NOTES

1. Precast concrete cone sections may be eccentric or concentric.

2. Seepage port orientation varies among manufacturers.

3. Connect inlet pipe to structure using precast hole or core drilled hole.

4. For depths over 16" - 2" use 72" x 8" Alternative Precast Footing.

5. When necessary, knockouts on precast cone, drywell base and riser sections shall have a wall thickness of 1 1/2" (in) minimum and 2" (in) maximum.

ALTERNATIVE PRECAST FOOTING DETAIL

FLOW IN GRAVEL BACKFILL ENVELOPE

NO PIPE JOINTS ALLOWED IN GRAVEL BACKFILL ENVELOPE

UNDERGROUND DRAINAGE

GEOTEXTILE, MODERATE SURVIVABILITY, CLASS A

INTEGRAL BASE DETAIL

INTEGRAL BASE PRECAST WITH RISER

ALTERNATIVE FOOTING PRECAST

CONE SECTION

CRUSHED SURFACING BASE COURSE

FINISHED SURFACE

VARIES

VARIES

VARIES

VARIES

FINISHED SURFACE

LIMIT OF EXCAVATION

1%: 2% SLOPE (MAX.)

FOUR 6" (IN) DIAM. DRAIN HOLES (TYP.)

POSITIONED NOT TO INTERFERE WITH REINFORCING BARS

FLOW

INLET PIPE - SEE NOTE 3

SEEPAGE PORT ~ SEE NOTE 2

GRATE PORT FOR DRYWELL

GRAVEL BACKFILL FOR DRYWELL

CONCRETE SLAB ~ STANDARD PLAN B-20.40-04

COMMERCIAL CONCRETE

PRECAST WITH RISER INTEGRAL BASE

SEEPAGE PORT ~ SEE NOTE 2

PRECAST ALTERNATIVE FOOTING

INLET PIPE ~ STANDARD PLAN B-30.80

CIRCULAR FRAME (RING) AND COVER

SEE STANDARD PLAN B-30.70 OR - CIRCULAR GRATE,

SEE STANDARD PLAN B-30.80

STANDARD PLAN B-20.40-04

INTEGRAL BASE PRECAST WITH RISER

PRECAST WITH RISER INTEGRAL BASE

INTEGRAL BASE DETAIL

ALTERNATIVE PRECAST FOOTING DETAIL

FOUR 8" (IN) DIAM. DRAIN HOLES (TYP.)

POSITIONED NOT TO INTERFERE WITH REINFORCING BARS

FINISHED SURFACE

LIMIT OF EXCAVATION

1%: 2% SLOPE (MAX.)

FOUR 6" (IN) DIAM. DRAIN HOLES (TYP.)

POSITIONED NOT TO INTERFERE WITH REINFORCING BARS

FLOW IN GRAVEL BACKFILL ENVELOPE

NO PIPE JOINTS ALLOWED IN GRAVEL BACKFILL ENVELOPE

UNDERGROUND DRAINAGE

GEOTEXTILE, MODERATE SURVIVABILITY, CLASS A

INTEGRAL BASE DETAIL

INTEGRAL BASE PRECAST WITH RISER

ALTERNATIVE FOOTING PRECAST

CONE SECTION

CRUSHED SURFACING BASE COURSE

FINISHED SURFACE

VARIES

VARIES

VARIES

VARIES

FINISHED SURFACE

LIMIT OF EXCAVATION

1%: 2% SLOPE (MAX.)

FOUR 6" (IN) DIAM. DRAIN HOLES (TYP.)

POSITIONED NOT TO INTERFERE WITH REINFORCING BARS

FLOW IN GRAVEL BACKFILL ENVELOPE

NO PIPE JOINTS ALLOWED IN GRAVEL BACKFILL ENVELOPE

UNDERGROUND DRAINAGE

GEOTEXTILE, MODERATE SURVIVABILITY, CLASS A

INTEGRAL BASE DETAIL

INTEGRAL BASE PRECAST WITH RISER

ALTERNATIVE FOOTING PRECAST

CONE SECTION

CRUSHED SURFACING BASE COURSE

FINISHED SURFACE

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UNDERGROUND DRAINAGE

GEOTEXTILE, MODERATE SURVIVABILITY, CLASS A