ROOF RECYCLING COLLECTION SYSTEM

RAINWATER STORAGE SYSTEM INSTALLED ABOVE GROUND (SEE NOTE 4)

LEAF/ROCK SCREEN

DOWNSPOUT CONNECTION

STAINLESS STEEL SCREEN

LATCH OR LOCK

COVER

PROVIDE OVERFLOW PIPING TO ADDITIONAL TANKS OR DISCHARGE APPROPRIATELY AWAY FROM BUILDING (SEE NOTE 5)

SEE STANDARD DETAIL NDP–20 AND NOTE 1 FOR DISPERSAL METHODS

FLOW CONTROL ORIFICE, MIN DIAMETER 0.25" (REMOVABLE FOR MAINTENANCE)

FAUCET OR VALVE

WATER LEVEL

RAIN CISTERN (PER DESIGN)

6" MIN.

3" MIN.

4" MIN.

6" MIN.

NOTES:

1. SEE DOE MANUAL, CHAPTER 3, VOLUME III AND CHAPTER 5, VOLUME V FOR DISPERSION OPTIONS, OR CONNECT TO IRRIGATION SYSTEM WITH PROPER BACKFLOW PROTECTION.
2. SEE NDP CHAPTER D6–04 HEREE FOR MATERIALS AND QUALIFIED PRODUCTS.
3. ELECTRICAL PERMIT REQUIRED IF WATER PUMP IS TO BE INSTALLED.
4. STORAGE SYSTEM INSTALLATION UNDERGROUND WITH ENGINEERED DESIGN ONLY.
5. REDUNDANT OVERFLOW SYSTEMS ARE RECOMMENDED.