SHALLOW TYPE
(5 FEET OR LESS IN DEPTH)

6" (TYP.)
6" (TYP.)

STANDARD STEPS
16" ON CENTER
(TYP.)

WEEP HOLES W/ STONE &
WIRE MESH, 2" MIN. DIA. (TYP.)

INTERMEDIATE TYPE (4'X4')
(5 FEET TO 20 FEET IN DEPTH)

36"

REINFORCED
CONCRETE SLAB
(SEE NOTE 1)

STONE
BEDDING
(TYP.)

SLAB DETAIL

26" 60"
6"

72" 36"
36"
60"

60"

60"

OVER 20'

6' MIN.

12" MAX

5' TO 20'

5' MAX.

NOTE:
1. SLAB THICKNESS AND REINFORCEMENT FOR SOIL
AND TRAFFIC LOADING SHALL BE AS SPECIFIED BY
AN ENGINEER AND SHOWN ON PLANS.
2. FRAME, GRATE, & HOOD PER NCDOT STANDARD
840.03.
3. CONCRETE SHALL BE 4000 PSI MIN. FOR ALL
PRECAST CONCRETE CATCH BASINS.
4. PRECAST CONCRETE STRUCTURES MAY ONLY BE
INSTALLED TO DEPTHS CERTIFIED AS ACCEPTABLE
BY THE MANUFACTURER.

TOWN OF APEX
STANDARDS
EFFECTIVE: MARCH 6, 2018

PRECAST CATCH BASIN DETAIL

STD. NO.
500.05

SHEET 1 OF 1