



Howard County Fire & Rescue Station 12
Howard County, Maryland

**Waterloo Fire & Special
Operations Station**

7725 Washington Blvd.
Jessup, MD. 20794

Station 12 is a 23,750 Square Foot regional Special Operations Fire Station located on Route 1 between I-95, 295, 175 and 100. This location allows for direct access to most regions of Howard, Anne Arundel and Prince George's Counties, Maryland.

Special Operations requires locations for ten PODs that are prepared and ready to respond to unique emergency incidents. The facility consists of six apparatus bays and four interior POD bays, as well as, locations for six exterior PODs.

This facility is designed to LEED Silver standards.

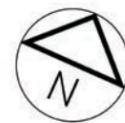
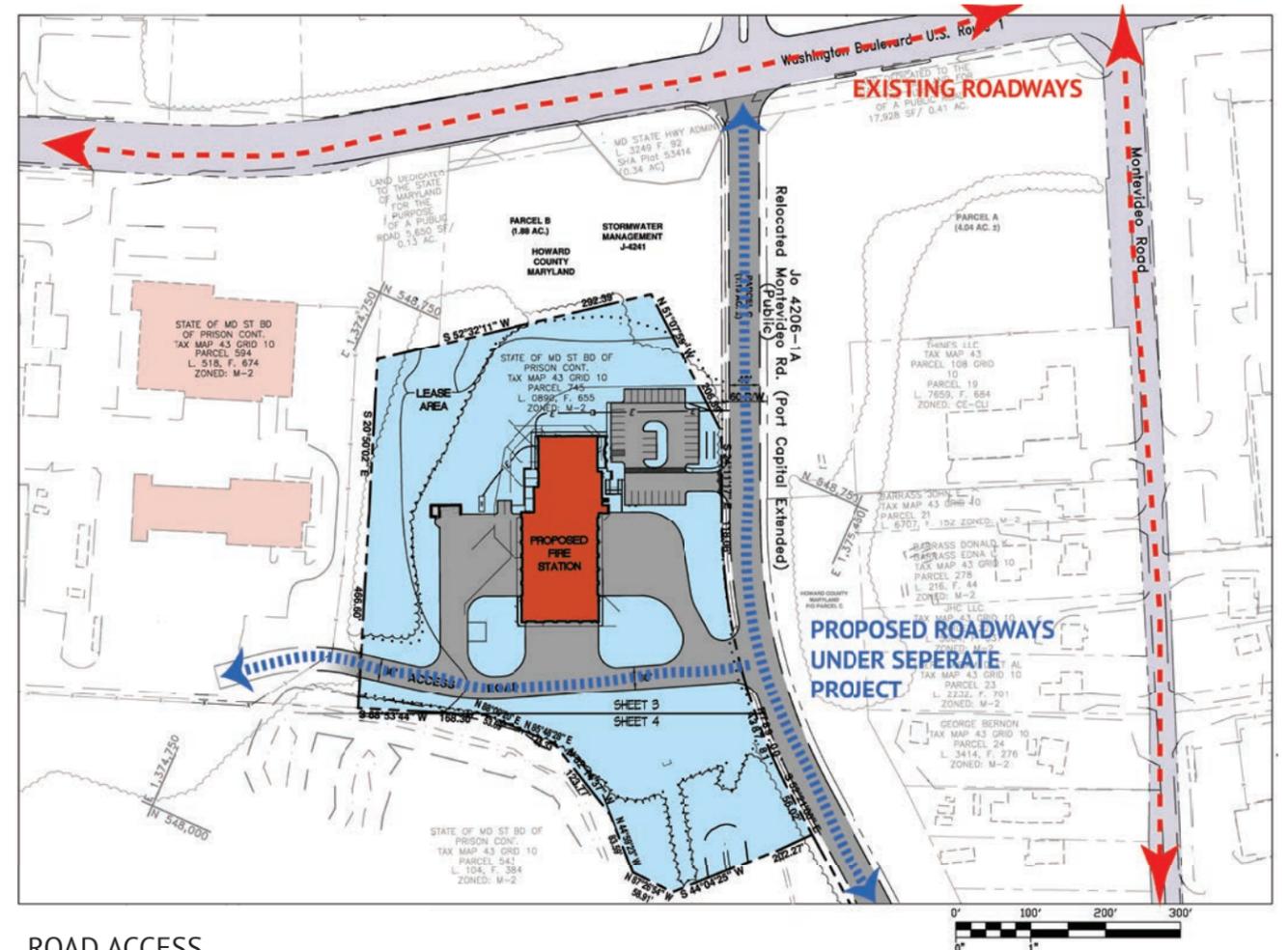
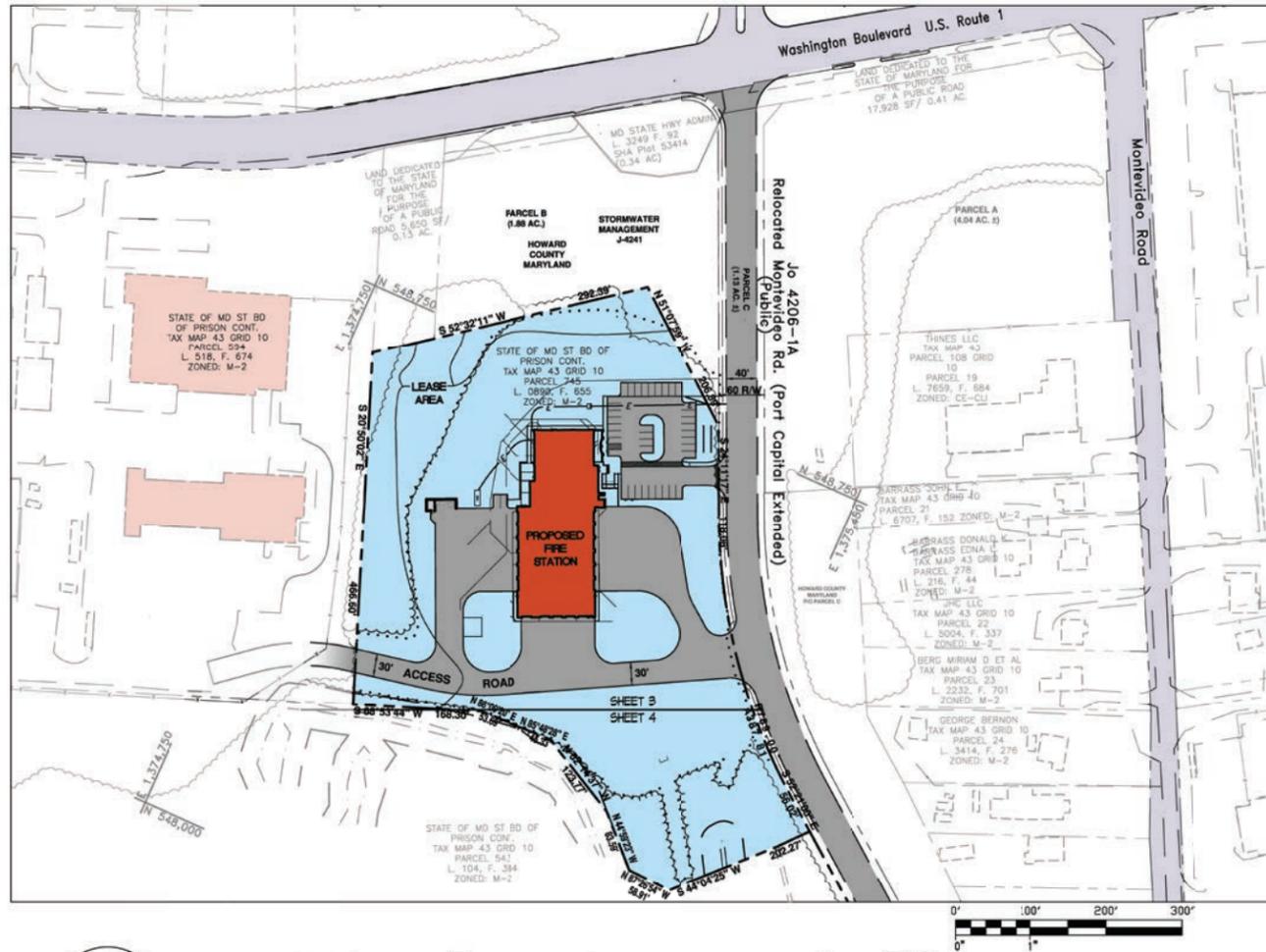
The station has been designed to allow for both interior and exterior training on site. The open mezzanine can be used for ladder training and extractions. The tower is designed for high lift extraction, confined spaces and rappelling. Site locations allows for vehicular extraction under realistic lighting conditions.

The station can support up to 26 full time personnel. Living quarters are designed to be gender neutral with individual toilet/shower rooms, single locker room and three bunkrooms. The bunkrooms are located on the second floor adjacent to the apparatus with access to apparatus floor by two stair wells and two fire poles. There is a glass enclosed fitness room located adjacent to the lockers and toilet/shower rooms. The kitchen, day room and dining room are located adjacent to an outdoor patio.

This building responds to the HOT Zone issue by having air lock corridors between the living areas and apparatus bays. EMS storage is located off this corridor to reduce possible contamination, and a toilet room to also located off one of these corridors so access into the living area is not required and hands can be washed before doing so.

PROJECT GOALS AND INTEGRATION





Site Development Plan
for
Waterloo Fire Station
Howard County, Maryland

This site is laid out to allow for separation of vehicular traffic and on site operations. Private vehicles are parked in a separate parking lot with a remote entrance. Apparatus bays are accessed from a separate drive only used by emergency vehicles. The POD bay doors are located to allow for truck movement without interfering with the main drive aisle. This access road is also used by the adjacent State Police barracks complex.

SITE



FACING SOUTH



FACING EAST

EXTERIOR VIEWS





MASSING AND EXTERIOR VIEWS



EXTERIOR VIEWS



INTERIOR VIEWS



FACING SOUTH



FACING EAST



FACING NORTH

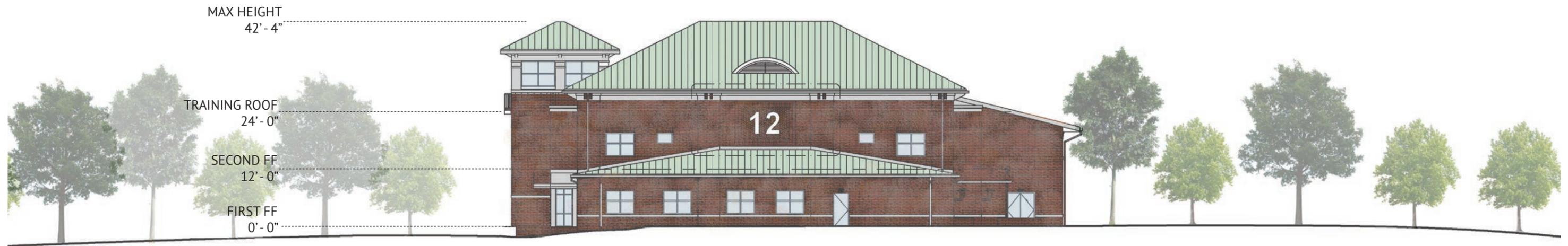


FACING WEST

EXTERIOR ELEVATIONS



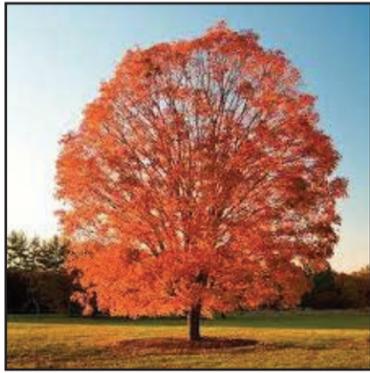
FACING SOUTH



FACING EAST

SITE SECTIONS





SUGAR MAPLE



RED MAPLE



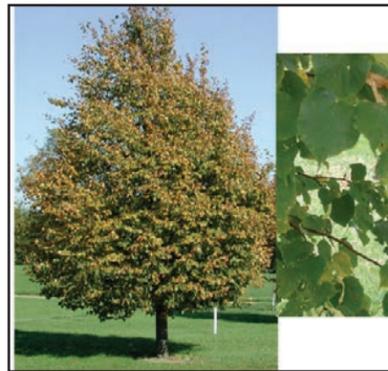
RIVER BIRCH



HONEY LOCUST



YELLOWWOOD



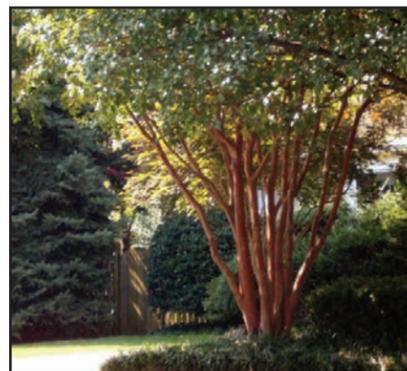
LITTLE LEAF LINDEN



SERVICEBERRY



CORNELIAN DOGWOOD



CREPE MYRTLE



MAGNOLIA



CRABAPPLE



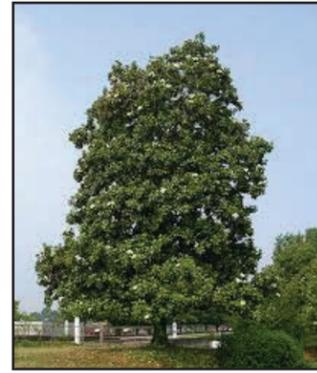
SWEETBAY
MAGNOLIA



HOLLY NELLIE
STEVENS



HOLLY SATYR
HILL



SOUTHERN
MAGNOLIA



NORWAY
SPRUCE



SERBIAN
SPRUCE



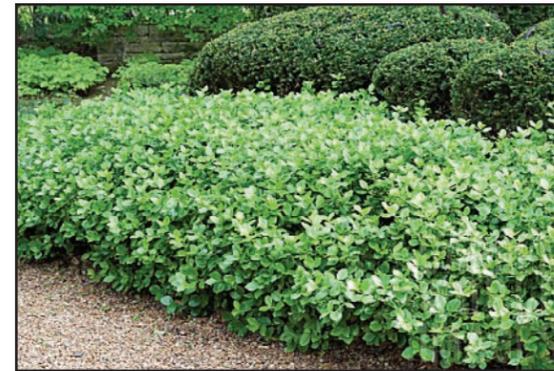
ARBORVITAE



GLOSSY ABELIA



SPICEBUSH



EUONYMUS



OAK LEAF
HYDRANGIA



VIRGINIA
SWEETSPIRE



WINTERBERRY



NORTHERN
BAYBERRY



ARROW
VIBURNUM



FEATHERED GRASS



DOUBLEFILE VIBURNUM



NEPETA



ANEMONE



GIANT HYSSOP



MARSH MILKWEED



TURTLEHEAD



JOE PYE WEED



WITCH HAZEL



COMPACT INKBERRY



BLUE FLAG IRIS



MEADOW BLAZING STAR



PRARIE BLAZING STAR



BLUE LOBELIA