

ISOLATED WETLANDS

ENCROACHMENT
PROPOSED ENCROACHMENT

AREA	ACRES
i	0.14**
j	0.08

Total 0.22 Acres

* TEMPORARY SEWER LINE
ENCROACHMENT

AREA	ACRES
x	0.31

** ISOLATED WETLAND CLAIMED BY PC/DEM

BUFFERS

REQUIRED

SEE NOTE NO. 2

15(50') BUFFER - PRESERVATION AREA BASIN "A" AND "B"

AREA	L.F.	S.F.	ACRES
w	1,400	21,000	0.48
t	900	13,500	0.31

15' BUFFER ISOLATED WETLAND AND CHANNEL "E"

AREA	L.F.	S.F.	ACRES
u	330	4,950	0.11
s	770	11,550	0.27

TOTAL REQUIRED BUFFERS 1.17 ACRES

PROVIDED

15' UPLAND BUFFER

AREA	L.F.	S.F.	ACRES
o	1,200	18,000	0.41
v	1,450	21,750	0.50
y	840	12,600	0.29
n	175 +/-	3,132	0.07

CRESTWOOD OAKS DRAINAGE AREA "E"
UPLAND PRESERVATION BUFFER PARCEL "K"

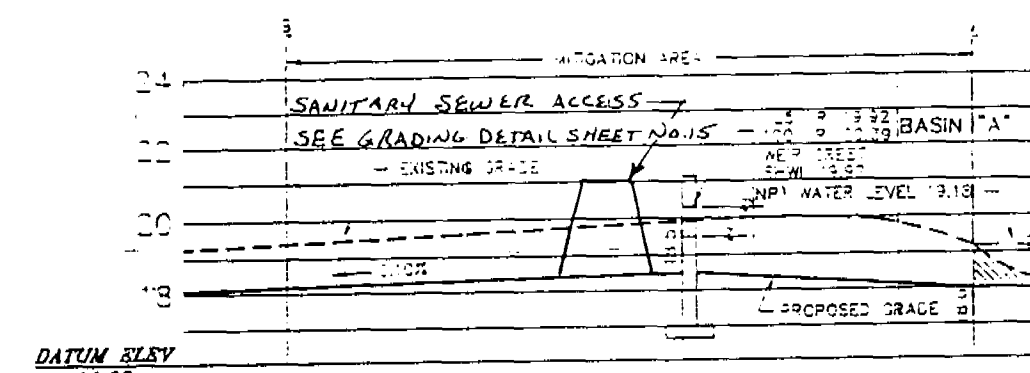
TOTAL PROVIDED UPLAND BUFFERS 1.52 AC

UPLAND PRESERVATION

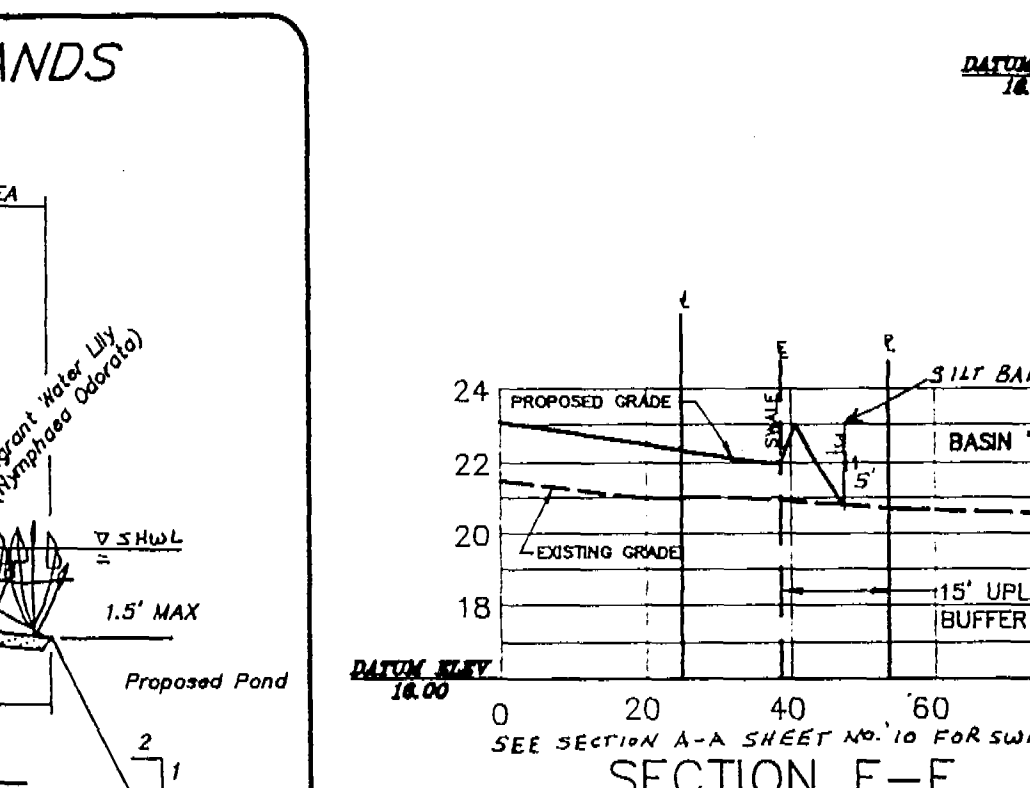
UPLANDS 28.59 AC

TOTAL REQUIRED 0.87 AC

SEE ENHANCEMENT PLAN SHEET NO. 14.



TYPICAL SECTION PROPOSED WETLANDS ON LITTORAL SHELF OF LAKES



SECTION 7

WETLAND MITIGATION PLAN

SUMMARY WETLAND/UPLAND IMPACTS

Total Area	41.52 Ac
Upland	28.59 Ac
Isolated Wetland	0.22 Ac
Wetlands	12.71 Ac

Basin "A"	9.92 Ac
Basin "B"	2.43 Ac
Channel "E"	.38 Ac
Total	12.71 Ac

Impacted Wetlands (0.45 - 0.08 Offsite) 0.37 Ac

Preserved Wetland 12.34 Ac

Area Compensation 3.98 Ac

Open Water 8.38 Ac

Vegetation (12.34 - 3.98) 8.36 Ac

Type for Type Mitigation 0.50 Ac

Enhancement (Remove Exotics) 8.38 Ac

Post Development Wetlands 12.84 Ac

Upland Conservation Assessment 1.52 Ac

* Includes 0.08 Ac of 0.47 Ac of offsite wetlands within McMullen Booth Road consumed and being mitigated for on site.

WETLAND/UPLAND IMPACTS DETAIL

JURISDICTIONAL WETLAND

ENCROACHMENT/MITIGATION
PROPOSED DREDGE/FILL

AREA	ACRES
a	0.03
b	0.01
c	0.03
d	0.05
e	0.04
f	0.05
g	0.01
h	0.06
i	0.13
j	0.04
k	0.04
l	0.45 Acres

AREA	ACRES
n	0.074
n1	0.043
p	0.14
q	0.08
r	0.16
Total	0.497 Acres

TEMPORARY IMPACT

0.04 (0.04 Ac Off-Site)

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x* 0.31

PC/DEM Encroachment = 0.59 Ac (0.45 + 0.14)
Temporary wetland impact to construct Sanitary Sewer Utility under wetland (See Dr. Richardson's Letter of 8/8/94).

SEE SHEETS No. 4, 7, 8, 9 FOR LIMITS OF EROSION CONTROL.

NOTE:

- ADDITIONAL WETLAND ENHANCEMENT PROPOSED IN BASINS A & B. SEE SHEET NO. 14 OF CONSTRUCTION DRAWINGS.
- 50' UPLAND BUFFER VARIANCE GRANTED TO REDUCE TO 15' WITH CONDITIONS. SEE PC-DEM LETTER DATED 7-15-94 FROM WILLIAM DAVIS.
- CONSERVATION EASEMENT NOTE: (subject to, and exclusive of conflicting easements)

The intent of the easement area is to retain the easement area in an essentially natural condition. The following acts or activities are expressly prohibited within the easement in the absence of a specific permit from the Grantee:

- Construction or placing of any structure or materials on or above the ground.
- Construction or placing of utilities, drainage facilities, mitigation areas, or the planting of vegetation.
- The placement of any material such as trash or waste which is inconsistent with the intent of the conservation easement.
- Placement, removal or destruction of trees, shrubs or other vegetation, including mowing, pesticide and herbicide uses.
- Excavation or other removal of material.
- Uses except for the purposes that permit area defined by the easement to remain in an essentially natural condition.
- Any activity detrimental to drainage, flood control, water conservation, erosion control, soil conservation, or fish and wildlife habitat preservation.

The following rights are conveyed to the Grantee by this easement:

- To enter upon the Property at reasonable times to enforce the rights herein granted upon prior notice to Grantor, its heirs, successors or assigns at the time of such entry.

ENVIRONMENTAL LINE APPROVED BY:

SWFWMD per letter dated Jan. 20, 1994 by Alberto J. Martinez
USACE per letter dated Jan. 27, 1994 by Joseph R. Bachelor
PC/DEM per letter dated Feb. 16, 1994 by Bill Sova

OLD HARBOR PLACE

JCLA
John C. Landon & Associates
CIVIL & ENVIRONMENTAL ENGINEERS
PLANNERS - SURVEYORS

SHEET 13 OF 15