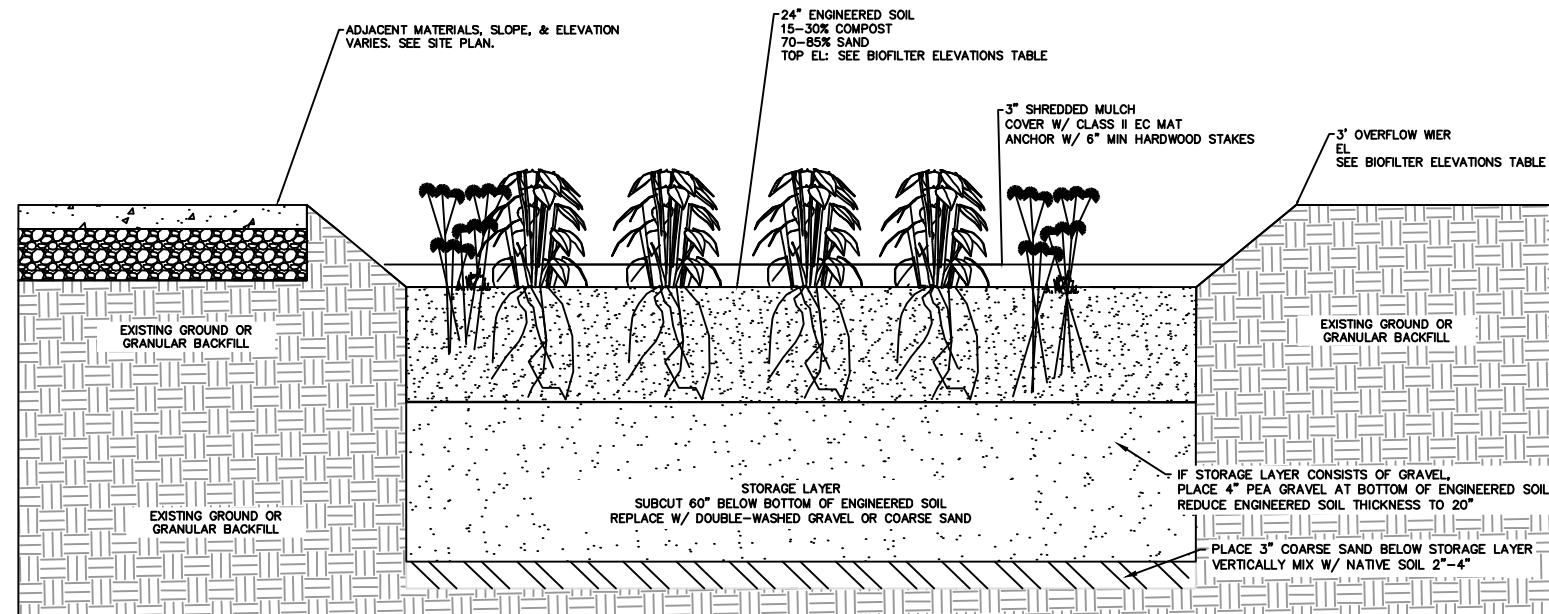


BIO-INFILTRATION



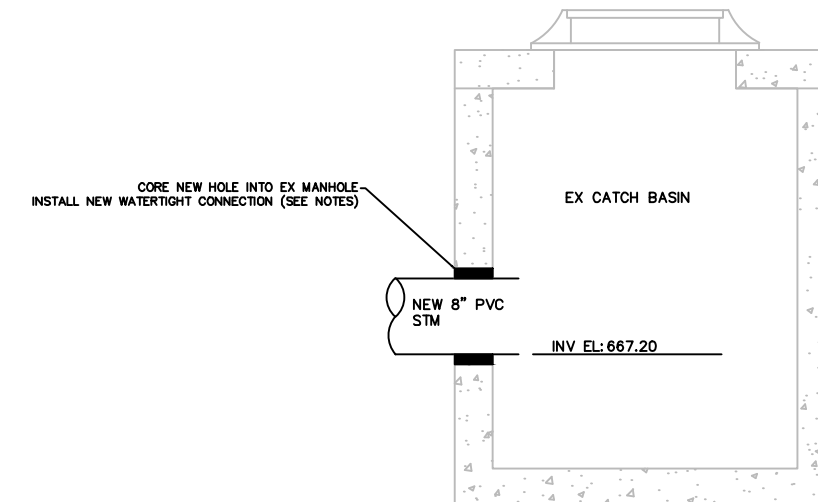
- CONSTRUCTION NOTES:**
- CONSTRUCT BIOFILTER IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1004 PROVIDED AS CONCEPT ONLY. ACTUAL INSTALLATION DETAILS FOR ADJACENT MATERIALS VARY AND ARE SHOWN ON THE SITE PLAN.
 - GRAVEL SHALL BE COARSE AGGREGATE #2 MEETING THE STANDARDS OF THE WISCONSIN STANDARDS AND SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION (WSSHSC), S. 501.2.5, 2003 ED.
 - COARSE SAND SHALL BE USDA COARSE SAND, FINE AGGREGATE CONCRETE SAND (ASTM 05C33), OR EQUIVALENT AS SPECIFIED IN WSSHSC S. 501.2.5.3.4, 2005 ED.
 - PLANT WITH NATIVE DECORATIVE GRASSES AND PLANTS.
 - PLUGS SHALL BE PLACED 1' ON CENTER.
 - PLANT SELECTION SHALL BE BASED ON ENGINEERED SOIL COMPOSITION AS WELL AS NATIVE SOIL CONDITIONS BENEATH THE ENGINEERED SOIL LAYER.
 - SELECTED PLANTS SHALL BE DEEP ROOTED.
 - SELECTED PLANTS SHALL BE APPROVED BY OWNER PRIOR TO PLANTING.

ELEVATIONS

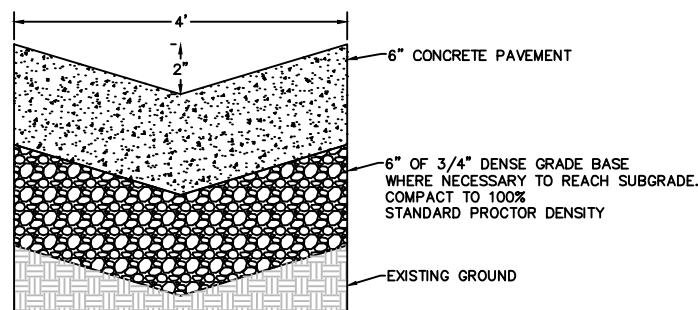
| DEVICE | BOTTOM OF ENG. SOIL EL. | TOP OF ENG. SOIL EL. | STANDPIPE EL. | WIER INV EL. |
|--------|-------------------------|----------------------|---------------|--------------|
| 1 | 707.94' | 709.94' | N/A | 710.94' |
| 2 | 707.50' | 709.50' | N/A | 710.32' |
| 3 | 708.34' | 710.34' | N/A | 711.28' |
| 4 | 705.75 | 707.75' | N/A | 708.50' |

EXISTING CATCH BASIN CONNECTION DETAIL

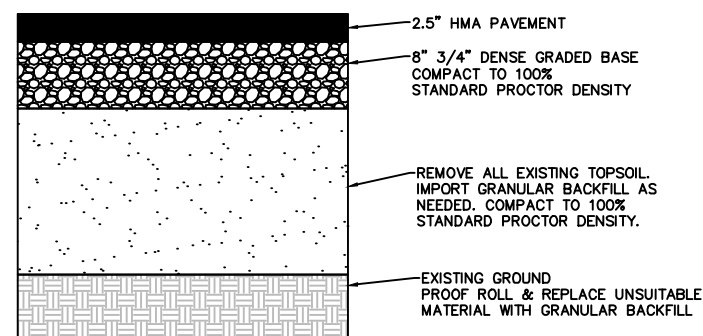
- NOTES:**
- CONNECTION OF ALL PVC STM PIPING TO PRECAST CATCH BASINS SHALL EMPLOY A WATERTIGHT, FLEXIBLE CONNECTOR
 - CONNECTOR SHALL BE A SINGLE RUBBER GASKET, CONSTRUCTED ENTIRELY OF SYNTHETIC OR NATURAL RUBBER
 - CONNECTOR SHALL MEET REQUIREMENTS OF ASTM C923 AND HAVE A MIN TENSILE STRENGTH OF 1,600 PSI
 - THE CONNECTOR SHALL BE THE SOLE ELEMENT RELIED ON TO ASSURE A FLEXIBLE, WATERTIGHT SEAL OF THE PIPE TO THE STRUCTURE



CONCRETE VALLEY GUTTER



HMA PAVEMENT TYPICAL SECTION



CONCRETE SIDEWALK

