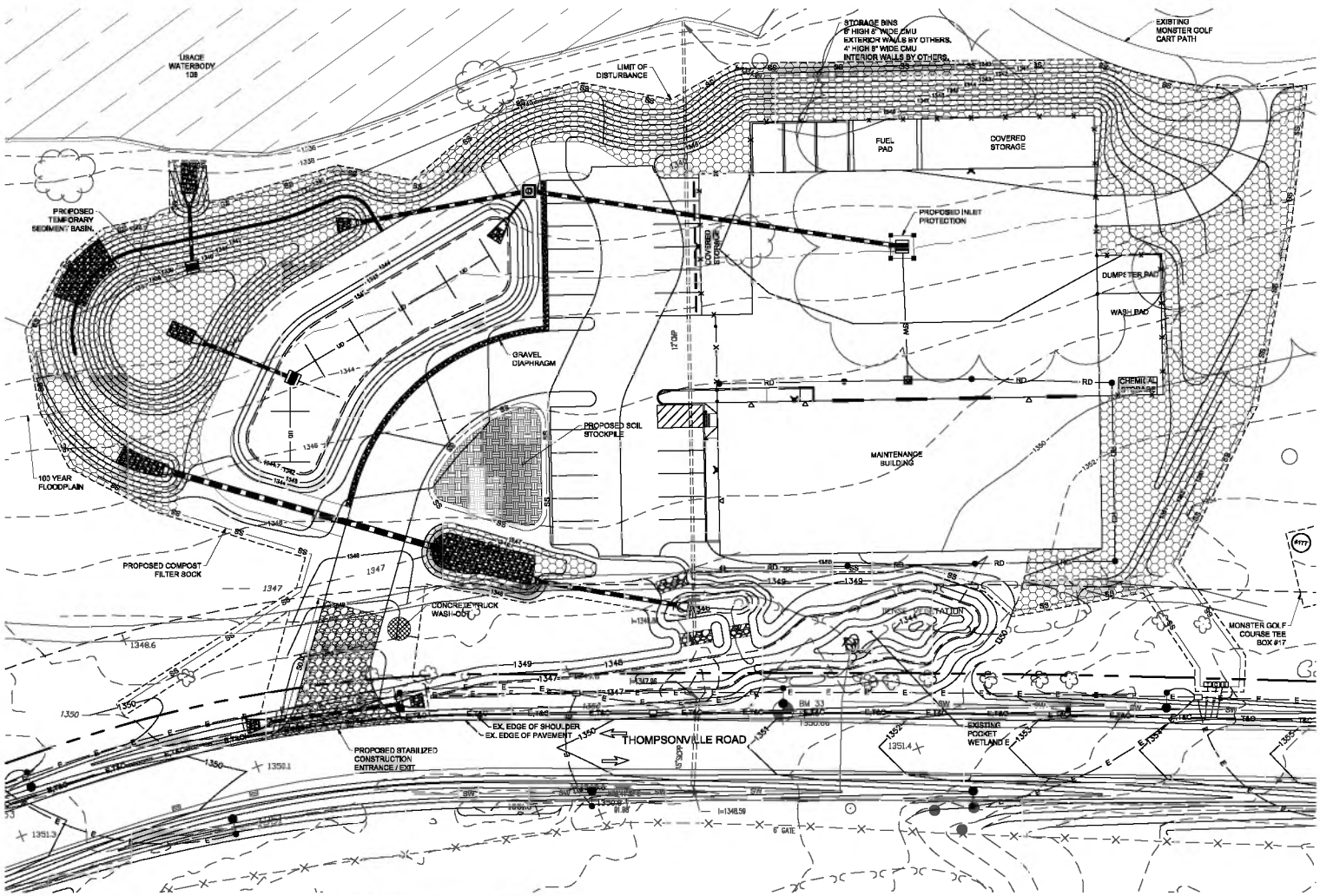
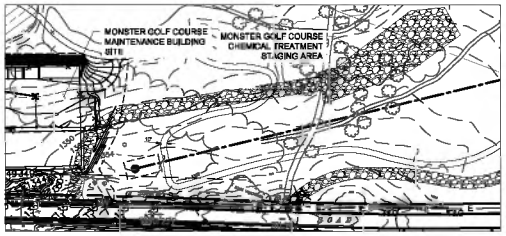


LEGEND

- EX. PROPERTY LINE
- LIMIT OF DISTURBANCE
- EX. STREET LIGHT
- SS — PROP. COMPOST FILTER SOCKS
- PROP. INLET PROTECTION
- PROP. SOIL STABILIZER
- PROP. SOIL STOCKPILE

NOTES:

1. PROPOSED DETENTION BASIN-1 SHALL BE USED AS A TEMPORARY SEDIMENT BASIN. OUTLET CONTROL STRUCTURE OCS-DET-1 SHALL BE PLUGGED TO PREVENT ANY SILT LADEN RUNOFF FROM LEAVING THE CONSTRUCTION AREA. ALL RUNOFF CONVEYED TO THE SEDIMENT BASIN SHALL BE PUMPED TO THE CHEMICAL TREATMENT SYSTEM USED FOR THE MONSTER GOLF COURSE CONSTRUCTION. REFER TO THE LOCATION PLAN ON THIS SHEET FOR CHEMICAL TREATMENT SYSTEM LOCATION.
2. PER NYSDEC DESIGN MANUAL APPENDIX C-6, CONTRACTOR SHALL ONLY CONSTRUCT THE BIORETENTION FACILITY ONCE ALL CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED TO PREVENT CLOGGING.



CHEMICAL TREATMENT SYSTEM LOCATION PLAN
SCALE: 1" = 100'

CONSTRUCTION SEQUENCE

1. AREA OF DISTURBANCE = +/- 2.08 ACRES (WORK AREAS)
2. SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE TOWN, ENGINEER, THE PROJECT MANAGER, CONSTRUCTION FOREMAN, AND CONTRACTORS AND SUBCONTRACTORS RESPONSIBLE FOR INSTALLING AND MAINTAINING EROSION AND SEDIMENT CONTROLS (INCLUDING THE TRAINED CONTRACTOR).
3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES ON THOMPSONVILLE ROAD.
4. INSTALL COMPOST FILTER SOCKS.
5. INSTALL COMPOST FILTER SOCKS DOWN GRADIENT OF WORK AREAS. INSTALL SUMP PIT SAND PUMPS AT LOW POINTS TO COLLECT AND CONVEY SEDIMENT LADEN RUNOFF FROM DISTURBED AREAS TO THE CHEMICAL TREATMENT SYSTEM. THE PUMPING SYSTEM SHALL BE CAPABLE OF CONVEYING RUNOFF FROM 4 INCHES OF RAINFALL OVER A 24-HOUR PERIOD FROM ALL DISTURBED AREAS AND UPLAND AREAS DRAINING TO THE DISTURBED AREAS. THE CONTRACTOR SHALL MONITOR WEATHER FORECASTS AND INSTALL ADDITIONAL PUMPS, AS REQUIRED, TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING WORK AREAS.
6. INSTALL COMPOST FILTER SOCKS UP GRADIENT OF WORK AREAS, CLEAN RUNOFF FROM UP GRADIENT AREAS SHALL BE DIVERTED AWAY FROM WORK AREAS TO REDUCE THE VOLUME OF RUNOFF REQUIRING CHEMICAL TREATMENT SO AS TO NOT OVERBURDEN THE SYSTEM.
7. CONSTRUCT SEDIMENT BASIN AT LOCATION SHOWN AND STABILIZE ALL SIDE SLOPES WITH RECP AND SEED.
8. COMPLETE EARTHWORK AND EXCESS SOIL SHALL BE STOCKPILED AND STABILIZED IMMEDIATELY PER SOIL STOCKPILE DETAIL.
9. INSTALL UTILITIES AND OTHER IMPROVEMENTS, IMMEDIATELY STABILIZE ASSOCIATED SOIL DISTURBANCES AT THE END OF EACH WORK DAY. TEMPORARY SOIL STABILIZATION SHALL BE FLEXTERRA HP-PGM HYDROMULCH AS MANUFACTURED BY PROFILE PRODUCTS. IF OUTLET PIPES ARE INSTALLED AT A STORMWATER MANAGEMENT FACILITY BEING USED TO COLLECT AND TREAT SEDIMENT LADEN RUNOFF, THE CONTRACTOR SHALL INSTALL A WATER-TIGHT PLUG TO RETAIN RUNOFF COLLECTED WITHIN THE BASIN. THE PLUG CAN BE REMOVED ONCE UPSTREAM AREAS ARE STABILIZED AND THE STORMWATER MANAGEMENT FACILITY IS NO LONGER SUBJECT TO SEDIMENT LADEN RUNOFF.
10. FOLLOWING CONSTRUCTION OF IMPROVEMENTS, REMOVE COMPOST FILTER SOCKS AND IMMEDIATELY PROVIDE TEMPORARY OR PERMANENT STABILIZATION TO DISTURBANCES ASSOCIATED WITH REMOVALS IN ACCORDANCE WITH THE PLANS.

0 10 20 40
SCALE: 1" = 20'

APPLICANT
EMPIRE RESORTS REAL ESTATE I, LLC
204 STATE ROUTE 17B
MONTICELLO, NY 12701

SITE/CIVIL ENGINEER
AKRF
AKRF ENGINEERING, P.C.
34 SOUTH BROADWAY, SUITE 401
WHITE PLAINS, NY 10601
(914) 949-7336

SURVEYOR
CONTRACTORS' LINE & GRADE SOUTH, LLC
23 NEPPERHAN AVENUE
ELMSFORD, NY 10523
(914) 347-3141

SURVEYOR
INSITE ENGINEERING, SURVEYING, & LANDSCAPE ARCHITECTURE, P.C.
3 GARRET PLACE
CARMEL, NY. 10512
(845) 225-9690

STATE OF NEW YORK · SHI HSUN KONG · 091191 · LICENSED PROFESSIONAL ENGINEER

SONNY KONG, P.E.

REVISIONS

No.	DATE	DESCRIPTION

PROJECT
MONSTER GOLF MAINTENANCE BUILDING FINAL DESIGN

DRAWN BY	CHECKED BY
JWH	SK
SCALE	DATE
1" = 20'	06/28/2019

SHEET TITLE
EROSION AND SEDIMENT CONTROL PLAN

SHEET NO.
C-701