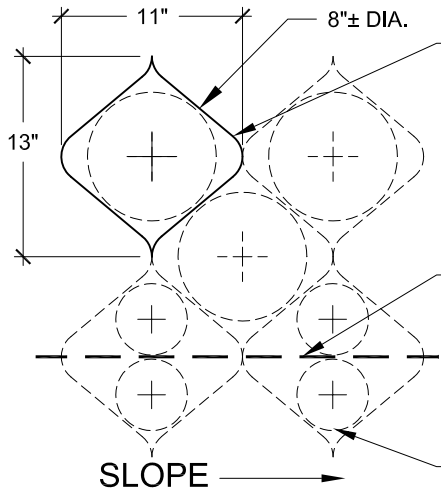




**GARDEN  
ROOF  
ASSEMBLY**

**AMERICAN HYDROTECH, INC.**



**TYPICAL GARDNET CELL**

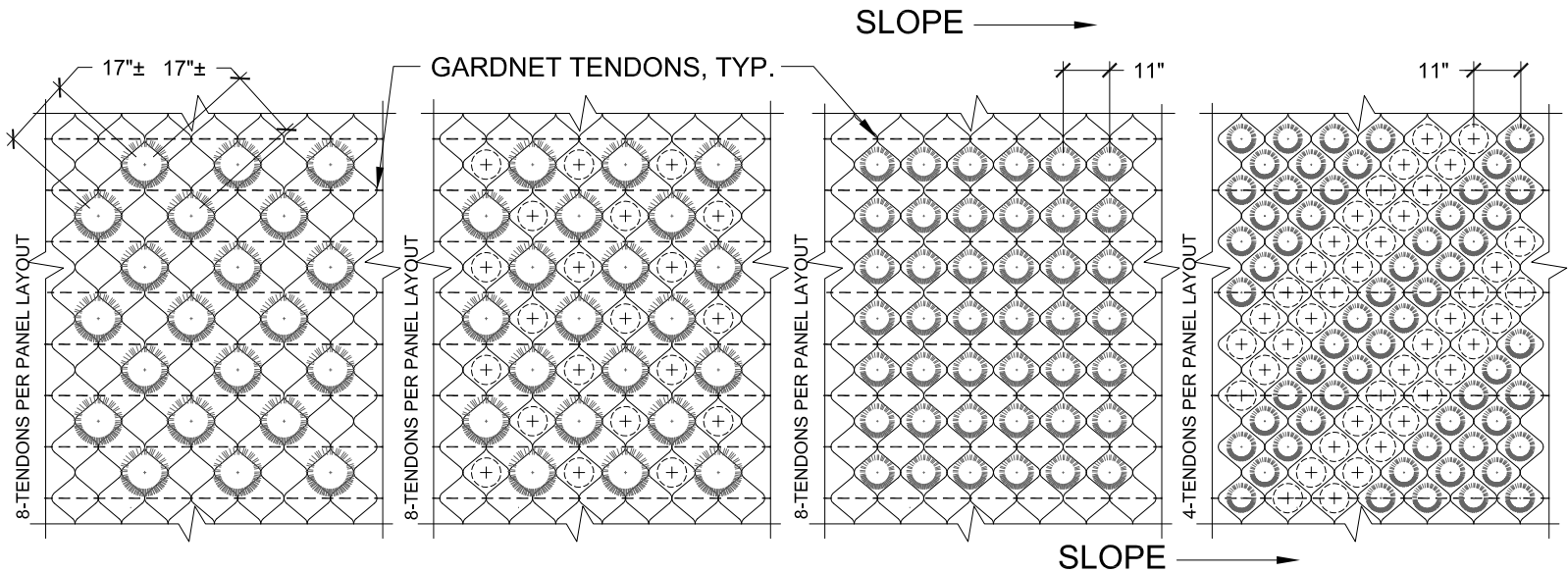
- WHEN PROPERLY INSTALLED ON A SLOPED ROOF, GARDNET FORMS CELLS APPROX. 11" X 13" AND CAN HOLD A MEDIA VOLUME APPROX. 8" DIA.
- WHEN INSTALLED ON A ROOF THAT IS IRREGULARLY SLOPED OR NARROWER AT THE TOP OR THE BOTTOM, THIS CELL SHAPE CAN CHANGE AND RESULT IN SMALLER MEDIA VOLUMES.
- CELL CAN BE CUT IN LIMITED AMOUNTS TO ACCOMODATE TREE PLANTINGS.

**TYPICAL GARDNET TENDON**

- TENDONS ARE EITHER 3/16" OR 1/4" STAINLESS STEEL CABLES
- TENDONS ARE SPACED USING DATA PROVIDED BY HYDROTECH
- TENDON LAYOUTS USUALLY CONSIST OF 4- OR 8-CABLES PER GARDNET PANEL
- TENDONS CANNOT BE CUT TO ACCOMMODATE PLANTINGS; PLANT MATERIAL ROOT BALLS MUST BE SHIFTED TO AVOID TENDONS.

PLANT MATERIALS WITH SMALLER ROOT MASSES MAY BE PLANTED IN GARDNET CELLS THAT HAVE TENDONS PROVIDED TENDONS REMAIN PARALLEL TO SLOPE

**GARDNET CELL CONFIGURATION**



**SAMPLE PLANT MATERIAL LAYOUTS**

1. THE GARDNET CELL CONFIGURATIONS CAN PROVIDE THE DESIGNER WITH A WIDE VARIETY OF POTENTIAL PLANTING LAYOUTS.
2. WHILE PLANT MASSINGS ARE POSSIBLE, INTERPLANTINGS USING MULTIPLE PLANT SPECIES CAN BE ACHIEVED.
3. GEOMETRIC OR NATURALISTIC THEMES CAN BE ACHIEVED. SMALLER PLANT MATERIALS WORK BETTER FOR FLUID DESIGNS.
4. TO ENSURE DESIGN SUCCESS, DESIGNERS SHOULD PROVIDE SUFFICIENT DETAIL IN THE GARDNET LAYOUT TO EFFECTIVELY COMMUNICATE DESIGN INTENT TO THE CONTRACTOR.

**GARDNET PLANTING  
LAYOUT GUIDELINES**

SCALE: NONE  
DATE: 11/01/17

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