NOTES:
1. FIBERGLASS BASINS MAY NOT BE USED IN AREAS SUBJECT TO TRAFFIC LOADING.
2. LOCATION OF BASIN TO BE DETERMINED BY PROPERTY OWNER OR DEVELOPER.
3. EXCAVATED AREA SHALL BE BACKFILLED TO 6" BELOW GRADE. BACKFILL MATERIAL SHALL BE EXCAVATED MATERIAL CONTAINING NO SOIL LUMPS, STONES, CONCRETE, OR FOREIGN OBJECTS LARGER THAN 1" MAX DIMENSION, OR AASHTO No. 8 STONE.
4. 6" TOPSOIL AND SEED SHALL BE PLACED TO GRADE THE SURROUNDING EXCAVATED AREA.
5. TYPICAL TANK SIZE FOR 1 EDU IS 36" DIA x 96".
6. PROVIDE A REDUNDANT CHECK VALVE ON PUMP DISCHARGE PIPING.

FINISHED GRADE

INLET HUB

GRAVITY SERVICE LINE

MIN STORAGE VOLUME

RECOMMENDED 140 GAL

2'-8"

3'-0" DIA

(TYP)

ANTI-SIPHON VALVE

1 1/2" DISCHARGE LINE

1 1/2" NPT DISCHARGE COUPLING

BALL STOP VALVE

REDUNDANT BALL CHECK VALVE

MIN 1/4" THICK FIBERGLASS REINFORCED POLYESTER RESIN OR DOUBLE-WALL HDPE W/ 1 1/2" CORRUGATIONS

GRINDER PUMP UNIT PER SPECIFICATIONS

1 CY (MIN) CONCRETE ANTI-FLOTAION COLLAR

6" AASHTO No. 8 (PennDOT No. 1B) STONE BEDDING

FIBERGLASS OR HDPE BASIN FOR TYPICAL INDIVIDUAL PUMP

DETAIL

NO SCALE

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