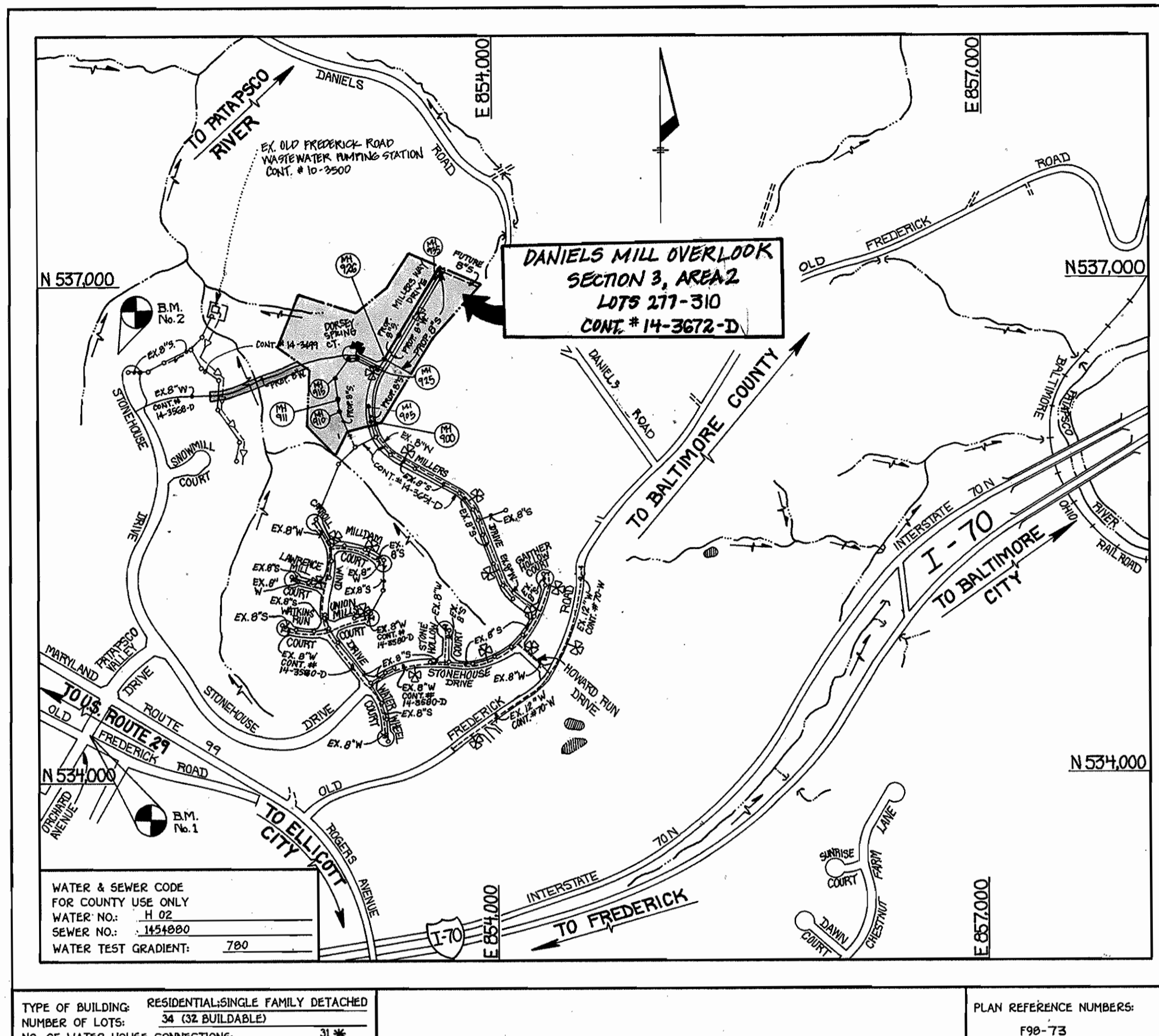


| QUANTITIES | | | | |
|---|------------|------------|------|----------|
| ITEM | ESTIMATED | AS-BUILT | | SUPPLIER |
| | | QUANTITIES | TYPE | |
| 8" SEWER | 1011 L.F. | | | |
| 8" D.P. SEWER | 207 L.F. | | | |
| 4" SEWER | 955 L.F. | | | |
| MANHOLES | 11 EACH | | | |
| 8" WATER | 1,909 L.F. | | | |
| 6" WATER | 105 L.F. | | | |
| 1" WHC | 230 L.F. | | | |
| 3/4" WHC | 413 L.F. | | | |
| FIRE HYDRANTS | 3 EACH | | | |
| 8" x 8" TEE | 1 EACH | | | |
| 8" x 6" TEE | 3 EACH | | | |
| 8" VALVE | 3 EACH | | | |
| 6" VALVE | 3 EACH | | | |
| 8" - 1/16 U.B. | 3 EACH | | | |
| 8" - 1/32 U.B. | 1 EACH | | | |
| 8" PLUG & PATRESS | 1 EACH | | | |
| 8" PLUG | 2 EACH | | | |
| 8" - 1/32 V.B. | 6 EACH | | | |
| NAME OF UTILITY CONTRACTOR: | | | | |
| SURVEY & DRAFTING DIVISION AS-BUILT DATE: | | | | |



GENERAL NOTES

- 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 IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
- ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATUM.
- ALL PIPE ELEVATIONS ARE INVERT ELEVATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6'. CLEAR ALL POLES BY 2'-0" MINIMUM.
- 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 (1991 AMENDMENTS) THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB SITE.
- 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 VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION. ANY DAMAGE TO EXISTING FACILITIES DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
 - STATE HIGHWAY ADMINISTRATION - 531-5533
 - BALTIMORE GAS & ELECTRIC CO. - CONTRACTOR SERVICES - 850-4620
 - BALTIMORE GAS & ELECTRIC CO. - UNDER GROUND DAMAGE CONTROL - 787-9068
 - MISS UTILITY - 1-800-257-7777
 - COLONIAL PIPELINE CO. - 795-1390
 - BUREAU OF UTILITIES, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 313-4900
- 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 BY THE CONTRACTOR.
- 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.
- ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- T.B. DENOTES TEST BORING.
- 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 G 5.52.
- WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS.
- HOUSES) WITH THE SYMBOL "C.N.S." INDICATES THAT THE CELLAR CANNOT BE SERVED.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING, UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS.
- MANHOLES LOCATED WITHIN THE PROPOSED ROADWAY SHALL HAVE STANDARD HEAVY TRAFFIC MANHOLE FRAMES AND COVERS, STANDARD DETAIL G5.51.
- WATER MAINS AND WATER HOUSE CONNECTION LINES MUST BE PLACED AS TO HAVE ONE (1) FOOT SEPARATION FROM THE SEWER MAIN OR SEWER HOUSE CONNECTION AS THEY PASS ABOUT IT.
- ALL WATER MAINS SHALL BE D.I.P., CLASS 52 UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-1/2' COVER UNLESS OTHERWISE NOTED.
- VALVES ADJACENT TO TREES SHALL BE STRAPPED TO TREES.
- 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 BUSY LINE ELEVATION SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE RESTRAINED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS (W111 AND W213). SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND 1005 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- ALL D.I.P. FITTINGS SHALL BE IN ACCORDANCE WITH AWWA SPECIFICATIONS C-153; DUCTILE IRON COMPACT FITTINGS, 3-INCH THROUGH 12-INCH FOR WATER AND OTHER LIQUIDS.
- THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, (410) 313-2450 AT LEAST FIVE 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 18.111(a) OF THE HOWARD COUNTY CODE.

DEVELOPER'S CERTIFICATION
 I/WE HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL, SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Paul M. Kiehl FOR: RYLAND HOMES, INC. 04/15/98
 SIGNATURE OF DEVELOPER DATE

ENGINEER'S CERTIFICATION
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Michael J. McCann 2-25-98
 SIGNATURE OF ENGINEER DATE

| | |
|---------------------------------|---|
| TYPE OF BUILDING: | RESIDENTIAL-SINGLE FAMILY DETACHED |
| NUMBER OF LOTS: | 34 (32 BUILDABLE) |
| NO. OF WATER HOUSE CONNECTIONS: | 31 |
| NO. OF SEWER HOUSE CONNECTIONS: | 31 |
| DRAINAGE AREA: | PATAPSCO |
| TREATMENT PLANT: | PATAPSCO WWTP, CITY OF BALTIMORE VIA OLD FREDERICK ROAD W/P PUMP STA. |

* BUILDABLE LOT NO. 309 WAS PREVIOUSLY PROVIDED AN 8" x 4" WHC UNDER CONT. NO. H-3580-D; DANIELS MILL OVERLOOK, SECTION 2, AREA 3. (SEE SHEET 5 FOR PLAN VIEW)

CONTRACT No. 14-3672-D
DANIELS MILL OVERLOOK

SECTION 3, AREA 2
LOT NOS. 277-310
WATER AND SEWER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND

BENCHMARKS

| | |
|---|------------------|
| BENCHMARK No. 1 | ELEV. = 481.10 |
| EXISTING MANHOLE RIM No. 1 (CONT. #10-1352-D) | |
| N 534,316.030000 | E 851,445.348000 |
| BENCHMARK No. 2 | ELEV. = 407.75 |
| HUB WITH STAKE MARKED "TRAVERSE PT. No. 126" | |
| N 536,742.360000 | E 851,766.890000 |

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Cheryl Simmons 8/1/99
 U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY HOWARD COUNTY SOIL CONSERVATION DISTRICT.

APPROVED:
John P. Robertson 8/1/99
 HOWARD COUNTY SOIL CONSERVATION DISTRICT DATE

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL & STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS AS SHOWN ON THESE PLANS

Paul M. Kiehl FOR: RYLAND HOMES, INC. 04/15/98
 SIGNATURE OF DEVELOPER DATE

| | |
|--|--|
| DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND | DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND |
| <i>Robert M. Bevinger</i> 8-5-98 CHIEF, BUREAU OF UTILITIES | <i>Michael J. McCann</i> 8/1/98 CHIEF, DEVELOPMENT ENGINEERING DIVISION |

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK
 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2855

STATE OF MARYLAND
 REGISTERED PROFESSIONAL ENGINEER
 No. 9757
 TERRELL A. FISHER

| | | | |
|--------------|-------------|-----------|------------|
| DESIGNED BY: | M.J.M. | DATE: | JUNE, 1998 |
| DRAWN BY: | J.A.U./L.M. | BY: | NO. |
| CHECKED BY: | M.J.M. | REVISION: | |
| DATE: | | DATE: | |

| | |
|---|--|
| TITLE SHEET | |
| 600' SCALE MAP NO. 37 & 18 - BLOCK NO. 12 | |
| F.C.C. WORK ORDER NO. 3058A | |
| FILE NAME: DANIELS MILL OVERLOOK_3/2 | |

DANIELS MILL OVERLOOK
SECTION 3, AREA 2
LOT NOS. 277-310
CONTRACT NO. 14-3672 -D
SECOND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 SHEET 1 OF 6

CONTRACT NO. 14-3672-D
 DANIELS MILL OVERLOOK
 SECTION 3, AREA 2
 LOT NOS. 277-310
 WATER AND SEWER MAIN EXTENSIONS
 HOWARD COUNTY, MARYLAND

MANHOLE TABULATION CHART

| MH No. | RD STA. | DISTANCE | SLOPE | ELEVATION | ROAD NAME |
|--------|---------------|----------|--------|-----------|---------------------|
| 900 | 16+01 | 8' LT. | +1.87% | 424.96 | MILLERS WAY DRIVE |
| 905 | 16+94 | 9' LT. | +4.42% | 427.87 | MILLERS WAY DRIVE |
| 910 | | | | 412.00 | OPEN SPACE LOT 291 |
| 911 | | | | 423.00 | OPEN SPACE LOT 291 |
| 915 | | | | 434.00 | OPEN SPACE LOT 291 |
| 920 | IN CUL-DE-SAC | | | 430.50 | DORSEY SPRING COURT |
| 921 | IN CUL-DE-SAC | | | 432.63 | DORSEY SPRING COURT |
| 925 | 18+93 | 7' LT. | +3.77% | 438.91 | MILLERS WAY DRIVE |
| 926 | 19+23 | 7' LT. | +2.81% | 439.92 | MILLERS WAY DRIVE |
| 930 | 21+45 | 7' LT. | -2.97% | 438.45 | MILLERS WAY DRIVE |
| 935 | 25+43 | 7' LT. | +1.45% | 437.86 | MILLERS WAY DRIVE |

SEE SHEET 4 FOR PROFILE OF WATER & SEWER MAINS IN MILLERS WAY DRIVE AND THE 8" SEWER MAIN OUTFALL.

SEE SHEET 3 FOR PROFILE OF WATER & SEWER MAINS IN DORSEY SPRING COURT.

SEE SHEET 5 FOR PROFILE OF THE 8" WATER MAIN LOOP.

SEE SHEET 6 FOR SILT FENCE NOTES AND DETAILS

DEVELOPER'S CERTIFICATION

I/WE HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Paul W. Koidl FOR: **Ryan Homes, Inc.** 04/15/98
SIGNATURE OF DEVELOPER DATE

ENGINEER'S CERTIFICATION

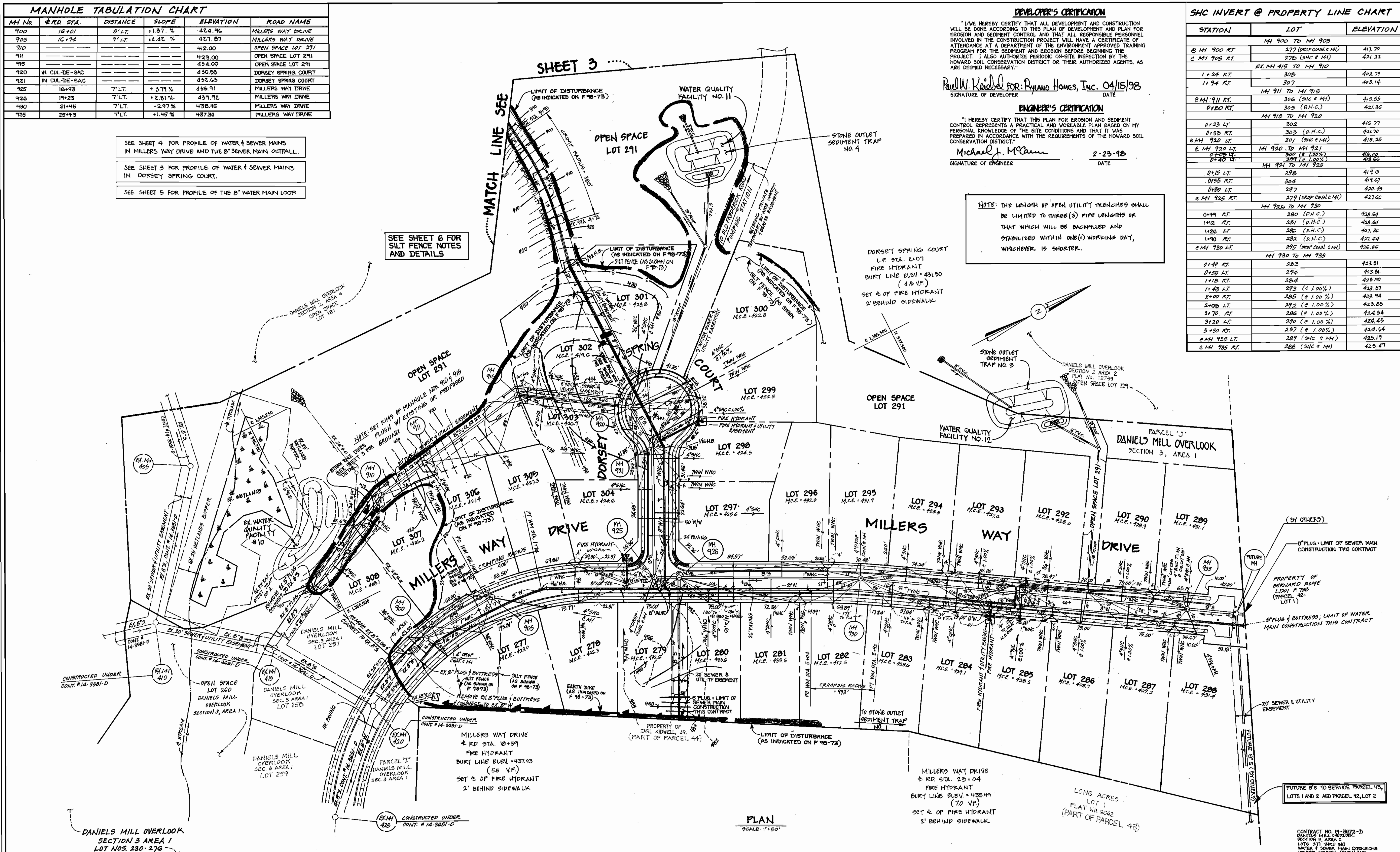
I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Michael J. McEann 2-23-98
SIGNATURE OF ENGINEER DATE

SHC INVERT @ PROPERTY LINE CHART

| STATION | LOT | ELEVATION |
|--------------|-----------------------|-----------|
| | MH 900 TO MH 905 | |
| @ MH 900 RT. | 277 (DROPPING C.M.H.) | 417.70 |
| @ MH 905 RT. | 278 (SHC @ MH) | 421.22 |
| | EX. MH 415 TO MH 910 | |
| 1+24 RT. | 303 | 402.71 |
| 1+74 RT. | 307 | 403.14 |
| | MH 911 TO MH 915 | |
| @ MH 911 RT. | 306 (SHC @ MH) | 415.55 |
| @ MH 915 RT. | 305 (D.H.C.) | 421.36 |
| | MH 915 TO MH 920 | |
| 0+23 LT. | 302 | 416.77 |
| 0+33 RT. | 303 (D.H.C.) | 421.70 |
| @ MH 920 LT. | 301 (SHC @ MH) | 418.25 |
| @ MH 920 LT. | MH 920 TO MH 921 | |
| 0+55 LT. | 300 (D.H.C.) | 418.00 |
| 0+80 LT. | 299 (D.H.C.) | 418.66 |
| | MH 921 TO MH 925 | |
| 0+15 LT. | 298 | 419.15 |
| 0+55 RT. | 304 | 419.07 |
| 0+80 LT. | 297 | 420.45 |
| @ MH 925 RT. | 299 (DROPPING C.M.H.) | 427.66 |
| | MH 926 TO MH 930 | |
| 0+44 RT. | 280 (D.H.C.) | 428.64 |
| 1+12 RT. | 281 (D.H.C.) | 428.64 |
| 1+26 LT. | 286 (D.H.C.) | 427.36 |
| 1+90 RT. | 282 (D.H.C.) | 427.64 |
| @ MH 930 LT. | 295 (DROPPING C.M.H.) | 426.86 |
| | MH 930 TO MH 935 | |
| 0+40 RT. | 283 | 423.51 |
| 0+55 LT. | 274 | 423.51 |
| 1+15 RT. | 284 | 423.70 |
| 1+43 LT. | 293 (e 1.00%) | 423.57 |
| 2+00 RT. | 285 (e 1.00%) | 423.74 |
| 2+05 LT. | 292 (e 1.00%) | 423.85 |
| 2+70 RT. | 286 (e 1.00%) | 424.34 |
| 3+20 LT. | 290 (e 1.00%) | 424.45 |
| 3+30 RT. | 287 (e 1.00%) | 424.64 |
| @ MH 935 LT. | 289 (SHC @ MH) | 425.19 |
| @ MH 935 RT. | 288 (SHC @ MH) | 425.47 |

NOTE: THE LENGTH OF OPEN UTILITY TRENCHES SHALL BE LIMITED TO THREE (3) PIPE LENGTHS OR THAT WHICH WILL BE BACKFILLED AND STABILIZED WITHIN ONE (1) WORKING DAY, WHICHEVER IS SHORTER.



| | | | | | |
|--|--|--------------------------------------|--|--|---|
| <p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND</p> <p><i>Robert M. Baunig</i> CHIEF, BUREAU OF UTILITIES</p> <p>8/5/98 DATE</p> | <p>DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND</p> <p><i>Michael J. McEann</i> CHIEF, DEVELOPMENT ENGINEERING DIVISION</p> <p>8/13/98 DATE</p> | <p>9757</p> <p>TERRELL A. FISHER</p> | <p>DESIGNED BY: M.J.H.</p> <p>DRAWN BY: J.A.L.</p> <p>CHECKED BY: M.J.H.</p> <p>DATE: JUNE 1, 1998</p> | <p>WATER AND SEWER MAINS PLAN</p> <p>600' SCALE MAP NO. 17 BLOCK NO. 72</p> <p>F.C.C. WORK ORDER NO. 30574</p> <p>FILE NAME: DANIELS MILL OVERLOOK 3/2</p> | <p>DANIELS MILL OVERLOOK SECTION 3, AREA 2 LOTS 277 THRU 310</p> <p>CONTRACT NO. 14-3672 -D SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p> <p>SCALE AS SHOWN</p> <p>SHEET 2 OF 6</p> |
|--|--|--------------------------------------|--|--|---|

DEVELOPER'S CERTIFICATION

"I/WE HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

Paul W. Radford FOR: Ryland Homes Inc. 04/15/98
SIGNATURE OF DEVELOPER DATE

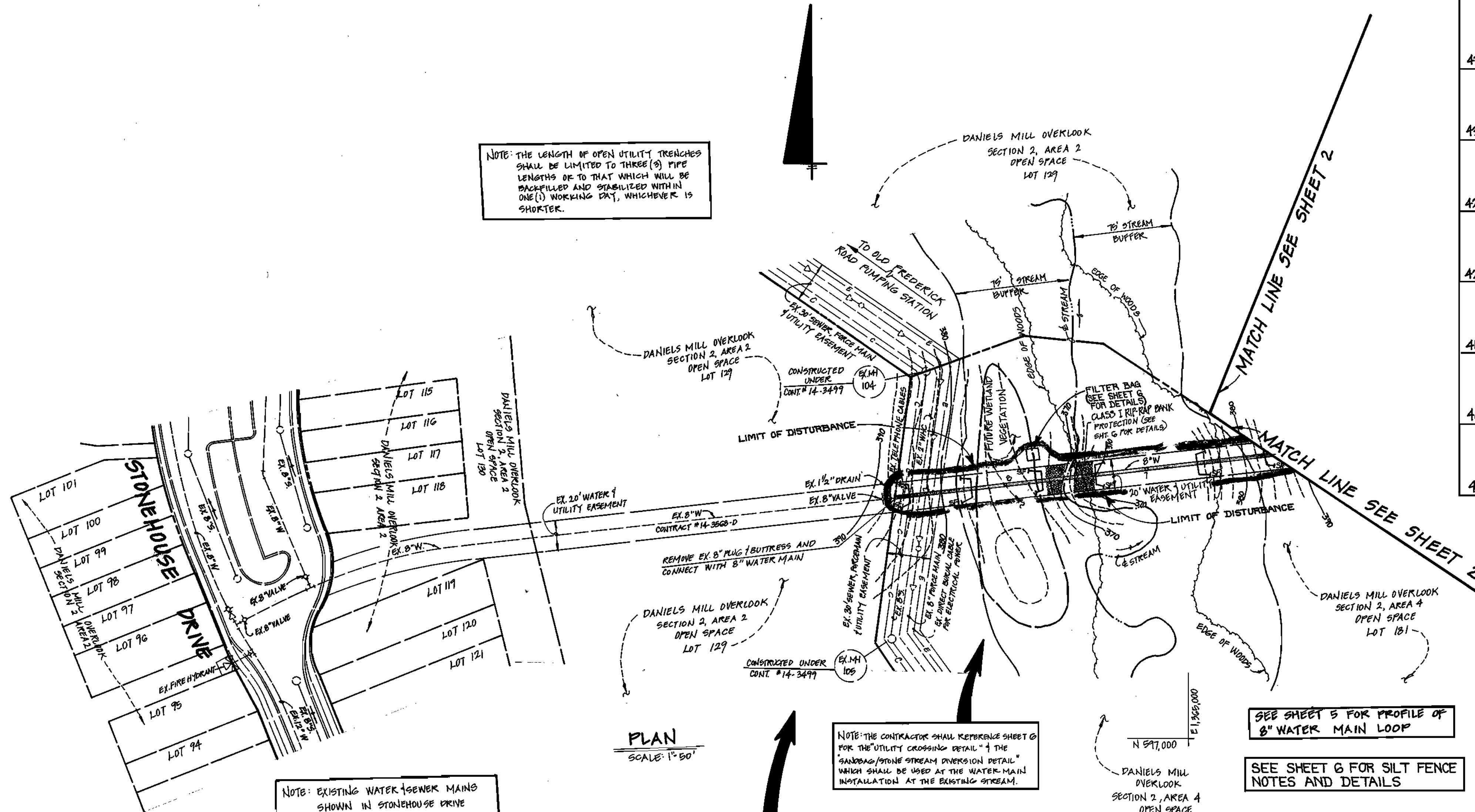
ENGINEER'S CERTIFICATION

"I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

Michael J. McCann 2-23-98
SIGNATURE OF ENGINEER DATE

N 597500
E 000000

N 596750
E 1366000

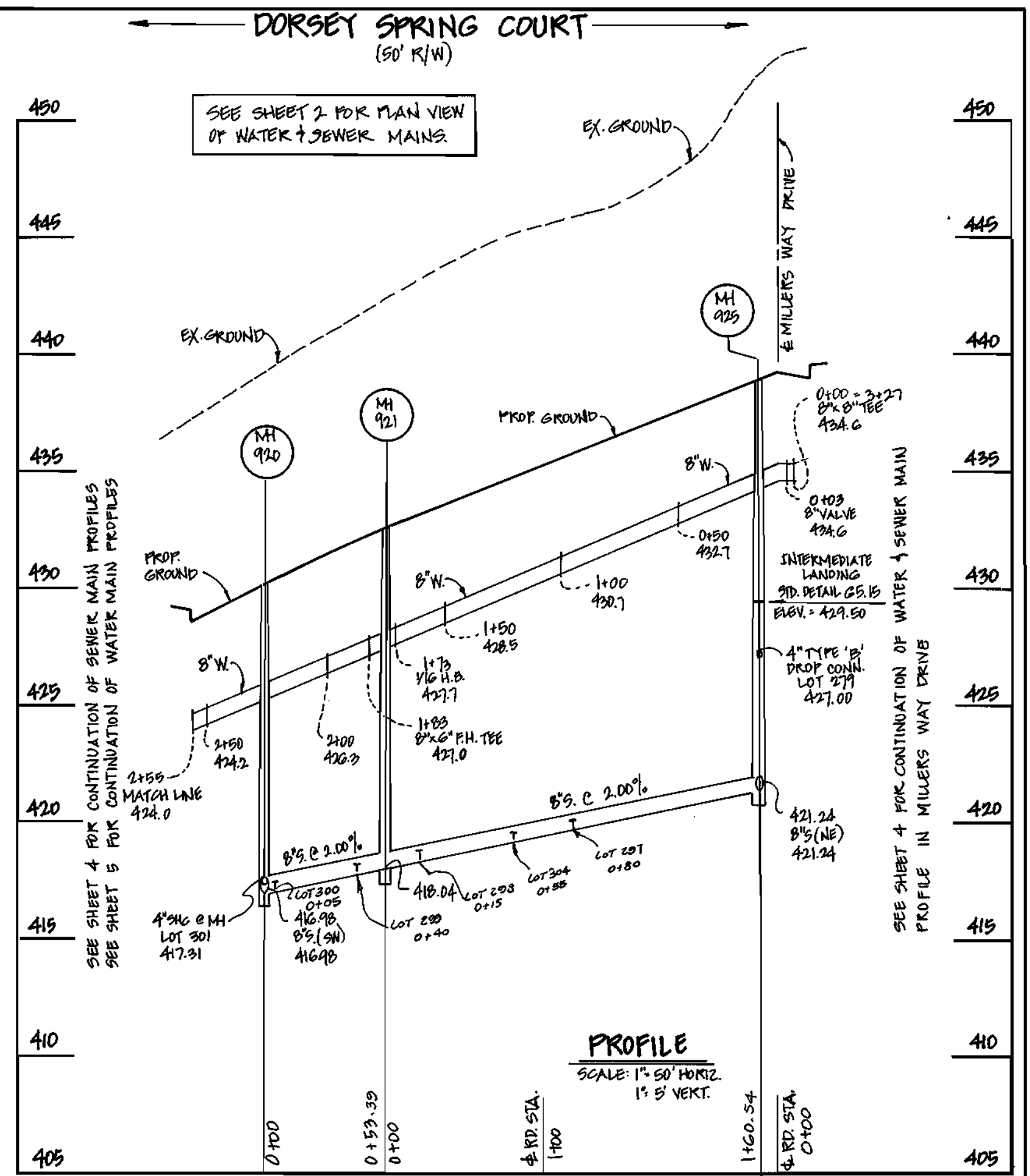


NOTE: THE LENGTH OF OPEN UTILITY TRENCHES SHALL BE LIMITED TO THREE (3) PIPE LENGTHS OR TO THAT WHICH WILL BE BACKFILLED AND STABILIZED WITHIN ONE (1) WORKING DAY, WHICHEVER IS SHORTER.

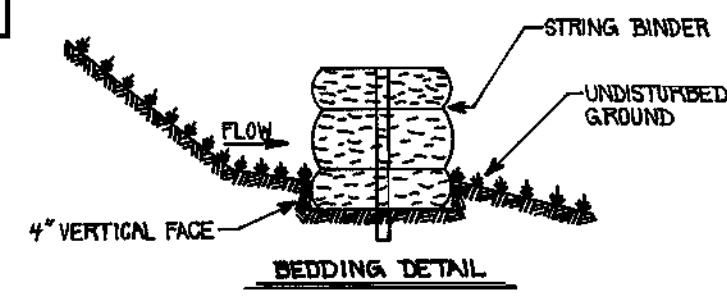
NOTE: THE CONTRACTOR SHALL REFER TO SHEET 6 FOR THE UTILITY CROSSING DETAIL AND THE SANDWICH/STONE STREAM OVERFLOW DETAIL WHICH SHALL BE USED AT THE WATER MAIN INSTALLATION AT THE EXISTING STREAM.

NOTE: THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES PRIOR TO THE CONSTRUCTION OF THE 8\"/>

NOTE: EXISTING WATER AND SEWER MAINS SHOWN IN STONEHOUSE DRIVE WERE CONSTRUCTED UNDER CONTRACT NO. 14-3668-D.

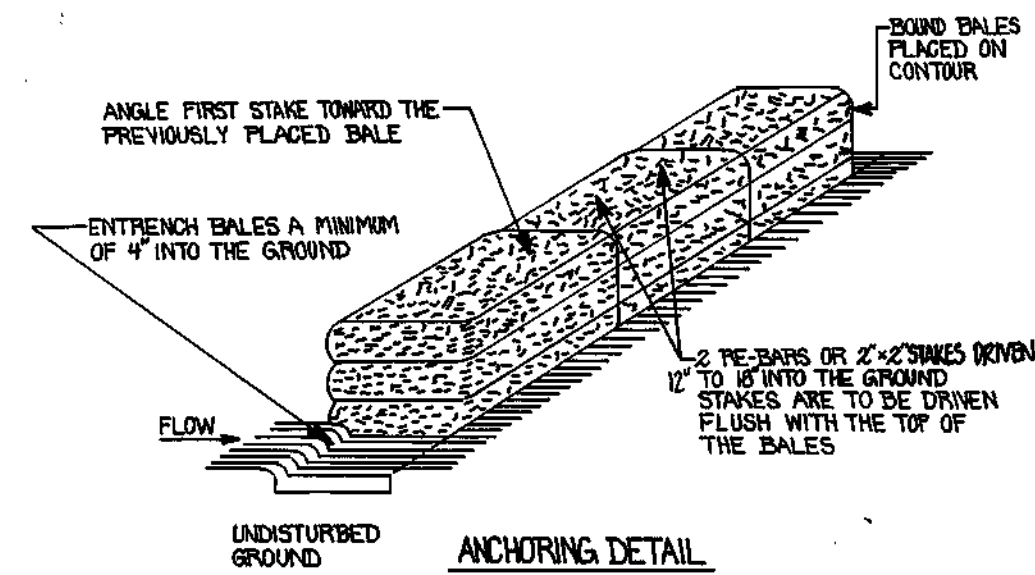


WATER & SEWER MAINS: DORSEY SPRING COURT



STRAW BALE DIKE CONSTRUCTION SPECIFICATIONS

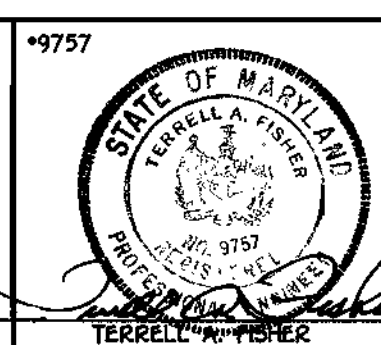
- BALES SHALL BE PLACED AT THE TOE OF A SLOPE, ON THE CONTOUR, AND IN A ROW WITH THE ENDS OF EACH BALE TIGHTLY ADJUTTING THE ADJACENT BALES.
- EACH BALE SHALL BE ENTRENCHED IN THE SOIL A MINIMUM OF 4\"/>
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR PRE-BARS DRIVEN THROUGH THE BALE 12\"/>
- STRAW BALE DIKES SHALL BE INSPECTED FREQUENTLY AND AFTER EACH RAIN EVENT AND MAINTENANCE PERFORMED AS NECESSARY.
- ALL BALES SHALL BE REMOVED WHEN THE SITE HAS BEEN STABILIZED. THE TRENCH WHERE THE BALES WERE LOCATED SHALL BE GRADED FLUSH AND STABILIZED.
- STRAW BALES SHOULD BE PLACED AT SILT FENCE STAKES. (SEE PLAN VIEW LOCATIONS)
- STRAW BALES ARE SET IN ACCORDANCE WITH CHECK DAM SPECIFICATIONS.



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21117
410-461-2255



| | |
|--------------|------------|
| DESIGNED BY: | M.J.M. |
| DRAWN BY: | J.A.U. |
| CHECKED BY: | M.J.M. |
| DATE: | JUNE, 1998 |
| BY NO. | |
| REVISION | |
| DATE | |

**WATER MAIN LOOP
PLAN VIEW**

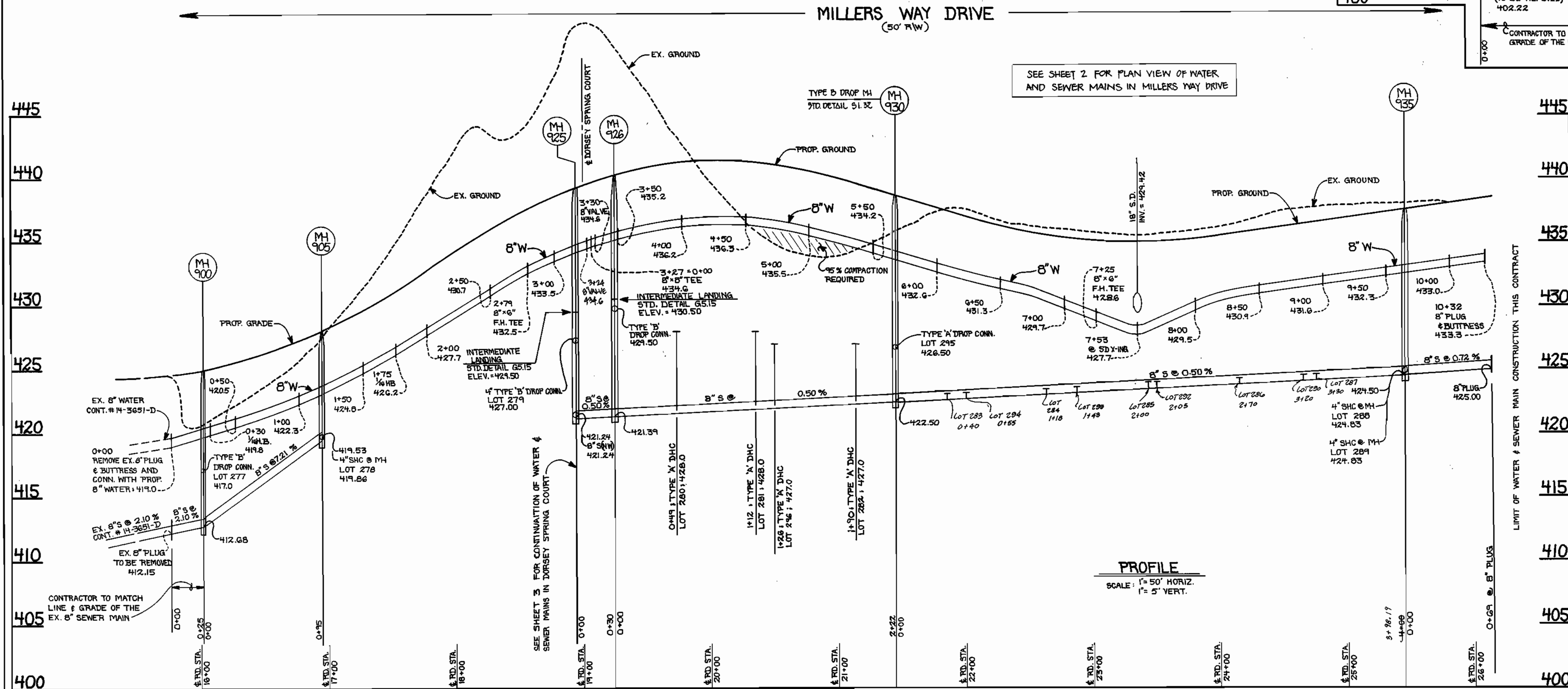
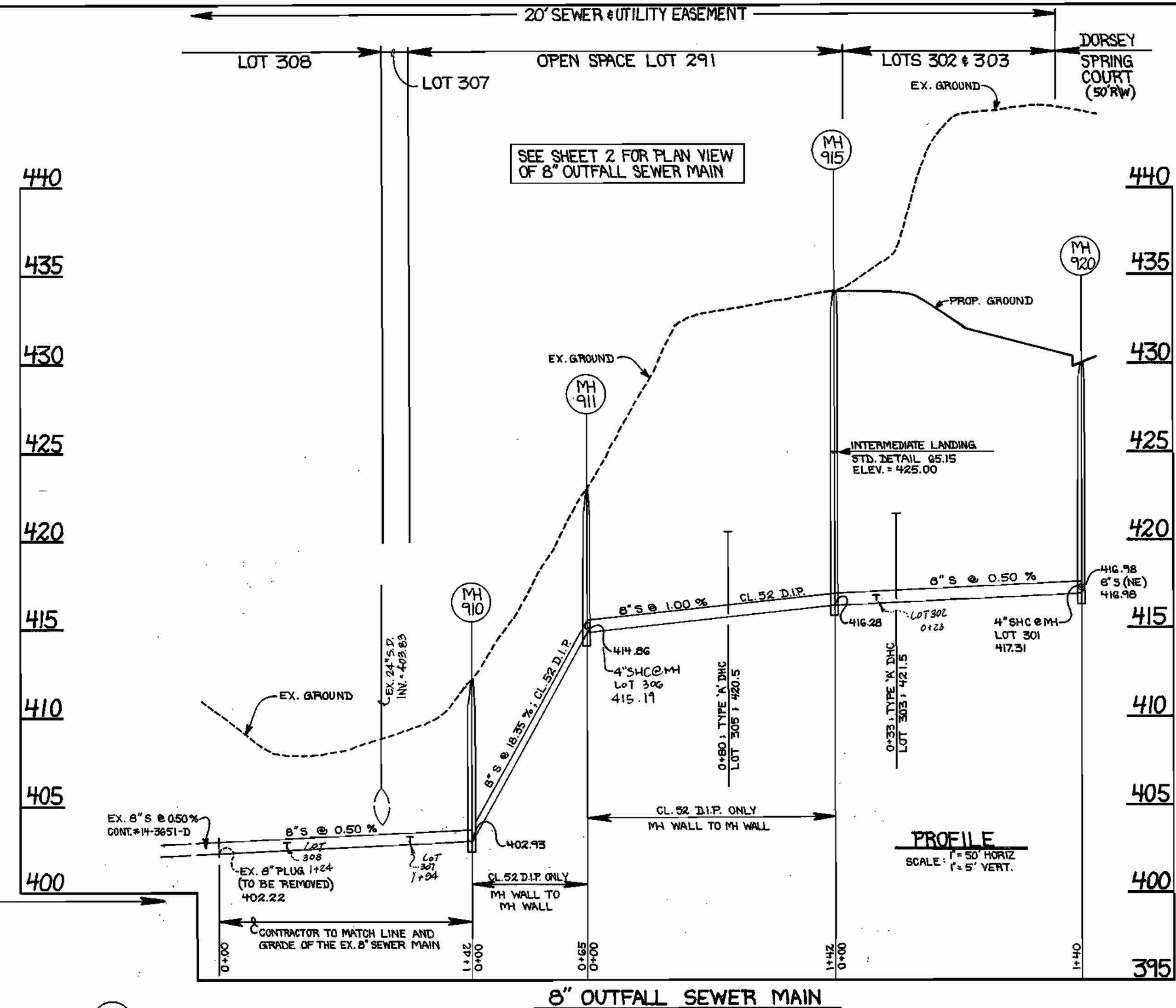
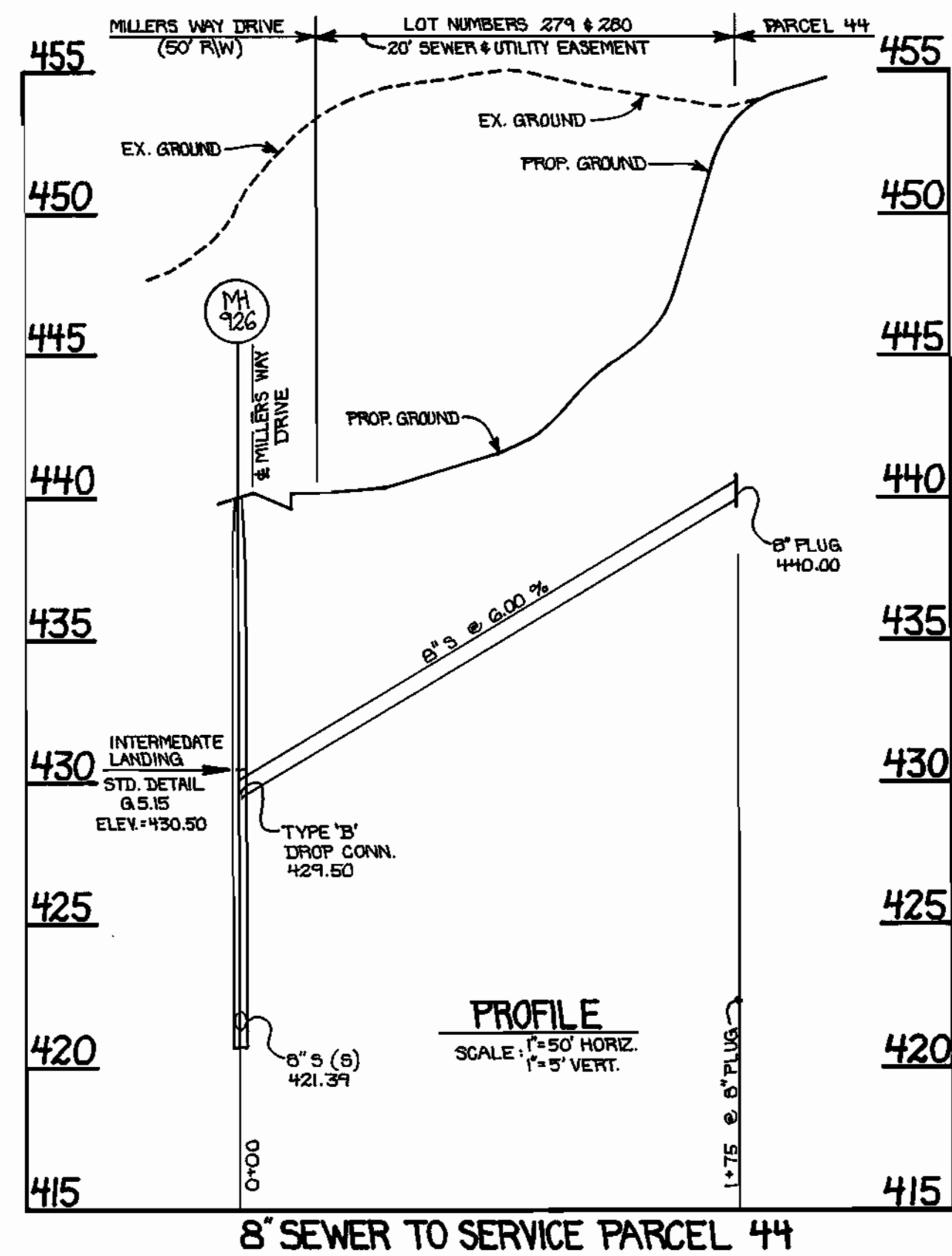
600' SCALE MAP NO. 17 BLOCK NO. 12
F.C.C. WORK ORDER NO. 32594
FILE NAME: DANIELS MILL OVERLOOK_3/2

DANIELS MILL OVERLOOK
SECTION 3, AREA 2
LOTS 277 THRU 310
CONTRACT NO. 14-3672-D
SECOND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 3 OF 6

Robert M. Beninger
CHIEF, BUREAU OF UTILITIES
8-5-98 DATE

Michael J. McCann
CHIEF, DEVELOPMENT ENGINEERING DIVISION
8/13/98 DATE



ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Michael J. McCann
SIGNATURE OF ENGINEER

2-23-98
DATE

DEVELOPER'S CERTIFICATE
I/WE CERTIFY THAT ALL DEVELOPMENT (CONSTRUCTION) WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT & PLAN FOR EROSION & SEDIMENT CONTROL THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Paul W. Riedel FOR: RYLAND HOMES, INC.
SIGNATURE OF DEVELOPER

04/15/98
DATE

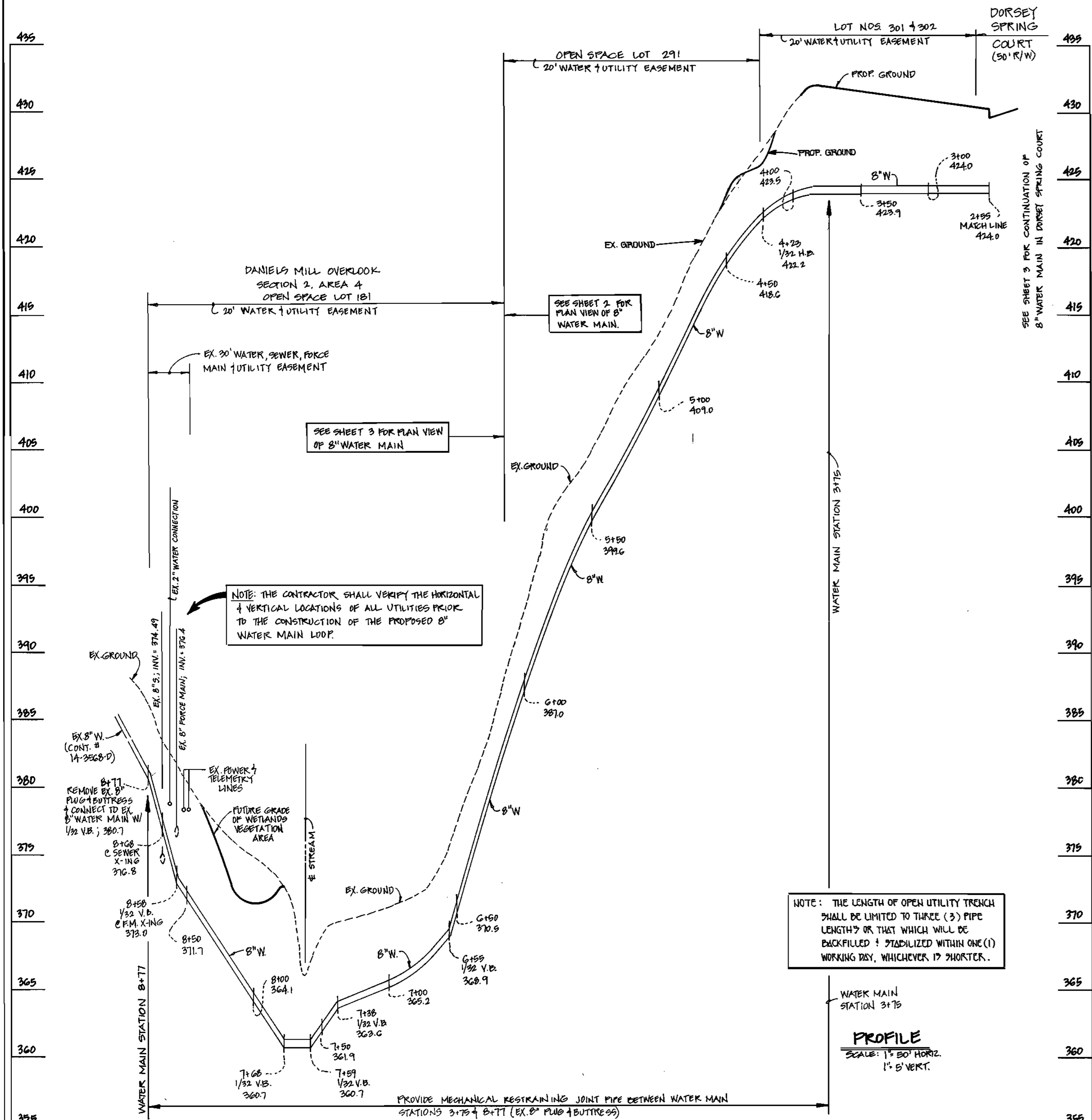
CONTRACT NO. 14-3672-D
DANIELS MILL OVERLOOK
SECTION 3, AREA 2
LOT NOS. 277 - 310
WATER AND SEWER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND

| | | | | | |
|--|---|--|--|---|--|
| DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Robert M. Switzer CHIEF, BUREAU OF UTILITIES DATE: 8-5-98 | DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND Michael J. McCann CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE: 8/13/98 | FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS CENTENNIAL SQUARE OFFICE PARK 10272 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21042 (410) 461-2855 TERRELL A. FISHER | DESIGNED BY: M.J.M. DRAWN BY: L.M.M. CHECKED BY: M.J.M. DATE: JUN 6, 1998 | WATER AND SEWER MAIN PROFILES 600' SCALE MAP NO. J7 & 18 - BLOCK NO. 12 F.C.C. WORK ORDER NO. 30594 FILE NAME: DANIELS MILL OVERLOOK 3/2 | DANIELS MILL OVERLOOK SECTION 3, AREA 2 LOT NOS. 277 - 310 CONTRACT NO. 14-3672 -D SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND SCALE: AS SHOWN SHEET: 4 OF 6 |
| | | | BY NO. _____ REVISION _____ DATE _____ | DATE _____ | DATE _____ |

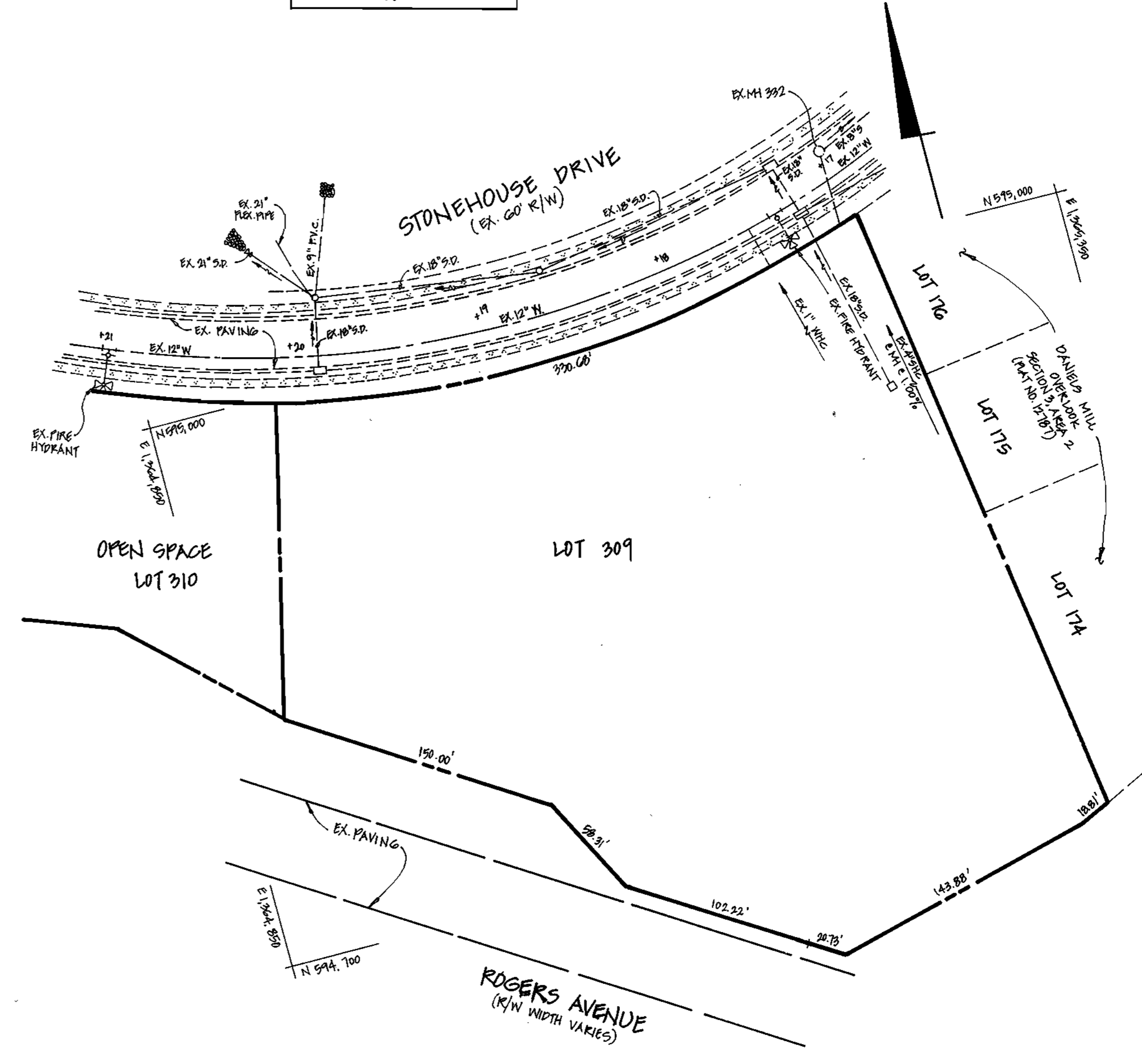
WATER MAIN TABULATION CHART

| W.M. STATION | APPURTENANCE | ROAD NAME | ± ROAD STATION ± OFFSET / NORTHING ± EASTING |
|--------------|------------------------|---------------------|--|
| 0+00 | EX. 8" PLUG & BUTTRESS | MILLERS WAY DRIVE | 15+77, 7' RT. |
| 0+30 | 1/4" H.B. | MILLERS WAY DRIVE | 16+06, 5' RT. |
| 1+10 | P.C. | MILLERS WAY DRIVE | 16+08, 7' RT. |
| 1+74 | P.T. | MILLERS WAY DRIVE | 17+53, 2' RT. |
| 1+75 | 1/4" H.B. | MILLERS WAY DRIVE | 17+54, 2' RT. |
| 2+74 | 8" x 6" TEE | MILLERS WAY DRIVE | 18+59, 7' RT. |
| 2+74 | 6" VALVE | MILLERS WAY DRIVE | 18+59, 4' RT. |
| 3+27 = 0+00 | 8" x 8" TEE | MILLERS WAY DRIVE | 19+05, 7' RT. |
| 0+03 | 8" VALVE | DORSEY SPRING COURT | 19+05, 4' RT. |
| 3+24 | 8" VALVE | MILLERS WAY DRIVE | 18+98, 7' RT. |
| 3+30 | 8" VALVE | MILLERS WAY DRIVE | 19+08, 7' RT. |
| 5+04 | P.C. | MILLERS WAY DRIVE | 20+85, 7' RT. |
| 5+92 | P.T. | MILLERS WAY DRIVE | 21+74, 7' RT. |
| 7+25 | 8" x 6" TEE | MILLERS WAY DRIVE | 23+04, 7' RT. |
| 7+25 | 6" VALVE | MILLERS WAY DRIVE | 23+04, 10' RT. |
| 10+32 | 8" PLUG & BUTTRESS | MILLERS WAY DRIVE | 26+14, 7' RT. |
| 1+73 | 1/4" H.B. | DORSEY SPRING COURT | 1+63, 6' RT. |
| 1+83 | 8" x 6" TEE | DORSEY SPRING COURT | 1+75, 6' RT. |
| 1+83 | 6" VALVE | DORSEY SPRING COURT | 1+75, 5' RT. |
| 4+23 | 1/32" H.B. | | |
| 4+72 | P.C. | | |
| 5+95 | P.T. | | |
| 8+77 | EX. 8" PLUG & BUTTRESS | | |

8" WATER MAIN LOOP



NOTE:
WATER & SEWER MAINS IN
STONEHOUSE DRIVE WERE
CONSTRUCTED UNDER
CONT. # 14-3560



ENGINEER'S CERTIFICATION

"I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."
 Michael J. McCann 2-23-98
 SIGNATURE OF ENGINEER DATE

DEVELOPER'S CERTIFICATION

"I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."
 Paul W. Riedel FOR: RYLAND HOMES, INC. 04/15/98
 SIGNATURE OF DEVELOPER DATE

PLAN

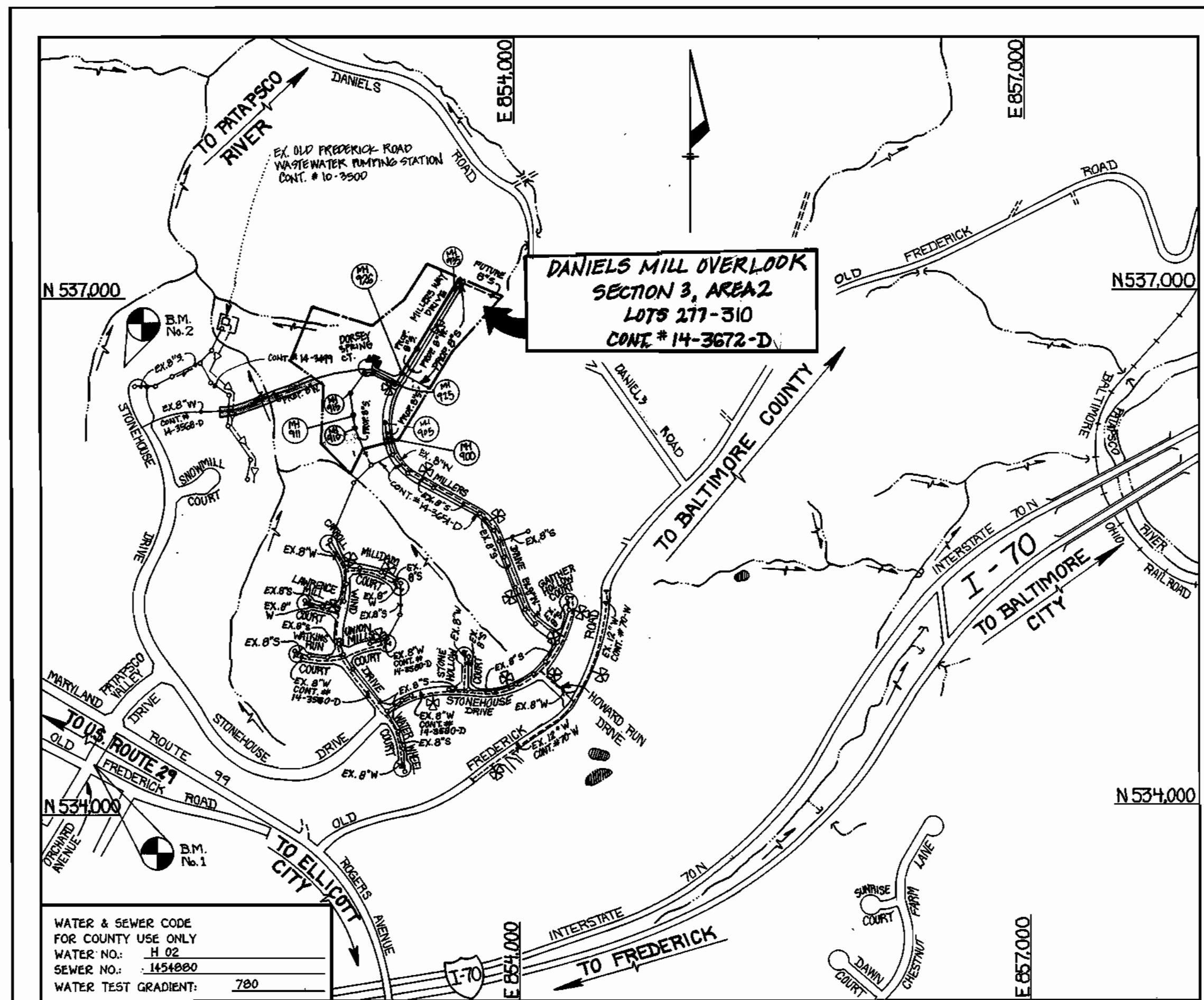
SCALE: 1" = 50'

CONTRACT NO. 14-3672-D
 DANIELS MILL OVERLOOK
 SECTION 3, AREA 2
 LOT NOS. 277 - 310
 WATER AND SEWER MAIN EXTENSIONS
 HOWARD COUNTY, MARYLAND

| | | | | | | | |
|---|---|--|---|-----------------------------|---|---|---|
| <p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND</p> <p>Robert J. Bunting CHIEF, BUREAU OF UTILITIES</p> | <p>DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND</p> <p>Michael J. McCann CHIEF, DEVELOPMENT ENGINEERING DIVISION</p> | <p>FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS</p> <p>CENTENNIAL SQUARE OFFICE PARK 10272 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21042 (410) 461-2855</p> | <p>DESIGNED BY: M.J.M. DRAWN BY: J.A.U. CHECKED BY: M.J.M. DATE: JUN 6, 1998</p> | <p>BY NO. REVISION DATE</p> | <p>WATER AND SEWER MAIN PROFILES</p> <p>600' SCALE MAP NO. 17 & 18 BLOCK NO. 12 F.C.C. WORK ORDER NO. 30594 FILE NAME: DANIELS MILL OVERLOOK 3/2</p> | <p>DANIELS MILL OVERLOOK SECTION 3, AREA 2 LOT NOS. 277 - 310 CONTRACT NO. 14-3672 -D SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p> | <p>SCALE AS SHOWN SHEET 5 OF 6</p> |
|---|---|--|---|-----------------------------|---|---|---|

| QUANTITIES | | | | |
|--------------------|------------|------------|------------------|--------------------|
| ITEM | ESTIMATED | QUANTITIES | AS-BUILT | SUPPLIER |
| | | | TYPE | |
| 8" SEWER | 1511 L.F. | 1511 | S.O.R. 35 P.V.C. | J.M. MANUFACTURING |
| 8" D.I.P. SEWER | 207 L.F. | 207 | CL. 52 | ATLANTIC STATES |
| 4" SEWER | 955 L.F. | 955 | S.O.R. 35 P.V.C. | J.M. MANUFACTURING |
| MANHOLES | 11 EACH | 11 | PRE-CAST | ATLANTIC CONC. |
| 8" WATER | 1,909 L.F. | 1909 | CL. 52 D.I.P. | ATLANTIC |
| 6" WATER | 109 L.F. | 109 | " " | " |
| 1" WHC | 230 L.F. | 230 | TYPE C | BEAR RD. SUPPLIES |
| 3/4" WHC | 413 L.F. | 413 | " " | " |
| FIRE HYDRANTS | 3 EACH | 3 | MUELLER | U.S. FILTER |
| 8" x 8" TEE | 1 EACH | 1 | UNION FOUNDRY | U.S. FILTER |
| 8" x 6" TEE | 3 EACH | 3 | " | " |
| 8" VALVE | 3 EACH | 3 | MUELLER | " |
| C" VALVE | 3 EACH | 3 | " | " |
| 8" - 1/16" H.B. | 3 EACH | 3 | UNION FOUNDRY | " |
| 8" - 1/32" H.B. | 1 EACH | 1 | " | " |
| 8" PLUG & BUTTRESS | 1 EACH | 1 | " | " |
| 8" PLUG | 2 EACH | 2 | " | " |
| 8" - 1/32" V.D. | 6 EACH | 6 | " | " |

NAME OF UTILITY CONTRACTOR: CAINES & CO. INC.
 SURVEY & DRAFTING DIVISION AS-BUILT DATE: 12-21-98



TYPE OF BUILDING: RESIDENTIAL-SINGLE FAMILY DETACHED
 NUMBER OF LOTS: 34 (32 BUILDABLE)
 NO. OF WATER HOUSE CONNECTIONS: 31 #
 NO. OF SEWER HOUSE CONNECTIONS: 31 #
 DRAINAGE AREA: PATAPSCO
 TREATMENT PLANT: PATAPSCO WTRP, CITY OF BALTIMORE VIA OLD FREDERICK ROAD WW PUMP STA.

* BUILDABLE LOT NO. 307 WAS PREVIOUSLY PROVIDED AN
 74C & A WHC UNDER CONT. NO. 14-3580-D;
 DANIELS MILL OVERLOOK, SECTION 3, AREA 3.
 (SEE SHEET 5 FOR PLAN VIEW)

PLAN REFERENCE NUMBERS:
 F90-73

GENERAL NOTES

- 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 IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
- ALL VERTICAL CONTROLS ARE BASED ON U.S.C.S. DATUM.
- ALL PIPE ELEVATIONS ARE INVERT ELEVATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES BY 2'-0" MINIMUM.
- 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 (1991 AMENDMENTS) THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB SITE.
- WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL \square 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 VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION. ANY DAMAGE TO EXISTING FACILITIES DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
 - STATE HIGHWAY ADMINISTRATION - 531-5533
 - BALTIMORE GAS & ELECTRIC CO. - CONTRACTOR SERVICES - 850-4620
 - BALTIMORE GAS & ELECTRIC CO. - UNDER GROUND DAMAGE CONTROL - 787-9068
 - MISS UTILITY - 1-800-257-7777
 - COLONIAL PIPELINE CO. - 795-1390
 - BUREAU OF UTILITIES, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 313-4900
- 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 BY THE CONTRACTOR.
- 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.
- ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- T.B. DENOTES TEST BORING.
- MANHOLES SHOWN WITH 12" AND 18" WALLS ARE FOR BRICK MANHOLES ONLY.
- MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATER-TIGHT FRAME AND COVERS, STANDARD DETAIL G 5.52.
- WHERE WATER-TIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS.
- HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT THE CELLAR CANNOT BE SERVED.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING, UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS.
- MANHOLES LOCATED WITHIN THE PROPOSED ROADWAY SHALL HAVE STANDARD HEAVY TRAFFIC MANHOLE FRAMES AND COVERS, STANDARD DETAIL G5.51.
- WATER MAINS AND WATER HOUSE CONNECTION LINES MUST BE PLACED AS TO HAVE ONE (1) FOOT SEPARATION FROM THE SEWER MAIN OR SEWER HOUSE CONNECTION AS THEY PASS ABOUT IT.
- ALL WATER MAINS SHALL BE D.I.P., CLASS 52 UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-1/2" COVER UNLESS OTHERWISE NOTED.
- VALVES ADJACENT TO TREES SHALL BE STRAPPED TO TREES.
- 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 ELEVATION SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE RESTRAINED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS (W11 AND W23). SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND 1005 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- ALL D.I.P. FITTINGS SHALL BE IN ACCORDANCE WITH AWWA SPECIFICATIONS C-153; DUCTILE IRON COMPACT FITTINGS, 3-INCH THROUGH 12-INCH FOR WATER AND OTHER LIQUIDS.
- THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, @ (410) 313-2450 AT LEAST FIVE 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.

DEVELOPER'S CERTIFICATION

"I/WE HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

Rudolf K. Reichel FOR: Ryland Homes, Inc. 04/15/98
 SIGNATURE OF DEVELOPER DATE

ENGINEER'S CERTIFICATION

"I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

Michael J. McCann 2-23-98
 SIGNATURE OF ENGINEER DATE

F 90-73

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Clayton Simmons 8/11/98
 U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY HOWARD COUNTY SOIL CONSERVATION DISTRICT.

APPROVED:
John R. Robertson 8/11/98
 HOWARD COUNTY SOIL CONSERVATION DISTRICT DATE

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL & STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS AS SHOWN ON THESE PLANS

Rudolf K. Reichel FOR: Ryland Homes, Inc. 04/15/98
 SIGNATURE OF DEVELOPER DATE

BENCHMARKS

| | |
|--|------------------|
| BENCHMARK No. 1 | ELEV. = 481.10 |
| # EXISTING MANHOLE RIM No. 1 (CONT.#10-1352-D) | |
| N 534,318.030000 | E 851,445.348000 |
| BENCHMARK No. 2 | ELEV. = 407.75 |
| HUB WITH STAKE MARKED "TRAVERSE PT. No. 126" | |
| N 536,742.360000 | E 851,706.870000 |

CONTRACT No. 14-3672-D

DANIELS MILL OVERLOOK

SECTION 3 , AREA 2

LOT NOS. 277-310

WATER AND SEWER MAIN EXTENSIONS

HOWARD COUNTY, MARYLAND

CONTRACT NO. 14-3672-D
 DANIELS MILL OVERLOOK
 SECTION 3, AREA 2
 LOT NOS. 277 - 310
 WATER AND SEWER MAIN EXTENSIONS
 HOWARD COUNTY, MARYLAND

| | | | | | |
|---|--|---|---|---|--|
| DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>Robert M. Beisinger</i> 8-5-98 CHIEF, BUREAU OF UTILITIES DATE | DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND <i>Michael J. McCann</i> 8/15/98 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE | FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS CENTENNIAL SQUARE OFFICE PARK 10272 BALTIMORE NATIONAL PIKE ELLKOTT CITY, MARYLAND 21042 (410) 461-2855 TERRELL A. FISHER | DESIGNED BY: M.J.M. DRAWN BY: J.A.W./L.M. CHECKED BY: M.J.M. DATE: JUNE, 1998 BY NO. 1 AS-BUILT CONDITIONS ADDED TO PLAN REVISION DATE | TITLE SHEET 600' SCALE MAP NO. 17 & 18 - BLOCK NO. 12 F.C.C. WORK ORDER NO. 30524 FILE NAME: DANIELS MILL OVERLOOK/3/2 | DANIELS MILL OVERLOOK SECTION 3, AREA 2 LOT NOS. 277 - 310 CONTRACT NO. 14-3672 -D SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND SCALE AS SHOWN |
|---|--|---|---|---|--|