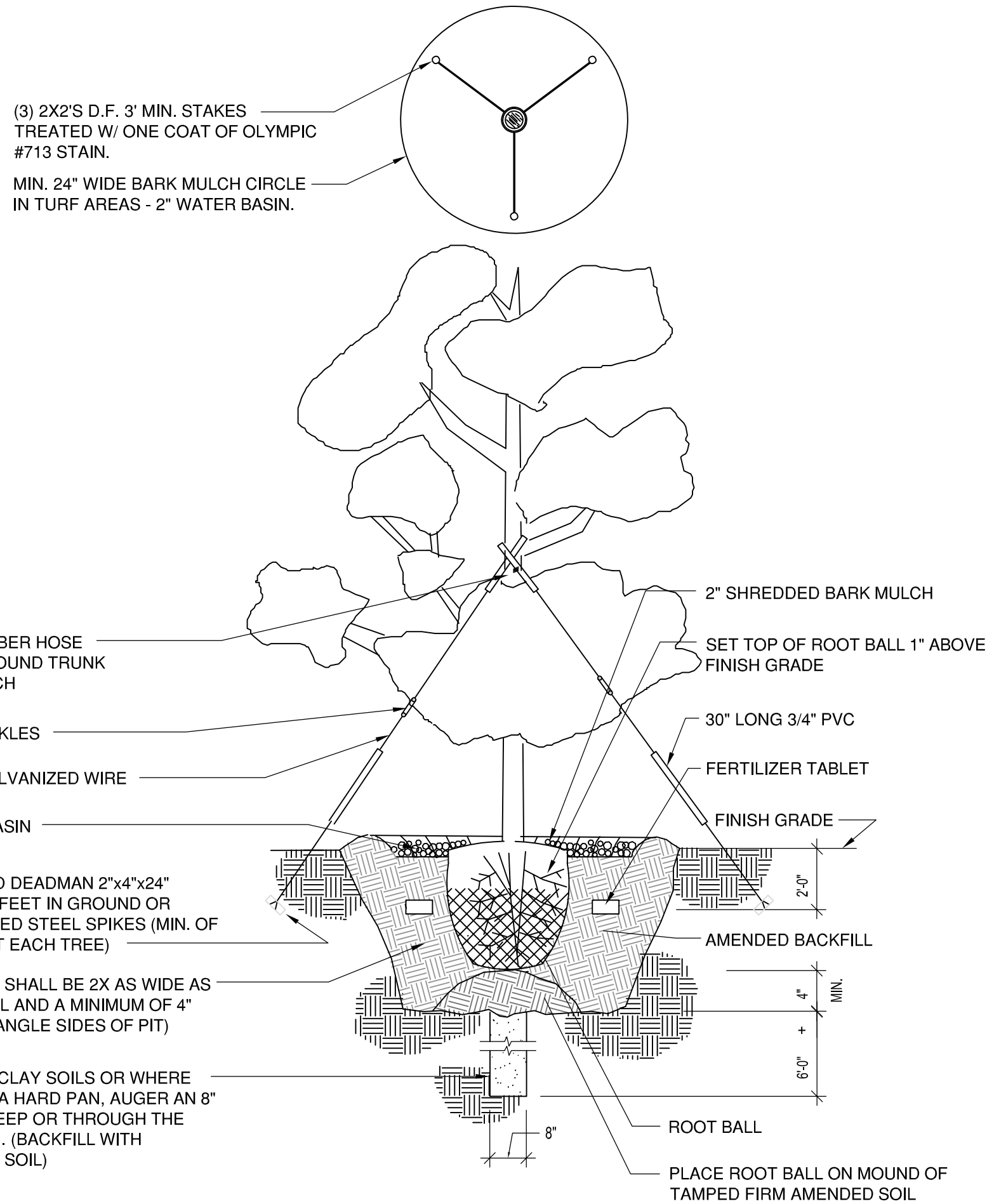


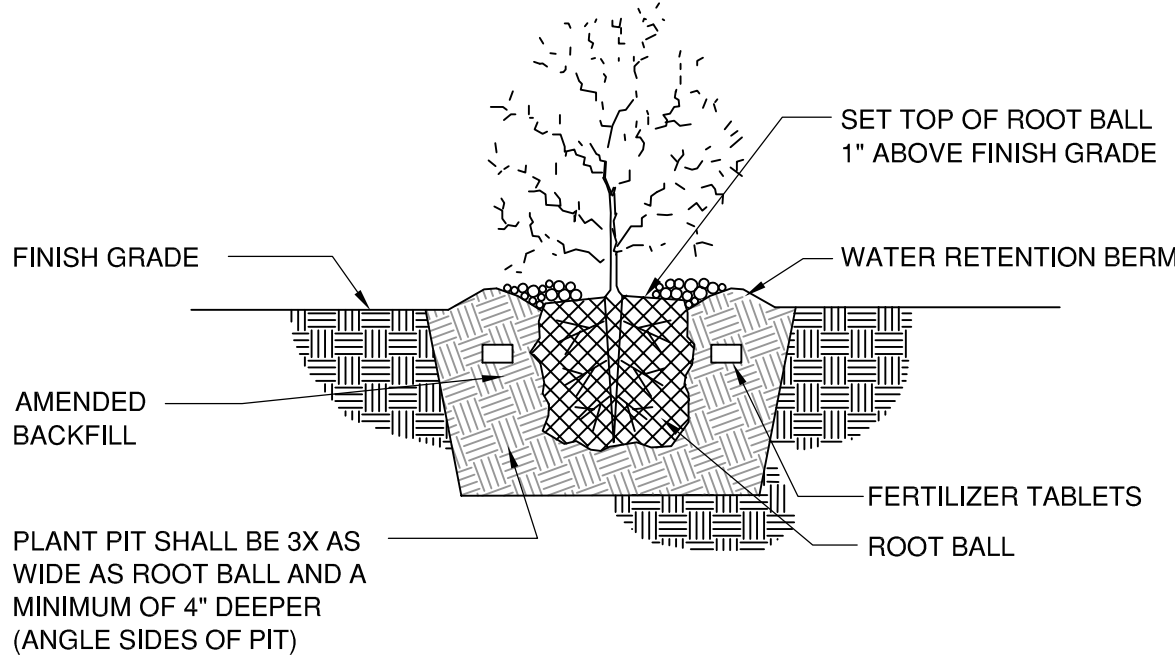
TREE PLANTING DETAIL

N.T.S.



EVERGREEN TREE PLANTING DETAIL

N.T.S.

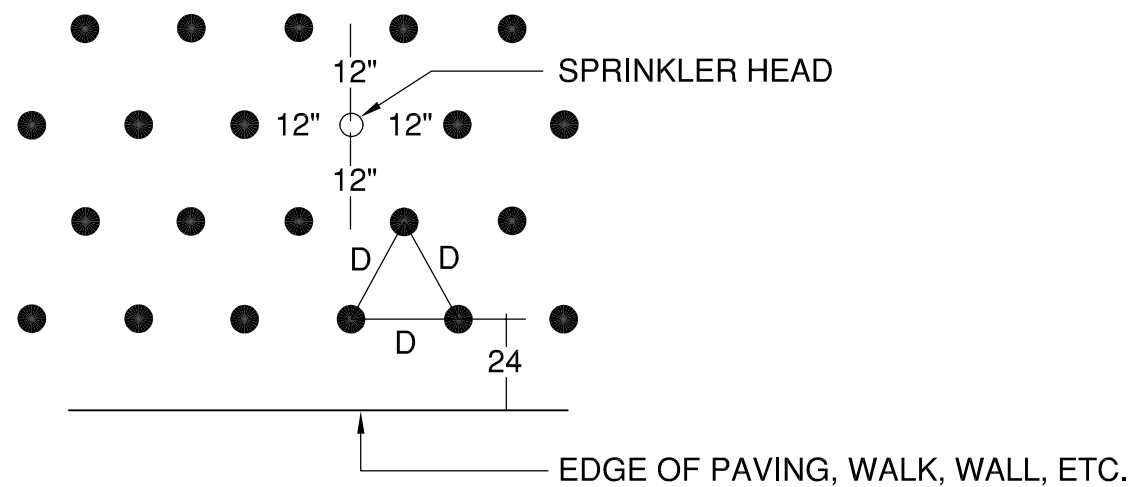


SHRUB PLANTING DETAIL

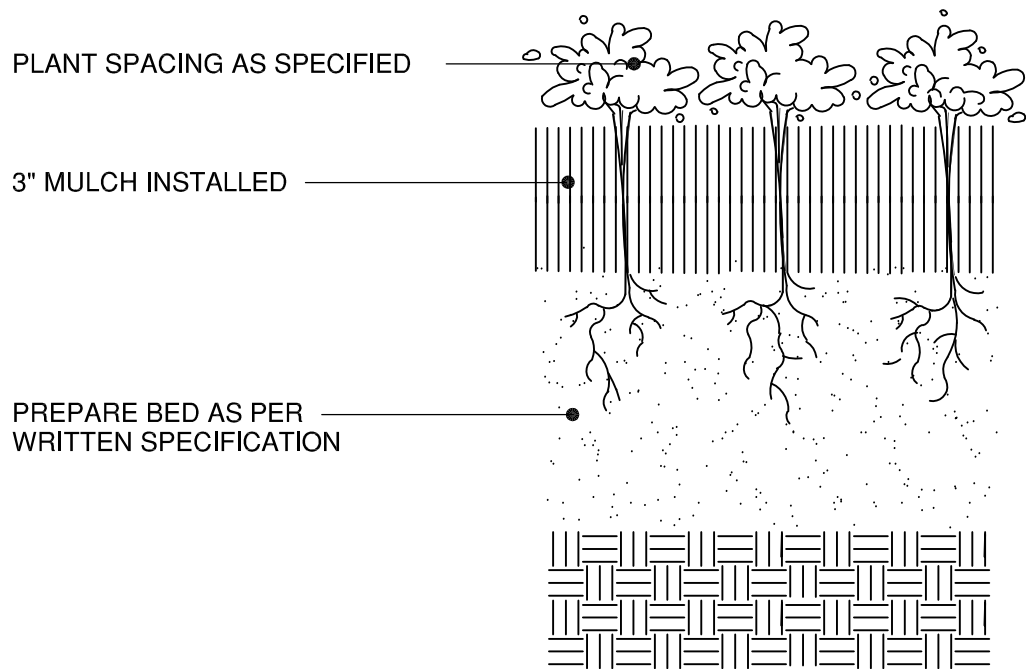
N.T.S.

TYPICAL PLANTING NOTES:

1. B&B stock may be substituted with container stock of equal grade.
2. Container stock may be substituted with B&B stock of equal grade.
3. Plant material shall conform with American Standard for Nursery Stock, ANSI Z60.1, 2004 edition.
4. All trees shall be branched.
5. Refer to project technical specification for topsoil requirement. All planting beds shall have a minimum of 18 inches topsoil. Re-use of existing topsoil is recommended, but must meet specifications.
6. Garden mulch all planting beds with 3" min. Layer of specified garden mulch.
7. In the event of a discrepancy between this material listing and the drawings, the drawings shall govern the plant species and quantities required.
8. In the event of question or lack of clarity on drawings, Landscape Contractor is to contact Landscape Architect before proceeding.
9. Landscape contractor is to notify Landscape Architect prior to installation of plant material to approve final placement.
10. Landscape Contractor to verify plant material quantities.
11. Contractor will provide a one year warranty on all provided & installed plant material from date of final approval by owner's representative.
12. Automatic irrigation is required for all planted areas.

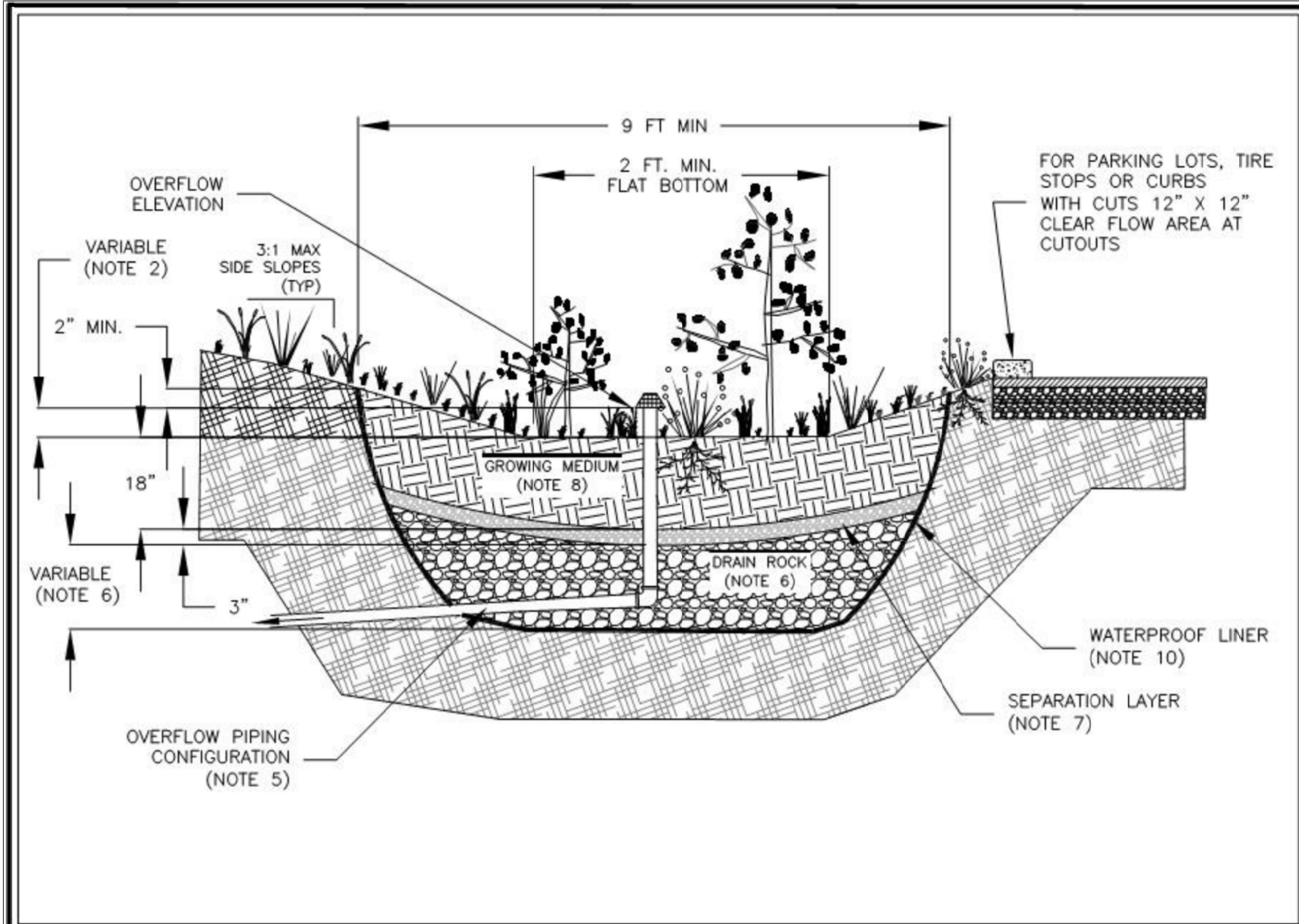


NOTE:
LOCATE PLANTS SPACED EQUAL DISTANCE (D)
FROM EACH OTHER AS SPECIFIED AND
MINIMUM OF 12" FROM SPRINKLER HEAD



GROUNDCOVER PLANTING DETAIL

N.T.S.



NOTES:

1. PROVIDE PROTECTION FROM ALL VEHICLE TRAFFIC, EQUIPMENT STAGING, AND FOOT TRAFFIC IN PROPOSED INFILTRATION AREAS PRIOR TO, DURING, AND AFTER CONSTRUCTION.
2. DIMENSIONS:
A. WIDTH: 9 FT. MINIMUM.
B. DEPTH OF RAIN GARDEN (MEASURED FROM TOP OF GROWING MEDIUM TO OVERFLOW ELEVATION):
1)SIMPLIFIED 12"
2)ENGINEERED 6"-18"
C. SLOPE OF PLANTER: 0.5% OR LESS
3. SETBACKS (FROM NEAREST POINT AT FINISHED GRADE):
A. INFILTRATION-10 FT. FROM FOUNDATIONS
B. FILTRATION MUST BE LINED, NO SETBACK REQUIREMENT FROM FOUNDATIONS
C. SETBACKS FROM PROPERTY LINES VARY DEPENDING ON SITE CONDITIONS (SEE DESIGN STANDARDS)
4. OVERFLOW:
A. INLET ELEVATION MUST ALLOW FOR 2" OF FREEBOARD, MINIMUM
B. PROTECT FROM DEBRIS AND SEDIMENT WITH STRAINER OR GRATE
5. PIPING:
SEE STANDARD PLAN 221
6. DRAIN ROCK:
A. 1 1/2"-3/4" WASHED AGGREGATE WITH 40% VOIDS
B. DEPTH:
SIMPLIFIED- 18" (IF ≤ 1.75 "/hr INFILTRATION RATE)
12" (IF > 1.75 "/hr INFILTRATION RATE)
ENGINEERED- 0"-48"
7. SEPARATION BETWEEN DRAIN ROCK AND GROWING MEDIUM SHALL BE A 3" LAYER OF 3/4"-1/2" OPEN GRADED AGGREGATE.
8. GROWING MEDIUM:
A. DEPTH: 18"
B. SEE DESIGN STANDARDS FOR REQUIREMENTS
9. VEGETATION: FOLLOW LANDSCAPE PLANS OR REFER TO PLANTING REQUIREMENTS IN DESIGN STANDARDS.
10. FOR FILTRATION RAIN GARDEN INSTALL 30 mil. PVC, HDPE OR EQUIVALENT WATERPROOF LINER(SEE STANDARD PLAN #221).
11. INSTALL RIVER ROCK SPLASH PAD TO TRANSITION FROM INLETS TO GROWING MEDIUM.

APPROVED		CITY ENGINEER		1/01/14	DRAWN BY	KAK	12/2013	NO. 217	
				DATE	CHECKED BY	KR	12/2013		

CITY OF SALEM, DIVISION 004, APPENDIX B (PLANTING LIST FOR STORMWATER FACILITIES:

4B.4—Planting, Landscape, and Irrigation Requirements

The vegetation used in GSI facilities may also be used to meet other landscape requirements of the project. Stormwater facilities with vegetative plantings must meet the following requirements:

- (a) For all facilities located in riparian corridors and Public Stormwater Facilities, all plants shall be appropriate native species from the plant list contained in this appendix. For private stormwater facilities, non-native plant varieties may be used which are suitable for the planting zone where located in the facility.
- (b) Plants will be inspected and accepted or rejected at the end of construction when the project is substantially complete.
- (c) Establishment maintenance procedures, such as control of invasive weeds, animal and vandal damage, mulching, re-staking, watering, and mesh or tube protection replacement, shall be noted on the plans as needed to ensure plant survival.
- (d) Stormwater facilities located in the ROW are not permitted to use evergreen trees to meet landscaping requirements. Street trees in the ROW shall be located outside of planters whenever possible. If street trees are placed in planters, the minimum width of the facility is four feet.
- (e) Selected plant materials should be appropriate for soil, hydrologic, and other facility and site conditions. The density of plantings shall be consistent with the requirements listed in this appendix. The intent is for the plants to be dense enough when mature to minimize the growth of weeds and invasive species and reduce the amount of needed maintenance.
- (d) The planting design shall minimize the need for herbicides, fertilizers, or pesticides at any time before, during, after construction, and on a long-term basis.
- (e) Plants shall be selected and planted to minimize the need for mowing, pruning, and irrigation.
- (f) Certified weed-free native grass or native wildflower seed shall be applied at the rates specified by the supplier. If plant establishment cannot be achieved with seeding by the time construction of the stormwater facility has been completed, the design shall provide for planting the area with wildflower sod, plugs, container plants, or other methods to establish the vegetation and protect the facility against erosion before water is allowed to enter the facility.
- (g) A temporary irrigation system must be included in the design of each facility to be used until the plants are fully established, generally two to three years. Public stormwater facilities shall be designed so permanent, long-term irrigation systems are not needed.
- (h) All plantings in and adjacent to the ROW shall be appropriate for the area and not interfere with vision and sight clearance requirements. Plants that will not become a nuisance by growing over the public sidewalks shall be selected.
- (i) Growing medium shall be placed at a minimum depth of 12 inches over native soil, unless otherwise noted in the Standard Plans. See Appendix 4G—Key Material Specifications for details on topsoil, organic soil amendment, and growing medium requirements.
- (j) A two-inch layer of pea gravel (not bark dust or bark chips) shall be specified over the growing medium between the plantings in Planting Zone 1. Organic mulch such as straw, bark, sawdust, or compost shall be placed at a depth of two to three inches above the high water mark, in Planting Zones 2 or 3. Organic mulch shall not be placed such that it may enter waterways or clog inlets/outlets.

REVISIONS		
REV.	DATE	DESCRIPTION
1	5/27/2020	City Comments

SHEET NAME:	
DETAILS & NOTES	

DRAWN BY:	CL
CHECKED BY:	TM
ISSUE DATE:	1/21/2020
JOB NO.:	1925