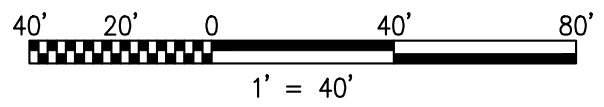
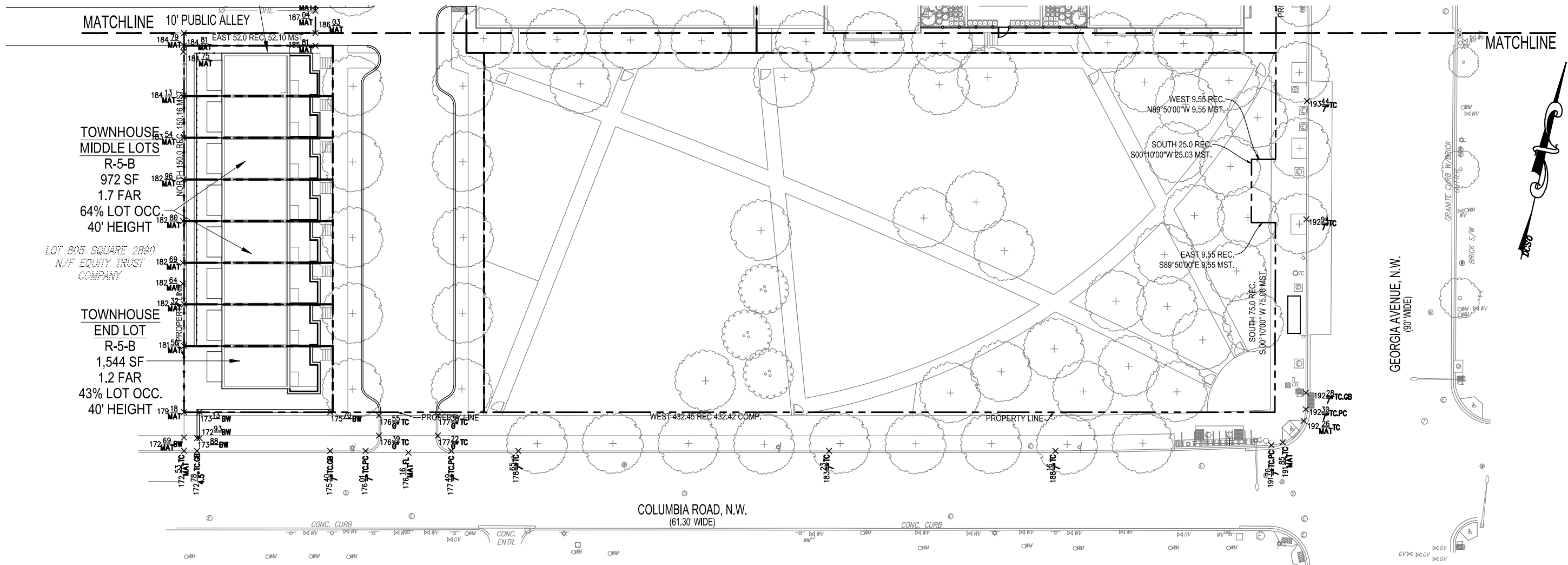


EXISTING	LEGEND	BY OTHERS	PROPOSED	
303.25	SPOT ELEVATIONS	*03.25	03.25	HUNDREDS PLACE TRUNCATED
AS-BUILT [03.25]	SPOT ELEVATIONS (WITH NOTATION)	BY OTHERS: DESIGN INFORMATION FROM PLANS OTHER THAN THIS CONTRACT.	03.25 TC	NOTATION & REVEAL
			UP DATED (DUE TO AS-BUILT)	BC: BOTTOM OF CURB
			<03.25>	CRN: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



"PUBLIC PARK AND ADJACENT PUBLIC SPACE TO BE DEVELOPED SEPARATELY IN COORDINATION WITH DMPED, OTHER APPLICABLE DISTRICT AGENCIES, THE ANC AND OTHER COMMUNITY STAKEHOLDERS"





LOT 805 SQUARE 2890
N/F EQUITY TRUST
COMPANY

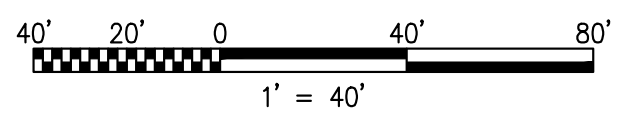
TOWNHOUSE
MIDDLE LOTS
R-5-B
972 SF
1.7 FAR
64% LOT OCC
40' HEIGHT

TOWNHOUSE
END LOT
R-5-B
1,544 SF
1.2 FAR
43% LOT OCC
40' HEIGHT

COLUMBIA ROAD, N.W.
(61.30' WIDE)

GEORGIA AVENUE, N.W.
(90' WIDE)

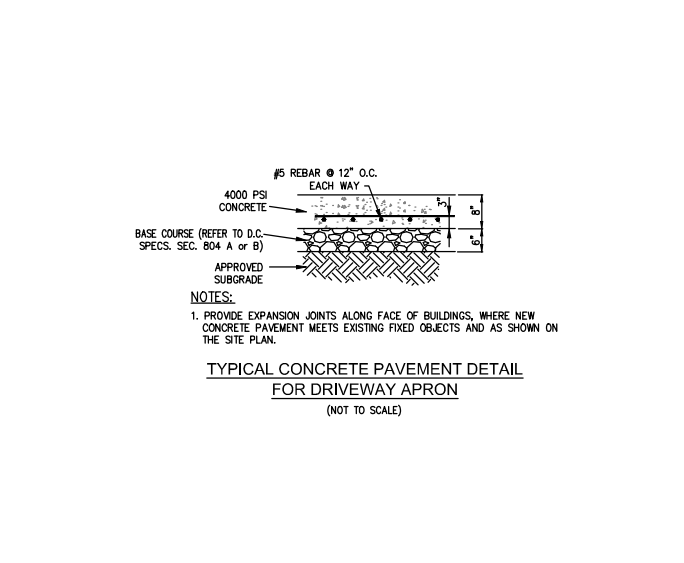
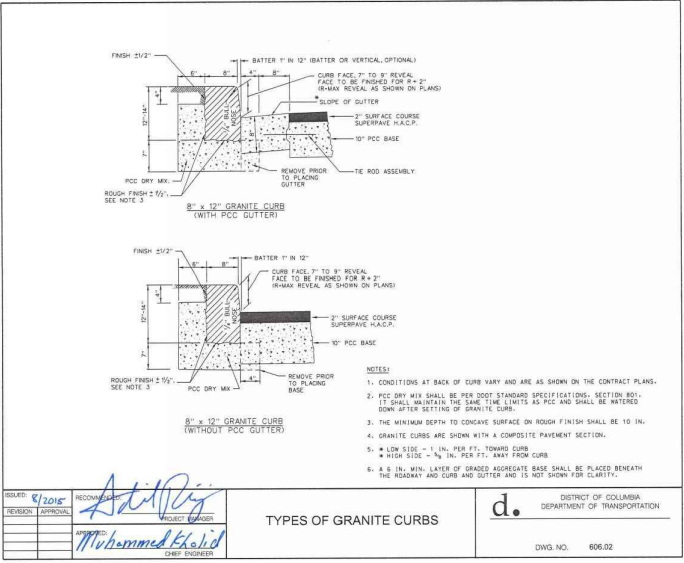
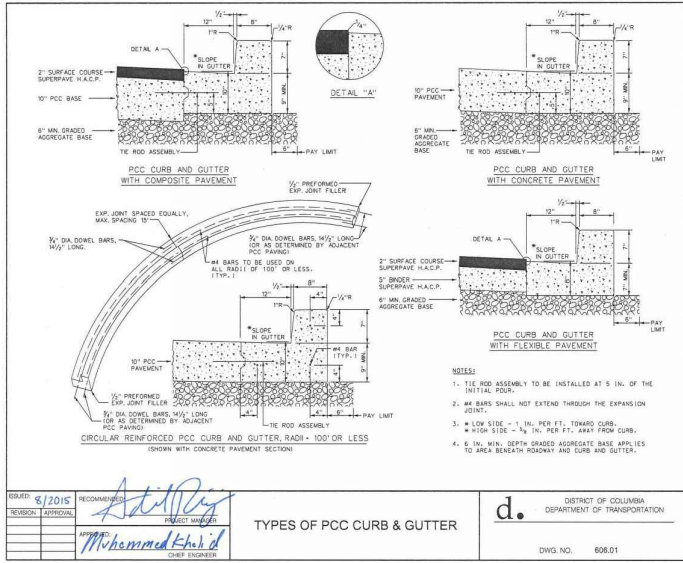
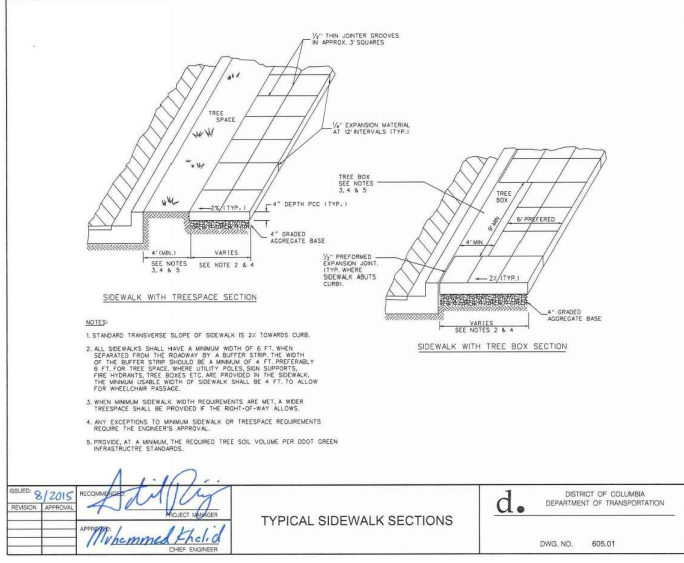
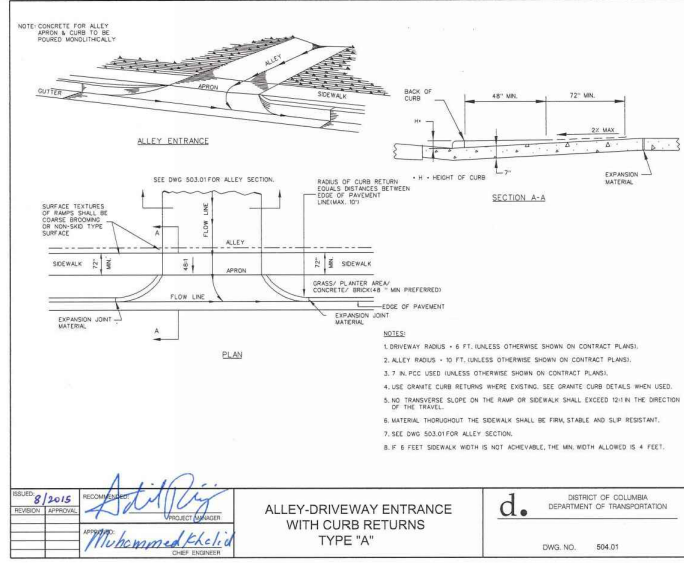
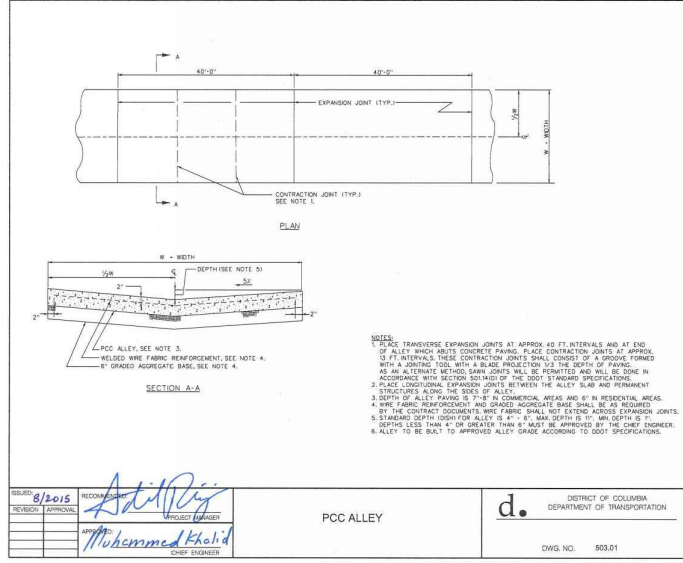
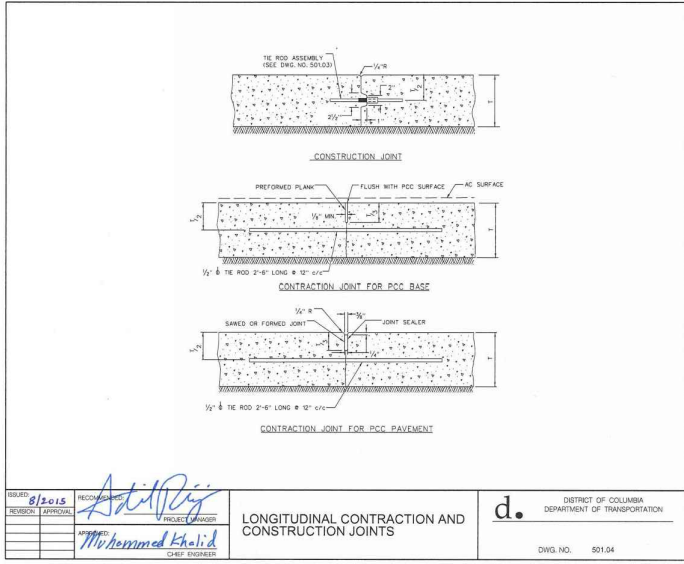
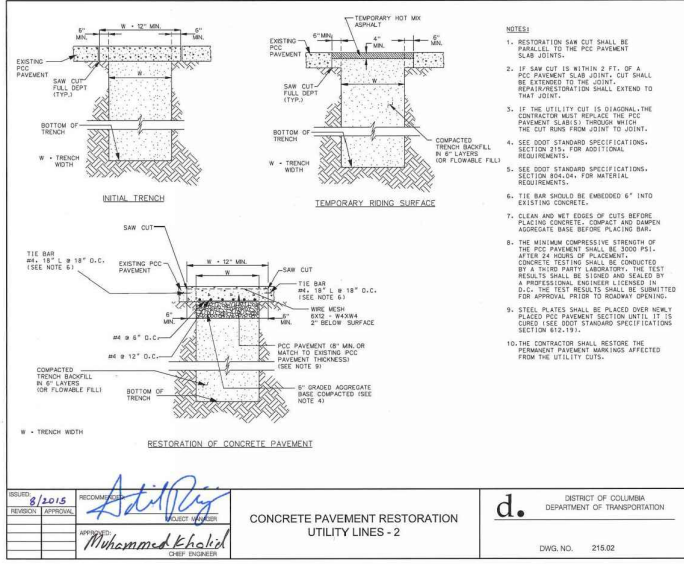
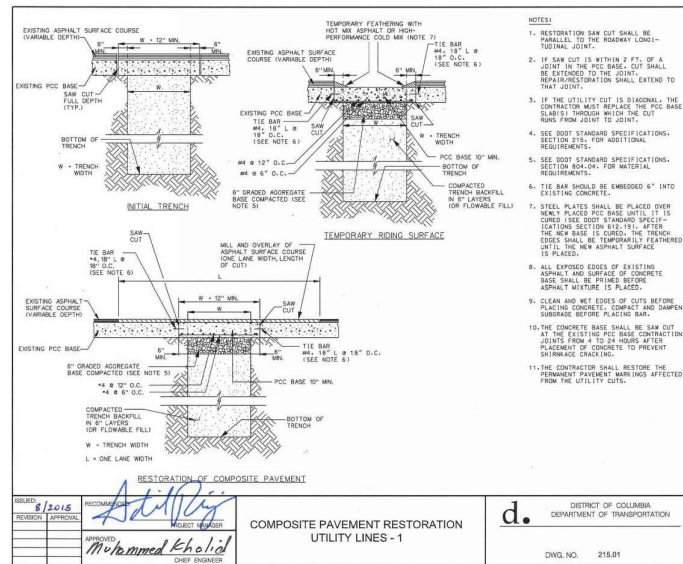
EXISTING	LEGEND	BY OTHERS	PROPOSED
303.25	SPOT ELEVATIONS	*03.25	03.25 HUNDREDS PLACE TRUNCATED
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PAR			UP DATED (DUE TO AS-BUILT) <03.25>
			BC: BOTTOM OF CURB CRN: CROWN GB: GRADE BREAK INV: INVERT MAT: MATCH (EXISTING CONDITION) LP: LOW POINT TC: TOP OF CURB PT: POINT OF TANGENCY PAR: PEDESTRIAN ACCESS ROUTE

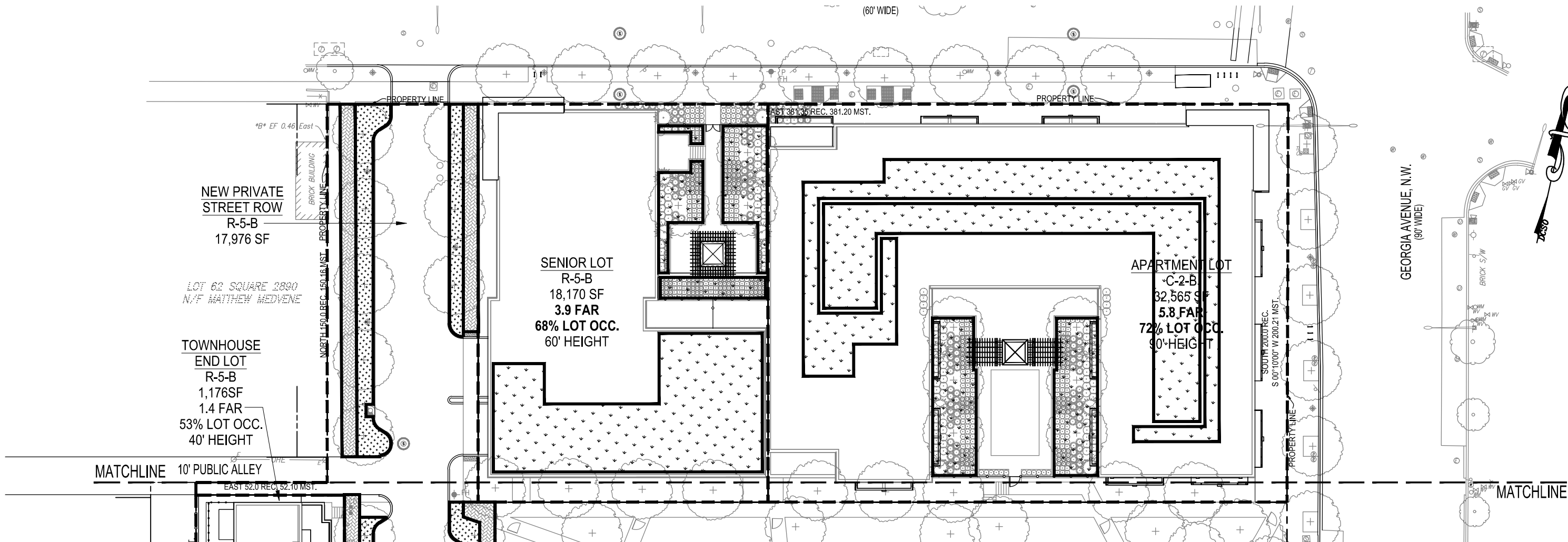


"PUBLIC PARK AND ADJACENT PUBLIC SPACE TO BE DEVELOPED SEPARATELY IN COORDINATION WITH DMPED, OTHER APPLICABLE DISTRICT AGENCIES, THE ANC AND OTHER COMMUNITY STAKEHOLDERS"



<h3>DETAIL 1 - STABILIZED CONSTRUCTION ENTRANCE</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> LENGTH - MINIMUM OF 50' FOR SINGLE RESIDENCE LOT. WIDTH - 10' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS. GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE. THE PLAN APPROVAL AUTHORITY MAY NOT REQUIRE SINGLE FAMILY RESIDENCES TO USE GEOTEXTILE. STONE - CRUSHED AGGREGATE (2" TO 3") OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT SHALL BE PLACED AT LEAST 6" DEEP OVER THE LENGTH AND WIDTH OF THE ENTRANCE. SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPES INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 6" STONE OVER THE PIPES. WHEN THE SOE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE WILL NOT BE NECESSARY. PIPE SHOULD BE SIZED ACCORDING TO THE AMOUNT OF RUNOFF TO CONVEY. A 6" MINIMUM WILL BE REQUIRED. THE MOUNTABLE BERM IS REQUIRED ON ALL SOE NOT LOCATED AT A HIGH SPOT. LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>DETAIL 4 - SILT FENCE</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> FENCE POSTS SHALL BE A MINIMUM OF 36" LONG DRIVEN 16" MINIMUM INTO THE GROUND. WOOD POSTS SHALL BE 1 1/2" x 1 1/2" SQUARE (MIN.) CUT OR 1 3/4" DIAMETER (MIN.) ROUND AND SHALL BE OF SOUND QUALITY (WOOD). STEEL POSTS WILL BE STANDARD I OR U SECTION WEIGHING NOT LESS THAN 100 POUNDS PER LINEAR FOOT. GEOTEXTILE SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID-SPAN AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS F: <table border="1"> <tr> <td>TENSILE STRENGTH</td> <td>30 LB/LIN (MIN.)</td> <td>TEST: ASTM D-4956</td> </tr> <tr> <td>TENSILE MODULUS</td> <td>20 LB/LIN (MIN.)</td> <td>TEST: ASTM D-4956</td> </tr> <tr> <td>FLOW RATE</td> <td>0.3 GAL/FT²/MINUTE (MAX)</td> <td>TEST: ASTM D-5141</td> </tr> <tr> <td>FILTERING EFFICIENCY</td> <td>70% (MIN.)</td> <td>TEST: ASTM D-5141</td> </tr> </table> <ol style="list-style-type: none"> WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEEDING BYPASS. SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHES 30% OF THE FABRIC HEIGHT. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	TENSILE STRENGTH	30 LB/LIN (MIN.)	TEST: ASTM D-4956	TENSILE MODULUS	20 LB/LIN (MIN.)	TEST: ASTM D-4956	FLOW RATE	0.3 GAL/FT ² /MINUTE (MAX)	TEST: ASTM D-5141	FILTERING EFFICIENCY	70% (MIN.)	TEST: ASTM D-5141	<h3>DETAIL 6A - STANDARD INLET PROTECTION</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> EXCAVATE COMPLETELY AROUND THE INLET TO A DEPTH OF 18" BELOW THE NOTCH ELEVATION. DRIVE THE 2" x 4" CONSTRUCTION GRADE LUMBER POSTS 1" INTO THE GROUND AT EACH CORNER OF THE INLET. PLACE NAIL STRIPS BETWEEN THE POSTS ON THE ENDS OF THE INLET. ASSEMBLE THE TOP PORTION OF THE 2" x 4" FRAME USING THE OVERLAP JOINT SHOWN ON DETAIL 6A. THE TOP OF THE FRAME (WIRE) MUST BE 6" BELOW ADJACENT ROADWAYS WHERE FLOODING AND SAFETY ISSUES MAY ARISE. STRETCH THE 1/2" x 1/2" WIRE MESH TIGHTLY AROUND THE FRAME AND FASTEN SECURELY. THE ENDS MUST MEET AND OVERLAP AT A POST. STRETCH THE GEOTEXTILE CLASS E TIGHTLY OVER THE WIRE MESH WITH THE GEOTEXTILE EXTENDING FROM THE TOP OF THE FRAME TO 18" BELOW THE INLET NOTCH ELEVATION. FASTEN THE GEOTEXTILE FIRMLY TO THE FRAME. THE ENDS OF THE GEOTEXTILE MUST MEET AT A POST, BE OVERLAPPED AND FOLDED THEN FASTENED DOWN. BACKFILL AROUND THE INLET IN COMPACTING 6" LAYERS UNTIL THE LAYER OF EARTH IS LEVEL WITH THE NOTCH ELEVATION ON THE ENDS AND TOP ELEVATION ON THE SIDES. IF THE INLET IS NOT IN A SWAMP, CONSTRUCT A COMPACTED EARTH DIKE ACROSS THE NOTCH LINE DIRECTLY BELOW IT. THE TOP OF THE EARTH DIKE SHOULD BE AT LEAST 6" HIGHER THAN THE TOP OF THE FRAME. THE STRUCTURE MUST BE INSPECTED PERIODICALLY AND AFTER EACH RAIN AND THE GEOTEXTILE REPLACED WHEN IT BECOMES CLOGGED. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>DETAIL 6B - AT GRADE INLET PROTECTION</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> LEFT GRADE AND WRAP WITH GEOTEXTILE CLASS E TO COMPLETELY COVER ALL OPENINGS. THEN SET GRATE BACK IN PLACE. PLACE 3/4" TO 1 1/2" STONE, 4"-6" THICK ON THE GRATE TO SECURE THE FABRIC AND PROVIDE ADDITIONAL FILTRATION. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>DETAIL 6C - CURB INLET PROTECTION (COG OR COS INLETS)</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> ATTACH A CONTINUOUS PIECE OF WIRE MESH (10" MINIMUM WIDTH BY THROAT LENGTH PLUS 4") TO THE 2" x 4" WIRE. SECONDLY NAIL THE 2" x 4" WIRE TO A 6" LONG HORIZONTAL SPACER TO BE LOCATE BETWEEN THE WIRE AND THE INLET FACE (MAX. 4" APART). PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAIL (MINIMUM 2" LENGTHS OF 2" x 4" TO THE TOP OF THE WIRE AT SPACER LOCATIONS). THESE 2" x 4" ANCHORS SHALL EXTEND ACROSS THE INLET TOP AND BE HELD IN PLACE BY SANDBAGS OR ALTERNATE METHOD. THE ASSEMBLY SHALL BE PLACED SO THAT THE END SPACERS ARE A MINIMUM 1" BEYOND BOTH ENDS OF THE THROAT OPENING. FORM THE 1/2" x 1/2" WIRE MESH AND THE GEOTEXTILE FABRIC TO THE CONCRETE GUTTER AND AGAINST THE FACE OF THE CURB ON BOTH SIDES OF THE INLET. PLACE CLEAN 3/4" x 1 1/2" STONE OVER THE WIRE MESH AND GEOTEXTILE IN SUCH A MANNER TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE GEOTEXTILE. THIS TYPE OF PROTECTION MUST BE INSPECTED FREQUENTLY AND THE FILTER CLOTH AND STONE REPLACED WHEN CLOGGED WITH SEDIMENT. ASSURE THAT THE STORM FLOW DOES NOT BYPASS THE INLET BY INSTALLING A TEMPORARY EARTH OR ASPHALT DIKE TO DIRECT THE FLOW TO THE INLET. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>DETAIL 6E - AT GRADE INLET GUARD</h3> <p>STANDARD INLET GUARD ATTACHMENT METHOD</p> <p>STANDARD INLET GUARD DIMENSIONS</p> <p>STANDARD INLET GUARD CROSS SECTION</p> <ol style="list-style-type: none"> THE TOP MEASUREMENT OF 7-1/2" IS SET TO PROVIDE A 2" EXTENSION FOR OVERFLOW WHILE AVOIDING BLOCKAGE OF THE MANHOLE COVER. MAKE A WATERTIGHT CONNECTION ALONG THE SIDES AND BOTTOM OF THE INLET GUARD WITH THE STREET AND CURB. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>
TENSILE STRENGTH	30 LB/LIN (MIN.)	TEST: ASTM D-4956															
TENSILE MODULUS	20 LB/LIN (MIN.)	TEST: ASTM D-4956															
FLOW RATE	0.3 GAL/FT ² /MINUTE (MAX)	TEST: ASTM D-5141															
FILTERING EFFICIENCY	70% (MIN.)	TEST: ASTM D-5141															
<h3>DETAIL 9 - EARTH DIKE</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> SEED AND COVER WITH STRAW MULCH. SEED AND COVER WITH SOIL STABILIZATION MATTING OR LIME WITH SOO. 4"-7" STONE OR RECYCLED CONCRETE EQUIVALENT PRESSED INTO THE SOIL 7" MINIMUM. <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> ALL TEMPORARY EARTH DIKES SHALL HAVE UNDISTURBED POSITIVE GRADE TO AN OUTLET. SPOT ELEVATIONS MAY BE NECESSARY FOR GRADES LESS THAN 1X. RUNOFF DIVERTED FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE. RUNOFF DIVERTED FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED, STABILIZED AREA AT A NON-EROSIVE VELOCITY. ALL TREES, BRUSH, STAMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND SPROUDED OF 30 AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE DIKE. THE DIKE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL WEAR NORMAL FLOW. FILL SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT. ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE DIKE. INSPECTION AND MAINTENANCE MUST BE PROVIDED PERIODICALLY AND AFTER EACH RAIN EVENT. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>DETAIL 11 - PERIMETER DIKE / SWALE</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> ALL PERIMETER DIKE/SWALES SHALL HAVE AN UNDISTURBED POSITIVE GRADE TO AN OUTLET. SPOT ELEVATIONS MAY BE NECESSARY FOR GRADES LESS THAN 1X. RUNOFF DIVERTED FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE. RUNOFF DIVERTED FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN UNDISTURBED STABILIZED AREA AT A NON-EROSIVE VELOCITY. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS-SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED IN THE STANDARD. FILL SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT. STABILIZATION WITH SEED AND MULCH OR AS SPECIFIED OF THE AREA DISTURBED BY THE DIKE AND SWALE SHALL BE COMPLETED WITHIN 7 DAYS UPON INSTALLATION. INSPECTION AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT. THE MAXIMUM DRAINAGE FOR THIS PRACTICE IS 2 ACRES. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>DETAIL 12 - PIPE OUTLET SEDIMENT TRAP - ST I</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> THE AREA UNDER THE EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED. THE TOTAL VOLUME AS MEASURED FROM THE BOTTOM TO THE RISES ELEVATION SHALL BE 3600 CUBIC FEET PER ACRE OF DRAINAGE AREA (SEE TABLE 11). THE CREST ELEVATION SHALL BE 3" ABOVE THE RISER CREST ELEVATION. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE DIKE AND SWALE SHALL BE COMPLETED WITHIN 7 DAYS UPON INSTALLATION. THE SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE. THE STRUCTURE SHALL BE INSPECTED PERIODICALLY AND AFTER EACH RAIN AND REPAIRS. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>DETAIL 34 - PORTABLE SEDIMENT TANK (HORIZONTAL)</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> THE FOLLOWING FORMULA SHOULD BE USED IN DETERMINING THE STORAGE VOLUME OF THE SEDIMENT TANK: 1 CUBIC FOOT OF STORAGE FOR EACH GALLON PER MINUTE OF PUMP DISCHARGE CAPACITY. AN EXAMPLE OF A TYPICAL SEDIMENT TANK IS SHOWN ABOVE. OTHER CONTAINER DESIGNS CAN BE USED IF THE STORAGE VOLUME IS ADEQUATE AND APPROVAL IS OBTAINED FROM THE LOCAL APPROVING AGENCY. TANKS MAY BE CONNECTED IN SERIES. <p>SOURCE: USDA - SCS</p> <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>DETAIL 13 - STONE OUTLET SEDIMENT TRAP - ST II</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER. THE STONE USED IN THE OUTLET SHALL BE SMALL RIP-RAP 4" TO 7" IN SIZE WITH A 1" THICK LAYER OF 3/4" TO 1 1/2" WASHED AGGREGATE PLACED ON THE UPSTREAM FACE OF THE OUTLET. STONE FACING SHALL BE AS NECESSARY TO PREVENT CLOGGING. GEOTEXTILE CLASS E MAY BE SUBSTITUTED FOR THE STONE FACING BY PLACING IT ON THE INSIDE FACE OF THE STONE OUTLET. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE HALF OF THE NET STORAGE DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>STONE OUTLET SEDIMENT TRAP - ST II</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> THE STRUCTURE SHALL BE INSPECTED PERIODICALLY AND AFTER EACH RAIN AND REPAIRS MADE AS NEEDED. CONSTRUCTION OF TRAPS SHALL BE CARRIED OUT IN SUCH A MANNER THAT SEDIMENT POLLUTION IS ABATED. ONCE CONSTRUCTED, THE TOP AND OUTSIDE FACE OF THE EMBANKMENT SHALL BE STABILIZED WITH SEED AND MULCH. POINTS OF CONCENTRATED INFLOW SHALL BE PROTECTED IN ACCORDANCE WITH GRADE STABILIZATION STRUCTURE CRITERIA. THE REMAINDER OF THE INTERIOR SLOPES SHOULD BE STABILIZED (ONE TIME) WITH SEED AND MULCH UPON TRAP COMPLETION AND MONITORED AND MAINTAINED EROSION FREE DURING THE LIFE OF THE TOP. THE STRUCTURE SHALL BE DEMATERED BY APPROVED METHODS, REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. REFER TO SECTION G FOR SPECIFICATIONS CONCERNING TRAP DEMATERING. MINIMUM TRAP DEPTH SHALL BE MEASURED FROM THE WIRE ELEVATION. THE ELEVATION OF THE TOP OF ANY DIKE DIRECTING WATER INTO THE TRAP MUST EQUAL OR EXCEED THE ELEVATION OF THE TRAP EMBANKMENT. GEOTEXTILE CLASS E SHALL BE PLACED OVER THE BOTTOM AND SIDES OF THE OUTLET CHANNEL PRIOR TO THE PLACEMENT OF STONE. SECTIONS OF FILTER CLOTH MUST OVERLAP AT LEAST 1" WITH THE SECTION NEAREST THE ENTRANCE PLACED ON TOP. THE FILTER CLOTH SHALL BE EMBEDDED AT LEAST 6" INTO EXISTING GROUND AT THE ENTRANCE OF THE OUTLET CHANNEL. OUTLET - AN OUTLET SHALL BE PROVIDED, INCLUDING A MEANS OF CONVEYING THE DISCHARGE IN AN EROSION FREE MANNER TO AN EXISTING STABLE CHANNEL. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>												
<h3>DETAIL 14 - RIP-RAP OUTLET SEDIMENT TRAP - ST III</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> THE AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS OR OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED. MAXIMUM HEIGHT OF EMBANKMENT SHALL BE 4', MEASURED AT CENTERLINE OF EMBANKMENT. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER. ELEVATION OF THE TOP OF ANY DIKE DIRECTING WATER INTO TRAP MUST EQUAL OR EXCEED THE HEIGHT OF TRAP EMBANKMENT. STORAGE AREA PROVIDED SHALL BE FIGURED BY COMPUTING THE VOLUME MEASURED FROM TOP OF EXCAVATION (FOR STORAGE REQUIREMENTS SEE TABLE 12). FILTER CLOTH SHALL BE PLACED OVER THE BOTTOM AND SIDES OF THE OUTLET CHANNEL PRIOR TO PLACEMENT OF STONE. SECTION OF FABRIC MUST OVERLAP AT LEAST 1" WITH SECTION NEAREST THE ENTRANCE PLACED ON TOP. FABRIC SHALL BE EMBEDDED AT LEAST 6" INTO EXISTING GROUND AT ENTRANCE OF OUTLET CHANNEL. STONE USED IN THE OUTLET CHANNEL SHALL BE 4" - 12" PLACED 18" THICK. OUTLET - AN OUTLET SHALL BE PROVIDED, WHICH INCLUDES A MEANS OF CONVEYING THE DISCHARGE IN AN EROSION FREE MANNER TO AN EXISTING STABLE CHANNEL. PROTECTION AGAINST SCOUR AT THE DISCHARGE END SHALL BE PROVIDED AS NECESSARY. OUTLET CHANNEL MUST HAVE POSITIVE DRAINAGE FROM THE TRAP. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/4 OF THE NET STORAGE DEPTH OF THE TRAP (1500 CF/AC). REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE. THE STRUCTURE SHALL BE INSPECTED PERIODICALLY AND AFTER EACH RAIN AND REPAIRED AS NEEDED. CONSTRUCTION OF TRAPS SHALL BE CARRIED OUT IN SUCH A MANNER THAT SEDIMENT POLLUTION IS ABATED. ONCE CONSTRUCTED, THE TOP AND OUTSIDE FACE OF THE EMBANKMENT SHALL BE STABILIZED WITH SEED MULCH. POINTS OF CONCENTRATED INFLOW SHALL BE PROTECTED IN ACCORDANCE WITH GRADE STABILIZATION STRUCTURE CRITERIA. THE REMAINDER OF THE INTERIOR SLOPES SHOULD BE STABILIZED (ONE TIME) WITH SEED AND MULCH UPON TRAP COMPLETION AND MONITORED AND MAINTAINED EROSION FREE DURING THE LIFE OF THE TRAP. THE STRUCTURE SHALL BE DEMATERED BY APPROVED METHODS, REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. <p>NOTE: MAXIMUM DRAINAGE AREA = 10 AC.</p> <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>RIP-RAP OUTLET SEDIMENT TRAP - ST III</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> THE AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS OR OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED. MAXIMUM HEIGHT OF EMBANKMENT SHALL BE 4', MEASURED AT CENTERLINE OF EMBANKMENT. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER. ELEVATION OF THE TOP OF ANY DIKE DIRECTING WATER INTO TRAP MUST EQUAL OR EXCEED THE HEIGHT OF TRAP EMBANKMENT. STORAGE AREA PROVIDED SHALL BE FIGURED BY COMPUTING THE VOLUME MEASURED FROM TOP OF EXCAVATION (FOR STORAGE REQUIREMENTS SEE TABLE 12). FILTER CLOTH SHALL BE PLACED OVER THE BOTTOM AND SIDES OF THE OUTLET CHANNEL PRIOR TO PLACEMENT OF STONE. SECTION OF FABRIC MUST OVERLAP AT LEAST 1" WITH SECTION NEAREST THE ENTRANCE PLACED ON TOP. FABRIC SHALL BE EMBEDDED AT LEAST 6" INTO EXISTING GROUND AT ENTRANCE OF OUTLET CHANNEL. STONE USED IN THE OUTLET CHANNEL SHALL BE 4" - 12" PLACED 18" THICK. OUTLET - AN OUTLET SHALL BE PROVIDED, WHICH INCLUDES A MEANS OF CONVEYING THE DISCHARGE IN AN EROSION FREE MANNER TO AN EXISTING STABLE CHANNEL. PROTECTION AGAINST SCOUR AT THE DISCHARGE END SHALL BE PROVIDED AS NECESSARY. OUTLET CHANNEL MUST HAVE POSITIVE DRAINAGE FROM THE TRAP. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/4 OF THE NET STORAGE DEPTH OF THE TRAP (1500 CF/AC). REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE. THE STRUCTURE SHALL BE INSPECTED PERIODICALLY AND AFTER EACH RAIN AND REPAIRED AS NEEDED. CONSTRUCTION OF TRAPS SHALL BE CARRIED OUT IN SUCH A MANNER THAT SEDIMENT POLLUTION IS ABATED. ONCE CONSTRUCTED, THE TOP AND OUTSIDE FACE OF THE EMBANKMENT SHALL BE STABILIZED WITH SEED MULCH. POINTS OF CONCENTRATED INFLOW SHALL BE PROTECTED IN ACCORDANCE WITH GRADE STABILIZATION STRUCTURE CRITERIA. THE REMAINDER OF THE INTERIOR SLOPES SHOULD BE STABILIZED (ONE TIME) WITH SEED AND MULCH UPON TRAP COMPLETION AND MONITORED AND MAINTAINED EROSION FREE DURING THE LIFE OF THE TRAP. THE STRUCTURE SHALL BE DEMATERED BY APPROVED METHODS, REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>DETAIL 22 - SEDIMENT BASIN/TRAP BAFFLES</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> THE AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS OR OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED. THE TOTAL VOLUME AS MEASURED FROM THE BOTTOM TO THE RISES ELEVATION SHALL BE 3600 CUBIC FEET PER ACRE OF DRAINAGE AREA (SEE TABLE 11). THE CREST ELEVATION SHALL BE 3" ABOVE THE RISER CREST ELEVATION. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE DIKE AND SWALE SHALL BE COMPLETED WITHIN 7 DAYS UPON INSTALLATION. THE SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE. THE STRUCTURE SHALL BE INSPECTED PERIODICALLY AND AFTER EACH RAIN AND REPAIRS. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>DETAIL 34 - PORTABLE SEDIMENT TANK (HORIZONTAL)</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> THE FOLLOWING FORMULA SHOULD BE USED IN DETERMINING THE STORAGE VOLUME OF THE SEDIMENT TANK: 1 CUBIC FOOT OF STORAGE FOR EACH GALLON PER MINUTE OF PUMP DISCHARGE CAPACITY. AN EXAMPLE OF A TYPICAL SEDIMENT TANK IS SHOWN ABOVE. OTHER CONTAINER DESIGNS CAN BE USED IF THE STORAGE VOLUME IS ADEQUATE AND APPROVAL IS OBTAINED FROM THE LOCAL APPROVING AGENCY. TANKS MAY BE CONNECTED IN SERIES. <p>SOURCE: USDA - SCS</p> <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>DETAIL 35 - PORTABLE SEDIMENT TANK (VERTICAL)</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> THE FOLLOWING FORMULA SHOULD BE USED IN DETERMINING THE STORAGE VOLUME OF THE SEDIMENT TANK: 1 CUBIC FOOT OF STORAGE FOR EACH GALLON PER MINUTE OF PUMP DISCHARGE CAPACITY. AN EXAMPLE OF A TYPICAL SEDIMENT TANK IS SHOWN ABOVE. OTHER CONTAINER DESIGNS CAN BE USED IF THE STORAGE VOLUME IS ADEQUATE AND APPROVAL IS OBTAINED FROM THE LOCAL APPROVING AGENCY. TANKS MAY BE CONNECTED IN SERIES. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>	<h3>DETAIL 74 - TREE PROTECTION</h3> <p>CONSTRUCTION SPECIFICATIONS</p> <ol style="list-style-type: none"> ALL PROTECTIVE FENCING SHALL EXTEND BEYOND THE TREE DRIFLINE. ALL PROTECTIVE FENCING SHALL EXTEND BEYOND THE TREE DRIFLINE. EXCESSIVE CUT AND FILL WILL KILL THIS TREE. RETAINING WALL. <p>U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE</p>												





LEGEND

	GREEN ROOF
	BIORETENTION
	PERMEABLE PAVEMENT

STORMWATER MANAGEMENT NARRATIVE:

THE PROJECT WILL BE UNDER THE 2013 STORMWATER MANAGEMENT REQUIREMENTS PER THE DEPARTMENT OF ENERGY AND ENVIRONMENT. THIS WILL BE A MAJOR LAND DISTURBING ACTIVITY, THEREFORE, THE SITE WILL RETAIN THE FIRST 1.2" OF RAINFALL. GREEN ROOF, PERMEABLE PAVEMENT AND BIORETENTION WILL BE USED TO MEET THE RETENTION AND DETENTION REQUIREMENTS.

STORMWATER MANAGEMENT NARRATIVE:
MAXIMUM EXTENT PRACTICABLE IN THE PROW

THE PUBLIC RIGHT OF WAY PORTION OF THIS PROJECT WILL BE UNDER THE 2013 STORMWATER MANAGEMENT REQUIREMENTS PER THE DEPARTMENT OF ENERGY AND ENVIRONMENT. THE SITE WILL MEET THE PUBLIC RIGHT OF WAY STORMWATER REQUIREMENTS TO THE MAXIMUM EXTENT PRACTICABLE.

"PUBLIC PARK AND ADJACENT PUBLIC SPACE TO BE DEVELOPED SEPARATELY IN COORDINATION WITH DMPED, OTHER APPLICABLE DISTRICT AGENCIES, THE ANC AND OTHER COMMUNITY STAKEHOLDERS"

