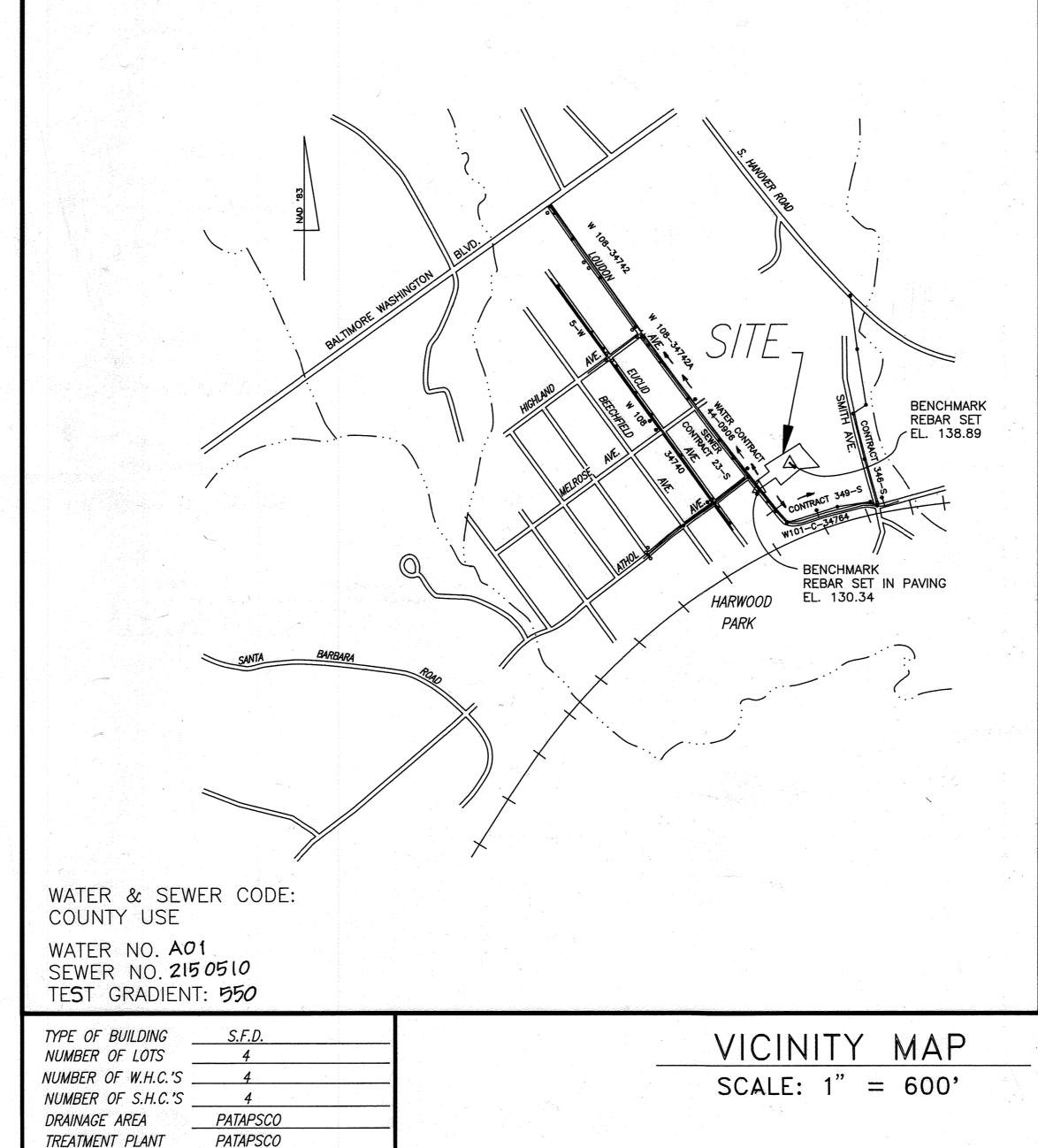
	QUANTITIES				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT			
		QUANTITIES	TYPE	MANUFACTURER/ SUPPLIER	
" SEWER PVC	283 L.F.	293	SDR-35	IPEX / M+ C. SALES	
EWER MANHOLES	2,15,7 L.F.	2		ž	
" SEWER P.Y.C.	30 L.F.	30	SDR - 35	I PEX/MUNICIPAL & CONTRACTOR SALE	
" SEWER P.V.C.	25 L.F.	20	SDR-35	I PEX/ M+C SALES	
SEWER TEE (P. V.C.)	2	O	_	CHANGED TO BLOCKS	
"SEWER CAP/PLUG (P.V.C.)	y	2	5DR-35	HASCO/M+C SALES	
"×1/4"	2 .	O	_	BY PWMMER	
"X4" REDUCER	1	1			
" WATERMAIN D.I.P.	293 L.F.	293L.F.	DI.P.	GRIFFEN/M+C SALES	
1 " W.H.C.	70 L.F.	82 L.F.	K	CAMBRIDGE LEE/M+C SALES	
1 " PREGOURE REDUCING VALVE	4	4		<i></i>	
10"x 6" TAPPING SLEEVE & VALVE	1	1	0 270	FORD/M+C SALES	
WATER MAIN DRAIN	1				
4" D.I.P. NIPPLE	2	2	C 153 D.IP.	TYLER/M+C SALES	
6" SEWER BLOCKS	0	2	PRECAST		
4" SEWER BLOCKS	0	2	PRECAST		
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NAME OF UTILITY CONTRACTO	N E	TPELOUILA		and the second s	



SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS,

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Jemmas 6/3/99 U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICES

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD

> DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MD

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MD

SHANABERGER & LANE SURVEYING • LAND PLANNING • CONSTRUCTION STAKEOUT

> 8726 TOWN & COUNTRY BLVD. SUITE 201 ELLICOTT CITY, MD 21043 PHONE: (410)-461-9563 FAX: (410)-461-9693

20000000000000000000000000000000000000	DESIGN: GAS				
	DRAWN JAL				
	CHECK: 843	K.C. I	3	AS BUILT CONDITIONS ADDED TO PLAN	2 16
	11-16-98	JAI	2	ADD WATER & GEWER CODES, REVIGED QUANTITIES	4/26
		JAL	1	RENSE QUANTITIES	3/29/
nardikine ar	DATE:	BY	NO.	REVISION	DAT

PROFFEN PROPERTY

HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS

CONTRACT NO. 14-3747-D

LOTS 1 -

TITLE SHEET

600' SCALE MAP NO. 38 BLOCK NO. 14

CONTRACT NO. 14-3747-D

PROFFEN PROPERTY

LOTS 1 - 4

TAX MAP 38, GRID 14, PARCEL 213 1st ELECTION DISTRICT, HOWARD COUNTY, MARYLAND CONTRACT NO. 14-3747-D

GENERAL NOTES

1. Approximate location of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired imediately to the satisfaction of the Engineer at the Contractor's expense.

2. All horizontal controls are based on Maryland State Coordinates [North American Datum of 1983 (NAD '83)].

3. All vertical controls are based on U.S.G.S. data. 4. All pipe elevations shown are invert elevations.

Clear all utilities by a minimum of 6". Clear all poles by 2'-0" minimum or tunnel as required. The owner has contacted the utility companies and has made arrangements for bracing of poles as shown on the drawings. In the event the contractor's work requires the bracing of additional poles, any cost incurred by the owner for bracing of additional poles or damages shall be deducted from money owed the contractor. The contractor shall coordinate with the utility companies

to schedule the bracing of the poles. For details not shown on the drawings, and for materials and construction methods use Howard County Design Manual, Volume IV, Standard Specifications and Detail for Construction (Latest Edition).

The contractor shall have a copy of Volume IV on the job. Where test pits have been made on existing utilities, they are noted by the symbol at the location of the test pit. A note or notes containing the results of the test pit or pits is included on the drawings. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be located by the contractor two weeks in

advance of construction operations at his own expense. Contractor shall notify the following utility companies or agencies at least (5) working days before starting the work shown on these plans:

> AT&T BGE (Contractor Services) 865-3803 850-4620 BGE Under Ground Damage Control Bureau of Utilities (DPW) 787-9068 313-4900 Chesapeake & Potomac Telephone Co. 597-8585 Colonial Pipeline Co. 795-1390 Miss Utility 1-800-257-7777 State Highway Administration 531-5533

9. Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not to be or damaged by the contractor.

10. Contractor shall remove trees, stumps and roots along the line of excavation. Payment for such removal shall be included in the unit price bid for construction of the main.

11. The contractor shall notify the Bureau of Highways, Howard County, at (410) 313-2450 at least five (5) working days before any open cut of any County road or boring/jacking operation in County roads for laying water/sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirements per Section 18.114(a) of the Howard County Code.

PART II - WATER 1. All water mains to be D.I.P. Class 52 unless otherwise noted.

2. Tops of all water mains to have a minimum of 3-1/2' cover unless otherwise noted.

Valves adjacent to tees shall be strapped to tees. 4. All fittings shall be buttressed or anchored with concrete in accordance

with the Standard Details unless otherwise provided for on the drawings. Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be restrained and buttressed with concrete in accordance with the Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1000 and 1005 c

the Standard Specifications. 6. The contractor shall not operate any water main valves on the existing

7. All water house connections shall be for inside meter setting unless

otherwise noted on plans or in specifications.

8. For sprinkler system for all townhomes or multi-family dwelling units should have a minimum of 1' connection with a 3/4" meter.

All sewer mains shall be P.V.C. or D.I.P. class 52 unless otherwise noted.
 All manholes shall be 4'-0" inside diameter unless otherwise noted.

3. Force mains shall be D.I.P. only.

4. Manholes designated W.T. in plan and profile shall have watertight frame and covers, Standard Detail G5.52. Where watertight frame and cover is used, set top of frame 1"-6" above finished grade unless otherwise noted

5. House(s) with the symbol "C.N.S." indicates that cellar cannot be

G. REFER TO GANDARD DETAIL G. 401 FOR METHOD OF CUTTING & REPAIRING OPENINGS IN EXISTING ROADWAY PAVING.

OWNER/DEVELOPER: KIETH PROFFEN 6451 LOUDEN AVE. ELKRIDGE, MD 21227

FILE: 9809WS1.DWG

SCALE: AS

SHOWN

SHEET

1 OF .

