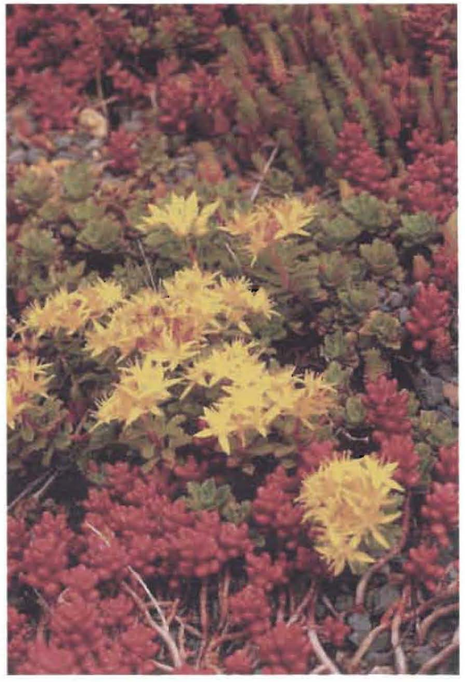
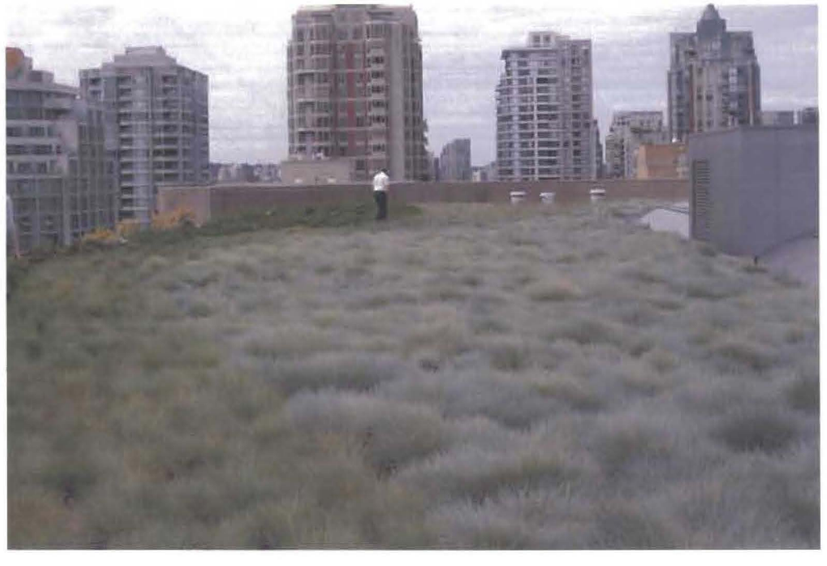
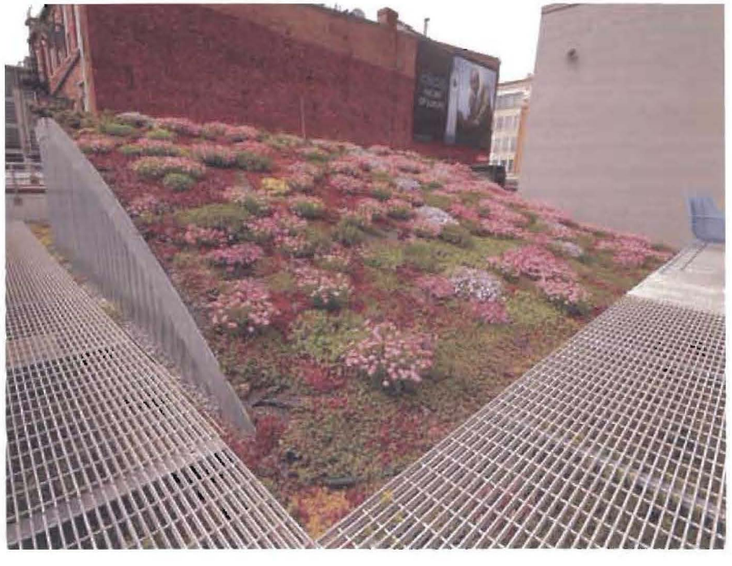
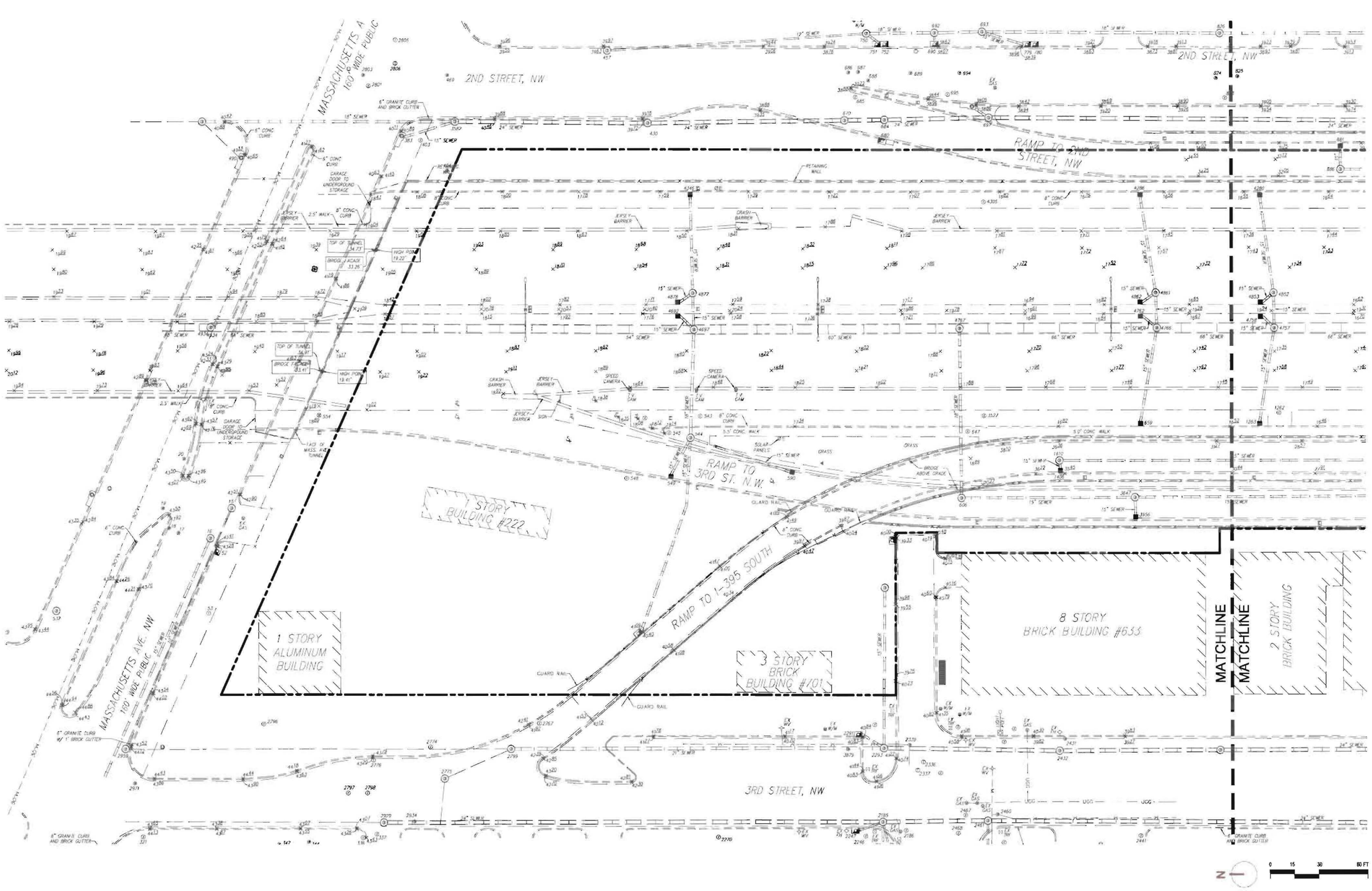
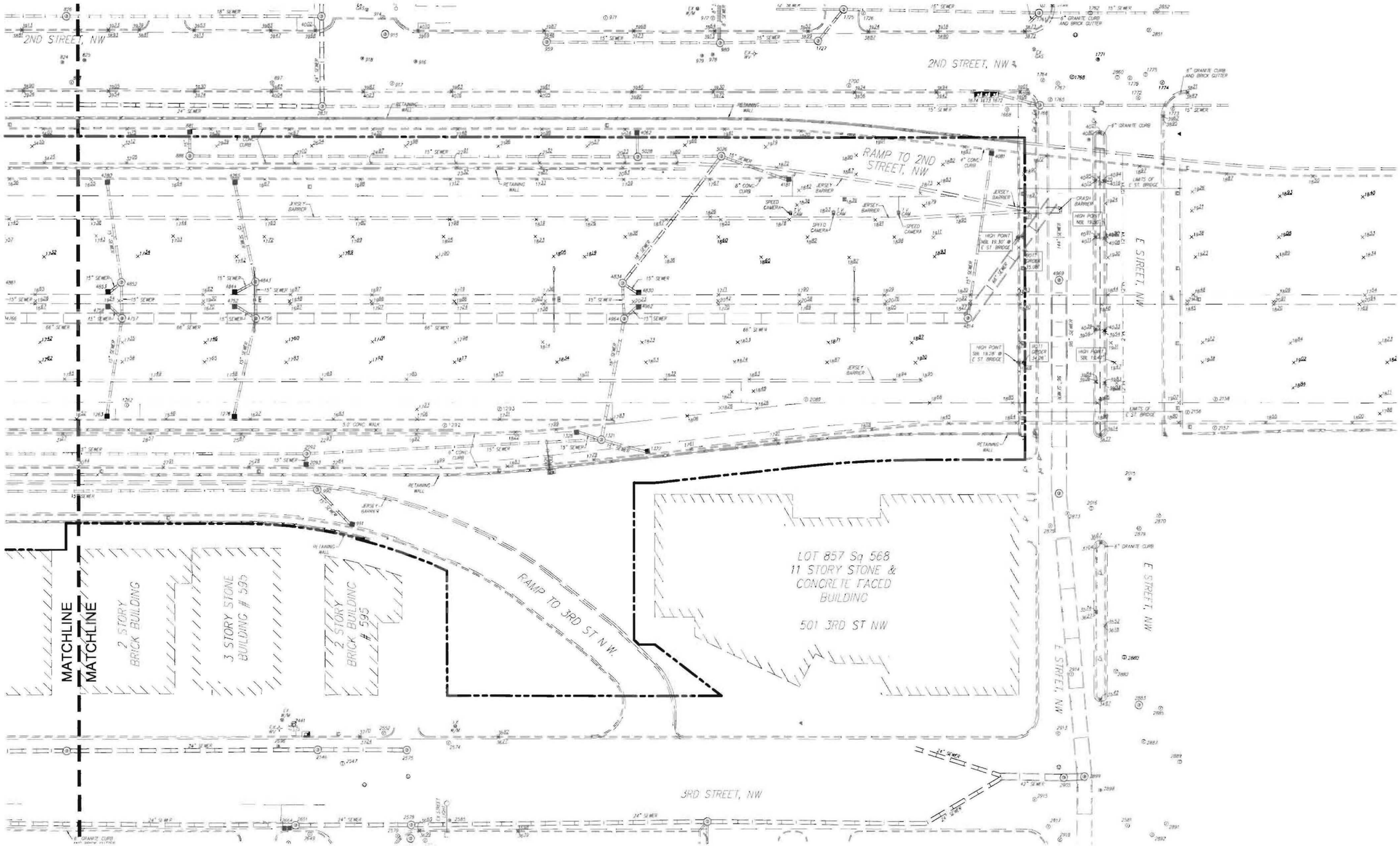




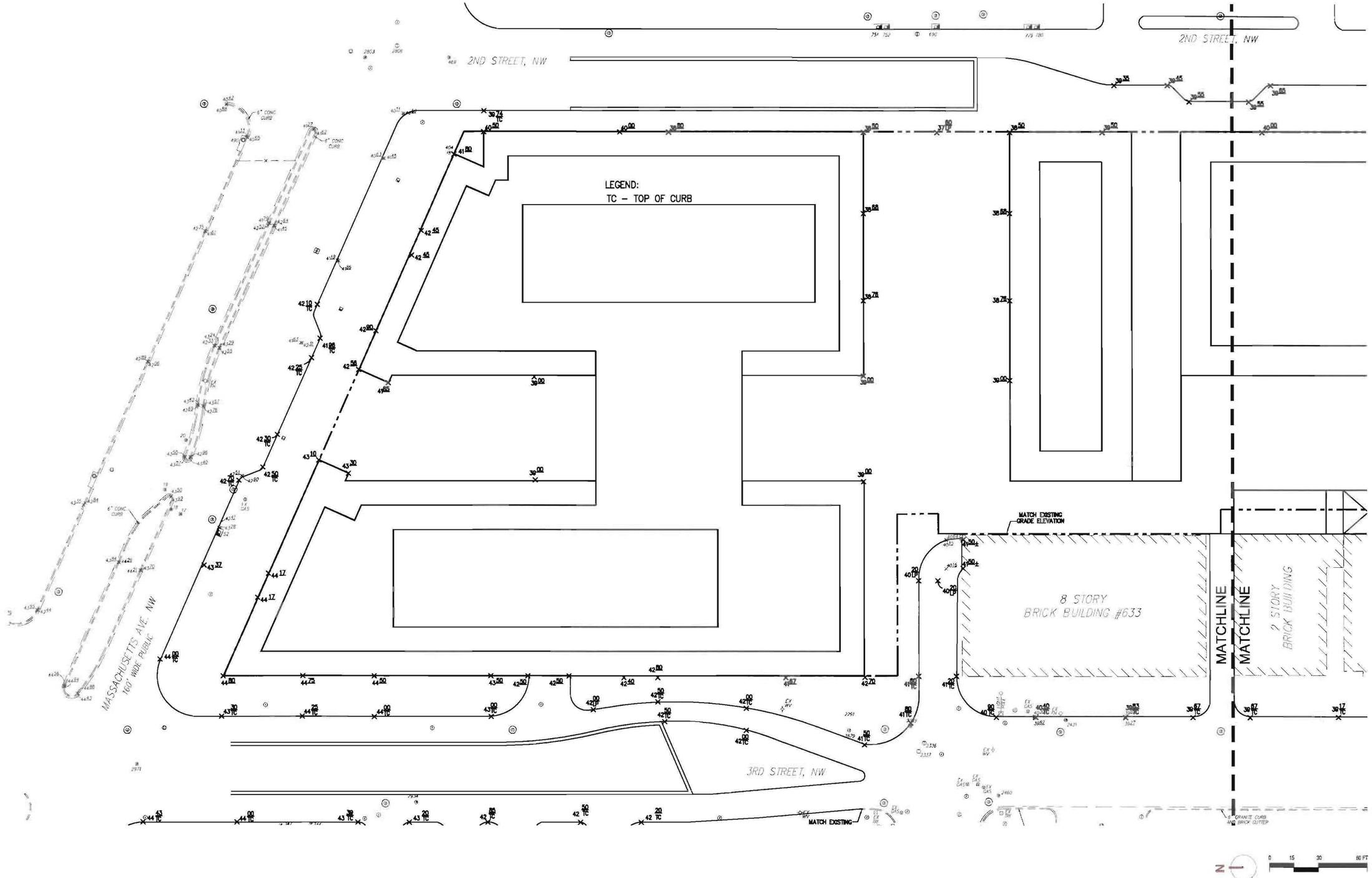


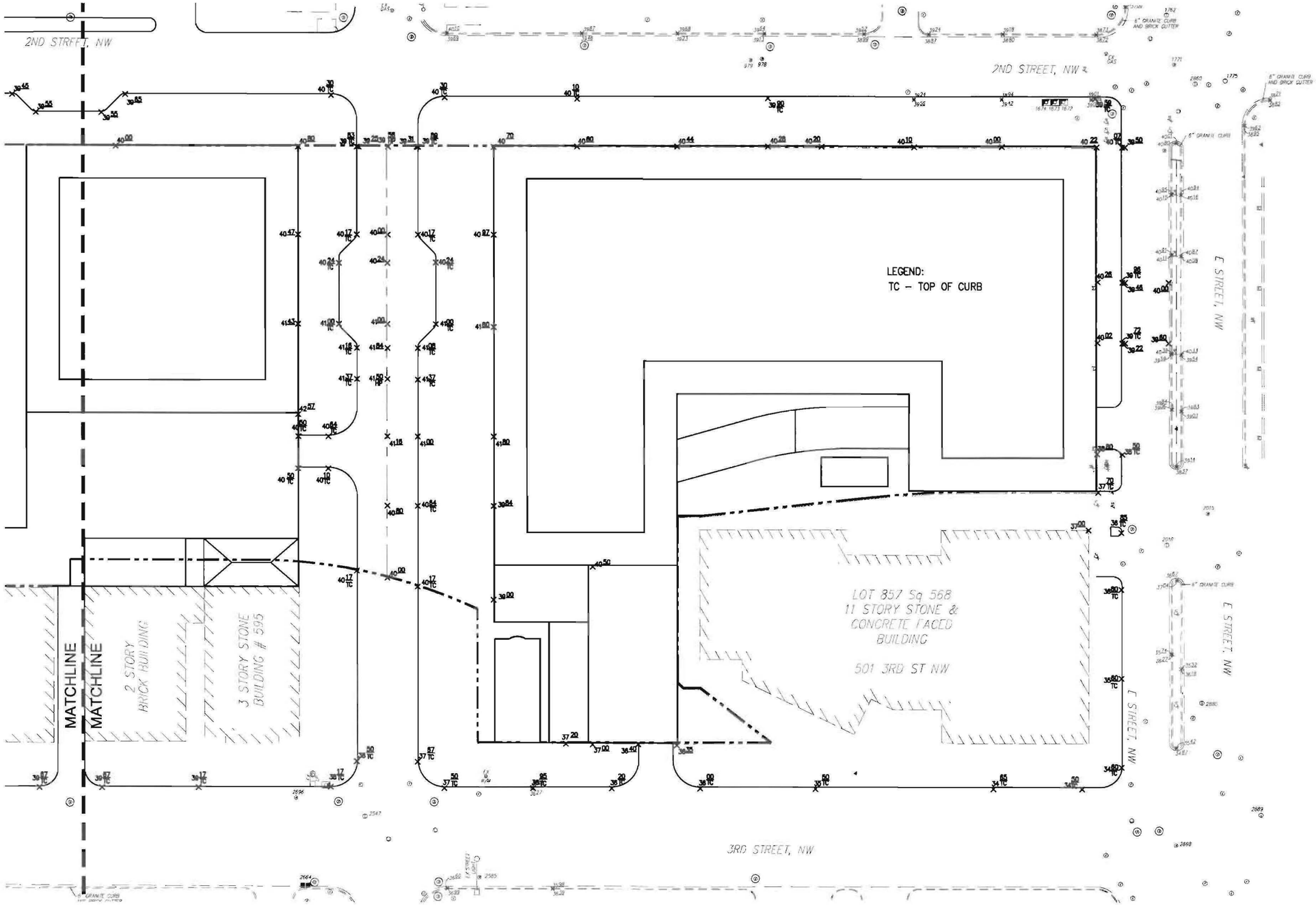

MASSACHUSETTS AVE. NW
110' WIDE PUBLIC
2ND STREET, NW
RAMP TO 2ND STREET, NW
RAMP TO 3RD ST. N.W.
RAMP TO I-395 SOUTH
1 STORY ALUMINUM BUILDING
3 STORY BRICK BUILDING #701
8 STORY BRICK BUILDING #633
2 STORY BRICK BUILDING
MATCHLINE
MATCHLINE
3RD STREET, NW
6" GRANITE CURB AND BRICK GUTTER
6" CONC CURB
8" CONC CURB
5.5' CONC WALK
2.5' WALK
JERSEY BARRIER
CRASH BARRIER
SPEED CAMERA
SOLAR PANELS
GUARD RAIL
RETAINING WALL
BRIDGE ABOVE GRADE
TOP OF TUNNEL
BRIDGE FACADE
HIGH POINT
FACE OF MASS. AVE. TUNNEL
GARAGE DOOR TO UNDERGROUND STORAGE
15" SEWER
24" SEWER
54" SEWER
60" SEWER
66" SEWER
UGG
N
0 15 30 60 FT

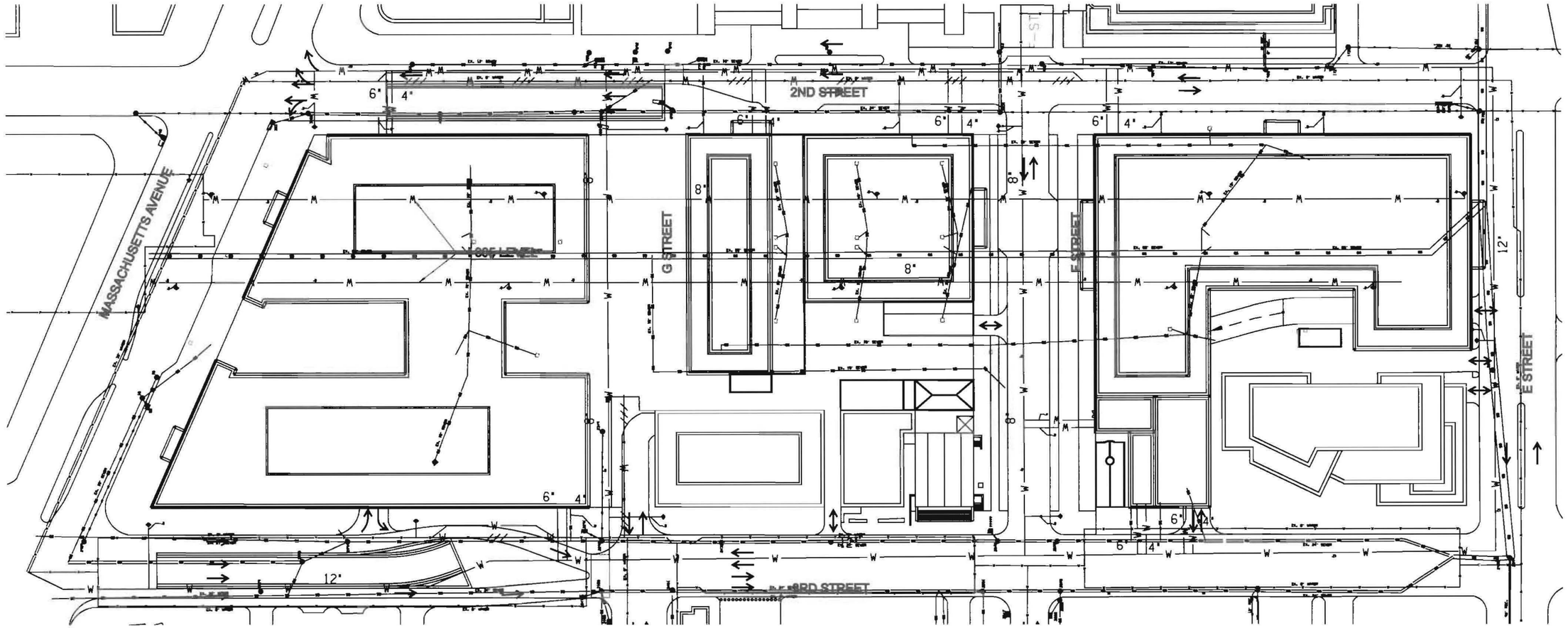

2ND STREET, NW
RAMP TO 2ND STREET, NW
E STREET, NW
LIMITS OF E ST. BRIDGE
6" GRANITE CURB AND BRICK GUTTER
6" GRANITE CURB
6" CONC. CURB
CRASH BARRIER
JERSEY BARRIER
SPEED CAMERA
HIGH POINT
RETAINING WALL
MATCHLINE
MATCHLINE
2 STORY BRICK BUILDING
3 STORY STONE BUILDING # 595
2 STORY BRICK BUILDING # 595
RAMP TO 3RD ST N.W.
LOT 857 Sq 568
11 STORY STONE & CONCRETE FACED BUILDING
501 3RD ST NW
3RD STREET, NW
5.0' CONC. WALK
66" SEWER
24" SEWER
15" SEWER
18" SEWER
42" SEWER

N

0 15 30 60 FT


2ND STREET, NW
2ND STREET, NW
LEGEND:
TC – TOP OF CURB
MASSACHUSETTS AVE. NW
160' WIDE PUBLIC
3RD STREET, NW
8 STORY
BRICK BUILDING #633
2 STORY
BRICK BUILDING
MATCHLINE
MATCHLINE
MATCH EXISTING
GRADE ELEVATION
MATCH EXISTING
6" CONC CURB
GRANITE CURB
AND BRICK GUTTER
N
0 15 30 60 FT


2ND STREET, NW
2ND STREET, NW
LEGEND:
TC – TOP OF CURB
LOT 857 Sq 568
11 STORY STONE &
CONCRETE FACED
BUILDING
501 3RD ST NW
2 STORY
BRICK BUILDING
3 STORY STONE
BUILDING # 595
MATCHLINE
MATCHLINE
E STREET, NW
E STREET, NW
3RD STREET, NW
6" GRANITE CURB
AND BRICK GUTTER
6" GRANITE CURB
N
0
15
30
60 FT



Preliminary Waterline Design - Quantities

Item	Quantity	
Fire Hydrant	19	Each
6" Waterline - Fire Hydrant Service, Trench	420	LF
6" Waterline - Buiding Fire Service, Trench	450	LF
4" Waterline - Domestic Service, Trench	450	LF
8" Waterline - Ductile Iron, Restrained Joint, Trench	3420	LF
8" Waterline - Ductile Iron, Restrained Joint, Suspended	500	LF
12" Waterline - Ductile Iron, Restrained Joint, Trench	2740	LF

N

0 10 25 50 FT

LEGEND:

EXISTING COMBINED SEWER TO BE REMOVED — CS — CS

PROPOSED COMBINED SEWER

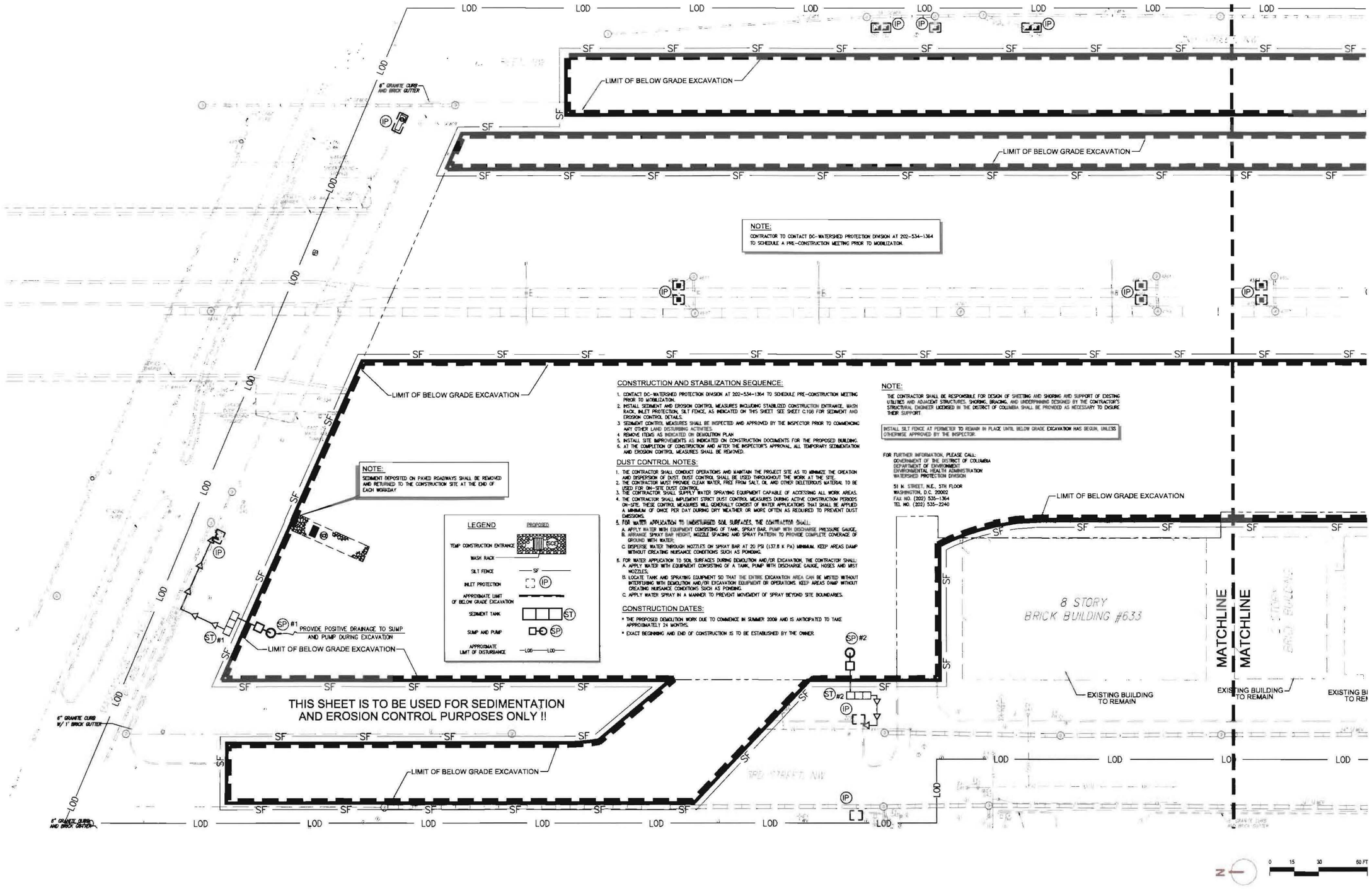
EXISTING WATER LINE TO BE REMOVED — W —

PROPOSED WATER — W —

PROPOSED STORM DRAIN

PROPOSED SANITARY SEWER LATERALS

PROPOSED FIRE HYDRANT


LOD
SF
LIMIT OF BELOW GRADE EXCAVATION
6" GRANITE CURB AND BRICK GUTTER
NOTE:
CONTRACTOR TO CONTACT DC-WATERSHED PROTECTION DIVISION AT 202-534-1364 TO SCHEDULE A PRE-CONSTRUCTION MEETING PRIOR TO MOBILIZATION.
NOTE:
SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE AT THE END OF EACH WORKDAY
LEGEND
PROPOSED
TEMP CONSTRUCTION ENTRANCE
SCE
WASH RACK
SILT FENCE
INLET PROTECTION
IP
APPROXIMATE LIMIT OF BELOW GRADE EXCAVATION
SEDIMENT TANK
ST
SUMP AND PUMP
SP
APPROXIMATE LIMIT OF DISTURBANCE
SP #1
PROVIDE POSITIVE DRAINAGE TO SUMP AND PUMP DURING EXCAVATION
ST #1
CONSTRUCTION AND STABILIZATION SEQUENCE:
1. CONTACT DC-WATERSHED PROTECTION DIVISION AT 202-534-1364 TO SCHEDULE PRE-CONSTRUCTION MEETING PRIOR TO MOBILIZATION.
2. INSTALL SEDIMENT AND EROSION CONTROL MEASURES INCLUDING STABILIZED CONSTRUCTION ENTRANCE, WASH RACK, INLET PROTECTION, SILT FENCE, AS INDICATED ON THIS SHEET SEE SHEET C.100 FOR SEDIMENT AND EROSION CONTROL DETAILS.
3. SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE INSPECTOR PRIOR TO COMMENCING ANY OTHER LAND DISTURBING ACTIVITIES.
4. REMOVE ITEMS AS INDICATED ON DEMOLITION PLAN
5. INSTALL SITE IMPROVEMENTS AS INDICATED ON CONSTRUCTION DOCUMENTS FOR THE PROPOSED BUILDING.
6. AT THE COMPLETION OF CONSTRUCTION AND AFTER THE INSPECTOR'S APPROVAL, ALL TEMPORARY 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.
CONSTRUCTION DATES:
* THE PROPOSED DEMOLITION WORK DUE TO COMMENCE IN SUMMER 2009 AND IS ANTICIPATED TO TAKE APPROXIMATELY 24 MONTHS.
* EXACT BEGINNING AND END OF CONSTRUCTION IS TO BE ESTABLISHED BY THE OWNER.
THIS SHEET IS TO BE USED FOR SEDIMENTATION AND EROSION CONTROL PURPOSES ONLY !!
NOTE:
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.
INSTALL SILT FENCE AT PERIMETER TO REMAIN IN PLACE UNTIL BELOW GRADE EXCAVATION HAS BEGUN, UNLESS OTHERWISE APPROVED BY THE INSPECTOR.
FOR FURTHER INFORMATION, PLEASE CALL:
GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF ENVIRONMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
WATERSHED PROTECTION DIVISION
51 N. STREET, N.E., 5TH FLOOR
WASHINGTON, D.C. 20002
FAX NO. (202) 535-1364
TEL NO. (202) 535-2240
8 STORY
BRICK BUILDING #633
EXISTING BUILDING TO REMAIN
MATCHLINE
MATCHLINE
EXISTING BUILDING TO REMAIN
EXISTING BUILDING TO REMAIN
6" GRANITE CURB W/ 1' BRICK GUTTER
6" GRANITE CURB AND BRICK GUTTER
#2
0 15 30 60 FT

LIMIT OF BELOW GRADE EXCAVATION

LIMIT OF BELOW GRADE EXCAVATION

EXISTING BUILDING TO REMAIN

PROVIDE POSITIVE DRAINAGE TO SUMP AND PUMP DURING EXCAVATION

TOTAL AREA OF DISTURBANCE:
AREA: 610,566 SQ.FT. OR 14.02 AC +/-

NOTE:
SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE AT THE END OF EACH WORKDAY.

LIMIT OF BELOW GRADE EXCAVATION

MATCHLINE

MATCHLINE

EXISTING BUILDING TO REMAIN

EXISTING BUILDING TO REMAIN

THIS SHEET IS TO BE USED FOR SEDIMENTATION AND EROSION CONTROL PURPOSES ONLY !!

LEGEND PROPOSED

TEMP CONSTRUCTION ENTRANCE

WASH RACK

SILT FENCE

INLET PROTECTION

APPROXIMATE LIMIT OF BELOW GRADE EXCAVATION

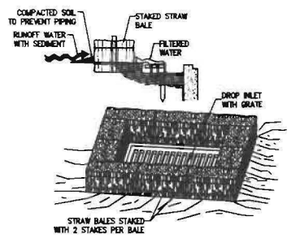
SEDIMENT TANK

SUMP AND PUMP

APPROXIMATE LIMIT OF DISTURBANCE

N

0 15 30 60 FT



SPECIFIC APPLICATION:
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

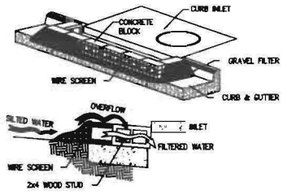
STRAW BALE DROP INLET SEDIMENT FILTER

(NOT TO SCALE)

SPECIFIC APPLICATION:
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

BURLAP DROP INLET SEDIMENT FILTER

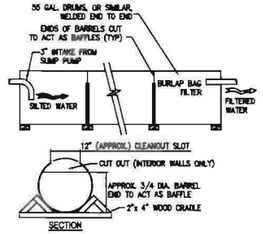
(NOT TO SCALE)



CURB INLET SEDIMENT FILTER

(NOT TO SCALE)

1. TWO CONCRETE BLOCKS SHALL BE PLACED ON THEIR SIDES ABUTTING THE CURB AT EITHER SIDE OF THE INLET OPENING.
2. A 2 INCH BY 4 INCH STUD SHALL BE CUT AND PLACED THROUGH THE OUTER HOLES OF EACH SPACER BLOCK TO HELP KEEP THE FRONT BLOCKS IN PLACE.
3. CONCRETE BLOCKS SHALL BE PLACED ON THEIR SIDES ACROSS THE FRONT OF THE INLET AND ABUTTING THE SPACER BLOCKS AS ILLUSTRATED.
4. WIRE MESH SHALL BE PLACED OVER THE OUTSIDE VERTICAL FACE (OPENING) OF THE CONCRETE BLOCKS TO PREVENT STONE FROM BEING WASHED THROUGH THE HOLES IN THE BLOCKS. CHICKEN WIRE OR HARDWARE CLOTH WITH 1/2-INCH OPENINGS SHALL BE USED.
5. TWO TO THREE INCH STONE SHALL BE PILED AGAINST THE WIRE TO THE TOP OF THE BARRIER AS SHOWN.
6. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONE MUST BE PULLED AWAY FROM THE BLOCKS, CLEANED AND REPLACED.



SECTION

CONSTRUCTION NOTES:

1. THE STRUCTURE MAY BE CONSTRUCTED WITH STEEL DRUMS, STURDY WOOD OR OTHER MATERIAL SUITABLE FOR HANDLING THE PRESSURE EXERTED BY THE VOLUME OF THE WATER.
2. SEDIMENT TANKS WILL HAVE A MINIMUM DEPTH OF TWO FEET.
3. THE SEDIMENT TANK SHALL BE LOCATED FOR EASY CLEAN-OUT AND DISPOSAL OF THE TRAPPED SEDIMENT AND TO MINIMIZE THE INTERFERENCE WITH CONSTRUCTION ACTIVITIES.
4. THE FOLLOWING FORMULA SHALL BE USED TO DETERMINE THE STORAGE VOLUME OF THE SEDIMENT TANK.

   PUMP DISCHARGE (G.P.M.)X16=CUBIC FEET OF STORAGE REQUIRED

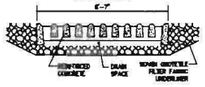
5. ONCE THE WATER LEVEL NEARS THE TOP OF THE TANK, THE PUMP MUST BE SHUT OFF WHILE THE TANK DRAINS AND ADDITIONAL CAPACITY IS MADE AVAILABLE.
6. THE TANK SHALL BE DESIGNED TO ALLOW FOR EMERGENCY FLOW OVER TOP OF THE TANK.
7. CLEAN-OUT OF THETANK IS REQUIRED ONCE ONE-THIRD OF THE ORIGINAL CAPACITY IS DEPLETED DUE TO SEDIMENT ACCUMULATION. THE TANK SHALL BE CLEARLY MARKED SHOWING THE CLEAN-OUT POINT.

PORTABLE SEDIMENT TANK

(NOT TO SCALE)

VEHICLE WASH DETAIL

(NOT TO SCALE)

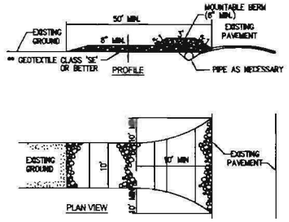


WASH RACK DETAIL

(NOT TO SCALE)

MAINTENANCE:

STABILIZED CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS. BY ADDING ROCK. A STOCKPILE OF ROCK MATERIAL SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. DRAIN SPACE UNDER WASH RACK SHALL BE KEPT OPEN AT ALL TIMES. DAMAGE TO THE WASH RACK SHALL BE REPAIRED PRIOR TO FURTHER USE OF THE RACK. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE. CONSTRUCTION VEHICLES SHALL STOP WITH FIRST THE FRONT WHEELS, THEN THE REAR WHEELS ON THE WASH RACK IN ORDER TO BOTH SETS OF WHEELS TO BE HOSED OFF.

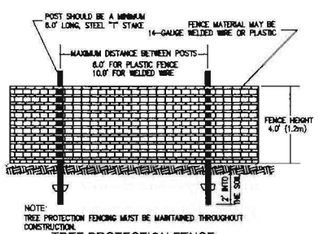


CONSTRUCTION RAMP SPECIFICATION:

1. STONE SIZE– USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT SHALL BE PLACED AT LEAST 8" DEEP OVER THE LENGTH AND WIDTH OF THE ENTRANCE.
2. LENGTH– AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS– NOT LESS THEN SIX (6) INCHES.
4. WIDTH– TEN (10) FOOT MINIMUM, BUT NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS OCCURS.
5. GEOTEXTILE FABRIC (FILTER CLOTH) WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. **THE PLAN APPROVAL AUTORITY MAY NOT BE REQUIRED SINGLE FAMILY RESIDENCES TO USE GEOTEXTILE.
6. SURFACE WATER– ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCE SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. 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.
8. WASHING– WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE

(NOT TO SCALE)



TREE PROTECTION FENCE INSTALLATION DETAIL

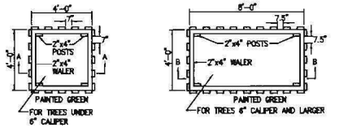
(NOT TO SCALE)

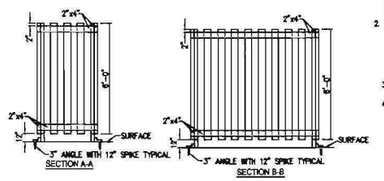
TREE PROTECTION NOTES:

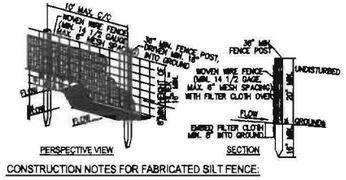
1. TREES AS SHOWN ON THE PLAN TO REMAIN SHALL BE PROTECTED AS SHOWN TO PREVENT MECHANICAL INJURY. TREE PROTECTION MEASURES SHOULD BE AS CLOSE TO THE DRIP LINE OF THE TREE AS POSSIBLE AND AS SHOWN ON THE PLAN. FOR STREET TREES AT THE CURB, PROTECTION FENCING SHALL BE ERECTED AT EDGE OF PAVING.
2. BOARDS WILL NOT BE NAILED TO TREES DURING BUILDING OPERATIONS.
3. NO STORAGE OF EQUIPMENT OR CONSTRUCTION MATERIALS SHALL BE ALLOWED WITHIN TREE PROTECTION FENCING.
4. HEAVY EQUIPMENT OPERATORS WILL BE CAUTIONNED TO AVOID DAMAGE TO EXISTING TREE TRUNKS AND ROOTS DURING LAND LEVELING OPERATIONS. TUNNEL UNDER ROOT SYSTEM WHEN INSTALLING UTILITY LINES, IF POSSIBLE.
5. TREE TRUNKS AND EXPOSED ROOTS AND LIMBS DAMAGED DURING EQUIPMENT OPERATIONS WILL BE CARED FOR AS PRESCRIBED BY A FORESTER OR LICENSED TREE EXPERT.
6. THE USE OF HEAVY EQUIPMENT ON ROOT SYSTEMS OF DESIREABLE TREES MUST BE AVOIDED TO PREVENT SOIL COMPACTION. ALL CONSTRUCTION SHOULD BE KEPT OUT OF THE DRIP LINE OF PROTECTED TREES. PROTECTIVE FENCING SHALL BE UTILIZED FOR TREES BEING RETAINED AND SHALL BE LOCATED AT THE DRIP LINE AND AS SHOWN ON THE PLAN.
7. DURING THE FIRST TWO SUMMERS FOLLOWING CONSTRUCTION, IT IS DESIREABLE THAT THE TREES RECEIVE ADEQUATE AMOUNTS OF WATER.

TYPICAL TREE PROTECTION FENCING

(NOT TO SCALE)







CONSTRUCTION NOTES FOR FABRICATED SILT FENCE:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS:
STEEL EITHER T OR U TYPE OR 2" HARDWOOD

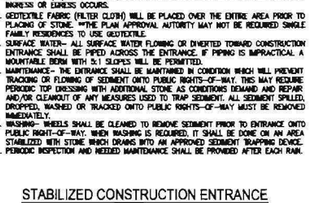
FENCE:
WOVEN WIRE, 14 1/2 GAGE 6" MAX. MESH OPENING

FILTER CLOTH:
FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL

PREFABRICATED UNIT:
GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

SILT FENCE

(NOT TO SCALE)

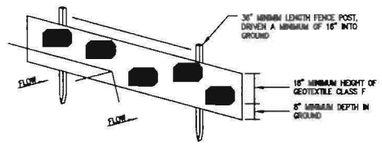


CONSTRUCTION SPECIFICATIONS:

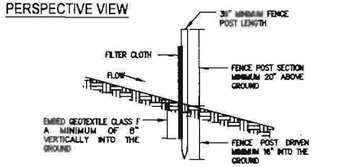
1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THAT BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

STRAW BALE DIKE

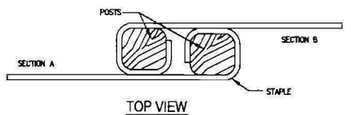
(NOT TO SCALE)



PERSPECTIVE VIEW



CROSS SECTION



TOP VIEW

JOINING TWO ADJACENT SILT FENCE SECTIONS

CONSTRUCTION SPECIFICATION:

1. FENCE POSTS SHALL BE A MINIMUM OF 36" LONG DRIVEN 16" MINIMUM INTO THE GROUND. WOOD POSTS SHALL BE 11/2" x 11/2" SQARE (MINIMUM) CUT, OR 13/4"DIAMETER (MINIMUM) ROUND AND SHALL BE OFF SOUND QUALITY HARDWOOD STEEL POSTS WILL BE STANDARD T OR U SECTION WEIGHTING NOT LESS THAN 1.00 POND PER LINEAR FOOT.
2. GEOTEXTILE SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS F:

TENSILE STRENGH	50L BS/IN (MIN.)	TEST: ASTM D-4595
TENSILE MODULUS	20 LBS/IN (MIN.)	TEST: ASTM D-4595
FLOW RATE	0.3 GAL/FT2 (MAX.)	TEST: ASTM D-5141
FILTERING EFFICIENCY	75 % (MIN.)	TEST: ASTM D-5141

3. WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STABLED TO PREVENT SEDIMENT BYPASS.
4. SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN BULGES OCCUR OR % OF WHEN SEDIMENT ACCUMULATION REACHED 30 THE FABRIC HEIGHT.

SILT FENCE DESIGN CRITERIA:

SLOPE STEEPNESS:	SLOPE LENGTH (MAX.):	SILT FENCE LENGTH (MAX.):
FLATTER THAN 50:1	UNLIMITED	UNLIMITED
50:1 TO 10:1	125 FEET	1,000 FEET
10:1 TO 5:1	100 FEET	750 FEET
5:1 TO 3:1	60 FEET	500 FEET
3:1 TO 2:1	40 FEET	250 FEET
2:1 AND STEEPER	20 FEET	125 FEET

NOTE:
IN AREAS OF LESS THAN 2% SLOPE AND SANDY SOILS (USDA GENERAL CLASSIFICATION SYSTEM, SOIL CLASS A) MAXIMUM SLOPE LENGTH AND SILT FENCE WILL BE UNLIMITED. IN THESE AREAS A SILT FENCE MAY BE THE ONLY PERIMETER CONTROL REQUIRED.

SILT FENCE INSTALLATION DETAIL

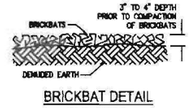
(NOT TO SCALE)

DEFINITION
TEMPORARY GROUND COVER CONSISTING OF BROKEN BRICK (1/2 PIECE OR SMALLER) PLACED OVER DENUDED EARTH.

PURPOSE
BRICKBATS PROVIDE A TEMPORARY GROUND COVER OVER DENUDED URBAN EARTH TO PREVENT THE TRANSPORTATION OF SEDIMENT FROM THE SITE.

CONDITIONS WHEN PRACTICE APPLIES
BRICKBATS MAY BE USED ON ANY SITE IN NEED OF TEMPORARY GROUND COVER.

DESIGN CRITERIA
THE BRICKBATS SHALL BE PLACED TO A DEPTH OF 3 INCHES TO 4 INCHES COVERING THE DENUDED EARTH ON THE SITE, THEN COMPACTED AND LEVELED.



BRICKBAT DETAIL

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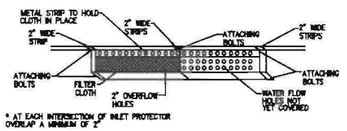
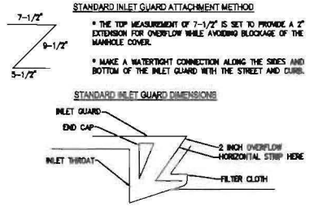


* AT EACH INTERSECTION OF INLET PROTECTOR OVERLAP A MINIMUM OF 2"



GRADE INLET GUARD

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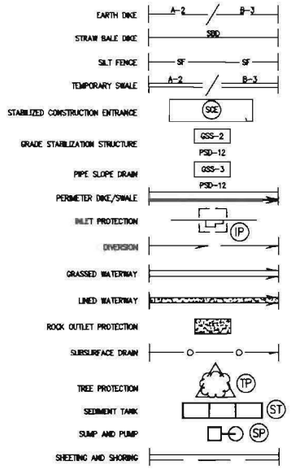
LIST OF STANDARD SYMBOLS

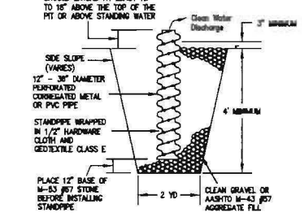


STANDARD EROSION AND SEDIMENT CONTROL MEASURES AND SEQUENCE:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN GRADING.
2. PROVIDE TEMPORARY STONE CONSTRUCTION ENTRANCE WHERE SHOWN. PROVIDE WATER SOURCE AND HOSE TO CLEAN ALL EQUIPMENT LEAVING SITE.
3. INSTALL SILT FENCE AS SHOWN.
4. NO DISTURBED AREA WILL BE DENUDED FOR MORE THAN 7 CALENDAR DAYS. INSTALL THE NECESSARY TEMPORARY OR PERMANENT VEGETATIVE STABILIZATION MEASURES TO ACHIEVE ADEQUATE EROSION AND SEDIMENT CONTROL.
5. ALL CONSTRUCTION TO BE INSPECTED DAILY BY THE CONTRACTOR, AND ANY DAMAGED SILTATION OR EROSION CONTROL DEVICES OR MEASURES WILL BE REPAIRED AT THE CLOSE OF THE DAY.
6. ALL SILT FENCE TO BE MAINTAINED IN WORKING CONDITION.
7. STABILIZED CONSTRUCTION ENTRANCES TO BE PERIODICALLY SUPPLEMENTED WITH ADDITIONAL STONE AS NEEDED.
8. CONTROLS CAN BE REMOVED AFTER THEIR CONTRIBUTING BASINS HAVE BEEN PERMANENTLY STABILIZED, AND APPROVAL OF INSPECTOR IS OBTAINED.

SILTATION EROSION CONTROL NOTES.

1. ALL SEDIMENT AND EROSION CONTROL METHODS 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. IF AN ON-SITE INSPECTION REVEALS FURTHER EROSION CONTROL MEASURES ARE NECESSARY, THE SAME SHALL BE PROVIDED.
2. ALL DEBRIS IS TO BE REMOVED FROM THE SITE.
3. ALLEY AND / OR STREET SHALL BE SWEPT CLEAN AT ALL TIMES DURING EXCAVATION AND CONSTRUCTION.
4. ALL SEDIMENT AND EROSION CONTROL MEASURES TO BE INSPECTED DAILY BY THE CONTRACTOR, ANY DAMAGED DEVICE OR MEASURE WILL BE REPAIRED OR REPLACED BY THE CLOSE OF DAY OR AS DIRECTED BY THE ARCHITECT.
5. ALL VEHICLES LEAVING THE SITE SHALL EXIT THROUGH THE CONSTRUCTION ENTRANCE ONLY AND SHALL BE WASHED DOWN TO REMOVE MUD FROM TIRES BEFORE ENTERING THE STREET. CONSTRUCTION ENTRANCE TO BE MAINTAINED IN GOOD WORKING CONDITIONS.
6. ALL CATCH BASINS AND AREA DRAINS SHALL BE PROTECTED DURING EXCAVATION AND CONSTRUCTION.
7. IF ANY CATCH BASIN OR DRAIN BECOMES CLOGGED AS A RESULT OF EXCAVATION OR CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS IMMEDIATE CLEANING.
8. ALL DISTURBED AREAS WITHIN THE LIMIT OF DISTURBANCE BOUNDARY NOT SHOWN TO BE PAVED SHALL BE SEEDED OR SODDED AS PER DC SPECIFICATIONS WITHIN SEVEN DAYS OF DISTURBANCE.
9. WHEN SEDIMENT TRAP/SETIMENT TANK HAS REACHED 67% CAPACITY, CLEAN OUT OF SAME IS REQUIRED
10. ANY STOCKPILING, REGARDLESS OF LOCATION ON SITE SHALL BE STABILIZED WITHIN 14 DAYS AND COVERED WITH PLASTIC OR CANVAS, AFTER ITS ESTABLISHMENT AND FOR THE DURATION OF THE PROJECT.
11. AFTER RAZE OR DEMOS, THERE IS NEED FOR GROUND COVER TO PREVENT EROSION AND SEDIMENT RUNOFF FROM OCCURRING. SUCH AS SEED, SOD, PAVING, BRICKRACK OR MULCH, ETC.
12. AT THE COMPLETION OF CONSTRUCTION PROJECT AND AFTER THE D.C. EROSION AND SEDIMENT CONTROL INSPECTOR APPROVAL, ALL TEMPORARY SILTATION, SEDIMENTATION AND EROSION CONTROL MEASURES AND DEVICES SHALL BE REMOVED AND ALL DENUDED AREAS SHALL BE PERMANENTLY STABILIZED.



CONSTRUCTION SPECIFICATIONS:

1. PIT DIMENSIONS ARE OPTIONAL, WITH THE MINIMUM DIAMETER BEING 2 TIMES THE STANDPIPE DIAMETER
2. THE STANDPIPE SHOULD BE CONSTRUCTED BY PERFORATING A 12"-24" DIAMETER CORREGATED OR PVC PIPE. THEN WRAPPING WITH 1/2" HARDWARE CLOTH AND GEOTEXTILE CLASS E. THE PERFORATING SHALL BE 1/2" x 6" SLOTS OR 1" DIAMETER HOLES.
3. A BASE OF FILTER MATERIAL CONSISTING OF CLEAN GRAVEL OR #57 STONE SHOULD BE PALCED IN THE PIT TO A DEPTH OF 12". AFTER INSTALLING THE STANDPIPE, THE PIT SURROUNDING THE STANDPIPE, SHOULD THEN BE BACKFILLED WITH THE SAME FILTER MATERIAL.
4. THE STANDPIPE SHOULD EXTEND 12"-18" ABOVE THE LIP OF THE PIT OR THE RISER CREST ELEVATION (BASIN DEWATERING ONLY) AND THE FILTER MATERIAL SHOULD EXTEND 3" MINIMUM ABOVE THE ANTICIPATED STANDING WATER ELEVATION.
5. IF DISCHARGE WILL BE PUMPED DIRECTLY TO A STORM DRAINAGE SYSTEM, THE STANDPIPE SHOULD BE WRAPPED WITH FILTER CLOTH BEFORE INSTALLATION. IF DESIRED, 1/4"-1/2" HARDWARE CLOTH MAY BE PLACED AROUND THE STANDPIPE, PRIOR TO ATTACHING THE FILTERCLOTH. THIS WILL INCREASE THE RATE OF WATER SEEPAGE INTO THE PIPE.

SUMP PIT

(NOT TO SCALE)