

- PLANT PALETTE LEGEND**  
(SEE APPENDIX 1 OF THE HABITAT MANAGEMENT PLAN FOR PALETTE COMPOSITIONS)
- P0 AQUATIC HABITAT - LITTORAL SHELF GROUP
  - P1 AQUATIC HABITAT - SHORELINE GROUP
  - P2 NATIVE GRASS / FORB SPECIES GROUP ± 1' FOR IN-PLAY AREAS
  - P3 NATIVE GRASS / FORB SPECIES GROUP ± 1' FOR OUT-OF-PLAY AREAS
  - G1 TRANSITIONAL GRASSLANDS - P3 GROUP INTERSPERSED WITH P4 TREE AND SHRUB SPECIES
  - P4 TREE & SHRUB SPECIES - INCORPORATED INTO OUT-OF-PLAY AREAS WETLAND / MOIST AREAS AND UPLAND AREAS
  - P6 WETLAND SHELF AND EROSION CONTROL / RESTORATION GROUP FOR STORM WATER MANAGEMENT BASINS
  - HR HIGH ROUGH 4' - 8' IN HEIGHT BORDERING IN-PLAY WATER HAZARDS

- HABITAT CLASSIFICATION LEGEND**
- FOREST HABITAT
  - GRASSLAND AND SCRUB/SHRUB
  - WETLANDS
  - AQUATIC HABITAT / SWM POOLS & BASINS
  - GOLF COURSE
  - RESIDENTIAL AND COMMERCIAL DEVELOPMENT ZONE (INCLUDES LANDSCAPING)

- HABITAT ENHANCEMENT / BUFFER CLASSIFICATION SYSTEM**
- >5' TO <30' HABITAT ENHANCEMENT BOUNDARY
  - 30' WATER QUALITY BUFFER BOUNDARY
  - 30' - 100' BUFFER BOUNDARY

- CH** CONSERVATION BUFFERS  
Comprising ≥ 100 feet of undisturbed native terrestrial vegetation. More than 100 feet of undisturbed, functional native vegetation, with or without supplemental plantings.
- WQ** WATER QUALITY BUFFERS  
Comprising ≥ 30 feet of terrestrial vegetation. More than 30 feet of terrestrial vegetation, with or without supplemental plantings, may or may not include areas of undisturbed native vegetation.
- T** TERRESTRIAL HABITAT ENHANCEMENTS  
Comprising more than 5 feet and less than 30 feet of terrestrial vegetation. More than 5 feet of terrestrial vegetation, with or without supplemental plantings, may or may not include areas of undisturbed native vegetation.
- AQ** AQUATIC HABITAT ENHANCEMENTS  
Comprising up to 5 feet of terrestrial vegetation in combination with shoreline and/or emergent aquatic (perennial or littoral) vegetation.
- AW** STORM WATER IMPOUNDMENTS
- SWM** STORM WATER MANAGEMENT BASINS  
Comprising permanent wet pool, attenuation basin, and contiguous terrestrial habitat enhancements. A 5 to 30 foot habitat enhancement boundary originates from the permanent wet pool edge. SWM locations and habitat enhancement boundaries are pending adoption of final site-specific phasing and construction plan.

- MITIGATION STRUCTURES**
- BAC** BOTTOMLESS ARCHED OR OVER-SIZED BOX CULVERTS - oversized culverts that preserve aquatic and semi-aquatic substrata, natural, unconfined flow regime, and provide sufficient light infiltration and air dissolution to maintain an environment conducive to unrestricted animal movements along aquatic corridors.  
WET - for existing wetlands and streams.  
DRY - for intermittent flows and ephemeral waterways.
- GoB** GOLF COURSE FOOTCANT BRIDGES - abutment and approaches constructed outside of annual high water mark and functional stream bed (including stream banks).
- WT** WILDLIFE TUNNELS - roadway passages placed in known or potential animal migration pathway locations to link critical habitat features that are bisected by roadway construction.

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**NOTES:**  
Maximum water quality buffer limits are not identified for SWM 3. SWM 3 will be removed to a new location outside of the Arden/Cascade Brook floodplain (in the vicinity of Holes 3 and 4) during final modifications to the Master Development Plan (MDP) for the site. This new location is expected to provide for a minimum of 30 feet of water quality buffer around the entire perimeter of the SWM. Modifications to the placement of SWM and subsequent adjustments to the Buffer Management Plan will be incorporated into the MDP during the Special Permit process.

**KEY PLAN**  
A map showing the location of the project area within a larger regional context.

**SILO RIDGE RESORT COMMUNITY**  
AMENIA, NY

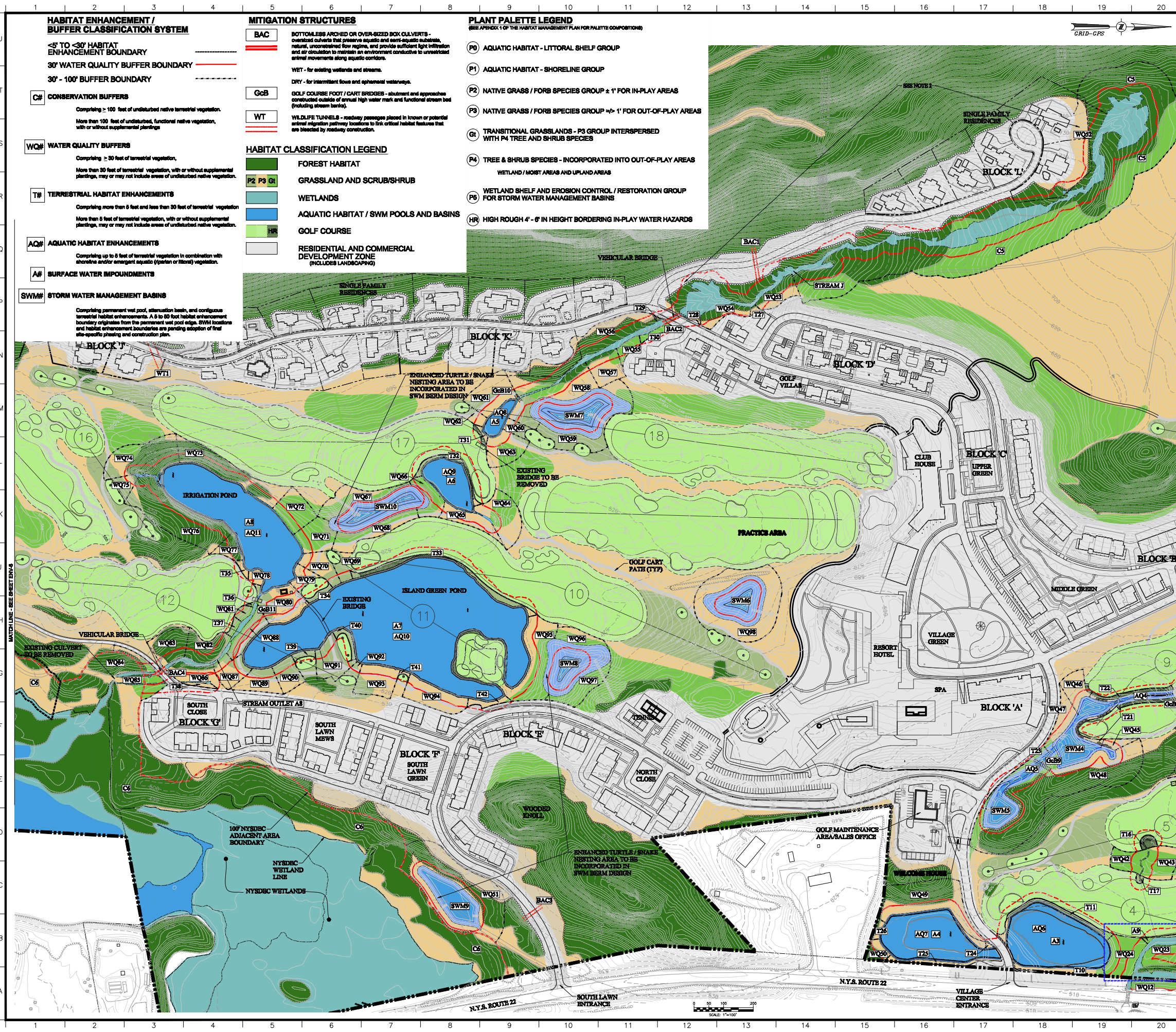
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**HABITAT MANAGEMENT PLAN**  
**BUFFERING PLAN - NORTH**

Project No. 10454.02 Date 04/03/08  
Scale 1"=100'  
Drawing No. ENV-4

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**HABITAT ENHANCEMENT / BUFFER CLASSIFICATION SYSTEM**

<5' TO <30' HABITAT ENHANCEMENT BOUNDARY  
30' WATER QUALITY BUFFER BOUNDARY  
30' - 100' BUFFER BOUNDARY

- C6 CONSERVATION BUFFERS**  
Completing ≥ 100 feet of undisturbed native terrestrial vegetation.  
More than 100 feet of undisturbed, functional native vegetation, with or without supplemental plantings
- WQ4 WATER QUALITY BUFFERS**  
Completing ≥ 30 feet of terrestrial vegetation, with or without supplemental plantings, may or may not include areas of undisturbed native vegetation.
- T8 TERRESTRIAL HABITAT ENHANCEMENTS**  
Completing more than 5 feet and less than 30 feet of terrestrial vegetation, with or without supplemental plantings, may or may not include areas of undisturbed native vegetation.
- AQ3 AQUATIC HABITAT ENHANCEMENTS**  
Completing up to 5 feet of terrestrial vegetation in combination with shoreline and/or emergent aquatic (partial or littoral) vegetation.
- A8 SURFACE WATER IMPOUNDMENTS**
- SWM6 STORM WATER MANAGEMENT BASINS**  
Completing permanent wet pool, retention basin, and contiguous terrestrial habitat enhancements. A 5 to 80 foot habitat enhancement boundary originates from the permanent wet pool edge. SWM locations and habitat enhancement boundaries are pending adoption of final site-specific planning and construction plans.

**MITIGATION STRUCTURES**

- BAC**  
BOTTOMLESS ARCHED OR OVER-SIZED BOX CULVERTS - oversized culverts that preserve aquatic and semi-aquatic substrate, natural, unconfined flow regime, and provide sufficient light infiltration and air circulation to maintain an environment conducive to unrestricted animal movements along aquatic corridors.
- GcB**  
GOLF COURSE FOOT / CART BRIDGES - abutment and approaches constructed outside of annual high water mark and functional stream bed (including stream banks).
- WT**  
WILDLIFE TUNNELS - roadway passages placed in known or potential animal migration pathway locations to link critical habitat features that are blocked by roadway construction.

**HABITAT CLASSIFICATION LEGEND**

- FOREST HABITAT**
- GRASSLAND AND SCRUB/SHRUB**
- WETLANDS**
- AQUATIC HABITAT / SWM POOLS AND BASINS**
- GOLF COURSE**
- RESIDENTIAL AND COMMERCIAL DEVELOPMENT ZONE (INCLUDES LANDSCAPING)**

**PLANT PALETTE LEGEND**

- (P0) AQUATIC HABITAT - LITTORAL SHELF GROUP**
- (P1) AQUATIC HABITAT - SHORELINE GROUP**
- (P2) NATIVE GRASS / FORB SPECIES GROUP ± 1' FOR IN-PLAY AREAS**
- (P3) NATIVE GRASS / FORB SPECIES GROUP ± 1' FOR OUT-OF-PLAY AREAS**
- (G1) TRANSITIONAL GRASSLANDS - P3 GROUP INTERSPERSED WITH P4 TREE AND SHRUB SPECIES**
- (P4) TREE & SHRUB SPECIES - INCORPORATED INTO OUT-OF-PLAY AREAS WETLAND / MOST AREAS AND UPLAND AREAS**
- (P6) WETLAND SHELF AND EROSION CONTROL / RESTORATION GROUP FOR STORM WATER MANAGEMENT BASINS**
- (HR) HIGH ROUGH 4' - 6' IN HEIGHT BORDERING IN-PLAY WATER HAZARDS**

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**NOTES:**  
Maximum water quality buffer widths are not identified for the west bank of Stream J. Modifications to the number and location of the individual residential units in Block L and adjustments to the length and location of the roadway leading to these units will be included in the Master Development Plan (MDP) for the site. These adjustments will provide for habitat protection in the housewarming area of the Stream/J. The site will be developed with a combination of conservation and water quality buffers. Further downstream, a minimum of 60 feet of water quality buffers will be established in association with modified roadway construction. Modifications to the placement of Block L residential units and the associated access road, and subsequent adjustments to the Buffer Management Plan, will be incorporated into the MDP during the Special Permit process.

No.	ISSUE	DATE
1	MASTER DEVELOPMENT PLAN	08-22-08

**KEY PLAN**

**SILO RIDGE RESORT COMMUNITY**  
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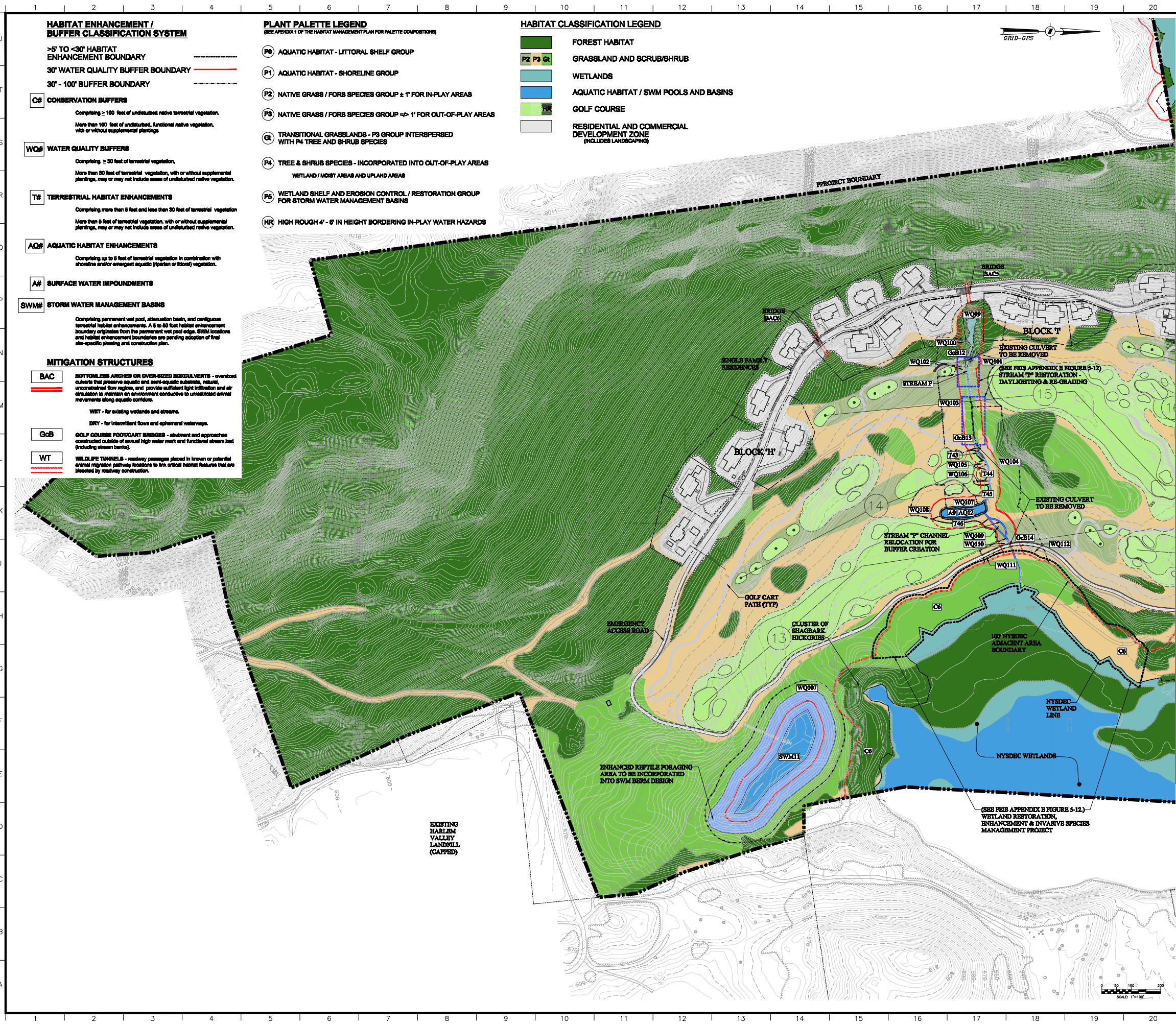
**HABITAT MANAGEMENT PLAN**  
**BUFFERING PLAN - CENTER**

Project No.	Date
10454.02	04/03/08

CD File No.	Scale
	1"=100'

Drawing No. **ENV-5**

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  - Comprising ≥ 100 feet of undisturbed native terrestrial vegetation.
  - More than 100 feet of undisturbed, functional native vegetation, with or without supplemental plantings
- WQH** WATER QUALITY BUFFERS
  - Comprising ≥ 90 feet of terrestrial vegetation.
  - More than 90 feet of terrestrial vegetation, with or without supplemental plantings, may or may not include areas of undisturbed native vegetation.
- TH** TERRESTRIAL HABITAT ENHANCEMENTS
  - Comprising more than 5 feet and less than 30 feet of terrestrial vegetation
  - More than 5 feet of terrestrial vegetation, with or without supplemental plantings, may or may not include areas of undisturbed native vegetation.
- AQH** AQUATIC HABITAT ENHANCEMENTS
  - Comprising up to 5 feet of terrestrial vegetation in combination with shoreline and/or emergent aquatic (hyacinth or lily) vegetation.
- AW** SURFACE WATER IMPOUNDMENTS
- SWM** STORM WATER MANAGEMENT BASINS
  - Comprising permanent wet pool, attenuation basin, and contiguous terrestrial habitat enhancements. A 5 to 50 foot habitat enhancement boundary originates from the permanent wet pool edge. SWM locations and habitat enhancement boundaries are pending adoption of final site-specific phasing and construction plan.

**MITIGATION STRUCTURES**

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  - WET - for existing wetlands and streams.
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- RESIDENTIAL AND COMMERCIAL DEVELOPMENT ZONE (INCLUDES LANDSCAPING)

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NOTES:

No.	ISSUE	DATE
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KEY PLAN

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**HABITAT MANAGEMENT PLAN**  
**BUFFERING PLAN - SOUTH**

Project No.	Date
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CAD File No.	Scale
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Drawing No.
ENV-6

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