

**Fort Irwin Military Communities**  
National Training Center  
PO Box 10594  
Fort Irwin, CA 92310-9521

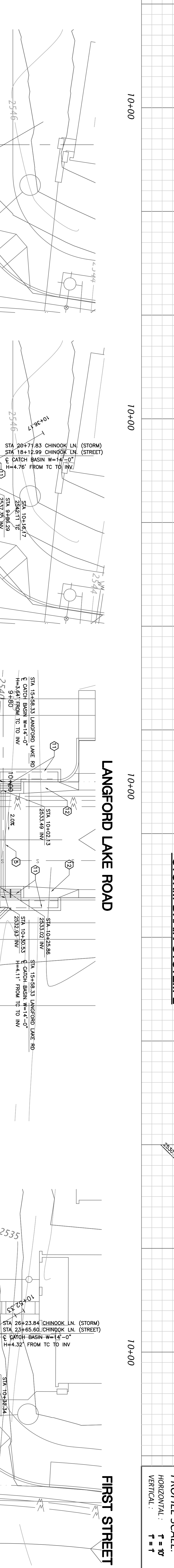
**Owner**  
California Military Communities, LLC  
5th Street and South Loop Rd  
Fort Irwin, CA 92310  
760.366.9114 FAX: 760.366.9120

**Architects and Planners**  
John F. Torti Architectural Corp.  
TIA  
Tort Gallas and Partners, Inc.  
1300 Spring Street,  
4th Floor  
Silver Spring, MD 20910  
301.586.4800  
www.tortgallas.com

**Civil Engineer**  
Merrell-Johnson Engineering, Inc.  
12138 Industrial Blvd, Ste 200  
Victorville, CA 92355  
760.241.6146

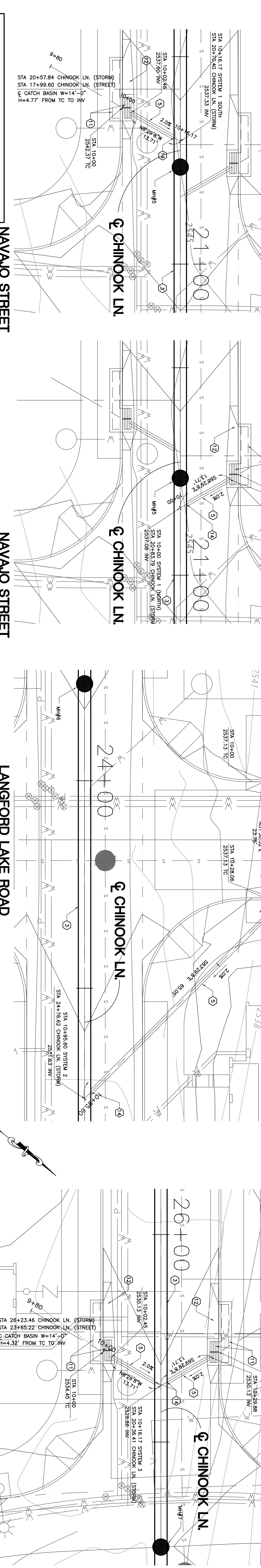
**MEP (Heating)**  
Farr Engineering Company, Inc.  
3019 Erwin Lane, Suite 200  
Miami Creek, CA 94558  
925.632.5055

**Structural**  
L.S. Mason and Associates  
3489 Mc Diablo Blvd.  
Suite B-120  
Laguna, CA 92659  
925.835.8605



**Merrell-Johnson Engineering, Inc.**  
12138 INDUSTRIAL BLVD. #240  
VICTORVILLE, CALIFORNIA 92395  
(760) 256-9595 (760) 256-9698 (760) 241-1414  
(760) 241-0566 FAX

128 E. FREDRICKS STREET  
BARSTOW, CALIFORNIA 92311  
(760) 256-9595 (760) 256-9698 (760) 256-9418 FAX



**Key Plan**

**Revisions**

No.	Date	Description
1	02/22/2007	Initial Design

**GENERAL NOTE:**

ALL DIMENSIONS FOR 2006 SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK) SECTION 301.

**STRUCTURAL DATA**

W	THICKNESS	W	THICKNESS	W	THICKNESS
24" (6")	1	24" (6")	1	24" (6")	1
36" (9")	2	36" (9")	2	36" (9")	2
48" (12")	3	48" (12")	3	48" (12")	3
60" (15")	4	60" (15")	4	60" (15")	4
72" (18")	5	72" (18")	5	72" (18")	5
84" (21")	6	84" (21")	6	84" (21")	6
96" (24")	7	96" (24")	7	96" (24")	7
108" (27")	8	108" (27")	8	108" (27")	8
120" (30")	9	120" (30")	9	120" (30")	9
132" (33")	10	132" (33")	10	132" (33")	10
144" (36")	11	144" (36")	11	144" (36")	11
156" (39")	12	156" (39")	12	156" (39")	12
168" (42")	13	168" (42")	13	168" (42")	13
180" (45")	14	180" (45")	14	180" (45")	14
192" (48")	15	192" (48")	15	192" (48")	15
204" (51")	16	204" (51")	16	204" (51")	16
216" (54")	17	216" (54")	17	216" (54")	17
228" (57")	18	228" (57")	18	228" (57")	18
240" (60")	19	240" (60")	19	240" (60")	19
252" (63")	20	252" (63")	20	252" (63")	20
264" (66")	21	264" (66")	21	264" (66")	21
276" (69")	22	276" (69")	22	276" (69")	22
288" (72")	23	288" (72")	23	288" (72")	23
300" (75")	24	300" (75")	24	300" (75")	24
312" (78")	25	312" (78")	25	312" (78")	25
324" (81")	26	324" (81")	26	324" (81")	26
336" (84")	27	336" (84")	27	336" (84")	27
348" (87")	28	348" (87")	28	348" (87")	28
360" (90")	29	360" (90")	29	360" (90")	29
372" (93")	30	372" (93")	30	372" (93")	30
384" (96")	31	384" (96")	31	384" (96")	31
396" (99")	32	396" (99")	32	396" (99")	32
408" (102")	33	408" (102")	33	408" (102")	33
420" (105")	34	420" (105")	34	420" (105")	34
432" (108")	35	432" (108")	35	432" (108")	35
444" (111")	36	444" (111")	36	444" (111")	36
456" (114")	37	456" (114")	37	456" (114")	37
468" (117")	38	468" (117")	38	468" (117")	38
480" (120")	39	480" (120")	39	480" (120")	39
492" (123")	40	492" (123")	40	492" (123")	40
504" (126")	41	504" (126")	41	504" (126")	41
516" (129")	42	516" (129")	42	516" (129")	42
528" (132")	43	528" (132")	43	528" (132")	43
540" (135")	44	540" (135")	44	540" (135")	44
552" (138")	45	552" (138")	45	552" (138")	45
564" (141")	46	564" (141")	46	564" (141")	46
576" (144")	47	576" (144")	47	576" (144")	47
588" (147")	48	588" (147")	48	588" (147")	48
600" (150")	49	600" (150")	49	600" (150")	49
612" (153")	50	612" (153")	50	612" (153")	50
624" (156")	51	624" (156")	51	624" (156")	51
636" (159")	52	636" (159")	52	636" (159")	52
648" (162")	53	648" (162")	53	648" (162")	53
660" (165")	54	660" (165")	54	660" (165")	54
672" (168")	55	672" (168")	55	672" (168")	55
684" (171")	56	684" (171")	56	684" (171")	56
696" (174")	57	696" (174")	57	696" (174")	57
708" (177")	58	708" (177")	58	708" (177")	58
720" (180")	59	720" (180")	59	720" (180")	59
732" (183")	60	732" (183")	60	732" (183")	60
744" (186")	61	744" (186")	61	744" (186")	61
756" (189")	62	756" (189")	62	756" (189")	62
768" (192")	63	768" (192")	63	768" (192")	63
780" (195")	64	780" (195")	64	780" (195")	64
792" (198")	65	792" (198")	65	792" (198")	65
804" (201")	66	804" (201")	66	804" (201")	66
816" (204")	67	816" (204")	67	816" (204")	67
828" (207")	68	828" (207")	68	828" (207")	68
840" (210")	69	840" (210")	69	840" (210")	69
852" (213")	70	852" (213")	70	852" (213")	70
864" (216")	71	864" (216")	71	864" (216")	71
876" (219")	72	876" (219")	72	876" (219")	72
888" (222")	73	888" (222")	73	888" (222")	73
900" (225")	74	900" (225")	74	900" (225")	74
912" (228")	75	912" (228")	75	912" (228")	75
924" (231")	76	924" (231")	76	924" (231")	76
936" (234")	77	936" (234")	77	936" (234")	77
948" (237")	78	948" (237")	78	948" (237")	78
960" (240")	79	960" (240")	79	960" (240")	79
972" (243")	80	972" (243")	80	972" (243")	80
984" (246")	81	984" (246")	81	984" (246")	81
996" (249")	82	996" (249")	82	996" (249")	82
1008" (252")	83	1008" (252")	83	1008" (252")	83
1020" (255")	84	1020" (255")	84	1020" (255")	84
1032" (258")	85	1032" (258")	85	1032" (258")	85
1044" (261")	86	1044" (261")	86	1044" (261")	86
1056" (264")	87	1056" (264")	87	1056" (264")	87
1068" (267")	88	1068" (267")	88	1068" (267")	88
1080" (270")	89	1080" (270")	89	1080" (270")	89
1092" (273")	90	1092" (273")	90	1092" (273")	90
1104" (276")	91	1104" (276")	91	1104" (276")	91
1116" (279")	92	1116" (279")	92	1116" (279")	92
1128" (282")	93	1128" (282")	93	1128" (282")	93
1140" (285")	94	1140" (285")	94	1140" (285")	94
1152" (288")	95	1152" (288")	95	1152" (288")	95
1164" (291")	96	1164" (291")	96	1164" (291")	96
1176" (294")	97	1176" (294")	97	1176" (294")	97
1188" (297")	98	1188" (297")	98	1188" (297")	98
1200" (300")	99	1200" (300")	99	1200" (300")	99
1212" (303")	100	1212" (303")	100	1212" (303")	100
1224" (306")	101	1224" (306")	101	1224" (306")	101
1236" (309")	102	1236" (309")	102	1236" (309")	102
1248" (312")	103	1248" (312")	103	1248" (312")	103
1260" (315")	104	1260" (315")	104	1260" (315")	104
1272" (318")	105	1272" (318")	105	1272" (318")	105
1284" (321")	106	1284" (321")	106	1284" (321")	106
1296" (324")	107	1296" (324")	107	1296" (324")	107
1308" (327")	108	1308" (327")	108	1308" (327")	108
1320" (330")	109	1320" (330")	109	1320" (330")	109
1332" (333")	110	1332" (333")	110	1332" (333")	110
1344" (336")	111	1344" (336")	111	1344" (336")	111
1356" (339")	112	1356" (339")	112	1356" (339")	112
1368" (342")	113	1368" (342")	113	1368" (342")	113
1380" (345")	114	1380" (345")	114	1380" (345")	114
1392" (348")	115	1392" (348")	115	1392" (348")	115
1404" (351")	116	1404" (351")	116	1404" (351")	116
1416" (354")	117	1416" (354")	117	1416" (354")	117
1428" (357")	118	1428" (357")	118	1428" (357")	118
1440" (360")	119	1440" (360")	119	1440" (360")	119
1452" (363")	120	1452" (363")	120	1452" (363")	120
1464" (366")	121	1464" (366")	121	1464" (366")	121
1476" (369")	122	1476" (369")	122	1476" (369")	122
1488" (372")	123	1488" (372")	123	1488" (372")	123
1500" (375")	124	1500" (375")	124	1500" (375")	124
1512" (378")	125	1512" (378")	125	1512" (378")	125
1524" (381")	126	1524" (381")	126	1524" (381")	126
1536" (384")	127	1536" (384")	127	1536" (384")	127
1548" (387")	128	1548" (387")	128	1548" (387")	128
1560" (390")	129	1560" (390")	129	1560" (390")	129
1572" (393")	130	1572" (393")	130	1572" (393")	130
1584" (396")	131	1584" (396")	131	1584" (396")	131
1596" (399")	132	1596" (399")	132	1596" (399")	132
1608" (402")	133	1608" (402")	133	1608" (402")	133
1620" (405")	134	1620" (405")	134	1620" (405")	134
1632" (408")	135	1632" (408")	135	1632" (408")	135
1644" (411")	136	1644" (411")	136	1644" (411")	136
1656" (414")	137	1656" (414")	137	1656" (414")	137
1668" (417")	138	1668" (417")	138	1668" (417")	138
1680" (420")	139	1680" (420")	139	1680" (420")	139
1692" (423")	140	1692" (423")	140	1692" (423")	140
1704" (426")	141	1704" (426")	141	1704" (426")	141
1716" (429")	142	1716" (429")	142	1716" (429")	142
1728" (432")	143	1728" (432")	143	1728" (432")	143
1740" (435")	144	1740" (435")	144	1740" (435")	144
1752" (438")	145	1752" (438")	145	1752" (438")	145
1764" (441")	146	1764" (441")	146	1764" (441")	146
1776" (444")	147	1776" (444")	147	1776" (444")	147
1788" (447")	148	1788" (447")	148	1788" (447")	148
1800" (450")	149	1800" (450")	149	1800" (450")	149
1812" (453")	150	1812" (453")	150	1812" (453")	150
1824" (456")	151	1824" (456")	151	1824" (456")	151
1836" (459")	152	1836" (459")	152	1836" (459")	152
1848" (462")	153	1848" (462")	153	1848" (462")	153
1860" (465")	154	1860" (465")	154	1860" (465")	154
1872" (468")	155	1872" (468")	155	1872" (468")	155
1884" (471")	156	1884" (471")	156	1884" (471")	156
1896" (474")	157	1896" (474")	157	1896" (474")	157
1908" (477")	158	1908" (477")	158	1908" (477")	158
1920" (480")	159	1920" (480")	159	1920" (480")	159
1932" (483")	160	1932" (483")	160	1932" (483")	160
1944" (486")	161	1944" (486")	161	1944" (486")	161
1956" (489")	162	1956" (489")	162	1956" (489")	162
1968" (492")	163	1968" (492")	163	1968" (492")	163
1980" (495")	164	1980" (495")	164	1980" (495")	164
1992" (498")</					