Hole-in-the-Wall Parking Lot
Outdoor Stormwater Classroom Slideshow
East Lyme, Connecticut
Hole-in-the-Wall Beach Support Building

Several different pervious parking surfaces
Netpave 50 w/ grass and stone

Turfguard
Stormwater IN Catch basin
1. Turbidity
2. Salinity
3. Conductivity
4. Total Dissolved Solids (TDS)
5. Water Temp

Stormwater Monitoring System (Econet)
Detention Basin #1

Flow-In sensor IN
Volume, depth of flow, velocity of flow, flow rate

Detention Basin #1 outlet to Basin #2

“V” Notch Weir Outlet Structure with Catch Basin top as high level overflow

CDS unit

Water quality IN sensor in Catch Basin (Previous picture)

Catch Basin Riser
Depth sensor 3.83’ Down from grate
Detention Basin #1

Detention Basin #2

Out to long Island Sound

900 Gal Drywell

Weather Monitoring Station
1. Air Temp
2. Wind speed & dir.
3. Barometric Pressure
4. Rainfall
5. Relative Humidity
900 Gal Drywell with custom trash rack

Flow sensor OUT
Volume, depth of flow, velocity of flow, flow rate

Stormwater OUT In protective pipe enclosure
1. Turbidity
2. Salinity
3. Conductivity
4. Total Dissolved Solids (TDS)
5. Water Temp

Detention Basin #2
Depth sensor below grate
In bottom of drywell

Pyramat High Performance Turf Reinforcement Mat

Landlok Turf Reinforcement Mat
Catch Basin and outlet pipe

Rain Garden
Econet Box tied into the internet

Conduits going to 8 different stormwater sensors measuring over 25 different Weather and stormwater parameters
Internet Connection for Econet provided by Metrocast. The Surveillance System provided by East Lyme Public Trust Foundation.
A view looking south over the detention basins, CDS unit and Weather station through the “Hole in the Wall” to Long Island Sound (improving the quality of stormwater).