



EROSION CONTROL (SEE NOTES)

REFER TO HYDROTECH STANDARD WATERPROOFING / ROOFING DETAILS FOR APPROPRIATE PENETRATION DETAILING CREATE MIN. 4" POST HEIGHT TO ALLOW FOR PROPER TERMINATION

STANCHION POST TO SUPPORT ATTACHMENT BRACKET SIZED AND SPACING BY PROJECT ARCHITECT / ENGINEER

EMBEDDED OR BOLTED INTO DECK AS DESIGNED BY PROJECT ARCHITECT / ENGINEER

CONTINUOUS, PERFORATED ATTACHMENT BRACKET TUBE OR ANGLE AS DESIGNED BY PROJECT ARCHITECT / ENGINEER (SEE NOTES)

HORIZONTAL TUBE RAILING ON STANCHION OFFSETS

TENDON LOOPS AND OVALS

TENDON STOP ASSEMBLY

TENDON CABLES

GARDNET GEOWEB (2 LAYERS, DEPTH AS SPECIFIED)

HYDRODRAIN 300 LITETOP GROWING MEDIA (SEE NOTES)

GARDNET CELL WALL

POLY WASHER

ST. STL. WASHER

TENDON STOP

ST. STL. TENDON CABLE

TENDON STOP DETAIL

DEPTH AS REQUIRED

SYSTEMFILTER

GARDNDRAIN

STYROFOAM INSULATION

HYDROFLEX RBII

MM6125-FR MEMBRANE

- NOTES:
1. STANCHION AND RAIL ASSEMBLY IS CONCEPTUAL ONLY AND MUST BE DESIGNED BY PROJECT ARCHITECT / ENGINEER TO ACCOMMODATE GARDNET LOADINGS.
  2. PRIOR TO SHIPPING GARDNET MATERIALS, PROJECT ARCHITECT / ENGINEER MUST PROVIDE HYDROTECH A SIGNED AND SEALED CONSTRUCTION DETAIL INDICATING GARDNET ATTACHMENT TO BUILDING STRUCTURE.
  3. IF STYROFOAM INSULATION IS NOT INSTALLED, HYDRODRAIN 302 SHALL BE PLACED ON TOP OF THE HYDROFLEX RB II.
  4. NUMBER OF STOPS AND NUMBER AND LENGTH OF REQUIRED TENDONS IS DETERMINED BY MEDIA DEPTH AND DEGREE & LENGTH OF SLOPE.
  5. LITETOP GROWING MEDIA IS REQUIRED FOR ALL GARDNET INSTALLATIONS. NO SUBSTITUTIONS ARE ALLOWED.
  6. UPPER LAYER OF GARDNET CELLS MUST BE OVERFILLED WITH LITETOP MEDIA BY 1/2"-1".
  7. GARDMAT EROSION MAT SHALL BE INSTALLED WHEN PLANTING PLUGS. NO GARDMAT IS REQUIRED WHEN INSTALLING INSTAGREEN CARPET, TILE OR LAWN SOD.

**HYDROTECH**

**GARDEN ROOF ASSEMBLY**

**AMERICAN HYDROTECH, INC.**

**DOUBLE STANCHION AND RAIL GARDNET CONNECTION AT TOP OF SLOPE**

SCALE: NONE  
DATE: 8/17/2020

GN-11E

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