1260	17	2520	18	1260
20 1	APPLIANCE 407	1200	19	2400	20	1200
20 1	APPLIANCE 407	1200	21	2400	22	1200
20 1	VAV NE	1500	23	2760	24	1260
20 1	SPARE	500	25	1760	26	1260
20 1	VAV NW	28	27	1200	28	1200
20 1	VAV SE	29	29	1200	30	1200
20 1	SPARE		31		32	
20 1	SPARE		33		34	
20 1	SPARE		35		36	
20 1	VAV SW		37		38	
20 1	SPACE		39		40	
	"		41		42	
TOTAL		10550	10140	10380	CONNECTED DEMAND	31.070 KVA

PANEL P4E1		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000		TYPE MLD		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	NO	AMPS
20 1	RECEPT BALCONY	900	1	1650	2	750
20 1	LTG 419	750	3	1500	4	750
20 1	LTG 417	750	5	1500	6	750
20 1	RECEPT 419	1260	7	2520	8	1260
20 1	RECEPT 419	1260	9	2520	10	1260
20 1	APPLIANCE 419	1200	11	2400	12	1200
20 1	APPLIANCE 419	1200	13	2400	14	1200
20 1	RECEPT 417	1260	15	2520	16	1260
20 1	RECEPT 417	1260	17	2520	18	1260
20 1	APPLIANCE 417	1200	19	2400	20	1200
20 1	APPLIANCE 417	1200	21	2400	22	1200
20 1	SPARE	1500	23	2760	24	1260
20 1	SPARE	250	25	1510	26	1260
	SPACE		27	1200	28	1200
	"		29	1200	30	1200
	"		31		32	
	"		33		34	
	"		35		36	
	"		37		38	
	"		39		40	
	"		41		42	
TOTAL		10480	10140	10380	CONNECTED DEMAND	31.000 KVA

PANEL P4E2		TYPE SURFACE		MAIN BUS RATING 225		
MAIN BREAKER: NO OF POLES		FRAME 225		TRIP 225		
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 22,000		TYPE MLD		
DEVICE	BRANCH CIRCUIT	PHASE LOAD VOLT-AMPS			BRANCH CIRCUIT	DEVICE
AMPS	TRIP P	DESCRIPTION	VOLT	NO	NO	AMPS
20 1	RM 421, LTG 422	720	1	1470	2	750
20 1	LTG 420	750	3	1500	4	750
20 1	LTG 418	750	5	1500	6	750
20 1	RECEPT 420	1260	7	2520	8	1260
20 1	RECEPT 420	1260	9	2520	10	1260
20 1	APPLIANCE 420	1200	11	2400	12	1200
20 1	APPLIANCE 420	1200	13	2400	14	1200
20 1	RECEPT 418	1260	15	2520	16	1260
20 1	RECEPT 418	1260	17	2520	18	1260
20 1	APPLIANCE 418	1200	19	2400	20	1200
20 1	APPLIANCE 418	1200	21	2400	22	1200
20 1	TELE. 420	1500	23	2760	24	1260
20 1	TV 420	500	25	1760	26	1260
	SPACE		27	1200	28	1200
	"</					

PANEL		EL1 (BLDG A & C)		TYPE SURFACE		MAIN BUS RATING 100					
MAIN BREAKER: NO OF POLES		FRAME		TRIP		TYPE MLD					
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 25.000									
DEVICE	BRANCH CIRCUIT	PHASE LOAD			BRANCH CIRCUIT	DEVICE					
AMPS		VOLT-AMPS				AMPS					
TRIP P	DESCRIPTION	VOLT	NO	PHASE A	PHASE B	PHASE C	NO	VOLT	DESCRIPTION	P	TRIP
20 1	SPARE	714	1	1596			2				
20 1	SPARE	1500	3		2382		4	882	RECEPT 121	1	20
20 1	UH-9	1000	5			2500	6	1500	TIME CLOCK	1	20
20 1	SPARE	1000	7	2000			8	1000	SPARE	1	20
20 2	WALKWAY LTS	675	9		1125		10	450	SPARE	2	20
	"	675				1125	14	450	"		
	SPACE		13				14		SPACE		
	"		15				16		"		
	"		17				18		"		
	"		19				20		"		
	"		21				22		"		
	"		23				24		"		
	"		25				26		"		
	"		27				28		"		
	"		29				30		"		
TOTAL				3596	3507	3625		CONNECTED DEMAND	10.728	KVA	
									4.300	KVA	

PANEL		MC (BLDG C)		TYPE SURFACE		MAIN BUS RATING 225					
MAIN BREAKER: NO OF POLES		FRAME		TRIP		TYPE MLD					
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 25.000									
DEVICE	BRANCH CIRCUIT	PHASE LOAD			BRANCH CIRCUIT	DEVICE					
AMPS		VOLT-AMPS				AMPS					
TRIP P	DESCRIPTION	VOLT	NO	PHASE A	PHASE B	PHASE C	NO	VOLT	DESCRIPTION	P	TRIP
20 1	CONTROLS	1500	1	2000			2	500	RECEPT	1	20
20 1	UH-10, UF-7	540	3		2040		4	1500	SPARE	2	20
20 1	LTG 109	648	5			2148	8	1500	SPARE	2	20
100 3	CHWP	7452	7	8772			8	1320	HWP	3	30
	"	7452			8772		8	1320	"		
	"	7452				8772	8	1320	"		
20 3	SPARE	276	13	552			14	276	DHWP	3	20
	"	276			552		14	276	"		
	"	276				552	14	276	"		
20 3	SPARE	1000	19	1000			20		MIXER VALVE	1	20
	"	1000			1000		20		"		
	"	1000				1000	24		"		
	SPACE		25				26		"		
	"		27				28		"		
	"		29				30		"		
	"		31				32		"		
	"		33				34		"		
	"		35				36		"		
	"		37				38		"		
	"		39				40		"		
	"		41				42		"		
TOTAL				12324	12364	12472		CONNECTED DEMAND	37.160	KVA	
									31.800	KVA	

PANEL		MDP (BLDG A)		TYPE SURFACE		MAIN BUS RATING 2000					
MAIN BREAKER: NO OF POLES		FRAME 2000		TRIP 2000		TYPE MCB					
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 42.000									
DEVICE	BRANCH CIRCUIT	PHASE LOAD			BRANCH CIRCUIT	DEVICE					
AMPS		VOLT-AMPS				AMPS					
TRIP P	DESCRIPTION	VOLT	NO	PHASE A	PHASE B	PHASE C	NO	VOLT	DESCRIPTION	P	TRIP
20 1	FACP	1000	1	2000			2	1000	CHILLER	1	20
80 2	STANDBY PWR SYS	6655	3		7655		4	1000	ELEVATOR	1	20
	"	6655	5			7655	6	1000	ELEVATOR	1	20
400 3	FEEDER A	34148	7	46472			8	12324	PANEL MC	3	225
	"	35760			48124		8	12364	"		
	"	34008				46480	8	12472	"		
400 3	FEEDER B	40560	13	60541			14	19981	AT1	3	400
	"	40560			60109		14	19549	"		
	"	40620				59949	14	19329	"		
400 3	FEEDER C	35720	19	59073			20	23353	AT2	3	400
	"	36474			59395		20	22921	"		
	"	35894				58791	20	22897	"		
400 3	FEEDER D	39400	25	57400			26	18000	ELEVATOR	3	200
	"	39360			57360		26	18000	"		
	"	39360				57360	26	18000	"		
700 3	CHILLER	45780	31	49376			32	3596	PANEL EL1	3	100
	"	45780			49287		32	3507	"		
	"	45780				49405	32	3625	"		
60 3	SPARE	5000	37	5000			38		SPACE		
	"	5000			5000		40		"		
	"	5000				5000	42		"		
TOTAL				279862	286930	284640		CONNECTED DEMAND	851.432	KVA	
									582.000	KVA	

NOTE:  
 MINIMUM INTERRUPTING CAPACITIES ARE BASED ON DESIGN FAULT CALCULATIONS ASSUMING TRANSFORMER IMPEDANCES & FEEDER SIZES INDICATED ON ELECTRICAL RISER DIAGRAM. THE COORDINATION STUDY REQUIRED IN THE SPECIFICATIONS SHALL USE DATA FROM INSTALLED EQUIPMENT AND FEEDERS. DEVICE INTERRUPT RATINGS AND BRACING SHALL BE ADJUSTED TO MEET SHORT CIRCUIT CURRENTS DETERMINED FROM COORDINATION STUDY.

PANEL		EL1 (BLDG B)		TYPE SURFACE		MAIN BUS RATING 100					
MAIN BREAKER: NO OF POLES		FRAME		TRIP		TYPE MLD					
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 25.000									
DEVICE	BRANCH CIRCUIT	PHASE LOAD			BRANCH CIRCUIT	DEVICE					
AMPS		VOLT-AMPS				AMPS					
TRIP P	DESCRIPTION	VOLT	NO	PHASE A	PHASE B	PHASE C	NO	VOLT	DESCRIPTION	P	TRIP
20 1	SPARE	714	1	1596			2	882	LTG 122 & 123	1	20
20 1	SPARE	714	3		1596		4	882	RECEPT 122 & 123	1	20
20 1	UH-9 & MOD	500	5			1700	6	1200	SPARE	1	20
20 1	SPARE	1200	7	1700			8	500	SPARE	1	20
20 2	EXTERIOR LTS	1108	9		1738		10	630	WALKWAY LTS	2	20
	"	1108				1738	14	630	"		
	SPACE		13				14		SPACE		
	"		15				16		"		
	"		17				18		"		
	"		19				20		"		
	"		21				22		"		
	"		23				24		"		
	"		25				26		"		
	"		27				28		"		
	"		29				30		"		
TOTAL				3296	3334	3438		CONNECTED DEMAND	10.068	KVA	
									5.400	KVA	

PANEL		MC (BLDG B)		TYPE SURFACE		MAIN BUS RATING 225					
MAIN BREAKER: NO OF POLES		FRAME		TRIP		TYPE MLD					
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 25.000									
DEVICE	BRANCH CIRCUIT	PHASE LOAD			BRANCH CIRCUIT	DEVICE					
AMPS		VOLT-AMPS				AMPS					
TRIP P	DESCRIPTION	VOLT	NO	PHASE A	PHASE B	PHASE C	NO	VOLT	DESCRIPTION	P	TRIP
20 1	CONTROLS	1500	1	2000			2	500	UH-10 & EF-7	1	20
20 1	RECEPT	540	3		2173		4	1633	SPARE	2	20
20 1	LTG 111	648	5			2281	8	1633	"		
100 3	CHWP	7452	7	8772			8	1320	HWP	3	30
	"	7452			8772		8	1320	"		
	"	7452				8772	8	1320	"		
20 3	DHWP	276	13	552			14	276	EF-7	3	20
	"	276			552		14	276	"		
	"	276				552	14	276	"		
20 3	SPARE	1000	19	1000			20		SPACE		
	"	1000			1000		22		"		
	"	1000				1000	24		"		
	SPACE		25				26		"		
	"		27				28		"		
	"		29				30		"		
	"		31				32		"		
	"		33				34		"		
	"		35				36		"		
	"		37				38		"		
	"		39				40		"		
	"		41				42		"		
TOTAL				12324	12497	12605		CONNECTED DEMAND	37.426	KVA	
									31.800	KVA	

PANEL		MDP (BLDG B)		TYPE SURFACE		MAIN BUS RATING 2000					
MAIN BREAKER: NO OF POLES		FRAME 2000		TRIP 2000		TYPE MCB					
VOLTAGE 208/120		MIN. BREAKER INTERRUPTING CAPACITY (RMS SYM AMPS) 42.000									
DEVICE	BRANCH CIRCUIT	PHASE LOAD			BRANCH CIRCUIT	DEVICE					
AMPS		VOLT-AMPS				AMPS					
TRIP P	DESCRIPTION	VOLT	NO	PHASE A	PHASE B	PHASE C	NO	VOLT	DESCRIPTION	P	TRIP
20 1	FACP	1000	1	2000			2	1000	CHILLER	1	20
80 2	STANDBY PWR SYS	6655	3		7655		4	1000	ELEVATOR	1	20
	"	6655	5			7655	6	1000	ELEVATOR	1	20
400 3	FEEDER A	42188	7	54512			8	12324	PANEL MC	3	225
	"	42160			54657		8	12497	"		
	"	42048				54653	8	12605	"		
400 3	FEEDER B	42560	13	65913			14	23353	AT1	3	400
	"	40560			63481		14	22921	"		
	"	41520				64221	14	22701	"		
400 3	FEEDER C	43010	19	66363			20	23353	AT2	3	400
	"	42274			65195		20	22921	"		
	"	42734				65631	20	22897	"		
400 3	FEEDER D	40150	25	58150			26	18000	ELEVATOR	3	200
	"	39360			57360		26	18000	"		
	"	39810				57810	26	18000	"		
700 3	CHILLER	48660	31	51956			32	3296	PANEL EL1	3	100
	"	48660			51994		32	3334	"		
	"	48660				52098	32	3438	"		
60 3	SPARE	5000	37	5000			38		SPACE		
	"	5000			5000		40		"		
	"	5000				5000	42		"		
TOTAL				303894	305342	307068		CONNECTED DEMAND	916.304	KVA	
									626.000	KVA	

