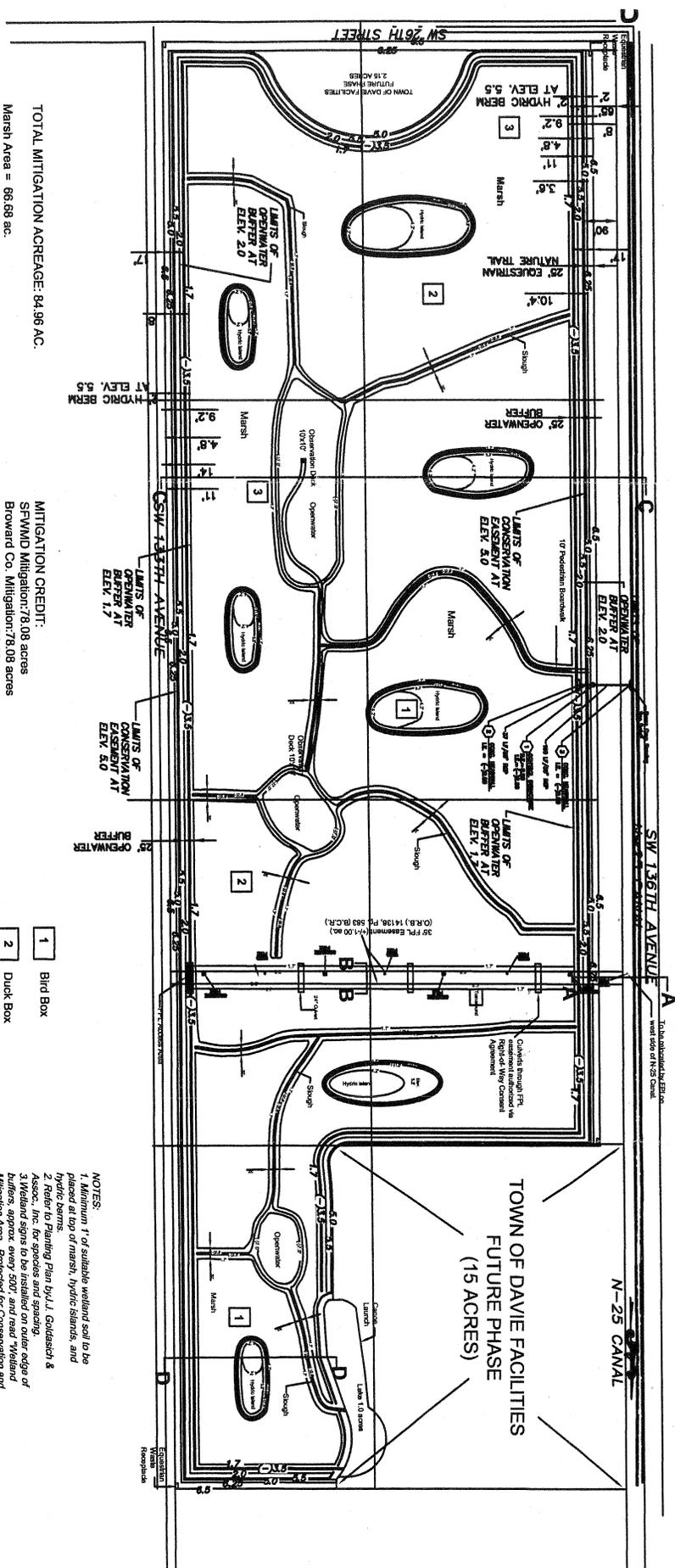


# VAN KIRK WETLAND MITIGATION PLAN



TOTAL MITIGATION ACREAGE: 84.96 AC.

Marsh Area = 66.68 ac.  
Hydric Islands = 2.95 ac.  
Openwater Buffer = 5.81 ac.  
Openwater & Sloughs = 6.75 ac.  
Hydric Berm around Lake = 0.24 ac.  
Hydric Berm around O/W Buffer = 1.89 ac.  
Slopes of FPL Easement = 0.64 ac.

MITIGATION CREDIT:

SFWM D Mitigation: 78.08 acres  
Broward Co. Mitigation: 78.08 acres  
Army Corps Mitigation: 78.08 acres

Includes: Marsh, Hydric Islands, Openwater & Sloughs, Wetland Side of Hydric Berms  
Excludes: Openwater Buffers, Upland Side of Hydric Berms

- 1 Bird Box
- 2 Duck Box
- 3 Osprey Platform

NOTES:

1. Minimum 1' of suitable wetland soil to be maintained in marsh, hydric islands, and hydric berms.
2. Refer to Planing Plan by J.L. Goldsich & Assoc., Inc. for species and spacing.
3. Wetland signs to be installed on outer edge of buffers, approx. every 500' and read "Wetland Mitigation Area. Protected for Conservation and Environmental Use Only". Minimum 12" x 18" in size. See cross-sections a-a and c-c for details.
4. Duck box, bird box to be placed adjacent to the water's edge and to be placed on a minimum of 6' above ground surface.
5. Muck to be placed on transitional bulvers.
6. Equestrian activities restricted to Equestrian/Nature Trail only.
7. No vegetation (i.e. Australian pine) along 65' canal reservation on the west property line shall be removed as part of the mitigation construction.
8. Swales between hydric berm and equestrian trail to be registered with signs.

J.J. Goldsich & Assoc., Inc.  
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VAN KIRK PROPERTY  
Town of Davie/Home Dynamics Corp.  
Offsite Mitigation Plan View  
Section 14, Township 50, Range 40  
Broward County

DATE:	4/05	SCALE:	1" = 450'	SHEET	1 of 4
Date		Revision			

Environmental Consultants  
Professional Wetland Scientists