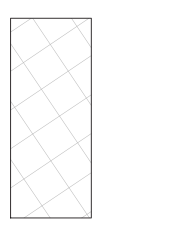


C2.20

EXISTING RIGHT-OF-WAY TO BE CLOSED

FRANKLIN ST., N.W.:	69,690 SF	LAND AREA
EVARTS ST., N.W.:	69,690 SF	LAND AREA
DOUGLAS ST., N.W.:	69,690 SF	LAND AREA
TOTAL:	209,070 SF	LAND AREA



KEY NOTES:

- EXISTING RIGHT-OF-WAY TO BE CLOSED (SEE S.O. 13-9432)
- PROPOSED PUBLIC ACCESS EASEMENT

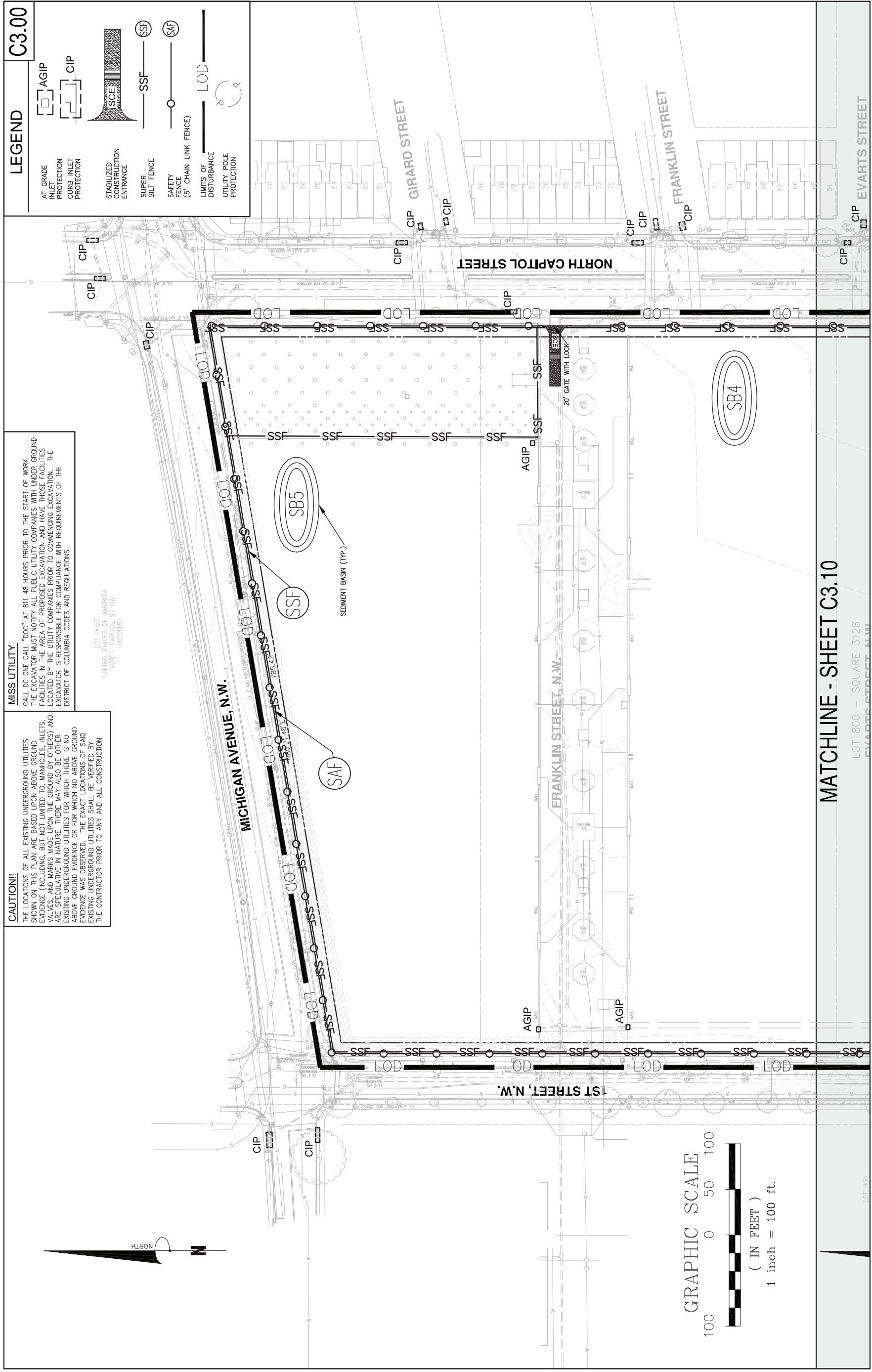
GENERAL NOTES:

- PROPOSED LOT LINES AND EASEMENTS SHOWN ARE PRELIMINARY AND SUBJECT TO CHANGE WITH FINAL DESIGN.
- UTILITY (DRY AND WET) UTILITY EASEMENTS ARE NOT SHOWN AT THIS TIME AND SUBJECT TO FINAL DESIGN.
- PLEASE NOTE THAT NO EASEMENTS ARE SHOWN OR PROVIDED FOR DC WATER'S INTERM USE OF THE PROPERTY.
- ADDITIONAL SUBDIVISION PARCELS (A&T LOTS OR EQUAL) MAY BE REQUIRED (SUCH AS FOR TOWNHOUSE LOTS OR PRIVATE ROAD PARCELS) AND SHALL BE DEVELOPED IN THE FUTURE BASED ON FINAL DESIGN.
- PUBLIC ACCESS EASEMENTS SHOWN ARE FOR THE GROUND SURFACE ONLY. ADDITIONAL SUBSURFACE EASEMENTS MAY BE REQUIRED AND ARE NOT SHOWN AT THIS TIME.

LOT 1002  
UNITED STATES OF AMERICA  
NORTH WASHINGTON ST NW  
WASHINGTON DC





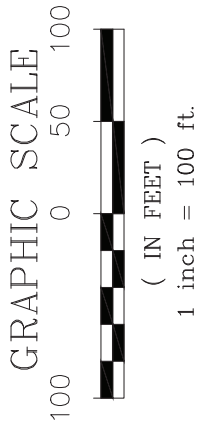


**MISS UTILITY**  
 CALL DC ONE CALL "DOC" AT 811 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF THE DISTRICT OF COLUMBIA CODES AND REGULATIONS.

**CAUTION!!**  
 THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS MADE UPON THE GROUND BY OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

LOT 0027  
 UNITED STATES OF AMERICA  
 NORTH MICHIGAN ST NW  
 UNZONED

LEGEND		C3.00
AT GRADE INLET PROTECTION		AGIP
CURB INLET PROTECTION		CIP
STABILIZED CONSTRUCTION ENTRANCE		SCE
SUPER SILT FENCE		SSF
SAFETY FENCE (S CHAIN LINK FENCE)		SAF
LIMITS OF DISTURBANCE		LOD
UTILITY POLE PROTECTION		CIP

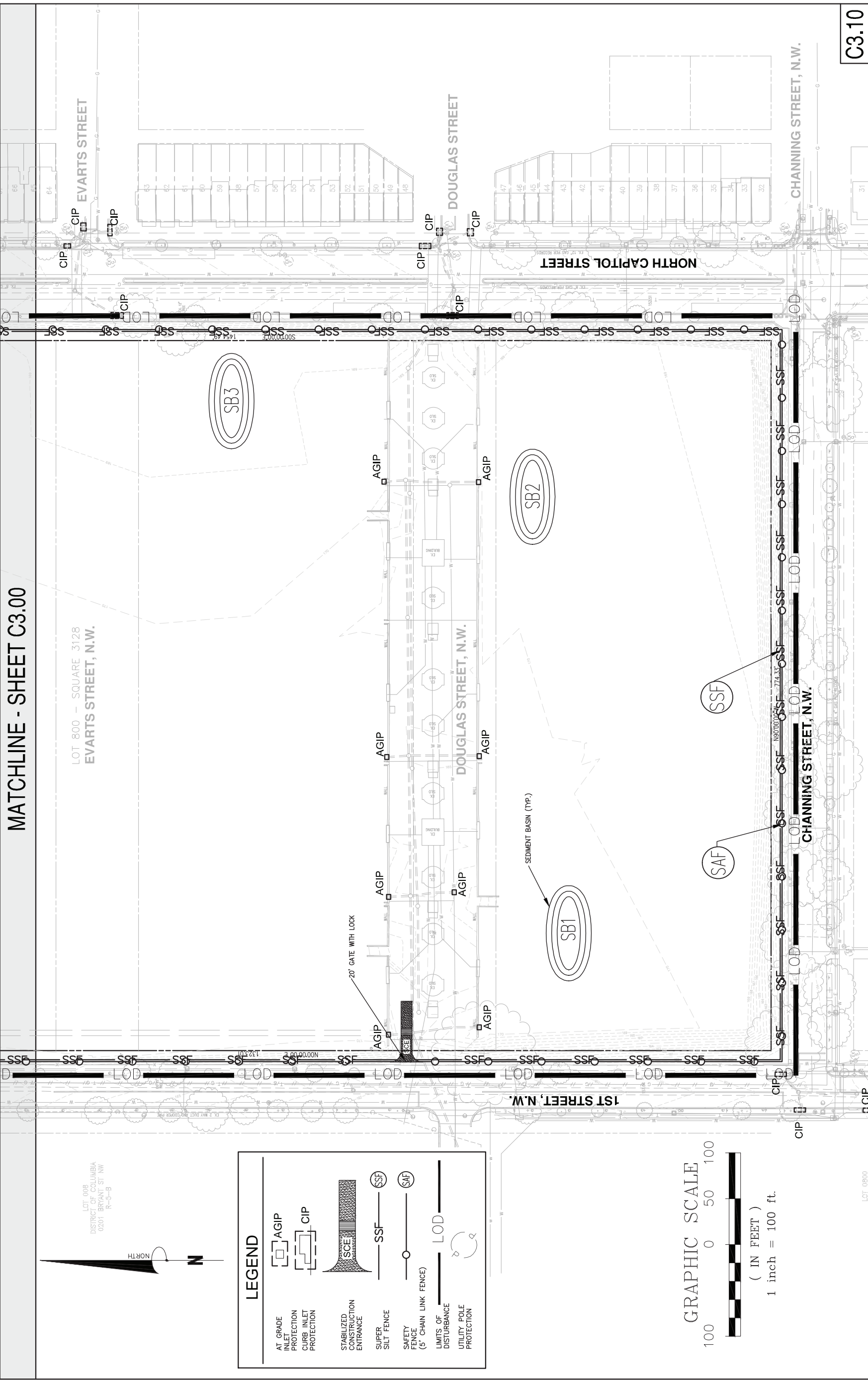


MATCHLINE - SHEET C3.10

LOT 800 - SQUARE 3128  
 EVARTS STREET N.W.

LOT 009

MATCHLINE - SHEET C3.00



LOT 800 - SQUARE 3128  
EVARTS STREET, N.W.

LOT 008  
DISTRICT OF COLUMBIA  
02011 BRYANT ST NW  
R-9-B

**LEGEND**

- AT GRADE INLET PROTECTION
- CURB INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- SUPER SILT FENCE
- SAFETY FENCE (5' CHAIN LINK FENCE)
- LIMITS OF DISTURBANCE
- UTILITY POLE PROTECTION
- AGIP
- CIP
- SCE
- SSF
- SAF
- LOD

**GRAPHIC SCALE**  
( IN FEET )  
100 0 50 100  
1 inch = 100 ft.

C3.10



**MISS UTILITY**

CALL DC ONE CALL "OOC" AT 811 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDER GROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF THE DISTRICT OF COLUMBIA CODES AND REGULATIONS.

**GENERAL EROSION AND SEDIMENT CONTROL NOTES:**

1. CONTRACTOR SHALL SCHEDULE AND HOLD A PRE-CONSTRUCTION MEETING WITH THE SEDIMENT CONTROL INSPECTOR 48 HOURS PRIOR TO ANY LAND DISTURBING ACTIVITY.
2. UNLESS OTHERWISE NOTED, ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH APPLICABLE PUBLISHED STANDARDS AND SPECIFICATIONS FOR SOIL AND EROSION CONTROL, 2003 EDITION.
3. FOR ADDITIONAL DETAILS AND SPECIFICATIONS NOT SHOWN HEREIN REFER TO THE HANDBOOK OF THE DOH/WPD.
4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON-SITE AT ALL TIMES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NOT SHOWN HEREIN THAT ARE DEEMED NECESSARY BY THE APPROVING AUTHORITY AND/OR SITE INSPECTOR.
6. THE CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL DEVICES DAILY. ANY DAMAGED CONTROL'S SHALL BE REPAIRED OR REPLACED BY THE CLOSE OF EACH WORKING DAY.
7. THIS PLAN ILLUSTRATES HORIZONTAL LOCATION OF EXISTING UTILITIES BASED ON BEST AVAILABLE INFORMATION. THE INFORMATION SHOWN CONCERNING UNDERGROUND UTILITIES AND FEATURES IS NOT GUARANTEED, ALL INCLUSIVE OR CORRECT. THE CONTRACTOR SHALL VERIFY FEATURES PRIOR TO CONSTRUCTION. EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE AT ALL TIMES UNLESS OTHERWISE NOTED. ALL STRUCTURES ABOVE AND/OR BELOW GROUND THAT ARE ENCOUNTERED DURING CONSTRUCTION SHALL BE PROPERLY SUPPORTED AND MAINTAINED. THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE UTILITY OWNERS FOR THE PROTECTION OR RELOCATION OF SUCH STRUCTURES. IF DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL MAKE REPAIRS OR PAY FOR REPAIRS TO THE STRUCTURE TO THE OWNER'S SATISFACTION.
8. CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN WORKING AROUND EXISTING UTILITIES.
9. CONTRACTOR TO STUDY GEOTECHNICAL INFORMATION AVAILABLE AND CLEARLY REPORT CONSTRUCTION METHODOLOGY TO THE OWNER PRIOR TO BIDDING.
10. CONTRACTOR MUST ADHERE TO ALL SAFETY REGULATIONS GIVEN BY O.S.H.A.
11. THE CONTRACTOR SHALL CALL "MISS UTILITY" AT 1-800-257-7777 AT LEAST FIVE (5) DAYS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTITUTE. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

13. ANY EXISTING CURB, GUTTERS OR ROADWAY SURFACE THAT IS DAMAGED OR REMOVED FOR RAZE OF UNDERGROUND FEATURES MUST BE REPLACED WITH THE SAME MATERIAL. I.E. GRANITE CURB MUST BE REPLACED WITH GRANITE CURB, OR CUTS IN CONCRETE MUST HAVE CONCRETE INSTALLED.
14. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM SITE AND TOWARDS THE EXISTING CATCH BASINS UNLESS SHOWN OTHERWISE.
15. CONTRACTOR SHALL PREVENT DUST FROM ESCAPING THE WORK SITE.
16. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL INSPECT ALL UTILITY TRENCHES FOR STANDING WATER. IF WATER EXISTS THE TRENCH SHALL BE Dewatered WITH AN APPROVED FILTERING DEVICE BEFORE DISCHARGE. THE RUNOFF FROM Dewatering ACTIVITIES SHALL NOT BE DISCHARGED DIRECTLY INTO THE STREET.
17. PERMISSION MAY/SHALL BE REQUIRED FROM ADJOINING OWNERS FOR CONSTRUCTION. DEPENDING ON THE TYPE AND EXTENT OF ENCROACHMENT (FOOTINGS, FOOTING DRAINS, FOUNDATIONS, OTHER ENCROACHMENTS, ETC., THE OWNER/DEVELOPER MAY CONSIDER PERFORMING INTERIOR AND EXTERIOR SURVEYS AND ASSESSMENTS TO INSURE THAT NO DAMAGE OCCURS DURING CONSTRUCTION.

**GENERAL NOTE:**

1. CONTRACTOR TO ENSURE AND MAINTAIN POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION.

**ENVIRONMENTAL SITE ASSESSMENT:**

TO THE KNOWLEDGE OF THE ENGINEER THERE ARE NO TIDAL WETLANDS, TIDAL SHORES, TRIBUTARY STREAMS, FLOODPLAINS, CONNECTED TIDAL WETLANDS, HIGHLY ERODIBLE/PERMEABLE SOILS OR BUFFER AREAS ASSOCIATED WITH SHORES. PERMITS REQUIRED FOR THIS DEVELOPMENT PROJECT. ADDITIONALLY, THERE ARE NO WETLAND OR WETLANDS LOCATED ON THIS SITE. FURTHER, THERE ARE NO WETLAND NO KNOWN UNDERGROUND STORAGE TANKS OR AREAS OF SOIL OR GROUNDWATER CONTAMINATION ON THE SITE.

**SEQUENCE OF CONSTRUCTION:**

1. INSTALL PERIMETER CONTROLS: SAFETY FENCE, INLET PROTECTION, AND CONSTRUCTION ENTRANCE (WITH WASH RACK).
2. DUST CONTROL MEASURES SHALL BE IMPLEMENTED WHILE CONSTRUCTION IS OCCURRING.
3. EXISTING UTILITIES TO BE ABANDONED AND REMOVED FROM THE PUBLIC CONNECTION.
4. DEMO ASPHALT/CONCRETE WITHIN PROPOSED CONSTRUCTION AREA.
5. CONSTRUCT INTERNAL BUILDING, CONSTRUCT PROPOSED SANITARY, WATER, AND STORM SEWER CONNECTIONS AND MAINS FROM THE CONSTRUCTION ENTRANCE.
6. AFTER COMPLETION OF BUILDING AND UTILITY CONSTRUCTION, CONTRACTOR SHALL COMMENCE CONSTRUCTION OF THE STREETSCAPE ELEMENTS.
7. INSTALL STREETSCAPE ELEMENTS.
8. AFTER ALL CONSTRUCTION OPERATIONS CEASE, VEGETATION HAS BEEN ESTABLISHED AS SHOWN ON THE PLANS, AND THE INSPECTOR HAS APPROVED, ALL MECHANICAL SEDIMENT CONTROLS SHALL BE REMOVED.

**STANDARD EROSION & SEDIMENT CONTROL MEASURES & SEQUENCE**

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP OF DEMOLITION.
2. PROVIDE TEMPORARY STONE CONSTRUCTION ENTRANCE WHERE SHOWN. PROVIDE WATER SOURCE AND HOSE TO CLEAN ALL EQUIPMENT LEAVING SITE.
3. NO DISTURBED AREA WILL BE PERMITTED FOR MORE THAN 7 CALENDAR DAYS. INSTALL THE TEMPORARY EROSION AND SEDIMENT CONTROL VEGETATIVE STABILIZATION MEASURES TO ACHIEVE ADEQUATE EROSION AND SEDIMENT CONTROL. IF CONSTRUCTION SHOULD STOP FOR MORE THAN 14 DAYS, THE CONTRACTOR MUST INSPECT AND MAINTAIN ALL EROSION & SEDIMENT CONTROL MEASURES WHILE THE PROJECT IS INACTIVE.

4. THE SITE SUPERINTENDENT OR HIS REPRESENTATIVE SHALL MAKE A VISUAL INSPECTION OF ALL MECHANICAL CONTROLS AND NEWLY STABILIZED AREAS (I.E. SEEDED OR SOODED AREAS) PRIOR TO THE START OF WORK. ALL MEASURES SHALL BE SEEDING OR SOODED CONTROLS ARE IN PLACE AND THAT NONE HAVE BEEN DAMAGED. ANY DAMAGED CONTROL SHALL BE REPAIRED PRIOR TO THE END OF THE WORK DAY (TO INCLUDE RESEEDING OR RESEEDING IF NECESSARY).
6. STABILIZED CONSTRUCTION ENTRANCES TO BE PERIODICALLY SUPPLEMENTED WITH ADDITIONAL STONE AS NEEDED.
7. CONTROLS CAN BE REMOVED AFTER THEIR CONTRIBUTING BASINS HAVE BEEN PERMANENTLY STABILIZED, AND APPROVAL OF INSPECTOR IS OBTAINED.

**STANDARDS AND SPECIFICATIONS FOR DUST CONTROL**

1. THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE PROJECT SITE SO 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. DURING ACTIVE CONSTRUCTION PERIODS ON-SITE, THESE CONTROL MEASURES WILL GENERALLY CONSIST OF WATER APPLICATIONS THAT SHALL BE APPLIED AT A MINIMUM OF ONCE PER DAY DURING DRY WEATHER OR MORE OFTEN AS REQUIRED TO PREVENT UNDISTURBED SOIL SURFACES.
5. FOR WATER APPLICATION TO UNDISTURBED SOIL SURFACES, 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 WORK.
  - C. DISPERSE WATER THROUGH NOZZLES ON SPRAY BAR AT 20 PSI (1.7 MPa) MINIMUM. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS FLOODING.
  - D. 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 WORK WITHOUT CREATING NUISANCE CONDITIONS SUCH AS FLOODING.
    - C. APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND THE SITE BOUNDARIES.

**STREET SWEEPING**

1. STREETS WITHIN ONE MILE (1.6km) SHALL BE INSPECTED DAILY, ANY DROPPED SOIL, DUST AND/OR DEBRIS SHALL BE REMOVED.
2. VACUUM TYPE STREET CLEANER SHALL BE USED TO EFFECTIVELY REMOVE TOTAL DUST AND DIRT ON PAVED SURFACES.
3. ROADS SHALL BE SWEEP ON A WEEKLY BASIS (MINIMUM) DURING ALL ON AND OFF-SITE HAULING OPERATIONS FOR UP TO ONE MILE.

**STANDARD EROSION CONTROL NOTES**

1. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED BEFORE THE START OF ANY EXCAVATION AND/OR CONSTRUCTION AS PER STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR THE DISTRICT OF COLUMBIA. A VISUAL INSPECTION REVEALS FURTHER EROSION CONTROL MEASURES ARE NECESSARY, THE SAME SHALL BE PROVIDED.
2. ALL DEBRIS IS TO BE REMOVED FROM SITE.
3. STREETS AND SIDEWALKS SHALL BE SWEEP CLEAN AT ALL TIMES DURING DEMOLITION, EXCAVATION AND CONSTRUCTION SO THAT SEDIMENT ON ADJACENT STREETS IS MINIMIZED.
4. ALL CATCH BASINS AND DRAIN AREAS SHALL BE PROTECTED DURING EXCAVATION AND CONSTRUCTION.
5. IF ANY CATCH BASINS OR DRAINS BECOME CLOGGED AS A RESULT OF DEMOLITION, EXCAVATION, OR CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS CLEANING.
6. ANY STOCKPILING, REGARDLESS OF LOCATION, SHALL BE STABILIZED AND COVERED WITH PLASTIC OR CANVAS, AFTER ITS ESTABLISHMENT AND FOR DURATION OF THE PROJECT.
7. AFTER RAZING OR DEMOLITION, THERE IS THE NEED FOR GROUND COVER TO PREVENT EROSION AND SEDIMENT RUNOFF FROM OCCURRING. SUCH AS APPLYING SEED, SOIL, PAVE, BROOKBAT OR MULCH, ETC.
8. THE SITE'S APPROVAL LETTER, APPROVED EROSION AND SEDIMENT CONTROL PLANS, DAILY LOG BOOKS AND TEST REPORTS SHALL BE AVAILABLE AT THE SITE FOR INSPECTION BY AUTHORIZED OFFICIALS OF DCRA RESPONSIBLE FOR THE PROJECT.
9. TEMPORARY SEDIMENT CONTROL DEVICES MAY BE REMOVED, WITH PERMISSION OF DCRA INSPECTOR, WITHIN THIRTY (30) DAYS AFTER THE COMPLETION OF CONSTRUCTION. ALL SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED IN ALL SEASONAL CONTRIBUTORY DRAINAGE AREAS, STORMWATER MANAGEMENT STRUCTURES.
10. VEGETATIVE STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE DCRA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. REFER TO APPROPRIATE SPECIFICATIONS FOR TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, SOODING AND GROUND COVERS.
11. OFF-SITE SOIL, WASTE, OR BORROW AREAS IN THE DISTRICT OF COLUMBIA OR ON FEDERAL PROPERTY MUST HAVE PRIOR APPROVAL BY DCRA. ALL WASTE AND BORROW AREAS OFF-SITE MUST BE PROTECTED BY SEDIMENT CONTROL MEASURES AND STABILIZED IN ACCORDANCE WITH THE ORDINANCES AND REGULATIONS OF THE JURISDICTION WHERE THE SOIL, WASTE, OR BORROW AREA IS LOCATED/STABILIZED.
12. CONSTRUCTION SHALL BE DISCONTINUED SUCH THAT GRADING OPERATION CAN BEGIN AON END AS QUICKLY AS POSSIBLE. AREAS NOT TO BE DISTURBED MUST BE CLEARLY MARKED OR FLAGGED.
13. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN THOSE INDICATED ON THEE PLANS INCLUDING, BUT NOT LIMITED TO, OFF-SITE BORROW OR WASTE AREAS, THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO DCRA FOR REVIEW AND APPROVAL.
14. THE DEVELOPER AND CONTRACTORS ARE TO KEEP DENuded AREAS TO A MINIMUM. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENuded AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENuded AREAS THAT NOT BE AT FINAL GRADE, BUT WILL REMAIN DORMANT FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT WILL REMAIN DORMANT FOR LONGER THAN 90 DAYS. ANY STOCKPILED MATERIAL WHICH WILL REMAIN IN PLACE LONGER THAN 10 DAYS MUST BE SEEDED FOR TEMPORARY VEGETATION AND MULCHED WITH STRAW MULCH OR OTHERWISE STABILIZED.
15. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.
16. DURING Dewatering OPERATIONS, WATER SHALL BE PUMPED THROUGH AN APPROVED FILTERING DEVICE OR PASSED THROUGH A FINE SCREEN, WATERPANS, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY IMPACT FLOWING STREAMS OR OFF-SITE PROPERTY.
17. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES DAILY AND AFTER EACH RAINFALL-PRODUCING RAINFALL. EVEN IF ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.
18. ANY DENuded SLOPES, EITHER DISTURBED OR CREATED BY THIS PLAN THAT EXCEED 25% GRADE SHALL BE SOODED AND RESEEDED FOR STABILITY AND EROSION CONTROL AT THE COMPLETION OF THE PROJECT AND PRIOR TO THE RELEASE OF THE BOND. ALL DISTURBED AREAS SHALL BE STABILIZED PERMANENTLY AND ALL TEMPORARY EROSION AND SEDIMENT CONTROLS SHALL BE REMOVED.
19. ALL VEHICLES SHALL BE CLEANED BEFORE ENTERING ONTO THE PUBLIC RIGHT-OF-WAY.
20. THE WASH WATER FROM THE CONSTRUCTION ENTRANCE SHALL BE FILTERED THROUGH THE PROVIDED SILT FENCE TO RIGHT OF WAY. NO SEDIMENT LOADED RUNOFF IS ALLOWED TO RUNOFF ON TO THE ADJACENT PROPERTY OR THE PUBLIC RIGHT OF WAY.
21. INSTALL SILT FENCE AND TREE PROTECTION WHERE APPLICABLE.
22. DUST CONTROL SHALL BE ACCOMPLISHED BY TEMPORARY VEGETATIVE COVER AND BY IRRIGATION AS NEEDED.

**MAINTENANCE:**

1. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON-SITE AT ALL TIMES.
2. THE SUPPER SILT FENCE BARRIER WILL BE CHECKED REGULARLY FOR UNDERMINING OR DEGRADATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALFWAY TO THE TOP OF THE BARRIER.
3. THE SEEDING AREAS WILL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STAND OF GRASS IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RE-SEED AS NEEDED.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.

**VEGETATIVE PRACTICES:**

1. PERMANENT SEEDING: PERMANENT SEEDING SHALL BE APPLIED IN AREAS OF PERMANENT SEDIMENTATION. SEEDING SHALL BE APPLIED TO FINAL GRADE FOR ONE MONTH OR LONGER. AREAS WHICH WILL NOT BE BROUGHT TO FINAL GRADE FOR ONE MONTH OR LONGER. ALL DISTURBED AREAS WHICH ARE PLANNED TO BE LANDSCAPED SHALL BE SEEDED AND LANDSCAPED IMMEDIATELY. SEEDING SHALL BE APPLIED PRIOR TO MULCHING.
2. TEMPORARY SEEDING: ALL DENuded AREAS AND STOCKPILES WHICH WILL BE DORMANT FOR MORE THAN SEVEN DAYS DURING CONSTRUCTION SHALL BE SEEDED WITH FAST GERMINATING TEMPORARY VEGETATION IMMEDIATELY FOLLOWING GRADING. SELECTION OF THE SEED MIXTURE WILL DEPEND ON THE TIME OF YEAR IT IS APPLIED.

**MANAGEMENT STRATEGIES:**

1. CONSTRUCTION WILL BE SEQUENCED SO THAT GRADING OPERATIONS CAN BEGON AND END AS QUICKLY AS POSSIBLE.
2. SEDIMENT TRAPPING MEASURES WILL BE INSTALLED PRIOR TO GRADING AND WILL BE SEEDED AND MULCHED IMMEDIATELY FOLLOWING INSTALLATION.
3. TEMPORARY SEEDING OR OTHER STABILIZATION WILL FOLLOW IMMEDIATELY AFTER GRADING.
4. AREAS WHICH ARE NOT TO BE DISTURBED WILL BE CLEARLY MARKED BY FLAGS, SIGNS, FENCING, ETC.
5. AFTER ACHIEVING ADEQUATE STABILIZATION, THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITH APPROVAL OF THE INSPECTOR.
6. DUST CONTROL SHALL BE ACCOMPLISHED BY TEMPORARY VEGETATIVE COVER AND BY IRRIGATION, AS NEEDED.

**STOCKPILING:**

SHOULD THE NEED FOR OFF-SITE STOCKPILING OCCUR, A SEPARATE PLAN FOR EROSION AND SEDIMENT CONTROL IS TO BE SUBMITTED FOR ALL OFF-SITE STOCKPILE LOCATIONS. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE COORDINATED WITH THE SITE INSPECTOR.

**C3.20**

**PROJECT DESCRIPTION:**  
THIS PROJECT IS FOR THE CONSTRUCTION OF MULTIPLE MULTIFAMILY, TOWNHOUSE, AND RETAIL/OFFICE BUILDINGS AND ASSOCIATED SITE AND UTILITY INFRASTRUCTURE. THE DISTURBED AREA FOR THE SITE IS APPROXIMATELY 24.89 ACRES.

**EXISTING SITE CONDITIONS:**

THE PROPERTY CURRENTLY CONSISTS OF ABANDONED AREA AND HISTORIC WATER TREATMENT CELLS.

**ADJACENT AREA:**

THE PROPERTY IS BOUNDED BY MICHIGAN AVE. NW TO THE NORTH, 1ST STREET N.W. TO THE WEST, NORTH CAPITOL STREET TO THE EAST AND CHANNING STREET, N.W. TO THE SOUTH.

**OFFSITE AREA:**

THE ADJACENT PROPERTIES ARE FULLY DEVELOPED. MEASURES WILL BE PROVIDED TO FULLY PROTECT THEM FROM SEDIMENT AND EROSION.

**SOILS:**

THE CONTRACTOR SHALL REFER TO ALL AVAILABLE GEOTECHNICAL INFORMATION AVAILABLE.

**CRITICAL AREAS:**

THERE ARE NO KNOWN CRITICAL AREAS ON SITE.

**PROJECT DATES:**

CONSTRUCTION BEGIN DATE SHALL BE DETERMINED IN THE FUTURE AND INCLUDES STABILIZATION OF ALL DISTURBED AREAS.

**PROPOSED STRUCTURAL MEASURES**

**SAFETY FENCE:**  
A 3' MINIMUM BARRIER TO BE INSTALLED TO PREVENT ACCESS TO AN EROSION CONTROL MEASURE. IT ALSO PROHIBITS THE UNDESIRABLE USE OF AN EROSION CONTROL MEASURE BY THE PUBLIC. SAFETY FENCE SHALL BE PLACED ALONG THE BOUNDARIES OF THE PROPERTY AS SHOWN. A 12-FOOT GATE SHALL BE PLACED AT THE CONSTRUCTION ENTRANCES.

**SUPER SILT FENCE:**

A TEMPORARY SEDIMENT BARRIER CONSISTING OF SYNTHETIC FILTER FABRIC STRETCHED ACROSS AND ATTACHE TO SUPPORTING POSTS AND WIRE BACKING AND ENTRENCHED. SUPER SILT FENCE SHALL BE PLACED ALONG THE BOUNDARIES OF THE PROPERTY AS SHOWN, BY ATTACHING TO THE PROPOSED TEMPORARY SAFETY FENCE REQUIRED DURING THE COURSE OF THE PROJECT.

**STABILIZED CONSTRUCTION ENTRANCE:**

A TEMPORARY CONSTRUCTION ENTRANCE AND A VEHICLE WASH AREA SHALL BE PLACED WHERE INDICATED ON THE PLAN, BUT MAY BE RELOCATED TO OTHER AREAS AS THE PROJECT DEVELOPS, WITH THE APPROVAL OF THE INSPECTOR. A WATER TRUCK SHALL BE THE WATER SOURCE FOR THE WASH RACK. MUD AND DEBRIS SHALL BE WASHED FROM ALL CONSTRUCTION VEHICLES AND EQUIPMENT PRIOR TO ENTERING PUBLIC STREETS.

**INLET PROTECTION:**

TEMPORARY SEDIMENT FILTER SHALL BE PLACED AT ALL EXISTING AND PROPOSED INLETS AS INDICATED ON PLAN AND SHALL REMAIN IN PLACE UNTIL TRIBUTARY AREAS HAVE BEEN STABILIZED. SEDIMENT-LOADED WATER SHALL BE FILTERED BEFORE ENTERING THE STORM SEWER INLETS.

**PERMANENT STABILIZATION:**

1. ALL UNPAVED AREAS SHALL BE PERMANENTLY SEEDED OR SOODED, OR LANDSCAPED PRIOR TO THE REMOVAL OF TEMPORARY SALTATION CONTROL MEASURES.
2. ANY DISTURBED AREAS OF THE SITE THAT ARE NOT TO BE WORKED FOR SEVEN OR MORE CALENDAR DAYS MUST BE STABILIZED.

3. ANY DENuded SLOPES, EITHER DISTURBED OR CREATED BY THIS PLAN THAT EXCEED 25% ARE TO BE SOODED AND PEGGED FOR STABILITY AND EROSION CONTROL.
4. ALL TEMPORARY EARTH BERMS, DIVERSIONS AND SEDIMENT CONTROL DAMS SHALL BE SEEDED AND MULCHED OR OTHERWISE STABILIZED AS SOON AS POSSIBLE BUT NO LATER THAN 48 HOURS AFTER GRADING.

5. ANY STOCKPILED MATERIAL WHICH WILL REMAIN IN PLACE LONGER THAN 10 DAYS IS TO BE SEDED FOR TEMPORARY VEGETATION AND MULCHED WITH STRAW MULCH OR OTHERWISE STABILIZED. ALL APPLICABLE EROSION AND SEDIMENT CONTROL MEASURES MUST BE EMPLOYED FOR STOCKPILE AREAS.
6. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENuded AREAS WITHIN 7 DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENuded AREAS THAT MAY NOT BE AT FINAL GRADE, BUT WILL NOT BE WORKED ON FOR SEVEN OR MORE CALENDAR DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN 90 DAYS. ANY STOCKPILED MATERIAL WHICH WILL REMAIN IN PLACE LONGER THAN 10 DAYS MUST BE SEEDED FOR TEMPORARY VEGETATION AND MULCHED WITH STRAW MULCH OR OTHERWISE STABILIZED.

**EROSION CONTROL:**

EROSION SHALL BE MINIMIZED UTILIZING CONTROL DEVICES AS IDENTIFIED BY ON THIS SHEET. THESE CONTROLS HAVE BEEN SELECTED TO MINIMIZE SEDIMENT AND EROSION TO ADJACENT PROPERTIES AND TRAVELING BY THE FOLLOWING:

1. IN CONSIDERATION OF THE ERODIBLE SOILS WITHIN THE SITE, CONTRACTORS SHALL EVALUATE THE SITE TO DETERMINE EXTENSIVE CUT AND FILL AREAS AND SHALL WORK THOSE AREAS TO MINIMIZE THE EXTENT OF HEAVY EQUIPMENT WORK. CONTRACTOR SHALL STRIVE TO BRING AREAS TO GRADE (ROUGH OR FINISH) AND TO STABILIZE BY TEMPORARY OR PERMANENT VEGETATION. THESE DISTURBED AREAS PRIOR TO BEGINNING WORK IN ANOTHER AREA.
2. FILL AREAS SHALL BE COMPACTED COMPLETELY PRIOR TO THE END OF EACH WORK DAY. FILL SLOPE SURFACES SHALL BE PROTECTED FROM EROSION BY THE CONTRACTOR OR ANOTHER PARTY. CONTRACTOR SHALL DIRECTLY CONCENTRATED RUNOFF, BY EARTH BERMS OR OTHER DEVICES, AROUND ACTIVELY DISTURBED AREAS TO STABILIZE OUTLETS.
3. CUT SLOPES, AS NECESSARY, SHALL BE PROTECTED FROM CONCENTRATED FLOW BY BERMS ABOVE THE SLOPE AND DIRECTED AROUND THE DISTURBED AREA TO STABILIZED OUTLET.
4. IN NEW PAVEMENT AREAS, PLACE THE AGGREGATE BASE STONE ON THE FINISH SUBGRADE AT THE EARLIEST POSSIBLE TIME.
5. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CARRIED OUT AND MAINTAINED ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE CURRENT VERSION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.
6. ADDITIONAL EAS CONTROLS MAY BE REQUIRED BY THE INSPECTOR AS NECESSARY.
7. IN THE EVENT THAT TREE PROTECTION CAN NOT BE INSTALLED AT THE DRIP LINE, CONTACT THE CITY ARBORIST FOR FURTHER DIRECTION.
8. SEPARATE PERMITS ARE REQUIRED FOR UTILITY WORK IN THE RIGHT-OF-WAY.

**UTILITY WORK:**

1. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME. ALL EXCAVATED MATERIAL TO BE REPLACED INTO THE TRENCH SHALL BE STOCKPILED ON THE HIGH SIDE OF THE TRENCH.
2. IF ANY TRENCH WORK WILL REMAIN OPEN AFTER THE END OF THE WORKDAY ALL NEEDED EROSION AND SEDIMENT CONTROLS SHALL BE EMPLOYED APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES AS NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY DCRA.



### DETAIL E-1 SUPER SILT FENCE

**CONSTRUCTION SPECIFICATIONS:**

- FENCE SHALL BE 24" HIGH AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST DETAIL FOR CHAIN LINK FENCING (P.E. 807.01). THE SPECIFICATION PRINTS DO NOT NEED TO BE SET IN CONCRETE. 2" FABRIC AND 6" LENGTH POSTS.
- CHAIN LINK FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES. THE LOWER TENSION WIRE, BRACE AND TIES SHALL BE WELDED TO THE POSTS WITH WIRE TIES. WIRE TIES SHALL BE PLACED AT 6" ON CENTER.
- EVERY 24" SHALL BE FASTENED SECURELY TO THE CHAIN LINK FENCE WITH TIES PLACED EVERY 24" AT THE TOP AND MID-SECTION.
- FILTER CLOTH SHALL BE EMBEDDED A MINIMUM OF 6" INTO THE GROUND.
- WHEN TWO SECTIONS OF FILTER CLOTH JOIN EACH OTHER, THEY SHALL BE OVERLAPPED.
- MAINTENANCE SHALL BE PERFORMED AS WELDED AND SET IN JULIUS. WHEN WELDED, MAINTENANCE SHALL BE PERFORMED AS WELDED AND SET IN JULIUS.
- FILTER CLOTH SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS PER GEOTEXTILE CLASS E:

**CHAIN LINK FENCE REQUIREMENTS:**

TENSILE STRENGTH	50 LBS./IN. (MIN.)	TEST: ASTM D-882
TENSILE MODULUS	20 LBS./IN. (MIN.)	TEST: ASTM D-882
FLOW RATE	0.3 GAL./SQ. FT./MINUTE (MAX.)	TEST: ASTM D-814
FILTRATION EFFICIENCY	75% (MIN.)	TEST: ASTM D-814

**CROSS SECTION:**

SLOPE	SLOPE STRENGTH	SLOPE LENGTH (MAXIMUM)	SILT FENCE LENGTH (MINIMUM)
3:1 TO 1:1	UNLIMITED	UNLIMITED	UNLIMITED
2:1 TO 3:1	UNLIMITED	UNLIMITED	UNLIMITED
1:1 TO 2:1	UNLIMITED	UNLIMITED	UNLIMITED
FLAT	UNLIMITED	UNLIMITED	UNLIMITED

**NOTE:** THIS DETAIL SHALL BE USED FOR THE FENCE PORTION OF THE PROPOSED SUPER SILT FENCE ON PAVEMENT. THE SILT FENCE ON PAVEMENT DETAIL WILL BE USED FOR MOUNTING THE FENCE.

**CONSTRUCTION SPECIFICATIONS:**

- USE NOMINAL 2 INCH X 4 INCH LUMBER.
- USE NOMINAL SILT FENCE FILM GEOTEXTILE AS SHOWN IN SECTION H-1 MATERIALS.
- PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENVIRONMENTAL AUTHORITY SHOWING THAT THE GEOTEXTILE MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
- SPACE UPRIGHT SUPPORTS NO MORE THAN 10 FEET APART.
- PROVIDE A TWO FOOT GAP BETWEEN EVERY SET OF SUPPORTS AND PLACE STONE IN THE GAP OVER GEOTEXTILE.
- KEEP SILT FENCE TIGHT AND SECURELY STAPLE TO THE UPRIGHT SIDE OF UPRIGHT SUPPORTS.
- KEEP GEOTEXTILE UNDER TENSION.
- WITH THE DETAIL WITH LAMINATE.
- PROVIDE A MASTIC SEAL BETWEEN PAVEMENT, GEOTEXTILE, AND STAPLE TO PREVENT SEepage/WATER FROM ESCAPING BEHIND SILT FENCE INSTALLATION.
- SECURE STAPLES TO PAVEMENT WITH 400 5 INCH MINIMUM LENGTH NAILS.
- REMOVE ACCUMULATED SEDIMENT AND DEBRIS FROM SILT FENCE OR WHEN SEDIMENT REACHES TOP OF FENCE, LIGHT, REPLACE GEOTEXTILE IF TORN, MAINTAIN WATER TIGHT SEAL ALONG BOTTOM. REPLACE STAPLE IF DISPLACED.

**STANDARD SYMBOL: SSF**

U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCE CONSERVATION SERVICE, 2011

WATERSHED PROTECTION DIVISION, DISTRICT OF COLUMBIA DEPARTMENT OF THE ENVIRONMENT, WASTE MANAGEMENT ADMINISTRATION

DMG. NO. 626.06

### DETAIL E-2 SILT FENCE ON PAVEMENT

**CONSTRUCTION SPECIFICATIONS:**

- USE NOMINAL 2 INCH X 4 INCH LUMBER.
- USE NOMINAL SILT FENCE FILM GEOTEXTILE AS SHOWN IN SECTION H-1 MATERIALS.
- PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENVIRONMENTAL AUTHORITY SHOWING THAT THE GEOTEXTILE MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
- SPACE UPRIGHT SUPPORTS NO MORE THAN 10 FEET APART.
- PROVIDE A TWO FOOT GAP BETWEEN EVERY SET OF SUPPORTS AND PLACE STONE IN THE GAP OVER GEOTEXTILE.
- KEEP SILT FENCE TIGHT AND SECURELY STAPLE TO THE UPRIGHT SIDE OF UPRIGHT SUPPORTS.
- KEEP GEOTEXTILE UNDER TENSION.
- WITH THE DETAIL WITH LAMINATE.
- PROVIDE A MASTIC SEAL BETWEEN PAVEMENT, GEOTEXTILE, AND STAPLE TO PREVENT SEepage/WATER FROM ESCAPING BEHIND SILT FENCE INSTALLATION.
- SECURE STAPLES TO PAVEMENT WITH 400 5 INCH MINIMUM LENGTH NAILS.
- REMOVE ACCUMULATED SEDIMENT AND DEBRIS FROM SILT FENCE OR WHEN SEDIMENT REACHES TOP OF FENCE, LIGHT, REPLACE GEOTEXTILE IF TORN, MAINTAIN WATER TIGHT SEAL ALONG BOTTOM. REPLACE STAPLE IF DISPLACED.

**STANDARD SYMBOL: SSF**

U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCE CONSERVATION SERVICE, 2011

WATERSHED PROTECTION DIVISION, DISTRICT OF COLUMBIA DEPARTMENT OF THE ENVIRONMENT, WASTE MANAGEMENT ADMINISTRATION

### DETAIL 6C - CURB INLET PROTECTION (COG OR COS INLETS)

**CONSTRUCTION SPECIFICATIONS:**

- Attach a continuous piece of stone mesh (3/4" minimum width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 2") as shown on the standard drawing.
- Place a continuous piece of Geotextile Class E the same dimensions as the wire mesh over the wire mesh and securely attach it to the 2" x 4" weir.
- Securely nail the 2" x 4" weir to a 9" long vertical spacer to be located between the weir and the inlet face (max. 4" apart).
- Place the assembly against the inlet throat and nail (minimum 2" lengths of mesh over the wire mesh and securely attach it to the 2" x 4" anchors) extend across the inlet top and be held in place by sandbags or alternate weight.
- The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.
- From the 1/2" x 1/2" wire mesh and the geotextile fabric to the concrete gutter and stone over the face of the curb on both sides of the inlet. Place about 3/4" x 1 1/2" stones over the face of the curb 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 storm flow does not bypass the inlet by installing a temporary earth or asphalt dike to direct the flow to the inlet.

**STANDARD SYMBOL: COP**

U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCE CONSERVATION SERVICE, 2011

WATERSHED PROTECTION DIVISION, DISTRICT OF COLUMBIA DEPARTMENT OF THE ENVIRONMENT

### SAFETY FENCE

**CONSTRUCTION SPECIFICATIONS:**

- Attach a continuous piece of polyethylene fabric to the concrete gutter and stone over the face of the curb on both sides of the inlet. Place about 3/4" x 1 1/2" stones over the face of the curb 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 storm flow does not bypass the inlet by installing a temporary earth or asphalt dike to direct the flow to the inlet.

**STANDARD SYMBOL: SAF**

U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCE CONSERVATION SERVICE, 2011

WATERSHED PROTECTION DIVISION, DISTRICT OF COLUMBIA DEPARTMENT OF THE ENVIRONMENT

### DETAIL 2 - STABILIZED CONSTRUCTION ENTRANCE WITH WASH RACK

**CONSTRUCTION SPECIFICATIONS:**

- Wash rack shall be installed here as needed to keep out clean flows, or keep dirty runoff from leaving site.
- Wash rack shall be constructed of concrete or masonry with a minimum of 6" thick reinforced concrete or masonry walls.
- Wash rack shall be constructed of concrete or masonry with a minimum of 6" thick reinforced concrete or masonry walls.
- Wash rack shall be constructed of concrete or masonry with a minimum of 6" thick reinforced concrete or masonry walls.

**STANDARD SYMBOL: CS**

U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCE CONSERVATION SERVICE, 2011

WATERSHED PROTECTION DIVISION, DISTRICT OF COLUMBIA DEPARTMENT OF THE ENVIRONMENT

### CONSTRUCTION SPECIFICATION

- LENGTH - MIN. OF 50' RAMP X 30' RAMP 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.
- 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. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MIN. OF 6" OF STONE OVER THE PIPE. PIPE HAS TO BE COVERED ACCORDING TO THE SPECIFICATIONS. WHEN THE STONE IS COVERED, THE PIPE SHALL BE SEED ACCORDING TO THE AMOUNT OF RUNOFF TO BE CONVEYED. A 6" MIN. WILL BE REQUIRED.
- 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.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY WHEN WASHING IS REQUIRED. IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

**TEMPORARY SEEDING SUMMARY**

PLANTING DATES	SPECIES	SEEDING RATE (LBS./AC)		LIME RATE
		DEPTH	PERCENT	
SEPT. 1 - FEB. 15	50/50 MAX OF ANNUAL RYEGRASS (LOULUM MULTI-FLOSUM) AND CEREAL (WINTER) RYE (SECALE CEREALE)	50-100	20%	2000/AC (92b/1000g)
FEB. 16 - APRIL 30	ANNUAL RYEGRASS (LOULUM MULTI-FLOSUM)	60-100	20%	2000/AC (92b/1000g)
MAY 1 - AUGUST 31	BERMAN MILLET (SETARIA ITALICA)	50	20%	2000/AC (92b/1000g)

### TABLE 3.32-D SITE SPECIFIC SEEDING MIXTURES FOR COASTAL PLAIN AREA

Minimum Care Lawn	Total Lbs. Per Acre
- Commercial or Residential	175-200 lbs.
- Kentucky 31 or Turf-Type Tall Fescue	75 lbs.
- Common Bermudagrass **	200-250 lbs.
- High-Maintenance Lawn	40 lbs. (unhulled)
- Kentucky 31 or Turf-Type Tall Fescue	30 lbs. (hulled)
- Hybrid Bermudagrass (seed) **	128 lbs.
- Hybrid Bermudagrass (by other vegetative establishment method, see Sid. & Spec. 3.34)	2 lbs.
- General Slope (3:1 or less)	20 lbs.
- Kentucky 31 Fescue	150 lbs.
- Red Top Grass	93-108 lbs.
- Seasonal Nurse Crop *	0-15 lbs.
- Low Maintenance Slope (Steeper than 3:1)	2 lbs.
- Kentucky 31 Tall Fescue	20 lbs.
- Common Bermudagrass **	20 lbs.
- Red Top Grass	150 lbs.
- Seasonal Nurse Crop *	150 lbs.
- Sericea Lespedeza **	

\* Use seasonal nurse crop in accordance with seeding dates as stated below:  
 February, March through April ..... Annual Rye  
 May 1st through August ..... Foxtail Millet  
 September, October through November 15th ..... Annual Rye  
 November 16th through January ..... Winter Rye

\*\* May through October, use hulled seed. All other seeding periods, use unhulled seed. Weeping Lovegrass may be added to any slope or low-maintenance mix during warmer seeding periods; add 10-20 lbs./acre in mixes.

### DETAIL 6B - AT GRADE INLET PROTECTION

**CONSTRUCTION SPECIFICATIONS:**

- 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" to 6" thick on the grate to secure the fabric and provide additional filtration.

**STANDARD SYMBOL: AGIP**

U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCE CONSERVATION SERVICE, 2011

WATERSHED PROTECTION DIVISION, DISTRICT OF COLUMBIA DEPARTMENT OF HEALTH

C3.30





