CONSTRUCTION SPECIFICATIONS

1. STONE SIZE- USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – AS REQUIRED, BUT NOT LESS THAN 50 FEET
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – NOT LESS THAN THE FULL DRIVEWAY WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. 24' MINIMUM IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH – IS WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES 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 A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANING OF ANY MEASURES USED TO TRAP SEDIMENT.
8. WASHING – WHEELS MUST BE CLEANED WHEN NECESSARY 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 AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE

NO SCALE

CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABLINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE DETAIL

NO SCALE

DEMOLITION NOTES:

1. ALL EXISTING STRUCTURES TO BE REMOVED. CELLARS, WELLS AND OTHER EXISTING SUBSURFACE FEATURES TO BE REMOVED AND FILLED WITH CLEAN SOILS.

THE OWNER SHALL AS A MINIMUM IMPLEMENT THE FOLLOWING EROSION AND SEDIMENT CONTROL MEASURES:

- CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL.
- INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE PLANS OR DETAILS AND AS NEEDED DURING THE GENERAL COURSE OF WORK.
- SOIL EROSION WILL OCCUR AFTER EVERY RAINFALL UNTIL TURF IS ESTABLISHED. IT SHALL BE THE OWNERS RESPONSIBILITY TO REPAIR EROSION AFTER EVERY RAINFALL. FAILURE TO REPAIR MINOR EROSION WILL RESULT N MAJOR EROSION AND POSSIBLY PAVEMENT AND STRUCTURE FAILURE. PRIOR TO SITE DISTURBANCE, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN – PLACE.
- TEMPORARY INSTALLATION OF STABILIZED CONSTRUCTION ENTRANCE PADS AT ALL LOCATION WHERE CONSTRUCTION VEHICLES WILL ENTER ONTO PUBLIC STREETS.
- EXCAVATION WORK CARRIED OUT DURING PERIODS OF INCLEMENT WEATHER SHALL REQUIRE ADDITIONAL EROSION CONTROL MEASURES AS MAY BE NECESSARY BASED ON CONDITIONS.
- ADDITIONAL EROSION CONTROL METHODS INCLUDING SOIL STABILIZATION MATS. PLACEMENT OF STONE. PLACEMENT OF SOIL MAY BE REQUIRED DUE TO CLIMATIC CONDITIONS (EXCESS RAIN, ETC.)
- STABILIZATION OF DISTURBANCE AREAS TO BE PAVED BY COMPACTION AND APPLICATION OF SUBBASE WITHIN ONE MONTH AFTER UTILITIES ARE INSTALLED.
- VEGETATIVE STABILIZATION OF DISTURBED AREAS TO BE SEEDED INCLUDING R.O.W. AND EASEMENTS WITHIN TWO WEEKS OF FINAL GRADING.
- PLANS SHOW TEMPORARY SOIL EROSION AND STABILIZATION MEASURES WHICH SHALL BE MAINTAINED UNTIL ALL AREAS ARE STABILIZED.
- THE OWNER SHALL BE RESPONSIBLE TO SEED AND MULCH (OR HYDROSEED) AND TO PROVIDE AN ADEQUATE WATER SOURCE AND HOSES FOR GERMINATION OF THE SEED.

SEQUENCE OF EROSION CONTROL MEASURES

THE FOLLOWING IS THE GENERAL SEQUENCE OF CONSTRUCTION THAT WILL OCCUR ON THE SITE.

STREET CONSTRUCTION:

1. SITE PREPARATION: SILT FENCE WILL BE INSTALLED ALL ALONG THE R.O.W. OF THE PROPOSED STREET. THE SILT FENCE WILL REMAIN IN PLACE UNTIL ALL AREAS BEING SERVED ARE STABILIZED. A TEMPORARY CONSTRUCTION ENTRANCE SHALL BE ESTABLISHED AT MURRAY AVENUE TO CAPTURE MUD AND DEBRIS FROM CONSTRUCTION VEHICLES BEFORE THEY ENTER THE PUBLIC HIGHWAY. CLEARING AND DISTURBANCE SHALL BE LIMITED TO THAT NECESSARY TO INSTALL TEMPORARY SEDIMENT CONTROL MEASURES.

2. ROUGH GRADING: ANY ADDITIONAL REQUIRED SILT FENCE WILL BE INSTALLED. TREES AND OTHER VEGETATION WILL BE REMOVED FROM THE ROADWAY AREAS TO BE DISTURBED.

3. TEMPORARY SEDIMENT BASIN: CONSTRUCT TEMPORARY SEDIMENT BASIN, 60FT LONG, 5FT DEEP AND 15FT WIDE, 4,500 CUBIC FEET. TEMPORARILY GRADE SITE TO TEMPORARY SEDIMENT BASIN UNTIL SITE IS STABILIZED AND PERMANENT DETENTION BASIN IS INSTALLED.

4. STABILIZATION: SEED AND MULCH R.O.W.

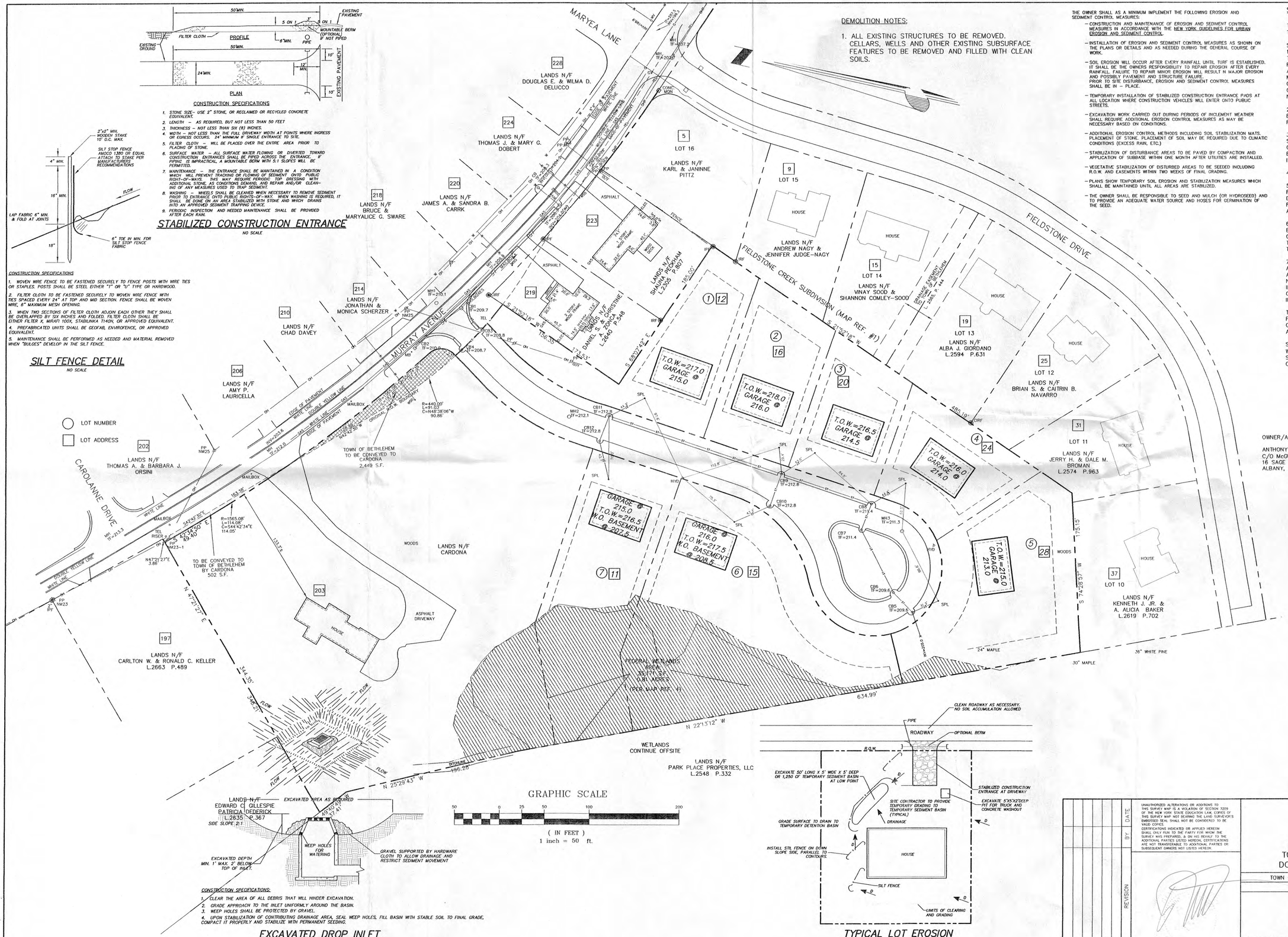
5. STORMWATER FACILITY: CONSTRUCT THE TEMPORARY BASIN FOR THE LOT ADJACENT TO THE DRAINAGE EASEMENT WHERE THE DETENTION POND WILL BE BUILT. THE PROJECT SITE WILL NOT BE REGRADED TOWARD THE DETENTION BASIN UNTIL AFTER THE BASIN AND SITE IS STABILIZED.

6. LOT PREPARATION: INSTALL SILT FENCE, ON A LOT BY LOT BASIS, ALONG THE CLEARING LIMITS. INSTALL STABILIZED CONSTRUCTION ENTRANCE AT DRIVEWAY LOCATION. CONSTRUCT THE TEMPORARY SEDIMENT BASIN ON A LOT BY LOT BASIS. TEMPORARILY GRADE THE SITE TO THE SEDIMENT BASIN.

7. STABILIZATION: STABILIZATION MUST BE UNDERTAKEN AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED, THIS REQUIREMENT DOES NOT APPLY IN THE FOLLOWING INSTANCES:

A. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.

B. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMES WITHIN TWENTY-ONE (21) DAYS, TEMPORARY STABILIZATION MEASURES NEED NOT BE INITIATED ON THAT PORTION OF THE SITE.



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)

1 inch = 50 ft.

TYPICAL LOT EROSION CONTROL DETAIL

NO SCALE

CONSTRUCTION SPECIFICATIONS:

1. CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
2. GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
3. WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
4. UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL BASIN WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.

EXCAVATED DROP INLET PROTECTION DETAIL

NO SCALE

LOT NUMBER

LOT ADDRESS

OWNER/APPLICANT:

ANTHONY CARDONA
C/O McGUIRE & CARDONA, P.C.
16 SAGE ESTATE, SUITE 208
ALBANY, NY 12204

TAX MAP NUMBERS:

96.12-1-24.11
96.12-1-24.12
96.12-1-24.13
96.12-1-24.14
96.12-1-23

SUB 231

INCHES 0 1 2

Town of Bethlehem, NY

NO.	REVISION	BY	DATE

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TODD WESTERVELD, P.L.S.
N.Y.S. LICENSE NO. 50319

RECORD PLAN

STORM SEWER

HAAWK COURT AMENDMENT

TO REFERENCE ALBANY COUNTY CLERK
DOCUMENT NO: 9914996 FILED 3/16/07

TOWN OF BETHLEHEM | COUNTY OF ALBANY

STATE OF NEW YORK

ABD ENGINEERS & SURVEYORS
411 Union Street Schenectady, N.Y. 12305
518-377-0315 Fax.518-377-0379

DATE:	SCALE:	DWG.	SHEET OF
NOVEMBER 2013	1"=50'	3169A-RECORD	2 4