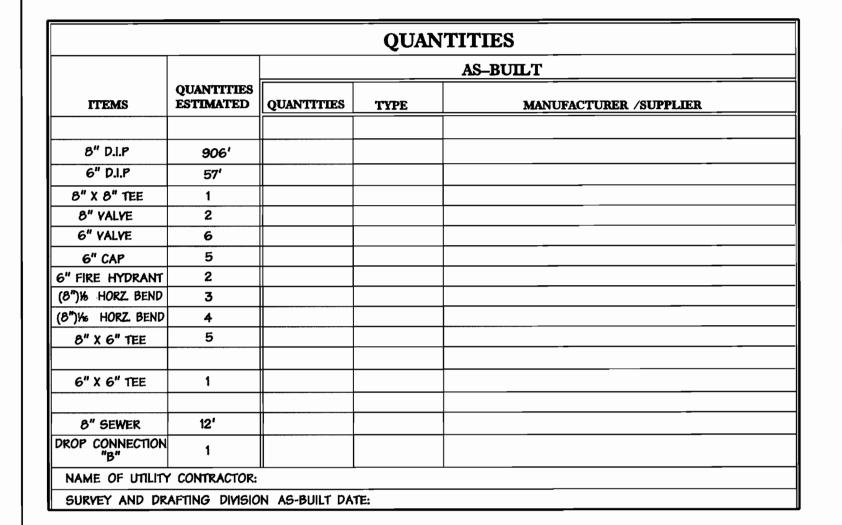
VILLAGE OF RIVER HILL

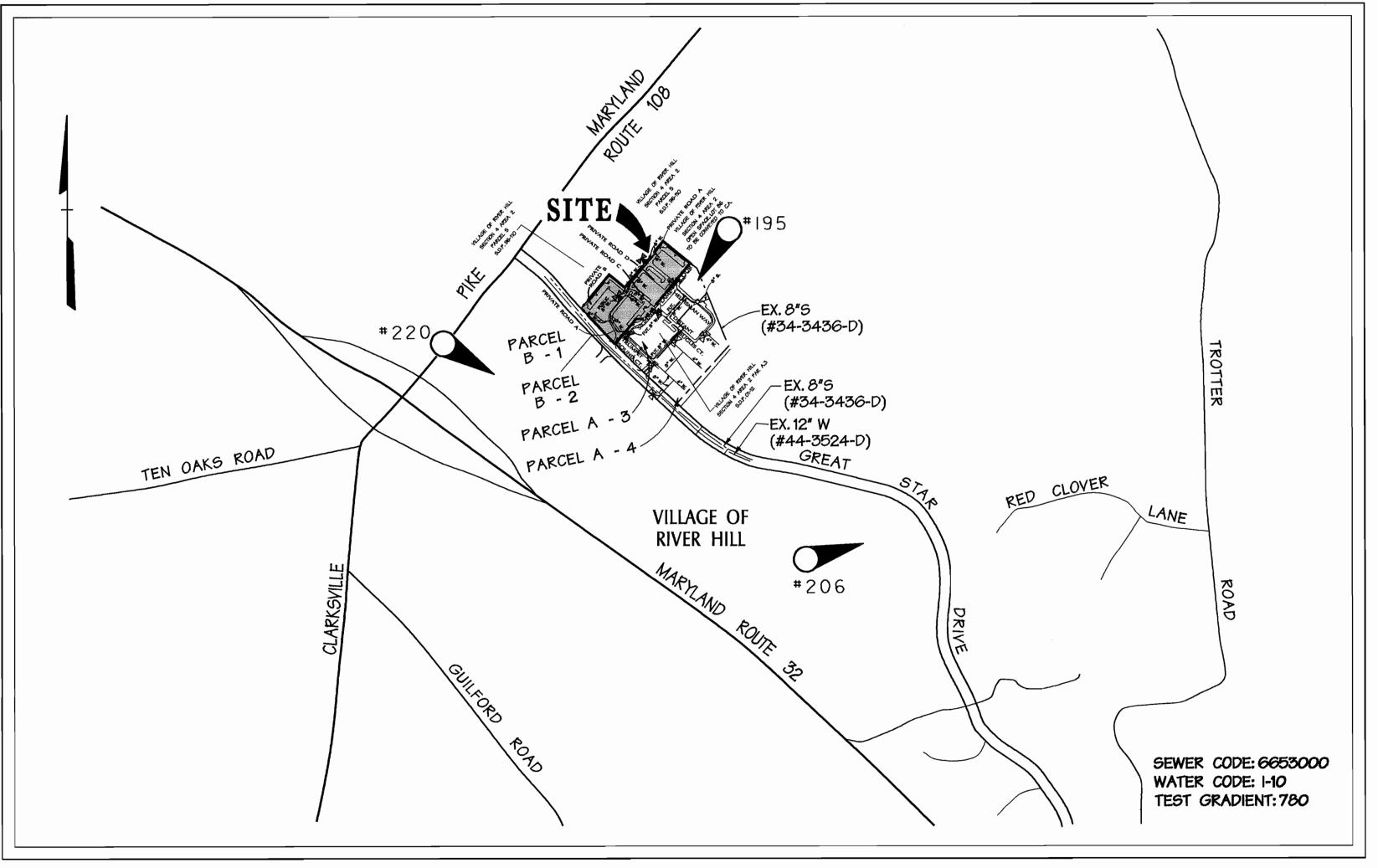
SHEET INDEX PLAN 1 OF 3 | TITLE SHEET 2 OF 3 WATER & SEWER PLAN 3 OF 3 WATER & SEWER PROFILES

WATER & SEWER MAIN EXTENSION SECTION 4 • AREA 1 • PARCEL A-1

CONTRACT NO. 34-4009-D

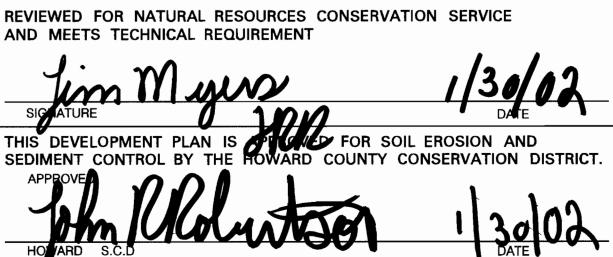
5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS





VICINITY MAP

BENCHMARK



1-24-02

EPARTMENT OF PUBLIC WORKS

HOWARD COUNTY, MARYLAND

CHIEF - BUREAU OF UTILITIES - DATE

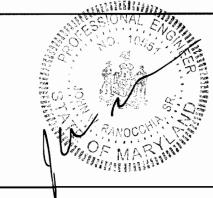
SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN SDP-02-26.

Fax 296-4705

DEPARTMENT OF PLANNING & ZONING

HOWARD COUNTY, MARYLAND

A Team of Land Planners, Landscape Architects, Golf Course Architects, Engineers, Surveyors &



1/2" x 18" REBAR w/ TRAY. CAP

REC CHECKED BY REC 600 SCALE MAP NO. ___35 **REVISION**

N 561932.019

E 1331138.577

N 561238.646 E 1329635.522

TITLE SHEET

LITTLE PATUXENT WATER QUALITY MANAGEMENT CENTER, SAVAGE, HOWARD COUNTY

CONDOMINIUMS

4

4

MIDDLE PATUXENT

BLOCK NO.

TYPE OF BUILDING

NO. OF BUILDINGS

DRAINAGE AREA:

TREATMENT PLANT:

NO. OF 6" WATER HOUSE CONNECTIONS

NO. OF 8" SEWER HOUSE CONNECTIONS

VILLAGE OF RIVER HILL

SECTION 4, AREA 1, PARCEL A-1

TAX MAP 35

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SCALE:

Shown

5th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND CONTRACT NO. 34-4009-D

SDP-02-26

Tue Jan 15 12:55:02 2002

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. 8. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS: STATE HIGHWAY ADMINISTRATION - (410) 531-5533

BALTIMORE GAS & ELECTRIC CO. - CONTRACTOR SERVICES - (410) 850-4620
BALTIMORE GAS & ELECTRIC CO. UNDERGROUND DAMAGE CONTROL - (410) 291-4607
MISS UTILITY - 1-800 257-7777 BELL ATLANTIC - 1-800-446-5266 COLONIAL PIPELINE CO. - (410) 549-4120 BUREAU OF UTILITIES, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - (410) 313-4900

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

2. ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES. (NAD '83)

6. FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION, THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV

7. 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

THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

COORDINATE WITH UTILITY COMPANIES TO SCHEDULE BRACING OF POLES.

3. ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATA.

4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.

UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO

5. CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES BY 2'-O" MIN. OR TUNNEL AS REQUIRED.

THE OWNER HAS CONTACTED LITILITY COMPANIES AND MADE ARRAIGNMENTS FOR BRACING OF POLES AS SHOWN ON DRAWINGS. IN EVENT THE CONTRACTORS WORK REQUIRES THE BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY OWNER FOR BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONEY OWED THE CONTRACTOR CONTRACTOR SHALL

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 REMOVED OR DAMAGED

10. CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG 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

3. 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. 5. FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN

ACCORDANCE WITH SECTION 1000 AND 1005 OF THE STANDARD SPECIFICATIONS. 6. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER

7. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING, UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS.

8. ALL D.I.P. FITTINGS SHALL BE IN ACCORDANCE WITH A.W.W.A. SPECIFICATION C-153 DUCTILE IRON COMPACT FITTINGS, 3 INCH THROUGH 12 INCH FOR WATER AND OTHER LIQUIDS.

9. ALL EXISTING VALVES TO BE CLOSED WHEN CONNECTION TO THE SYSTEM IS MADE.

10. FOR SPRINKLER SYSTEM FOR ALL TOWN HOMES OR MULTIFAMILY DWELLING UNITS

PART III - SEWER

ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.

SHOULD HAVE A MINIMUM OF 1' CONNECTION WITH A 34" METER.

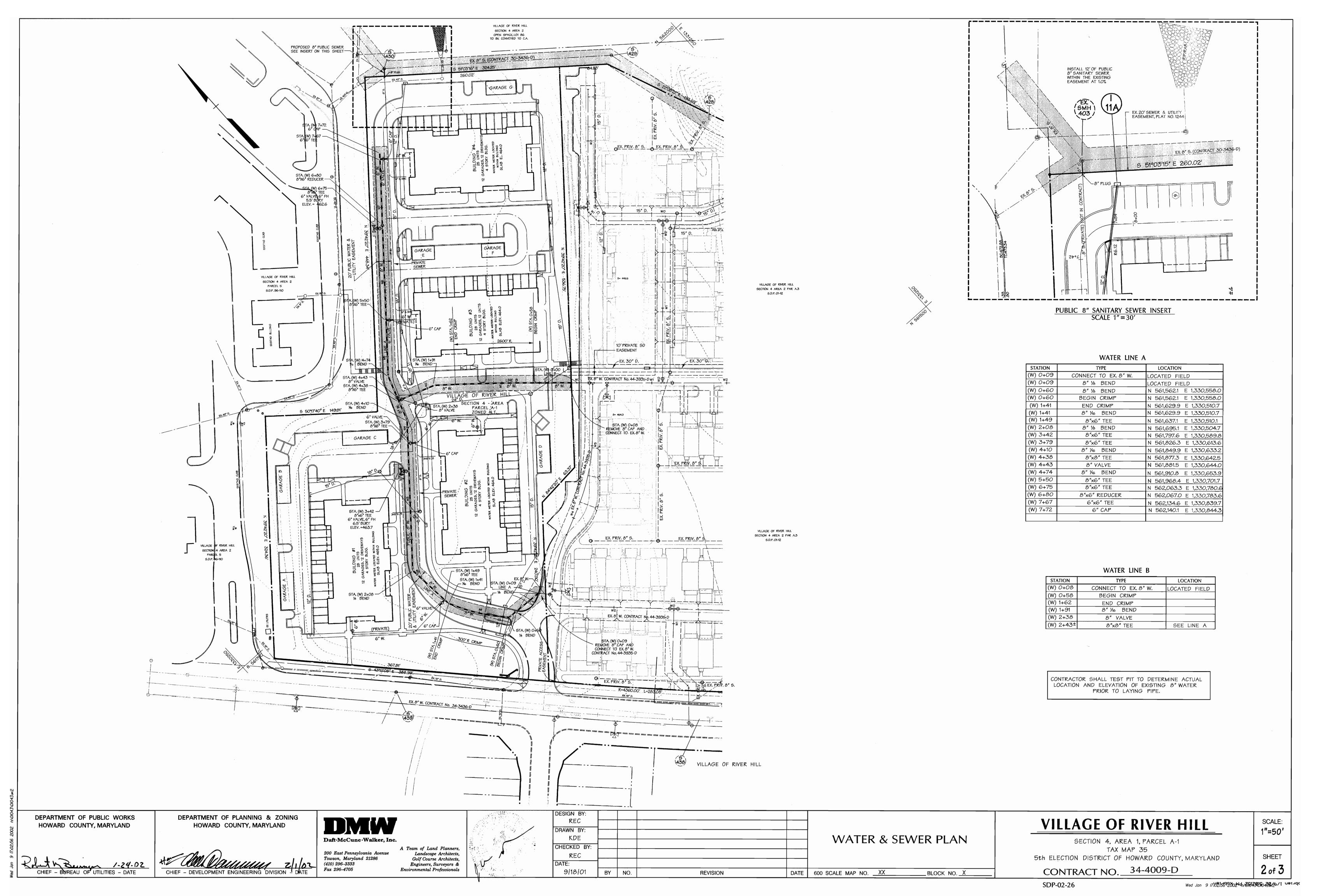
2. ALL MANHOLES SHALL BE 4'-O" INSIDE DIAMETER UNLESS OTHERWISE NOTED.

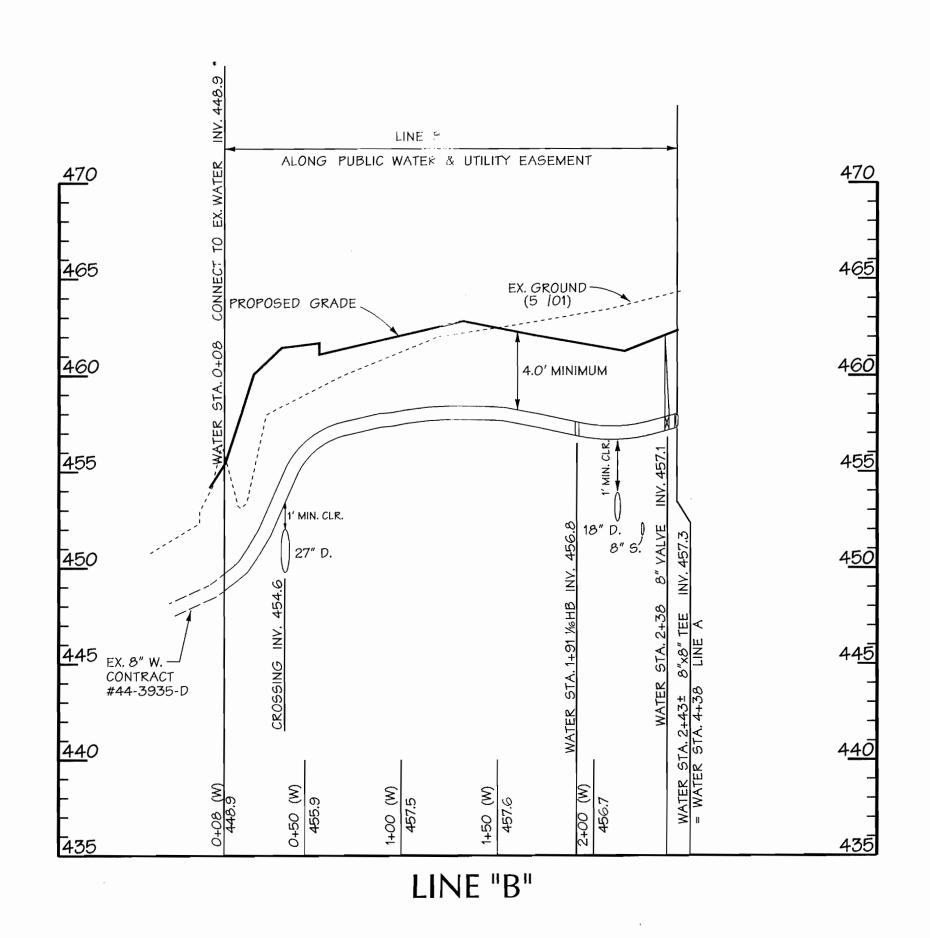
3. FORCE MAINS SHALL BE D.I.P. ONLY.

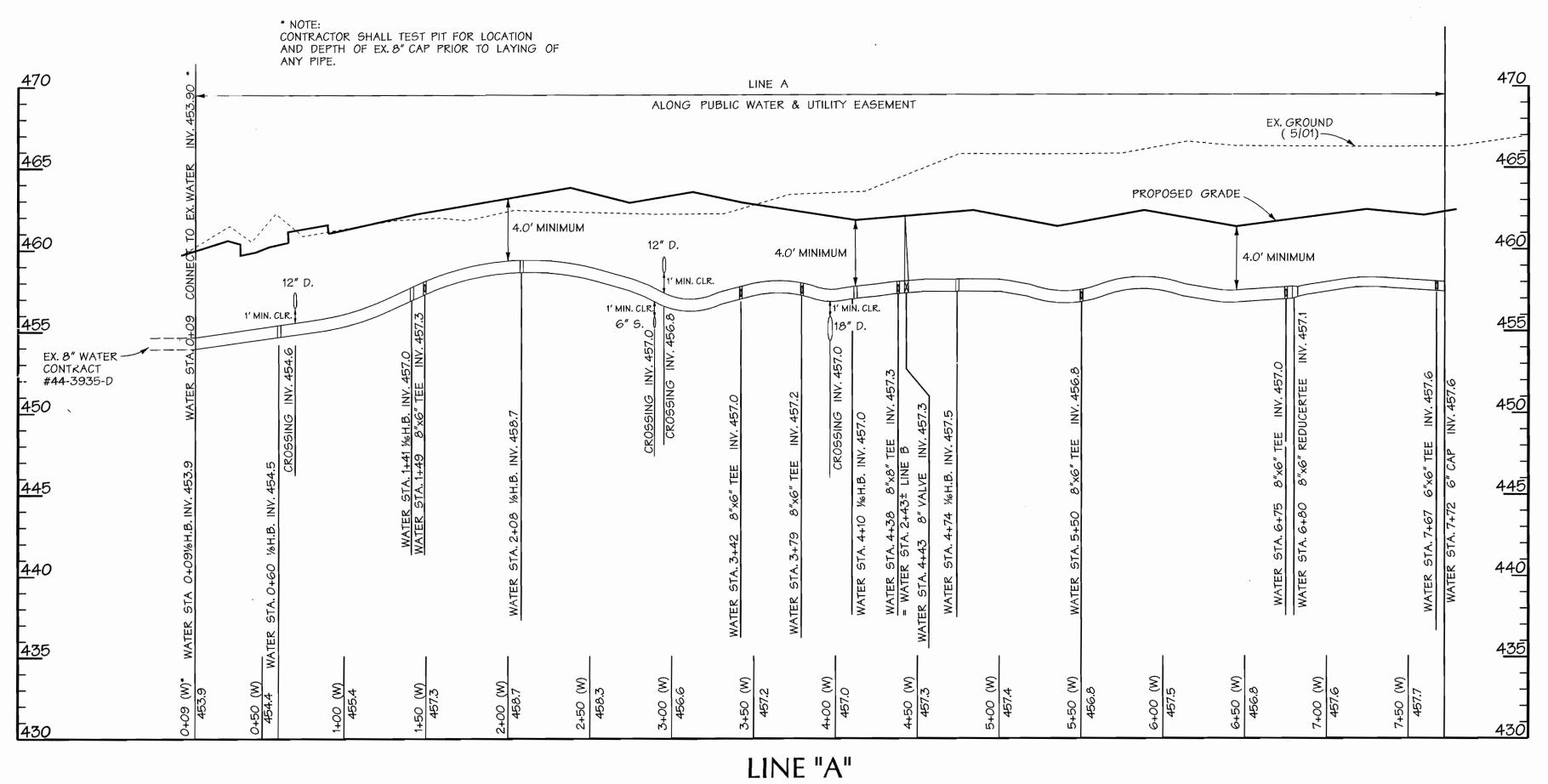
MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.

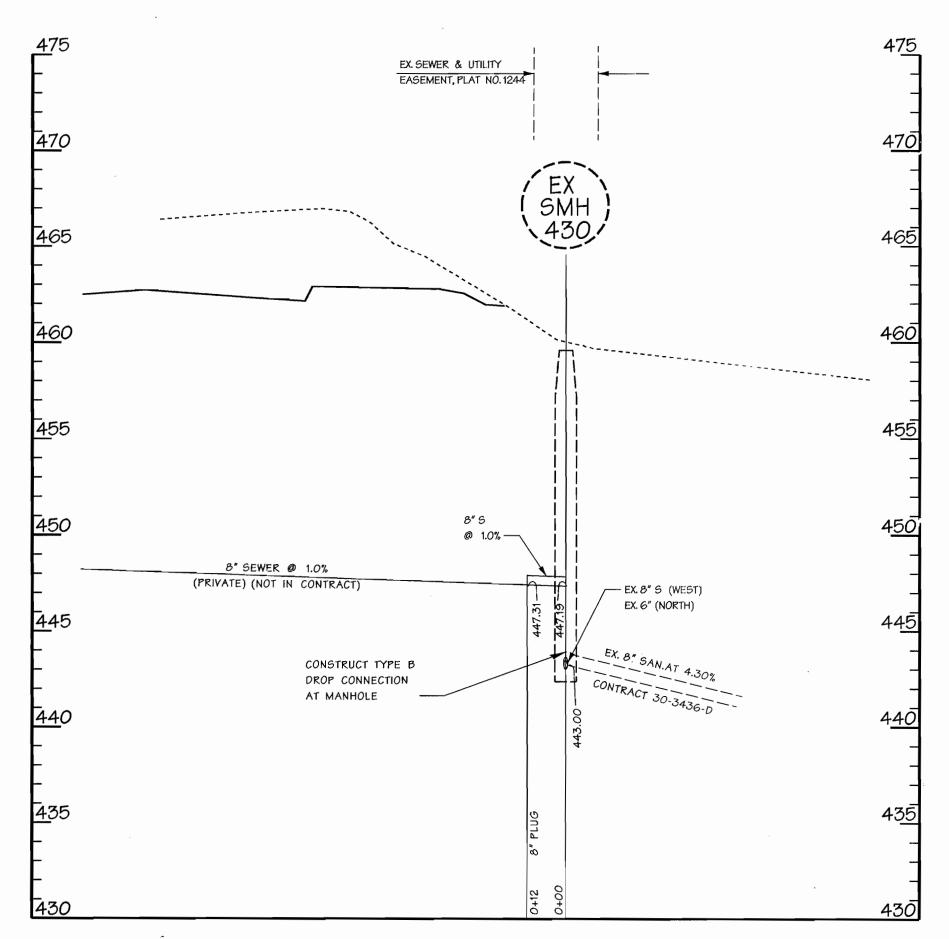
MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVERS, STANDARD DETAIL G5.52. WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON

6. HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT CELLAR CANNOT BE SERVED.









SEWER PROFILE

SCALE: HORZ: 1"=30'
VERT. 1"=5'

WATER MAIN PROFILES

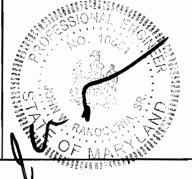
SCALE: HORIZ. 1"=50' VERT. 1"=5'

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND

Daft-1
200 Ed
Towson
(410) 25
Fax 29

A Team of Land Planners,
Innsylvania Avenue
Innsylv



DESIGN BY:

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	DATE:					
*	9/18/01	BY	NO.	REVISION	DATE	600 SCALE MAP NO. <u>35</u>
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WATER & SEWER PROFILE

__BLOCK_NO.__1_

VILLAGE OF RIVER HILL

SECTION 4, AREA 1, PARCEL A-1
TAX MAP 35
5th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND

CONTRACT NO. <u>34-4009-D</u>

SCALE:
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SHEET
3 of 3

SDP-02-26

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