

Contractor Information



**Foster City Fire Department
1040 Hillsdale Blvd.
Foster City, CA 94404
(650) 286-3350**

FIRE CODE DEPARTMENT POLICY MANUAL

(SECTION 15.24.010 OF THE FOSTER CITY MUNICIPAL CODE)

The Foster City Fire Department uses the current Uniform Fire Code with some Municipal Code amendments, National Fire Codes and nationally recognized standards.

Hydrants

1. All fire hydrants shall be in place, tested and accepted prior to construction.
2. Fire hydrants shall be installed not more than 300 feet apart – in some instances distances may be less and must meet Foster City Fire Department requirements.
3. All new fire hydrants or replacement of existing hydrants shall have two 2 ½” and one 4 ½” hose connections. Specifications: Rich-slim line, low silhouette, No. 92-3 way see attachment.
4. All hydrants to be 1 color only. City Specifications: Sherwin Williams Kem Lustral Industrial Enamel “FD Lime” F65 SF767
5. Reflective blue markers on the street pavement must identify all hydrants. For placement specification, see attachment.
6. Private or on-site hydrants require a letter from owner giving the Fire Department permission to flow, lubricate and flush the hydrant(s) at any time.

Water Systems

1. Minimum main size is 8” in any area. Fire flow determined for buildings/areas per the Uniform Fire Code (UFC) or The Guide for Determining Required Fire Flow by Insurance Services Office Municipal Survey Service.
2. A complete water system must be installed prior to construction. In cases of phased development, partial systems may be acceptable if the system can meet the fire flow requirements of the UFC or the Insurance Services Office standards.

Access for Firefighting Equipment

1. All roadways shall be a minimum of 32’ in width and maintain a 14’ vertical clearance.
2. Roadways must be paved and capable of carrying 68,000 pounds GVW. (“Turf Block” is acceptable for specific situations as approved by the Fire Chief)

3. Minimum inside turning radius on all paved roadways is 34'.
4. All cul-de-sacs 150' or longer must provide a full 96' turnaround for fire department apparatus.
5. If, in the opinion of the Fire Chief, accessibility is being hampered in any respect, fire lanes will be designated. All fire lanes must be red curbed/striped and designated "NO PARKING FIRE LANE" per the California Vehicle Code and the Foster City Municipal Code.

Fire Roads

1. When, in the opinion of the Fire Chief, further emergency vehicular accessibility is required, fire roads may be acceptable.
2. Specifications: Capable of handling 68,000 pounds GVW (surface materials to be approved by the Fire Chief), minimum 20' width, minimum 14' unobstructed vertical clearance, 34' turning radii, and full 96' turnaround if longer than 150' in length.
3. Fire roads must be secured for emergency vehicles only, must be kept unobstructed at all times, and must be signed accordingly.

Building Numbering System

All sides of all buildings other than single family residential must have address numbers visible from all access roadways. Coloration of numbers to contrast with building colors for visibility. The minimum size of the numbers shall be 6" high with a 1" stroke.

Exterior Dry Standpipes

If, in the opinion of the Fire Chief, due to building configuration or density, water supplies may be insufficient for fire fighting purposes, exterior dry standpipes may be required. Standpipe specifications: underground piping to be 4" PVC; vertical riser to be metallic; Siamese connection to be clappered; Wye assembly to be gated and system inlet side to be no further than 50' from a fire hydrant.

Lock Boxes

When access to or within a structure or an area is unduly difficult because of secured openings or where immediate access is necessary for life saving or firefighting purposes, the Fire Chief may require a (Supra) key box to be installed in an accessible location. The key box shall be a type approved by the Fire Chief and shall contain keys to gain necessary access.

Exits

1. Doors that enter exit stairwells shall have a sign in 1 ½ letters reading “DO NOT OBSTRUCT – FIRE DOOR,” on the hallway side of the door.
2. Doors that enter exit stairwells that self-lock shall have a sign in 1” letters reading, “THIS DOOR SELF LOCKS,” on the hallway side of the door.
3. Stairwell numbering system – in accordance with Appendix 1 – C of the Uniform Fire Code (Buildings 4 or more stories in height).

Elevators

A permanent sign shall be installed in each elevator cab adjacent to the floor status indicator and at each elevator call station on each floor reading, “IN FIRE EMERGENCY, DO NOT USE ELEVATOR-USE EXIT STAIRS,” or similar verbiage approved by the Fire Chief.

Systems and Equipment Requirements for Buildings Four or More Stories in Height

Communications

1. A sound-powered (or equivalent) telephone communication system must be installed.
2. One plug-in jack must be provided at each stairwell landing. Two plug-in jacks shall be provided in the lobby area in view of the elevators, subject to Fire Department approval.
3. Phone sets: A minimum of five sets shall be provided for the building, additional sets shall be provided as required by the chief dependant on the height of the building. Phones are to be located in the fire control room subject to Fire Department approval.
4. One phone shall be provided with 300 feet of cord. The cord must be kept on a roller that can be extended by holding onto a handle and walking to the desired location.
5. Manufacturers specification sheets shall be provided for all life safety equipment.

Public Address System

A building public address (voice evacuation) system shall be provided for Fire Department use only. Controls are required to be located on ground floor near the lobby or at another location as approved by the Fire Department.

Emergency Procedures Board

On every floor at the entry to each stair and in each elevator lobby, an emergency procedures board shall be required containing the following:

1. A diagram of the floor you are on showing “YOU ARE HERE” and a means of egress to all stairwell/exit locations on that floor.
2. A fire emergency plan that tells what to do in case of a fire emergency.
3. The locations of fire extinguishers
4. A description of the sound of the fire/evacuation alarm

Rapid Entry KeyBoxes

All SupraSafes come with black polyester textured powder paint, wall anchors and bolts.
Optional through-wall mounting kits are recommended for non-recessed units for higher security.

		QTY.	PRICE	TOTAL
	SupraSafe 2HS Heavy Duty - 1/4" steel walls & door. 5"H x 4"W x 3-1/4"D	SupraSafe 2HS	\$159.00	
		SupraSafe 2HS/TS With tamper switch (connects to building alarm)	\$179.00	
		Through-wall mounting kit	\$12.00	
		SupraSafe 2HSR	\$199.00	
	SupraSafe 2HSR Heavy Duty - 1/4" steel walls & door. 5"H x 4"W x 3-1/4"D with 7"x 7" flange	SupraSafe 2HS/TS With tamper switch (connects to building alarm)	\$219.00	
		Recessed mounting kit (simplifies mounting in masonry or concrete)	\$60.00	
		SupraSafe 1 (1 to 2 keys only) 1/8" steel walls & door. Tamper switch not available on this model. 3"H x 4"W x 2"D	SupraSafe 1	\$120.00
		Through-wall mounting kit	\$12.00	
		Supra Max (for residential use only)	With door mount hanger	\$68.00
		Wall mount	\$58.00	
		Through-wall mounting kit	\$12.00	
		Accessories	Additional fire alert decals (one provided with every KeyBox)	\$1.00

Registered fire department information:

Dept. Name (required): _____
 City/State/Zip: _____
 Dept. System Code: _____
 Fire Dept. Authorized Signature: _____
(Order is not valid and will be returned without signature)

Subtotal	
Shipping & handling per KeyBox: \$9.00	
Add state & local sales tax for ship-to address	
Grand total	

Prices are subject to change and are valid as of May 1, 2002.

Ordered by:

Company: _____
 Physical Street Address: _____
 City/State/Zip: _____
 Attention: _____
 Phone: _____

Ship to:

Company: _____
 Physical Street Address: _____
 City/State/Zip: _____
 Attention: _____
 Phone: _____

Installation site:

Company: _____
 Physical Street Address: _____
 City/State/Zip: _____

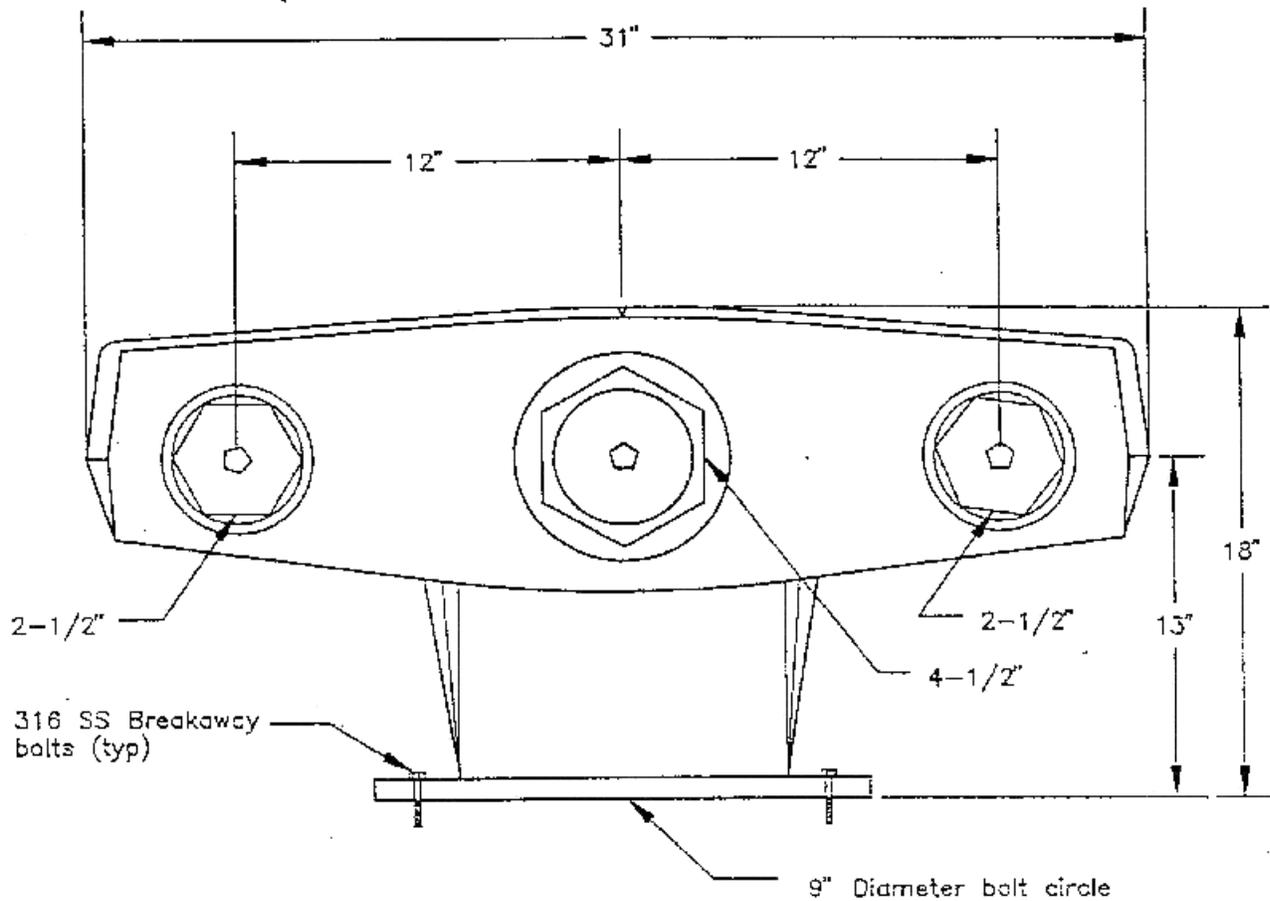
Fire Department Rapid Entry Systems Ordering Instructions

1. This form must accompany order and have the appropriate authorized signature from the fire department.
2. All KeyBoxes are shipped without keys. Contact the fire department for information concerning keys and lockup. Mounting instructions for KeyBoxes included with your order. Allow approximately (2-3) weeks for delivery.
3. Please contact your fire department for specific mounting placement on your building.
4. Payment:
 - VISA or MasterCard # _____
 - Expires _____ Signature _____
 - C.O.D. (Additional C.O.D. charge added)
 - Purchase Order # (if required) _____
 - or Make check payable to Supra: Check # _____
 - Amount _____

Mail to: Supra Rapid Entry
 4001 Fairview Industrial Dr. SE
 Salem, OR 97302 or fax 503-375-9852



GE Interlogix



CLOW 92 LOW PROFILE

NOTES:

1. Fire hydrant shall be Model 92, "FOSTER CITY" type, manufactured by CLOW Co.
2. Entire assembly shall be factory fusion bonded epoxy coated inside and out.
3. All hydrants shall be one color: Kelly-Moore 1700-333 Deep Tint Base Fire Hydrant Green.



ESTERO MUNICIPAL IMPROVEMENT DISTRICT
CITY OF FOSTER CITY, CALIFORNIA

WATER SYSTEM
FIRE HYDRANT

SCALE: NTS

DATE: 4/1/93

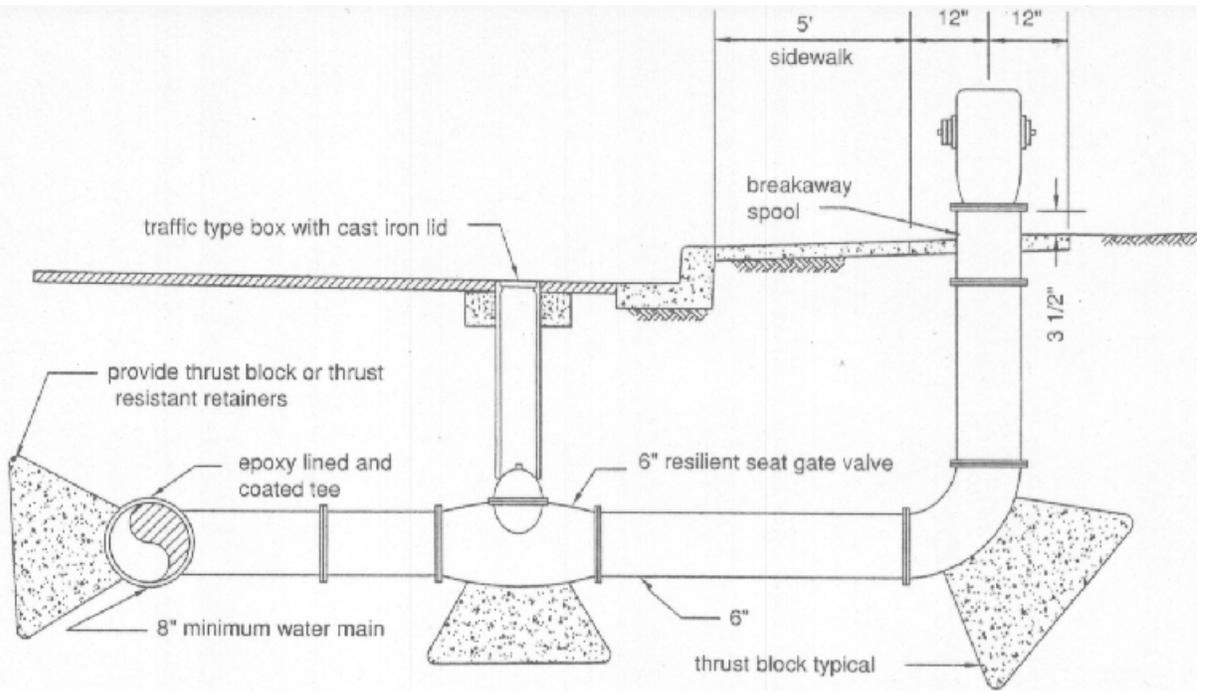
APPROVED: *David H. Valkenau*
CITY/DISTRICT ENGINEER

DWN:

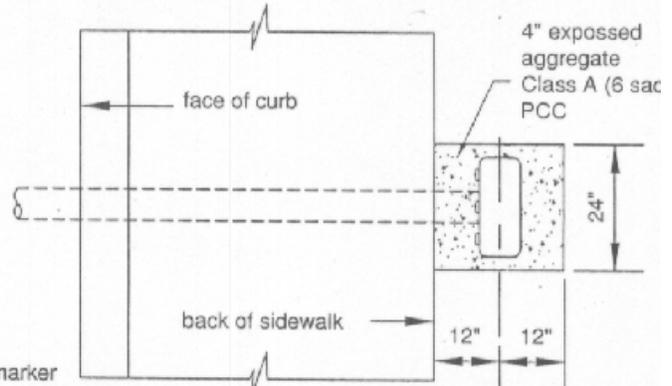
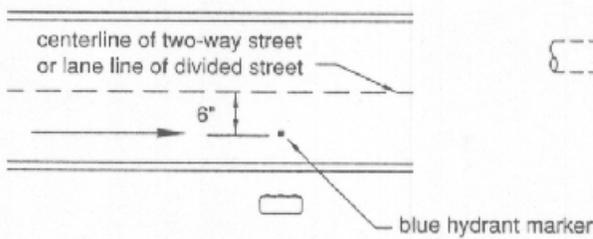
CHK:

NO. CLOW 92

SHT. ___ OF ___



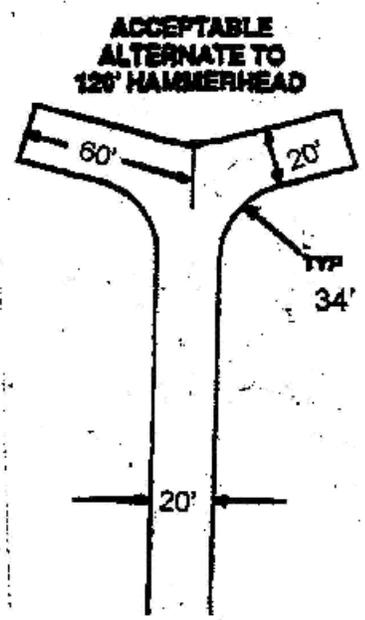
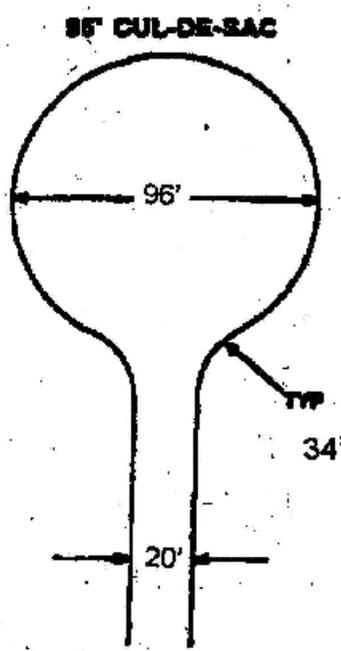
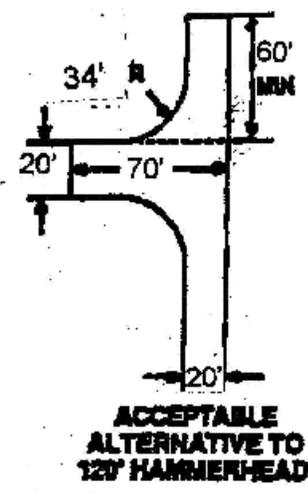
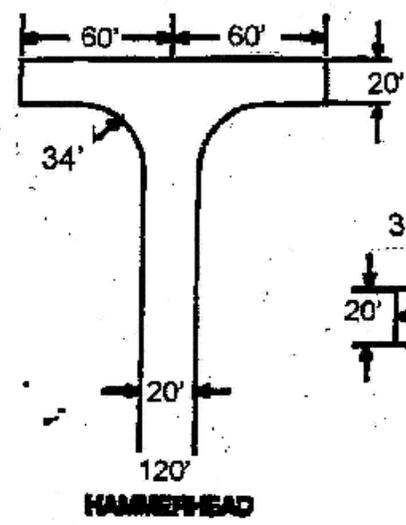
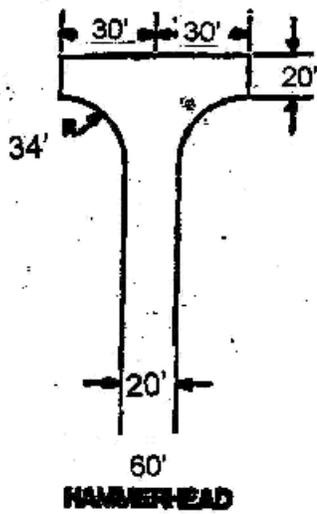
MARKER LOCATION



PLAN

NOTES:

1. Blue markers shall be placed in the center of the travel lane adjacent to the fire hydrant.
2. Blue markers shall be Stimsonite #88 (reflective both ends) or approved equal, and shall be attached to pavement per California Standard Specification, section 95-2.04.
3. Hydrant and bury, including 5/8" X 3 1/4" type 316 stainless steel bolts, nuts, washers, and gaskets to be furnished by contractor.
4. Valve and bury to be epoxy lined and coated as specification in section 15060.
5. Bury shall have slotted holes in order to permit aligning face of hydrant with face of curb.
6. For anode installation, see Cathodic Protection Detail.



RECOMMENDED TURNAROUNDS

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