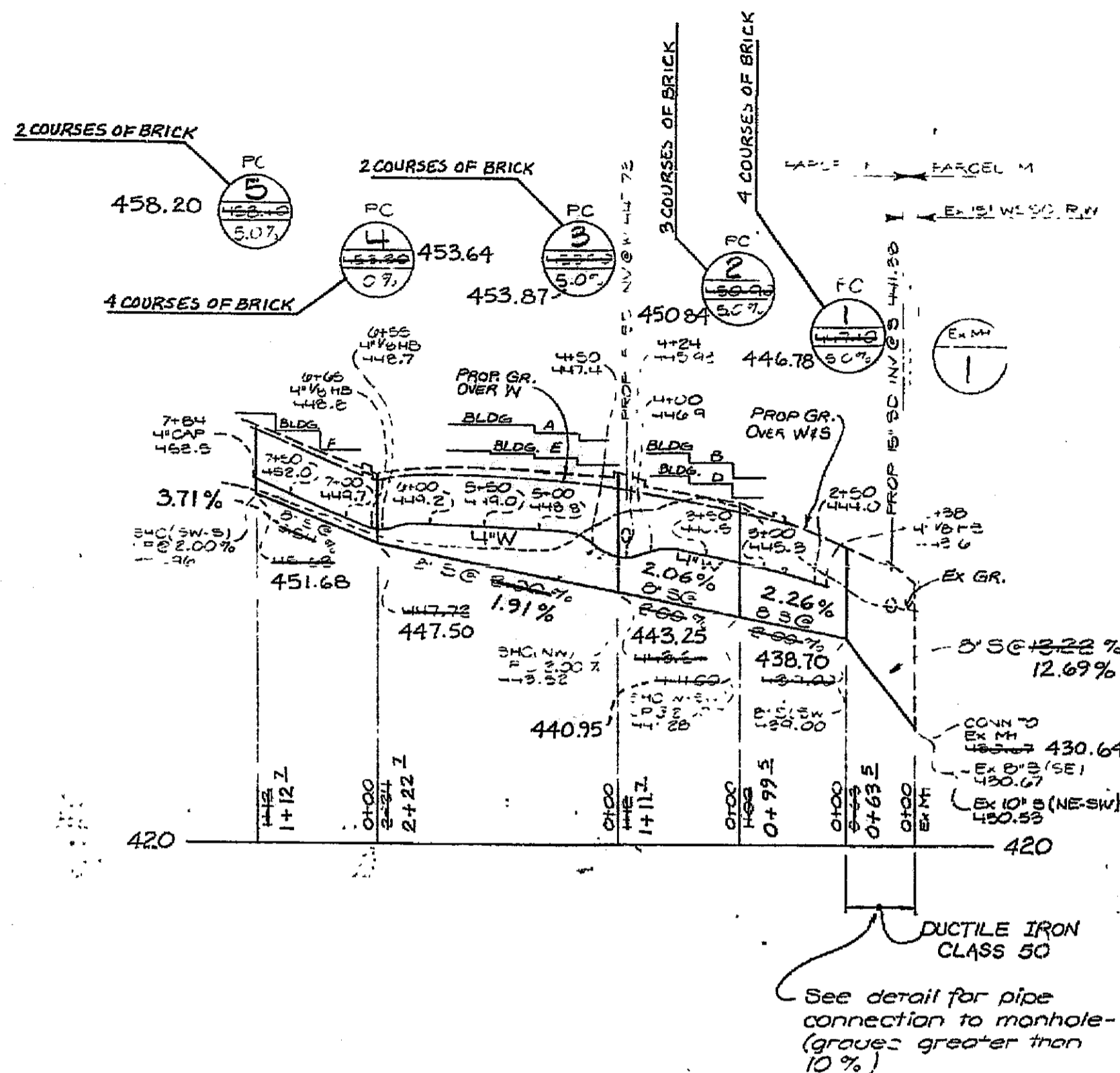
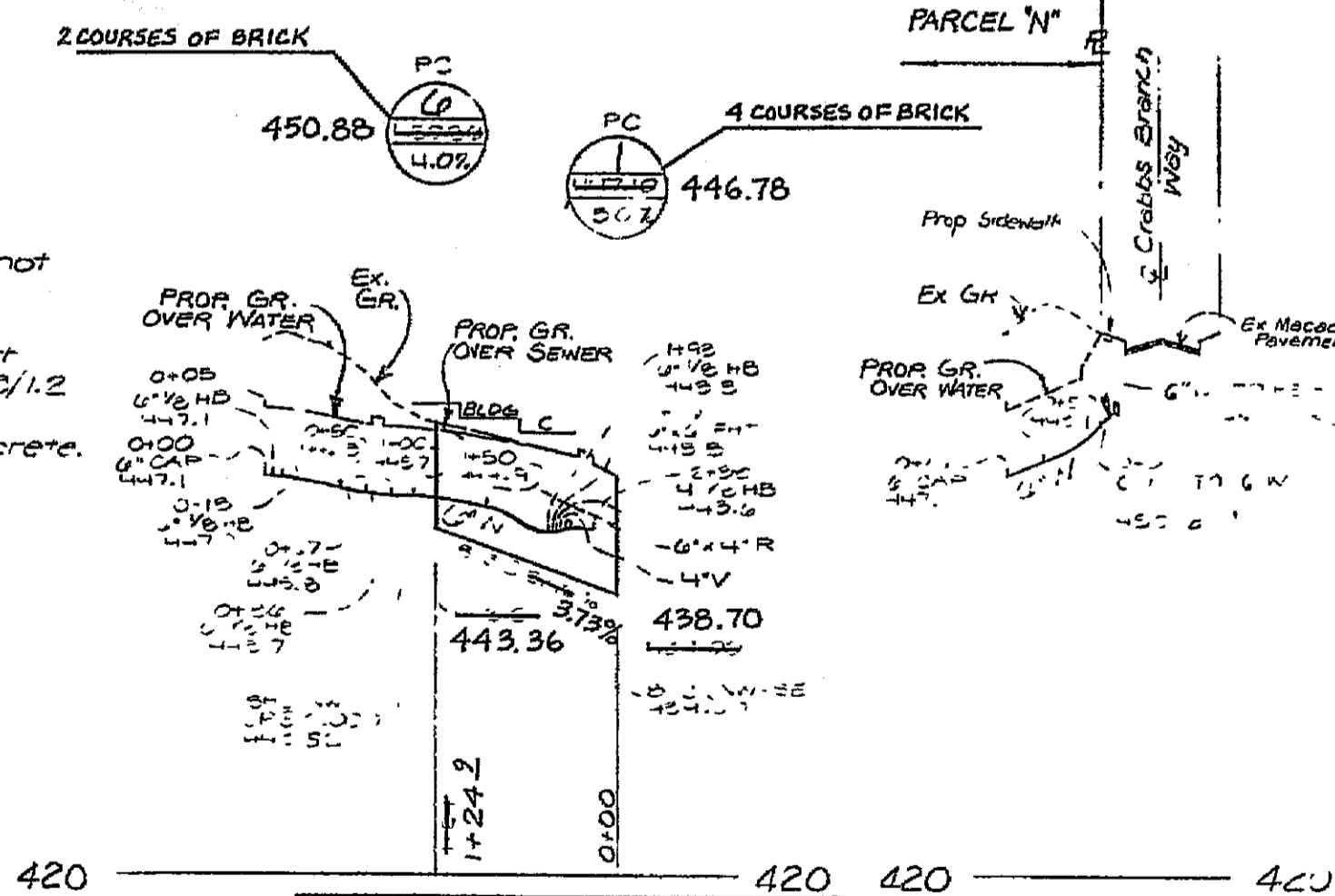


24 1

WATER LINE "B" & PARALLEL SEWER



WATER LINE "B" & PARALLEL SEWER to serve Building "C"



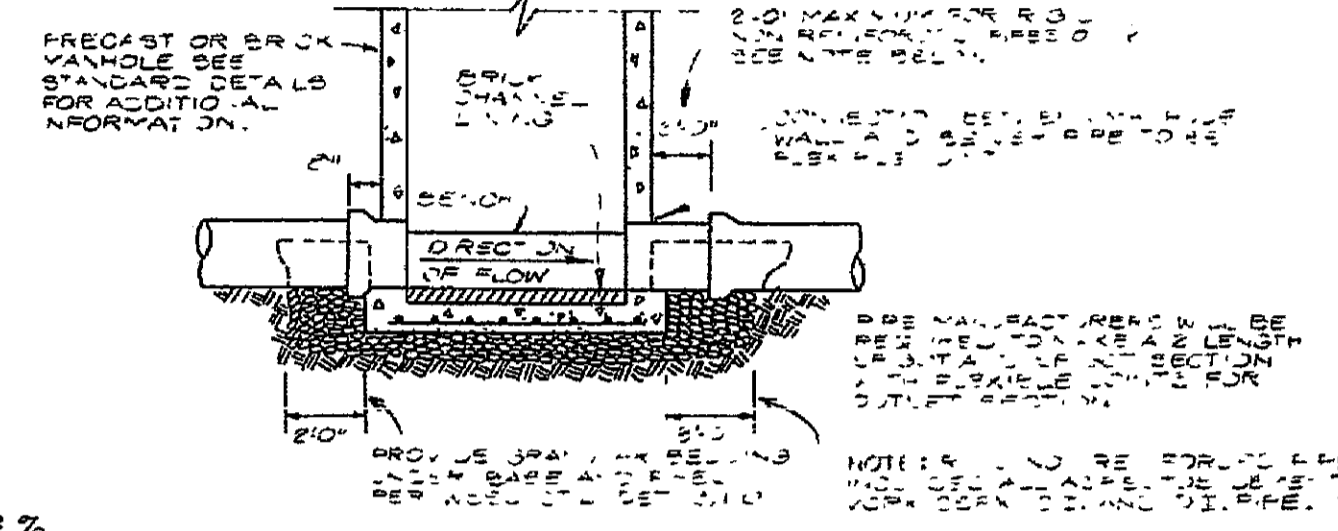
BLOCKING NOTES

Stop FH to main. See standard detail B/2.1. Do not block FH, FHT or reducers.  
Block all 1/2 inch and 3/4 inch pipes with concrete. See standard detail B/1.4

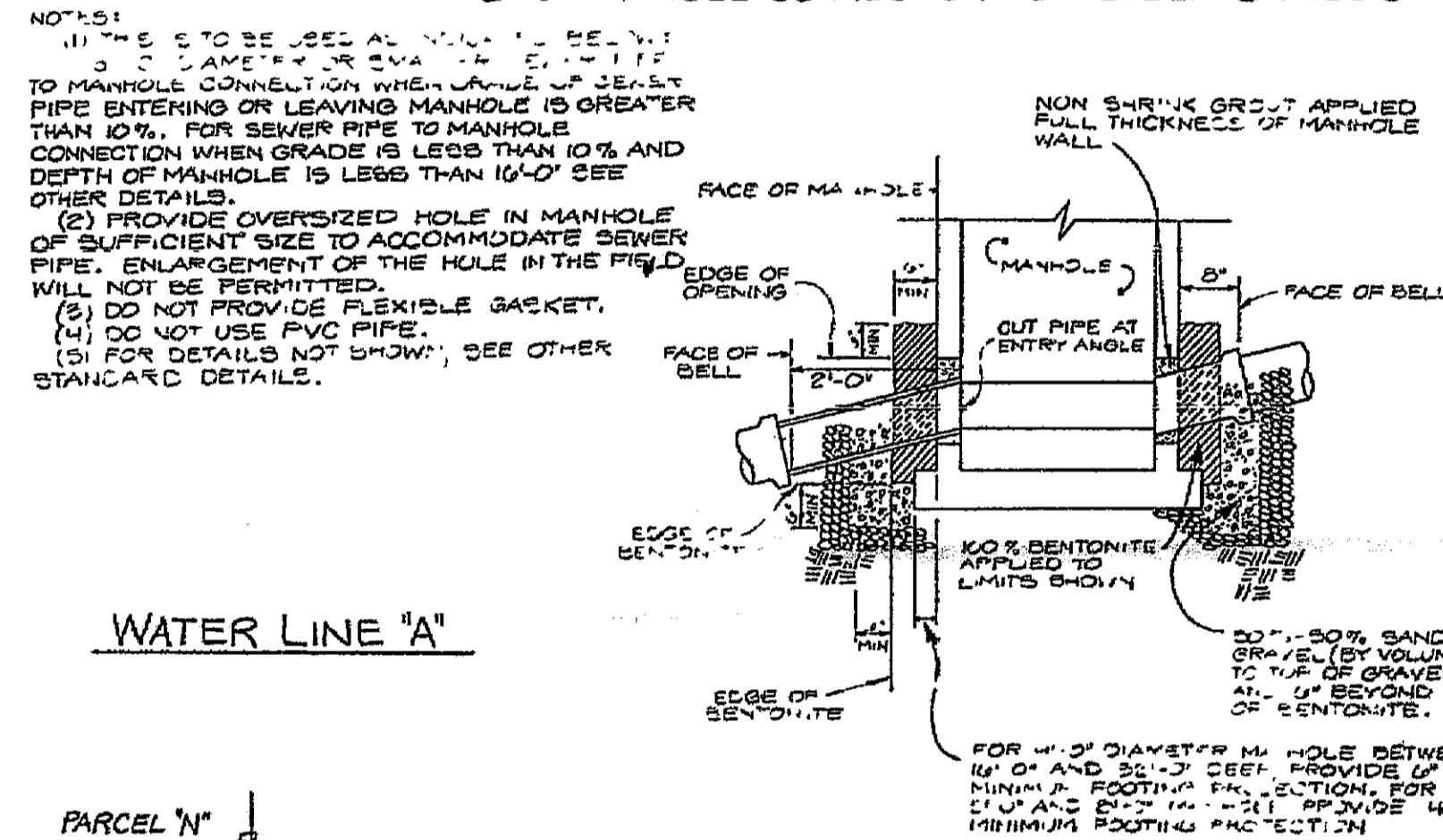
WATER & SEWER PIPE SCHEDULE

SIZE	TYPE	LENGTH
8" S	ACP Class 2400 or PVC	372'
6" S	Ductile Iron class 50	18'
6" W	Ductile Iron class 51	26'
4" W	Ductile Iron class 51	534'
4" SMC	ACP G 2400 or PVC	304'
1" WPC	Copper Type K	806'

STANDARD DETAILS



PIPE TO MANHOLE CONNECTION FOR STEEP GRADES



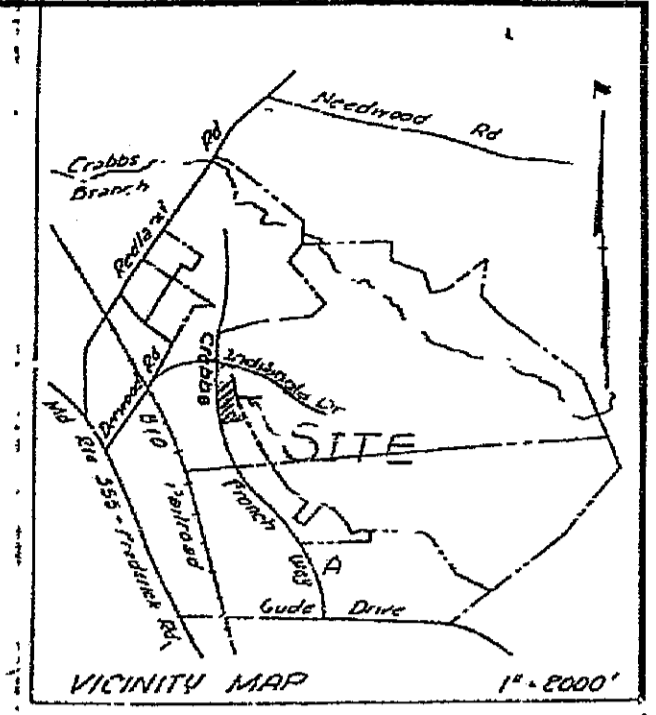
BILL OF MATERIALS

QTY	DESCRIPTION	UNIT
6'000	2 4" V	1
6'000	5 4" W	3
3'000	1 4" S	1
1'000	1 4" W	1
4'000	1 4" W	1

Estimate for use by WSSC Quality Assurance Section

WATER & SEWER NOTES

- ALL ON-SITE SEWER PIPE TO BE ACP CL 2400 OR P.V.C. 2" MIN. WALL THICKNESS.
- ALL ON-SITE 4" AND 6" WATER PIPE TO BE CEMENT LINED DUCTILE IRON CLASS 51.
- IF COPPER PIPE TO BE TYPE "K".
- THE APPLICANT IS REQUIRED TO OBTAIN PERMISSION FROM THE FEDERAL, STATE AND/OR LOCAL PERMIT AUTHORITY HAVING JURISDICTION OVER ANY PHASE OF CONSTRUCTION ASSOCIATED WITH THE INSTALLATION OF THIS ON-SITE SYSTEM.
- ALL ON-SITE WATER PIPE TO BE LAID WITH A MINIMUM OF 4" COVER BELOW FINISHED GRADE.
- THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATIONS OF ALL WSSC FACILITIES BEFORE BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY LOCATION OF WMO'S AND SMO'S AT BUILDING BEFORE BEGINNING WITH CONSTRUCTION OF ON-SITE FACILITIES.
- THE CONTRACTOR SHALL VERIFY ALL MANHOLE RIMS BEFORE PROCEEDING WITH THIS CONSTRUCTION.
- ALL WATER AND SEWER CONNECTIONS TO BE BUILT BY THE ON-SITE CONTRACTOR AND TERMINATE 10' FROM THE OUTSIDE WALL OF THE BUILDING. PLUMBER OR ON-SITE CONTRACTOR TO COMPLETE BUILDING "ON-SITE" HOOK-UPS AS DIRECTED BY THE GENERAL CONTRACTOR.
- APPROVAL OF THIS PLAN BY WSSC DOES NOT CONSTITUTE A COMMITMENT FOR SERVICE.
- INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATIONS OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF TRENCHING. IF CLEARANCES ARE LESS THAN SHOWN ON THIS PLAN OR SIX (6) INCHES, WHICHEVER IS LESS, CONTACT RODGERS & ASSOCIATES, INC. BEFORE PROCEEDING WITH CONSTRUCTION.
- INSPECTION OF THE ON-SITE WATER AND SEWER SYSTEMS SHALL BE DONE BY A REGISTERED PROFESSIONAL ENGINEER OR HIS DULY AUTHORIZED REPRESENTATIVE AND SAID ENGINEER SHALL CERTIFY THAT ALL CONSTRUCTION HAS BEEN DONE IN ACCORDANCE WITH THE PLUMBING REGULATIONS COMMISSION'S GENERAL SPECIFICATIONS AND CONDITIONS.
- CLEAN OUTS WITHIN 5' OF BUILDING TO BE INSTALLED BY A REGISTERED MASTER PLUMBER UNDER THE AUTHORITY OF A PLUMBING PERMIT.
- THE ENGINEER'S CERTIFICATION ACCOMPANIED BY THE SEWER AIR-TEST RECORDS SHALL BE SUBMITTED TO THE COMMISSION PRIOR TO FINAL INSPECTION OF THE PLUMBING IN THE BUILDING.
- THE ON-SITE CONTRACTOR SHALL NOTIFY THE COMMISSION AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION ON THE ON-SITE SYSTEM. 441-4122
- AN "AS-BUILT" PLAN MUST BE SUBMITTED WHEN THE ON-SITE WORK IS COMPLETED SHOWING ANY CHANGES AND INCLUDING SITES FOR THE LOCATION OF VALVES, MANHOLES, BENDS, FIRE HYDRANTS AND LATERALS ACCOMPANIED BY THE QUALIFYING AIR-TEST DATE AND CERTIFICATION OF COMPLIANCE. THE "AS-BUILT" DRAWINGS SHALL BE REPRODUCIBLE MATERIALS.
- ALL ON-SITE WATER MAIN AND SANITARY SEWER CONSTRUCTION AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE GENERAL SPECIFICATIONS AND STANDARD DETAILS AND PLUMBING REGULATIONS OF THE WSSC.
- ALL ON-SITE WATER AND SEWER LINE MATERIALS MUST BE INSPECTED BY WSSC INSPECTORS BEFORE INSTALLATION. NOTIFY THE QUALITY ASSURANCE SECTION, PHONE 499-4860 AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION. THE MATERIAL WILL BE INSPECTED AND IF PASSED, AN APPROVAL SYMBOL WILL BE STAMPED ON EACH ITEM OF MATERIAL AND A CERTIFICATE OF COMPLIANCE WILL BE ISSUED TO THE SUPERINTENDENT.
- 72 HOURS PRIOR TO THE CONNECTION OF THE ON-SITE TO THE PLUMBING SYSTEM THE CONTRACTOR OR ENGINEER SHALL REQUEST THE WSSC CONSTRUCTION BUREAU 441-4122 TO WITNESS THE SEWER AIR TEST.
- THE PLUMBER/ON-SITE CONTRACTOR SHALL BE PROHIBITED FROM CONNECTING THE STRUCTURE SEWER LINE TO AN ON-SITE SYSTEM THAT HAS NOT BEEN CERTIFIED AND ACCEPTED BY WSSC.
- PRIOR TO ISSUANCE OF ON-SITE PERMIT, APPLICANT MUST FURNISH WSSC WITH R/W AGREEMENT.
- ON-SITE FH TO BE PAINTED RED.
- IF THERE ARE ANY CHANGES TO THE PLAN, THE APPLICANT MUST ADOPT A REVISION SYMBOL FOR ALL CHANGES TO THE WATER MAIN.
- ALL MANHOLES TO BE PREPARED AS SHOWN ON THIS PLAN.
- ALL MANHOLES TO BE PREPARED AS SHOWN ON THIS PLAN.



HYDRAULIC DATA (PART I)

DOMESTIC FLOW	PEAK FLOW	100 G.P.D.
FIRE SPRINKLER SYSTEM	REQUIRED FLOW	N/A
	ELEVATION OF HIGHEST SPRINKLER HEAD	N/A
ON-SITE FIRE HYDRANT SYSTEM	REQUIRED FLOW AT LAST FIRE HYDRANT	100 G.P.M.
	ELEVATION OF LAST FIRE HYDRANT	447.5
	REQUIRED FLOW AT ADJACENT FIRE HYDRANT	N/A
	ELEVATION OF ADJACENT FIRE HYDRANT	N/A
FIRE STANDPIPE SYSTEM	REQUIRED FLOW	N/A
	ELEVATION OF TOP OUTLET	N/A

(PART II)

LOW DOMESTIC PRESSURE	7.0 P.S.I.
HIGH PRESSURE	105 P.S.I.
LOW PRESSURE WITH PIPE FLOW OF 150 G.P.M.	7.0 P.S.I.
LOW PRESSURE WITH THE REQUESTED SPRINKLER FLOW	7.0 P.S.I.

THE ON-SITE WATER AND/OR SEWER SYSTEM SHOWN ON THIS PLAN IS ACCEPTED FOR DESIGN CRITERIA ONLY. THIS ACCEPTANCE DOES NOT CONSTITUTE A WARRANTY, NOR DOES IT RELEASE THE PARTY SUBMITTING THE PLAN FROM FULL RESPONSIBILITY FOR THE DESIGN OF THIS SYSTEM AS WELL AS ANY DEFICIENCY WHICH MAY SUBSEQUENTLY BE FOUND. THE PARTY SUBMITTING THE PLAN IS RESPONSIBLE FOR ACTUAL CONSTRUCTION IN ACCORDANCE WITH THE PLAN AS HEREBY ACCEPTED. PRIOR TO INITIATING CONSTRUCTION AN APPLICABLE ON-SITE PERMIT MUST BE ACQUIRED FROM THE PERMITS PROCESSING SECTION.

FB 4-11-83

DATE 4-11-83

Michael J. Drzewicki  
DIVISION HEAD, REGULATORY COMPLIANCE DIVISION

FINAL AS BUILT  
MAY 1 1983

LHG: 921  
MHG: 992

DEVELOPER:  
Jack Alford, Jr.  
Franklin Park Associates  
P.O. Box 1029  
Pockville, Md. 20850  
Phone: 301-240-8200

PROFILE SCALES:  
HORIZ. 1"=100'  
VERT. 1"=10'

RECORD DRAWING 221 NW 7 (ROCK CREEK)  
ON-SITE WATER AND SEWER  
PARCEL "N"  
GUDE NORTH  
ROCKVILLE ELECTION DISTRICT NO 4  
MONTGOMERY COUNTY, MARYLAND

RODGERS AND ASSOCIATES INC.  
Box 1832  
Rockville, Maryland 20850  
301-762-6803



DATE	REVISIONS		SCALE
	BY	DATE	
BASE DATA			AS-SHOWN
DESIGNED	C.J.M.	1-83	1 of 2
DRAWN	C.J.M.	1-83	JOB NO:
CHECKED	R.S.P.	1-83	211-AT

W-217

24:1

