

STORMWATER PERMIT REQUIREMENTS

PROJECT: _____

APPLICANT NAME: _____

DATE: _____

IMPERVIOUS AREA + 3000 SQ. FT. TO 25,000 SQ. FT. _____

(I) DESCRIPTIVE INFORMATION:

A. TITLE BLOCK WITH;

- I. DEVELOPMENT NAME _____
- II. OWNER _____
- III. DESIGN FIRM _____
- IV. LEGEND _____
- V. NORTH ARROW _____
- VI. VICINITY MAP _____
- VII. SCALE _____
- VIII. SHEET NUMBER _____
- IX. DATE _____

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. SHOW PERTINENT ELEVATION OF SWM SYSTEM _____
- II. ALL IMPERVIOUS AREAS ACCURATELY DEPICTED _____
- III. 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. PEAK RUNOFF REDUCTION OF 10% FROM PRE-EXIST. 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. _____