# **Arcadia Fire Department**

# Wildland/Urban Interface Pre-Fire Plan District 107



#### SYMBOL LEGEND



1. The incident base will be determined by the Incident Commander and shall be established as needed.



2. Initial Staging Areas will be located on Oakwood Ave. North of Foothill Blvd. Staging may be relocated as needed by the Incident Commander.



3. Command Post will be designated by the first arriving Company Officer or Chief Officer.



4. Engine Safety Zone (ESZ) shall be designated by a green square with the number of engines that can be parked at the ESZ.



5. Public Safe Refuge Area (PSR) shall be designated by a green square with the letters "PSR" within the square.



6. Combustible Roofs shall be designated by each address being highlighted in pink.



7. Refers to special water supply issues in plan 107-3 (1A) and (1B). See Supplemental Section, Water Supply.



8. Fire Hydrant supplied by domestic water system.

# ARCADIA FIRE DEPARTMENT RESOURCE SUMMARY INFORMATION FOR PRE-BRUSH FIRE PLAN

This plan is to develop resource requirements for brush fire incidents in the City of Arcadia. This plan anticipates the ability to place units prior to the fire's arrival. A brush fire, which has already entered the City boundaries prior to placement, will require changes to the plan and additional resources.

#### **Station 107 / Plan 107-1**

Thomas Guide: Page 537 D-7, E-7 and 567 D-1

Resource estimate: 4 Strike Teams and 2 Strike Teams in reserve.

# **Station 107 / Plan 107-2**

Thomas Guide: Page 567 D-1, D-2

Resource estimate: 2 Strike Teams and 1 Strike Team in reserve.

# **Station 107 / Plan 107-3**

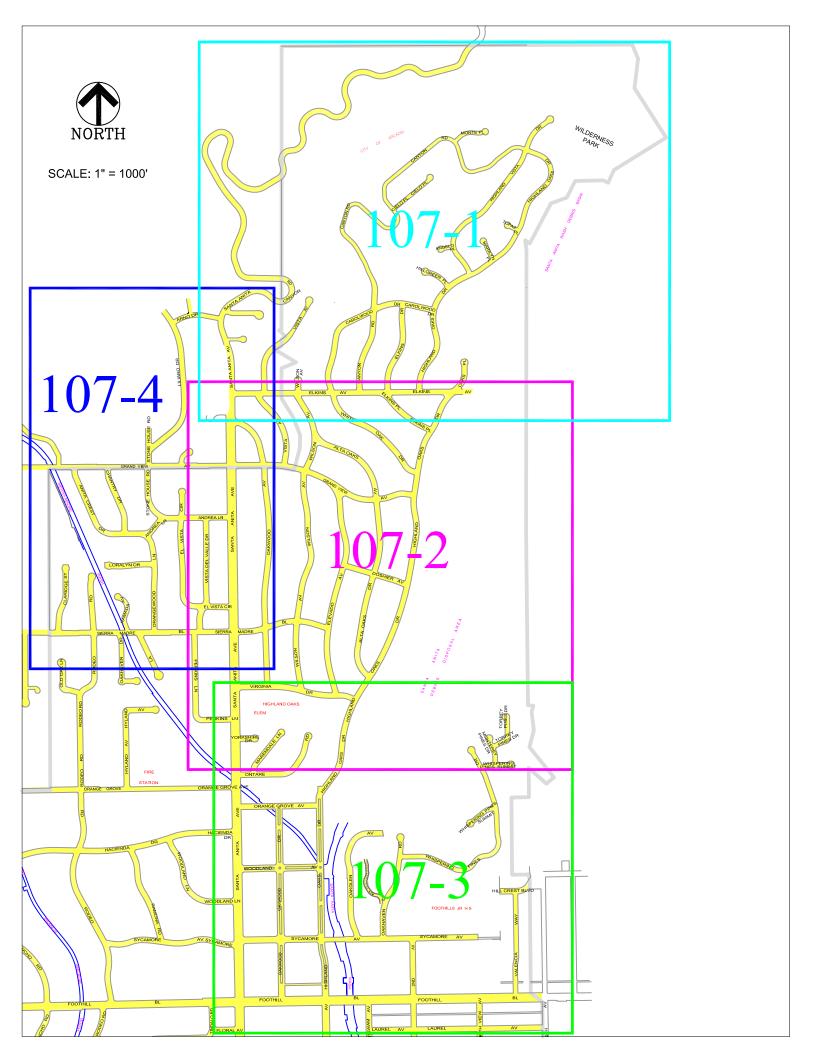
Thomas Guide: Page 567 D-2, D-3, E-2 and E-3

Resource estimate: 2 Strike Teams and 1 Strike Team in reserve.

# **Station 107 / Plan 107-4**

Thomas Guide: Page 567 C-2, D-2

Resource Estimate: 2 Strike Teams and 1 Strike Team in reserve.



#### **PLAN 107-1**

#### Thomas Guide 537-D-7, E-7 / Thomas Guide 567-D1

#### STREET INDEX

Elkins Ave. Angelo Carolwood Dr.
Oaks Pl. Highland Vista Dr. Monte Dr.
Highland Oaks Ave. Marilyn Pl. Hillgreen

Elkins Pl. Topaz Dr. Canyon Rd. Cielo Pl.

#### **COMMAND POST**

The first arriving Captain or Battalion Chief will designate a field command post.

#### **STAGING**

Initial staging will be located on Oakwood Ave. north of Foothill Blvd. Staging may be moved when Unified Command is established.

#### **BASE**

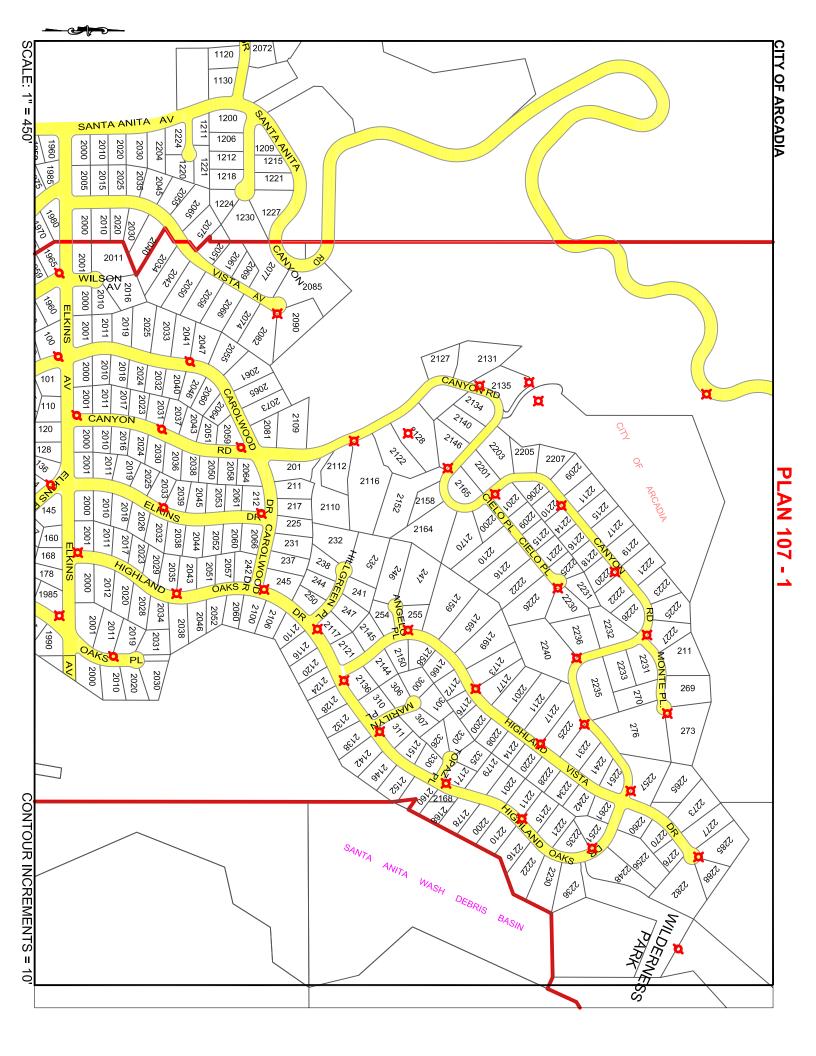
Base location will be designated as needed.

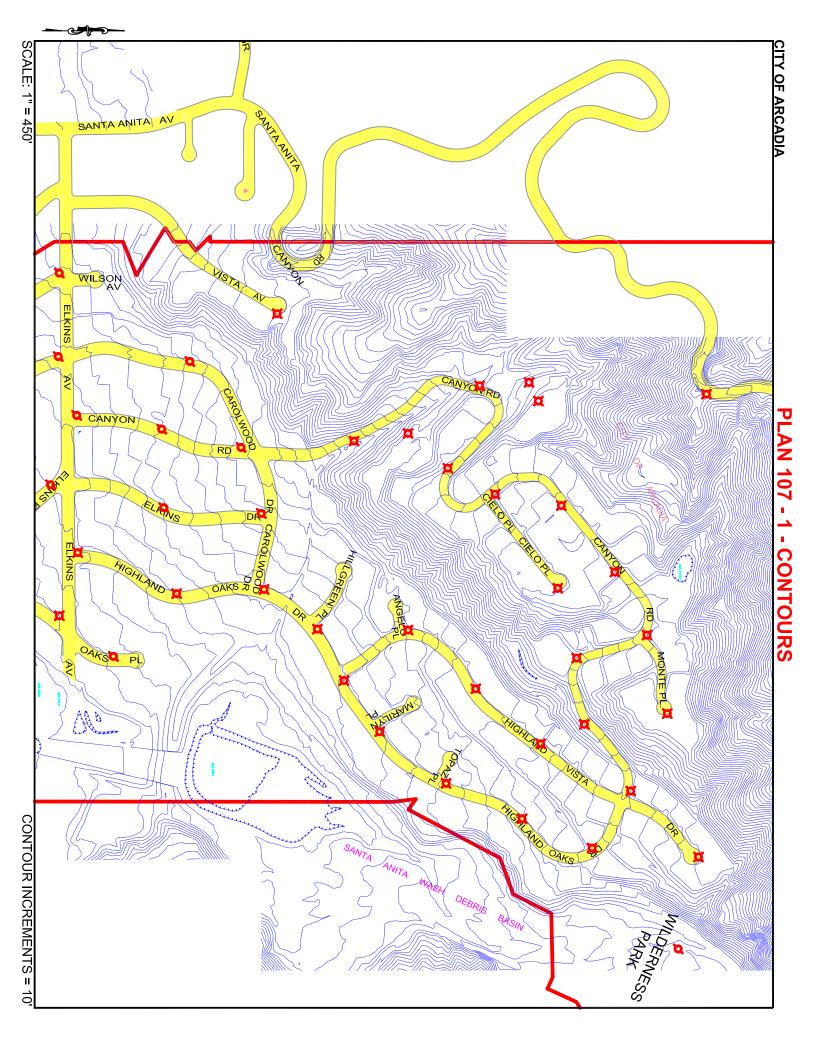
#### **RESOURCES**

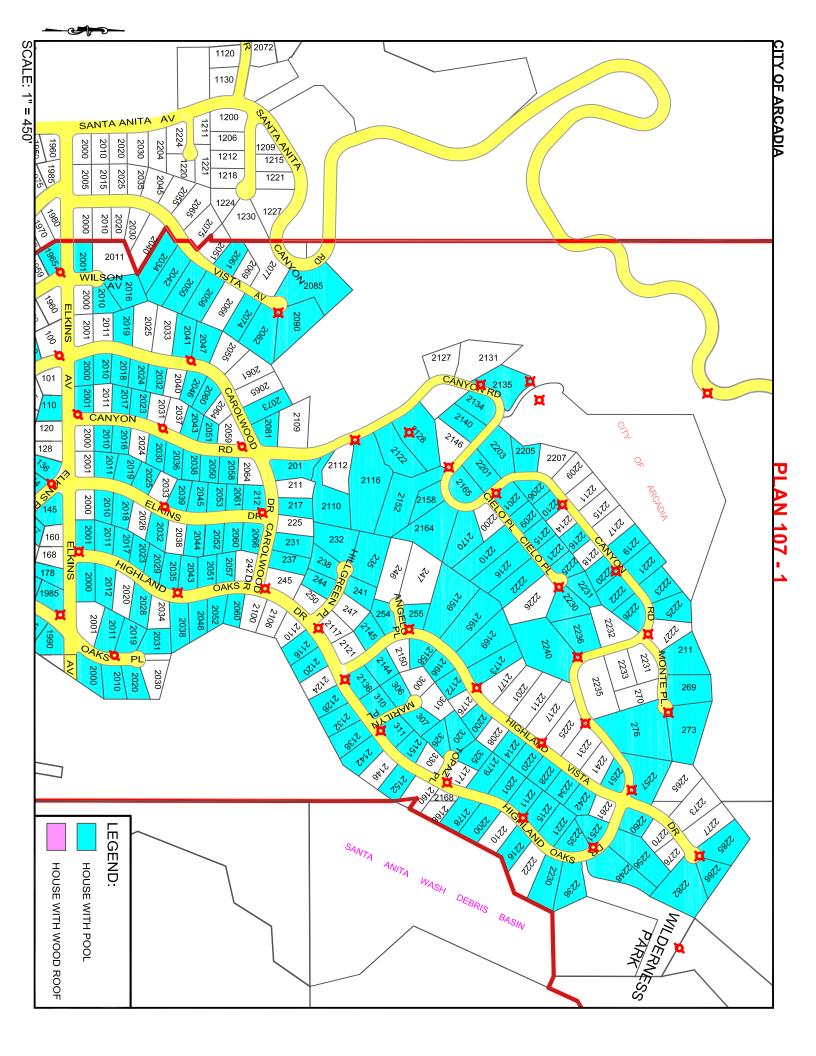
4 Strike Teams and 2 Strike Teams in reserve.

#### **PERTINENT INFORMATION**

Access to the area is limited to main north and south streets. Santa Anita Ave. and Highland Oaks Dr. Highland Oaks adjoins the L.A. Co. Flood Control Basin on the east. Elkins is the main east and west street and leads to all points north. Canyon Rd. is available north of Elkins, and is a steep road. The north and west side of Canyon Rd. has steep terrain with brush interface. The Wilderness Park area is located in a canyon and has only one route in and out on a steep and narrow road. Thought should be given to safety and all non-essential personnel evacuating prior to fire arrival. Santa Anita Canyon Rd. is a mid-slope road with narrow and limited turn-around areas. There are few areas of protection from fire and no engine safety zones. Extreme caution should be taken if the fire is below the road. Evacuation of Santa Anita Canyon Rd. should be initiated immediately; it is the only means of egress from the Chantry Flats Area. The fuel load is heavy. The winds are erratic during Santa Ana wind conditions. Winds are down canyon in the morning switching to up canyon in the afternoon. Most of this area remains unburned for the last 45 years.







#### **PLAN 107-2**

# Thomas Guide 567 D-1, D-2

#### **STREET INDEX**

Santa Anita Ave.

Wilson Ave.

Alta Oaks

Virgina Dr.

Doshier Ave.

White Oak Dr.

Elkins Ave.

Oakwood Ave.

Elevado Ave.

Highland Oaks Ave.

Sierra Madre Blvd.

Grand View Ave.

Elkins Pl.

#### **COMMAND POST**

The first arriving Captain or Battalion Chief will designate a field command post.

#### **STAGING**

Initial staging will be located on Oakwood Ave north of Foothill Blvd. Staging may be moved when Unified Command is established.

#### **BASE**

Base location will be designated as needed.

#### **RESOURCES**

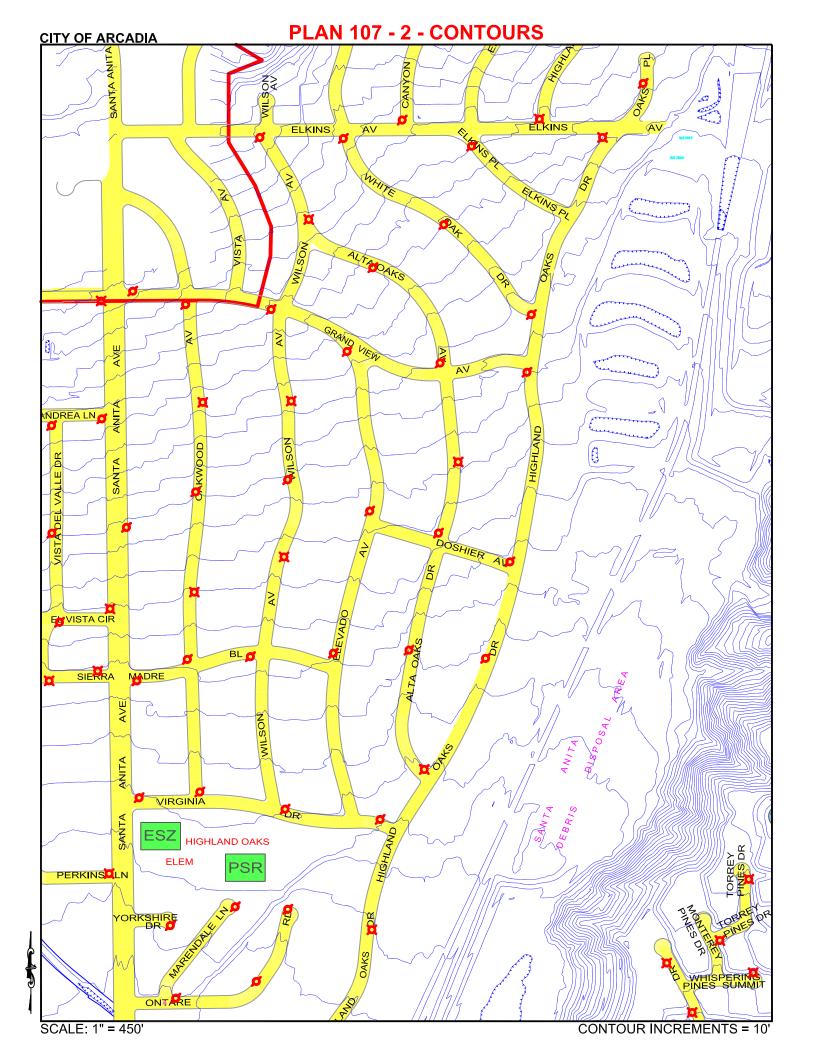
2 Strike Teams and 1 Strike Team in reserve

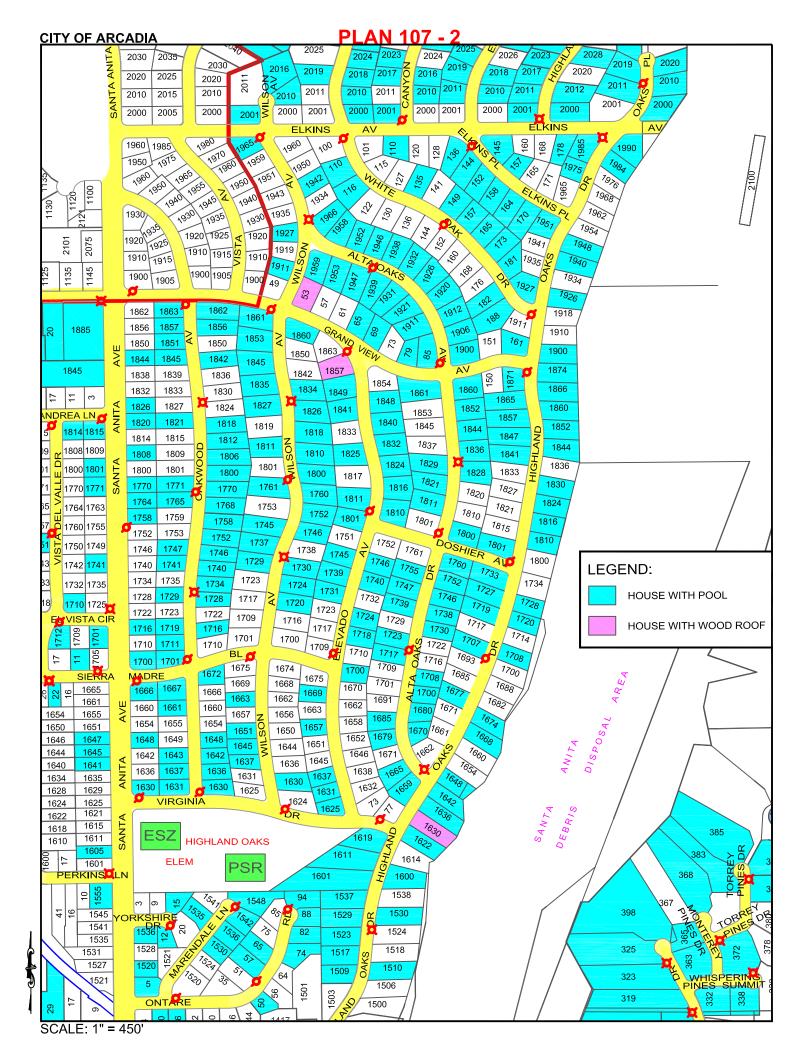
# **PERTINENT INFORMATION**

Access to the area is limited to main north and south streets. Santa Anita Ave. and Highland Oaks Dr. Highland Oaks adjoin the L.A. Co. Flood Control Basin on the east. Elkins, Virginia and Grand View are the main east/west streets. This area is adjoined on the east by debris and spreading basin. The brush in this area is medium to heavy with winds erratic during Santa Ana conditions. Daily winds are down canyon in the mornings and up canyon in the afternoon. This are has been unburned for the past 45 years.

**PLAN 107 - 2** 







#### PLAN 107-3

## Thomas Guide 567 D-2, D-3, E-2, E-3

#### STREET INDEX

Santa Anita Ave. Oakwood Dr. Second Ave. Highland Oaks Dr. Oak Haven Ln. Oak Glen Ave. Oak Haven Rd. Sycamore Ave. Woodland Ave. Orange Grove Ave. Marindale Ln. Ontare Rd. Yorkshire Dr. Virginia Dr. Torry Pines Dr. Whispering Pines Summit Monterey Pines Dr.

#### **COMMAND POST**

The first arriving Captain or Battalion Chief will designate a field command post.

#### **STAGING**

Initial staging will be located on Oakwood Ave north of Foothill Blvd. Staging may be moved when Unified Command is established.

#### BASE

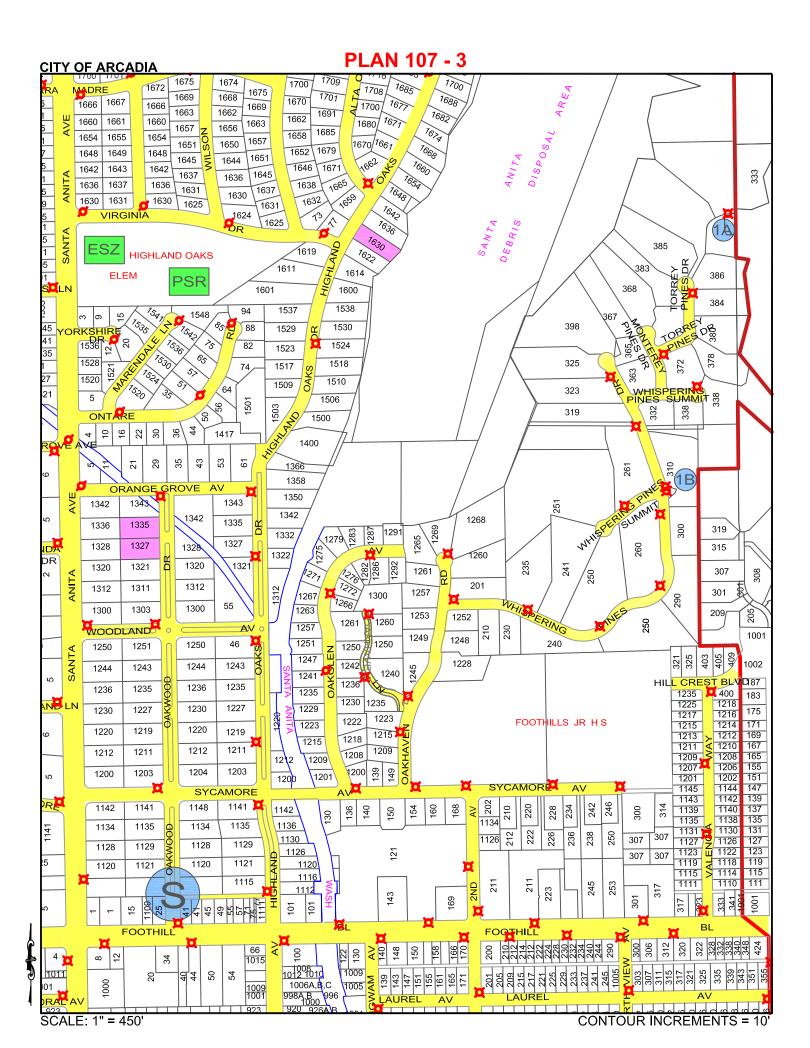
Base location will be designated as needed.

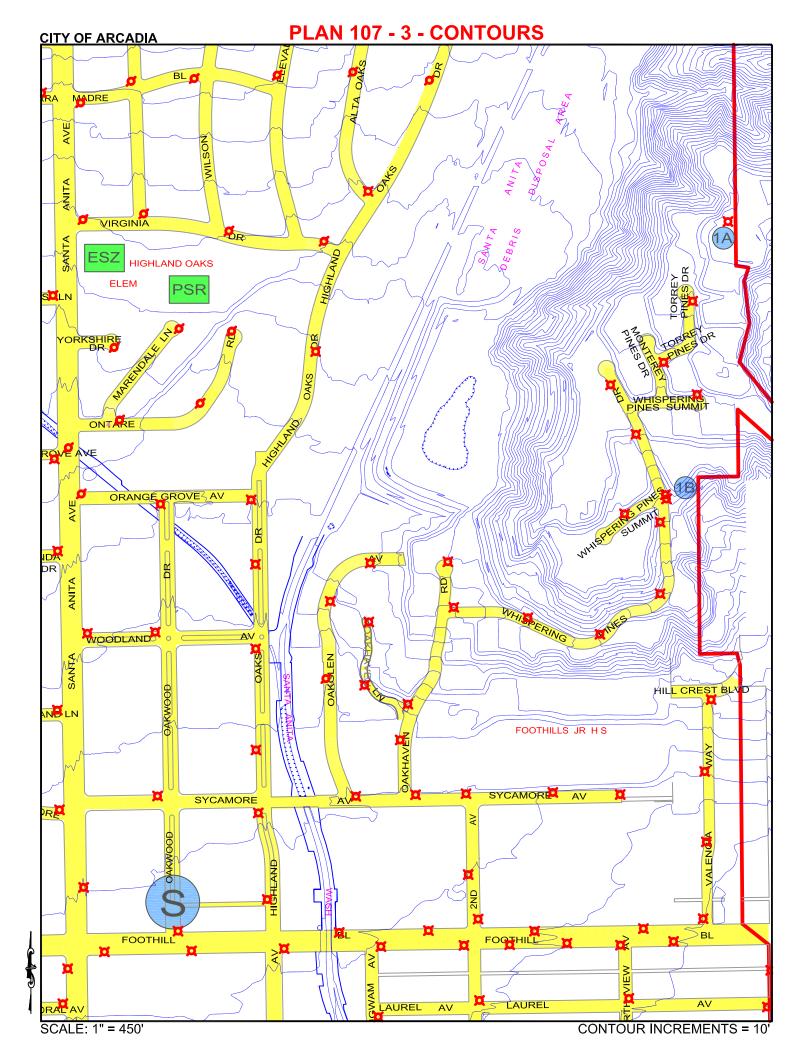
#### RESOURCES

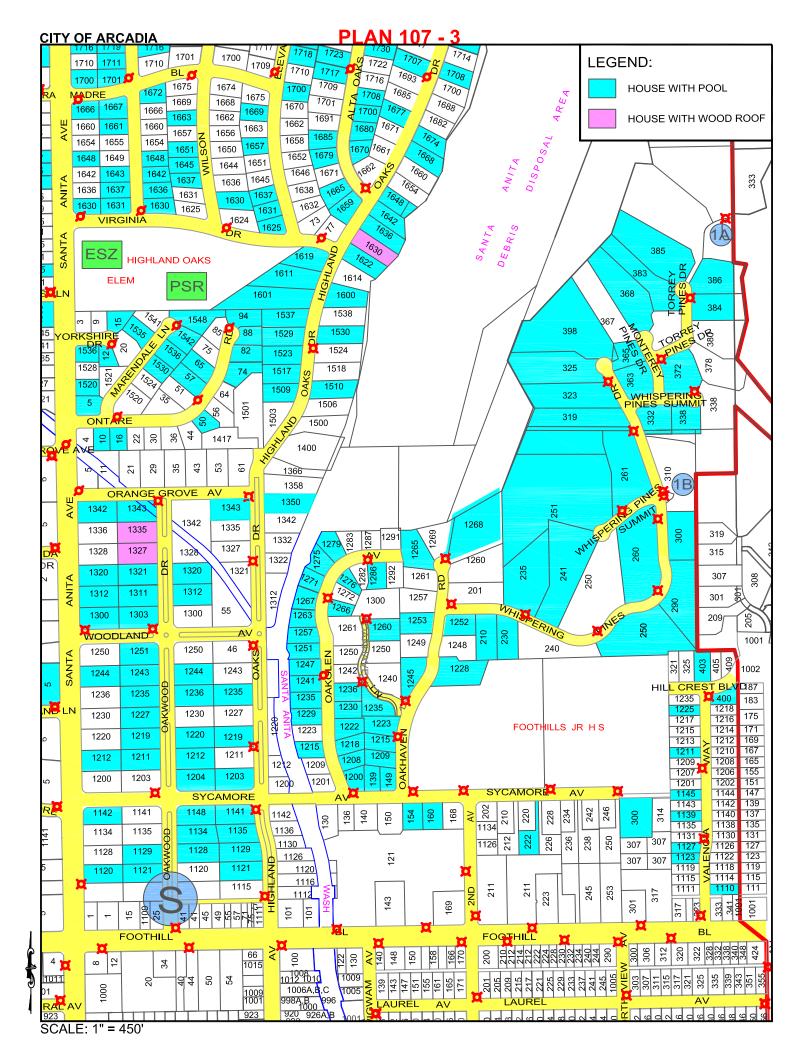
2 Strike Teams and 1 Strike Team in reserve.

#### PERTINENT INFORMATION

Access to the area is limited to main north and south streets. Santa Anita Ave. and Highland Oaks Dr. Highland Oaks adjoin the L.A. Co. Flood Control Basin on the east. East/West streets are Sycamore, Orange Grove and Virginia. The brush in this area is medium to heavy with winds erratic during Santa Ana conditions. Daily winds are down canyon in the mornings and up canyon in the afternoon. This are has been unburned for the past 45 years. Water Supply 1A and 1B, see Supplemental Information Section.







#### **PLAN 107-4**

#### Thomas Guide 567 C-2, D-2

#### STREET INDEX

Santa Anita Ave.

Claridge St.

Orangewood Ln.

Chantry Dr.

Stone House Rd.

Vista Del Valle Dr.

La Ramada Ave.

Laralyn Dr.

Sierra Madre Bl.

Rodeo Rd.

Anita Crest Dr.

Andrea Ln.

El Vista Cir.

La Ramada Ave.

Grand View Ave.

#### **COMMAND POST**

The first arriving Captain or Battalion Chief will designate a field command post.

#### **STAGING**

Initial staging will be located on Oakwood Ave north of Foothill Blvd. Staging may be moved when Unified Command is established.

#### **BASE**

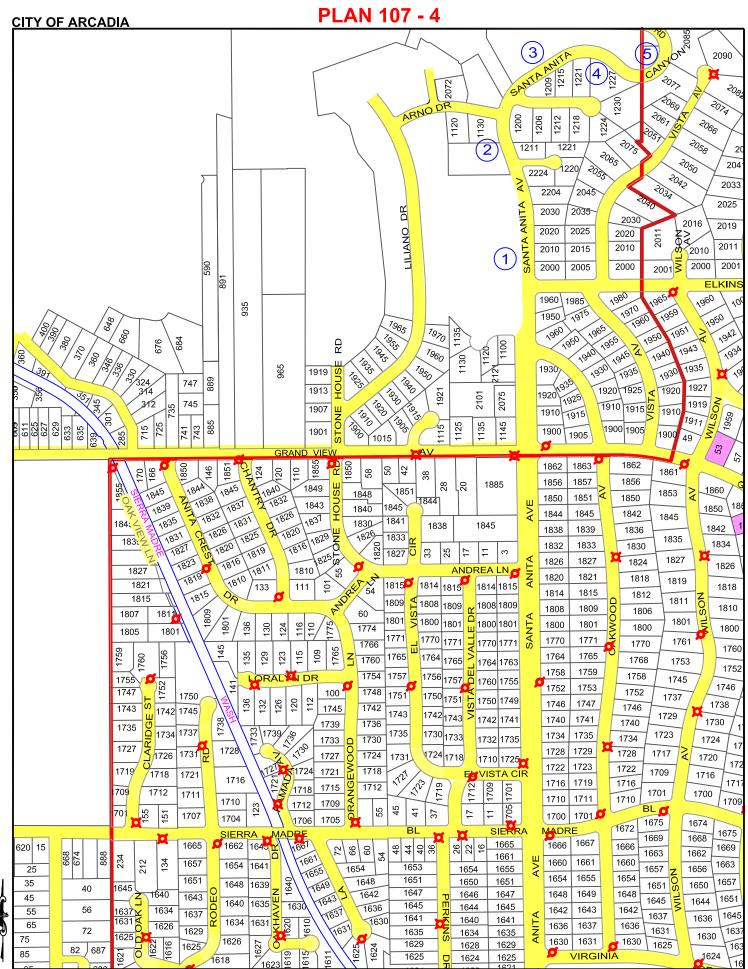
Base location will be designated as needed.

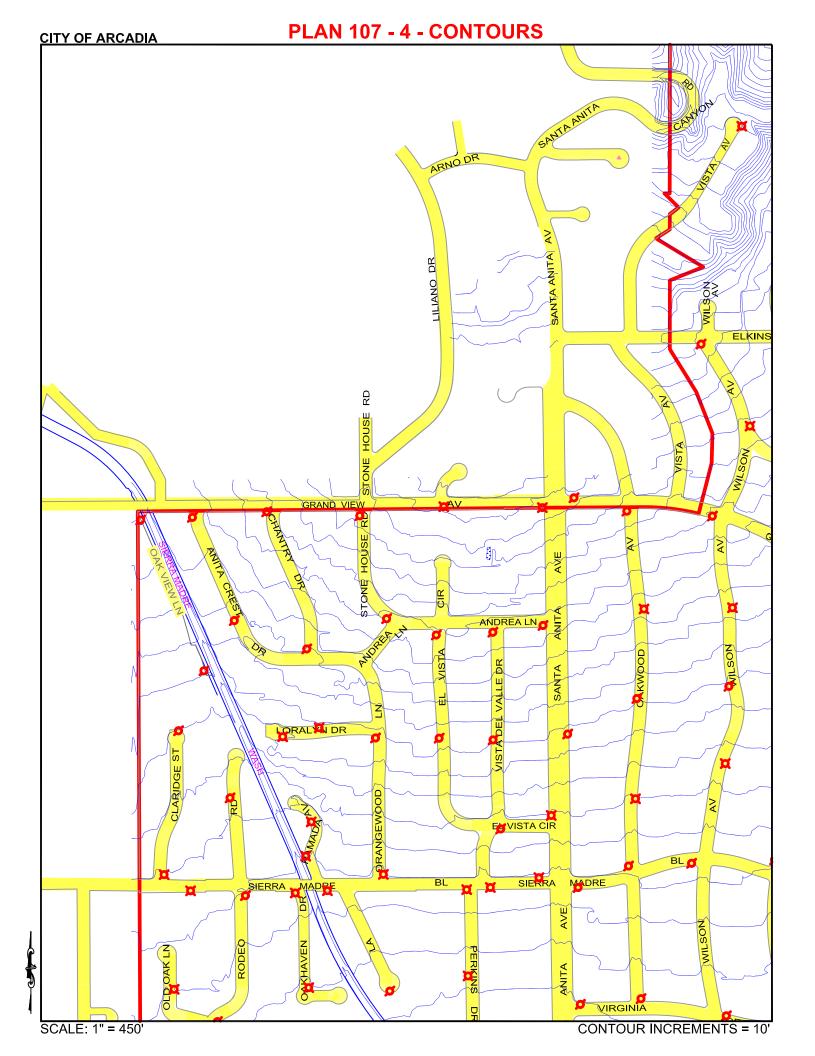
#### **RESOURCES**

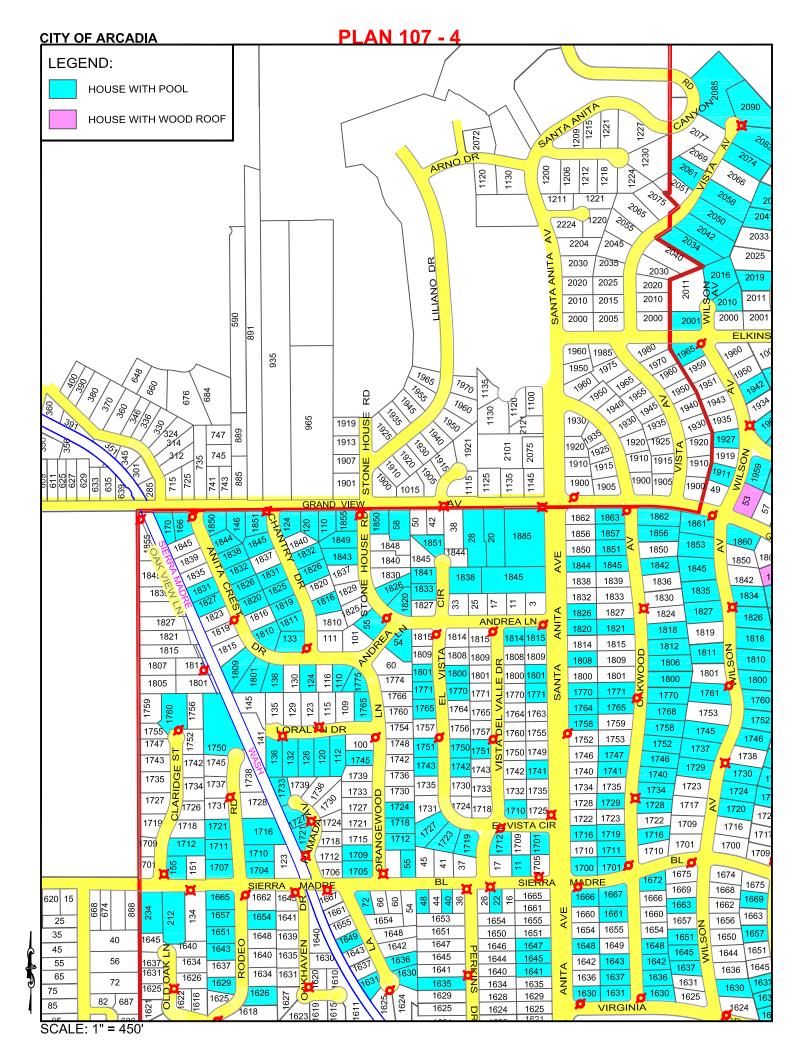
1 Strike Team and 1 Strike Team in reserve

#### **PERTINENT INFORMATION**

Access to the area is limited to main north and south streets, Santa Anita Ave. Sierra Madre Blvd. and Grand View are the main east/west streets. The brush in this area is low with winds erratic during Santa Ana conditions. Daily winds are down canyon in the mornings and up canyon in the afternoon. This are has been unburned for the past 45 years.







# **Supplemental Information**

#### **ENGINE SAFETY ZONES**

Engine Safety Zones (ESZ's) Street Intersections will serve as the Engine Safety Zones.

#### WATER SUPPLY

\*Plan 107-3, water supply (1A) at 388 Torrey Pines has a water tank with a capacity of 320,000 gallons of water and is refilled by two 300 g.p.m. pumps located at the pump house at 301 Whispering Pines Dr. (1B).

Refer to Department Policy 312-1, Filling Torrey Pines Reservoir. (Attachment A)

\*Plan 107-3, water supply (1B) at 301 Whispering Pines Dr, in front of the pump station are two fire hydrants approximately 20 feet apart. The south hydrant is hooked into a water pressure zone and is fed from reservoirs south of the hydrants.

The north hydrant is part of a water pressure zone extending from the north hydrant to the water tanks located at the top of Torrey Pines Dr.

# **HELISPOTS**

No. 1 Norembega	L.A. Co. 44B	Thomas Guide Page 567 H-1
No. 2 Old Ranch Road	L.A. Co. 66A	Thomas Guide Page 566 G-1
No. 3 Encanto	L.A. Co. 44C	Thomas Guide Page 568 E-4
No. 4 Chantry Flats		Thomas Guide Page 536 E-5
No. 5 Santa Anita Flood C	ontrol Spreading Basin	Thomas Guide Page 537 E-1

# **EVACUATION ASSEMBLY POINT AND EVACUATION ROUTES**

Evacuation Assembly Point: Arcadia City Community Center

All evacuation of the public will be south on Canyon or Highland Oaks to Elkins, west on Elkins to Santa Anita south to Foothill Blvd.

#### PUBLIC SAFETY REFUGE AREAS

Highland Oaks School can be used to shelter in place all public safety refuge areas in the event that the fire threatens to over run the area and evacuation cannot be accomplished prior to the arrival of the fire.

#### TRAFFIC CONTROL POINTS

Traffic control points should be set up at Foothill Blvd. and all northbound streets, along Santa Anita Ave. and all streets to the east. Fire Department access should be Highland Oaks and Santa Anita Ave.

#### MEDICAL HOSPITAL

Arcadia Methodist Hospital Thomas Guide: Pg. 567- B-6, B-7 300 West Huntington Drive, Arcadia 1.626.574.3456

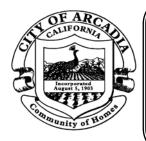
#### TRAUMA CENTER

Huntington Memorial Hospital Thomas Guide: Pg. 565- H-5 100 West California, Pasadena 1.626.397.5000 Helipad

#### **BURN VICTIM**

Arcadia Methodist Hospital Thomas Guide: Pg. 567- B-6, B-7 300 West Huntington Drive, Arcadia 1.626.574.3456

Note: All burn victims shall be transported to the closest Emergency Department for stabilization, and then transported to a receiving burn center per Los Angles County Department of Health Services protocol.



#### ARCADIA FIRE DEPARTMENT DEPARTMENTAL POLICY

#### FILLING TORREY PINES RESERVOIRS

Number: 312.1 Revision Date: 12/06/2012 File Name: TP Reservoirs

Review Date: 03/25/2017

Approved:

Michael E. Lang, Fire Chief

#### **PURPOSE**

To provide additional water in the event of a brush or structure fire north of the Whispering Pines Booster Station.

In the event fire fighting demands are greater than the out put of the Whispering Pines Booster Station, the use of a fire pumper will augment the refilling of the Torrey Pines Reservoirs.

#### RESPONSIBILITY

It is the responsibility of company officers to insure that all members of their crew understand and follow this Policy when the need to refill the Torrey Pines Reservoirs arises.

It is the responsibility of the company officer assigned to refill the Torrey Pines Reservoirs to notify the Arcadia Public Works Water Division of the refilling operation and the potential for water contamination.

#### **SCOPE**

This Policy will take affect during an urban interface fire near, or involving, the Whispering Pines area or the City of Arcadia Water Division is unable to regain power to the Whispering Pines Booster Station. The City of Arcadia Water Division may utilize a portable generator to repower the booster pump.

This Policy will take affect when anticipated water demands from fire suppression efforts exceed the filling capacity of the Torrey Pines Booster Station.

Two (2) fire hydrants are located on the east side of the intersection at Whispering Pines Drive and Pine Summit, between 300 and 310 Whispering Pines Drive. The Whispering Pines Booster Station is utilized to pump water from the Santa Anita Reservoir into the Torrey Pines Reservoirs.

The southern hydrant is connected to the Santa Anita Reservoir, which has a capacity of 7,500,000 gallons.

The northern hydrant is connected to the Torrey Pines Reservoirs, which have a combined capacity of 320,000 gallons.

The two Whispering Pines Booster pumps are rated at 300 gallons per minute each, for a total of 600 gallons per minute.

Number: 312.1
Revision Date: 12/06/2012
File Name: TP Reservoirs

#### **PROCEDURE**

This Policy will take affect during an urban interface fire, near or, involving the Whispering Pines area or the City of Arcadia Water Division is unable to regain power to the Whispering Pines Booster Station.

#### Fire Department:

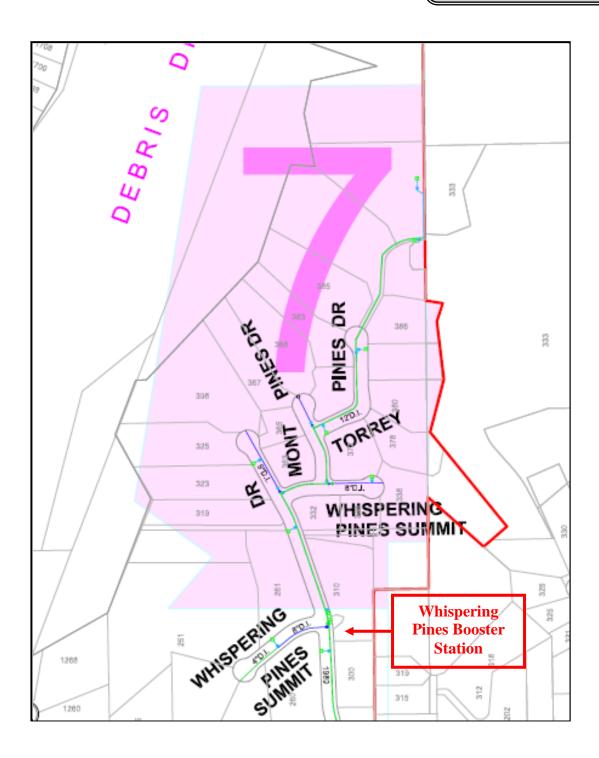
- 1. Immediately upon arriving to the scene, determine if the fire is north of, or involving residents within the Whispering Pines area. If this is the case, prepare to use a fire pumper to assist with providing additional water to meet fire fighting demands.
- 2. Connect the southern hydrant to the engines keystone valve intake utilizing 4" hose or the front suction and to the auxiliary intake utilizing 2.5" hose.
- 3. Open the southern hydrant slowly, filling the supply hoses.
- 4. Flush water through fire pump, foam manifold and all discharges to remove any contaminates.
- 5. Connect to the northern hydrant with 4" and 2.5" hose from the appropriate non foam discharges of the engine.
- 6. Open the northern hydrant slowly, filling the discharge hoses.
- 7. Ensure that a separate hydrant is discharging water north of the Whispering Pines Booster Station before activating the pump on the fire pumper to prevent a surge in the system. Inform any engine companies utilizing hydrants off of the Torrey Pines Reservoirs of a potential rise in incoming pressure prior to increasing pump discharge pressure.
- 8. Utilize a pump discharge pressure of 100 psi to refill the Torrey Pines Reservoirs; this is the maximum pump discharge pressure. Higher discharge pressures may cause damage to the plumbing of the residential structures in the area.
- 9. Discontinue refilling the Torrey Pines Reservoirs when they are full.
- 10. Notify Arcadia Public Works Water Division of our operations so they can take appropriate measures to assure the quality of the water in the Torrey Pines Reservoirs.

Note: Do not confuse the two (2) hydrants located in front of 386 Torrey Pines for this procedure. These two hydrants are both fed off the Torrey Pines Reservoirs and are available for increased water demands. This procedure will not work at this specific location.

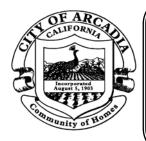
#### Arcadia Water Department:

- 1. Whenever a fire breaks out the Incident Commander shall notify the water production stand by person via Arcadia Police Dispatch.
- 2. Utility Division protocol will be to bring the portable generator to the Whispering Pines Booster station in case of a power failure.
- 3. During any revisions of this Policy, the City of Arcadia Public Works Director will be included in the revision process.

Number: 312.1 Revision Date: 12/06/2012 File Name: TP Reservoirs



The shaded area is the water system that is fed off the Torrey Pines Reservoirs.



#### ARCADIA FIRE DEPARTMENT DEPARTMENTAL POLICY

#### CHANTRY HYDRANT OPERATIONS

Number: 312.2 Revision Date: 12/06/2012 File Name: Chantry Hydrant

Review Date: 03/25/2017

Approved:

Michael E. Lang, Fire Chief

#### **PURPOSE**

This shall serve as an operational guide for all Arcadia Fire Department members during fire operations or any other need requiring the use of the Chantry Hydrant.

#### RESPONSIBILITY

It shall be the responsibility of all Department personnel to follow these guidelines when assigned to Chantry Hydrant Operations.

Personnel safety shall be the first priority. All personnel shall follow Arcadia Fire Department Standard Operating Guideline #101, *Personal Protective Equipment*, and Guideline #607, *High Visibility Vests* when appropriate. During Wildland operations, company officers shall consider LCES and follow Arcadia Fire Department Standard Operating Guideline #126, *Grass / Brush Fire Operations*.

Utilizing the Chantry Hydrant may require blocking northbound lane traffic on Santa Anita Canyon Road at the blind curve. Although Arcadia PD or Sierra Madre PD may be assigned to control gate access, consideration must be given to additional responding apparatus as well as private vehicles evacuating from Chantry Flats.

During extended use of the Chantry Hydrant, it shall be the responsibility of the company officer assigned to the hydrant or the Incident Commander to notify the Arcadia Public Works Water Division of the operation.

It shall be the responsibility of Arcadia Public Works Water Division to exercise the Chantry Hydrant pump on a weekly basis.

#### **SCOPE**

This Guideline will take affect when water demands require the use of the Chantry Hydrant.

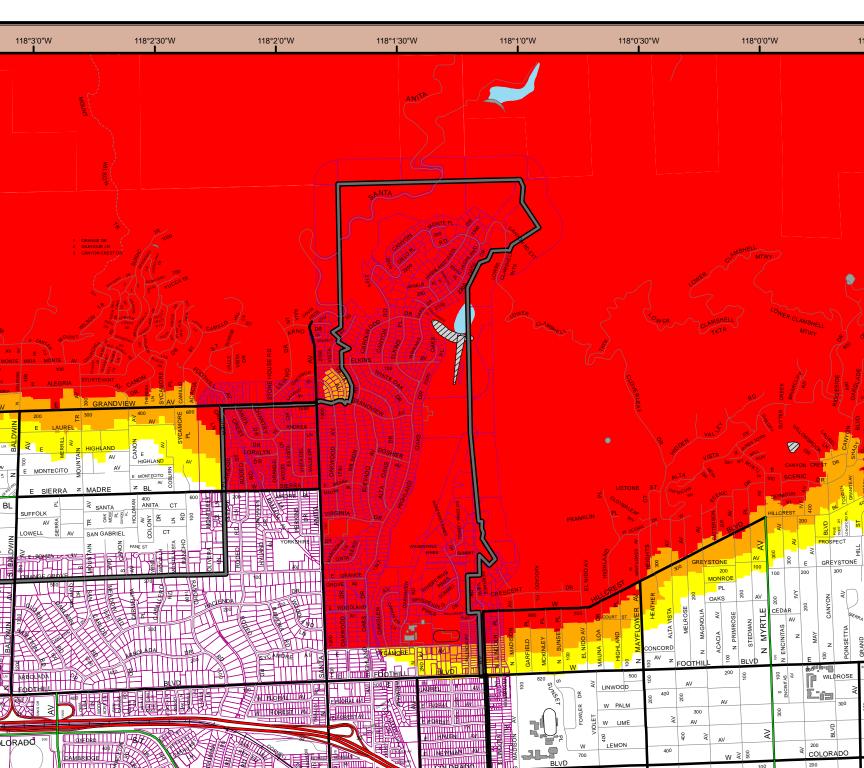
One blue fire hydrant is located at turn 15, approximately 1.1 miles north of the Arno gate on Santa Anita Canyon Road inside the City of Arcadia boundaries. Although this is a wet barrel hydrant with one 4-inch discharge and two 2 ½-inch discharges, this is a dry system. Water is supplied through a demand pump located approximately 500 feet downhill through heavy brush, at the upper reservoir, which is located behind 2217 Canyon Road.

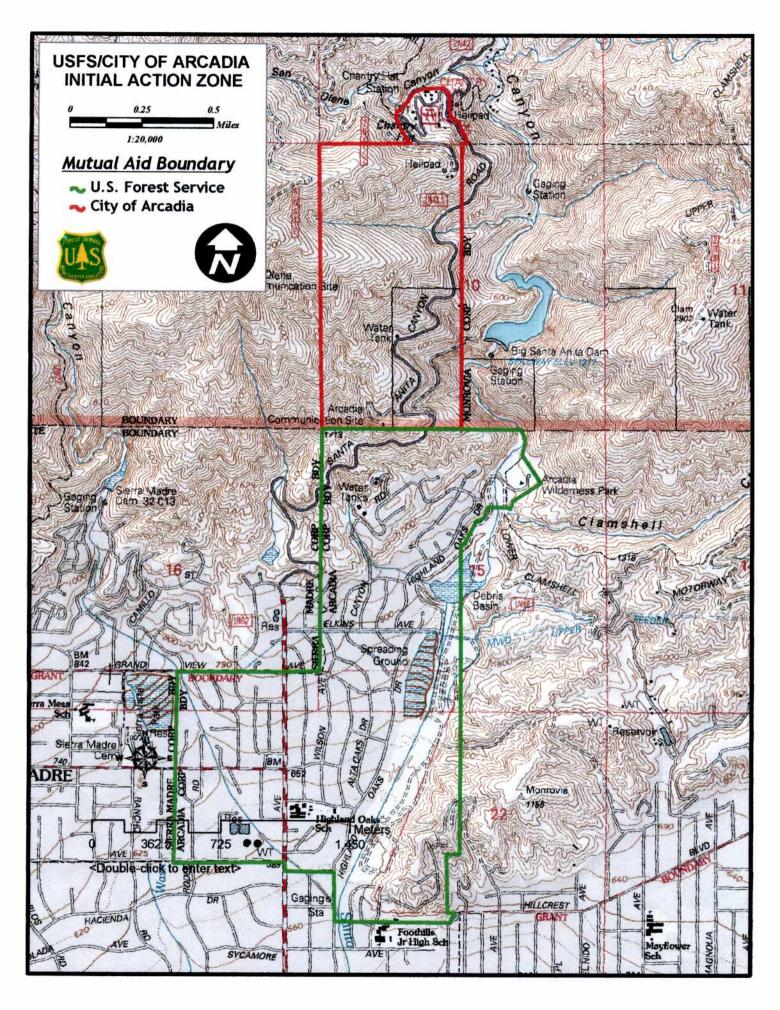
Number: 312.2 Revision Date: 12/06/2012 File Name: Chantry Hydrant

The upper reservoir holds 680,000 gallons of water and is supplied by the lower reservoir, which holds 1,000,000 gallons of water and is located next to 2135 Canyon Road. In the event of a power outage, a generator located at the lower reservoir provides emergency power to both reservoirs and the Chantry pump.

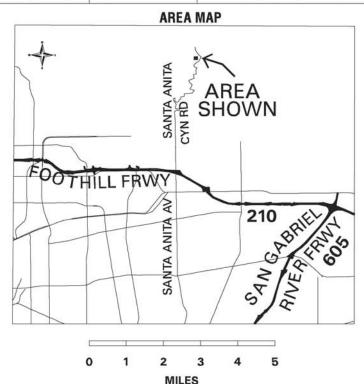
#### **PROCEDURE**

- Position apparatus in the northbound lane of Santa Anita Canyon Road. Escape routes and safety zones shall be identified prior to positioning assigned apparatus; i.e. heading northbound to Chantry Flats or heading southbound toward Arno gate.
- Consider using cones and personnel to watch for and direct traffic.
- Connect selected hose to preferred connections on hydrant, open hydrant and push power button located inside box next to hydrant.
- Situational awareness: This hydrant is located on a mid slope road in steep terrain on an outturn with heavy fuels on both sides of the road. Provide for safety first!
- A lookout should be assigned and trigger points for evacuation shall be in place, communicate evacuation route and plan with all crew members. Communicate safe zones, escape routes and deployment sites.
- Consider a protection line off of assigned apparatus that is connected to hydrant.
- Arcadia Public Works Water Division has rated this hydrant to deliver 945 GPM at 32 psi.
- There is no need to shut down pump when not flowing water. There is a self-actuating valve that circulates water into the tank to maintain pump cooling. Consider shutting off pump during extended periods of not pumping to prevent unnecessary wear and tear.
- Flowing the hydrant open-butt will discharge the water directly on the road and can easily create a water hazard to both fire apparatus and citizens. Consider connecting a handline directly to the hydrant and flow water directly into the brush to prevent water run off on the road which creates a hazard.





TG 537 E5 GRID 4124 A LAT/LONG 34 11.571 / 118 01.363



# **LOCATION**

ANGELES NATIONAL FOREST / USFS Chantry Flat Ranger Station (Seasonal)
UPPER HELISPOT

2235 N Santa Anita Av Arcadia

#### Access:

210 Frwy

Exit Santa Anita Av – North

Turns into Santa Anita Canyon Rd

Entry gate base of canyon -

Gate LOCKED at 2000 hrs to 0600 hrs

LOCKED GATE - "L" key

Continue for 3.2 miles

Enter parking lot, past Ranger Station office building

Turn right to **LOCKED GATE** – "L" key **OR** "USFS" key

Uphill to helispot -

LOCKED GATE – "USFS" key NO LAC LOCKS

# **SPECIAL INSTRUCTIONS**

Dispatch notify ANF Angeles Dispatch

<u>Helispot is in Angeles National Forest's</u> <u>jurisdiction</u> –

USFS / ANF helispot designation – "Chantry / 24-A"

# **HAZARDS**

Microwave phone tower – West

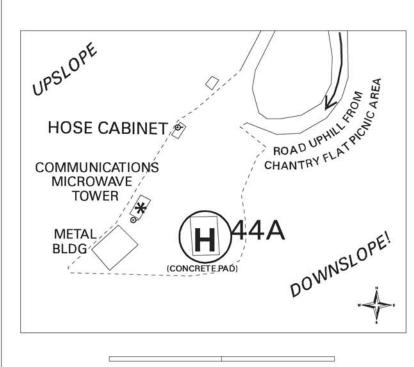
# **LANDING AREA**

Concrete w/rock – **UPPER HELISPOT** Single ship

**FIREHAWK Approved** 

# **WATER SUPPLY**

Wharf hydrant – next to helipad 175 gpm – 30 psi Gravity fed by water tank –10,000 gallons



100

FEET

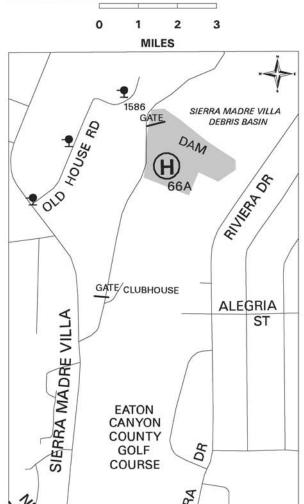
REVISION DATE: May 18, 2010

0

200

TG 566 G1 GRID 0064 A LAT/LONG 34 10.827 / 118 04.666





SIERRA MADRE BLVD

1000

FEET

REVISION DATE: May 01, 2010

2000

#### LOCATION

Sierra Madre Villa Debris Basin North of Eaton Canyon County Golf Course 1150 Sierra Madre Villa Pasadena

# **LA County Department of Public Works**

#### Access:

Golf course entrance to end of parking lot -

LOCKED GATE - "L" key

Follow road along driving range to helispot -

LOCKED GATE - "L" key

# **SPECIAL INSTRUCTIONS**

Dispatch notify LA County Dept of Public Works – Eaton Yard

**NOTE:** Helispot is also designated as a

USFS / ANF helispot

USFS / ANF helispot designation -

"Eaton Golf Course / 24-C"

# **HAZARDS**

Driving range fence – South

# LANDING AREA

Paved, dirt & natural vegetation – top of debris basin Multiple ships

**FIREHAWK Approved** 

# **WATER SUPPLY**

Wharf hydrant – across from 1586 Old House Rd

# **HOSE-LAY SPECIFICS**

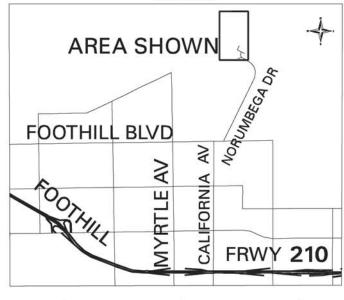
Lay 300' of 2½" West through backyard of 1586 Old House Rd to hydrant

- BEWARE OF DOG
- bolt cutters required to access backyard gate
- Homeowner's lock

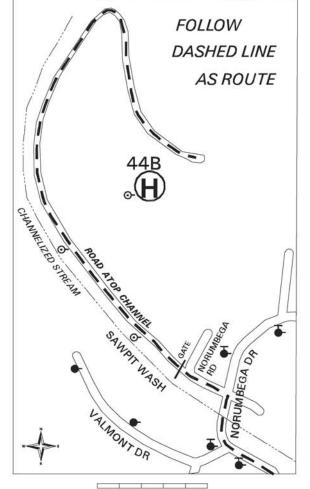
**GRID 0069 A** 

LAT/LONG 34 09.892 / 117 59.621

#### **AREA MAP**



0 1 MILES



0 100200300400500 FEET

REVISION DATE: May 18, 2010

#### **LOCATION**

1 1/2 miles South of Sawpit Dam Monrovia

#### Access:

North on Norumbega Dr
Past Valmont Dr – road crosses over wash
West on Norumbega Rd (driveway)
Take flood control road to landing area through
LOCKED chain-link fence GATE to debris
basin – top of terraced area

LOCKED GATE - "L" key

# **SPECIAL INSTRUCTIONS**

Dispatch notify Verdugo Dispatch –
Verdugo Dispatch will notify both Monrovia Fire and Monrovia Police Departments

NOTE: Helispot is also designated as a USFS / ANF helispot

USFS / ANF helispot designation – "Sawpit / 24-D"

# **HAZARDS**

# **LANDING AREA**

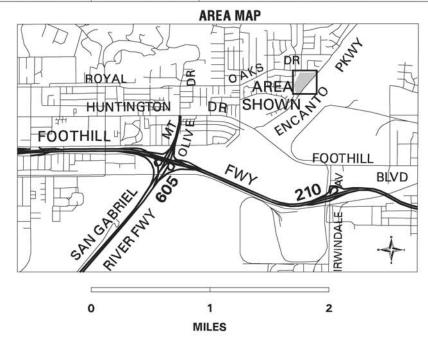
Dirt Multiple ships

FIREHAWK Not Approved

Dusty spot, requires constant wetting down and subject to drift smoke

# **WATER SUPPLY**

Wharf hydrant – S/E corner of pad Gravity fed by water tank – 60,000 gallons TG 568 E4 GRID 0129 B LAT/LONG 34 08.638 / 117 56.281



# **LOCATION**

Encanto Park N/E corner of park in ball field 751 Encanto Pkwy Duarte

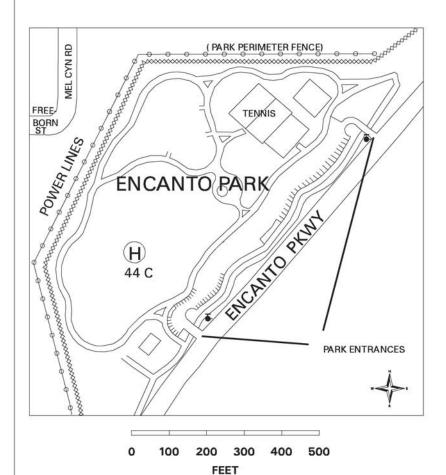
Duarte Parks & Recreation Department

#### **SPECIAL INSTRUCTIONS**

Dispatch notify LA County Sheriff's Dept – Temple City station – traffic control

#### AND

City of Duarte – Director of Public Safety – traffic control



REVISION DATE: May 18, 2010

# **HAZARDS**

Electrical lines – West border of park

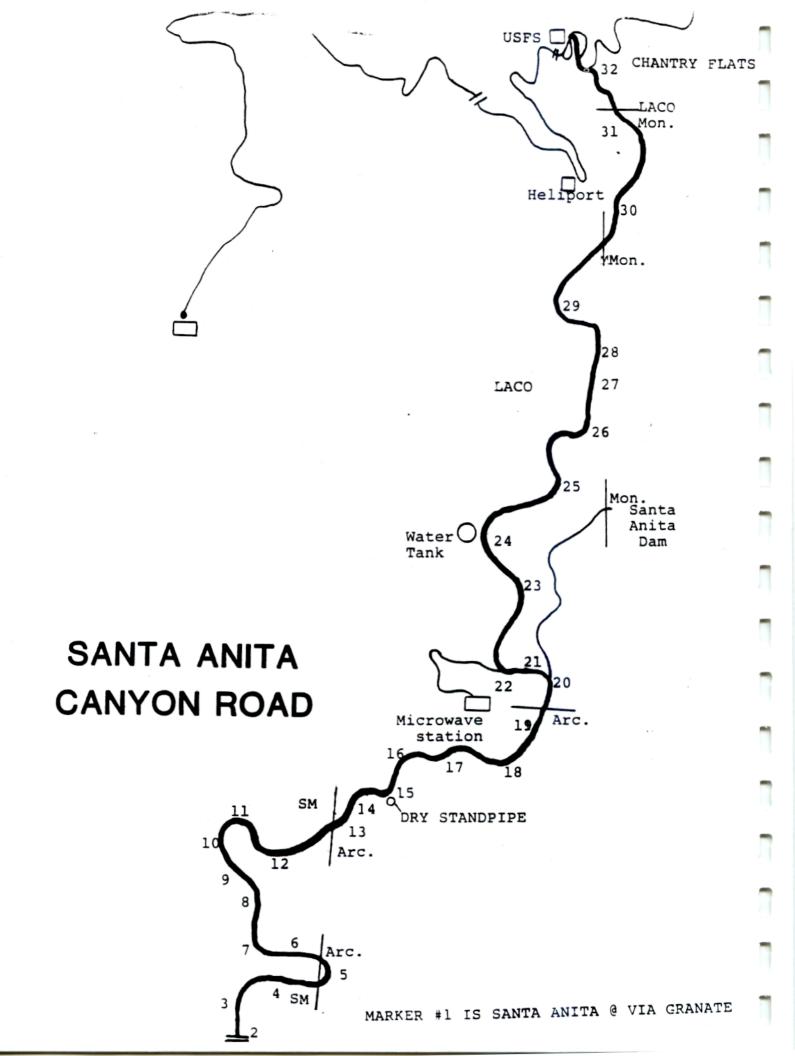
# **LANDING AREA**

Grass
Multiple ships
FIREHAWK Approved

# **WATER SUPPLY**

Hydrant at street accessible from parking lot

Gravity fed steamer hydrant with system boosted by pumps



# 2017 LA - LONG BEACH UASI TICP VHF "TICP" FREQUENCIES BY ZONE

ZONE	CH	DISPLAY	DESCRIPTION - USE	Rx Freq	Rx PL
2	1	ANF	ANGELES NF "FOREST NET"	172.3750	103.5
<b> </b>	2	LAC V-3	LAC VHF COMMAND 3	152.5400	151.4
Σ	3	LAC V-4	LAC VHF COMMAND 4	152.5700	151.4
-!	4	LAC V-5	LAC VHF COMMAND 5	152.7800	151.4
	5	LARTCS-3V	LA REGIONAL TACTICAL COMM SYSTEM - MT. LEE	159.1800	100.0
OTT	6	NIFC T-1	NIFC TAC 1	168.0500	CSQ
	7	NIFC T-2	NIFC TAC 2	168.2000	CSQ
Ŏ	8	VFIRE22	NAT'L VHF FIRE INTEROP TAC 22	154.2650	156.7
ш	9	0 VFIRE24 NAT'L VHF FIRE INTEROP TAC 24 1 VFIRE25 NAT'L VHF FIRE INTEROP TAC 25 2 VFIRE26 NAT'L VHF FIRE INTEROP TAC 26 3 A/G 59 USFS REGION 5 AIR-TO-GROUND 59 4 LAC A/G LAC AIR TO GROUND		154.2950	156.7
	10			154.2725	156.7
12	11			154.2875	156.7
۵	12			154.3025	156.7
$\overline{\mathbf{c}}$	13			169.1125	CSQ
	14			154.4000	151.4
ഥ	15			156.3300	156.7
ΙΨ	工 16 <b>AIR GUARD</b> AIR GUARD -		AIR GUARD - EMERGENCY TRAFFIC ONLY	168.6250	CSQ
<u> </u>	17	ANF NEW	NEW ANGELES NF "FOREST NET" (December 2017)	172.3750	103.5