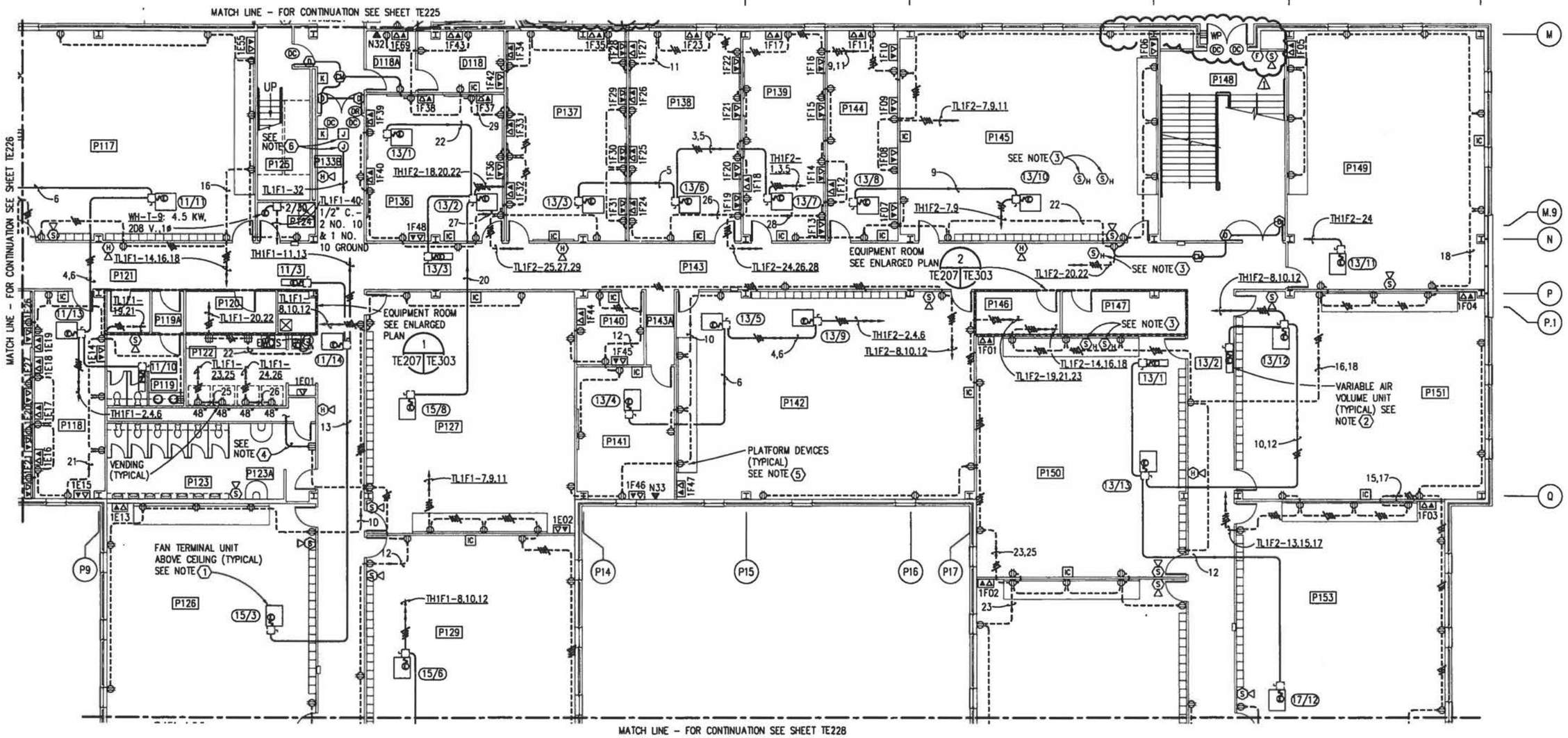


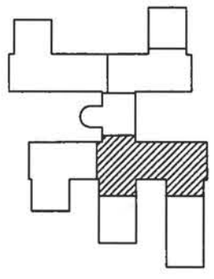
FIRST DECK PLAN – AREA F – POWER

SCALE: 1/8"=1'-0"

NORTH

NOTES

1. UNITS DESIGNATEO WITH AN ELONGATEO OVAL ARE FAN TERMINAL UNITS LOCATED ABOVE CEILING. EACH UNIT CONTAINS A FRACTIONAL HORSEPOWER FAN AND ELECTRIC DUCT HEATER CONFIGURED FOR A SINGLE POINT 277 VOLT, 1 PHASE POWER CONNECTION.
2. UNITS DESIGNATED WITH A RECTANGLE ARE VARIABLE AIR VOLUME UNITS LOCATED ABOVE CEILING. EACH UNIT CONTAINS A 277 VOLT, 1 PHASE CONTROL POWER CONNECTION.
3. TYPICALLY DENOTES PHOTOELECTRIC SMOKE OETECTORS SENSING AN OPEN RETURN AIR OPENING ABOVE CEILING. SEE DETAIL 1/TE222/TE505.
4. TO LIGHTING, SEE SHEET TE207.
5. WHERE LOCATION OF A WIRING DEVICE CORRESPONDS WITH THE LOCATION OF A RAISED INSTRUCTION PLATFORM MOUNT DEVICES 18-INCHES ABOVE THE 12-INCH HIGH RAISED PLATFORM.
6. PROVIDE POWER AND CONTROL JUNCTION BOXES ABOVE CEILING FOR FUTURE CARD READER, SEE DOOR MONITOR SYSTEM RISER OIAGRAM 1/TE225/TE416.



KEY PLAN

NORTH

GRAPHIC SCALE

1/8" = 1'-0" 6' 3' 0 6' 12' 18'

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.

TRAINING FACILITY

REV.	DESCRIPTION	PREP BY	DATE	APPRVD
1	GENERAL REVISIONS	K. BEAVERS	7/26/96	C.A.P.T.

KBJ Architects, Inc. 50 Natal Ave Jacksonville, Florida 32203

MORLEY LEAF PHILLIPS PARTNER 21 MAY 1996

NAVAL FACILITIES ENGINEERING COMMAND SOUTHERN DIVISION CHARLESTON, S.C.

DEPARTMENT OF THE NAVY NAVAL WEAPONS STATION CHARLESTON, S.C.

NNPTC TRAINING COMPLEX

SEAL AREA

KENNETH F. FR... CERTIFICATE No. 31... REGISTERED EN...

RECORD DRAWING DATE

CODE I.D NO.

DRAWING SIZE:

SPEC. NO. 06-95-

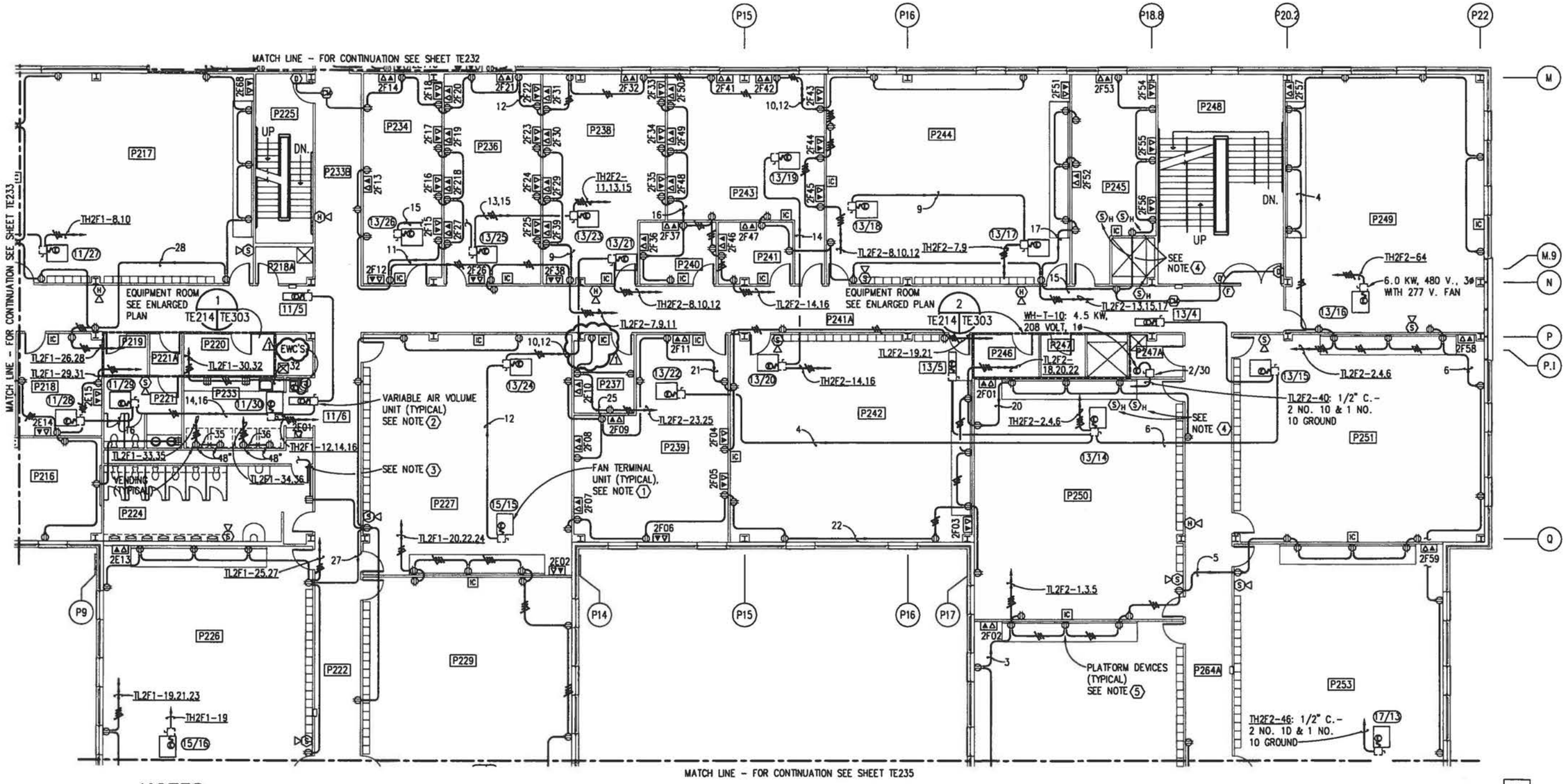
CONSTRN. CONTR. NO. N62467-95-C

NAVFAC DRAWING NO. 532131

SHEET 421 OF

TE22

95\2TE05/NP1 (AREA_F)



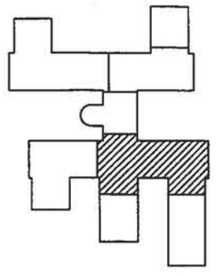
NOTES

1. UNITS DESIGNATED WITH AN ELONGATED OVAL ARE FAN TERMINAL UNITS LOCATED ABOVE CEILING. EACH UNIT CONTAINS A FRACTIONAL HORSEPOWER FAN AND ELECTRIC DUCT HEATER CONFIGURED FOR A SINGLE POINT 277 VOLT, 1 PHASE POWER CONNECTION, U.N.O.
2. UNITS DESIGNATED WITH A RECTANGLE ARE VARIABLE AIR VOLUME UNITS LOCATED ABOVE CEILING. EACH UNIT CONTAINS A 277 VOLT, 1 PHASE CONTROL POWER CONNECTION.
3. TO LIGHTING, SEE SHEET TE214.
4. TYPICALLY DENOTES PHOTOELECTRIC SMOKE DETECTORS SENSING AN OPEN RETURN AIR OPENING ABOVE CEILING. SEE DETAIL 1/TE222/TE505.
5. WHERE LOCATION OF A WIRING DEVICE CORRESPONDS WITH THE LOCATION OF A RAISED INSTRUCTION PLATFORM MOUNT DEVICES 18-INCHES ABOVE THE 12-INCH HIGH RAISED PLATFORM.

SECOND DECK PLAN – AREA F – POWER

SCALE: 1/8"=1'-0"

NORTH



KEY PLAN

NORTH

GRAPHIC SCALE

1/8" = 1'-0" 6' 3' 0 6' 12' 18'

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.

TRAINING FACILITY

9512TE06/NP2 (AREA_F)

REV.	DESCRIPTION	PREP BY	DATE	APPRVD
1	GENERAL REVISIONS	K. BEAVERS	7/26/96	

DESIGNED BY AE/CADD: ICBI Architects, Inc. 20 North 9th Street Jacksonville, Florida 32202 AAC000008

DRAWN BY: MORLEY LEAF PHILLIPS

PARTNER 21 MAY 1996

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND — SOUTHERN DIVISION CHARLESTON, S.C.

NAVAL WEAPONS STATION CHARLESTON, S.C.

NNPTC TRAINING COMPLEX

SEAL AREA

RECORD DRAWING DATE

CODE I.D NO.

DRAWING SIZE:

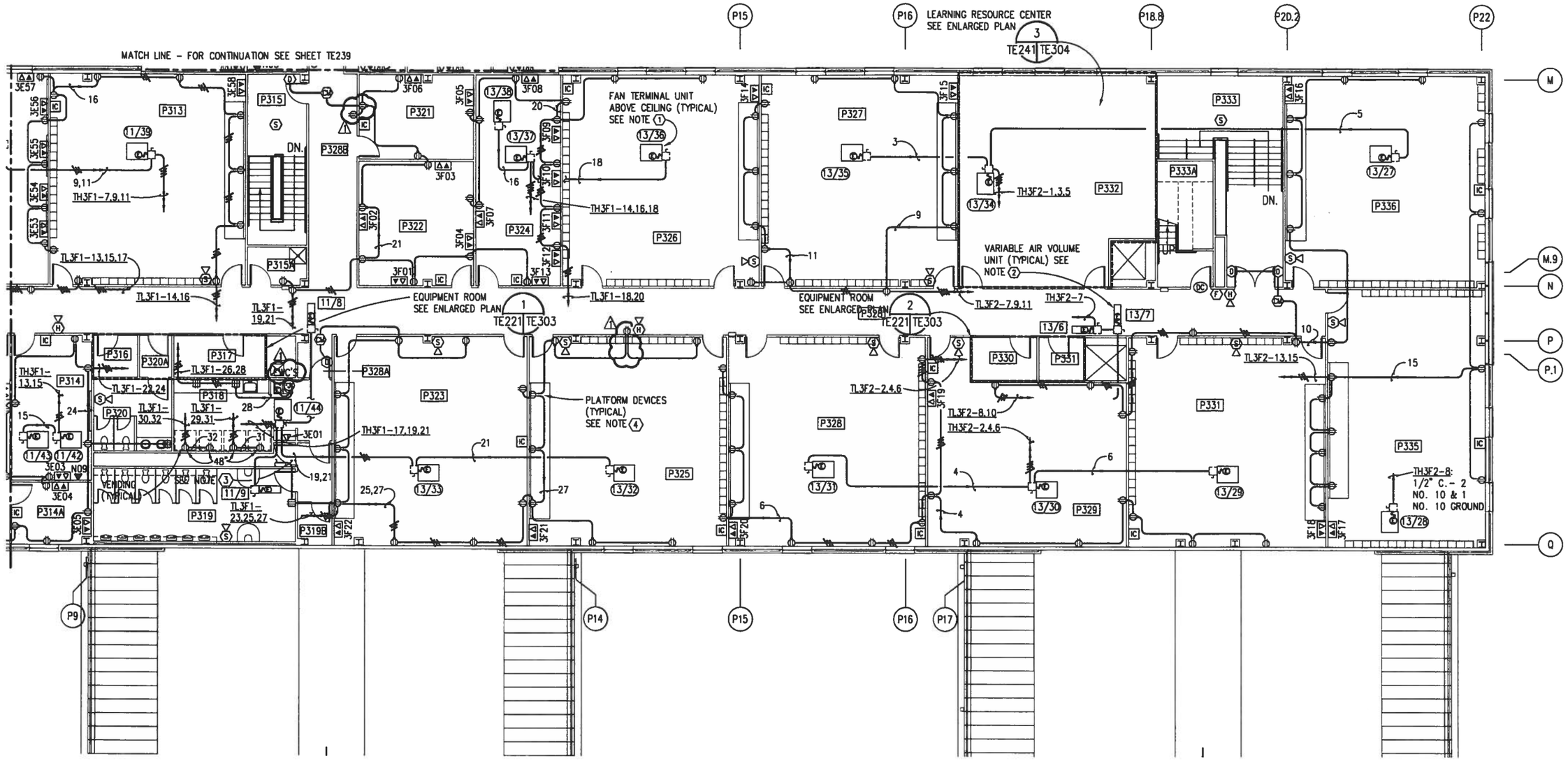
SPEC. NO. 06-95-

CONSTRN. CONTR. NO. N62467-95-C

NAVFAC DRAWING NO. 532131

SHEET 428 OF

TE23



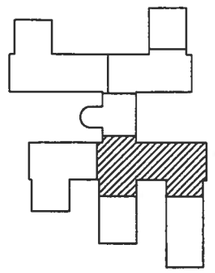
THIRD DECK PLAN – AREA F – POWER

SCALE: 1/8"=1'-0"

NORTH

NOTES

1. UNITS DESIGNATED WITH AN ELONGATED OVAL ARE FAN TERMINAL UNITS LOCATED ABOVE CEILING. EACH UNIT CONTAINS A FRACTIONAL HORSEPOWER FAN AND ELECTRIC DUCT HEATER CONFIGURED FOR A SINGLE POINT 277 VOLT, 1 PHASE POWER CONNECTION.
2. UNITS DESIGNATED WITH A RECTANGLE ARE VARIABLE AIR VOLUME UNITS LOCATED ABOVE CEILING. EACH UNIT CONTAINS A 277 VOLT, 1 PHASE CONTROL POWER CONNECTION.
3. TO LIGHTING, SEE SHEET TE221.
4. WHERE LOCATION OF A WIRING DEVICE CORRESPONDS WITH THE LOCATION OF A RAISED INSTRUCTION PLATFORM MOUNT DEVICES 18-INCHES ABOVE THE 12-INCH HIGH RAISED PLATFORM.



KEY PLAN

NORTH

GRAPHIC SCALE

1/8" = 1'-0" 6' 3' 0 6' 12' 18'

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.

TRAINING FACILITY

95I2TE07/NP3 (AREA_F)

REV.	DESCRIPTION	PREP BY	DATE	APPRVD
1	GENERAL REVISIONS	K. BEAVERS	7/26/96	

DESIGNED BY RECORD: KBJ Architects, Inc. 320 North John Street Jacksonville, Florida 32202 AAC000001

DWN MORLEY CHK LEAF SUPERVISOR PHILLIPS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND — SOUTHERN DIVISION CHARLESTON, S.C.

NAVAL WEAPONS STATION CHARLESTON, S.C.

NNPTC TRAINING COMPLEX

SEAL AREA

RECORD DRAWING DATE

CODE I.D NO.

DRAWING SIZE:

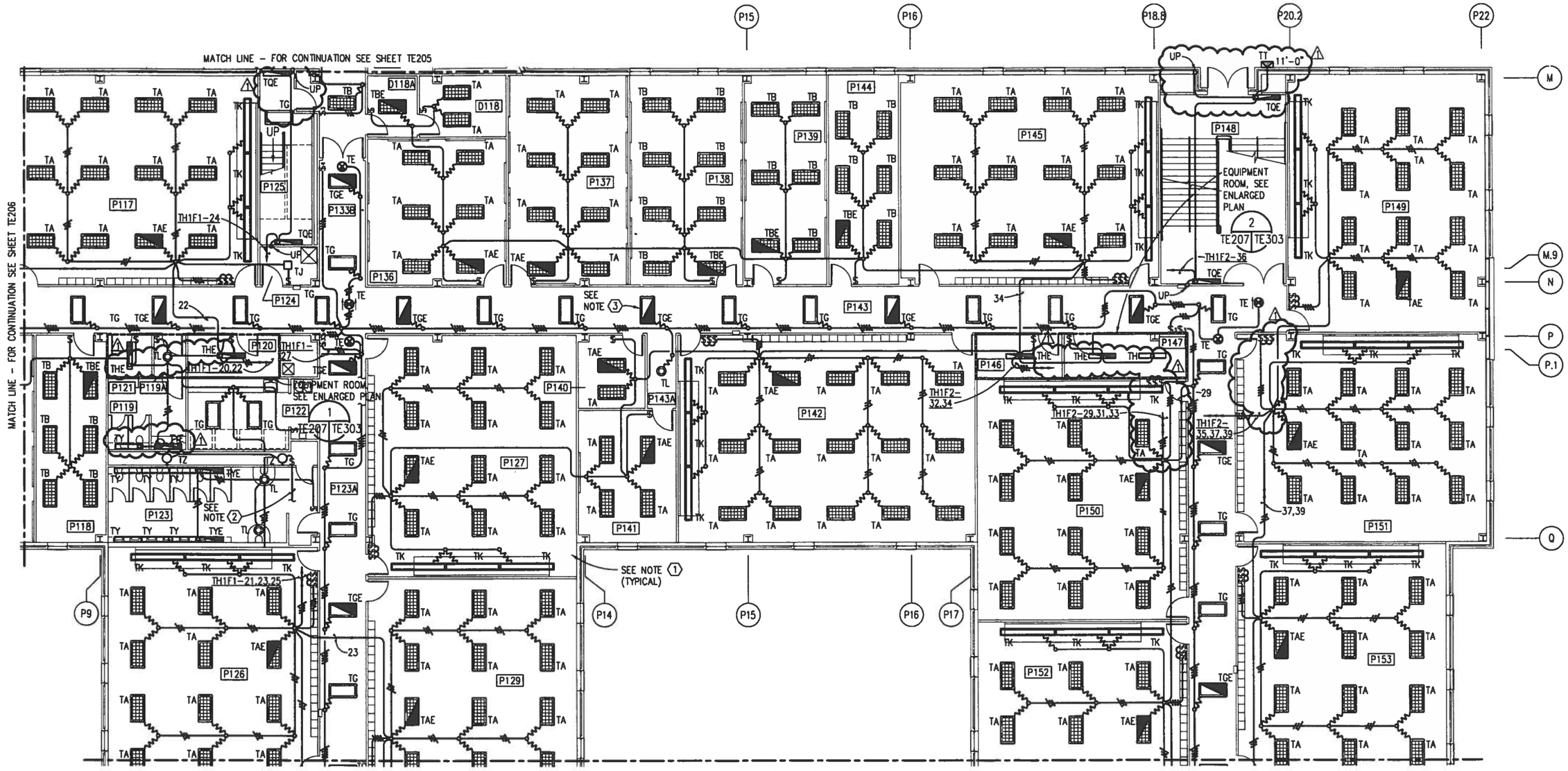
SPEC. NO. 06-95

CONSTRN. CONTR. NO. N62467-95-

NAVFAC DRAWING NO. 532132

SHEET 435 OF

TE2



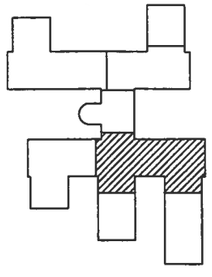
FIRST DECK PLAN – AREA F – LIGHTING

SCALE: 1/8"=1'-0"

NORTH

NOTES

1. AT EACH CLASSROOM, GROUP STUDY AND LABORATORY, ONE SWITCH SHALL CONTROL OUTBOARD LAMPS IN TYPE "TA" FIXTURES, ONE SWITCH SHALL CONTROL CENTER LAMP IN TYPE "TA" FIXTURES, AND ONE SWITCH SHALL CONTROL TYPE "TK" FIXTURES.
2. CIRCUIT TL1F1-8 TO RECEPTACLE, FOR CONTINUATION SEE SHEET TE227.
3. ALL LIGHTING FIXTURES LOCATED IN CORRIDORS WHICH CONTAIN INTEGRAL EMERGENCY BATTERY UNITS SHALL BE UNSWITCHED NIGHT LIGHTS.



KEY PLAN

NORTH

GRAPHIC SCALE

1/8" = 1'-0" 6' 3' 0 6' 12' 18'

TRAINING FACILITY

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.

95I2TE02/NPI (AREA_F)

REV.	DESCRIPTION	DATE	APPRVD
1	GENERAL REVISIONS	7/26/96	C.K.M.

PREP BY K. BEAVERS

DESIGNED BY MORLEY / DR LEAF

DRAWN BY PHILLIPS

PARTNER 21 MAY 1996

DESIGNED BY KCBJ Architects, Inc. 50 North Laura Street Jacksonville, Florida 32202

AA000008

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND

SOUTHERN DIVISION CHARLESTON, S.C.

NAVAL WEAPONS STATION CHARLESTON, S.C.

NNPTC TRAINING COMPLEX

SEAL AREA

RECORD DRAWING DATE

CODE I.D NO.

DRAWING SIZE:

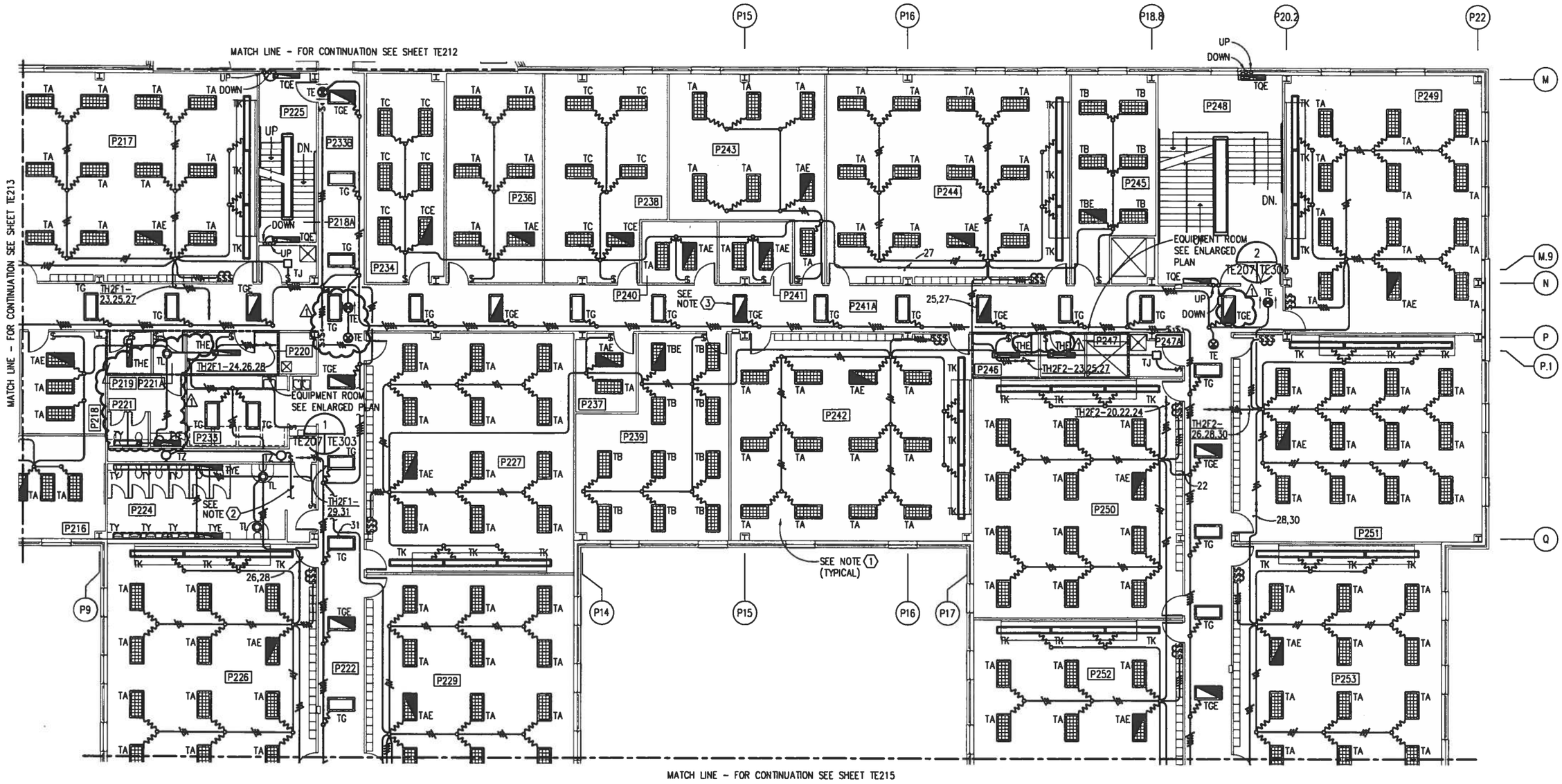
SPEC. NO. 06-95-

CONSTRN. CONTR. NO. N62467-95-C

NAVFAC DRAWING NO. 532129

SHEET 401 OF

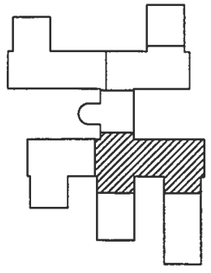
TE2C



SECOND DECK PLAN – AREA F – LIGHTING

SCALE: 1/8"=1'-0"

NORTH



KEY PLAN

NORTH

GRAPHIC SCALE

1/8" = 1'-0" 6' 3' 0 6' 12' 18'

NOTES

1. AT EACH CLASSROOM AND LABORATORY, ONE SWITCH SHALL CONTROL OUTBOARD LAMPS IN TYPE "TA" FIXTURES, ONE SWITCH SHALL CONTROL CENTER LAMP IN TYPE "TA" FIXTURES, AND ONE SWITCH SHALL CONTROL TYPE "TK" FIXTURES.
2. CIRCUIT TL2F1-27 TO RECEPTACLE, FOR CONTINUATION SEE SHEET TE234.
3. ALL LIGHTING FIXTURES LOCATED IN CORRIDORS WHICH CONTAIN INTEGRAL EMERGENCY BATTERY UNITS SHALL BE UNSWITCHED NIGHT LIGHTS.

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.

TRAINING FACILITY

REV.	DESCRIPTION	PREP BY	DATE	APPRVD
1	GENERAL REVISIONS	K. BEAVERS	7/26/96	

DESIGN OF RECORD: KBJ Architects, Inc. 30 North Laura Street Jacksonville, Florida 32202 AAC00000

DR MORLEY CK LEAF DR PHILLIPS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND — SOUTHERN DIVISION CHARLESTON, S.C.

NAVAL WEAPONS STATION CHARLESTON, S.C.

NNPTC TRAINING COMPLEX

SEAL AREA — KENNETH F. B. CERTIFICATE No. 31... REGISTERED ENGINEER

RECORD DRAWING DATE

CODE I.D NO.

DRAWING SIZE:

SPEC. NO. 06-95-

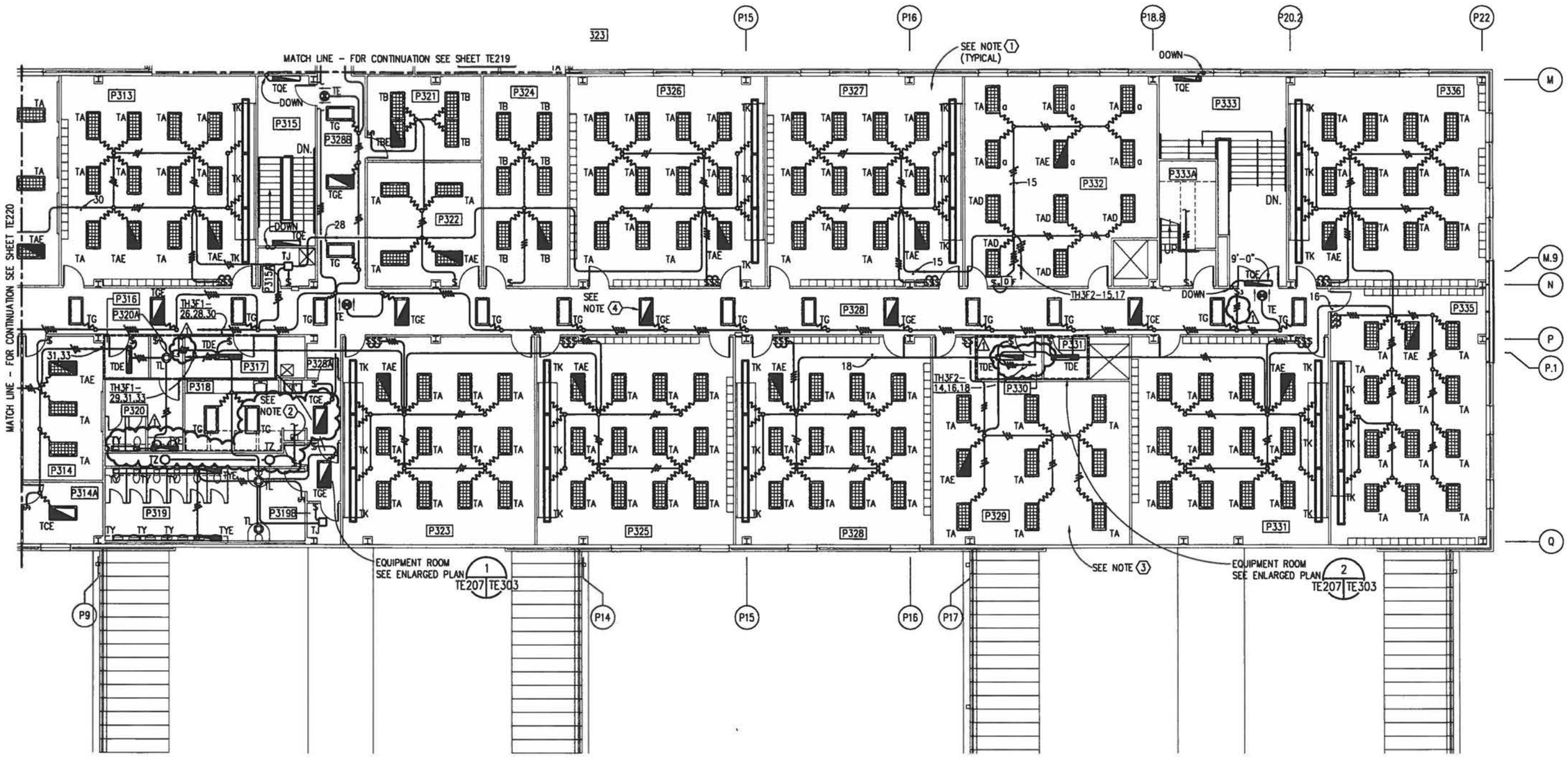
CONSTRN. CONTR. NO. N62467-95-C

NAVFAC DRAWING NO. 532129

SHEET 408 OF

TE21

95I2TE03/NP2 (AREA_F)



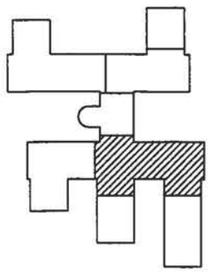
THIRD DECK PLAN – AREA F – LIGHTING

SCALE: 1/8"=1'-0"

NORTH

NOTES

1. AT EACH CLASSROOM AND GROUP STUDY, ONE SWITCH SHALL CONTROL OUTBOARD LAMPS IN TYPE "TA" FIXTURES, ONE SWITCH SHALL CONTROL CENTER LAMP IN TYPE "TA" FIXTURES, AND ONE SWITCH SHALL CONTROL TYPE "TK" FIXTURES.
2. CIRCUIT TL3F1-23 TO RECEPTACLE, FOR CONTINUATION SEE SHEET TE241.
3. ALTERNATELY SWITCH INBOARD AND OUTBOARD LAMPS WITHIN EACH FIXTURE IN THIS ROOM TO PROVIDE SEPARATE LEVELS OF ILLUMINATION.
4. ALL LIGHTING FIXTURES LOCATED IN CORRIDORS WHICH CONTAIN INTEGRAL EMERGENCY BATTERY UNITS SHALL BE UNSWITCHED NIGHT LIGHTS.



KEY PLAN

NORTH

GRAPHIC SCALE

1/8" = 1'-0" 6' 3' 0 6' 12' 18'

TRAINING FACILITY

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.

9512TE04/NP3 (AREA_F)

REV.	DESCRIPTION	PREP BY	DATE	APPRVD
1	GENERAL REVISIONS	K. BEAVERS	7/26/96	

RECORD OF ISSUE: ICSI Architects, Inc. 200 North Julia Street Jacksonville, Florida 32202 — AA000000

DSN MORLEY LEAF PHILLIPS PARTNER 21 MAY 1996

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND — SOUTHERN DIVISION CHARLESTON, S.C.

NAVAL WEAPONS STATION CHARLESTON, S.C.

NNPTC TRAINING COMPLEX

SEAL AREA — KENNETH F. BR... CERTIFICATE No. 31... REGISTERED EN... NORTH CAROLINA

RECORD DRAWING DATE

CODE I.D NO.

DRAWING SIZE:

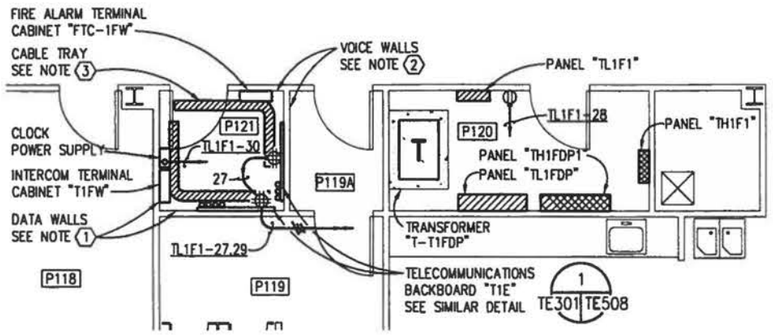
SPEC. NO. 06-95-

CONSTRN. CONTR. NO. N62467-95-C

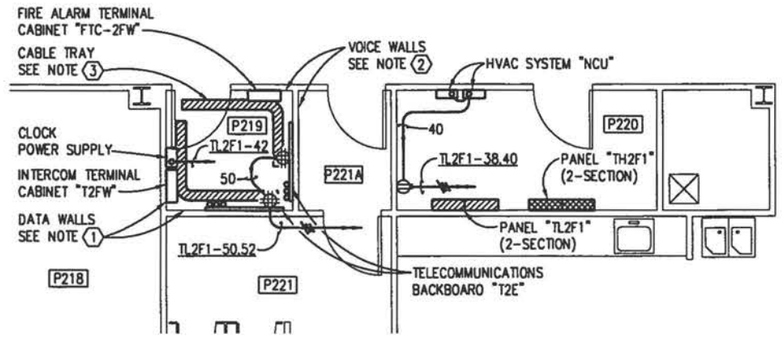
NAVFAC DRAWING NO. 532130

SHEET 415 OF

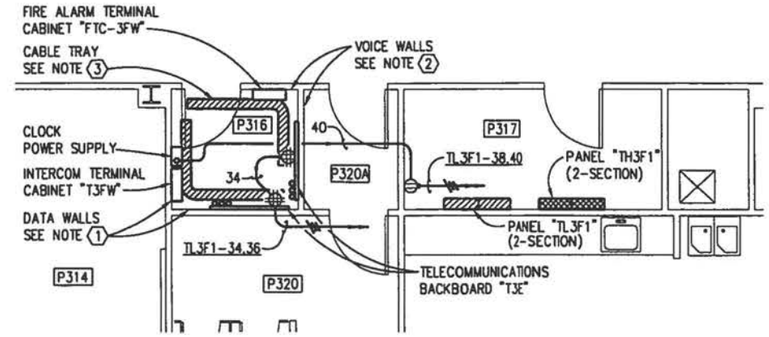
TE22



FIRST FLOOR



SECOND FLOOR



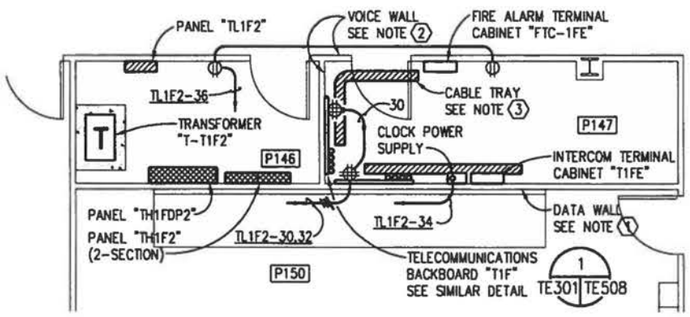
THIRD FLOOR

AREA "F" WEST ENLARGED EQUIPMENT ROOMS – ELECTRICAL

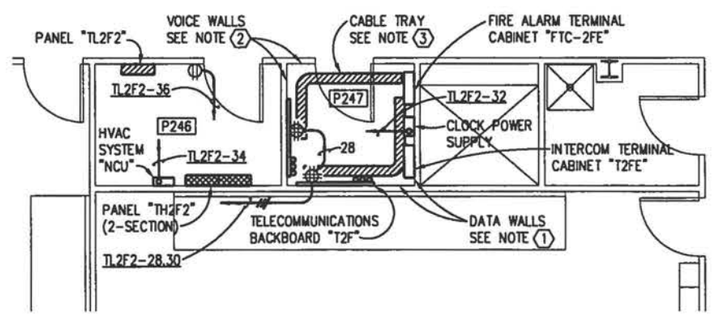
SCALE: 1/4"=1'-0"

1 TE207 TE303

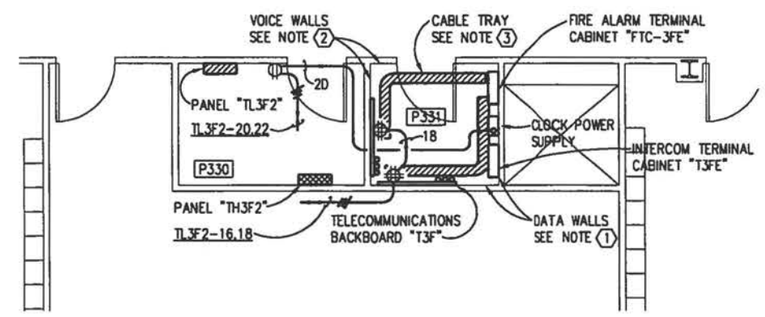
NORTH



FIRST FLOOR



SECOND FLOOR



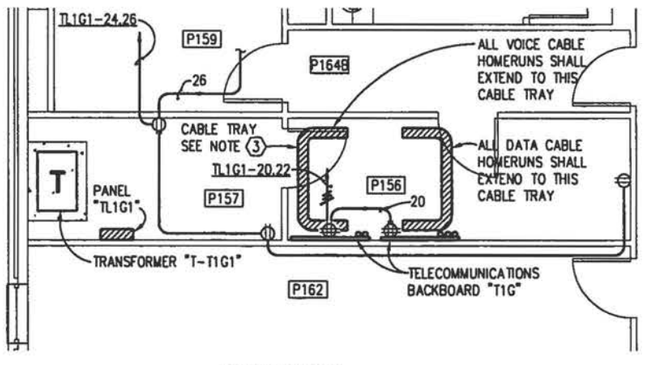
THIRD FLOOR

AREA "F" EAST ENLARGED EQUIPMENT ROOMS – ELECTRICAL

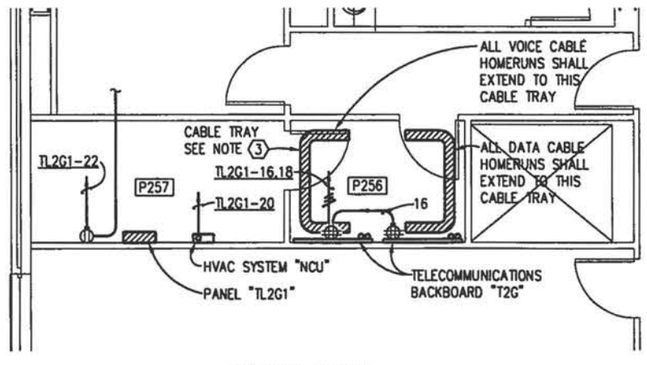
SCALE: 1/4"=1'-0"

2 TE207 TE303

NORTH



FIRST FLOOR



SECOND FLOOR

AREA "G" ENLARGED EQUIPMENT ROOMS – ELECTRICAL

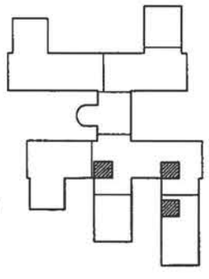
SCALE: 1/4"=1'-0"

3 TE208 TE303

NORTH

NOTES

1. ALL DATA CONDUIT HOMERUNS SHALL PENETRATE THE INDICATED DATA WALLS AND TERMINATE.
2. ALL VOICE CONDUIT HOMERUNS SHALL PENETRATE THE INDICATED VOICE WALLS AND TERMINATE.
3. PROVIDE A 6" WIDE, 3" HIGH, ALUMINUM LADDER TYPE CABLE TRAY WITH RUNGS ON 6" CENTERS. FURNISH CABLE TRAY COMPLETE WITH ALL REQUIRED FITTINGS AND HARDWARE FOR ARRANGEMENT AS SHOWN ON PLAN. SUPPORT CABLE TRAY FROM WALL WITH BOTTOM 9'-4" ABOVE FLOOR.



KEY PLAN

NORTH

GRAPHIC SCALE

1/4" = 1'-0"

4' 2' 0 4' 8'

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.

TRAINING FACILITY

9512TE52/NP1/NP2/NP3 (PS3)

ICBI Architects, Inc.
30 North Palo Dome
Jacksonville, Florida 32202

WORLEY LEAF PARTNER 21 MAY 1998

PREP BY DATE APPRVD

REV. DESCRIPTION

NAVAL FACILITIES ENGINEERING COMMAND
SOUTHERN DIVISION
CHARLESTON, S.C.
DEPARTMENT OF THE NAVY
NAVAL WEAPONS STATION
CHARLESTON, S.C.
NNPTC TRAINING COMPLEX

SEAL AREA

RECORD DRAWING DATE

CODE I.D NO.
DRAWING SIZE:
SPEC. NO. 06-95-
CONSTRN. CONTR. NO. N62467-95-
NAVFAC DRAWING NO. 53213
SHEET 447 OF
TE3C

PANEL "TH1FDP1" 277/480 VOLT, 3 PHASE, 4 WIRE, 800 AMP MAIN BREAKER, SURFACE MOUNTED.
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY OF 25,000 RMS SYMMETRICAL AMPERES.

CKT. NO.	POLE	TRIP	LOAD KVA	SERVES	CKT. NO.	POLE	TRIP	LOAD KVA	SERVES
1	3	300	201.5	PANEL "TH3F1"	2	3	250	133.04	TRANSFORMER "T-T1FDP"
3	3	125	56.02	PANEL "TH1F1"	4	3	225	175.25	PANEL "TH2F1"
5	3	--	----	SPACE	6	3	--	----	SPACE
7	3	--	----	SPACE	8	3	--	----	SPACE

TOTAL CONNECTED LOAD: 565.81 KVA

PANEL "TH1F1" 277/480 VOLT, 3 PHASE, 4 WIRE, 125 AMP MAIN LUGS ONLY, SURFACE MOUNTED.
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY OF 25,000 RMS SYMMETRICAL AMPERES.

CKT. NO.	POLE	TRIP	LOAD KVA	SERVES	CKT. NO.	POLE	TRIP	LOAD KVA	SERVES
1	1	20	1.75	FTU 11/10	2	1	20	1.78	FTU 11/13 AND VAV 11/10
3	1	20	0.91	FTU 11/45	4	1	20	3.03	FTU 11/11
5	1	20	2.53	FTU 11/8	6	1	20	3.03	FTU 11/9
7	1	20	3.53	FTU 15/2	8	1	20	3.03	FTU 15/6
9	1	20	3.53	FTU 15/1	10	1	20	3.03	FTU 15/4
11	1	20	0.66	FTU 11/14 AND VAV 11/3	12	1	20	2.78	FTU 15/5 AND VAV 15/1
13	1	20	3.03	FTU 15/3	14	1	20	4.03	FTU 15/7
15	1	20	----	SPARE	16	1	20	----	SPARE
17	1	20	----	SPARE	18	1	20	----	SPARE
19	1	20	----	SPARE	20	1	20	3.13	NOTE 1
21	1	20	1.92	LTG RMS P126,P128	22	1	20	3.19	LTG RM P116,P117,P121
23	1	20	3.12	LTG RMS P129,P131	24	1	20	0.77	LTG STAIR NO. 6
25	1	20	4.32	LTG RMS P130,P132,P135	26	1	20	0.77	LTG STAIR NO. 7
27	1	20	2.15	LTG RMS P115,P133A,P143	28	1	20	----	SPARE
29	1	20	----	SPARE	30	1	20	----	SPARE
31	1	--	----	SPACE	32	1	--	----	SPACE
33	1	--	----	SPACE	34	1	--	----	SPACE
35	1	--	----	SPACE	36	1	--	----	SPACE
37	1	--	----	SPACE	38	1	--	----	SPACE
39	1	--	----	SPACE	40	1	--	----	SPACE
41	1	--	----	SPACE	42	1	--	----	SPACE

TOTAL CONNECTED LOAD: 56.02 KVA
1. LTG RM P113,P140A,P115,P118,P119,P119A,P120,P121,P122,P123

PANEL "TL1FDP" 120/208 VOLT, 3 PHASE, 4 WIRE, 600 AMP MAIN BREAKER, SURFACE MOUNTED.
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY OF 10,000 RMS SYMMETRICAL AMPERES.

CKT. NO.	POLE	TRIP	LOAD KVA	SERVES	CKT. NO.	POLE	TRIP	LOAD KVA	SERVES
1	3	150	40.26	PANEL "TL3F1"	2	3	225	60.7	PANEL "TL2F1"
3	3	125	32.08	PANEL "TL1F1"	4	3	--	----	SPACE
5	3	--	----	SPACE	6	3	--	----	SPACE
7	3	--	----	SPACE	8	3	--	----	SPACE

TOTAL CONNECTED LOAD: 133.04 KVA

PANEL "TL1F1" 120/208 VOLT, 3 PHASE, 4 WIRE, 125 AMP MAIN LUGS ONLY, SURFACE MOUNTED.
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY OF 10,000 RMS SYMMETRICAL AMPERES.

CKT. NO.	POLE	TRIP	LOAD KVA	SERVES	CKT. NO.	POLE	TRIP	LOAD KVA	SERVES
1	1	20	1.08	REC RMS P126,P128	2	1	20	1.26	REC RMS P132,P128,P135,P130
3	1	20	0.90	REC RMS P128,P130	4	1	20	1.08	REC RMS P132,P135
5	1	20	1.08	REC RMS P130,P132	6	1	20	1.08	REC RMS P135
7	1	20	1.08	REC RMS P129,P127	8	1	20	1.30	REC RMS P123,P127,P129,P131,P133A
9	1	20	1.08	REC RMS P131,P129	10	1	20	1.08	REC RMS P126
11	1	20	1.08	REC RMS P131,P133A	12	1	20	1.08	REC RMS P126,P128,P129,P131,P133A
13	1	20	1.26	REC RMS P112,P113,P114,P115,P115A	14	1	20	1.08	REC RMS P115,P116,P117
15	1	20	0.90	REC RMS P113,P114,P115	16	1	20	0.90	REC RMS P117
17	1	20	1.26	REC RMS P113,P115	18	1	20	1.08	REC RMS P116
19	1	20	1.26	REC RMS P115, P118,P119	20	1	20	0.90	REC RM P122
21	1	20	1.26	REC RMS P115,P118	22	1	20	0.50	EWC P122
23	1	20	0.60	VENDING P122	24	1	20	0.60	VENDING P122
25	1	20	0.60	VENDING P122	26	1	20	0.60	VENDING P122
27	1	20	0.36	REC TEL BD "T1E" (VOICE)	28	1	20	0.18	REC RM P120
29	1	20	0.36	REC TEL BD "T1E" (DATA)	30	1	20	0.40	CLOCK POWER "T1FW"
31	1	20	----	SPARE	32	1	20	0.30	FUTURE CARD READER
33	1	20	----	SPARE	34	1	20	----	SPARE
35	1	--	----	SPACE	36	1	--	----	SPACE
37	1	--	----	SPACE	38	1	--	----	SPACE
39	1	--	----	SPACE	40	2	30	4.50	WATER HEATER WH-T-9 RM P124
41	1	--	----	SPACE	42	--	--	----	----

TOTAL CONNECTED LOAD: 32.08 KVA

PANEL "TH2F1" (2-SECTION) 277/480 VOLT, 3 PHASE, 4 WIRE, 225 AMP MAIN LUGS ONLY, SURFACE MOUNTED.
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY OF 18,000 RMS SYMMETRICAL AMPERES.

CKT. NO.	POLE	TRIP	LOAD KVA	SERVES	CKT. NO.	POLE	TRIP	LOAD KVA	SERVES
1	1	20	1.75	FTU 11/46	2	1	20	3.06	FTU 11/2 AND VAV 11/4
3	1	20	1.75	FTU 11/17	4	1	20	2.75	FTU 11/19
5	1	20	1.75	FTU 11/12	6	1	20	3.03	FTU 11/18
7	1	20	0.63	FTU 11/26	8	1	20	3.53	FTU 11/27
9	1	20	1.75	FTU 11/24	10	1	20	3.53	FTU 11/25
11	1	20	1.75	FTU 11/23	12	1	20	2.19	FTU 11/30, VAV 11/5 AND 11/6
13	1	20	2.25	FTU 15/9	14	1	20	0.63	FTU 11/29
15	1	20	3.53	FTU 15/2	16	1	20	2.25	FTU 11/28
17	1	20	4.03	FTU 15/10	18	1	30	5.03	FTU 11/16
19	1	20	4.03	FTU 15/16	20	1	20	4.03	FTU 15/14
21	1	20	4.03	FTU 11/21	22	1	20	----	SPARE
23	1	20	3.19	LTG RMS P215,P217,P218A	24	1	20	3.58	NOTE 1
25	1	20	3.44	LTG RMS P200,P211	26	1	20	3.48	LTG RMS P226,P228,P230
27	1	20	3.34	LTG RMS P202,P203,P204A,P206-P209	28	1	20	2.76	LTG RMS P232,P235
29	1	20	2.22	LTG RMS P203A,P222,P241A	30	1	20	0.42	ATTIC LIGHTING & VAV 15/3
31	1	20	3.02	LTG RMS P229,P231	32	1	20	3.50	UH-T2 RM P337
33	1	20	0.80	LTG RM P209	34	1	20	3.50	SPARE
35	1	20	----	SPARE	36	1	20	----	SPARE
37	1	20	----	SPARE	38	1	--	----	SPACE
39	1	--	----	SPACE	40	1	--	----	SPACE
41	1	--	----	SPACE	42	1	--	----	SPACE
43	1	30	5.53	FTU 15/12	44	1	20	----	SPARE
45	1	30	4.53	FTU 15/11	46	1	20	----	SPARE
47	1	30	4.53	FTU 15/13	48	1	20	----	SPARE
49	1	--	----	SPACE	50	1	--	----	SPACE
51	1	--	----	SPACE	52	1	--	----	SPACE
53	1	--	----	SPACE	54	1	--	----	SPACE
55	1	--	----	SPACE	56	1	--	----	SPACE
57	1	--	----	SPACE	58	1	--	----	SPACE
59	1	--	----	SPACE	60	1	--	----	SPACE
61	1	--	----	SPACE	62	-	--	----	----
63	1	--	----	SPACE	64	3	20	6.0	FTU 11/20
65	1	--	----	SPACE	66	-	--	----	----
67	-	--	----	----	68	-	--	----	----
69	3	20	7.05	FTU 11/15	70	3	40	29.0	EDH-T8
71	-	--	----	----	72	-	--	----	----
73	-	--	----	----	74	-	--	----	----
75	3	20	1.16	HW-T8	76	3	20	3.99	EF-T8
77	-	--	----	----	78	-	--	----	----
79	-	--	----	----	80	-	--	----	----
81	3	50	22.44	AHU-T15	82	3	20	3.99	AHU-T16
83	-	--	----	----	84	-	--	----	----

TOTAL CONNECTED LOAD: 175.25 KVA
1. LTG RMS P203,P204,P212,P213,P216,P218,P219,P220,P221,P221A,P223,P224

PANEL INDEX

TH1FDP1	TL1F1
TH1F1	TH2F1
TL1FDP	

TRAINING FACILITY

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.

9512TE17 (PSI3)

DESIGNS OF RECORD
VOA ASSOCIATES, INC.
ARCHITECTURE | PLANNING | INTERIORS
940 SOUTH ORANGE AVENUE STE 1000 ORLANDO, FL 32806-2938
DSN PHILLIPS DR THOMPSON DM MORLEY
PM PARTNER 21 MAY 1996
PROJ. MGR. E. L. MCLETIS

REV.	DESCRIPTION	PREP BY	DATE	APPRVD
1	GENERAL REVISIONS	K. BEAVERS	7/26/96	EKM

NAVAL FACILITIES ENGINEERING COMMAND
SOUTHERN DIVISION
CHARLESTON, S.C.
DEPARTMENT OF THE NAVY
NAVAL WEAPONS STATION
CHARLESTON, S.C.
NNPTC TRAINING COMPLEX
PANEL SCHEDULES
APPROVED EKMcLetis DATE 5-21-96
E/F'S FOR COMMANDER, NAVFAC

SEAL AREA
KENNETH F. BEAVERS CERTIFICATE No. 31966 STATE OF FLORIDA REGISTERED ENGINEER

RECORD DRAWING DATE
CODE I.D NO. 60081
DRAWING SIZE D
SPEC. NO. 06-95-0748
CONSTRN. CONTR. NO. N62467-95-C-0748
NAVFAC DRAWING NO. 5321378
SHEET 489 OF
TE614

PANEL "TL2F1" (2-SECTION) 120/208 VOLT, 3 PHASE, 4 WIRE, 225 AMP MAIN LUGS ONLY, SURFACE MOUNTEO. ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY OF 10,000 RMS SYMMETRICAL AMPERES.

CKT. NO.	POLE	TRIP	LOAD KVA	SERVES	CKT. NO.	POLE	TRIP	LOAO KVA	SERVES
1	1	20	1.08	REC RMS P203,P206	2	1	20	1.08	REC RMS P200,P202
3	1	20	0.72	REC RMS P206,P207	4	1	20	1.26	REC RMS P200
△1 5	1	20	1.26	REC RMS P205,P206,P207	6	1	20	1.26	REC RMS P202,P203
7	1	20	0.72	REC RMS P212	8	1	20	1.08	REC RMS P203A,P213,P214
9	1	20	1.08	REC RMS P202,P203	10	1	20	1.26	REC RMS P212,P213
11	1	20	1.26	REC RMS P204	12	1	20	1.08	REC RMS P212,P213,P214
13	1	20	0.90	REC RM P215	14	1	20	1.08	REC RMS P230,P232,P235
△1 15	1	20	1.26	REC RMS P03A,P211,P215	16	1	20	0.90	REC RMS P230,P232
17	1	20	0.90	REC RMS P211	18	1	20	1.08	REC RMS P235
19	1	20	1.26	REC RMS P228,P226	20	1	20	1.26	REC RMS P229,P227
21	1	20	1.26	REC RMS P228,P230	22	1	20	1.26	REC RMS P231,P229
23	1	20	0.90	REC RMS P230,P232	24	1	20	1.08	REC RMS P222,P231
25	1	20	1.08	REC RMS P226	26	1	20	1.08	REC RMS P217,P218
27	1	20	1.12	REC RMS P222,P227,P224 & LIGHTING	28	1	20	0.90	REC RMS P217
29	1	20	1.26	REC RMS P216,P221,P218	30	1	20	0.90	MICROWAVE P223
31	1	20	1.08	REC RMS P214,P216	32	1	20	0.50	EWC P223
33	1	20	0.60	VENDING P223	34	1	20	0.60	VENOING P223
35	1	20	0.60	VENDING P223	36	1	20	0.60	VENDING P223
37	1	20	0.36	REC RM P337	38	1	20	0.18	REC RM P220
39	1	20	0.60	AHU LIGHTING & EMCS RM P337	40	1	20	0.80	HVAC NETWORK CONTROL UNIT
41	1	20	0.70	EXH FAN EF-T-13	42	1	20	0.18	CLOCK POWER "T2FW"
43	1	20	----	SPARE	44	1	20	1.0	REFRIGERATOR RM P208
45	1	20	----	SPARE	46	1	20	1.0	COFFEE MAKER RM P208
47	1	20	----	SPARE	48	1	20	1.08	REC RMS P207,P208
49	-	--	----	-----	50	1	20	0.36	REC TEL BD "T2E" (VOICE)
51	3	50	10.08	SHREDDER RM P208	52	1	20	0.36	REC TEL BO "T2E" (OATA)
53	-	--	----	-----	54	1	--	----	SPACE
55	-	--	----	-----	56	1	--	----	SPACE
57	3	40	7.38	PANEL "TL2F3"	58	1	--	----	SPACE
59	-	--	----	-----	60	1	--	----	SPACE

TOTAL CONNECTEO LOAD: 60.68 KVA △1

PANEL "TL2F3" 120/208 VOLT, 3 PHASE, 4 WIRE, 40 AMP MAIN BREAKER WITH 120 V. UNOERVOLTAGE RELEASE COIL, SURFACE MOUNTED. ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY OF 10,000 RMS SYMMETRICAL AMPERES. PANEL U.L. LISTED SUITABLE FOR NON-LINEAR LOADS.

CKT. NO.	POLE	TRIP	LOAD KVA	SERVES	CKT. NO.	POLE	TRIP	LOAD KVA	SERVES
1	1	20	0.72	RECEPTACLES WEST	2	1	20	0.72	RECEPTACLES EAST
3	1	20	0.72	RECEPTACLES WEST	4	1	20	0.54	RECEPTACLES EAST
5	1	20	0.54	RECEPTACLES WEST	6	1	20	0.54	RECEPTACLES EAST
7	1	20	0.54	FLOOR RECEPTACLES WEST	8	1	20	0.54	FLOOR RECEPTACLES EAST
9	1	20	0.72	RECEPTACLES SOUTH	10	1	20	0.72	RECEPTACLES NORTH
11	1	20	0.54	RECEPTACLES SOUTH	12	1	20	----	SPARE
13	1	20	0.54	RECEPTACLES SOUTH	14	1	--	----	SPACE
15	1	20	----	SPARE	16	1	--	----	SPACE

TOTAL CONNECTED LOAD: 7.38 KVA

PANEL "TH3F1" (2-SECTION) 277/480 VOLT, 3 PHASE, 4 WIRE, 400 AMP MAIN LUGS ONLY, SURFACE MOUNTED. ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY OF 18,000 RMS SYMMETRICAL AMPERES.

CKT. NO.	POLE	TRIP	LOAD KVA	SERVES	CKT. NO.	POLE	TRIP	LOAD KVA	SERVES
1	1	20	2.53	FTU 11/36	2	1	20	2.53	FTU 11/34
3	1	20	3.03	FTU 11/35	4	1	20	2.53	FTU 11/33
5	1	20	3.53	FTU 11/31	6	1	20	2.53	FTU 11/32
7	1	20	2.53	FTU 11/39	8	1	20	1.64	FTU 11/41
9	1	20	2.53	FTU 11/38	10	1	20	0.63	FTU 11/44
11	1	20	1.75	FTU 11/37	12	1	20	3.03	FTU 11/40
13	1	20	1.14	FTU 11/42	14	1	20	2.66	FTU 13/37 ANO VAV 11/7
15	1	20	1.75	FTU 11/43	16	1	20	1.25	FTU 13/38
△1 17	1	20	1.69	FTU 11/44, VAV 11/8 ANO 11/9	18	1	20	3.03	FTU 13/36
19	1	20	2.03	FTU 13/33	20	1	20	----	SPARE
21	1	20	3.03	FTU 13/32	22	1	20	----	SPARE
23	1	20	----	SPARE	24	1	20	----	SPARE
25	1	20	----	SPARE	26	1	20	3.32	LTG RMS P307,P313,P328,P328A
27	1	20	----	SPARE	28	1	20	2.80	LTG RMS P321,P322,P324,P326
29	1	20	4.13	NOTE 1	30	1	20	3.46	LTG RMS P305,P307,P309,P311
31	1	20	3.50	LTG RMS P306,P308,P310,P312,P314A	32	1	20	0.84	ATTIC LIGHTING
33	1	20	3.98	LTG RMS P300,P301,P302,P303	34	1	20	3.50	UH-T2 RM P401
35	1	--	----	SPACE	36	1	--	----	SPACE
37	1	--	----	SPACE	38	1	--	----	SPACE
39	1	--	----	SPACE	40	1	--	----	SPACE
41	1	--	----	SPACE	42	1	--	----	SPACE
43	1	--	----	SPACE	44	-	--	----	-----
45	1	--	----	SPACE	46	3	20	9.14	AHU-T12
47	1	--	----	SPACE	48	-	--	----	-----
49	-	--	----	-----	50	-	--	----	-----
51	3	20	1.16	HW-T6	52	3	20	6.32	EF-T6
53	-	--	----	-----	54	-	--	----	-----
55	-	--	----	-----	56	-	--	----	-----
57	3	125	54.0	AHU-T11	△1 58	3	100	60.0	EDH-T6
59	-	--	----	-----	60	-	--	----	-----

TOTAL CONNECTED LOAD: 201.52 KVA

1. LTG RMS P316,P317,P318,P319,P320,P119A,P320A,P323,P325

PANEL INDEX

TL2F1 TH3F1

TL2F3

TRAINING FACILITY

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.

9512TE17 (PS14)

VOA ASSOCIATES, INC.
ARCHITECTURE | PLANNING | INTERIORS
300 SOUTH ORANGE AVENUE SUITE 1000 ORLANDO, FL 32801-3438

PREP BY K. BEAVERS DATE 7/26/96 APPRVD CKM

REV. DESCRIPTION
△1 GENERAL REVISIONS

NAVAL FACILITIES ENGINEERING COMMAND
SOUTHERN DIVISION
CHARLESTON, S.C.
DEPARTMENT OF THE NAVY

S STATION CHARLESTON, S.C.
IPTC TRAINING COMPLEX
PANEL SCHEDULES

DATE 5-21-96

CODE I.D NO. 80091
DRAWING SIZE: D
SPEC. NO. 06-95-0748
CONSTRN. CONTR. NO. N62467-95-C-0748
NAVFAC DRAWING NO. 5321379
SHEET 490 OF
TE615

PANEL "TL3F1" (2-SECTION) 120/208 VOLT, 3 PHASE, 4 WIRE, 225 AMP MAIN LUGS ONLY, SURFACE MOUNTED. ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY OF 10,000 RMS SYMMETRICAL AMPERES.

CKT. NO.	POLE	TRIP	LOAD KVA	SERVES	CKT. NO.	POLE	TRIP	LOAD KVA	SERVES
1	1	20	0.90	REC RMS P302,P304,P307A	2	1	20	1.26	REC RMS P306,P308
3	1	20	0.90	REC RMS P301,P302	4	1	20	1.08	REC RMS P304,P306
5	1	20	1.08	REC RM P300	6	1	20	1.08	REC RMS P302,P304
7	1	20	0.90	REC RMS P305,P307,P309,P307A	8	1	20	1.26	REC RMS P308,P310,P314
9	1	20	1.26	REC RMS P305,P307,P309	10	1	20	1.26	REC RMS P308,P310,P314
11	1	20	1.26	REC RMS P305	12	1	20	1.26	REC RMS P308,P310
13	1	20	1.26	REC RMS P307A,P313,P309,P311	14	1	20	1.26	REC RM P313
15	1	20	1.26	REC RMS P309,P311	16	1	20	1.08	REC RMS P311,P313
17	1	20	1.26	REC RMS P307,P309	18	1	20	1.08	REC RMS P324,P326
19	1	20	1.26	REC RMS P322,P324	20	1	20	1.08	REC RMS P321,P322,P324,P326
△1 21	1	20	1.26	REC RMS P321,P322,P328B	22	1	20	1.26	REC RMS P312,P314,P314A
23	1	20	1.12	REC RMS P319,P323 AND LIGHTING	24	1	20	1.08	REC RMS P312,P314A,P320
25	1	20	1.08	REC RMS P323,P325	26	1	20	0.90	MICROWAVE P318
△1 27	1	20	1.08	REC RMS P323,P325,P328	28	1	20	0.50	EWC P318
29	1	20	0.60	VENDING P318	30	1	20	0.60	VENDING P318
31	1	20	0.60	VENDING P318	32	1	20	0.60	VENDING P318
33	1	20	0.36	REC RM P401	34	1	20	0.36	REC TEL BD "T3E" (VOICE)
35	1	20	0.60	AHU LIGHTING AND EMCS RM P401	36	1	20	0.36	REC TEL BD "T3E" (DATA)
37	1	20	----	SPARE	38	1	20	0.18	REC RM P317
39	1	20	----	SPARE	40	1	20	0.18	CLOCK POWER "T3FW"
41	1	20	----	SPARE	42	1	20	----	SPARE
43	1	20	----	SPARE	44	1	20	----	SPARE
45	1	--	----	SPACE	46	1	--	----	SPACE
47	1	--	----	SPACE	48	1	--	----	SPACE
49	1	--	----	SPACE	50	1	--	----	SPACE
51	1	--	----	SPACE	52	1	--	----	SPACE
53	1	--	----	SPACE	54	1	--	----	SPACE
55	1	--	----	SPACE	56	1	--	----	SPACE
57	1	--	----	SPACE	58	2	30	4.50	WATER HEATER WH-T-11 RM P301
59	1	--	----	SPACE	60	-	--	----	----

TOTAL CONNECTED LOAD: 40.25 KVA △1

PANEL "TH1F2" (2-SECTION) 277/480 VOLT, 3 PHASE, 4 WIRE, 225 AMP MAIN LUGS ONLY, SURFACE MOUNTED. ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY OF 18,000 RMS SYMMETRICAL AMPERES.

CKT. NO.	POLE	TRIP	LOAD KVA	SERVES	CKT. NO.	POLE	TRIP	LOAD KVA	SERVES
1	1	20	1.25	FTU 13/7	2	1	20	3.03	FTU 13/9
3	1	20	1.75	FTU 13/6	4	1	20	1.75	FTU 13/5
5	1	20	1.78	FTU 13/3 AND VAV 13/1	6	1	20	0.63	FTU 13/4
7	1	20	3.03	FTU 13/10	8	1	20	3.56	FTU 13/12 AND VAV 13/2
9	1	20	1.25	FTU 13/8	10	1	20	1.75	FTU 13/3
11	1	20	1.78	FTU 17/10 AND VAV 17/5	12	1	20	3.03	FTU 17/12
13	1	20	3.03	FTU 17/11	14	1	20	1.28	FTU 17/6 AND VAV 17/1
15	1	20	3.03	FTU 17/7	16	1	20	3.03	FTU 17/4
17	1	20	1.75	FTU 17/5	18	1	20	3.53	FTU 13/2 AND VAV 13/3
19	1	20	3.03	FTU 17/3	20	1	20	2.03	FTU 15/8
21	1	20	3.53	FTU 17/1	22	1	20	1.14	FTU 13/1
23	1	20	----	SPARE	24	1	20	4.02	FTU 13/11
25	1	20	----	SPARE	26	1	20	4.02	FTU 17/2
27	1	20	----	SPARE	28	1	20	----	SPARE
29	1	20	0.93	LTG RM P164A	30	1	20	----	SPARE
31	1	20	4.16	LTG RMS P150,P152,P158,P159,P160	32	1	20	4.26	LTG RMS P127,P140,P141,P142,P143A
33	1	20	3.66	LTG RMS P156,P157,P162,P164,P166	34	1	20	3.62	NOTE 1
35	1	20	3.12	LTG RMS P153,P155	36	1	20	0.77	LTG STAIR NO. 8
37	1	20	3.12	LTG RMS P166,P167	38	1	20	0.77	LTG STAIR NO. 9
39	1	20	3.12	LTG RMS P161,P163,P167	40	1	20	----	SPARE
41	1	20	----	SPARE	42	1	20	----	SPARE
43	1	--	----	SPACE	44	1	--	----	SPACE
45	1	--	----	SPACE	46	1	--	----	SPACE
47	1	--	----	SPACE	48	1	--	----	SPACE
49	1	--	----	SPACE	50	1	--	----	SPACE
51	1	--	----	SPACE	52	1	--	----	SPACE
53	1	--	----	SPACE	54	1	--	----	SPACE
55	1	--	----	SPACE	56	1	--	----	SPACE
57	1	--	----	SPACE	58	1	--	----	SPACE
59	1	--	----	SPACE	60	1	--	----	SPACE

TOTAL CONNECTED LOAD: 85.54 KVA

1. LTG RMS D118,D118A,P136,P137,P138,P139,P144,P145

PANEL "TH1FDP2" 277/480 VOLT, 3 PHASE, 4 WIRE, 800 AMP MAIN BREAKER, SURFACE MOUNTED. ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY OF 18,000 RMS SYMMETRICAL AMPERES.

CKT. NO.	POLE	TRIP	LOAD KVA △1	SERVES	CKT. NO.	POLE	TRIP	LOAD KVA	SERVES
1	3	225	134.7	PANEL "TH3F2"	2	3	225	173.2	PANEL "TH2F2"
3	3	125	74.91	TRANSFORMER "T-T1F2"	4	3	150	85.54	PANEL "TH1F2"
5	3	70	33.11	TRANSFORMER "T-T1G1"	6	3	--	----	SPACE
7	3	--	----	SPACE	8	3	--	----	SPACE
9	3	--	----	SPACE	10	3	--	----	SPACE

TOTAL CONNECTED LOAD: 501.46 KVA △1

PANEL "TL1F2" △1 120/208 VOLT, 3 PHASE, 4 WIRE, 300 AMP MAIN BREAKER, SURFACE MOUNTED. ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY OF 10,000 RMS SYMMETRICAL AMPERES.

CKT. NO.	POLE	TRIP	LOAD KVA	SERVES	CKT. NO.	POLE	TRIP	LOAD KVA	SERVES
1	-	--	----	----	2	-	--	----	----
3	3	100	17.52	PANEL "TL3F2" △1	4	3	125	32.01	PANEL "TL2F2"
5	-	--	----	----	6	-	--	----	----
7	1	20	1.26	REC RMS P144,P145	8	1	20	0.90	REC RMS P142,P143
9	1	20	0.90	REC RMS P138,P139,P144	10	1	20	1.08	REC RMS P141,P142
11	1	20	1.08	REC RMS D118,P137,P138	12	1	20	0.90	REC RMS P127,P140,P141
13	1	20	0.90	REC RMS P151,P153	14	1	20	0.90	REC RMS P150,P164A
15	1	20	1.08	REC RMS P151,P153	16	1	20	0.90	REC RMS P149,P151
17	1	20	1.08	REC RMS P153,P155	18	1	20	1.26	REC RM P149
19	1	20	1.08	REC RMS P142,P150	20	1	20	0.90	REC RMS 143,P145
21	1	20	1.08	REC RMS P150,P152	22	1	20	0.90	REC RMS 139,P144,P145
23	1	20	1.08	REC RMS P152,P164A	24	1	20	1.08	REC RMS P138,P139
25	1	20	1.08	REC RMS P136,P137	26	1	20	1.26	REC RMS P137,P138
27	1	20	1.08	REC RMS P133A,P136,P143	28	1	20	1.08	REC RMS P139,P144
29	1	20	1.26	REC RMS D118,D118A,P136	30	1	20	0.36	REC TEL BD "T1F" (VOICE)
31	1	20	----	SPARE	32	1	20	0.36	REC TEL BD "T1F" (DATA)
33	1	20	----	SPARE	34	1	20	0.18	CLOCK POWER "T1FE"
35	1	20	----	SPARE	36	1	20	0.36	REC P146,P147
37	1	20	----	SPARE	38	1	20	----	SPARE
39	1	--	----	SPACE	40	1	--	----	SPACE
41	1	--	----	SPACE	42	1	--	----	SPACE

TOTAL CONNECTED LOAD: 74.91 KVA △1

PANEL INDEX	
TL3F1	TH1F2
TH1FDP2	TL1F2

TRAINING FACILITY

IF SHEET IS LESS THAN (22"x34") IT IS A REDUCED PRINT, SCALE REDUCED ACCORDINGLY.

9512TE17 (PSIS)

DESIGNS OF RECORD: VOA ASSOCIATES, INC. ARCHITECTURE / PLANNING / INTERIORS 2100 SOUTH OCEAN AVENUE STE 1200 ORLANDO, FL 32805-2438

DES. PHILLIPS DR. THOMPSON CHK. MORLEY PM. PARTNER 21 MAY 1996 PRINC. PROJ. MGR. E. L. MELETIS

REV.	DESCRIPTION	PREP BY	DATE	APPRVD
△1	GENERAL REVISIONS	K. BEAVERS	7/26/96	EMM

NAVAL FACILITIES ENGINEERING COMMAND — SOUTHERN DIVISION, CHARLESTON, S.C. — DEPARTMENT OF THE NAVY

NAVAL WEAPONS STATION CHARLESTON, S.C.

NNPTC TRAINING COMPLEX

PANEL SCHEDULES

DATE 5-21-96 — CFD FOR COMMANDER, NAVFAC — APPROVED

SEAL AREA: KENNETH F. BEAVERS, CERTIFICATE No. 31[illegible], STATE OF FLORIDA, REGISTERED ENGINEER

RECORD DRAWING DATE

CODE I.D NO. 80091

DRAWING SIZE: D

SPEC. NO. 06-95-0748

CONSTRN. CONTR. NO. N62467-95-C-0748

NAVFAC DRAWING NO. 5321380

SHEET 491 OF

TE616