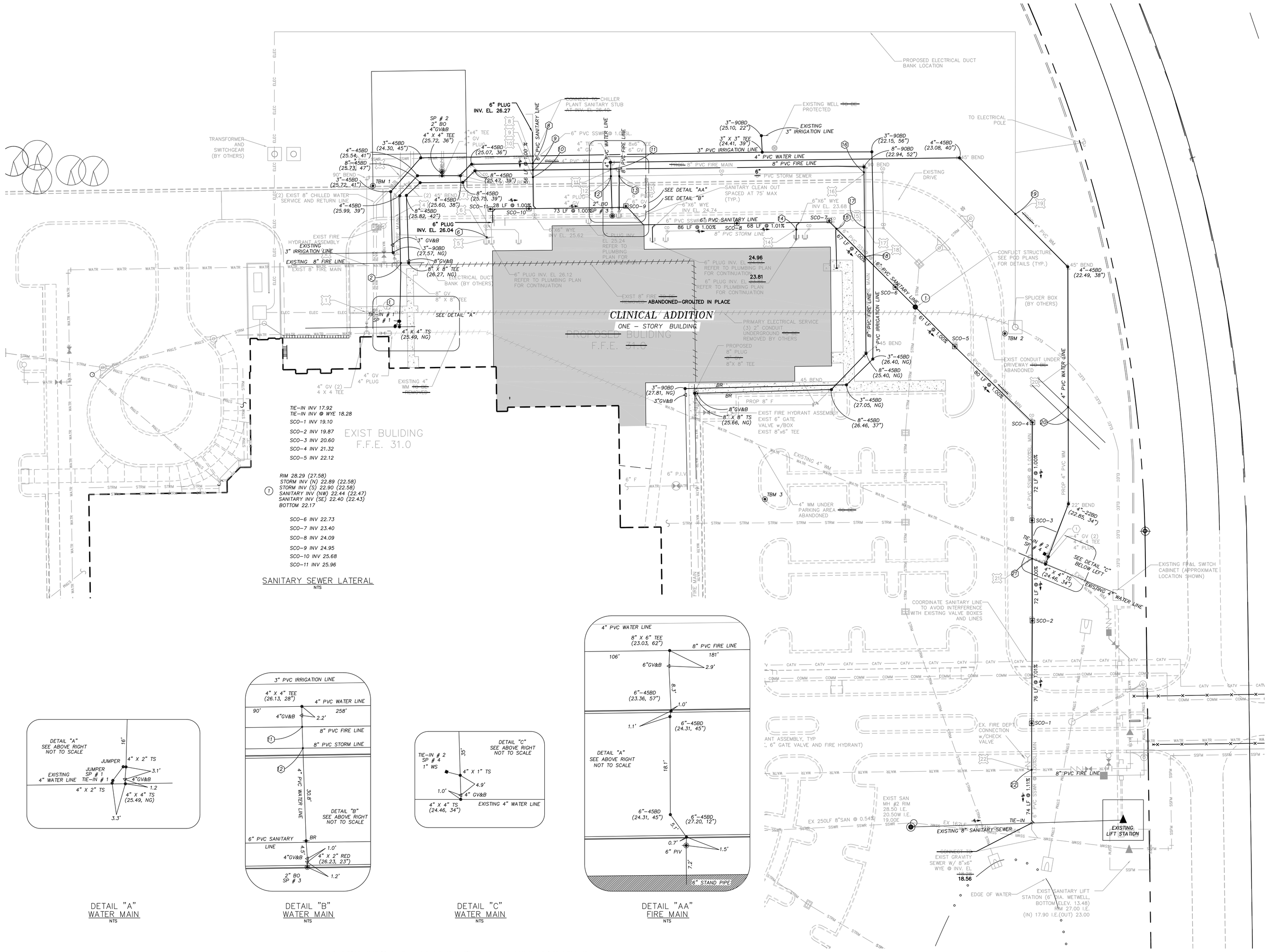

UTILITY CROSSING

FINISHED GRADE : ~~30.00~~ (NG) ELEC B.O.P. : ~~25.50~~ * WAT T.O.P. : ~~25.84~~ 25.34	FINISHED GRADE : ~~29.00~~ 28.13 DRN B.O.P. : ~~24.05~~ 24.55 FIRE T.O.P. : ~~23.68~~ 23.18
FINISHED GRADE : ~~30.00~~ 29.75 FIRE B.O.P. : ~~25.62~~ 25.62 WAT T.O.P. : ~~24.68~~ 24.33	FINISHED GRADE : ~~29.00~~ 29.14 DRN B.O.P. : ~~25.34~~ 25.34 SS T.O.P. : ~~24.68~~ 24.34
FINISHED GRADE : ~~30.00~~ ELEC B.O.P. : ~~25.50~~ CONFLICT ELIMINATED	FINISHED GRADE : ~~29.00~~ 28.96 DRN B.O.P. : ~~25.34~~ 25.11 SS T.O.P. : ~~24.68~~ 23.76
FINISHED GRADE : ~~30.00~~ ELEC B.O.P. : ~~25.50~~ CONFLICT ELIMINATED	FINISHED GRADE : ~~29.00~~ 27.29 FIRE B.O.P. : ~~25.62~~ 21.69 DRN T.O.P. : ~~24.68~~ 24.25
FINISHED GRADE : ~~30.00~~ ELEC B.O.P. : ~~25.50~~ CONFLICT ELIMINATED	FINISHED GRADE : ~~29.00~~ 28.51 DRN B.O.P. : ~~24.05~~ 24.85 FIRE T.O.P. : ~~23.68~~ 23.86
FINISHED GRADE : ~~30.00~~ 29.72 DRN B.O.P. : ~~27.18~~ 26.97 ELEC T.O.P. : ~~25.84~~ *	FINISHED GRADE : ~~30.00~~ 29.94 FIRE B.O.P. : ~~24.05~~ 24.31 SS T.O.P. : ~~23.68~~ 23.49
FINISHED GRADE : ~~30.00~~ DRN B.O.P. : ~~27.18~~ CONFLICT ELIMINATED	FINISHED GRADE : ~~30.00~~ 26.90 WAT B.O.P. : ~~25.50~~ 22.87 ELEC T.O.P. : ~~25.84~~ *
FINISHED GRADE : ~~30.00~~ 28.02 SS B.O.P. : ~~25.62~~ 25.88 WAT T.O.P. : ~~24.68~~ 24.30	FINISHED GRADE : ~~30.00~~ 25.80 WAT B.O.P. : ~~23.18~~ 22.59 ELEC T.O.P. : ~~25.84~~ *
FINISHED GRADE : ~~30.00~~ 28.13 SS B.O.P. : ~~25.62~~ 25.89 FIRE T.O.P. : ~~24.68~~ 24.85	FINISHED GRADE : ~~30.00~~ 27.52 WAT B.O.P. : ~~24.05~~ 24.03 SS T.O.P. : ~~23.68~~ 20.79
FINISHED GRADE : ~~30.00~~ 28.70 SS B.O.P. : ~~25.62~~ 25.88 DRN T.O.P. : ~~27.18~~ 25.39	FINISHED GRADE : ~~30.00~~ 28.54 WAT B.O.P. : ~~24.05~~ 24.46 SS T.O.P. : ~~23.68~~ 19.30
FINISHED GRADE : ~~30.00~~ 28.07 WAT B.O.P. : ~~25.50~~ 25.72 FIRE T.O.P. : ~~24.68~~ 23.22	
FINISHED GRADE : ~~30.00~~ 28.23 WAT B.O.P. : ~~25.50~~ 25.69 DRN T.O.P. : ~~24.68~~ 25.12	

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
1 INCH = 30 FEET

GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY EXACT LOCATIONS, SIZES AND MATERIALS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION, WHETHER SHOWN OR NOT SHOWN ON PLANS.
2. CONTRACTOR SHALL PLAN ALL CROSSINGS BETWEEN SANITARY SEWER SERVICES AND DRAINAGE LINES OR OTHER UTILITIES PRIOR TO CONSTRUCTION.
3. WATER & SEWER LINES SHALL BE LAID WITH A MINIMUM THREE (3) FOOT LATERAL SEPERATION FROM OBSTRUCTIONS (I.E. CULVERTS, STRUCTURES, ETC.) AND A MINIMUM FIVE (5) FOOT CLEARANCE FROM TREES. FIRE HYDRANTS SHALL HAVE A 7.5' CLEAR RADIUS OF ANY OBSTRUCTIONS.
4. WATER MAIN SHALL CROSS OVER DRAINAGE & SEWER LINES UNLESS OTHERWISE SPECIFIED ON PLAN.
5. ALL EXISTING MANHOLES, VALVES, ETC. ARE TO BE ADJUSTED TO MATCH PROPOSED ELEVATIONS.
6. WHERE UNDERGROUND WATER MAINS AND HYDRANTS ARE TO BE PROVIDED, THEY SHALL BE INSTALLED, COMPLETED, AND IN SERVICE PRIOR TO CONSTRUCTION WORK.
7. ANY TREES OR OTHER LANDSCAPING AFFECTED BY UTILITY INSTALLATION SHALL BE REPLACED WITH EQUAL SIZE/HEIGHT SPECIMEN AT NO ADDITIONAL COST TO THE OWNER.

LEGEND

- PROPERTY LINE (PL)
- EXISTING WATER MAIN, GATE VALVE (G.V.), TEE, F.H. AND PLUG
- UTILITIES TO BE REMOVED
- EXISTING SANITARY MANHOLE AND MAIN
- PROPOSED WATER MAIN, GATE VALVE (G.V.), BEND AND TEE WITH FIRE HYDRANT ASSEMBLY
- PROPOSED SANITARY SEWER SERVICE AND CLEAN OUT (C.O.)
- EXISTING STORM DRAIN LINE, CATCH BASIN, MANHOLE AND FLOW
- PROPOSED STORM DRAIN LINE, CATCH BASIN, MANHOLE AND FLOW
- WATER MAIN SAMPLE POINT
- EXISTING TELECOMMUNICATION LINES
- EXISTING CABLE TV OR DATA LINES
- EXISTING SANITARY FORCE MAIN

Call two full business days (but not more than five) before digging to find out where buried facilities (electric, gas, telephone, cable, water) are located.
It's the Law! 1-800-432-4770
www.callsunshine.com
FP&L (305) 347-3900
Sunshine State One Call of Florida, Inc.

THESE RECORD DRAWINGS HAVE BEEN PREPARED BASED UPON THE AS-BUILT SURVEY DATA PROVIDED BY DAVID A. DEITHORN, P.S.M. #2412 (FL), DON LUCHETTI CONSTRUCTION, INC., VA PROJECT NO. 675-08-700, AND REDLINED AS-BUILTS BY CORE ENGINEERING & CONSTRUCTION, INC. THESE RECORD DRAWING HAVE BEEN REVIEWED BY THE ENGINEER OF RECORD AND FOUND TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CONSTRUCTION DRAWINGS. THIS STATEMENT IS NOT MEANT TO IMPLY THAT THE ENGINEER OF RECORD PROVIDED ANY AS-BUILT INFORMATION UTILIZED IN THE PREPARATION OF THIS DRAWING.

THIS CERTIFICATION APPLIES TO ALL PORTIONS OF THE CLINICAL ADDITION PROJECT, EXCLUDING WORK UNDER OTHER SEPARATE PROJECTS.

RECORD DOCUMENTS
FULLY SPRINKLERED

Revisions:	Date

CONSULTANTS:

Design Partners, Inc.
Gainesville, FL 32607

MILLER LEGG
Palm Beach Office: 2005 Vista Parkway - Suite 100
West Palm Beach, Florida - 33411-2719
561-689-1138 - Fax: 561-689-8108
www.millerlegg.com

ARCHITECT/ENGINEERS:

Flad Architects
Flad Project No. 07694-00

Flad Structural Engineers

AEI Affiliated Engineers
Affiliated Engineers SE, Inc.
3007 SW Williston Road
Gainesville, Florida 32608
Tel 352.376.5500 Fax 352.375.3479
FL EB-0005140

Drawing Title	WATER / SEWER PLAN
Approved Project Director	
Project Title	BREVARD OPC CLINICAL ADDITION
Location	Viera, Florida
Date	December 16, 2011
Checked	DED
Drawn	GAT
Project Number	675-08-700
Building Number	-
Drawing Number	CU-101
Dwg.	of --

Office of Facilities Management
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978