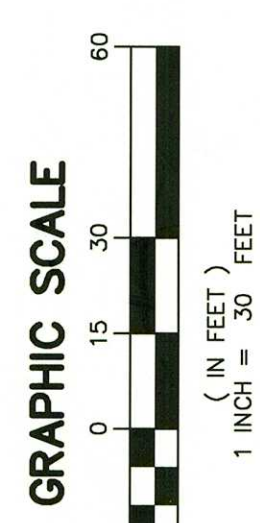
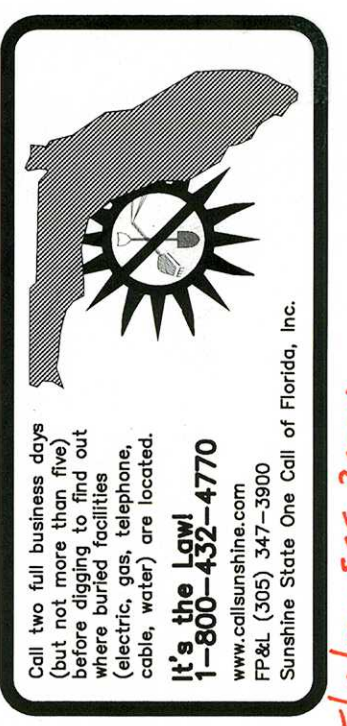
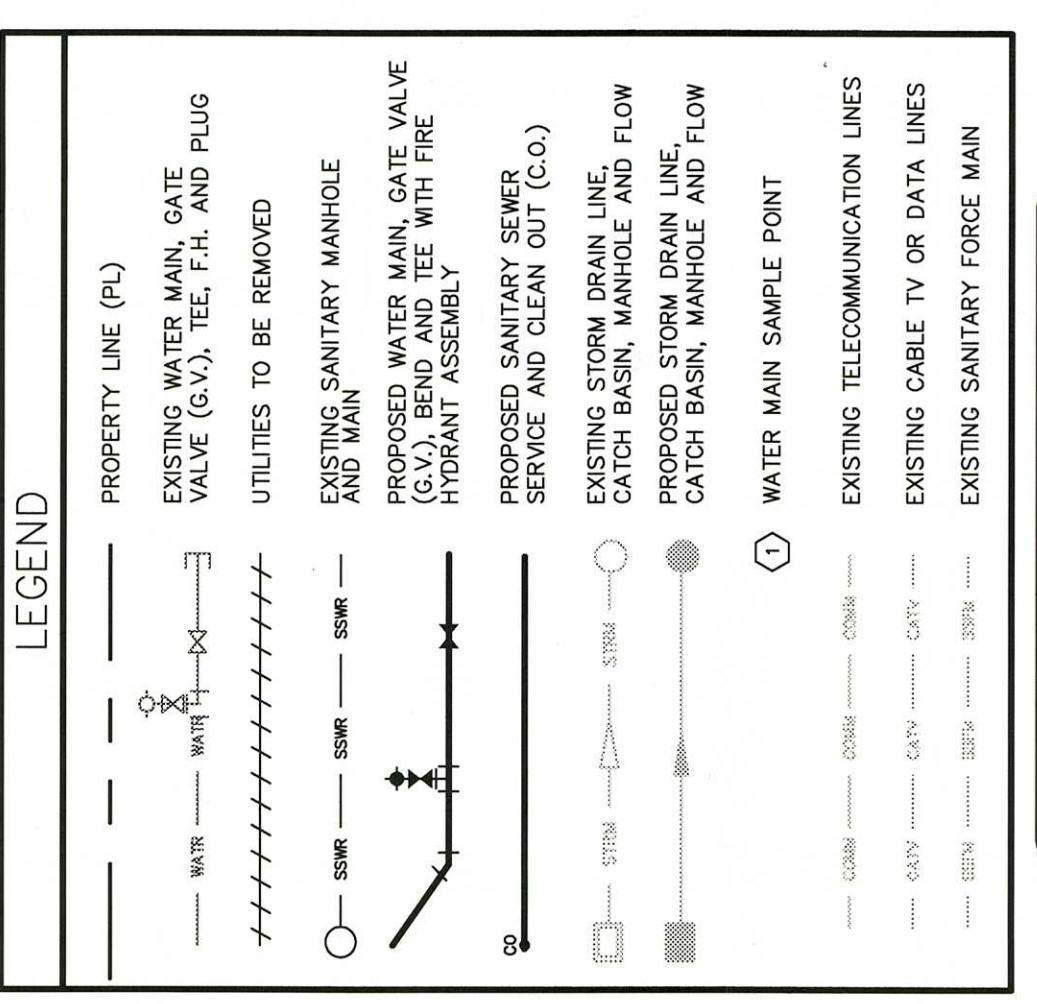


UTILITY CROSSING table with columns for utility type, size, material, and depth. Includes entries for water, sewer, gas, and electric lines.



- GENERAL NOTES: 1. CONTRACTOR SHALL VERIFY EXACT LOCATIONS, SIZES AND MATERIALS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION...



Florida Department of Environmental Protection
Central District Office
3310 MacArthur Blvd., Suite 232
Orlando, Florida 32803-2787

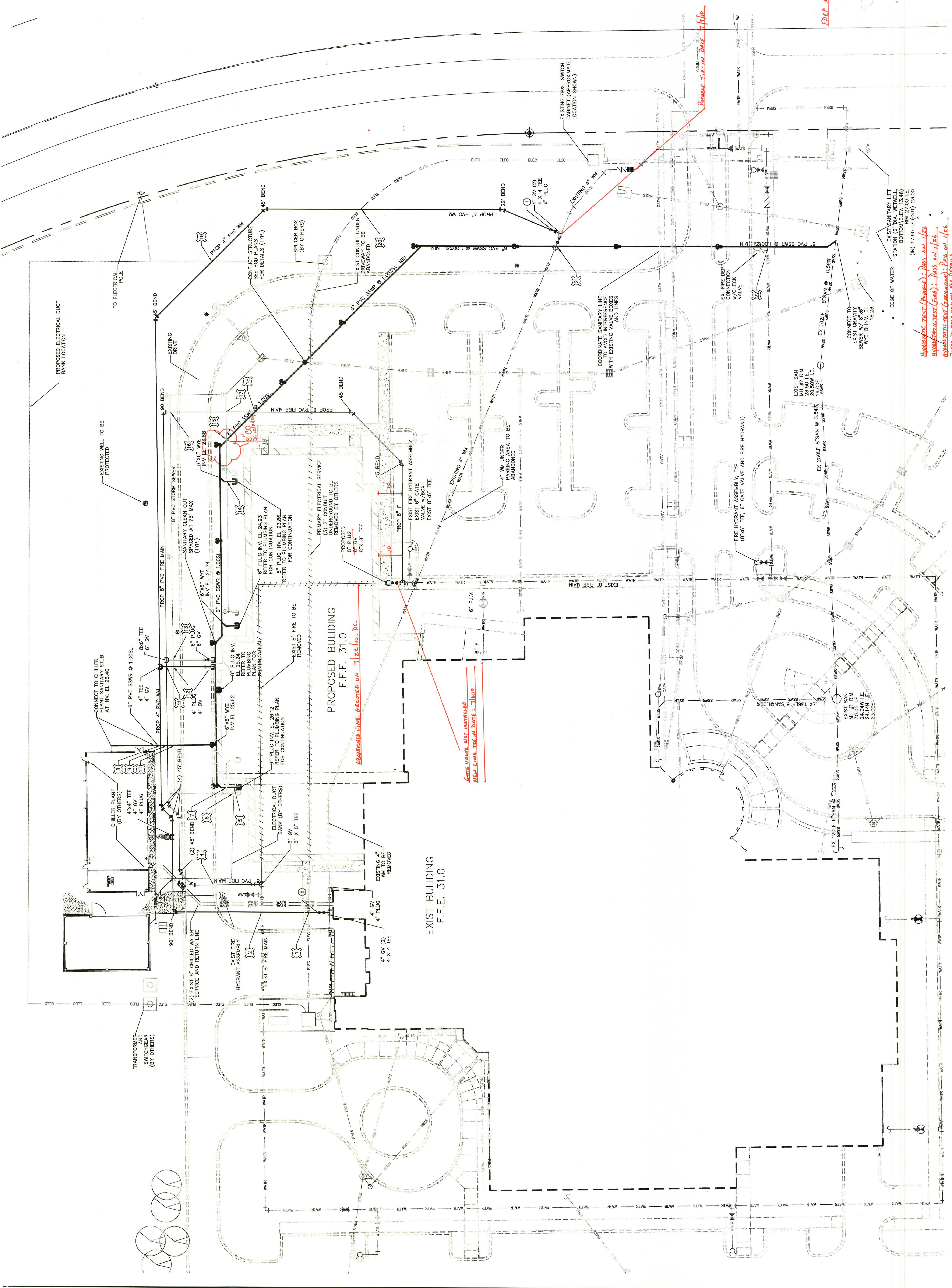
May 13, 2010

Department of Veterans Affairs
5201 Raymond Street
Orlando, FL 32803

Brevard County - FW
PWS 178-188023
VIA Outpatient Clinic Addition

Dear Mr. Binkborg:

This acknowledges receipt of certification that the subject water distribution system extension has been completed in accordance with the plans and related materials submitted by this project...



FINAL SUBMITTAL
REFER TO DWG LUSHETTI AS-BUILT

CONSULTANTS: Design Partners, Inc. Gainesville, FL 32607

ARCHITECT/ENGINEERS: Flad Architects, Flad Structural Engineers, A/E Affiliated Engineers

WATER / SEWER PLAN

Approved Project Director

Flad Project No. 07694-00

Baker
Baker/Mellon Stuart Const., Inc.
111 North Orange Avenue
Suite 625
Orlando, Florida 32801

KBJ Architects, Inc.
AAC00001
510 North Julia Street
Jacksonville, Florida 32202

PBSJ
6767 North Wickham Road
Suite 214
Melbourne, Florida 32940

STRUCTURE DATA TABLE

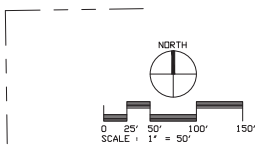
STW. #	STW. TYPE	FOOT RM/ INVERT THREAT	NORTH	EAST	WEST	NORTHING	EASTING
INLET #1	TYPE 4	210 27.35	24.08	24.08	24.00	775.04	104.54
INLET #2	TYPE 4	210 27.35	23.80	23.80	23.80	775.14	180.83
INLET #3	TYPE F	233 26.15	24.10	24.10	24.10	777.12	247.83
INLET #4	TYPE 4	210 29.80	24.40(NW) 25.94(SE)	24.40(NW) 25.94(SE)	24.10	778.45	327.49
INLET #5	TYPE 4	210 29.80	24.10	24.10	24.65	787.42	402.45
INLET #6	TYPE F	233 27.05	23.15	23.15	23.15	670.58	184.74
INLET #7	TYPE F	233 28.20	22.55	22.55	25.80	571.61	250.71
INLET #8	TYPE 4	210 27.35	22.30	22.30	22.30	364.69	187.69
INLET #9	TYPE 4	210 27.35	22.30	22.30	22.40	341.57	115.47
INLET #10	TYPE 4	210 27.35	23.50	23.50	22.40	352.70	145.47
INLET #11	TYPE 4	210 27.35	24.34	24.34	24.34	291.63	254.70
INLET #12	TYPE 4	233 28.20	24.34	24.34	24.34	229.97	135.08
INLET #13	TYPE F	233 29.25	24.10	24.10	24.80	230.02	388.59
INLET #14	TYPE F	233 29.25	23.63	23.63	24.10	230.05	530.60
INLET #15	TYPE F	233 29.25	23.63	23.63	23.63	132.36	333.96
INLET #16	TYPE F	233 29.25	23.63	23.63	23.63	132.32	399.97
INLET #17	TYPE F	233 29.25	23.63	23.63	23.63	132.33	531.98
INLET #18	TYPE F	233 29.25	23.63	23.63	23.63	132.34	586.69
INLET #19	TYPE F	233 29.25	23.63	23.63	23.63	132.35	618.99
INLET #20	TYPE F	233 29.25	23.63	23.63	23.63	132.36	651.29
INLET #21	TYPE F	233 29.25	23.63	23.63	23.63	132.37	683.59
INLET #22	TYPE F	233 29.25	23.63	23.63	23.63	132.38	715.89
INLET #23	TYPE F	233 29.25	23.63	23.63	23.63	132.39	748.19
INLET #24	TYPE F	233 29.25	23.63	23.63	23.63	132.40	780.49
INLET #25	TYPE F	233 29.25	23.63	23.63	23.63	132.41	812.79
INLET #26	TYPE F	233 29.25	23.63	23.63	23.63	132.42	845.09
INLET #27	TYPE F	233 29.25	23.63	23.63	23.63	132.43	877.39
INLET #28	TYPE F	233 29.25	23.63	23.63	23.63	132.44	909.69
INLET #29	TYPE F	233 29.25	23.63	23.63	23.63	132.45	941.99
INLET #30	TYPE F	233 29.25	23.63	23.63	23.63	132.46	974.29
INLET #31	TYPE F	233 29.25	23.63	23.63	23.63	132.47	1006.59
INLET #32	TYPE F	233 29.25	23.63	23.63	23.63	132.48	1038.89
INLET #33	TYPE F	233 29.25	23.63	23.63	23.63	132.49	1071.19
INLET #34	TYPE F	233 29.25	23.63	23.63	23.63	132.50	1103.49
INLET #35	TYPE F	233 29.25	23.63	23.63	23.63	132.51	1135.79
INLET #36	TYPE F	233 29.25	23.63	23.63	23.63	132.52	1168.09
INLET #37	TYPE F	233 29.25	23.63	23.63	23.63	132.53	1200.39
INLET #38	TYPE F	233 29.25	23.63	23.63	23.63	132.54	1232.69
INLET #39	TYPE F	233 29.25	23.63	23.63	23.63	132.55	1264.99

LEGEND:

- PROPOSED CONTOURS
- EXISTING CONTOURS
- STORM INLET
- STORM MANHOLE
- STORM SEWER
- MATERED END SECTION
- POND OUTFALL STRUCTURE
- F.F.E. FINISH FLOOR ELEVATION
- I.E. INVERT ELEVATION

GENERAL NOTES

1. POSITIVE DRAINAGE FACILITIES SHALL BE ESTABLISHED PRIOR TO THE CONSTRUCTION OF ANY IMPERVIOUS SURFACE.
2. ANY MUD OR UNDESIRABLE SOLS ENCOUNTERED UNDER BUILDINGS OR PAVEMENT SHALL BE COMPLETELY REMOVED AND REPLACED WITH CLEAN FILL.
3. IF DETERMINED IS REQUIRED, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A LABORATORY CONFORMANCE USE PERMIT, IF REQUIRED, AND FOR PROVIDING ADEQUATE FILTRATION DEVICES TO MAINTAIN APPLICABLE WATER QUALITY STANDARDS.
4. ALL DIMENSIONS AND COORDINATES SHOWN TO STORM STRUCTURES ARE TO THE CENTER OF THE STRUCTURE (UNLESS OTHERWISE NOTED).
5. ALL DRAINAGE STRUCTURES SHALL BE DETECTED AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS. RETENTION AREAS SHALL BE CLEARED OF SILT AND DEBRIS AT THE END OF CONSTRUCTION.
6. ALL SPOT ELEVATIONS ARE SHOWN ON PAVEMENT SURFACES UNLESS INDICATED AS "TOP" (TOP OF CURB), OR OTHERWISE SHOWN.
7. STORM PIPES THAT ENTER THE BUILDING ARE SHOWN TO AN INTERFACE POINT LOCATED 5 FEET FROM THE FACE OF THE BUILDING. SEE THE PLUMBING PLANS FOR CONTINUATION OF PIPES INTO THE BUILDING.
8. ALL STORM SEWER PIPE LENGTHS ARE MEASURED TO THE CENTER OF THE STRUCTURE OR THE END OF THE END TREATMENT.



Drawing Title
GRADING AND DRAINAGE PLAN

Project Title
VA OUTPATIENT CLINIC
BREVARD COUNTY

Location
BREVARD COUNTY, FLORIDA

Drawn
D99

Checked
SRS

Date
JULY 30, 1995

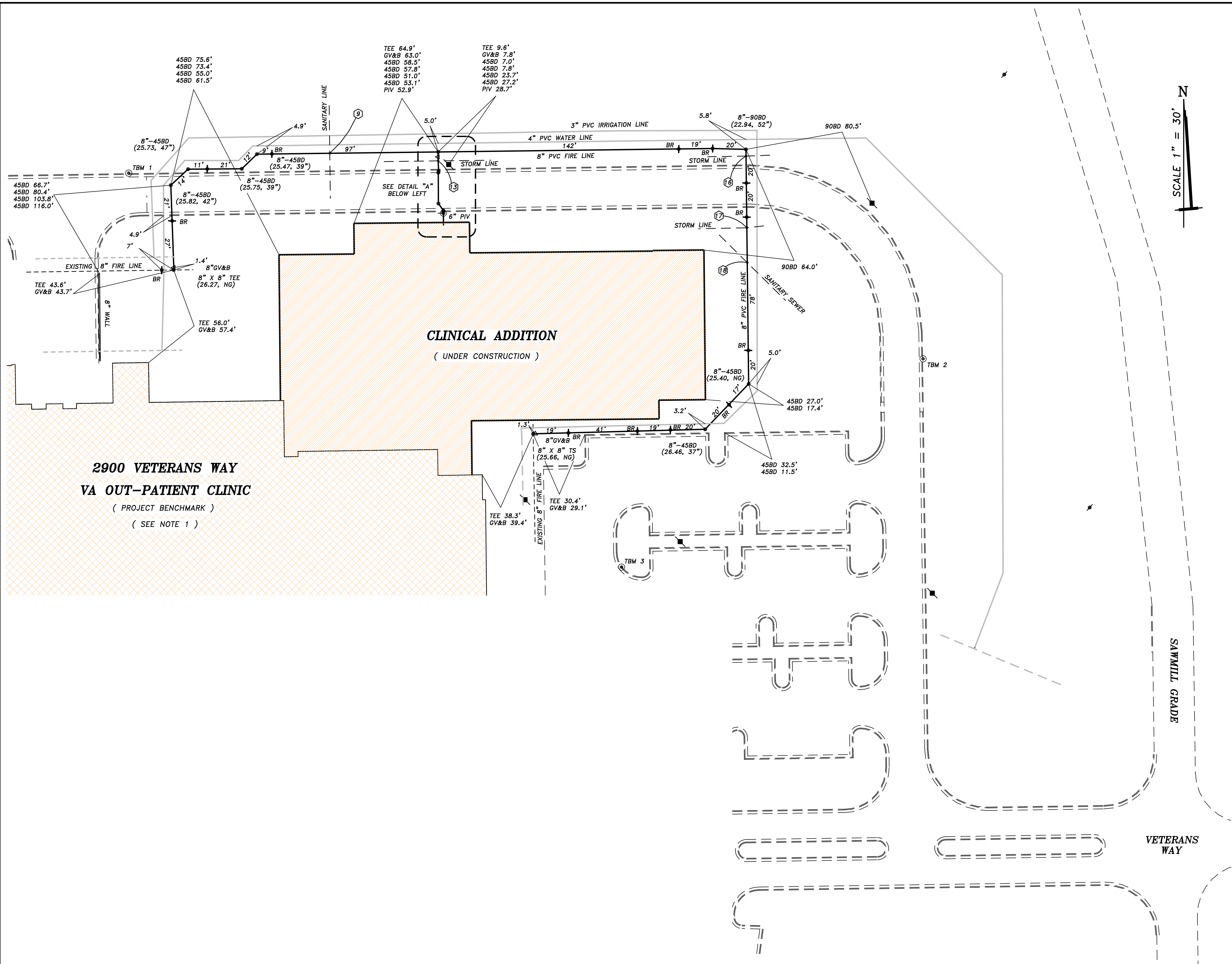
Sheet
L-8

Scale
1" = 50'

Office of
Facilities
Management

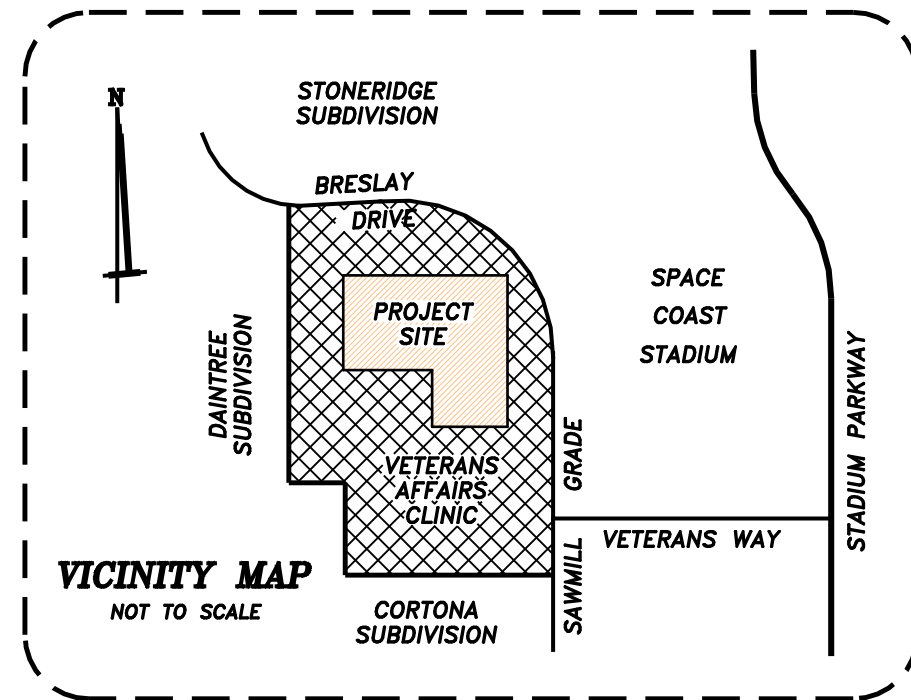


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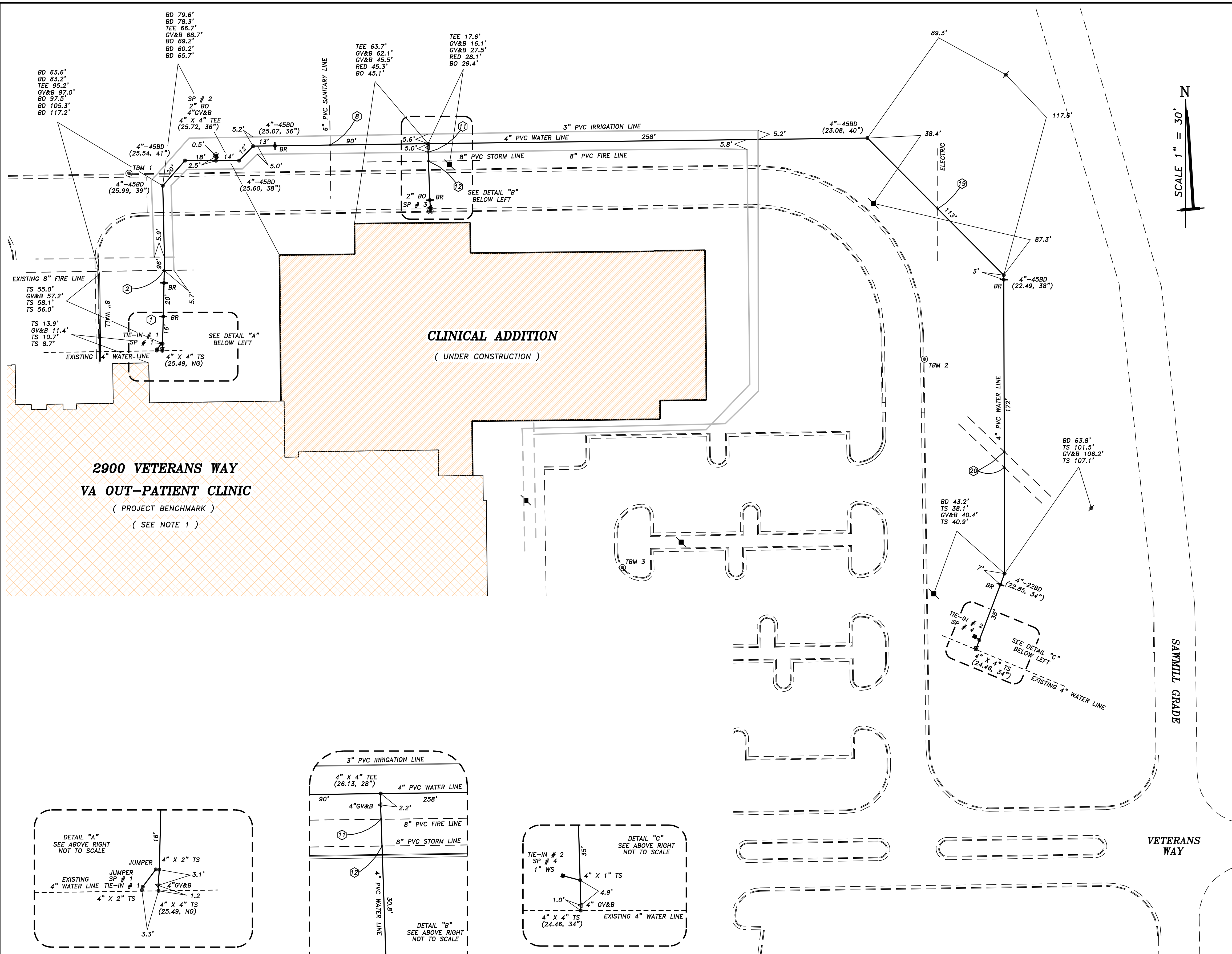
UTILITY CROSSINGS			
1	FINISHED GRADE NG (30.25)	13	FINISHED GRADE 28.13 (29.11)
	ELEC B.O.P. * (25.55)		DRN B.O.P. 24.55 (24.43)
	WAT T.O.P. 25.34 (24.55)		FIRE T.O.P. 23.18 (23.33)
2	FINISHED GRADE 29.75 (29.65)	16	FINISHED GRADE 27.29 (27.30)
	FIRE B.O.P. 25.62 (26.48)		DRN B.O.P. 21.69 (23.53)
	WAT T.O.P. 24.33 (25.48)		DRN T.O.P. 24.25 (22.53)
8	FINISHED GRADE 28.02 (29.03)	17	FINISHED GRADE NG (28.19)
	SS B.O.P. 25.88 (26.03)		DRN B.O.P. 24.85 (24.86)
	WAT T.O.P. 24.30 (24.53)		FIRE T.O.P. 23.86 (23.86)
9	FINISHED GRADE 28.13 (29.50)	18	FINISHED GRADE NG (29.95)
	SS B.O.P. 25.89 (26.48)		FIRE B.O.P. 24.31 (24.64)
	FIRE T.O.P. 24.85 (24.98)		SS T.O.P. 23.49 (23.58)
11	FINISHED GRADE 28.07 (28.80)	19	FINISHED GRADE 26.90 (25.99)
	WAT B.O.P. 25.72 (25.66)		WAT B.O.P. 22.87 (23.15)
	FIRE T.O.P. 23.22 (23.40)		ELEC T.O.P. ** (21.65)
12	FINISHED GRADE 28.23 (28.80)	20	FINISHED GRADE 25.80 (25.97)
	WAT B.O.P. 25.69 (25.63)		WAT B.O.P. 22.59 (23.13)
	DRN T.O.P. 25.12 (25.13)		ELEC T.O.P. ** (21.63)
** BELOW EXCAVATION NO ELEVATION DETERMINED.			
* BY OTHERS. NG NOT GRADED.			

- SURVEYORS' NOTES :
- ELEVATIONS ARE BASED ON THE FINISHED FLOOR ELEVATION OF THE EXISTING VA OUT-PATIENT CLINIC BUILDING AS SHOWN ON THE CONSTRUCTION PLANS FOR THE BREVARD OPC CLINICAL ADDITION AS PROVIDED BY THE OFFICE OF FACILITIES MANAGEMENT DEPARTMENT OF VETERANS AFFAIRS, PROJECT NUMBER 675-08-700, ELEVATION 31.00 FEET.
 - TBM 1 : A PK NAIL & DISK (LB 6445) SET IN THE CONCRETE CURB APPROXIMATELY 100' NW'LY OF THE NW CORNER OF THE NEW CLINICAL ADDITION, ELEVATION 29.76 FEET.
 - TBM 2 : A PK NAIL & DISK (LB 6445) SET IN THE CONCRETE CURB APPROXIMATELY 132' E'LY OF THE SE CORNER OF THE NEW CLINICAL ADDITION, ELEVATION 28.25 FEET.
 - TBM 3 : A PK NAIL & DISK (LB 6445) SET IN THE CONCRETE CURB APPROXIMATELY 109' SW'LY OF THE SE CORNER OF THE NEW CLINICAL ADDITION, ELEVATION 30.22 FEET.
 - BASE MAPPING FOR THESE DRAWINGS PROVIDED BY DEPARTMENT OF VETERANS AFFAIRS.
 - ELEVATIONS AND DEPTHS SHOWN IN PARENTHESIS ARE TO TOP OF PIPE.
 4. DENOTES CONCRETE POWER POLE.
 5. 4" GV&B DENOTES GATE VALVE, BOX & SIZE.
 6. FH DENOTES HYDRANT ASSEMBLY.
 7. 8"x6" TEE DENOTES TEE & SIZE.
 8. 4"-45BD DENOTES BEND, DEFLECTION & SIZE.
 9. SP #1 DENOTES BACTERIOLOGICAL SAMPLE POINT & DESIGNATION.
 10. 4"x2" TS DENOTES TAPPING SADDLE & SIZE.
 11. DENOTES STORM INLET.
 12. DENOTES WOOD POWER POLE.
 13. DENOTES MANHOLE.
 14. B.O.P. DENOTES BOTTOM OF PIPE.
 15. T.O.P. DENOTES TOP OF PIPE.
 16. 1" WS DENOTES WATER SERVICE & SIZE.
 17. 4"x2" RED DENOTES REDUCER & SIZE.
 18. PIV DENOTES POST INDICATOR VALVE.
 19. 2" BO DENOTES BLOW-OFF ASSEMBLY & SIZE.
 20. BR DENOTES BELL RESTRAINT.
 21. INFORMATION IN PARENTHESIS DENOTES DESIGN DATA PER THE ABOVE REFERENCED CONSTRUCTION PLANS.



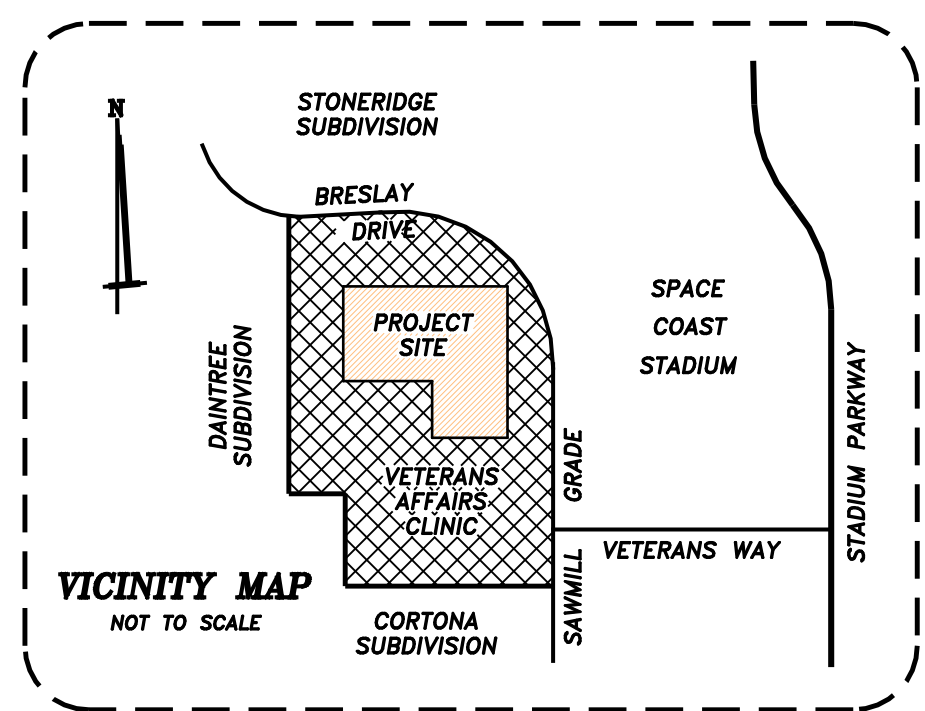
**FIRE WATER SYSTEM
AS-BUILT SURVEY
DEPARTMENT OF VETERANS AFFAIRS
BREVARD OPC CLINICAL ADDITION
VA PROJECT NUMBER 675-08-700
VIERA, FLORIDA**

DON LUCHETTI CONSTRUCTION, INC. LAND SURVEYORS 565 DISTRIBUTION DRIVE MELBOURNE, FLORIDA 32904 321-951-2947 LB 7749					TYP. 26 S. RGE. 36 E., SEC 5 RANGE 26 SOUTH, TOWNSHIP 36 NORTH, SECTION 5 EAST, 1/4 SECTION 5, TOWNSHIP 36 NORTH, RANGE 26 EAST, FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 497.027 FLORIDA STATUTES.							SURVEYOR'S SEAL												
I HEREBY CERTIFY THAT THE ATTACHED SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS.																								
DATE					TYPE					FIELD BOOK					REVISION					DRAWN BY				
3 FEB 10					AS-BUILT SURVEY					VAAB *-RW5					N/A					DEITHORN				
SCALE					1" = 30'					PROJECT NO.					2009 - 718									
</																								



UTILITY CROSSINGS	
1 FINISHED GRADE NG (30.25) ELEC B.O.P. * (25.55) WAT T.O.P. 25.34 (24.55)	13 FINISHED GRADE 28.13 (29.11) DRN B.O.P. 24.55 (24.43) FIRE T.O.P. 23.16 (23.53)
2 FINISHED GRADE 29.75 (29.65) FIRE B.O.P. 25.62 (26.48) WAT T.O.P. 24.33 (25.48)	16 FINISHED GRADE 27.29 (27.30) FIRE B.O.P. 21.69 (23.53) DRN T.O.P. 24.25 (22.53)
8 FINISHED GRADE 28.02 (29.03) SS B.O.P. 25.88 (26.03) WAT T.O.P. 24.30 (24.53)	17 FINISHED GRADE NG (28.19) DRN B.O.P. 24.85 (24.86) FIRE T.O.P. 23.86 (23.86)
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** BELOW EXCAVATION NO ELEVATION DETERMINED. * BY OTHERS. NG NOT GRADED.	

- SURVEYORS' NOTES :
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 - BR DENOTES BELL RESTRAINT.
 - INFORMATION IN PARENTHESIS DENOTES DESIGN DATA PER THE ABOVE REFERENCED CONSTRUCTION PLANS.



POTABLE WATER SYSTEM
AS-BUILT SURVEY
DEPARTMENT OF VETERANS AFFAIRS
BREVARD OPC CLINICAL ADDITION
VA PROJECT NUMBER 675-08-700
VIERA, FLORIDA

DON LUCCHETTI CONSTRUCTION, INC. LAND SURVEYORS 565 DISTRIBUTION DRIVE MELBOURNE, FLORIDA 32904 321-951-2947 LB 7749		TWP. 26 S., RGE. 36 E., SEC 5		
DATE	TYPE	FIELD BOOK	REVISION	DRAWN BY
3 FEB 10	AS-BUILT SURVEY	VAAB-R.W.S	N/A	DEITHORN
SCALE 1" = 30'		PROJECT NO.	2009 - 718	
NOT VALID UNLESS EMBOSSED WITH SURVEYORS' SEAL AND SIGNED IN RED INK				