STANDARD PLANS

FIRE
NOTES

1. SIGNS SHALL BE RED ON WHITE REFLECTIVE COMMERCIAL GRADE 0.08 GAUGE.

2. SIGNS SHALL BE VISIBLE AND READABLE ALONG ACCESS ROADWAY.

3. SIGNS ARE TO FACE ONCOMING TRAFFIC.

4. SIGNS ARE TO BE MAINTAINED BY THE PROPERTY OWNER.

5. A MINIMUM OF ONE SIGN SHALL BE POSTED AT THE BEGINNING AND END OF THE FIRE LANE AREA.

6. FOR CONTINUOUS FIRE LANES AREAS, SIGNS SHALL BE POSTED AT INTERVALS OF 100' MINIMUM AND 175' MAXIMUM.

7. SIGNS ARE TO BE POSTED SO THE BOTTOM OF THE SIGN IS 90" ABOVE GROUND LEVEL.

8. SIGN POSTS SHALL BE LOCATED 2' FROM EDGE OF TRAVELED WAY TO CENTER OF POST.

9. FINAL PLACEMENT OF ALL SIGNS SHALL BE SUBJECT TO THE APPROVAL OF THE FIRE CODE OFFICIAL.
NOTES

1. ALL CURBS ALONG FIRE LANES ARE REQUIRED TO BE PAINTED RED AND STENCILLED "FIRE LANE NO PARKING".

2. THERE SHALL BE A MAXIMUM DISTANCE OF 20' BETWEEN "FIRE LANE NO PARKING" LETTERING.

3. IF NO CURBS ARE PRESENT, CONTINUOUS RED STRIPING OF 6" WIDTH SHALL BE USED; LETTERING IS THE SAME AS CURBS.

4. LETTERING ON CURBS IS TO BE A MINIMUM OF 3" IN HEIGHT AND WHITE IN COLOR.
METHOD OF MEASURING CUL-DE-SAC-LENGTH

LENGTH OF ROADWAY

CENTERLINE ON ROADWAY

CENTERLINE OF INTERSECTING ROADWAY

CENTERLINE OF CUL-DE-SAC TURNAROUND

POINT 'A'

POINT 'B'

CITY OF NAPA
FIRE DEPARTMENT

DRAWN BY: RC
APPROVAL DATE: 08/2021
SCALE: NONE
REVISED DATE: NONE

CHECKED BY: BV
APPROVED BY: GDF
DRAWING NO: FP-4
ROUTE OF TRAVEL AROUND BUILDINGS

CITY OF NAPA

FIRE DEPARTMENT

DRAWN BY: RC
CHECKED BY: BV
APPROVAL DATE: 08/2021
APPROVED BY: GDF
SCALE: NONE
DRAWING NO. FP-5
REVISED DATE: NONE

150' HOSE LINE
LANDSCAPE AREA

DRIVEWAY

FIRE ENGINE

STREET
ON-SITE FIRE ACCESS ROAD

BUILDING
(MORE THAN 62,000 SQUARE FEET OR 2 STORIES REQUIRES TWO POINTS OF ACCESS)

150' HOSE LINE

DRIVEWAY

SECOND (2ND) POINT OF ACCESS (EVA)

PARKING LOT

150' HOSE LINE

PRIMARITY (1ST) POINT OF ACCESS

**IF THIS CANNOT REACH ALL AREAS OF BUILDING AND FIRE ACCESS ROADS ARE REQUIRED ONSITE, AT LEAST TWO POINTS OF FIRE ACCESS ARE REQUIRED

CITY OF NAPA

FIRE ENGINE

MULTIPLE POINTS OF ACCESS

DRAWN BY: RC
CHECKED BY: BV
APPROVAL DATE: 08/2021
APPROVED BY: GDF
SCALE: NONE
REVISED DATE: FP-6

FIRE DEPARTMENT
SIDES OF BUILDING ACCESS

City of Napa Fire Department

Building (Rooftop View)

If larger than 50,000 sq ft, 3 sides of access req’d.

Fire Access Roads

If longer than 100 feet, 2 sides of access req’d.

Shorter Side

Longer Side

Side too narrow to be used for BLDG access

Plan View

Distance from building to access road shall be 10’ minimum - 30’ maximum.

Access roadway width

Centerline of roadway parallel to building

Side View

Approval Date: 08/2021

Approved By: GDF

Dr. Sketch By: RC

Drawing No.: FP-7

Scale: None

Revised Date: None
ACCESS TO SPRINKLER RISERS

COMMON AREA OF THE BUILDING (I.E. EQUIPMENT ROOM)

SPRINKLER RISER

36" CLEARANCE AROUND RISERS FOR PROPER ACCESS

MIN. 36" DOOR WITH SIGNAGE

FIRE SPRINKLER RISER ACCESS IN MULTI-FAMILY OR COMMERCIAL BUILDINGS

CITY OF NAPA  FIRE DEPARTMENT

DRAWN BY:  RC  CHECKED BY:  BV
APPROVAL DATE:  08/2021  APPROVED BY:  GDF
SCALE:  NONE  DRAWING NO.:  FP-8
REVISED DATE:  NONE
"WARNING: THE WATER SYSTEM FOR THIS HOME SUPPLIES A SPRINKLER SYSTEM THAT DEPENDS ON CERTAIN FLOWS AND PRESSURES TO FIGHT A FIRE. DEVICES THAT RESTRICT THE FLOW OR PRESSURE SUCH AS PRESSURE REDUCERS AND WATER SOFTENERS SHALL NOT BE ADDED TO THE SYSTEM WITHOUT A REVIEW OF THE SYSTEM BY A FIRE PROTECTION SPECIALIST. LEAVE VALVE IN THE FULLY OPEN POSITIONS AT ALL TIMES."
SINGLE 4" X 2 1/2" X 2 1/2" FDC DETAIL

FDC HEAD BETWEEN 18" - 48" ABOVE FINISHED GRADE

4" RISER

WAFFER CHECK

DRILL & TAP 1/2 X 20 GRADE 6 BOLT

TOP VIEW

FDC SIGN

FRONT VIEW
CITY OF NAPA

FIRE DEPARTMENT

FIRE ALARM CONTROL PANEL DETAILS

DRAWN BY: RC
CHECKED BY: BV
APPROVAL DATE: 08/2021
APPROVED BY: GDF
SCALE: NONE
DRAWING NO. FP-12
REVISED DATE:
NOTES:
1. HAVE KEY(S) MADE THAT WILL PROVIDE ACCESS TO THE INTERIOR OF THE BUILDING, ANY INTERIOR SECURED AREAS AND ANY SPECIFIC KEYS REQUESTED BY THE FIRE DEPARTMENT.

2. THE KEY BOX SHALL BE INSTALLED NO LOWER THAN 5' FROM THE BOTTOM OF THE KEY BOX AND NO HIGHER THAN 6' FROM THE TOP OF THE KEY BOX ABOVE FINISHED GRADE. KEY BOX SHALL BE NO GREATER THAN 10' ADJACENT TO THE MAIN BUILDING ENTRANCE THAT FRONTS THE PUBLIC STREET ACCESS UNLESS DESIGNATED AT A DIFFERENT LOCATION BY THE FIRE DEPARTMENT.

3. THE BOX MUST BE INSTALLED IN PLAIN VIEW, AS YOU APPROACH THE BUILDING, IN A LOCATION NOT LIKELY TO BE HIDDEN WITH LANDSCAPE GROWTH OR OTHER OBSTRUCTIONS.

4. FOLLOW THE MANUFACTURER’S INSTALLATION INSTRUCTIONS.

5. ALL KEYS MUST BE LABELED USING A SUBSTANTIAL KEY IDENTIFICATION TAG THAT WILL WITHSTAND EXPOSURE TO MOISTURE.

6. TEST ALL KEYS IN LOCK MECHANISMS BEFORE CONTACTING THE FIRE PREVENTION DIVISION.

7. SCHEDULE AN INSPECTION ON THE FIRE PREVENTION DIVISION WEB PAGE TO HAVE THE KEY BOX LOCKED.
NOTES:
1. CLEARANCE SHALL BE PROVIDED AROUND ALL PIPING EXTENDING THROUGH WALLS, FLOORS, PLATFORMS, AND FOUNDATIONS, INCLUDING DRAINS, FIRE DEPARTMENT CONNECTIONS, AND OTHER AUXILIARY PIPING.

2. CLEARANCE SHALL BE SIZED SUCH THAT THE DIAMETER OF THE HOLES IS NOMINALLY 2" LARGER THAN THE PIPE FOR PIPE 1" (25MM) NOMINAL TO 3 1/2" (90MM) NOMINAL AND 4" (100MM) LARGER THAN THE PIPE FOR PIPE 4" (100MM) NOMINAL AND LARGER.

3. CLEARANCE PROVIDED BY A PIPE SLEEVE, A NOMINAL DIAMETER 2" (50MM) LARGER THAN THE NOMINAL DIAMETER OF THE PIPE SHALL BE ACCEPTABLE FOR PIPE SIZES 1" (25MM) THROUGH 3 1/2" (90MM), AND THE CLEARANCE PROVIDED BY A PIPE SLEEVE OF NOMINAL DIAMETER 4" (100MM) LARGER THAN THE NOMINAL DIAMETER OF THE PIPE SHALL BE ACCEPTABLE FOR PIPE SIZES 4" (100MM) AND LARGER.

4. THE PIPE SLEEVE CLEARANCE SHALL BE FILLED WITH FLEXIBLE MATERIAL THAT IS COMPATIBLE WITH THE PIPING MATERIAL, (ROCK WOOL AND LISTED ELASTOMETRIC OR FLEXIBLE SEALANT. *NO AGGREGATE, SAND, OR ANY OTHER COMPACTED MATERIAL ALLOWED.
NOTES:
1. ALL UTILITY ROOMS AND RELATED FIRE APPURtenances SHALL BE LABELED AND BE PROPERLY IDENTIFIED AS TO THE PURPOSE THEY SERVE.
2. SIGNAGE AT HVAC, SPRINKLER, ELECTRICAL, AND FIRE ALARM CONTROL PANEL LOCATION.
3. ALL REQUIRED SIGNS SHALL BE WEATHER RESISTANT AND PERMANENTLY AFFIXED.
4. IN UTILITY ROOMS OR OTHER AREAS WHERE COMBUSTIBLE STORAGE IS NOT ALLOWED, A PERMANENTLY AFFIXED SIGN SHALL BE INSTALLED THAT READS, "NO STORAGE PERMITTED BY ORDER OF FIRE MARSHAL".