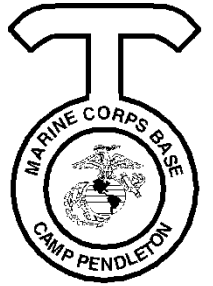




MCIWEST - MARINE CORPS BASE  
CAMP PENDLETON



# ENVIRONMENTAL OPERATIONS MAP

ENVIRONMENTAL SECURITY  
MCIWEST - MCB CAMP PENDLETON

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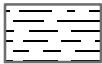
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# MAP LEGEND



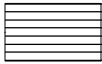
ESTUARINE HABITAT / MANAGEMENT AREA  
occupied by at least one of the following:  
CALIFORNIA LEAST TERN  
WESTERN SNOWY PLOVER  
LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



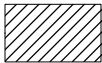
RIPARIAN HABITAT  
occupied by at least one of the following:  
LEAST BELL'S VIREO  
SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



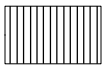
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



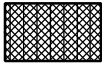
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



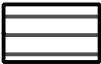
PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
(Refer to Item #s 10 and 11 on  
Pages 2-10 and 2-11 of Range Regs)



MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



COASTAL ZONE  
(CALIFORNIA COASTAL COMMISSION)  
The Coastal Zone Boundary depicted on this map is a digital version of the boundary adopted by the State Legislature in 1976 and amended thereafter. It does not supersede the current official boundary and is not intended to be used as a basis for precise boundary determination. Any questions regarding the exact location of the boundary should be referred to the Technical Services Division of the California Coastal Commission, Hedaquarters Office (through Environmental Security).



CREEKS, DRAINAGES, LAGOONS  
AND ASSOCIATED WETLANDS  
(NATIONAL WETLANDS INVENTORY 1985)  
(Refer to Item #s 4 and 6 on Pages 2-5 and 2-6, Item #1i  
on Page 2-2, and Item #9d on Page 2-8 of Range Regs)

Wetlands Inventory is not complete. Assume that intermittent streams, ditches, and riparian areas constitute wetlands, which are jurisdictional for Clean Water Act (CWA), Section 404 purposes.



SURFACE WATER  
(PACIFIC OCEAN, LAKE O'NEILL,  
AND OTHER BODIES OF WATER)



BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



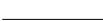
SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



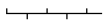
UTM NAD83 1,000 METER GRID LINES



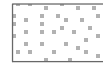
MOUT TRAINING FACILITIES



LANDING ZONE SITES

































LIVE FIRE RANGE LOCATION



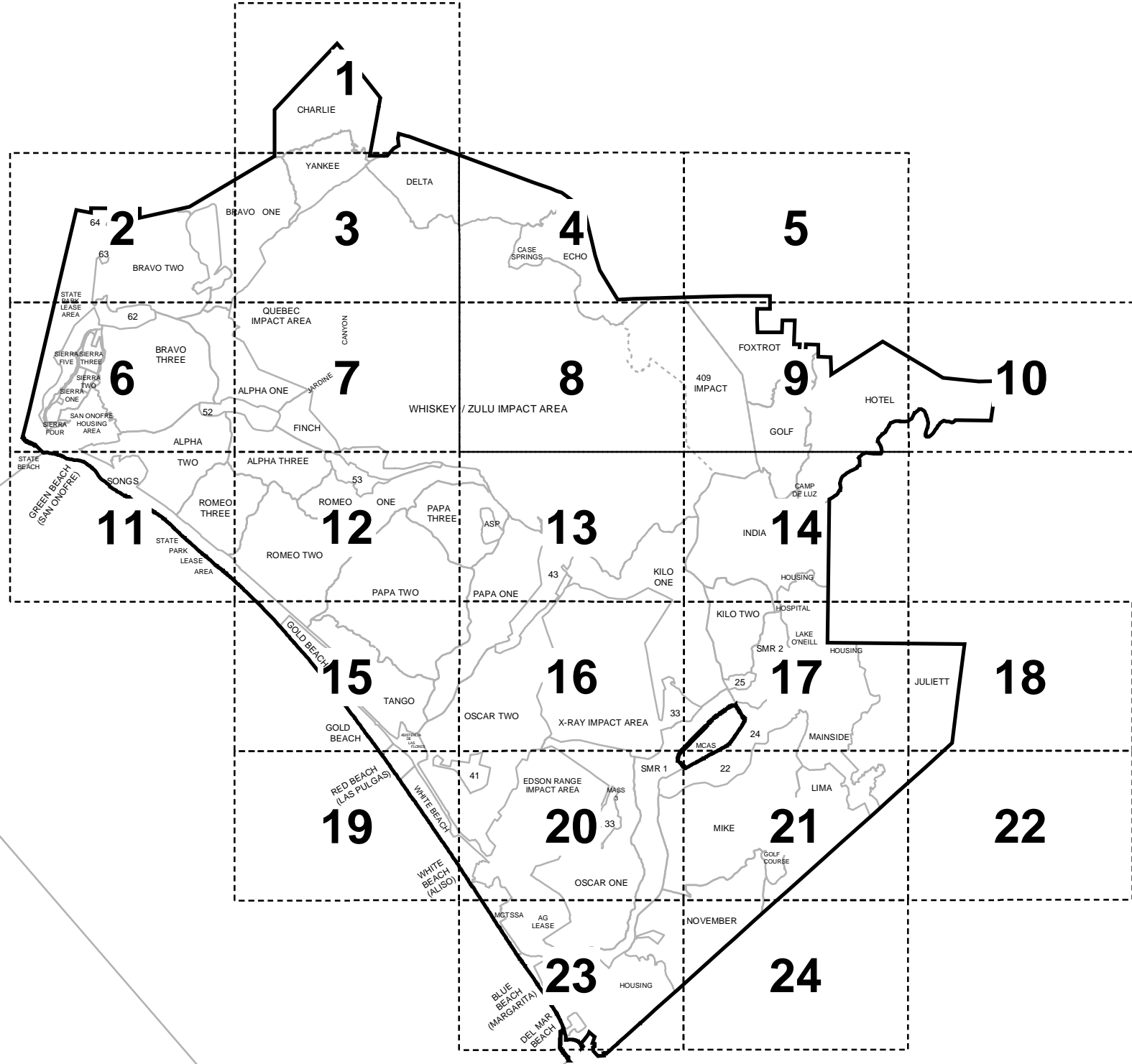
ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)



ENVIRONMENTAL CONSIDERATIONS AND RESTRICTIONS		
ENVIRONMENTALLY SENSITIVE AREAS		RANGE REGULATIONS
	ESTUARINE HABITAT / MANAGEMENT AREA occupied by at least one of the following: CALIFORNIA LEAST TERN WESTERN SNOWY PLOVER LIGHT-FOOTED CLAPPER RAIL TIDEWATER GOBY	<div>1. Obtain authorization from Environmental Security before entering any lagoon or estuary, marsh, mud/salt flat, or posted nesting area. Bivouacking and digging of fighting positions are prohibited in the vicinity of the Estuarine/Beach Endangered Species Management Zones during the period of 1 March to 15 September.</div> <div>2. Between 1 March and 15 September, all activities involving smoke, pyrotechnics, loud noises, blowing sand, and large groupings of personnel (14 or more) shall remain at least 300 meters away from fenced or posted nesting areas. All other activities shall be kept at least five (5) meters from these areas.</div> <div>3. Foot traffic involving less than fourteen (14) personnel shall be kept as far away as possible, and approach no closer than five (5) meters to posted nesting areas between 1 March and 15 September. Unit hikes shall remain on the hard packed sand, as close to the ocean water edge as possible. When passing posted nesting areas, minimize all noise.</div> <div>4. Vehicle and equipment operations in the management zones shall be kept to a minimum between 1 March and 15 September. All vehicles shall travel on hard packed sand as and shall not approach posted nesting areas or lagoons closer than five (5) meters. Speeds shall not exceed 25 mph. Tracked vehicles shall travel as close to the water (upper few inches of waves) as possible, year round, in the Santa Margarita Endangered Species Management Zone. Vehicle operations, inside fenced areas on the edge of the bluff between Aliso and French Creeks (White Beach), are not authorized between 1 March and 15 September.</div> <div>5. Engineering operations, outside of approved landing exercise support, shall be coordinated with Environmental Security prior to the initiation of activities. Generally, earth-moving activity at beaches is authorized only for areas of invigorated sand at least 300 meters from posted nesting areas, unless specifically requested and approved by Environmental Security.</div> <div>6. Boat operations are not authorized in lagoons and estuaries. Landing Craft Air Cushions (LCACs) shall not enter the management zones between 1 March and 15 September, except when entering or exiting seaward; and on return, shall exit the ocean heading directly up to the facility access ramp. Small boats may be permitted in the Santa Margarita Estuary between 16 September and 1 March, with prior approval from Environmental Security.</div> <div>7. To the maximum extent possible, vehicles and troops accessing the beach at White Beach during the period of 1 March and 15 September shall follow a route along the base of the northerly bluff to maintain the maximum distance from the Tern colony.</div> <div>8. Areas marked with orange carsonite markers or signs, which say, "Off Limits for Environmental Reasons," "California Least Tern Nesting Site," or "Wetlands" are off-limits to training units.</div> <div>9. Vehicles must stay on existing roads and trails in the vicinity of coastal marshes and lagoons from 1 March to 15 September. Foot traffic is prohibited in all coastal marshes from 1 March to 15 September, and prohibited all year in the Santa Margarita Estuary (portions of Beach Section G or Blue Beach) and the mouth of Cocklebur Canyon (Beach Section F).</div> <div>10. Vehicle operations and foot traffic in the vicinity of coastal marshes, estuaries, and lagoons are authorized year round on existing roads, trails and established crossings. Off-road vehicular traffic or foot traffic, excavations, and/or fill activities needing to occur in coastal marshes, estuaries, and lagoons must be reviewed by Environmental Security, and receive appropriate permits and approvals prior to conducting the action.</div> <div>11. Between 15 March and 15 September aircraft may not fly below 300' AGL over river mouths.</div> <div>12. During the period from 1 march through 15 September, airspace is off-limits to protect least tern and snowy plover habitat at Margarita, Blue Aliso and White Beach (as described in Range Regs).</div> <div>(Refer to Item #8 on Pages 2-6 and 2-7, #1i on Page 2-2, #6 on Pages 2-5 and 2-6 and #s 2 and 2d on Page 4-2 of Range Regs)</div>
	RIPARIAN HABITAT occupied by at least one of the following: LEAST BELL'S VIREO SOUTHWESTERN WILLOW FLYCATCHER ARROYO TOAD	<div>1. Extreme caution beyond that required by the Fire Danger Rating (FDR) is necessary when using pyrotechnics; and when conducting other activities likely to cause a fire.</div> <div>2. Foot traffic is authorized year round on existing roads, trails, and creek crossings. Consult with Environmental Security prior to cutting/removing vegetation.</div> <div>3. Vehicles operating in the vicinity of creeks, rivers or drainages shall use existing roads, trails, and established creek/river crossings. Vehicle traffic on roads in arroyo toad habitat between 15 March and 31 August shall be minimized to the maximum extent practical.</div> <div>4. Consult with Environmental Security prior to bivouacking, cutting/removing vegetation, trenching, grading, filling, or conducting engineering operations in or adjacent to creek/river bottom areas.</div> <div>5. Dust produced in or adjacent to creeks and rivers shall be minimized to the maximum extent practical.</div> <div>6. During the period of 15 March through 15 September, aircraft may not fly below 300' AGL over riverbeds and streams, other than established landing sites and TERF routes.</div> <div>(Refer to Item #9d on Page 2-8 and #2d on Page 4-2 of Range Regs)</div>
	ARROYO TOAD (SURVEY ON-GOING) 500 METER BUFFER	<div>1. Same as Restrictions for RIPARIAN HABITAT.</div> <div>(Refer to Item #9d on Page 2-8 and #2d on Page 4-2 of Range Regs)</div>
	STEPHENS' KANGAROO RAT OCCUPIED HABITAT	<div>1. Foot traffic is authorized year round; however, digging, including construction of fighting positions, shall be minimized.</div> <div>2. Vehicle/equipment operations near known habitat shall be kept on existing roads, year round. Contact Environmental Security prior to conducting activities involving soil excavation, filling, or grading.</div> <div>3. Bivouac/command and post/field support activities (e.g., showers, messing, fueling, water purification, etc.) should be kept at least fifty (50) meters from the Stephens' Kangaroo Rat habitat areas, year round.</div> <div>(Refer to Item #9g on Pages 2-9 and 2-10 of Range Regs)</div>
	CALIFORNIA GNATCATCHER (VARIOUS SURVEYS) 150 METER BUFFER	<div>1. Extreme caution beyond that required by the Fire Danger Rating (FDR) is necessary when using pyrotechnics and when conducting other activities likely to cause a fire.</div> <div>2. Foot traffic between 1 February and 15 August shall be kept to existing roads, trails, and established training facilities to the maximum extent practical. Foot traffic may be authorized in California Gnatcatcher habitat areas between 16 August and 31 January; however, care must be exercised to avoid crushing or otherwise destroying brush vegetation.</div> <div>3. Vehicles may leave existing roads between 1 August and 31 January, FDR permitting, and provided brush vegetation is not crushed or removed.</div> <div>4. Bivouac/command and post/field support activities (e.g., showers, messing, fueling, water purification, etc.) shall be kept at least 50 meters from California Gnatcatcher habitat areas, year round.</div> <div>(Refer to Item #9e on Pages 2-8 and 2-9 of Range Regs)</div>
	PACIFIC POCKET MOUSE (SURVEY ON-GOING) 150 METER BUFFER	<div>1. Foot traffic is authorized, year round; however, digging, including construction of fighting positions, shall be avoided.</div> <div>2. Vehicle/equipment operations near known habitat shall be kept on existing roads, year round. Contact Environmental Security prior to conducting activities involving soil excavation, filling, or grading.</div> <div>3. Bivouac/command and post/field support activities (e.g., showers, messing, fueling, water purification, etc.) shall be kept at least fifty (50) meters from Pacific Pocket Mouse habitat areas, year round.</div> <div>(Refer to Item #9f on Page 2-9 of Range Regs)</div>
	VERNAL POOLS 50 METER BUFFER	<div>1. Foot traffic is authorized year round. Digging, including construction of fighting positions is prohibited in vernal pools.</div> <div>2. Vehicle/equipment operations near known vernal pool areas shall be kept on existing roads, year round. Contact Environmental Security prior to conducting activities involving soil excavation, filling, or grading.</div> <div>3. Bivouac/Command Post/Field support (e.g., showers, messing, fueling, water purification, etc.) activities should be kept to at least 50 meters from identified vernal pools.</div> <div>(Refer to Item #5 on Page 2-5 of Range Regs)</div>
	RARE PLANT AREAS AND OTHER ENVIRONMENTALLY SENSITIVE AREAS REQUIRING SIMILAR PROTECTION METHODS	<div>1. Foot traffic is authorized, year round; however, digging, including construction of fighting positions, shall be avoided at locations of rare plants.</div> <div>2. Vehicle/equipment operations near known habitat or other ESA shall be kept on existing roads, year round. Contact Environmental Security prior to conducting activities involving soil excavation, filling, grading, off-road vehicular operations, or vegetation cutting/removal.</div> <div>3. Bivouac/command and post/field support activities (e.g., showers, messing, fueling, water purification, etc.) shall be kept at least fifty (50) meters from identified rare plant and ESA sites. No cutting or trimming of rare plants is allowed without consultation with Environmental Security.</div> <div>(Refer to Item #s 10 and 11 on Pages 2-10 and 2-11 of Range Regs)</div>
	MITIGATION AREAS: COCKLEBURR VICTOR YSIDORA BASIN	<div>1. Off- limits to all training activities.</div> <div>(Refer to Item #1h on Page 2-2 of Range Regs)</div>

ENVIRONMENTAL CONSIDERATIONS AND RESTRICTIONS					
ENVIRONMENTALLY SENSITIVE AREAS		RANGE REGULATIONS			
	RARE PLANT SITE	1. Same as Restrictions for RARE PLANT AREAS.  <div>(Refer to Item #10 on Page 2-10 of Range Regs)</div>			
	WATER SUPPLY WELL				
	HAZARDOUS WASTE STORAGE SITE				
	PETROLEUM RELEASE				
	IR - INSTALLATION RESTORATION SITE	1. Off limits to all training activities.			
	COASTAL ZONE (CALIFORNIA COASTAL COMMISSION)	1. The Coastal Zone Boundary depicted on this map is a digital version of the boundary adopted by the State Legislature in 1976 and amended thereafter. It does not supersede the current official boundary and is not intended to be used as a basis for precise boundary determination. Any questions regarding the exact location of the boundary should be referred to the Technical Services Division of the California Coastal Commission, Hedaquarters Office (through Environmental Security).			
	CREEKS, DRAINAGES, LAGOONS AND ASSOCIATED WETLANDS (NATIONAL WETLANDS INVENTORY 1985)	1. Wetlands Inventory is not complete. Assume that intermittent streams, ditches, and riparian areas constitute wetlands, which are jurisdictional for Clean Water Act (CWA), Section 404 purposes. 2. Vehicles operating in the vicinity of wetlands are authorized year round, and shall remain on existing roads and creek crossings. 3. Troop movement on foot is authorized year round on existing roads, trails and crossings. 4. Off-road vehicular or foot traffic, excavations, and/or fill occurring in wetlands must be reviewed by Environmental Security and receive appropriate permits prior to conducting the action. 5. Areas marked with orange carsonite markers or signs, which say, "Off Limits for Environmental Reasons," "California Least Tern Nesting Site," or "Wetlands" are off-limits to training units. 6. No bivouacking or trenching is allowed in riparian areas. 7. No vegetation can be cut except exotic species, with out prior approval of Environmental Security. 8. No maintenance vehicles shall operate in riparian areas with out prior approval of Environmental Security.  <div>(Refer to Item #s 4 and 6 on Pages 2-5 and 2-6, Item #1i on Page 2-2, and Item #9d on Page 2-8 of Range Regs)</div>			
	SURFACE WATER	1. Surface water bodies such as the Pacific Ocean, Lake O'Neill, and other bodies of water with significant surface area. 2. Approval from Environmental Security is required to pump from any lake, pond, stream or river.  <div>(Refer to Item #2 on Page 2-4 of Range Regs)</div>			
	BASE BOUNDARY				
	CITY / COUNTY / USFS BOUNDARIES	1. City, County or U.S. Forest Service boundary lines.			
	TRAINING AREA BOUNDARY				
	FREEWAY (I-5, CA-76)	1. The I-5 Freeway, the rights-of-way immediately adjacent to highways (I-5 Freeway, old Highway 101, and El Camino Real), and the North County Transit District railroad tracks are off-limits to pedestrians, troop training, and all vehicular traffic 2. Underpasses and overpasses will be used when crossing railroad tracks or the I-5 Freeway. 3. If it is necessary to cross the railroad tracks at ground level, the unit shall make prior arrangements to have a certified flagman at the railroad tracks by contacting the Marine Corps Base Transportation Management Office at (760) 725-8164. 4. Units shall inform the Range Scheduling Office when all coordination has been made. Any fees incurred are the responsibility of the training unit. TMO's notification requirement is 48 hours.			
	PAVED ROAD		FEATURE		RANGE REGULATIONS
	UNPAVED ROAD / TRAIL / FIREBREAK			MOUT TRAINING FACILITIES	1. Refer to Range Regulations for futher information on item.
	SDG&E 230KV TRANSMISSION LINES			LANDING ZONES	1. Refer to Range Regulations for futher information on item.
	CONTOUR LINES (25 FOOT INTERVAL)	1. Elevations are in feet.		LIVE FIRE RANGE LOCATION	1. Refer to Range Regulations for futher information on item.
	CONTOUR LINES (100 FOOT INTERVAL)	1. Elevations are in feet.		ARTILLERY (AFA) AND MORTAR (MFA) FIRING AREAS AND RECON, SELECTION, OCCUPATION OF POSITION (RSOP)	1. Refer to Range Regulations for futher information on item.
	UTM NAD83 1,000 METER GRID LINES	1. Grid 1,000 Meter Universal Transverse Mercator (UTM) Zone 11. 2. Horizontal Datum - North American Datum 1983			

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RED BEACH (LAS PULGAS)	15, 19
WHITE BEACH (ALISO)	19, 20, 23

AREA	MAP
ASP	13
CAMP DE LUZ	14
CASE SPRINGS	4
EDSON RANGE	20
MASS-3	20
MCTSSA	23
AGRICULTURAL LEASE AREAS	20, 23
ASISTENCIA DE LAS FLORES	15, 19
LAKE O'NEILL	17
SONGS	11
STATE BEACH	6, 11
STATE PARK LEASE AREAS	2, 6, 11, 12, 15
11 AREA	17
12 AREA	17
13 AREA	17
14 AREA	17
15 AREA	17, 21
16 AREA	17, 21
17 AREA	21
18 AREA - GOLF COURSE	21
20 AREA - WIRE MOUNTAIN	23
21 AREA - DEL MAR	23
22 AREA - CHAPPO	17, 20, 21
23 AREA - AIR STATION	16, 17, 20, 21
24 AREA	17
25 AREA - VADO DEL RIO	17
26 AREA	14, 17
27 AREA - HOSPITAL	14, 17
31 AREA	20, 23
32 AREA	20
33 AREA - MARGARITA	16, 17
41 AREA - LAS FLORES	16, 19, 20
43 AREA - PULGAS	13
51 AREA - SAN ONOFRE	6, 11
52 AREA - SOI	6, 7
53 AREA - HORNO	7, 12
62 AREA - SAN MATEO	2, 6
63 AREA - CRISTIANITOS	2
64 AREA - TALEGA	2



0 5 Kilometers

# ARTILLERY FIRING AREAS

ARTILLERY FIRING AREA	MAP
AFA 1.....	3
AFA 2.....	3
AFA 3.....	2
AFA 4.....	2
AFA 5.....	2
AFA 6.....	2, 6
AFA 7.....	2
AFA 8.....	12
AFA 9.....	13
AFA 10.....	13
AFA 11.....	12, 13
AFA 12.....	12
AFA 13.....	13
AFA 14.....	15
AFA 15.....	15
AFA 16.....	15
AFA 17.....	13
AFA 18.....	13
AFA 19.....	13
AFA 20.....	16
AFA 21.....	13
AFA 22.....	17
AFA 23.....	14, 17
AFA 24.....	14
AFA 25.....	14
AFA 26.....	14
AFA 27.....	14
AFA 28.....	14
AFA 29.....	14
AFA 30.....	13, 14
AFA 31.....	14
AFA 32.....	14
AFA 33.....	14
AFA 34.....	14
AFA 35.....	14
AFA 36.....	14
AFA 37.....	9
AFA 38.....	9
AFA 39.....	9
AFA 40.....	4, 8
AFA 41.....	4
AFA 42.....	4
AFA 43.....	4
AFA 44.....	4
AFA 45.....	4
AFA 46.....	3, 4
AFA 90.....	17, 18
AFA 91.....	18
AFA 92.....	17
AFA 93.....	20, 21
AFA 94.....	21
AFA 95.....	21, 24
AFA A.....	3
AFA C.....	4
AFA D.....	4
AFA F.....	9
AFA G.....	12, 13
AFA H.....	2, 3
AFA I.....	3
AFA J.....	7, 12

# MOUT TRAINING FACILITY

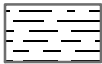
MOUT TRAINING FACILITY	MAP
CBT - 25.....	17
CBT - 52.....	6
CBT - 53 RUF.....	12
CBT - 62 RUF.....	6
CBT - B2.....	2
CBT - B3.....	6
CBT - DLZ.....	14
CBT - ECR.....	15
CBT - FMSS.....	23
CBT - HC.....	12
CBT - K2.....	14
CBT - PDL.....	13
CBT - RB.....	15, 19
CBT - T.....	15
FOB - O2.....	16
IIT - A.....	6
IIT - B.....	6
MCIT.....	6
TSE.....	2

# LIVE FIRE RANGES

RANGE	MAP	RANGE	MAP
DOOR GUNNER #1.....	3, 4	R - 215 A (ASSAULT FIELD FIRING (AFF) COURSE).....	7
DOOR GUNNER #2.....	4, 8	R - 216.....	7, 12
FIELD MEDICAL SERVICE SCHOOL.....	24	R - 217.....	7, 12
FLEET HOSPITAL OPS / TRAINING COMMAND.....	2	R - 218 A.....	12
R - 102.....	16, 20	R - 219.....	8, 13
R - 102 A.....	16, 20	R - 220 (WHISKEY IMPACT).....	3, 4, 7, 8
R - 103 (WILCOX RANGE).....	16, 20	R - 221.....	13
R - 104 B.....	16	R - 222.....	13
R - 107.....	17	R - 223 A.....	13
R - 108.....	16	R - 223 B.....	13
R - 109 (HAND GRENADE).....	13	R - 225.....	13
R - 110.....	13	R - 227.....	13
R - 111.....	16	R - 300.....	6
R - 112 A.....	16	R - 301.....	6
R - 116 A.....	16	R - 302.....	6
R - 116 B.....	16	R - 303.....	6
R - 116 C.....	16	R - 307 (HAND GRENADE).....	2
R - 116 D.....	16	R - 312 (INACTIVE).....	2
R - 117 A.....	13, 16	R - 312 A (INACTIVE).....	2
R - 127.....	16, 20	R - 313 (INACTIVE).....	12
R - 130 COMPLEX.....	16	R - 314.....	3, 6
R - 131 (MOUT).....	16	R - 314 A.....	2, 3, 6, 7
R - 132.....	16	R - 314 B.....	2, 3
R - 133.....	16	R - 314 C.....	6, 7
R - 200 (INACTIVE).....	6	R - 314 D.....	2, 6
R - 200 B (INACTIVE).....	6	R - 401.....	21
R - 201.....	7	R - 403 A (INACTIVE).....	17
R - 202 (HAND GRENADE).....	7	R - 403 B (INACTIVE).....	17
R - 203.....	7	R - 403 C (INACTIVE).....	17
R - 204 B.....	3, 7	R - 403 D (INACTIVE).....	17
R - 206.....	12	R - 407.....	13
R - 207.....	7	R - 407 (TANK GUNNERY RANGE).....	13
R - 207 A.....	6	R - 407 A.....	13
R - 208 C.....	7	R - 407 B.....	13
R - 210 (INACTIVE).....	7	R - 408.....	13, 14
R - 210 B (INACTIVE).....	7	R - 408 A.....	13
R - 210 C.....	7	R - 409 A.....	9, 14
R - 210 D.....	7	R - 440 (ZULU IMPACT).....	8, 13
R - 210 E.....	7	R - 501.....	20
R - 210 F.....	7	R - 503 (INACTIVE) (HAND GERNADE).....	20
R - 211.....	7	R - 505.....	20
R - 212.....	7	R - 505 A.....	20
R - 212 A.....	7	R - 505 B.....	20
R - 213.....	7	R - 600.....	4, 8
R - 214 (HORNO RANGE).....	7	R - 800.....	4

ARTILLERY FIRING AREAS, MOUT TRAINING FACILITIES AND RANGE LOCATIONS ARE PROVIDED FOR REFERENCE PURPOSES ONLY.

# MAP LEGEND



ESTUARINE HABITAT / MANAGEMENT AREA  
occupied by at least one of the following:  
CALIFORNIA LEAST TERN  
WESTERN SNOWY PLOVER  
LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



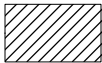
RIPARIAN HABITAT  
occupied by at least one of the following:  
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SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



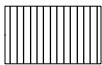
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
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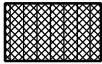
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
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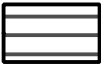
PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
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MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE

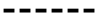


IR - INSTALLATION RESTORATION SITE



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SURFACE WATER  
(PACIFIC OCEAN, LAKE O'NEILL,  
AND OTHER BODIES OF WATER)



BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



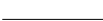
SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



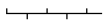
UTM NAD83 1,000 METER GRID LINES



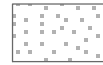
MOUT TRAINING FACILITIES



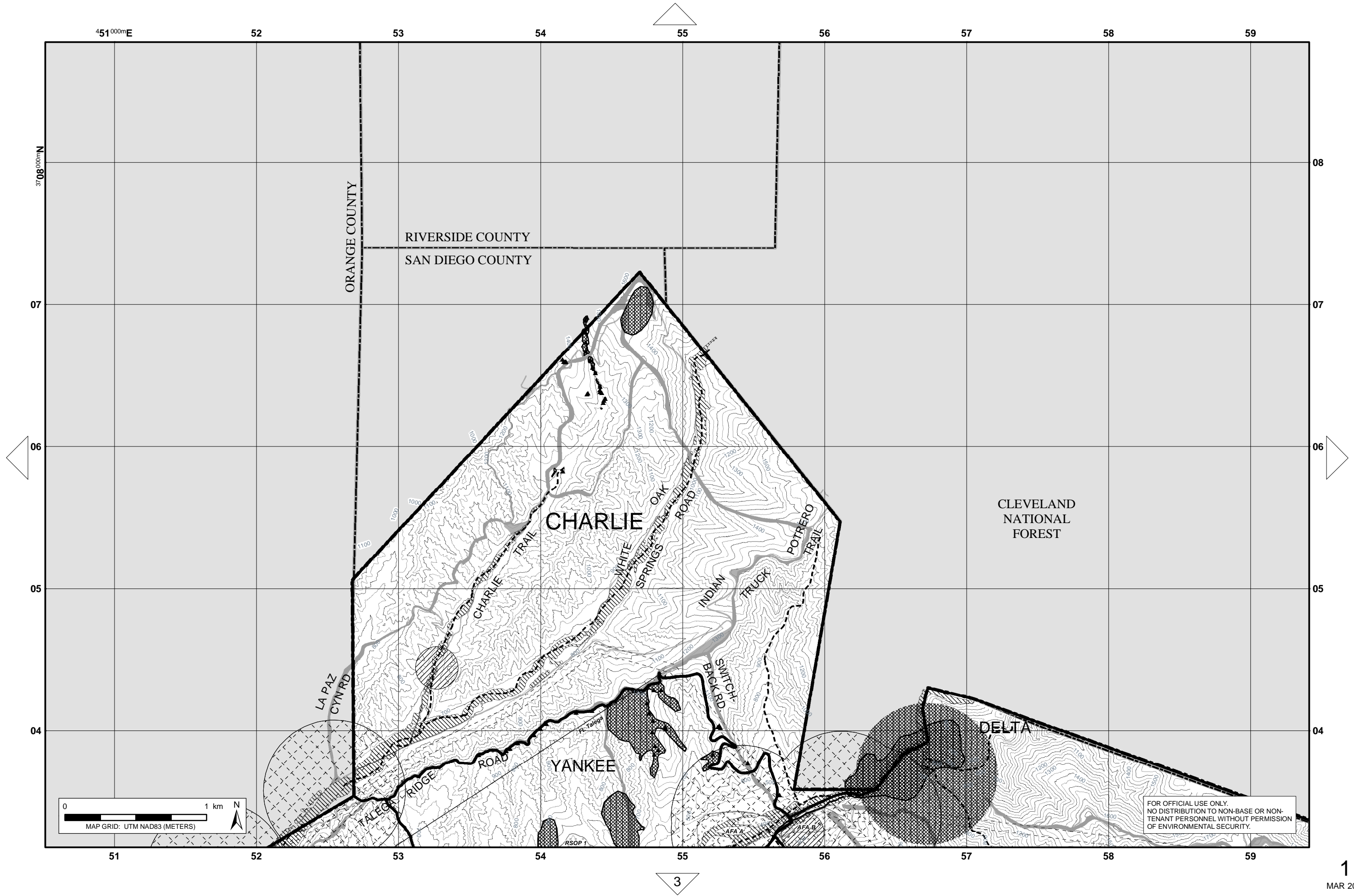
LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)



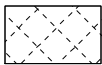
# MAP LEGEND



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LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
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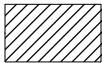
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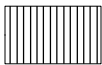
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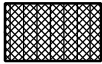
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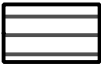
PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
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RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE

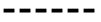


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BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



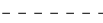
FREEWAY (I-5, CA-76)



PAVED ROAD



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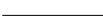
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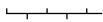
UTM NAD83 1,000 METER GRID LINES



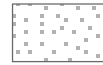
MOUT TRAINING FACILITIES



LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
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OCCUPATION OF POSITION (RSOP)







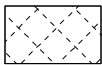
# MAP LEGEND



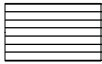
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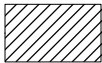
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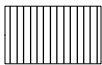
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
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STEPHENS' KANGAROO RAT  
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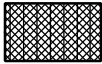
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
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PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
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VERNAL POOLS  
50 METER BUFFER  
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RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE

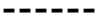


IR - INSTALLATION RESTORATION SITE



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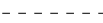
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



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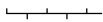
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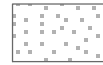
MOUT TRAINING FACILITIES



LANDING ZONE SITES

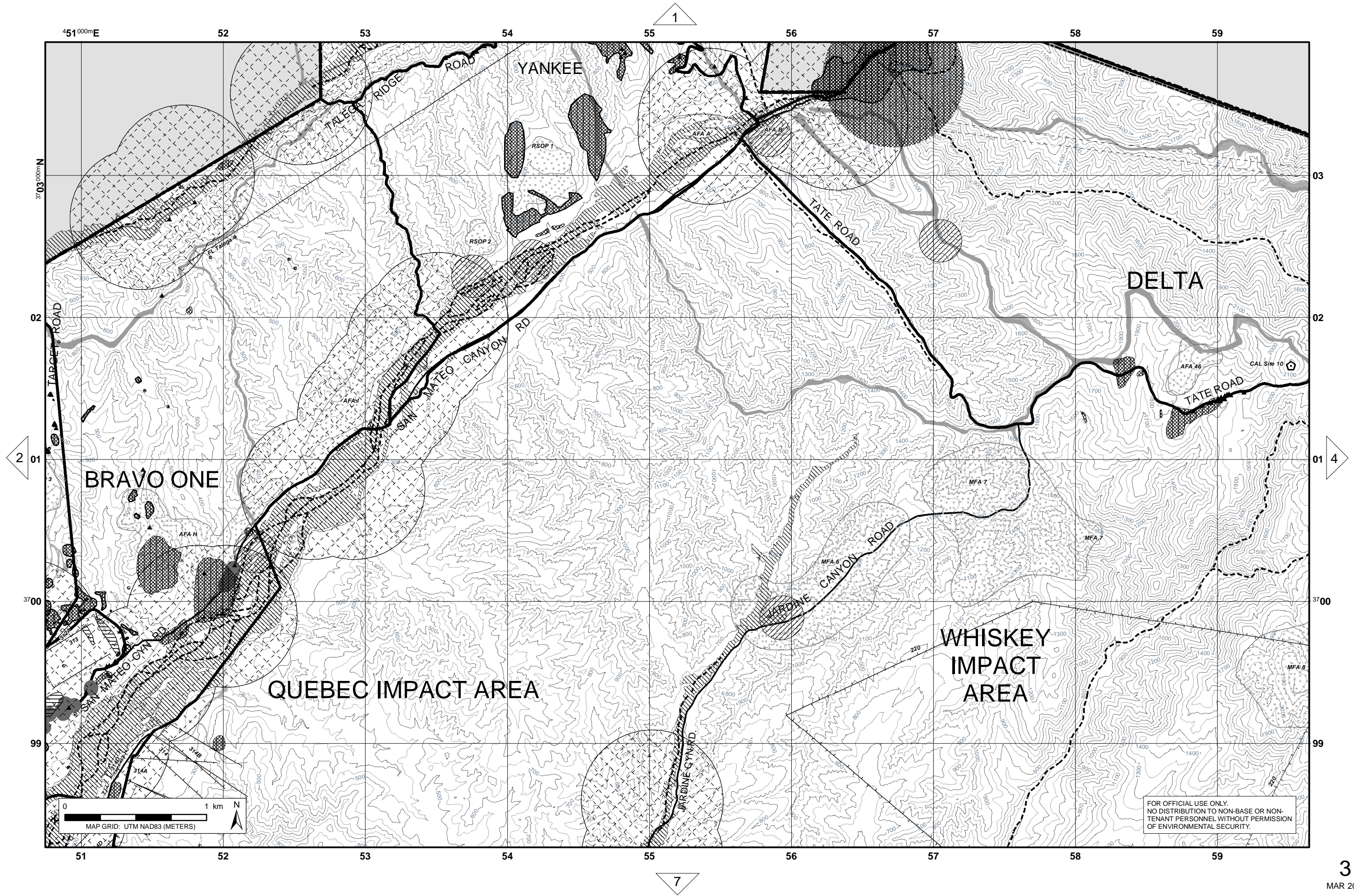


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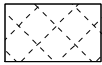
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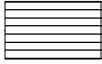
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LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



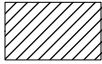
RIPARIAN HABITAT  
occupied by at least one of the following:  
LEAST BELL'S VIREO  
SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



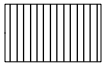
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



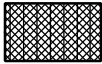
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
(Refer to Item #s 10 and 11 on  
Pages 2-10 and 2-11 of Range Regs)



MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE

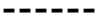


IR - INSTALLATION RESTORATION SITE



COASTAL ZONE  
(CALIFORNIA COASTAL COMMISSION)

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CREEKS, DRAINAGES, LAGOONS  
AND ASSOCIATED WETLANDS  
(NATIONAL WETLANDS INVENTORY 1985)  
(Refer to Item #s 4 and 6 on Pages 2-5 and 2-6, Item #1i  
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Wetlands Inventory is not complete. Assume that intermittent streams, ditches, and riparian areas constitute wetlands, which are jurisdictional for Clean Water Act (CWA), Section 404 purposes.



SURFACE WATER  
(PACIFIC OCEAN, LAKE O'NEILL,  
AND OTHER BODIES OF WATER)



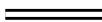
BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



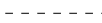
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



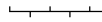
UTM NAD83 1,000 METER GRID LINES



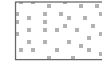
MOUT TRAINING FACILITIES



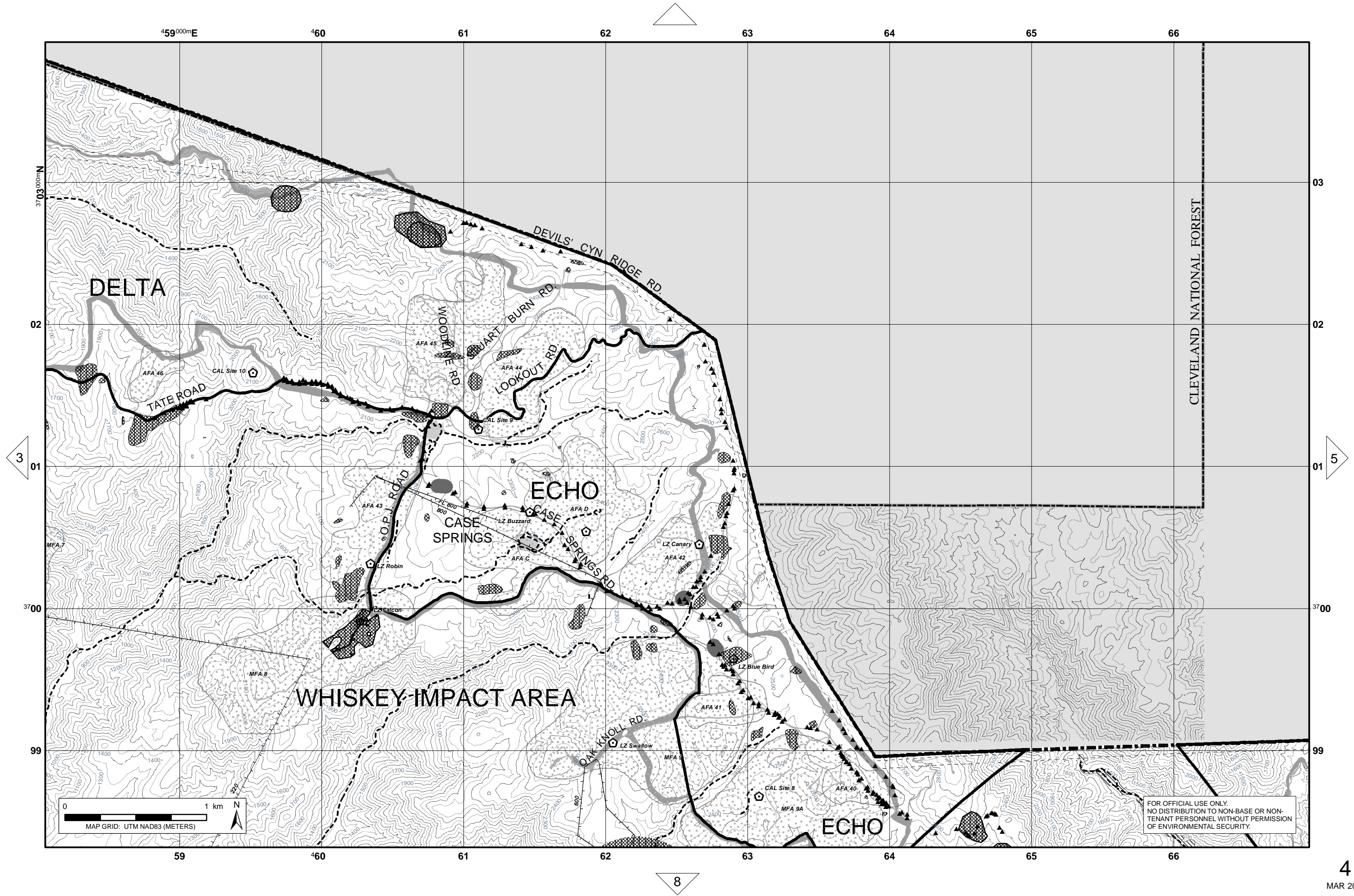
LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)



# MAP LEGEND



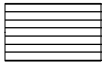
ESTUARINE HABITAT / MANAGEMENT AREA  
occupied by at least one of the following:  
CALIFORNIA LEAST TERN  
WESTERN SNOWY PLOVER  
LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



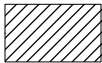
RIPARIAN HABITAT  
occupied by at least one of the following:  
LEAST BELL'S VIREO  
SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



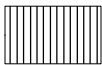
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



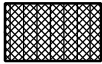
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



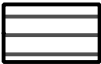
PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
(Refer to Item #s 10 and 11 on  
Pages 2-10 and 2-11 of Range Regs)



MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



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SURFACE WATER  
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BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



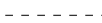
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



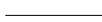
SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



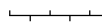
UTM NAD83 1,000 METER GRID LINES



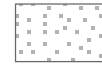
MOUT TRAINING FACILITIES



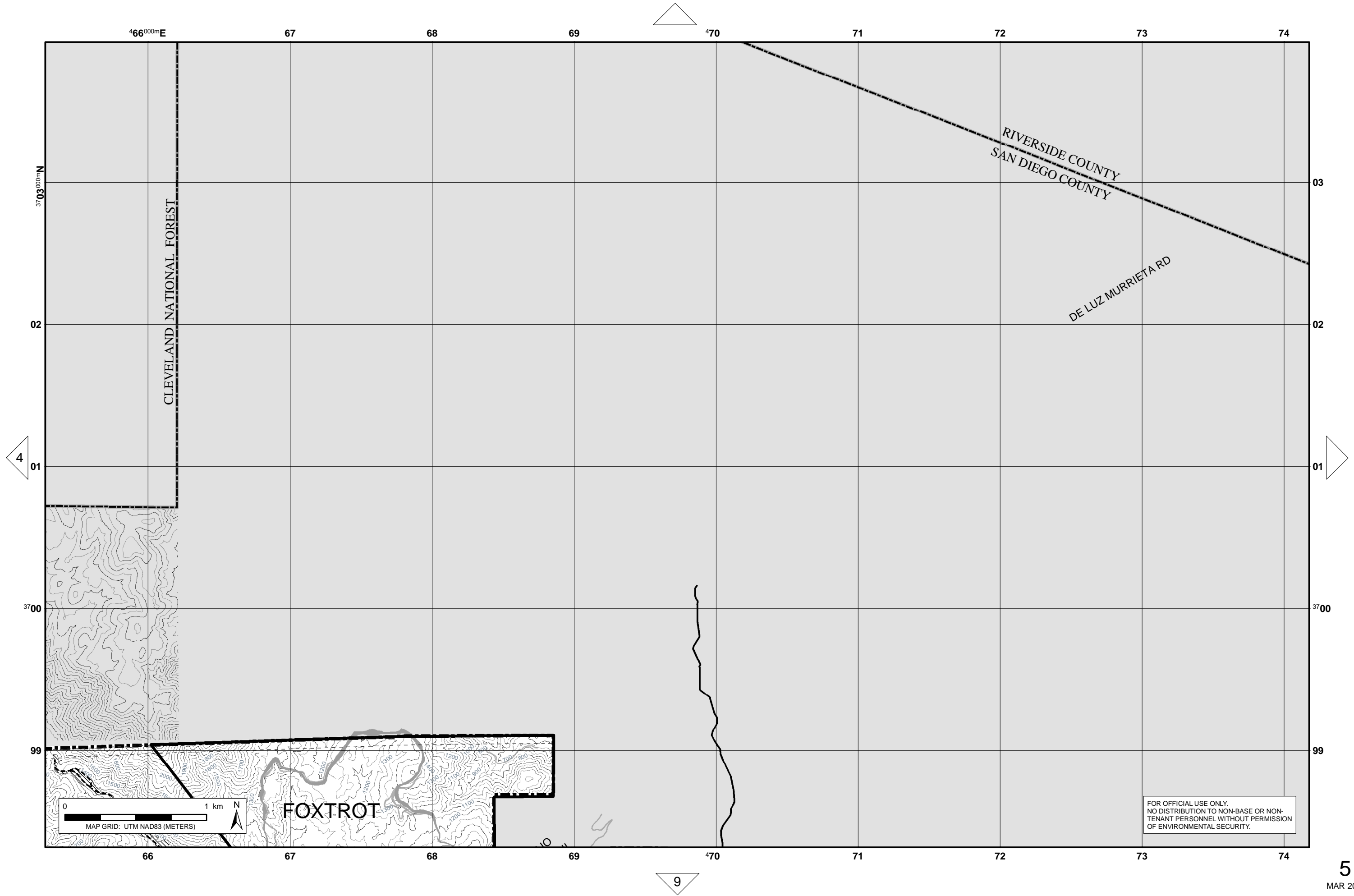
LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)





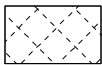
# MAP LEGEND



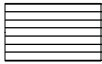
ESTUARINE HABITAT / MANAGEMENT AREA  
occupied by at least one of the following:  
CALIFORNIA LEAST TERN  
WESTERN SNOWY PLOVER  
LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



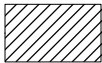
RIPARIAN HABITAT  
occupied by at least one of the following:  
LEAST BELL'S VIREO  
SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



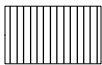
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



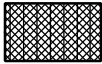
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



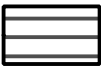
PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



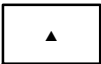
VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
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MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



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(NATIONAL WETLANDS INVENTORY 1985)  
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SURFACE WATER  
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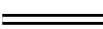
BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



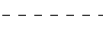
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



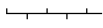
UTM NAD83 1,000 METER GRID LINES



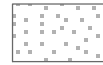
MOUT TRAINING FACILITIES



LANDING ZONE SITES

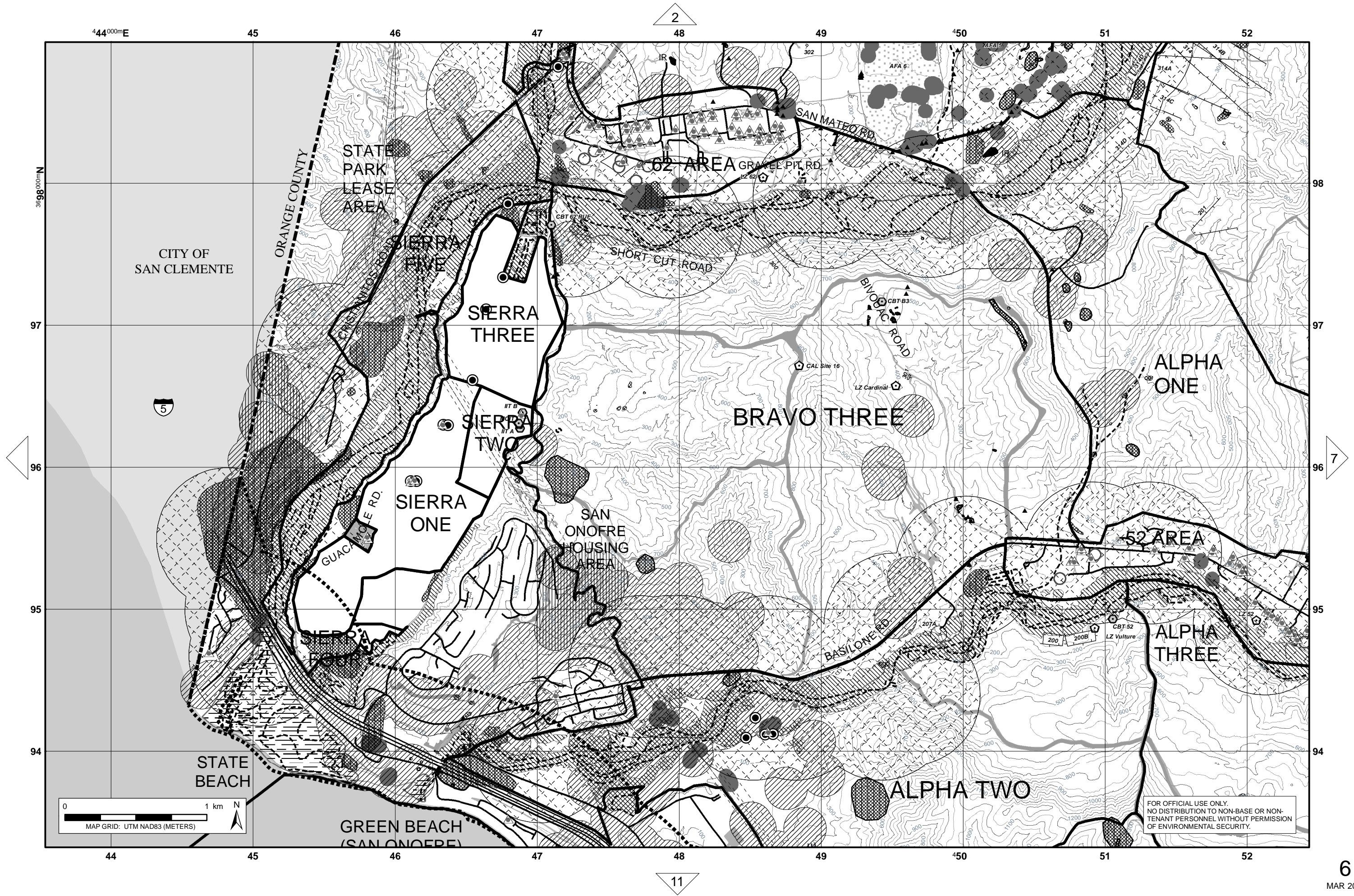


LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)







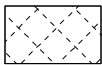
# MAP LEGEND



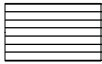
ESTUARINE HABITAT / MANAGEMENT AREA  
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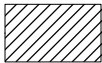
RIPARIAN HABITAT  
occupied by at least one of the following:  
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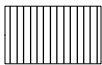
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
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STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
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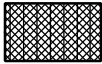
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
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PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
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50 METER BUFFER  
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RARE PLANT AREAS AND OTHER  
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MITIGATION AREAS:  
COCKLEBURR  
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RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE

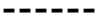


IR - INSTALLATION RESTORATION SITE



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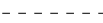
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



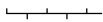
UTM NAD83 1,000 METER GRID LINES



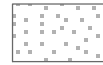
MOUT TRAINING FACILITIES



LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
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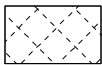
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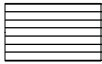
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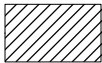
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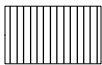
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OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



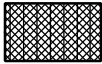
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
(Refer to Item #s 10 and 11 on  
Pages 2-10 and 2-11 of Range Regs)



MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



COASTAL ZONE  
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SURFACE WATER  
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BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



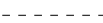
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



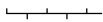
UTM NAD83 1,000 METER GRID LINES



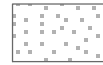
MOUT TRAINING FACILITIES



LANDING ZONE SITES

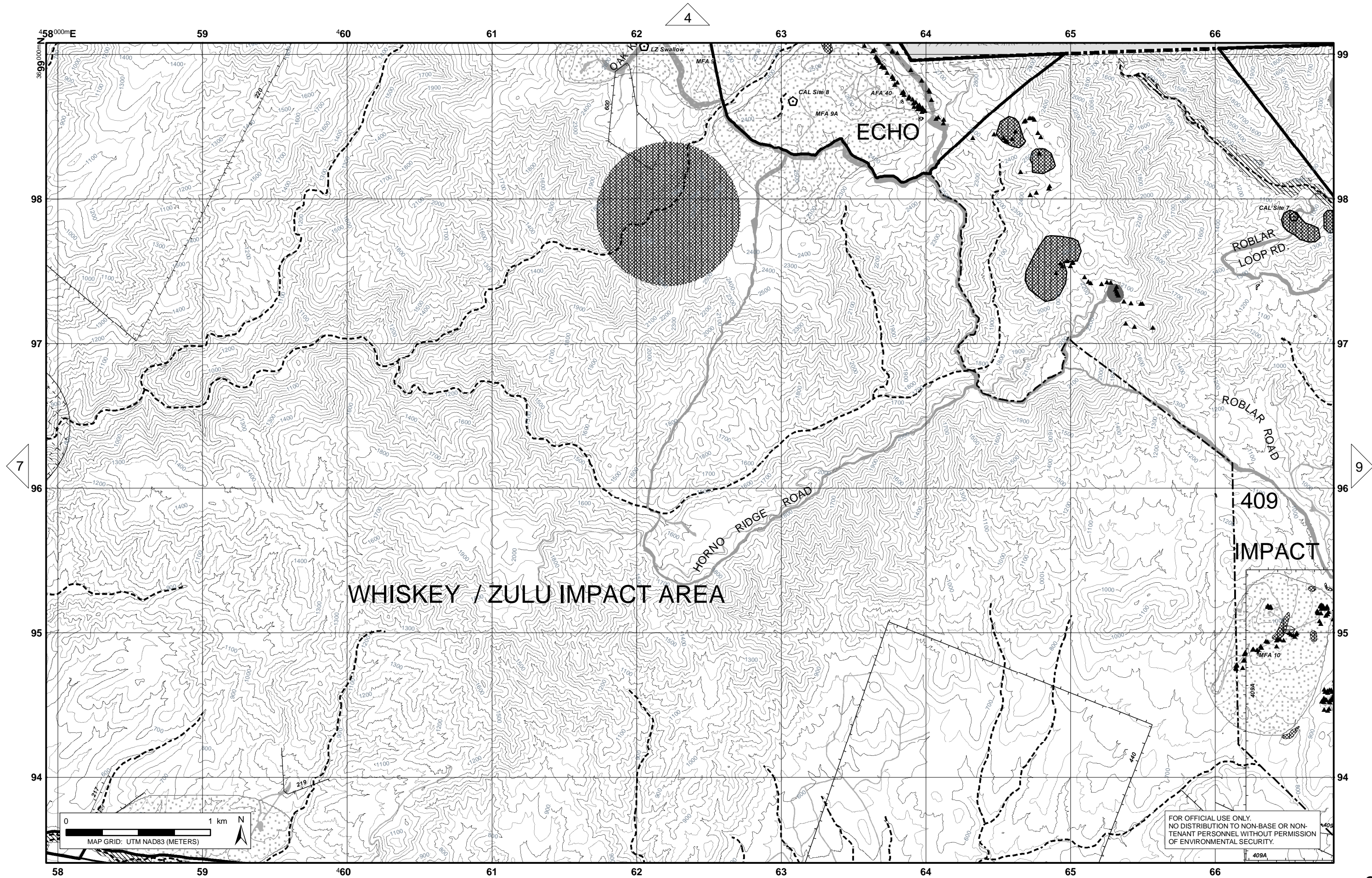


LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)





FOR OFFICIAL USE ONLY.  
NO DISTRIBUTION TO NON-BASE OR NON-  
TENANT PERSONNEL WITHOUT PERMISSION  
OF ENVIRONMENTAL SECURITY.



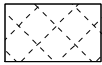
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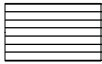
ESTUARINE HABITAT / MANAGEMENT AREA  
occupied by at least one of the following:  
CALIFORNIA LEAST TERN  
WESTERN SNOWY PLOVER  
LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



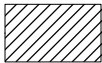
RIPARIAN HABITAT  
occupied by at least one of the following:  
LEAST BELL'S VIREO  
SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



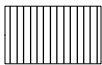
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



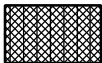
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
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REQUIRING SIMILAR PROTECTION METHODS  
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MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
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(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



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(CALIFORNIA COASTAL COMMISSION)

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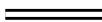
BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



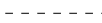
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



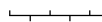
UTM NAD83 1,000 METER GRID LINES



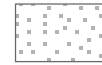
MOUT TRAINING FACILITIES



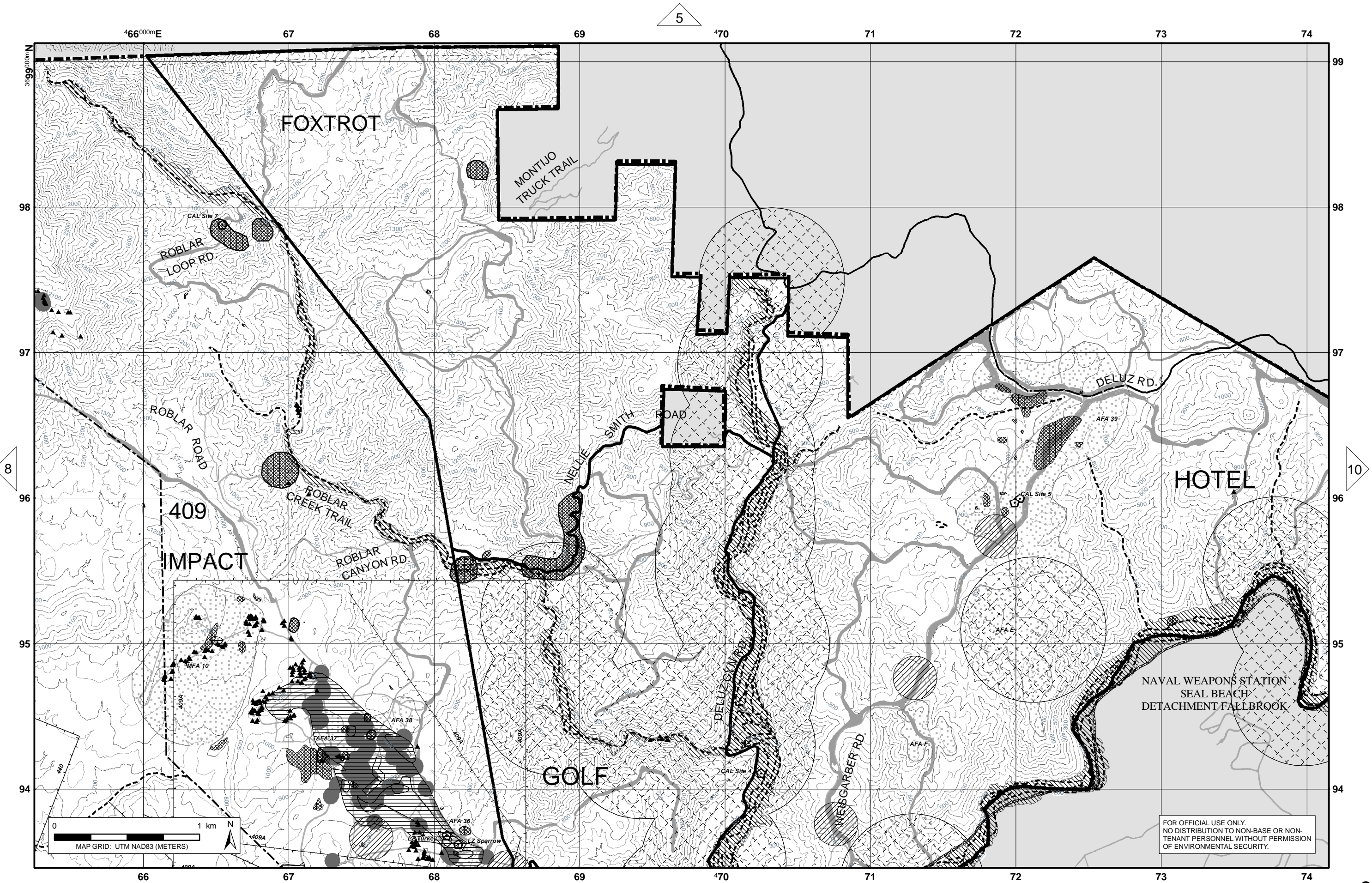
LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)



8

10

5

14



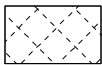
# MAP LEGEND



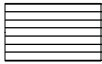
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TIDEWATER GOBY  
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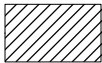
RIPARIAN HABITAT  
occupied by at least one of the following:  
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(Refer to Item #9d on Page 2-8 of Range Regs)



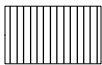
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
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STEPHENS' KANGAROO RAT  
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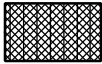
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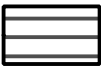
PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



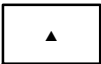
VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
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MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
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RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



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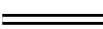
BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



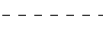
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



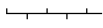
UTM NAD83 1,000 METER GRID LINES



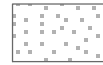
MOUT TRAINING FACILITIES



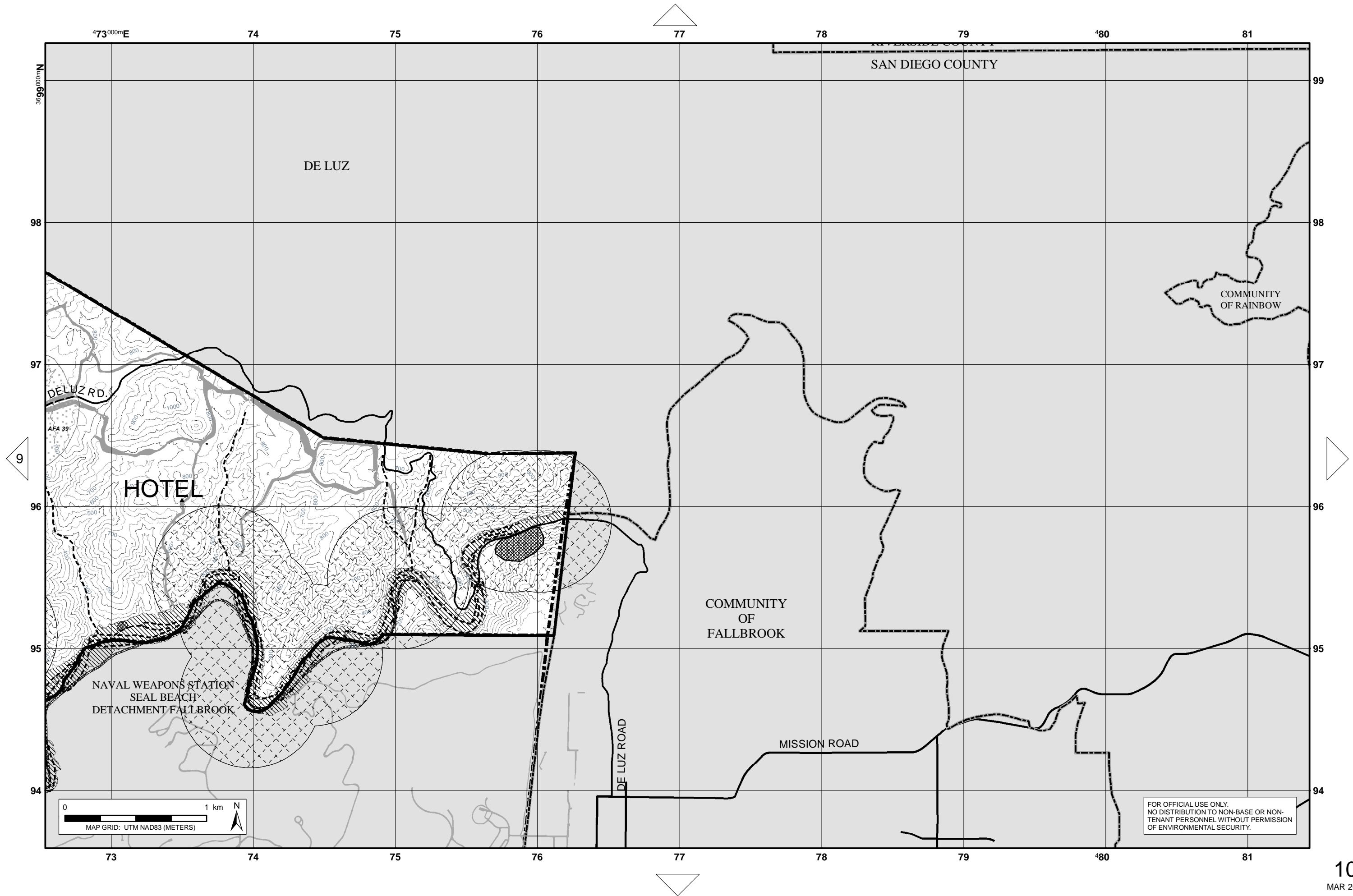
LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
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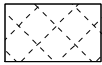
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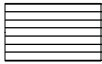
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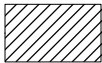
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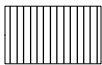
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
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STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
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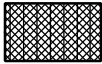
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MITIGATION AREAS:  
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VICTOR  
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RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



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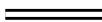
BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



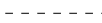
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



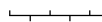
UTM NAD83 1,000 METER GRID LINES



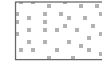
MOUT TRAINING FACILITIES



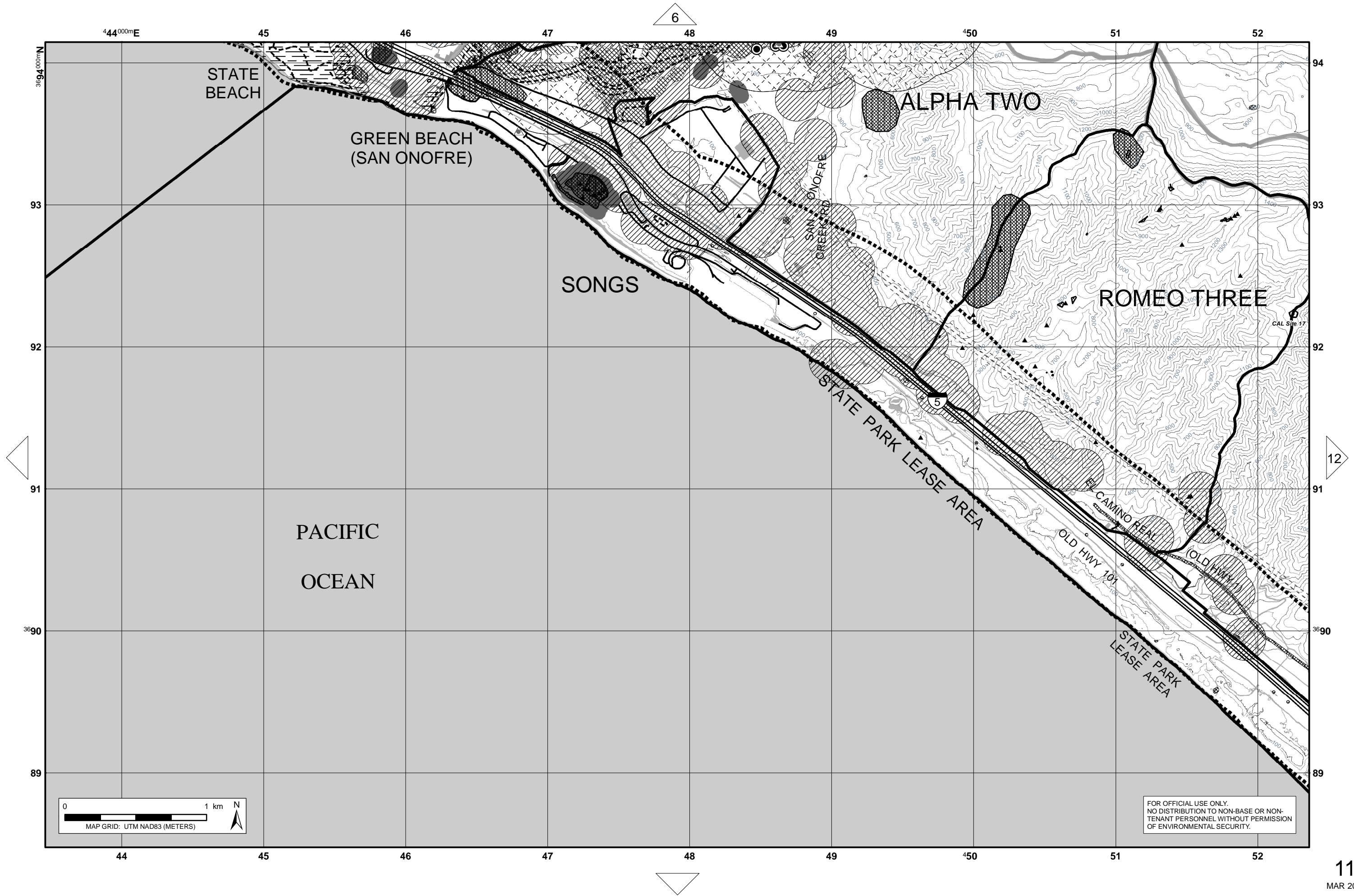
LANDING ZONE SITES



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# MAP LEGEND



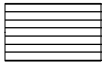
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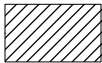
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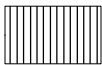
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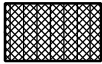
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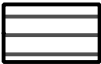
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MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
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RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



COASTAL ZONE  
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CREEKS, DRAINAGES, LAGOONS  
AND ASSOCIATED WETLANDS  
(NATIONAL WETLANDS INVENTORY 1985)  
(Refer to Item #s 4 and 6 on Pages 2-5 and 2-6, Item #1i  
on Page 2-2, and Item #9d on Page 2-8 of Range Regs)

Wetlands Inventory is not complete. Assume that intermittent streams, ditches, and riparian areas constitute wetlands, which are jurisdictional for Clean Water Act (CWA), Section 404 purposes.



SURFACE WATER  
(PACIFIC OCEAN, LAKE O'NEILL,  
AND OTHER BODIES OF WATER)



BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



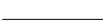
SDG&E 230KV TRANSMISSION LINES



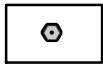
CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



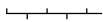
UTM NAD83 1,000 METER GRID LINES



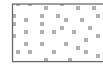
MOUT TRAINING FACILITIES



LANDING ZONE SITES

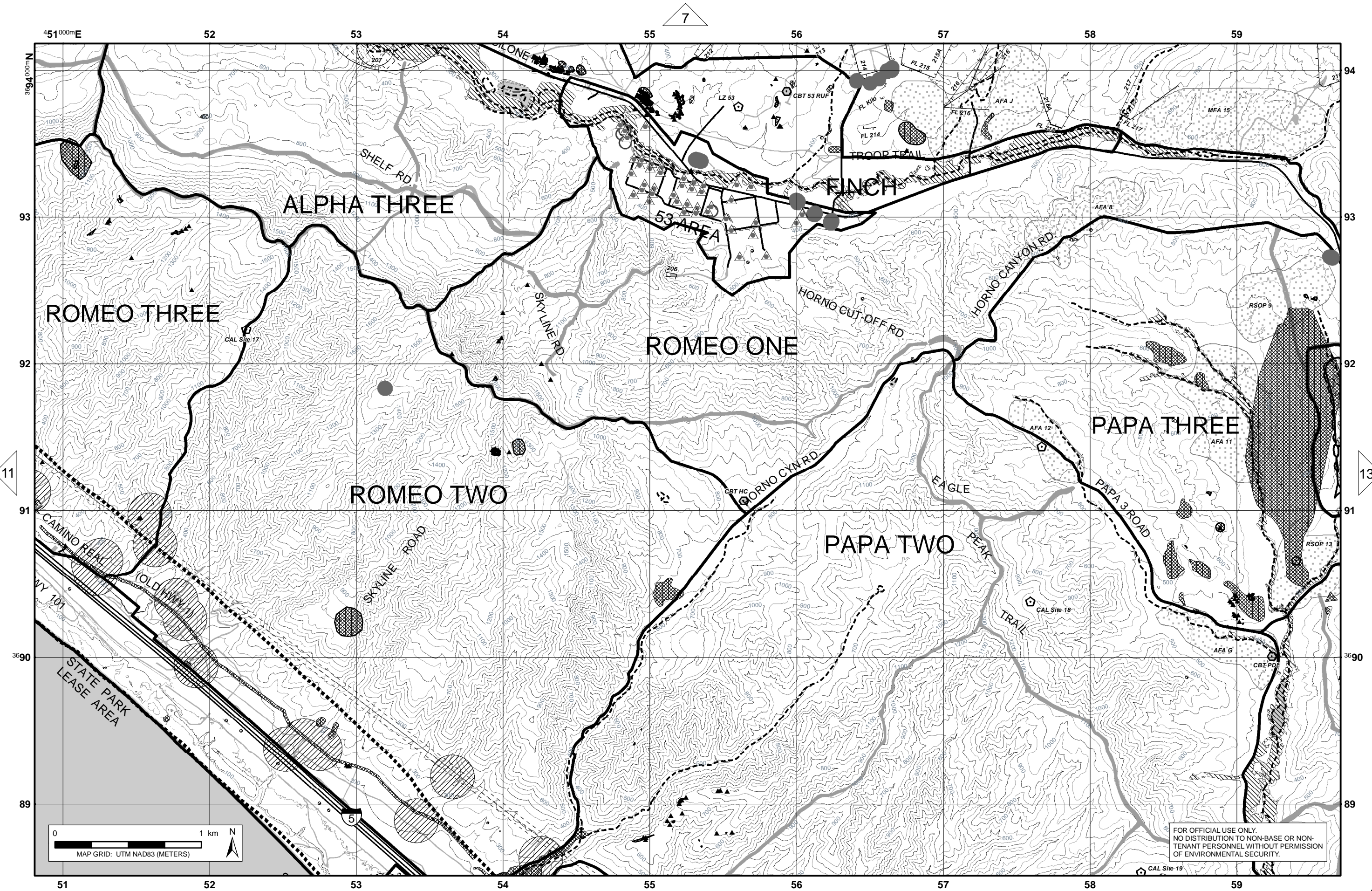


LIVE FIRE RANGE LOCATION



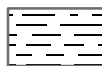
ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)







# MAP LEGEND



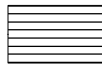
ESTUARINE HABITAT / MANAGEMENT AREA  
occupied by at least one of the following:  
CALIFORNIA LEAST TERN  
WESTERN SNOWY PLOVER  
LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



RIPARIAN HABITAT  
occupied by at least one of the following:  
LEAST BELL'S VIREO  
SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



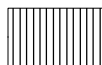
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



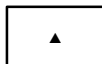
VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
(Refer to Item #s 10 and 11 on  
Pages 2-10 and 2-11 of Range Regs)



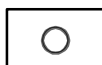
MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



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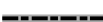
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SURFACE WATER  
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BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



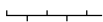
UTM NAD83 1,000 METER GRID LINES



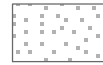
MOUT TRAINING FACILITIES



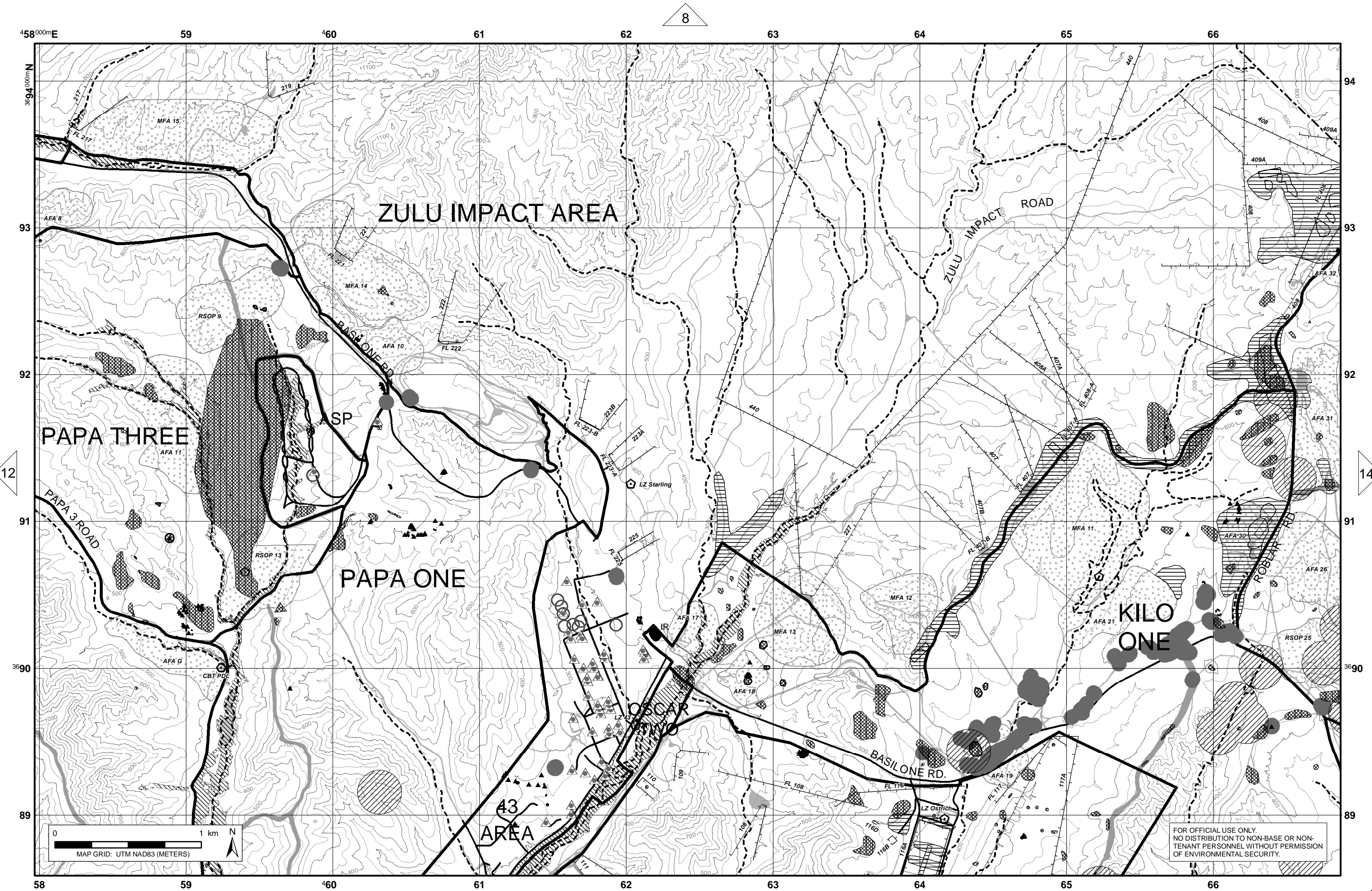
LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)



12

14

16

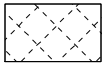
# MAP LEGEND



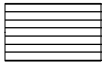
ESTUARINE HABITAT / MANAGEMENT AREA  
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LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



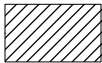
RIPARIAN HABITAT  
occupied by at least one of the following:  
LEAST BELL'S VIREO  
SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



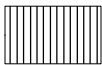
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



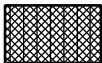
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



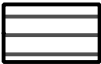
PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
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MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



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BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



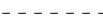
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



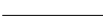
SDG&E 230KV TRANSMISSION LINES



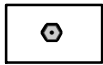
CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



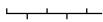
UTM NAD83 1,000 METER GRID LINES



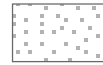
MOUT TRAINING FACILITIES



LANDING ZONE SITES

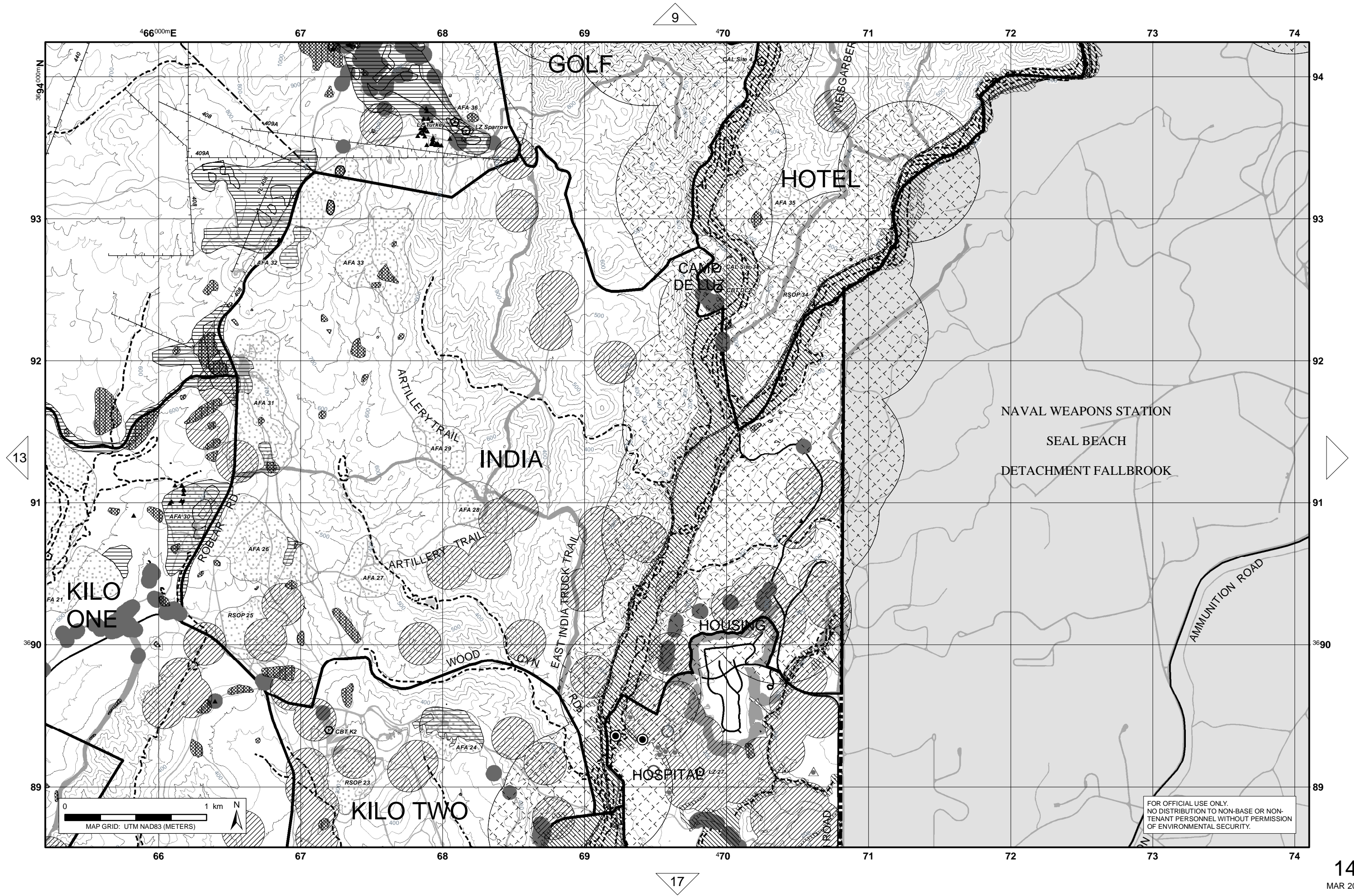


LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)







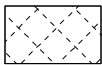
# MAP LEGEND



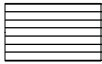
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WESTERN SNOWY PLOVER  
LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



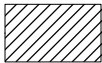
RIPARIAN HABITAT  
occupied by at least one of the following:  
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(Refer to Item #9d on Page 2-8 of Range Regs)



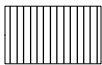
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



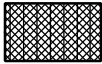
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
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MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



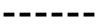
PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



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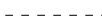
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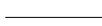
SDG&E 230KV TRANSMISSION LINES



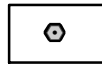
CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



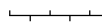
UTM NAD83 1,000 METER GRID LINES



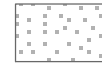
MOUT TRAINING FACILITIES



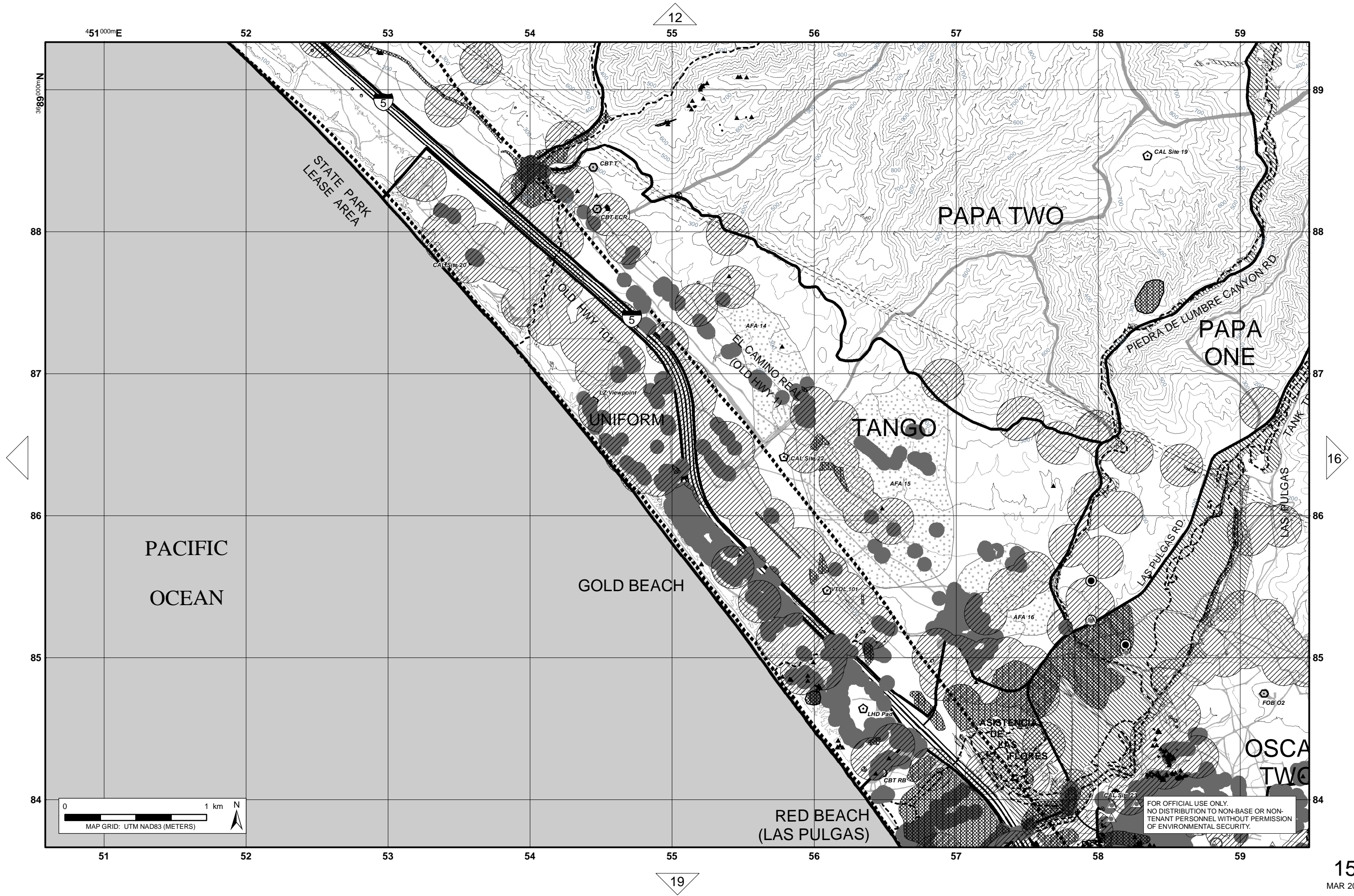
LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)



# MAP LEGEND



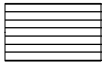
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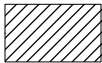
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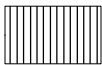
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
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STEPHENS' KANGAROO RAT  
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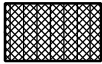
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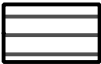
PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
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MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



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SURFACE WATER  
(PACIFIC OCEAN, LAKE O'NEILL,  
AND OTHER BODIES OF WATER)



BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



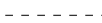
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



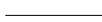
SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



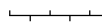
UTM NAD83 1,000 METER GRID LINES



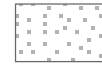
MOUT TRAINING FACILITIES



LANDING ZONE SITES

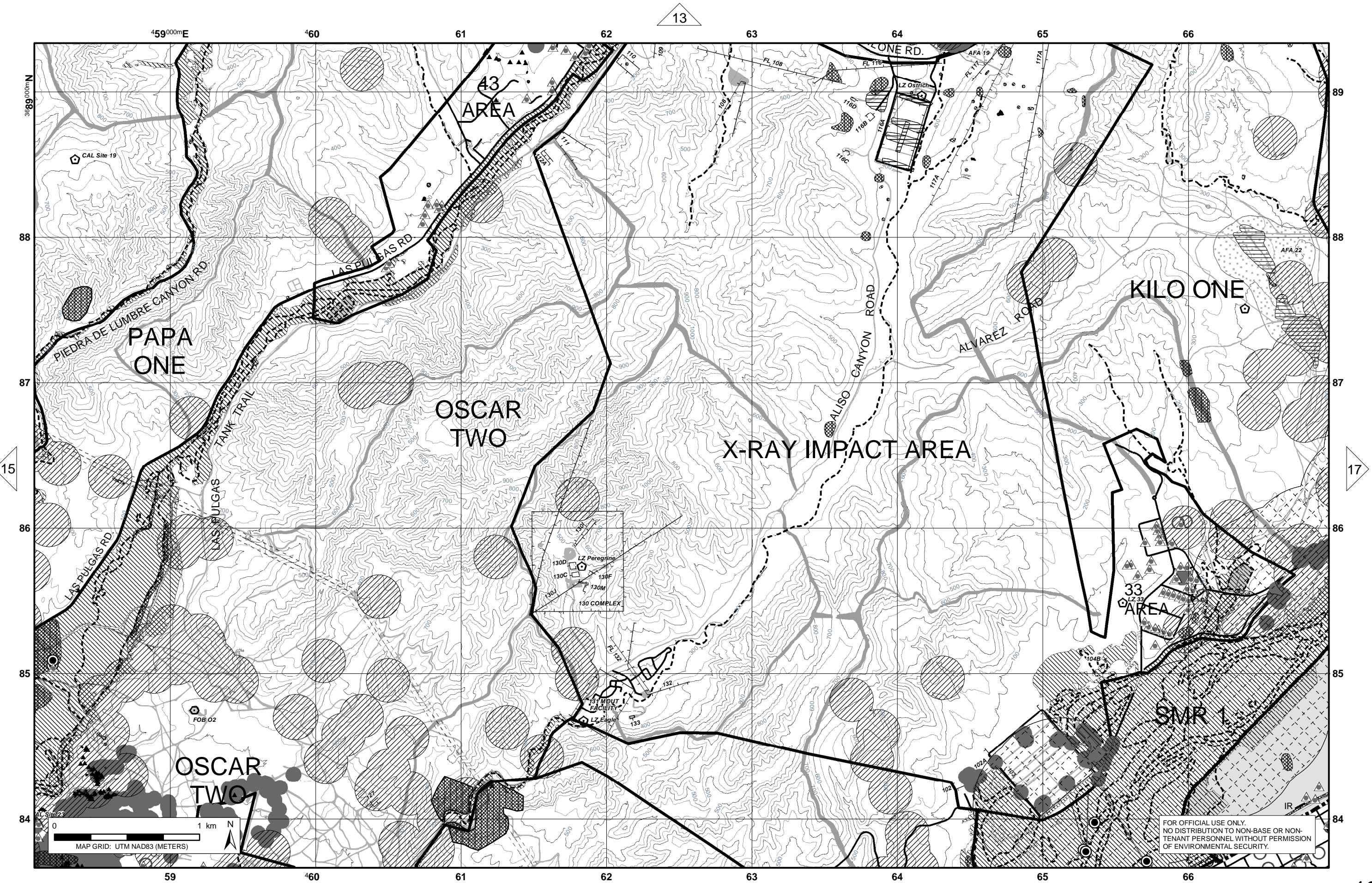


LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)







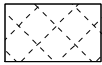
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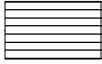
ESTUARINE HABITAT / MANAGEMENT AREA  
occupied by at least one of the following:  
CALIFORNIA LEAST TERN  
WESTERN SNOWY PLOVER  
LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



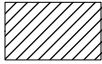
RIPARIAN HABITAT  
occupied by at least one of the following:  
LEAST BELL'S VIREO  
SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



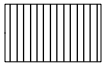
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



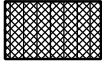
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
(Refer to Item #s 10 and 11 on  
Pages 2-10 and 2-11 of Range Regs)



MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE

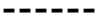


IR - INSTALLATION RESTORATION SITE



COASTAL ZONE  
(CALIFORNIA COASTAL COMMISSION)

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CREEKS, DRAINAGES, LAGOONS  
AND ASSOCIATED WETLANDS  
(NATIONAL WETLANDS INVENTORY 1985)  
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SURFACE WATER  
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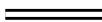
BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



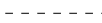
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



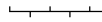
UTM NAD83 1,000 METER GRID LINES



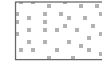
MOUT TRAINING FACILITIES



LANDING ZONE SITES

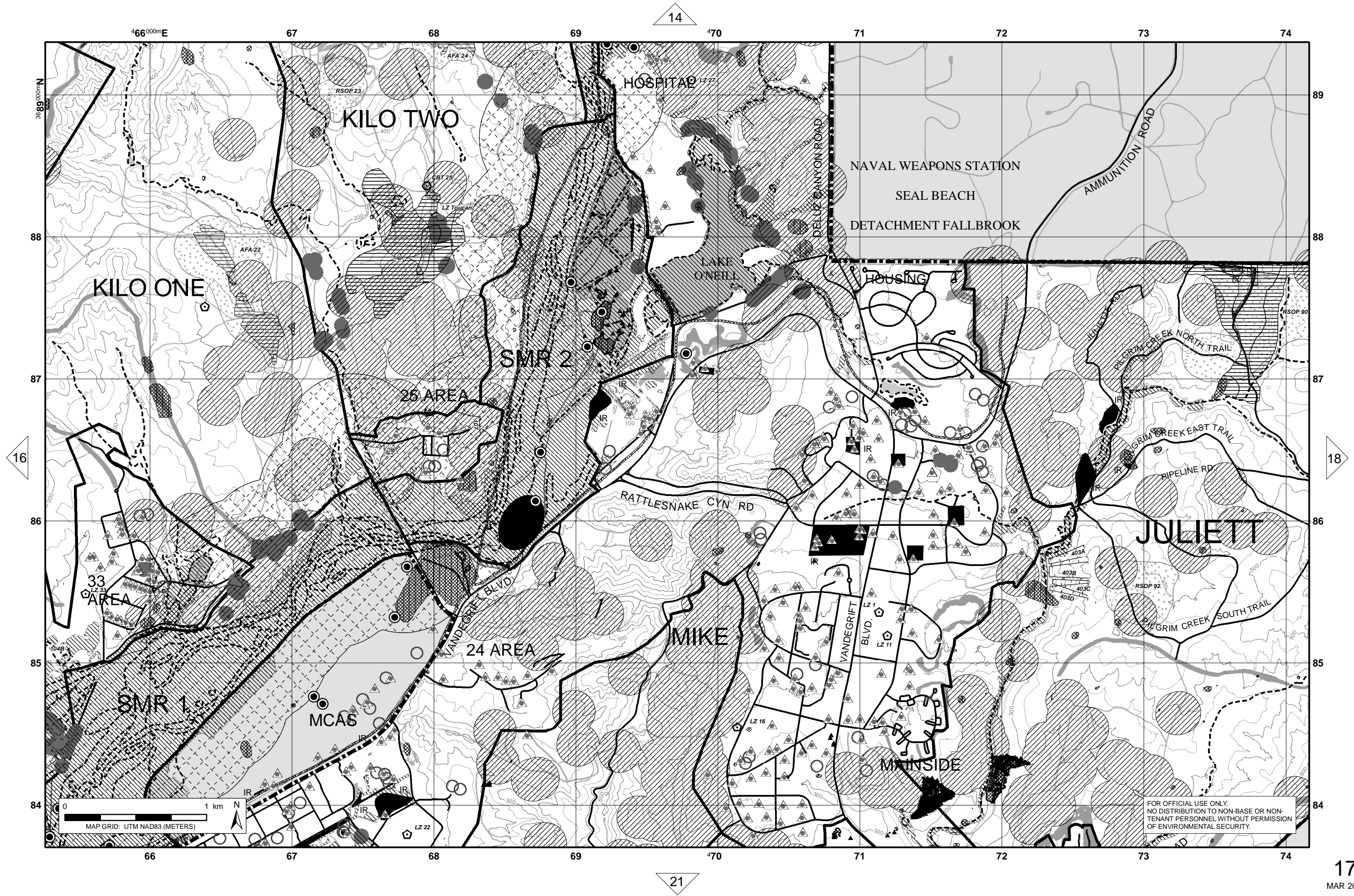


LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)







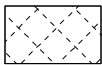
# MAP LEGEND



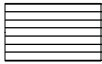
ESTUARINE HABITAT / MANAGEMENT AREA  
occupied by at least one of the following:  
CALIFORNIA LEAST TERN  
WESTERN SNOWY PLOVER  
LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



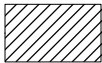
RIPARIAN HABITAT  
occupied by at least one of the following:  
LEAST BELL'S VIREO  
SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



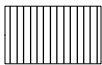
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



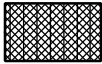
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
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MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



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SURFACE WATER  
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BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



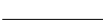
SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



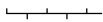
UTM NAD83 1,000 METER GRID LINES



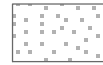
MOUT TRAINING FACILITIES



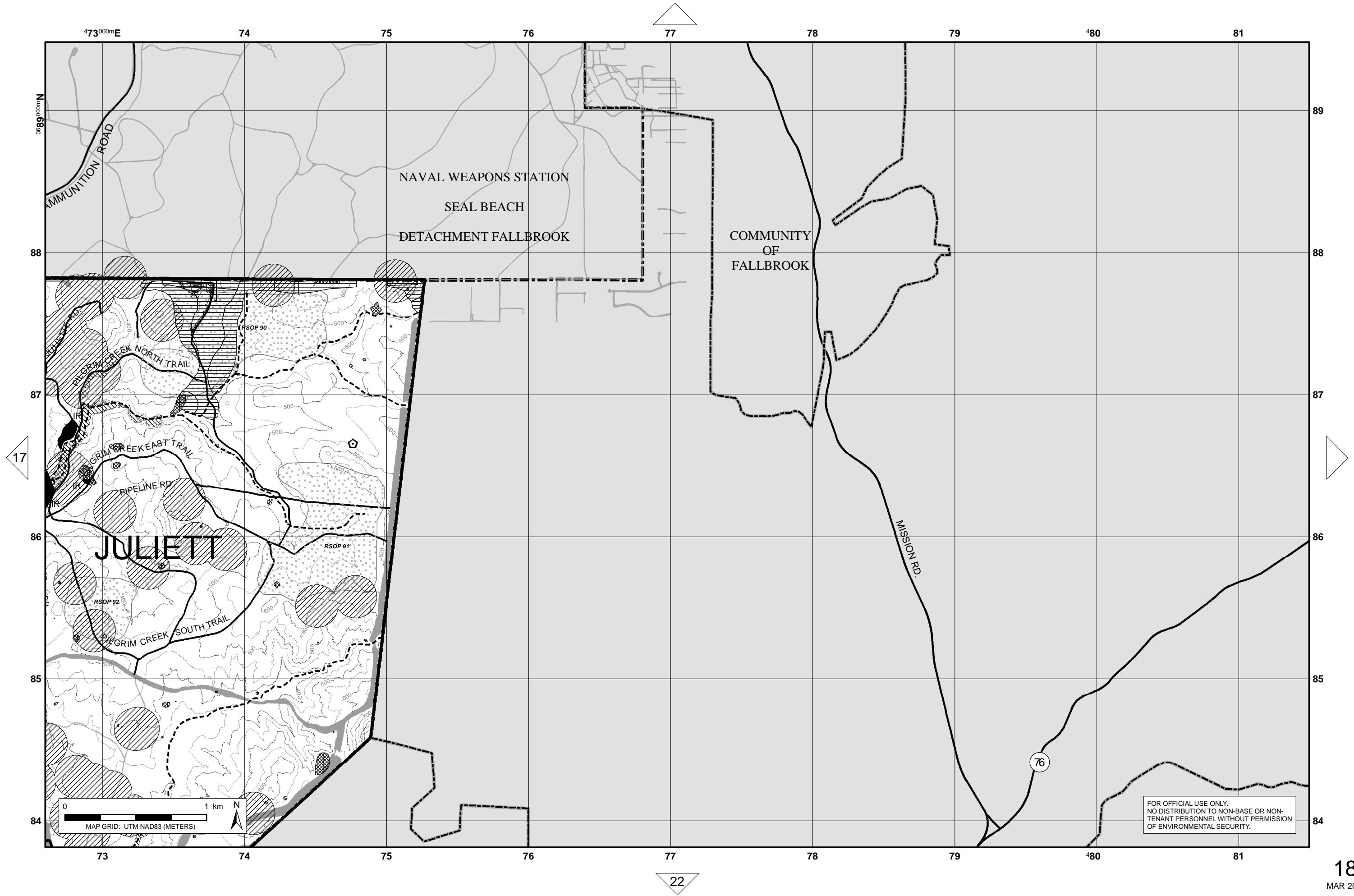
LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)



# MAP LEGEND



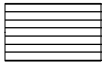
ESTUARINE HABITAT / MANAGEMENT AREA  
occupied by at least one of the following:  
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LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
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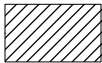
RIPARIAN HABITAT  
occupied by at least one of the following:  
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SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



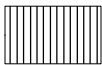
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



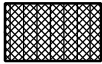
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



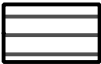
PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
(Refer to Item #s 10 and 11 on  
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MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE

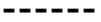


IR - INSTALLATION RESTORATION SITE



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BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



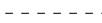
FREEWAY (I-5, CA-76)



PAVED ROAD



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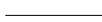
SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



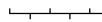
UTM NAD83 1,000 METER GRID LINES



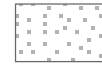
MOUT TRAINING FACILITIES



LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)



15

51 52 53 54 55 56 57 58 59

3684000mN

83

82

81

3680

79

451000mE

52

53

54

55

56

57

58

59

OSCAR TWO

84

RED BEACH (LAS PULGAS)

Estuarine Special Management Zone

LZ Red Beach

WHITE BEACH

CAL Site 21

VTOL 1

SECTION D

Estuarine Special Management Zone

Victor Mitigation Area

WHITE BEACH (ALISO)

Cocklebur Mitigation Area

83

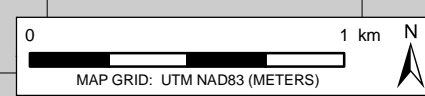
82

81

3680

79

PACIFIC OCEAN



FOR OFFICIAL USE ONLY.  
NO DISTRIBUTION TO NON-BASE OR NON-TENANT PERSONNEL WITHOUT PERMISSION OF ENVIRONMENTAL SECURITY.

20

# MAP LEGEND



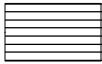
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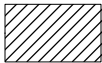
RIPARIAN HABITAT  
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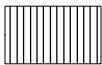
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
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STEPHENS' KANGAROO RAT  
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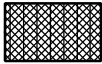
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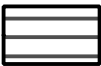
PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



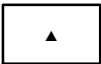
VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
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MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
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RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



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(PACIFIC OCEAN, LAKE O'NEILL,  
AND OTHER BODIES OF WATER)



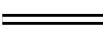
BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



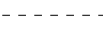
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



SDG&E 230KV TRANSMISSION LINES



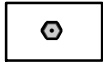
CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



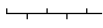
UTM NAD83 1,000 METER GRID LINES



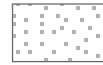
MOUT TRAINING FACILITIES



LANDING ZONE SITES

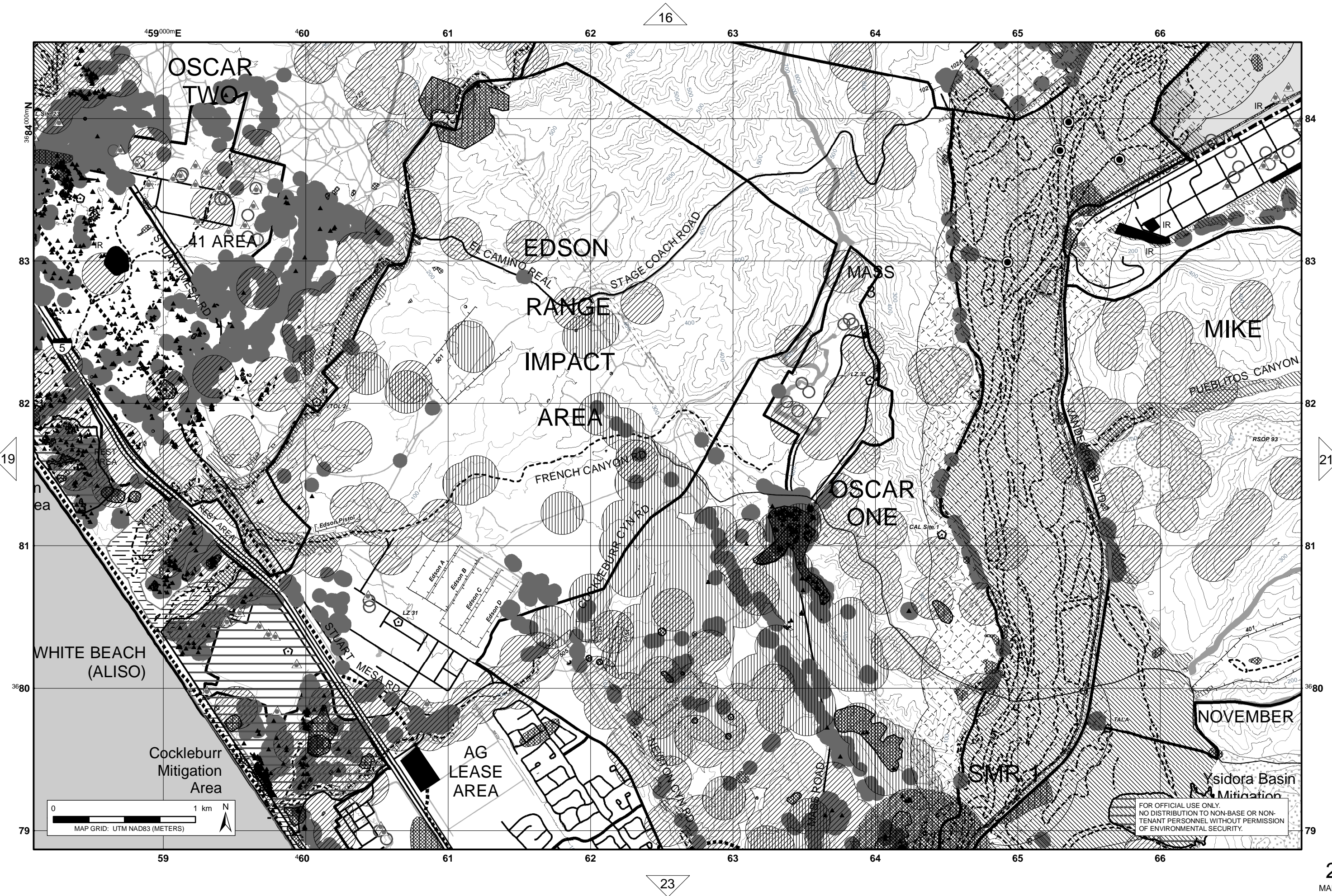


LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)







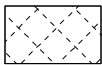
# MAP LEGEND



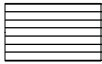
ESTUARINE HABITAT / MANAGEMENT AREA  
occupied by at least one of the following:  
CALIFORNIA LEAST TERN  
WESTERN SNOWY PLOVER  
LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



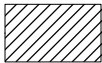
RIPARIAN HABITAT  
occupied by at least one of the following:  
LEAST BELL'S VIREO  
SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



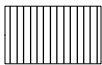
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



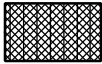
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
(Refer to Item #s 10 and 11 on  
Pages 2-10 and 2-11 of Range Regs)



MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



COASTAL ZONE  
(CALIFORNIA COASTAL COMMISSION)

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CREEKS, DRAINAGES, LAGOONS  
AND ASSOCIATED WETLANDS  
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SURFACE WATER  
(PACIFIC OCEAN, LAKE O'NEILL,  
AND OTHER BODIES OF WATER)



BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



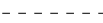
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



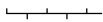
UTM NAD83 1,000 METER GRID LINES



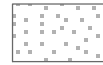
MOUT TRAINING FACILITIES



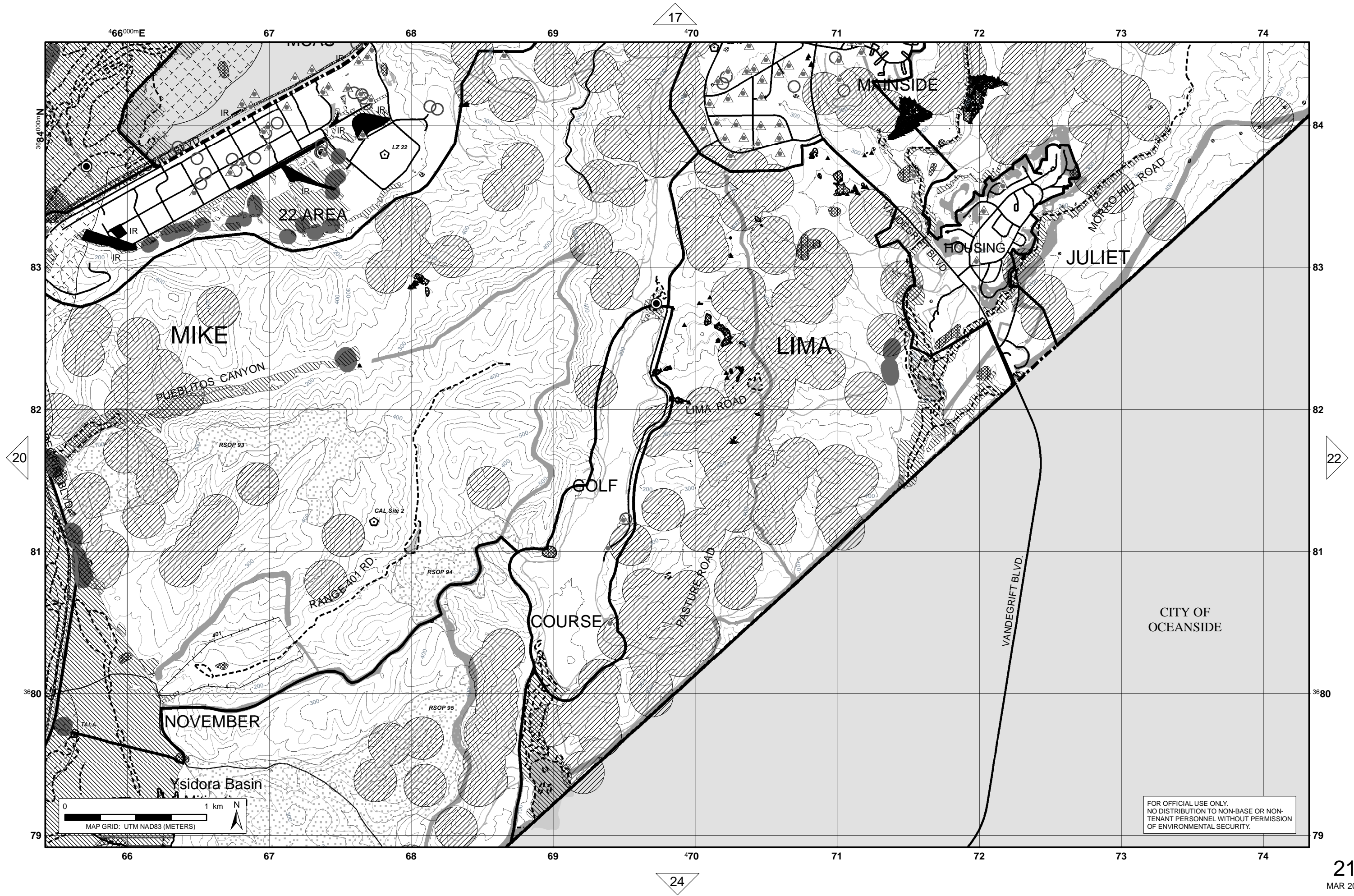
LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)



# MAP LEGEND



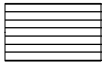
ESTUARINE HABITAT / MANAGEMENT AREA  
occupied by at least one of the following:  
CALIFORNIA LEAST TERN  
WESTERN SNOWY PLOVER  
LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



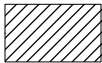
RIPARIAN HABITAT  
occupied by at least one of the following:  
LEAST BELL'S VIREO  
SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



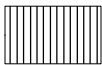
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



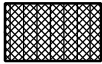
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



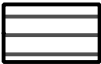
PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
(Refer to Item #s 10 and 11 on  
Pages 2-10 and 2-11 of Range Regs)



MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



COASTAL ZONE  
(CALIFORNIA COASTAL COMMISSION)

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SURFACE WATER  
(PACIFIC OCEAN, LAKE O'NEILL,  
AND OTHER BODIES OF WATER)



BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



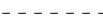
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



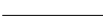
SDG&E 230KV TRANSMISSION LINES



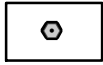
CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



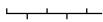
UTM NAD83 1,000 METER GRID LINES



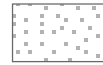
MOUT TRAINING FACILITIES



LANDING ZONE SITES

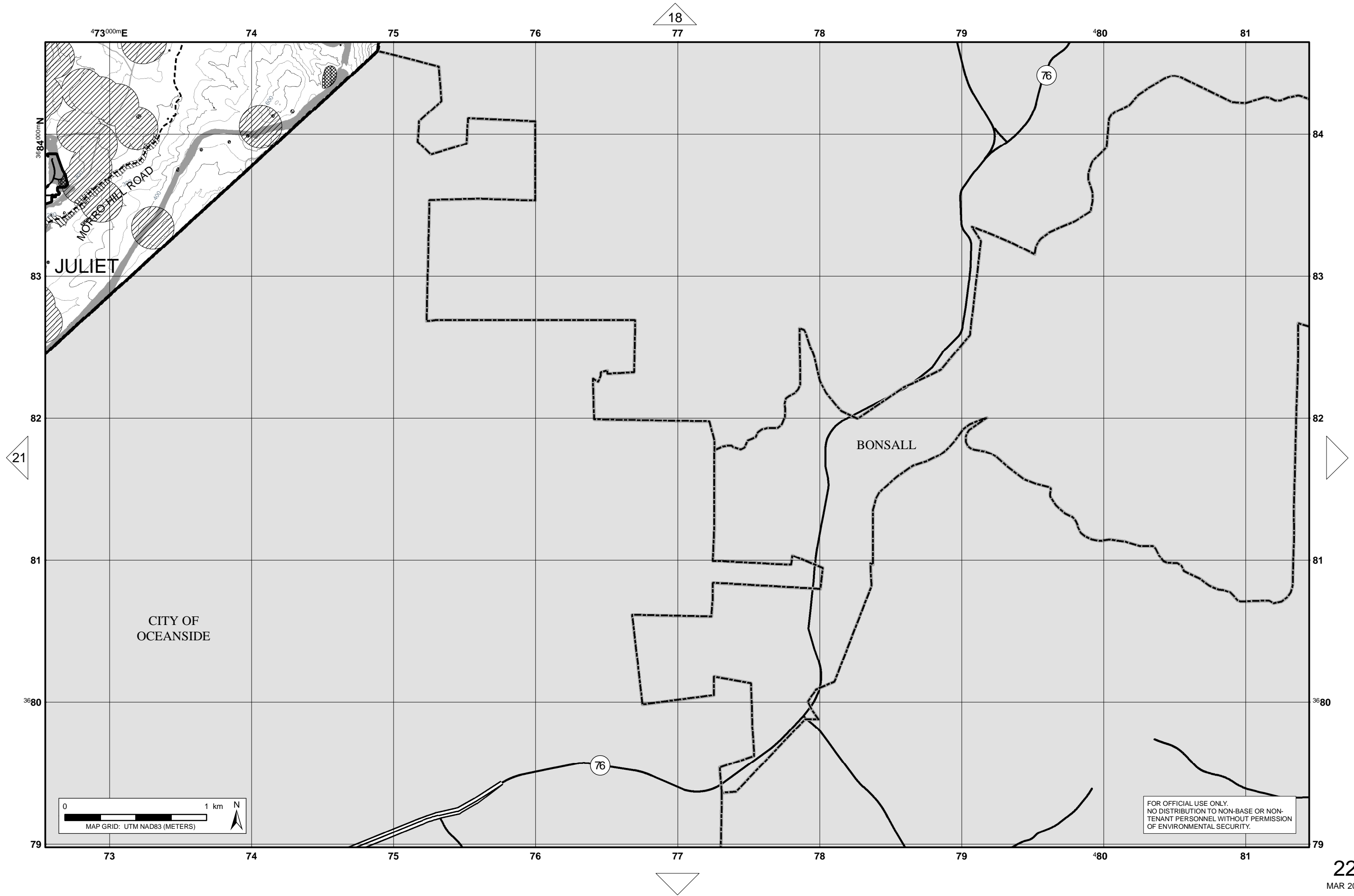


LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)





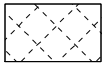
# MAP LEGEND



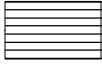
ESTUARINE HABITAT / MANAGEMENT AREA  
occupied by at least one of the following:  
CALIFORNIA LEAST TERN  
WESTERN SNOWY PLOVER  
LIGHT-FOOTED CLAPPER RAIL  
TIDEWATER GOBY  
(Refer to Item #8 on Pages 2-6  
and 2-7 of Range Regs)



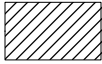
RIPARIAN HABITAT  
occupied by at least one of the following:  
LEAST BELL'S VIREO  
SOUTHWESTERN WILLOW FLYCATCHER  
ARROYO TOAD  
(Refer to Item #9d on Page 2-8 of Range Regs)



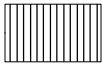
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
OCCUPIED HABITAT  
(Refer to Item #9g on Pages 2-9  
and 2-10 of Range Regs)



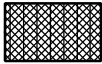
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



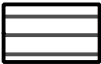
PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
ENVIRONMENTALLY SENSITIVE AREAS  
REQUIRING SIMILAR PROTECTION METHODS  
(Refer to Item #s 10 and 11 on  
Pages 2-10 and 2-11 of Range Regs)



MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE

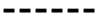


IR - INSTALLATION RESTORATION SITE



COASTAL ZONE  
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SURFACE WATER  
(PACIFIC OCEAN, LAKE O'NEILL,  
AND OTHER BODIES OF WATER)



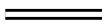
BASE BOUNDARY



CITY / COUNTY / USFS BOUNDARIES



TRAINING AREA BOUNDARY



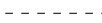
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



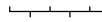
UTM NAD83 1,000 METER GRID LINES



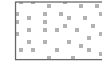
MOUT TRAINING FACILITIES



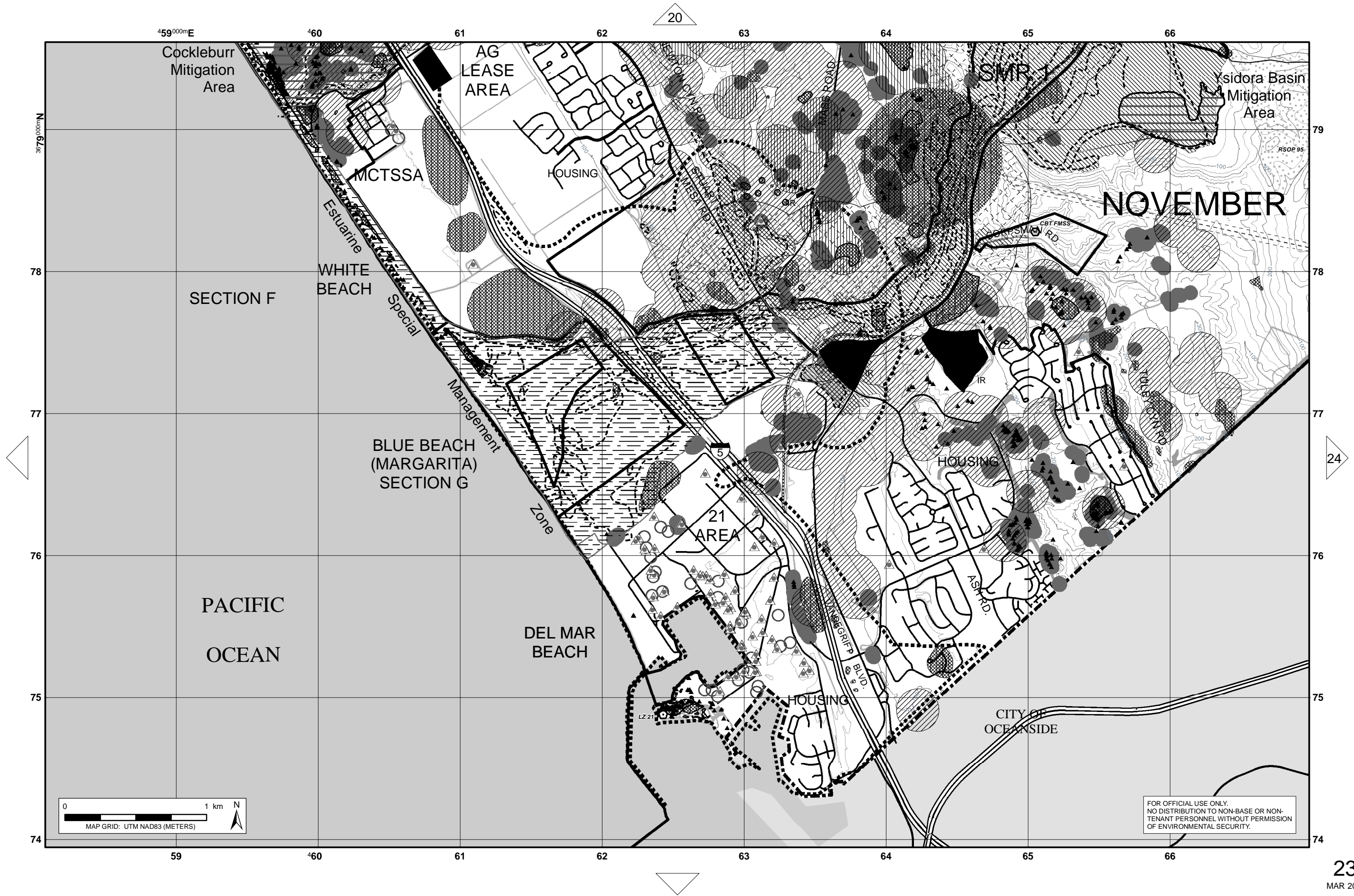
LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
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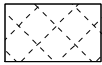
# MAP LEGEND



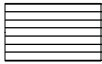
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TIDEWATER GOBY  
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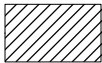
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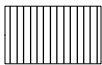
ARROYO TOAD (SURVEY ON-GOING)  
500 METER BUFFER  
(Refer to Item #9d on Page 2-8 of Range Regs)



STEPHENS' KANGAROO RAT  
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and 2-10 of Range Regs)



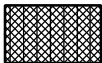
CALIFORNIA GNATCATCHER (VARIOUS SURVEYS)  
150 METER BUFFER  
(Refer to Item #9e on Pages 2-8  
and 2-9 of Range Regs)



PACIFIC POCKET MOUSE (SURVEY ON-GOING)  
150 METER BUFFER  
(Refer to Item #9f on Page 2-9 of Range Regs)



VERNAL POOLS  
50 METER BUFFER  
(Refer to Item #5 on Page 2-5 of Range Regs)



RARE PLANT AREAS AND OTHER  
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REQUIRING SIMILAR PROTECTION METHODS  
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MITIGATION AREAS:  
COCKLEBURR  
VICTOR  
YSIDORA BASIN  
(Refer to Item #1h on Page 2-2 of Range Regs)



RARE PLANT SITE  
(Refer to Item #10 on Page 2-10 of Range Regs)



WATER SUPPLY WELL



HAZARDOUS WASTE STORAGE SITE



PETROLEUM RELEASE



IR - INSTALLATION RESTORATION SITE



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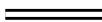
BASE BOUNDARY



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TRAINING AREA BOUNDARY



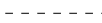
FREEWAY (I-5, CA-76)



PAVED ROAD



UNPAVED ROAD / TRAIL / FIREBREAK



SDG&E 230KV TRANSMISSION LINES



CONTOUR LINES (25 FOOT INTERVAL)



CONTOUR LINES (100 FOOT INTERVAL)



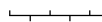
UTM NAD83 1,000 METER GRID LINES



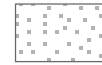
MOUT TRAINING FACILITIES



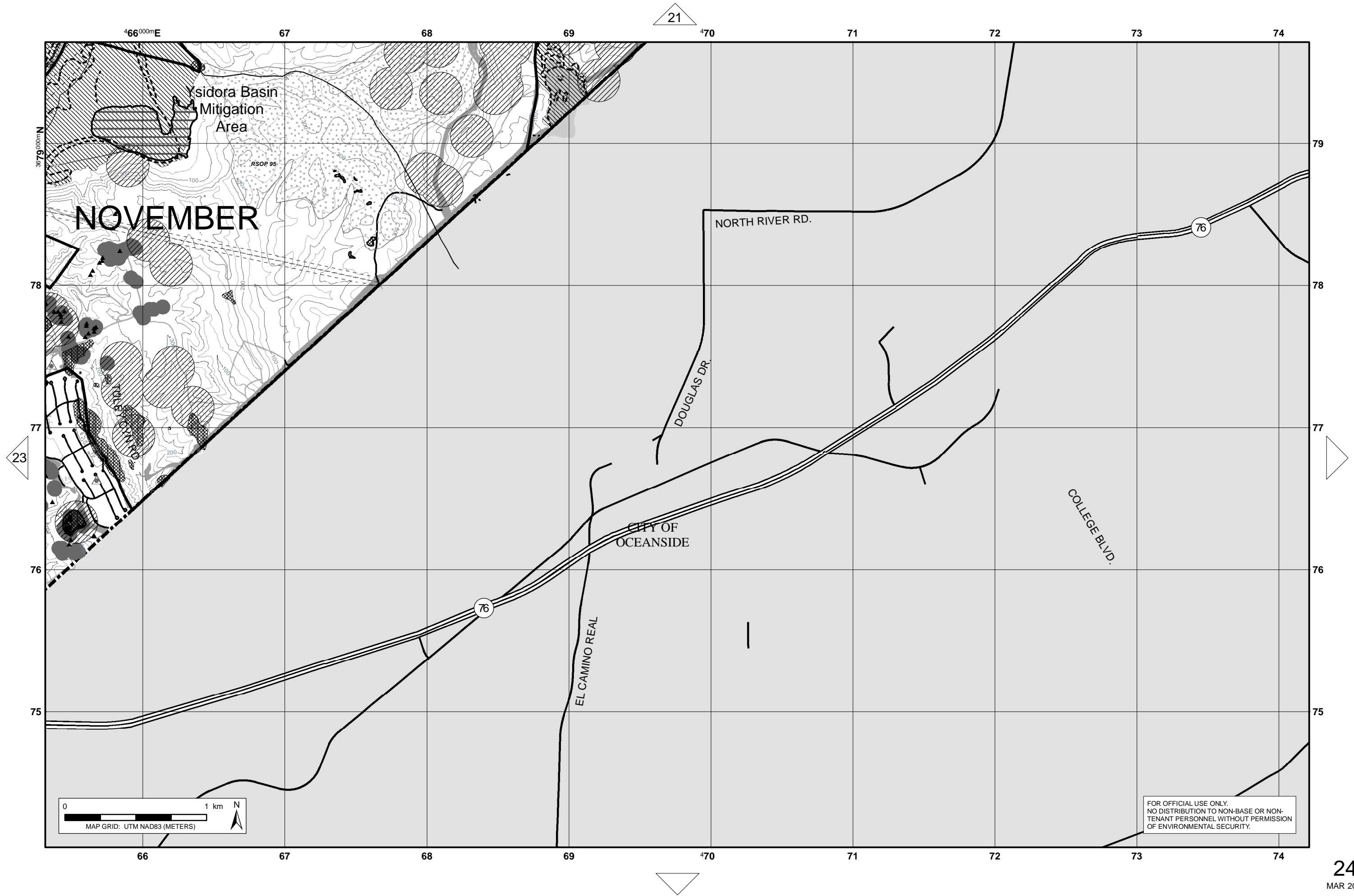
LANDING ZONE SITES



LIVE FIRE RANGE LOCATION



ARTILLERY (AFA) OR MORTAR (MFA)  
FIRING AREAS, AND RECON, SELECTION,  
OCCUPATION OF POSITION (RSOP)





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