LIST OF EXHIBITS

EXHIBIT NO.

1. SFWMD Basins & Drainage Districts with the TOC
2. Aerial Map of TOC Depicting Existing Drainage Infrastructure

3A Aerial Map with Lidar Topography Contours (North of C-11 Canal)

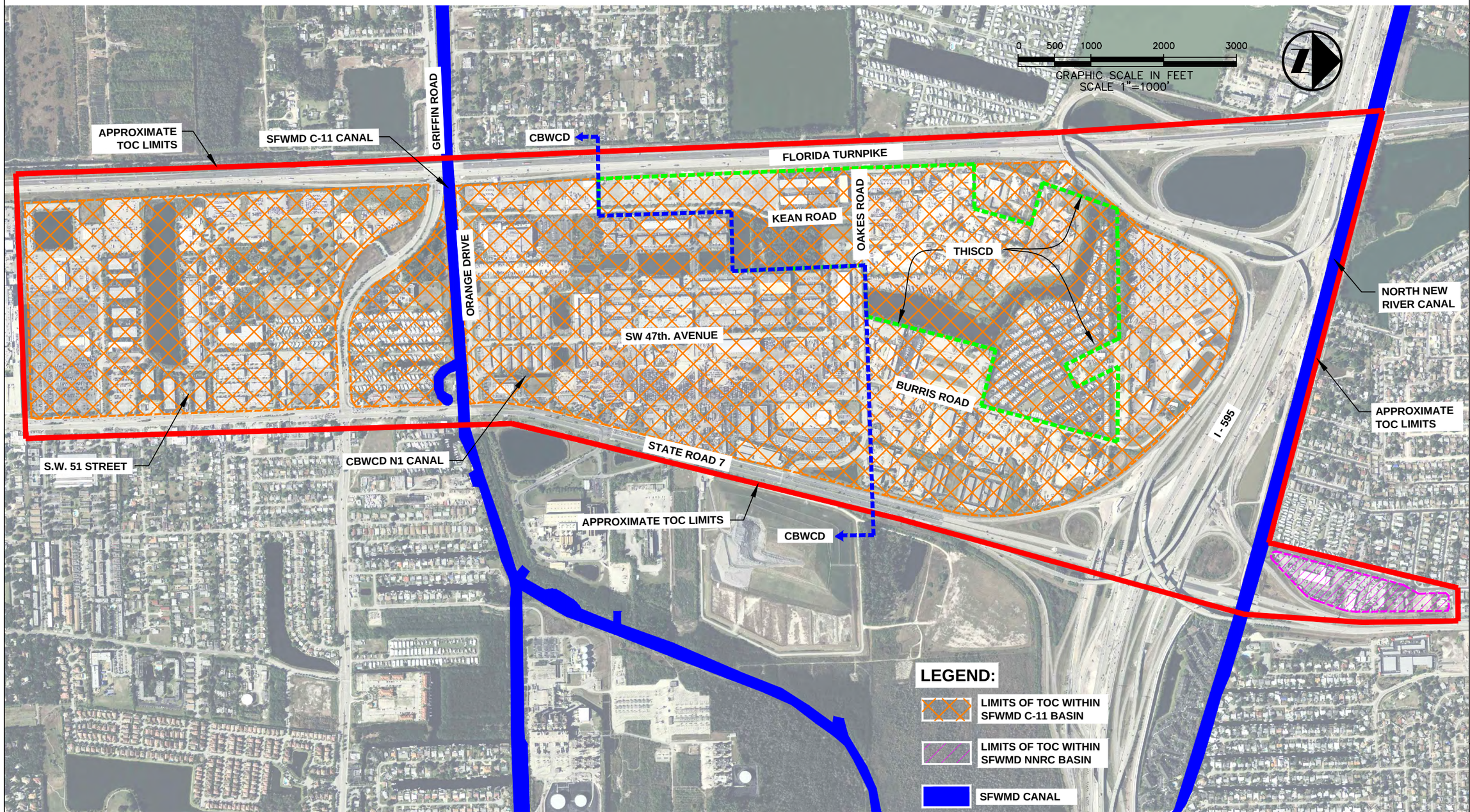
3B Aerial Map with Lidar Topography Contours (South of C-11 Canal)

4A Broward County Wet Season Water Table Map (December 1980)

4B Broward County Wet Season Water Table Map (March 27, 2000)

4C Broward County Wet Season Water Table Map (Latest Edition)

5. Broward County Soils Map
6. Draft Alternative 1
7. Draft Alternative 2Map Of Drainage Basins Within The Final Stormwater Master Plan
8. Final TOC Land Use Breakdown And Maximum Discharge Calculations
9. Final TOC Grading Parameters Per Basin/Sub-Basin
10. Final Stormwater Master Plan (North of the C-11 Canal)
11. Final Stormwater Master Plan (South of the C-11 Canal)
12. Final Stormwater Master Plan
13. Comparison Chart of the Pre and Post ICPR Modeling Results
14. Map Identifying which Properties will Incur Increased Flood Stages



DATE: 11/29/12
SCALE: NTS
DESIGN BY: C.L.
DRAWN BY: E.H.M.
CHECKED BY: C.L.
APPROVED BY:

BY:	DATE:	DESCRIPTION:

CRAVEN • THOMPSON AND ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
FAX: (954) 739-6409 TEL: (954) 739-6400
FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. 0000114

MATERIAL SHOWN HEREON IS THE PROPERTY OF CRAVEN, THOMPSON & ASSOCIATES, INC. AND SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT PERMISSION OF CRAVEN • THOMPSON & ASSOCIATES, INC. WRITTEN CRAVEN • THOMPSON & ASSOCIATES, INC. COPYRIGHT ©2012

TOWN OF DAVIE TOC STORMWATER MASTER PLAN

PREPARED FOR: TOWN OF DAVIE

SFWMD BASINS WITHIN T.O.C.

PROJECT NO. 11-0009

EXHIBIT # 1

SHEET 1 OF 1

0 500 1000 2000 3000

GRAPHIC SCALE IN FEET
SCALE 1"=1000'

ORANGE DRIVE OUTFALL TO C-11
ORANGE DR. OUTFALLS TO C-11
KEANE ROAD DRAINAGE SYSTEM WITH INDEPENDENT OUTFALL TO THE SFWMD C-11 CANAL
OUTFALL TO C-11 VIA 36" RCP
CONTROL STRUCTURE OUTFALL TO THE KEANE ROAD DRAINAGE SYSTEM
LAKE OUTFALLS WITH WEIRS FOR WATER QUALITY
OUTFALL TO FDOT ROW VIA A 24" PIPE OVERFLOW @ R.E.=3.60
INTER-CONNECTED SWALE SYSTEM
60"X38" R.C.P. PIPE
30" C.M.P. OUTFALL PIPE TO FDOT ROW
SITE OUTFALL STRUCTURE TO THE SWALE AND ROADWAY DRAINAGE SYSTEM
60"X38" R.C.P. PIPE
4'X4' R.C.P. BOX CULVERT
ON-SITE DRAINAGE SYSTEM DISCHARGING TO THE LAKE
ON-SITE DRAINAGE SYSTEM DISCHARGING TO THE LAKE
72" C.M.P. PIPE
OUTFALL TO FDOT ROW VIA 18" CMP PIPE OVERFLOW @ R.E.=4.16
CONTROL STRUCTURE WITH OUTFALL TO FDOT ROW VIA 15" PIPE
FLORIDA TURNPIKE
FDOT CONTROL STRUCTURE WITH OVERFLOW @ R.E.=5.00
FDOT RETENTION PONDS
KEAN RD.
24" C.M.P. PIPE
36" C.M.P. PIPE
LAKE INTER-CONNECTS
S.W. 49TH WAY.
FLORIDA TURNPIKE
66" C.M.P PIPE
OUTFALL PIPE CONNECTING THE THISCD LAKE TO THE THE FDOT RIGHT-OF-WAY 30"C.M.P. PIPE
ON-SITE DRAINAGE SYSTEM DISCHARGING TO THE LAKE
OUTFALL INTO LAKE (TYP.)
GRIFFIN ROAD
SFWMD C-11 CANAL
21" C.M.P. OUTFALL PIPE
LAKE OUTFALLS
36" LAKE OUTFALL
LAKE OUTFALL
24" C.M.P PIPE
THISCD LAKE
SW 47TH. AVE. DRAINAGE SYSTEM
S.W. 47TH AVE.
OAKES ROAD DRAINAGE SYSTEM
THIS AREA HAS NO OUTFALL (100Z RETENTION)
I - 595
ORANGE DR. SWALE INTER-CONNECTS
ON-SITE DRAINAGE SYSTEM WITH NO OFF-SITE DISCHARGE
STRUCTURE CONNECTING THE DITCH TO THE OAKES RD. DRAINAGE SYSTEM
OUTFALL INTO FDOT SYSTEM VIA 15" CULVERT
15" R.C.P.
BURRIS RD.
Ñ1600' DITCH
15" R.C.P.
RETENTION INTER-CONNECT PIPE (15") TO FDOT SWALE
BURRIS RETENTION
BURRIS ROAD DRAINAGE SYSTEM
441 SWALE
S.W. 51 STREET
STATE ROAD 7
CONTROL STRUCTURE OUTFALL TO C-11
OUTFALL TO C-11 VIA 36" RCP PIPE
CONTROL STRUCTURE OUTFALL TO THE N-1 CANAL
CONTROL STRUCTURE OUTFALL TO THE N-1 CANAL VIA A 36" R.C.P. PIPE
84" C.M.P. CULVERT
CONTROL STRUCTURE OUTFALL TO THE CULVERT
84" C.M.P. CULVERT
CONTROL STRUCTURE OUTFALL TO THE CULVERT VIA 15" R.C.P. PIPE
72" R.C.P. CULVERT
CONTROL STRUCTURE OUTFALL TO THE CULVERT
60" R.C.P. CULVERT
48" R.C.P. CULVERT
36" R.C.P. STORM DRAINAGE SYSTEM, WITH OUTFALL INTO C-11 TIDAL CANAL
CONTROL STRUCTURE OUTFALL TO THE CULVERT
42" R.C.P. CULVERT
SITE OUTFALL TO THE DRY RETENTION AREA 42" R.C.P. PIPE
441 SWALE
OAKES ROAD DRAINAGE SYSTEM
OAKES RD. DRAINAGE SYSTEM OUTFALL TO WET RETENTION 36" R.C.P. PIPE
SITE OUTFALL TO THE WET RETENTION 36" R.C.P. PIPE
WET RETENTION R.E.=5.01
WET RETENTION R.E.=5.89
24" R.C.P.
CULVERT OUTFALL 36" R.C.P. PIPE
OUTFALL PIPE FROM THE DRY RETENTION AREA TO THE WET RETENTION VIA A 36" R.C.P. PIPE
30" R.C.P.
54" PIPE CONNECTING EXISTING DITCH TO 441 SWALE

TINDALL HAMMOCK IRRIGATION AND CONSERVATION BOUNDARY
CENTRAL BROWARD WATER CONTRO DISTRICT
BROWARD COUNTY
T.O.C. BOUNDARY

DATE:	11/29/12
SCALE:	NTS
DESIGN BY:	C.L.
DRAWN BY:	E.H.M.
CHECKED BY:	C.L.
APPROVED BY:	

BY:	DATE:	DESCRIPTION:

CRAVEN • THOMPSON AND ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
FAX: (954) 739-6409 TEL: (954) 739-6400
FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. 0000114

MATERIAL SHOWN HEREON IS THE PROPERTY OF CRAVEN, THOMPSON & ASSOCIATES, INC. AND SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT PERMISSION OF CRAVEN • THOMPSON & ASSOCIATES, INC. © COPYRIGHT CRAVEN • THOMPSON & ASSOCIATES, INC. COPYRIGHT ©2012

TOWN OF DAVIE TOC
STORMWATER MASTER PLAN

PREPARED FOR:
TOWN OF DAVIE

EXISTING DRAINAGE INFRASTRUCTURE

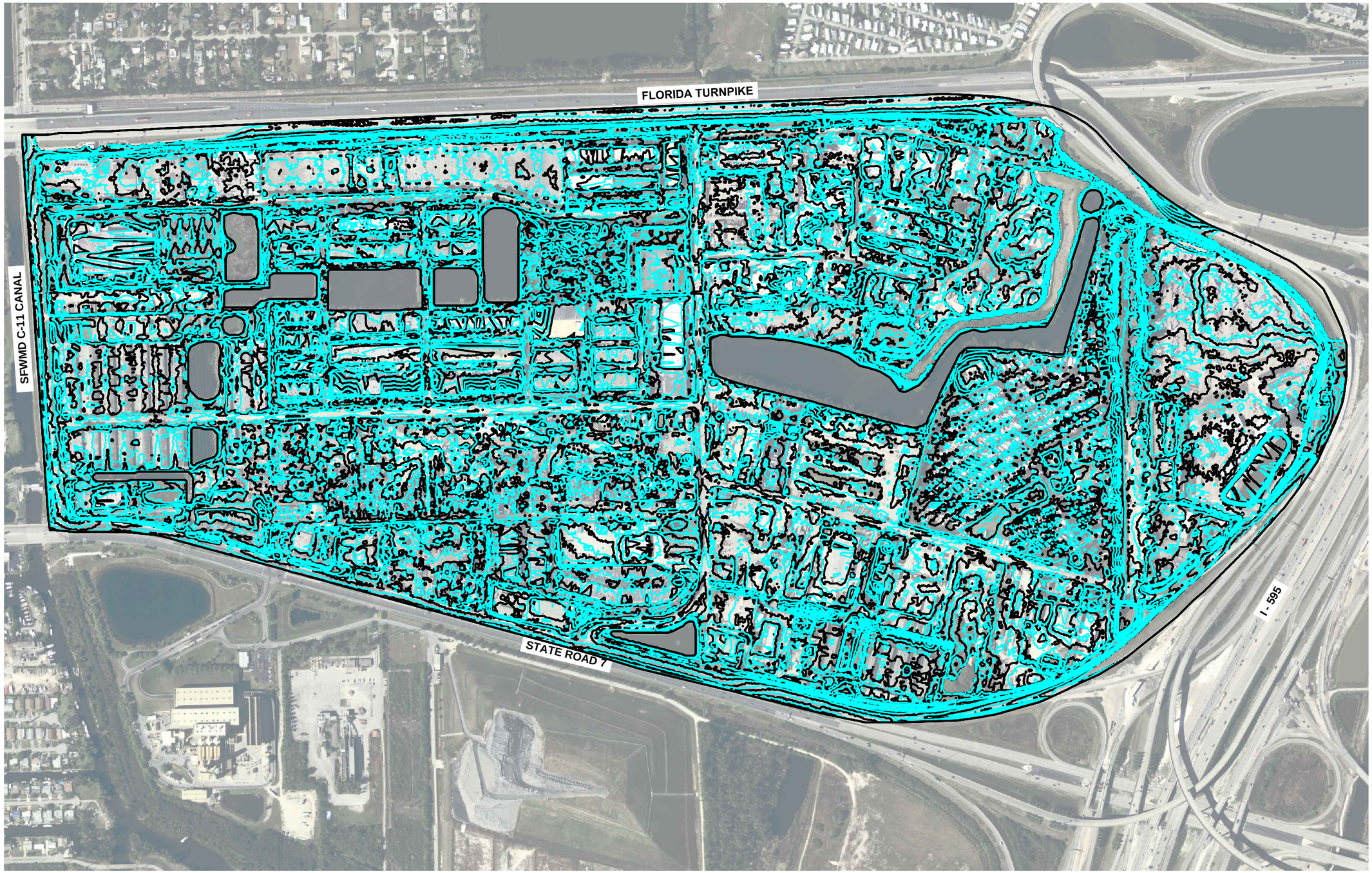
PROJECT NO.
11-0009

EXHIBIT # 2

SHEET 1 OF 1

0 150 300 600 900

GRAPHIC SCALE IN FEET



DATE:	11/29/12
SCALE:	NTS
DESIGN BY:	C.L.
DRAWN BY:	E.H.M.
CHECKED BY:	C.L.
APPROVED BY:	

DESCRIPTION:	BY:	DATE:

CRAVEN • THOMPSON AND ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
FAX: (954) 739-6409 TEL: (954) 739-6400
FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. 0000174

MATERIAL SHOWN HEREON IS THE PROPERTY OF CRAVEN, THOMPSON & ASSOCIATES, INC. AND SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT PERMISSION OF CRAVEN-THOMPSON & ASSOCIATES, INC. WRITTEN CRAVEN - THOMPSON & ASSOCIATES, INC. COPYRIGHT @ (2012)

TOPOGRAPHIC CONTOUR MAP OF THE TOC SOUTH OF I-595

PREPARED FOR:
TOWN OF DAVIE

EXHIBIT 3A

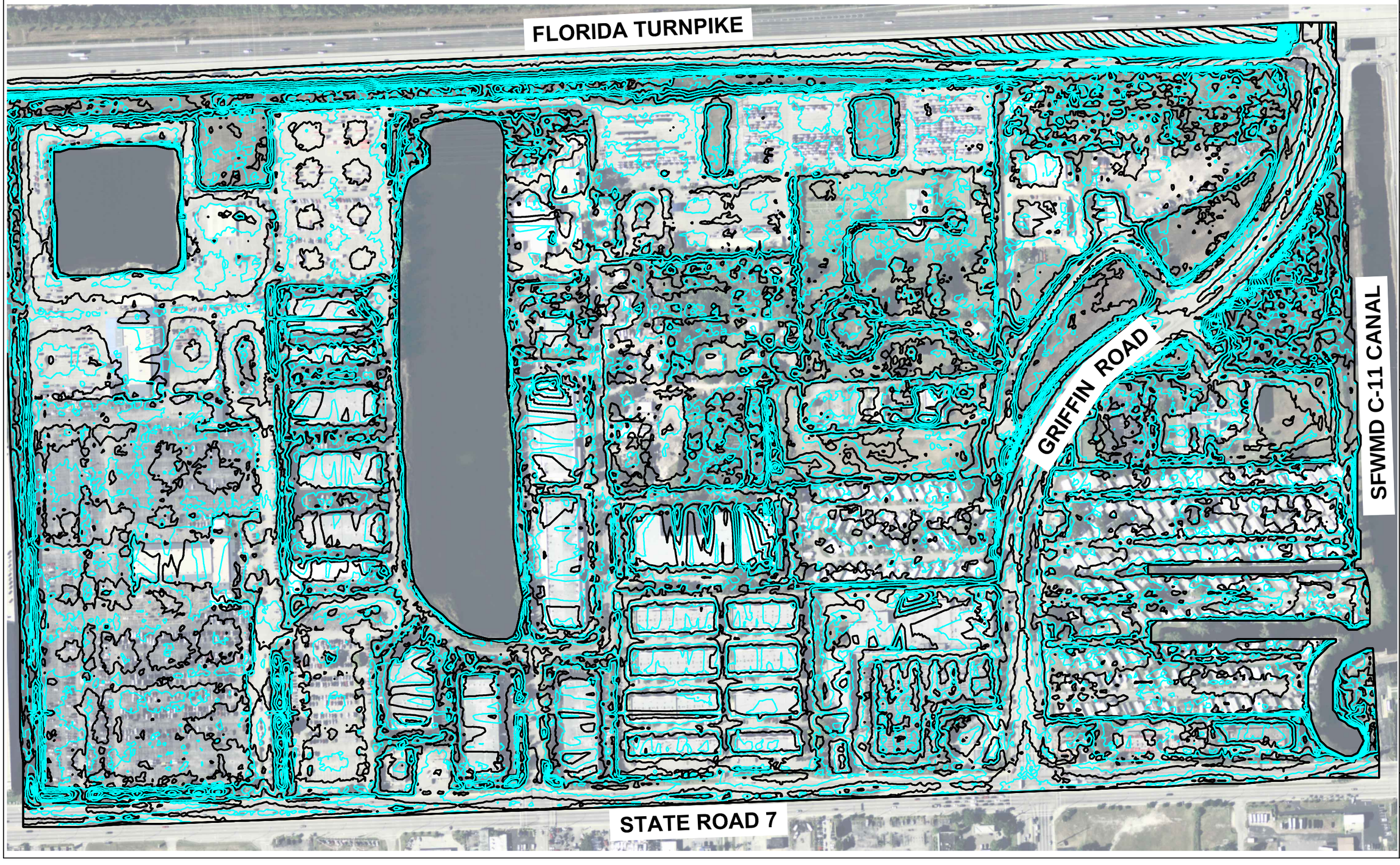
PROJECT NO.
11-0009

EXHIBIT 3A

SHEET 1 OF 1

0 150 300 600 900

GRAPHIC SCALE IN FEET



DATE:	11/29/12
SCALE:	NTS
DESIGN BY:	C.L.
DRAWN BY:	E.H.M.
CHECKED BY:	C.L.
APPROVED BY:	

DESCRIPTION:	BY:	DATE:

CRAVEN • THOMPSON AND ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 739-6400 FAX: (954) 739-6409
FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. 0000174

MATERIAL SHOWN HEREON IS THE PROPERTY OF CRAVEN, THOMPSON & ASSOCIATES, INC. AND SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT PERMISSION OF CRAVEN, THOMPSON & ASSOCIATES, INC. WRITTEN CRAVEN, THOMPSON & ASSOCIATES, INC. COPYRIGHT © (2012)

TOPOGRAPHIC CONTOUR MAP OF THE TOC SOUTH OF I-595

PREPARED FOR:
TOWN OF DAVIE

EXHIBIT 3B

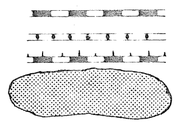
PROJECT NO.
11-0009

EXHIBIT 3B

SHEET 1 OF 1

LEGEND

PRIMARY CANALS
SECONDARY CANALS
LEVEE WITH BORROW CANAL
AREAS OF LOWER WATER LEVEL DUE TO WELL FIELD PUMPING



Approximate TOC Limits

NOV 0 2 1989

EXHIBIT 4A

BOARD OF COUNTY COMMISSIONERS
BROWARD COUNTY, FLORIDA

AVERAGE WET SEASON WATER LEVELS

SCALE IN MILES 0 2 1" = 6,030±

BROWARD COUNTY TRANSPORTATION DEPT.
WATER MANAGEMENT DIVISION

DATE DEC. 1980. SHEET ONE OF ONE

DRAWING ENHANCED DEC. 2, 1986
REV. AUG. 1985

WATER TABLE MAP
Wet Season

BROWARD COUNTY FLORIDA

Broward County Office of
Environmental Services
Water Management Division

March 27, 2000
Wetsea2234.apr

EXHIBIT 4B

WATER TABLE MAP

Average Wet Season

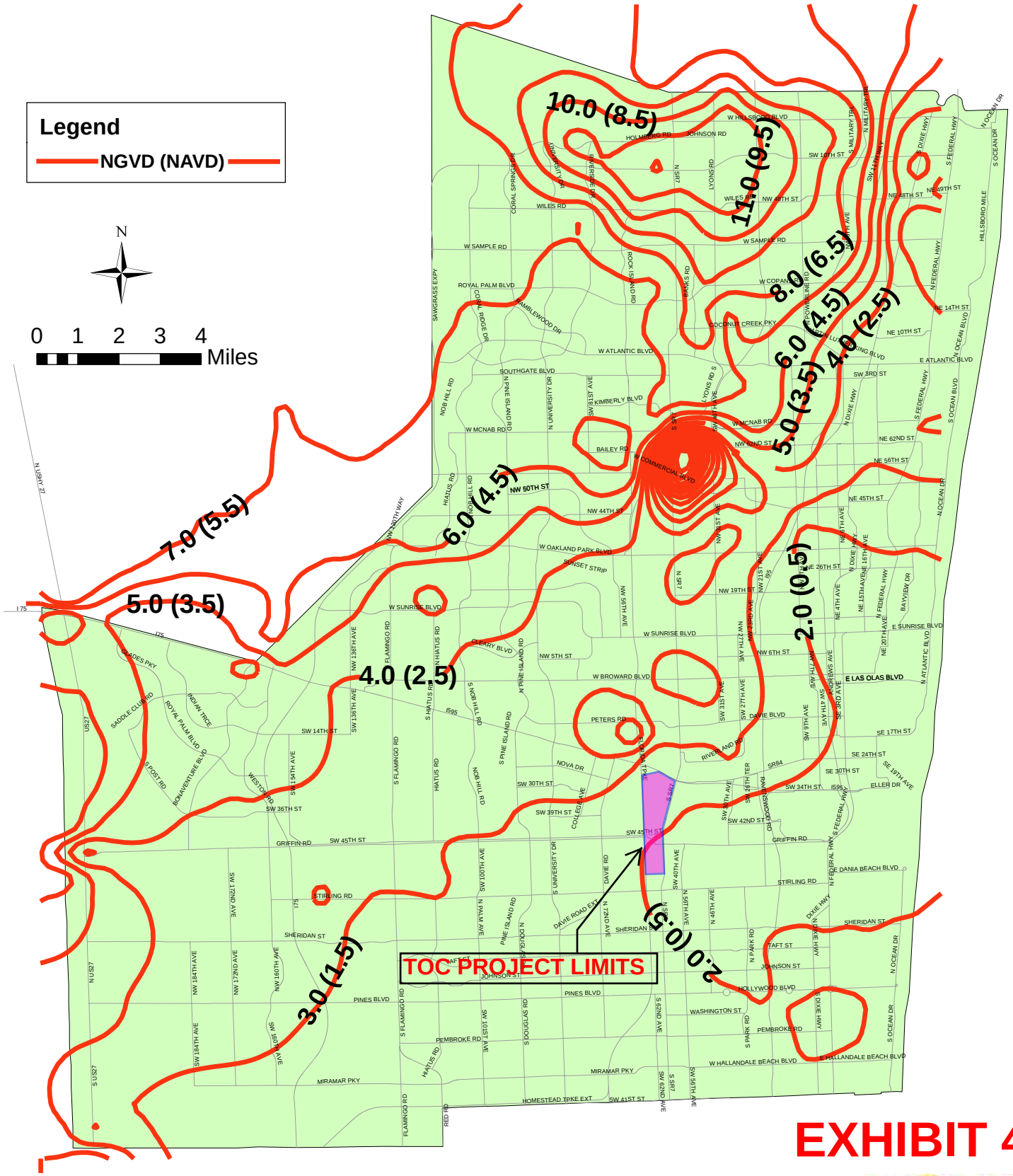


EXHIBIT 4C

This map provided for informational purposes only
Not for legal boundary determination
Elevations Converted from NGVD to NAVD using the FEMA approved conversion factor for Broward County of (-)1.5

BROWARD COUNTY FLORIDA