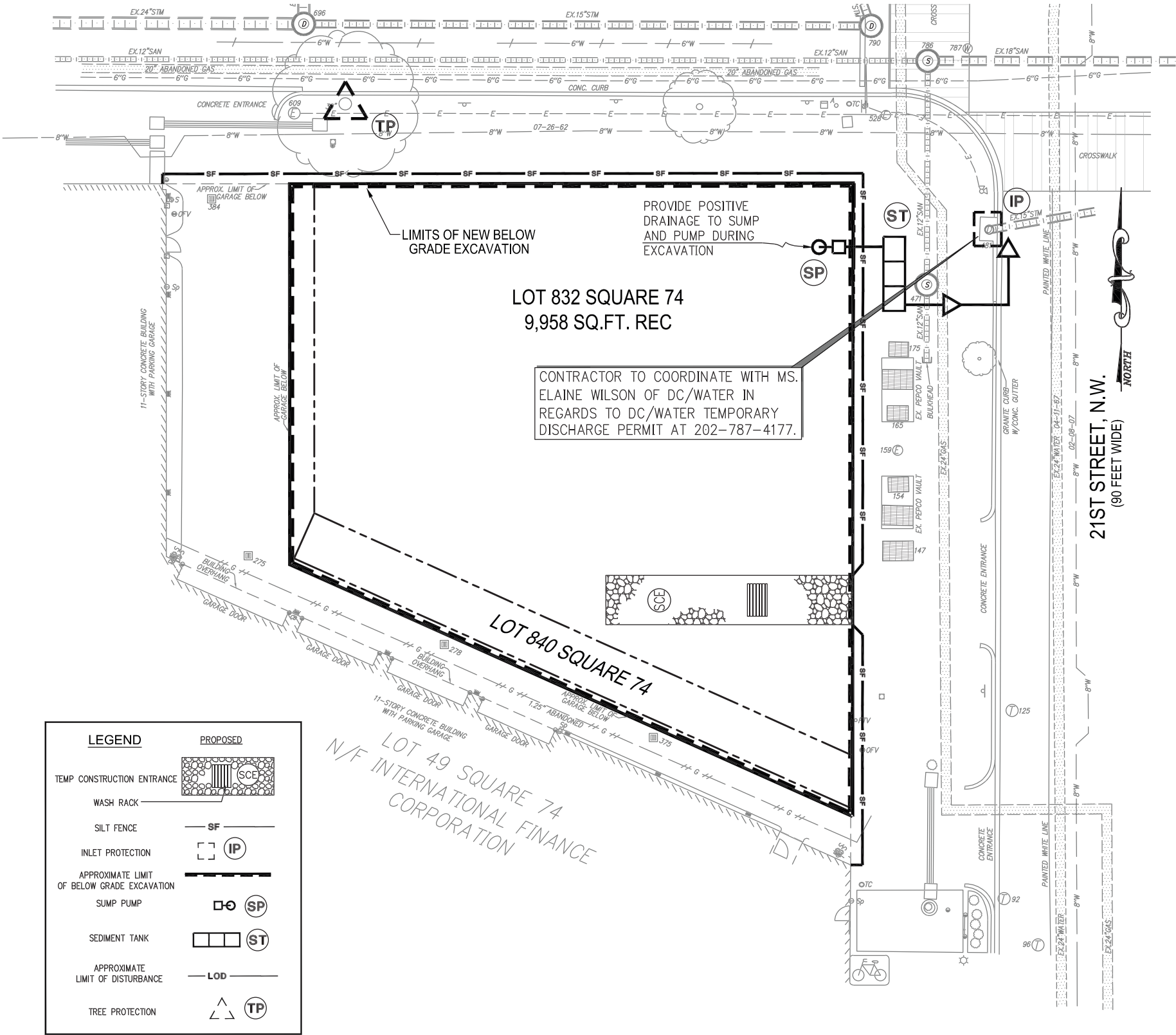


SEDIMENT AND EROSION CONTROL PLAN



- NOTE:**
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN OF SHEETING AND SHORING AND SUPPORT OF EXISTING UTILITIES AND ADJACENT STRUCTURES. SHORING, BRACING, AND UNDERPINNING DESIGNED BY THE CONTRACTOR'S STRUCTURAL ENGINEER LICENSED IN THE DISTRICT OF COLUMBIA SHALL BE PROVIDED AS NECESSARY TO ENSURE THEIR SUPPORT.
 2. PROVIDE SILT FENCE AT PERIMETER OF EXCAVATION AREA TO REMAIN IN PLACE UNTIL BELOW GRADE EXCAVATION HAS BEGUN UNLESS OTHERWISE APPROVED BY THE INSPECTOR.
 3. CONTRACTOR TO PROVIDE ON SITE APPROVED STAMPED AND SIGNED SEDIMENTATION AND EROSION CONTROL DRAWINGS BY DEPARTMENT OF ENVIRONMENT, WATERSHED PROTECTION DIVISION.
 4. PROVIDE CHAIN LINK FENCE AT PERIMETER OF SITE.
 5. APPLICANT MUST CONTACT THE DEPARTMENT OF THE ENVIRONMENT TO SCHEDULE A PRECONSTRUCTION MEETING BEFORE THE COMMENCEMENT OF A LAND-DISTURBING ACTIVITY.

CONSTRUCTION DATES:

- THE PROPOSED DEMOLITION WORK DUE TO COMMENCE IN SUMMER 2014 AND IS ANTICIPATED TO TAKE APPROXIMATELY 24 MONTHS.
- EXACT BEGINNING AND END OF CONSTRUCTION IS TO BE ESTABLISHED BY THE OWNER.

TOTAL AREA OF DISTURBANCE:

TOTAL AREA OF DISTURBANCE: 9,958 SQUARE FEET OR 0.2286 AC

TOTAL VOLUME OF CUT OF BELOW GRADE EXCAVATION:

(B1 EXCAVATION)
TOTAL AREA OF EXCAVATION: 11,706 SF / 0.2687 AC
VOLUME OF CUT: 11,706 SQ.FT. (AREA) X 11.0' (DEPTH)
VOLUME OF CUT: 4,769 cy +/-

(B2 EXCAVATION)
TOTAL AREA OF EXCAVATION: 11,706 SF / 0.2687 AC
VOLUME OF CUT: 11,706 SQ.FT. (AREA) X 9.5' (DEPTH)
VOLUME OF CUT: 4,119 cy +/-

(B3 EXCAVATION)
TOTAL AREA OF EXCAVATION: 11,706 SF / 0.2687 AC
VOLUME OF CUT: 11,706 SQ.FT. (AREA) X 9.0' (DEPTH)
VOLUME OF CUT: 3,902 cy +/-

(B4 EXCAVATION)
TOTAL AREA OF EXCAVATION: 11,706 SF / 0.2687 AC
VOLUME OF CUT: 11,706 SQ.FT. (AREA) X 8.5' (DEPTH)
VOLUME OF CUT: 3,685 cy +/-

TOTAL VOLUME OF CUT (B1-B4): 16,475 cy +/-

TOTAL VOLUME OF CUT /FILL FOR UTILITIES:

TOTAL AREA OF EXCAVATION: 823 SF
VOLUME OF CUT: 823 SQ.FT. (AREA) X 7 FEET (DEPTH)
VOLUME OF CUT AND FILL: 213 cy +/-

- 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 AND STABILIZATION SEQUENCE:**
1. INSTALL SEDIMENT AND EROSION CONTROL MEASURES INCLUDING STABILIZED TREE PROTECTION, AND SILT FENCE AS INDICATED ON SHEET C1.03. SEE SHEET C5.01 FOR SEDIMENTATION AND EROSION CONTROL DETAILS.
 2. SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE INSPECTOR PRIOR TO COMMENCING ANY OTHER LAND DISTURBING ACTIVITIES.
 3. REMOVE ITEMS AS INDICATED ON DEMOLITION PLAN.
 4. INSTALL SITE IMPROVEMENTS AS INDICATED ON CONSTRUCTION DOCUMENTS FOR THE PROPOSED BUILDING.
 5. AT THE COMPLETION OF CONSTRUCTION AND AFTER THE INSPECTOR'S APPROVAL, ALL TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE REMOVED.

SEDIMENTATION EROSION CONTROL NOTE:

THE APPLICANT MUST NOTIFY THE DISTRICT DEPT OF ENVIRONMENT (DDOE) BY PHONE (202-535-2256) AT LEAST 24 HOURS PRIOR TO THE START OF GRADING ACTIVITY AND WITHIN (2) WEEKS AFTER COMPLETION OF PROJECT TO REQUEST INSPECTION. IF THERE IS NEED TO MAKE CHANGES OR MODIFICATIONS IN THE APPROVED DESIGN, DEPARTMENT OF HEALTH MUST BE NOTIFIED IMMEDIATELY.

SCHEDULE AND HOLD PRE-CONSTRUCTION MEETING WITH THE SEDIMENT CONTROL INSPECTOR 48 HOURS PRIOR TO ANY LAND DISTURBING ACTIVITY. CALL 202-535-2977 FOR APPOINTMENT.

THE CONTRACTOR SHALL CALL THE INSPECTION/ENFORCEMENT BRANCH, WATERSHED PROTECTION DIVISION, DISTRICT DEPARTMENT OF THE ENVIRONMENT AT (202) 535-2240 FOR A PRE-CONSTRUCTION MEETING 72 HOURS PRIOR TO THE START OF ANY LAND DISTURBING ACTIVITY.

REMOVAL OF ANY SEDIMENT EROSION CONTROL MEASURES REQUIRES APPROVAL FROM DDOE INSPECTOR.

LAND DISTURBANCE ACTIVITY NOTE:

A PERSON RESPONSIBLE FOR LAND DISTURBANCE IS TO BE PRESENT OR AVAILABLE AT ALL TIMES WHILE SITE IS IN A PHASE INVOLVING LAND DISTURBING ACTIVITY.

THE RESPONSIBLE PERSON IS RESPONSIBLE FOR INSPECTION OF THE SITE EAS CONTROL MEASURES BIWEEKLY AND AFTER RAINFALL EVENTS, AVAILABILITY TO RESPOND TO POTENTIAL EROSION PROBLEMS AS THEY OCCUR AND AVAILABILITY TO SPEAK ON SITE WITH DDOE TO REMEDY POTENTIAL PROBLEMS. THE RESPONSIBLE PERSON IS TO HAVE AVAILABLE ON SITE PROOF OF PROFESSIONAL LICENSING OR OF SUCCESSFUL COMPLETION OF A DEPARTMENT APPROVED TRAINING PROGRAM IN COMPLIANCE OF RESPONSIBLE PERSON DESIGNATION.

SEDIMENT CONTROL DETAILS

[illegible]

IFC
International
Finance
Corporation
World Bank Group

2100 K STREET, NW

WASHINGTON, D.C.

March 03, 2014

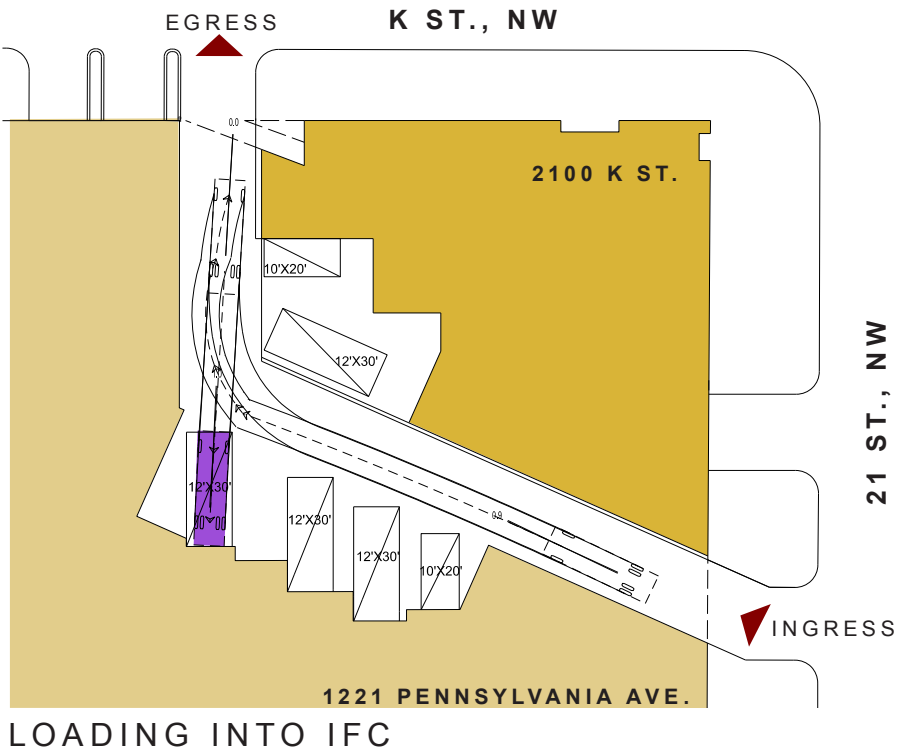
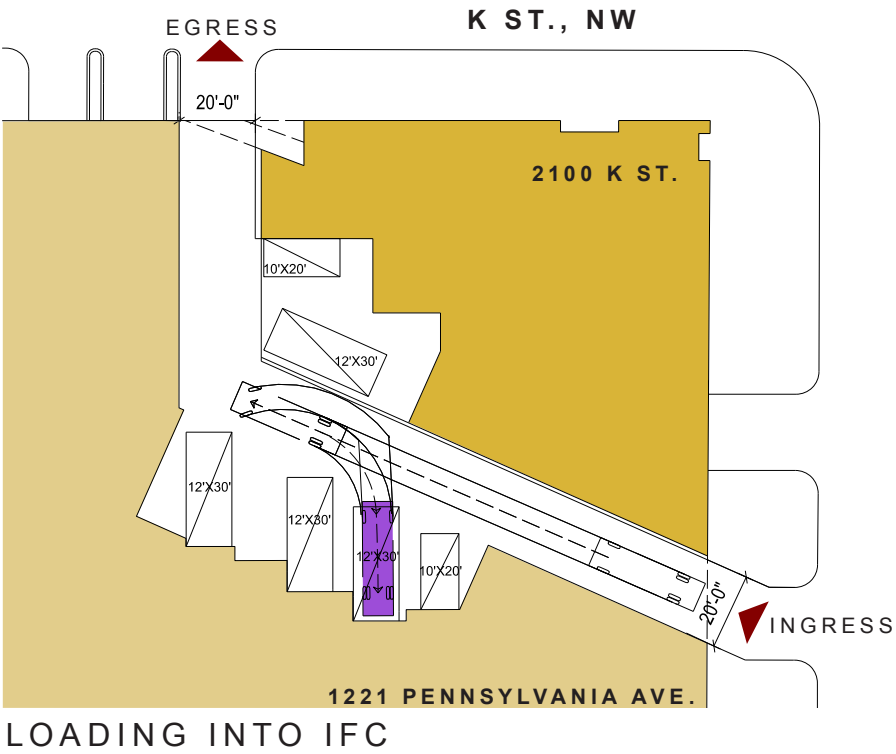
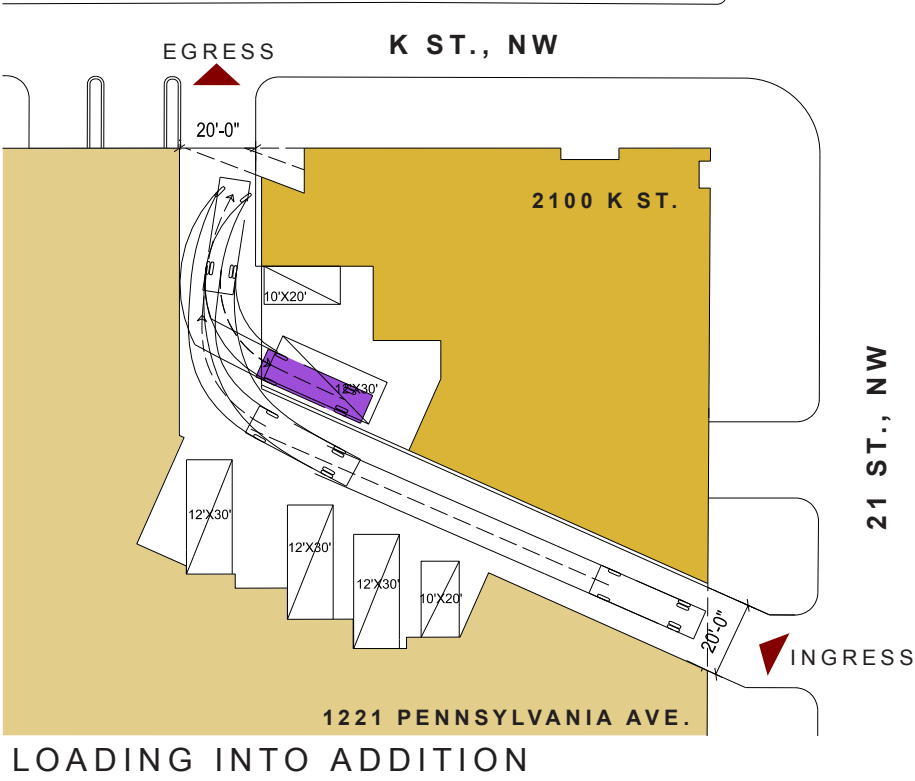
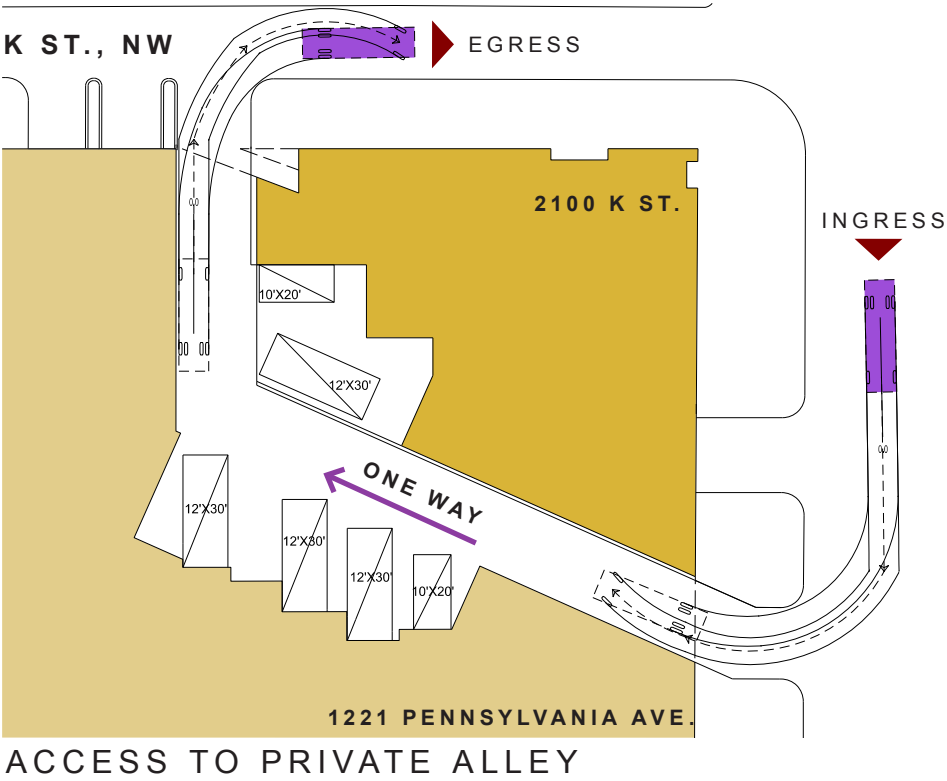


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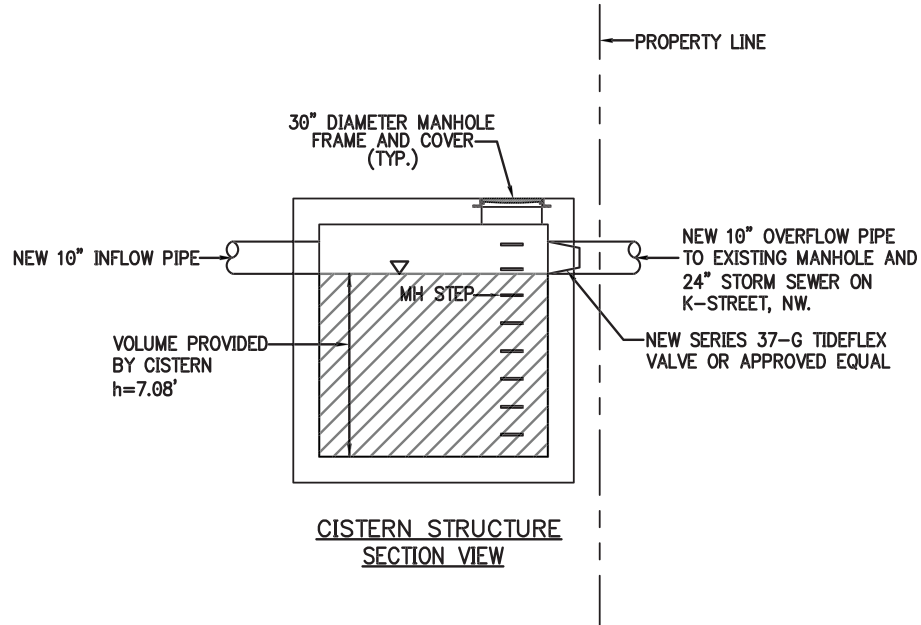
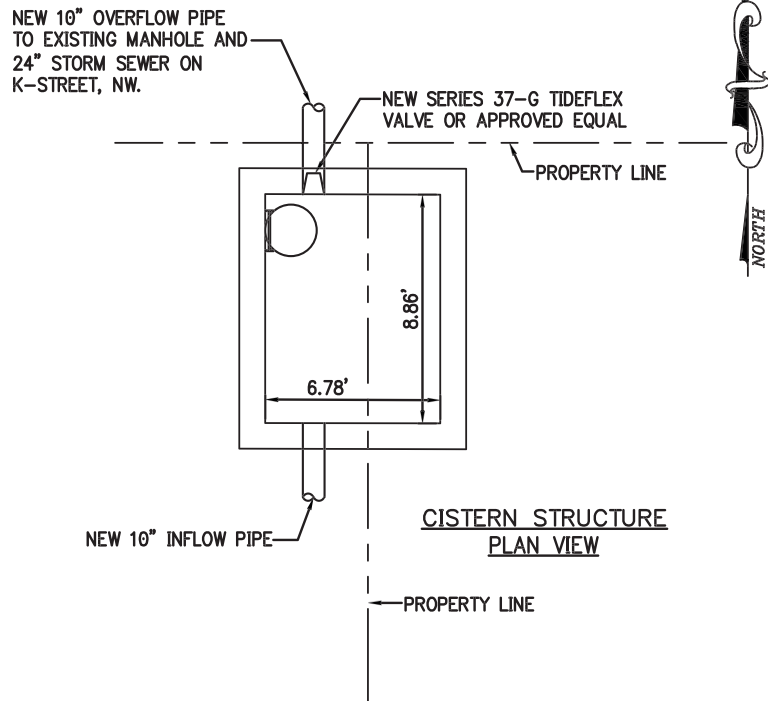
TRUCK TURNING DIAGRAMS



0' 50' 100'



STORMWATER MANAGEMENT PLAN



NOTE:
THE CISTERN CAPACITY DOES NOT MEET THE DDOE
REGULATIONS REGARDING THE TOTAL RETENTION REQUIRED.
THERE WILL BE ADDITIONAL APPROVED BMP THAT WILL BE
PROVIDED

[illegible]

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March 03, 2014

shalom baranes associates architects

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