Delineation of Proposed Disconnected Impervious **Title Block** Exist. Inlet (No. 4) Rim. Elev. +177.12 - PR. 3" DIA. DOMESTIC WATER 9"x 9"Verizon approx. -Cover (DIC) MILL 1" OF EX. ASPHALT -**SERVICE LINE CONNECTION** — 40' Wide PWD 24" Waterd-Inv. Elev. +167.76 (Bot. Box) PERPENDICULAR TO EX. 12" AND OVERLAY Line Right-of-Way (Typ.) Water 12", 4'-6" Cover -WATER PWD PIPE (NOTE: SUBBASE WILL NOT BE - Electrical **EXPOSED DURING MILLING ACTIVITY)** ─ Water 24", 5'-0" Cover - Water 12", 4'-6" Cover - PR. 6" DIA. FIRE SERVICE **Exising Topography:** LINE CONNECTION PR. 6" CONCRETE CURB -Inv. Elev. +180.0 (Bot. Box) Storm Sewer 18", 7'-6" Cover PERPENDICULAR TO EX. 12" PR. 4' WIDE CONCRETE WALKWAY PWD WATER PIPE – 9"x 9"Verizon 3" Cover Within 25' of Property Line Revision / Date PR. 12" DIA. SANITARY San Man. Sanitary Manhole — SEWER CONNECTION Inv. Elev. +162.30 PERPENDICULAR TO EX. 20" Limit of Earth PWD SEWER MAIN ─ Verizon Manhole Disturbance Line Type **Preserved Landscape** (10'-20'-10') Flow Arrows (40 FEET RIGHT OF WAY PARKING Property Lines **Total Earth Disturbance** 84 SF CONCRETE — P Metes and Bounds SIDEWALK REPLACEMENT Planned N72"16'44"E 81.26' (DS) CP BLOCK Landscape Area PR. PAVEMENT DISCONNECTION (DIC) AREA= 180 SF └ 9"x 9"Verizon 3' Cover **Proposed Building Lines** TOTAL LIMIT OF EARTH DISTURBANCE 15,693 SF (0.36 ACRES) -4" Water PR. DOWNSPOUT AND ROOF PR. LANDSCAPING LEADER DIRECTLY CONNECTED Water / Fire Utility PRESERVATION AREA TO BASIN, COLLECTING RUNOFF - Storm Sewer Connection FROM ALL ROOF AREA 24" Dia., ĬPR. ASPHÁLT DRIVEWAY∐ PR. 10" DISCHARGE 8'-0" Cover dentification of Proposed (FULL DEPTH ASPHALT PROPOSED 55 SF CONCRETE SIDEWALK -– Electrical mprovements **Proposed SMP Footprint** REPLACEMENT) BUILDING REPLACEMENT PR. 3" DIA. DOMESTIC WATER -SERVICE LINE CONNECTION Inv. Elev. +163.00(Bot. PR. BASKETBALL Pipe Sizes Street Name PERPENDICULAR TO EX. 12" PR. SMP-2: BIO-INFILTRATION SMP COURT Right-of-Way Widths **WATER PWD PIPE INFILTRATION FOOTPRINT = 296 SF** PR. 6" DIA. FIRE Street Lines (INFILTRATION TESTING WILL BE SERVICE LINE CONNECTION **COMPLETED BEFORE FINAL DESIGN)** PERPENDICULAR TO EX. 12" DOMED RISER PWD WATER PIPE **PARKING LÓT** PR 12" DISCHARGE PIPE 🚩 **TO BE REPAVED** ∕PŖ. HWY GRATE INLET PROPOSED PR. STORM CONNECTION ੀ(FULL DEPTH ASPHALT ⊨ 🦳 PR. 8" DISCHARGE BUILDING PERPENDICULAR TO EX. 24" PWD REPLACEMENT) (6'-14'-6') (26' FEET RIGHT OF WAY) 85 SF CONCRETE SIDEWALK REPLACEMENT **Exising Utilities** PR. 12" DIA. SANITARY PR. 24" MANHOLE SEWER CONNECTION Location of Ex. Structures PERPENDICULAR TO EX. **Engineer/Designer Name** PR. LANDSCAPING (SHRUB) 20" PWD SEWER MAIN Ex. Features to Remain — Site Benchmark (Steel Should Be Greyed Out Pin, Elev. 175.25 Sanitary Manhole -Exist. Inlet (No. 4) Rim. Elev. +172.20 XYZ 55 SF CONCRETE Verizon Manhole — Inv. Elev. +163.25 (Bot. Box) SIDEWALK REPLACEMENT **CONSULTANT** ∕ Storm Sewer 24", 8'-0" Cover / 9"x 9"Verizon 3' Cover PROPOSED LEGEND 100 Road → FLOW ARROW PHILADELPHIA, PA 19102 OVERFLOW CONTROL (215) 555-5555 STRUCTURE WWW.FIRMXYZ.COM 👭 LOD **Overflow Structure HWY INLET** Owner PR. MIN. 2' WIDE (BOTTOM) SWALE MANHOLE @10% SLOPE (40 FEET RIGHT OF WAY) **Connection to SMF** PARKING PR. HWY GRATE INLET -TRENCH DRAIN PREPARED FOR PR. 12" DISCHARGE HANDICAPPED PARKING/ **Title of Plan Sheet** CLIENT ABC PIPE TO RAIN GARDEN VAN ACCESS AISLE **Connection to Sewe** PR. OUTLET PROTECTION -PAVEMENT STRIPING PR. DOWNSPOUT AND ROOF LEADER Proposed Topograph DIRECTLY CONNECTED TO BASIN, 1000 Blvd. SUBSURFACE **Site Address** 2' Contour Intervals (Min.) North Arrow COLLECTING RUNOFF FROM ENTIRE #2004 INFILTRATION BASIN Philadelphia, PA 19106 ROOF AREA (215) 555-1111 PR. OVERFLOW CONTROL STRUCTURE — · — · — SWALE Location of Inlets Scale Bar Scale PR. 12 " DISCHARGE PIPE —176— CONTOUR Scale Bar Must Match All PR. STORM CONNECTION PERPENDICULAR TO Submitted Plans EX. 24" PWD SEWER CONCRETE FOOTWAY/ Date SAMPLE SIDEWALK REPLACEMENT Inv. Elev. +159.00(Bot. Box) SUBSURFACE INFILTRATION BASIN 27 FT X 21 FT) **CONCEPT PLAN INFILTRATING FOOTPRINT= 567 SF** ASPHALT REPAVING (INFILTRATION TESTING WILL BE COMPLETED BEFORE FINAL DESIGN) ASPHALT MILL AND SMP System Summary Table PHILADELPHIA, PA 19125 OVERLAY PR. SIDEWALK REPLACEMENT DEMOLISH EXISTING SIDEWALK TO FULL DEPTH AREA = 1,737 SF **EXISTING LEGEND** LANDSCAPE PRESERVATION AREA PR. PRE SLOPED 12" TRENCH DRAIN PROPOSED BUILDING SCALE: 1" = 10'- 0" DISCONNECTED VERTICAL DATUM: NAVD 88 IMPERVIOUS COVER (DIC) PR. STORMWATER MANAGEMENT PLAN --- SUMMARY PROJECT # 999 DOWNSPOUT DISCONNECT SYSTEM | DCIA (SF) | FOOTPRINT (SF) | LOADING RATIO DOMED RISER Subsurface Infiltration Basin 4,475 City of Philadelphia SMP : 2 4,726 16 : 1 Bio-Infiltration Schuykill Watershed OUTLET PROTECTION DRAWING NUMBER: PROPOSED LANDSCAPING PWD TRACKING NUMBER #: FY16-EAST-1000-01 uring the Conceptual Review Phase, PWD requires the submission of a Conceptual Stormwater Management Plan. PWD will use the plan to gain preliminary understanding of the project site, to confirm the LOD, to **Location Map** Watershed Map **PWD Tracking Number** assess the proposed stormwater management strategy, Guidance Manual Version 3.0) will be applicable for including evaluation of stormwater management practice every site. (SMP) loading ratios and drainage areas, and to verify the project's applicability for an Expedited PCSMP Review (Section 2.4). Drawing Number

PWD Right-of-Way