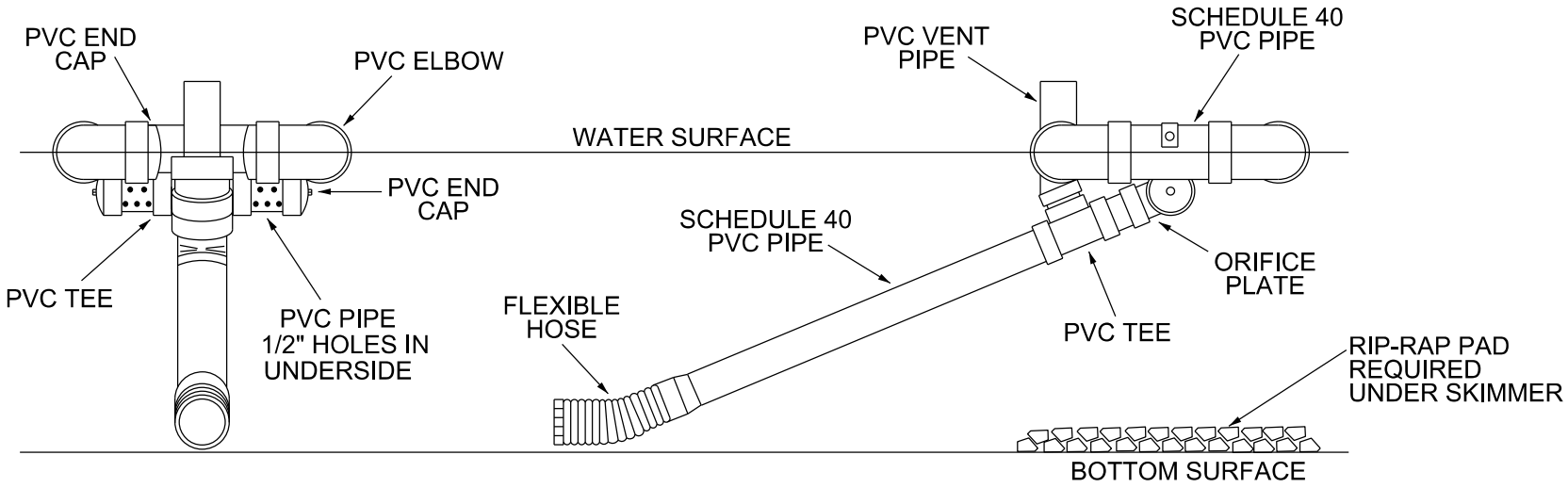
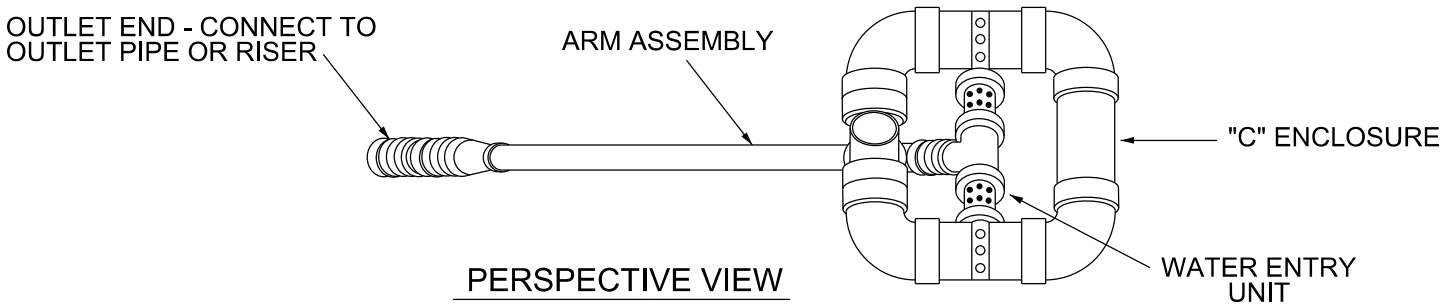


END VIEW

FRONT VIEW



PERSPECTIVE VIEW

NOTE: SKIMMER TO BE TETHERED

INSTALLATION NOTES:

1. SEE NCDEQ SEDIMENT DESIGN MANUAL FOR CONSTRUCTION SPECIFICATIONS, WHERE PRACTICE APPLIES AND PLANNING CONSIDERATIONS AND DESIGN CRITERIA.
2. ASSEMBLE THE SKIMMER FOLLOWING MANUFATURER'S INSTRUCTIONS OR AS DESIGNED AND LAY ON THE BOTTOM OF THE BASIN WITH THE FLEXIBLE JOINT AT THE INLET OF THE BARREL PIPE.
3. ATTACH THE FLEXIBLE JOINT TO THE BARREL PIPE AND POSITION THE SKIMMER OVER THE EXCAVATED PIT OR SUPPORT.
4. IF NO RISER STRUCTURE IS TO BE USED, COUPLE THE SKIMMER ARM DIRECTLY INTO THE EMBANKMENT 1 FOOT FROM THE BOTTOM OF THE BASIN.
5. THE ARM PIPE CONNECTING THE SKIMMER TO THE RISER SHALL HAVE A MINIMUM LENGTH OF 6 FEET.
6. INSTALL RIP-RAP UNDER THE SKIMMER IN ORDER TO HELP PREVENT SKIMMER FROM BEING LODGED IN THE MUD.
7. ATTACH A ROPE AND ANCHOR IT TO THE SIDE OF THE BASIN. THIS TETHER WILL BE USED TO PULL THE SKIMMER TO THE SIDE FOR MAINTENANCE.

MAINTENANCE NOTES:

1. MEASURES SHALL BE INSPECTED AT LEAST ONCE A WEEK OR IMMEDIATELY AFTER EACH RAINFALL OF 1.0 INCH OR GREATER. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
2. IF THE SKIMMER IS CLOGGED WITH TRASH, PULL THE TETHER AND REMOVE TRASH.
3. IF SKIMMER BECOMES STUCK IN SEDIMENT BASIN, USE THE TETHER TO DISLODGE FROM MUD. IT MAY BE NECESSARY TO REMOVE SEDIMENT FROM BASIN AND/OR REINSTALL PAD UNDER SKIMMER.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS

DATE: 9/2024

NOT TO SCALE

SKIMMER

SW-20.09