INTERIOR COLOR/FINISH SCHEDULE

RM NO.	ROOM NAME	FLOOR	BASE	WAINSCOT HEIGHT	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING MATERIAL	CEILING HEIGHT	CABINETS	COUNTERS	DOORS	TRIM	REMARKS
2201	CORRIDOR	RF1/C1	RB1		VWC1	VWC1	OPEN	VWC1	ACT1	9'-0"			S1	P3	SEE NOTE 33
2202	CORRIDOR	C1	RB1		VWC1	VWC1	VWC1	VWC1	ACT1	9'-0"			S1	P3	
2203	CORRIDOR	C1	RB1		VWC1	VWC1	VWC1	VWC1	ACT1	9'-0"			S1	P3	
2204	STAIR	RF1, 2	RB1		P1	P1	P1	P1	GWB-P2	VARIES			S1	P3	SEE NOTE 1
2205	ELEVATOR	--	--		--	--	--	--	--	--			--	P3	SEE NOTE 11
2206	STAIR	RF1, 2	RB1		P1	P1	P1	P1	GWB-P2	VARIES			S1	P3	SEE NOTE 1
2207	STAIR	RF1, 2	RB1		P1	P1	P1	P1	GWB-P2	VARIES			S1	P3	SEE NOTE 1
2208	OUTDOOR BREAK AREA	CC1	--		CMU	CMU	CMU	CMU	OPEN	--			AB	AB	SEE SHEET A-001
2209	SCHEDULING	CPT1	RB1		AWC1	AWC1/MB4	AWC1	AWC1	ACT1	9'-0"			EXT, S1	EXT, P3	SEE NOTE 28
2210	CC	C1	RB1		VWC2	VWC2/MB1	VWC2	VWC2	ACT1	9'-0"			S1	P3	SEE NOTE 29
2211	DO AND ADO	C1	RB1		VWC2	VWC2	VWC2	VWC2/MB3	ACT1	9'-0"			S1	P3	SEE NOTE 15
2212	STORAGE	RF1	RB1		P1	P1	P1	P1	GWB-P2	9'-0"			S1	P3	
2213	MAN TRAP	CPT1	RB1		VWC1	VWC1	VWC1	VWC1	ACT1	9'-0"			S1	P3	
2214	ICADS	C1	RB1		MB7	VWC1/MB3	VWC1	VWC1/MB3	ACT1	9'-0"			S1	P3	SEE NOTE 15
2215	WORK AREA	CPT1	RB1		VWC1	VWC1	VWC1	VWC1/MB3	ACT1	9'-0"			S1	P3	SEE NOTE 15
2216	BREAK ROOM	RF1	RB1		VWC1	VWC1	VWC1	VWC1	ACT1	9'-0"	PLAM1	PLAM5	S1	P3	
2217	COMM.	RF1	RB1		P1	P1	P1	P1	GWB-P2	9'-0"			S1	P3	
2218	BRIEFING ROOM	C1	RB1		VWC1/MB3	VWC1/MB3	VWC1/MB3	VWC1/MB9	ACT1	9'-0"			S1	P3	SEE NOTE 15
2219	BRIEFING ROOM	C1	RB1		VWC1/MB3	VWC1/MB3	VWC1/MB3	VWC1/MB9	ACT1	9'-0"			S1	P3	SEE NOTE 15
2220	CORRIDOR	CPT1	RB1		OPEN	VWC1	VWC1	VWC1	ACT1	9'-0"			S1	P3	
2221	STORAGE	RF1	RB1		P1	P1	P1	P1	GWB-P2	9'-0"			S1	P3	
2222	MISSION PLANNING & AFMSS	C1	RB1		MB7	VWC1/MB3	VWC1	VWC1/MB1	ACT1	9'-0"			S1	P3	SEE NOTE 15
2223	BRIEFING ROOM	C1	RB1		VWC1/MB3	VWC1/MB9	VWC1/MB3	VWC1/MB3	ACT1	9'-0"			S1	P3	SEE NOTE 15
2224	CLASSROOM	CPT1	RB1		AWC1/MB3	AWC1/MB3	AWC1/MB3	AWC1	ACT1	9'-0"			S1	P3	SEE NOTES 15 & 30
2225	WTT 1	CPT1	RB1		VWC1	VWC1	VWC1/AP1	VWC1	ACT1	10'-0"			S1	P3	SEE NOTE 32
2226	WTT 2	CPT1	RB1		VWC1/AP1	VWC1	VWC1	VWC1	ACT1	10'-0"			S1	P3	SEE NOTE 32
2227	BRIEFING ROOM	C1	RB1		VWC1/MB3	VWC1/MB3	VWC1/MB3	VWC1/MB9	ACT1	9'-0"			S1	P3	SEE NOTE 15
2228	UPS	CONC.	RB1		P1	P1	P1	P1	GWB-P2	9'-0"			S1	P3	
2229	SECURITY	CPT1	RB1		VWC1	VWC1	VWC1	VWC1	ACT1	9'-0"			S1	P3	
2230	MEN	CT1, 4	CT3	4'-0"	CT2, 3/P1	CT2, 3/P1	CT2, 3/P1	CT2, 3/P1	GWB-P2	9'-0"	PLAM1	SS2	S1	P3	SEE NOTES 4 & 6
2231	JANITOR	CT1	CT3	4'-0"	CT2/P1	CT2/P1	CT2/P1	CT2/P1	GWB-P2	9'-0"			S1	P3	SEE NOTE 4
2232	WOMEN	CT1, 4	CT3	4'-0"	CT2, 3/P1	CT2, 3/P1	CT2, 3/P1	CT2, 3/P1	GWB-P2	9'-0"	PLAM1	SS1	S1	P3	SEE NOTES 4 & 6
2233	COMM.	RF1	RB1		P1	P1	P1	P1	GWB-P2	9'-0"			S1	P3	
2234	STORAGE	RF1	RB1		P1	P1	P1	P1	GWB-P2	9'-0"			S1	P3	
2235	MECHANICAL	CONC.	--		P1	P1	P1	P1	EXP.	--			P1	P3	
2236	BRIEFING	C1	RB1		VWC1/MB9	VWC1/MB1	VWC1/MB3	VWC1/MB1	ACT1	9'-0"			S1	P3	SEE NOTE 15
2237	ELECTRICAL	CONC.	--		P1	P1	P1	P1	GWB-P2	9'-0"			P1	P3	
2238	BRIEFING	C1	RB1		VWC1/MB3	VWC1/MB9	VWC1/MB3	VWC1/MB3	ACT1	9'-0"			S1	P3	SEE NOTE 15
2239	NOT USED	--	--		--	--	--	--	--	--			--	--	
2240	STACKS	RF1	RB1		P1	P1	P1/MB8	P1	ACT1	10'-0"			S1	P3	SEE NOTE 31
2241	LIBRARIAN	C1	RB1		FWC2	FWC2	FWC2	FWC2	ACT1	9'-0"			S1	P3	
2242	COMPUTER LAB	CPT1	RB1		P1/MB8	P1/MB8	P1/MB8	P1/MB8	ACT1	9'-0"			S1	P3	SEE NOTE 31
2243	STORAGE	RF1	RB1		P1	P1	P1	P1	GWB-P2	9'-0"			S1	P3	
2244	STUDY	C1	RB1		FWC2	FWC2	FWC2	FWC2/MB2	ACT1	9'-0"			S1	P3	SEE NOTE 15
2245	STUDY	C1	RB1		FWC2	FWC2/MB2	FWC2	FWC2	ACT1	9'-0"			S1	P3	SEE NOTE 15

BUILDING 282-SECOND FLOOR-ADDITION

FOR NOTES SEE SHEETS A-602 AND A-603

COLOR/FINISH LEGEND, CONT'D

OPEN: NO FINISH

P: PAINT (COLOR ONLY)

P1: FRAZEE, ENVIROKOTE (WALL), #8531W LOMBARDY MIST
P2: FRAZEE, ENVIROKOTE (CEILING), #8530W BLIZZARD WHITE
P3: FRAZEE, ENVIROKOTE (TRIM), #8536N BLACKMAR

PLAM: PLASTIC LAMINATE

PLAM1: WILSONART, #7054-60 WILD CHERRY (CABINETS & CONCEALS)
PLAM2: NEVAMAR, #AM-6-1T ALUMINITE (TABLET ARMS)
PLAM3: WILSONART, #4764-60 MYSTIQUE BLAZE
PLAM4: WILSONART, #4633-60 NATURAL NEBULA
PLAM5: WILSONART, #4759-60 MYSTIQUE MARINE

PP: PORCELAIN PAVERS

PP1: CROSSVILLE CERAMICS, GEOSTONE, ECOCYCLE, R102 MARSHLAND UPS (FIELD)
PP2: CROSSVILLE CERAMICS, GEOSTONE, ECOCYCLE, COLOR: R103 EARTH UPS (ACCENT)

RB: RESILIENT BASE (ROLLS ONLY)

RB1: JOHNSONITE, COLOR: #20 CHARCOAL

RF: RESILIENT FLOOR

RF1: JOHNSONITE, CITY SCAPE, THE DOWNTOWN COLLECTION, COLOR: #533 MAIN STREET, SURFACE: HAMMERED
RF2: JOHNSONITE, CITY SCAPE, THE GARDENS COLLECTION, COLOR: 555 LILY POND, SURFACE: HAMMERED

RFG: RECESSED FOOT GRILLE

RFG1: ARDEN ARCHITECTURAL SPECIALTIES, INC.; ENVIRONTREAD, COLOR: GREY (100% RECYCLE TIRE TREAD)

S: STAIN (DOORS AND WOOD TRIM)

S1: PRATT & LAMBERT, TONETIC, COLOR: TWS15 TRADITIONAL MAHOGANY

SB: SOLAR BRONZE (GLAZING-STOREFRONTS)

SS: SOLID SURFACING MATERIAL

SS1: CORIAN, COLOR: SEQUOIA (E), (WOMEN)
SS2: CORIAN, COLOR: ACORN (F), (MEN)
SS3: CORIAN, COLOR: BONE (B), (SINKS, SHOWER BENCH, & WORK SURFACE COUNTER TOPS)

SSTL: STAINLESS STEEL

TP: TOILET PARTITIONS

TP1: GLOBAL STEEL PRODUCTS, CORP., SPECTRA 21, GLO-GARD FINISH COLOR: #2107 TERRA COTTA (WOMEN)
TP2: GLOBAL STEEL PRODUCTS, CORP., SPECTRA 21, GLO-GARD FINISH COLOR: #2103 ALMOND (MEN)

VWC: VINYL WALLCOVERING

VWC1: TRI KES WALLCOVERING SOURCE, MUSE, COLOR: KIKI 2MU208
VWC2: TRI KES WALLCOVERING SOURCE, MUSE, COLOR: KIKI 2MU210

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: M GROSELY
Dwn by: MLG, KLS
Spec No.: 1304
Reviewed by: K. STEPHENS
Submitted by: /s/ Section Chief
Chief, Architectural Des. Sec.
Date: 10/21/05
Rev.
Design file no: 229-25-539
Drawing Code:
File name: N39A-ED600XX.dwg
Plot date: 8/11/05
Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 "J" STREET
SACRAMENTO, CA 95814-2922

NEVADA
NELLIS AFB
F/A-22 ADD/ALTER WEAPONS SCHOOL
INTERIOR COLOR/FINISH SCHEDULE
BLDG 282 SECOND FLOOR ADDITION

Sheet reference number:
A-606

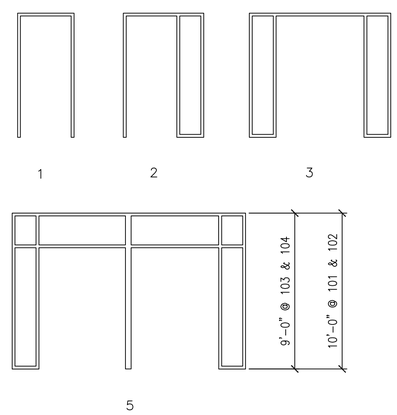
Border Revised 03/01/04, KDEWHITO.DWG

BUILDING 282 DOOR SCHEDULE (continued)

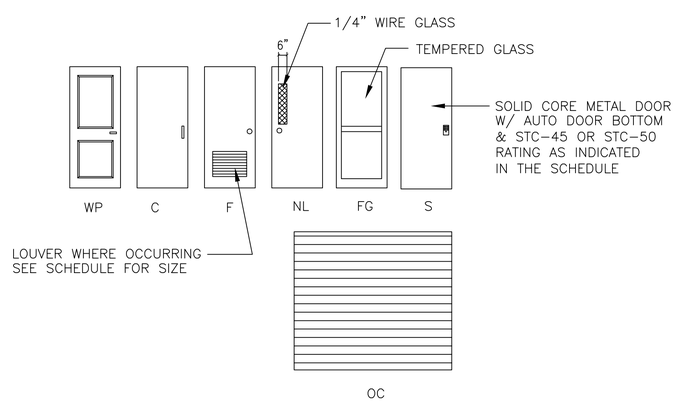
DOOR						FIRE RATING	FRAME *				HW	REMARKS
NO.	TYPE	SIZE	MAT	TYPE	FIN		TYPE	HEAD	JAMB	SILL		
147	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
148	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	4	4	5	10	
149	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	13	13	5	5	STC 45
150	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	13	13	5	2	
151	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	13	13	5	4	
152	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	13	13	5	2	
153	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	KEY PAD ENTRY, CLOSER, STC 45
154	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
155	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
156	F	10'–0" X 8'–8"	STL	–	PT	–	–	32	33	32	43	
157	F	3'–0" X 7'–2" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	

* DETAILS INDICATED ON THIS SHEET ARE DRAWN ON SHEETS A–507 & A–508

** MANUFACTURER'S STANDARD DETAILS



DOOR FRAME TYPES



DOOR TYPES

ABBREVIATIONS	
AL	ALUMINUM
AN	ANODIZED
C	CLOSET
F	FLUSH
FF	FACTORY FINISH
FG	FULLY GLAZED
HM	HOLLOW METAL
L	LOUVERED
LH	LOUVERED, HIGH
LL	LOUVERED, LOW
OC	OVERHEAD COILING
PT	PAINT
S	SECURITY
STL	STEEL
STN	STAIN
WD	WOOD
WP	WOOD PANEL

BUILDING 282 DOOR SCHEDULE

DOOR						FIRE RATING	FRAME *				HW	REMARKS
NO.	TYPE	SIZE	MAT	TYPE	FIN		TYPE	HEAD	JAMB	SILL		
101	NL	3'–0" X 7'–2" X 1–3/4"	HM	–	PT	–	1	1	2	3	1	EGRESS ONLY HDW, CLOSER
102	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
103	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
104	F	3'–0" X 7'–2" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
105	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	4	4	5	3	CLOSER
106	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	4	
107	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	13	13	5	5	NEW DOOR OPENING IN EXISTING WALL STC 45
108	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
109	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
110	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
111	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
112	S	4'–0" X 7'–0" X 1–3/4"	STL	–	PT	–	1	13	13	5	6	KEY PAD ENTRY, CLOSER, STC 45
113	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	14	14	5	5	STC 45
114	F	EXISTING DOOR OPENING	WD	–	STN	20 MIN	1	4	4	5	5	STC 45
115	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
116	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
117	F	3'–0" X 7'–2" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
118	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
119	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
120	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
121	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN		1	4	4	5	2	
122	F	4'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
123	F	PR 3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	13	13	5	7	STC 45
124	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	8	
125	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	13	13	5	9	STC 45
126	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
127	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
128	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
129	S	3'–0" X 7'–0" X 1–3/4"	STL	–	PT	–	1	4	4	5	11	KEY PAD ENTRY, CLOSER, STC 45
130	S	3'–0" X 7'–0" X 1–3/4"	STL	–	PT	–	1	4	4	5	6	KEY PAD ENTRY, CLOSER, STC 45
131	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
132	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
133	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	4	
134	F	EXISTING DOOR OPENING	WD	–	STN	–	1	13	13	5	4	NEW DOOR AND FRAME
135	S	3'–0" X 7'–0" X 1–3/4"	STL	–	PT	–	1	4	4	5	11	KEY PAD ENTRY, CLOSER, STC 45
136	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	44	STC 45
137	S	3'–0" X 7'–0" X 1–3/4"	STL	–	PT	–	1	13	13	5	6	KEY PAD ENTRY, CLOSER, STC 45
138	S	3'–0" X 7'–0" X 1–3/4"	STL	–	PT	–	1	4	4	5	6	KEY PAD ENTRY, CLOSER, STC 45
139	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	4	STC 45
140	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
141	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	13	13	5	2	NEW DOOR OPENING IN EXISTING WALL
142	F	3'–0" X 7'–2" X 1–3/4"	WD	–	STN	–	1	13	13	5	2	NEW DOOR OPENING IN EXISTING WALL
143	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	KEY PAD ENTRY, CLOSER, STC 45
144	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	13	13	5	2	NEW DOOR OPENING IN EXISTING WALL
145	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	12	
146	F	3'–0" X 7'–0" X 1–3/4"	HM	–	PT	–	1	1	2	3	1	EGRESS ONLY HDW, CLOSER

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: J.NEUMYER
Dwn by: JFN
Reviewed by: D.TURNER
Submitted by: Chief, Architectural Des. Sec.
Date: dd/mm/yy
Spec No.: 1304
Design file no: 239–25–539
Drawing Code:
Rev.
File name: N39A–F08001.dwg
Plot date: 01/19/05
Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN–HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814–2922

NEVADA

NELLIS AFB

F/A–22 ADD/ALTER WEAPONS SCHOOL

DOOR SCHEDULE

Sheet reference number:
A–608

Border Revised 03/01/04, CDESIGN22.DWG

BUILDING 282 ADDITION FIRST FLOOR DOOR SCHEDULE

DOOR						FIRE RATING	FRAME *				HW	REMARKS
NO.	TYPE	SIZE	MAT	TYPE	FIN		TYPE	HEAD	JAMB	SILL		
148	F	3'–0" X 7'–2" X 1–3/4"	HM	–	PT	–	1	28	28	9	27	18 X 6 LOUVER
149	F	3'–0" X 7'–2" X 1–3/4	HM	–	PT	–	1	28	28	5	2	
150	F	PR3'–2" X 7'–2" X 1–3/4"	HM		PT	–	1	28	28	9	28	
151	F	PR3'–2" X 7'–2" X 1–3/4"	HM		PT	–	1	28	28	9	28	
152	F	PR2'–10" X 7'–2" X 1–3/4"	HM	–	PT	–	1	28	28	9	28	
153	F	PR2'–10" X 7'–2" X 1–3/4"	HM	–	PT	–	1	28	28	9	28	
154	F	3'–0" X 7'–2" X 1–3/4"	HM	–	PT	–	1	7	8	9	1	EGRESS ONLY HDW, STC 45
155	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	10	
156	S	3'–0" X 7'–2" X 1–3/4"	STL	–	PT	–	1	4	4	5	6	STC 45
157	S	3'–0" X 7'–2" X 1–3/4"	STL	–	PT	90 MIN	1	19	19	5	11	STC 45
158	F	PR3'–2" X 7'–2" X 1–3/4"	HM	–	PT	–	1	7	8	9	32	EGRESS ONLY HDW, STC 45
161	F	PR2'–10" X 7'–2" X 1–3/4"	WD	–	STN	90 MIN	1	19	19	5	34	EGRESS ONLY HDW, STC 45
163	NL	PR2'–10" X 7'–0" X 1–3/4"	WD	–	STN	45 MIN	1	28	28	5	35	MAG. HOLD OPEN DEVICE
164	F	3'–0" X 7'–2" X 1–3/4"	HM	–	PT	–	1	28	28	5	2	

* DETAILS INDICATED ON THIS SHEET ARE DRAWN ON SHEETS A–507 AND A–508

** MANUFACTURER'S STANDARD DETAILS

THE THREE DOORS LISTED BELOW ARE PART OF BID OPTION 1

159	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	10	
160	F	PR2'–10" X 7'–2" X 1–3/4"	WD	–	STN	90 MIN	1	19	19	5	34	EGRESS ONLY HDW, STC 45
162	F	3'–0" X 7'–2" X 1–3/4"	WD	–	STN	90 MIN	1	19	19	5	10	

BUILDING 282 ADDITION FIRST FLOOR DOOR SCHEDULE

DOOR						FIRE RATING	FRAME *				HW	REMARKS
NO.	TYPE	SIZE	MAT	TYPE	FIN		TYPE	HEAD	JAMB	SILL		
101	FG	PR2'–10" X 7'–2" X 1–3/4	AL	–	AN	–	5	15	21	10	14	DARK BRONZE FRAME
102	FG	PR2'–10" X 7'–2" X 1–3/4	AL	–	AN	–	5	15	21	10	14	DARK BRONZE FRAME
103	FG	PR2'–10" X 7'–2" X 1–3/4	AL	–	AN	–	5	18	21	25	14	DARK BRONZE FRAME, CLEAR GLAZING
104	FG	PR2'–10" X 7'–2" X 1–3/4"	AL	–	AN	–	5	18	21	25	14	DARK BRONZE FRAME, CLEAR GLAZING
105	WP	PR 3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	4	4	5	15	STC 45
106	FG	3'–0" X 7'–0" X 1–3/4"	AL	–	AN	20 MIN	2	4	4/22	25	13	
107	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
108	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	16	STC 45
109	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	19	STC 45
110	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
111	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	17	STC 45
112	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	29	18	
113	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	17	STC 45
114	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
115	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	16	
116	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
117	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
118	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
119	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
120	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	4	4	5	19	
121	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
122	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	10	
123	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
124	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
125	F	PR 3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	3	4	4	5	15	
126	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	4	4	5	2	
127	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	4	4	5	2	
128	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	10	
129	NL	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	1 HR	1	19	19	5	20	
130	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	4	4	5	2	
131	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	4	4	5	2	
132	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	19	19	5	21	
133	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
134	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
135	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	10	
136	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
137	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
138	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	–	1	4	4	5	2	
139	C	PR 2'–4" X 7'–0" X 1–3/8"	WD	–	STN	–	1	26	27	5	22	
140	C	PR 2'–4" X 7'–0" X 1–3/8"	WD	–	STN	–	1	26	27	5	22	
141	C	PR 2'–4" X 7'–0" X 1–3/8"	WD	–	STN	–	1	26	27	5	22	
142	NL	3'–0" X 7'–2" X 1–3/4"	HM	–	PT	–	1	28	28	9	1	
143	NL	3'–4" X 7'–2" X 1–3/4"	HM	–	PT	–	1	28	28	9	23	
144	NL	3'–4" X 7'–2" X 1–3/4"	HM	–	PT	1 HR	1	7	8	5	24	
145	F	3'–0" X 7'–2" X 1–3/4"	WD	–	STN	20 MIN	1	19	19	29	25	24 X 24 LOUVER
146	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	4	4	29	25	24 X 12 LOUVER
147	F	3'–0" X 7'–0" X 1–3/4"	WD	–	STN	20 MIN	1	4	4	5	26	

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: J.NEUWIRTER
Dwn by: JFN
Spec No.: 1304
Reviewed by: D.TURNER
Submitted by: Chief, Architectural Des. Sec.
Date: dd/mm/yy
Rev.
Design file no: 239–25–539
Drawing Code:
File name: N39A–E09XXX.dwg
Plot date: 01/19/05
Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN–HOUSE DESIGN
1325 'J' STREET
SACRAMENTO, CA 95814–2922

NEVADA

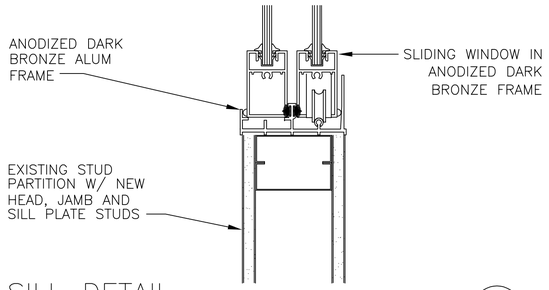
NELLIS AFB

F/A–22 ADD/ALTER WEAPONS SCHOOL

DOOR SCHEDULE

Sheet reference number:
A–609

Border Revised 03/01/04, CEDAR02.DWG



SILL DETAIL

SCALE: 3"=1'-0"

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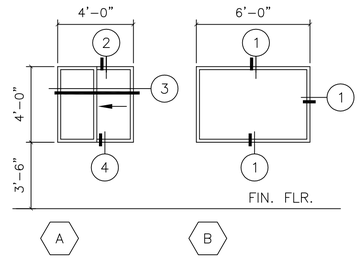
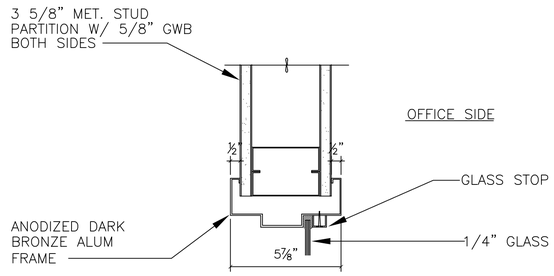


WINDOW SCHEDULE

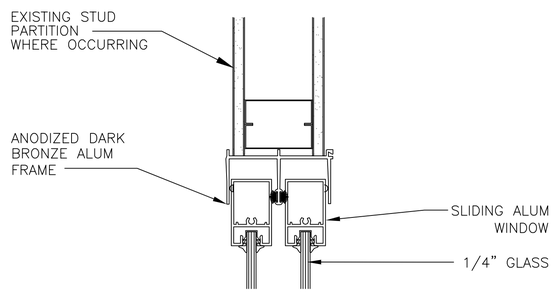
SCALE: 1/4" = 1'-0"



HEAD DETAIL, JAMB & SILL SIM

SCALE: 3"=1'-0"

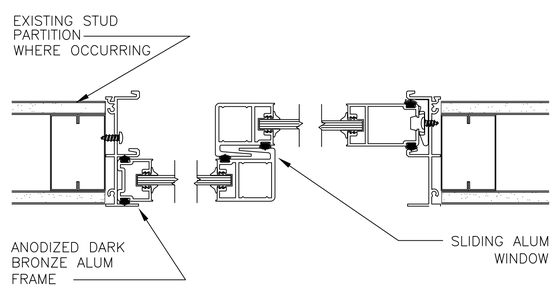
1 A-610 | A-610



HEAD DETAIL

SCALE: 3"=1'-0"

2 A-610 | A-610



JAMB AND MULLION DETAIL

SCALE: 3"=1'-0"

3 A-610 | A-610

BUILDING 282 ADDITION SECOND FLOOR DOOR SCHEDULE

DOOR						FIRE	FRAME *				HW	
NO.	TYPE	SIZE	MAT	TYPE	FIN	RATING	TYPE	HEAD	JAMB	SILL		REMARKS
201	NL	3'-0" X 7'-2" X 1-3/4"	HM	–	PT	1 HR	1	19	19	5	20	
202	FG	3'-4" X 7'-2" X 1-3/4"	AL	–	AN	–	2	17	20	30	36	
203	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	20 MIN	1	4	4	5	2	
204	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	2	
205	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	2	
206		NOT USED										
207		NOT USED										
208	S	3'-0" X 7'-0" X 1-3/4"	STL	–	PT	–	1	4	4	5	11	KEY PAD ENTRY, CLOSER, STC 45
209	S	3'-0" X 7'-0" X 1-3/4"	STL	–	PT	–	1	4	4	5	6	KEY PAD ENTRY, CLOSER, STC 45
210	S	3'-0" X 7'-0" X 1-3/4"	STL	–	PT	–	1	4	4	5	6	KEY PAD ENTRY, CLOSER, STC 45
211	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	4	
212	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	16	
213	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
214	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
215	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	10	
216	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
217	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
218	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
219	F	3'-4" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	12	5	KEY PAD ENTRY, CLOSER, STC 50
220	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
221	F	3'-4" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	12	5	KEY PAD ENTRY, CLOSER, STC 50
222	F	3'-4" X 7'-0" X 1-3/4"	WD	–	STN	20 MIN	1	4	4	5	38	EGRESS ONLY HDW, STC 50
223	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	12	2	
224	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	20 MIN	1	4	4	5	2	
225	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	20 MIN	1	4	4	5	39	STC 45
226	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	2	STC 45
227	FG	PR3'-0" X 7'-0" X 1-3/4"	AL	–	AN	–	1	4	4	5	42	CLEAR GLAZING
228	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	24	24	25	2	
229	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	2	
230	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	10	
231	NL	3'-0" X 7'-2" X 1-3/4"	HM	–	PT	–	1	28	28	30	24	
232	NL	3'-4" X 7'-2" X 1-3/4	HM	–	PT	1 HR	1	7	8	5	20	
233	F	3'-0" X 7'-2" X 1-3/4	WD	–	STN	20 MIN	1	19	19	29	25	16 X 16 LOUVER
234	F	3'-0" X 7'-0" X 1-3/4	WD	–	STN	20 MIN	1	4	4	29	25	16 X 12 LOUVER
235	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	20 MIN	1	4	4	5	26	
236	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	20 MIN	1	4	4	5	41	
237	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
238	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	2	
239	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	1	
240	F	3'-0" X 7'-0" X 1-3/4"	HM	–	PT	45 MIN	1	4	4	5	40	
241	F	3'-0" X 7'-0" X 1-3/4"	WD	–	STN	–	1	4	4	5	5	STC 45
242	F	3'-0" X 7'-0" X 1-3/4"	HM	–	PT	–	1	4	4	5	40	

* DETAILS INDICATED ON THIS SHEET ARE DRAWN ON SHEET A-507 AND A-508

** MANUFACTURER'S STANDARD DETAILS

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Rev.

Date: dd/mm/yy
Spec No.: 1304
Design file no: 239-25-539
Drawing Code:
File name: N39A-A1000X.dwg
Plot date: 03/29/05
Dwg scale: AS_NOTED

Designed by: J.NEUMYER
Dwn by: JFN
Reviewed by: D.TURNER
Submitted by:
Chief, Architectural Des. Sec.

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NEVADA

NELLIS AFB

F/A-22 ADD/ALTER WEAPONS SCHOOL

DOOR SCHEDULE, WINDOW SCHEDULE AND WINDOW DETAILS

Sheet reference number:
A-610

Border Revised 03/01/04, CKESHITZ.DWG

SIGN SCHEDULE NOTES

1. ALL SIGNS SHALL COMPLY W/ THE REQUIREMENTS OF TITLE III OF THE AMERICANS WITH DISABILITIES ACT (ADA). PROVIDE GROUP 2 BRAILLE ROOM NUMBER DESIGNATORS AS INDICATED IN THE SIGN DETAIL.

– INDICATES NO TEXT AT THIS POSITION (TYP.).

GENERAL NOTES

1. SIGN TYPES & DETAILS REFERENCED IN THE SIGN SCHEDULE ARE FOUND ON SHEET A–503
2. LINE 1 IS 4 DIGIT ROOM NUMBER UNLESS OTHERWISE DETERMINED BY NELLIS AFB CONTRACTING OFFICER (TYP.)
3. SIGN MANUFACTURER: SYSTEM 2/90
   WINDOW PLAQUES: SYSTEM 2/90
4. BACKGROUND COLOR: S–LN LIGHT NEUTRAL
   ALL SIGNS TO BE FRAMELESS W/
   SEMI–MATTE CAST ACRYLIC FACEPLATE, AND SUBSURFACE GRAPHICS.
5. NUMBER AND TEXT COLOR (COPY): C–WG–M WHITE MATTE
6. ALL DIMENSIONS ARE IN INCHES U.O.N.
7. GLOSS SHALL BE DETERMINED FROM APPROPRIATE SPECIFIED MATERIAL PUBLICATION. COLORS LISTED BY MANUF. ARE FOR IDENTIFICATION PURPOSES ONLY, AND ARE NOT INTENDED TO LIMIT SELECTIONS TO PRODUCTS OF THEMANUFACTURERS INDICATED. AN EXACT MATCH FOR MANUFACTURERS' COLORS IS NOT REQUIRED; THE SELECTIONS SERVE ONLY TO INDICATE THE COLOR WHICH THE MANUFACTURER'S STANDARD MUST APPROACH.

BUILDING 282

RM. NO.	DOOR NO.	SIGN TYPE	PLC. DTL.	MNT. DTL.	SIGN COPY LINE 1	SIGN COPY LINE 2	SIGN COPY LINE 3	REMARKS
1122	155	1	6	7	1344	OIC	–	1 WINDOW
1123	154	1	6	7	1343	EDITOR	–	1 WINDOW
1124	153	1	6	7	1342	WORK	AREA	
1125	144	2	6	7	1326	CLASSROOM	–	
1126	147	2	10	9	1327	BRIEFING	–	
1128	145	1	6	7	1325	BREAK	–	
1129		2	6	7	1324	BRIEFING	–	
1130	143	1	6	7	1323	SIMULATOR	–	
1131		2	6	7	1322	BRIEFING	–	
1132		2	6	7	1321	BRIEFING	–	
1133	142	1	6	7	1316	OPERATIONS	OFFICER	1 WINDOW
1134	141	1	6	7	1315	433 WPS	–	
1135	140	1	6	7	1314	COMMANDER	–	1 WINDOW
1136	138	1	6	7	1320	WORK	AREA	
1137	139	1	6	7	1319	LAN	–	
1138	135	1	6	7	1311	433 WPS	–	
1139	137	1	10	9	1313	ICADS 1	–	
1140		1	6	7	1312	ICADS 2	–	
1141		2	6	7	1303	BRIEFING	–	
1142		2	6	7	1301	BRIEFING	–	

BUILDING 282

RM. NO.	DOOR NO.	SIGN TYPE	PLC. DTL.	MNT. DTL.	SIGN COPY LINE 1	SIGN COPY LINE 2	SIGN COPY LINE 3	REMARKS
1066		2	6	7	1448	BRIEFING	–	
1067		1	6	7	1449	COMM	–	
1069		1	6	7	1421	COMMANDER	–	1 WINDOW
1070		1	6	7	1423	INSTRUCTOR	PILOT	1 WINDOW
1071	124	1	10	9	1425	ADO	–	1 WINDOW
1071	125	1	6	7	1425	ADO	–	1 WINDOW
1072		1	6	7	1424	INSTRUCTOR	PILOT	1 WINDOW
1073		1	6	7	1422	OPERATIONS	OFFICER	1 WINDOW
1074		2	6	7	1416	BRIEFING	–	
1075	123	2	6	7	1414	CLASSROOM	–	
1075	125	2	6	7	1414	CLASSROOM	–	
1076		1	6	7	1402	WCL	–	
1077		1	6	7	1403	STORAGE	–	
1079		5	6	8	1413	WOMEN	–	
1080		4	6	8	1411	MEN	–	
1081		1	6	7	1412	JANITOR	–	
1082		1	6	8	1404	8 WPS	–	
1083		2	6	8	1409	BRIEFING	–	
1084		2	6	8	1405	BRIEFING	–	
1085		2	6	7	1406	BRIEFING	–	
1086		2	6	7	1407	BRIEFING	–	
1087		2	6	7	1408	BRIEFING	–	
1089		1	6	7	1351	16 WPS	–	
1090	126	1	6	7	1352	COMMANDER	–	1 WINDOW
1091	127	1	6	7	1353	OPERATIONS	OFFICER	1 WINDOW
1092	128	1	6	7	1354	ADO	–	1 WINDOW
1093	129	1	10	9	1360	MISSION	PLANNING	
1095	131	3	6	7	1361	FLIGHT	COMMANDER	2 WINDOWS
1096	132	3	10	7	1362	FLIGHT	COMMANDER	2 WINDOWS
1099		2	6	7	1364	BRIEFING	–	
1100		2	6	7	1363	BRIEFING	–	
1101		2	6	7	1366	BRIEFING	–	
1102		2	6	7	1365	BRIEFING	–	
1103		2	6	7	1368	BRIEFING	–	
1104		2	6	7	1367	BRIEFING	–	
1105		2	6	7	1369	CLASSROOM	–	
1107		1	6	7	1370	BREAK	–	
1108		1	10	9	1371	STORAGE	–	
1109	133	1	6	7	1373	LAN	–	
1110		5	10	9	1304	WOMEN	–	
1111		4	10	9	1308	MEN	–	
1113		1	10	9	1307	JANITOR	–	
1114	148	1	6	7	1330	STORAGE	–	
1115	149	1	6	7	1332	SHOWTIME	–	
1116		1	6	7	1334	FLIGHT	OPERATIONS	
1117	150	1	6	7	1335	ARM	CHIEF	1 WINDOW
1118	151	1	6	7	1336	LAN	–	
1119		1	6	7	1345	WRAPPING AND	STORAGE	
1120		1	6	7	1347	STORAGE	–	
1121	152	1	6	7	1341	WEAPONS	REVIEW	

BUILDING 282

RM. NO.	DOOR NO.	SIGN TYPE	PLC. DTL.	MNT. DTL.	SIGN COPY LINE 1	SIGN COPY LINE 2	SIGN COPY LINE 3	REMARKS
1013		1	10	9	1502	8 WPS	19 WPS	
1016		2	10	9	1512	BRIEFING	–	
1017		2	10	9	1511	BRIEFING	–	
1018		2	10	9	1514	BRIEFING	–	
1019		2	10	9	1513	BRIEFING	–	
1020		2	10	9	1505	BRIEFING	–	
1021		2	10	9	1504	BRIEFING	–	
1022	107	1	10	9	1506	MISSION	PLANNING	1 WINDOW
1022A	106	1	10	9	1508	COMM	–	
1023		1	6	7	1507	COMM	–	
1025	108	2	10	9	1519	BRIEFING	–	
1026	109	2	10	9	1521	BRIEFING	–	
1027	110	2	10	9	1522	BRIEFING	–	
1028	111	2	10	9	1520	BRIEFING	–	
1029		2	6	7	1516	CLASSROOM	–	
1030		2	6	7	1524	CLASSROOM	–	
1031	112	2	6	7	1525	CLASSROOM	–	
1032		1	6	8	1474	AIRCREW	SUPPORT	
1033	105	1	6	7	1471	8 WPS	–	
1034	104	1	6	7	1473	OPERATIONS	OFFICER	1 WINDOW
1035	157	1	6	7	1472	COMMANDER	–	1 WINDOW
1036		1	6	7	1486	COMM	–	
1037		1	6	7	1481	34 WPS	–	
1038		1	6	7	1483	COMMANDER	–	1 WINDOW
1039	115	1	6	7	1484	OPERATIONS	OFFICER	1 WINDOW
1040	116	1	10	9	1485	MISSION	PLANNING	
1041	113	2	6	8	1482	CLASSROOM	–	
1042		1	6	8	1450	MISSION	PLANNING	
1044		1	6	7	1451	OFFICE	–	
1045		1	6	7	1452	OFFICE	–	
1046		2	6	7	1453	BRIEFING	–	
1047	120	2	6	7	1454	BRIEFING	–	
1048	119	2	6	7	1455	BRIEFING	–	
1049		2	6	7	1432	BRIEFING	–	
1050		1	6	7	1431	BRIEFING	ROOMS	
1051		2	10	9	1433	BRIEFING	–	
1052	117	2	10	9	1434	BRIEFING	–	
1053	118	1	6	7	1435	MISSION	PLANNING	
1054		1	6	7	1461	19 WPS	–	
1056	103	1	6	7	1463	COMMANDER	–	1 WINDOW
1057	102	1	6	7	1464	OPERATIONS	OFFICER	1 WINDOW
1058	122	2	6	7	1445	CLASSROOM	–	
1059		1	10	9	1444	WORK	AREA	
1061		1	6	7	1441	17 WPS	–	
1062	121	1	6	7	1442	OPERATIONS	OFFICER	1 WINDOW
1063		1	6	7	1440	COMMANDER	–	1 WINDOW
1064		2	6	7	1446	BRIEFING	–	
1065		1	6	7	1447	MISSION	PLANNING	

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: J.NEUWAYER
Dwn by: JFN
Reviewed by: D.TURNER
Submitted by: Chief, Architectural Des. Sec.
Date: dd/mm/yy
Spec No.: 1304
Design file no: 239–25–539
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File name: N39A–E01X02.dwg
Plot date: 09/12/05
Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN–HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814–2922

NEVADA

NELLIS AFB

F/A–22 ADD/ALTER WEAPONS SCHOOL

SIGNAGE SCHEDULE

Sheet reference number:
A–611

Border Revised 03/01/04, CDESKTOP2.DWG

SIGN SCHEDULE NOTES

1. INCLUDE HANDICAPPED SIGN AS PER DETAILS 4 & 5 ON SHEET A-503
2. ALL SIGNS SHALL COMPLY W/ THE REQUIREMENTS OF TITLE III OF THE AMERICANS WITH DISABILITIES ACT (ADA). PROVIDE GROUP 2 BRAILLE ROOM NUMBER DESIGNATORS AS INDICATED IN THE SIGN DETAIL.

– INDICATES NO TEXT AT THIS POSITION (TYP.).

GENERAL NOTES

1. SIGN TYPES & DETAILS REFERENCED IN THE SIGN SCHEDULE ARE FOUND ON SHEET A-503
2. LINE 1 IS 4 DIGIT ROOM NUMBER UNLESS OTHERWISE DETERMINED BY NELLIS AFB CONTRACTING OFFICER (TYP.)
3. SIGN MANUFACTURER: SYSTEM 2/90
   WINDOW PLAQUES: SYSTEM 2/90
4. BACKGROUND COLOR: S-LN LIGHT NEUTRAL
   ALL SIGNS TO BE FRAMELESS W/
   SEMI-MATTE CAST ACRYLIC FACEPLATE, AND SUBSURFACE GRAPHICS.
5. NUMBER AND TEXT COLOR (COPY): C-WG-M WHITE MATTE
6. ALL DIMENSIONS ARE IN INCHES U.O.N.
7. GLOSS SHALL BE DETERMINED FROM APPROPRIATE SPECIFIED MATERIAL PUBLICATION. COLORS LISTED BY MANUF. ARE FOR IDENTIFICATION PURPOSES ONLY, AND ARE NOT INTENDED TO LIMIT SELECTIONS TO PRODUCTS OF THEMANUFACTURERS INDICATED. AN EXACT MATCH FOR MANUFACTURERS' COLORS IS NOT REQUIRED; THE SELECTIONS SERVE ONLY TO INDICATE THE COLOR WHICH THE MANUFACTURER'S STANDARD MUST APPROACH.

BUILDING 282 ADDITION CONTINUED

RM. NO.	DOOR NO.	SIGN TYPE	PLC. DTL.	MNT. DTL.	SIGN COPY LINE 1	SIGN COPY LINE 2	SIGN COPY LINE 3	REMARKS
2203	236	3	6	7	2140	CORRIDOR	–	
2204	201	1	6	7	2206	STAIR	–	
2206	232	1	6	7	2131	STAIRS	–	
2208	202	1	6	7	2224	BREAK	–	
2209	203	1	6	7	2101	** WPS		
2210	204	1	6	7	2102	COMMANDER	–	1 WINDOW
2211	205	1	6	7	2103	DO	ADO	2 WINDOWS
2213	208	1	10	9	2104	MAN TRAP	–	
2214	209	1	6	7	2105	ICADS	–	
2216	212	1	6	7	2114	BREAK	–	
2217	211	1	6	7	2112	COMM	–	
2218	213	2	6	7	2115	BRIEFING	–	
2219	214	2	6	7	2117	BRIEFING	–	
2221	215	1	6	7	2118	STORAGE	–	
2222	217	1	6	7	2119	MISSION	PLANNING	1 WINDOW
2223	216	1	6	7	2120	BRIEFING	–	
2224	218	2	6	7	2121	CLASSROOM	–	2 WINDOWS
2225	219	2	6	7	2122	WTT 1	–	
2227	220	2	6	7	2123	BRIEFING	–	
2226	221	2	6	7	2124	WTT 2	–	
2228	223	3	6	7	2126	UPS	–	
2229	224	1	6	7	2214	SECURITY	–	2 WINDOWS
2230	234	4	10	9	2135	MEN	–	
2231	235	1	10	9	2136	JANITOR	–	
2232	233	5	10	9	2133	WOMEN	–	
2233	238	1	6	7	2142	COMM	–	
2234	239	3	10	9	2144	STORAGE	–	
2235	240	3	10	9	2145	MECHANICAL	–	
2236	237	2	6	7	2141	BRIEFING	–	
2237	242	3	10	9	2146	ELECTRICAL	–	
2238	241	2	10	9	2147	BRIEFING	–	
2240	225	1	10	9	2202	LIBRARY	–	
2241	226	1	6	7	2204	LIBRARIAN	–	1 WINDOW
2242	227	1	6	7	2205	COMPUTER	LAB	
2243	230	1	6	7	2207	STORAGE	–	
2244	228	2	6	7	2208	STUDY 1	–	
2245	229	2	6	7	2209	STUDY 2	–	

BUILDING 282 ADDITION

RM. NO.	DOOR NO.	SIGN TYPE	PLC. DTL.	MNT. DTL.	SIGN COPY LINE 1	SIGN COPY LINE 2	SIGN COPY LINE 3	REMARKS
1206	129	1	6	7	1120	STAIR	–	
1208	132	1	6	7	1127	MACHINE	ROOM	
1209	144	1	6	7	1141	STAIR	–	
1211	106	1	10	9	1103	COMMAND	SECTION	
1212	105	1	6	7	1101	CONFERENCE	ROOM	
1212	107	1	6	7	1101	CONFERENCE	ROOM	
1213	110	1	6	7	1102	COMMANDANT	–	1 WINDOW
1217	115	1	6	7	1106	KITCHEN	–	
1218	114	1	6	7	1107	DCO	–	1 WINDOW
1219	116	1	6	7	1108	EXECUTIVE	OFFICER	1 WINDOW
1220	117	1	6	7	1109	DCOA	–	1 WINDOW
1221	118	1	6	7	1111	DCOB	–	1 WINDOW
1222	119	1	6	7	1113	COPIER	–	
1223	120	1	6	7	1115	COMMAND	SECTION	
1224	121	1	6	7	1125	RESOURCE	ADVISOR	
1224	131	1	6	7	1125	RESOURCE	ADVISOR	1 WINDOW
1225	122	1	6	7	1124	STORAGE	–	
1226	123	1	6	7	1123	FIRST	SERGEANT	1 WINDOW
1226	130	1	6	7	1123	FIRST	SERGEANT	1 WINDOW
1227	127	1	6	7	1121	REGISTRAR	–	1 WINDOW
1229	124	1	6	7	1119	DV OFFICE	–	
1230	125	1	6	7	1202	57 WPSS	–	
1233	138	1	6	7	1207	CSS	NCOIC	1 WINDOW
1234	137	1	6	7	1206	SECTION	COMMANDER	1 WINDOW
1235	136	1	6	7	1205	WIC	INTEGRATION	
1236	135	1	6	7	1204	RECORDS	–	
1237	134	1	6	7	1209	COMMANDER	–	1 WINDOW
1238	133	1	6	7	1208	OPERATIONS	OFFICER	1 WINDOW
1239	162	1	6	7	1151	STORAGE	–	
1241	159	1	6	7	1150	STORAGE	–	
1242	155	1	6	7	1148	STORAGE	–	
1243	157	1	6	7	1147	AUDITORIUM	–	
1244	146	4	10	9	1145	MEN	–	
1245	147	1	10	9	1146	JANITOR	–	
1246	145	5	10	9	1143	WOMEN	–	

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: J.NEUMYER
Dwn by: JFN
Spec No.: 1304
Date: dd/mm/yy
Rev.
Design file no: 239-25-539
Drawing Code:
Reviewed by: D.TURNER
Submitted by: A/C Section Chief
Chief, Architectural Des. Sec.
File name: N39A-F0200C.dwg
Plot date: 09/12/05
Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NEVADA

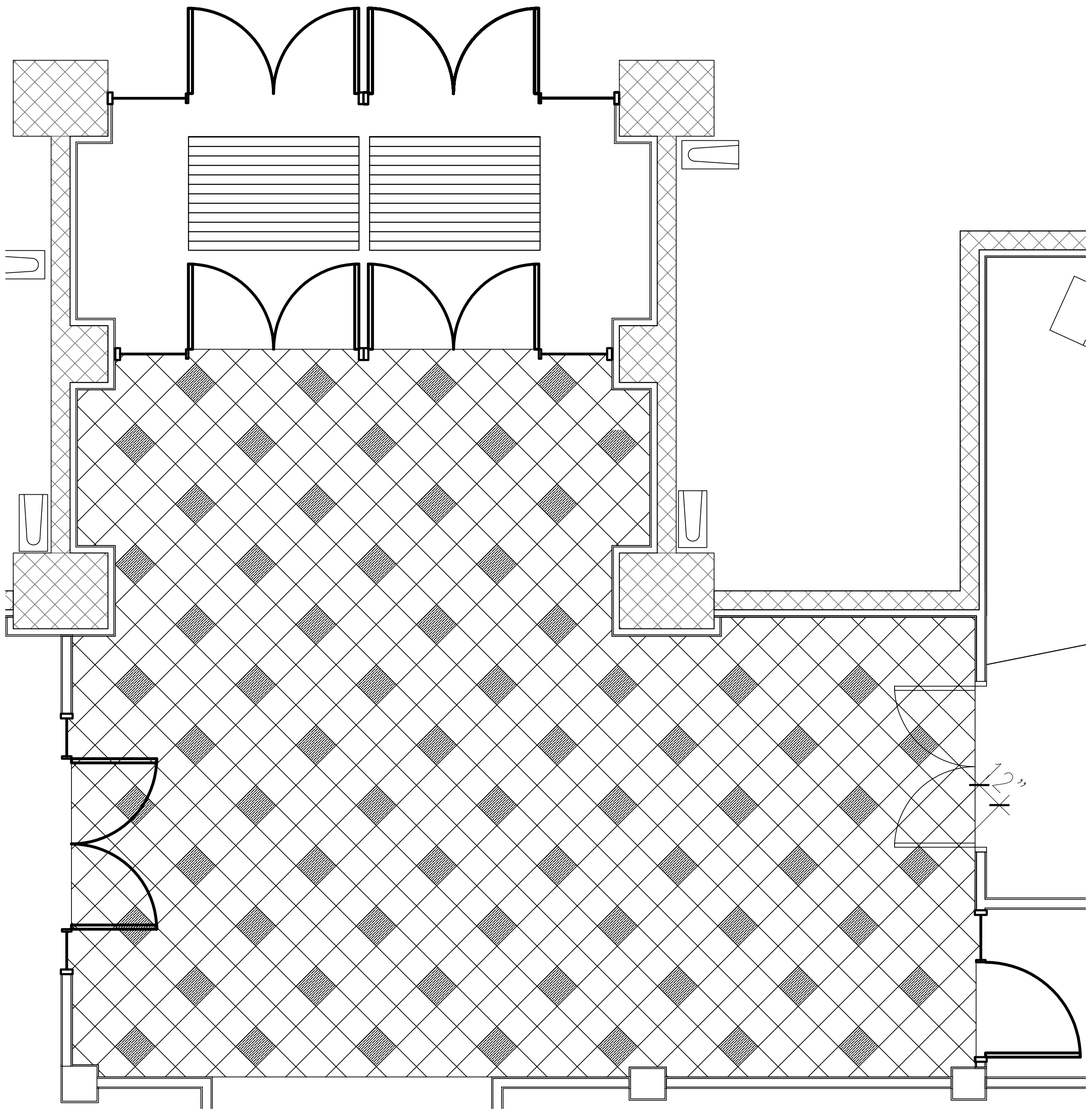
NELLIS AFB

F/A-22 ADD/ALTER WEAPONS SCHOOL

SIGNAGE SCHEDULE

Sheet reference number:
A-612

Border Revised 03/01/04, CDESN1102.DWG



PORCELAIN PAVERS FLOOR PATTERN
SCALE: 3/8" = 1'-0"

PORCELAIN PAVERS LEGEND

◇ FIELD PP1: CROSSVILLE CERAMICS, GEOSTONE, ECOCYCLE, R102 MARSHLAND UPS, 12"X12".

◆ ACCENT PP2: CROSSVILLE CERAMICS, GEOSTONE, ECOCYCLE, R103 EARTH UPS, 12"X12".

GRAPHIC SCALE
3/8"=1'-0"
0' 1' 2' 4' 6' 8'

REFERENCE
NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: M GROSELY
Dwn by: MLG, KLS, DLO
Spec No.: 1304
Reviewed by: K. STEPHENS
Submitted by: /S/ Section Chief
Chief, Architectural Des. Sec.
Date: 10/21/05
Rev.
Design file no: 229-25-539
Drawing Code:
File name: N39A-607XXX.dwg
Plot date:
Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 "J" STREET
SACRAMENTO, CA 95814-2922

NEVADA
NELLIS AFB
F/A-22 ADD/ALTER WEAPONS SCHOOL
ROOM #1202, LOBBY FLOOR PATTERN
BLDG 282 ADDITION

Sheet reference number:
A-613

Border Revised 03/01/04, 02SEP03.DWG

FIRE PROTECTION NOTES

1. THE ENTIRE BUILDING SHALL BE PROTECTED BY A WET PIPE SPRINKLER SYSTEM AS INDICATED THE SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA–13 & 24 EXCEPT AS OTHERWISE SPECIFIED, AND SHALL BE HYDRAULICALLY CALCULATED. THE HAZARD CLASSIFICATIONS (FOR THE PURPOSE OF HYDRAULIC CALCULATIONS), THE SPRINKLER DENSITY, THE AREA OF APPLICATION, AND THE HOSE STREAM SHALL BE AS INDICATED. THE CONTRACTOR SHALL REDUCE SPRINKLER HEAD SPACING, INCREASE SPRINKLER LINE SIZES, AND USE LOW PRESSURE BACKFLOW ASSEMBLIES AS REQUIRED TO PROVIDE THE SPECIFIED FIRE FLOWS WITH THE AVAILABLE WATER SUPPLY.
2. DESIGN FLOW WILL BE BASED ON THE OPERATION OF SPRINKLERS IN THE HYDRAULICALLY MOST DEMANDING 3000 FT. SQ. AND A HOSE STREAM OF 250 GPM. ASSUME HOSE STREAM TO BE AT THE NEAREST HYDRANT. IF THE AREA INCLUDES ORDINARY I OR II, A HOSE STREAM OF 500 GPM SHALL BE ASSUMED AT THE NEAREST HYDRANT.
3. HYDRAULIC CALCULATION SHALL BE BASED ON A FLOWS & PRESSURES AT HYDRANT #H36 50 PSIG STATIC AND 671 GPM AT 39 PSIG RESIDUAL PRESSURE.
4. ASSUME ONE RISER GOES OFF AT A TIME.
5. CENTER HEADS IN ACCOUSTICAL PANELS
6. DEMOLISH EXISTING SPRINKLER PIPE (SEE NOTE 9.) BUT NOT TO INCLUDE RISER & FIRE DEPARTMENT CONNECTION IN EXISTING BLDG 282.
7. IN AREAS WITH T–BAR OR GYPSUM BOARD CEILING USE RECESSED SPRINKLERS WITH GLASS BULB AND POLISHED CHROME FINISH.
8. PIPING SHALL NOT PASS OVER THE MAIN SWITCH BOARD, DISTRIBUTION PANEL BOARDS, TELEPHONE/DATA, ELECTRONIC RACK–MOUNTED EQUIPMENT OR BACKBOARD MOUNTED ELECTRONIC EQUIPMENT FOR TELEPHONE DATA. CONTRACTOR SHALL COORDINATE ROUTING OF ALL PIPING W/ THE CONTRACTING OFFICER. SEE ELECTRICAL SHTS.
9. BECAUSE THIS IS AN OCCUPIED BUILDING (282) FIRE SPRINKLER SYSTEMS MUST REMAIN OPERATIONAL. EXISTING SYSTEM SHALL BE DIVIDED INTO TWO AREAS 1) AREA "A" AND "B" & 2) AREA "C". (SEE ARCH DRAWINGS) INSTALL OS & Y VALVES AT MAINS OR BRANCHES (SUPERVISED) TO ACCOMPLISH THIS DIVISION. EXISTING SYSTEM IN AREA "A" /"B" & "C" TO BE DEMOLISHED ONLY AFTER THE NEW SYSTEM IS INSTALLED AND IS OPERATIONAL.
   CHANGEOVER BETWEEN EXISTING AND NEW SYSTEMS SHALL BE DONE BETWEEN 6 PM AND 6 AM ON SATURDAY OR SUNDAY. IN THIS CONTRACT THE BUILDING SHALL BE WITHOUT FIRE PROTECTION FOR THE MENTIONED PERIOD ABOVE AND NO MORE THEN 4 OCCURRENCES FOR THIS CONTRACT. PROVIDE 30 DAY PRIOR NOTICE TO THE CONTRACTING OFFICER, FIRE DEPARTMENT AND BUILDING OCCUPANTS BEFORE THIS OCCURS. IF BUILDING USER OBJECTS TO THE SET DATE THEY HAVE THE RIGHT TO RESCHEDULE THE EVENT TO A DAY NOT TO EXCEED 30 DAYS OF THE CONTRACTORS TARGET DATE AT NO COST TO THE GOVERNMENT.
10. SPRINKLER CONCEALED SPACES AS REQUIRED BY NFPA 13.

FIRE PROTECTION NOTES

AREA	SYSTEM TYPE	NFPA STANDARD	DESIGN WATER DENSITY	REMARKS
	WET PIPE	NFPA–13 LIGHT HAZARD	0.10 GPM/SF	
	WET PIPE	NFPA–13 ORDINARY GROUP II HAZARD	0.20 GPM/SF	
	WET PIPE	NFPA–13 ORDINARY GROUP I HAZARD	0.15 GPM/SF	

KEY PLAN
NTS

REFERENCE
NORTH

GRAPHIC SCALE
1/8"=1'–0"
0' 2' 4' 8' 16' 24'

FIRE PROTECTION FLOOR PLAN – BUILDING 282 – AREA A

SCALE: 1/8" = 1'–0

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by: S.B.
Submitted by: /s/ Thomas E. Nissen, Chief, Mech./Elec. Sec.
Date: 10/21/05
Spec No.: 1304
Design file no: 229-25-539
Drawing Code:
File name: N39F-101xxx.dwg
Plot date:
Dwg scale: AS_NOTED
Rev.

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

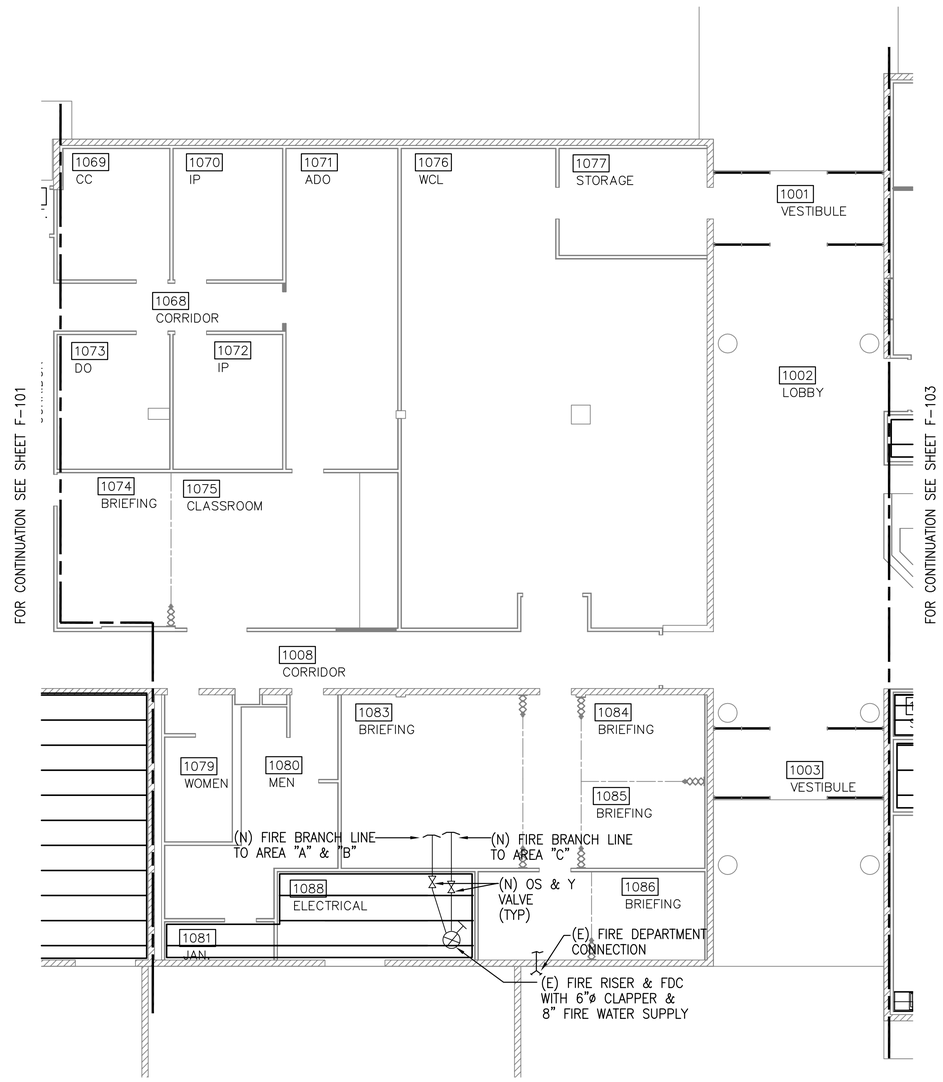
SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NEVADA
NELLIS AFB
F/A-22 ADD/ALTER WEAPONS SCHOOL
FIRE PROTECTION FLOOR PLAN
BUILDING 282
FLOOR PLAN AREA A

Sheet reference number:
F–101

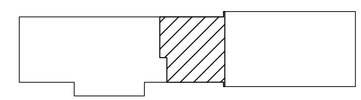
FIRE PROTECTION SHEET NOTES

1. SEE SHEET F–101 FOR SHEET NOTES.



FIRE PROTECTION FLOOR PLAN – BUILDING 282 – AREA B

SCALE: 1/8" = 1'–0



KEY PLAN

NTS

GRAPHIC SCALE

1/8"=1'–0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by:
Submitted by: S.B.
Chief, Mech./Elec. Sec.
Date: 10/21/05
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Spec No.: 1304
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Plot date:
Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
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1325 J STREET
SACRAMENTO, CA 95814–2922

NEVADA

NELLIS AFB

F/A–22 ADD/ALTER WEAPONS SCHOOL

FIRE PROTECTION FLOOR PLAN
BUILDING 282
FLOOR PLAN AREA B

Sheet reference number:
F–102

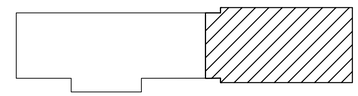
Border Revised 03/01/04, CE3011L2.DWG

FIRE PROTECTION SHEET NOTES

1. SEE SHEET F-101 FOR SHEET NOTES.

FIRE PROTECTION FLOOR PLAN – BUILDING 282 – AREA C

SCALE: 1/8" = 1'-0



KEY PLAN
NTS

GRAPHIC SCALE
1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE
NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Rev.

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Designed by: A. MORITA
Dwn by: J. FRESCAS
Spec No: 1304
Reviewed by: S.B.
Submitted by: A/E Thomas E. Nilssen Chief, Mech./Elec. Des. Sec.

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NEVADA

NELLIS AFB

F/A-22 ADD/ALTER WEAPONS SCHOOL

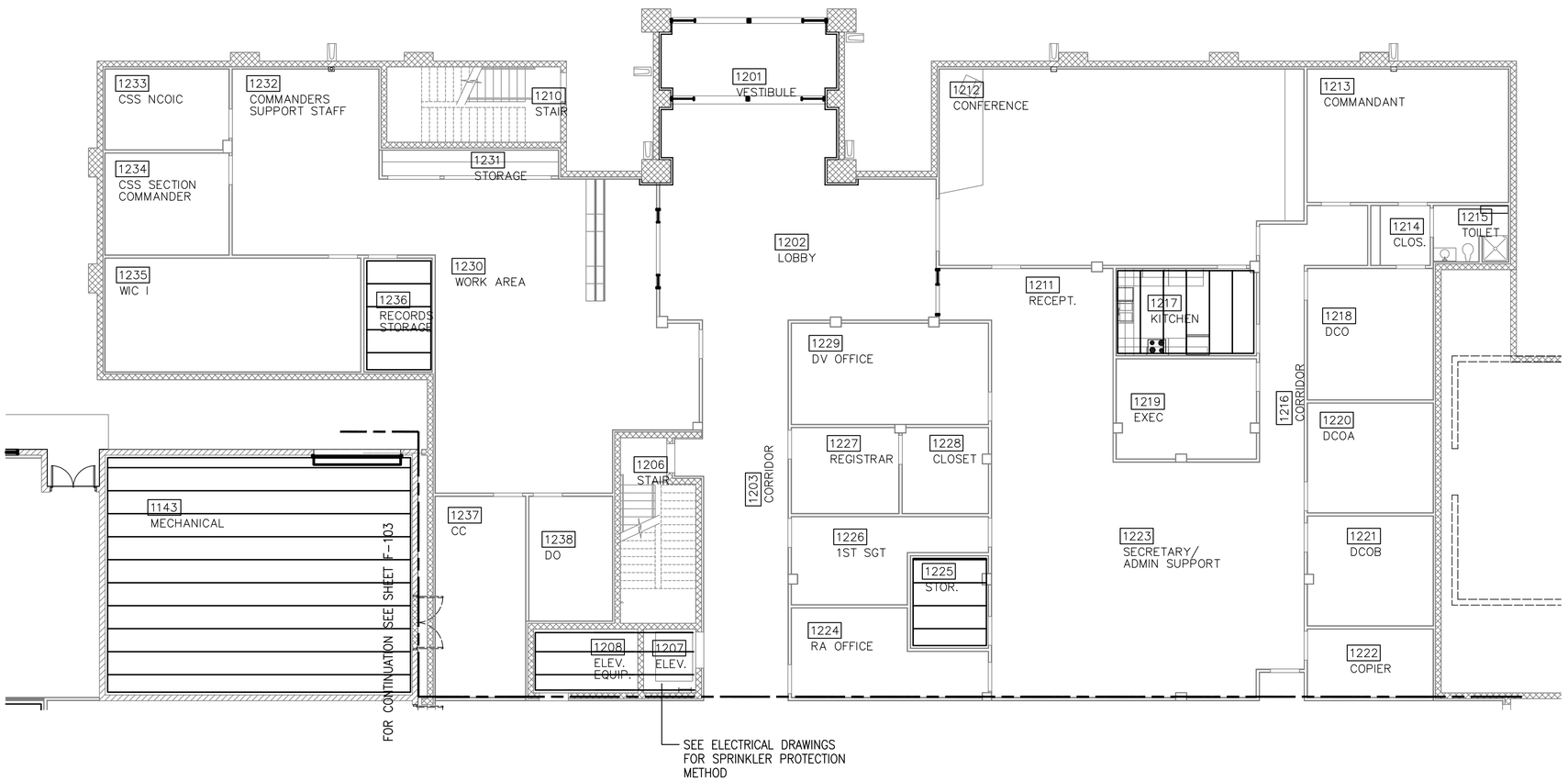
FIRE PROTECTION FLOOR PLAN
BUILDING 282
FLOOR PLAN AREA C

Sheet reference number:
F-103

Border Revised 03/01/04, 0203-0102.DWG

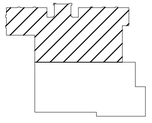
FIRE PROTECTION SHEET NOTES

1. SEE SHEET F–101 FOR SHEET NOTES.



FIRE PROTECTION FLOOR PLAN – BUILDING 282 ADDITION – FIRST FLOOR AREA A

SCALE: 1/8" = 1'–0



KEY PLAN

NTS

GRAPHIC SCALE

1/8"=1'–0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by: S.B.
Submitted by: A.J. Thomas E. Nilsson Chief, Mech./Elec. Des. Sec.
Date: 10/21/05
Spec No: 1304
Design file no: 239–25–539
Drawing Code:
File name: N39F–103xxx.dwg
Plot date:
Dwg scale: AS_NOTED
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DEPARTMENT OF THE ARMY
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SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
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1325 J STREET
SACRAMENTO, CA 95814–2922

NELLIS AFB NEVADA

F/A–22 ADD/ALTER WEAPONS SCHOOL

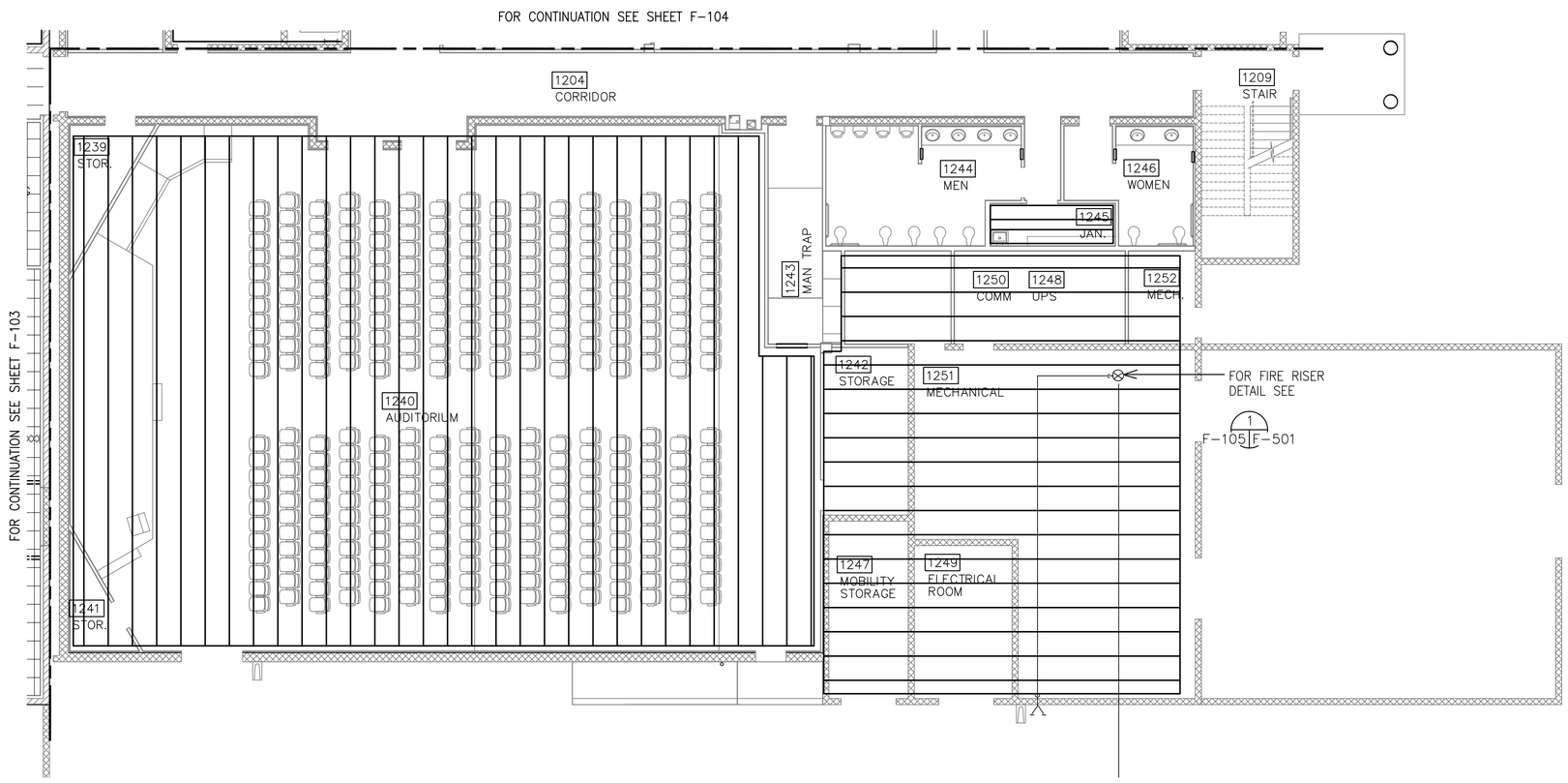
FIRE PROTECTION FLOOR PLAN
BUILDING 282 ADDITION
FIRST FLOOR AREA A

Sheet reference number:
F–104

Border: Revised 03/01/04, 002SH102.DWG

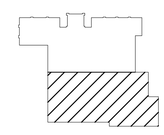
FIRE PROTECTION SHEET NOTES

1. SEE SHEET F-101 FOR SHEET NOTES.



FIRE PROTECTION FLOOR PLAN – BUILDING 282 ADDITION – FIRST FLOOR AREA B

SCALE: 1/8" = 1'-0



KEY PLAN

NTS

GRAPHIC SCALE

1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by: S.B.
Submitted by: Ad/ Thomas E. Nissen Chief, Mech./Elec. Des. Sec.
Date: 10/21/05
Spec No.: 1304
Design file no: 229-25-539
Drawing Code:
File name: N39F-150xxx.dwg
Plot date:
Dwg scale: AS_NOTED
Rev.

DEPARTMENT OF THE ARMY
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SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NELLIS AFB NEVADA

F/A-22 ADD/ALTER WEAPONS SCHOOL

FIRE PROTECTION FLOOR PLAN
BUILDING 282 ADDITION
FIRST FLOOR AREA B

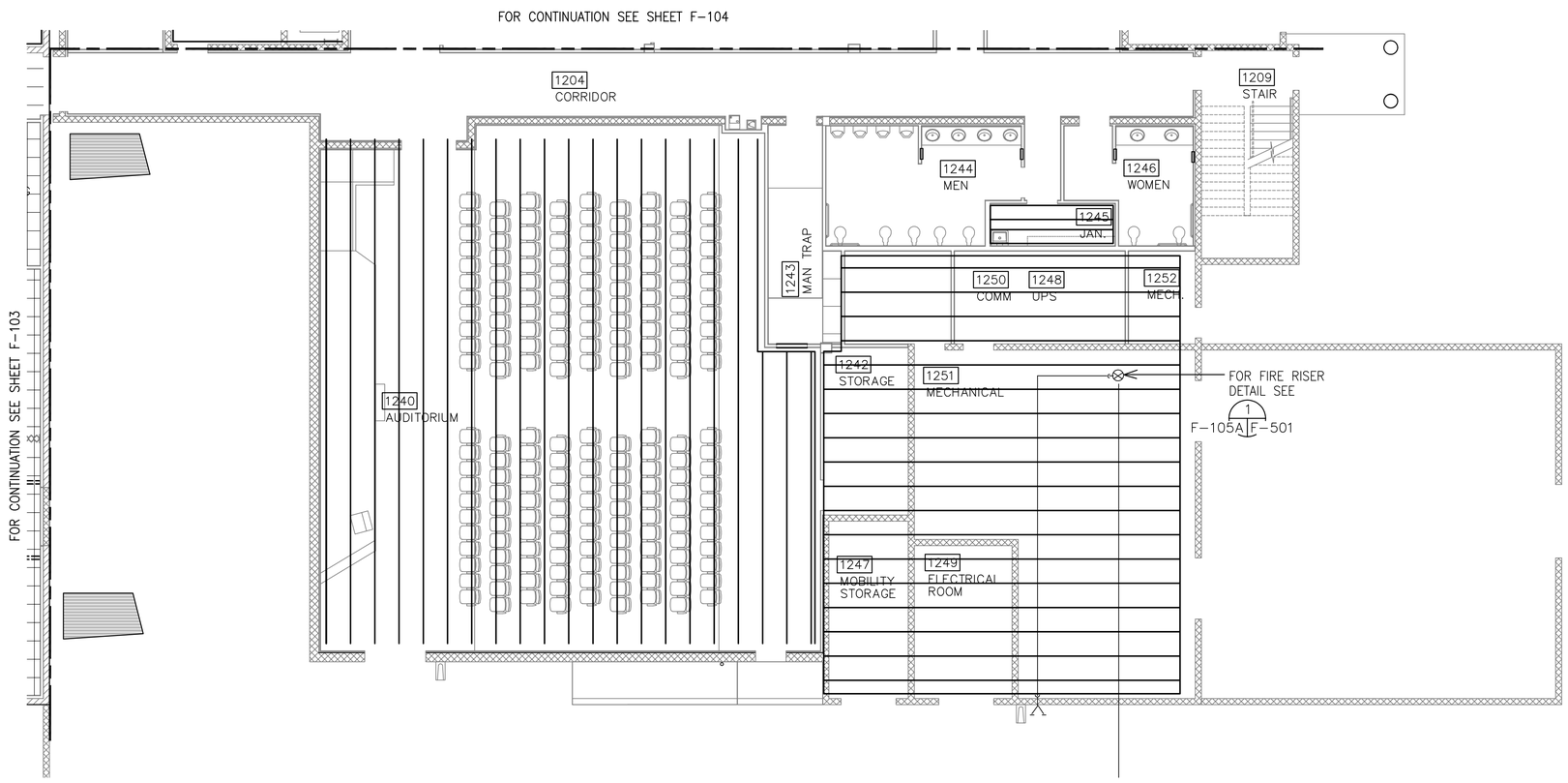
Sheet reference number:
F-105

Border Revised: 03/01/04, 02E3910.2.DWG

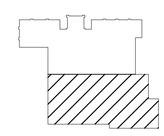
9/15/2004 10:50am N39F-104xxx.dwg

FIRE PROTECTION SHEET NOTES

1. SEE SHEET F-101 FOR SHEET NOTES.



INFORMATION ON THIS SHEET IS INCLUDED IN BID OPTION1



KEY PLAN
NTS

GRAPHIC SCALE
1/8"=1'-0"
0' 2' 4' 8' 16' 24'

REFERENCE
NORTH

FIRE PROTECTION FLOOR PLAN – BUILDING 282 ADDITION – FIRST FLOOR AREA B

SCALE: 1/8" = 1'-0

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by: S.B.
Submitted by: Chief, Mech./Elec. Des. Sec.
Date: 10/21/05
Spec No.: 1304
Design file no: 229-25-539
Drawing Code:
File name: N39F-105xxx.dwg
Plot date:
Dwg scale: AS_NOTED
Rev.

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NELLIS AFB NEVADA
F/A-22 ADD/ALTER WEAPONS SCHOOL
FIRE PROTECTION FLOOR PLAN
BUILDING 282 ADDITION
FIRST FLOOR AREA B

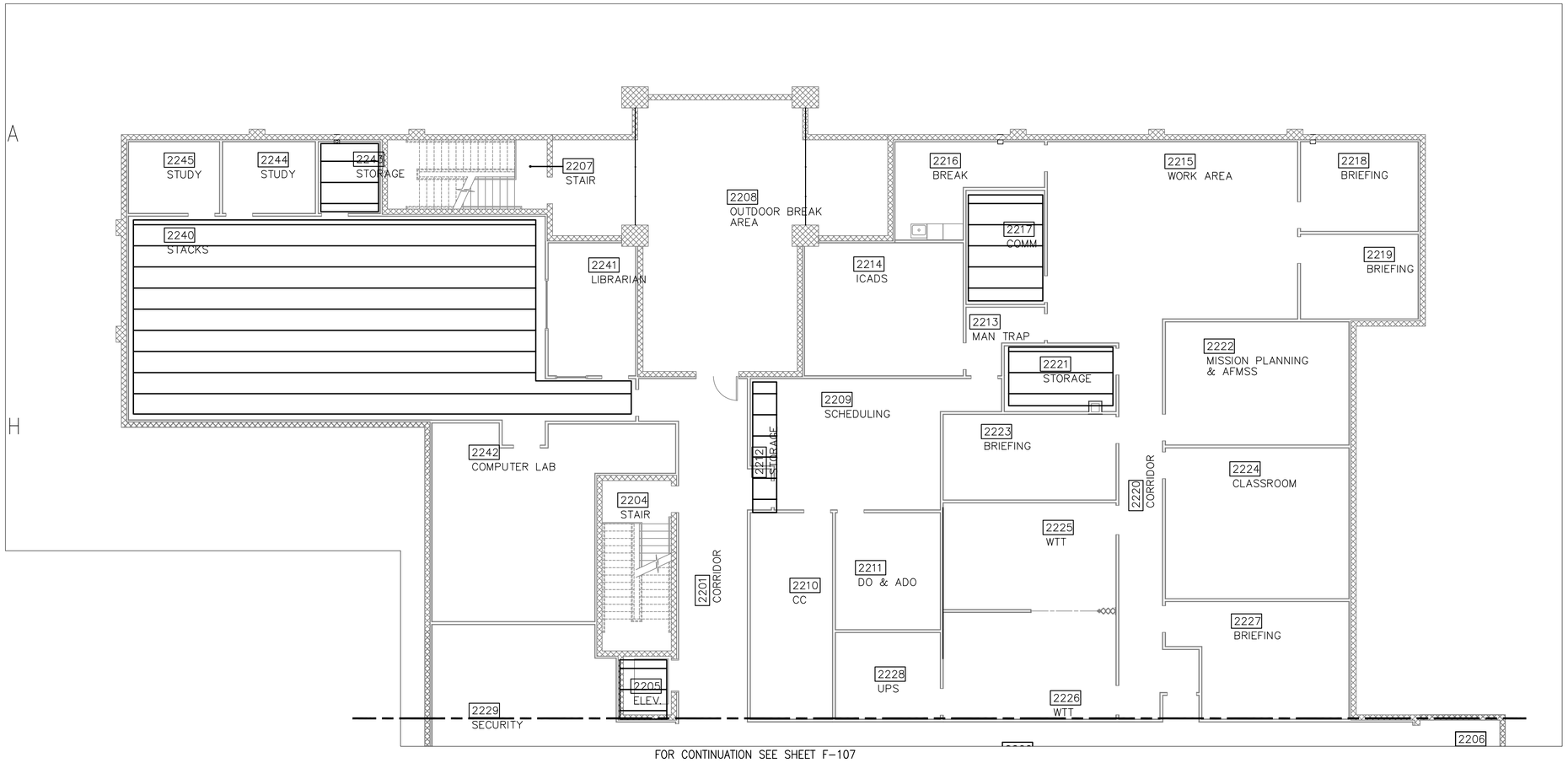
Sheet reference number:
F-105A

Border Revised: 03/01/04, 02E3/102.DWG

9/15/2004 10:50am N39F-104xxx.dwg

FIRE PROTECTION SHEET NOTES

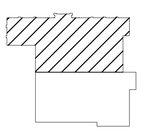
1. SEE SHEET F-101 FOR SHEET NOTES.



FOR CONTINUATION SEE SHEET F-107

FIRE PROTECTION FLOOR PLAN – BUILDING 282 ADDITION – SECOND FLOOR AREA A

SCALE: 1/8" = 1'-0



KEY PLAN
NTS

GRAPHIC SCALE

1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by:
Submitted by: /s/ Thomas E. Nissen, Chief, Mech./Elec. Des. Sec.

Date: 10/21/05
Spec No.: 1304
Design file no: 229-25-539
Drawing Code:
Rev.
File name: N39F-105xxx.dwg
Plot date:
Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NELLIS AFB NEVADA

F/A-22 ADD/ALTER WEAPONS SCHOOL

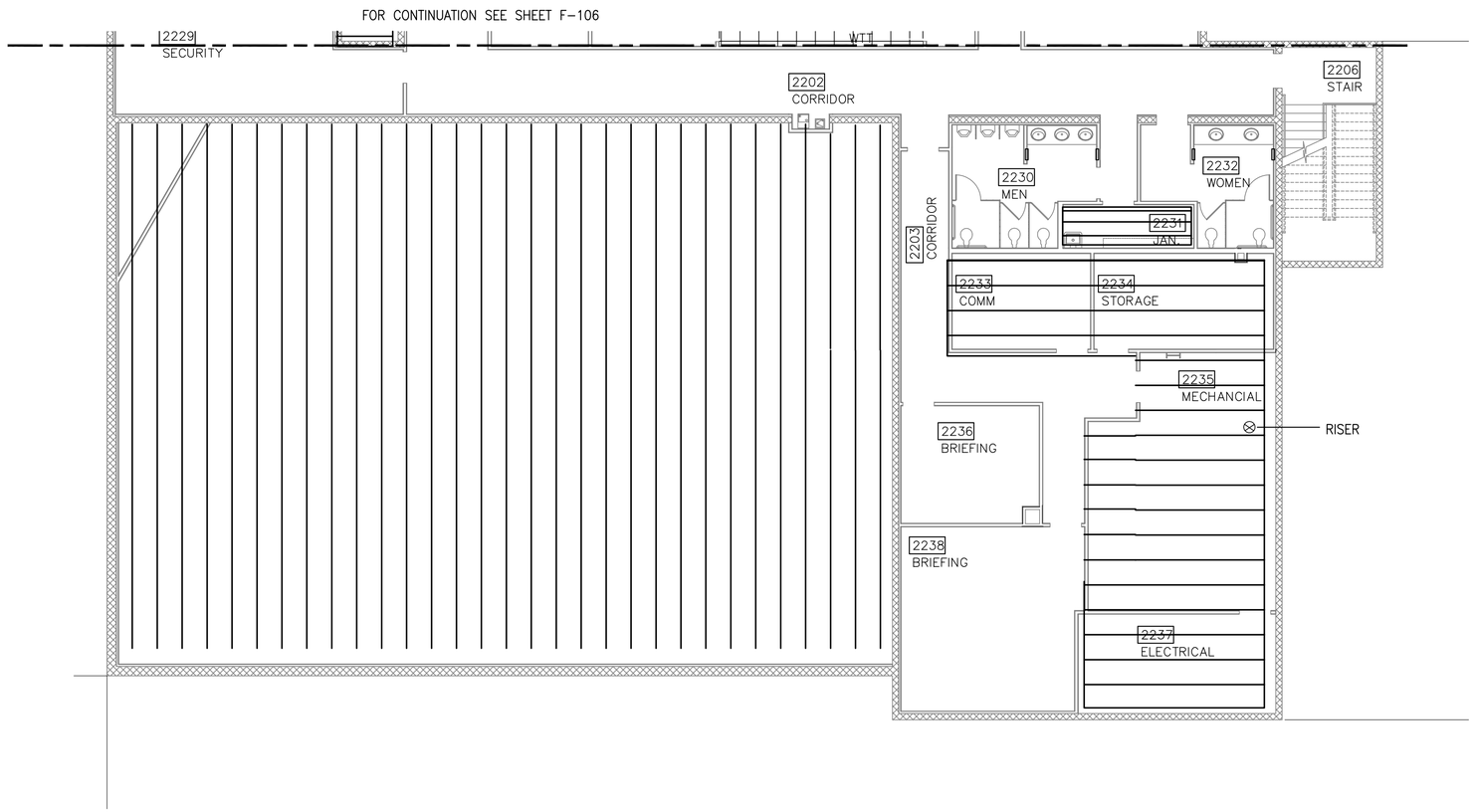
FIRE PROTECTION FLOOR PLAN
BUILDING 282 ADDITION
SECOND FLOOR AREA A

Sheet reference number:
F-106

Border Revised 03/01/04, CDESIGN22.DWG

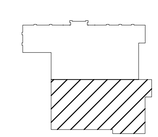
FIRE PROTECTION SHEET NOTES

1. SEE SHEET F-101 FOR SHEET NOTES.



FIRE PROTECTION FLOOR PLAN – BUILDING 282 ADDITION – SECOND FLOOR AREA B

SCALE: 1/8" = 1'-0



KEY PLAN
NTS

GRAPHIC SCALE

1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Spec No.: 1304
Reviewed by: S.B.
Submitted by: Ray Thomas E. Nissen
Chief, Mech./Elec. Des. Sec.
Date: 10/21/05
Rev.
Design file no: 229-25-539
Drawing Code:
File name: N39F-106xxx.dwg
Plot date:
Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NELLIS AFB
NEVADA

F/A-22 ADD/ALTER WEAPONS SCHOOL

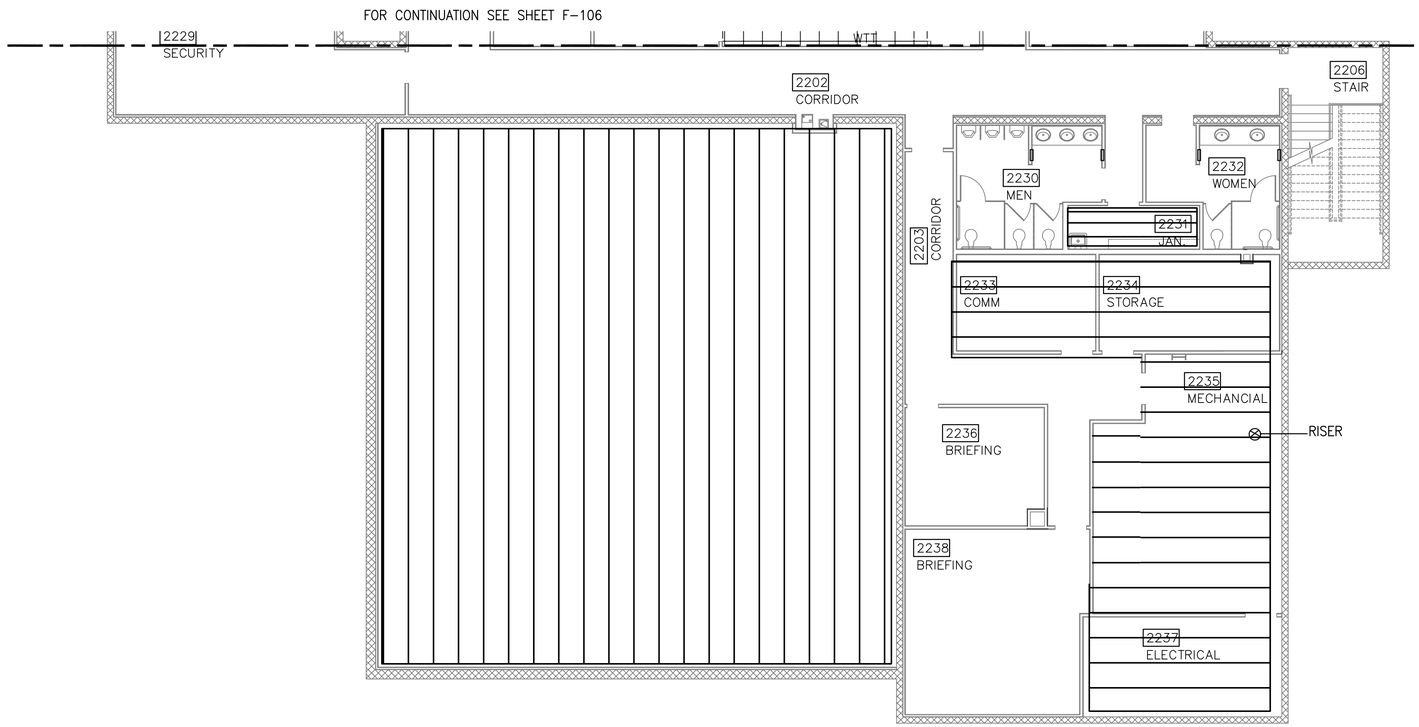
FIRE PROTECTION FLOOR PLAN
BUILDING 282 ADDITION
SECOND FLOOR AREA B

Sheet reference number:
F-107

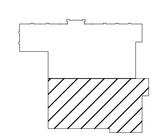
Border Revised 03/01/04, CCSHT02.DWG

FIRE PROTECTION SHEET NOTES

1. SEE SHEET F-101 FOR SHEET NOTES.



INFORMATION ON THIS SHEET IS INCLUDED IN BID OPTION1



KEY PLAN
NTS

GRAPHIC SCALE
1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE
NORTH

FIRE PROTECTION FLOOR PLAN – BUILDING 282 ADDITION – SECOND FLOOR AREA B

SCALE: 1/8" = 1'-0

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Spec No.: 1304
Date: 10/21/05
Design file no: 229-25-539
Rev.
Reviewed by: S.B.
Drawing Code:
Submitted by: Thomas E. Nissen
Chief, Mech./Elec. Des. Sec.
File name: N39F-106xxx.dwg
Plot date:
Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NELLIS AFB NEVADA

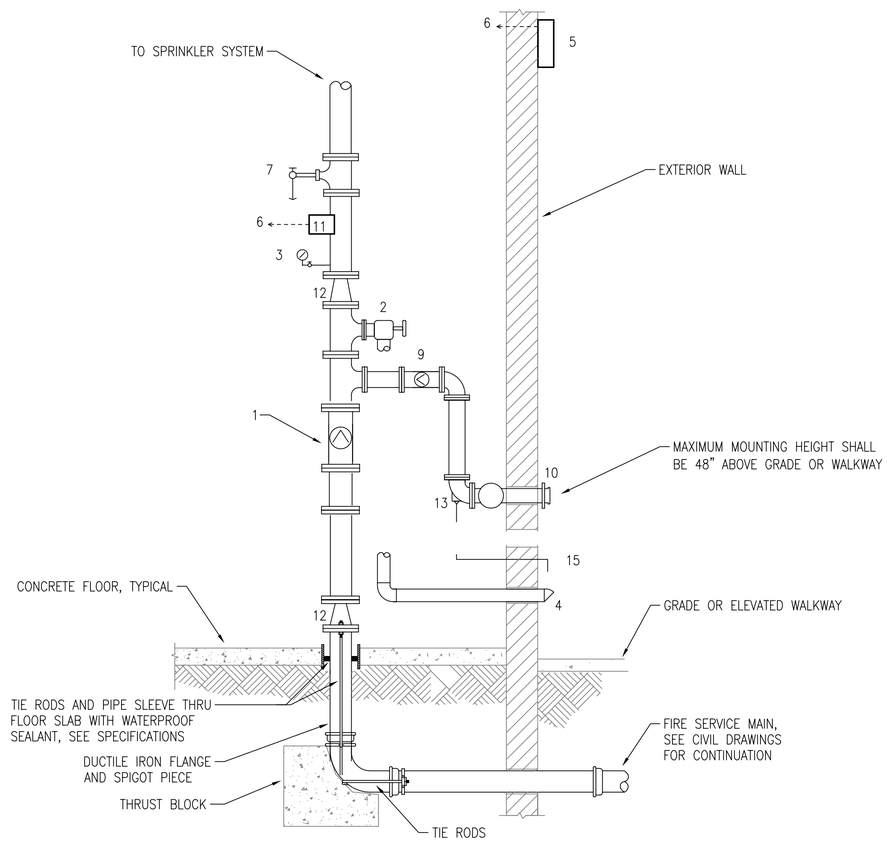
F/A-22 ADD/ALTER WEAPONS SCHOOL

FIRE PROTECTION FLOOR PLAN
BUILDING 282 ADDITION
SECOND FLOOR AREA B

Sheet reference number:
F-107A

Border Revised 03/01/04, CCSHT02.DWG

9/15/2004 10:50am N39F-106xxx.dwg



LEGEND

1. SUPPLY-LINE CHECK VALVE
2. MAIN DRAIN VALVE
3. PRESSURE GAGE
4. DRAIN OUTLET
5. ELECTRONIC AUDIO/VISUAL
6. TRANSMITTED ALARM CIRCUIT
7. INSPECTOR'S TEST CONNECTION
9. CHECK VALVE
10. 2-1/2" X 2-1/2" X 4" FIRE DEPARTMENT CONNECTION
11. WATER FLOW INDICATOR
12. CONCENTRIC REDUCER (WHEN VERIFIED BY HYDRAULIC CALCULATIONS)
13. AUTOMATIC DRIP (DRAIN)

WET-PIPE FIRE RISER DETAIL 1 F-105 F-501

SCALE: NONE

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A.M.
Dwn by: A.M.
Reviewed by: S.B.
Submitted by: Chief, XXXX Des. Sec.
Spec No.: 1304
Date: 10/21/05
Design file no: 229-25-539
Drawing Code:
Rev.
File name:
Plot date:
Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NELLIS AFB NEVADA

F/A-22 ADD/ALTER WEAPONS SCHOOL

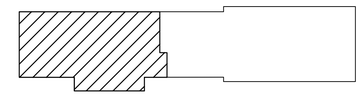
FIRE PROTECTION DETAILS

Sheet reference number:
FP-501

Border Revised 08/03/04 CORSHTD.DWG

PLUMBING FLOOR PLAN – BUILDING 282 – AREA A

SCALE: 1/8" = 1'-0



KEY PLAN

NTS

GRAPHIC SCALE

1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Rev.

Date: 10/21/05
Design file no: 229-25-539
Drawing Code:
File name: N39P-100xxx.dwg
Plot date:
Dwg scale: AS_NOTED

Designed by: A. MORITA
Dwn by: J. FRESCAS
Spec No.: 1304
Reviewed by:
Submitted by: S.B.
Chief, Mech./Elec. Des. Sec.

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

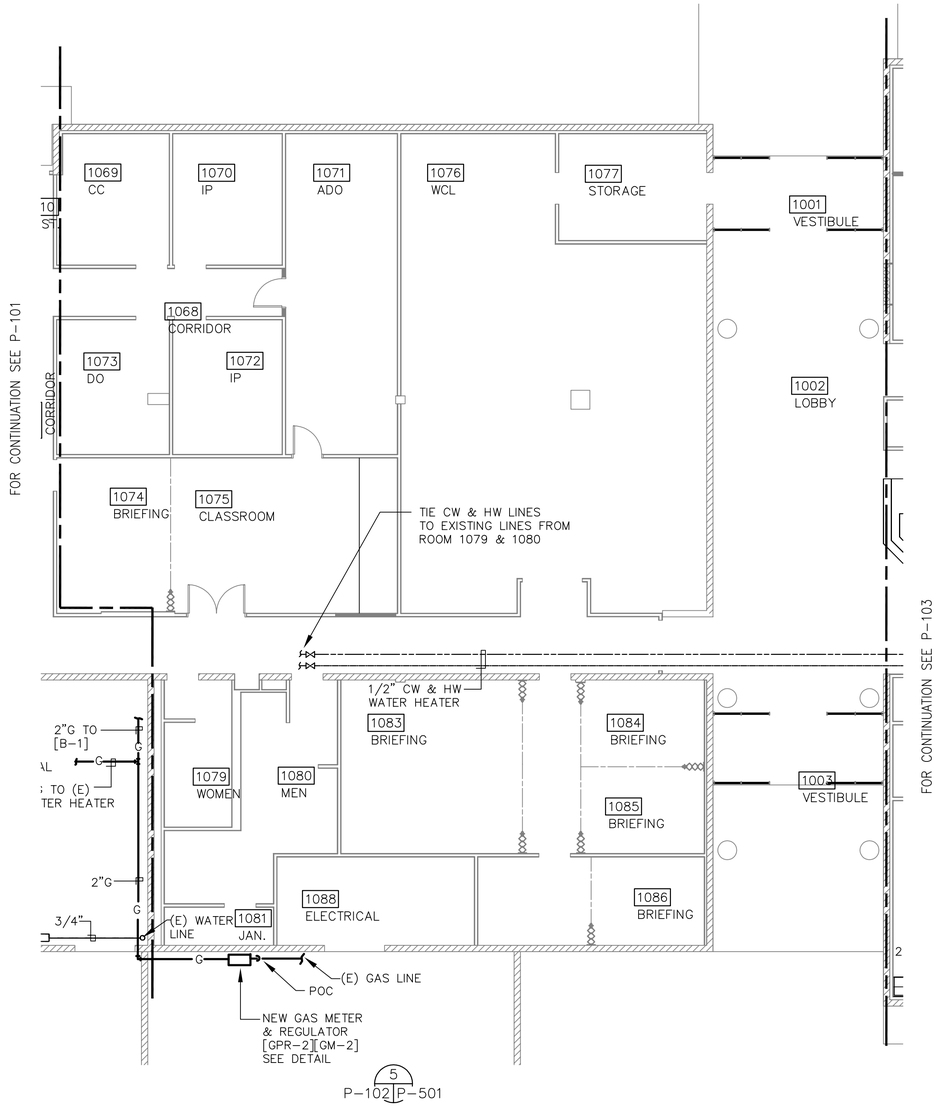
NEVADA

NELLIS AFB

F/A-22 ADD/ALTER WEAPONS SCHOOL

PLUMBING FLOOR PLAN
BUILDING 282
FLOOR PLAN AREA A

Sheet reference number:
P-101



PLUMBING FLOOR PLAN – BUILDING 282 – AREA B

SCALE: 1/8" = 1'-0

KEY PLAN

NTS

GRAPHIC SCALE

1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by: S.B.
Submitted by: A. Thomas E. Nissen, Chief, Mech./Elec. Des. Sec.
Date: 10/21/05
Spec No.: 1304
Design file no: 229-25-539
Drawing Code:
File name: N39P-101xxx.dwg
Plot date:
Dwg scale: AS_NOTED
Rev.

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NEVADA

NELLIS AFB

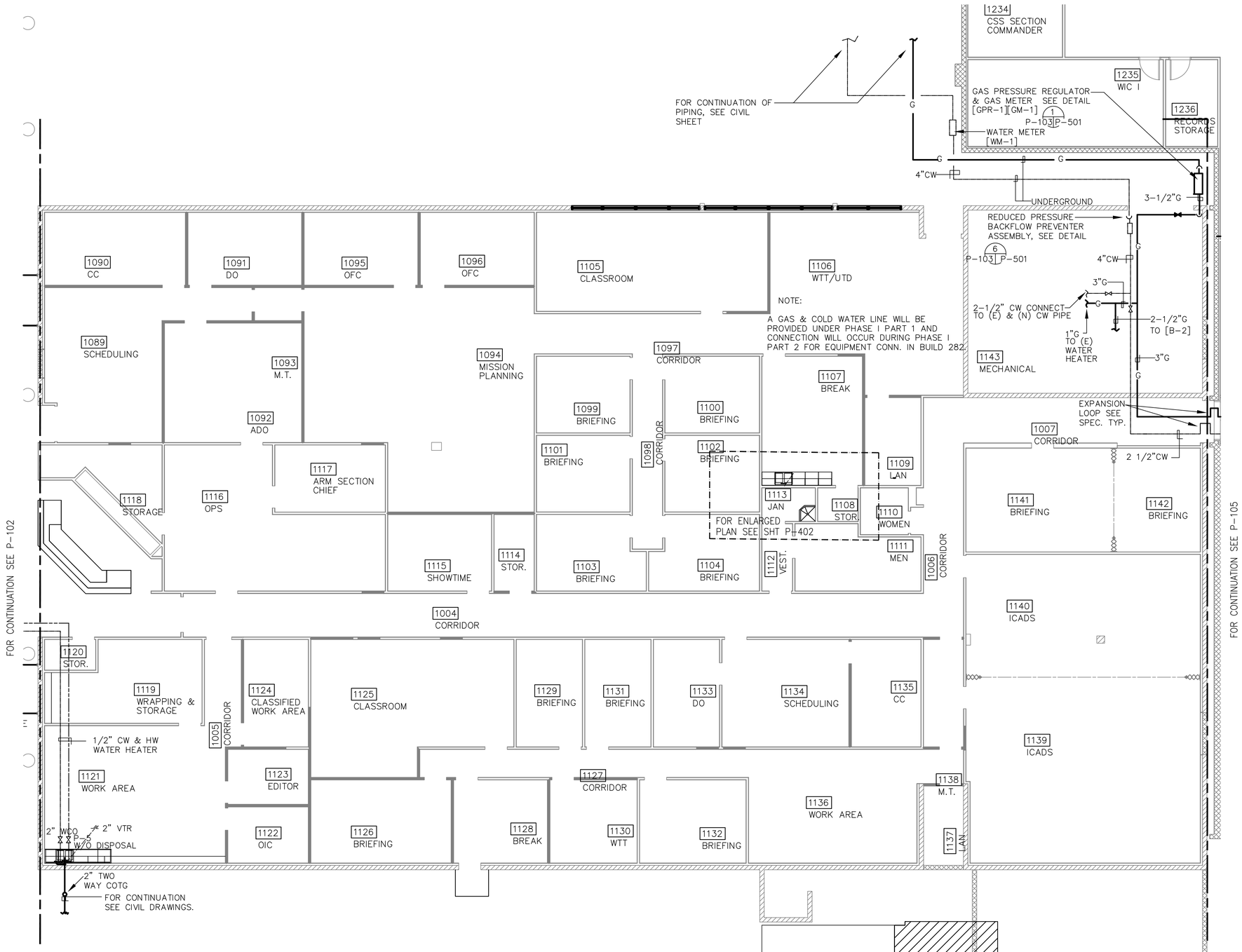
F/A-22 ADD/ALTER WEAPONS SCHOOL

PLUMBING FLOOR PLAN
BUILDING 282
FLOOR PLAN AREA B

Sheet reference number:
P-102

Border Revised 03/01/04, CCE3/1102.DWG

9/15/2004 10:50am N39P-101xxx.dwg



PLUMBING FLOOR PLAN – BUILDING 282 – AREA C

SCALE: 1/8" = 1'-0

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Rev.

Date: 10/21/05
Design file no: 239-25-539
Drawing Code:
File name: N39P-102xxx.dwg
Plot date:
Dwg scale: AS_NOTED

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by: S.B.
Submitted by: Chief, Mech./Elec. Sec.

Spec No.: 1304

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

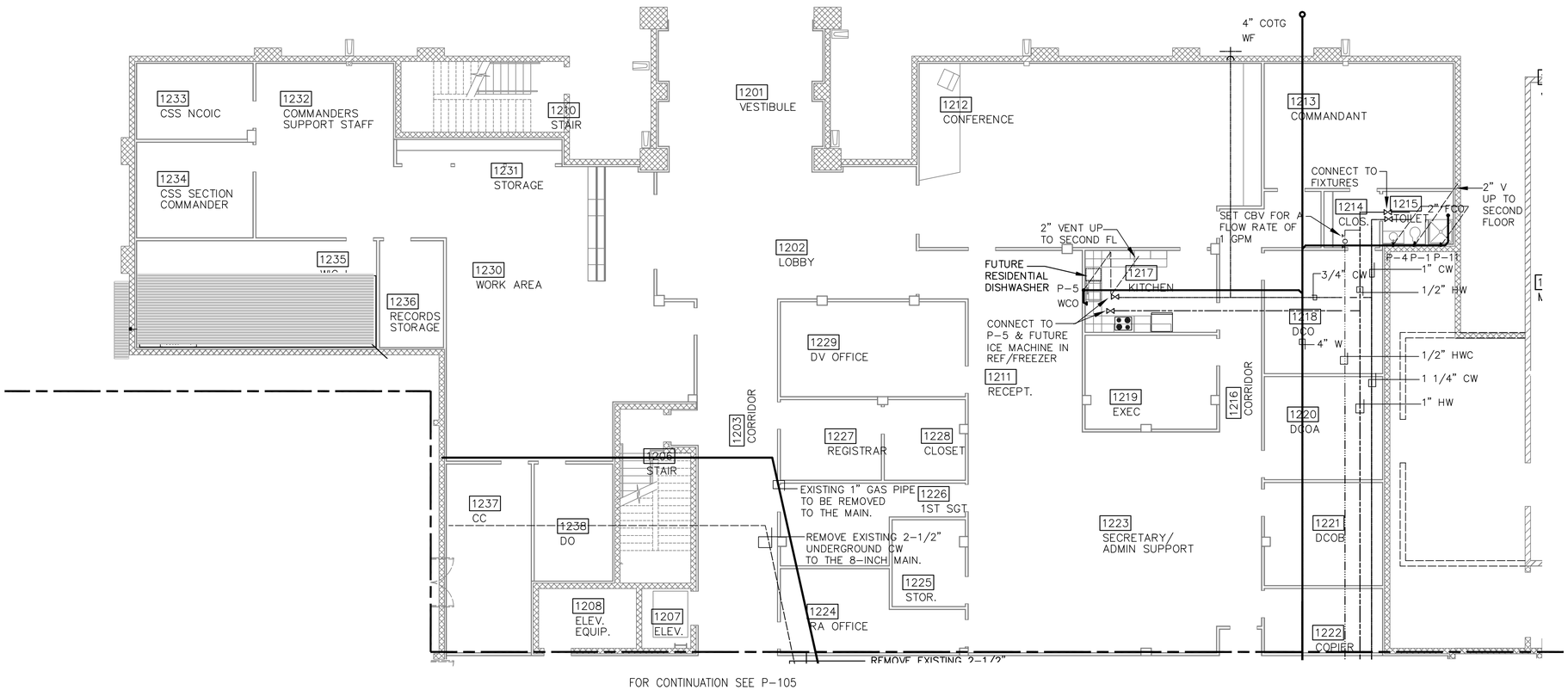
NEVADA

F/A-22 ADD/ALTER WEAPONS SCHOOL

PLUMBING FLOOR PLAN
BUILDING 282
FLOOR PLAN AREA C

NELLIS AFB

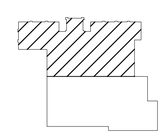
Sheet reference number:
P-103



FOR CONTINUATION SEE P-105

PLUMBING FLOOR PLAN – BUILDING 282 ADDITION – FIRST FLOOR AREA A

SCALE: 1/8" = 1'-0



KEY PLAN

NTS

GRAPHIC SCALE

1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Date: 10/21/05
Rev.
Spec No.: 1304
Design file no: 239-25-539
Drawing Code:
File name: N39P-103xxx.dwg
Plot date:
Dwg scale: AS_NOTED

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by: S.B.
Submitted by: Ad/ Thomas E. Nilsson
Chief, Mech./Elec. Des. Sec.

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NEVADA

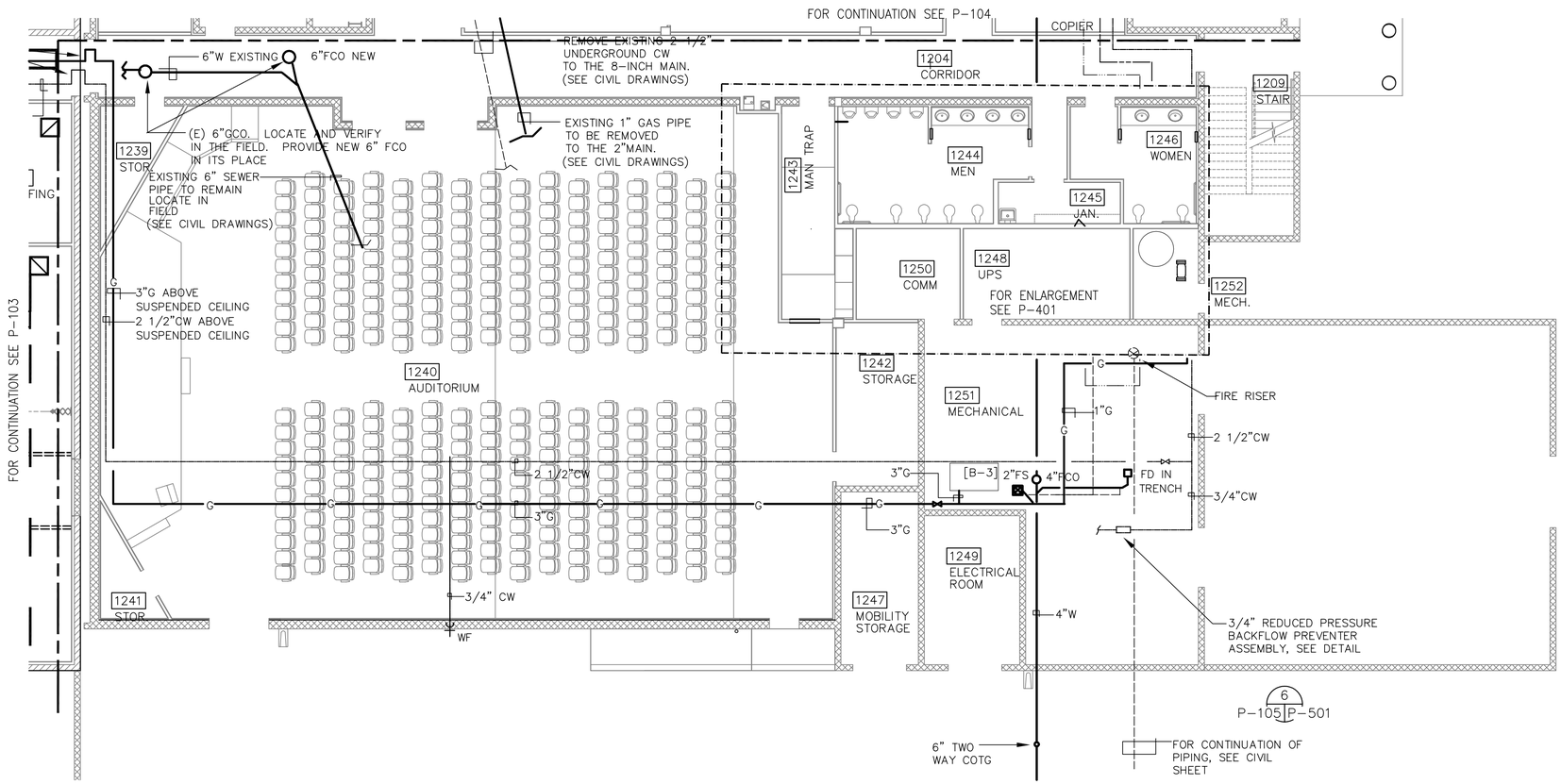
NELLIS AFB

F/A-22 ADD/ALTER WEAPONS SCHOOL

PLUMBING FLOOR PLAN
BUILDING 282 ADDITION
FIRST FLOOR AREA A

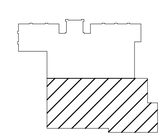
Sheet reference number:
P-104

Border Revised 03/01/04, DCS3/TD2.DWG



PLUMBING FLOOR PLAN – BUILDING 282 ADDITION – FIRST FLOOR AREA B

SCALE: 1/8" = 1'-0



KEY PLAN

NTS

GRAPHIC SCALE

1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Spec No.: 1304
Reviewed by:
Submitted by: /s/ Thomas E. Nissen
Chief, Mech./Elec. Sec.

Date: 10/21/05
Rev.
Design file no: 229-25-539
Drawing Code:
File name: N39P-104xxx.dwg
Plot date:
Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

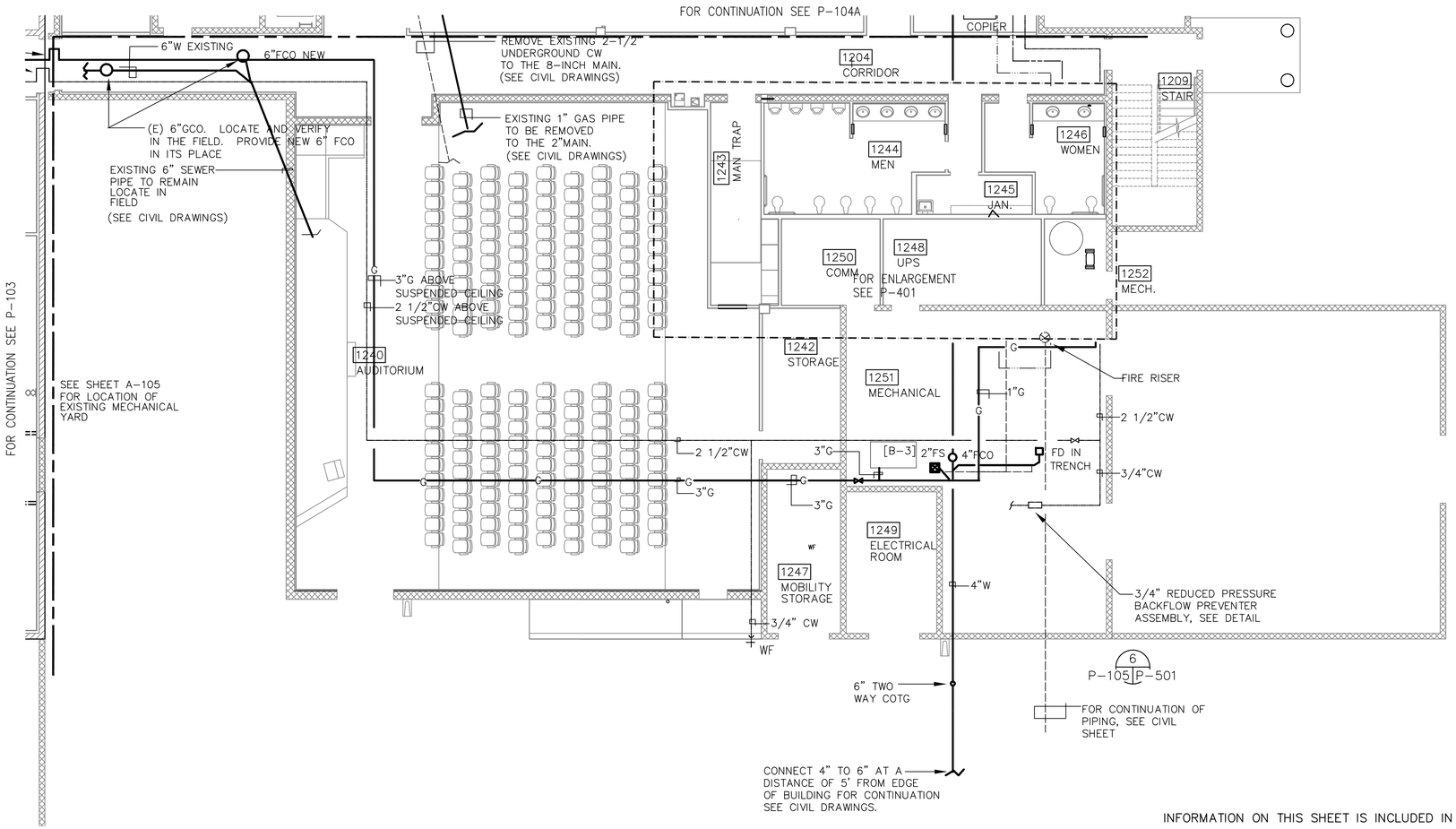
NELLIS AFB NEVADA

F/A-22 ADD/ALTER WEAPONS SCHOOL

PLUMBING FLOOR PLAN
BUILDING 282 ADDITION
FIRST FLOOR AREA B

Sheet reference number:
P-105

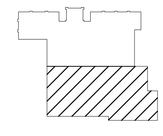
Border Revised 03/01/04, CEGHT022.DWG



INFORMATION ON THIS SHEET IS INCLUDED IN BID OPTION1

PLUMBING FLOOR PLAN – BUILDING 282 ADDITION – FIRST FLOOR AREA B

SCALE: 1/8" = 1'-0



KEY PLAN

NTS

GRAPHIC SCALE

1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Rev.

Date: 10/21/05
Design file no: 229-25-539
Drawing Code:
File name: N39P-104xxx.dwg
Plot date:
Dwg scale: AS_NOTED

Designed by: A. MORITA
Dwn by: J. FRESCAS
Spec No.: 1304
Reviewed by: S.B.
Submitted by: Chief, Mech./Elec. Des. Sec. Thomas E. Nissen

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NEVADA

NELLIS AFB

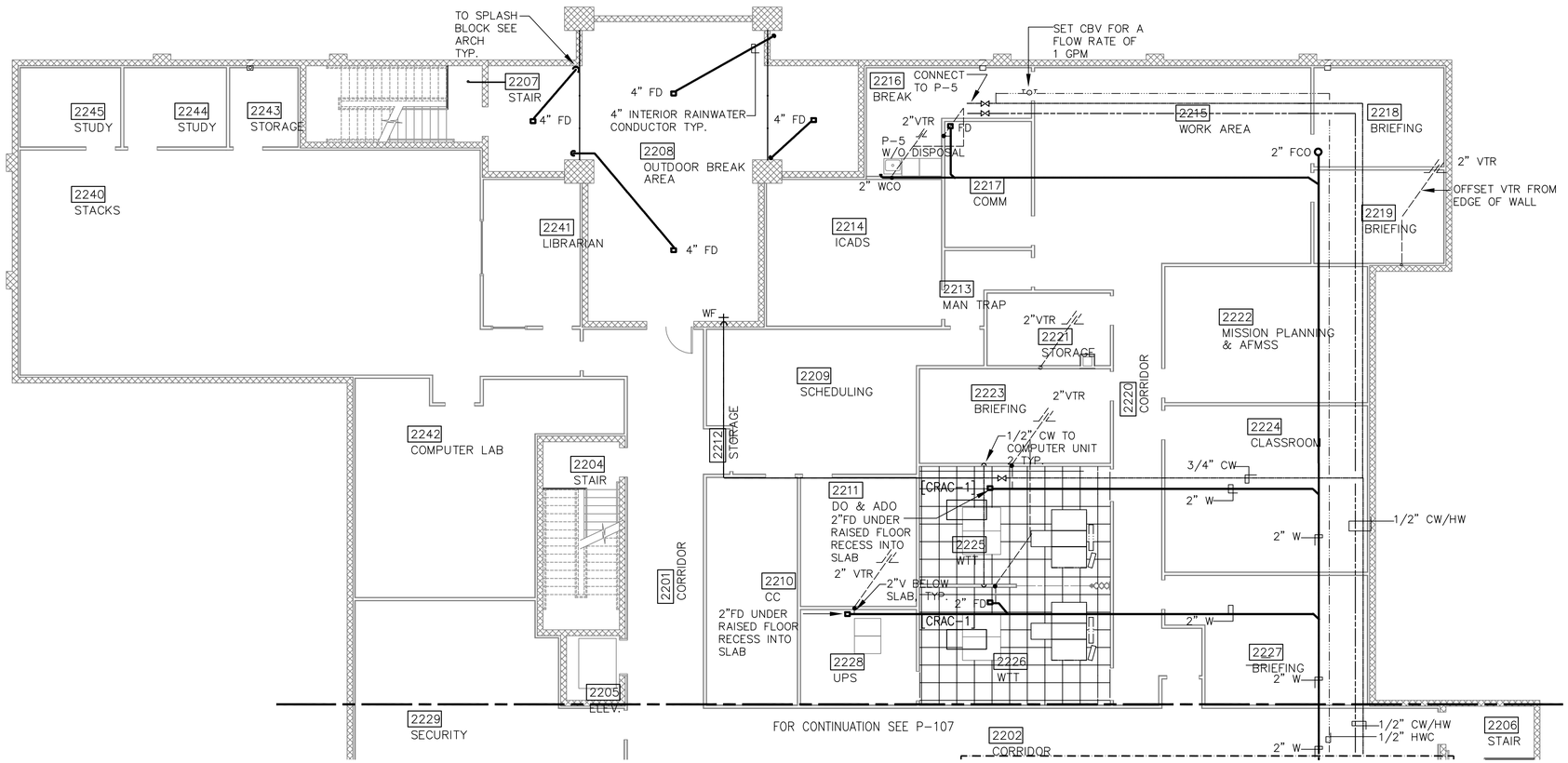
F/A-22 ADD/ALTER WEAPONS SCHOOL

PLUMBING FLOOR PLAN
BUILDING 282 ADDITION
FIRST FLOOR AREA B

Sheet reference number:
P-105A

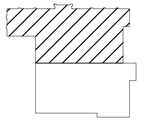
Border Revised 03/01/04, CDES1702.DWG

FOUR DRAINAGE LEADERS FROM THE OUTDOOR BREAK AREA ARE IN THE WALLS (NO DOWNSPOUTS). PIPES EXIT WALL PER DETAIL 11 ON A-510. SEE 11A-510, 6A-509 AND 2A-504 FOR DETAILS.



PLUMBING FLOOR PLAN – BUILDING 282 ADDITION – SECOND FLOOR AREA A

SCALE: 1/8" = 1'-0



KEY PLAN

NTS

GRAPHIC SCALE

1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by: S.B.
Submitted by: Alf Thomas E. Nissen, Chief, Mech./Elec. Des. Sec.
Date: 10/21/05
Spec No.: 1304
Design file no: 229-25-539
Drawing Code:
File name: N39P-105xxx.dwg
Plot date:
Dwg scale: AS_NOTED
Rev.

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

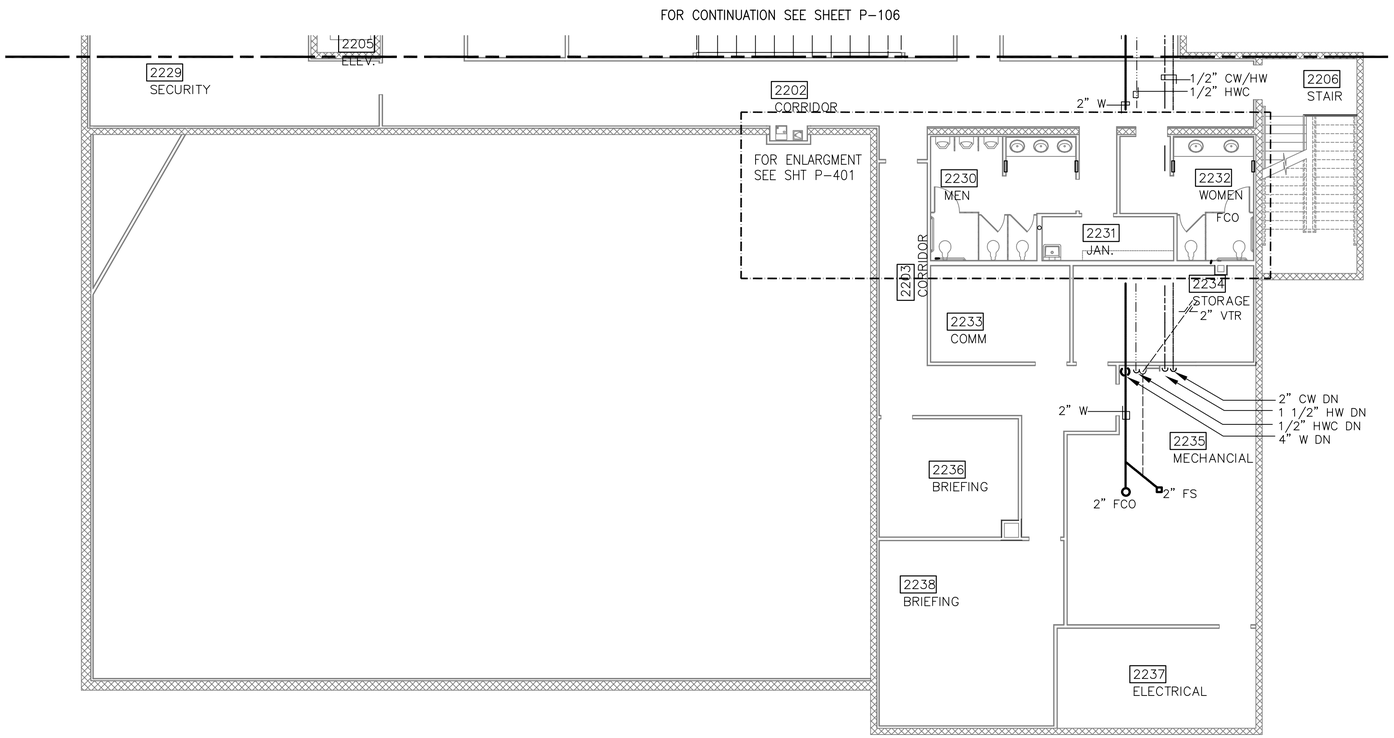
NELLIS AFB
NEVADA
F/A-22 ADD/ALTER WEAPONS SCHOOL

PLUMBING FLOOR PLAN
BUILDING 282 ADDITION
SECOND FLOOR AREA A

Sheet reference number:
P-106

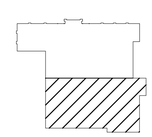
Border Revised 03/01/04, 02E3910.DWG

9/15/2004 10:50am N39P-105xxx.dwg



PLUMBING FLOOR PLAN – BUILDING 282 ADDITION – SECOND FLOOR AREA B

SCALE: 1/8" = 1'-0



KEY PLAN

NTS

GRAPHIC SCALE

1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Spec No.: 1304
Reviewed by: S.B.
Submitted by: /s/ Thomas E. Nissen Chief, Mech./Elec. Des. Sec.
Date: 10/21/05
Rev.
Design file no: 229-25-539
Drawing Code:
File name: N39P-106xxx.dwg
Plot date:
Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NELLIS AFB NEVADA

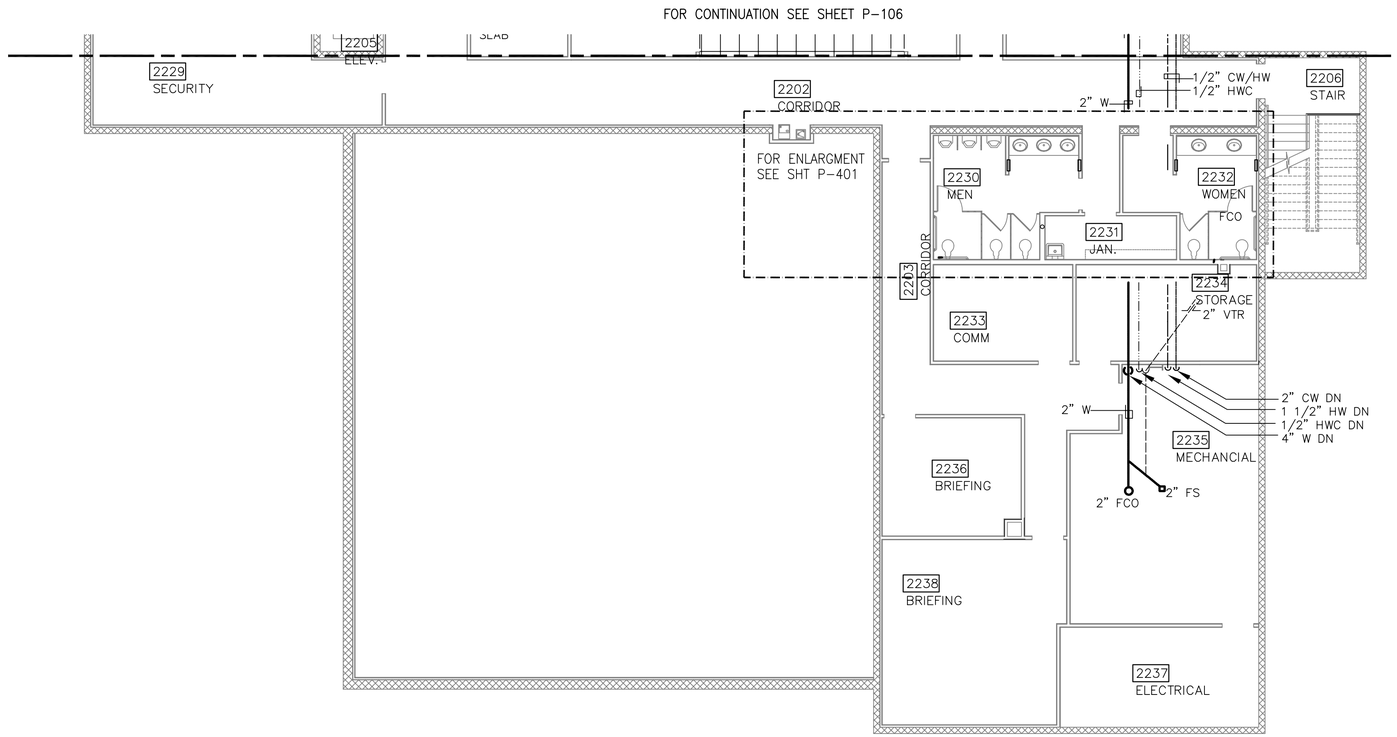
F/A-22 ADD/ALTER WEAPONS SCHOOL

PLUMBING FLOOR PLAN
BUILDING 282 ADDITION
SECOND FLOOR AREA B

Sheet reference number:
P-107

Border Revised 03/01/04, CEGHI32.DWG

9/15/2004 10:50am N39P-106xxx.dwg



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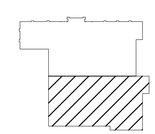

KEY PLAN

NTS

GRAPHIC SCALE

1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

PLUMBING FLOOR PLAN – BUILDING 282 ADDITION – SECOND FLOOR AREA B

SCALE: 1/8" = 1'-0

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Date: 10/21/05
Rev.
Design file no: 229-25-539
Spec. No.: 1304
Drawing Code:
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Plot date:
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Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by: S.B.
Submitted by: Ad/ Thomas E. Nilssen
Chief, Mech./Elec. Des. Sec.

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

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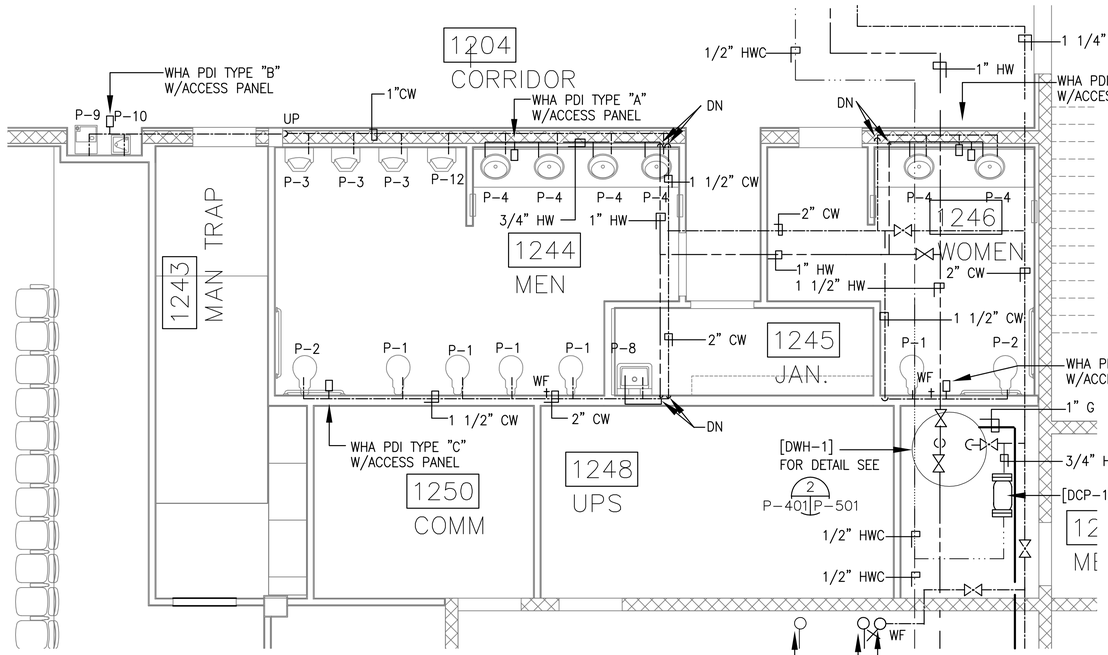
F/A-22 ADD/ALTER WEAPONS SCHOOL

PLUMBING FLOOR PLAN
BUILDING 282 ADDITION
SECOND FLOOR AREA B

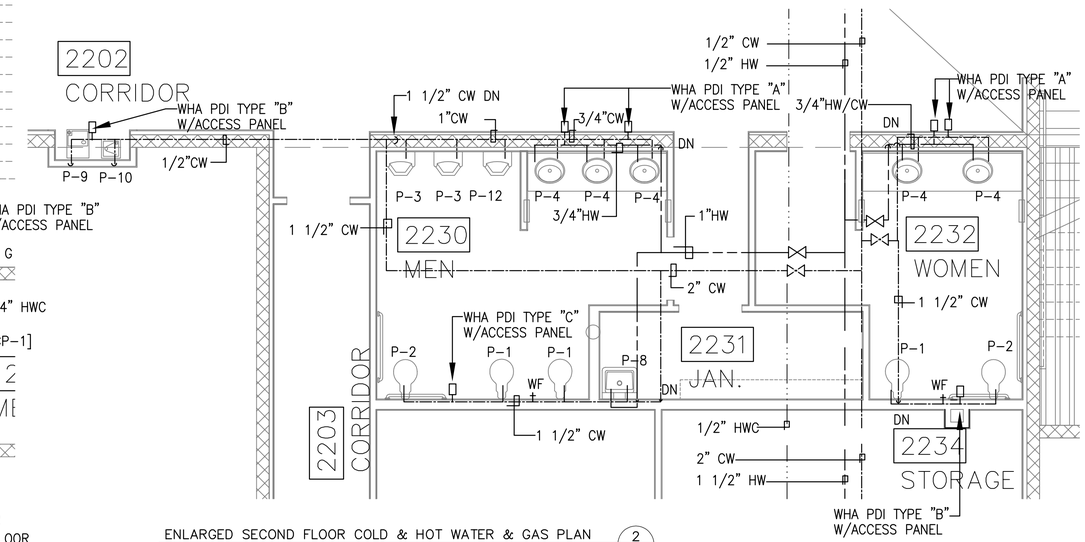
Sheet reference number:
P-107A

Border Revised 03/01/04, 002301D2.DWG

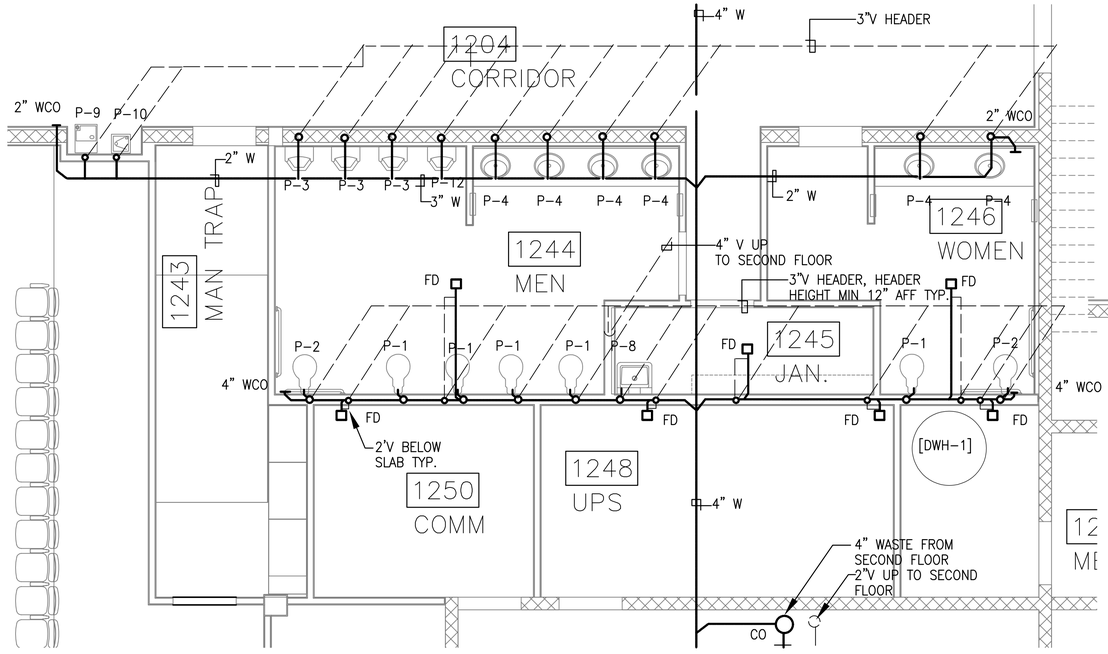
9/15/2004 10:50am N39P-106xxx.dwg



ENLARGED FIRST FLOOR COLD & HOT WATER & GAS PLAN (1)
SCALE: 1/4" = 1'-0 P-105 P-401

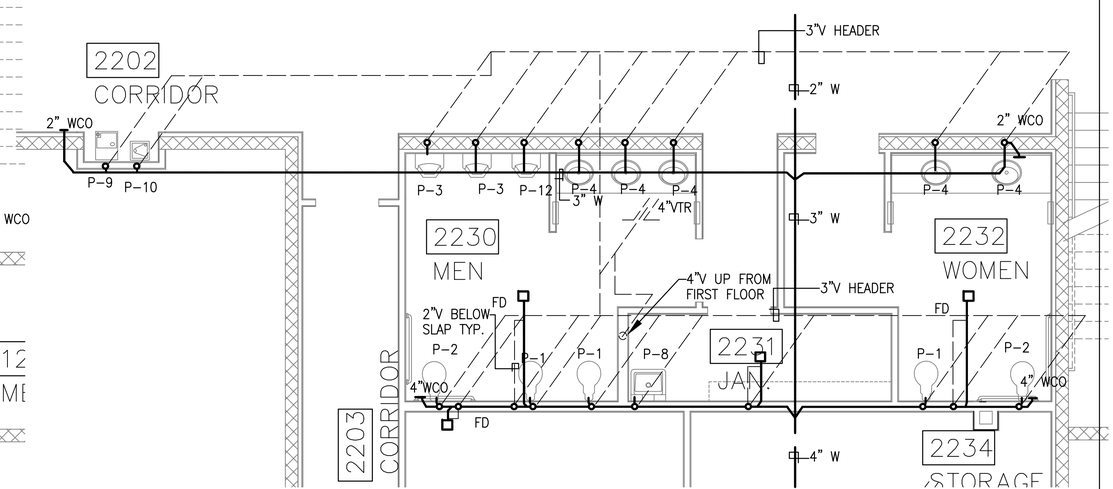


ENLARGED SECOND FLOOR COLD & HOT WATER & GAS PLAN (2)
SCALE: 1/4" = 1'-0 P-107 P-401



ENLARGED FIRST FLOOR WASTE & VENT PLAN (3)
SCALE: 1/4" = 1'-0 P-105 P-401

GRAPHIC SCALE
1/4"=1'-0" 0' 1' 2' 4' 8' 12'



ENLARGED SECOND FLOOR WASTE & VENT PLAN (4)
SCALE: 1/4" = 1'-0 P-107 P-401

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Rev.

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by: S.B.
Submitted by: Thomas E. Nissen, Chief, Mech./Elec. Des. Sec.
Date: 10/21/05
Spec No.: 1304
Design file no: 229-25-539
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Plot date:
Dwg scale: AS_NOTED

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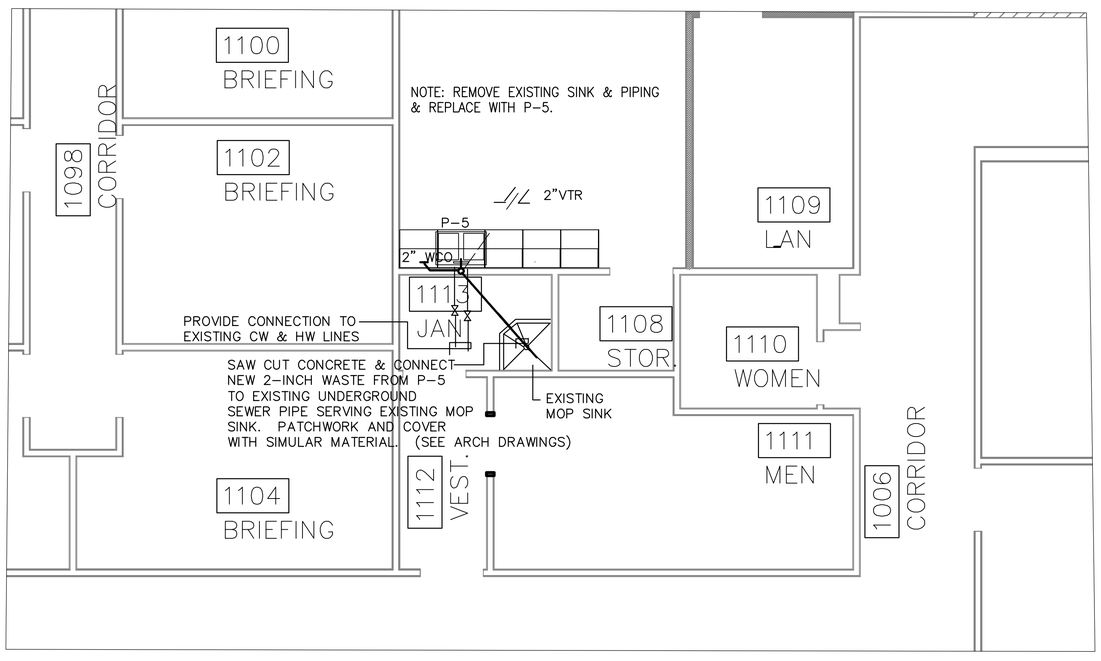
F/A-22 ADD/ALTER WEAPONS SCHOOL

ENLARGED PLUMBING FLOOR PLAN
BUILDING 282

Sheet reference number:
P-401

Border Revised 03/01/04, CE03/01/22.DWG



ENLARGED FIRST FLOOR WASTE & VENT PLAN (1 / P-103 P-402)
SCALE: 1/4" = 1'-0

GRAPHIC SCALE

0' 1' 2' 4' 8' 12'
1/4"=1'-0"

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by: S.B.
Submitted by: /s/ Thomas E. Nissen
Chief, Mech./Elec. Des. Sec.

Date: 10/21/05
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Design file no: 229-25-539
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File name: N39P402xxx.dwg
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Dwg scale: AS_NOTED

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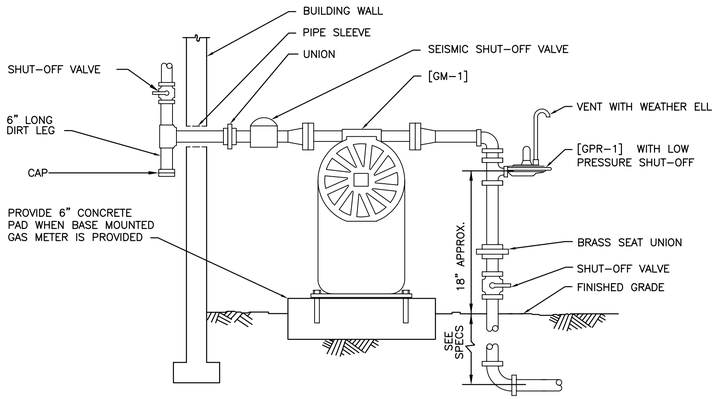
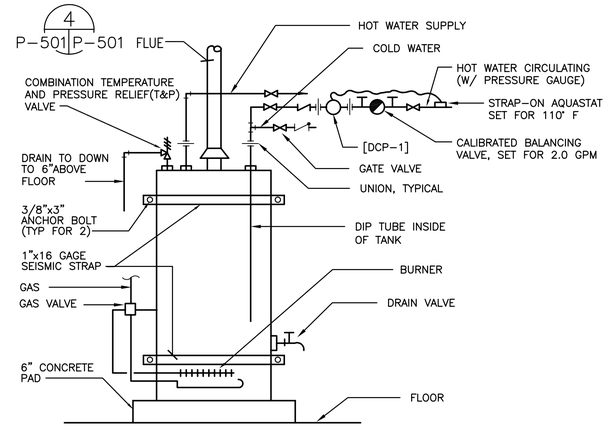
F/A-22 ADD/ALTER WEAPONS SCHOOL

ENLARGED PLUMBING FLOOR PLAN
BUILDING 282

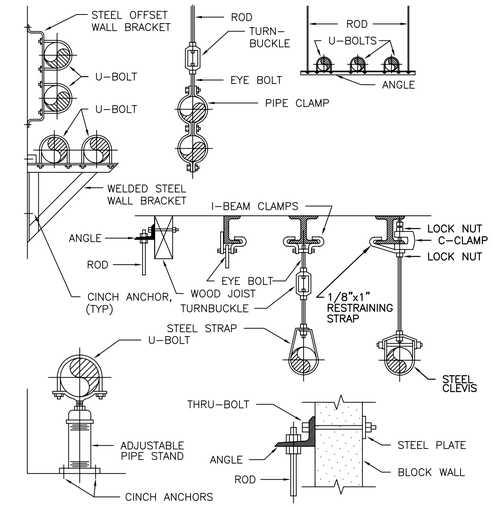
Sheet reference number:
P-402



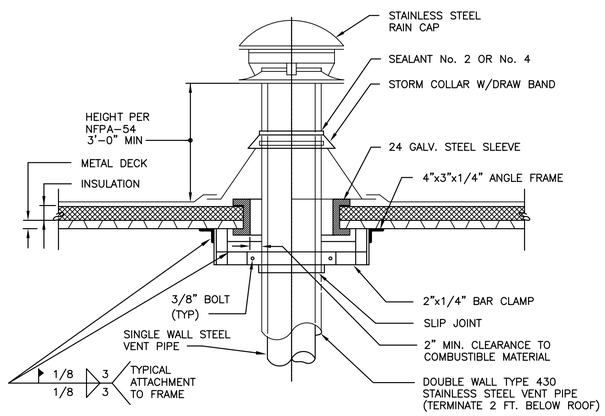
GAS METER & REGULATOR DETAIL (1)
SCALE — NONE
P-103 | P-501



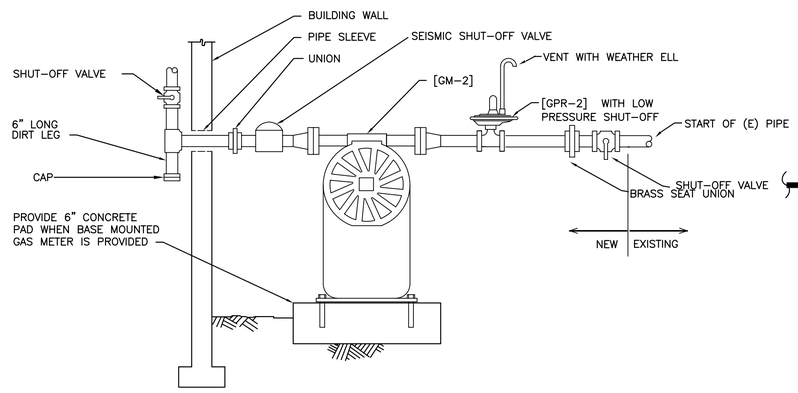
GAS FIRED WATER HEATER (2)
SCALE — NONE
P-401 | P-501



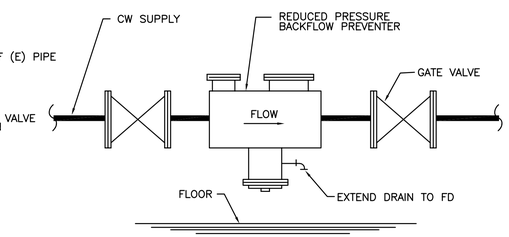
TYPICAL PIPE SUPPORT DETAILS (3)
SCALE — NONE
TYP. | P-501



FLUE DETAIL (4)
SCALE — NONE
P-501 | P-501



(N) GAS METER & REGULATOR DETAIL (5)
SCALE — NONE
P-102 | P-501



REDUCED PRESSURE BACKFLOW PREVENTER (6)
SCALE — NONE
TYP. | P-501

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Rev.

Date: 10/21/05
Design file no: 229-25-539
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Designed by: A.M.
Dwn by: A.M.
Spec No.: 1304
Reviewed by: S.B.
Submitted by: Chief, XXXX Des. Sec.

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
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1325 J STREET
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F/A-22 ADD/ALTER WEAPONS SCHOOL
PLUMBING DETAILS

Sheet reference number:
P-501

Border Revised 08/30/04 CCESIGN22.DWG

PLUMBING LEGEND AND ABBREVIATIONS

SYMBOL	ABBR	DESCRIPTION	SYMBOL	ABBR	DESCRIPTION	SYMBOL	ABBR	DESCRIPTION	SYMBOL	ABBR	DESCRIPTION
					TEE UP		DN	DOWN		NC	NORMALLY CLOSED
	AGV	ANGLE GATE VALVE			THERMOMETER IN WELL		EVAC	EVACUATION		NO	NORMALLY OPEN
		ARROW INDICATES DIRECTION OF FLOW						UNION		O.C.	ON CENTER
DN		ARROW INDICATES DIRECTION OF PIPE SLOPING DOWN			VENT BELOW GRADE		FCO	FLOOR CLEAN OUT		POL	PETROLEUM, OIL, LUBRICANT
					INCREASER/DECREASER			VENT THRU ROOF		PH	PHASE
CA	CA	COMPRESSED AIR	G	G	NATURAL GAS		WF	WATER FAUCET		PDI	PLUMBING DRAINAGE INSTITUTE
	CAO	COMPRESSED AIR OUTLET		MAV	MANUAL AIR VENT TERMINATED WITH 1/4" GLOBE VALVE		GA	GAGE OR GAUGE		LBS	POUNDS
	CkV	CHECK VALVE			"Y" STRAINER		GAL	GALLON		PSIG	POUNDS PER SQUARE INCH GAGE
		CAPPED PIPE			"Y" STRAINER WITH BLOW-OFF VALVE		GPH	GALLONS PER HOUR		RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
		CALIBRATED BALANCING VALVE WITH PRESSURE GAGE CONNECTIONS			PIPE DOWN		AFF	ABOVE FINISHED FLOOR		RPM	REVOLUTIONS PER MINUTE
CO		CLEANOUT			PIPE UP		FD	FLOOR DRAIN		SPEC	SPECIFICATIONS
	COTG	CLEANOUT TO GRADE			PLUG VALVE		GPM	GALLONS PER MINUTE		SCFM	STANDARD CUBIC FEET MIN.
ø		DIAMETER		PG	PRESSURE GAGE		ARCH	ARCHITECTURAL		(E)	EXISTING
	CW	DOMESTIC COLD WATER		PRV	PRESSURE REDUCING VALVE		BLDG	BUILDING		MBH	THOUSAND BRITSH THERMAL UNITS PER HR
	HW	DOMESTIC HOT WATER			RELIEF VALVE (R) OR SAFETY VALVE (S)		CLG	CEILING		TYP	TYPICAL
[C-1]		ENDICATES EQUIPMENT OR PLUMBING FIXTURE LISTED IN SCHEDULES			SANITARY SEWER VENT		COTG	CLEANOUT TO GRADE		V	VENT
		FLEXIBLE PIPING		W	SOIL/WASTE		CFM	CUBIC FEET PER MINUTE		VTR	VENT THRU ROOF
	FC	FLEXIBLE PIPE CONNECTION		HWC	DOMESTIC HOT WATER CIRCULATING		(N)	NEW		WC	WATER COLUMN, WASTE COOLANT
FS		FLOOR SINK		WF	WALL FAUCET		LPG	COMMERCIAL PROPANE		WO	WASTE OIL
FD		FLOOR DRAIN		CBV	CALIBRATING BALANCING VALVE		DIA	DIAMETER		WCO	WALL CLEAMOUT
	GV	GATE VALVE			TEE DOWN		DWH	DOMESTIC WATER HEATER		WH	WALL HYDRANT

PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	WASTE *	VENT	COLD WATER	HOT WATER
P-1	WATER CLOSET	4	2	1	–
P-2	WATER CLOSET – HANDICAPPED	4	2	1	–
P-3	URINAL	2	1 1/2	3/4	–
P-4	LAVATORY, OVAL	1 1/2	1 1/2	1/2	1/2
P-5	KITCHEN SINK WITH GARBAGE FOOD DISPOSAL	1 1/2	1 1/2	1/2	1/2
P-7	DISH WASHER (CONTRACTOR TO PREP FOR FUTURE)	2	1 1/2	1/2	1/2
P-8	SERVICE SINK	3	1 1/2	1/2	1/2
P-9	WATER COOLER DRINKING FOUNTAIN	1 1/2	1 1/2	1/2	–
P-10	WATER COOLER DRINKING FOUNTAIN, HANDICAPPED	1 1/2	1 1/2	1/2	–
P-11	SHOWERS	1 1/2	1 1/2	1/2	1/2
P-12	HANDICAP URINAL	2	1 1/2	3/4	–
WF	WALL FAUCET	–	–	3/4	–

* MINIMUM ROUGH-IN SIZE FOR WASTE PIPING SHALL BE 2-INCH.

GENERAL NOTES: APPLIES TO ALL PLUMBING SHEETS

1. INSTALL ALL PIPING TO AVOID ARCHITECTURAL FRAMING, STRUCTURAL MEMBERS AND OTHER OBSTRUCTIONS. COORDINATE PIPING LOCATIONS (PLACING PIPE SLEEVES IN FLOORS OR WALLS) WITH APPLICACBLE CONTRACT DRAWINGS.
2. ALL PIPING SHALL BE CONCEALED IN FURRED SPACES UNLESS OTHERWISE INDICATED. DO NOT CUT EXISTING SLAB REINFORCING. THE CONTRACTOR SHALL LOCATE EXISTING REINFORCING USING NONDESTRUCTIVE TESTING PRIOR TO CORING THE SLAB.
3. WHEN NEW PIPING CONNECT TO EXISTING PIPING. A LINE SIZE ISOLATION VALVE SHALL BE INSTALLED AT THAT POINT IN THE NEW PIPING VALVES SHALL BE PER SPECIFICATION.
5. ALL FLOOR DRAINS SHALL BE 2 INCHES SIZE UNLESS OTHERWISE INDICATED.
6. CONNECT NEW COLD WATER AND GAS LINES TO EXISTING EQUIPMENT. (CONTRACTOR TO LOCATE IN THE BUILDING) SIZE OF PIPE TO MATCH EXISTING UNLESS OTHERWISE INDICATED. PROVIDE GAS PRESSURE REGULATOR FOR NEW AND EXISTING EQUIPMENT.
7. INSTALL ALL NEW PLUMBING FIXTURES AND NEW DRAINS AS INDICATED ON THE ARCHITECTURAL DRAWINGS.
8. LOCATE ALL MECHANICAL ROOM DRAINS TO BEST SUIT EQUIPMENT LAYOUT.
9. ALL VALVES AND OTHER PIPING SYSTEM SPECIALTIES SHALL BE FULL LINE SIZE UNLESS OTHERWISE INDICATED.
10. PROVIDE GATE VALVES ON EACH BRANCH WATER LINE SERVING FIVE OR MORE FIXTURES.

US Army Corps of Engineers
Sacramento District

Symbol | Description | Date | Approved

Rev.
Date: 10/21/05
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Designed by: A.M.
Dwn by: A.M.
Spec No.: 1304
Reviewed by: S.B.
Submitted by: A.M. Section Chief
Chief, XXXX Des. Sec.

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
IN-HOUSE DESIGN
1325 J STREET
SACRAMENTO, CA 95814-2922

NELLIS AFB NEVADA
F/A-22 ADD/ALTER WEAPONS SCHOOL
PLUMBING LEGEND AND ABBREVIATIONS

Sheet reference number:
P-601

Border Revised 08/30/04 CCESKOTCZ.DWG

DOMESTIC HOT WATER CIRCULATING PUMP

SYMBOL	MINIMUM CAPACITY GPM	TOTAL DYNAMIC HD FT WC	TYPE	MAXIMUM RPM	PUMP MOTOR				REMARKS
					NOMINAL HP	VOLTAGE	PHASE	HERTZ	
[DCP-1]	2.0	16	SEE SPECS	3600	1/12	115	1	60	IN-LINE PUMP, AQUASTAT CONTROL, SET TO MAINTAIN 110°F

WATER COOLER

SYMBOL	MINIMUM CAPACITY GPH	TYPE	COMPRESSOR MOTOR			REMARKS
			VOLTAGE	PHASE	HERTZ	
P-9	8	ELECTRIC	115	1	60	
P-10	8	ELECTRIC	115	1	60	

WATER METER

SYMBOL	METER SIZE	MAXIMUM CONTINUOUS OPERATION GPM	TYPE	REMARKS
[WM-1]	3"	240	TURBINE	RUST FREE BRONZE MAIN CASING, US GALLON REGISTRATION, METER TO BE EQUIPPED WITH ELECTRONIC TRANSMITTER FOR REMOTE MONITORING

DOMESTIC WATER HEATER,GAS

SYMBOL	MINIMUM STORAGE GALLONS	CAPACITY GPH @ 90 DEG RISE	INPUT BTUH	MATERIAL AND WORKING PRESS	REMARKS
[DWH-1]	100	80.0	80000	GLASS LINED SEE SPEC FOR WORKING PRESS	

GAS PRESSURE REGULATOR

SYMBOL	MINIMUM FLOW CFH	INLET PRESSURE PSIG	OUTLET PRESSURE	TYPE OF GAS	REMARKS
[GPR-1]	3000	35	1 PSIG	NAT	
[GPR-2]	1000	35	0.5 PSIG	NAT	

GAS METER

SYMBOL	MINIMUM FLOW CFH	INLET PRESSURE PSIG	TYPE OF GAS	REMARKS
[GM-1]	3000	1.0	NAT	METER TO BE EQUIPPED WITH TRANSMITTER FOR REMOTE MONITORING
[GM-2]	1000	0.5	NAT	

GENERAL NOTE:

EQUIPMENT SHALL MEET THE PERFORMANCE REQUIREMENTS LISTED IN THE EQUIPMENT SCHEDULE AT A SITE ELEVATION OF 1868 FEET ABOVE SEA LEVEL.

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A.M.
Dwn by: A.M.
Spec No.: 1304
Reviewed by: S.B.
Submitted by:
Chief, XXXX Des. Sec.
Date: 10/21/05
Rev:
Design file no: 229-25-539
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File name:
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Dwg scale: AS_NOTED

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

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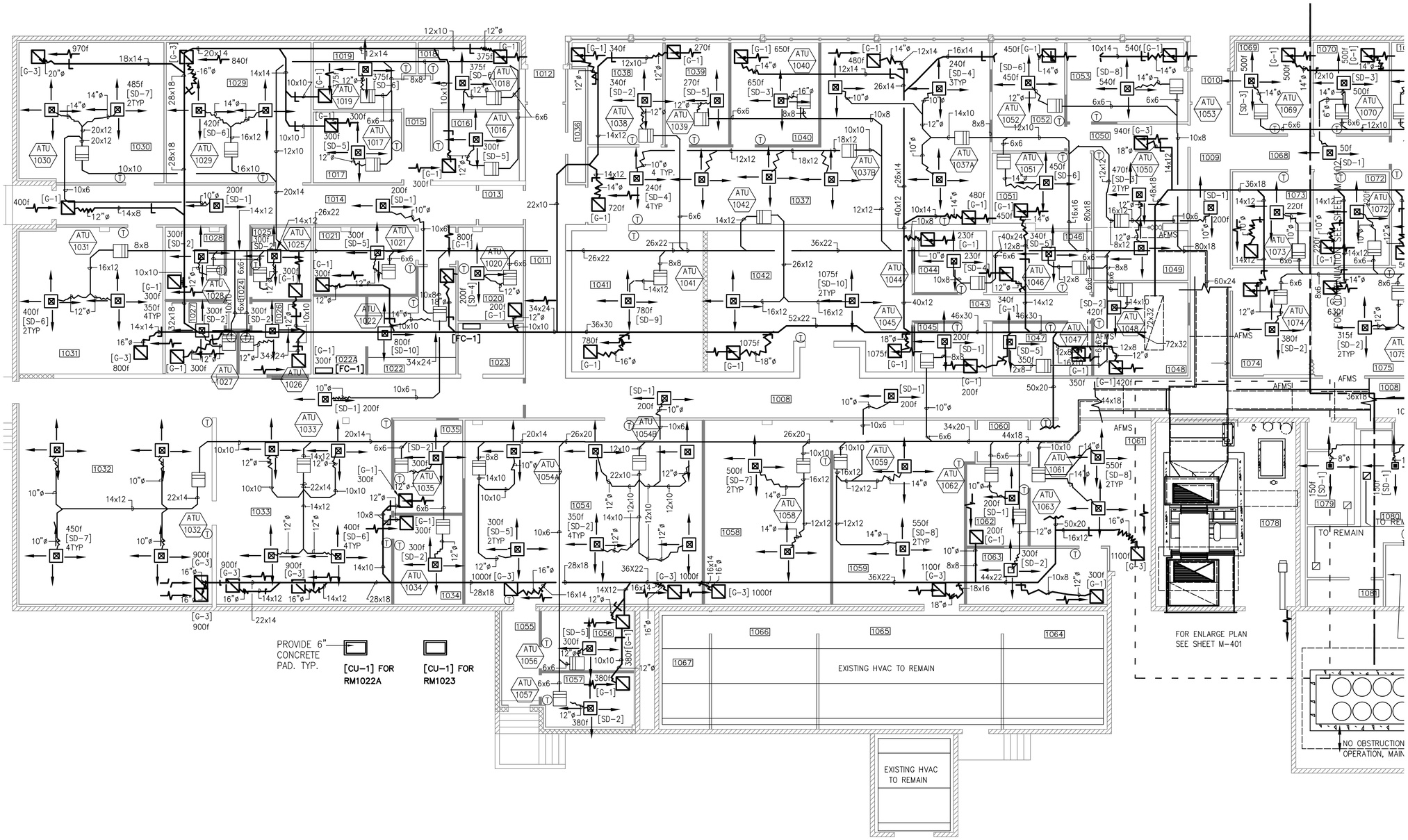
F/A-22 ADD/ALTER WEAPONS SCHOOL
SCHEDULES

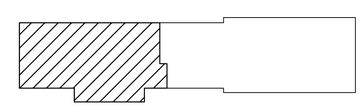
Sheet reference number:
P-602

Border Revised 08/03/04, CDESHT02.DWG



MECHANICAL FLOOR PLAN – BUILDING 282 – AREA A

SCALE: 1/8" = 1'-0



KEY PLAN

NTS

GRAPHIC SCALE

1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by: S.B.
Submitted by: Thomas E. Nissen, Chief, Mech/Elec Des. Sec.
Date: 10/21/05
Spec No.: 1304
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Rev.

DEPARTMENT OF THE ARMY
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SACRAMENTO, CA 95814-2922

NELLIS AFB

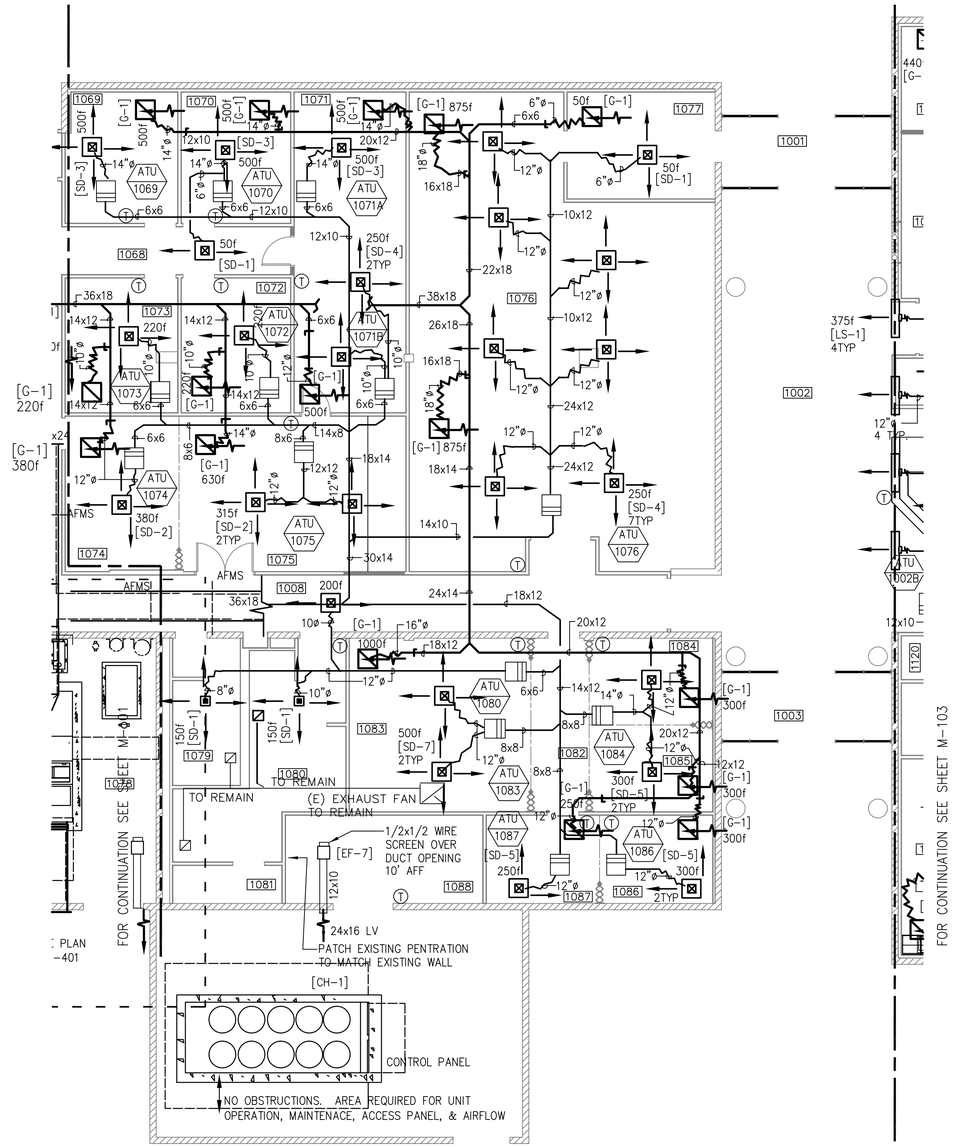
NEVADA

F/A-22 ADD/ALTER WEAPONS SCHOOL

MECHANICAL FLOOR PLAN
BUILDING 282
FLOOR PLAN AREA A

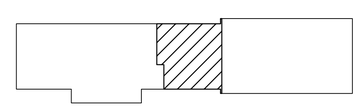
Sheet reference number:

M-101



MECHANICAL FLOOR PLAN – BUILDING 282 – AREA B

SCALE: 1/8" = 1'-0



KEY PLAN

NTS

GRAPHIC SCALE

1/8"=1'-0" 0' 2' 4' 8' 16' 24'

REFERENCE

NORTH

US Army Corps of Engineers
Sacramento District

Symbol	Description	Date	Approved

Designed by: A. MORITA
Dwn by: J. FRESCAS
Reviewed by: S.B.
Submitted by: Const. Mech./Elec. Eng. Sec.
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Drawing Code:
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DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SACRAMENTO DISTRICT
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SACRAMENTO, CA 95814-2922

NEVADA

NELLIS AFB

F/A-22 ADD/ALTER WEAPONS SCHOOL

MECHANICAL FLOOR PLAN
BUILDING 282
FLOOR PLAN AREA B

Sheet reference number:
M-102

Border Revised 03/01/04, CKESHITSZ.DWG