Civil Plan Sign Package

The sign package must provide adequate details should include, but are not limited to the following:

- **Address Directory Signs:**
- **Address Directory Signs for Single-Family Dwellings Facing Green Belts instead of Public Right-of-Way:**
- **Addressing Requirements:**
- **Fire Access Doors:**
- Fire lane signs, include post.
- **Fire Sprinkled Structures:**
- Handicap accessible parking signs, include post.
- Handicap accessible curb ramp detail.
- Plan view of detectable warning and well.
  - Side cross section views of detectable warning, well, curb and gutter.
  - Front section views of detectable warning, well, curb and gutter.
  - Dome and detectable warning details. Note: The top diameter of the truncated domes shall be 50% to 65% of the base diameter.
- Handicap accessible parking layout. Provide a symbol and label for the location of the handicap accessible sign with the layout. Ensure the sign is back far enough not to be within the curb “roll-over” area.
- **Motor Fuel Dispensing Site Signage:**
- Stripping details for crosswalks.
- Grasspave, Grass-Crete, Ritter Rings, Invisible Driving Surfaces, and etc.

**Alternative Fire Lane Surface Signs:** Where alternative fire lane surfaces are utilized, the civil plan sign package plan must include a detail of the alternative fire lane surface signs. Examples for the labeling of signs include, but are not limited to:

- NO PARKING – FIRE LANE - “GRASSPAVE” SURFACE - Ends in 150’ WITHOUT TURNAROUND.
- NO PARKING – FIRE LANE “GRASCRETE” SURFACE – Ends in 151’ - WITH TURNAROUND.
- NO PARKING – FIRE LANE – “RITTER RING” SURFACE - CONNECTS TO “STREET NAME HERE”.
  - In addition to the standard MUTCD previously stated fire lane sign notes please provide these additional notes below the detail:
    - Signs must be shown on the right side of the entry point of any fire lane utilizing an alternative fire lane surface. This will assist responding fire crews in determining were the entry points of these types of surfaces are located.

**Combined Fire Lane and Pedestrian Sidewalks:** A detail of these signs must be provided within the civil plan detail sheet. Examples for the labeling of these signs include, but are not limited to:

- NO PARKING – FIRE LANE AND PEDESTRIAN SIDEWALK – Ends in 150’ - NO TURNAROUND.
- NO PARKING – FIRE LANE AND PEDESTRIAN SIDEWALK – Ends in 150’ - WITH TURNAROUND.
- NO PARKING – FIRE LANE AND PEDESTRIAN SIDEWALK – CONNECTS TO “STREET NAME HERE”.
  - In addition to the standard MUTCD previously stated fire lane sign notes please include the following note below the detail: 1. Signs must be shown on the right side of the entry point of any fire lane. This will assist responding fire crews in determining were the entry points of these types of surfaces are located.
Dead-End Fire Lane Detail: Dead-end fire lanes will be posted in the following manner: Signs shall be permanently labeled using the following examples and complying with IFC Figure D103.6.

- NO PARKING – FIRE LANE - DEAD-ENDS in 150’ - NO TURNDOWN.
- NO PARKING – FIRE LANE – DEAD-ENDS in 151’ - WITH TURNDOWN.
- NO PARKING – FIRE LANE - END OF FIRE LANE.
  - In addition to the standard MUTCD previously stated fire lane sign notes please include the following note below the detail:
    - Signs shall be located at the right side of the fire lane entrance and at the end of the fire lane.
    - The intermediate signs shall have double headed arrows pointing in both directions.

Fire Lane Sign Detail: The detail must show the fire lane sign either on posts or permanently attached to adjacent exterior wall of a structure. Where both display methods are utilized within the site, then a separate detail will be required for each posting method. (Note: Pre-approval of the location for wall mounted fire lane signage is required.)

- In addition to the standard MUTCD notes please provide these additional notes below the detail:
  - Signs shall be permanently labeled as NO PARKING—FIRE LANE complying with IFC Figure D103.6.

Gated Entry for Fire Department Access utilizing a 4’ Manway Gate:

- The following notes must be shown within the detail or provided below the detail:
  - Signs shall be permanently labeled in a similar manner identified with IFC Figure D103.6 and be
  - Signs shall have a minimum dimension of 12 inches (305 mm) wide by 18 inches (457 mm) high and have red letters on a white reflective background with a thickness of 0.80.
  - Signs shall be located at all entry points and on both sides of said entrance(s) in order to be seen by responding fire crews from either side of the 4’ Manway Gate.
  - The clearance to the bottom of the sign shall be between 5’ and 7 feet from grade.
  - There shall not be other signs attached to the sign or the sign post.

Handicap Accessible Parking Signs: Provide a detail of the accessible parking sign and indicate location of sign(s) on site plan using a symbol and label. The site plan shall provide a “Handicap Parking Detail” to reflect signage for both the “Van Accessible Space” and “Tow Away Zone” signs required below the standard 12” X 18” Accessible sign.

- In addition to the standard MUTCD notes please provide these additional notes below the detail:
  - The detail must show a clearance from grade to the bottom of the lowest sign of no less than seven (7) feet on posts or permanently attached to adjacent exterior wall of a structure.
  - Where both display methods are utilized within the site, then a separate detail will be required for each posting method.
  - For posted signs the detail must also show how each sign will be grounded and secured in place.

Keep Drive Aisle Passable at All Times Signs: (Self Service Storage Facilities)

- Signs shall be labeled as; KEEP DRIVE AILSE PASSABLE AT ALL TIMES.
  - The detail must show a clearance from grade to the bottom of the sign of no less than seven (7) feet on posts or permanently attached to adjacent exterior wall of a structure. Where both display methods are utilized within the site, then a separate detail will be required for each posting method. For posted signs the detail must also show how each sign will be grounded and secured in place.

- The following notes must be shown in the detail or provided below the detail:
  - The sign face shall be 12” X 18” and fabricated from .080 aluminum sheet with 1 ½ radius corners.
  - Font Style used is Arial Black capital fonts using 2” lettering.
The sign face shall have a white 3M diamond grade reflective sheeting (DG3 4090 series or equivalent) applied as a background to the aluminum plates.

Lettering/Graphics shall be 3M Scotchlite acrylic, transparent, electronic cuttable film (Red 1172 Series) inverse cut to allow white reflective background to show through.

Galvanized steel post. Set 3'-0" minimum, below grade and into minimum 12" diameter concrete pier, full depth.

All sign imaging shall be in compliance with the reflective sheeting manufactures match component system.

At the beginning and end of the emergency access easement, the sign shall have a single headed arrow pointing in the direction the regulation is in effect. The intermediate signs shall have double headed arrows pointing in both directions.

The maximum spacing of the signs shall not exceed 100', contingent upon Life Safety's review and approval.

There shall not be other signs attached to this sign or the sign post.

The clearance to the bottom of the sign shall be 7 feet. There shall be no other signs attached to the sign or the sign post.

**Standard Fire Lane Notes Required Below Details:** The civil plan sign package must reflect the installation of all signage in accordance with the Federal Manual on Uniform Traffic Control Devices (MUTCD), Section 50.00, adopted by the Public Works Department.

- In addition to the standard MUTCD notes please provide the following notes below any fire lane sign detail:
  - Signs shall be located at the right side of the fire lane entrance and at the end of the fire lane. The intermediate signs shall have double headed arrows pointing in both directions.
  - Typically, the maximum spacing of the fire lane signs is established at 100' on center with signs being placed on both sides of the fire lane easement. Where excessive curvature of the fire lane exists, the spacing of the fire lane signage will be increased as needed.
  - The signs shall be set at an angle of not less than 30 degrees and not more than 45 degrees with the curb or line of traffic flow.
  - Fire lane signs should be installed 2' behind curb or sidewalk.
  - The clearance to the bottom of the sign shall be 7 feet. There shall not have other signs attached to the sign or the sign post.
  - Placement of these fire lane signs cannot encroach into the 29' inside turning radius of the fire lane easement, obstruct any fire hydrant or fire department connection or encroach into the accessible route of the sidewalk area.