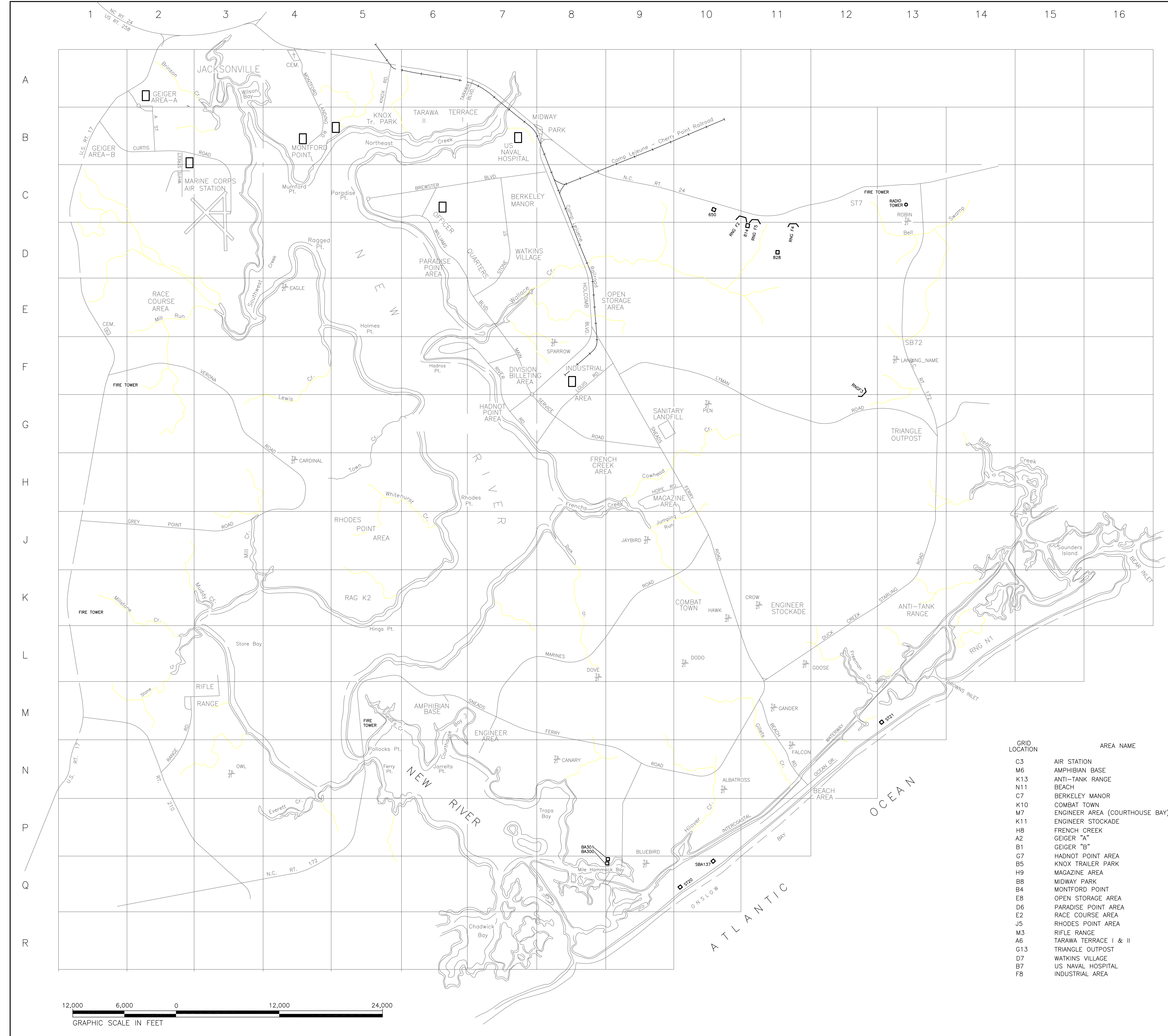
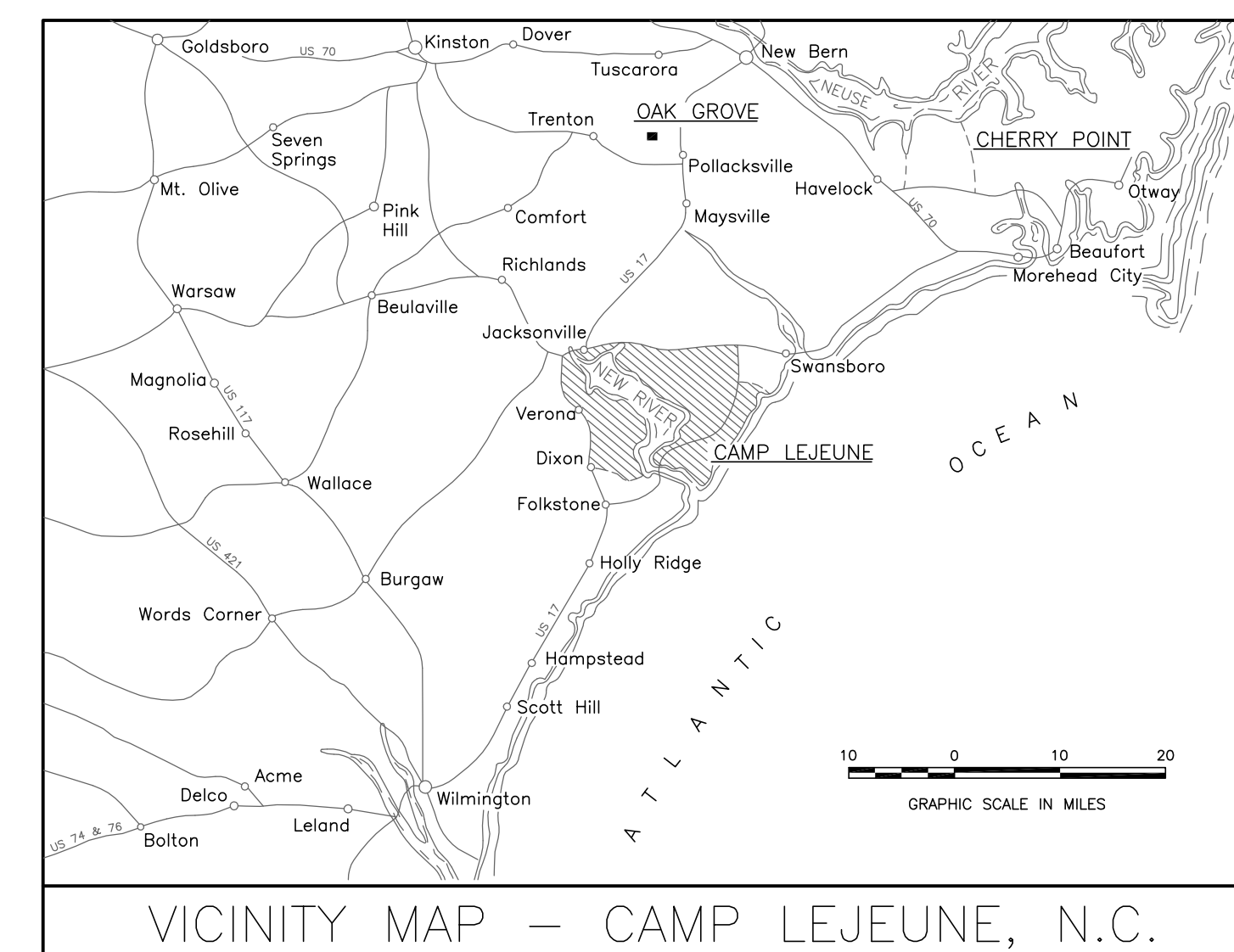


REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS CAMP LEJEUNE C.



GRID LOCATION	AREA NAME
C3	AIR STATION
M6	AMPHIBIAN BASE
K13	ANTI-TANK RANGE
N11	BEACH
C7	BERKELEY MANOR
K10	COMBAT TOWN
M7	ENGINEER AREA (COURTHOUSE BAY)
K11	ENGINEER STOCKADE
H8	FRENCH CREEK
A2	GEIGER "A"
B1	GEIGER "B"
G7	HADNOT POINT AREA
B5	KNOX TRAILER PARK
H9	MAGAZINE AREA
B8	MIDWAY PARK
B4	MONTFORD POINT
E8	OPEN STORAGE AREA
D6	PARADISE POINT AREA
E2	RACE COURSE AREA
J5	RHODES POINT AREA
M3	RIFLE RANGE
A6	TARAWA TERRACE I & II
G13	TRIANGLE OUTPOST
D7	WATKINS VILLAGE
B7	US NAVAL HOSPITAL
F8	INDUSTRIAL AREA



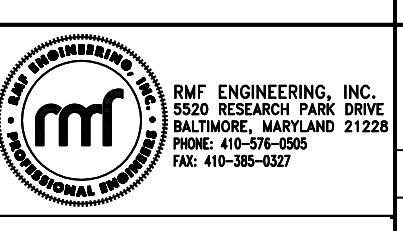
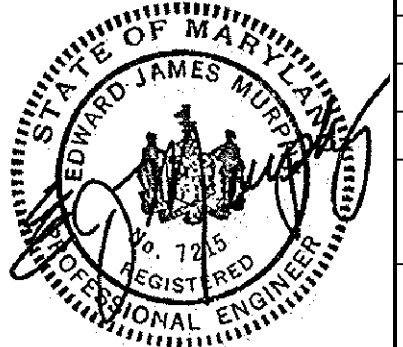
SITE MAP - U. S. MARINE CORPS BASE - CAMP LEJEUNE, N.C.

DATE: 7/30/2010	FINAL SUBMISSION	T0.01
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
	DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
	CHK EJM	TITLE SHEET
	SUPV JWM	IN CH .
	APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO
	SATISFACTORY TO DATE	F NOTED
		NAVFAC DRAWING NO. 60006359
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 1 OF 102

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

LIST OF DRAWINGS			
NO.	NAVFAC NO.	TITLE	SHEET NO.
T0.01	60006358	TITLE SHEET	1
T0.02	60006359	LIST OF DRAWINGS	2
E0.01	60006360	LEGENDS AND ABBREVIATIONS	3
E1.01	60006361	BUILDING NO. 2 FIRST FLOOR – FIRE ALARM SYSTEM	4
E1.02	60006362	BUILDING NO. 6 & NO. 101 FIRST FLOOR – FIRE ALARM SYSTEM	5
E1.03	60006363	BUILDING NO. 7 FIRST FLOOR – FIRE ALARM SYSTEM	6
E1.04	60006364	BUILDING NO. 8 FIRST FLOOR – FIRE ALARM SYSTEM	7
E1.05	60006365	BUILDING NO. 9 & NO. 122 FIRST FLOOR – FIRE ALARM SYSTEM	8
E1.06	60006366	BUILDING NO. 15 FIRST FLOOR – FIRE ALARM SYSTEM	9
E1.07	60006367	BUILDING NO. 18 FIRST FLOOR – FIRE ALARM SYSTEM	10
E1.08	60006368	BUILDING NO. 19 ORCHESTRA – FIRE ALARM SYSTEM	11
E1.09	60006369	BUILDING NO. 27 GROUND FLOOR – FIRE ALARM SYSTEM	12
E1.10	60006370	BUILDING NO. 39 FIRST FLOOR – FIRE ALARM SYSTEM	13
E1.11	60006371	BUILDING NO. 40 FIRST FLOOR – FIRE ALARM SYSTEM	14
E1.12	60006372	BUILDING NO. 43 FIRST FLOOR – FIRE ALARM SYSTEM	15
E1.13	60006373	BUILDING NO. 54 FIRST FLOOR – FIRE ALARM SYSTEM	16
E1.14	60006374	BUILDING NO. 62 FIRST FLOOR – FIRE ALARM SYSTEM	17
E1.15	60006375	BUILDING NO. 63 FIRST FLOOR – FIRE ALARM SYSTEM	18
E1.16	60006376	BUILDING NO. 64 FIRST FLOOR – FIRE ALARM SYSTEM	19
E1.17	60006377	BUILDING NO. 65 FIRST FLOOR – FIRE ALARM SYSTEM	20
E1.18	60006378	BUILDING NO. 66 FIRST FLOOR – FIRE ALARM SYSTEM	21
E1.19	60006379	BUILDING NO. 67 FIRST FLOOR – FIRE ALARM SYSTEM	22
E1.20	60006380	BUILDING NO. 80 FIRST FLOOR – FIRE ALARM SYSTEM	23
E1.21	60006381	BUILDING NO. 84 FIRST FLOOR – FIRE ALARM SYSTEM	24
E1.22	60006382	BUILDING NO. 107, NO. 106, NO. 226, NO. 408, NO. 424 & NO. 509 FIRST FLOOR – FIRE ALARM SYSTEM	25
E1.23	60006383	BUILDING NO. 111 FIRST FLOOR – FIRE ALARM SYSTEM	26
E1.24	60006384	BUILDING NO. 114, NO. 216, NO. 315, NO. 501 & NO. 516 FIRST FLOOR – FIRE ALARM SYSTEM	27
E1.25	60006385	BUILDING NO. 115 & NO. 401 FIRST FLOOR – FIRE ALARM SYSTEM	28
E1.26	60006386	BUILDING NO. 116 FIRST FLOOR – FIRE ALARM SYSTEM	29
E1.27	60006387	BUILDING NO. 119 & NO. 421 FIRST FLOOR – FIRE ALARM SYSTEM	30
E1.28	60006388	BUILDING NO. 123, NO. 320 & NO. 522 FIRST FLOOR – FIRE ALARM SYSTEM	31
E1.29	60006389	BUILDING NO. 147 – FIRE ALARM SYSTEM	32
E1.30	60006390	BUILDING NO. 201 FIRST FLOOR – FIRE ALARM SYSTEM	33
E1.31	60006391	BUILDING NO. 214, NO. 317, NO. 516 & NO. 526 FIRST FLOOR – FIRE ALARM SYSTEM	34
E1.32	60006392	BUILDING NO. 221 FIRST FLOOR – FIRE ALARM SYSTEM	35
E1.33	60006393	BUILDING NO. 223 FIRST FLOOR – FIRE ALARM SYSTEM	36
E1.34	60006394	BUILDING NO. 225 FIRST FLOOR – FIRE ALARM SYSTEM	37
E1.35	60006395	BUILDING NO. 233 FIRST FLOOR – FIRE ALARM SYSTEM	38
E1.36	60006396	BUILDING NO. 300 FIRST FLOOR – FIRE ALARM SYSTEM	39
E1.37	60006397	BUILDING NO. 318 FIRST FLOOR – FIRE ALARM SYSTEM	40
E1.38	60006398	BUILDING NO. 321 FIRST FLOOR – FIRE ALARM SYSTEM	41
E1.39	60006399	BUILDING NO. 324 FIRST FLOOR – FIRE ALARM SYSTEM	42
E1.40	60006400	BUILDING NO. 326 FIRST FLOOR – FIRE ALARM SYSTEM	43
E1.41	60006401	BUILDING NO. 400 FIRST FLOOR – FIRE ALARM SYSTEM	44
E1.42	60006402	BUILDING NO. 419 FIRST FLOOR – FIRE ALARM SYSTEM	45
E1.43	60006403	BUILDING NO. 425 FIRST FLOOR – FIRE ALARM SYSTEM	46
E1.44	60006404	BUILDING NO. 500 FIRST FLOOR – FIRE ALARM SYSTEM	47
E1.45	60006405	BUILDING NO. 503 FIRST FLOOR – FIRE ALARM SYSTEM	48
E1.46	60006406	BUILDING NO. 510 FIRST FLOOR – FIRE ALARM SYSTEM	49
E1.47	60006407	BUILDING NO. 514 & NO. 523 FIRST FLOOR – FIRE ALARM SYSTEM	50
E1.48	60006408	BUILDING NO. 519 FIRST FLOOR – FIRE ALARM SYSTEM	51

LIST OF DRAWINGS			
NO.	NAVFAC NO.	TITLE	SHEET NO.
E1.49	60006409	BUILDING NO. 524 FIRST FLOOR – FIRE ALARM SYSTEM	52
E1.50	60006410	BUILDING NO. 527 FIRST FLOOR – FIRE ALARM SYSTEM	53
E1.51	60006411	BUILDING NO. 564 FIRST FLOOR – FIRE ALARM SYSTEM	54
E1.52	60006412	BUILDING NO. 575 – FIRE ALARM SYSTEM	55
E1.53	60006413	BUILDING NO. 780 FIRST FLOOR – FIRE ALARM SYSTEM	56
E1.54	60006414	BUILDING NO. 798 FIRST FLOOR – FIRE ALARM SYSTEM	57
E1.55	60006415	BUILDING NO. 799 FIRST FLOOR – FIRE ALARM SYSTEM	58
E1.56	60006416	BUILDING NO. 842 FIRST FLOOR – FIRE ALARM SYSTEM	59
E1.57	60006417	BUILDING NO. 901 FIRST FLOOR – FIRE ALARM SYSTEM	60
E1.58	60006418	BUILDING NO. 903 – FIRE ALARM SYSTEM	61
E1.59	60006419	BUILDING NO. 905 & NO. 914 FIRST FLOOR – FIRE ALARM SYSTEM	62
E1.60	60006420	BUILDING NO. 906 FIRST FLOOR – FIRE ALARM SYSTEM	63
E1.61	60006421	BUILDING NO. 907 FIRST FLOOR – FIRE ALARM SYSTEM	64
E1.62	60006422	BUILDING NO. 909 GROUND FLOOR – FIRE ALARM SYSTEM	65
E1.63	60006423	BUILDING NO. 989 FIRST FLOOR – FIRE ALARM SYSTEM	66
E1.64	60006424	BUILDING NO. 1005 FIRST FLOOR – FIRE ALARM SYSTEM	67
E1.65	60006425	BUILDING NO. 1023 FIRST FLOOR – FIRE ALARM SYSTEM	68
E1.66	60006426	BUILDING NO. 1057 FIRST FLOOR – FIRE ALARM SYSTEM	69
E1.67	60006427	BUILDING NO. 1101 – FIRE ALARM SYSTEM	70
E1.68	60006428	BUILDING NO. 1108 FIRST FLOOR – FIRE ALARM SYSTEM	71
E1.69	60006429	BUILDING NO. 1119 FIRST FLOOR – FIRE ALARM SYSTEM	72
E1.70	60006430	BUILDING NO. 1231 AREA A – FIRE ALARM SYSTEM	73
E1.71	60006431	BUILDING NO. 1231 AREA B – FIRE ALARM SYSTEM	74
E1.72	60006432	BUILDING NO. 1231 AREA G – FIRE ALARM SYSTEM	75
E1.73	60006433	BUILDING NO. 1308 FIRST FLOOR – FIRE ALARM SYSTEM	76
E1.74	60006434	BUILDING NO. 1323 FIRST FLOOR – FIRE ALARM SYSTEM	77
E1.75	60006435	BUILDING NO. 1400 FIRST FLOOR – FIRE ALARM SYSTEM	78
E1.76	60006436	BUILDING NO. 1403 FIRST FLOOR – FIRE ALARM SYSTEM	79
E1.77	60006437	BUILDING NO. 2602, 2603, 2604, 2605, 2607, 2609, 2611 & 2613 FIRST FLOOR – FIRE ALARM SYSTEM	80
E1.78	60006438	BUILDING NO. 2617 FIRST FLOOR – FIRE ALARM SYSTEM	81
E1.79	60006439	BUILDING NO. AS-122 FIRST FLOOR – FIRE ALARM SYSTEM	82
E1.80	60006440	BUILDING NO. AS-130 FIRST FLOOR – FIRE ALARM SYSTEM	83
E1.81	60006441	BUILDING NO. AS-208 FIRST FLOOR – FIRE ALARM SYSTEM	84
E1.82	60006442	BUILDING NO. AS-214 & AS217 FIRST FLOOR – FIRE ALARM SYSTEM	85
E1.83	60006443	BUILDING NO. AS-232 FIRST FLOOR – FIRE ALARM SYSTEM	86
E1.84	60006444	BUILDING NO. AS-541, NO. 420 & AS4171 FIRST FLOOR – FIRE ALARM SYSTEM	87
E1.85	60006445	BUILDING NO. AS-4044 FIRST FLOOR – FIRE ALARM SYSTEM	88
E1.86	60006446	BUILDING NO. FC-115 FIRST FLOOR – FIRE ALARM SYSTEM	89
E1.87	60006447	BUILDING NO. FC120 FIRST FLOOR – FIRE ALARM SYSTEM	90
E1.88	60006448	BUILDING NO. FC364 FIRST FLOOR – FIRE ALARM SYSTEM	91
E1.89	60006449	BUILDING NO. G920 FIRST FLOOR – FIRE ALARM SYSTEM	92
E1.90	60006450	BUILDING NO. HP250 FIRST FLOOR – FIRE ALARM SYSTEM	93
E1.91	60006451	BUILDING NO. HP504, HP505, HP507, HP508, HP509, HP510 & BB260 FIRST FLOOR – FIRE ALARM SYSTEM	94
E1.92	60006452	BUILDING NO. LCH4025 FIRST FLOOR – FIRE ALARM SYSTEM	95
E1.93	60006453	BUILDING NO. M107 FIRST FLOOR – FIRE ALARM SYSTEM	96
E1.94	60006454	BUILDING NO. M430, M435, M440, M445 & M450 FIRST FLOOR – FIRE ALARM SYSTEM	97
E1.95	60006455	BUILDING NO. M607 FIRST FLOOR – FIRE ALARM SYSTEM	98
E1.96	60006456	BUILDING NO. TT60 GROUND FLOOR – FIRE ALARM SYSTEM	99
E1.97	60006457	BUILDING NO. TT-2475 FIRST FLOOR – FIRE ALARM SYSTEM	100
E4.01	60006458	FIRE ALARM DETAILS	101
E4.02	60006459	FIRE ALARM SYSTEM NOTES AND ABBREVIATIONS	102

DATE: 7/30/2010	FINAL SUBMISSION	T0.02
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS DR MCW CHK EJM SUPV JWM IN CH .	MARINE CORPS BASE, CAMP LEJEUNE, N.C. UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS DRAWING LIST
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	NAVFAC DRAWING NO.
SATISFACTORY TO DATE	F NOTED	60006359
	SCALE NOTED SPEC	CONSTRUCTION CONTRACT NO. N40085-09-B-0093 SHEET 2 OF 102

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REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

POWER SYMBOLS

SYMBOL	DESCRIPTIONS
	PANELBOARD
	DISTRIBUTION PANELBOARD
	RACEWAY "UP" OR "TOWARDS"
	RACEWAY "DOWN" OR "AWAY"
	CIRCUIT CONCEALED IN WALLS OR CEILING SPACE. CONDUCTORS SHALL BE MINIMUM 2#12 AWG AND 1#12 AWG GROUND IN 3/4" CONDUIT, (UNLESS OTHERWISE NOTED)
	RACEWAY CONCEALED IN SLAB OR BELOW GRADE.
	BRANCH CIRCUIT HOMERUN TO PANELBOARD. QUANTITY OF CIRCUITS INDICATED BY ARROWS (→). NUMBER OF CONDUCTORS SHALL BE MINIMUM 4#12 AWG AND 1#12 AWG GROUND IN 3/4" CONDUIT, (UNLESS OTHERWISE NOTED)
	RACEWAY RUN EXPOSED. CONDUCTORS SHALL BE MINIMUM 2#12 AWG AND 1#12 AWG IN 3/4" CONDUIT, (UNLESS OTHERWISE NOTED)

LIGHTING SYMBOLS

SYMBOL	DESCRIPTIONS	MH (UON)
\$	SINGLE POLE TOGGLE SWITCH	48" TOD
\$ ₂	SWITCH - SUBLETTER INDICATES FIXTURES CONTROLLED	48" TOD
\$ ₃	DOUBLE POLE TOGGLE SWITCH	48" TOD
\$ ₃	THREE-WAY TOGGLE SWITCH (SPDT)	48" TOD
\$ ₄	FOUR-WAY TOGGLE SWITCH (DPDT)	48" TOD
\$ _K	KEY OPERATED SWITCH	48" TOD
\$ _{3aD}	THREE WAY DIMMER SWITCH CONTROLLING FIXTURES INDICATED WITH LOWERCASE a.	48" TOD
\$ _M	MANUAL STARTER WITH OVERLOADS	48" TOD
\$ _p	SWITCH WITH PILOT LIGHT	48" TOD
\$ _D	INCANDESCENT DIMMER SWITCH	48" TOD
\$ _{LV}	LOW VOLTAGE CONTROL SWITCH	48" TOD
\$ _T	MANUAL TIME SWITCH	48" TOD
\$ _C	MOMENTARY CONTACT SWITCH	48" TOD
ES	OCCUPANCY SENSOR	
TC	TIME CLOCK	
R	RELAY	
LC	LIGHTING CONTACTOR	
PS	PHOTOCELL OR PUSHPLATE SWITCH	

SPECIAL SYSTEMS SYMBOLS

SYMBOL	DESCRIPTIONS	MH (UON)
SP	HORN TYPE SPEAKER	GENERAL NOTE 5
FL	FIRE ALARM FLASHING STROBE LIGHT - WALL MOUNTED	GENERAL NOTE 5
FR	FIRE ALARM HORN	GENERAL NOTE 5
FR	COMBINATION FIRE ALARM HORN AND FLASHING STROBE LIGHT	GENERAL NOTE 5
FR	COMBINATION FIRE ALARM SPEAKER AND FLASHING STROBE LIGHT	
M	MAGNETIC DOOR HOLDER	
FAAP	FIRE ALARM ANNUNCIATOR PANEL	
FACP	FIRE ALARM CONTROL PANEL	
RAM	RESCUE ASSISTANCE MASTER CONTROL PANEL	48" TOD
TRP	FIRE ALARM TRANSPONDER	
RAR	RESCUE ASSISTANCE REMOTE STATION	48" TOD
DART	DIGITAL ALARM COMMUNICATOR TRANSMITTER	
ES ES	DOOR SOLENOID, ELECTRIC STRIKE - LOCKING DEVICE CONNECTION POINT	
F	FIRE ALARM PULL STATION	48" TOD
H	HEAT DETECTOR	
AB	SMOKE DETECTOR (PHOTOELECTRIC), AB INDICATES AUDIBLE BASE, E INDICATES ELEVATOR CONTROLS	
S	SMOKE DETECTOR	
T	COMBINATION SMOKE AND THERMAL DETECTOR	
D	DUCT SMOKE DETECTOR	
ARC	FIRE ALARM SYSTEM ADDRESSABLE RELAY - CONTROL	
ARM	FIRE ALARM SYSTEM ADDRESSABLE RELAY - MONITOR	
RAL	FIRE ALARM SYSTEM REMOTE ALARM LIGHT	
FS	FLOW SWITCH CONNECTION	
TS	TAMPER SWITCH CONNECTION	
TR	FIRE ALARM LINEAR BEAM SMOKE DETECTOR TRANSMITTER & RECEIVER	48" TOD
TR	FIREMAN'S TELEPHONE JACK	36" CTR
M	MONITOR SYSTEM JB	
F	CEILING SPEAKER, F - FIRE ALARM	
AP	FIRE ALARM AIR PRESSURE SWITCH	
T	TELEPHONE SERVICE	
TR	TRANSMITTER	
OR	ANTENNA - ROOF MOUNTED	

ELECTRICAL ABBREVIATIONS

A, AMP	- AMPERE	KVAR	- KILOVOLT AMPERES REACTIVE
AC	- ALTERNATING CURRENT	KW	- KILOWATTS
A/C	- AIR CONDITIONING	KWH	- KILOWATT HOUR
AFF	- ABOVE FINISHED FLOOR	LA	- LIGHTNING ARRESTOR
AFG	- ABOVE FINAL GRADE	LC	- LIGHTING CONTACTOR
AHU	- AIR HANDLING UNIT	LTG	- LIGHTING
AIC	- AMPS INTERRUPTING CAPACITY	LTNG	- LIGHTNING
ALT	- ALTERNATE	LP	- LIGHTING PANEL
ANN	- ANNUNCIATOR	LRA	- LOCKED ROTOR AMPERES
APPROX	- APPROXIMATELY	MATV	- MASTER ANTENNA TELEVISION
ARCH	- ARCHITECT	MCB	- MAIN CIRCUIT BREAKER
ATC	- AUTOMATIC TEMPERATURE CONTROL	MCC	- MOTOR CONTROL CENTER
ATS	- AUTOMATIC TRANSFER SWITCH	MEH	- METAL HALIDE
AWG	- AMERICAN WIRE GAUGE	MH	- MANHOLE, MOUNTING HEIGHT
BAS	- BUILDING AUTOMATION SYSTEM	MLO	- MAIN LUGS ONLY
BFC	- BELOW FINISHED CEILING	MSP	- MOTOR STARTER PANEL
BFG	- BELOW FINISHED GRADE	MTD	- MOUNTED
BLDG	- BUILDING	MV	- MERCURY VAPOR
BOD	- BOTTOM OF DEVICE	NC	- NORMALLY CLOSED
C, CND	- CONDUIT	NEC	- NATIONAL ELECTRICAL CODE
CATV	- CABLE TELEVISION	NFSS	- NON-FUSED SAFETY SWITCH
CB	- CIRCUIT BREAKER	NO	- NUMBER, NORMALLY OPEN
CCTV	- CLOSED CIRCUIT TELEVISION	OC	- ON CENTER
CKT	- CIRCUIT	OFCI	- OWNER FURNISHED CONTRACTOR INSTALLED
CL	- CURRENT LIMITING	OFOI	- OWNER FURNISHED OWNER INSTALLED
CLG	- CEILING	OH	- OVERHEAD
CONN	- CONNECT	Ø, PH	- PHASE
CPT	- CONTROL POWER TRANSFORMER	P	- POLE
CT	- CURRENT TRANSFORMER	PB	- PUSHBUTTON
CTR	- CENTER	PF	- POWER FACTOR
CU, CO	- COPPER	PFCC	- POWER FACTOR CORRECTION CAPACITOR
CX	- CONNECT TO EXISTING	PL	- PILOT LIGHT
DC	- DIRECT CURRENT	PLC	- PROGRAMMABLE LIGHTING CONTROL
DISC	- DISCONNECT	PNL	- PANEL
DN	- DOWN	PP	- POWER PANEL
DP	- DISTRIBUTION PANEL	PR	- PAIR
DPST	- DOUBLE POLE SINGLE THROW	PT	- POTENTIAL TRANSFORMER
DPDT	- DOUBLE POLE DOUBLE THROW	PVC	- POLYVINYL CHLORIDE
DT	- DOUBLE THROW	Pp	- PUMP
DWG	- DRAWING	QTY	- QUANTITY
E, EMERG	- EMERGENCY	RCS	- REMOTE CONTROL SWITCH
EA	- EACH	REC, RECP	- RECEPTACLE
EC	- EMPTY CONDUIT	REQ'D	- REQUIRED
EF	- EXHAUST FAN	RFI	- RADIO FREQUENCY INTERFERENCE
EH	- ELECTRIC HEATER	RGS	- RIGID GALVANIZED STEEL
ELEC	- ELECTRIC	RLA	- RUNNING LOAD AMPERES
ELEV	- ELEVATION	RM	- ROOM
ETR	- EXISTING TO REMAIN	RVAT	- REDUCED VOLTAGE AUTO TRANSFORMER
EX	- EXISTING	RX	- REMOVE EXISTING
EXP	- EXPOSED	SC	- SURGE CAPACITOR
EWC	- ELECTRIC WATER COOLER	SEC	- SECONDARY
FR	- FRAME	SN, S/N	- SOLID NEUTRAL
FA	- FIRE ALARM	SP	- SURGE PROTECTION
FAAP	- FIRE ALARM ANNUNCIATOR PANEL	SPDT	- SINGLE POLE DOUBLE THROW
FACP	- FIRE ALARM CONTROL PANEL	SS	- SAFETY SWITCH
FBO	- FURNISHED BY OTHERS	SST	- SOLID STATE
FC	- FAN COIL	ST	- SINGLE THROW
FDR	- FEEDER	SW	- SWITCH
FLA	- FULL LOAD AMPERES	SWBD	- SWITCHBOARD
FLR	- FLOOR	TBR	- TO BE REMOVED
FU	- FUSED AND FUSIBLE	TC	- TIME CLOCK
FUSS	- FUSED SAFETY SWITCH	T	- TELEPHONE
FVR	- FULL VOLTAGE REVERSING	TOD	- TOP OF DEVICE
FVNR	- FULL VOLTAGE NON-REVERSING	TRANS/XFMR	- TRANSFORMER
GEN	- GENERATOR, GENERAL	TH	- TUNGSTEN HALOGEN
GFI	- GROUND FAULT INTERRUPTER	TTB	- TELEPHONE TERMINAL BOARD
GFR	- GROUND FAULT RELAY	TW	- TWISTED
GRD	- GROUND	TYP	- TYPICAL
GRS	- GALVANIZED RIGID STEEL	UG	- UNDERGROUND
HID	- HIGH INTENSITY DISCHARGE	UH	- UNIT HEATER
HOA	- HAND-OFF-AUTOMATIC	UON	- UNLESS OTHERWISE NOTED
HP	- HORSEPOWER	V	- VOLTS
HPS	- HIGH PRESSURE SODIUM	VFC	- VARIABLE FREQUENCY CONTROLLER
HTR	- HEATER	W	- WATTS, WIRE
HV	- HIGH VOLTAGE	W/	- WITH
HZ	- HERTZ	WP	- WEATHER-PROOF
IG	- ISOLATED GROUND	XP	- EXPLOSION PROOF
JB	- JUNCTION BOX	2S1W	- 2 SPEED SINGLE WINDING
KCMIL	- THOUSAND CIRCULAR MILS	2S2W	- 2 SPEED DOUBLE WINDING
KV	- KILOVOLTS		
KVA	- KILOVOLT AMPERES		

ELECTRICAL DRAWING PRESENTATION

SYMBOL	DESCRIPTIONS
2	REVISION NUMBER 2
2	DRAWING NOTE NUMBER 2
22A	EQUIPMENT TAG NUMBER - REFER TO EQUIPMENT SCHEDULE
X/XX/XX	SECTION/ELEVATION IDENTIFICATION
X/XX	PART PLAN AND DETAIL IDENTIFICATION
---	EXISTING LINE TYPE
---	NEW ELECTRICAL WORK LINE TYPE
---	FUTURE ELECTRICAL WORK LINE TYPE
---	DEMOLITION LINE TYPE ON DEMOLITION DRAWINGS

EQUIPMENT DESIGNATIONS

DESIGNATION	DESCRIPTIONS
SWGR	SWITCHGEAR
SWBD	SWITCHBOARD
PNL	PANELBOARD
MCC	MOTOR CONTROL CENTER
XFMR	TRANSFORMER
○	FLUORESCENT LIGHTING FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED, TYPE AS SPECIFIED
○	FLUORESCENT LIGHTING FIXTURE - 2 BALLAST
○	FLUORESCENT INDUSTRIAL LIGHTING FIXTURE
○	FLUORESCENT LIGHTING FIXTURE - WALL MOUNTED, TYPE AS SPECIFIED
○	LIGHTING FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED
○	LIGHTING FIXTURE - WALL MOUNTED TYPE AS SPECIFIED
○	WALL WASHER
○	ADJUSTABLE WALL WASHER
○	LIGHTING FIXTURE ON EMERGENCY OR NIGHT LIGHT CIRCUIT
○	EMERGENCY BATTERY PACK WITH NUMBER OF HEADS INDICATED
○	EMERGENCY BATTERY PACK WITH REMOTE HEADS
○	REMOTE EMERGENCY HEAD
○	EMERGENCY BATTERY PACK - SEMI RECESSED, CEILING MOUNT
○	EXIT SIGN - CEILING OR PENDANT MOUNTED (SHADED PORTION INDICATES FACE)
○	EXIT SIGN - WALL MOUNTED - END, BACK
○	EXIT SIGN WITH DIRECTIONAL ARROWS
○	POLE MOUNTED LIGHTING FIXTURE - SINGLE, DOUBLE HEAD
○	POLE MOUNTED LIGHTING FIXTURE - SINGLE, POLE TOP
○	LIGHTING POLE (SPORTS)

GENERAL NOTES:

- THIS IS A STANDARD SYMBOL LIST, SOME SYMBOLS MAY NOT APPEAR ON THE ACCOMPANYING DRAWINGS.
- REFER TO SPECIFICATIONS FOR DETAILED REQUIREMENTS.
- PLAN & SECTION SYMBOLS MAY ALSO BE USED ON RISER DIAGRAMS.
- ON SINGLE LINE DIAGRAMS FOR 3 PHASE SYSTEMS, DEVICE QUANTITY = 3 UNLESS OTHERWISE NOTED.
- FIRE ALARM ANNUNCIATOR DEVICES SHALL BE MOUNTED A MINIMUM OF 80" AFF TO TOP OF DEVICE AND BELOW THE FINISHED CEILING OF NOT LESS THAN 6".
- UNLESS OTHERWISE NOTED ALL INTERIOR CONDUITS AND BOXES SHALL BE CONCEALED.

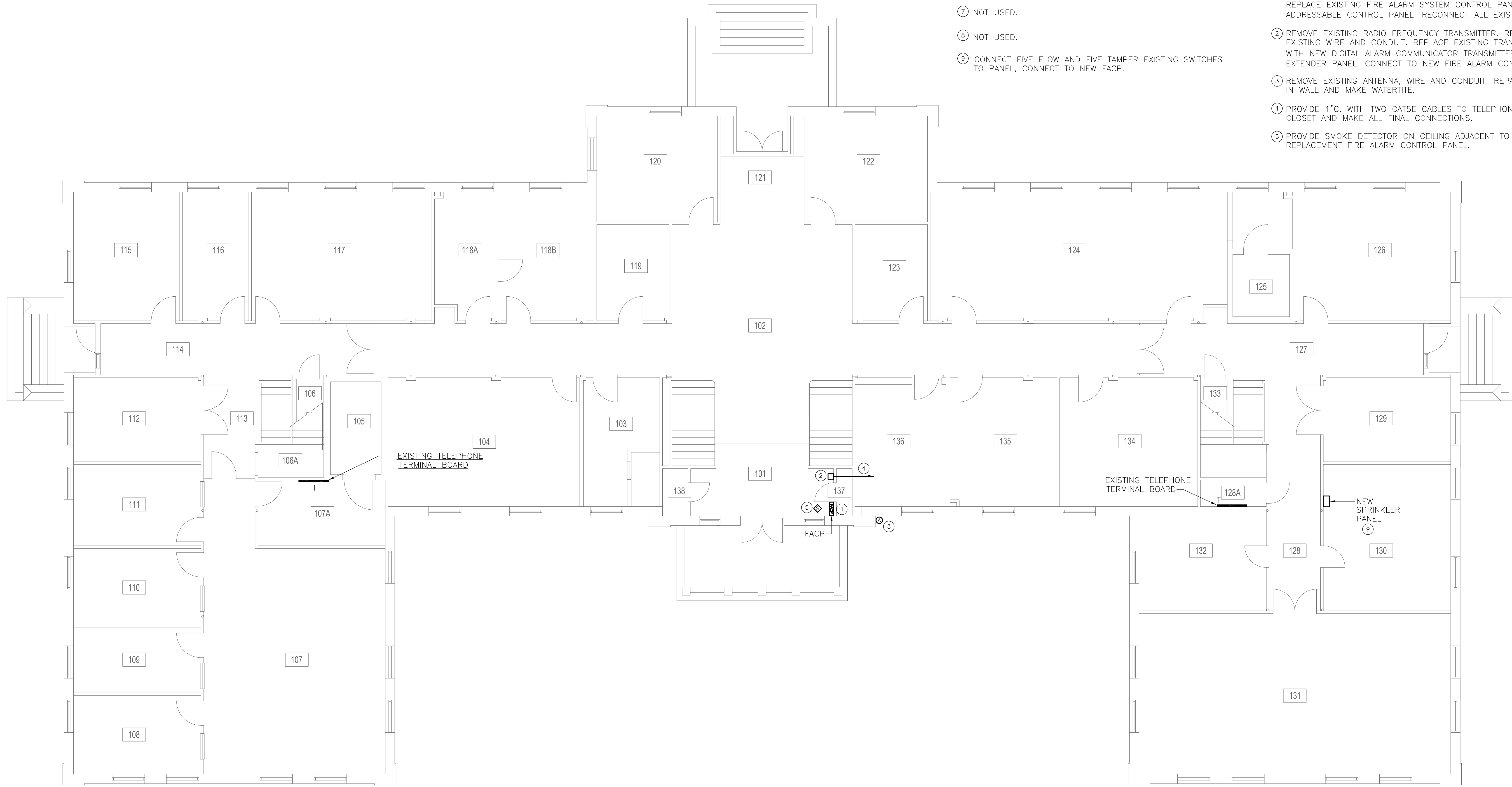
DATE: 7/30/2010	FINAL SUBMISSION	E0.01
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	MARINE CORPS BASE, CAMP LEJUNE, N.C.	
	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
	LEGEND AND ABBREVIATIONS	
	DES CAS	NAVFAC DRAWING NO. 60006360
	DR MCW	
	CHK EJM	
	SUPV JWM	
	IN CH .	
APPROVED: FEO OR OICC DATE	SIZE	CODE IDENT NO
	F	NOTED
SATISFACTORY TO DATE	SCALE NOTED	SPEC
	09-0093	
	CONSTRUCTION CONTRACT NO. N40085-09-B-0093	
	SHEET 3 OF 102	

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

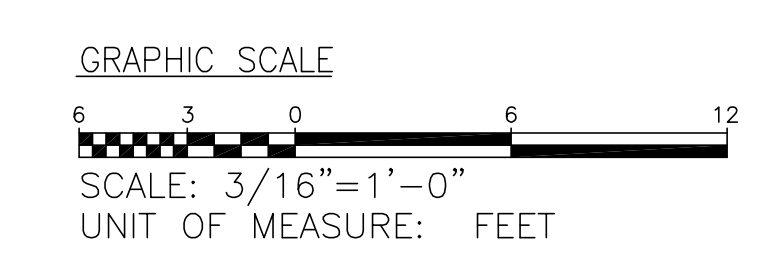
GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- REMOVE EXISTING EDWARDS EST2, 14 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER, REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.

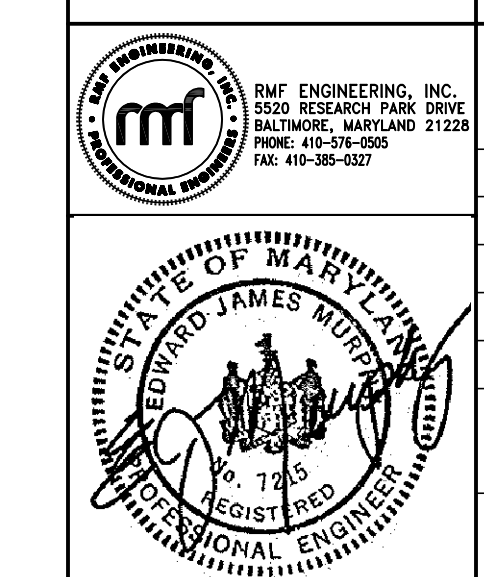
- NOT USED.
- NOT USED.
- NOT USED.
- CONNECT FIVE FLOW AND FIVE TAMPER EXISTING SWITCHES TO PANEL, CONNECT TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.01
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. 2 FIRST FLOOR FIRE ALARM SYSTEM	
CHK EJM	SIZE F	NAVFAC DRAWING NO. 60006361
SUPV JWM	APPROVED: FEO OR OICC DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
IN CH .	SATISFACTORY TO DATE	SHEET 4 OF 102
SCALE NOTED SPEC 09-0093		

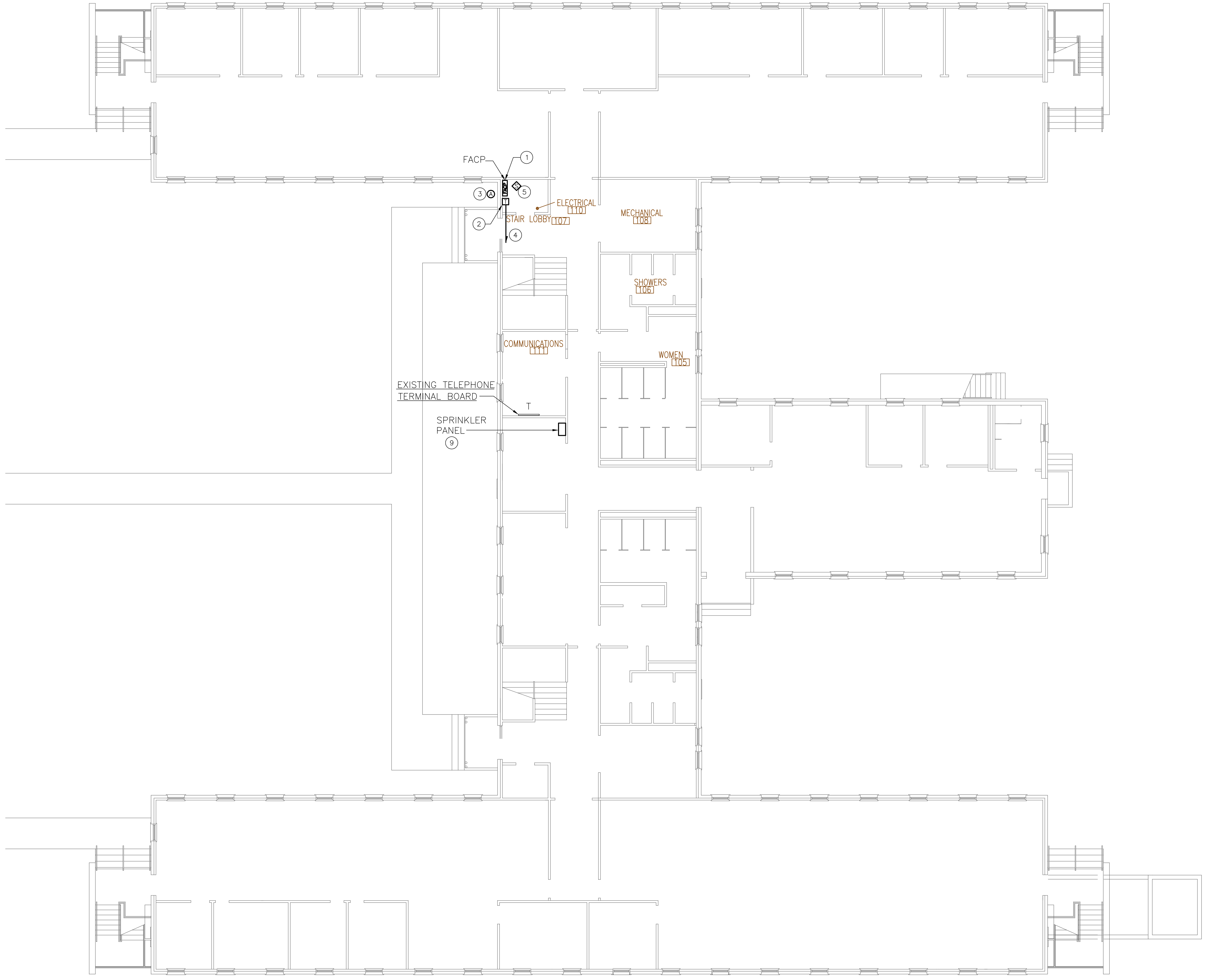


HV-PRO-107266-A1-WREF

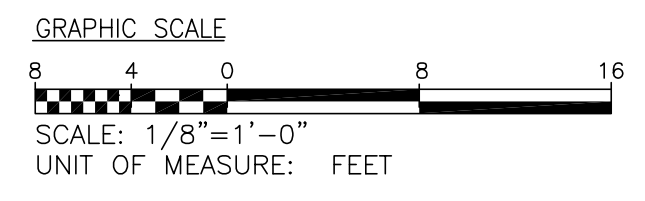
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


- GENERAL NOTES:
- THIS PLAN IS TYPICAL FOR BUILDING 101.
 - ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- REMOVE EXISTING SIMPLEX 4004, 14 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1"Ø. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - NOT USED.
 - NOT USED.
 - NOT USED.
 - CONNECT 3 FLOW AND 3 TAMPER EXISTING SWITCHES TO TO PANEL, CONNECT TO NEW FACP.



FIRST FLOOR PLAN



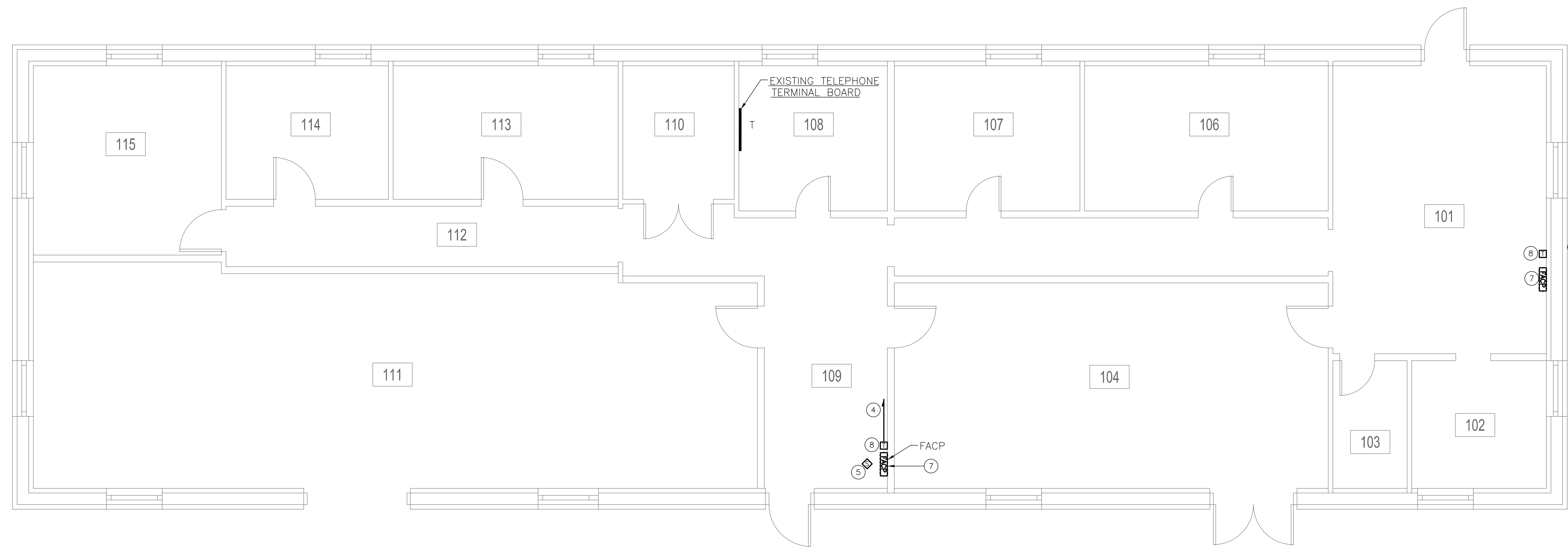
DATE: 7/30/2010	FINAL SUBMISSION	E1.02
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
IN CH .	APPROVED: FEO OR OICC DATE	
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006362
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 5 OF 102

HV-PRO-1070266-A1-VXREF

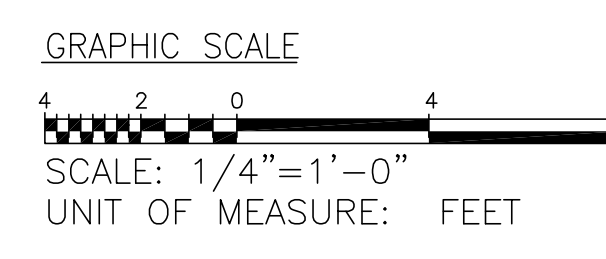
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


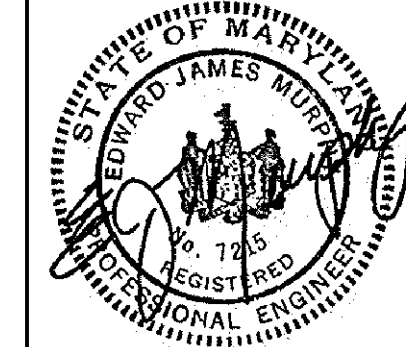
GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4002, 8 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ NOT USED.
 - ⑦ FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.

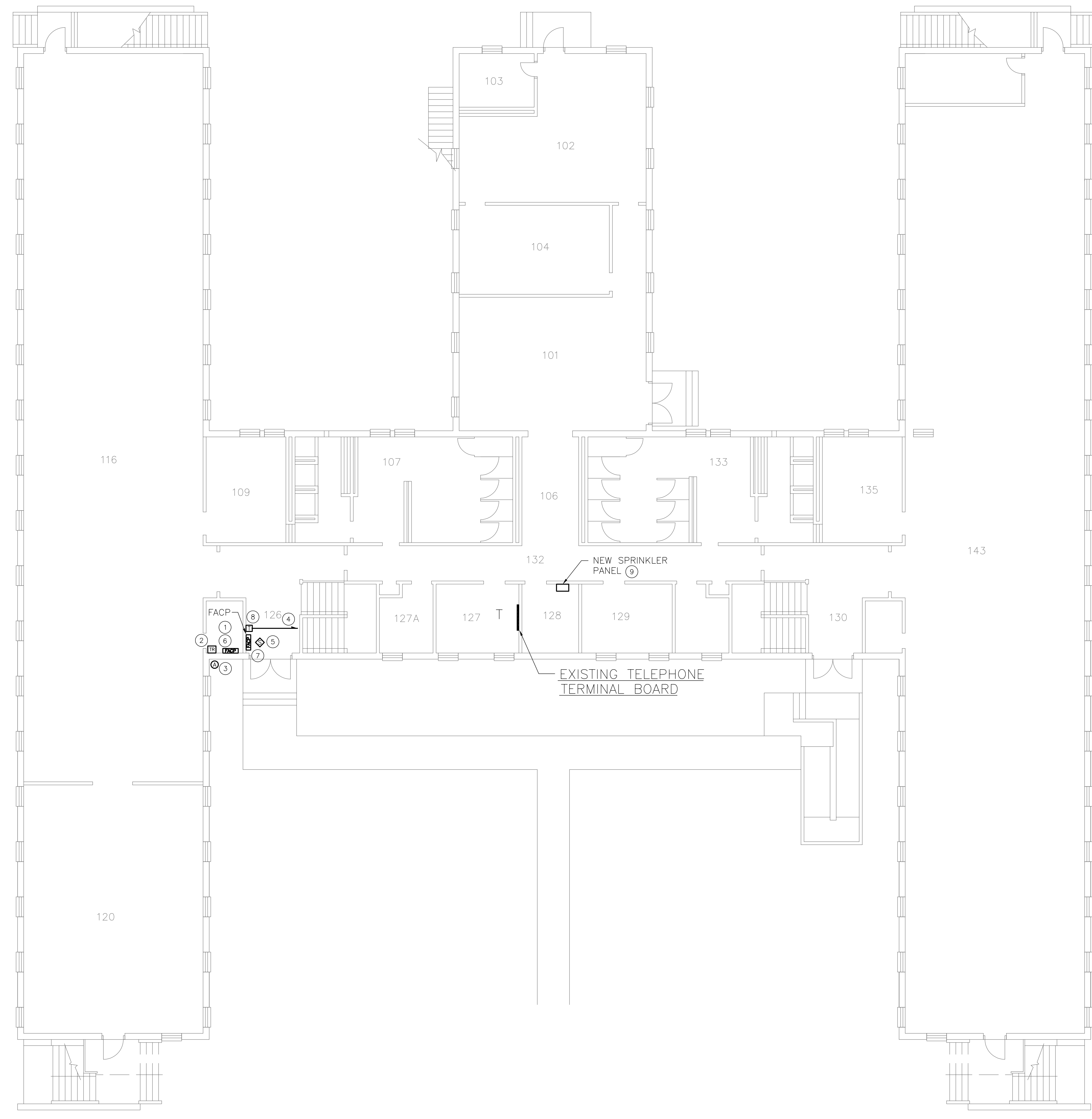


FIRST FLOOR PLAN

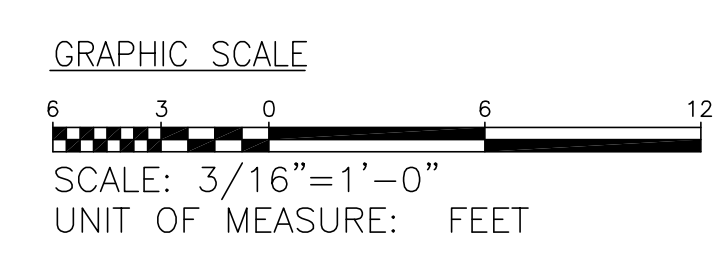


DATE: 7/30/2010	FINAL SUBMISSION	E1.03
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS DR MCW CHK EJM SUPV JWM IN CH .	MARINE CORPS BASE, CAMP LEJEUNE, N.C. UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS BUILDING NO. 7 FIRST FLOOR FIRE ALARM SYSTEM
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	NAVFAC DRAWING NO. 60006363
SATISFACTORY TO DATE	F .	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
	SCALE NOTED SPEC 09-0093	SHEET 6 OF 102

HV-PRO-1070266-A1-VXREF




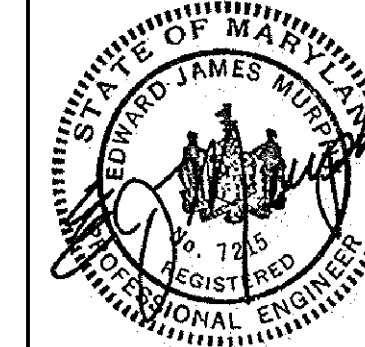
FIRST FLOOR PLAN



REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- ① REMOVE EXISTING NOTIFIER 500, 16 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ⑨ CONNECT FIVE FLOW AND FIVE TAMPER EXISTING SWITCHES TO PANEL, CONNECT PANEL TO NEW FACP.

DATE: 7/30/2010	FINAL SUBMISSION	E1.04
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS DR MCW CHK EJM SUPV JWM IN CH .	MARINE CORPS BASE, CAMP LEJEUNE, N.C. UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS BUILDING NO. 8 FIRST FLOOR FIRE ALARM SYSTEM
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	NAVFAC DRAWING NO. 60006364
SATISFACTORY TO DATE	F .	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
	SCALE NOTED SPEC 09-0093	SHEET 7 OF 102

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REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:

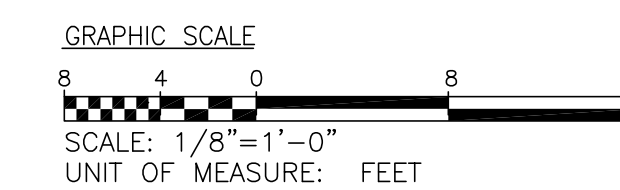
1. THIS BUILDING IS TYPICAL FOR BUILDING 122.
2. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02


DRAWING NOTES:

- 1 REMOVE EXISTING FIRE ALARM CONTROL PANEL SIMPLEX 4004, 8 ZONES AND FCI, 4 ZONES.
- 2 REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
- 3 REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- 4 PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- 5 PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
- 6 PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
- 7 NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- 8 NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN

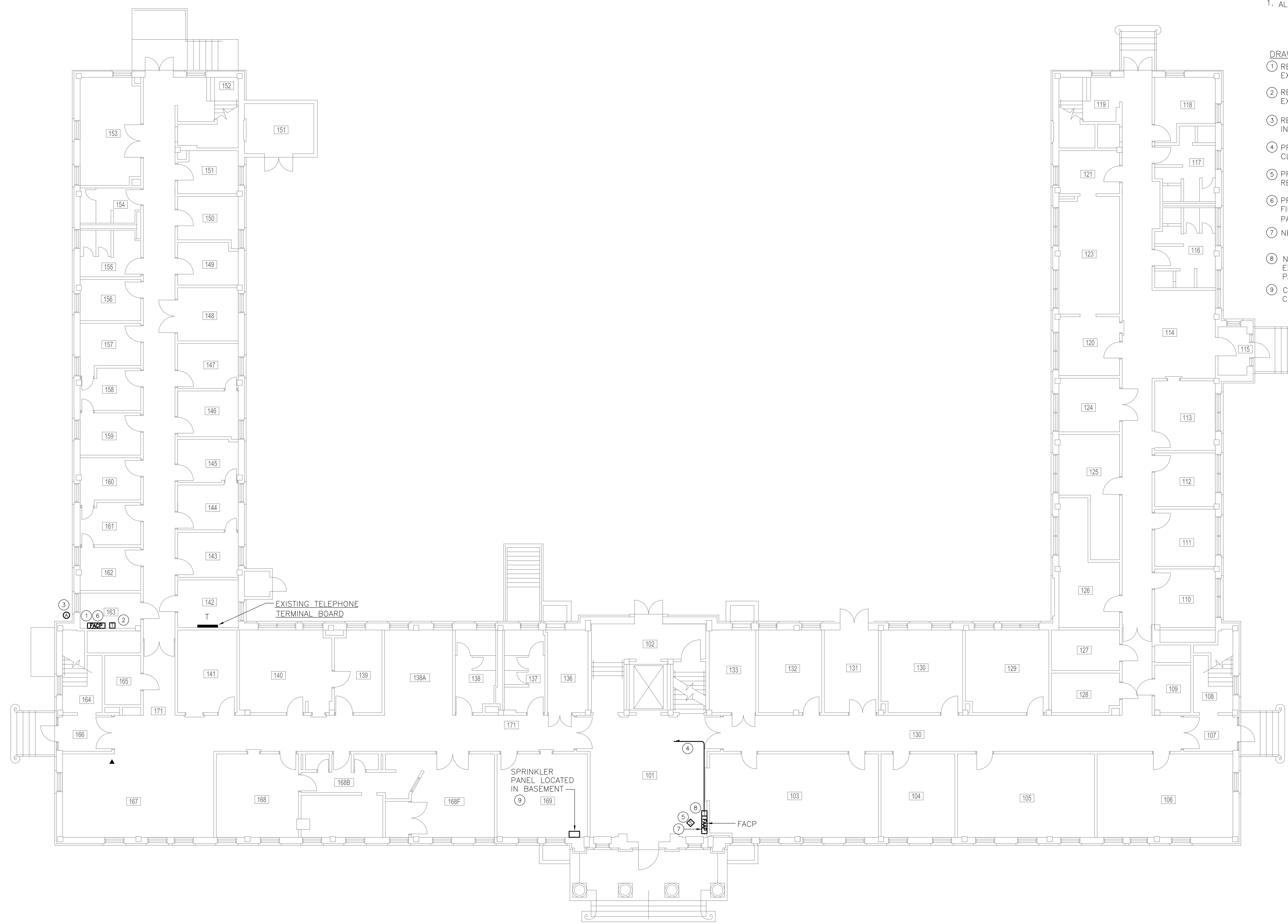


DATE: 7/30/2010	FINAL SUBMISSION	E1.05
	RFM ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
IN CH .	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
APPROVED: FEO OR OICC DATE	SIZE F	BUILDING NO. 9 & NO. 122 FIRST FLOOR FIRE ALARM SYSTEM
SATISFACTORY TO DATE	CODE IDENT NO .	NAVFAC DRAWING NO. 60006365
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
	SCALE NOTED SPEC	09-0093 SHEET 8 OF 102

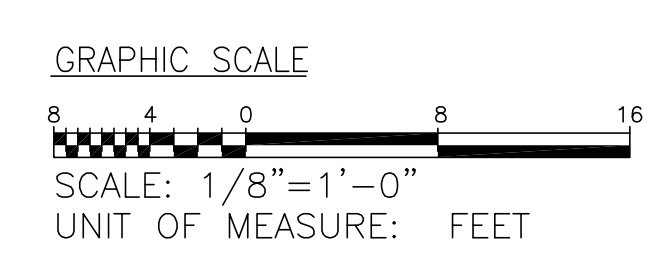
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- ① REMOVE EXISTING PYROTRONIX, 16 ZONE FIRE ALARM CONTROL PANEL. EXISTING SHALL BE EXTENDED TO NEW FACP.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ⑨ CONNECT SIX FLOW AND SIX TAMPER EXISTING SWITCHES TO PANEL. CONNECT PANEL TP NEW FACP.



FIRST FLOOR PLAN



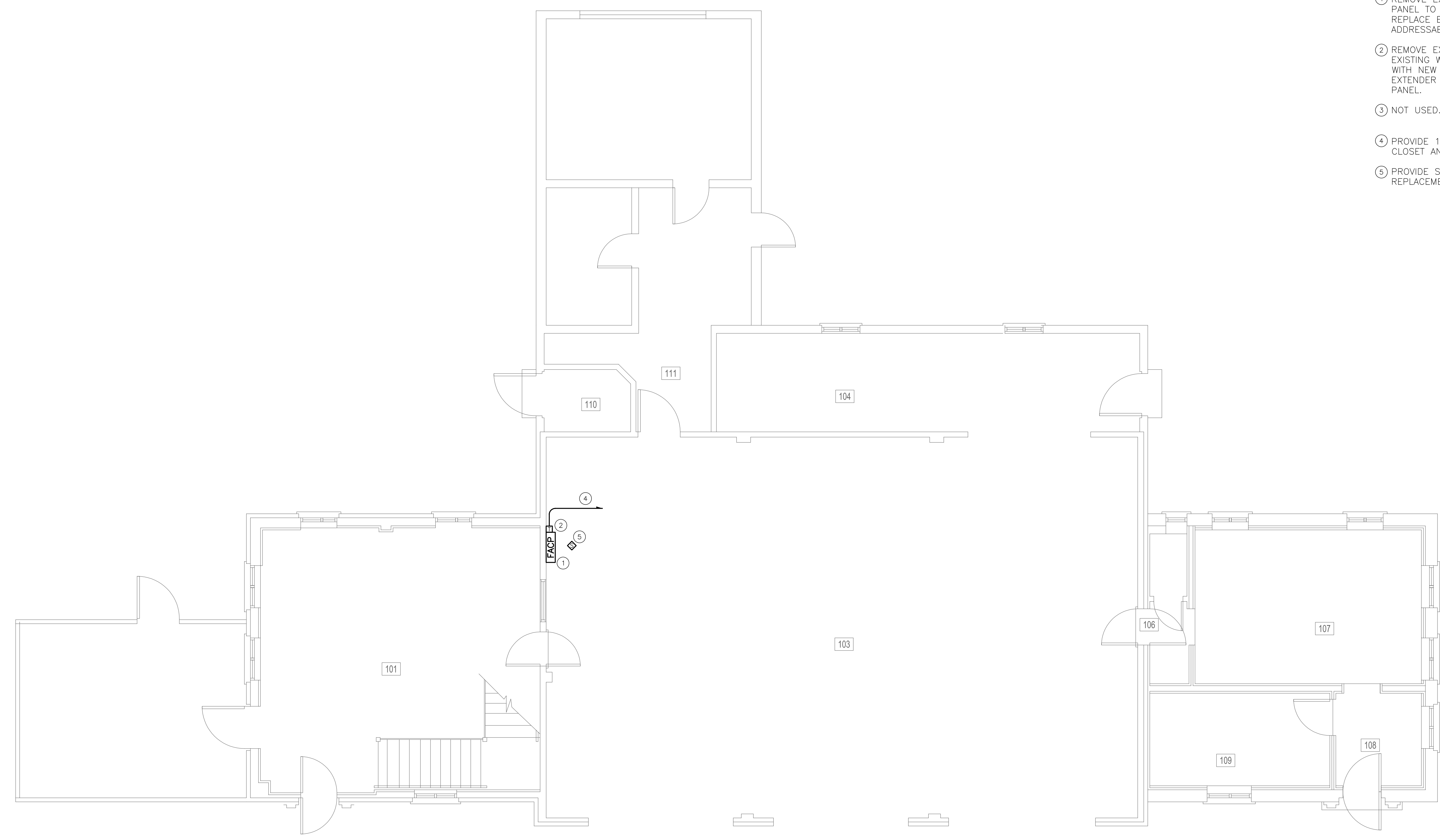
DATE: 7/30/2010	FINAL SUBMISSION	E1.06
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. 15 FIRST FLOOR FIRE ALARM SYSTEM	
SUPV JWM	IN CH .	NAVFAC DRAWING NO. 60006366
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO DATE	F .	60006366
	SCALE NOTED SPEC 09-0093	SHEET 9 OF 102

HV-PRO-1070266-A1-WREF

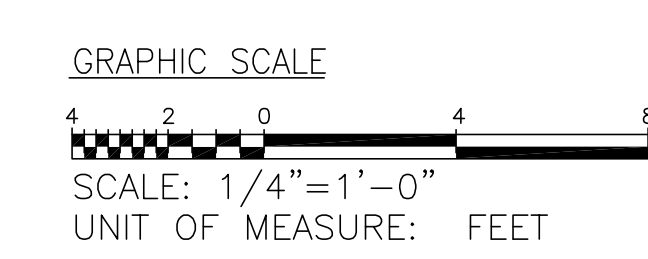
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- ① REMOVE EXISTING PYROTRONIX, 8 ZONE FIRE ALARM CONTROL PANEL TO REMAIN. FIRE ALARM WIRING AND 120V. POWER REPLACE EXISTING FIRE ALARM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ NOT USED.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.07
 FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. 18 FIRST FLOOR FIRE ALARM SYSTEM	
SUPV JWM	SIZE	CODE IDENT NO
IN CH .	F	60006367
APPROVED: FEO OR OICC DATE	NAVFAC DRAWING NO.	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO DATE	60006367	09-0093
	SCALE NOTED	SPEC
		SHEET 10 OF 102

HV-PRO-1070266-A1-WREF

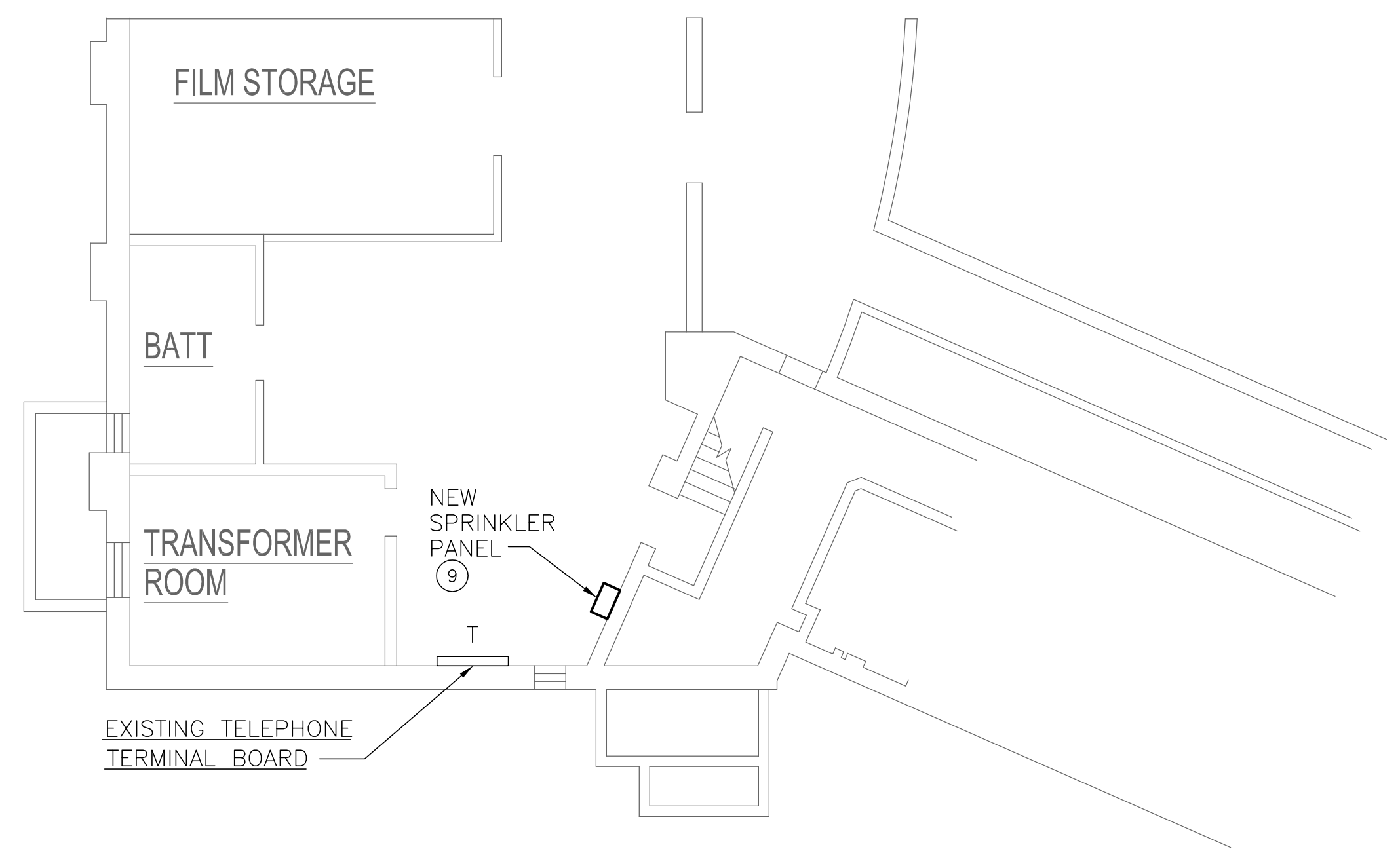
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

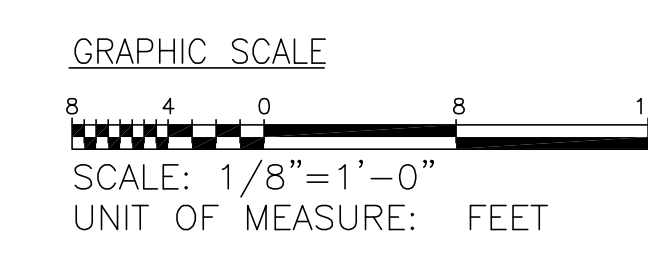
- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4002, 8 ZONE FIRE ALARM CONTROL PANEL. EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ DOWN TO TELEPHONE TERMINAL ON FLOOR BELOW.
 - ⑦ NOT USED.
 - ⑧ NOT USED.
 - ⑨ CONNECT EXISTING FLOW SWITCH TO PANEL, CONNECT PANEL TO NEW FACP.




ORCHESTRA FLOOR PLAN



PART FLOOR PLAN
SUB-STAGE AREA



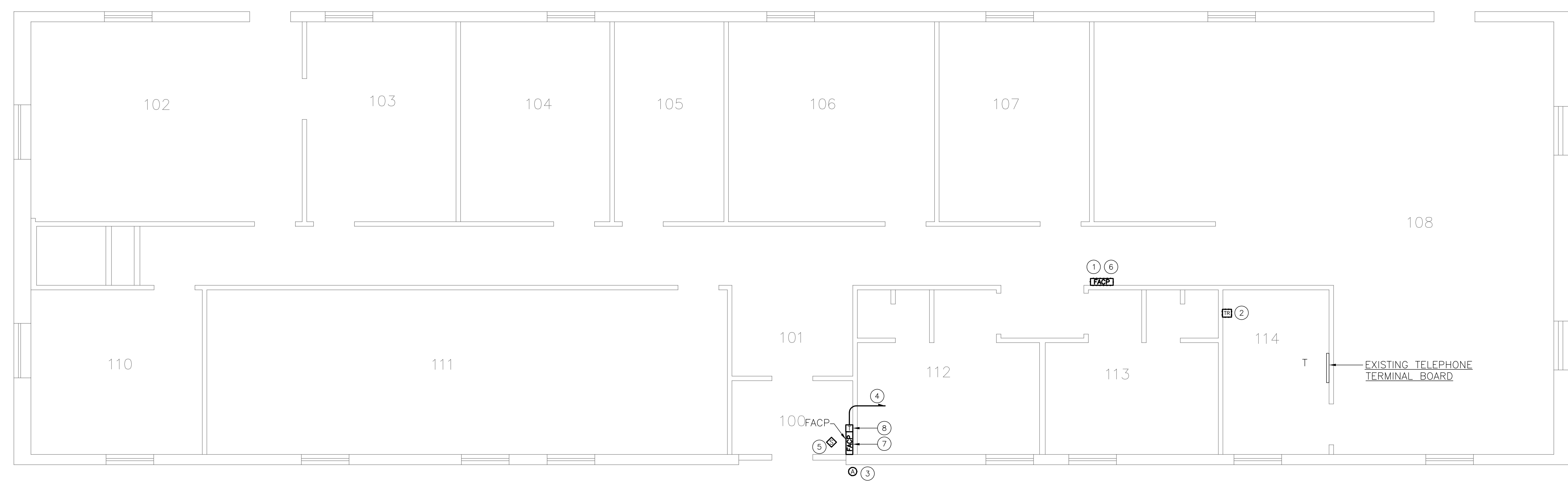
DATE: 7/30/2010	FINAL SUBMISSION	E1.08
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006368
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 11 OF 102

HV-PRO-1070266A1\XREF

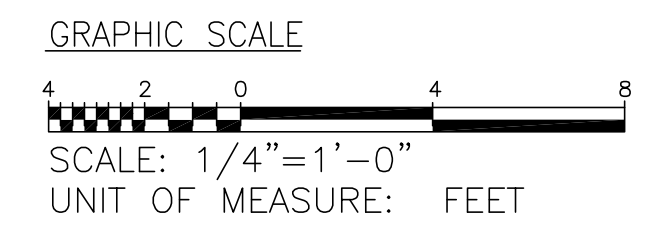
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

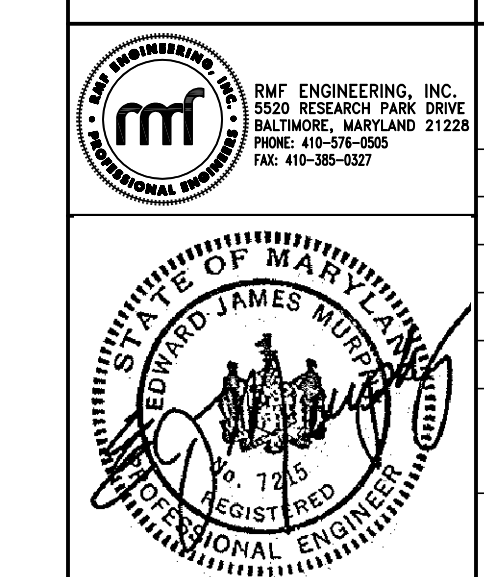
- DRAWING NOTES:
- ① REMOVE EXISTING GAMEWELL 400, 12 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



GROUND FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.09
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. 27 GROUND FLOOR FIRE ALARM SYSTEM	
SUPV JWM	SIZE	NAVFAC DRAWING NO.
IN CH .	F	60006369
APPROVED: FEO OR OICC DATE	CONSTRUCTION CONTRACT NO.	N40085-09-B-0093
SATISFACTORY TO DATE	09-0093	SHEET 12 OF 102

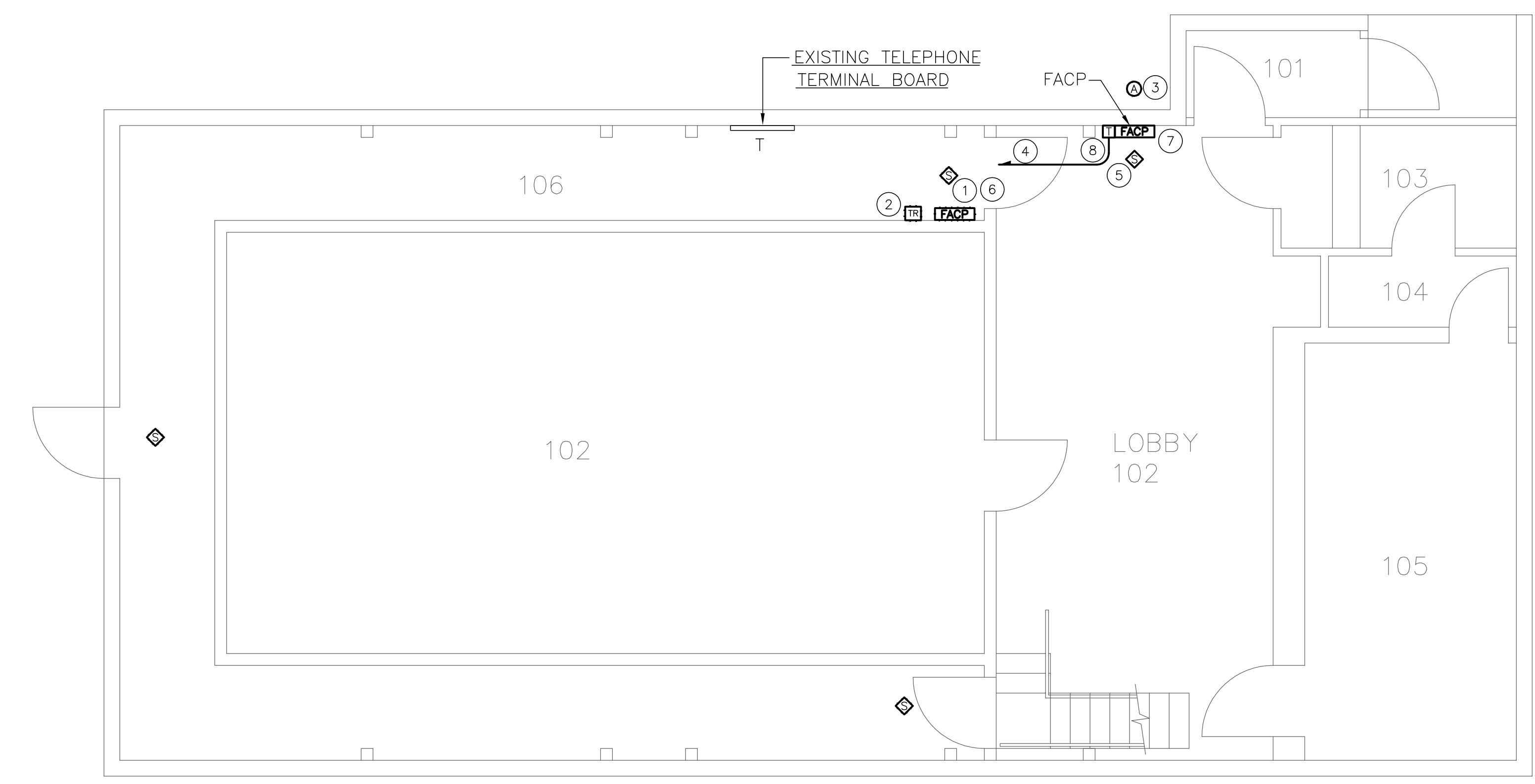


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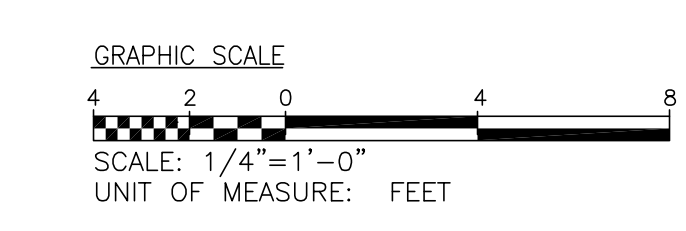
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- ① REMOVE EXISTING PYROTRONIX 400, 4 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.

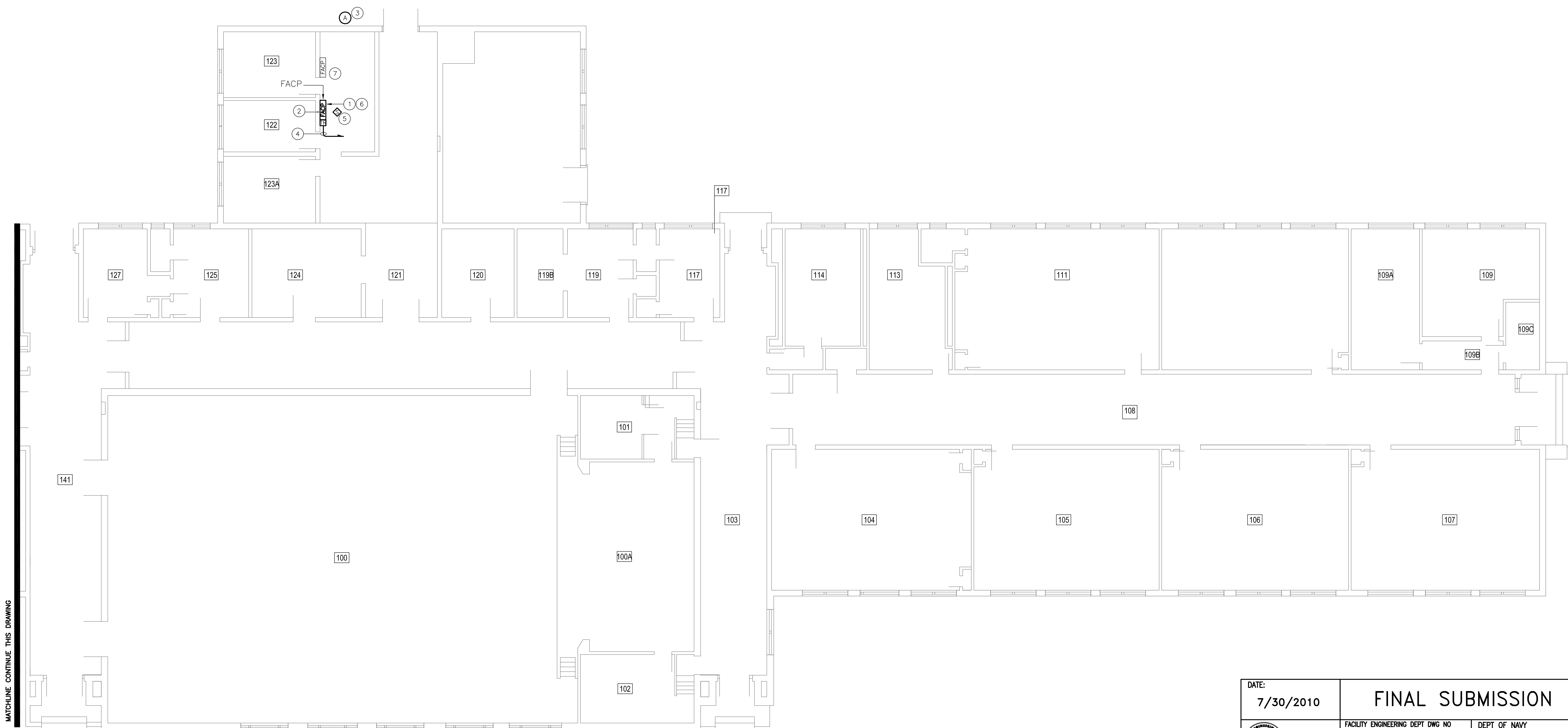
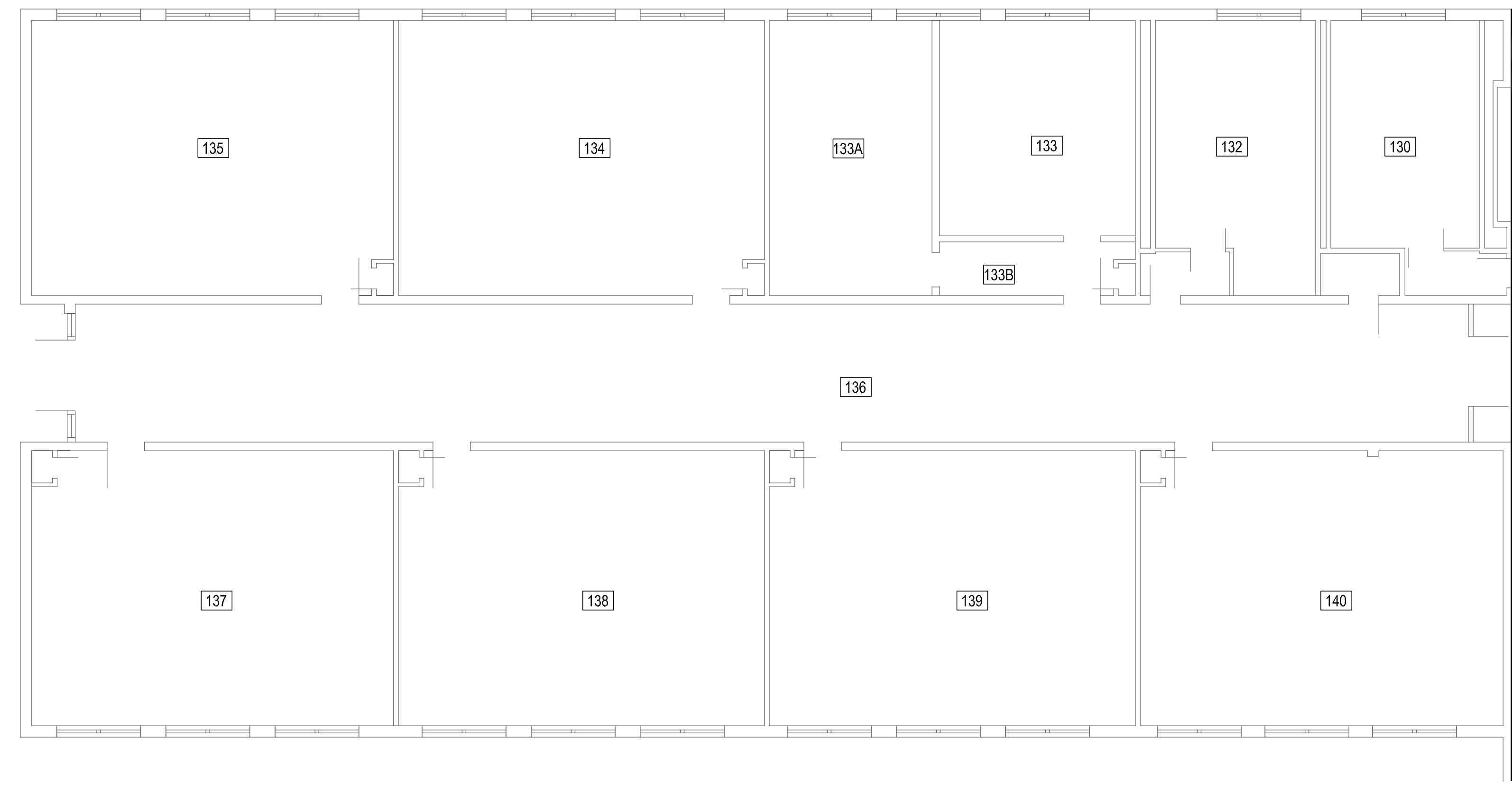


FIRST FLOOR PLAN

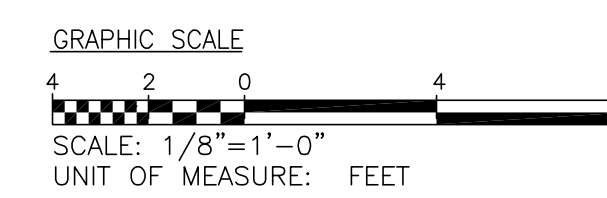


DATE: 7/30/2010	FINAL SUBMISSION	E1.10
 M&E ENGINEERING, INC. 1200 W. 10TH STREET WILMINGTON, N.C. 28405 PHONE: 910-338-0000 FAX: 910-338-0001	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION MARINE CORPS BASE, CAMP LEJEUNE, N.C.
DES CAS DR MCW CHK EJM SUPV JWM	IN CH .	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	BUILDING NO. 39 FIRST FLOOR AND MEZZANINE FIRE ALARM SYSTEM
SATISFACTORY TO DATE	F .	NAVFAC DRAWING NO. 60006370
	SCALE NOTED SPEC	CONSTRUCTION CONTRACT NO. N40085-09-B-0093 SHEET 13 OF 102

H:\PROJ\070266\A\WREF




FIRST FLOOR PLAN

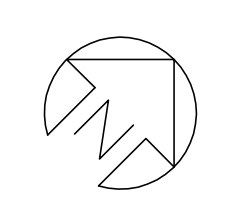
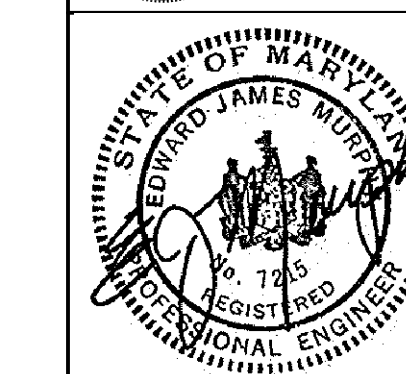


REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- REMOVE EXISTING FCI, 12 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - EXISTING 14 ZONE FIRE ALARM CONTROL PANEL TO REMAIN. EXTEND EXISTING ALARM AND ANNUNCIATION CABLES TO NEW FIRE ALARM CONTROL PANEL.

DATE: 7/30/2010	FINAL SUBMISSION	E1.11
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006371
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093

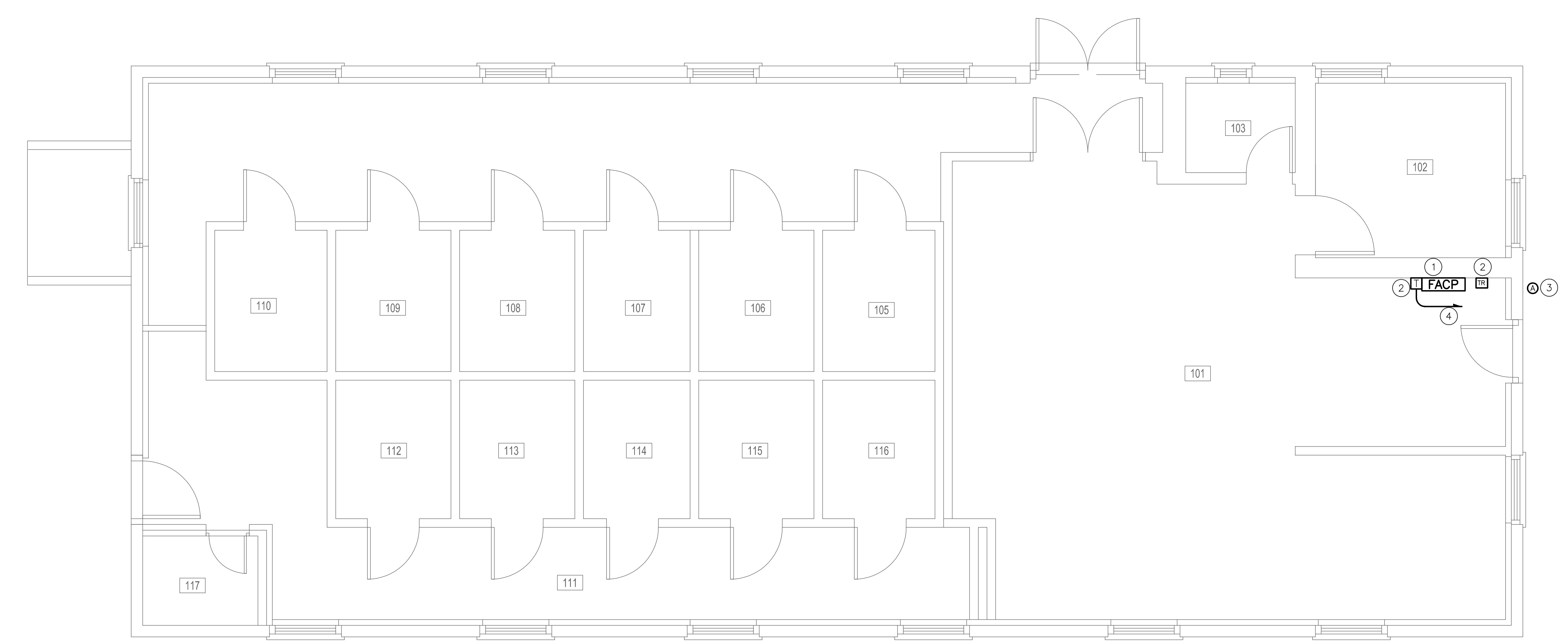


HV-PRO-107266-A1-VXREF

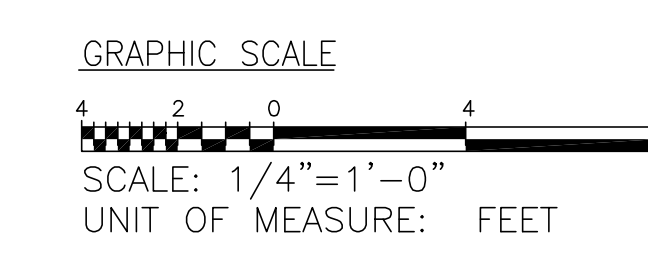
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

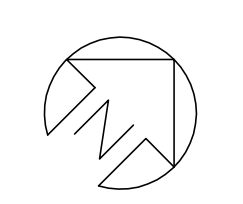
- DRAWING NOTES:
- REMOVE EXISTING NOTIFIER 500, 4-ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.12
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006372
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 15 OF 102



HV-PROJ070266A1\XREF

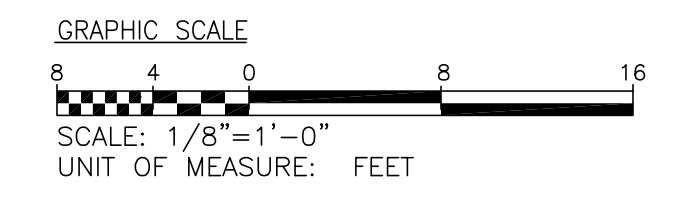
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- ① REMOVE EXISTING 5721B FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



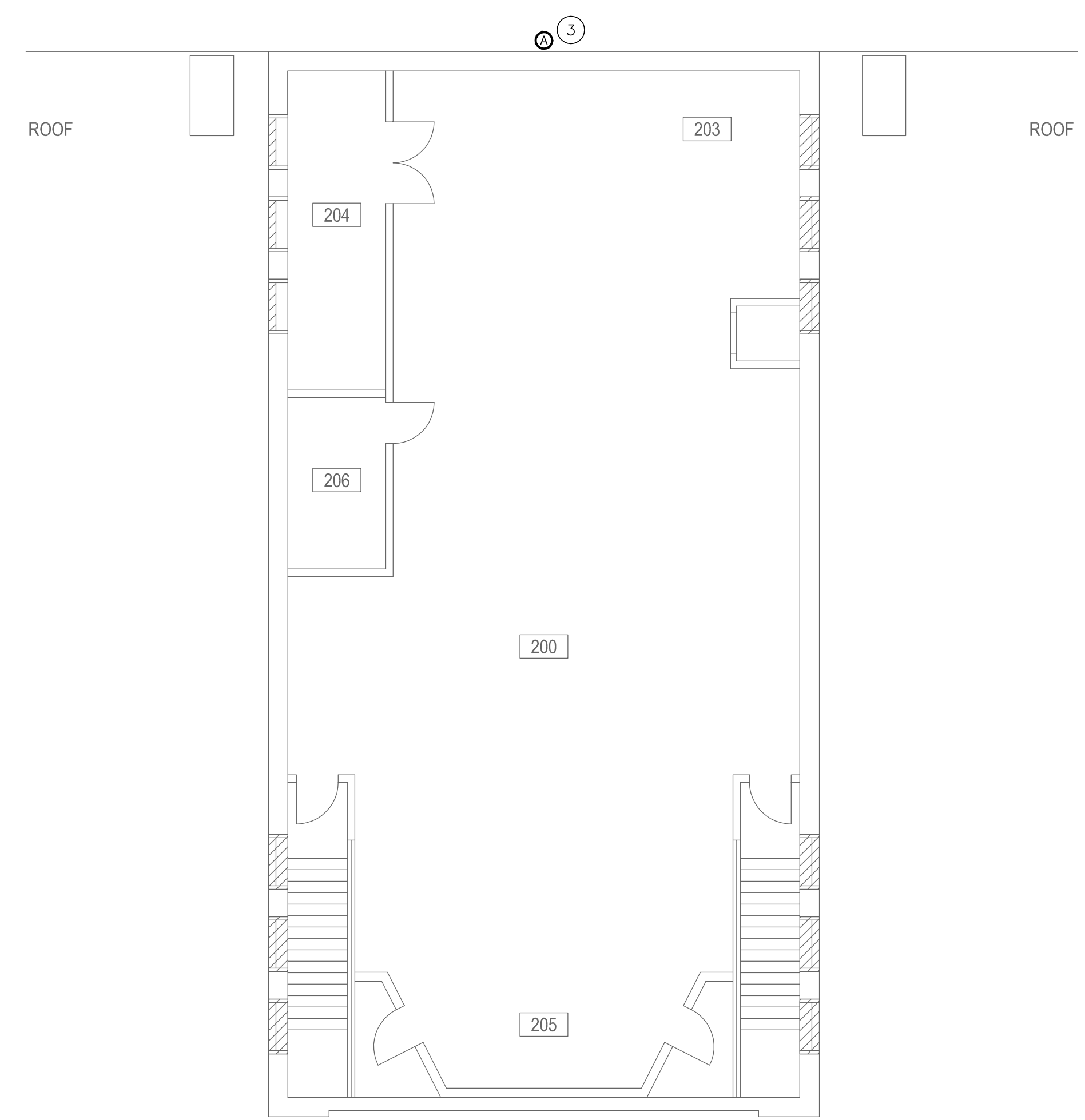
DATE: 7/30/2010	FINAL SUBMISSION	E1.13
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. 54 FIRST FLOOR FIRE ALARM SYSTEM	
CHK EJM	NAVFAC DRAWING NO. 60006373	
SUPV JWM	SIZE F	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
IN CH .	DATE	SHEET 16 OF 102
APPROVED: FEO OR OICC	DATE	SCALE NOTED SPEC 09-0093
SATISFACTORY TO	DATE	

HV-PRO-1070266-A1-WXREF

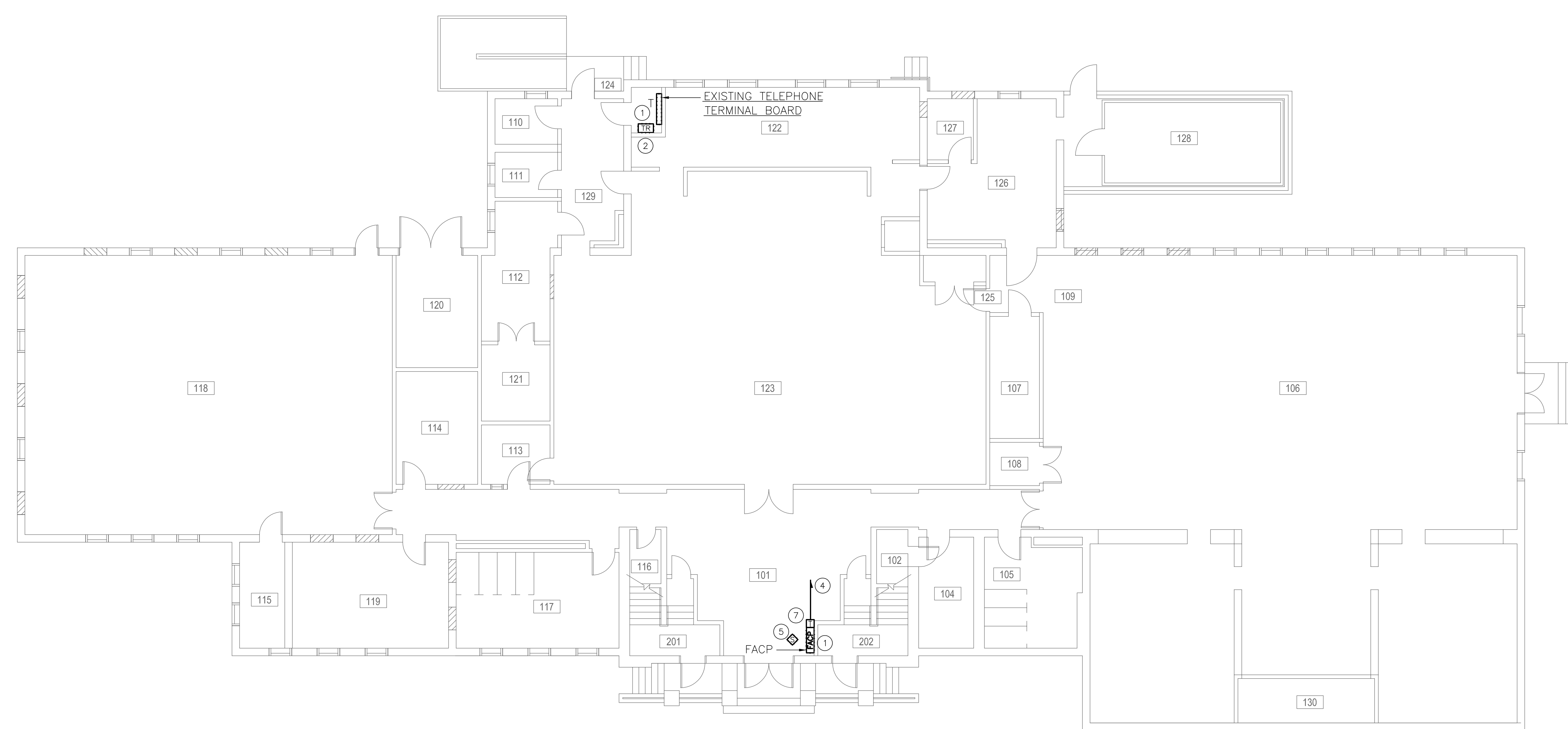
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

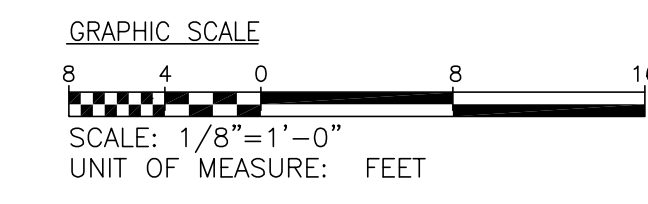
- DRAWING NOTES:
- ① REMOVE EXISTING NOTIFIER, 16 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN, REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ NOT USED.
 - ⑦ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



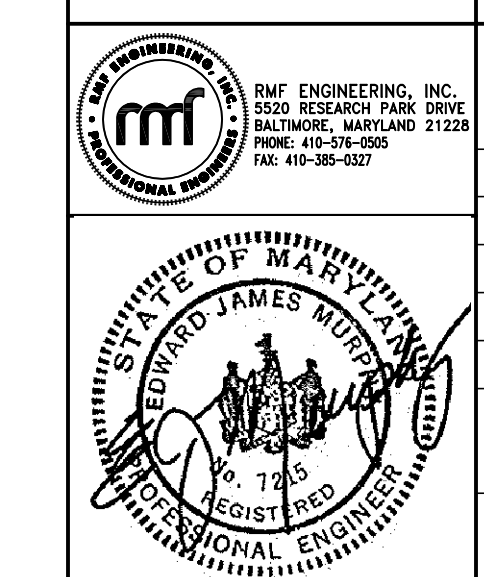
SECOND FLOOR PLAN



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.14
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. 62 FIRST AND SECOND FLOOR FIRE ALARM SYSTEM	
SUPV JWM	SIZE	CODE IDENT NO
IN CH .	F	60006374
APPROVED: FEO OR OICC DATE	NAVAC DRAWING NO.	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO DATE	09-0093	SHEET 17 OF 102



HV-PRO-1107266-A1\XREF

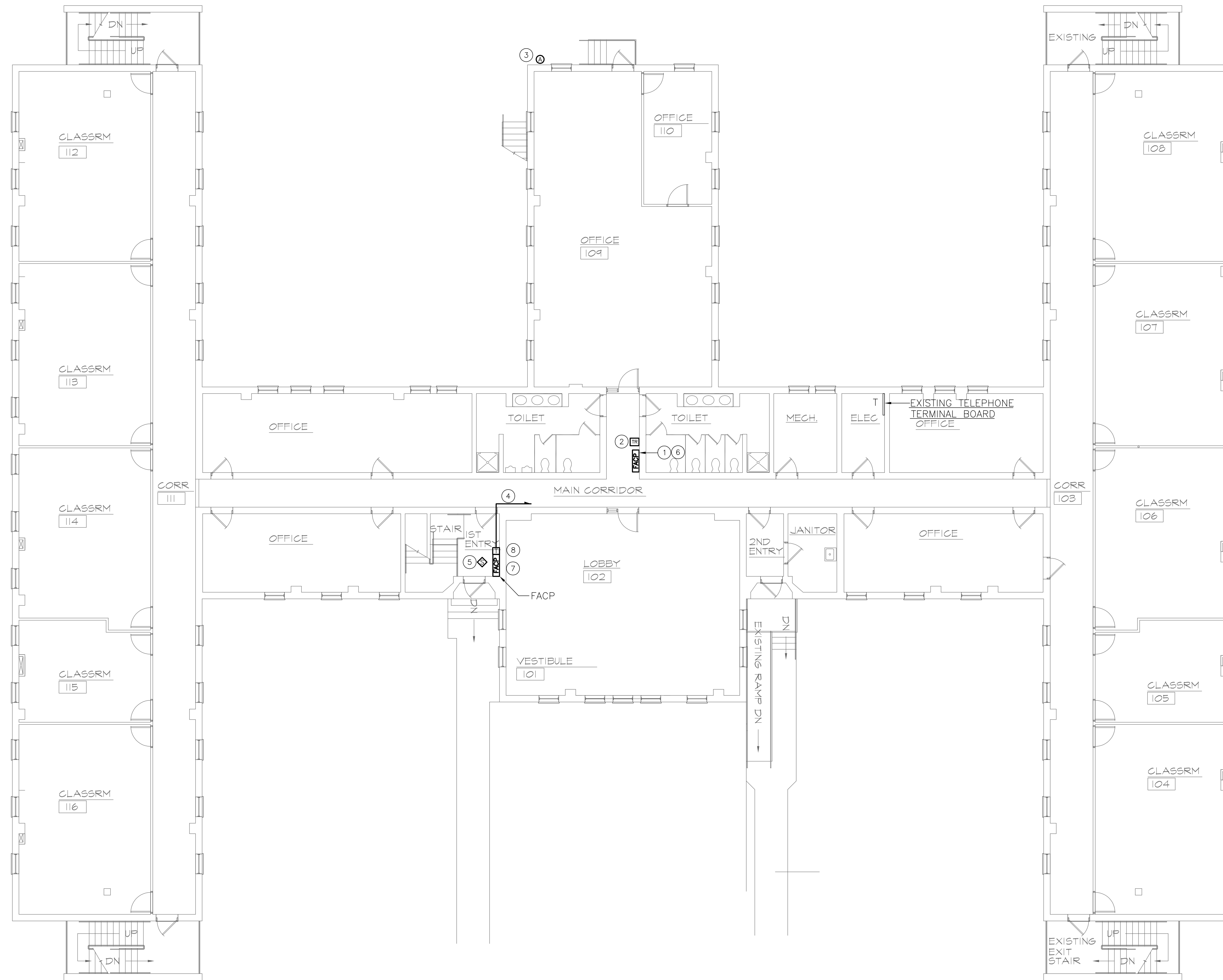
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:

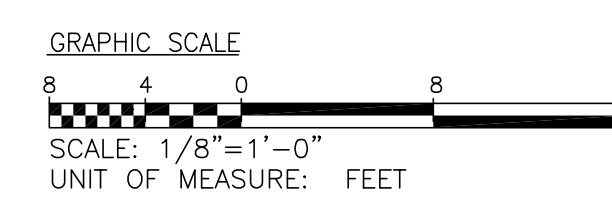
- ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

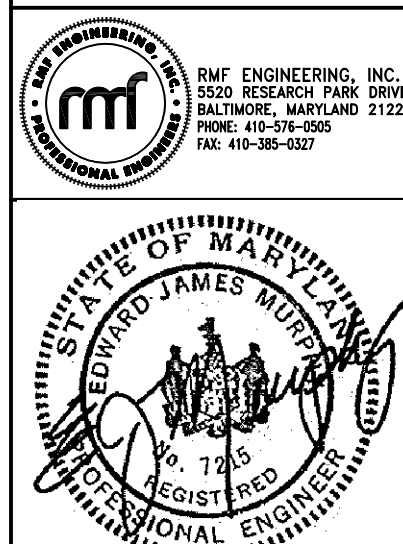
DRAWING NOTES:

- REMOVE EXISTING SIMPLEX 4002, 24 ZONE FIRE ALARM CONTROL PANEL.
- REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
- REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
- PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
- NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



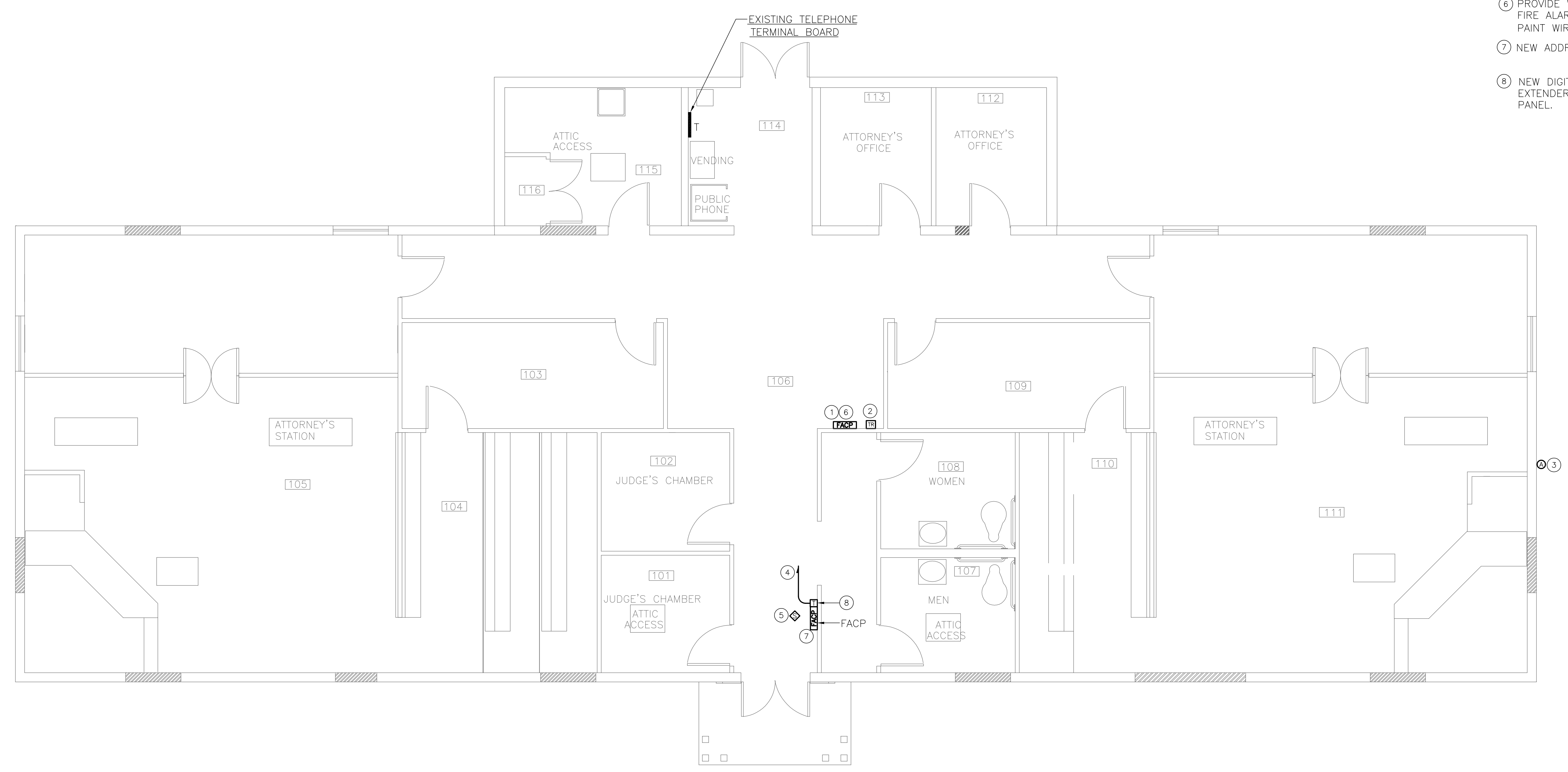
DATE: 7/30/2010	FINAL SUBMISSION	E1.15
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES: CAS	DR: MCW	CHK: EJM
SUPV: JWM	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
IN CH:	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
APPROVED: FEJ OR OICC DATE	SIZE: F	CODE IDENT NO: 60006375
SATISFACTORY TO DATE	CONSTRUCTION CONTRACT NO: N40085-09-B-0093	NAVAC DRAWING NO: 60006375
SCALE: NOTED	SPEC: 09-0093	SHEET 18 OF 102

HV-PRO-1070266-A1-WXREF

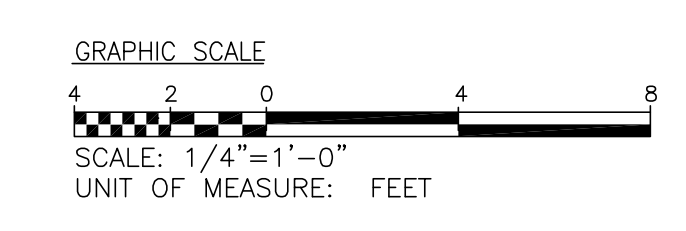
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


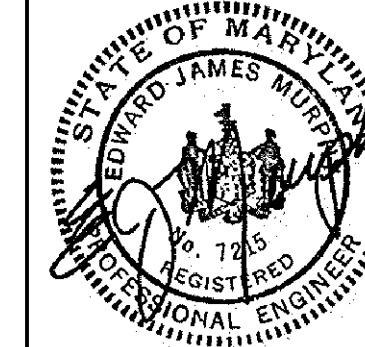
GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:**
- REMOVE EXISTING SIMPLEX 4002, 8 ZONE FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.

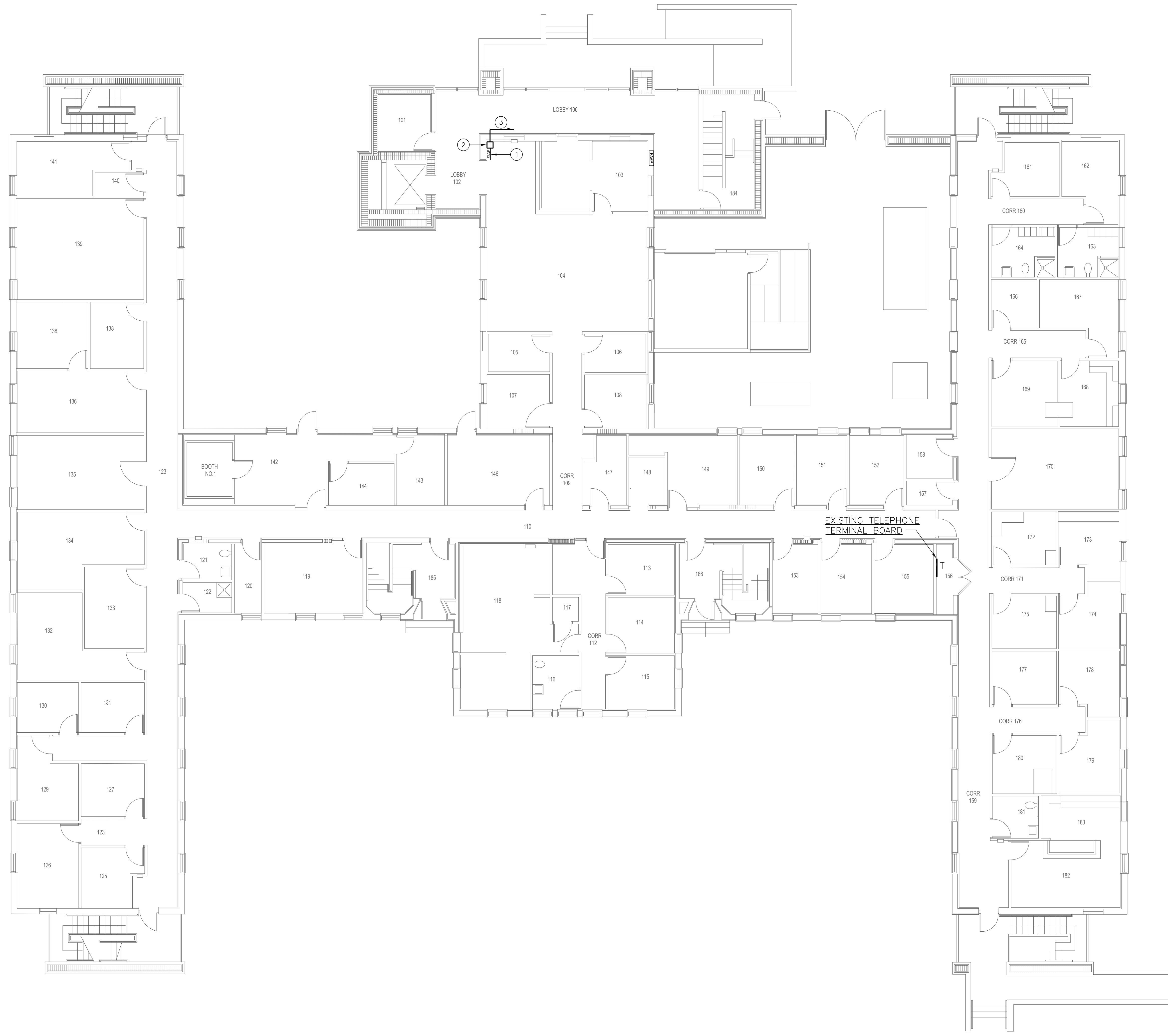


FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.16
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS DR MCW CHK EJM SUPV JWM IN CH .	MARINE CORPS BASE, CAMP LEJEUNE, N.C. UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS BUILDING NO. 64 FIRST FLOOR FIRE ALARM SYSTEM
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	NAVFAC DRAWING NO. 60006376
SATISFACTORY TO DATE	F .	CONSTRUCTION CONTRACT NO. N40085-09-B-0093 SHEET 19 OF 102
	SCALE NOTED SPEC	09-0093

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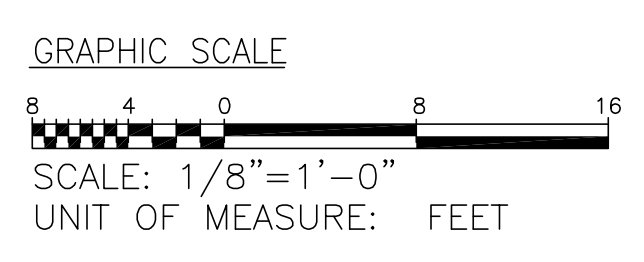



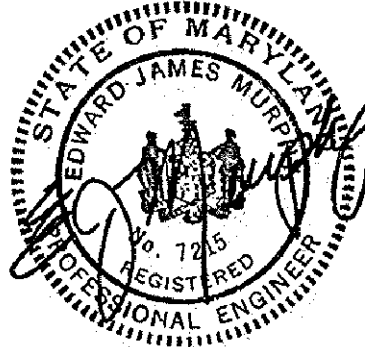
FIRST FLOOR PLAN

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

DRAWING NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① EXISTING F.A.C.P. SHALL REMAIN.
 - ② PROVIDE NEW DIGITAL ALARM COMMUNICATIONS TRANSMITTER.
 - ③ CONNECT TRANSMITTER TO EXISTING 1" C WITH 2-CAT5E CABLES TO TELEPHONE TERMINAL BOARD AND MAKE CONNECTIONS.



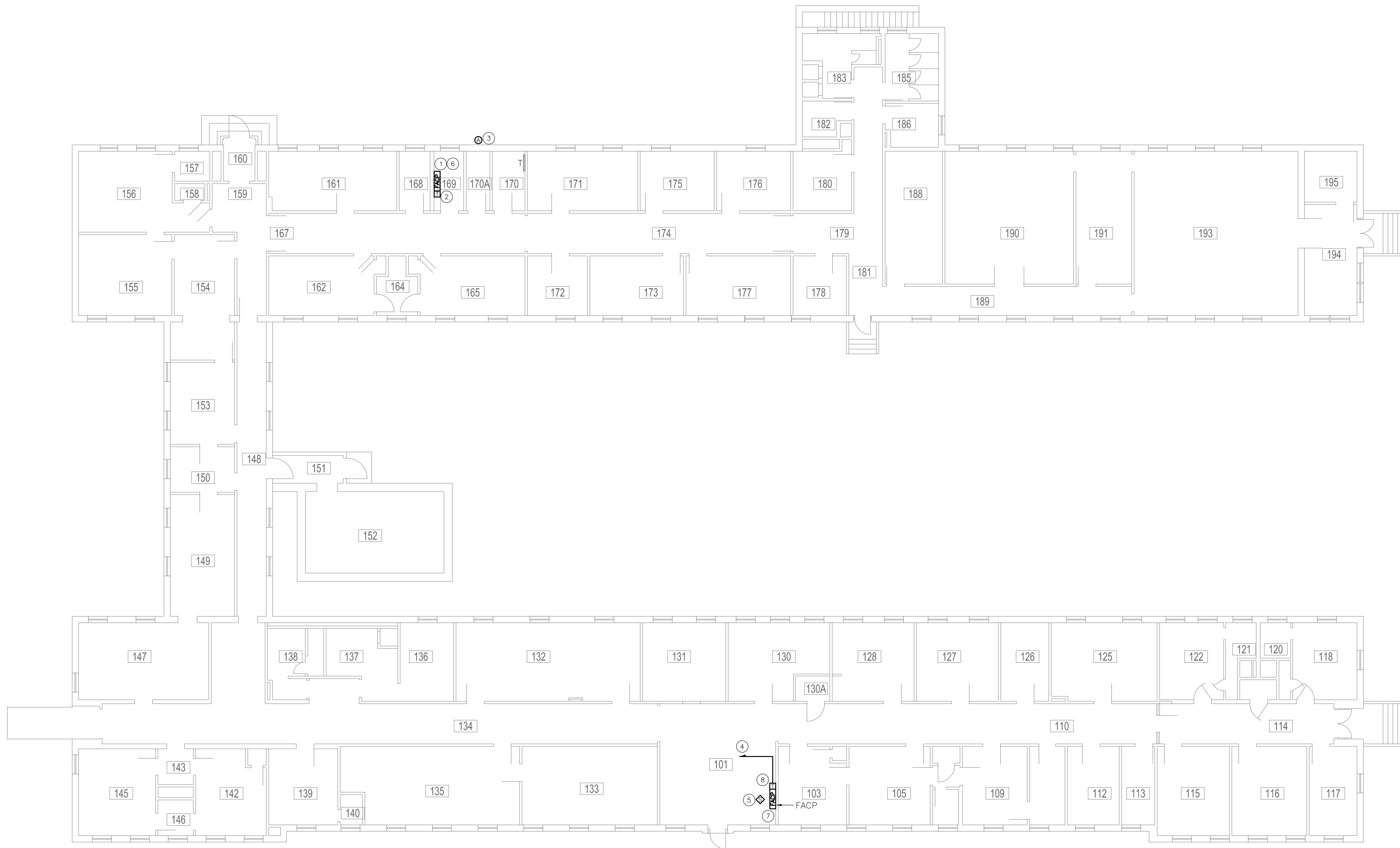
DATE: 7/30/2010	FINAL SUBMISSION	E1.17
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS DR MCW CHK EJM SUPV JWM IN CH .	MARINE CORPS BASE, CAMP LEJEUNE, N.C. UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS BUILDING NO. 65 FIRST FLOOR FIRE ALARM SYSTEM
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO F .	NAVFAC DRAWING NO. 60006377
SATISFACTORY TO DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093	SHEET 20 OF 102

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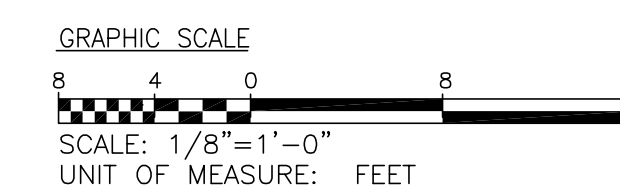
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

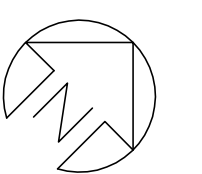
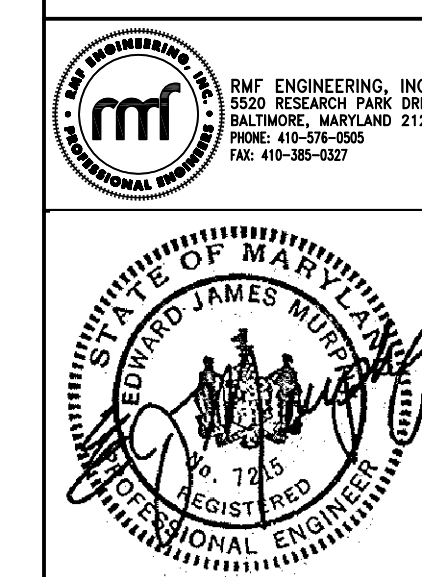
- DRAWING NOTES:
- REMOVE EXISTING SIMPLEX 4002, 9 ZONE FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



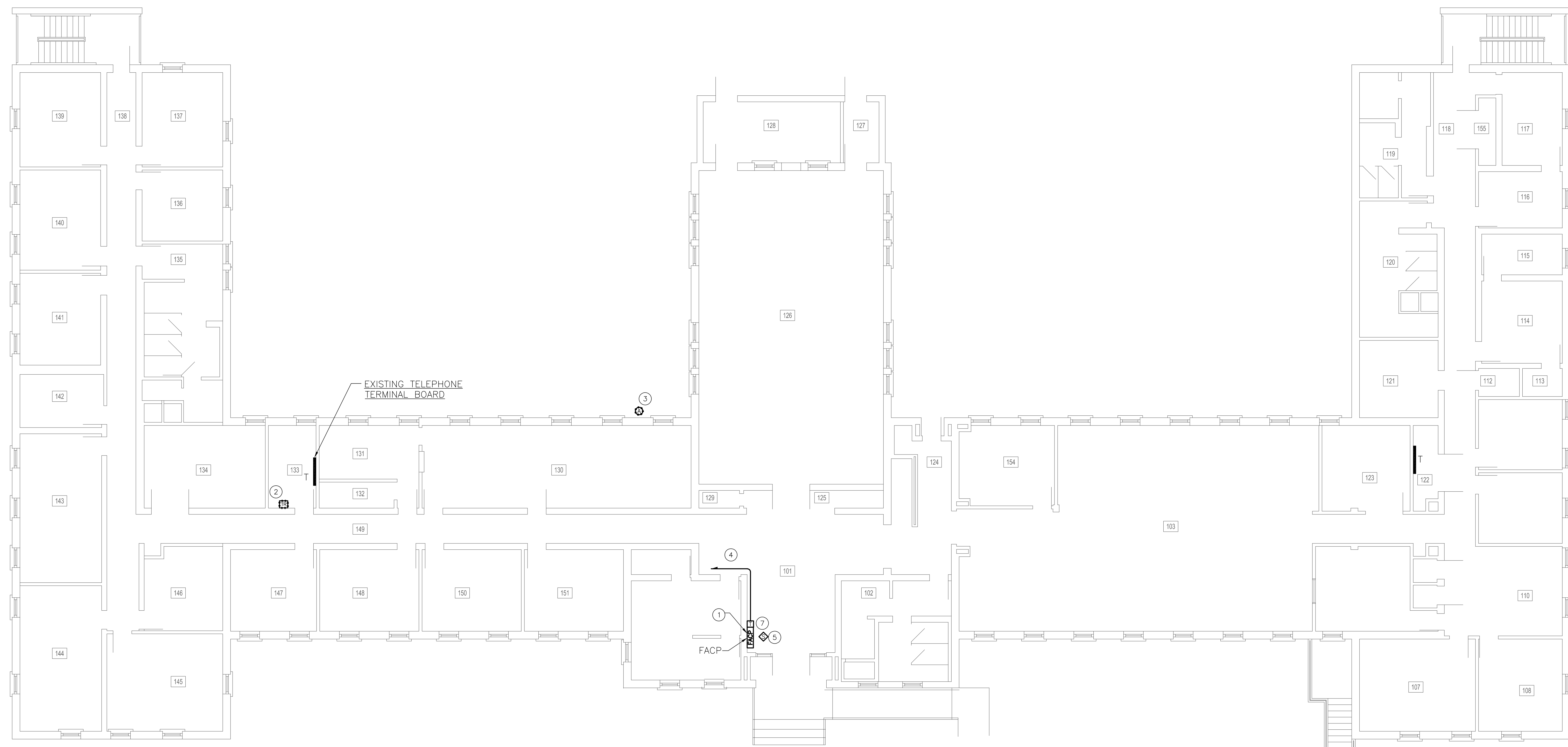
DATE: 7/30/2010	FINAL SUBMISSION	E1.18
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. 66 FIRST FLOOR FIRE ALARM SYSTEM	
CHK EJM	SIZE	CODE IDENT NO
SUPV JWM	F	60006378
IN CH .	APPROVED: FEO OR OICC	DATE
SATISFACTORY TO	DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 21 OF 102



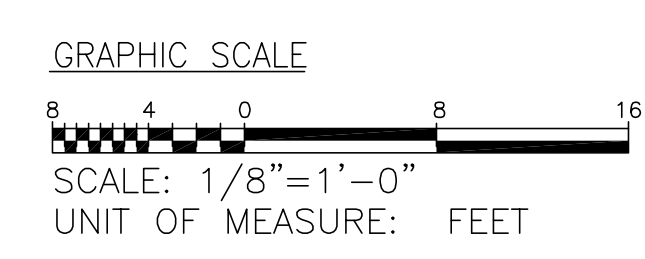
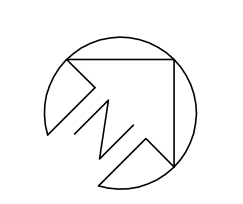
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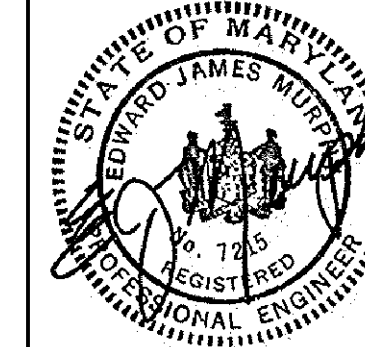
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

- DRAWING NOTES:
- REMOVE EXISTING GAMEWELL FCI FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - NOT USED.
 - NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



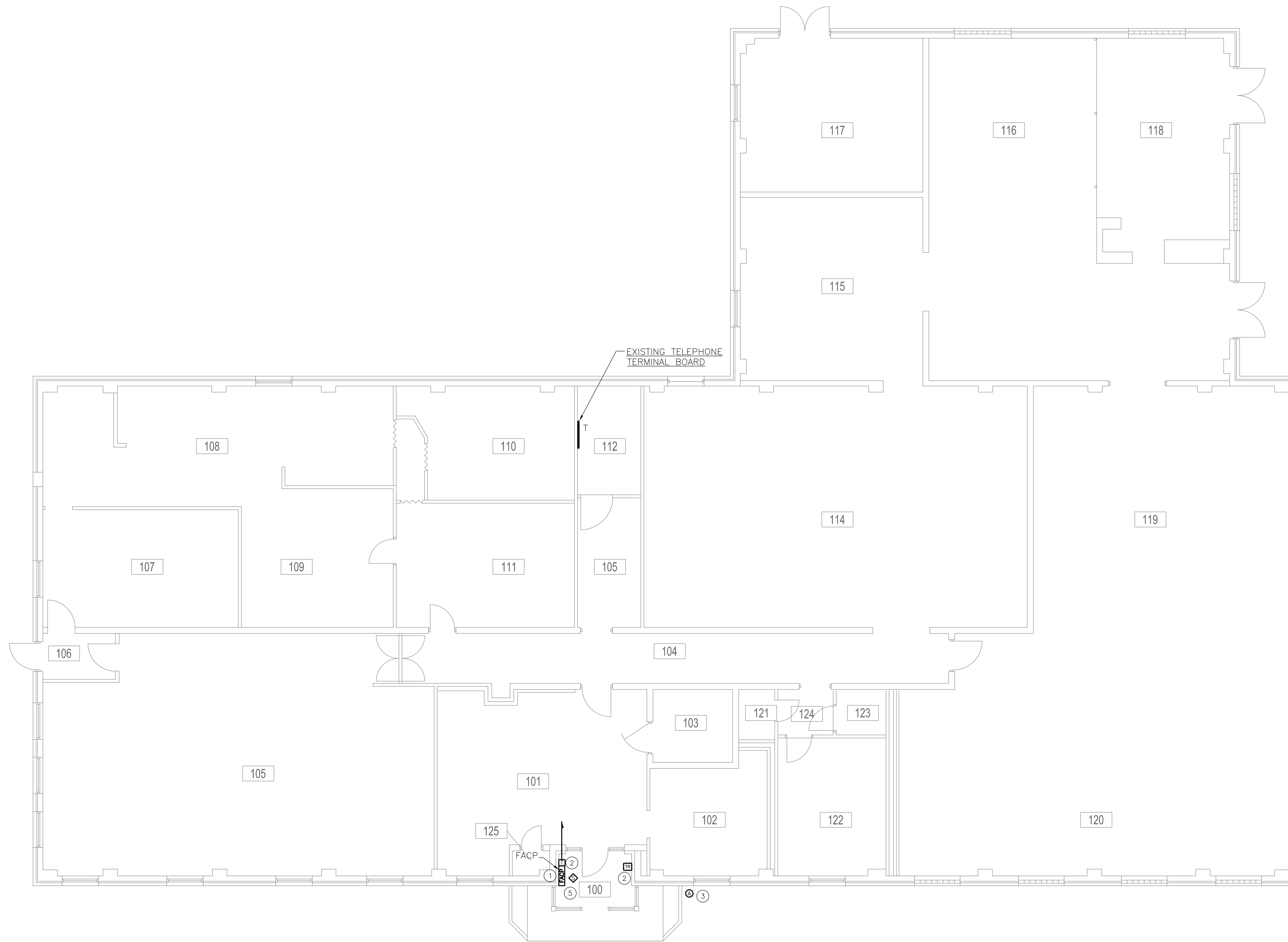
DATE: 7/30/2010	FINAL SUBMISSION	E1.19
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS DR MCW CHK EJM SUPV JWM IN CH .	MARINE CORPS BASE, CAMP LEJEUNE, N.C. UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS BUILDING NO. 67 FIRST FLOOR FIRE ALARM SYSTEM
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	NAVFAC DRAWING NO. 60006379
SATISFACTORY TO DATE	F	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
	SCALE NOTED SPEC	09-0093 SHEET 22 OF 102

HV-PRO-1070266-A1-WXREF

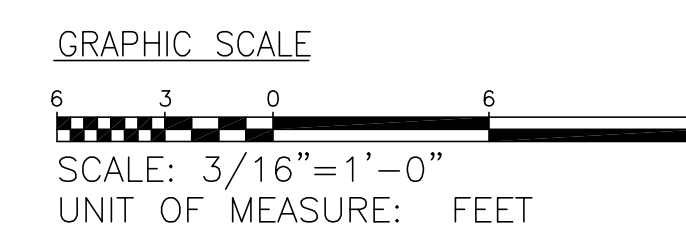
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- REMOVE EXISTING SIMPLEX 4002, 8 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



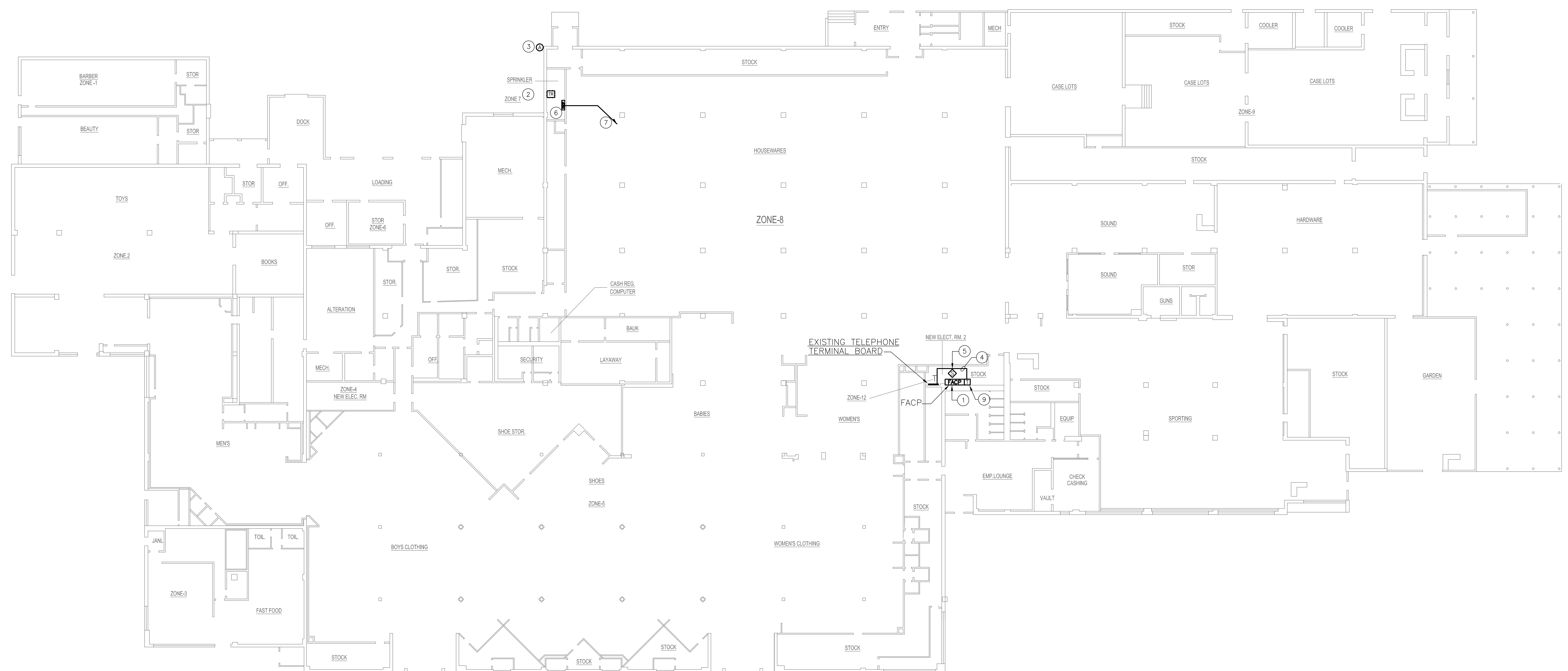
DATE: 7/30/2010	FINAL SUBMISSION	E1.20
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006380
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 23 OF 102

HV-PRO-1070266-A1-WXREF

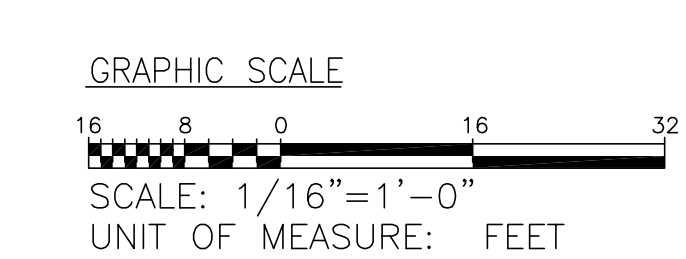
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- ① REMOVE EXISTING ADT200 FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ EXTEND EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. EXISTING SPRINKLER PANEL TO REMAIN (14 ZONE). PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ EXTEND EXISTING ALARM AND ANNUNCIATION CONDUCTORS AND CONNECT TO NEW MAIN FIRE ALARM CONTROL PANEL.
 - ⑧ NOT USED.
 - ⑨ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



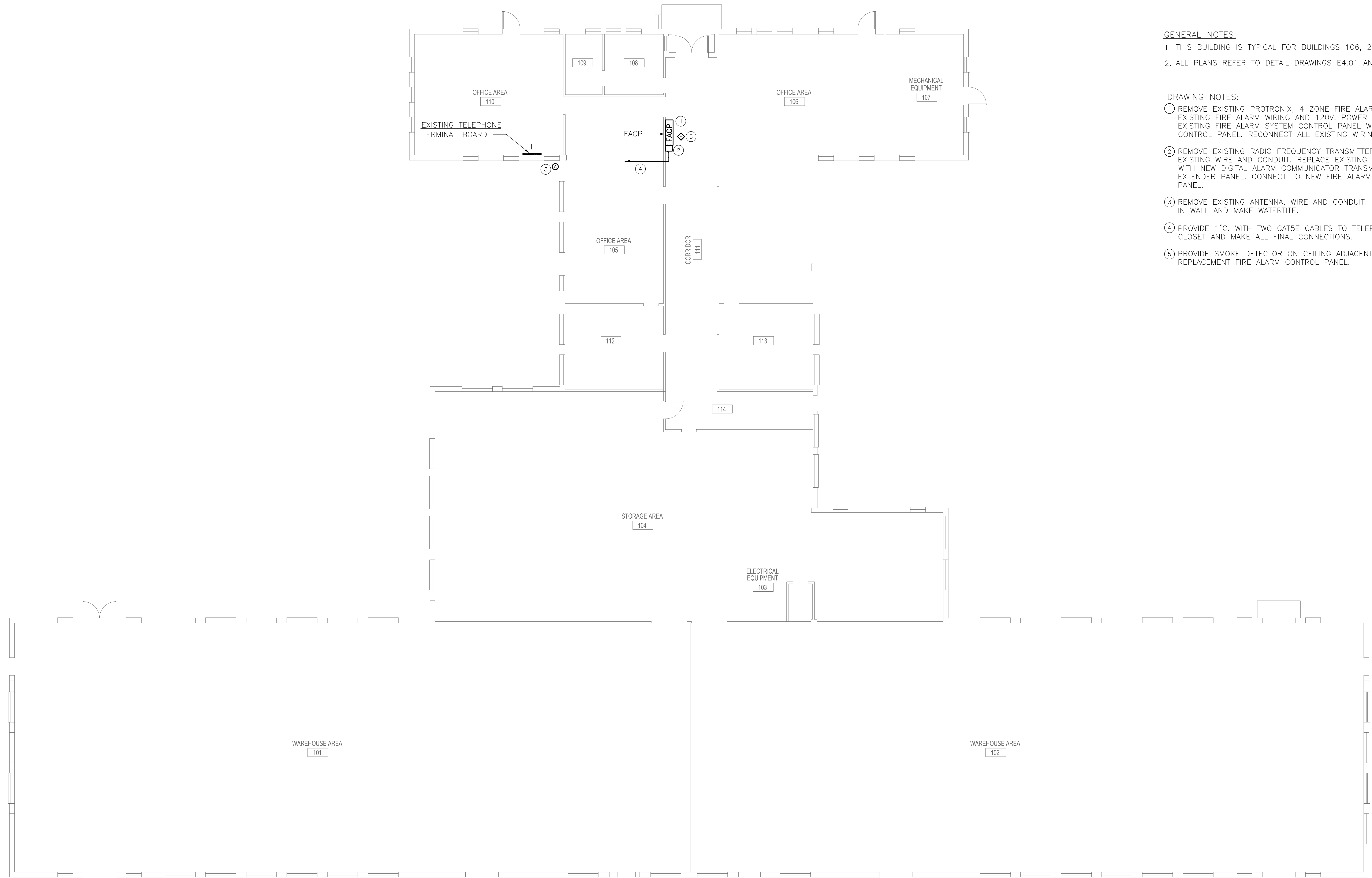
DATE: 7/30/2010	FINAL SUBMISSION	E1.21
 FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. 84 FIRST FLOOR FIRE ALARM SYSTEM	
SUPV JWM	SIZE	CODE IDENT NO
IN CH .	F	NAVAC DRAWING NO. 60006381
APPROVED: FEO OR OICC DATE	DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO	DATE	NAVAC DRAWING NO. 60006381
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SHEET 24 OF 102

HV-PRO-1070266-A1-WXREF

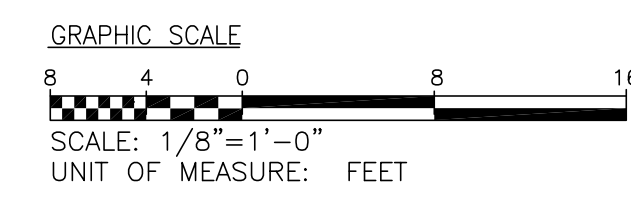
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


- GENERAL NOTES:
1. THIS BUILDING IS TYPICAL FOR BUILDINGS 106, 226, 408, 424 AND 509.
 2. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

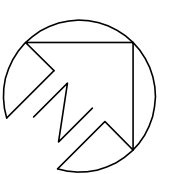
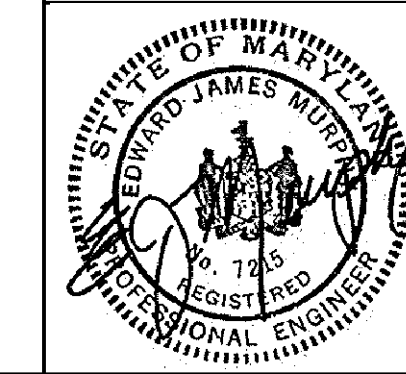
- DRAWING NOTES:
- 1 REMOVE EXISTING PROTRONIX, 4-ZONE FIRE ALARM CONTROL PANEL. EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - 2 REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - 3 REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - 4 PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - 5 PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.22
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006382
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 25 OF 102

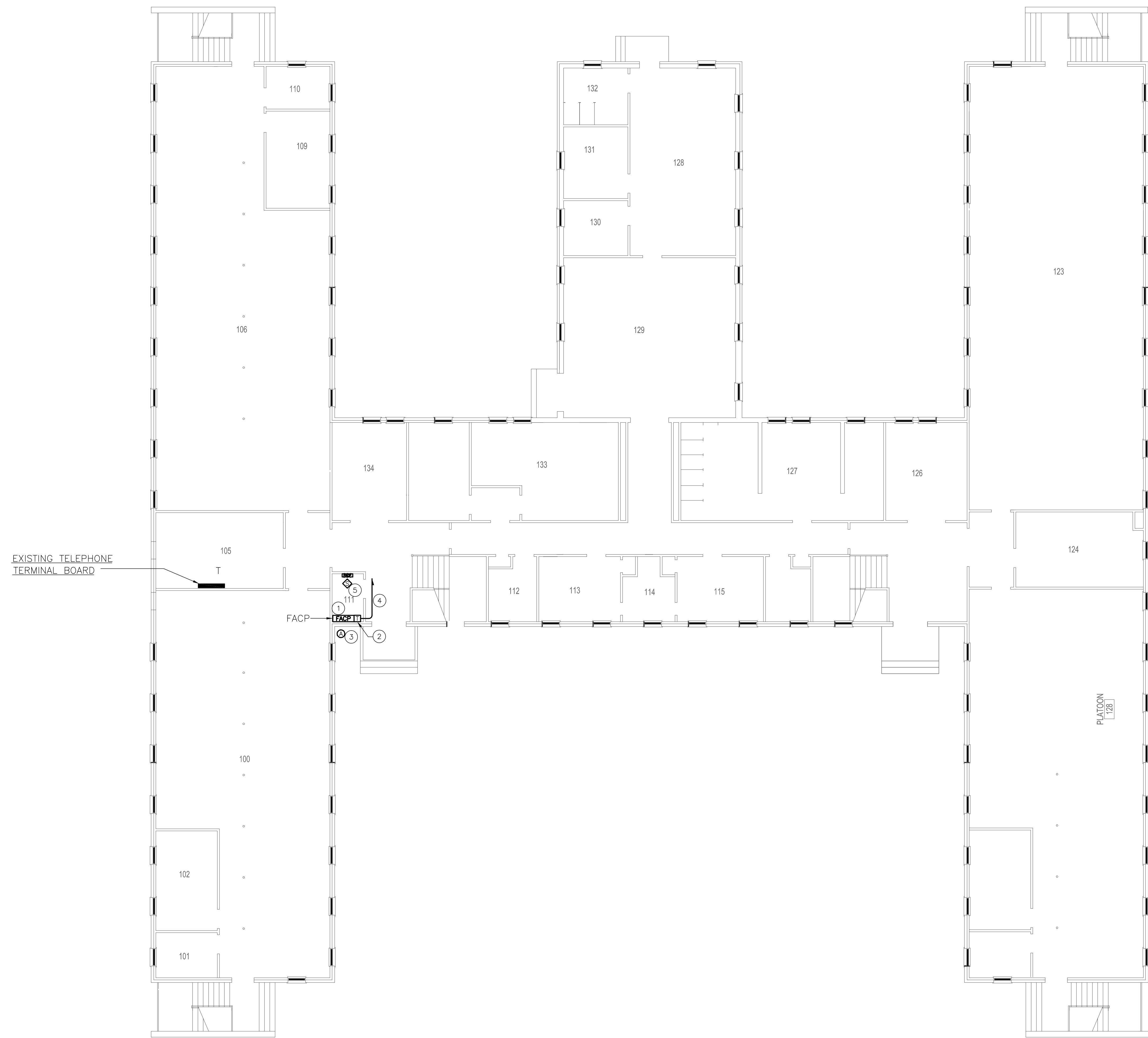


H:\PROJ\070266\AI\REF

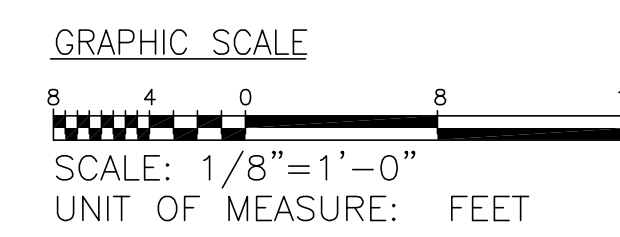
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

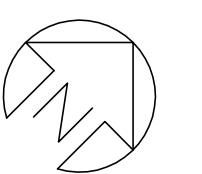
- DRAWING NOTES:
- REMOVE EXISTING NOTIFIER, 20 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.23
 FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. 111 FIRST FLOOR FIRE ALARM SYSTEM	
CHK EJM	SIZE	CODE IDENT NO
SUPV JWM	F	60006383
IN CH .	APPROVED: FEO OR OICC	DATE
SATISFACTORY TO	DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SHEET 26 OF 102



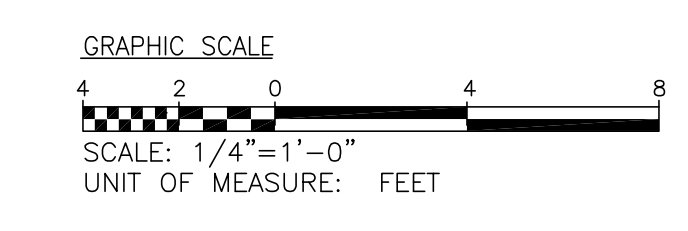
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

- GENERAL NOTES:**
- THIS BUILDING IS TYPICAL FOR BUILDINGS 216, 315, 501 AND 516.
 - ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

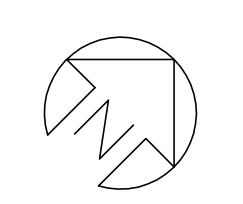
- DRAWING NOTES:**
- REMOVE EXISTING SIMPLEX 4002, 4 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMIAN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - NOT USED.
 - NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.24
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006384
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 27 OF 102

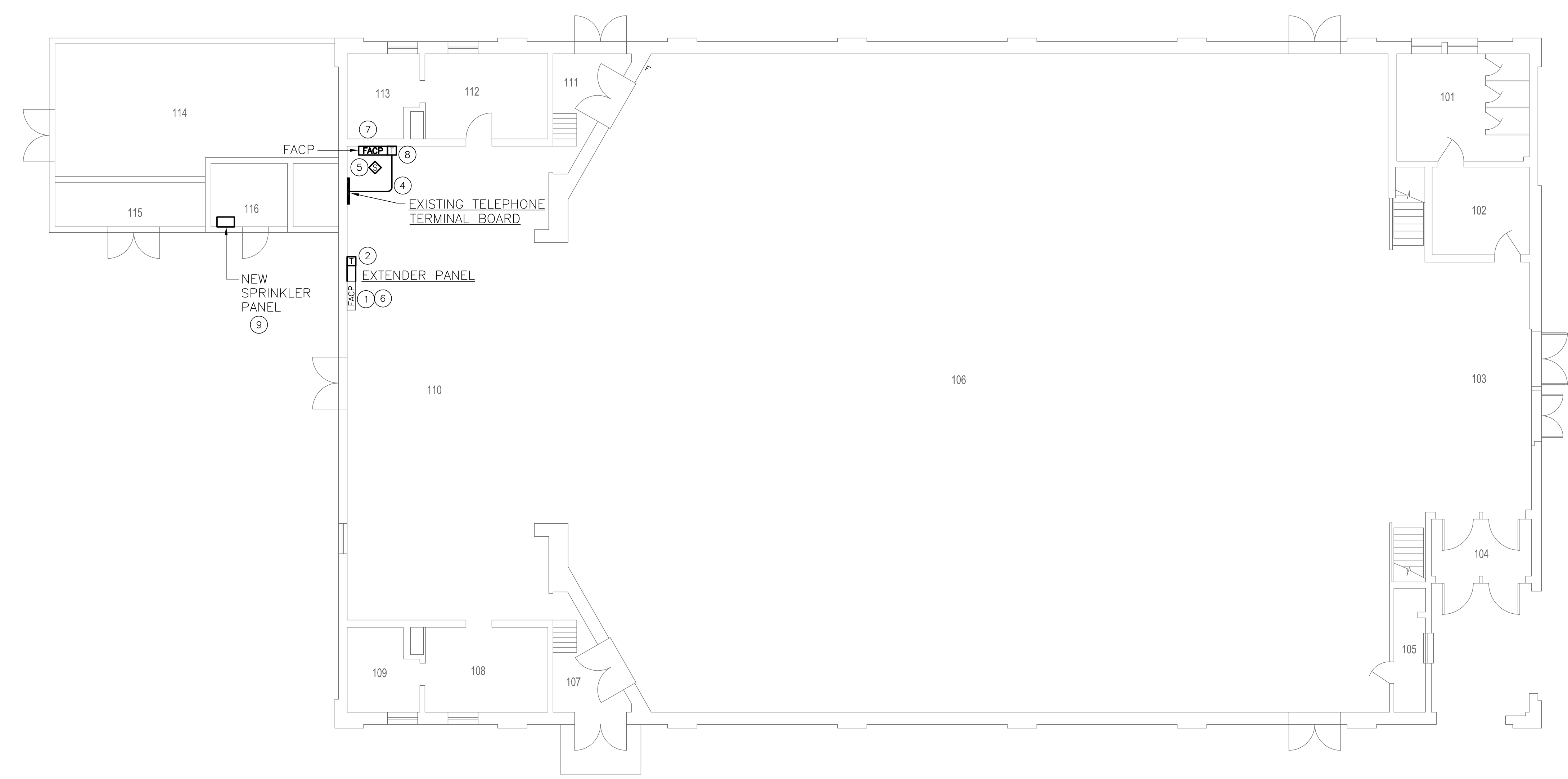


H:\PROJ\070266\A\XREF

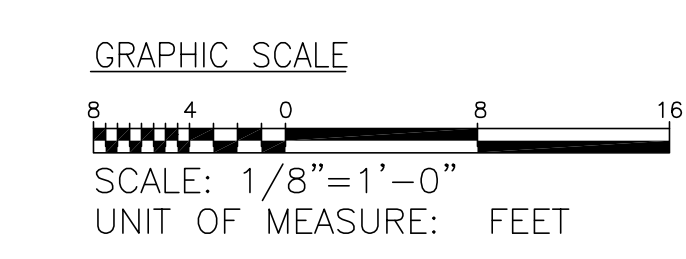
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. THIS BUILDING IS TYPICAL FOR BUILDING 401.
 2. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

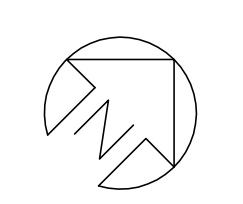
- DRAWING NOTES:**
- ① REMOVE EXISTING SIMPLEX 400A, 8 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENTION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ⑨ CONECT TWO FLOW AND TWO TAMPER SWITCHES TO PANEL. CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.25
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006385
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 28 OF 102



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REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:

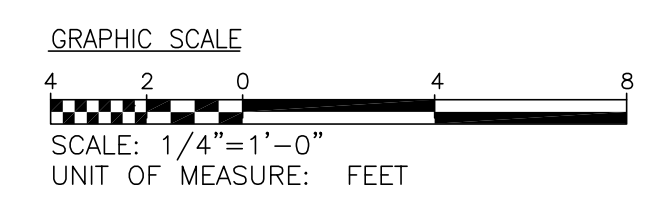
1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02


DRAWING NOTES:

- 1 REMOVE EXISTING SIMPLEX 4002, 8 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- 2 REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
- 3 REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- 4 PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- 5 PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.26
 M&E ENGINEERING, INC. 2200 W. WILSON ROAD, SUITE 100 WILSON, N.C. 27157 PHONE: 919-338-0000 FAX: 919-338-0001	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION MARINE CORPS BASE, CAMP LEJEUNE, N.C.
DES CAS DR MCW CHK EJM SUPV JWM		UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
IN CH .		BUILDING NO. 116 FIRST FLOOR FIRE ALARM SYSTEM
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	NAVFAC DRAWING NO. 60006386
SATISFACTORY TO DATE	F .	CONSTRUCTION CONTRACT NO. N40085-09-B-0093 SHEET 29 OF 102
	SCALE NOTED SPEC	09-0093

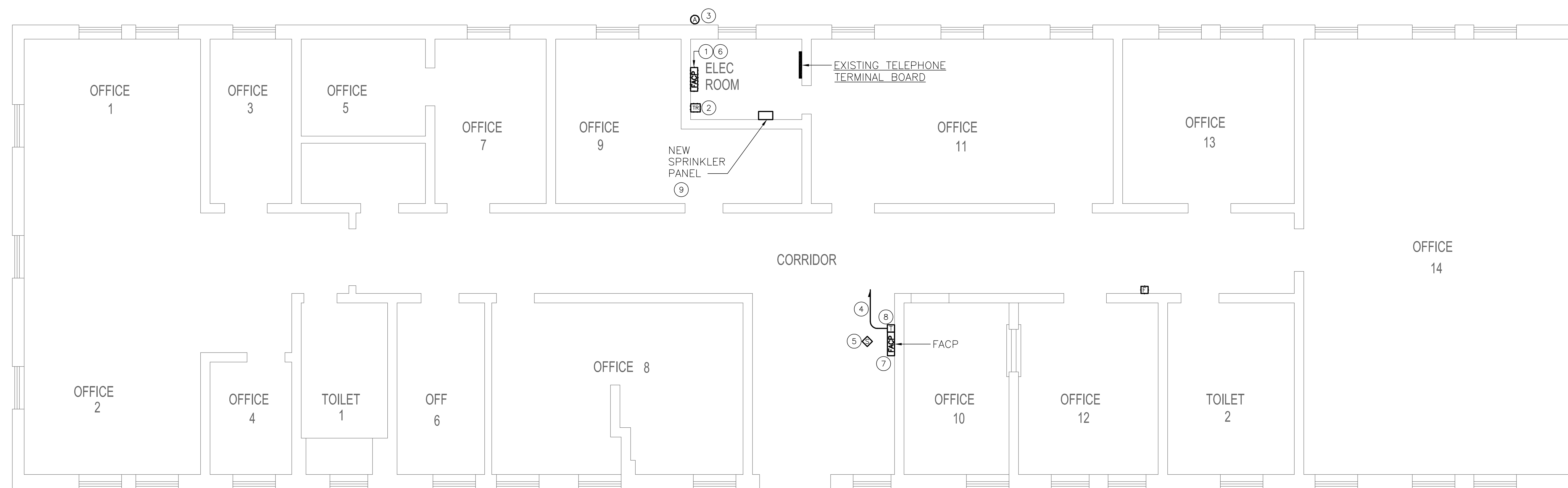
H:\PROJ\070266\A\WREF

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

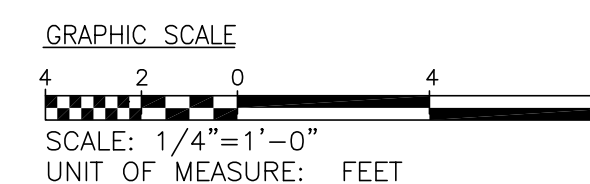
GENERAL NOTES:
 1. THIS BUILDING IS TYPICAL FOR BUILDING 421. PANEL FIRELINE MS-2.
 2. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

DRAWING NOTES:
 ① REMOVE EXISTING SIMPLEX 4002, 8 ZONE FIRE ALARM CONTROL PANEL.
 ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".

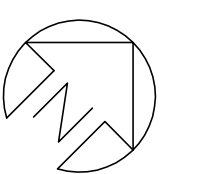
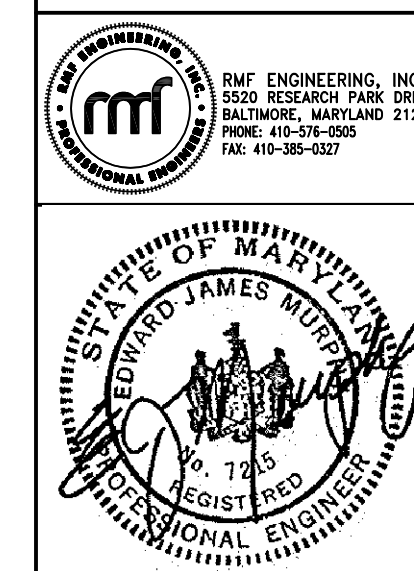
⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 ⑨ CONNECT ONE FLOW AND ONE TAMPER EXISTING SWITCHES TO PANEL, CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.27
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING 119 & 421 FIRST FLOOR FIRE ALARM SYSTEM	
CHK EJM	IN CH .	NAVFAC DRAWING NO. 60006387
SUPV JWM	APPROVED: FEO OR OICC DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO	DATE	SHEET 30 OF 102
SCALE NOTED SPEC 09-0093		

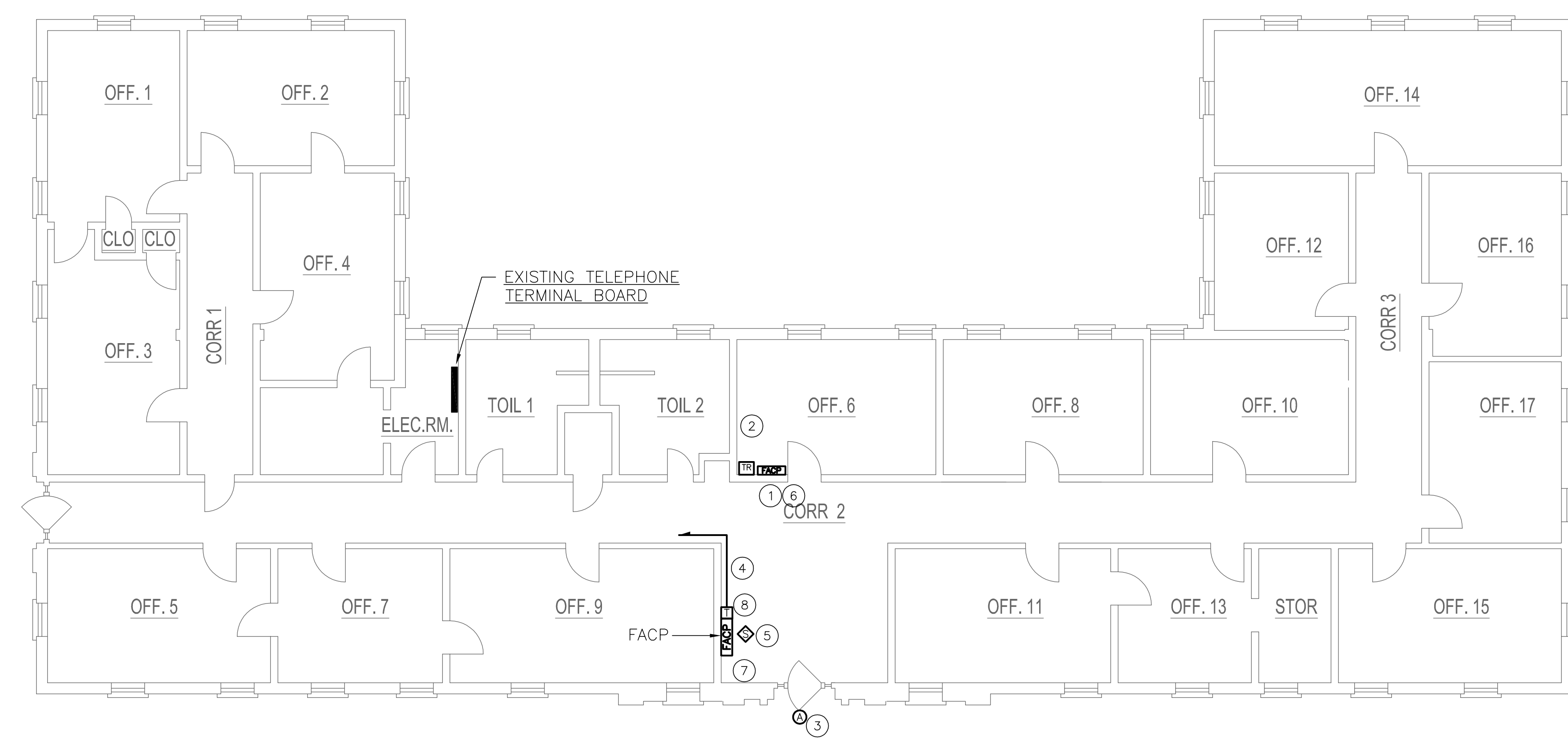


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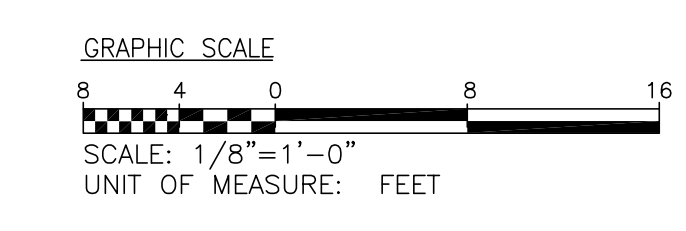
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. THIS BUILDING IS TYPICAL FOR BUILDINGS 320 AND 522.
 2. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:**
- ① REMOVE EXISTING SIMPLEX 4001, 4 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.28
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. 123, 320 & 522 FIRST FLOOR FIRE ALARM SYSTEM	
CHK EJM	SIZE	CODE IDENT NO
SUPV JWM	F	60006388
IN CH .	APPROVED: FEO OR OICC	DATE
SATISFACTORY TO	DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		NAVAC DRAWING NO. 60006388
		SHEET 31 OF 102

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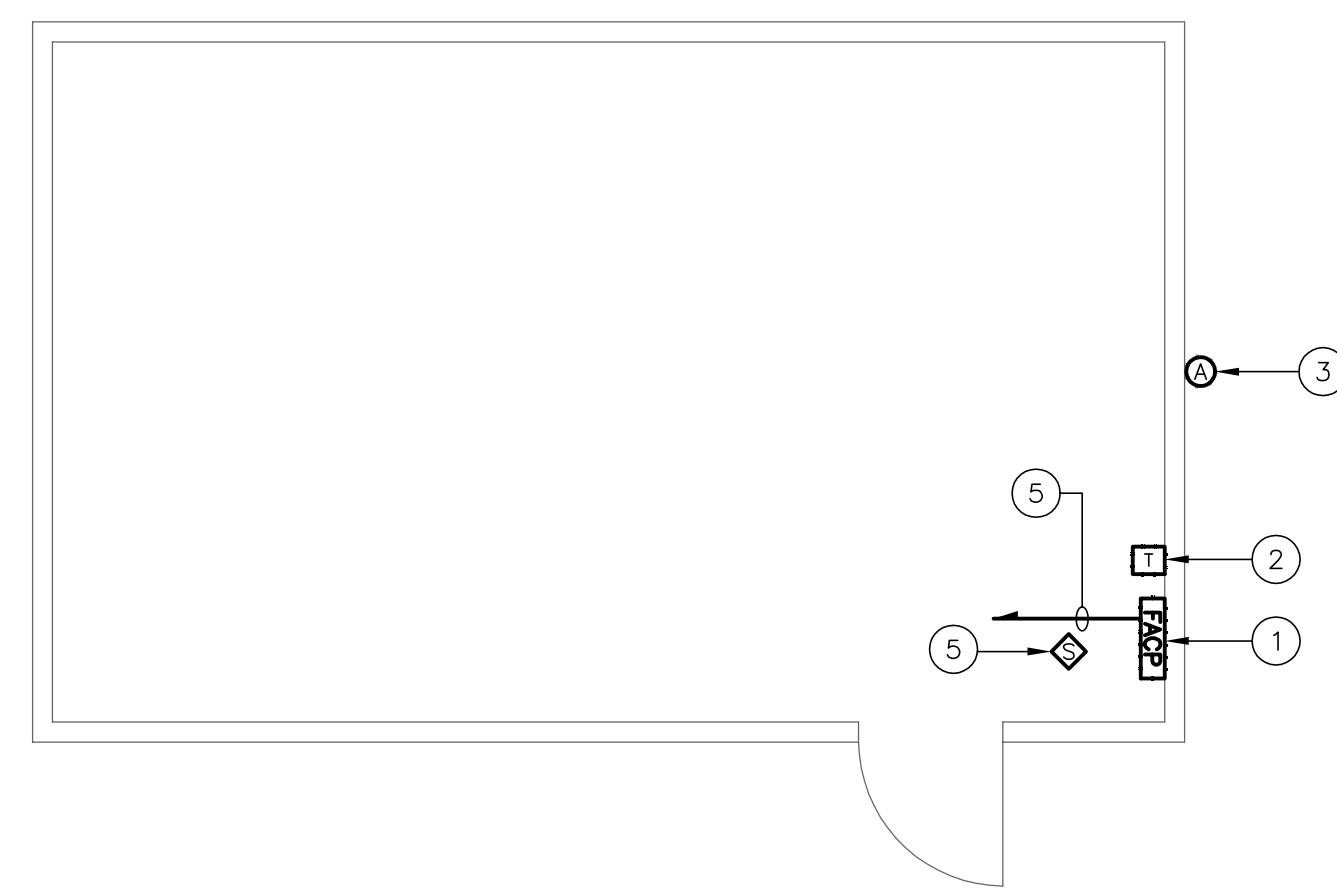
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:

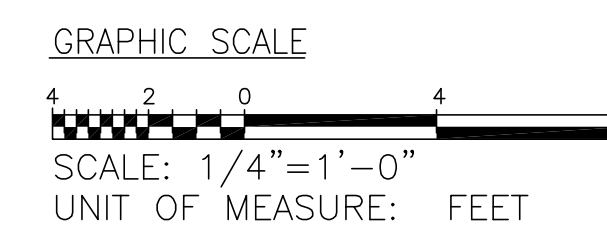
1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02


DRAWING NOTES:

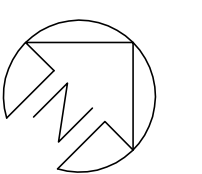
- 1 REMOVE EXISTING SIMPLEX 4001, 4 ZONE FIRE ALARM CONTROL PANEL. EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- 2 REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
- 3 REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- 4 PROVIDE 1" C WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- 5 PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



TELEPHONE TERMINAL BUILDING
GROUND FLOOR PLAN



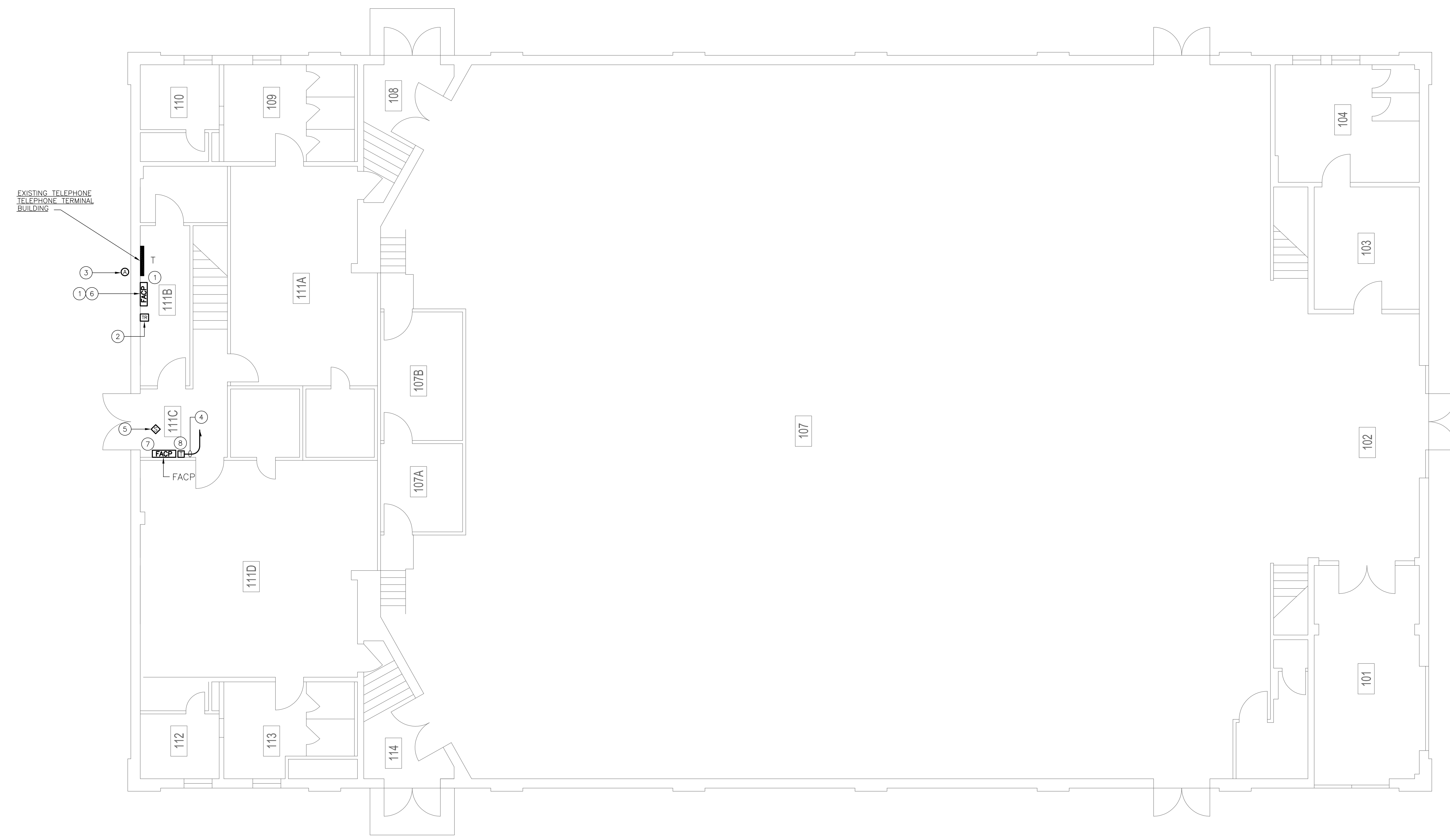
DATE: 7/30/2010	FINAL SUBMISSION	E1.29
 M&E ENGINEERING, INC. 2200 W. MILITARY TRAIL MARIETTA, GEORGIA 30067 PHONE: 404-241-0000 FAX: 404-241-0001	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION MARINE CORPS BASE, CAMP LEJEUNE, N.C.
DES CAS DR MCW CHK EJM SUPV JWM IN CH .	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
APPROVED: FEO OR OICC DATE	BUILDING NO. 147 FIRE ALARM SYSTEM - DEMOLITION	
SATISFACTORY TO DATE	SIZE F CODE IDENT NO .	NAVFAC DRAWING NO. 60006389
	SCALE NOTED SPEC	CONSTRUCTION CONTRACT NO. N40085-09-B-0093 09-0093 SHEET 32 OF 102



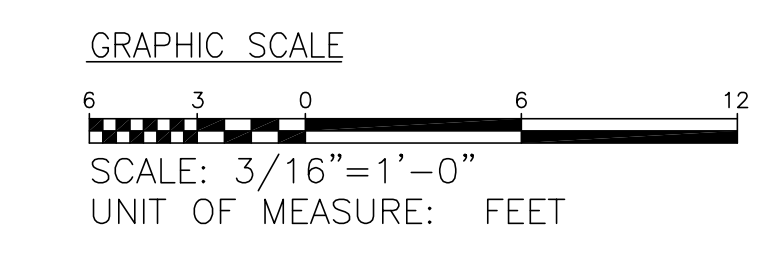
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4002, 8 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C WITH TWO CATSESE CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS ANMD EXISTING 120V, POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN – DEMOLITION



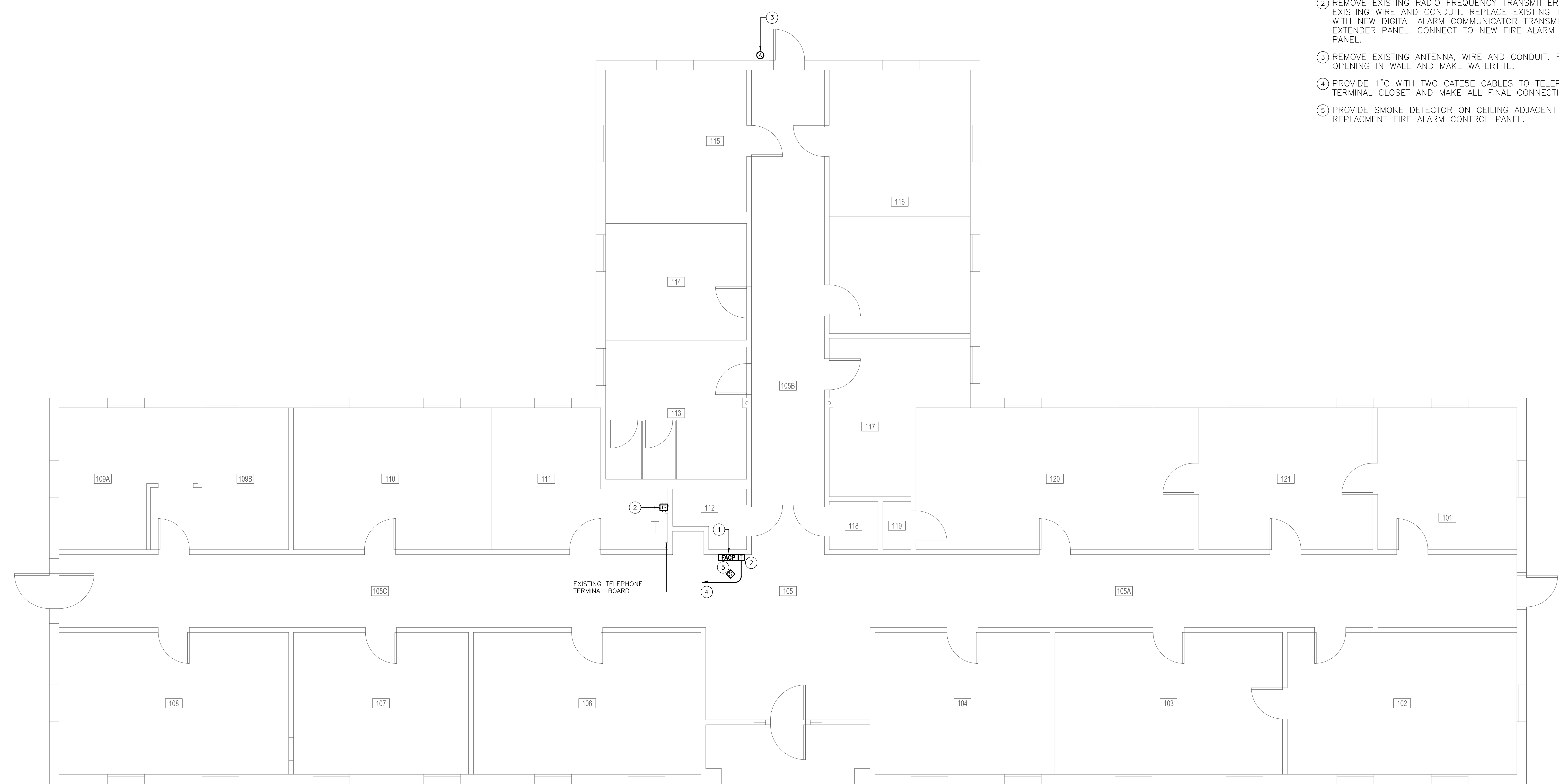
DATE: 7/30/2010	FINAL SUBMISSION	E1.30
 M & E ENGINEERING, INC. 2200 W. MARKET STREET WILMINGTON, DELAWARE 19806 PHONE: 302-438-0000 FAX: 302-438-0001	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION MARINE CORPS BASE, CAMP LEJEUNE, N.C.
DES CAS DR MCW CHK EJM SUPV JWM IN CH .	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
APPROVED: FEO OR OICC DATE	SIZE F	BUILDING NO. 201 FIRST FLOOR FIRE ALARM SYSTEM – DEMOLITION NAVFAC DRAWING NO. 60006390
SATISFACTORY TO DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093	SHEET 33 OF 102
SCALE NOTED	SPEC 09-0093	

HV-PRO-107266-A1-VXREF

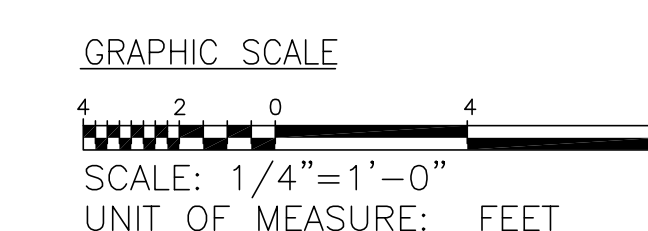
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. THIS BUILDING IS TYPICAL FOR BUILDING 317, 516 AND 526.
 2. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4002, 4 ZONE FIRE ALARM CONTROL PANEL, EXISTING ALARM WIRING AND 120V. POWER TO REMAIN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



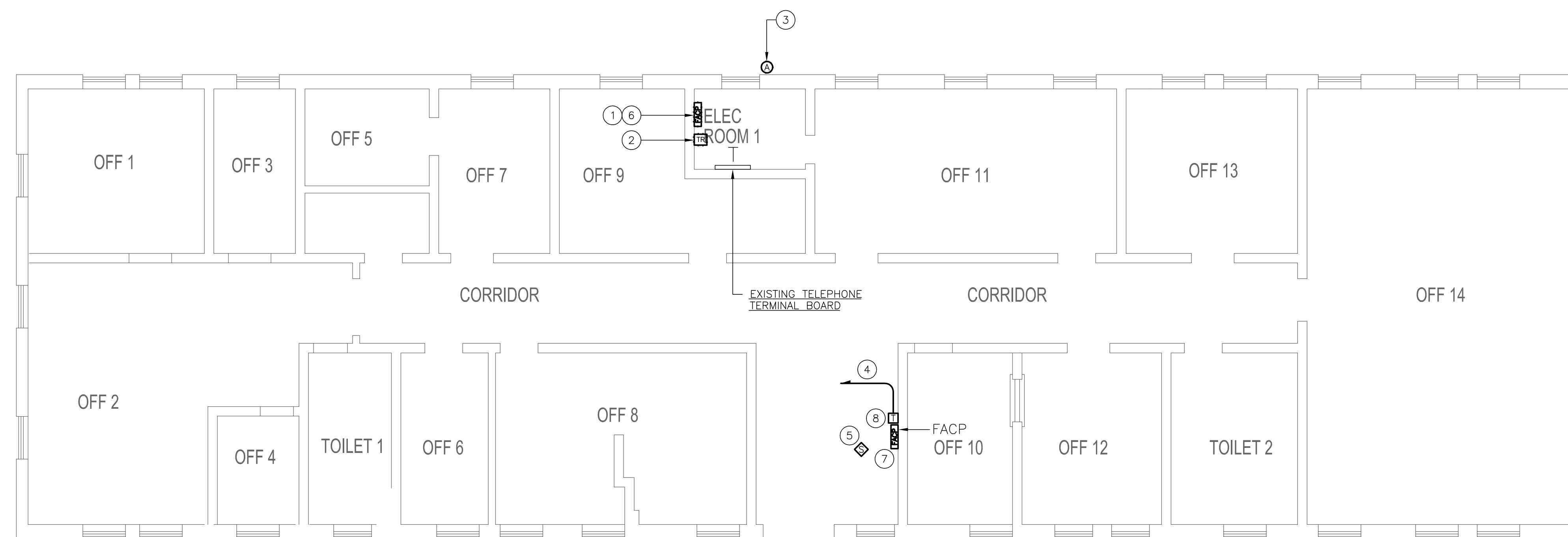
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	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. 214, 317, 516 & NO. 526	
CHK EJM	FIRST FLOOR - FIRE ALARM SYSTEM	
SUPV JWM	IN CH .	NAVAFAC DRAWING NO. 60006391
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO DATE	F .	60006391
	SCALE NOTED SPEC	09-0093 SHEET 34 OF 102

HV-PRO-1107266-A1-WXREF

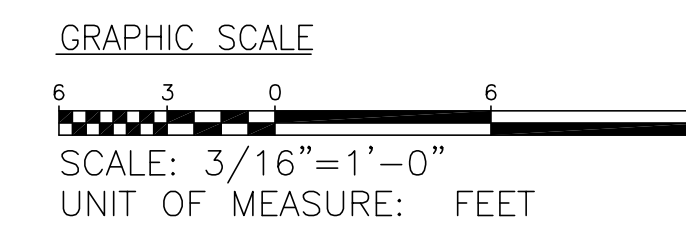
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

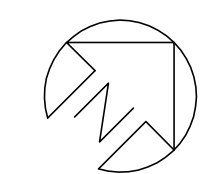
- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4001, 4 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS ANMD EXISTING 120V, POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.32
 FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. 221 FIRST FLOOR FIRE ALARM SYSTEM	
SUPV JWM	SIZE	NAVFAC DRAWING NO.
IN CH .	F	60006392
APPROVED: FEO OR OICC DATE	DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO	DATE	SCALE NOTED SPEC 09-0093 SHEET 35 OF 102



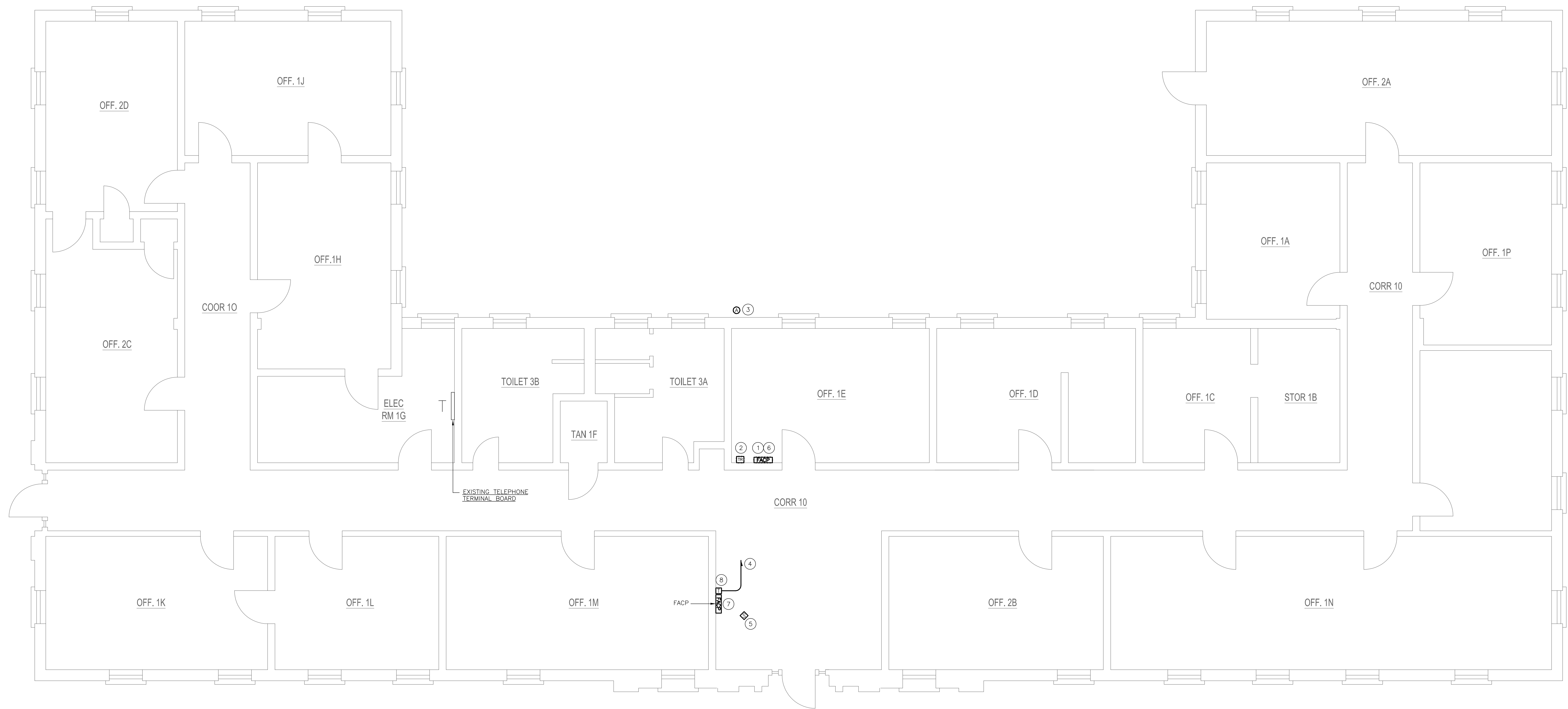
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REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

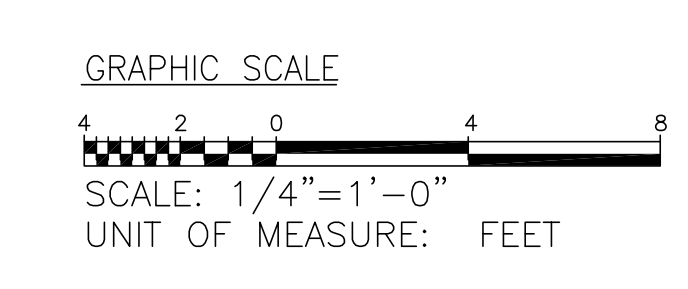
GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS ANMD EXISTING 120V, POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
- ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4001, 4 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C WITH TWO CATESE CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



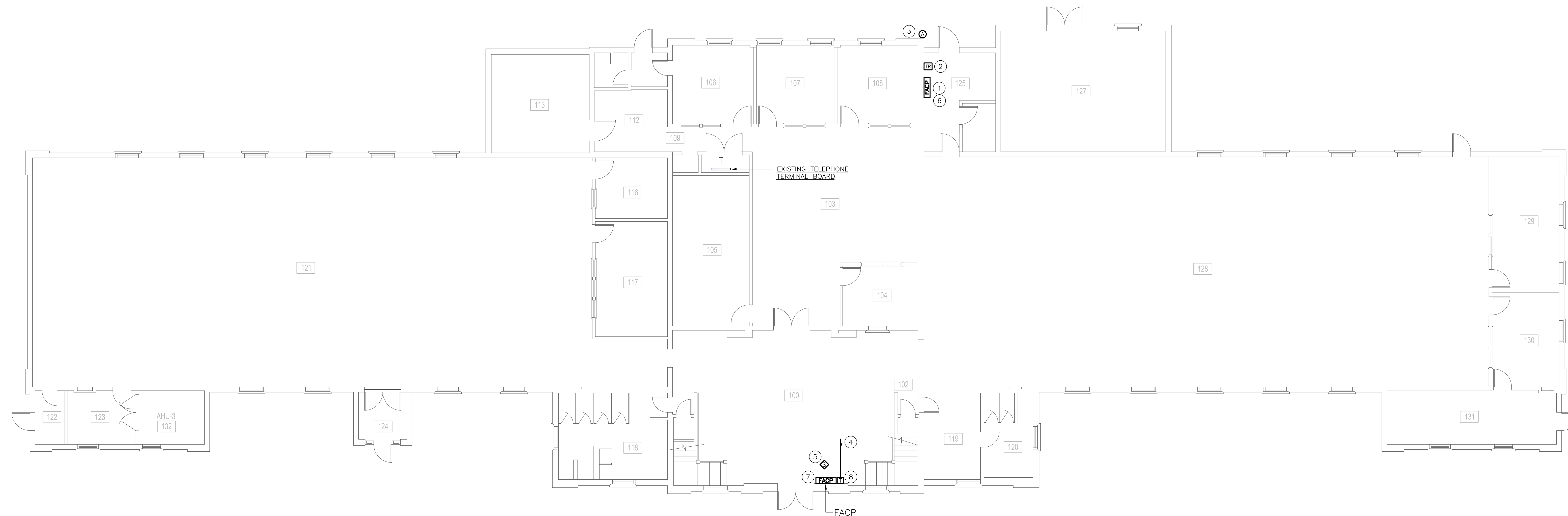
DATE: 7/30/2010	FINAL SUBMISSION	E1.33
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. 223 FIRST FLOOR FIRE ALARM SYSTEM	
SUPV JWM	SIZE	CODE IDENT NO
IN CH .	F	NAVFAC DRAWING NO. 60006393
APPROVED: FEO OR OICC DATE	DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO	DATE	NAVFAC DRAWING NO. 60006393
SCALE NOTED	SPEC 09-0093	SHEET 36 OF 102

HV-PRO-1070266A1\XREF

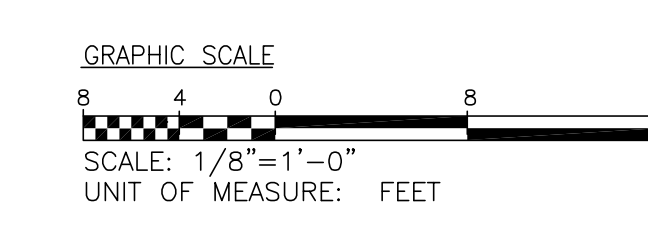
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4002, 6 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS ANMD EXISTING 120V, POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



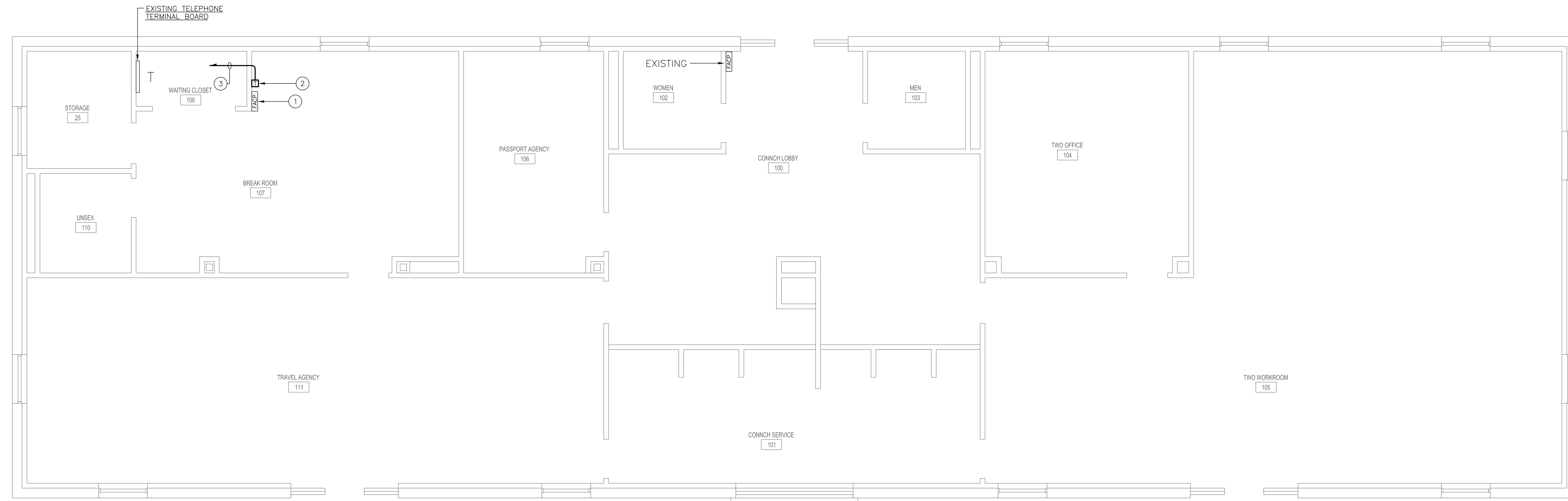
DATE: 7/30/2010	FINAL SUBMISSION	E1.34
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006394
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 37 OF 102

HV-PRO-1070266-A1-WREF

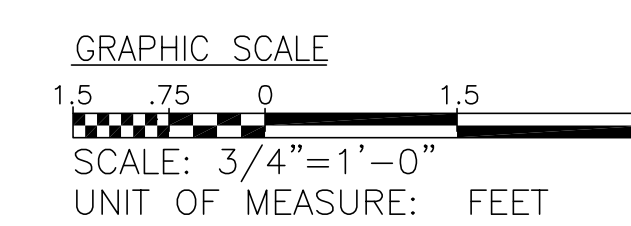
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


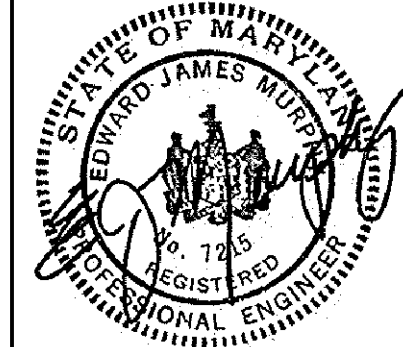
GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

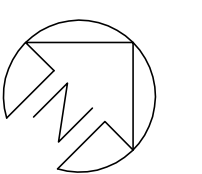
DRAWING NOTES:
 ① EXISTING FIRE ALARM CONTROL PANEL 1" C WITH 2 CAT-5E CABLES FROM AUTO DIALER TO TELEPHONE SERVICE AND MAKE CONNECTIONS.
 ② PROVIDE NEW DIGITAL ALARM COMMUNICATIONS TRANSMITTER
 ③ 1" C PROVIDE TWO (2) CAT-5E CABLES TO TELEPHONE TERMINAL BOARD. MAKE ALL FINAL CONNECTIONS.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.35
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS DR MCW CHK EJM SUPV JWM IN CH .	MARINE CORPS BASE, CAMP LEJEUNE, N.C. UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS BUILDING NO. 233 FIRST FLOOR FIRE ALARM SYSTEM
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	NAVFAC DRAWING NO. 60006395
SATISFACTORY TO DATE	F .	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
	SCALE NOTED SPEC	09-0093 SHEET 38 OF 102

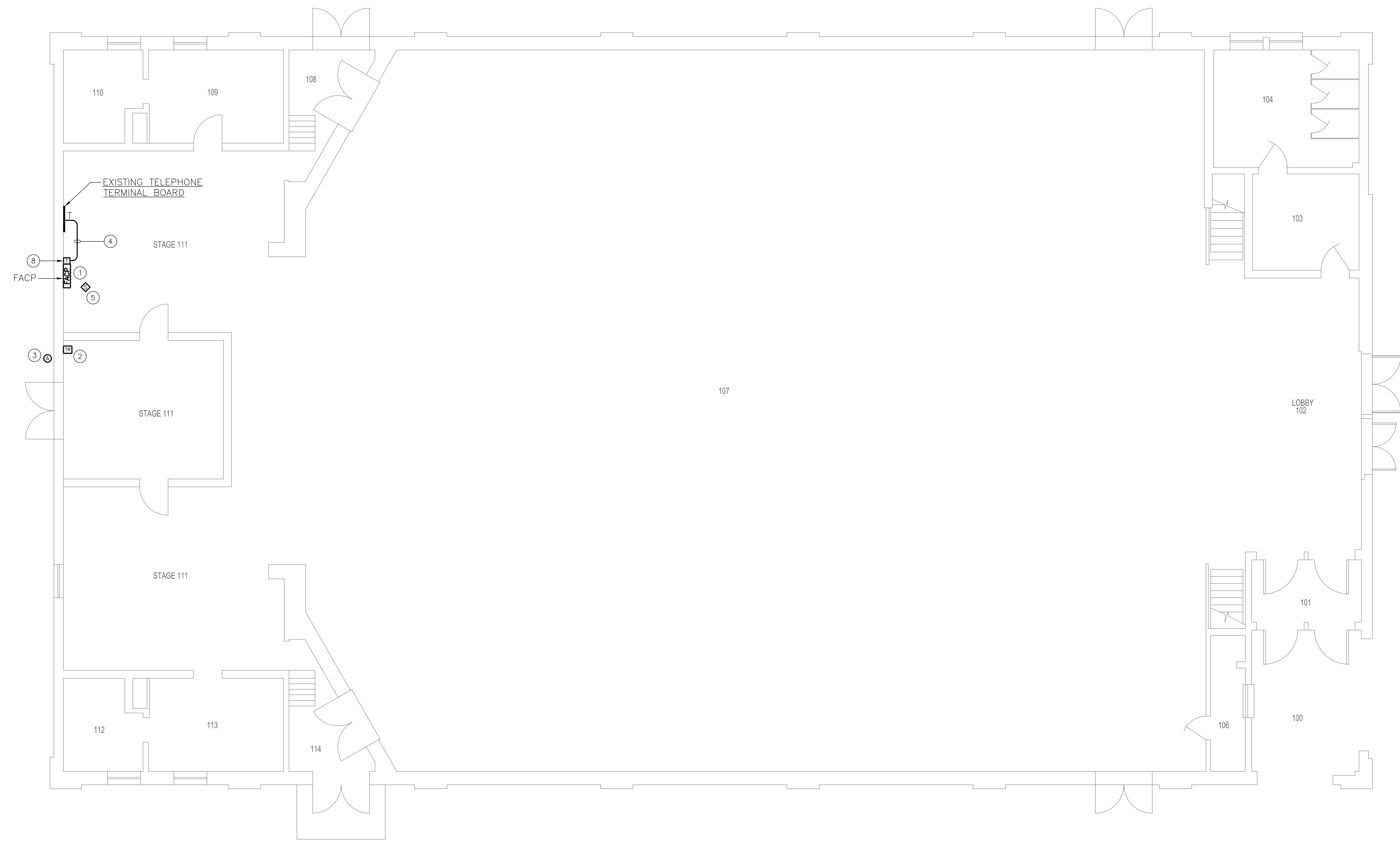


HV-PRO-1070266A1\XREF

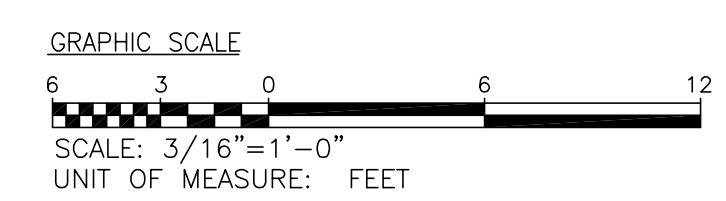
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

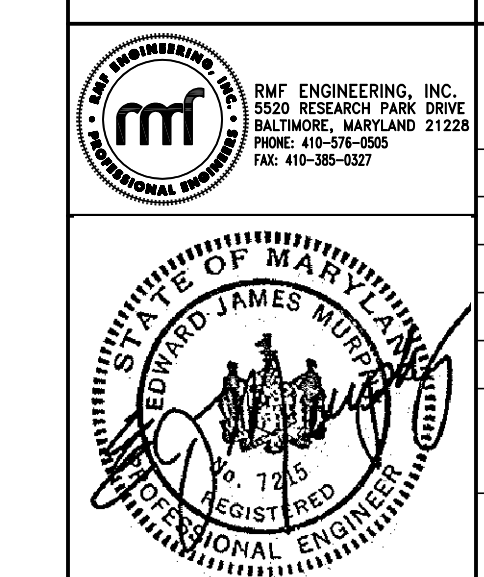
- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4002, 4 ZONE FIRE ALARM CONTROL PANEL. EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATER-TITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ NOT USED.
 - ⑦ NOT USED.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



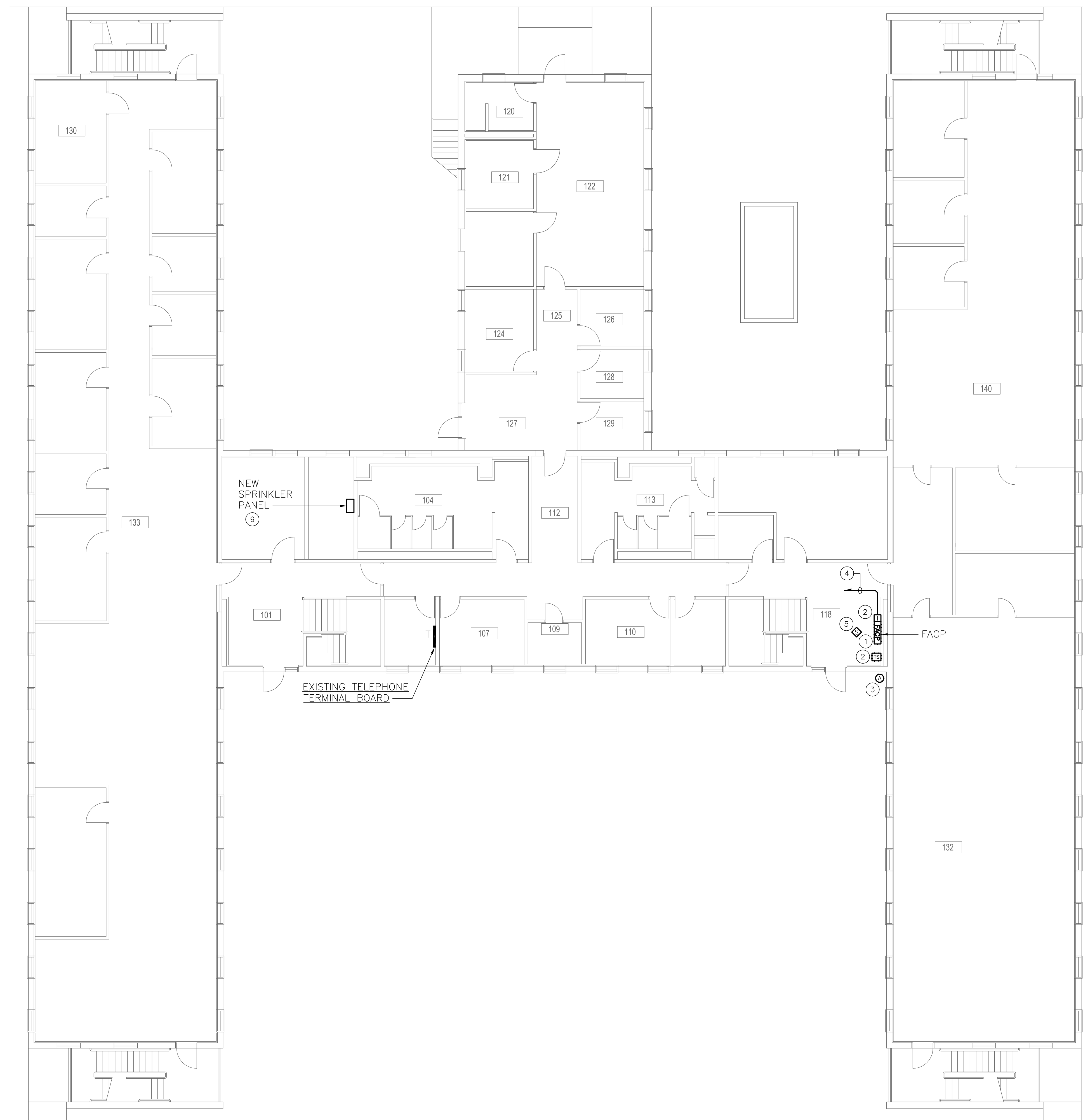
FIRST FLOOR PLAN



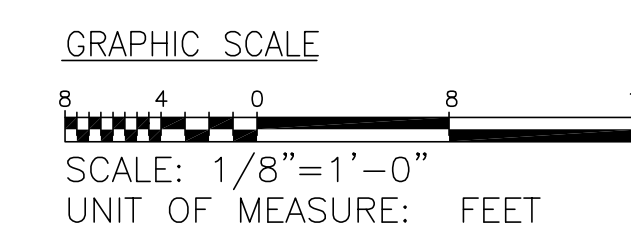
DATE: 7/30/2010	FINAL SUBMISSION	E1.36
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. 300 FIRST FLOOR FIRE ALARM SYSTEM	
CHK EJM	SIZE	CODE IDENT NO
SUPV JWM	F	60006396
IN CH .	APPROVED: FEO OR OICC	DATE
SATISFACTORY TO	DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		NAVAC DRAWING NO. 60006396
		SCALE NOTED SPEC 09-0093
		SHEET 39 OF 102



HV-PROJ070266A1\XREF




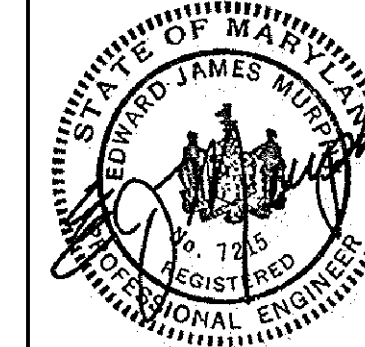
FIRST FLOOR PLAN



REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- ① REMOVE EXISTING NOTIFIER, 20 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER, REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ NOT USED.
 - ⑦ NOT USED.
 - ⑧ NOT USED.
 - ⑨ CONNECT FIVE FLOW AND TAMPER EXISTING SWITCHES TO PANEL, CONNECT PANEL TO NEW FACP.

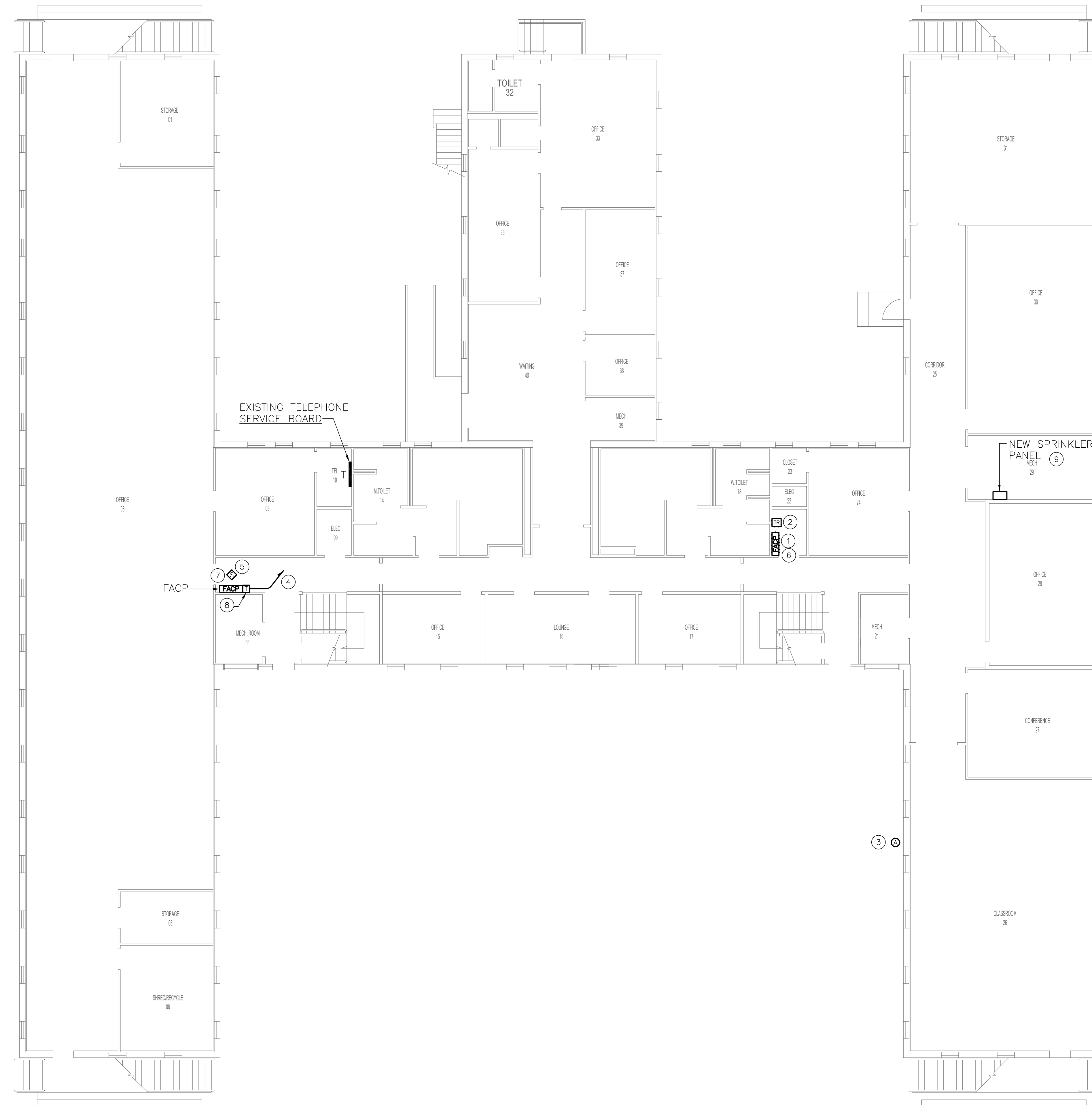
DATE: 7/30/2010	FINAL SUBMISSION	E1.37
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
	DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
	CHK EJM	BUILDING NO. 318 FIRST FLOOR FIRE ALARM SYSTEM
	SUPV JWM	NAVAC DRAWING NO. 60006397
	IN CH .	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	60006397
SATISFACTORY TO DATE	F .	SCALE NOTED SPEC 09-0093
		SHEET 40 OF 102

HV-PRO-1070266-A1-WXREF

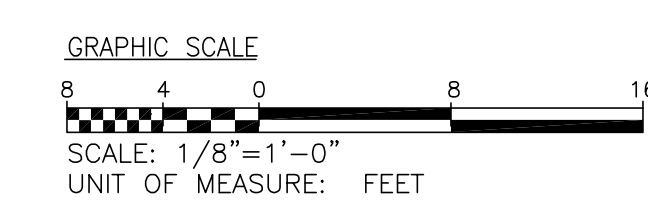
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4002, 26 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ⑨ CONNECT TWO FLOW AND THREE TAMPER EXISTING SWITCHES TO PANEL, CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



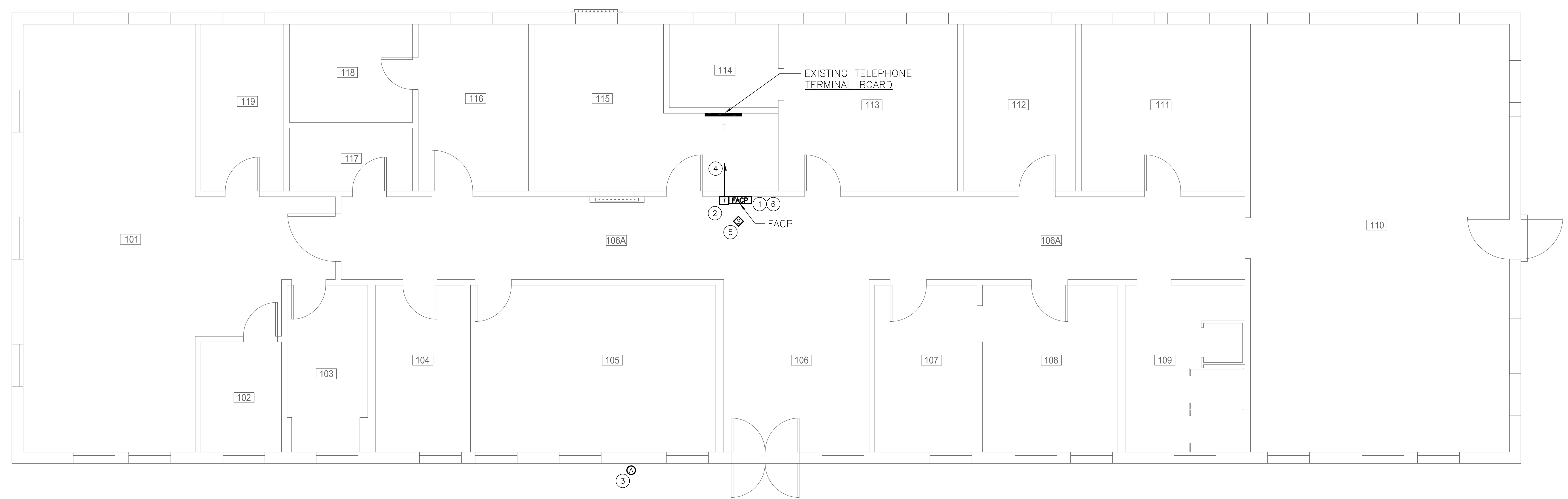
DATE: 7/30/2010	FINAL SUBMISSION	E1.38
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE F
MARINE CORPS BASE, CAMP LEJEUNE, N.C.		NAVAC DRAWING NO. 60006398
UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
BUILDING NO. 321 FIRST FLOOR FIRE ALARM SYSTEM		SHEET 41 OF 102
SCALE NOTED SPEC 09-0093		

HV-PRO-1070266-A1-WREF

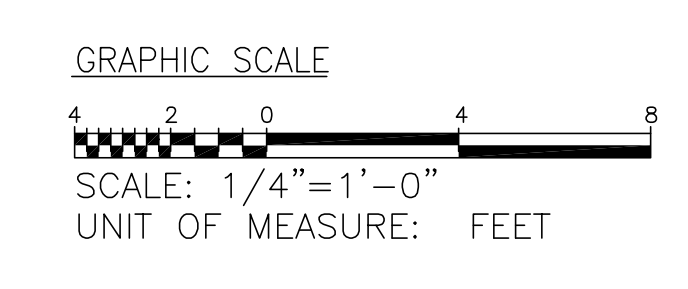
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


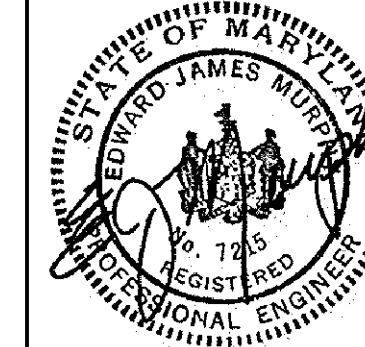
GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4002, 2 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



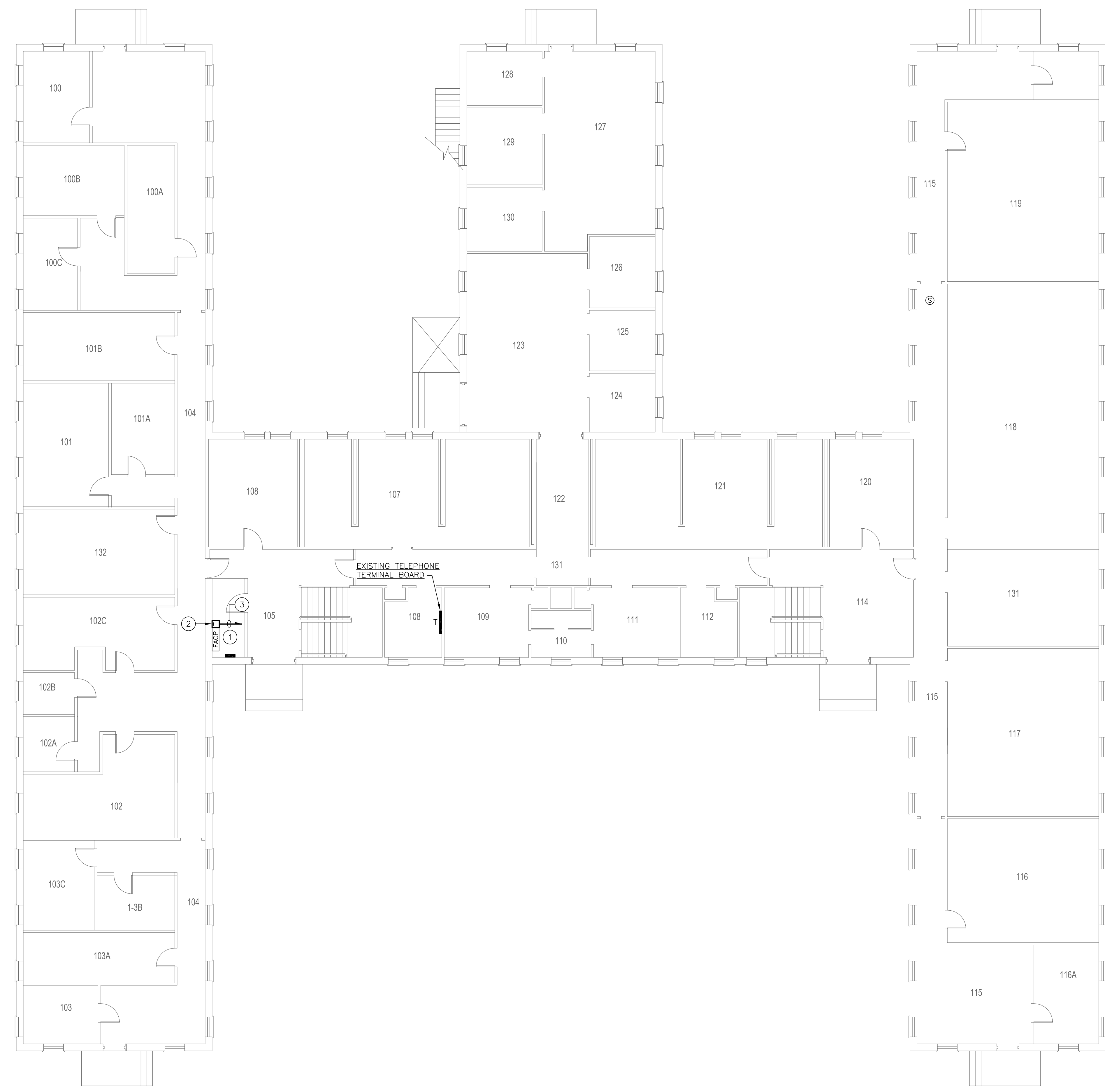
DATE: 7/30/2010	FINAL SUBMISSION	E1.39
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS DR MCW CHK EJM SUPV JWM IN CH .	MARINE CORPS BASE, CAMP LEJEUNE, N.C. UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS BUILDING NO.324 FIRST FLOOR FIRE ALARM SYSTEM
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	NAVFAC DRAWING NO.
SATISFACTORY TO DATE	F .	60006399
	SCALE NOTED SPEC	CONSTRUCTION CONTRACT NO. N40085-09-B-0093 09-0093 SHEET 42 OF 102

HV-PRO-1070266-A1\XREF

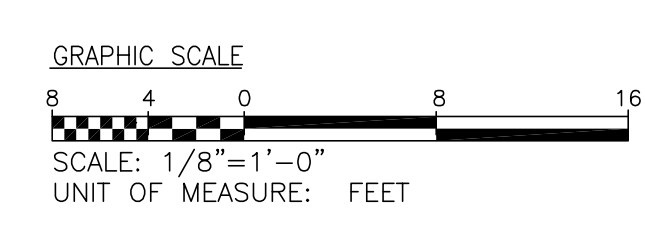
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

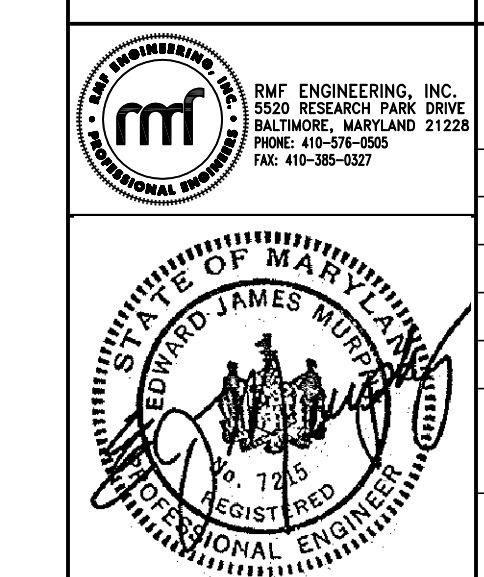
DRAWING NOTES:
 ① EXISTING FIRE ALARM CONTROL PANEL SHALL REMAIN.
 ② PROVIDE NEW DIGITAL ALARM COMMUNICATIONS TRANSMITTER.
 ③ CONNECT TRANSMITTER TO EXISTING ADDRESSABLE FIRE ALARM CONTROL PANEL. EXTEND 1" WITH TWO CAT-5E CABLES TO TELEPHONE TERMINAL BOARD AND MAKE CONNECTIONS.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.40
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. 326 FIRST FLOOR FIRE ALARM SYSTEM	
SUPV JWM	SIZE	CODE IDENT NO
IN CH .	F	60006400
APPROVED: FEO OR OICC DATE	SAISFACTORY TO	DATE
	SCALE NOTED	SPEC 09-0093
		SHEET 43 OF 102

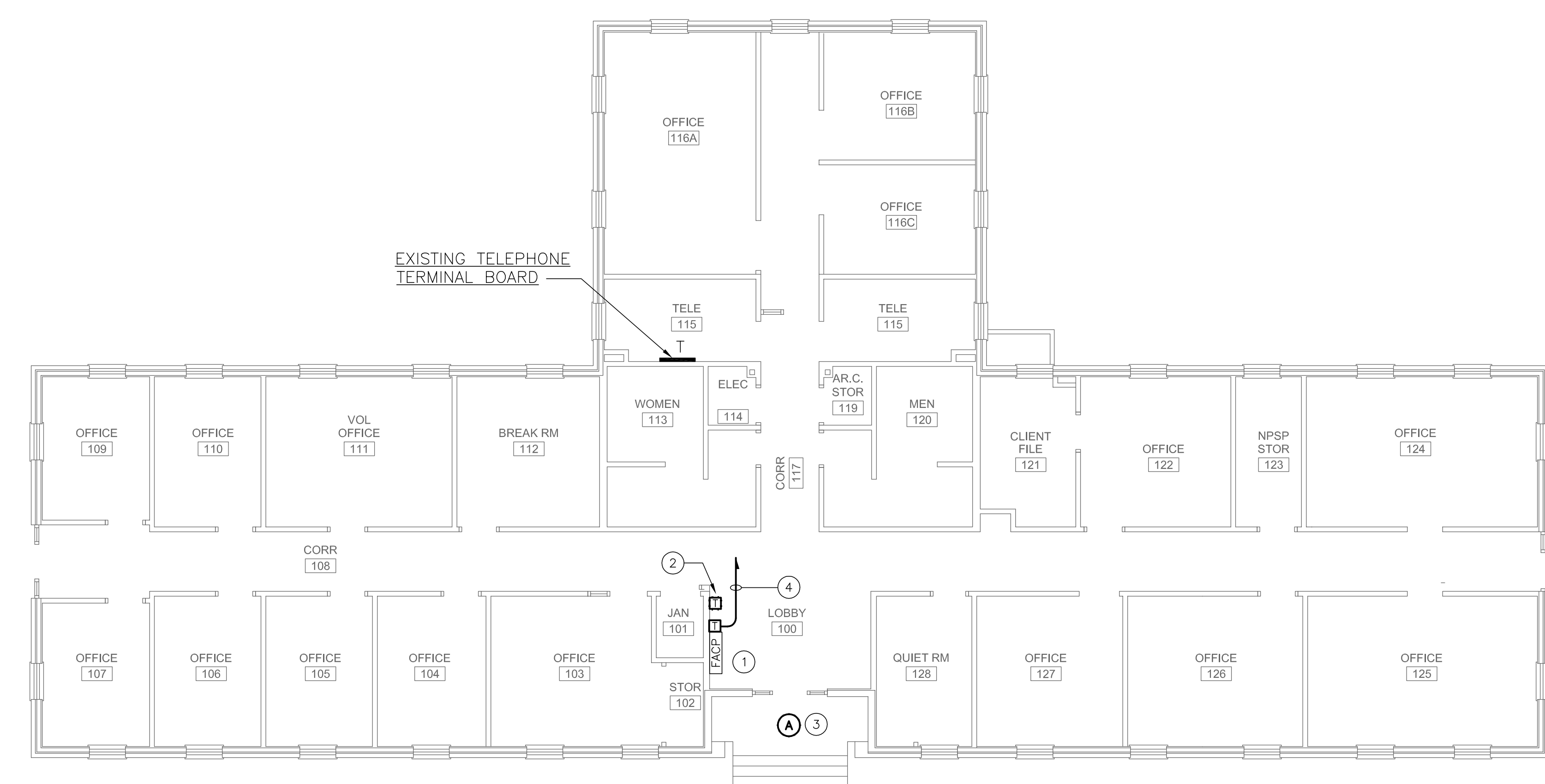


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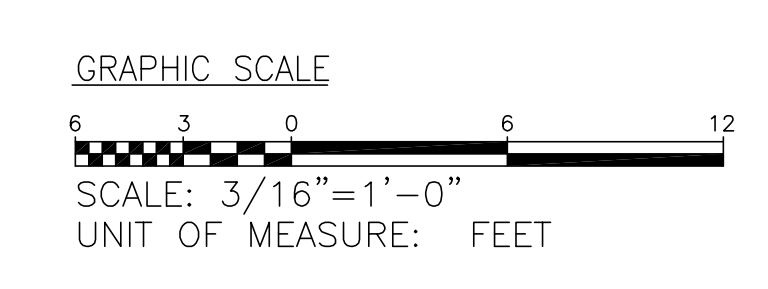
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

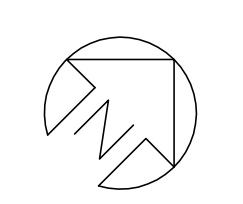
- DRAWING NOTES:
- ① EXISTING FIRE ALARM CONTROL PANEL TO REMAIN.
 - ② REMOVE EXISTING TRANSMITTER, WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL BOARD AND MAKE ALL FINAL CONNECTIONS.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.41
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006401
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 44 OF 102

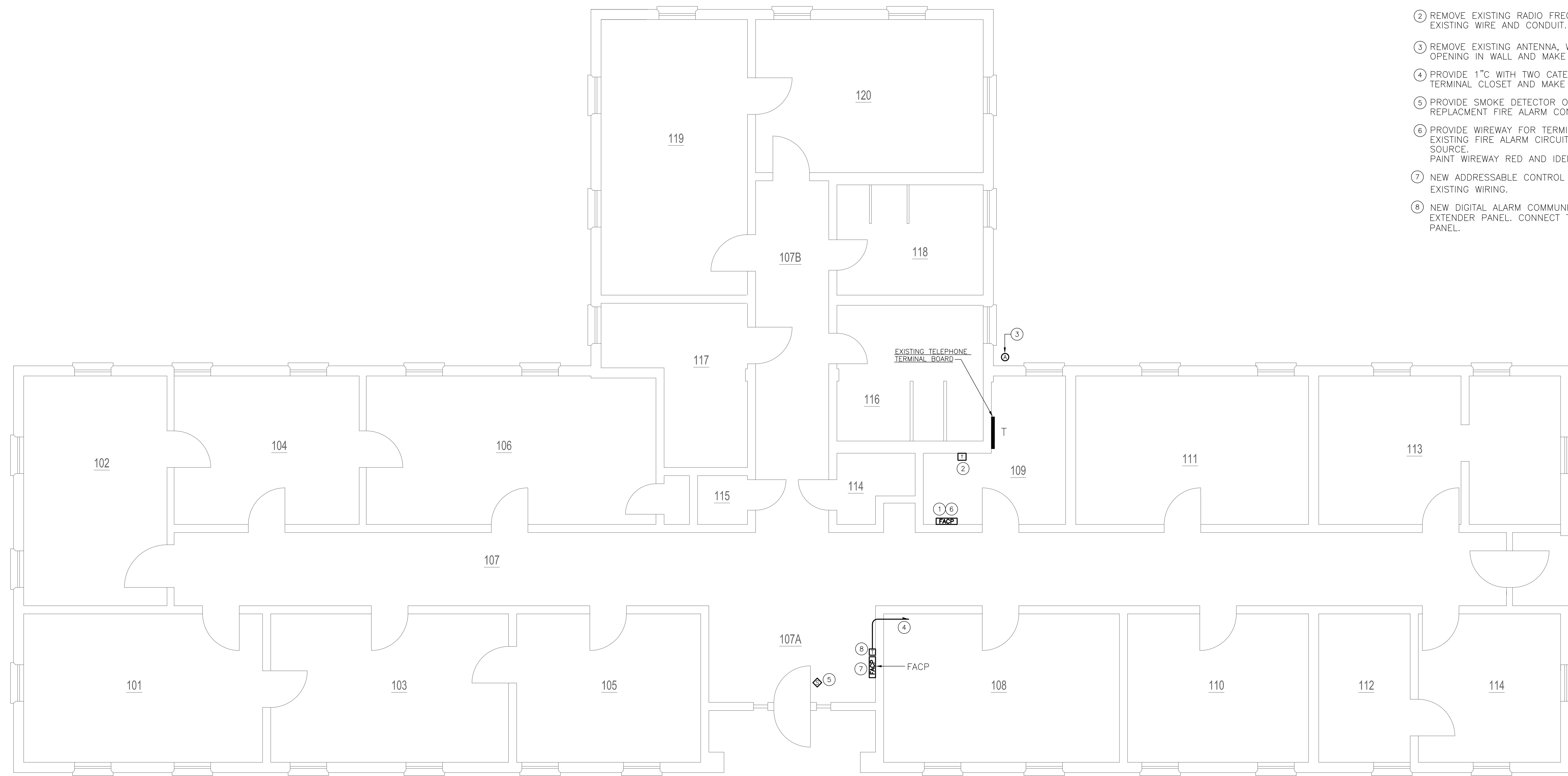


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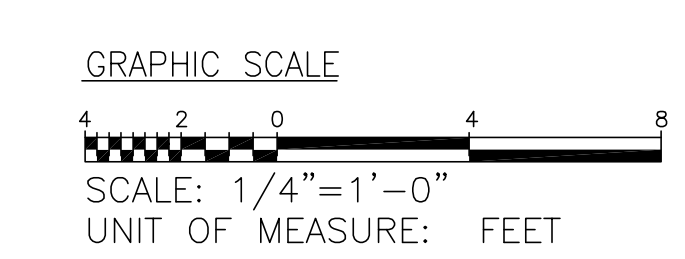
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4001, 4 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS ANMD EXISTING 120V, POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



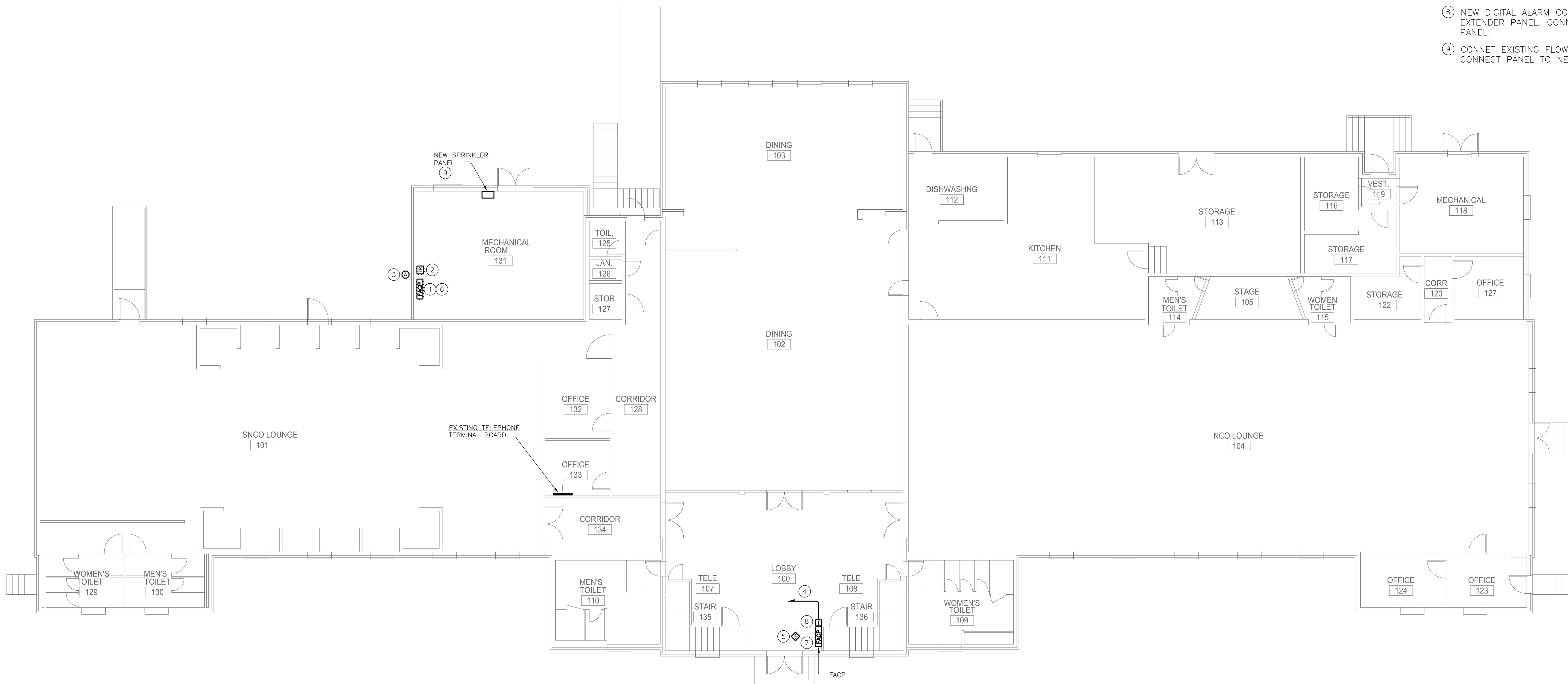
DATE: 7/30/2010	FINAL SUBMISSION	E1.42
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
IN CH .	APPROVED: FEO OR OICC DATE	
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006402
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SHEET 45 OF 102

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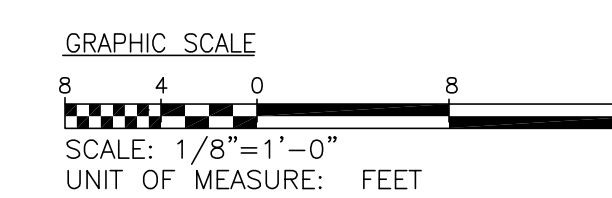
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING PYROTONIX CP400, 8 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V, POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ⑨ CONNET EXISTING FLOW AND TAMPER SWITCH TO PANEL. CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN

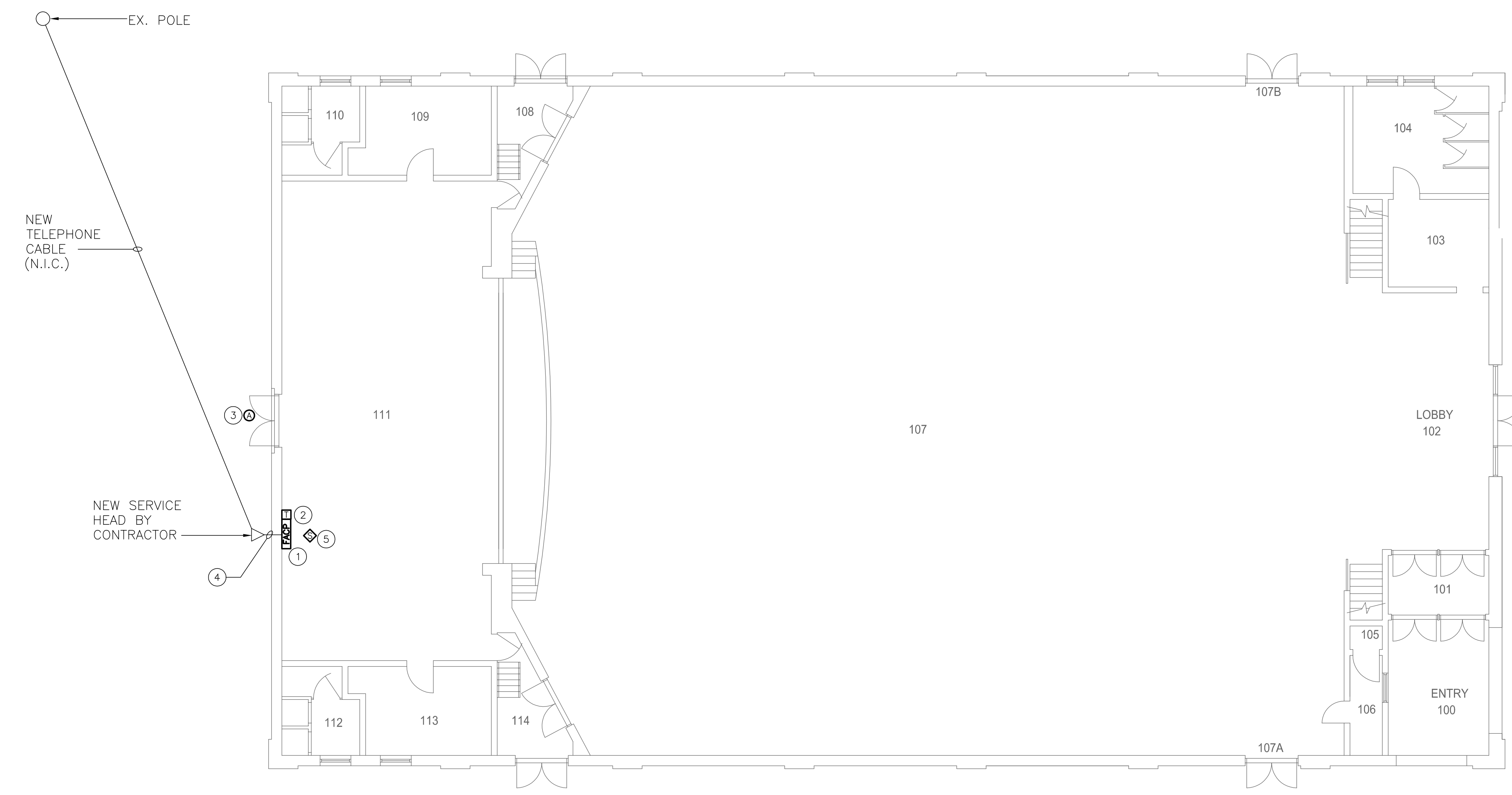


DATE: 7/30/2010	FINAL SUBMISSION	E1.43
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. 425 FIRST FLOOR FIRE ALARM SYSTEM	
SUPV JWM	IN CH .	NAVFAC DRAWING NO. 60006403
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO DATE	F .	SCALE NOTED SPEC 09-0093 SHEET 46 OF 102

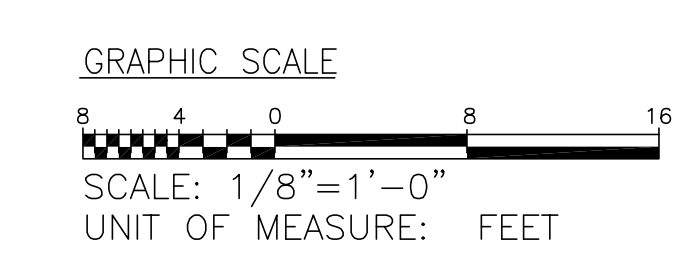
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

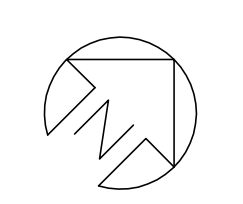
- DRAWING NOTES:**
- ① REMOVE EXISTING PYROTRONIX CP400, 4 ZONE FIRE ALARM CONTROL PANEL, EXISTING ALARM WIRING AND 120V. POWER TO REMAIN, REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER, REMOVE EXISTING WIRE AND CONDUIT, REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.44
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006404
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 47 OF 102

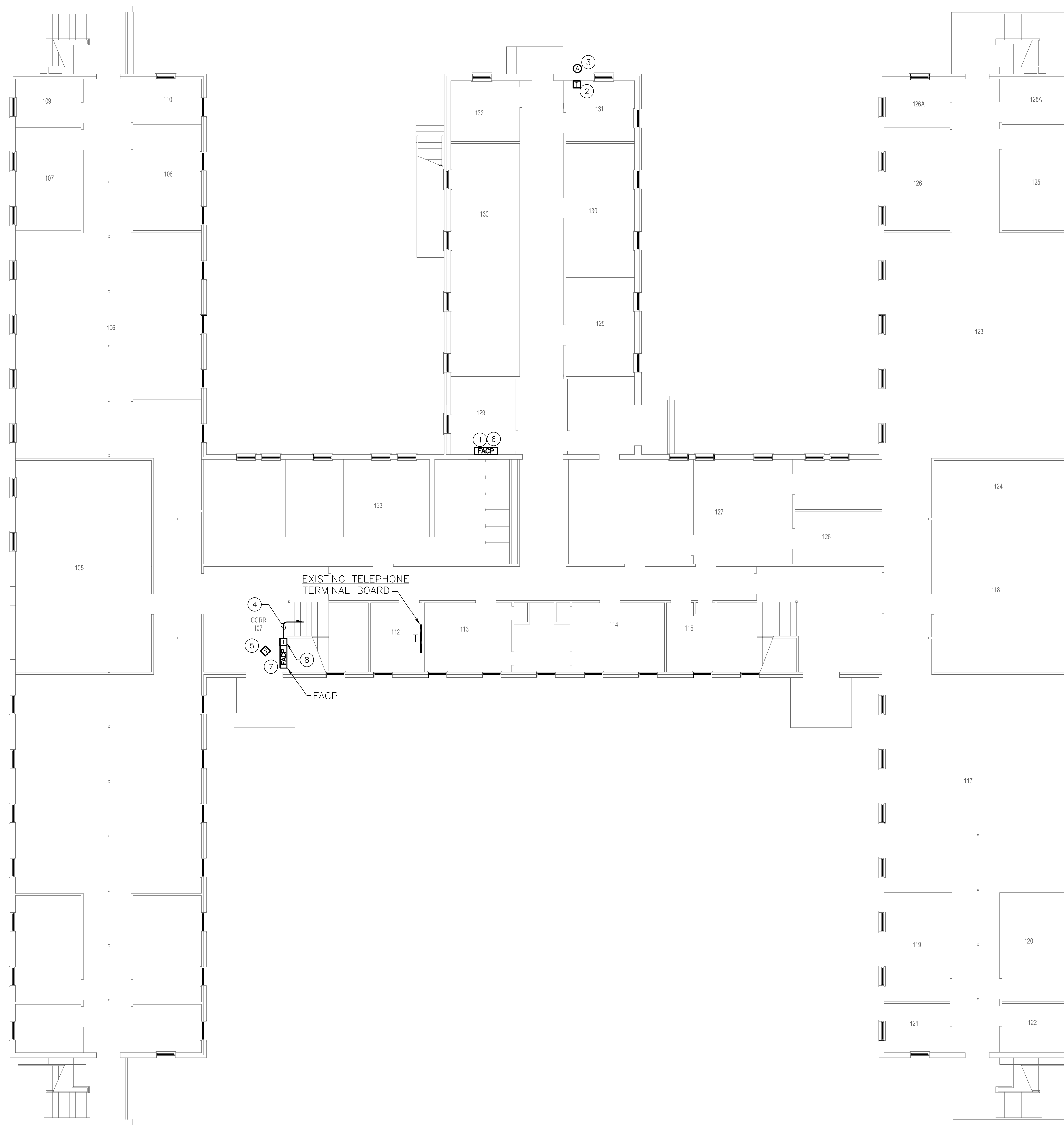


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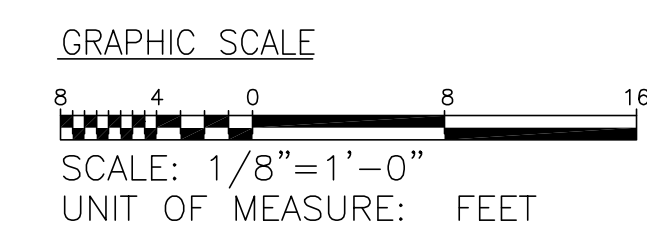
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

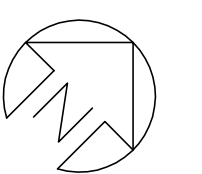
- DRAWING NOTES:
- ① REMOVE EXISTING PYROTRONIX CP400, 5 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.45
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006405
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 48 OF 102



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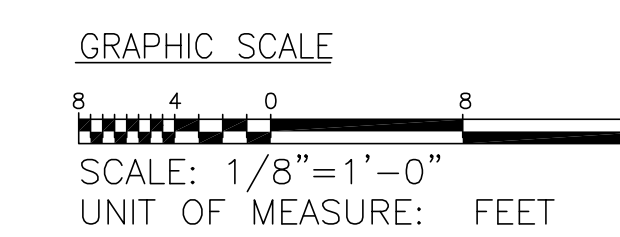
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING FCI, 10 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.

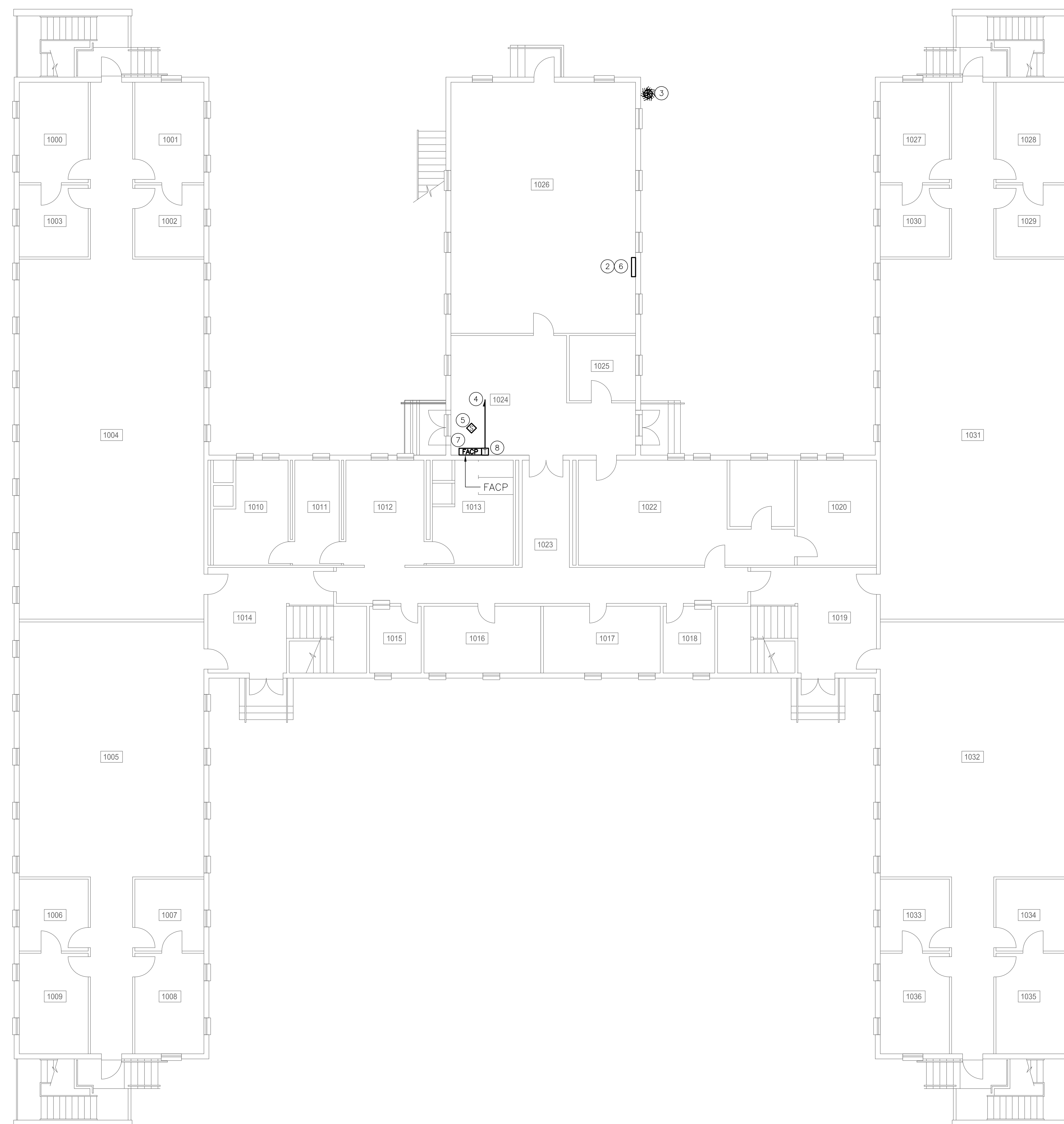


FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.46
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. 510 FIRST FLOOR FIRE ALARM SYSTEM	
CHK EJM	SIZE	CODE IDENT NO
SUPV JWM	F	NAVFAC DRAWING NO. 60006406
IN CH .	APPROVED: FEO OR OICC	DATE
SATISFACTORY TO	DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SHEET 49 OF 102

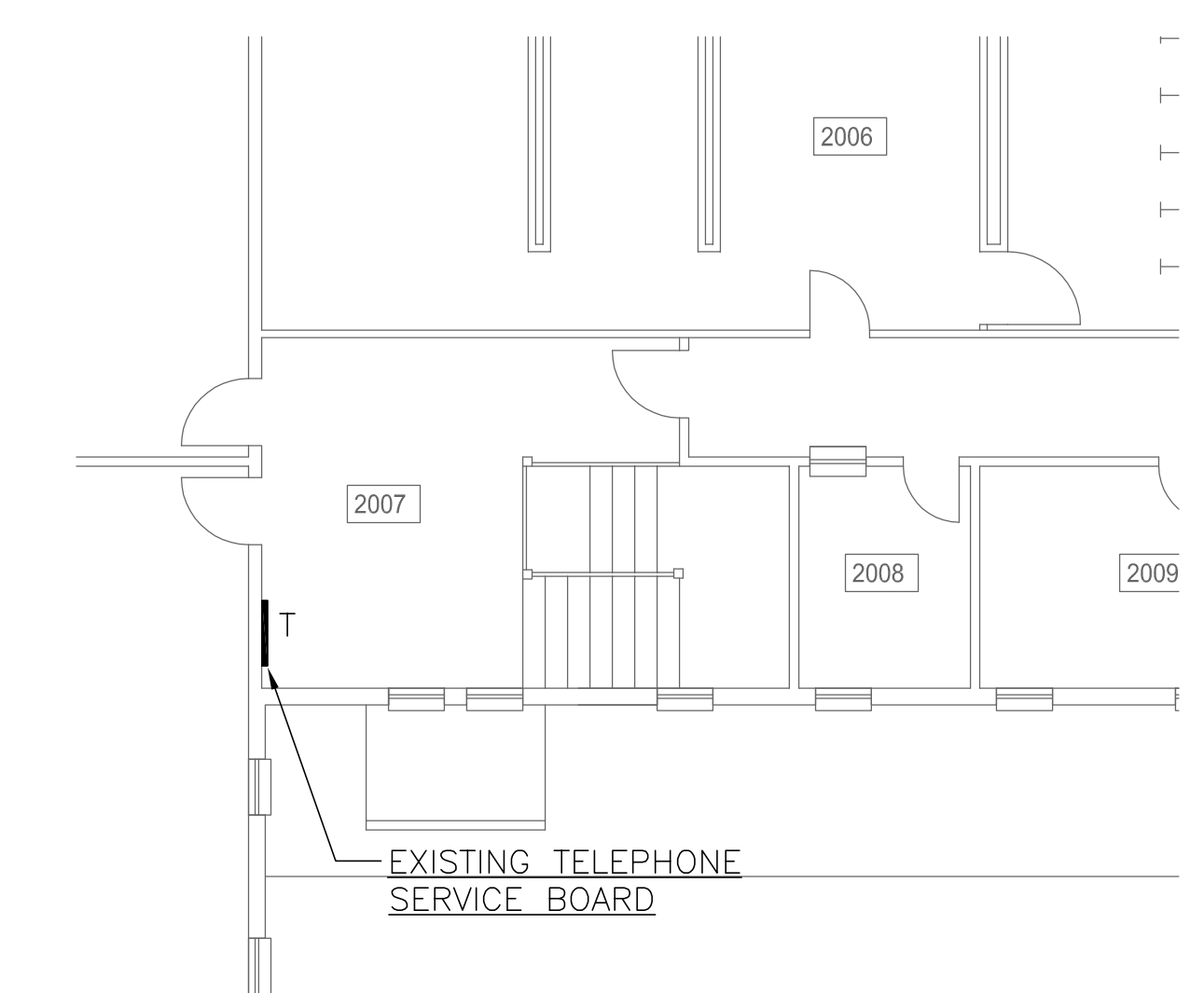
HV-PRO-1070266-A1-WREF



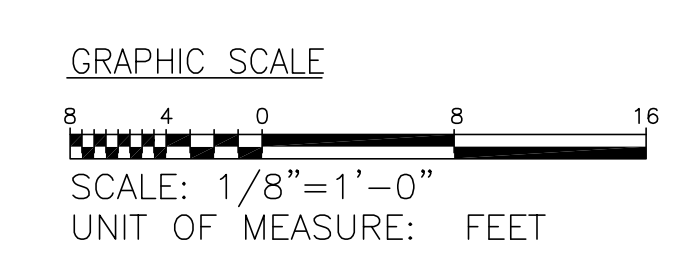
FIRST FLOOR PLAN


REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

- GENERAL NOTES:
- THIS BUILDING IS TYPICAL FOR BUILDINGS 523.
 - ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.
- DRAWING NOTES:
- REMOVE EXISTING NOTIFIER 4885, 14 ZONE FIRE ALARM CONTROL.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.

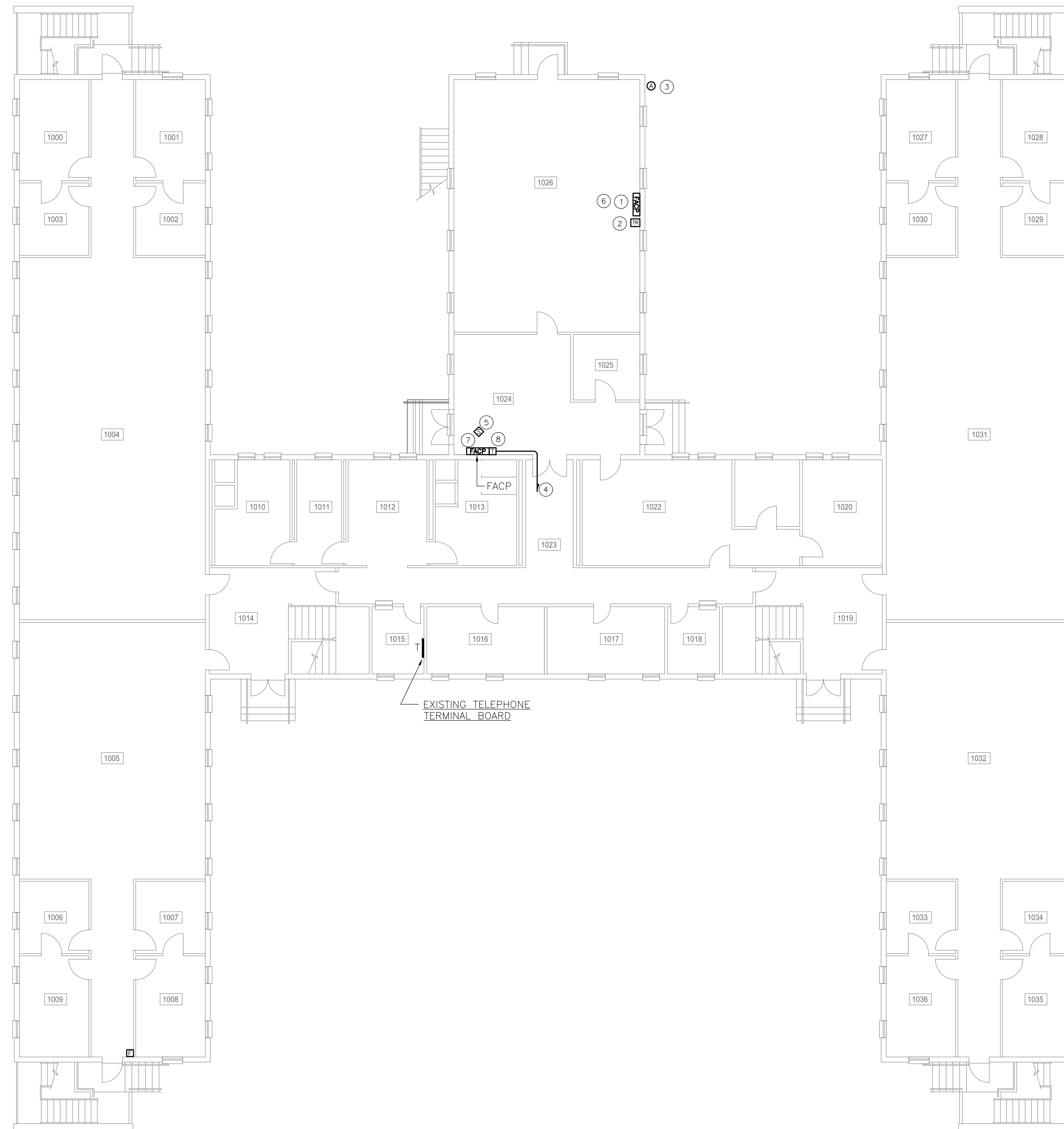


PART PLAN
SECOND FLOOR



DATE: 7/30/2010	FINAL SUBMISSION	E1.47
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006407
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 50 OF 102

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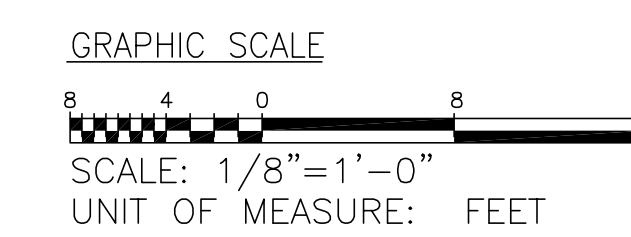



FIRST FLOOR PLAN

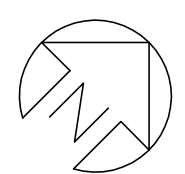
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING GAMEWELL 400, 7 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



DATE: 7/30/2010	FINAL SUBMISSION	E1.48
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
	DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
	CHK EJM	BUILDING NO. 519 FIRST FLOOR FIRE ALARM SYSTEM
	SUPV JWM	NAVFAC DRAWING NO. 60006408
	IN CH .	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	SHEET 51 OF 102
SATISFACTORY TO DATE	F .	SCALE NOTED SPEC 09-0093

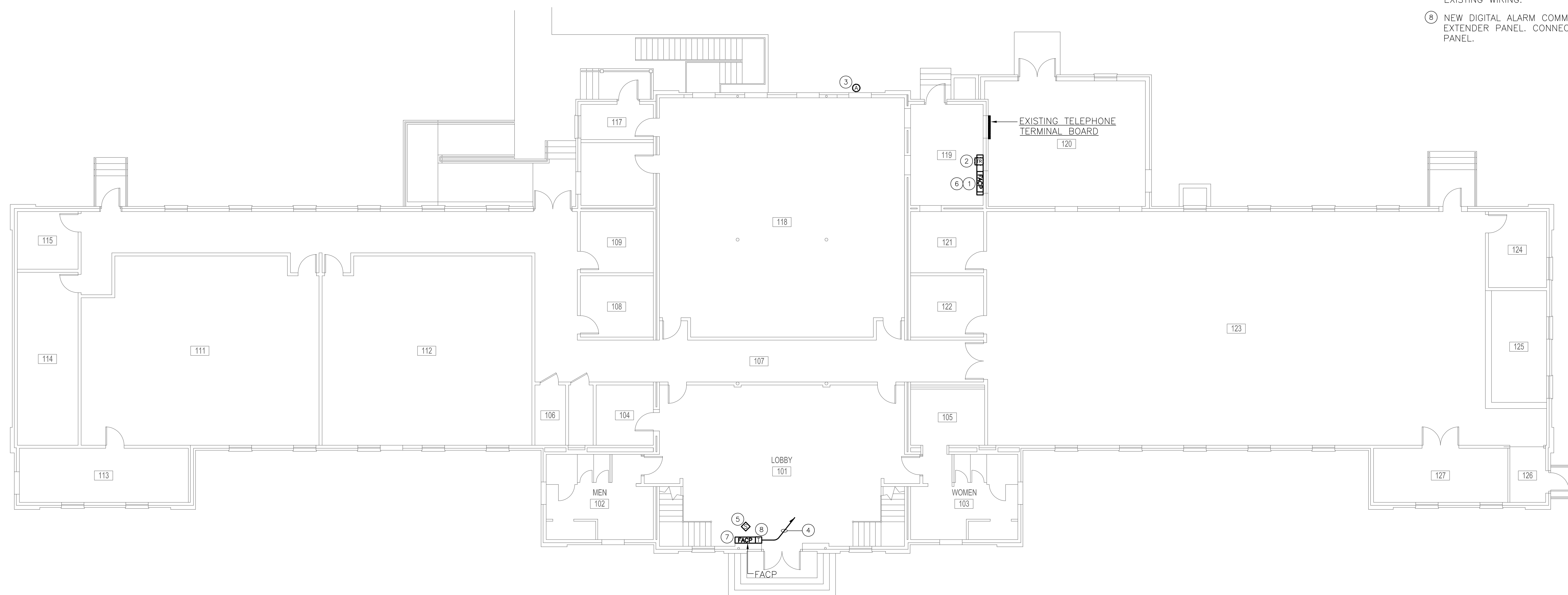


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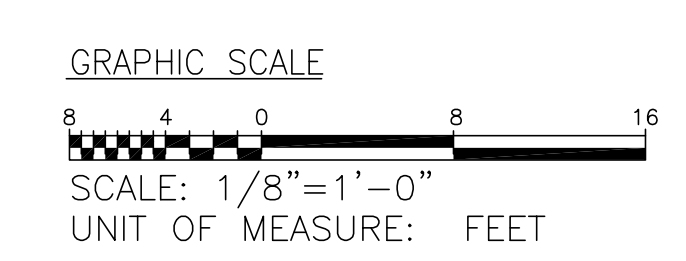
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4003, 2 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENTION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.49
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
CHK EJM	SUPV JWM	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
IN CH .	APPROVED: FEO OR OICC DATE	BUILDING NO. 524 FIRST FLOOR FIRE ALARM SYSTEM
SATISFACTORY TO	DATE	NAVFAC DRAWING NO. 60006409
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 52 OF 102

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FIRST FLOOR PLAN

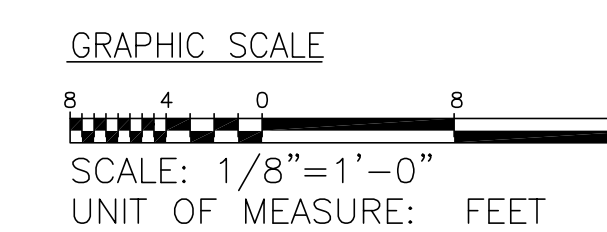
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SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:

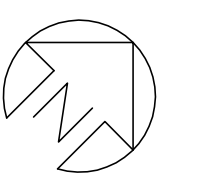
1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

DRAWING NOTES:

- 1 REMOVE EXISTING NOTIFIER 4885, 14 ZONE FIRE ALARM CONTROL PANEL.
- 2 REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
- 3 REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- 4 PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- 5 PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
- 6 PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
- 7 NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- 8 NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



DATE: 7/30/2010	FINAL SUBMISSION	E1.50
 FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. 527 FIRST FLOOR FIRE ALARM SYSTEM	
CHK EJM	SIZE	NAVFAC DRAWING NO. 60006410
SUPV JWM	APPROVED: FEO OR OICC DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
IN CH .	SATISFACTORY TO DATE	NAVFAC DRAWING NO. 60006410
		SCALE NOTED SPEC 09-0093 SHEET 53 OF 102

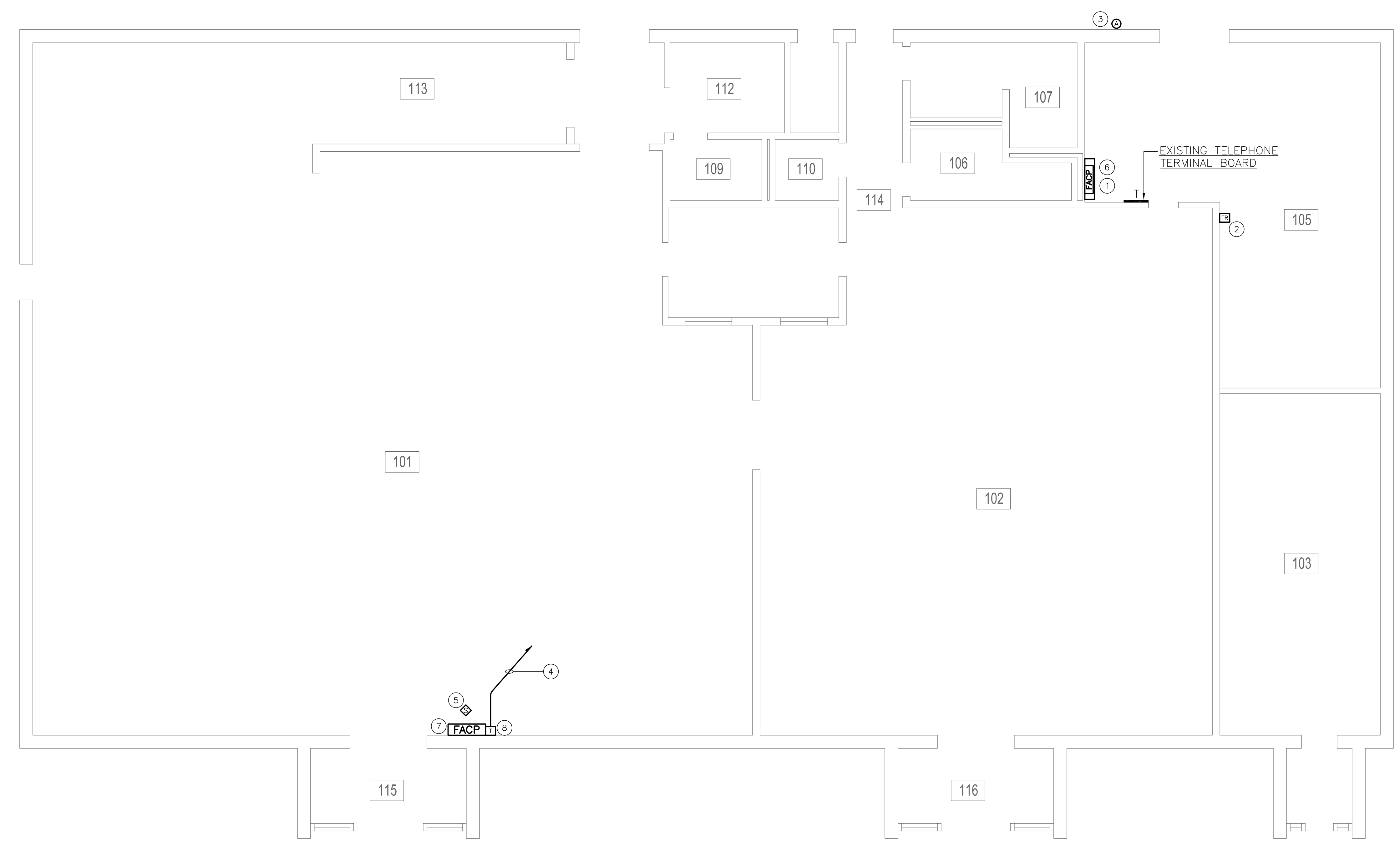


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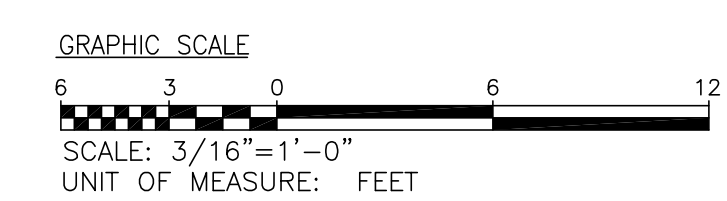
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

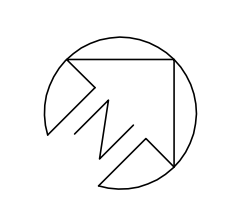
- DRAWING NOTES:
- ① REMOVE EXISTING FCI, 4 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1"Ø. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENTION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.51
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006411
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 54 OF 102

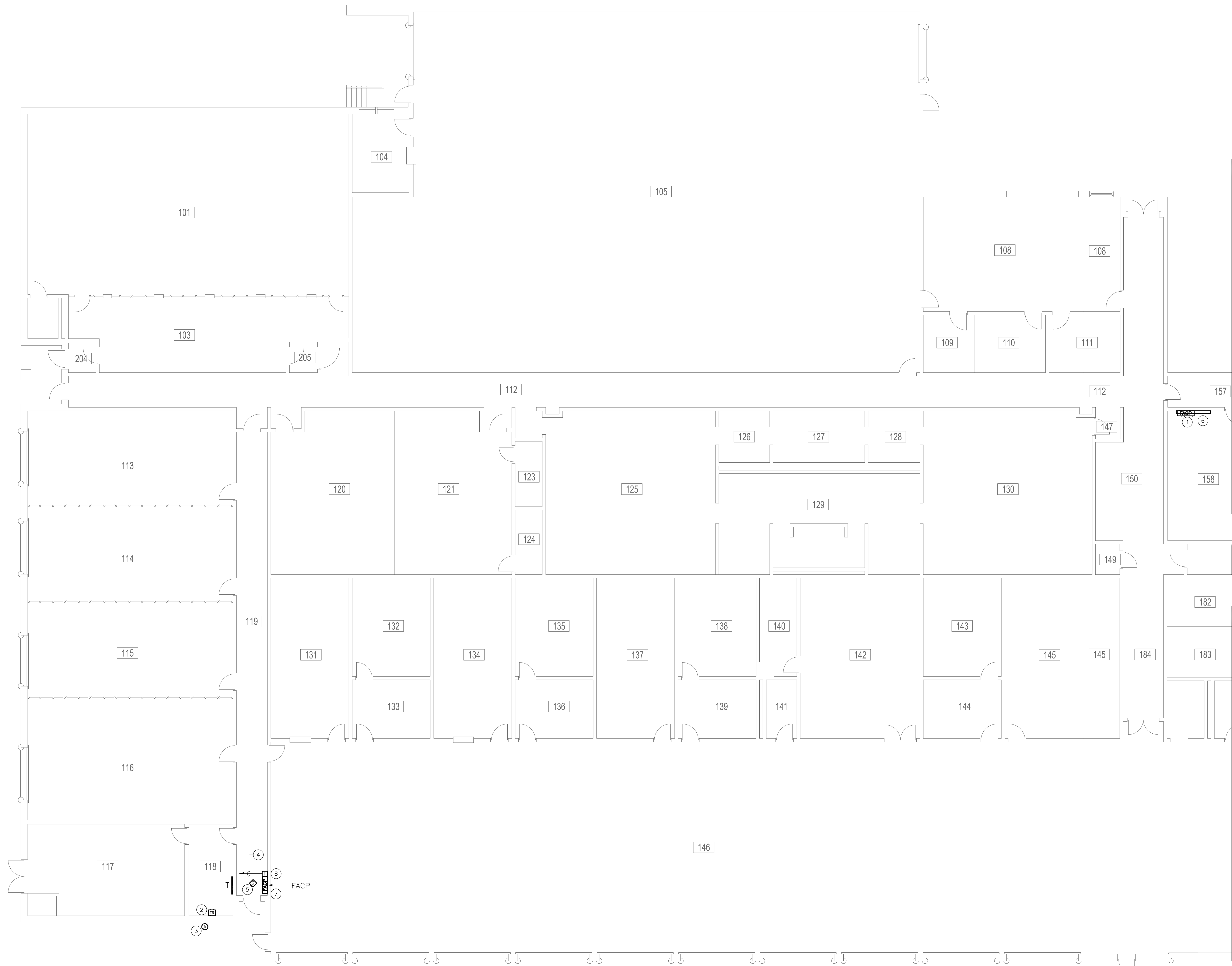


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REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

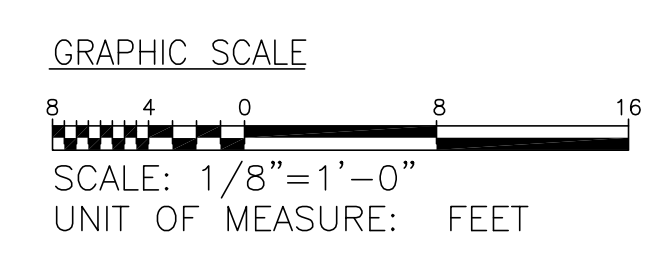
GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.

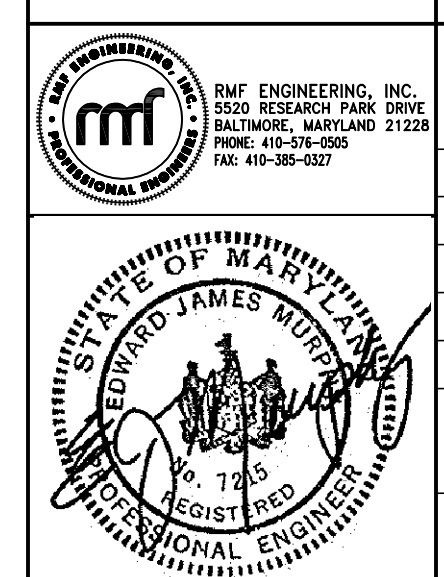


MATCHLINE SEE DRAWING E1.02 FOR CONTINUATION

FIRST FLOOR PLAN A



DATE: 7/30/2010	FINAL SUBMISSION	E1.52
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. 575 FIRE ALARM SYSTEM	
CHK EJM	SIZE	CODE IDENT NO
SUPV JWM	F	60006412
IN CH .	APPROVED: FEO OR OICC	DATE
SATISFACTORY TO	DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SHEET 55 OF 102

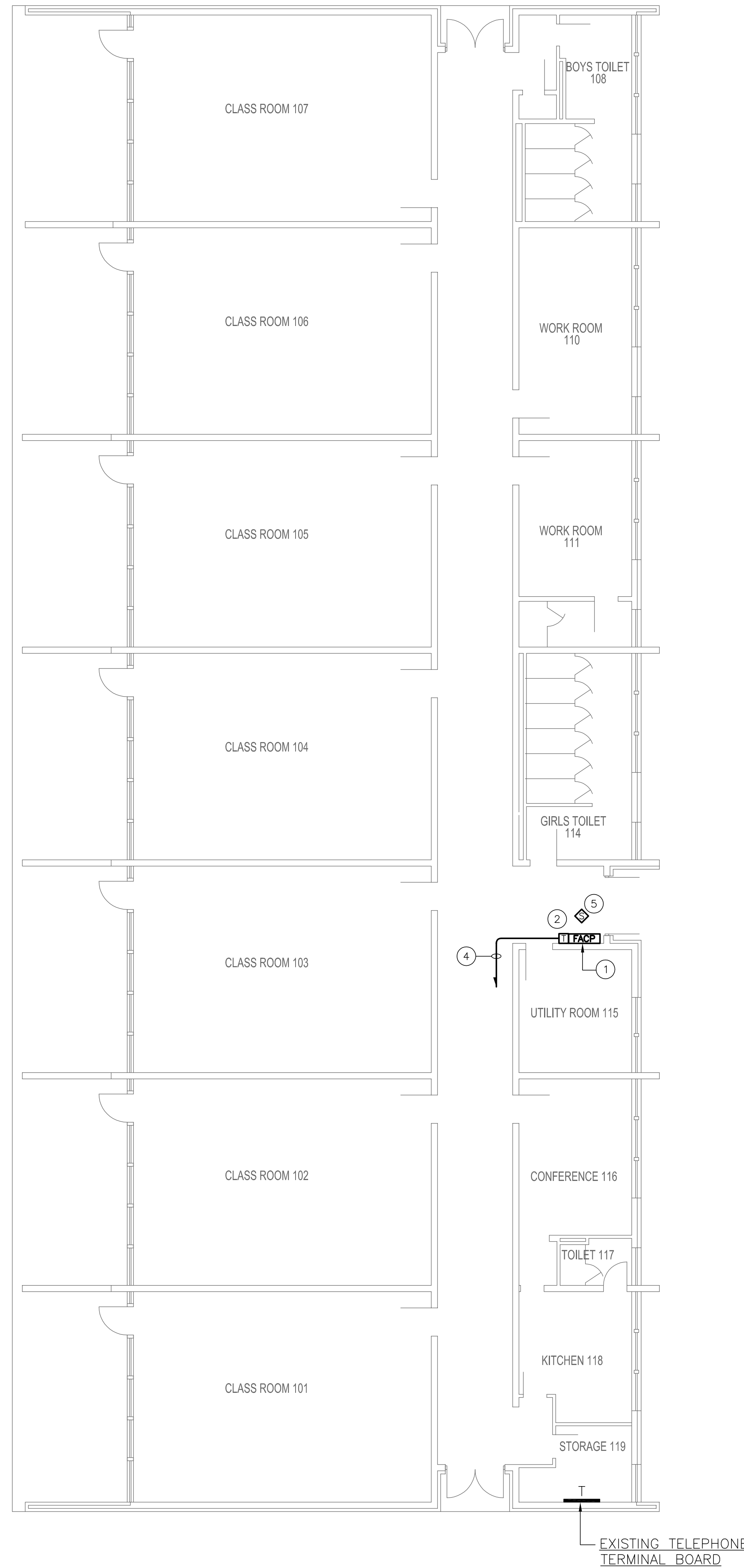


HV-PRO-1070266-A1-WREF

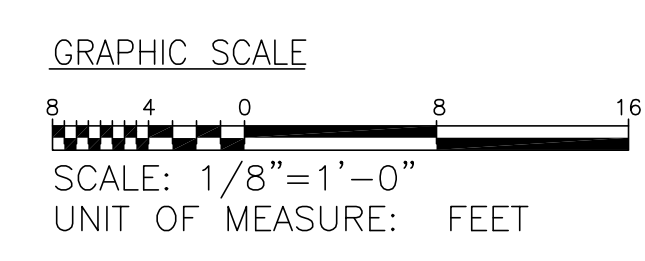
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

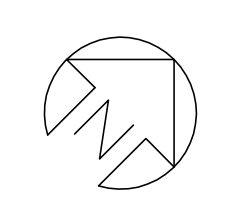
- DRAWING NOTES:
- REMOVE EXISTING PYROTRONIX 3, 6 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.54
M&E ENGINEERING, INC. 2200 W. WILSON ROAD, SUITE 100 WILSON, N.C. 27157 PHONE: 919-338-3300 FAX: 919-338-3307	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS DR MCW CHK EJM SUPV JWM IN CH .	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
APPROVED: FEO OR OICC DATE	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
SATISFACTORY TO DATE	BUILDING NO. 798 FIRST FLOOR FIRE ALARM SYSTEM	
	SIZE F	NAVFAC DRAWING NO. 60006414
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
	SCALE NOTED	SPEC 09-0093 SHEET 57 OF 102



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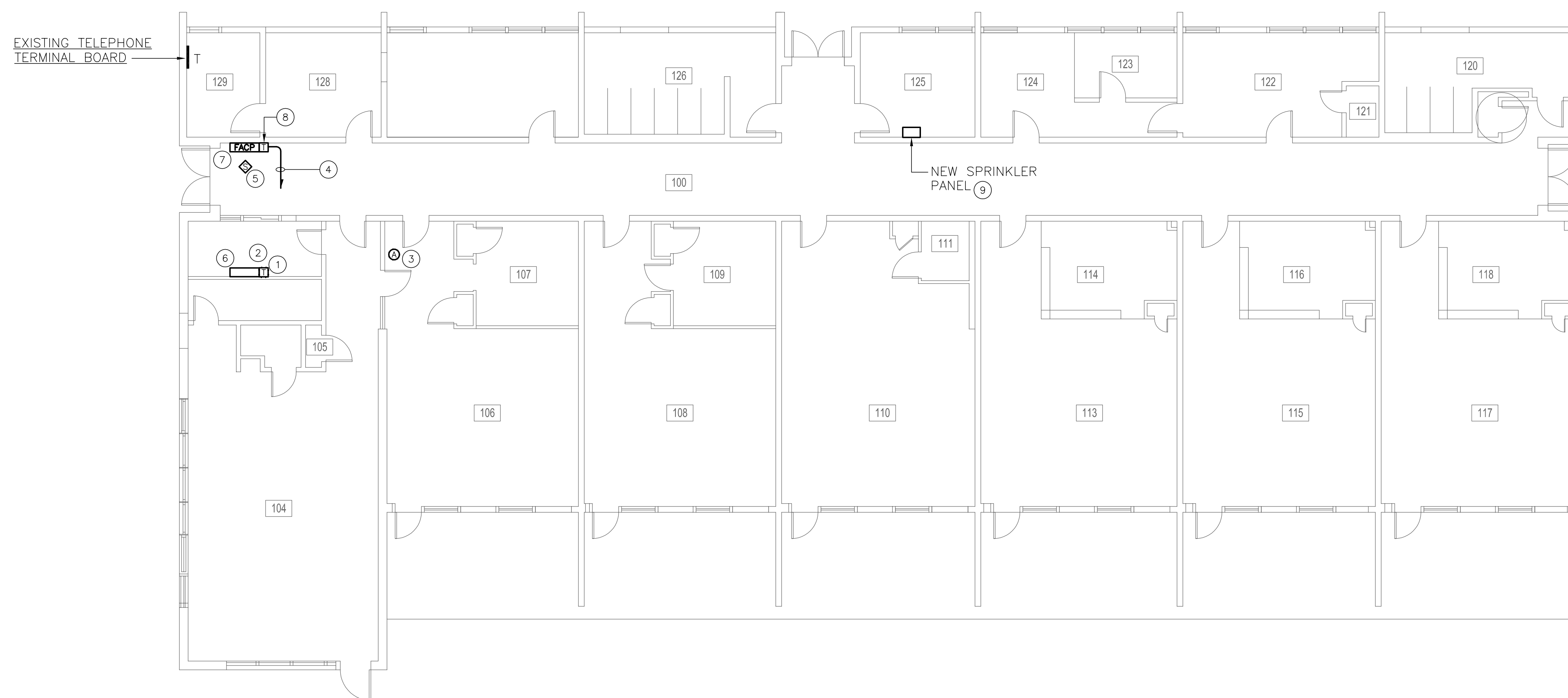
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:

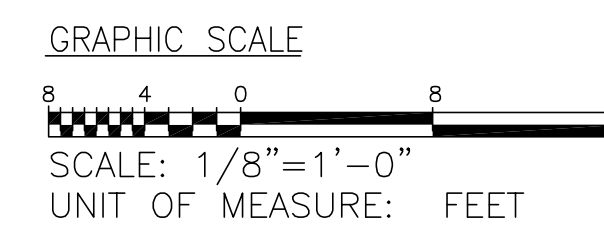
1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

DRAWING NOTES:

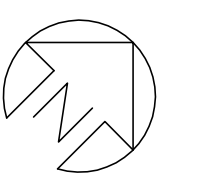
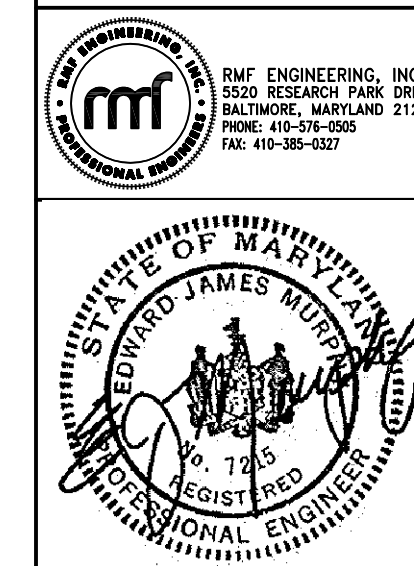
- ① REMOVE EXISTING PYROTRONIX, 8 ZONE FIRE ALARM CONTROL PANEL.
- ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
- ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
- ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
- ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
- ⑨ CONNECT TWO TAMPER AND ONE FLOW SWITCH TO PANEL. CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.55
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. 799 FIRST FLOOR FIRE ALARM SYSTEM	
SUPV JWM	SIZE	CODE IDENT NO
IN CH .	F	60006415
APPROVED: FEO OR OICC DATE	NAVFAC DRAWING NO.	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO DATE	09-0093	SHEET 58 OF 102



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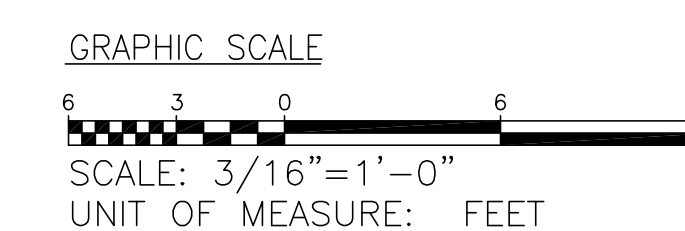
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

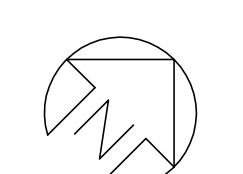
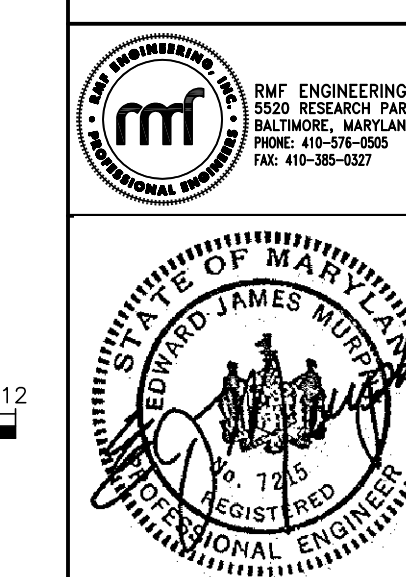
- DRAWING NOTES:
- ① REMOVE EXISTING NOTIFIER, 5 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ⑨ CONNECT TWO TAMPER AND ONE FLOW EXISTING SWITCHES TO PANEL. CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.56
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. 842 FIRST FLOOR FIRE ALARM SYSTEM	
SUPV JWM	IN CH .	NAVFAC DRAWING NO. 60006416
APPROVED: FEO OR OICC DATE	SIZE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO DATE	F	09-0093
	SCALE NOTED SPEC	SHEET 59 OF 102

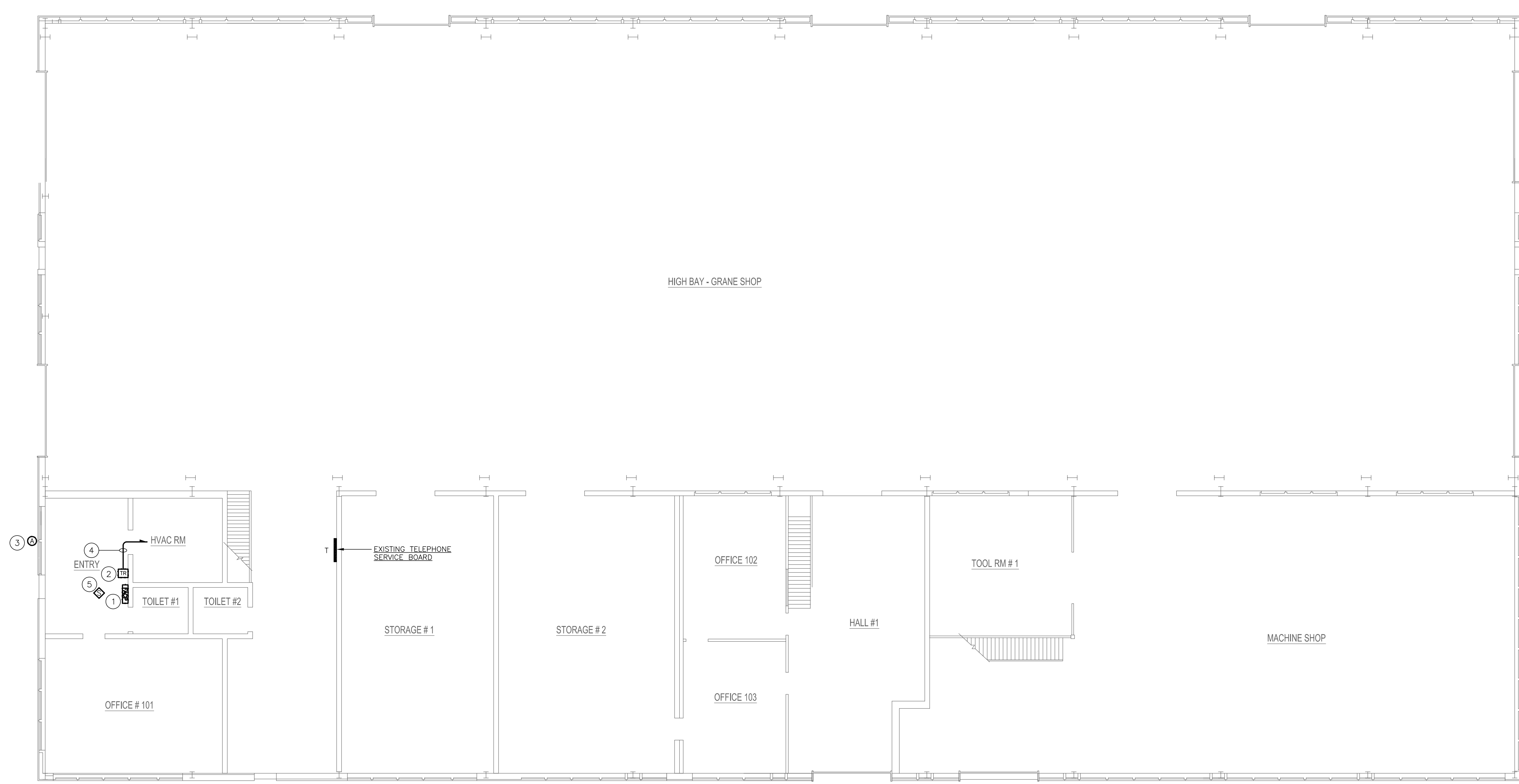


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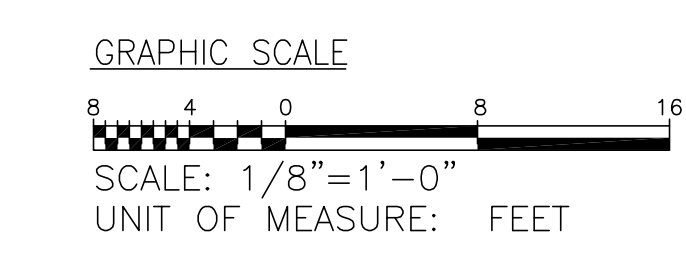
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

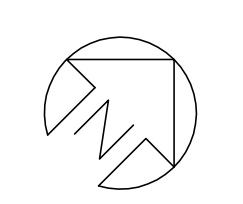
- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4005, 3 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER, REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.57
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
		MARINE CORPS BASE, CAMP LEJEUNE, N.C.
	DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
	DR MCW	BUILDING NO. 901 FIRST FLOOR FIRE ALARM SYSTEM
	CHK EJM	
	SUPV JWM	
	IN CH .	
	APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO NAVFAC DRAWING NO.
		F . 60006417
	SATISFACTORY TO DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 60 OF 102



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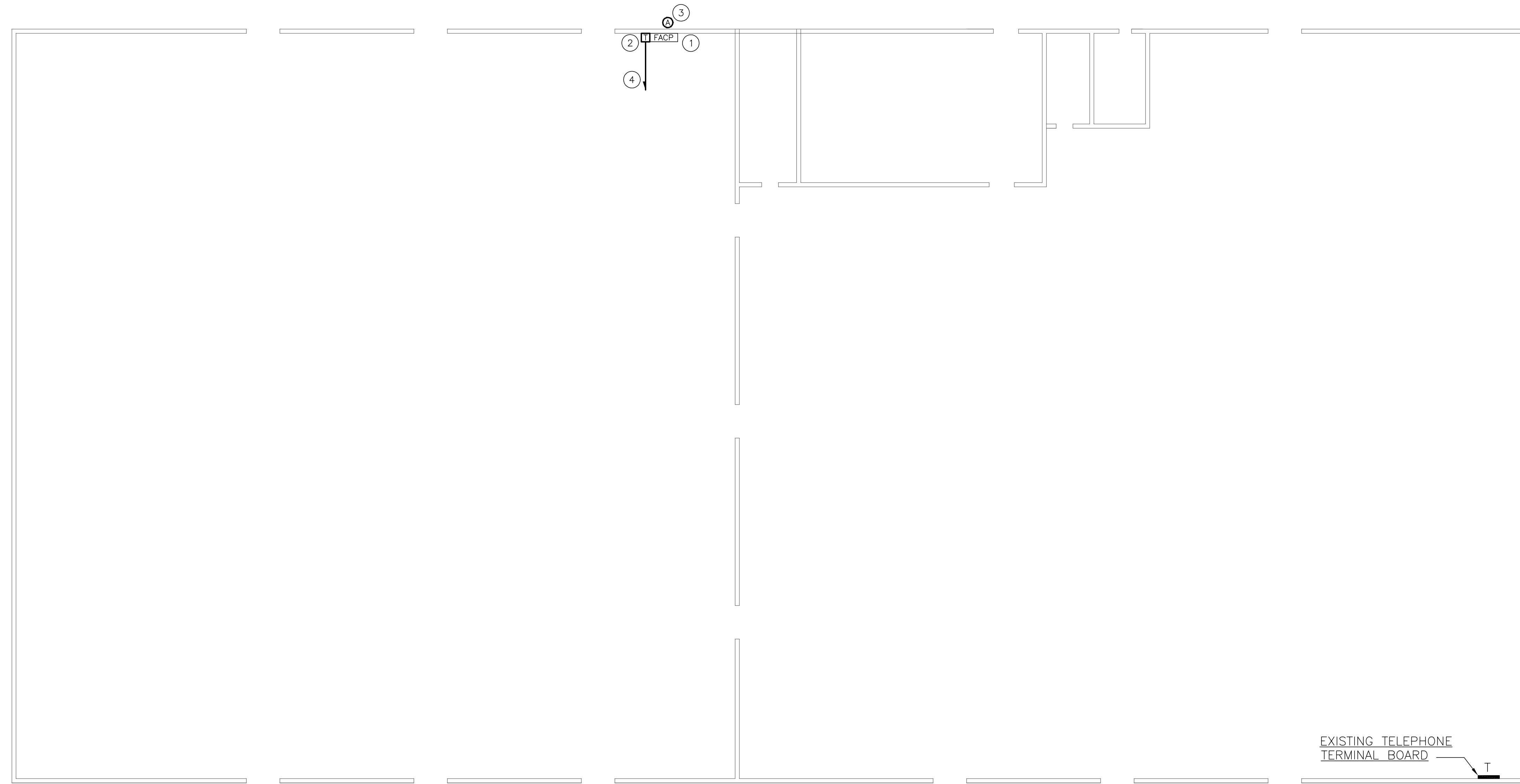
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SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:

1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

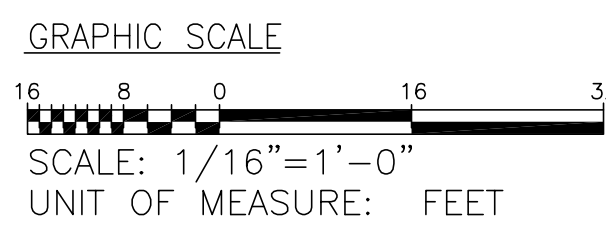
DRAWING NOTES:


- ① EXISTING FIRE ALARM CONTROL PANEL TO REMAIN.
- ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
- ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.

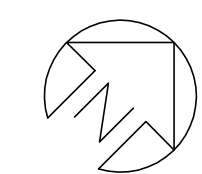


FLOOR PLAN

EXISTING TELEPHONE
TERMINAL BOARD T



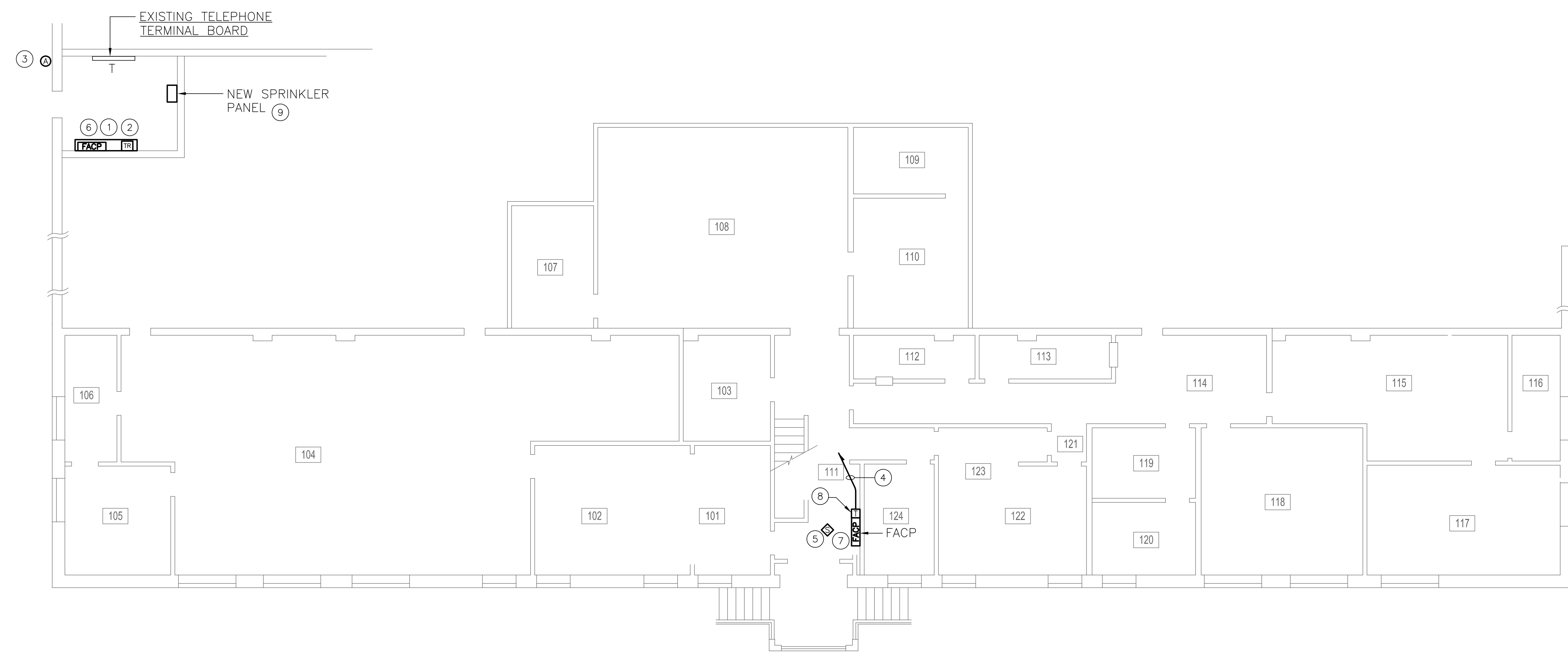
DATE: 7/30/2010	FINAL SUBMISSION	E1.58
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
CHK EJM	SUPV JWM	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
IN CH .	APPROVED: FEO OR OICC DATE	BUILDING NO. 903 FIRE ALARM SYSTEM
SATISFACTORY TO	DATE	SIZE CODE IDENT NO F . NAVFAC DRAWING NO. 60006418
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093 SCALE NOTED SPEC 09-0093 SHEET 61 OF 102



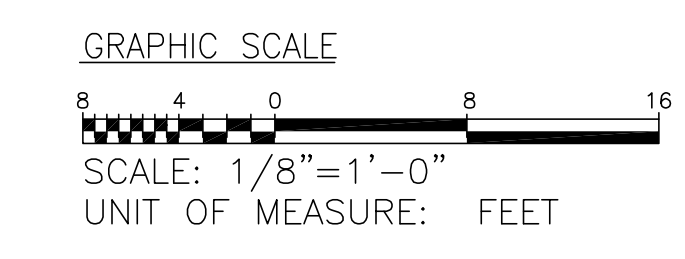
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


- GENERAL NOTES:
- THIS BUILDING IS TYPICAL FOR BUILDINGS 914.
 - ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

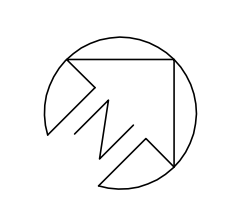
- DRAWING NOTES:
- REMOVE EXISTING FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1"Ø. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - CONNECT TWO EXISTING FLOW AND TWO TAMPER SWITCHES TO PANEL. CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.59
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006419
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 62 OF 102

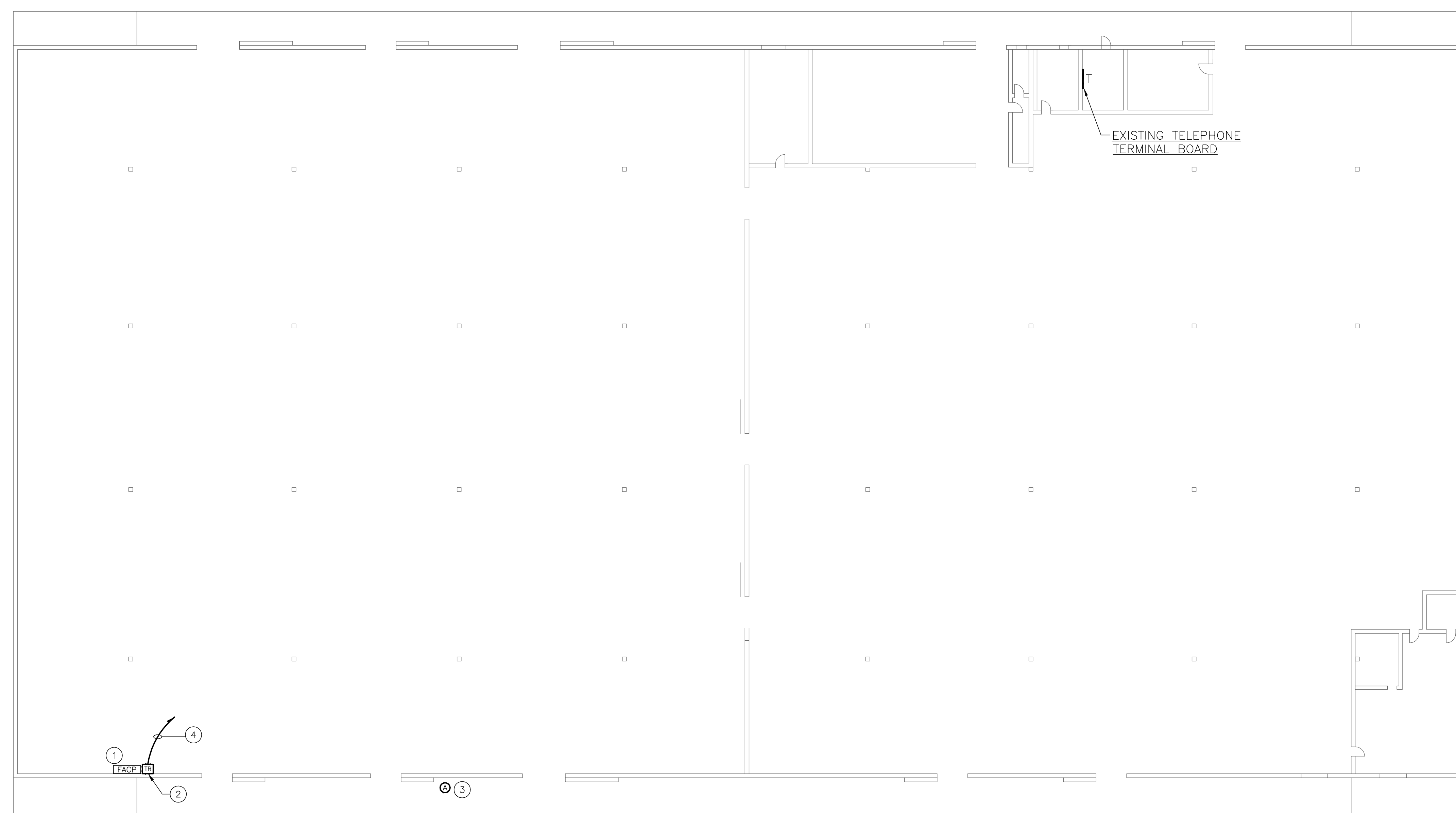


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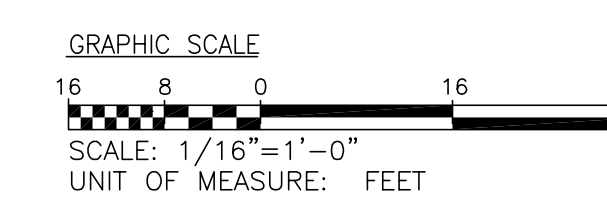
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① EXISTING NOTIFIER 200, FIRE ALARM CONTROL PANEL TO REMAIN.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.60
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006420
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 63 OF 102



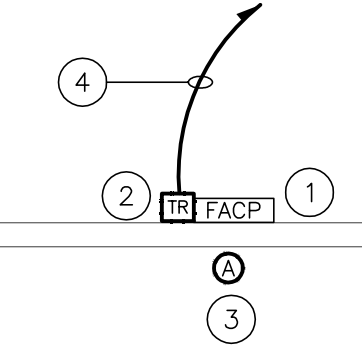
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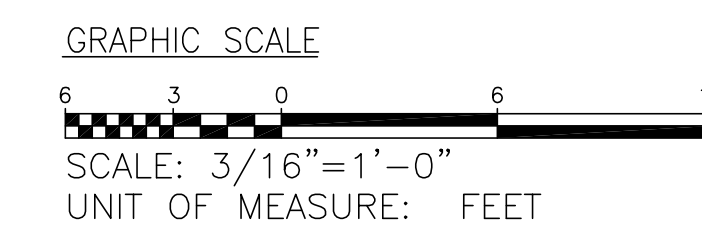
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

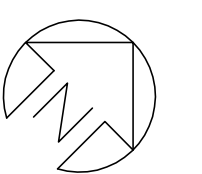
- DRAWING NOTES:
- ① EXISTING FIRE ALARM CONTROL PANEL TO REMAIN.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1"Ø WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.61
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
CHK EJM	SUPV JWM	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
IN CH .	APPROVED: FEO OR OICC DATE	BUILDING NO. 907 FIRST FLOOR FIRE ALARM SYSTEM
	SATISFACTORY TO DATE	NAVFAC DRAWING NO. 60006421
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 64 OF 102



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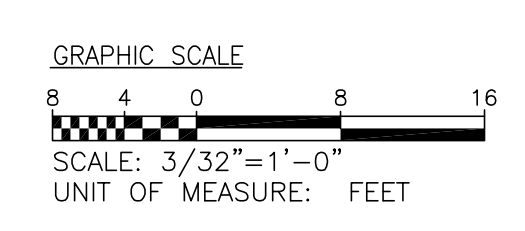
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4001, 6 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ NOT USED.
 - ⑦ NOT USED.
 - ⑧ NOT USED.
 - ⑨ CONNECT TWO TAMPER AND TWO FLOW SWITCHES TO PANEL, CONNECT PANEL TO NEW FACP.



GROUND FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.62
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006422
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 65 OF 102

H:\PROJ\070266\A\XREF

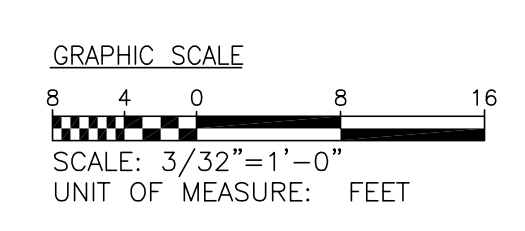
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING ADT, 8 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER, REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.63
 M&E ENGINEERING, INC. 2200 W. MARKET STREET WILMINGTON, N.C. 28403 PHONE: 910-338-0000 FAX: 910-338-0007	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION MARINE CORPS BASE, CAMP LEJEUNE, N.C.
DES CAS DR MCW CHK EJM SUPV JWM IN CH .	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
APPROVED: FEO OR OICC DATE	SIZE F	NAVFAC DRAWING NO. 60006423
SATISFACTORY TO DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093	SHEET 66 OF 102
	SCALE NOTED SPEC 09-0093	

H:\PROJ\070266\A\XREF

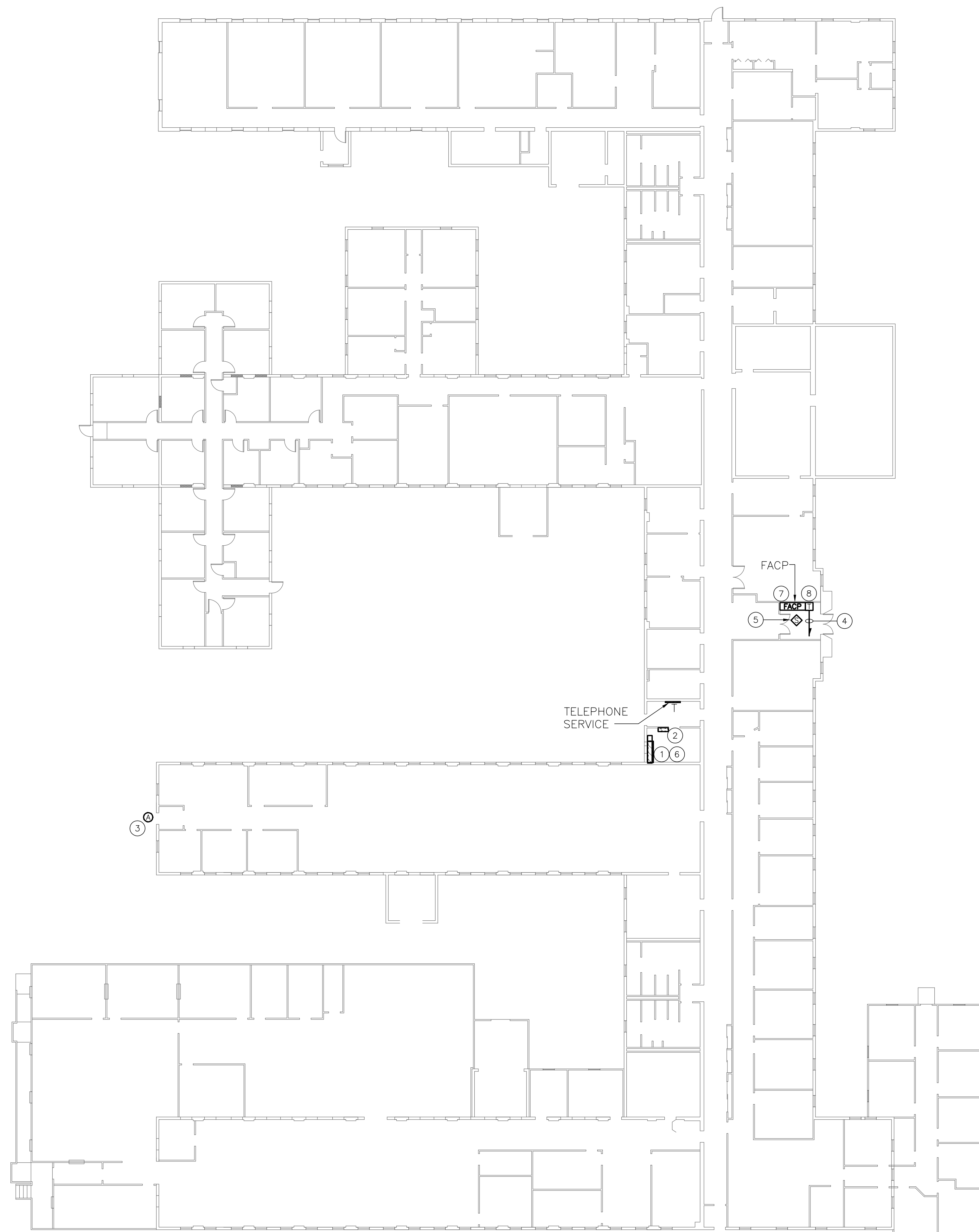
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:

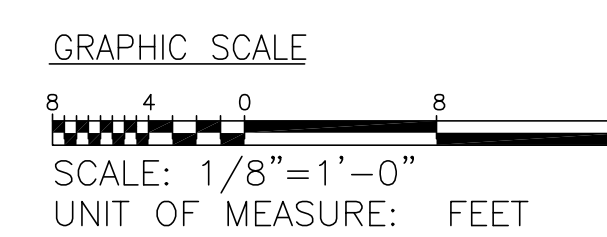
- ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.


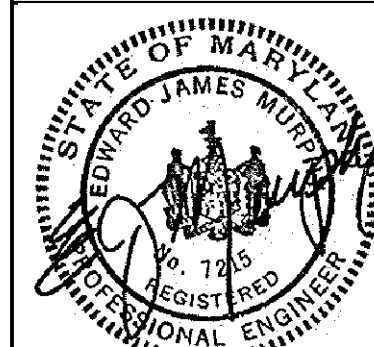
DRAWING NOTES:

- REMOVE EXISTING SIMPLEX 4005 FIRE ALARM CONTROL PANEL.
- REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
- REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
- PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
- NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



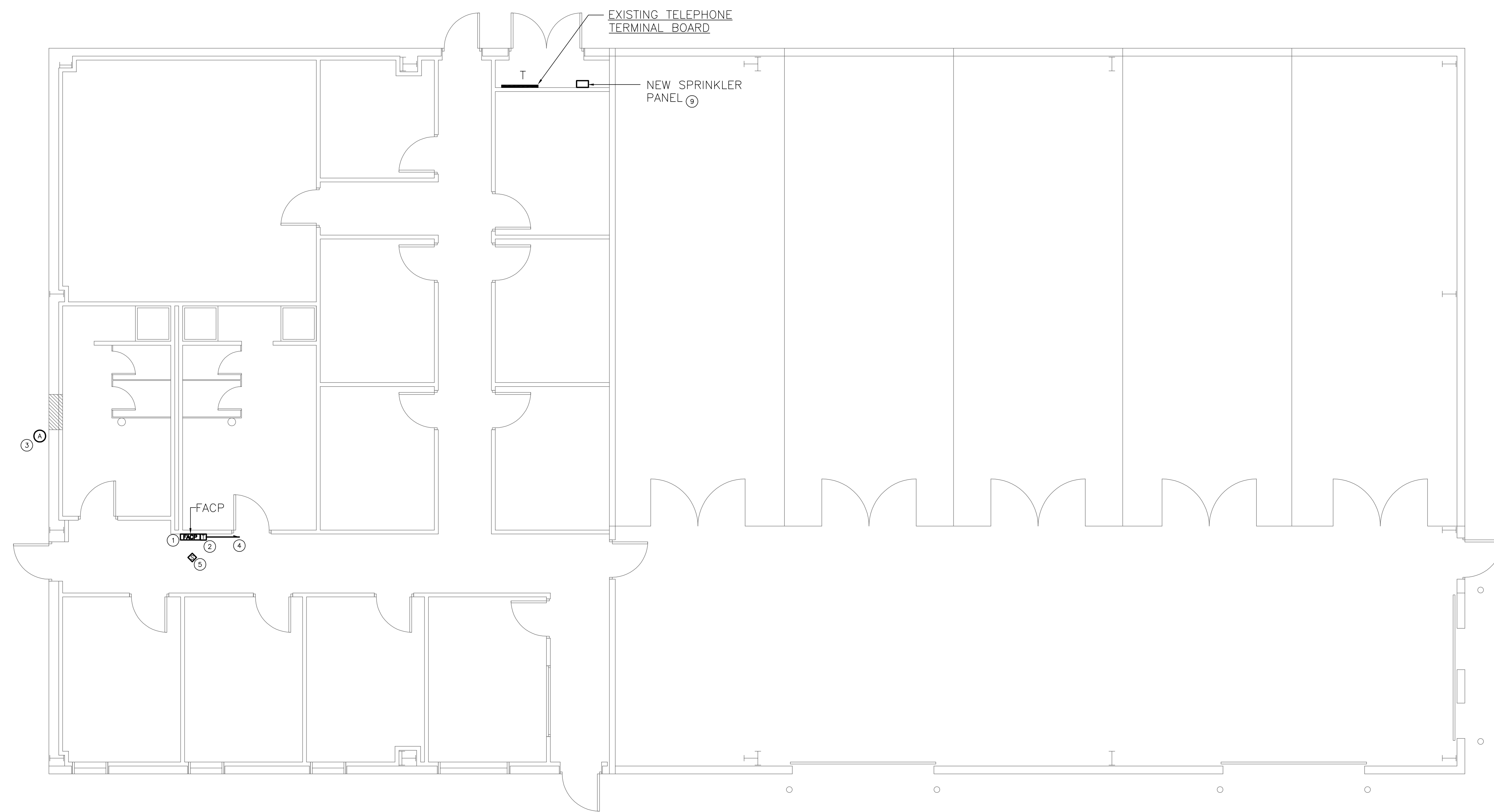
DATE: 7/30/2010	FINAL SUBMISSION	E1.64
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS DR MCW CHK EJM SUPV JWM IN CH . APPROVED: FEO OR OICC DATE SATISFACTORY TO DATE	MARINE CORPS BASE, CAMP LEJEUNE, N.C. UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS BUILDING NO. 1005 FIRST FLOOR FIRE ALARM SYSTEM NAVFAC DRAWING NO. 60006424 CONSTRUCTION CONTRACT NO. N40085-09-B-0093 SHEET 67 OF 102
	SIZE CODE IDENT NO F .	SCALE NOTED SPEC 09-0093

H:\PROJ\070266\A\XREF

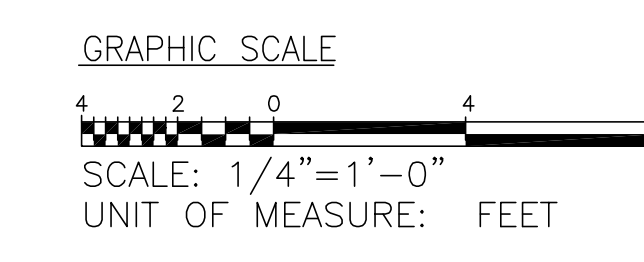
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

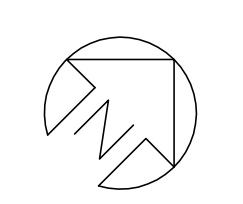
- DRAWING NOTES:
- ① REMOVE EXISTING NOTIFIER, 9 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ NOT USED.
 - ⑦ NOT USED.
 - ⑧ NOT USED.
 - ⑨ CONNECT EXISTING FLOW, AIR AND TAMPER SWITCHES TO PANEL. CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.65
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006425
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 68 OF 102



HV-PRO-1070266-A1-VXREF

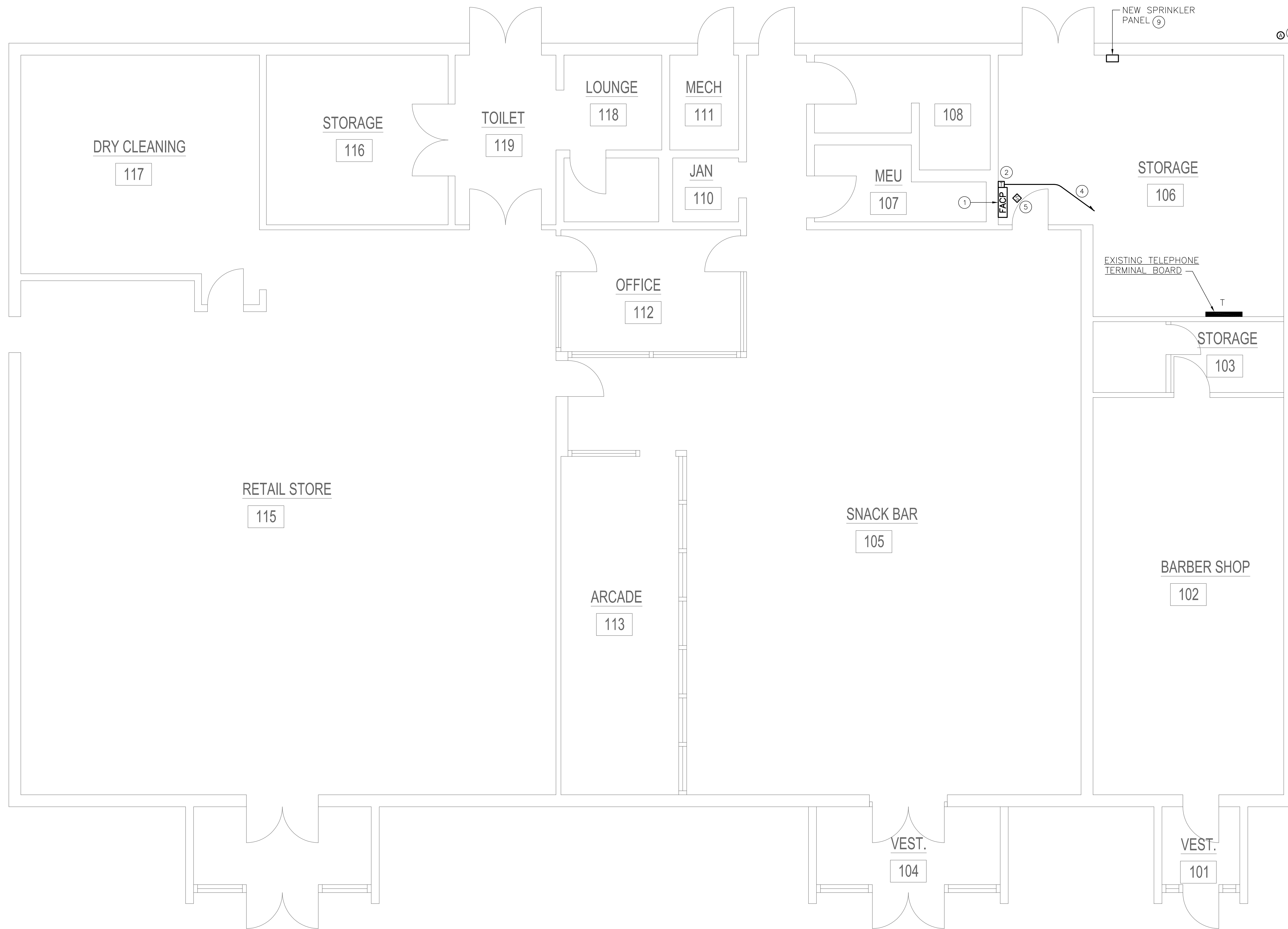
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:

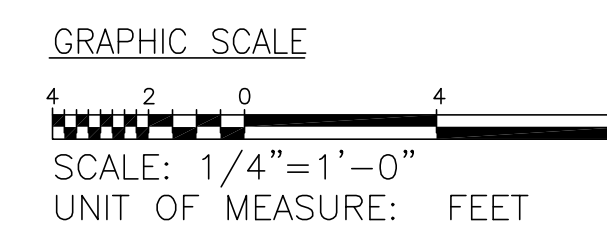
- ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

DRAWING NOTES:

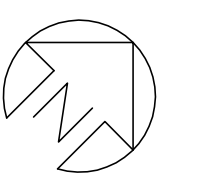
- REMOVE EXISTING SIMPLEX, 5 ZONE FIRE ALARM CONTROL PANEL. EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
- REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
- NOT USED.
- NOT USED.
- NOT USED.
- CONNECT TWO TAMPER AND ONE FLOW SWITCH TO PANEL. CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.66
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. 1057 FIRST FLOOR FIRE ALARM SYSTEM	
SUPV JWM	SIZE	NAVFAC DRAWING NO.
IN CH .	F	60006426
APPROVED: FEO OR OICC DATE	SCALE NOTED	SPEC
SATISFACTORY TO DATE	09-0093	09-0093
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093 SHEET 69 OF 102



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REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:

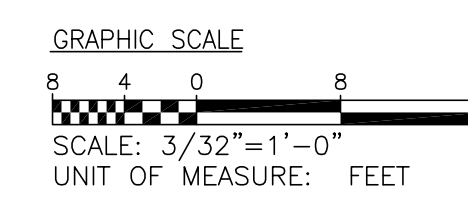
1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

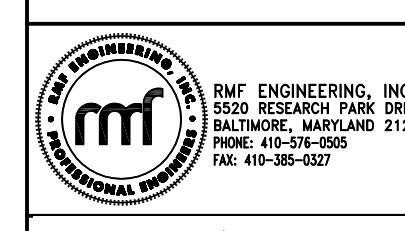
DRAWING NOTES:

- ① EXISTING SIMPLEX 4008 FIRE ALARM CONTROL PANEL.
- ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
- ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.67
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006427
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 70 OF 102

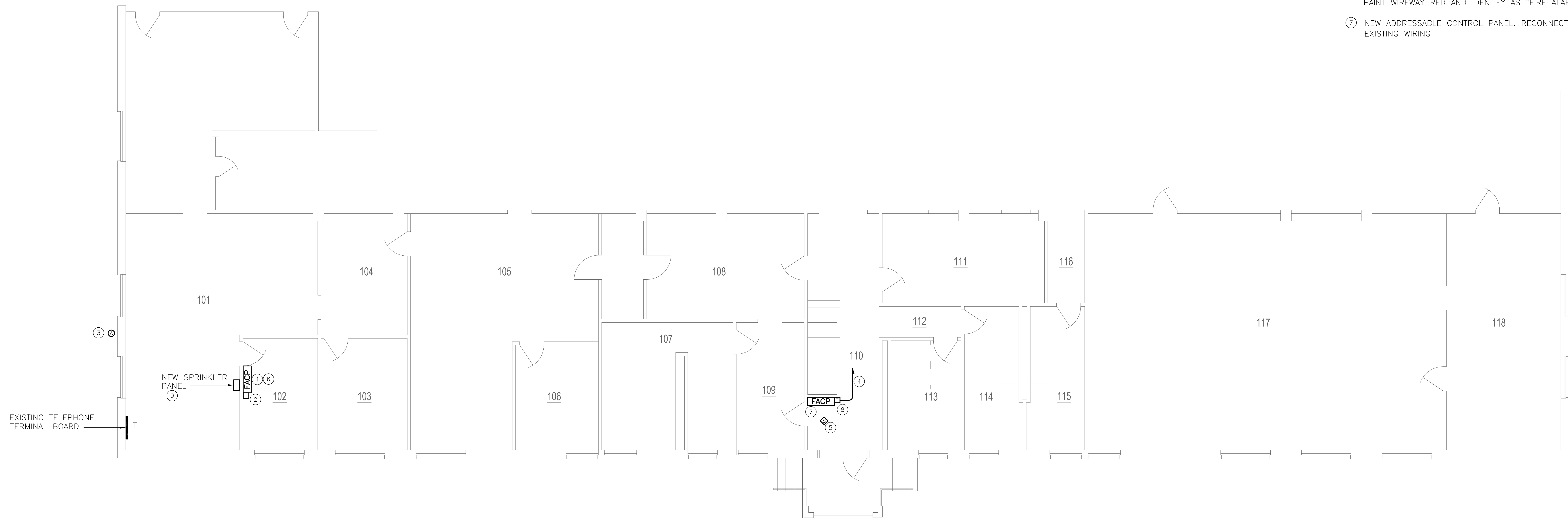
GENERAL NOTES:

1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

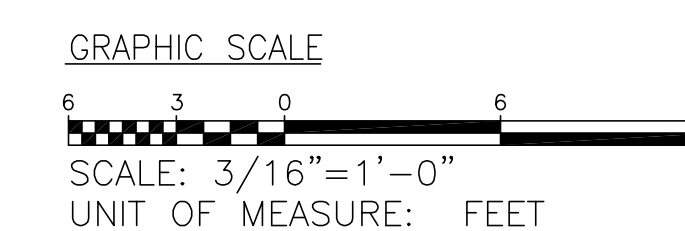
DRAWING NOTES:

- 1 REMOVE EXISTING SIMPLEX 4002 FIRE ALARM CONTROL PANEL.
- 2 REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
- 3 REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- 4 PROVIDE 1" C WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- 5 PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
- 6 PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
- 7 NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.

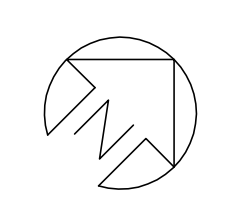
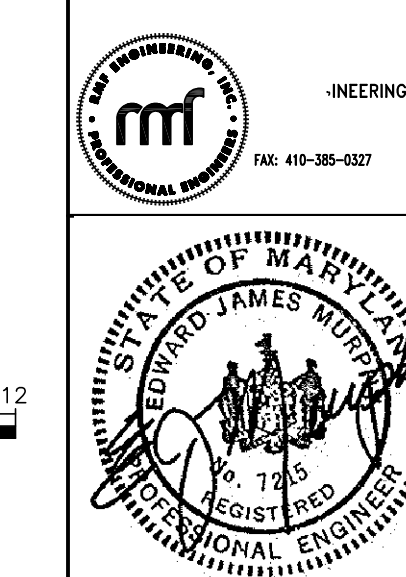
- 8 NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
- 9 CONNECT TWO TAMPER AND ONE FLOW SWITCH TO PANEL. CONNECT PANEL TO NEW FACP.

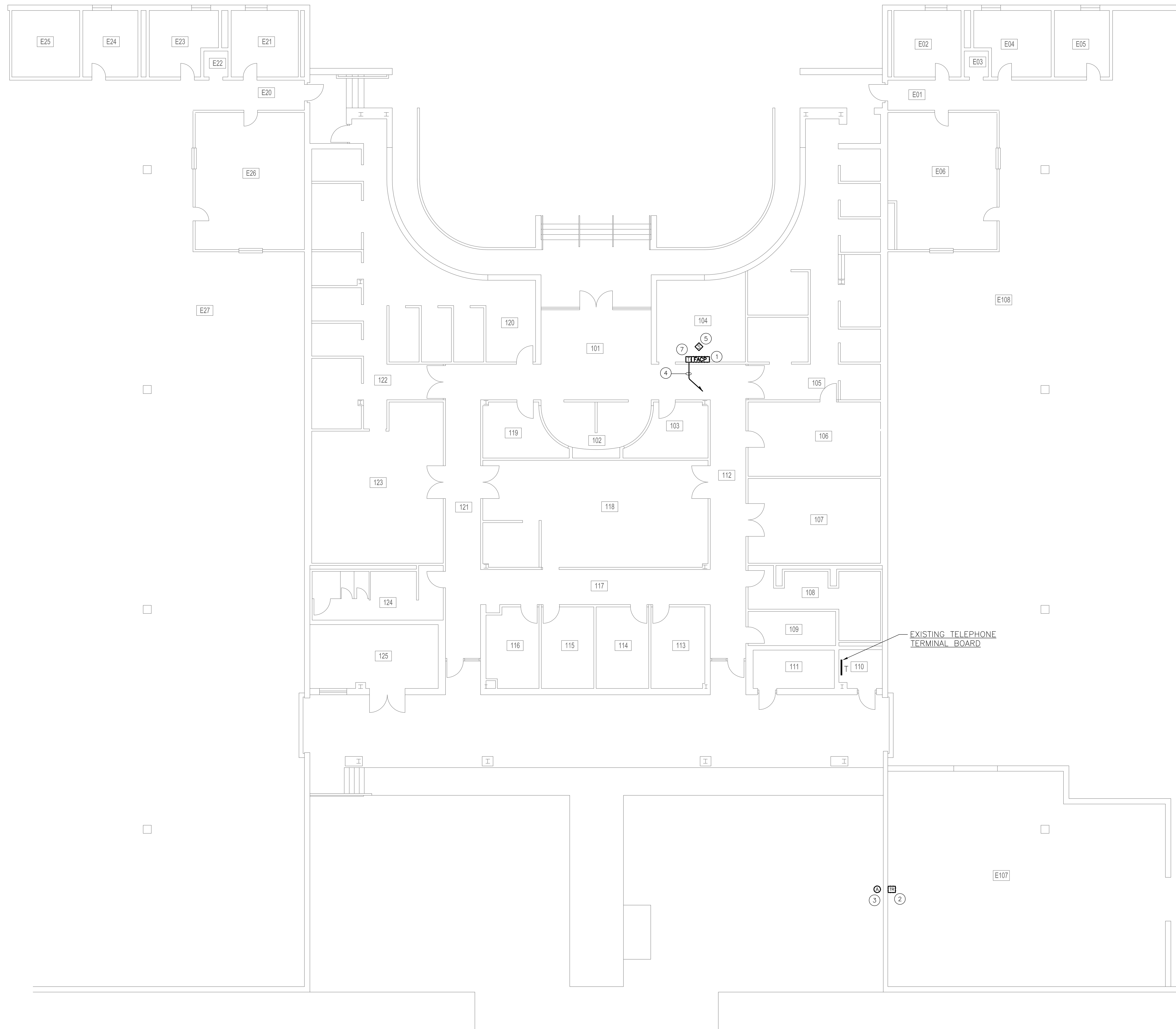


FIRST FLOOR PLAN

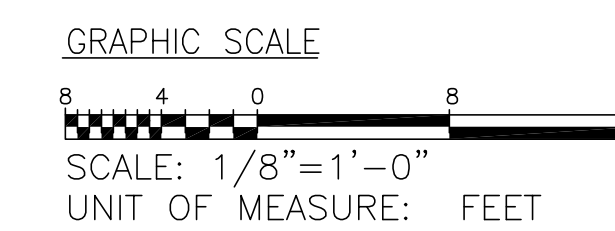


DATE: 7/30/2010		FINAL SUBMISSION		E1.68	
FACILITY ENGINEERING DEPT DWG NO		DEPT OF NAVY		PUBLIC WORKS DIVISION	
MARINE CORPS BASE, CAMP LEJEUNE, N.C.		UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS			
BUILDING NO. 1108 FIRST FLOOR FIRE ALARM SYSTEM				NAVFAC DRAWING NO. 60006428	
DES CAS		SIZE		CODE IDENT NO	
DR MCW		F			
CHK EJM		APPROVED: FEO OR OICC DATE		CONSTRUCTION CONTRACT NO.	
SUPV JWM		SATISFACTORY TO DATE		SCALE NOTED SPEC	
IN CH				SHEET 71 OF	





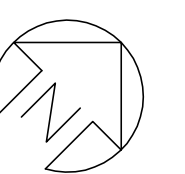
FIRST FLOOR PLAN

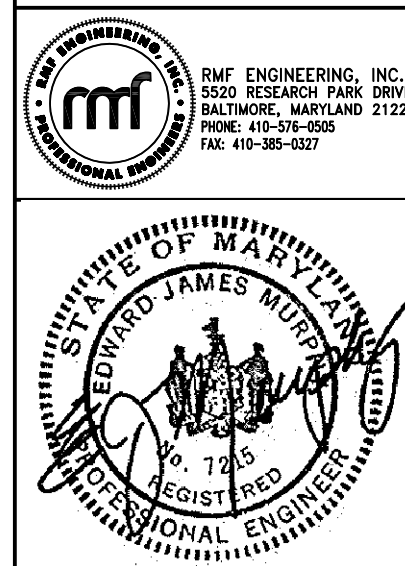


REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ NOT USED.
 - ⑦ PROVIDE NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



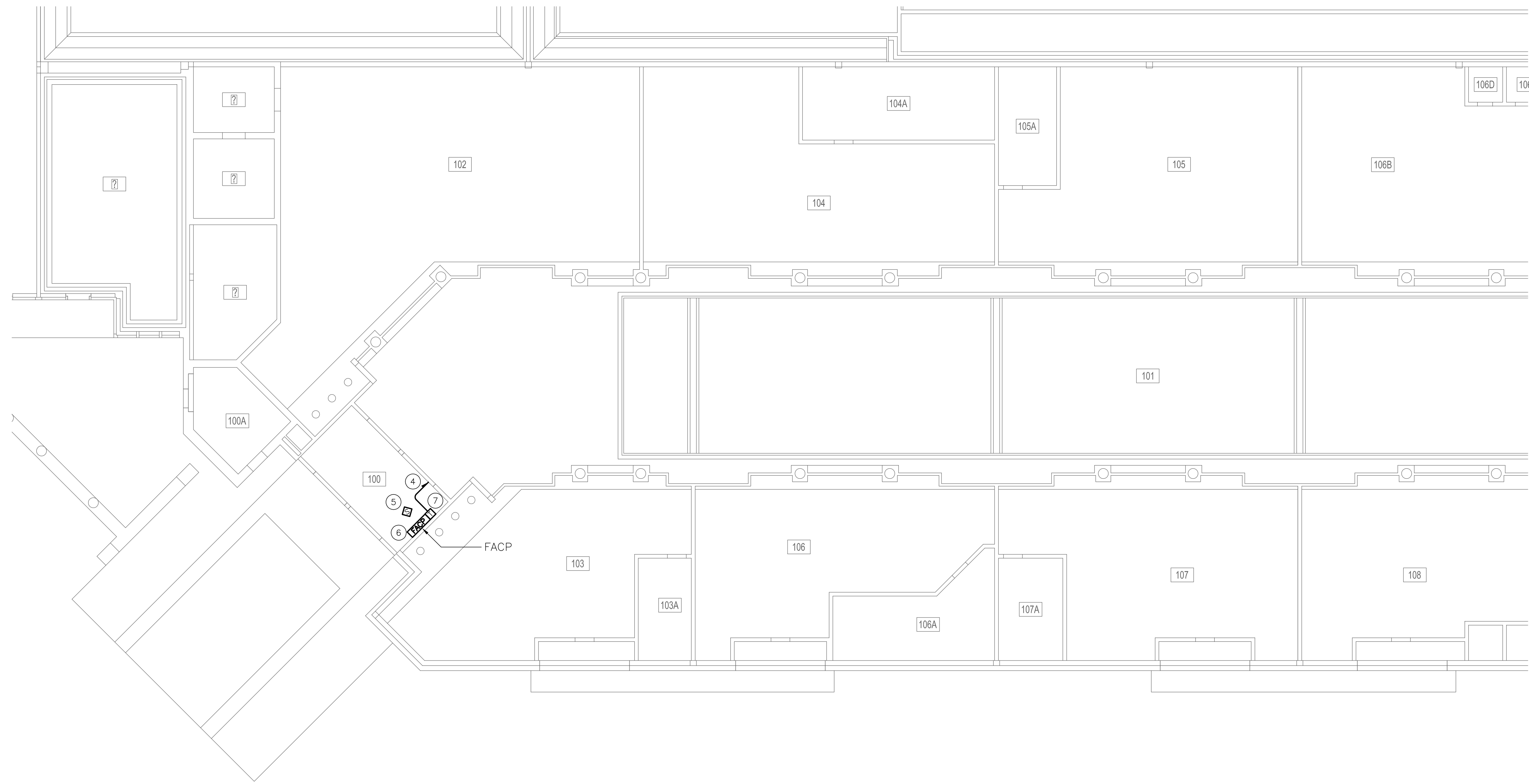
DATE: 7/30/2010	FINAL SUBMISSION	E1.69
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION MARINE CORPS BASE, CAMP LEJEUNE, N.C.
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO NAVFAC DRAWING NO. F . 60006429
SCALE NOTED SPEC 09-0093		CONSTRUCTION CONTRACT NO. N40085-09-B-0093 SHEET 72 OF 102

600064

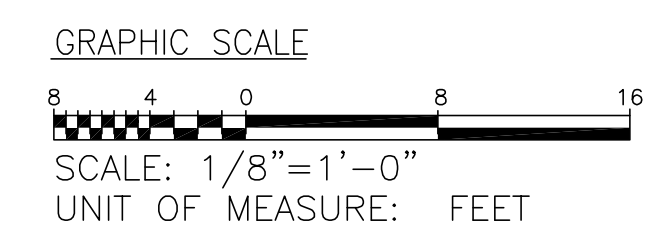
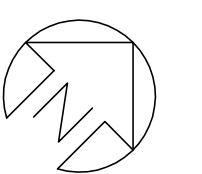
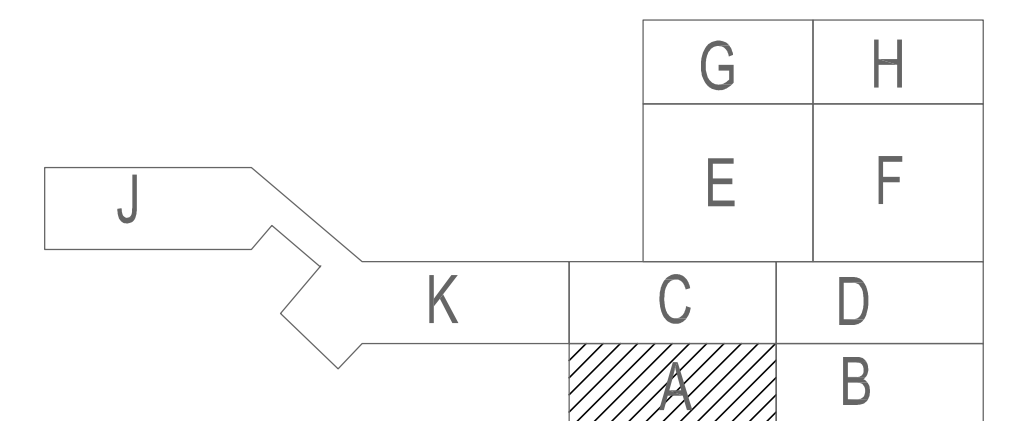
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

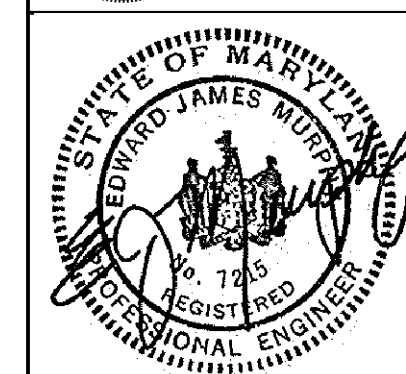
- DRAWING NOTES:
- ① NOT USED.
 - ② NOT USED.
 - ③ NOT USED.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑦ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



AREA A FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.70
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006430
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 73 OF 102

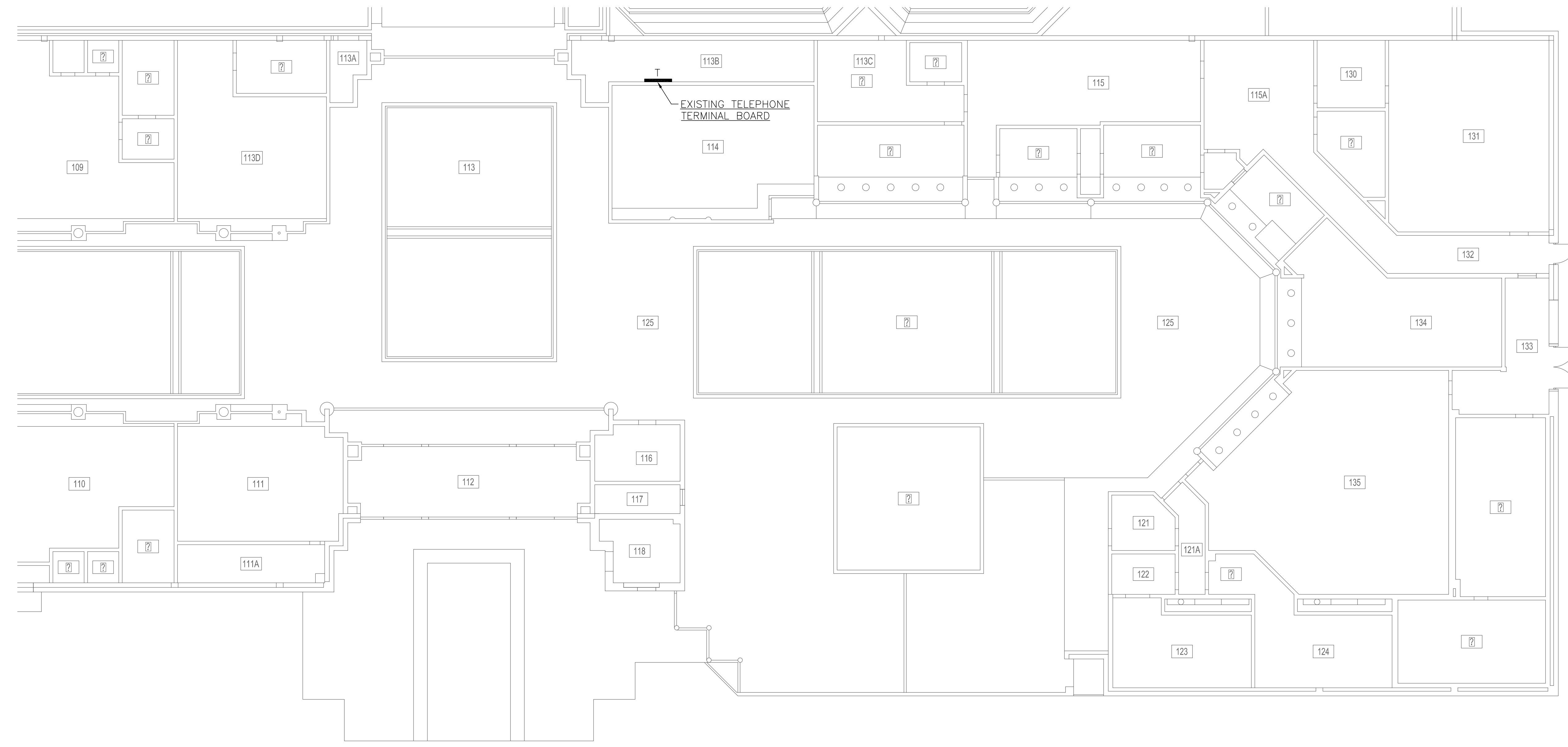


HV-PRO-1070266-A1-WXREF

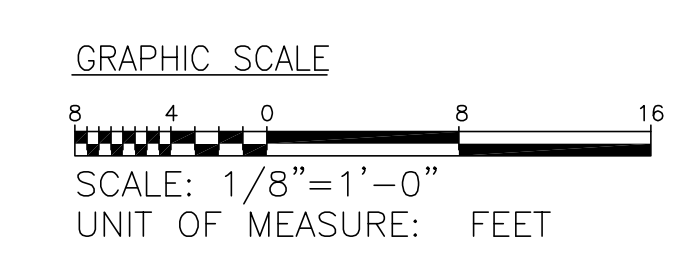
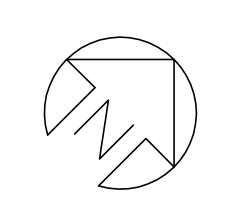
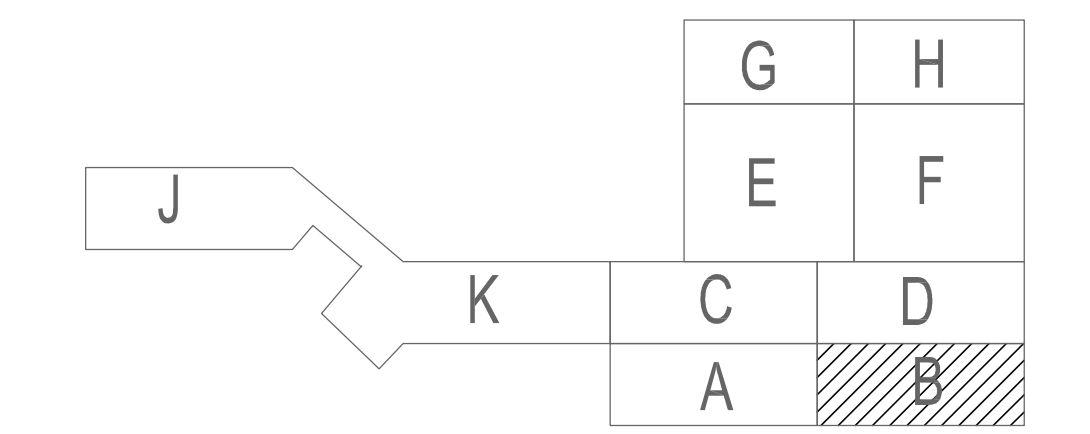
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

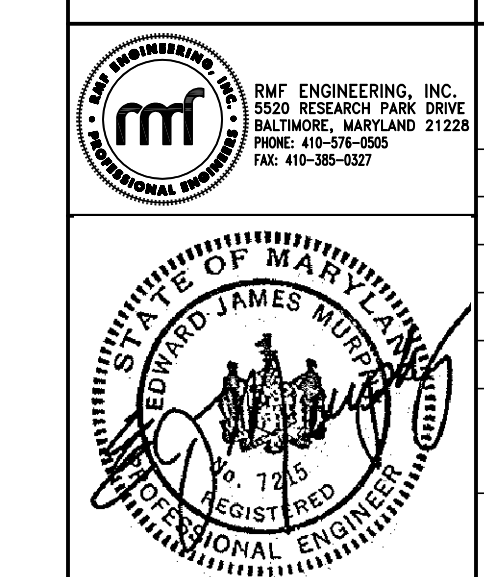
DRAWING NOTES:
 ① EXTEND 1" C WITH TWO CAT-5E CABLES FROM AUTO DIALER TO TELEPHONE SERVICE AND MAKE CONNECTIONS.



AREA B FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.71
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS DR MCW CHK EJM SUPV JWM IN CH .	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
APPROVED: FEO OR OICC DATE	BUILDING NO. 1231 AREA B FIRE ALARM SYSTEM	
SATISFACTORY TO DATE	SIZE F	NAVFAC DRAWING NO. 60006431
	CONSTRUCTION CONTRACT NO. N40085-09-B-0093	SHEET 74 OF 102
	SCALE NOTED SPEC 09-0093	

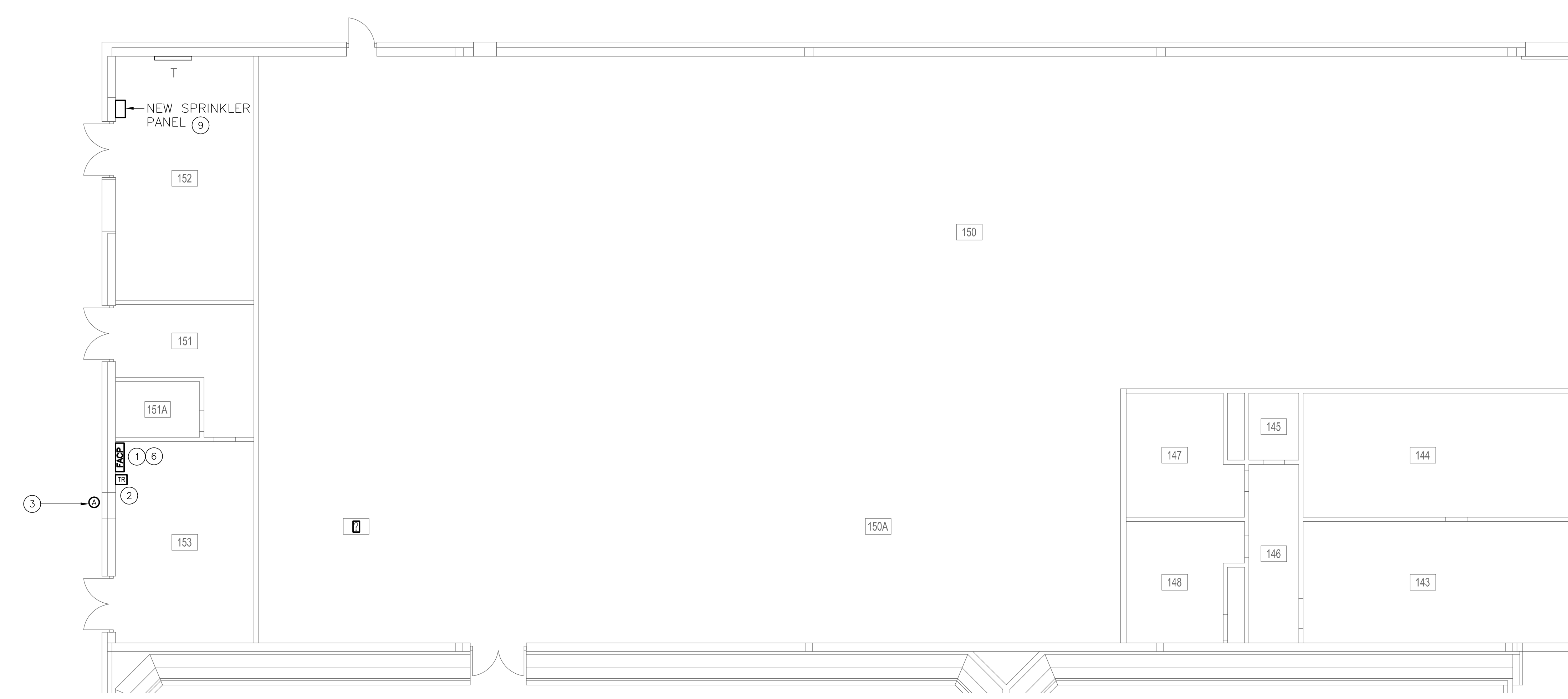


HV-PRO-1070266-A1-WXREF

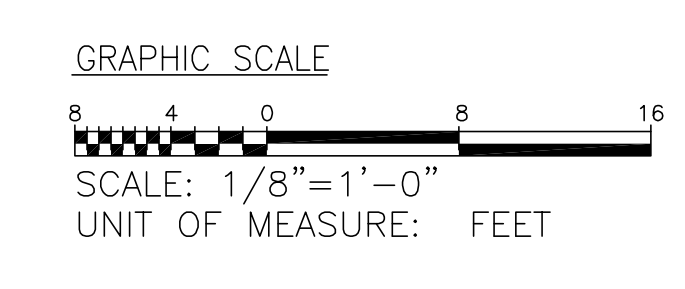
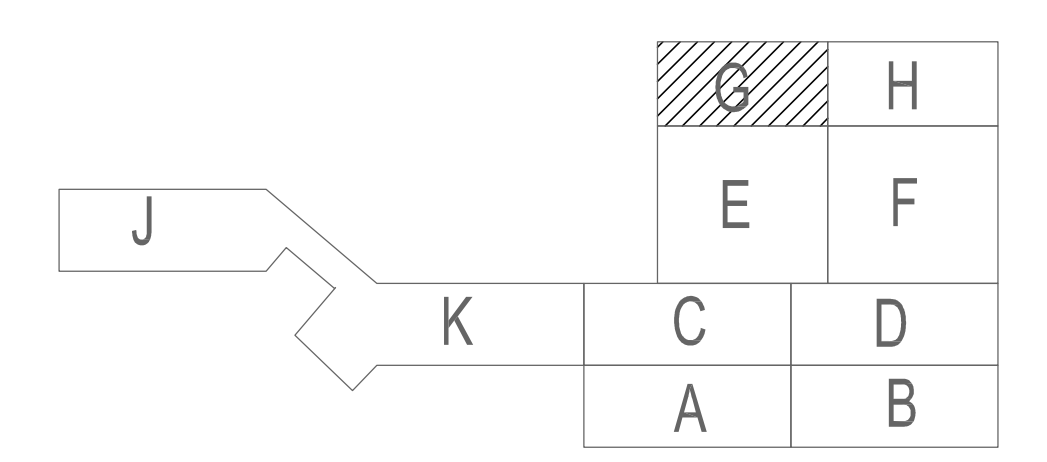
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4002, 24 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ NOT USED.
 - ⑤ NOT USED.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENTION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NOT USED.
 - ⑧ NOT USED.
 - ⑨ CONNECT EXISTING TWO FLOW AND TWO TAMPER SWITCHES TO PANEL, CONNECT PANEL TO NEW FACP.



AREA G FLOOR PLAN



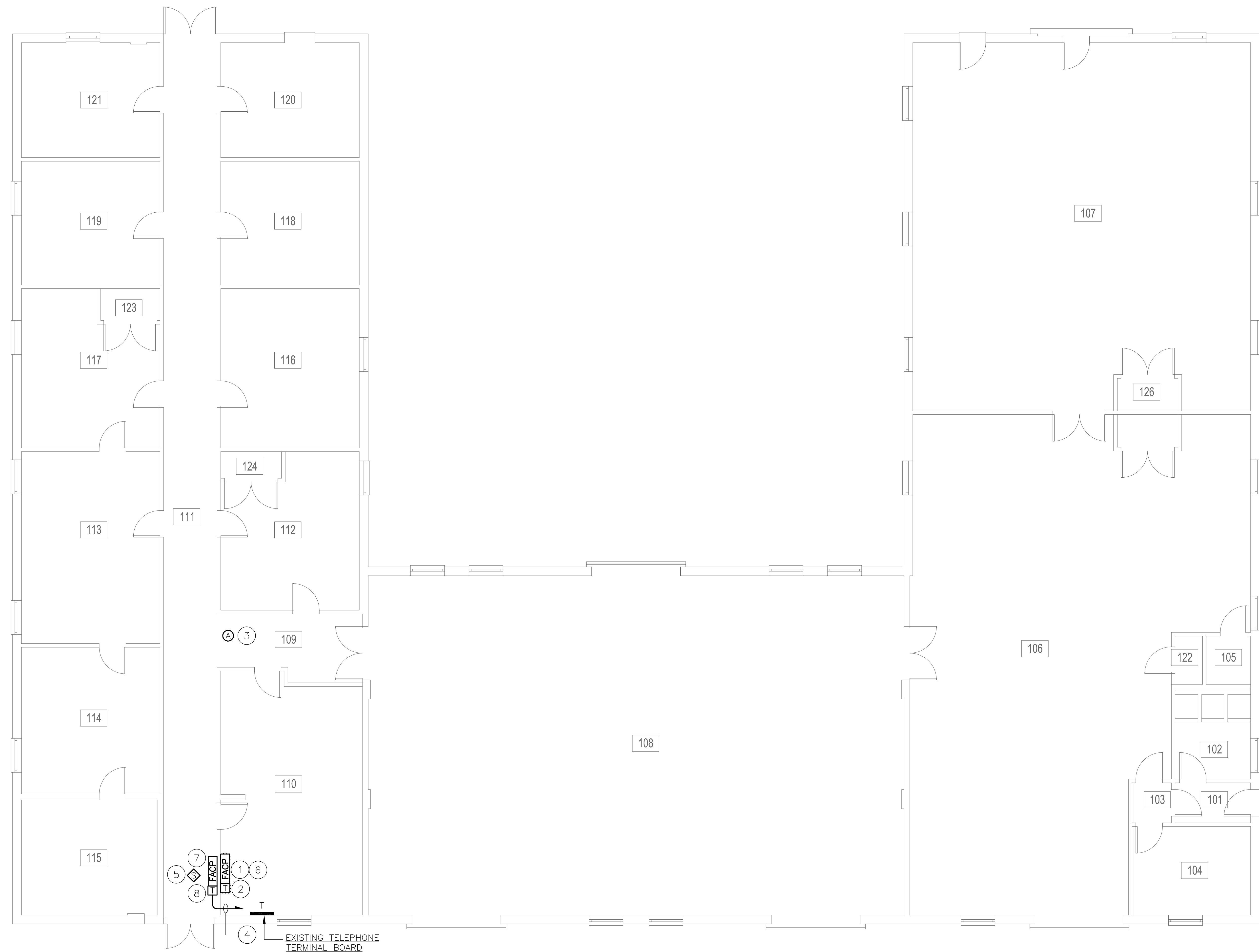
DATE: 7/30/2010	FINAL SUBMISSION	E1.72
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. 1231 AREA G FIRE ALARM SYSTEM	
CHK EJM	SIZE F	CODE IDENT NO .
SUPV JWM	APPROVED: FEO OR OICC DATE	NAVFAC DRAWING NO. 60006432
IN CH .	SATISFACTORY TO DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SHEET 75 OF 102

H:\PROJ\070266A\WREF

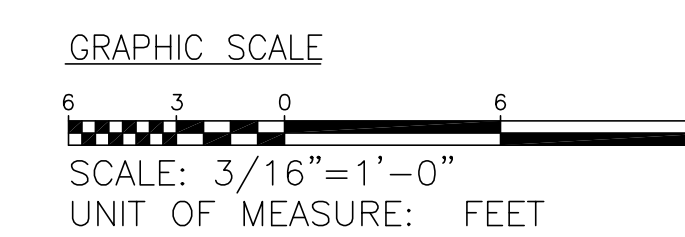
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

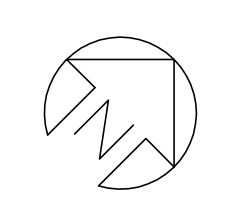
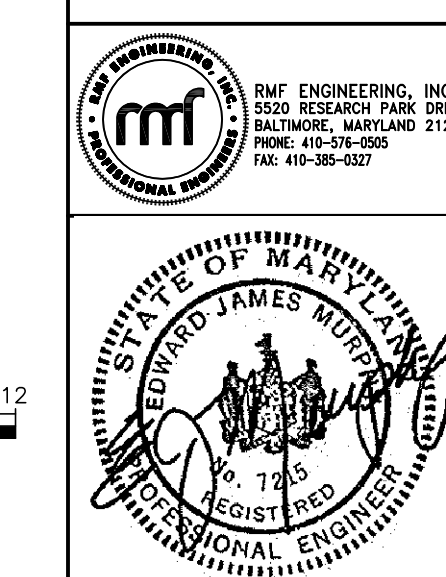
- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4002, 4 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.73
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. 1308 FIRST FLOOR FIRE ALARM SYSTEM	
CHK EJM	SIZE	CODE IDENT NO
SUPV JWM	F	60006433
IN CH .	APPROVED: FEO OR OICC	DATE
SATISFACTORY TO	DATE	NAVFAC DRAWING NO. 60006433
SCALE NOTED SPEC		CONSTRUCTION CONTRACT NO. N40085-09-B-0093 09-0093
		SHEET 76 OF 102



HV-PRO-1070266-A1-WREF

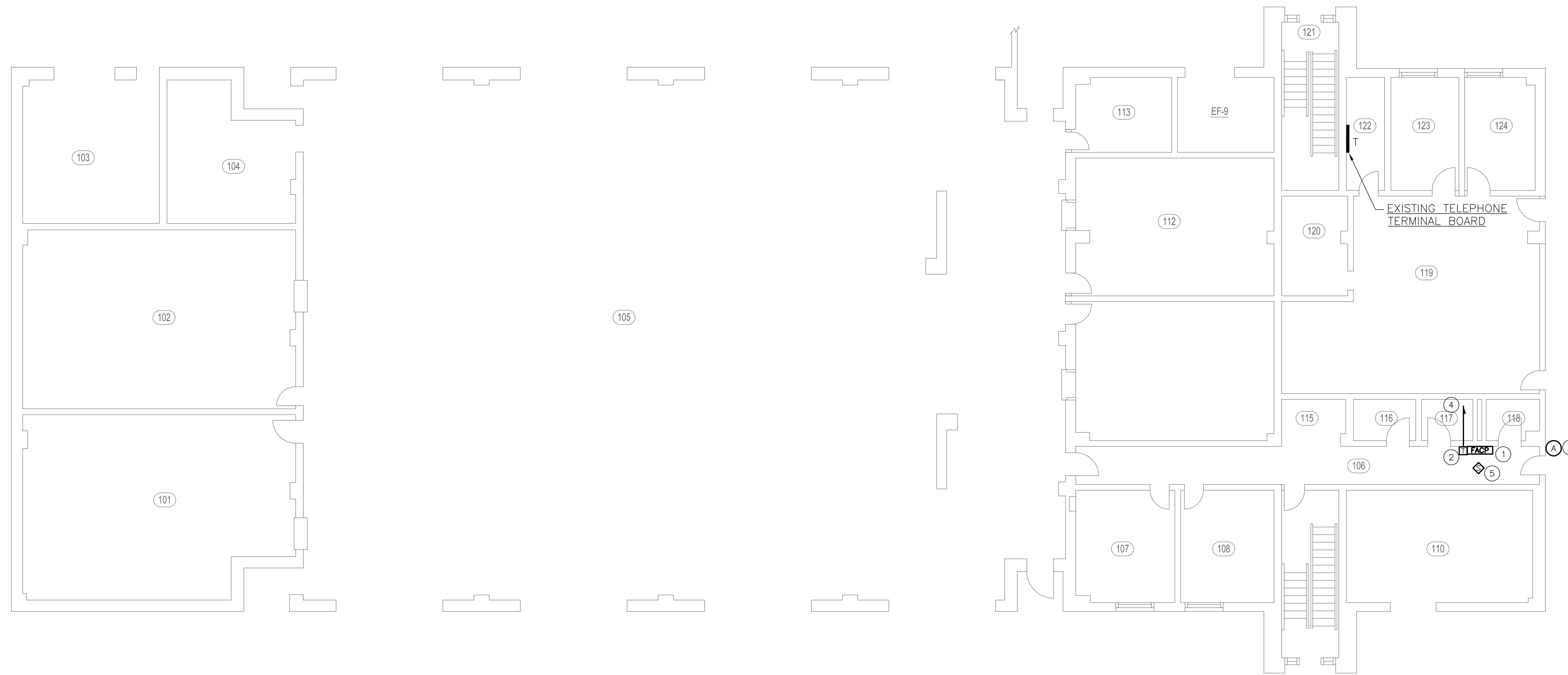
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:

1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

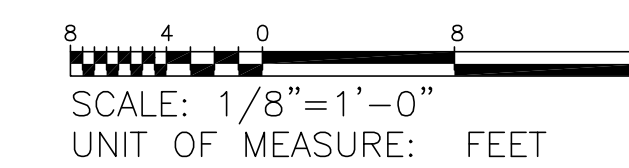
DRAWING NOTES:

- 1 REMOVE EXISTING SIMPLEX 4002, 4 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- 2 REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
- 3 REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- 4 PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- 5 PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN

GRAPHIC SCALE

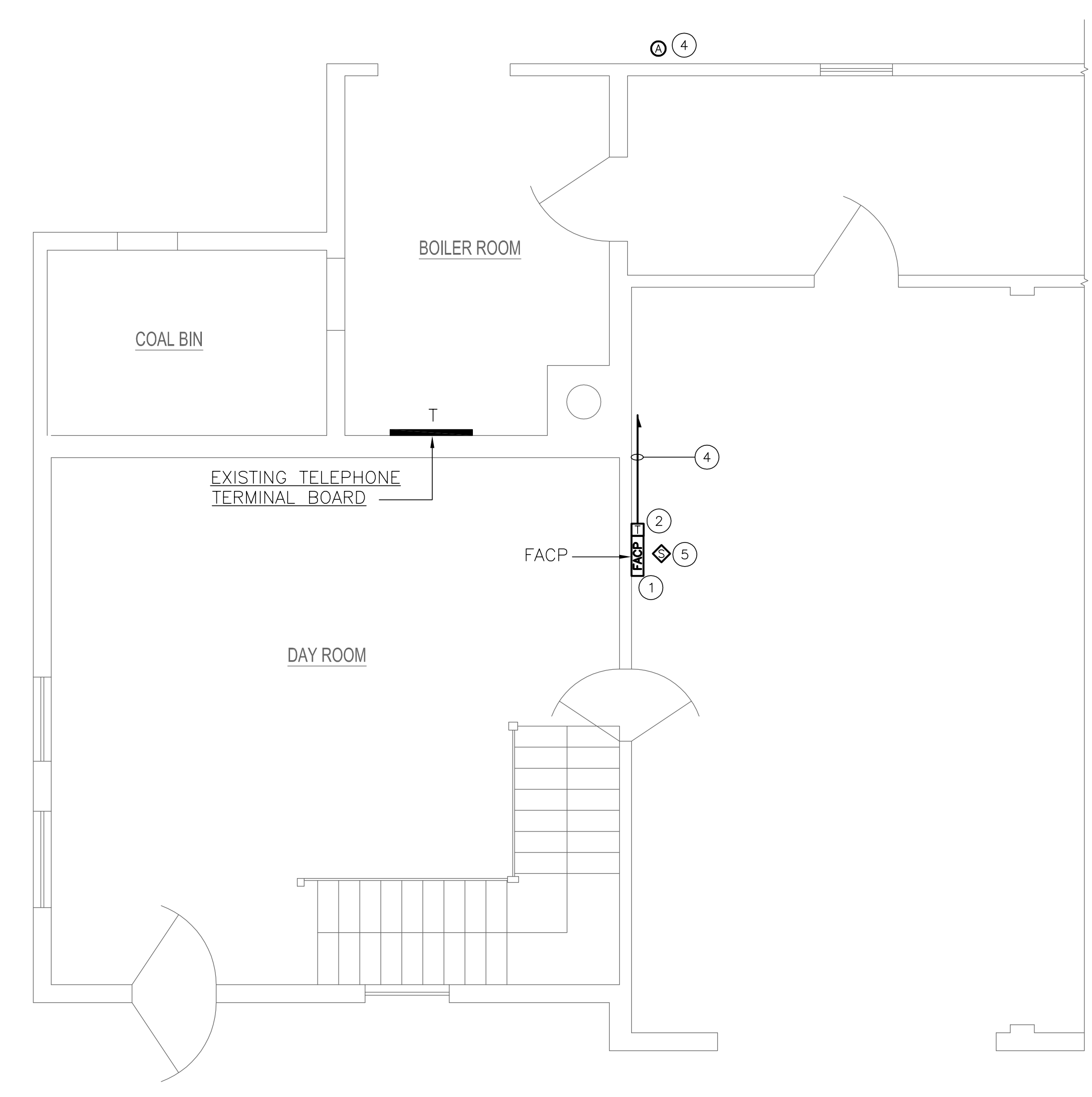


DATE: 7/30/2010	FINAL SUBMISSION	E1.74
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
DES CAS	DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
CHK EJM	SUPV JWM	BUILDING NO. 1323 FIRST FLOOR FIRE ALARM SYSTEM
IN CH .	APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO NAVFAC DRAWING NO. F . 60006434
SATISFACTORY TO DATE	CONSTRUCTION CONTRACT NO. N40085-09-B-0093	SCALE NOTED SPEC 09-0093 SHEET 77 OF 102

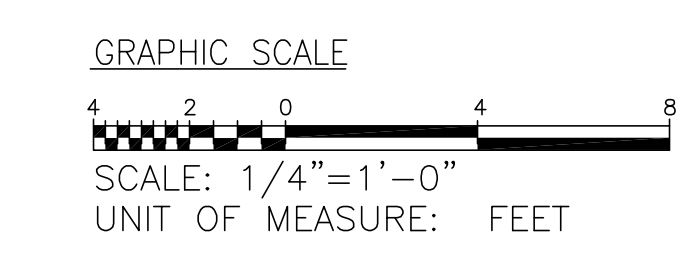
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4002, 4 ZONE FIRE ALARM CONTROL PANEL. EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.75
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006435
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SHEET 78 OF 102
		SCALE NOTED SPEC 09-0093

H:\PROJ\070266\A\WREF

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

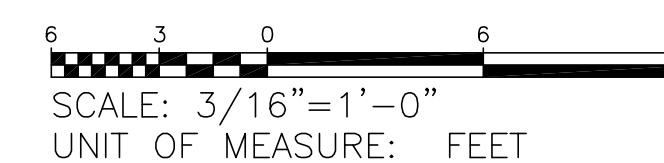
DRAWING NOTES:


- ① REMOVE EXISTING SIMPLEX 4002, 2 ZONE FIRE ALARM CONTROL PANEL.
- ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER, REMOVE EXISTING WIRE AND CONDUIT.
- ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- ④ PROVIDE 1"Ø. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
- ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENTION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
- ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.

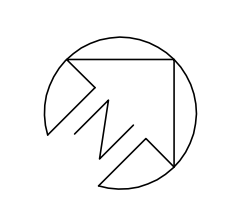


GROUND FLOOR PLAN

GRAPHIC SCALE



DATE: 7/30/2010	FINAL SUBMISSION	E1.76
 FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. 1403	
CHK EJM	FIRE ALARM SYSTEM	
SUPV JWM	SIZE	CODE IDENT NO
IN CH .	F	60006436
APPROVED: FEO OR OICC DATE	NAVFAC DRAWING NO.	
SATISFACTORY TO DATE	60006436	
	CONSTRUCTION CONTRACT NO. N40085-09-B-0093	
	SCALE NOTED	SPEC 09-0093
		SHEET 79 OF 102

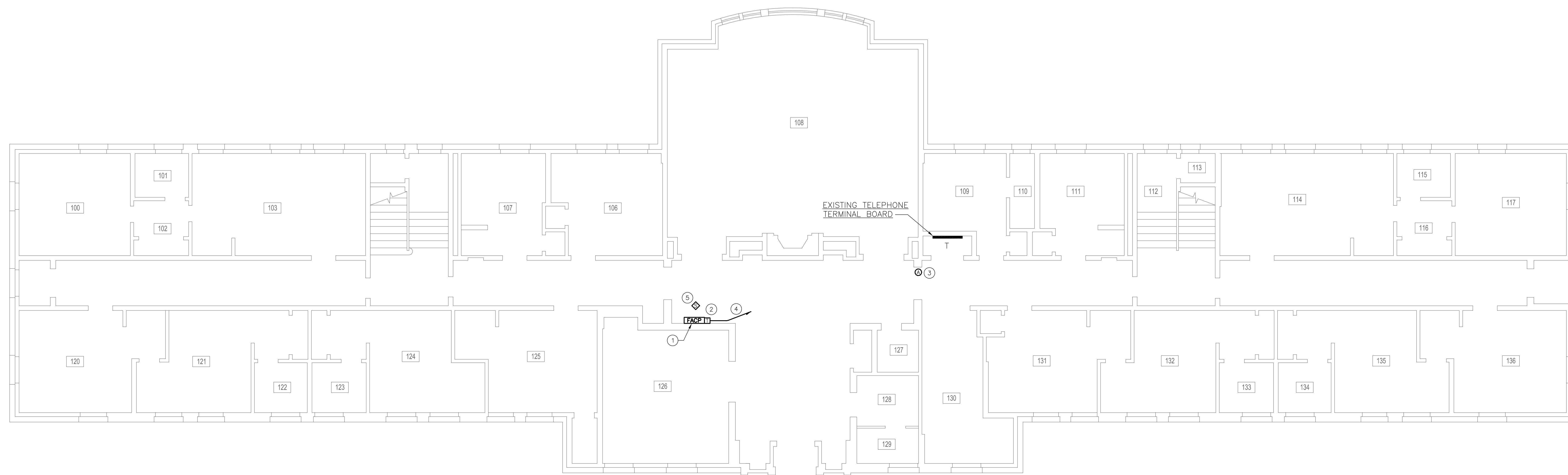


HV-PRO-1070266-A1-WREF

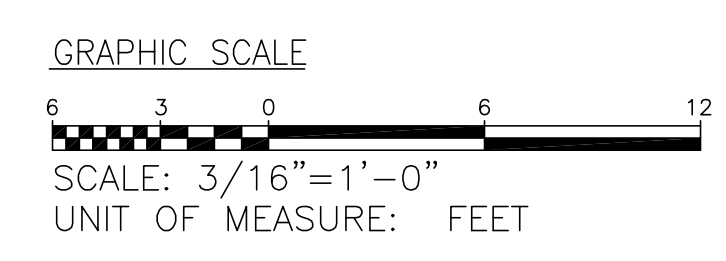
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


- GENERAL NOTES:
- THIS BUILDING IS TYPICAL FOR BUILDINGS NO. 2603, 2604, 2605, 2607, 2609, 2611 AND 2613.
 - ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

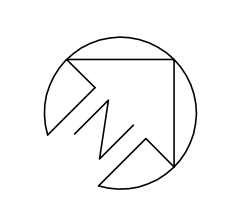
- DRAWING NOTES:
- REMOVE EXISTING NOTIFIER, 16 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1"Ø WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.77
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
	DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
	CHK EJM	BUILDING NO. 2602,03,04,05,07,09,11&13
	SUPV JWM	FIRST FLOOR - FIRE ALARM SYSTEM
	IN CH .	NAVFAC DRAWING NO. 60006437
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO DATE	F .	09-0093
	SCALE NOTED SPEC	SHEET 80 OF 102



H:\PROJ\072666\1\XREF

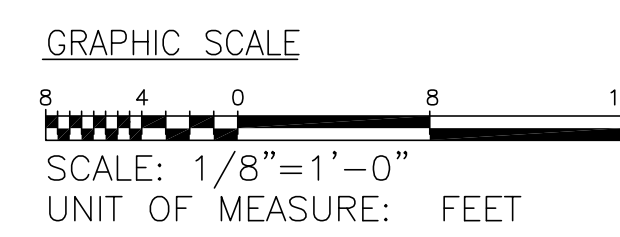
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

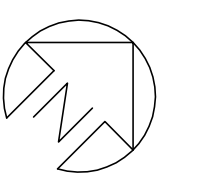
- DRAWING NOTES:**
- ① REMOVE EXISTING SIMPLEX 4002, 17 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.78
 FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. 2617 FIRST FLOOR FIRE ALARM SYSTEM	
SUPV JWM	IN CH .	NAVFAC DRAWING NO. 60006438
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO DATE	F .	60006438
	SCALE NOTED SPEC	09-0093 SHEET 81 OF 102

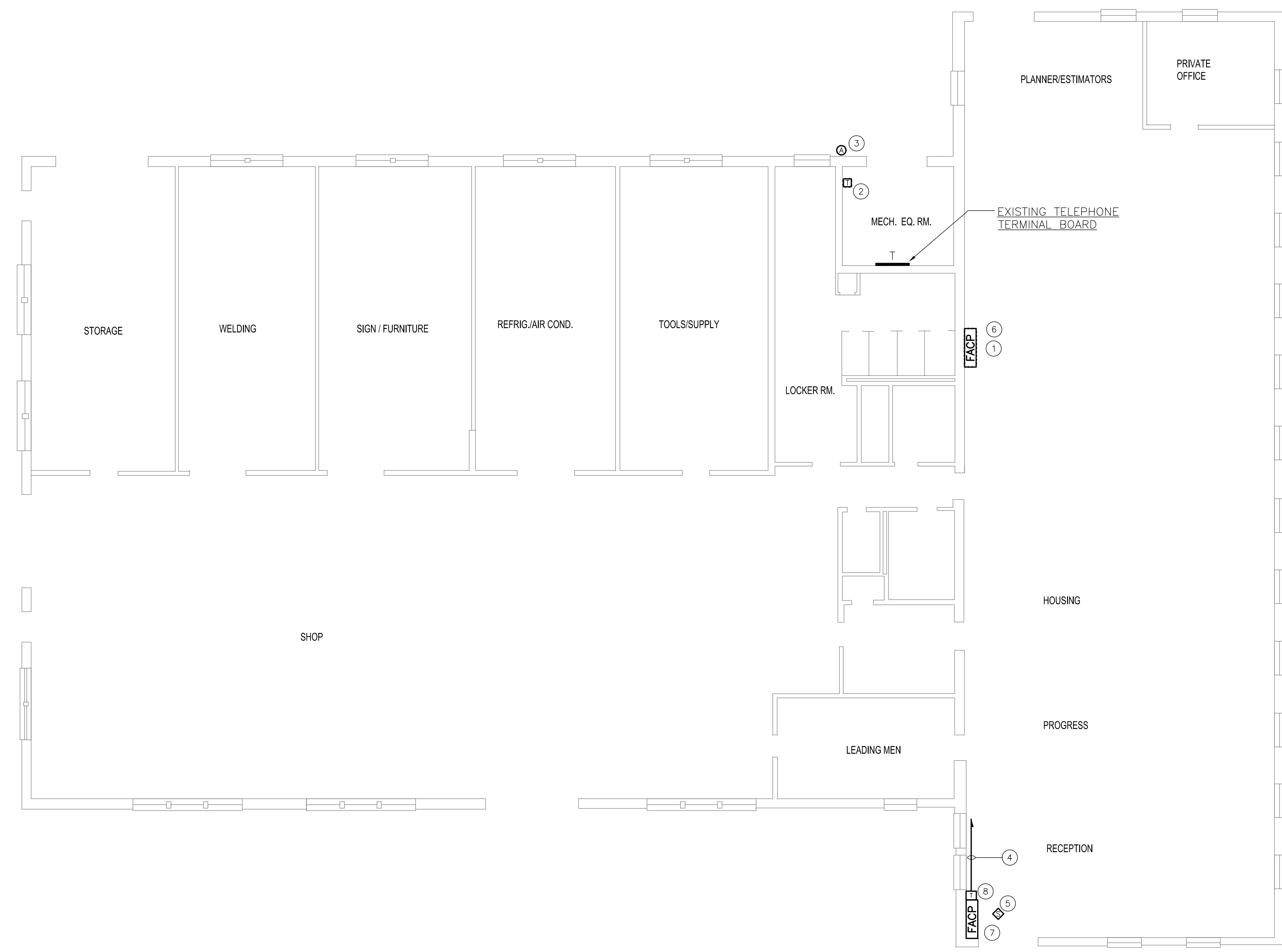


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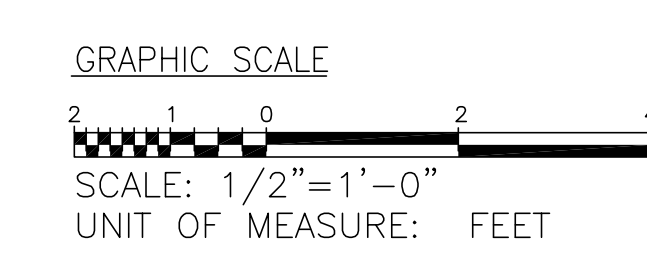
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

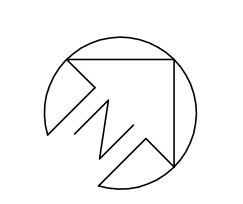
- DRAWING NOTES:
- ① REMOVE EXISTING FCI, 2 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1"Ø. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.79
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 600064.39
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 82 OF 102



HVPRO-1070266A1\XREF

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:

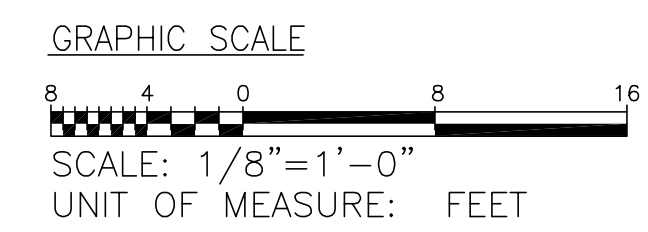
1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.


DRAWING NOTES:

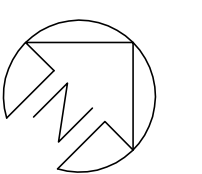
- ① REMOVE EXISTING FCI, 2 ZONE FIRE ALARM CONTROL PANEL.
- ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
- ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
- ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
- ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
- ⑨ CONNECT EXISTING FLOW AND TAMPER SWITCHES TO PANEL, CONNECT TO NEW FACP.
X



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.80
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006440
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 83 OF 102

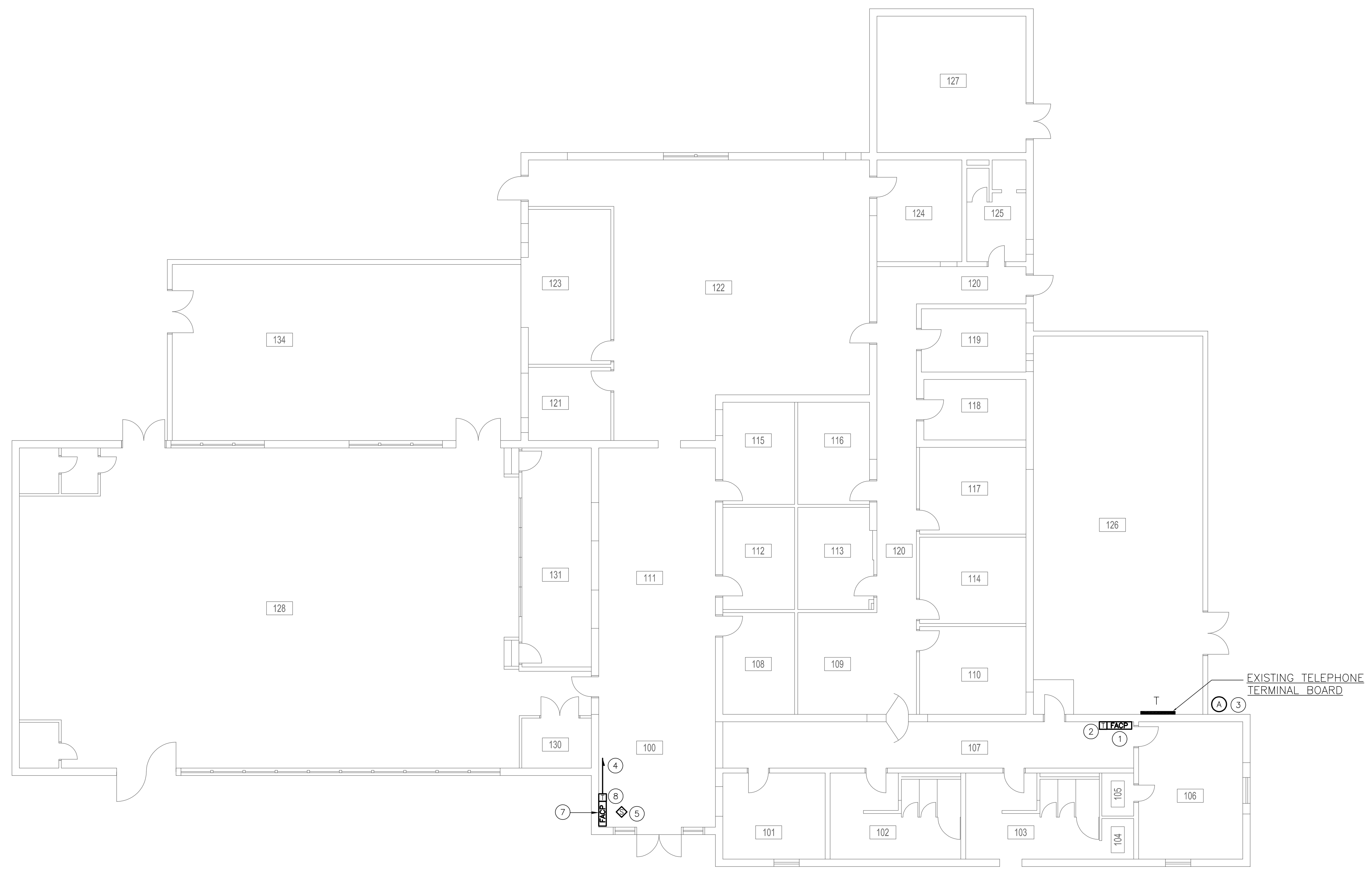


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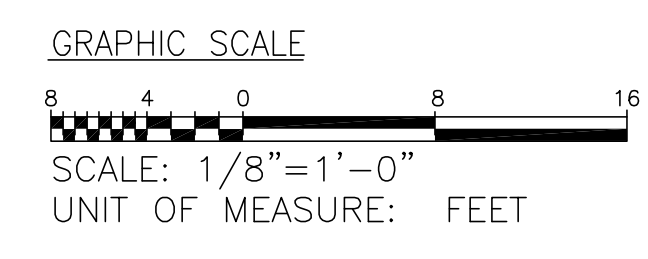
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

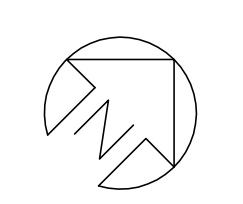
- DRAWING NOTES:**
- ① REMOVE EXISTING GAMEWELL FLEX SERIES FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATER-TITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.81
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
CHK EJM	SUPV JWM	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
IN CH .	APPROVED: FEO OR OICC DATE	BUILDING AS-208 FIRST FLOOR FIRE ALARM SYSTEM
SATISFACTORY TO DATE	SIZE F	NAVFAC DRAWING NO. 60006441
	SCALE NOTED SPEC 09-0093	CONSTRUCTION CONTRACT NO. N40085-09-B-0093 SHEET 84 OF 102



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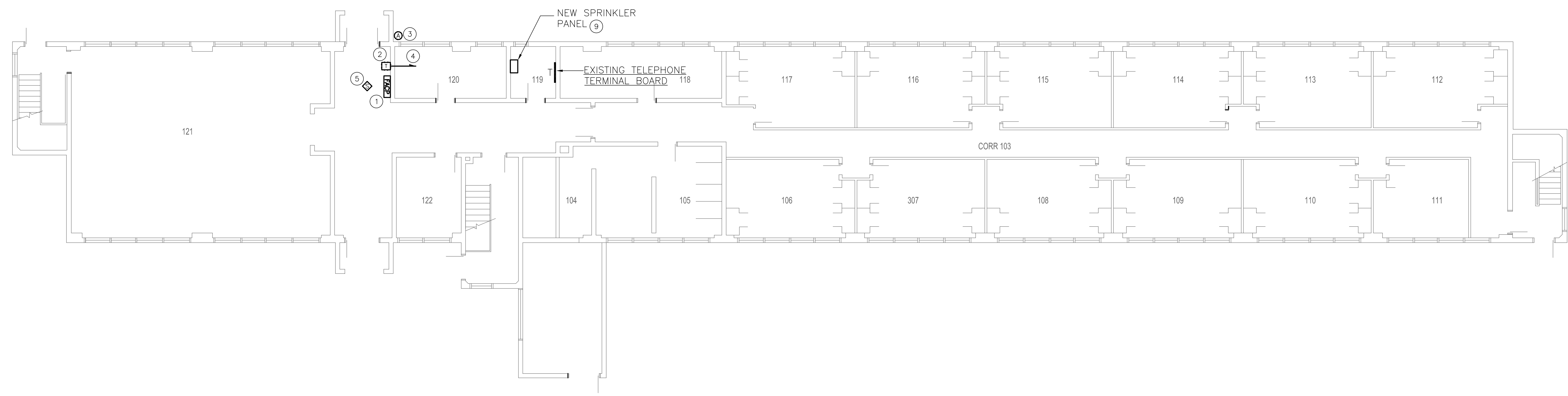
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

2. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

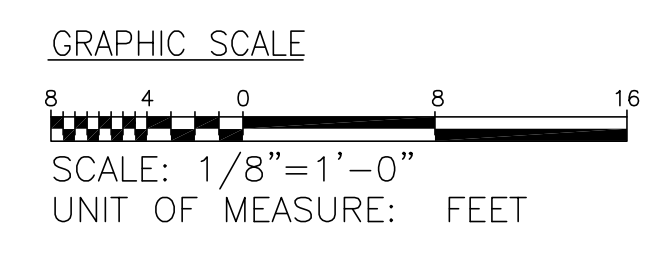
DRAWING NOTES:


- REMOVE EXISTING PYROTRONIX PXL, 14 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN, REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
- REMOVE

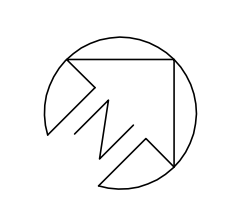
- ⑥ NOT USED.
- ⑦ NOT USED.
- ⑧ NOT USED.
- ⑨ CONNECT THREE FLOW AND THREE TAMPER EXISTING SWITCHES TO PANEL, CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.82
 M&E ENGINEERING, INC. 2200 W. HARRIS ROAD, SUITE 200 MILFORD, MASSACHUSETTS 01948 PHONE: 401-338-0000 FAX: 401-338-0001	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
CHK EJM	SUPV JWM	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
IN CH .	APPROVED: FEO OR OICC DATE	BUILDING AS-214 & AS217 FIRST FLOOR FIRE ALARM SYSTEM
SATISFACTORY TO DATE	SIZE F	NAVFAC DRAWING NO. 60006442
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
	SCALE NOTED SPEC 09-0093	SHEET 85 OF 102

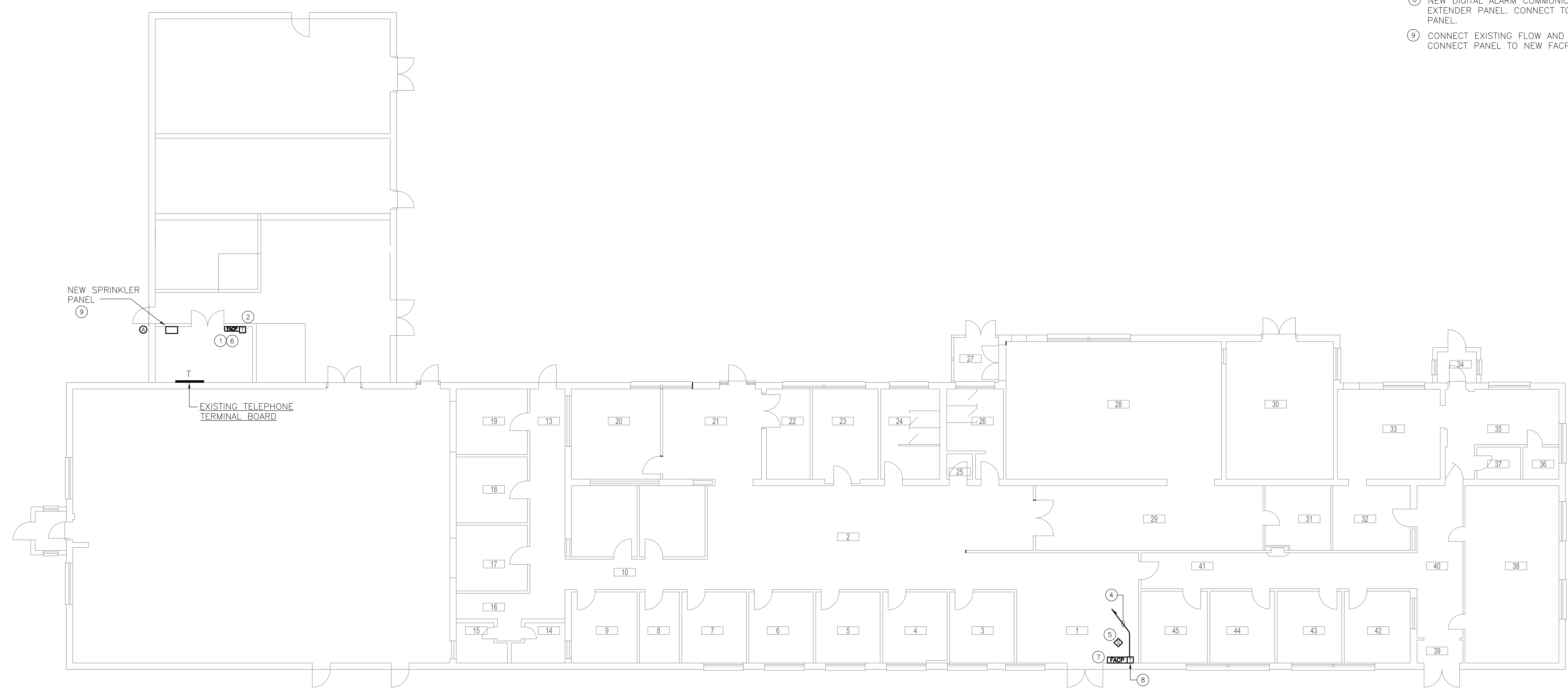


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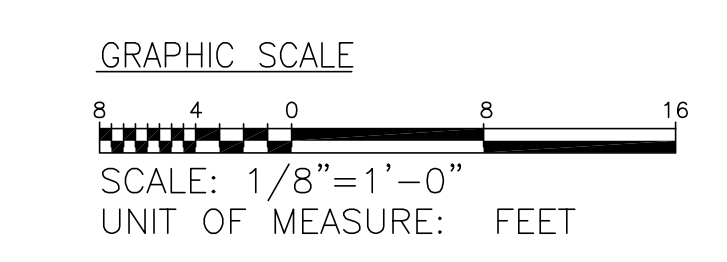
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


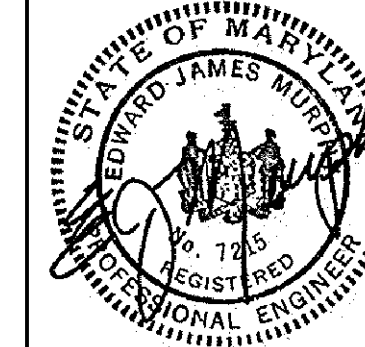
GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING FIRE LITE, 4 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ⑨ CONNECT EXISTING FLOW AND TAMPER SWITCHES TO PANEL. CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.83
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS DR MCW CHK EJM SUPV JWM IN CH .	MARINE CORPS BASE, CAMP LEJEUNE, N.C. UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS BUILDING AS-232 FIRST FLOOR FIRE ALARM SYSTEM
APPROVED: FEO OR OICC DATE	SIZE CODE IDENT NO	NAVFAC DRAWING NO. 60006443
SATISFACTORY TO DATE	F .	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
	SCALE NOTED SPEC	09-0093 SHEET 86 OF 102

HV-PRO-1070266-A1-VXREF

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

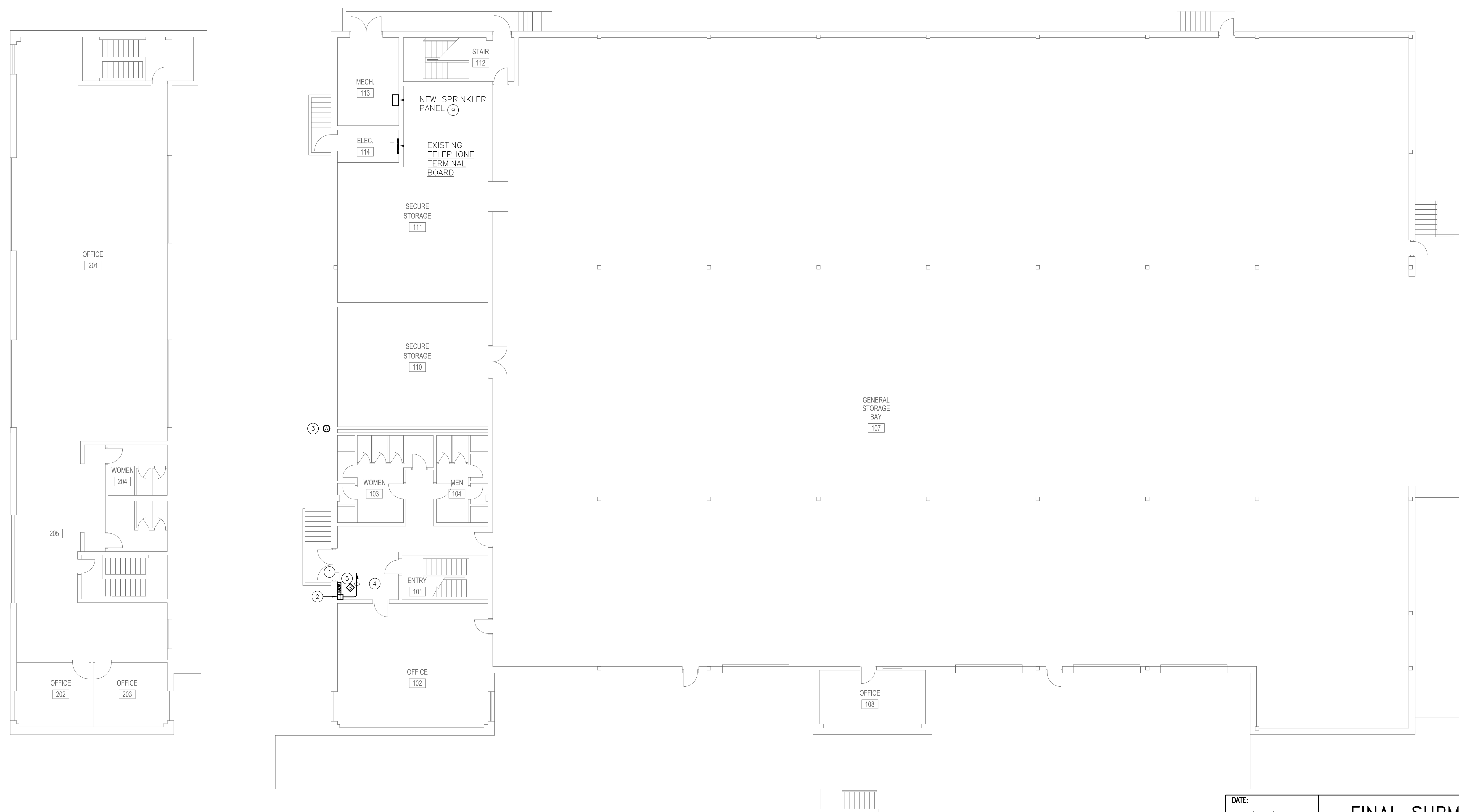
DRAWING NOTES:

- ① REMOVE EXISTING FIRE LITE, 3 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
- ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.

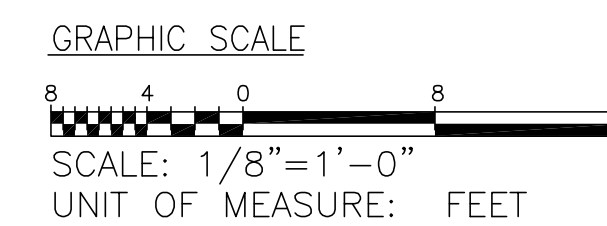
- ⑥ NOT USED.
- ⑦ NOT USED.
- ⑧ NOT USED.
- ⑨ CONNECT TO EXISTING FLOW AND TAMPER SWITCHES TO PANEL. CONNECT PANEL TO NEW FACP.


GENERAL NOTES:

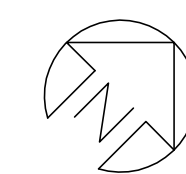
1. THIS BUILDING IS TYPICAL FOR BUILDINGS 420 AND AS4171.
2. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.84
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
CHK EJM	SUPV JWM	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
IN CH .	APPROVED: FEO OR OICC DATE	BUILDING AS-541, 420, & AS4171 FIRST FLOOR - FIRE ALARM SYSTEM
SATISFACTORY TO	DATE	NAVAFAC DRAWING NO. 60006444
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 87 OF 102

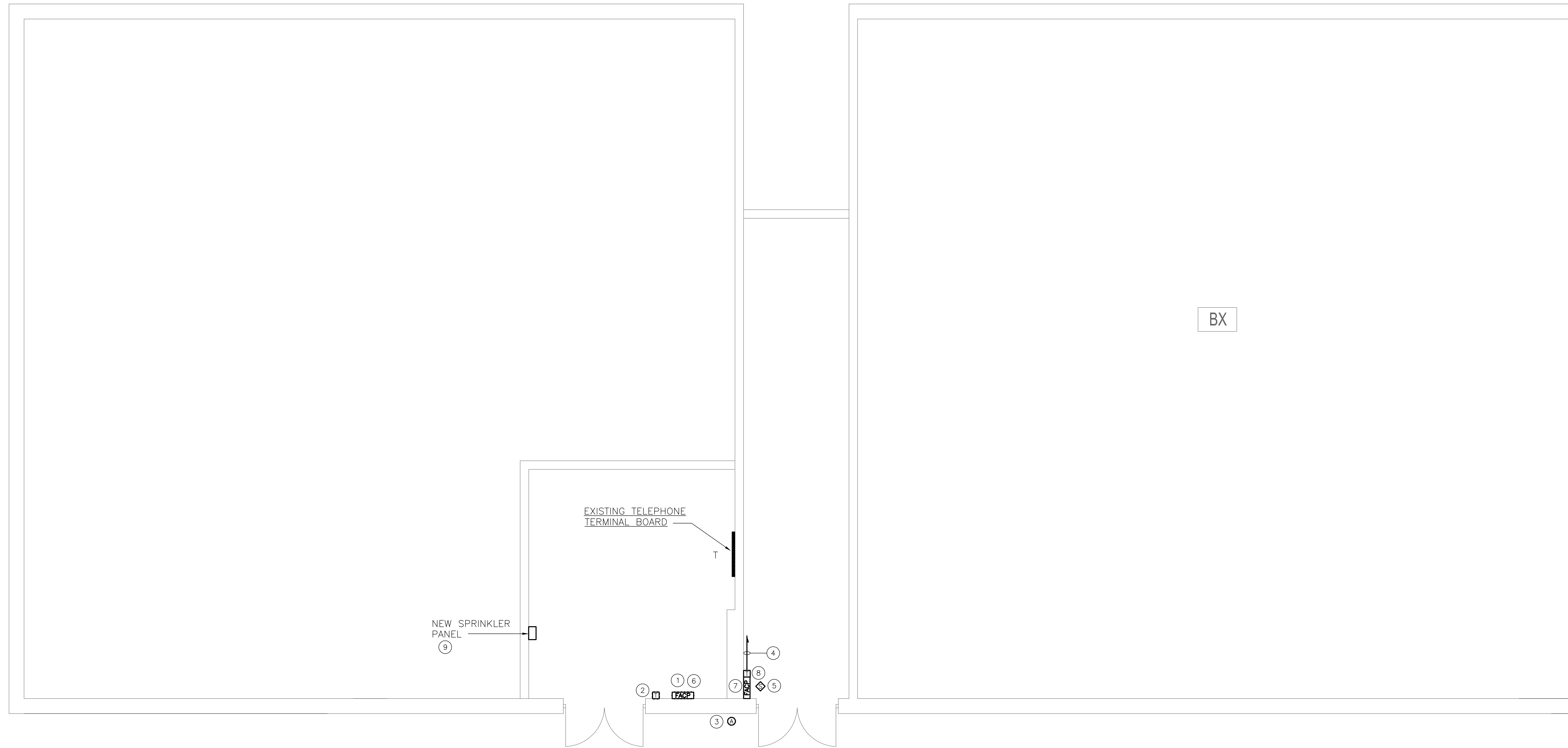


REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

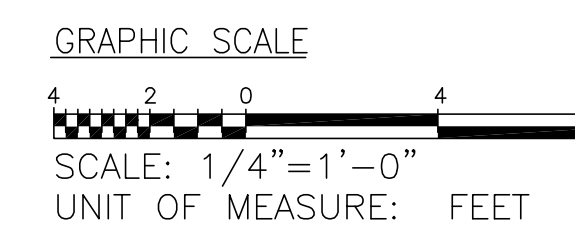
GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.


- DRAWING NOTES:**
- ① REMOVE EXISTING PYROTRONIX PXL, 6 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.

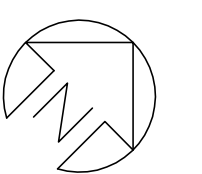
⑨ CONNECT EXISTING FLOW AND TAMPER SWITCHES TO PANEL, CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.85
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006445
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 88 OF 102

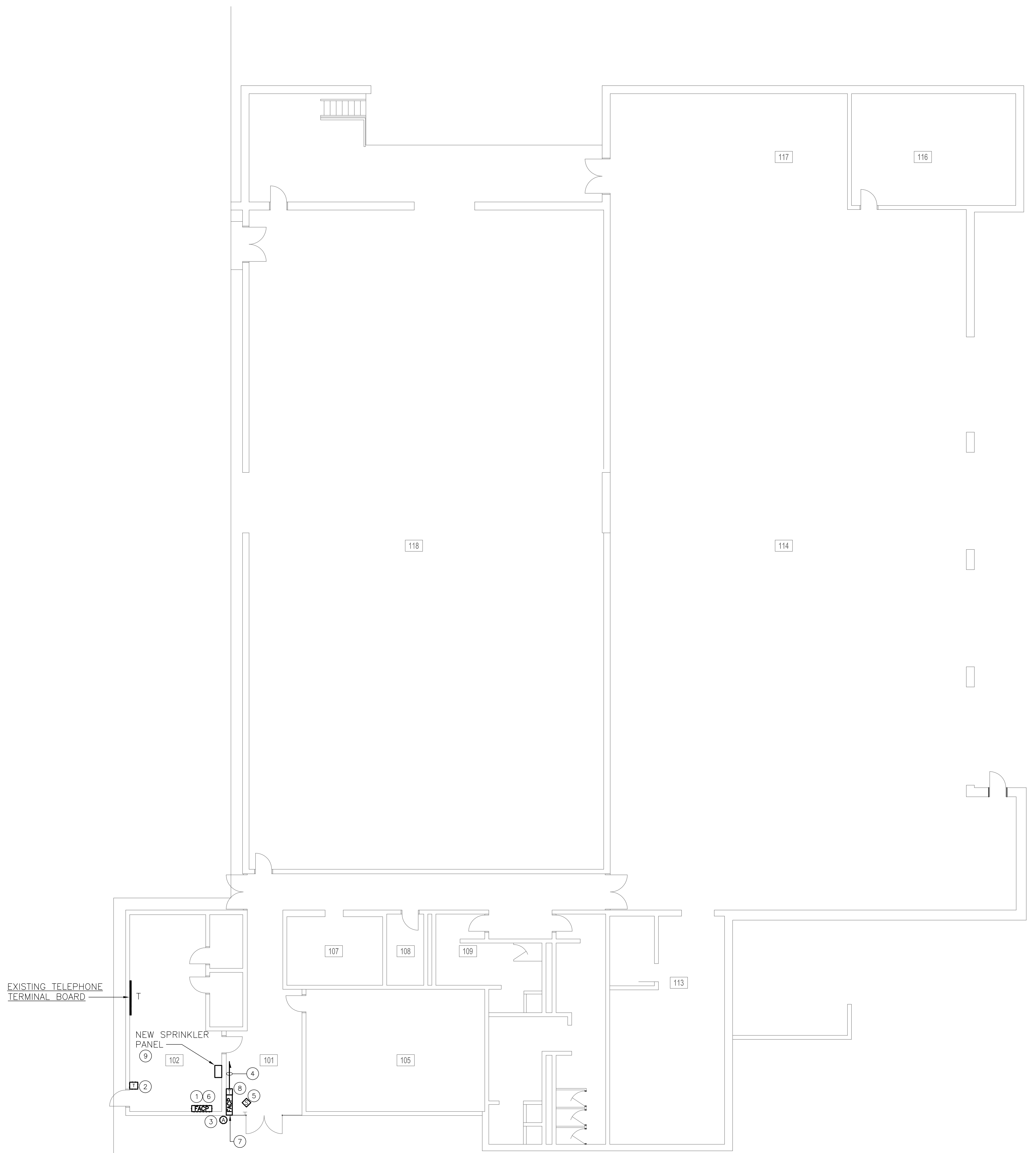


HV-PRO-1070266-A1-WXREF

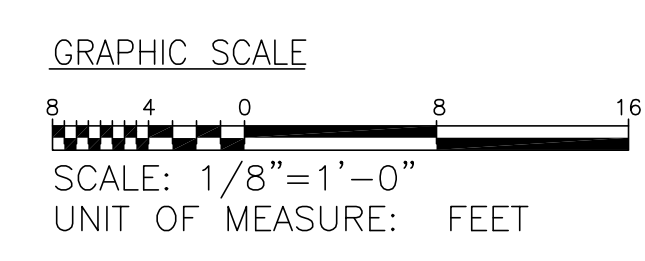
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

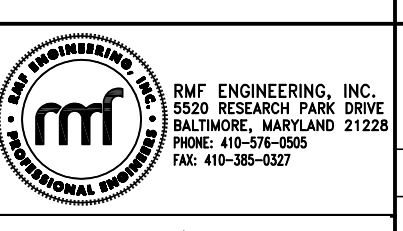
GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING PYROTRONIX SYSTEM 3, 4 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ⑨ CONNECT EXISTING TAMPER AND FLOW SWITCHES TO PANEL. CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN B



DATE: 7/30/2010	FINAL SUBMISSION	E1.86
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006446
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 89 OF 102

HV-PRO-1070266-A1-WREF

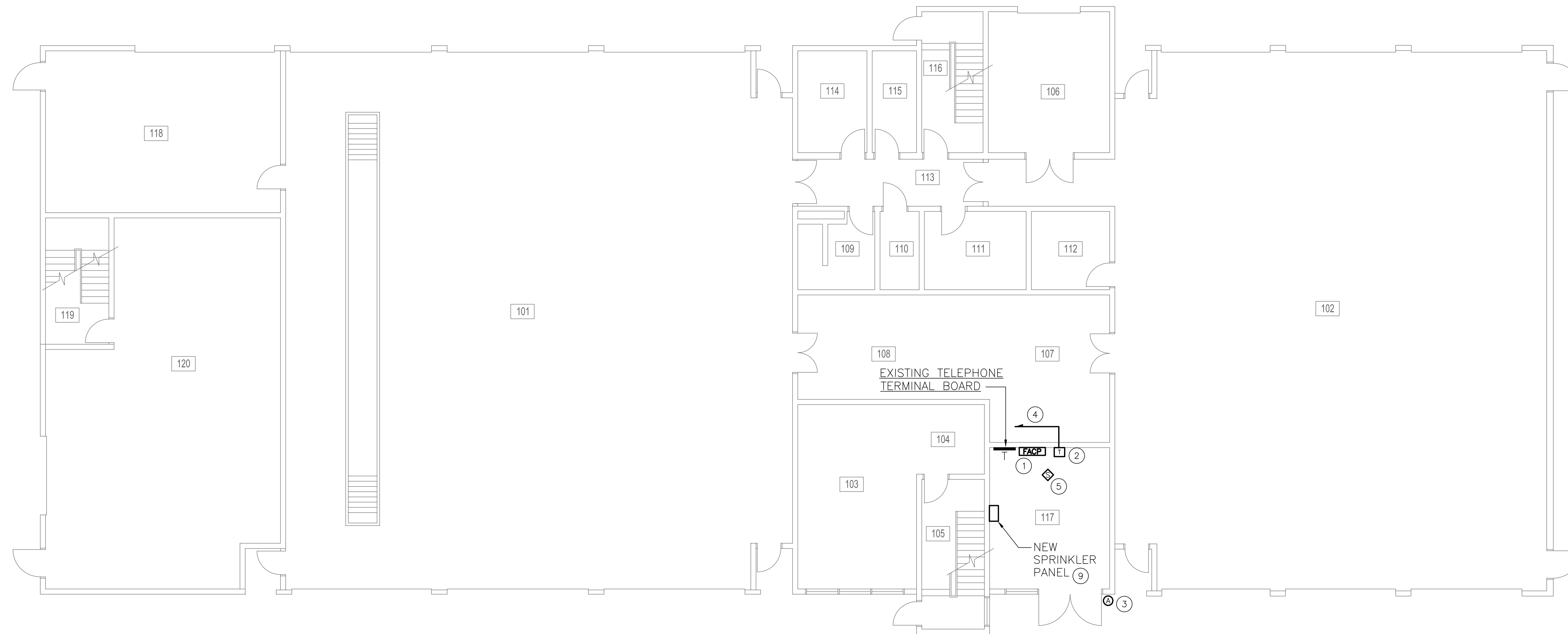
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:

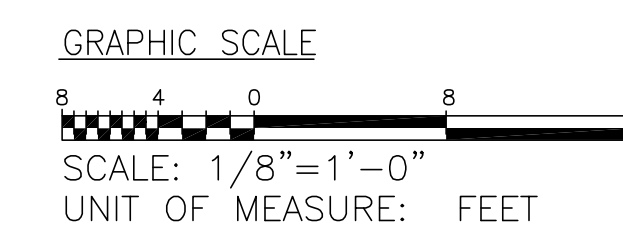
1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.


DRAWING NOTES:

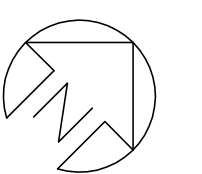
- 1 REMOVE EXISTING FCI, 8 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- 2 REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
- 3 REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
- 4 PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
- 5 PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
- 6 NOT USED.
- 7 NOT USED.
- 8 NOT USED.
- 9 CONNECT EXISTING FLOW AND TAMPER SWITCHES TO PANEL, CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.87
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
CHK EJM	SUPV JWM	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
IN CH .	APPROVED: FEO OR OICC DATE	BUILDING FC120 FIRST FLOOR FIRE ALARM SYSTEM
SATISFACTORY TO	DATE	NAVAC DRAWING NO. 60006447
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 90 OF 102



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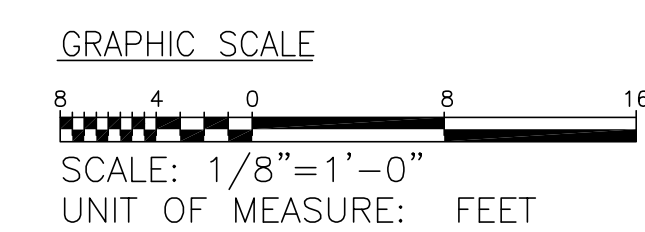
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- REMOVE EXISTING FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.



BATTALION OPERATIONS CENTER PLAN



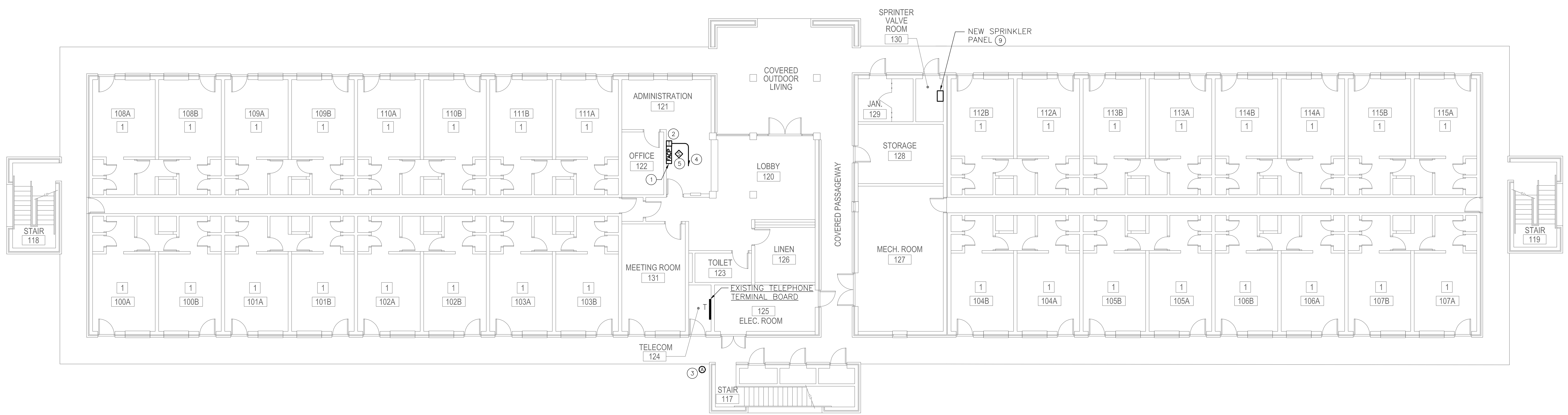
DATE: 7/30/2010	FINAL SUBMISSION	E1.88
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVAFAC DRAWING NO. 60006448
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 91 OF 102

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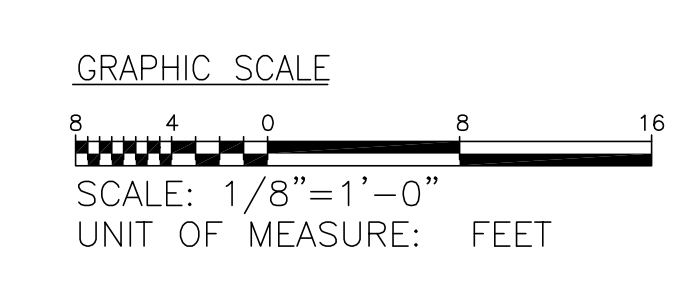
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4002, 24 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V, POWER TO REMAIN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER, REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ NOT USED.
 - ⑦ NOT USED.
 - ⑧ NOT USED.
 - ⑨ CONNECT EXISTING FLOW, TAMPER AND AIR SWITCHES TO PANEL, CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.89
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. G920 FIRST FLOOR FIRE ALARM SYSTEM	
CHK EJM	SIZE	CODE IDENT NO
SUPV JWM	F	60006449
IN CH .	APPROVED: FEO OR OICC DATE	NAVFAC DRAWING NO.
SATISFACTORY TO	DATE	60006449
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 92 OF 102

HV-PRO-1070266-A1-VXREF

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

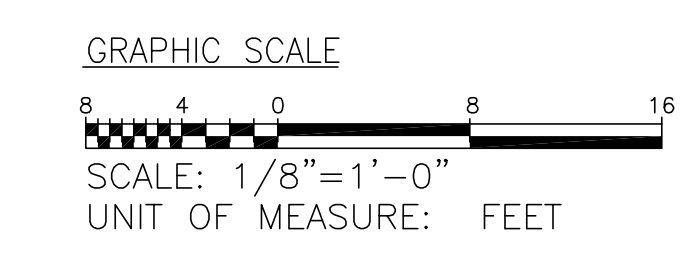
GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4002, 3 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".

- ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
- ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
- ⑨ CONNECT EXISTING FLOW AND TAMPER SWITCHES TO PANEL, CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



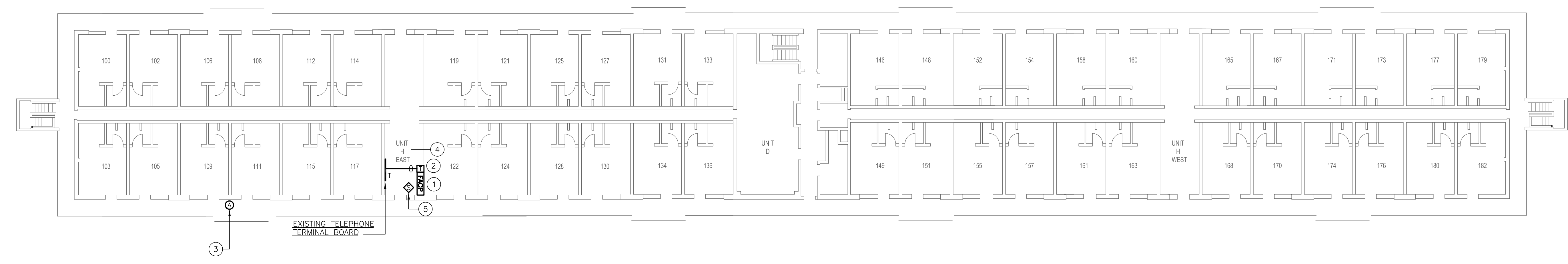
DATE: 7/30/2010	FINAL SUBMISSION	E1.90
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING HP250 FIRST FLOOR FIRE ALARM SYSTEM	
CHK EJM	IN CH .	
SUPV JWM	SIZE F	NAVFAC DRAWING NO. 600064450
APPROVED: FEO OR OICC DATE	SCALE NOTED	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO DATE	SPEC 09-0093	SHEET 93 OF 102

HV-PRO-1070266-A1-WXREF

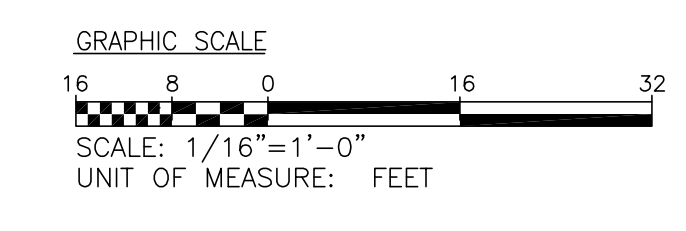
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


- GENERAL NOTES:**
- SIMILAR FOR BUILDINGS HP505, HP507, HP508, HP509, HP510 AND BB260
 - ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

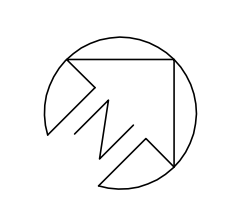
- DRAWING NOTES:**
- REMOVE EXISTING GAMEWELL, 7 ZONE FIRE ALARM CONTROL PANEL. EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.91
 M&E ENGINEERING, INC. 2200 W. WILSON ROAD, SUITE 100 WILSON, N.C. 27157 PHONE: 919-338-0000 FAX: 919-338-0001	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006451
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 94 OF 102

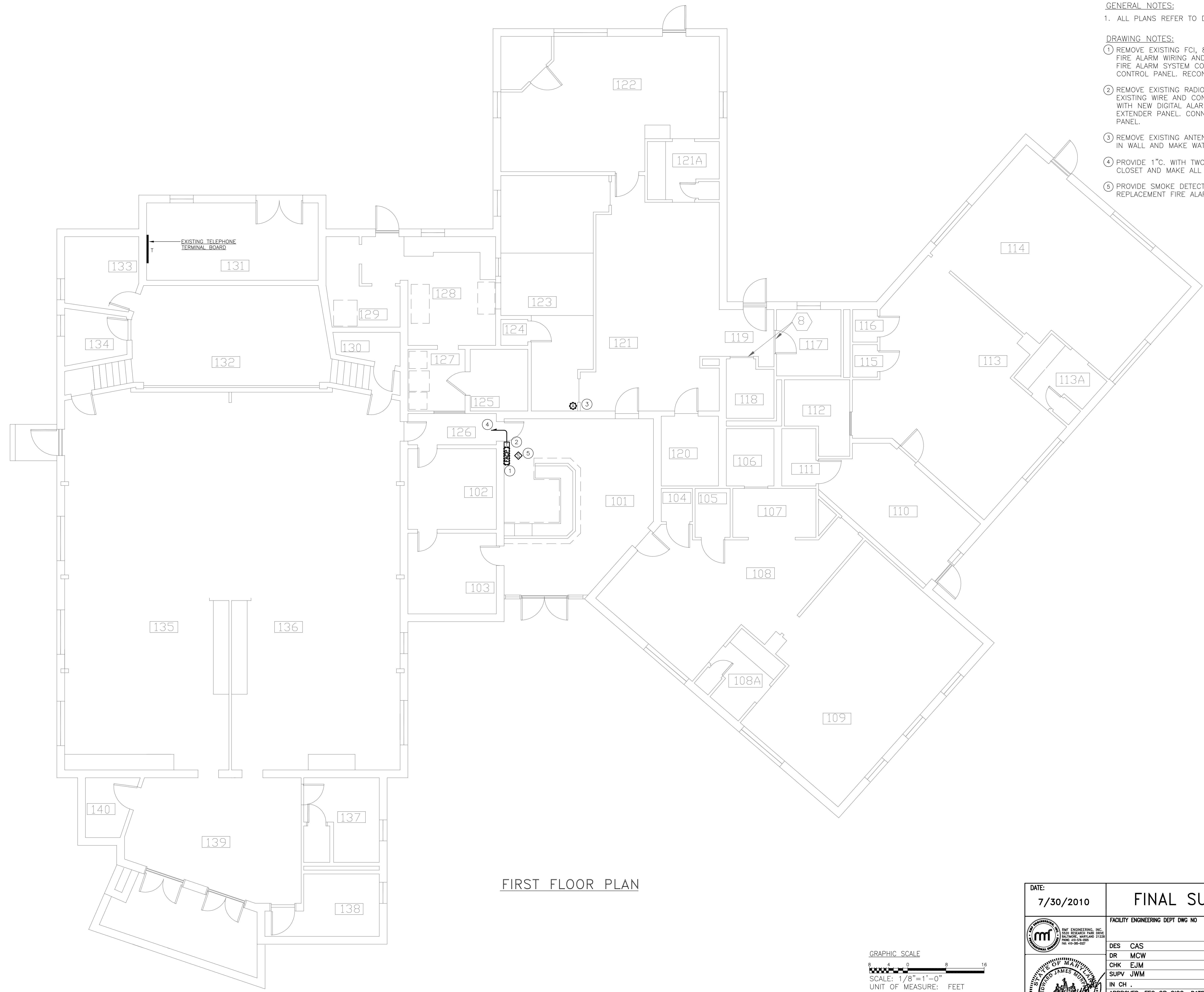


HV-PRO-107266-A1-WREF

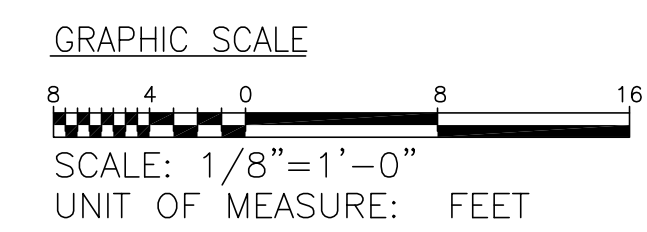
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING FCI, B ZONE FIRE ALARM CONTROL PANEL. EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.92
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY	PUBLIC WORKS DIVISION
DES CAS	MARINE CORPS BASE, CAMP LEJEUNE, N.C.	
DR MCW	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
CHK EJM	BUILDING NO. LCH4025 FIRST FLOOR FIRE ALARM SYSTEM	
SUPV JWM	SIZE	CODE IDENT NO
IN CH .	F	60006452
APPROVED: FEO OR OICC DATE	NAVFAC DRAWING NO.	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SATISFACTORY TO DATE	60006452	09-0093
	SCALE NOTED	SPEC 09-0093
		SHEET 95 OF 102

HV-PRO-1070266A1\XREF

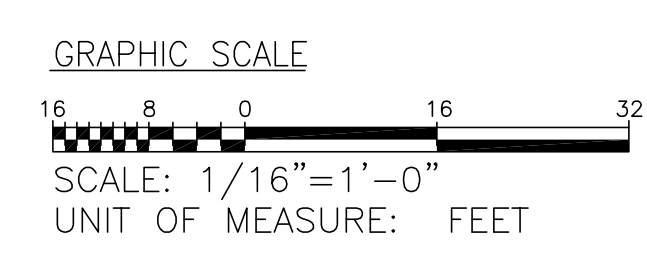


REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

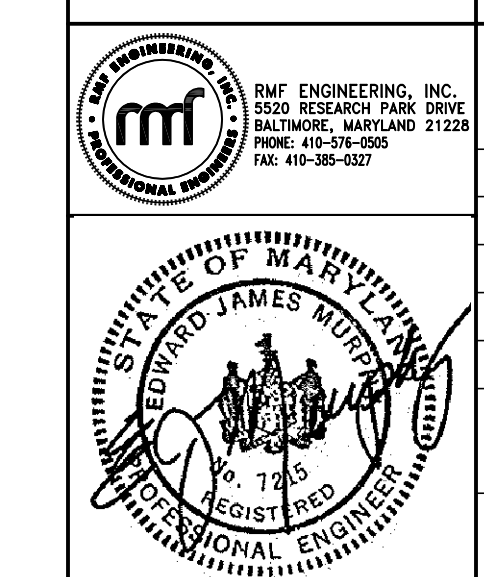
GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- ① REMOVE EXISTING SIMPLEX 4005 FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ NOT USED.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.

FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.93
FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY MARINE CORPS BASE, CAMP LEJEUNE, N.C.	PUBLIC WORKS DIVISION
DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS	
DR MCW	BUILDING NO. M107 FIRST FLOOR FIRE ALARM SYSTEM	
CHK EJM	NAVAC DRAWING NO. 60006453	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
SUPV JWM	SIZE F	SHEET 96 OF 102
IN CH .	APPROVED: FEO OR OICC DATE	SCALE NOTED SPEC 09-0093
SATISFACTORY TO	DATE	

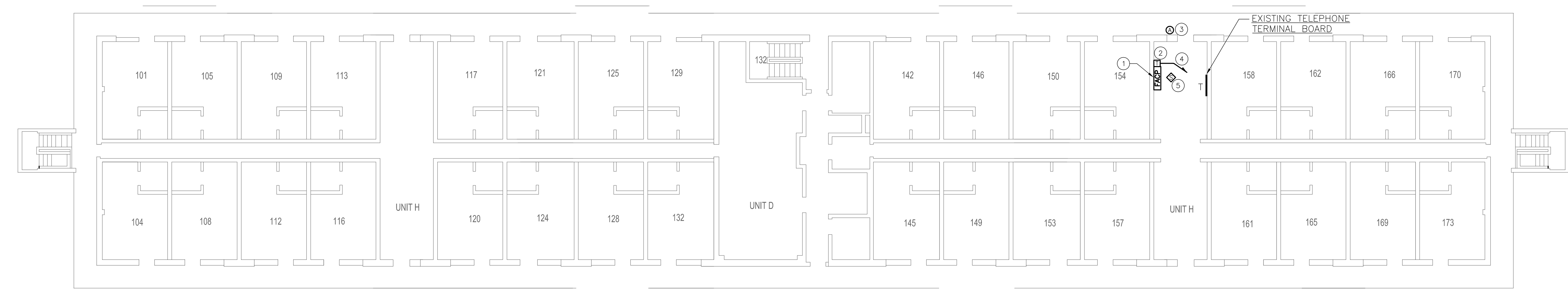


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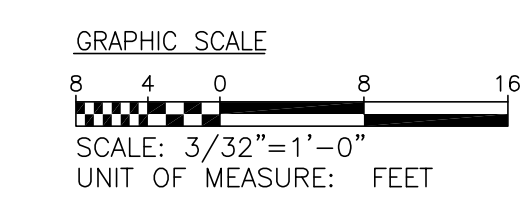
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


- GENERAL NOTES:
- SIMILAR FOR BUILDINGS M435, M440, M445 AND M450.
 - ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

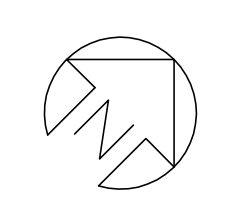
- DRAWING NOTES:
- REMOVE EXISTING NOTIFIER, 12 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.94
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006454
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 97 OF 102

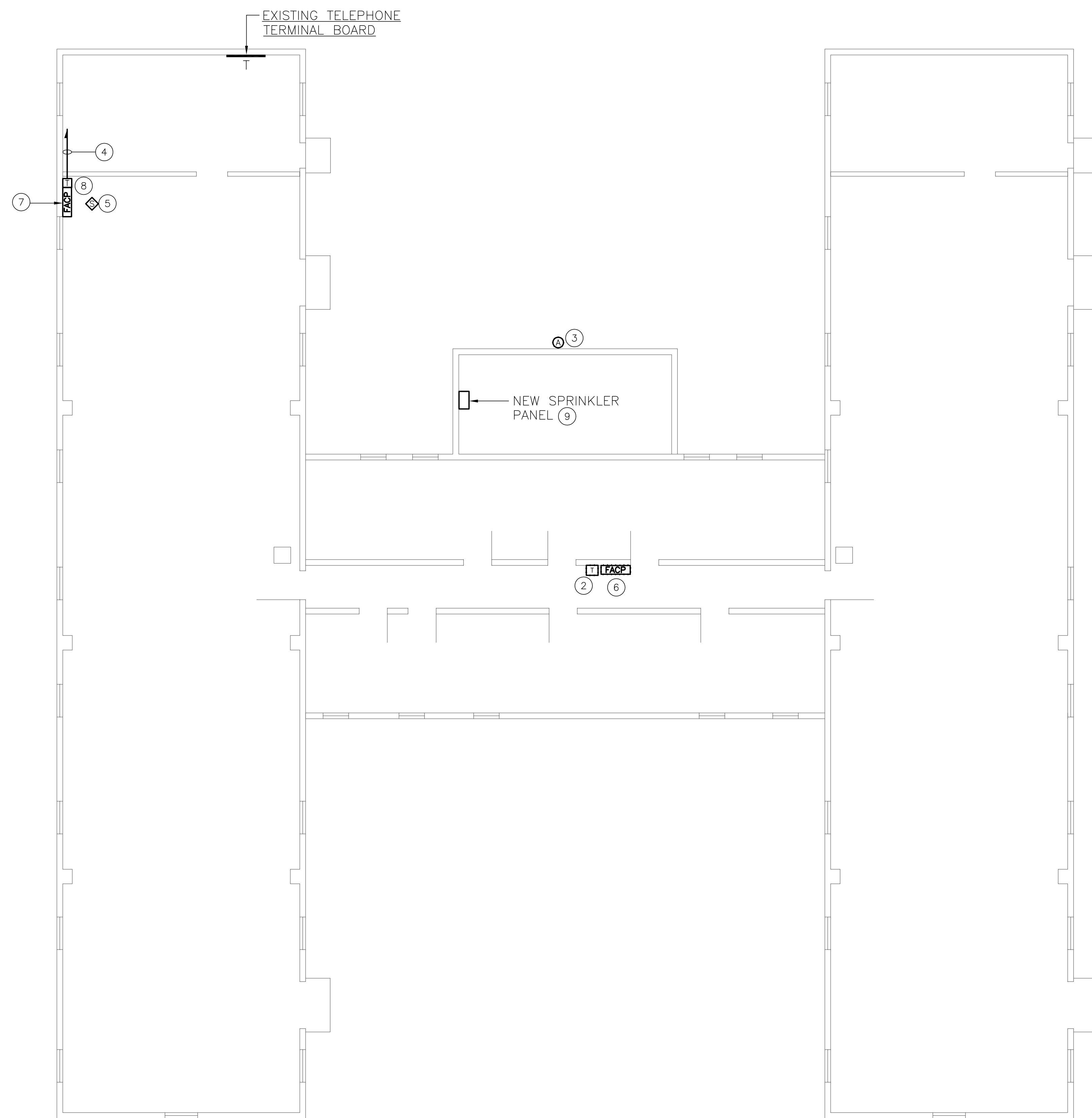


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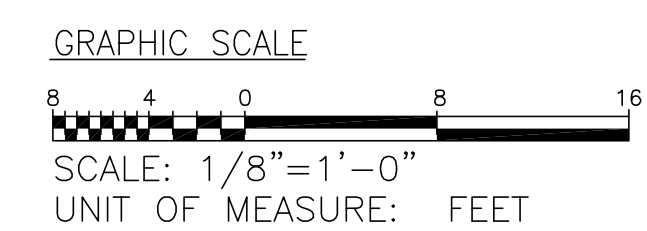
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

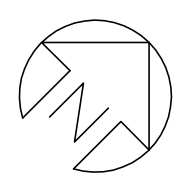
- DRAWING NOTES:
- ① REMOVE EXISTING NOTIFIER, 7 ZONE FIRE ALARM CONTROL PANEL.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.
 - ⑥ PROVIDE WIREWAY FOR TERMINATION AND EXTENSION OF EXISTING FIRE ALARM CIRCUITS AND EXISTING 120V. POWER SOURCE. PAINT WIREWAY RED AND IDENTIFY AS "FIRE ALARM".
 - ⑦ NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ⑧ NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ⑨ CONNECT EXISTING FLOW AND TAMPER SWITCHES TO PANEL. CONNECT PANEL TO NEW FACP.



FIRST FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.95
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVAC DRAWING NO. 60006455
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SHEET 98 OF 102



H:\PROJ\070266\A\XREF

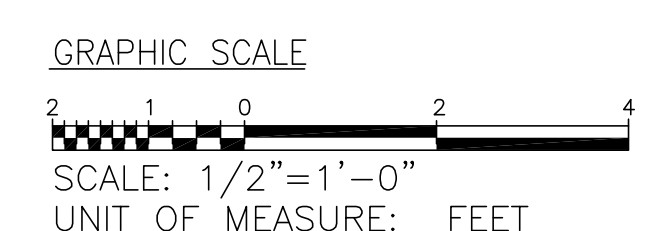
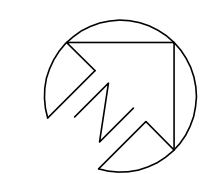
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02

- DRAWING NOTES:
- ① REMOVE EXISTING FCI, 14 ZONE FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - ② REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - ③ REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - ④ PROVIDE 1" C WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - ⑤ PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



GROUND FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.96
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS	DR MCW	CHK EJM
SUPV JWM	IN CH .	APPROVED: FEO OR OICC DATE
SATISFACTORY TO	DATE	SIZE CODE IDENT NO
		F .
		NAVFAC DRAWING NO. 60006456
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 99 OF 102

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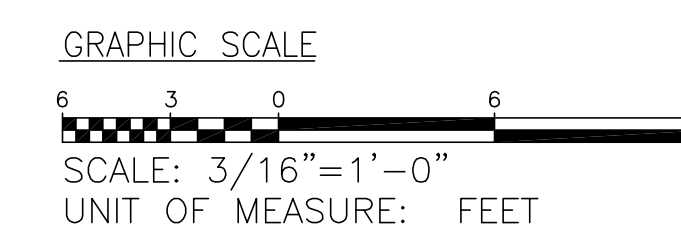
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED


GENERAL NOTES:
 1. ALL PLANS REFER TO DETAIL DRAWINGS E4.01 AND E4.02.

- DRAWING NOTES:
- REMOVE EXISTING SIMPLEX 4006 FIRE ALARM CONTROL PANEL, EXISTING FIRE ALARM WIRING AND 120V. POWER TO REMAIN. REPLACE EXISTING FIRE ALARM SYSTEM CONTROL PANEL WITH NEW ADDRESSABLE CONTROL PANEL. RECONNECT ALL EXISTING WIRING.
 - REMOVE EXISTING RADIO FREQUENCY TRANSMITTER. REMOVE EXISTING WIRE AND CONDUIT. REPLACE EXISTING TRANSMITTER WITH NEW DIGITAL ALARM COMMUNICATOR TRANSMITTER AND EXTENDER PANEL. CONNECT TO NEW FIRE ALARM CONTROL PANEL.
 - REMOVE EXISTING ANTENNA, WIRE AND CONDUIT. REPAIR OPENING IN WALL AND MAKE WATERTITE.
 - PROVIDE 1" C. WITH TWO CAT5E CABLES TO TELEPHONE TERMINAL CLOSET AND MAKE ALL FINAL CONNECTIONS.
 - PROVIDE SMOKE DETECTOR ON CEILING ADJACENT TO THE REPLACEMENT FIRE ALARM CONTROL PANEL.



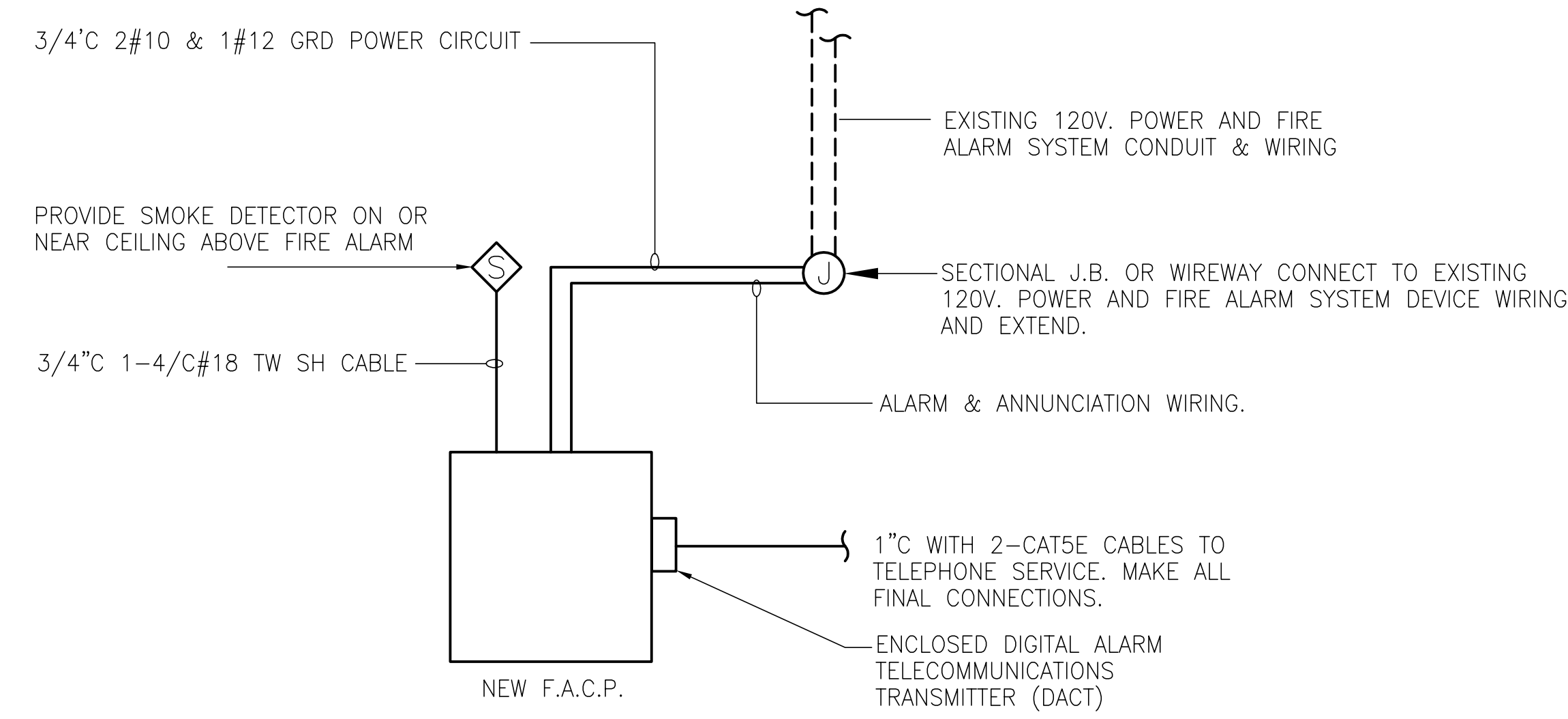
FIRST FLOOR FLOOR PLAN



DATE: 7/30/2010	FINAL SUBMISSION	E1.97
 M&E ENGINEERING, INC. 2200 W. MARKET STREET WILMINGTON, N.C. 28403 PHONE: 910-338-0000 FAX: 910-338-0007	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
DES CAS DR MCW CHK EJM SUPV JWM IN CH .		MARINE CORPS BASE, CAMP LEJEUNE, N.C.
APPROVED: FEO OR OICC DATE		UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
SATISFACTORY TO DATE		BUILDING NO. TT-2475 FIRST FLOOR FIRE ALARM SYSTEM
	SIZE F	NAVFAC DRAWING NO. 600064557
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
	SCALE NOTED SPEC	09-0093 SHEET 100 OF 102

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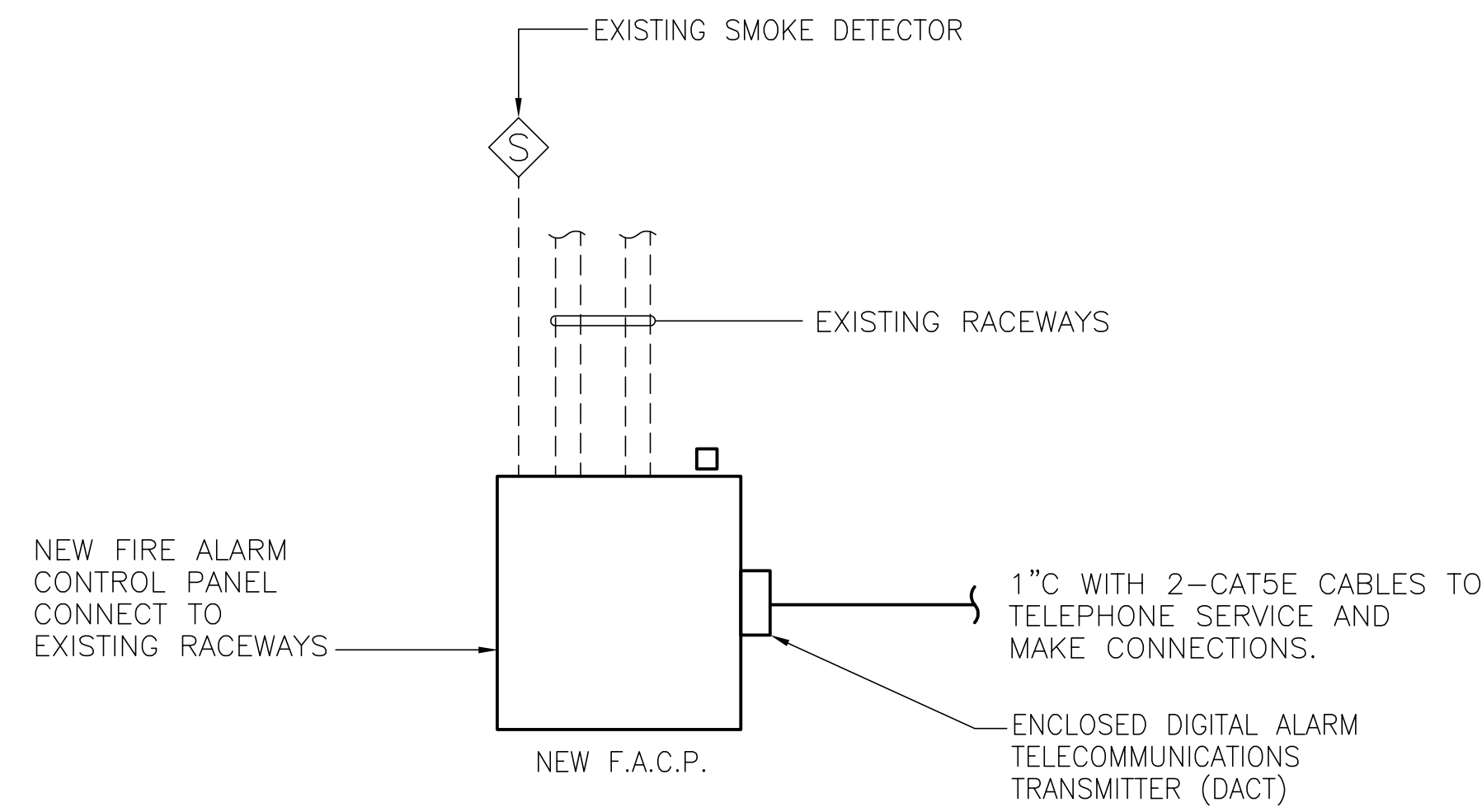
REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED



DETAIL A
SCALE: NONE

DETAIL A NOTES:

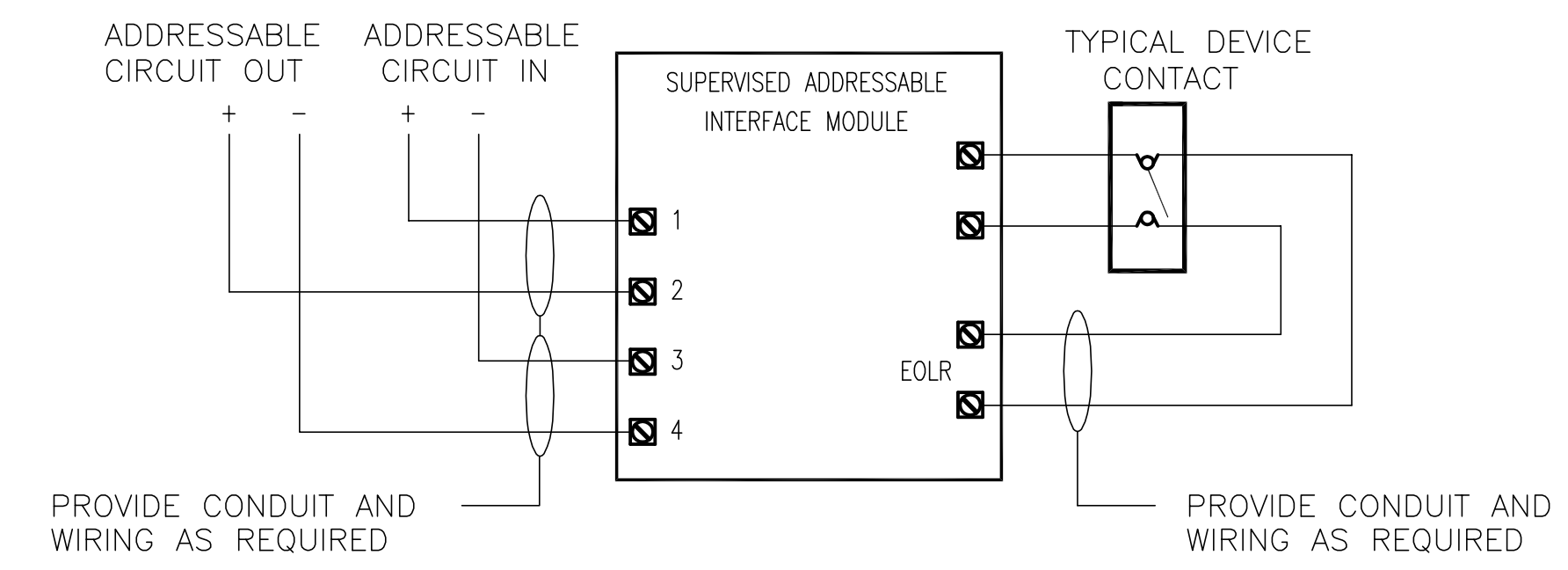
- DETAIL "A" INDICATES A REPLACEMENT FIRE ALARM CONTROL PANEL AND D.A.C.T. BEING INSTALLED IN A LOCATION DIFFERENT FROM THE ORIGINAL FIRE ALARM CONTROL PANEL.
- RACEWAYS EXPOSED ON FINISHED WALLS SHALL BE SURFACE METAL RACEWAYS.



DETAIL B
SCALE: NONE

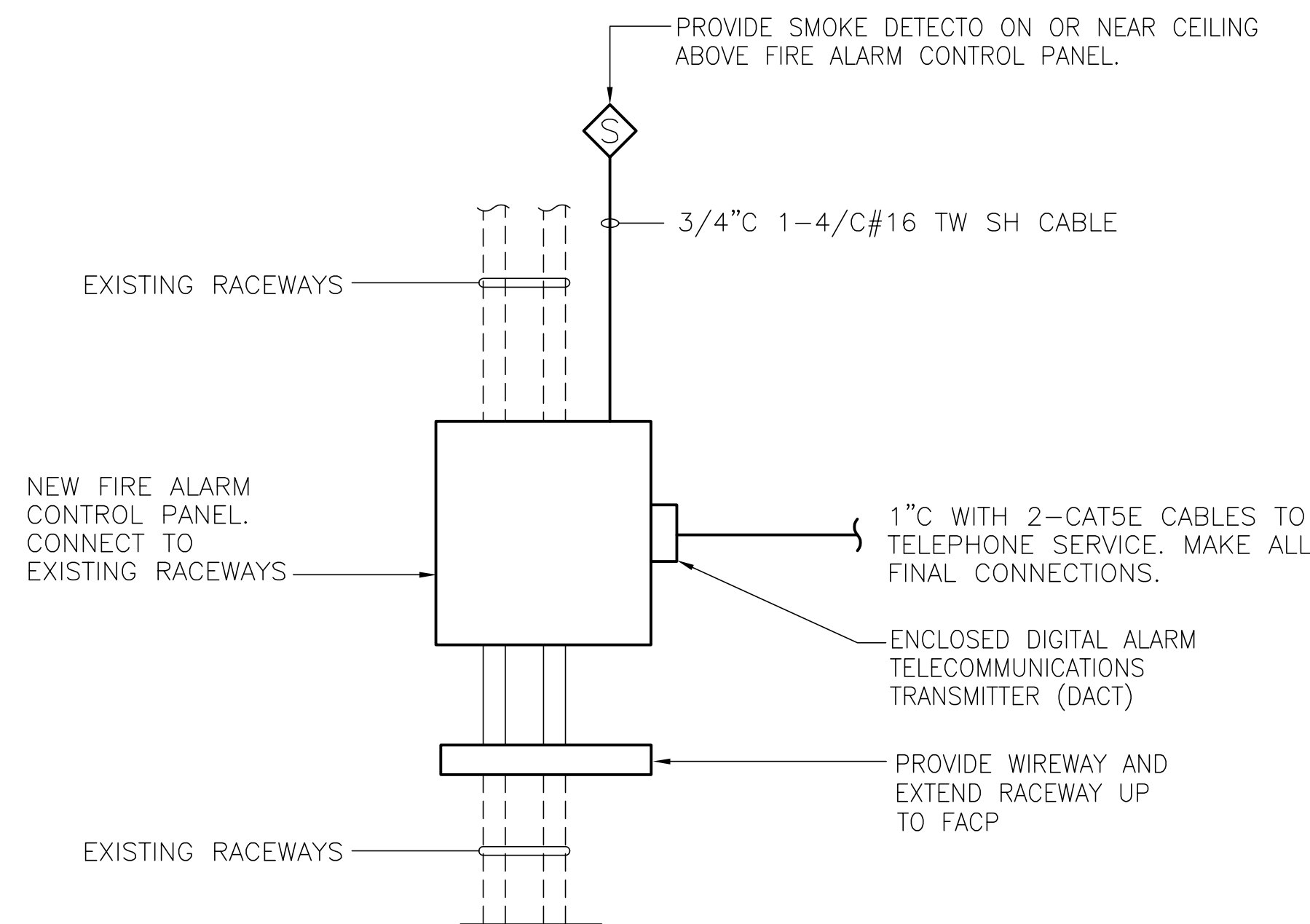
DETAIL B NOTES:

- DETAIL "A" INDICATES A REPLACEMENT FIRE ALARM CONTROL PANEL AND D.A.C.T. BEING INSTALLED IN SAME LOCATION AS ORIGINAL FIRE ALARM CONTROL PANEL.
- RACEWAYS EXPOSED ON FINISHED WALLS SHALL BE SURFACE METAL RACEWAYS.



- NOTES:**
- PROVIDE ADDRESSABLE INTERFACE MODULE TO INTERFACE NEW DEVICES TO THE NEW SYSTEM. CONNECT TO THE ADDRESSABLE CIRCUIT SERVING THE BUILDING SECTION.
 - PROVIDE WIRING AND CONDUIT AS REQUIRED. COORDINATE WITH THE FIRE ALARM SYSTEM MANUFACTURER FOR ADDITIONAL INTERFACE EQUIPMENT REQUIRED.

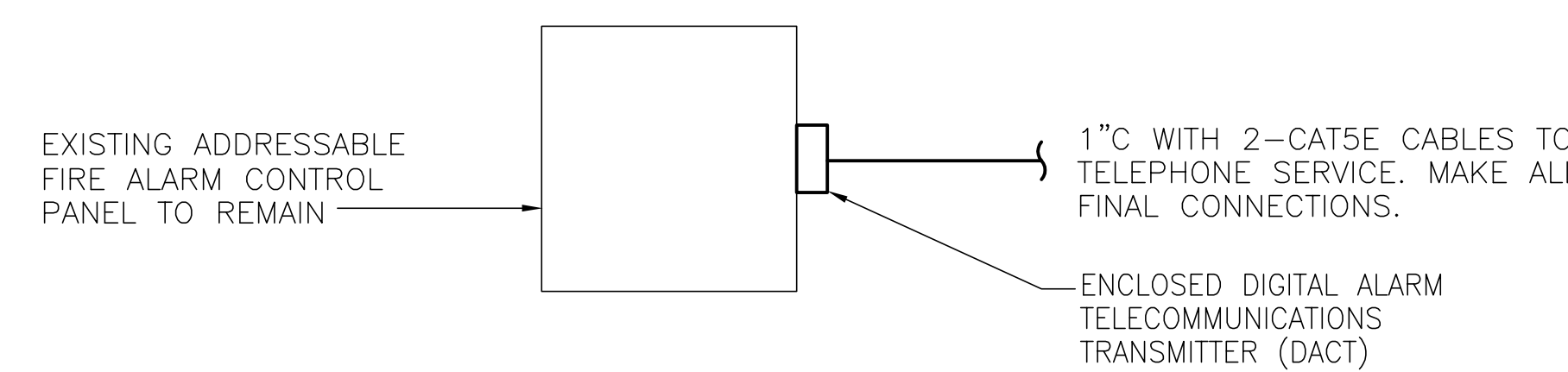
TYPICAL ADDRESSABLE INTERFACE MONITOR MODULE DETAIL
SCALE: NONE



DETAIL B1
SCALE: NONE

DETAIL B1 NOTES:

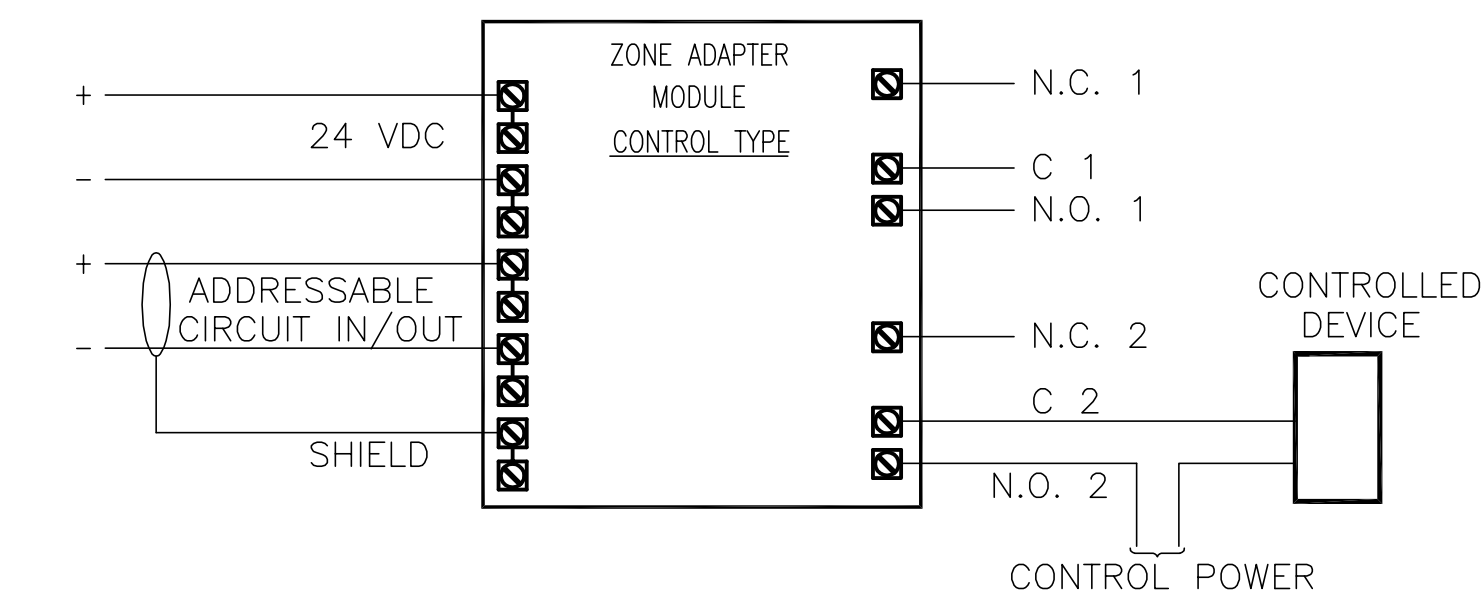
- DETAIL "B1" INDICATES A REPLACEMENT FIRE ALARM CONTROL PANEL AND D.A.C.T. BEING INSTALLED IN SAME LOCATION AS ORIGINAL FIRE ALARM CONTROL PANEL AND THE INSTALLATION OF A SMOKE DETECTOR.
- RACEWAYS EXPOSED ON FINISHED WALLS SHALL BE SURFACE METAL RACEWAYS.



DETAIL C
SCALE: NONE

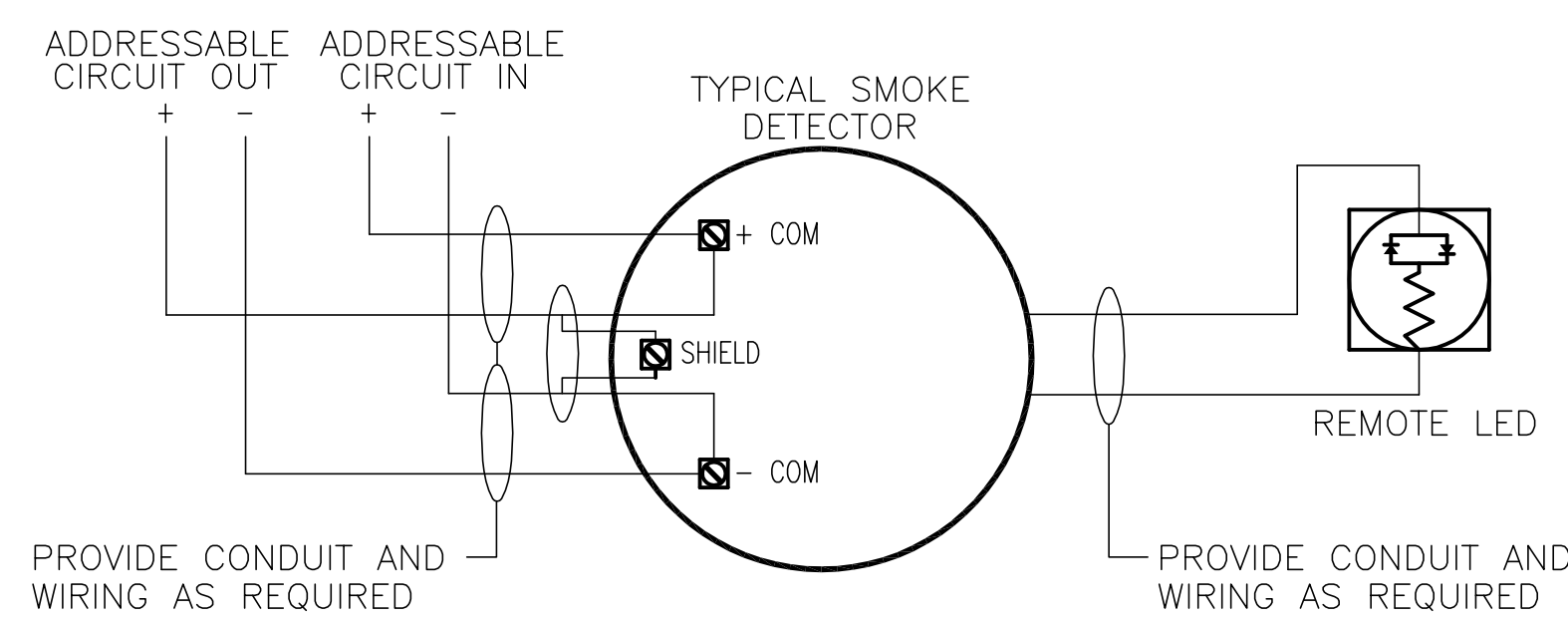
DETAIL C NOTES:

- DETAIL "A" INDICATES THE EXISTING FIRE ALARM CONTROL PANEL REMAIN IN PLACE FOR REUSE AND A NEW DIGITAL ALARM TELECOMMUNICATIONS TRANSMITTER TO BE PROVIDED.

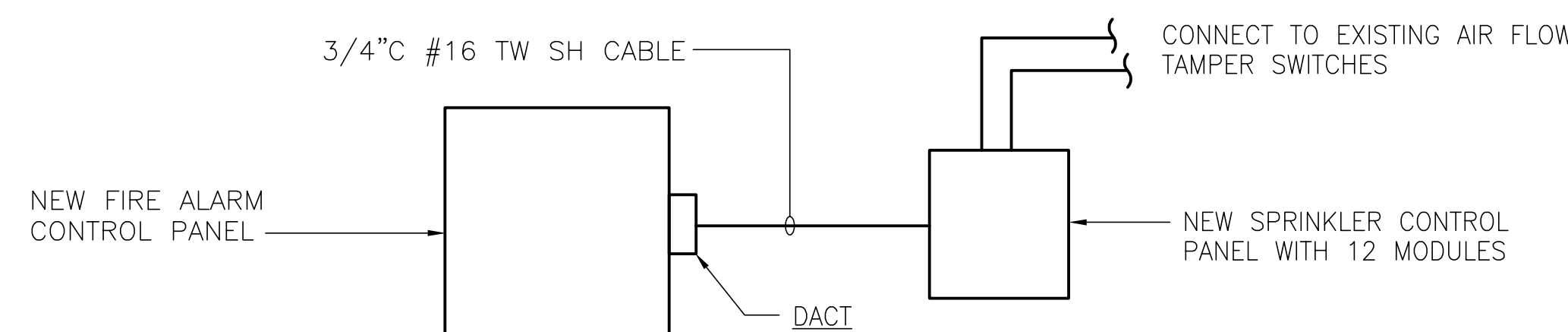


- NOTES:**
- PROVIDE ADDRESSABLE CONTROL MODULES TO INTERFACE NEW CONTROL EQUIPMENT (IE: FAN SHUTDOWN, ELEVATOR RECALL, DOOR RELEASE) TO THE NEW FIRE ALARM SYSTEM AS REQUIRED.
 - PROVIDE POWER SUPPLIES, INTERFACE MODULES, TRANSFORMERS, CONTROL RELAYS. WIRING AND CONDUIT AS REQUIRED. COORDINATE WITH FIRE ALARM SYSTEM MANUFACTURER FOR ADDITIONAL INTERFACE EQUIPMENT REQUIRED.

TYPICAL ADDRESSABLE INTERFACE CONTROL MODULE DETAIL
SCALE: NONE




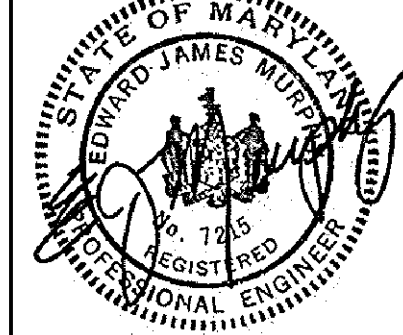
- NOTES:**
- PROVIDE NEW AREA SMOKE DETECTORS AS INDICATED ON THE DRAWINGS. CONNECT NEW DEVICES TO THE ADDRESSABLE CIRCUIT SERVING THE FLOOR, AS REQUIRED.
 - PROVIDE WIRING, CONDUIT AND MOUNTING HARDWARE, AS REQUIRED.



DETAIL D
SCALE: NONE

DETAIL D NOTES:

- DETAIL "D" INDICATES PROVIDING REMOTE PANELS EXISTING SPRINKLER SYSTEMS.

DATE: 7/30/2010	FINAL SUBMISSION	E4.01
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
	DES CAS DR MCW CHK EJM SUPV JWM	MARINE CORPS BASE, CAMP LEJEUNE, N.C.
	IN CH .	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
	APPROVED: FEO OR OICC DATE	FIRE ALARM DETAILS
	SATISFACTORY TO DATE	NAVFAC DRAWING NO. 60006458
		CONSTRUCTION CONTRACT NO. N40085-09-B-0093
		SCALE NOTED SPEC 09-0093 SHEET 101 OF 102

HV-PROJ1070266-A1\XREF

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES

- THESE DRAWINGS AND THE SPECIFICATIONS ARE THE CONSTRUCTION DOCUMENTS FOR THE UPGRADE OF THE INTERIOR FIRE ALARM SYSTEM AT THE BUILDINGS LISTED BELOW THE UPGRADED FIRE ALARM NEW FIRE ALARM SYSTEM SHALL FOLLOW THE REQUIREMENTS OF STANDARDS LISTED IN THE SPECIFICATION, NAMELY NFPA 72.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL FIRE ALARM SYSTEM COMPONENTS & DEVICES, WIRING, CONDUIT, MOUNTING HARDWARE, SYSTEM TESTING AND TRAINING.
- THIS PROJECT SHALL INCLUDE THE INSTALLATION OF A NEW ADDRESSABLE FIRE ALARM CONTROL PANELS. IN ADDITION, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH OTHER TRADES FOR INTERCONNECTION TO TO OTHER EXISTING BUILDING SYSTEMS. FIRE PROTECTION, ELECTRICAL, ETC.) AND THE BASE - WIDE FIRE ALARM SYSTEM CENTRAL MONITORING LOOP.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL A AUTO DIALER FOR FIRE ALARM SYSTEM RE-TRANSMISSIONS TO AN APPROVED CENTRAL STATION SERVICE. CONDITIONS TO BE RE-TRANSMITTED INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: MANUAL PULL STATION ALARM, SMOKE DETECTION ALARM, TROUBLE, SUPERVISORY, AND WATERFLOW. THE DACT SHALL BE SIZED FOR A MINIMUM OF 20 POINTS FOR FUTURE BUILDING EXPANSION PRIOR TO INSTALLATION COORDINATE WITH OWNER.
- FIRE ALARM SYSTEM (120VAC) POWER SHALL BE OBTAINED FROM THE EXISTING FIRE ALARM CONTROL PANEL.
- ALL FIRE ALARM LOW VOLTAGE WIRING SHALL BE CERTIFIED TEFLON JACKETED FIRE ALARM CABLE. FIRE ALARM CABLE MAY BE INSTALLED UNPROTECTED BY CONDUIT WHEN CONCEALED FROM VIEW, PROTECTED BY THE BUILDING CONSTRUCTION. ALL WIRING WITH MECHANICAL AND ELEVATOR MACHINE ROOMS SHALL BE INSTALLED IN CONDUIT. WHEN CONDUITS RUN WITHIN 8 FT. OF FINISHED FLOOR, THE CONDUIT SHALL BE RIGID GALVANIZED STEEL. PROVIDE APPROVED FIRE STOPPING MATERIAL FOR ALL FLOOR, WALL AND BARRIER PENETRATIONS TO MAINTAIN FIRE/SMOKE RATINGS. ALL FAS CONDULETS, JUNCTION BOXES AND TERMINAL BOXES SHALL BE PAINTED FIRE DEPARTMENT RED.
- THE BASE CONTRACTOR SHALL INCLUDE A CONCEALED CONDUIT & CABLE INSTALLATION. ALL FIRE ALARM DEVICES AND FIELD CIRCUITS IN OCCUPIED AREAS ON THE FLOORS, SHALL BE RECESSED AND CONCEALED. SURFACE MOUNTING OF DEVICES AND CONDUIT SHALL BE PERMITTED IN UN-OCCUPIED AREAS SUCH AS MACHINE ROOMS, SHAFT WAYS AND OTHER UNOCCUPIED AREAS. ALL SURFACE MOUNTED DEVICE BOXES SHALL BE THE FINISHED TYPE. REFER TO DETAIL SHEETS FOR FURTHER INFORMATION.
- BATTERY BACKUP SHALL BE PROVIDED FOR THE NEW FIRE ALARM CONTROL PANELS, TRANSDUCER, AMPLIFIER PANELS AND ANNUNCIATORS. BATTERIES SHALL BE SIZED FOR 24 HOURS OF SUPERVISION OF ALL SYSTEM COMPONENTS AND DEVICES FOLLOWED BY 15 MINUTES OF FULL SYSTEM ALARM.
- DURING INSTALLATION THE ELECTRICAL CONTRACTOR SHALL TEST ALL WIRING FOR INTEGRITY (CONDUCTOR TO CONDUCTOR/CONDUCTOR TO GROUND) AFTER EACH PHASE OF WORK. AFTER ALL EQUIPMENT IS COMPLETELY INSTALLED, TESTED AND OPERATIONAL, THE FACP SHALL BE PROGRAMMED AND ALL DOP'S SHALL BE TESTED AND THE WIRING RE-TESTED FOR INTEGRITY.
- ALL AREA SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72.
- THE FIRE ALARM CONTRACTOR SHALL PROVIDE ADEQUATE SIGNAGE DURING THE CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM, TO CLEARLY IDENTIFY WHICH FIRE ALARM DEVICES ARE IN SERVICE AND/OR OUT OF SERVICE. SIGNAGE SHALL REMAIN POSTED UNTIL THE NEW SYSTEM IS ACCEPTED AND THE EXISTING SYSTEM IS REMOVED.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PATCHING OF SURFACES DAMAGED BY INSTALLATION OF NEW EQUIPMENT OR REMOVAL OF EXISTING EQUIPMENT. ALL FLOOR AND WALL PENETRATIONS SHALL BE FILLED WITH AN APPROVED FIRE STOPPING MATERIAL. THE CONTRACTOR SHALL COORDINATE AL PATCHING AND LOCATION OF EQUIPMENT WITH THE CM. THE CM SHALL SCHEDULE AND APPROVE ALL WORK.
- ALL WORK, WIRING, CONDUIT AND EQUIPMENT INSTALLATIONS SHALL MEET ALL APPLICABLE CODES REFERENCED IN BID SPECIFICATIONS AND SHALL BE CONSISTENT WITH MANUFACTURER'S SPECIFICATIONS. ALL WIRING AND CONDUIT REQUIREMENTS SHALL BE VERIFIED WITH THE FIRE ALARM CONTRACTOR AND MANUFACTURER.
- UPON COMPLETION OF THE ALL WORK, THE CONTRACTOR SHALL SUBMIT THREE (3) COMPLETE SETS OF "AS-BUILT" DRAWINGS AND AUTOCAD R14 ELECTRONIC FILES OF THE NEW FIRE ALARM SYSTEM TO THE CM.
- UPON COMPLETION OF THE CONTRACT, THE FIRE ALARM CONTRACTOR SHALL UPDATE THE BASE MONITORING SYSTEM TO INCLUDE THIS NEW FIRE ALARM SYSTEM. ALL PROGRAMMING, SOFTWARE, AND GRAPHIC UPDATES SHALL BE REQUIRED. IN ADDITION, ALL SOFTWARE ACCESS CODES SHALL BE PROVIDED TO THE OWNER AT THE COMPLETION OF THE PROJECT.
- UPON REVIEW OF CONSTRUCTION DOCUMENTS AND PRIOR TO THE SUBMISSION OF PROPOSALS, THE CONTRACTORS SHALL INFORM THE CM OF ANY DISCREPANCIES OR REQUEST CLARIFICATIONS, IF NECESSARY, CONCERNING THE INTENT OF THE PLANS AND SPECIFICATIONS.
- WHERE POSSIBLE THE CONTRACTOR SHALL INSTALL ALL NEW EQUIPMENT AND MATERIAL BEFORE REMOVING EXISTING FIRE ALARM PANEL.

SEQUENCE OF FIRE ALARM SYSTEM OPERATIONS

ALL NEW ADDRESSABLE CONTROL PANELS SHALL BE PROVIDED WITH THE FOLLOWING FUNCTIONS, EVEN IF AN EXISTING BUILDING DOES NOT PRESENTLY CONTAIN ALL EQUIPMENT. WHERE ADDRESSABLE PANELS ARE BEING CONNECTED TO NON-ADDRESSABLE SYSTEMS THE CONTROL PANEL SHALL BE PROVIDED WITH ALL CARDS AND MODULES REQUIRED FOR A COMPLETE FUNCTIONING SYSTEM.

- A GENERAL DESCRIPTION OF THE SEQUENCE OF OPERATION IS PROVIDED HERE FOR REFERENCE. REFER TO THE SPECIFICATIONS FOR THE REQUIRED DETAILED SEQUENCE OF OPERATION TO BE PROVIDED BY THE NEW FAS SYSTEM AND FOR DETAILED DESCRIPTION OF CONTRACTOR'S RESPONSIBILITIES.
- FIRE ALARM SYSTEM INITIATING DEVICES TO INCLUDE THE FOLLOWING:
 - MANUAL PULL STATIONS.
 - WATERFLOW SWITCHES.
 - DUCT MOUNTED SMOKE DETECTORS.
 - AREA SMOKE DETECTORS.
 - AREA HEAT DETECTORS.
 - ANSUL KITCHEN SYSTEMS (WHERE APPLICABLE).
 - PRE-ACTION SPRINKLER SYSTEMS (WHERE APPLICABLE).
- WHEN ANY AUTOMATIC ALARM INITIATING DEVICE INITIATES AN ALARM, PROVIDE AUTOMATIC FIRE MANAGEMENT SEQUENCES TO ACHIEVE THE FOLLOWING:
 - ANNUNCIATE, DISPLAY AND PRINT OUT ALARM WITH TIME AT FACP.
 - ANNUNCIATE, DISPLAY AND PRINT OUT ALARM WITH TIME AT REMOTE ANNUNCIATOR AND PRINTER, AND ANNUNCIATE ON THE BASE NETWORK.
 - ANNUNCIATE AND DISPLAY ALARM CONDITION ON THE BASE GRAPHIC SYSTEM(S).
 - SOUND ALARM OVER HORNS AND ACTIVATE STROBES THROUGHOUT THE BUILDING.
 - ACTIVATE THE APPROPRIATE AUDIBLE BELL AT THE FACP - TEN (10) INCH BELL FOR WATERFLOW SW (6) INCH BELL FOR ALL OTHER ALARM CONDITIONS.
 - INDICATE WHAT KIND OF DEVICE HAS BEEN ACTIVATED AND ITS PRECISE LOCATION AND NAME.
 - TRANSMIT ALARM TO CENTRAL STATION VIA DACT.
 - SHUTDOWN ALL 'NON-CRITICAL' SUPPLY AND RETURN FANS SERVING THE BUILDING, FAN UNITS SHALL NOT AUTOMATICALLY RESTART WHEN THE FACP IS RESET.
 - ACTIVATE THE APPROPRIATE DAMPER ISOLATION SHALL BE PROVIDED TO SHUT FIRE SMOKE DAMPERS IN THE AFFECTED ZONE (ZONE IN ALARM); (I.E.: NORTH OR SOUTH FLOOR SMOKE ZONE).
 - SEND ALARM SIGNAL TO THE SECURITY ROOM.
 - RELEASE ALL DOORS LOCKED VIA THE SECURITY SYSTEM.
 - ACTIVATION OF AN ELEVATOR LOBBY SMOKE DETECTOR OR AN ELEVATOR MACHINE ROOM SMOKE DETECTOR SHALL INITIATE PHASE-I ELEVATOR RECALL FOR ALL ASSOCIATED ELEVATORS TO THE STREET LEVEL WITHOUT STOPPING.
- WHEN ANY FIRE ALARM DEVICE INITIATES A SUPERVISORY OR TROUBLE CONDITION, PROVIDE AUTOMATIC FIRE MANAGEMENT SEQUENCES TO ACHIEVE THE FOLLOWING:
 - ANNUNCIATE, DISPLAY AND PRINT OUT CONDITION WITH TIME AT FACP.
 - ANNUNCIATE, DISPLAY AND PRINT OUT CONDITION WITH TIME AT REMOTE ANNUNCIATOR AND PRINTER, AND ANNUNCIATE ON THE BASE NETWORK.
 - ANNUNCIATE AND DISPLAY ALARM CONDITION ON THE GRAPHIC SYSTEM DISPLAY.
 - INDICATE WHAT KIND OF DEVICE HAS BEEN ACTIVATED AND ITS PRECISE LOCATION AND NAME.
 - TRANSMIT SIGNAL TO CENTRAL STATION VIA DACT.
 - ACTIVATE THE (4) INCH BELL FOR TROUBLE OR OTHER SUPERVISORY CONDITION.
- PROVIDE OPERATORS CAPABILITY AT THE FIRE ALARM CONTROL PANEL TO OVERRIDE AUTOMATIC SEQUENCES MANUALLY THROUGH KEYPAD, SWITCHES OR GRAPHIC DISPLAY TO:
 - INITIATE GENERAL OR SELECTIVE ALARMS TO EACH BUILDING SECTION AND EACH ELEVATOR CAR.
 - MANUAL ACTIVATE DACT TRANSMITTER FOR ALARM.
 - MANUAL SEND SIGNAL TO AHU'S FOR FAN RESTART.
- AFTER AN ALARM HAS BEEN CLEARED AND THE FAS RESET, THE MANUAL ACTIVATION OF A HVAC FAN RESTART SWITCHES SHALL BE AVAILABLE.

CABLE TYPE LEGEND

ID	DESCRIPTION	TYPE	ID	DESCRIPTION	TYPE
A			M		
B			N		
C			P	MAIN SYSTEM GROUND	#10 COND.
D	TELEPHONE	CAT5E	R	120VAC POWER	3 #10 COND.
E			S		
F	ADDRESSABLE CIRCUIT	#16 T.S.P.	T		
G			U		
H			W		
J			X		
K	RELAY/MONITOR CIRCUIT	#16 T.S.P.	Y		
L			Z	RS-232 SERIAL	AS REQ.


ABBREVIATIONS

ADDR.	ADDRESSABLE	FAS	FIRE ALARM SYSTEM
AFF	ABOVE FINISHED FLOOR	FL	FLOOR
C.	CONDUIT	FT.	FEET
CL.	CLOSET	NYPH	NEW YORK PRESBYTERIAN HOSPITAL
CM.	CONSTRUCTION MANAGER	PR.	PAIR
COND.	CONDUCTOR	T.P.	TWISTED PAIR
DWG.	DRAWING	T.S.P.	TWISTED SHIELDED PAIR
EC	ELECTRICAL CONTRACTOR	S.P.	SHIELDED PAIR
ELEC	ELECTRIC		
EMR	ELEVATOR MACHINE ROOM		
FAC	FIRE ALARM CONTRACTOR		
FAP	FIRE ALARM PANEL		
FACP	FIRE ALARM CONTROL PANEL		

FIRE ALARM INPUT

	ACTIVATE AUDIBLE BS EVACUATION THROUGHOUT BUILDING	ACTIVATE AUDIO CIRCUITS AND BROADCAST MNS MESSAGE	ACTIVATE VISUAL "ALERT" STROBES THROUGHOUT BUILDING	DISABLE NON-EMERGENCY LIVE PAGING FEATURE	ALARM CONDITION AT FACU	SUPERVISORY CONDITION AT FACU
AUTOMATIC SPRINKLER FLOW SWITCH	•	•	•	•		
AUTOMATIC SPRINKLER SYSTEM TAMPER SWITCH					•	
FACU CIRCUIT FAULT (OPEN, GROUND, SHORT) OR OTHER TROUBLE CONDITION	•	•	•	•		
PRIMARY AC POWR LOSS				•		
DUCT DETECTOR			•	•		
ELEVATOR LOBBY OR EMR SMOKE DETECTOR	•	•	•	•		
SPRINKLER PRESSURE LOSS					•	
MASS NOTIFICATION						
ACU/LOC EMERGENCY LIVE PAGING (1) OR ACU/LOC EMERGENCY PRE-RECORDED MESSAGE SELECT (1,2)		•	•			
ACU/LOC NON-EMERGENCY PRE-RECORDED MESSAGE SELECT (2)		•				
ACU/LOC PRE-RECORDED "ALL CLEAR" (1)		•				
WIDE AREA MNS NON-EMERGENCY MESSAGE BROADCAST (2)		•				
WIDE AREA MNS EMERGENCY MESSAGE BROADCAST (1,2)		•	•			
NON-EMERGENCY LIVE PAGING OR DDD TELEPHONE SYSTEM NON-EMERGENCY PAGING		•				

FIRE ALARM INPUT-OUTPUT MATRIX

DATE: 7/30/2010	FINAL SUBMISSION	E4.02
	FACILITY ENGINEERING DEPT DWG NO	DEPT OF NAVY PUBLIC WORKS DIVISION
		MARINE CORPS BASE, CAMP LEJUNE, N.C.
	DES CAS	UPGRADE AND REPLACE FIRE ALARM SYSTEMS, VARIOUS BUILDINGS
	DR MCW	
	CHK EJM	
	SUPV JWM	
	IN CH .	FIRE ALARM SYSTEM NOTES & ABBREVIATION
APPROVED: FEO OR OICC DATE	SIZE	NAVFAC DRAWING NO. 60006459
SATISFACTORY TO DATE	F	CONSTRUCTION CONTRACT NO. N40085-09-B-0093
	SCALE NOTED SPEC	09-0093 SHEET 102 OF 102