

# STORMWATER PERMIT REQUIREMENTS

**PROJECT:** \_\_\_\_\_

**APPLICANT NAME:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

IMPERVIOUS AREA 25,000 SQ. FT. OR GREATER

**(I) DESCRIPTIVE INFORMATION:**

A. TITLE BLOCK WITH:

- I. DEVELOPMENT NAME \_\_\_\_\_
- II. OWNER \_\_\_\_\_
- III. DESIGN FIRM \_\_\_\_\_
- IV. AUTHORIZED RPE STAMP \_\_\_\_\_
- V. LEGEND \_\_\_\_\_
- VI. NORTH ARROW \_\_\_\_\_
- VII. VICINITY MAP \_\_\_\_\_
- VIII. SCALE \_\_\_\_\_
- IX. SHEET NUMBERS \_\_\_\_\_
- X. DATE \_\_\_\_\_
- XI. REVISION #'S AND DATES \_\_\_\_\_

B. TOPOGRAPHICAL FEATURES:

- I. ORIGINAL CONTOURS \_\_\_\_\_
- II. EXISTING DRAINAGE COMPONENTS \_\_\_\_\_
- III. PROPERTY BOUNDARY LINES \_\_\_\_\_
- IV. EXISTING STREETS, BUILDINGS, AND UTILITIES \_\_\_\_\_
- V. 100 YEAR FLOOD PLAIN \_\_\_\_\_
- VI. OFF-SITE DRAINAGE ENTERING SITE \_\_\_\_\_
- VII. ORIGINAL DRAWING, 24" x 36" \_\_\_\_\_

C. SITE PLAN:

- I. EXISTING AND PROPOSED STRUCTURES \_\_\_\_\_
- II. EXISTING AND PROPOSED SWM SYSTEM \_\_\_\_\_
- III. PROPOSED SWM SYSTEM CONNECTION \_\_\_\_\_
- IV. LOCATION AND GRADE OF ALL SWALES \_\_\_\_\_
- V. LOCATION/DESIGN OF ALL OTHER BMS \_\_\_\_\_
- VI. SEDIMENT & EROSION CONTROL MEASURES \_\_\_\_\_
- VII. EXISTING AND PROPOSED GROUND COVER \_\_\_\_\_

- VIII. TOTAL IMPERVIOUS AREA \_\_\_\_\_
- IX. CONTROL RELEASE FACILITIES \_\_\_\_\_

D. FINAL AS-BUILT DRAWINGS:

- I. AUTOCADD DXF OR DWG FILE FORMAT \_\_\_\_\_
- II. SHOW ALL REVISED CONTOURS/SPOT ELEVATIONS \_\_\_\_\_
- III. SHOW PERTINENT ELEVATIONS/INFO OF SWM SYSTEM \_\_\_\_\_
- IV. ALL IMPERVIOUS AREAS ACCURATELY DEPICTED \_\_\_\_\_
- V. PROVIDE FINAL AS-BUILT DRAWINGS \_\_\_\_\_

**(2) DESIGN STANDARDS**

- A. RATIONAL METHOD USED TO CALCULATE FLOW RATES \_\_\_\_\_
- B. MIN. "TIME OF CONCENTRATION" SHALL BE 6 MIN. \_\_\_\_\_
- C. DETENTION STRUCTURES:
  - I. POST-CONSTR. PEAK RUNOFF RATE =< THE PRE-CONSTR. PEAK RUNOFF RATE FOR 2-YR/24-HR, 10-YR/24-HR & 25-YR/24-HR STORMS \_\_\_\_\_
  - II. A PEAK RUNOFF RATE REDUCTION OF 10% FROM PRE-EXIST. PEAK RUNOFF RATE OF FLOW MUST BE ACHIEVED \_\_\_\_\_

**(3) DESIGN BACKUP**

- A. CALCULATIONS FOR RUNOFF \_\_\_\_\_
- B. CALCULATIONS FOR STORMWATER DET/RET \_\_\_\_\_
- C. O & M MANUAL FOR PRIVATE STORMWATER \_\_\_\_\_

**(4) SEDIMENT & EROSION CONTROL MEASURES ARE REQUIRED.** \_\_\_\_\_

