



**FCTA 1**  
 TOTAL ONSITE IMPERVIOUS AREA = 0.762 ACRES  
 INCLUDING ROOFS OF THE TWO BUILDINGS, CONC. WALKWAYS (100% IMPERVIOUS)  
 AND POROUS ASPHALT PAVEMENT IN PARKING, DRIVEWAY AND SPORT COURT  
 AREA (COUNTED AS 50% IMPERVIOUS, 50% GRASS)  
 ROOF = 0.39 ACRES  
 CONC. WALKWAY = 0.046 ACRES  
 TOTAL POROUS PAVEMENT = 0.652 ACRES, COUNTED AS 0.326 ACRES IMPERVIOUS

**FCTA 2**  
 TOTAL ONSITE TILL GRASS = 0.521 ACRES  
 INCLUDING CREDIT CALCULATION FOR  
 POROUS ASPHALT PAVEMENT

POROUS ASPHALT PAVEMENT IN TILL SOIL = 0.40 ACRES  
 COUNTED AS:  
 IMPERVIOUS AREA = 0.20 ACRES  
 TILL GRASS = 0.20 ACRES

TOTAL ONSITE TARGET AREA = 1.534 ACRES  
 TOTAL IMPERVIOUS AREA = 0.762 ACRES  
 TOTAL PERVIOUS AREA = 0.772 ACRES  
 TOTAL TILL GRASS = 0.521 ACRES  
 TOTAL OUTWASH GRASS = 0.251 ACRES

POROUS ASPHALT PAVEMENT IN OUTWASH SOIL  
 = 0.192 ACRES, COUNTED AS:  
 IMPERVIOUS AREA = 0.096 ACRES  
 OUTWASH GRASS = 0.096 ACRES

**FCTA 3**  
 TOTAL ONSITE OUTWASH GRASS = 0.251 ACRES  
 INCLUDING CREDIT CALCULATION FOR POROUS  
 ASPHALT PAVEMENT

POROUS ASPHALT PAVEMENT  
 SPORT COURT = 0.06 ACRES  
 COUNTED AS:  
 IMPERVIOUS AREA = 0.03 ACRES  
 OUTWASH GRASS = 0.03 ACRES

**FCTA 4**  
 OFFSITE TARGET AREA = 0.045 ACRES  
 (IMPERVIOUS)  
 EXCEPTION 2 FOR CONSERVATION FLOW  
 CONTROL AREA APPLIES

- LEGEND:**
- ← SURFACE FLOW ARROW
  - ▭ TARGET AREA BOUNDARY
  - IMPERVIOUS AREA ROOF OR CONCRETE WALKWAY (TILL SOIL)
  - POROUS ASPHALT OR POROUS CONCRETE PAVEMENT (TILL SOIL)
  - IMPERVIOUS AREA ROOF OR CONCRETE WALKWAY (OUTWASH SOIL)
  - POROUS ASPHALT OR POROUS CONCRETE PAVEMENT (OUTWASH SOIL)
  - LANDSCAPE AREA IN TILL SOIL (TILL GRASS)
  - LANDSCAPE AREA IN OUTWASH SOIL (OUTWASH GRASS)

EX INV.=306.35'  
 EX FL CATCH BASIN  
 RIM=318.80'  
 IE (12" W)=313.38 (CONC)  
 IE (12" E)=313.38 (LCPE)  
 EX STORM MH  
 RIM=319.38'  
 IE (48" N)=307.28' (STEEL)  
 IE (12" E)=312.58' (CONC)  
 IE (48" S)=312.78' (STEEL)  
 IE (12" W)=314.38' (STEEL)  
 EX 12" SD  
 EX 12" SD  
 EX STORM MH  
 RIM=320.5±'  
 EX 12" SD  
 EX STORM MH  
 RIM=319.83'  
 IE (12" W)=313.58 (STEEL)  
 IE (12" E)=313.83 (STEEL)  
 IE (12" S)=315.00 (LCPE)  
 IE (12" SW)=315.33 (LCPE)  
 EX CATCH BASIN  
 RIM=325.57'  
 IE (12" W)=322.47' (CONC)  
 IE (12" E)=322.57' (LCPE)

**TARGET AREA FOR FLOW CONTROL**

SCALE: 1"=60'