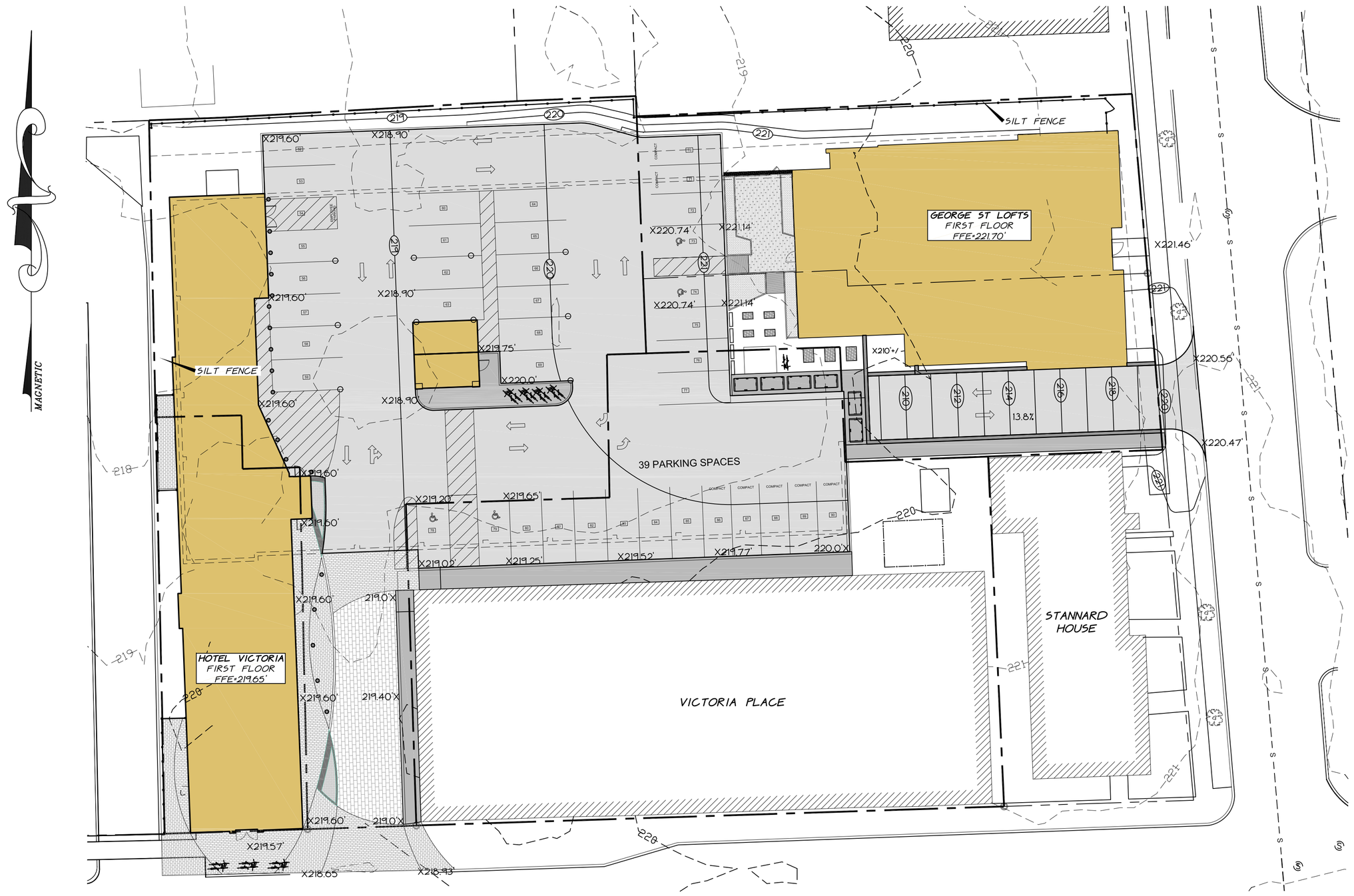

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

Legend

- PROJECT BOUNDARY
- OTHER PROPERTY LINE
- 518 CONTOUR LINE (U.S.G.S. DATUM)
- 506 PROPOSED FINISH GRADE CONTOUR
- EDGE OF WOODED AREA
- SILT FENCE
- CONSTRUCTION FENCE

Soil Information

Sym.	Unit Name	% Coverage
AdA	Adams and Windsor loamy sands, 0-5 percent slopes	100 %

SNOW MANAGEMENT PLAN

FOLLOWING THE ACCUMULATION OF ANY SNOW FALL EVENT WHICH GENERATES MORE THAT 1" OF SNOW OR ICE THE SITE SHALL BE CLEARED. ALL SNOW STORAGE AREAS SHALL BE DOWN GRADIENT OF ANY DISTURBED AREAS AND THE STORAGE OF SNOW IN STORMWATER TREATMENT STRUCTURES IS PROHIBITED.

MULCHING SPECIFICATIONS

DISTURBED AREAS ARE TO BE MULCHED WITHIN A WEEK OF DISTURBANCE. HAY MULCH SHALL BE SPREAD UNIFORMLY OVER THE AREA AT A RATE OF TWO TONS PER ACRE OR AT A RATE THAT IS SUFFICIENT TO PROVIDE ADEQUATE COVERAGE.

WHERE FINISH GRADE AND TOPSOILED, SEEDING AND MULCHING IS TO BE APPLIED WITHIN 48 HOURS.

LANDSCAPING SPECIFICATIONS

FINISHED AREAS ARE TO BE SEEDED AND MULCHED WITHIN 48 HOURS OF TOPSOILING. ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 4" OF TOPSOIL AND BE SEEDED, FERTILIZED, LIMED, AND MULCHED IN ACCORDANCE WITH THE FOLLOWING:

1. SEED MIXTURE IN ALL AREAS SHALL BE AN URBAN SEED MIX.
2. FERTILIZER SHALL BE STANDARD COMMERCIAL GRADE CONFORMING TO THE STATE FERTILIZER LAW AND TO THE STANDARDS OF THE ASSOCIATION OF OFFICIAL AGRICULTURAL CHEMISTS. FERTILIZER, IF USED, SHALL BE APPLIED AT A RATE RECOMMENDED BY A SOIL TEST.
3. LIMESTONE SHALL CONFORM TO ALL STATE AND FEDERAL REGULATIONS AND TO THE STANDARDS OF THE ASSOCIATION OF OFFICIAL AGRICULTURAL CHEMISTS. THE LIMESTONE SHALL BE APPLIED AT A RATE RECOMMENDED BY A SOIL TEST.
4. WITHIN 24 HOURS OF APPLICATION OF FERTILIZER, LIME, AND SEED, THE SURFACE SHALL BE MULCHED WITH A HAY MULCH. MULCH SHALL BE SPREAD UNIFORMLY OVER THE AREA AT A RATE OF TWO TONS PER ACRE OR AT A RATE THAT IS SUFFICIENT TO ENSURE ADEQUATE COVERAGE.

STABILIZATION PLAN

THE PURPOSE OF THE EROSION AND SEDIMENT STABILIZATION PLAN IS TO COMPLY WITH STATE + FEDERAL REGULATIONS DEALING WITH THE CONTROL OF NONPOINT SOURCE (NPS) POLLUTION. THE PLAN CONTAINS A SERIES OF BEST MANAGEMENT PRACTICES (BMPS) DESIGNED TO MINIMIZE POLLUTION RESULTING OF STORMWATER RUNOFF AND OFF-SITE SEDIMENT DEPOSITION DURING LAND DISTURBANCE ACTIVITIES.

TO MINIMIZE THE POTENTIAL FOR EROSION CONSTRUCTION HAS BEEN BROKEN DOWN INTO FOUR PHASES. THE PROPOSED PLAN SEEKS TO MINIMIZE THE AREA DISTURBED AT ANY ONE TIME AND LIMIT THE AMOUNT OF TIME THE DISTURBED PORTIONS REMAIN EXPOSED BY REQUIRING FREQUENT (WEEKLY) TEMPORARY SEEDING AND/OR MULCHING AND BY REQUIRING THAT SURFACES BROUGHT TO FINISH GRADE BE TOPSOILED AND SEEDED WITHIN 48 HOURS.

AN URBAN TYPE GRASS MIXTURE SHALL BE USED FOR ALL PERMANENT SEEDING + MULCHING CONSISTING OF 38% KENTUCKY BLUEGRASS, 38% CREEPING RED FESCUE, AND 26% ANNUAL RYEGRASS. FOR WINTER CONSTRUCTION THE GRASS MIXTURE SHALL BE PLACED AT A RATE OF 240# PER ACRE.

FERTILIZER SHALL BE PLACED AT A RATE OF 1 TO 2 TONS PER ACRE. WHERE SPECIFIED, AN EROSION CONTROL BLANKET SHALL BE USED. THE CONTRACTOR SHALL FOLLOW THE MANUFACTURERS RECOMMENDATION FOR PROPER OVERLAP AND FASTENER PLACEMENT. IN ADDITION, THE CONTRACTOR SHALL REPLACE ANY MULCH LOST TO WINDTHROW ON A WEEKLY BASIS.

ALL NON-IMPERVIOUS SURFACES SHALL BE TOPSOILED, SEEDED AND MULCHED WITHIN 48 HOURS OF ESTABLISHING FINISH GRADE. THE CONTRACTOR SHALL INSPECT ALL SILT FENCING, STONE CHECK DAMS, STABILIZED CONSTRUCTION ENTRANCE AND STORM POND DETENTION AREAS ON A DAILY BASIS AND IMMEDIATELY FOLLOWING ANY RAINSTORM EVENT THAT GENERATES STORMWATER LEAVING THE SITE.

CONSTRUCTION ON THE NEXT SUBSEQUENT PHASE SHALL NOT OCCUR UNTIL THE PREVIOUS PHASE HAS BEEN COMPLETED WITH ALL STORMWATER AND EROSION AND SEDIMENT CONTROL DEVICES IN PLACE HAVING BEEN PERMANENTLY SEEDED AND MULCHED.

POST-CONSTRUCTION SEQUENCING FOR EROSION PREVENTION + SEDIMENT CONTROL

STABILIZATION PHASE

FINAL INSPECTION OF THE EROSION CONTROL DEVICES TO BE REMOVED AFTER AREAS ARE STABILIZED

MAJOR CONSTRUCTION ITEM	EROSION CONTROL	MAINTENANCE
1. CHECK PERIMTER WHERE DELINEATION CONSTRUCTION LIMTS WERE PLACED.	IF PERIMTER IS STABILIZED AND GRASS IS ESTABLISHED, REMOVE FENCES	
2. DURING CONSTRUCTION, INFILTRATION TRENCHES AND SWALES WERE CONSTRUCTED FIRST AND SHOULD BE COMPLETELY STABILIZED BY NOW.	CHECK STORM SYSTEMS AND GRASSED SWALES BY ROADS TO MAKE SURE EVERYTHING IS STABILIZED. CHECK OVERALL SITE FOR ANY PROBLEM AREAS ENCOUNTERED DURING CONSTRUCTION AND OVERALL SITE.	SEED AND MULCH ANY DISTURBED AREAS.
3. CONDUCT A POST CONSTRUCTION INSPECTION OF THE DISCHARGE LOCATION LEADING TO THE WATERS OF THE STATE OF VERMONT.	TAKE PHOTOS AND NOTE FINAL INSPECTION IN EROSION CONTROL CONSTRUCTION BOOK	IF EVERYTHING IS STABLE, ALL DEMARCATION AND SILT FENCES SHALL BE REMOVED. THE CONSTRUCTION ENTRANCES SHALL BE TAKEN OUT IN PREPARATION FOR PAVING.
4. ANY SEDIMENT TRAPPED WITHIN THE STORMWATER INFRASTRUCTURE DURING CONSTRUCTION SHALL BE CLEANED OUT PRIOR TO FINAL STABILIZATION.	ALL SEDIMENT SHALL BE REMOVED PRIOR TO FINAL STABILIZATION.	ALL DEMARCATION AND SILT FENCES SHALL BE REMOVED.

WINTER GUIDELINES FOR EROSION PREVENTION + SEDIMENT CONTROL

1. ALL DRAINAGE STRUCTURES MUST BE KEPT OPEN AND FREE OF SNOW AND ICE DAMS.
2. ALL SILT FENCE OR OTHER PRACTICES REQUIRING EARTH DISTURBANCE SHALL BE IN PLACE PRIOR TO GROUND FREEZING.
3. WHEN MULCH IS REQUIRED FOR STABILIZATION DOUBLE THE STANDARD RATE SHALL BE APPLIED.
4. TO ENSURE COVER OF DISTURBED SOIL IN ADVANCE OF A MELT EVENT, AREAS OF DISTURBED SOIL MUST BE STABILIZED AT THE END OF EACH WORK DAY, WITH THE FOLLOWING EXCEPTIONS:
   - A. IF NO PRECIPIATION WITHIN 24 HOURS IS FORECAST AND WORK WILL RESUME IN THE SAME DISTURBED AREA WITHIN 24 HOURS, DAILY STABILIZATION IS NOT NECESSARY.
   - B. DISTURBED AREAS THAT COLLECT AND RETAIN RUNOFF, SUCH AS HOUSE FOUNDATIONS OR OPEN UTILITY TRENCHES.
   - C. PERFORMING DRILLING AND BLASTING WHERE SITE IS IN A DEPRESSION AND STORMWATER IS TRAPPED.
5. PRIOR TO STABILIZATION SNOW AND ICE MUST BE REMOVED TO DEPTH OF NO LESS THAN 1 IN.
6. ALL DISTURBED AREAS MUST BE SEEDED AND MULCHED WITHIN 48 HOURS OF BEING BROUGHT TO FINISH GRADE.
7. DURING WINTER EROSION, MULCH SHALL BE APPLIED AT DOUBLE THE RATE OR NETTING OR OTHER APPROACH SHALL BE USED TO PREVENT REMOVAL BY WIND.
8. ON SITE COORDINATOR MUST INSPECT THE SITE DAILY DURING ACTIVE EARTH WORK.

INSPECTION SCHEDULE	WEEKLY	AFTER EACH RAINFALL THAT GENERATES STORMWATER FROM SITE
INSPECT SILT FENCING	x	x
INSPECT CONSTRUCTION FENCE	x	x
INSPECT AREAS TEMPORARILY MULCHED	x	x
INSPECT TEMPORARY SOIL STOCKPILE	x	x
INSPECT STABILIZED CONSTRUCTION ENTRANCES	x	x
INSPECT AREAS THAT HAVE BEEN TOPSOILED + MULCHED	x	x
INSPECT STORMWATER PONDS AND SEDIMENT TRAPS	x	x

NOTE: IF WINTER CONSTRUCTION WILL OCCUR BETWEEN OCTOBER 15 AND APRIL 15 REFER TO THE WINTER EROSION CONTROL GUIDELINES FOR ADDITIONAL EROSION AND SEDIMENT CONTROL REQUIREMENTS APPLYING TO ANY COMPONENT OF THE PROJECT.

ON-SITE COORDINATOR:
PEAKCM CONSTRUCTION
PHONE - (802) 988-1092

Owner/Applicant

3 GEORGE STREET, LLC
218 OVERLAKE DRIVE
COLCHESTER, VT 05466

STATE OF VERMONT — BRIAN W. CUMMER — No. 018.0114132 — REGISTERED PROFESSIONAL ENGINEER

DATE	REVISION	BY
		DATE 1-14-19
		JOB# 2016-60
		FILE S9
		PLAN SHEET # E3

SURVEY BWC/JRF
DESIGN BWC
DRAWN BWC
CHECKED PJO
SCALE 1"=20'

☐ RECORD DRAWING ☐ PRELIMINARY
■ FINAL ☐ SKETCH/CONCEPT

O'LEARY-BURKE CIVIL ASSOCIATES, PLC
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ESSEX JCT., VT
PHONE: 879-0990
FAX: 879-9989
E-MAIL: obca@olearyburke.com

Hotel Champlain
Burlington — Vermont

Erosion Control Plan
Stabilization Plan