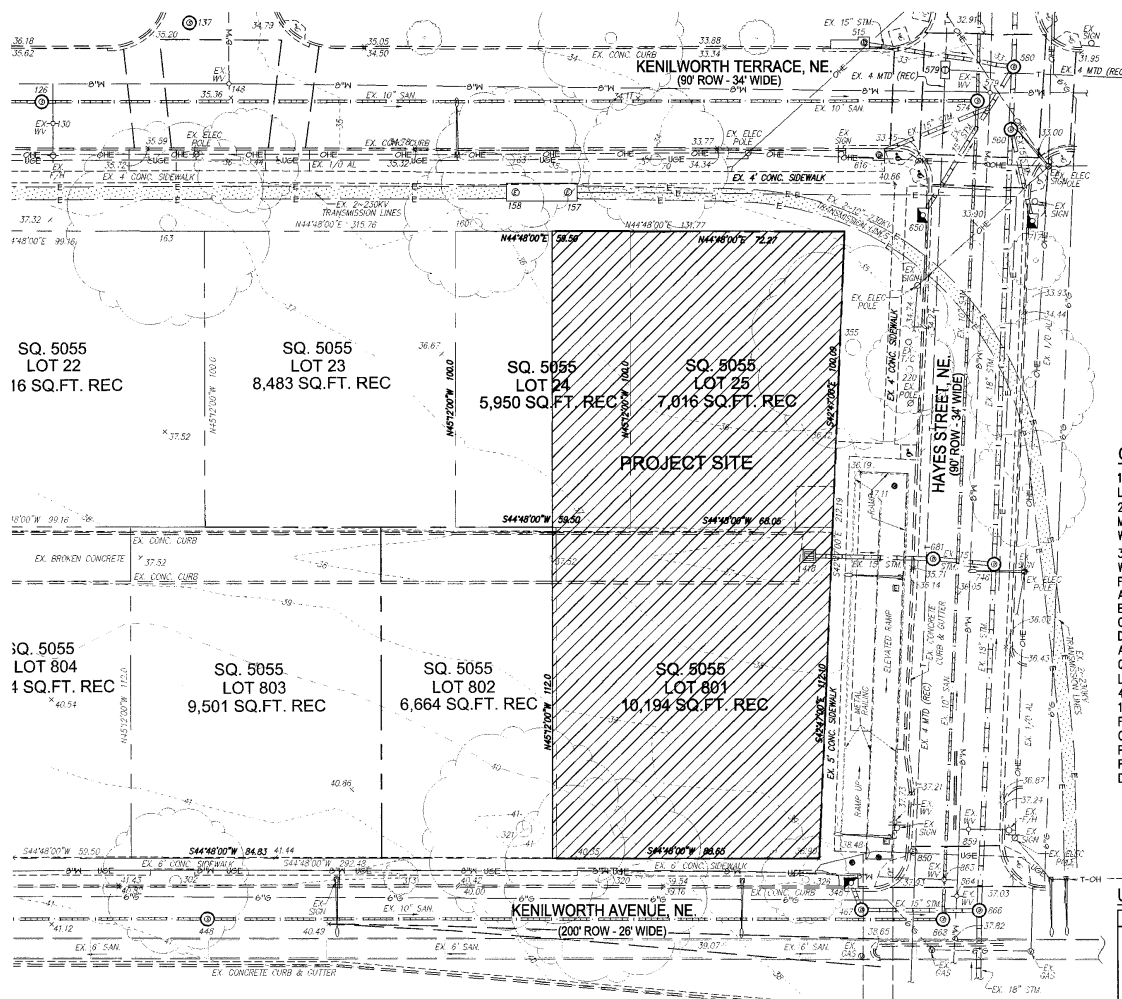


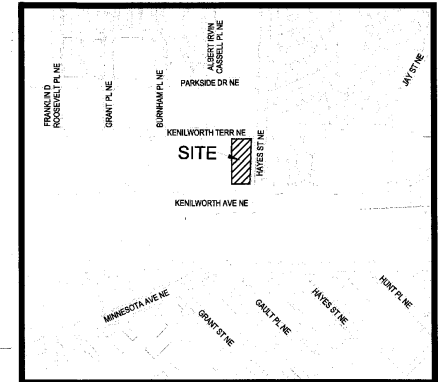


#### GENERAL NOTES:

- 1) THE DATA ON THIS SURVEY IS THE RESULTS OF A FIELD SURVEY BY THIS FIRM, LAST DATE OF FIELD SURVEY JUNE 29, 2009.
- 2) CONTOUR ELEVATIONS SHOWN ARE REFERENCED TO DCDPW DATUM (BM 11-26), MERIDIAN REFERENCED TO DCSD NORTH, BY HOLDING KENILWORTH AVE AS S 44°48' W.
- 3) VISIBLE ABOVE GROUND UTILITIES HAVE BEEN SHOWN. SUBSURFACE UTILITIES, WHERE SHOWN, FOLLOW ASCE 38-02 QUALITY LEVELS A-D. LINES ARE LABELED AS FOLLOWS:  
A: VISUALLY VERIFIED VIA TEST HOLES;  
B: DESIGNATED AND SURVEYED;  
C: RECORD INFORMATION CORRELATED WITH SURVEYED SURFACE FEATURES;  
D: RECORD INFORMATION ONLY. WHERE SUBSURFACE UTILITIES HAVE BEEN APPARENTLY DESIGNATED BY OTHERS ON SITE, THOSE LOCATIONS WILL BE SHOWN AS QUALITY LEVEL C. UTILITIES MAY EXIST THAT ARE NOT SHOWN, UNLESS OTHERWISE LABELED AS ABOVE, THIS SURVEY REPRESENTS QUALITY LEVEL C.
- 4) PROPERTY IS IDENTIFIED AS FLOOD ZONE B "AREAS BETWEEN LIMITS OF THE 100-YEAR FLOOD AND 500-YEAR FLOOD; OR CERTAIN AREAS SUBJECT TO 100-YEAR FLOODING WITH AVERAGE DEPTHS LESS THAN ONE (1) FOOT OR WHERE THE CONTRIBUTING DRAINAGE AREA IS LESS THAN ONE SQUARE MILE; OR AREAS PROTECTED BY LEVEES FROM THE BASE FLOOD." & C- "AREAS OF MINIMAL FLOODING" AS IDENTIFIED ON FIRM COMMUNITY PANEL 110901 9630 B EFFECTIVE DATE NOVEMBER 15, 1985.

#### UTILITY REFERENCES:

| UTILITY        | SOURCE                            | DATE              |
|----------------|-----------------------------------|-------------------|
| SEWER:         | WASA PANEL: LM 3-4 NE / NO 3-4 NE | 2/12/99 - 9/10/94 |
| WATER:         | WASA PANEL: LM 3-4 NE / NO 3-4 NE | 5/1/43 - 9/27/55  |
| ELECTRIC:      | 814F388                           | 10/1/07           |
| GAS:           | WASHINGTON GAS WG-17795           | 3/16/09           |
| COMMUNICATION: | VERIZON: NE 139                   | 7/16/97           |



VICINITY MAP  
SCALE: 1" = 600'



1-800-257-7777  
missutility.net

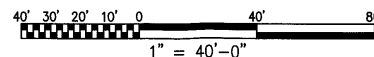
NOTIFY "MISS UTILITY" AT 1-800-257-7777  
48 HOURS IN ADVANCE BEFORE  
COMMENCING THE WORK.

#### CIVIL DRAWING INDEX:

|       |                                           |
|-------|-------------------------------------------|
| C1.00 | EXISTING CONDITIONS PLAN                  |
| C1.01 | SEDIMENTATION AND EROSION CONTROL PLAN    |
| C1.02 | SITE PLAN                                 |
| C1.03 | GRADING PLAN                              |
| C1.04 | UTILITY PLAN                              |
| C1.05 | CIRCULATION PLAN                          |
| C1.06 | SEDIMENTATION AND EROSION CONTROL DETAILS |
| C1.07 | STORM FILTER PLAN AND DETAILS             |
| C1.08 | STORM WATER MANAGEMENT PLAN               |
| C1.09 | DEMOLITION PLAN                           |
| C1.10 | SITE DETAILS                              |

**DCPCA - PARKSIDE HEALTH CENTER**  
PARKSIDE DEVELOPMENT, WASHINGTON DC

## EXISTING CONDITIONS PLAN

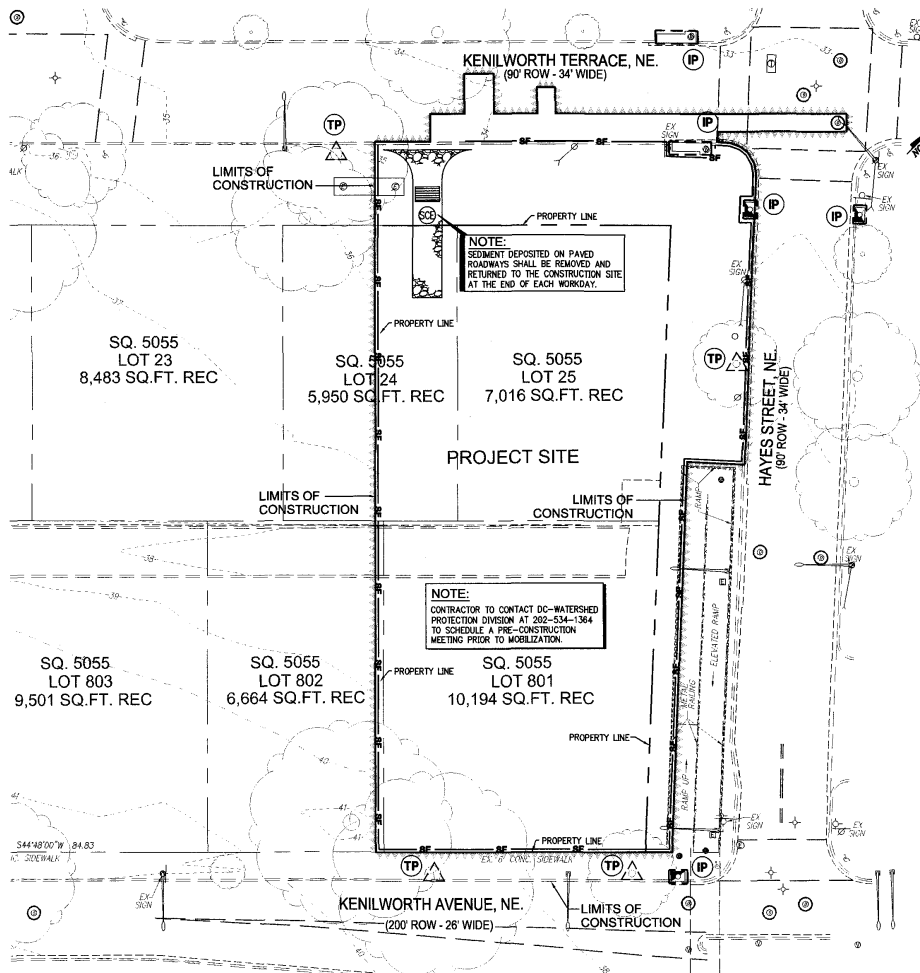


**WILES MENSCH CORPORATION**  
Planning, Engineering, Surveying & Landscape Architecture  
11860 Sunrise Valley Drive Suite 200 Reston, Virginia 20191  
(T) 703.391.7600 (F) 703.264.0595 www.wilesmensch.com

C1.00 13 DECEMBER 2010

**LITTLE**  
DIVERSIFIED ARCHITECTURAL CONSULTING

District of Columbia  
Primary Care Association



THIS SHEET IS FOR SEDIMENTATION AND EROSION CONTROL PURPOSES ONLY!!!

#### CONSTRUCTION AND STABILIZATION SEQUENCE:

1. INSTALL SEDIMENT AND EROSION CONTROL MEASURES INCLUDING STABILIZED CONSTRUCTION ENTRANCE, WASH RACK, INLET PROTECTION, SILT FENCE, STRAW BALE DIKE, AS INDICATED ON THIS SHEET. SEE SHEET C1.06 FOR SEDIMENTATION AND EROSION CONTROL DETAILS.
2. SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE INSPECTOR PRIOR TO COMMENCING ANY OTHER LAND DISTURBING ACTIVITIES.
3. REMOVE ITEMS AS INDICATED ON DEMOLITION PLAN.
4. INSTALL SITE IMPROVEMENTS AS INDICATED ON CONSTRUCTION DOCUMENTS FOR THE PROPOSED BUILDING.
5. AT THE COMPLETION OF CONSTRUCTION AND AFTER THE INSPECTOR'S APPROVAL, ALL TEMPORARY SALUTATION, SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE REMOVED.

#### DUST CONTROL NOTES:

1. THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE PROJECT SITE AS TO MINIMIZE THE CREATION AND DISPERSION OF DUST. DUST CONTROL SHALL BE USED THROUGHOUT THE WORK AT THE SITE.
2. THE CONTRACTOR MUST PROVIDE CLEAN WATER, FREE FROM SALT, OIL AND OTHER DELETERIOUS MATERIAL TO BE USED FOR ON-SITE DUST CONTROL.
3. THE CONTRACTOR SHALL SUPPLY WATER SPRAYING EQUIPMENT CAPABLE OF ACCESSING ALL WORK AREAS.
4. THE CONTRACTOR SHALL IMPLEMENT STRICT DUST CONTROL MEASURES DURING ACTIVE CONSTRUCTION PERIODS ON-SITE. THESE CONTROL MEASURES WILL GENERALLY CONSIST OF WATER APPLICATIONS THAT SHALL BE APPLIED A MINIMUM OF ONCE PER DAY DURING DRY WEATHER OR MORE OFTEN AS REQUIRED TO PREVENT DUST EMISSIONS.
5. FOR WATER APPLICATION TO UNDISTURBED SOIL SURFACES, THE CONTRACTOR SHALL:
  - A. APPLY WATER WITH EQUIPMENT CONSISTING OF TANK, SPRAY BAR, PUMP WITH DISCHARGE PRESSURE GAUGE;
  - B. ARRANGE SPRAY BAR HEIGHT, NOZZLE SPACING AND SPRAY PATTERN TO PROVIDE COMPLETE COVERAGE OF GROUND WITH WATER;
  - C. DISPERSE WATER THROUGH NOZZLES ON SPRAY BAR AT 20 PSI (137.8 K PA) MINIMUM. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
6. FOR WATER APPLICATION TO SOIL SURFACES DURING DEMOLITION AND/OR EXCAVATION, THE CONTRACTOR SHALL:
  - A. APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES;
  - B. LOCATE TANK AND SPRAYING EQUIPMENT SO THAT THE ENTIRE EXCAVATION AREA CAN BE MISTED WITHOUT INTERFERING WITH DEMOLITION AND/OR EXCAVATION EQUIPMENT OR OPERATIONS. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
  - C. APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND SITE BOUNDARIES.

#### SEDIMENTATION AND EROSION CONTROL NOTE:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN OF SHEETING AND SHORING AND SUPPORT OF EXISTING UTILITIES AND ADJACENT STRUCTURES. SHORING, BRACING, AND UNDERPINNING DESIGNED BY THE CONTRACTOR'S STRUCTURAL ENGINEER LICENSED IN THE DISTRICT OF COLUMBIA SHALL BE PROVIDED AS NECESSARY TO ENSURE THEIR SUPPORT.
2. PROVIDE SILT FENCE AT PERIMETER OF EXCAVATION AREA TO REMAIN IN PLACE UNTIL BELOW GRADE EXCAVATION HAS BEGUN UNLESS OTHERWISE APPROVED BY THE INSPECTOR.
3. PROVIDE CONSTRUCTION FENCE AT PERIMETER OF EXCAVATION AREA TO REMAIN IN PLACE UNLESS OTHERWISE APPROVED BY THE INSPECTOR.
4. CONTRACTOR TO PROVIDE ON SITE APPROVED STAMPED AND SIGNED SEDIMENTATION AND EROSION CONTROL DRAWINGS BY DEPARTMENT OF THE ENVIRONMENT, WATERSHED PROTECTION DIVISION.
5. THE APPLICANT MUST NOTIFY THE DEPARTMENT OF ENVIRONMENT BY PHONE (202-535-2240) AT LEAST 24 HOURS PRIOR TO THE START OF GRADING ACTIVITY AND WITHIN (2) WEEKS AFTER COMPLETION OF PROJECT TO REQUEST INSPECTION. IF THERE IS NEED TO MAKE CHANGES OR MODIFICATIONS IN THE APPROVED DESIGN, DEPARTMENT OF ENVIRONMENT MUST BE NOTIFIED IMMEDIATELY.

#### SEDIMENTATION AND EROSION CONTROL NARRATIVE:

THE SITE IS CURRENTLY LOCATED ON SQUARE 5055, LOT 24, 25, 802 AND 801. BOUNDED BY KENILWORTH TERRACE, NE., HAYES STREET, N.E. AND KENILWORTH AVENUE, NE. WITH AN AREA OF APPROXIMATELY 20,029 SQ. FT. OR 0.46 ACRES. NEW DEVELOPMENT IS THE CONSTRUCTION OF A DC PRIMARY CARE BUILDING WITH BELOW GRADE PARKING. SITE DEVELOPMENT INCLUDED A DOMESTIC AND FIRE SERVICES, SANITARY AND STORM SEWERS, GAS SERVICE, TELEPHONE AND ELECTRICAL SERVICE. A STORM FILTER, GREEN ROOF AS A BEST MANAGEMENT PRACTICE, NEW CONCRETE SIDEWALK AND DRIVEWAY ENTRANCE FRONTING KENILWORTH TERRACE NE.

#### SITE AREA:

20,029 SQ.FT. OR 0.46 AC. (LOT 24, 25, 802 AND 801)  
17,024 SQ.FT. OR 0.39 AC. (BUILDING FOOTPRINT)  
20,029 SQ.FT. OR 0.46 AC. (PARKING AREAS)

#### LIMIT OF DISTURBANCE:

28,775 SQ.FT. OR 0.661 AC.

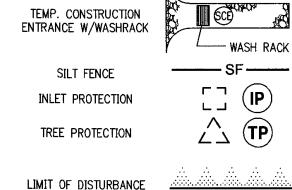
#### TOTAL VOLUME OF CUT/EXCAVATION:

TOTAL AREA OF EXCAVATION: 20,029 SQ.FT. OR 0.46 AC.  
VOLUME OF CUT =  $\frac{20,029 \text{ SQ.FT. (AREA)} \times 20' \text{ (DEPTH)}}{27}$

**TOTAL VOLUME EXCAVATION= 14,836 CY +/-**

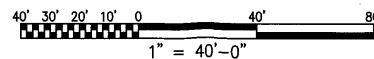
**VOLUME OF FILL:** 0.00 CY

#### LEGEND:



**DCPCA - PARKSIDE HEALTH CENTER**  
PARKSIDE DEVELOPMENT, WASHINGTON DC

## SEDIMENTATION AND EROSION CONTROL PLAN

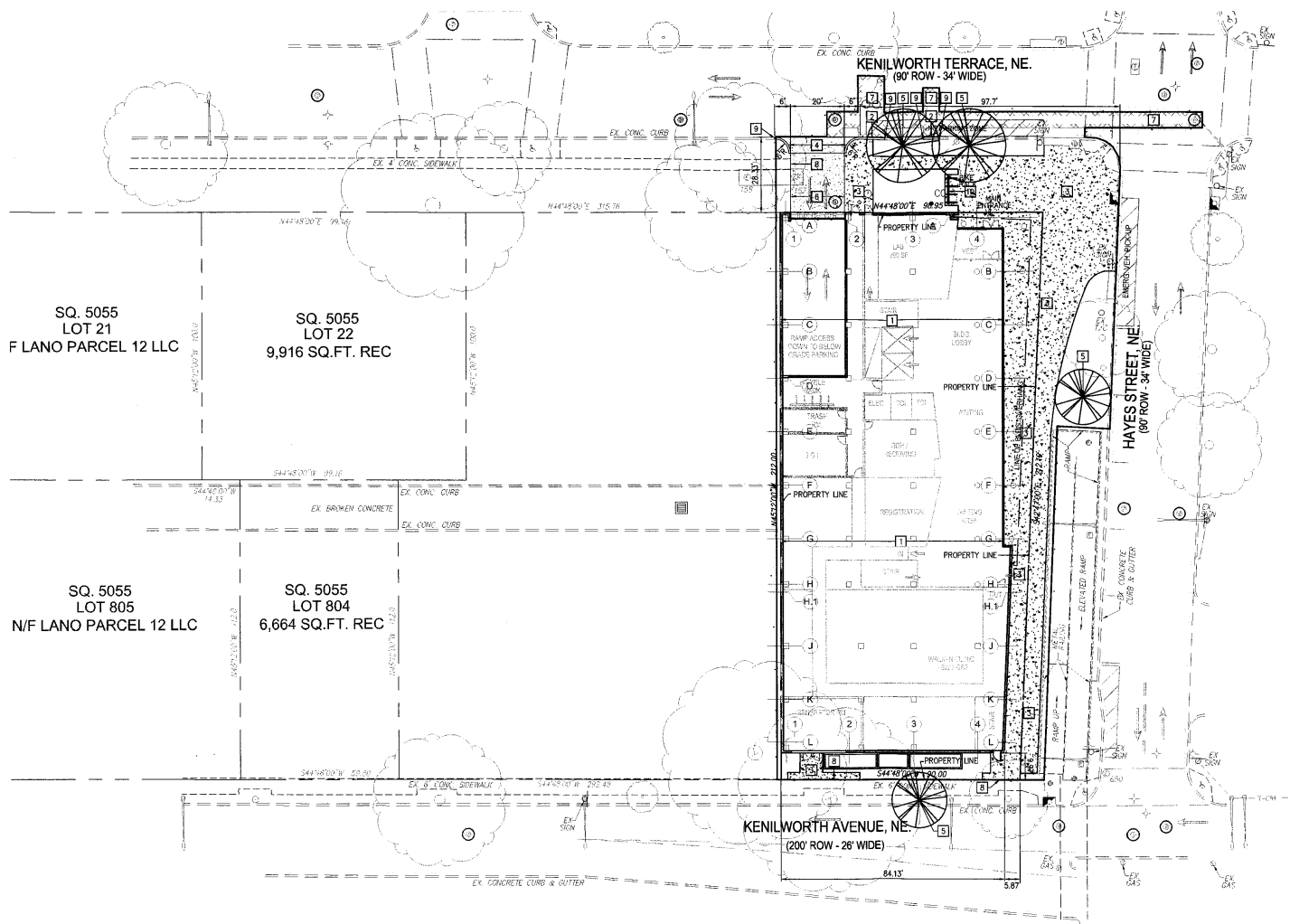


**WILES MENSCH CORPORATION**  
Planning, Engineering, Surveying & Landscape Architecture  
11860 Sunrise Valley Drive Suite 200 Reston, Virginia 20191  
(T) 703.391.7600 (F) 703.264.0595 www.wilesmensch.com

C1.01 13 DECEMBER 2010

**LITTLE**  
DIVERSIFIED ARCHITECTURAL CONSULTING

District of Columbia  
Primary Care Association



#### SITE KEYNOTES:

- 1 NEW BUILDING. REFER TO ARCHITECTURAL DRAWING FOR DETAILS.
- 2 NEW CONCRETE CURB PER DC/DDOT STANDARDS AND SPECIFICATIONS. REFER TO SHEET C1.10 FOR DETAILS.
- 3 NEW CONCRETE SIDEWALK PER DDOT STANDARDS AND SPECIFICATIONS.
- 4 NEW CONCRETE DRIVEWAY ENTRANCE PER DC/DDOT STANDARDS AND SPECIFICATIONS.
- 5 NEW STREET TREE PER DC/DDOT URBAN FORESTRY ADMINISTRATION STANDARDS AND SPECIFICATIONS.
- 6 NEW CONCRETE PAVEMENT APRON PER DDOT STANDARDS AND SPECIFICATIONS.
- 7 NEW ASPHALT PAVEMENT (FULL DEPTH) PER DC/DDOT STANDARDS REFER TO SHEET C1.10 FOR DETAILS.
- 8 LIMIT OF NEW CONCRETE SIDEWALK TO MATCH IN LINE AND ON GRADE.
- 9 LIMIT OF NEW CONCRETE CURB AND GUTTER TO MATCH IN LINE AND ON GRADE.
- 10 NEW BICYCLE RACK. REFER TO ARCHITECTURAL DRAWING FOR DETAILS.

#### LEGEND:

- NEW ASPHALT PAVEMENT (FULL DEPTH) 
- NEW CONCRETE PAVEMENT (SURFACE COURSE) 

NOTE: REFER TO CIRCULATION PLAN ON SHEET C1.05 FOR PAVEMENT MARKINGS ADJACENT TO THE PROPOSED BUILDING ON KENILWORTH TERRACE AND HAYES STREET.

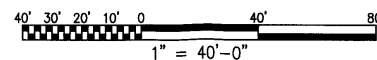
## DCPCA - PARKSIDE HEALTH CENTER

PARKSIDE DEVELOPMENT, WASHINGTON DC

## SITE PLAN

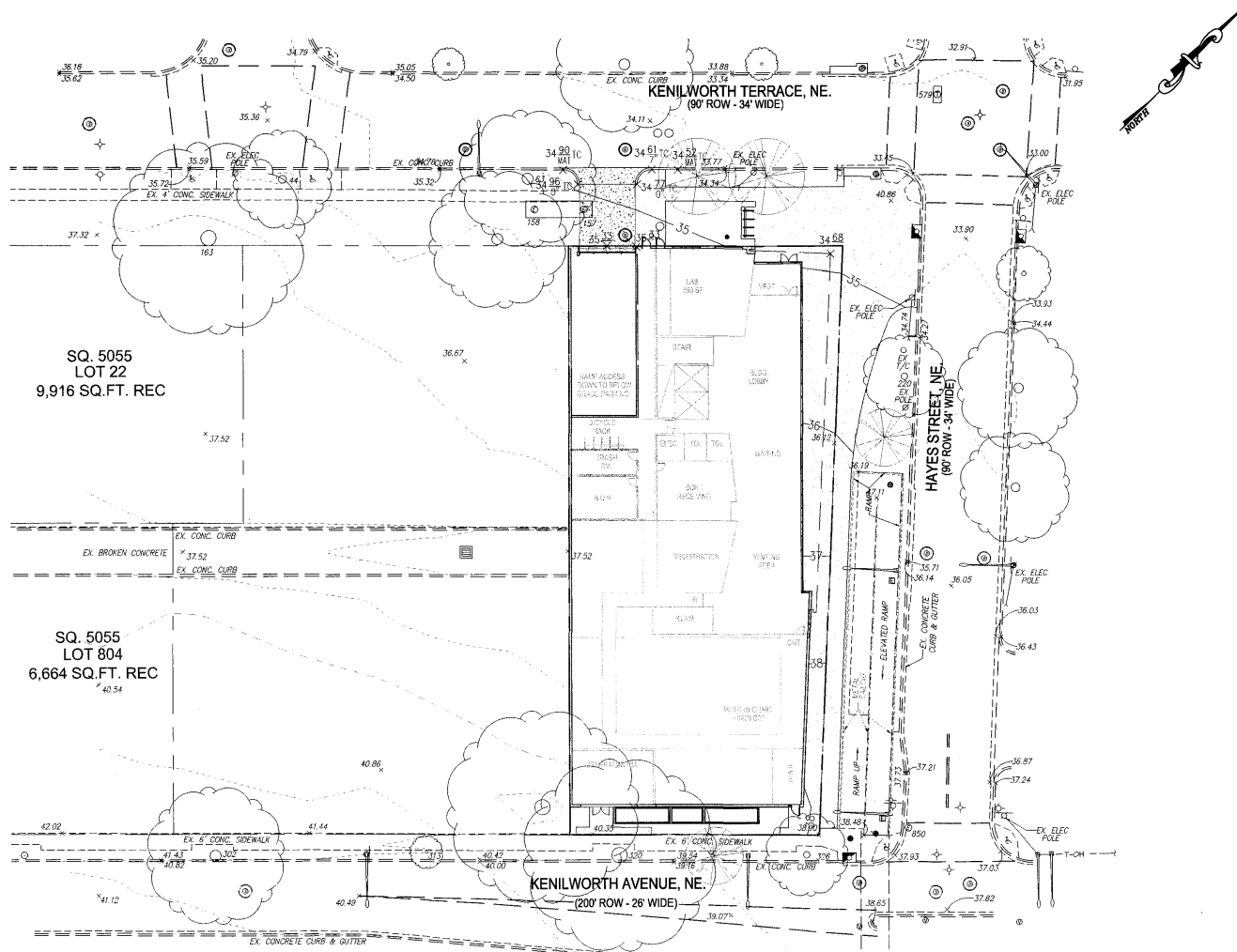
C1.02 13 DECEMBER 2010

District of Columbia  
Primary Care Association



**WILES MENSCH CORPORATION**  
Planning, Engineering, Surveying & Landscape Architecture  
11860 Sunrise Valley Drive Suite 200 Reston, Virginia 20191  
(T) 703.391.7600 (F) 703.284.0595 www.wilesmensch.com

**LITTLE**  
DIVERSIFIED ARCHITECTURAL CONSULTING



SQ. 5055  
LOT 22  
9,916 SQ.FT. REC

SQ. 5055  
LOT 804  
6,664 SQ.FT. REC

| EXISTING | LEGEND                          | BY OTHERS                                                          | PROPOSED                        |
|----------|---------------------------------|--------------------------------------------------------------------|---------------------------------|
| 303.25   | SPOT ELEVATIONS                 | +03.25                                                             | 03.25                           |
| AS-BUILT | SPOT ELEVATIONS (WITH NOTATION) | BY OTHERS: DESIGN INFORMATION FROM PLANS OTHER THAN THIS CONTRACT. | 03.25 TC                        |
| [03.25]  |                                 |                                                                    | UP DATED (DUE TO AS-BUILT)      |
|          |                                 |                                                                    | <03.25>                         |
|          |                                 |                                                                    | HUNDREDS PLACE TRUNCATED        |
|          |                                 |                                                                    | NOTATION & REVEAL               |
|          |                                 |                                                                    | BC: BOTTOM OF CURB              |
|          |                                 |                                                                    | CRN: CROWN                      |
|          |                                 |                                                                    | GB: GRADE BREAK                 |
|          |                                 |                                                                    | INV: INVERT                     |
|          |                                 |                                                                    | MAT: MATCH (EXISTING CONDITION) |
|          |                                 |                                                                    | LP: LOW POINT                   |
|          |                                 |                                                                    | TC: TOP OF CURB                 |

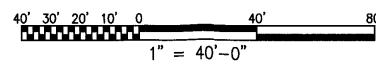
## DCPCA - PARKSIDE HEALTH CENTER

PARKSIDE DEVELOPMENT, WASHINGTON DC

## GRADING PLAN

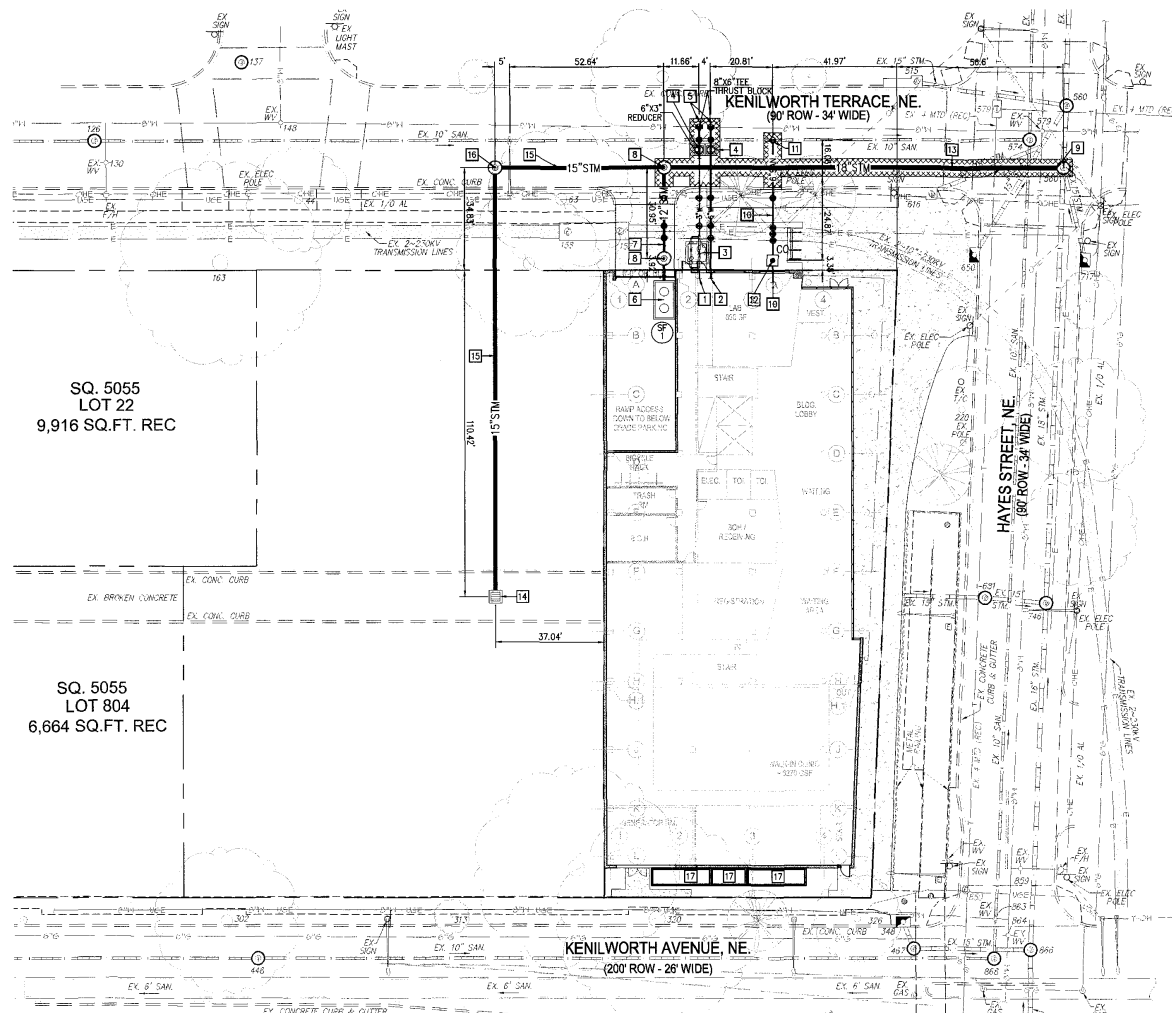
C1.03 13 DECEMBER 2010

District of Columbia  
Primary Care Association



**WILES MENSCH CORPORATION**  
Planning, Engineering, Surveying & Landscape Architecture  
11860 Sunrise Valley Drive Suite 200 Reston, Virginia 20191  
(T) 703.391.7600 (F) 703.264.0595 www.wilesmensch.com

**LITTLE**  
DIVERSIFIED ARCHITECTURAL CONSULTING



#### UTILITY KEYNOTES:

- 1 NEW 3" DIP CLASS 52 DOMESTIC WATER SERVICE LATERAL. BACKFLOW PREVENTER VALVE TO MEET ASSE-1015.
- 2 NEW 6" DIP CLASS 52 FIRE SERVICE LATERAL. BACKFLOW PREVENTER VALVE TO MEET ASSE-1048.
- 3 NEW 72"x72"x72" I.D. METER VAULT PER DC/WASA STANDARDS AND SPECIFICATIONS. REFER TO DC/WASA STANDARD DRAWING DG-23.01.
- 4 NEW 6" WATER VALVE WITH 4.0' CASING PER DC/WASA STANDARDS AND SPECIFICATIONS. REFER TO DC/WASA STANDARD DRAWING W-20.01.
- 5 NEW CONCRETE THRUST BLOCK PER DC/WASA STANDARDS AND SPECIFICATIONS. REFER TO DC/WASA STANDARD DRAWING W-40.01.
- 6 NEW STORM FILTER STRUCTURE. REFER TO SHEET C1.07 FOR DETAILS.
- 7 NEW 12" PVC SCH.40 STORM SEWER.
- 8 NEW MANHOLE PER DC/WASA STANDARDS AND SPECIFICATIONS. REFER TO DC/WASA STANDARD DRAWING NO. S/20.01.
- 9 NEW CONNECTION TO EXISTING MANHOLE PER DC/WASA STANDARDS AND SPECIFICATIONS.
- 10 NEW 6" SDR 35 SANITARY SEWER PER DC/WASA STANDARDS AND SPECIFICATIONS.
- 11 NEW WYE BRANCH CONNECTION PER DC/WASA STANDARDS AND SPECIFICATIONS. REFER TO DC/WASA STANDARD DRAWING S-80.01.
- 12 NEW CLEANOUT. REFER TO DC/WASA STANDARD DRAWINGS S/80.02.
- 13 NEW 18" RCP/S STORM SEWER.
- 14 NEW TEMPORARY FIELD INLET GRATE PER DC/WASA STANDARDS AND SPECIFICATIONS. REFER TO DC/WASA STANDARD DRAWING NO. S/30.30.
- 15 NEW TEMPORARY 15" PVC SCH.40 STORM SEWER.
- 16 NEW TEMPORARY MANHOLE PER DC/WASA STANDARDS AND SPECIFICATIONS. REFER TO DC/WASA STANDARD DRAWING NO. S/20.01.
- 17 NEW POTENTIAL LOCATION OF PEPCO VAULT.

#### NOTE:

UTILITY AND STORM WATER MANAGEMENT DESIGN IS SCHEMATIC IN NATURE. FINAL UTILITY AND STORM WATER MANAGEMENT PROVISIONS TO BE DETERMINED DURING FINAL DESIGN PROCESS.

#### PLUMBING UTILITY INFORMATION:

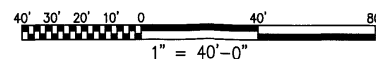
1. SANITARY: (APPROXIMATE)  
PROJECTED AVERAGE FLOW: 275 GPM  
PROJECTED AVERAGE FLOW: 425 GPM
2. DOMESTIC WATER MAIN: (APPROXIMATE)  
PROJECTED PEAK FLOW: 400 GPM

**DCPCA - PARKSIDE HEALTH CENTER**  
PARKSIDE DEVELOPMENT, WASHINGTON DC

## UTILITY PLAN

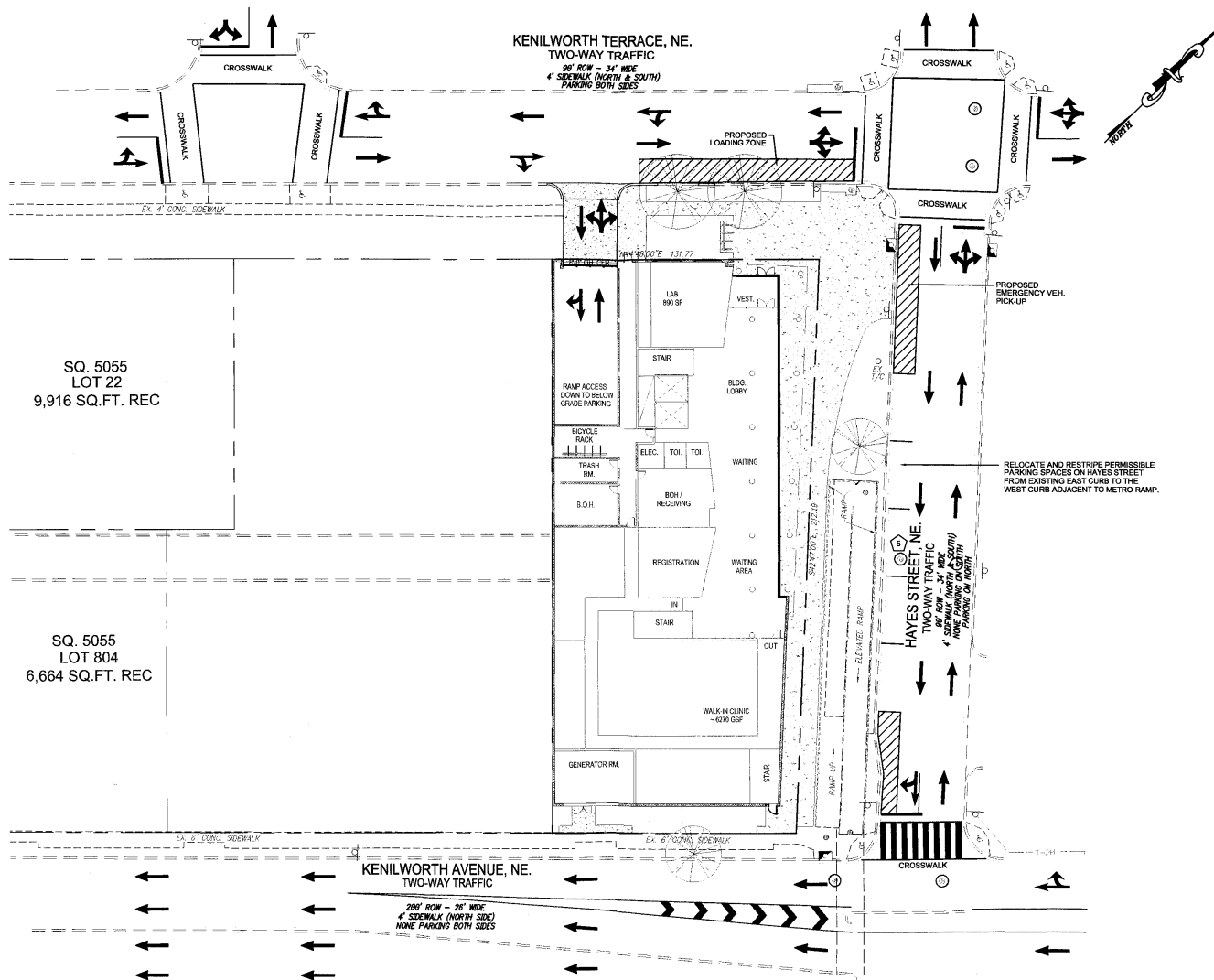
C1.04 13 DECEMBER 2010

District of Columbia  
Primary Care Association



**WILES MENSCH CORPORATION**  
Planning, Engineering, Surveying & Landscape Architecture  
11860 Sunrise Valley Drive Suite 200 Reston, Virginia 20191  
(T) 703.391.7600 (F) 703.264.0595 www.wilesmensch.com

**LITTLE**  
DIVERSIFIED ARCHITECTURAL CONSULTING

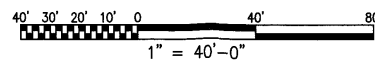


# DCPCA - PARKSIDE HEALTH CENTER PARKSIDE DEVELOPMENT, WASHINGTON DC

## CIRCULATION PLAN

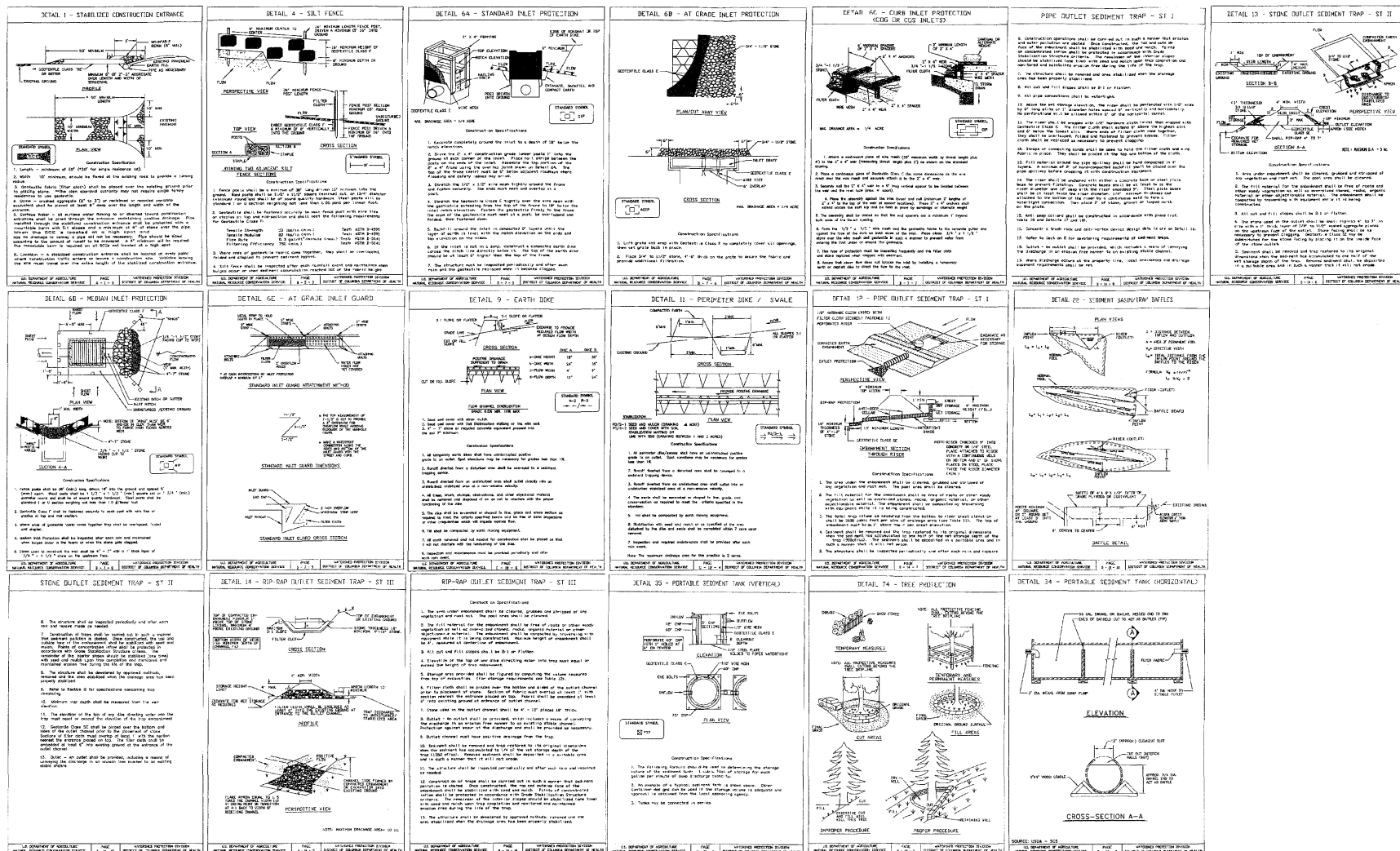
C1.05 13 DECEMBER 2010

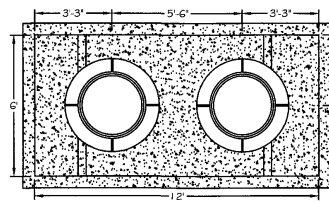
District of Columbia  
Primary Care Association



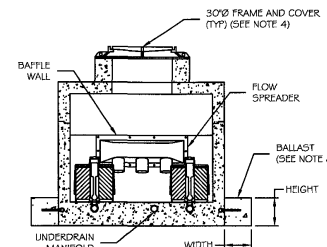
**WILES MENSCH CORPORATION**  
Planning, Engineering, Surveying & Landscape Architecture  
11860 Sunrise Valley Drive Suite 200 Reston, Virginia 20191  
(T) 703.391.7600 (F) 703.284.0595 www.wilesmensch.com

**LITTLE**  
DIVERSIFIED ARCHITECTURAL CONSULTING





6' x 12' STORMFILTER - TOP VIEW (1)  
SCALE: 1" = 5' (2)



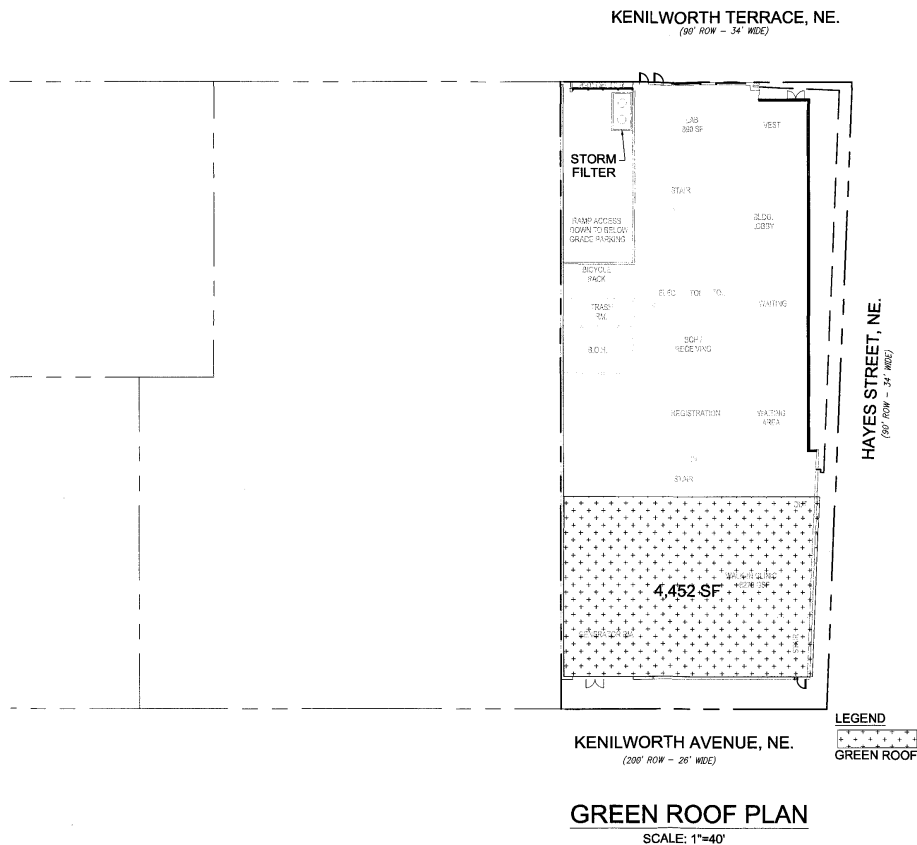
**6' x 12' STORMFILTER - SECTION VIEW**  
SCALE: 1" = 5'

NOTES/SPECIAL REQUIREMENTS:

- 1) STORMWATER BY CONTACT STORMWATER SOLUTIONS; PORTLAND, OR (800) 548-4667; SCARBOROUGH, ME (877) 907-8671 ELKIDGE, MO (660) 740-3133
- 2) FILTER CARTRIDGES TO BE 50PPM-ACTUATED AND SELF-CLEANING. STANDARD DETAILED DRAWING SHOWS MAXIMUM NUMBER OF CARTRIDGES. ACTUAL NUMBER REQUIRED TO BE SPECIFIED ON SITE PLANS OR IN DATA TABLE BELOW.
- 3) STORMWATER SOLUTIONS SHALL BE DESIGNED WITH ASTM C558 TYPE II POLYMER. DETAIL DRAWING REFLECTS DESIGN INTENT ONLY. ACTUAL DIMENSIONS AND CONFIGURATION OF STRUCTURE WILL BE SHOWN ON PRODUCTION SHOP DRAWING.
- 4) STRUCTURE AND ACCESS COVERS TO MEET ASTM H-20 LOAD RATING.
- 5) STORMWATER REQUIREMENTS: 3 FEET OF DROP FROM INLET TO OUTLET. IF LESS DROP IS AVAILABLE, CONTACT CONTECH STORMWATER SOLUTIONS.
- 6) INLET AND OUTLET PIPING TO BE SPECIFIED BY ENGINEER AND PROVIDED BY CONTRACTOR. PRECAST STORMWATER VALVE TO BE PROVIDED BY CONTRACTOR. OPENINGS OR CLOSURES AT INLET AND OUTLET TO BE PROVIDED BY CONTRACTOR.
- 7) PROVIDE MINIMUM CLEARANCE FOR MAINTENANCE ACCESS. IF A SMALLER SYSTEM IS REQUIRED, CONTACT CONTECH STORMWATER SOLUTIONS FOR OTHER OPTIONS.
- 8) ALL EROSION DAMAGE TO BE REPAIRED BY ENGINEER AND PROVIDED BY CONTRACTOR. IF REQUIRED, BALLAST TO BE SET ALONG ENTIRE LENGTH OF BOTH SIDES OF THE STRUCTURE.
- 9) ALL STORMWATERS REQUIRE REGULAR MAINTENANCE. REFER TO OPERATION AND MAINTENANCE GUIDELINES FOR MORE INFORMATION.

OWNERS SHOULD CONTACT THE LOCAL PUBLIC WORKS DEPARTMENT AND INQUIRE ABOUT HOW THE DEPARTMENT DEPOSITS OF THEIR STREET WASTE RESIDUES. SPECIAL STORMWATER SOLUTIONS WILL DETERMINE DISPOSAL METHODS OF RESIDUE OF THE WASTE CONTAINED IN THE CARTRIDGES. IF THE MATERIAL HAS BEEN CONTAMINATED WITH ANY UNUSUAL SUBSTANCE, THE COST OF SPECIAL HANDLING AND DISPOSAL WILL BE THE RESPONSIBILITY OF THE OWNER.

THIS IS TO CERTIFY THAT THE ENGINEERING FEATURES OF THIS STORMWATER DISCHARGE FACILITY HAVE BEEN DESIGNED/EXAMINED BY ME AND FOUND TO BE IN CONFORMITY WITH MODERN ENGINEERING PRINCIPLES APPLICABLE TO THE TREATMENT AND DISPOSAL OF STORMWATER POLLUTANTS. I FURTHER CERTIFY THAT THE FACILITY HAS BEEN DESIGNED IN ACCORDANCE WITH THE SPECIFICATION REQUIRED UNDER SECTION 536 THROUGH 538 OF BOM-2011, CHAPTER 5. IT IS ALSO STATED THAT THE UNDERSIGNED HAS FURNISHED THE APPLICANT WITH A SET OF INSTRUCTIONS FOR MAINTENANCE AND OPERATION OF THE STORMWATER DISCHARGE FACILITY.



**MAINTENANCE AND ESTABLISHMENT PERIOD:**

THE MAINTENANCE OF GREEN ROOFS IS CRITICAL DURING THE FIRST 12 TO 18 MONTHS DURING THE PLANT ESTABLISHMENT PERIOD. THIS ESTABLISHMENT PERIOD IS MINIMAL FOR MODULAR AND MAT SYSTEMS, WHICH ARE GROWN PRIOR TO INSTALLATION. GREEN ROOFS ARE CONSIDERED ESTABLISHED WHEN THEY HAVE REACHED 80% COVERAGE, AROUND A 3-YEAR GROWTH PERIOD.

DURING THE ESTABLISHMENT PERIOD HAND WEEDING SHOULD OCCUR ON A QUARTERLY TO BI-MONTHLY BASIS UNTIL ESTABLISHED AND TWICE EVERY YEAR FOLLOWING, BASED ON SEED GERMINATION RATES AND SEASONAL CIRCUMSTANCES OF THE PROJECT AREA. IF WEED GERMINATION RATE IS HIGH IN THE PROJECT AREA, THE USE OF PRE-EMERGENT HERBICIDES MAY BE APPLIED WITH THE CONSULTATION OF THE HORTICULTURIST. IF WEEDS GERMINATION OF THE AREA IS CRUCIAL IN THIS CIRCUMSTANCE. ONCE ESTABLISHED, REGULAR PLANT INSPECTION OF THE GREEN ROOF SHOULD OCCUR AT LEAST TWICE PER YEAR TO MONITOR WEED GROWTH AND GENERAL UPKEEP.

IF AREAS OF GREEN ROOF DO NOT ESTABLISH OR DIE BACK, THE PLANT SELECTION SHOULD BE REVIEWED AND SUBSTITUTED FOR THE SPECIES THAT ARE CURRENTLY THRIVING IN THE MIX. SOIL AND WATER RETENTION LEVELS SHOULD ALSO BE EVALUATED AS POTENTIAL REASONS FOR VEGETATIVE DIEBACK.

**MAINTENANCE: FERTILIZATIONS:**

GREEN ROOF FERTILIZATION OCCURS DURING THE ESTABLISHMENT PERIOD, STARTING ONE YEAR POST-INSTALLATION ON A YEARLY BASIS. CONSULT WITH HORTICULTURIST ON THE USE OF SLOW-RELEASE FERTILIZERS, SIMILAR TO A 14-14-14 NUTRIENT FEED, DEPENDING ON THE OVERALL HEALTH OF THE INSTALLED GREEN ROOF. AFTER FIVE YEARS OF ESTABLISHMENT AND GROWTH THE GREEN ROOF SHOULD BE ASSESSED. THE ASSESSMENT WILL DETERMINE IF FEEDING SHOULD DECREASED OR DISCONTINUED. CONTINUED ANNUAL MONITORING WILL DETERMINE IF ADDITIONAL FEEDING SHOULD OCCUR.

**GREEN ROOF AREA:**  
4,452 SF 0.1022 AC.

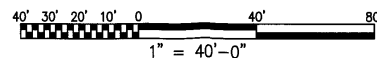
**NOTE**

UTILITY AND STORMWATER MANAGEMENT DESIGN IS SCHEMATIC IN NATURE. FINAL UTILITY AND STORMWATER MANAGEMENT PROVISIONS TO BE DETERMINED DURING FINAL DESIGN PROCESS.

**DCPCA - PARKSIDE HEALTH CENTER**  
PARKSIDE DEVELOPMENT, WASHINGTON DC

District of Columbia  
Primary Care Association

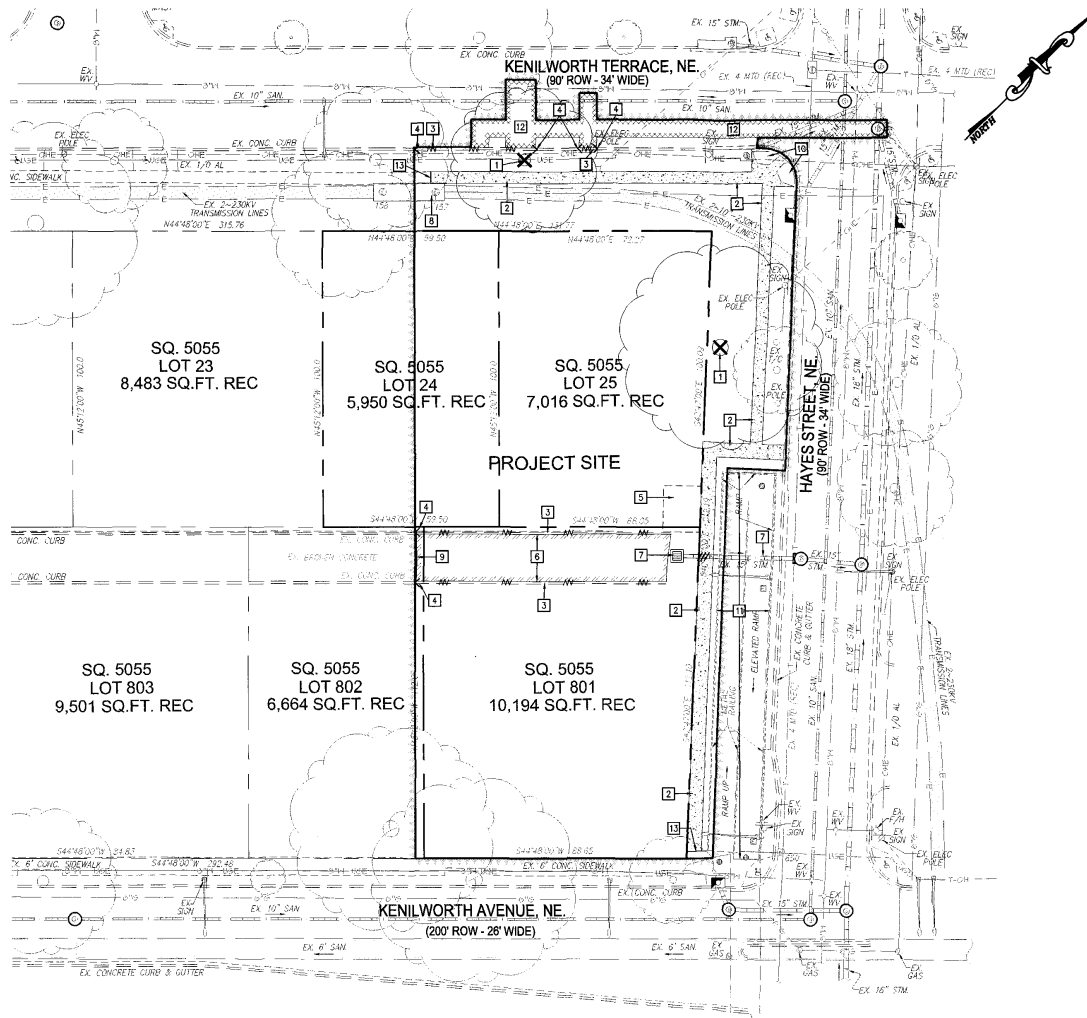
**STORM WATER MANAGEMENT  
PLAN**



**WILES  
MENSCH  
CORPORATION**  
Planning, Engineering, Surveying & Landscape Architecture  
11860 Sunrise Valley Drive Suite 200 Reston, Virginia 20191  
(T) 703.391.7600 (F) 703.264.0595 www.wilesmensch.com

C1.08 13 DECEMBER 2010

**LITTLE**  
DIVERSIFIED ARCHITECTURAL CONSULTING



#### DEMOLITION KEYNOTES:

- 1 EXISTING TREE TO BE REMOVED. COORDINATE REQUIREMENTS WITH LANDSCAPE DRAWINGS AND DC URBAN FORESTRY ADMINISTRATOR.
- 2 EXISTING CONCRETE SIDEWALK TO BE REMOVED.
- 3 EXISTING CONCRETE CURB TO BE REMOVED.
- 4 LIMIT OF EXISTING CONCRETE CURB TO BE REMOVED.
- 5 EXISTING PAVEMENT TO BE REMOVED.
- 6 EXISTING CONCRETE PAVEMENT (FULL DEPTH) TO BE REMOVED.
- 7 EXISTING STORM DRAIN AND RELATED APPURTENANCES TO BE REMOVED TO FACILITATE CONSTRUCTION OF NEW BUILDING. EXISTING LATERAL TO BE CAPPED AND ABANDONED AT MANHOLE PER DC WATER STANDARDS AND SPECIFICATIONS. COORDINATE REQUIREMENTS WITH DC WATER UTILITY INSPECTOR.
- 8 EXISTING PEPCO VAULT TOP AND MANHOLE TO BE ADJUSTED TO MATCH PROPOSED GRADES. COORDINATE REQUIREMENTS WITH PEPCO.
- 9 LIMIT OF EXISTING CONCRETE PAVEMENT (FULL DEPTH) TO BE REMOVED.
- 10 EXISTING HANDICAP RAMP TO REMAIN.
- 11 EXISTING ELEVATED RAMP TO REMAIN.
- 12 EXISTING ASPHALT PAVEMENT (FULL DEPTH) TO BE REMOVED.
- 13 LIMIT OF EXISTING SIDEWALK TO BE REMOVED.

#### DEMOLITION LEGEND: PROPOSED

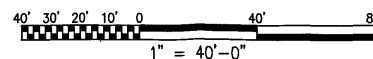
- ASPHALT PAVEMENT DEMOLITION (FULL DEPTH)
- CONCRETE PAVEMENT DEMOLITION (FULL DEPTH)
- CONCRETE SIDEWALK DEMOLITION
- DEMOLITION KEY-NOTE
- TERMINATE DEMOLITION
- CAPPED UTILITY
- ITEM DEMOLITION

**DCPCA - PARKSIDE HEALTH CENTER**  
PARKSIDE DEVELOPMENT, WASHINGTON DC

## DEMOLITION PLAN

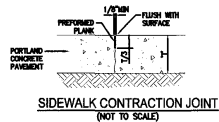
C1.09 13 DECEMBER 2010

District of Columbia  
Primary Care Association

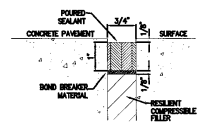


**WILES MENSCH CORPORATION**  
Planning, Engineering, Surveying & Landscape Architecture  
11860 Sunrise Valley Drive Suite 200 Reston, Virginia 20191  
(T) 703.391.7600 (F) 703.264.0595 www.wilesmensch.com

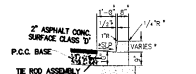
**LITTLE**  
DIVERSIFIED ARCHITECTURAL CONSULTING



**SIDEWALK CONTRACTION JOINT**  
(NOT TO SCALE)



**SIDEWALK EXPANSION JOINT DETAIL**  
(NOT TO SCALE)



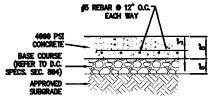
**CONCRETE CURB AND GUTTER**  
(NOT TO SCALE)



NOTE: ASPHALT AND SOIL BASE MATERIALS SHALL CONFORM TO THE REFERENCED PARAGRAPHS AND TABLES OF THE DC DEPARTMENT OF HIGHWAYS AND TRAFFIC STANDARDS AND SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES LATEST EDITION AND SUPPLEMENTS.

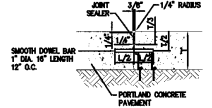
| RECOMMENDED PAVEMENT SECTIONS |     |
|-------------------------------|-----|
| RECOMMENDED PAVEMENT SECTIONS |     |
| RECOMMENDED PAVEMENT SECTIONS | 1.5 |
| RECOMMENDED PAVEMENT SECTIONS | 2.5 |
| RECOMMENDED PAVEMENT SECTIONS | 3.5 |

**NEW ASPHALT PAVEMENT**  
(NOT TO SCALE)

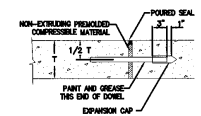


1. REFER TO SITE PLAN FOR JOINT LOCATIONS.
2. PROVIDE EXPANSION JOINTS ALONG FACE OF BUILDINGS, WHERE NEW CONCRETE PAVEMENT MEETS EXISTING ROAD OBJECTS AND AS SHOWN ON THE SITE PLAN.
3. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL FILL REQUIREMENTS.

**TYPICAL CONCRETE PAVEMENT DETAIL FOR DRIVEWAY APRON**  
(NOT TO SCALE)



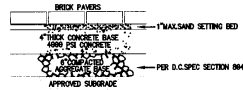
**CONTRACTION JOINT WITH LOAD TRANSFER FOR CONCRETE DRIVEWAY APRON**  
(NOT TO SCALE)



1. ALL FORMED JOINTS SHALL BE FINISHED WITH 1/4" RADIUS.
2. SIZE AND SPACING OF DOWELS IN TRANSITION SECTION SHALL BE DETERMINED BY THICKNESS OF SLAB.

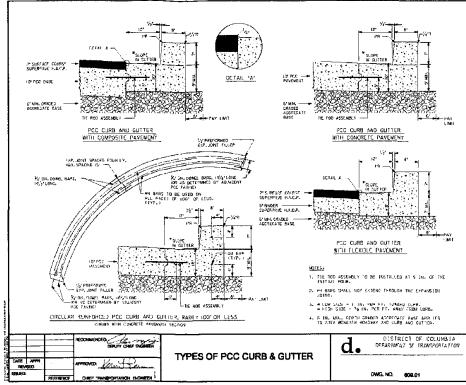
| THICKNESS OF SLAB | DIAMETER | LENGTH | SPACING |
|-------------------|----------|--------|---------|
| 1"                | 1"       | 12"    |         |
| 1"                | 1"       | 12"    |         |
| 1"                | 1"       | 12"    |         |

**DOWELED TRANSVERSE EXPANSION JOINT FOR CONCRETE DRIVEWAY APRON**  
(NOT TO SCALE)



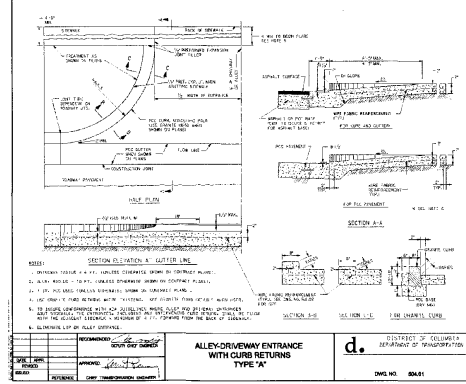
1. REFER TO ARCHITECTURAL/LANDSCAPE DRAWINGS AND SPECIFICATIONS FOR DETAILS OF PAVERS AND SETTING BED.
2. BRICK PAVERS ON SUBGRADE MATERIAL (NON VEHICLE LOADED)

**BRICK PAVERS ON SUBGRADE MATERIAL (NON VEHICLE LOADED)**  
(NOT TO SCALE)



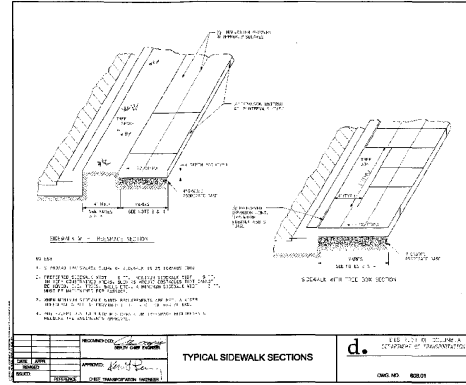
**TYPES OF PCC CURB & GUTTER**

CONTRACT OF COLUMBIA DEPARTMENT OF TRANSPORTATION  
DWG. NO. 8001



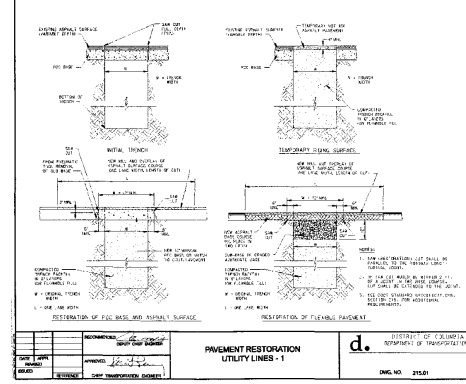
**ALLEY-DRIVEWAY ENTRANCE WITH CURB RETURNS TYPE 'A'**

CONTRACT OF COLUMBIA DEPARTMENT OF TRANSPORTATION  
DWG. NO. 8001



**TYPICAL SIDEWALK SECTIONS**

CONTRACT OF COLUMBIA DEPARTMENT OF TRANSPORTATION  
DWG. NO. 8001



**PAVEMENT RESTORATION UTILITY LINES**

CONTRACT OF COLUMBIA DEPARTMENT OF TRANSPORTATION  
DWG. NO. 8001