COMPACT RECLAIM TANK 2" HOLE FOR 1 1/4" PVC (1 TYP) 4" HOLE FOR 3" PVC CUT HOLE 1'-0" FROM TOP OF TANK (2 TYP) AND 1'-0 O.C. FROM EDGE. 8" HOLE FOR 6" PVC PIPE FROM BAY SUMP **PLAN VIEW** 6" HOLE FOR 2" HOLE FOR 1" PVC (1 TYP) 4" PVC PIPE CUT HOLE 1'-0" FROM TOP OF TANK 4" HOLE FOR 3" PVC SEWER AND 1'-0 O.C. FROM EDGE. (2 TYP) OVERFLOW 6" 1'6" O.C. 8"→ FROM BAY PIT WATER LEVEL 8" HOLE FOR 8" HOLE FOR 6" PVC PIPE 6" PVC PIPE 9'-2" FITTING BY **OTHERS** 5'-5" 6" SWEEP TEE SCH (3 TYP.) 40 PVC 4'-0" WITH CLEANOUT 3'-0" BY OTHERS SEE CALLOUTS ABOVE 8"

SECTION VIEW

GENERAL NOTES:

- DO NOT USE RUBBER SEALS!
- PRECAST SPECIFICATIONS CONVORM TO LATEST ASTM C-913 SPEC FOR "REINFORCED CONCRETE WATER & WAST WATER STRUCTURES.
- CONCRETE COMPRESSIVE STRENGTH 4000-PSI MINIMUM.
- STEEL REINFORCING CONFORMS TO LATEST ACI-318 SPECS. FOR REINFORCED CONC.
- PIPE CONNECTIONS TO BE SEALED WITH NON-SHRINK **GROUT BY CONTRACTOR**
- SECTION JOINTS TO BE SEALED WITH NON-SHRINK GROUT BY CONTRACTOR.
- 7. STRUCTURE IS STEEL REINFORCED TO MEET OR EXCEED H-20 LOADING.
- SEE PLAN VIEW FOR CORRECT ORIENTATION
- TANK CAPACITY 4000 GALLON MIN.
- 10. ADJUST TANK DEPTH TO INSURE MIN GALLONAGE.
- 11. HEIGHT TO MANWAY COVERS DETERMINED BY GRADE ELEVATION. SELECT RISER TO ACCOMMODATE.
- 12. IMPORTANT! USE FLAPPER STYLE (SPEARS OR BETTER) INLET CHECK VALVES AT BASE OF SUCTION LINES
 - a. ARROW POINTING UP
- 13. INCREASE TANK SIZE FOR FLOWS OVER 100 GPM
- 14. INCREASE PIPING SIZE IF FLOW RATES EXCEED 100 GPM

Precast Concrete In-Ground Tanking

PLAN VIEW **4000 GALLON RECLAIM TANK**

- TO 100 GPM
- 1. REVISED 1/7/13 FOR PRECAST
- 2. PLAN VIEW OF TANKING LAYOUT
- 3. NOTE HOLE SIZE FOR PIPE
- 4. COLEMAN HANNA

DRAWN BY: Russ Keller RECLAIM Filters and Systems