

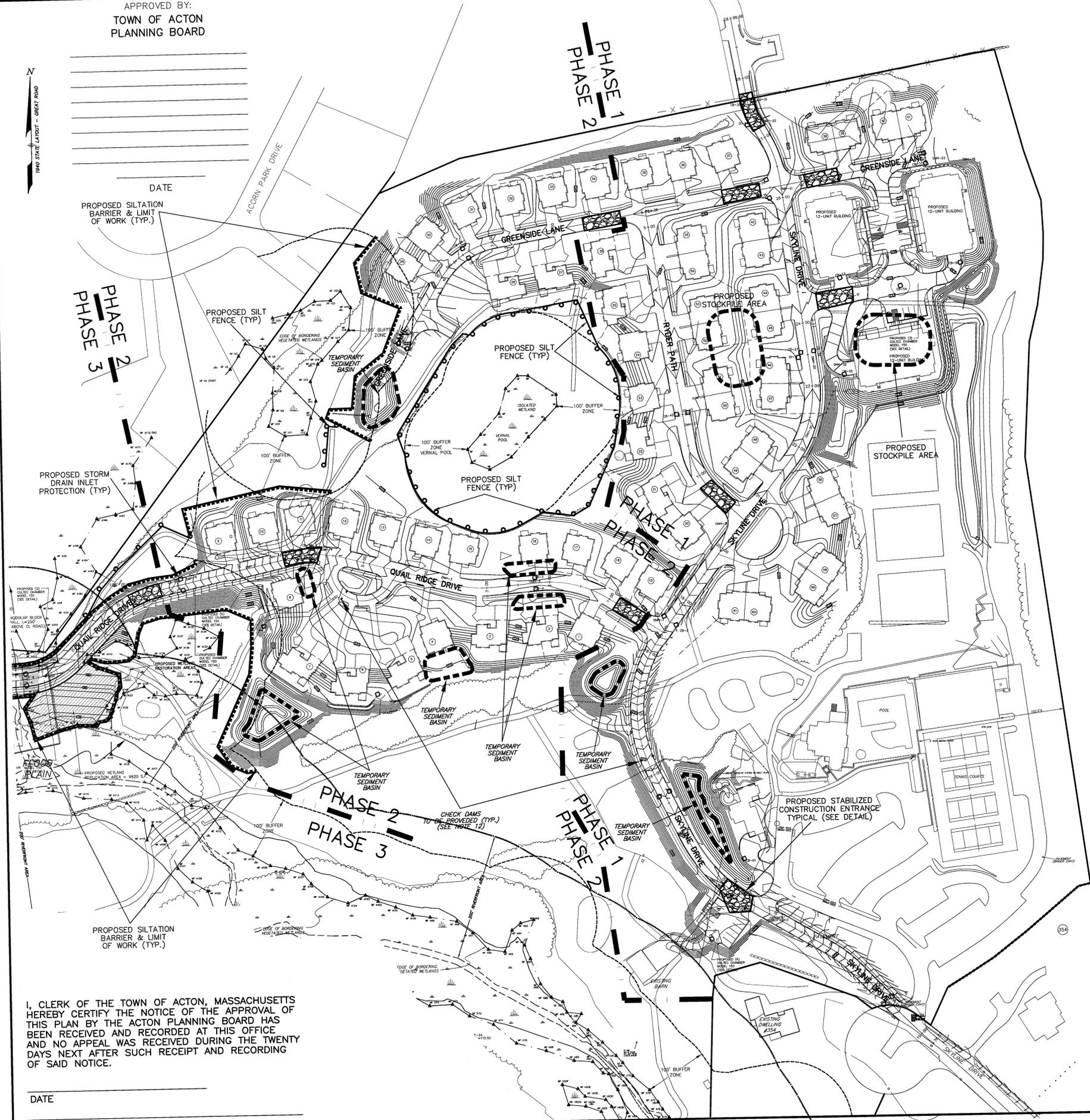
APPROVED BY:  
TOWN OF ACTON  
PLANNING BOARD



DATE \_\_\_\_\_

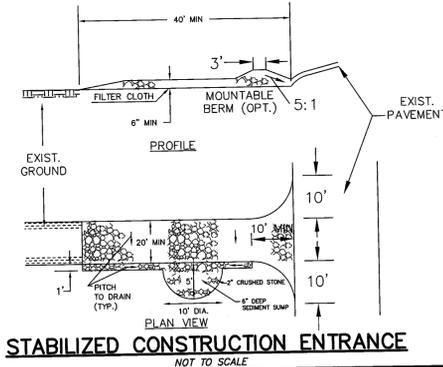
PHASE 3  
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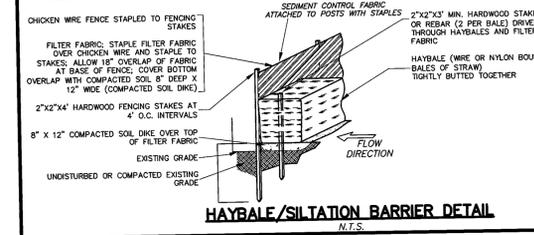


**STABILIZED CONSTRUCTION ENTRANCE CONSTRUCTION SPECIFICATIONS**

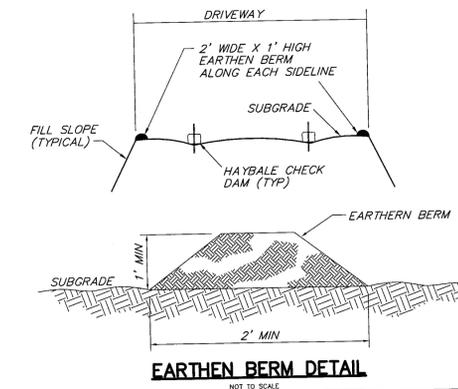
1. THE ENTRANCE OF THE PROPOSED DRIVEWAY SHALL INITIALLY HAVE 6" OF 2" CRUSHED STONE LAID DOWN AS A TRAFFIC SEDIMENT CONTROL SURFACE AS SHOWN IN THE STABILIZED CONSTRUCTION ENTRANCE DETAIL. THIS STONE PACK SHALL BE PLACED OVER THE COMMON DRIVEWAY FOR A MINIMUM DISTANCE OF 40 FEET FROM THE EDGE OF PAVEMENT AND SHALL BE REMOVED AND REPLACED WITH ROADWAY GRAVEL IMMEDIATELY PRIOR TO THE PLACEMENT OF PAVEMENT.
2. STONE SIZE - USE 2" CRUSHED STONE.
3. WIDTH - TWENTY (20) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS OF INGRESS OR EGRESS.
4. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO THE PLACEMENT OF STONE.
5. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED NEAR CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
6. 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 CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
7. WASHING - WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS, WHEN WASHING IS DONE IT SHALL BE DONE ON STABILIZED ENTRANCE WITH STONE AND WHICH DRAINS INTO THE SEDIMENT SUMP AS SHOWN.
8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



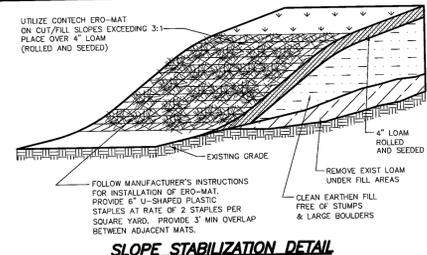
**STABILIZED CONSTRUCTION ENTRANCE**  
NOT TO SCALE



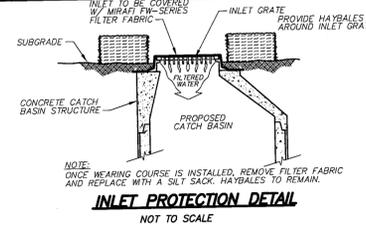
**HAYBALE/SILTATION BARRIER DETAIL**  
N.T.S.



**EARTHEN BERM DETAIL**  
NOT TO SCALE



**SLOPE STABILIZATION DETAIL**  
NOT TO SCALE



**INLET PROTECTION DETAIL**  
NOT TO SCALE

**EROSION AND SEDIMENT CONTROL NOTES**

1. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY CONSTRUCTION ON THE SITE.
  2. HAYBALES AND SILT FENCE SHALL BE PLACED IN ALL AREAS AS SHOWN ON ALL THE PLANS AND IN ANY OTHER AREAS AS DETERMINED NECESSARY DURING CONSTRUCTION.
  3. ALL SOIL STOCKPILES SHALL HAVE EROSION CONTROL MEASURES AROUND THEIR EDGES AT ALL TIMES.
  4. THE DRAINAGE SYSTEM SHALL BE CONSTRUCTED DURING THE EARLIEST STAGES OF THE PROJECT IN ORDER TO DIRECT RUNOFF AND SEDIMENT TO TEMPORARY SEDIMENT BASINS.
  5. ALL CATCH BASINS SHALL BE COVERED WITH SILTATION FABRIC DURING CONSTRUCTION. CATCH BASIN RIMS ARE TO BE SET AT BINDER GRADE UNTIL IT IS TIME TO APPLY THE PAVEMENT WEARING COURSE.
  6. ALL CUT AND FILL SLOPES SHALL BE IMMEDIATELY COVERED WITH 4" OF LOAM AND SEEDING DURING THE GROWING SEASON (APRIL 1 TO NOVEMBER 1) OR COVERED WITH HAYMULCH DURING THE NON-GROWING SEASON (NOVEMBER 1 TO APRIL 1). IN AREAS SUBJECT TO THE WETLANDS PROTECTION ACT, THE HAYMULCH AND/OR REQUIRED MEASURES SHALL REMAIN IN PLACE UNTIL PERMANENT VEGETATION IS REESTABLISHED.
  7. UNLESS OTHERWISE INDICATED, ALL DISTURBED AREAS SHALL RECEIVE 4" OF LOAM AND BE SEED TO PREVENT EROSION.
  8. ALL CATCH BASIN SUMPS SHALL BE CLEANED FOLLOWING CONSTRUCTION.
  9. UPON ACCUMULATION OF 6" OF SEDIMENT, THE TEMPORARY SEDIMENT BASINS SHALL BE CLEANED.
  10. THE HAYBALES AND SILT FENCE SHALL BE MAINTAINED UNTIL VEGETATIVE COVER HAS BEEN SUITABLY ESTABLISHED, GRADED SLOPES ARE STABLE, AND A CERTIFICATE OF COMPLIANCE HAS BEEN ISSUED FROM THE HARVARD CONSERVATION COMMISSION.
  11. ALL SLOPES STEEPER THAN 3:1 SHALL BE COVERED WITH EROSION CONTROL FABRIC IN LOCATIONS INDICATED IN THE PLAN.
  12. HAY BALES WILL BE USED AROUND THE CATCH BASINS ON THE PROPOSED STREETS TO PROTECT THEM FROM THE ERODING SOILS AND PROVIDE A CHECK DAM TO SLOW THE RUNOFF DURING THE CONSTRUCTION. THE DEVELOPER SHALL PROVIDE VELOCITY CHECK DAMS IN ALL UNPAVED STREET AREAS AT THE INTERVALS INDICATED BELOW:
- | GRADE OF THE DRIVEWAY | INTERVAL BETWEEN CHECK DAMS |
|-----------------------|-----------------------------|
| LESS THAN 4%          | 100 FEET                    |
| 4% TO 10%             | 50 FEET                     |
| OVER 10%              | 25 FEET                     |

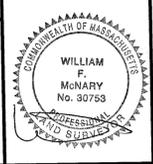
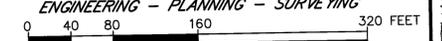
13. THE DEVELOPER IS RESPONSIBLE TO CLEAN UP ANY SEDIMENT OR DEBRIS WHICH ERODES FROM THE SITE INTO THE WETLANDS IMMEDIATELY UPON DISCOVERY.
14. THE DEVELOPER IS RESPONSIBLE TO CLEAN UP ANY SEDIMENT OR DEBRIS WHICH ERODES FROM THE SITE INTO STREETS OR PRIVATE PROPERTY AND TO REMOVE SEDIMENT OR DEBRIS THAT ENTERS ANY EXISTING DRAINAGE SYSTEM INCLUDING CATCH BASIN SUMPS, PIPE LINES, MANHOLES, AND DITCHES.
15. THE CONTRACTOR SHALL FOLLOW STANDARD PRACTICE AND LOAM AND SEED ALL DISTURBED AREAS FOLLOWING CONSTRUCTION. A MAINTENANCE AND OPERATION PLAN SHALL BE IN PLACE AT ALL TIMES ON THE SITE.
16. OPERATOR PERSONNEL MUST INSPECT THE CONSTRUCTION SITE AT LEAST EVERY 7 DAYS AND WITHIN 24 HOURS OF A RAINFALL OF 0.5 INCHES OR MORE. DISTURBED AREAS THAT HAVE BEEN STABILIZED MUST BE INSPECTED AT LEAST ONCE PER MONTH.
17. THE SILTATION CONTROLS SHALL REMAIN IN PLACE UNTIL A VEGETATIVE COVER HAS BEEN ESTABLISHED.
18. ALL CATCH BASIN SUMPS AND MANHOLES SHALL BE CLEANED OUT AFTER CONSTRUCTION.
19. DEVELOPER SHALL ADHERE TO ANY PREVIOUS CONDITIONS WHICH MAY STILL BE IN EFFECT RELATIVE TO THE PORTION OF THE EXISTING GOLF COURSE WHICH IS TO REMAIN.

REVISION	DATE	BY
1	DEC. 21, 2007	PB REVIEW

THE RESIDENCES AT QUAIL RIDGE  
SENIOR RESIDENCE SPECIAL PERMIT  
ACTON, MASSACHUSETTS  
(MIDDLESEX COUNTY)

EROSION AND SEDIMENT  
CONTROL PLAN  
FOR: QUAIL RIDGE COUNTRY CLUB, LLC  
SCALE: 1"=80' JULY 18, 2007

**STAMSKI AND McNARY, INC.**  
80 HARRIS STREET ACTON, MASS.  
ENGINEERING - PLANNING - SURVEYING



I, CLERK OF THE TOWN OF ACTON, MASSACHUSETTS HEREBY CERTIFY THE NOTICE OF THE APPROVAL OF THIS PLAN BY THE ACTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

DATE \_\_\_\_\_  
TOWN CLERK \_\_\_\_\_