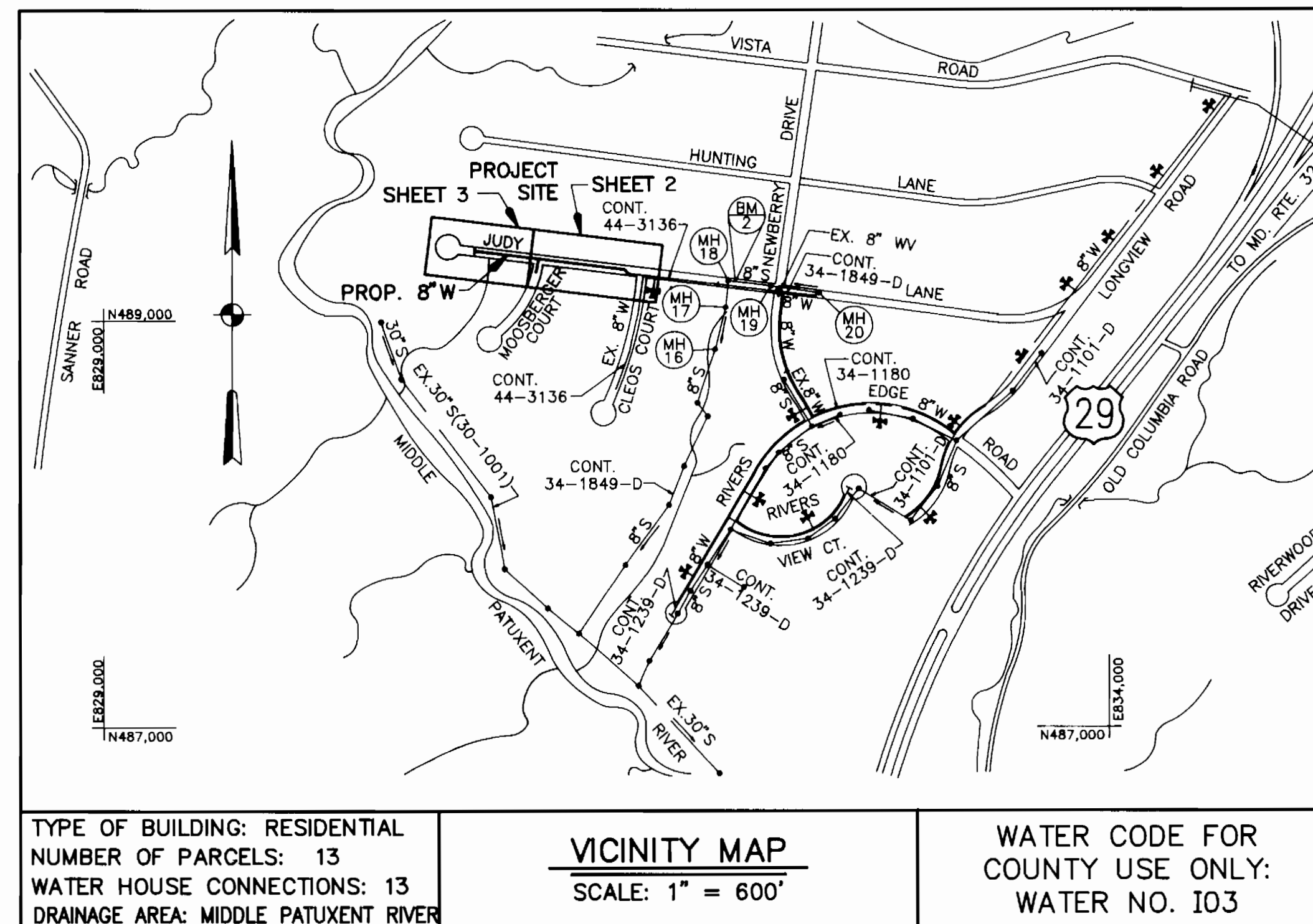


# JUDY LANE WATER MAIN EXTENSION HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS

ITEM	QUANTITIES		TYPE MATERIAL	SUPPLIER
	ESTIM.	AS BUILT		
8" WATER	1,163 LF			
8" VALVE (RSGV)	2 EA			
6" FIRE HYDRANT	2 EA			
8" X 8" TEE	1 EA			
8" X 6" TEE	2 EA			
8" CAP & BUTTRESS	2 EA			
6" VALVE	2 EA			
3/4" WATER HOUSE CONNECTION	346 LF			

**NOTE:**  
SEDIMENT CONTROL TO BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE STDS. B SPECS. (VOL. IV) OF THE HOWARD COUNTY DESIGN MANUAL AND THESE PLANS."



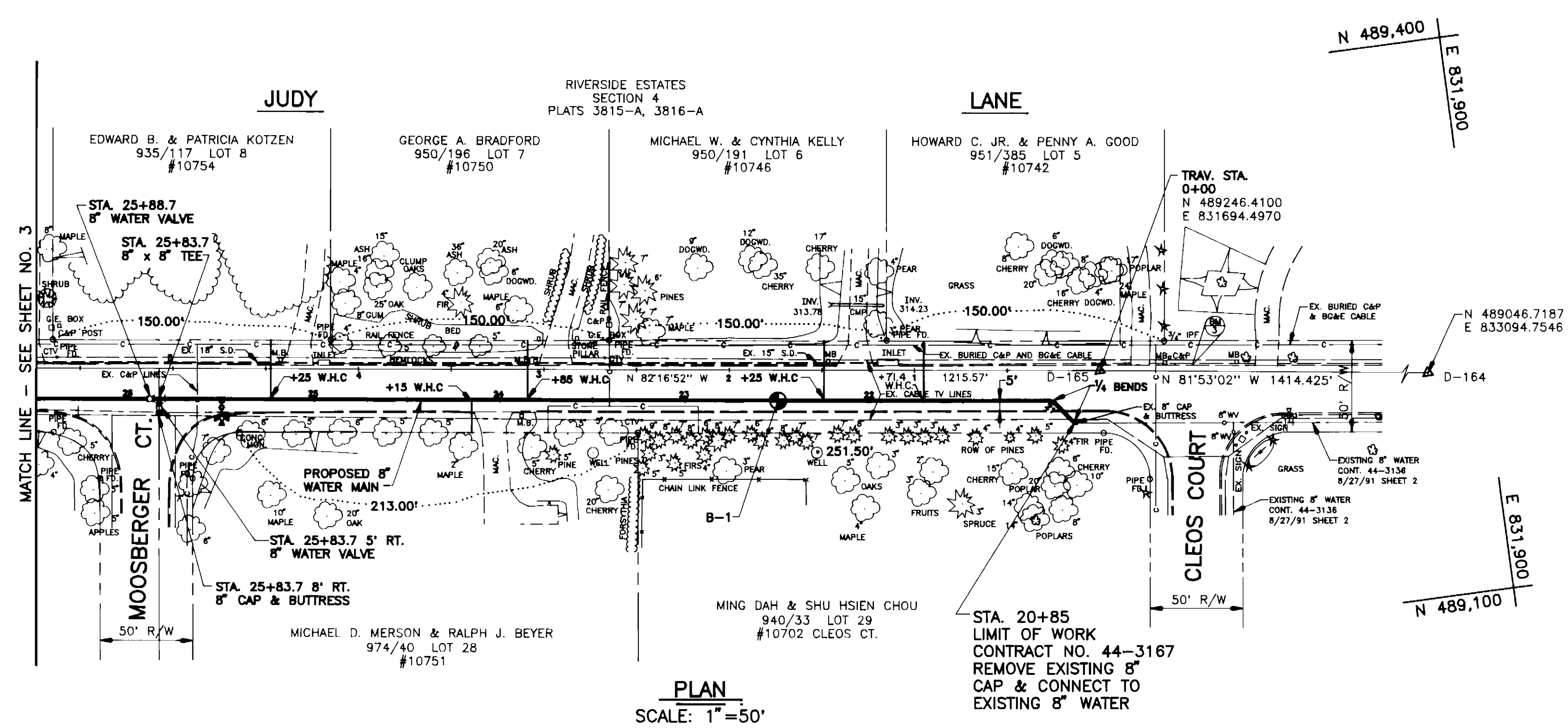
**GENERAL NOTES:**

1. APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS, SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
2. ALL HORIZONTAL CONTROLS BASED ON MARYLAND STATE COORDINATES.
3. ALL VERTICAL CONTROLS BASED ON U.S.G.S. DATUM.
4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
5. 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 THE 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.
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 ON THE JOB.
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 RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TESTS HAVE NOT BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.
8. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) WORK DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:  
BALTO. GAS & ELECTRIC CO.- CONTRACTOR SERVICE 850-4620  
BALTO. GAS & ELECTRIC CO.- UNDERGROUND DAMAGE CONTROL 859-9004  
BALTO. GAS & ELECTRIC CO.- TROUBLE SHOOTING 298-9001  
MISS UTILITY- 1-800-257-7777  
BUREAU OF UTILITIES, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS- 313-4900  
CHESAPEAKE AND POTOMAC TELEPHONE CO.- 597-8585
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 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. ALL WATER MAINS SHALL BE CLASS 52 DUCTILE IRON PIPE. TOPS OF ALL WATER MAINS ARE TO HAVE A MINIMUM COVER OF 3.5' UNLESS OTHERWISE NOTED.
12. WATER VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
13. 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 1003 FROM THE STANDARD SPECS.
14. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM. CALL HOWARD COUNTY BUREAU OF UTILITIES AT 313-4900. COORDINATE TIE-IN TO THE EXISTING 8" WATER AT LEAST FIVE WORKING DAYS PRIOR TO SCHEDULING. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING, UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS.
15. EXCAVATED TRENCH LENGTH WILL BE LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN BE BACKFILLED AND STABILIZED IN ONE DAY, WHICHEVER IS SHORTER.
16. THE CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT CONTROL MEASURES ON SHEET 4.
17. ALL WATER HOUSE CONNECTIONS ARE TO BE 3/4" UNLESS NOTED OTHERWISE.

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
2	PLAN & PROFILE JUDY LANE
3	PLAN & PROFILE JUDY LANE
4	SEDIMENT CONTROL MEASURES & TRAVERSE INFO.

DEVELOPER'S CERTIFICATION	
<p>"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY 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."</p>	
<p style="text-align: right;"><i>[Signature]</i> SIGNATURE OF DEVELOPER PRINT NAME BELOW SIGNATURE</p>	<p style="text-align: center;">DATE: 1-31-92</p>
ENGINEER'S CERTIFICATION	
<p>"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 COUNTY SOIL CONSERVATION DISTRICT."</p>	
<p style="text-align: right;"><i>[Signature]</i> WALLACE, MONTGOMERY &amp; ASSOCIATES 1544 YORK ROAD LUTHERVILLE, MARYLAND 21093 (301) 494-9093</p>	<p style="text-align: center;">REVIEWED FOR HOWARD COUNTY S.C.D. MEETS TECHNICAL REQUIREMENTS. DATE: 3/3/92 DATE: 1-30-92 DATE: 1-30-92</p>

N 489,400  
E 831,000



STA 22+25 RT; STA 23+85 RT; STA 24+71.4 RT.  
STA 24+15 LT; STA 25+25 RT  
INSTALL 146 L.F. 3/4" WATER HOUSE CONNECTION  
PLACE BALL VALVE AT RIGHT OF WAY LINE  
HOWARD COUNTY STD. NO. (W 3.21)

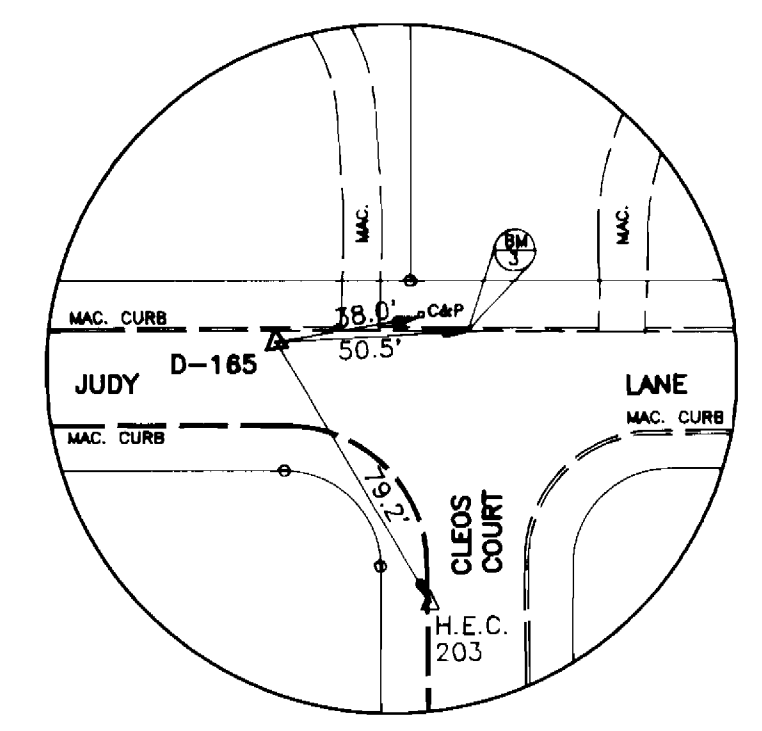
BENCH MARK NO. 3: R.R. SPIKE IN MAC.  
ELEV. 324.32

BORING	LOCATION	DEPTH
B-1	STA. 22+50	6'

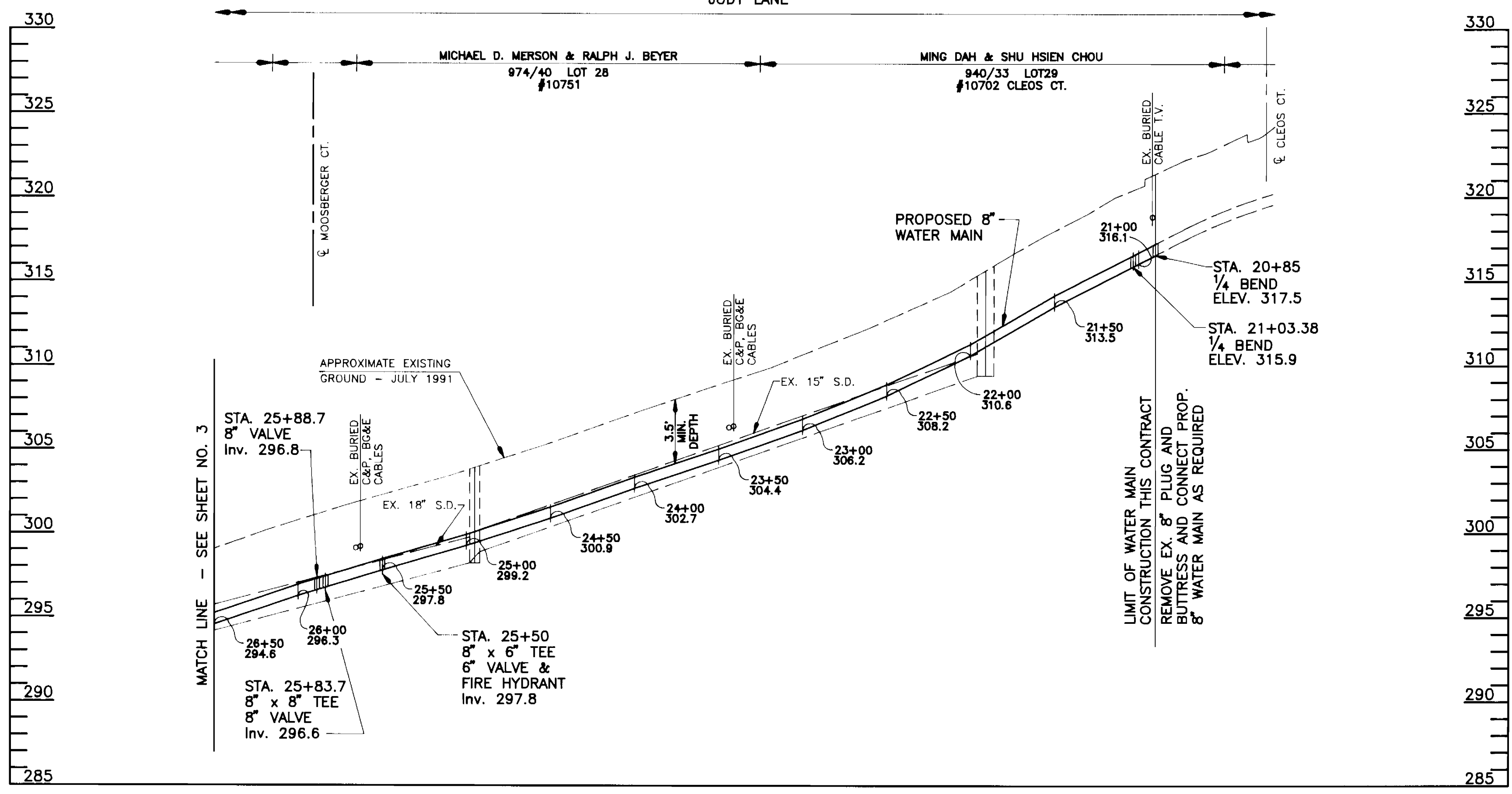
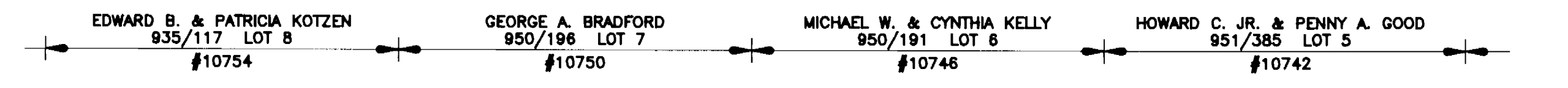
STA 25+50  
8" x 6" TEE  
6" VALVE - 2.0' LT.  
6" F.H. - 10.0' LT.  
BURY LINE ELEV. 301.8 (4.0' BURY)  
HOWARD COUNTY STD. NO. (W 1.11)

WATER MAIN STAKEOUT

TRAV. STATION	OFFSET	DESCRIPTION
0+13.6	28.2' LT.	STA. 20+85 1/4 BEND
0+25.4	16.4' LT.	STA. 21+03.38 1/4 BEND
1+48.7	16.4' LT.	STA. 22+25 WHC
3+08.7	16.4' LT.	STA. 23+85 WHC
3+38.7	16.5' LT.	STA. 24+15 WHC
4+48.7	16.5' LT.	STA. 25+25 WHC
4+73.7	16.5' LT.	STA. 25+50 FH TEE
5+07.4	16.5' LT.	STA. 25+83.7 8"x8" TEE
5+12.7	16.5' LT.	STA. 25+88.7 8" W.V.
0+95.1	16.4' LT.	STA. 21+71.4 WHC



TRAVERSE POINT D-165  
▲ D-165 IS A P.K. NAIL



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

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
2-12-92  
2-19-92

WALLACE, MONTGOMERY & ASSOCIATES  
1544 YORK ROAD  
LUTHERVILLE, MARYLAND 21093  
(301) 494-9093  
1-30-92

DES: DMA					
DRN: JAD					
CHK: DMA					
DATE: 11/13/91	BY NO.	REVISION	DATE	600' SCALE MAP NO. 41	BLOCK NO.

PLAN & PROFILE  
JUDY LANE

JUDY LANE WATER EXTENSION  
CAPITAL PROJECT W-8691  
CONTRACT NO. 44-3167  
ELECTION DISTRICT NO. 5  
HOWARD COUNTY, MARYLAND

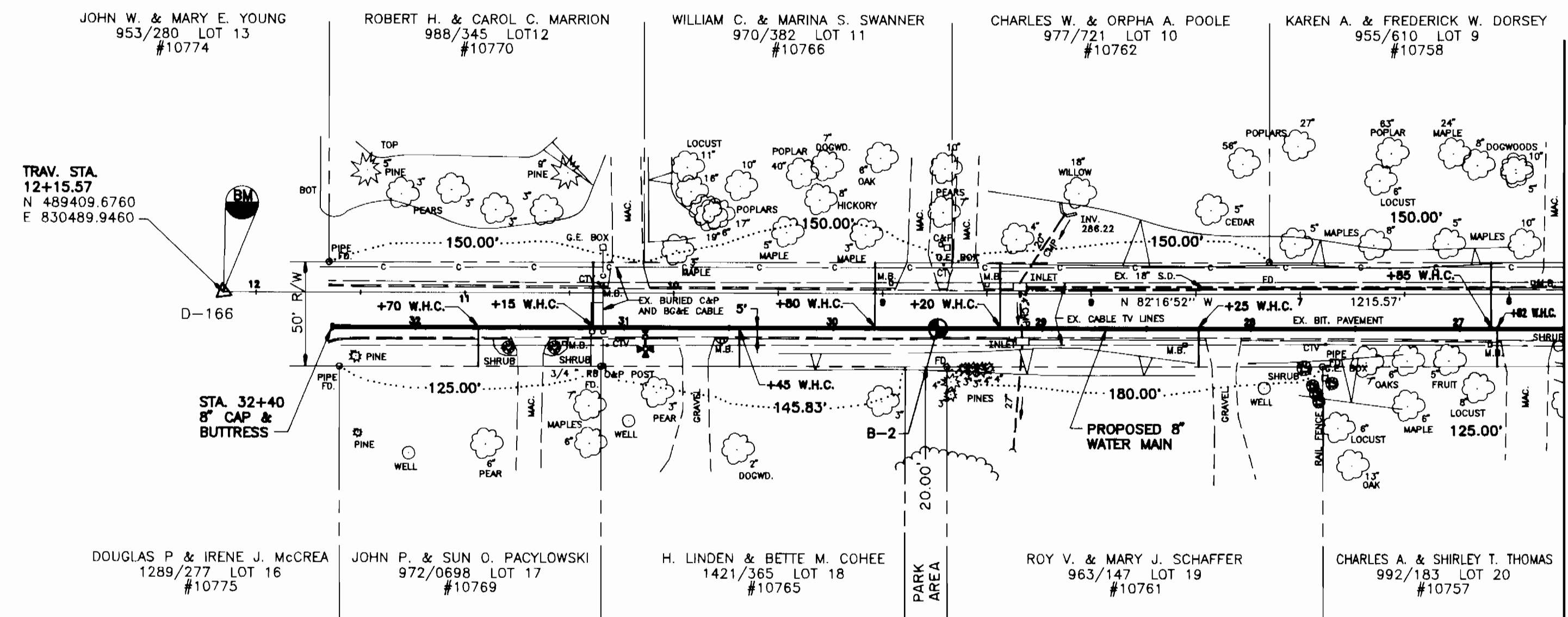
SCALE AS SHOWN  
SHEET 2 OF 4

BENCH MARK D-166: P.K. NAIL IN PAVEMENT  
ELEV. 296.91  
TRAVERSE STA. 12+15.57

RIVERSIDE ESTATES  
SECTION 4  
PLAT 3815-A

JUDY

LANE

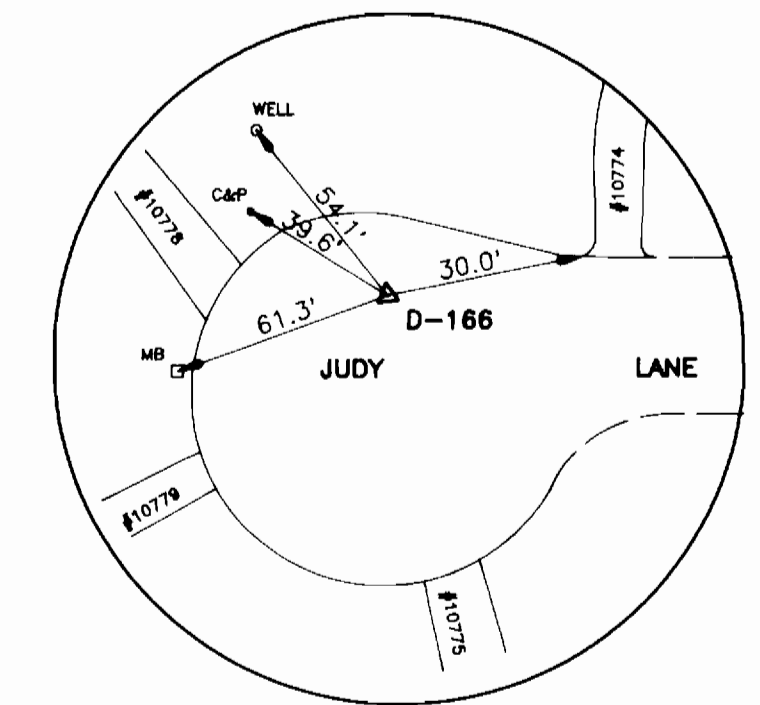


PLAN  
SCALE: 1"=50'

STA 26+82 LT; STA 26+85 RT;  
STA 28+25 LT; STA 29+20 RT;  
STA 29+80 RT; STA 30+45 LT;  
STA 31+15 RT; STA 31+70 LT  
INSTALL 200 L.F. 3/4" WATER HOUSE CONNECTION  
PLACE BALL VALVE AT RIGHT OF WAY LINE  
HOWARD COUNTY STD. NO. (W 3.21)

BORING	LOCATION	DEPTH
B-2	STA. 29+50	6'

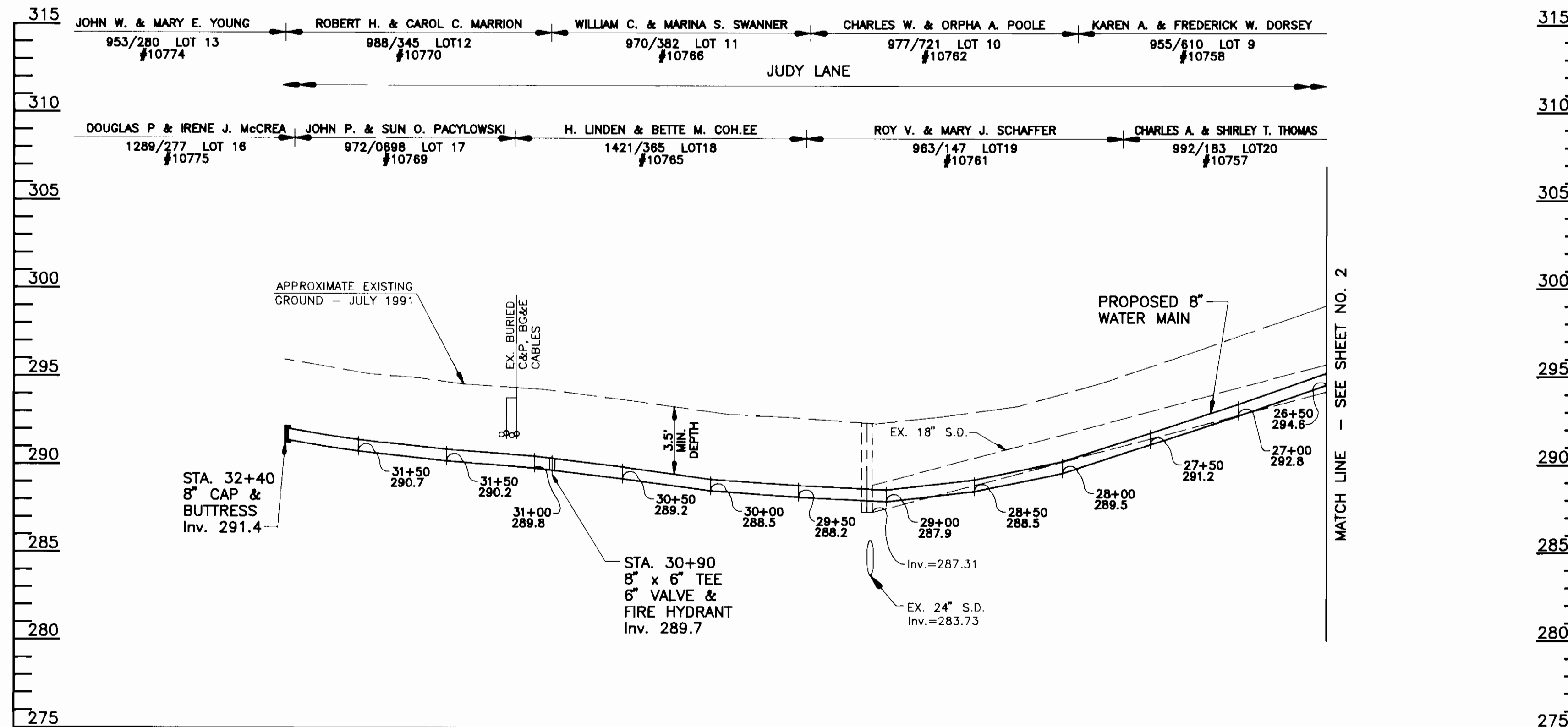
STA 30+90  
8" x 6" TEE  
6" VALVE - 2.0' LT.  
6" F.H. - 8.0' LT.  
BURY LINE ELEV. 294.6 (5.0' BURY)  
HOWARD COUNTY STD. NO. (W 1.11)



TRAVERSE POINT D-166  
Δ D-166 IS A P.K. NAIL

WATER MAIN STAKEOUT

TRAV. STATION	OFFSET	DESCRIPTION
6+05.7	16.5' LT.	STA. 26+82 WHC
6+08.7	16.5' LT.	STA. 26+85 WHC
7+48.7	16.5' LT.	STA. 28+25 WHC
8+43.7	16.5' LT.	STA. 29+20 WHC
9+03.7	16.6' LT.	STA. 29+80 WHC
9+68.7	16.6' LT.	STA. 30+45 WHC
10+13.7	16.6' LT.	STA. 30+90 FH TEE
10+38.7	16.6' LT.	STA. 31+15 WHC
10+93.7	16.6' LT.	STA. 31+70 WHC
11+63.7	16.6' LT.	STA. 32+40 CAP & BUTTRESS



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

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

WALLACE, MONTGOMERY  
& ASSOCIATES

1544 YORK ROAD  
LUTHERVILLE, MARYLAND 21093  
(301) 494-9093

DES: DMA

DRN: JAD

CHK: DMA

DATE: 11/13/91

PLAN & PROFILE  
JUDY LANE

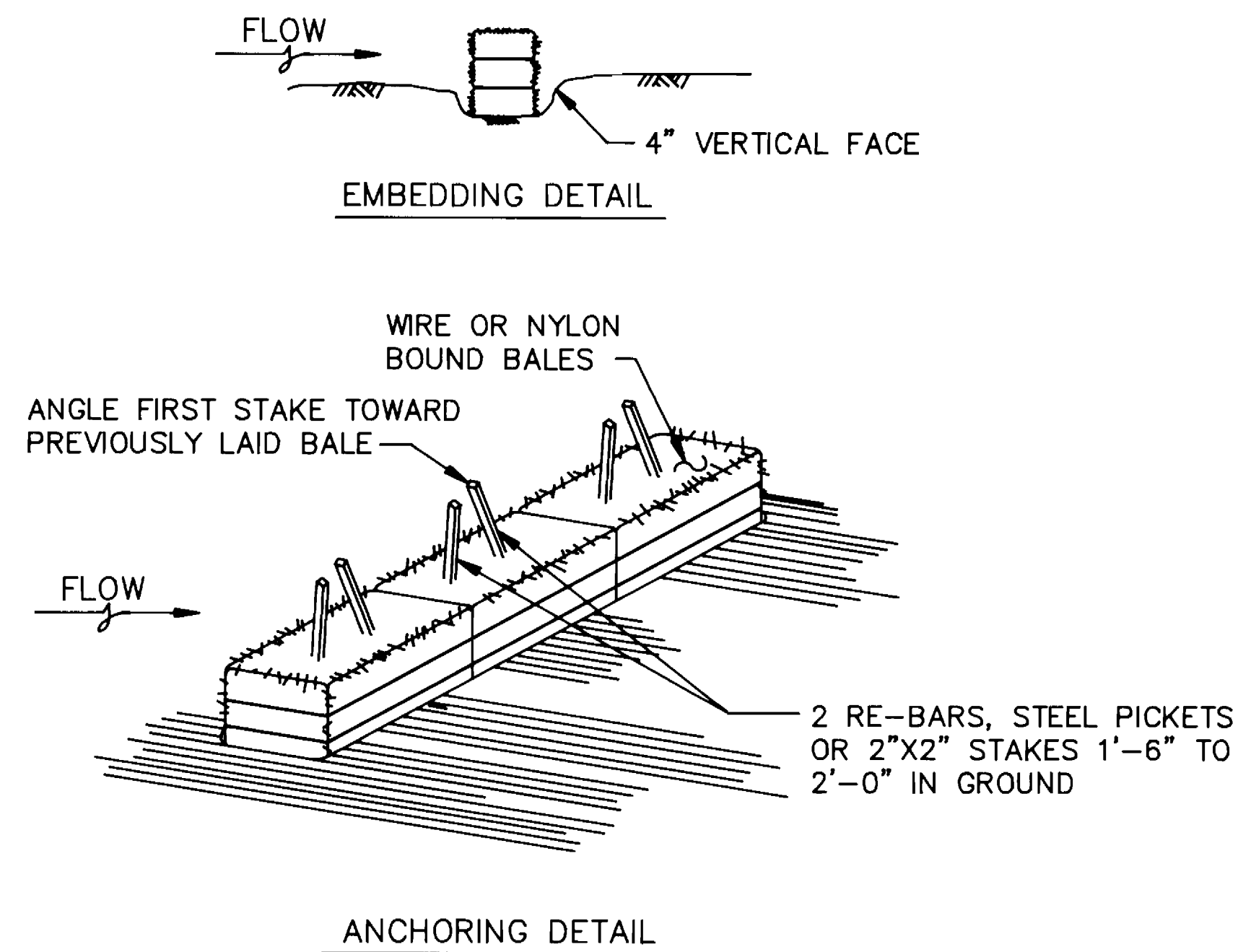
JUDY LANE WATER EXTENSION  
CAPITAL PROJECT W-8691  
CONTRACT NO. 44-3167  
ELECTION DISTRICT NO. 5  
HOWARD COUNTY, MARYLAND

SCALE  
AS  
SHOWN

SHEET  
3 OF 4

[Signature] 2-19-92  
 DIRECTOR OF PUBLIC WORKS  
 [Signature] 1-30-92  
 CHIEF, BUREAU OF ENGINEERING  
 [Signature] 1-30-92  
 CHIEF, UTILITY DESIGN DIVISION

BY NO. REVISION DATE 600' SCALE MAP NO. 41 BLOCK NO.



**CONSTRUCTION SPECIFICATIONS**

- BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
- EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4".
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR RE-BARS DRIVEN THRU THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
- INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

STANDARD SYMBOL - \_\_\_\_\_ S.B.D. \_\_\_\_\_

**STRAW BALE DIKE DETAIL**

NOT TO SCALE

**SEQUENCE OF CONSTRUCTION**

- CONTACT HOWARD COUNTY CONSTRUCTION INSPECTION DIVISION 48 HOURS PRIOR TO COMMENCING WORK AT 792-7272.
- INSTALL SEDIMENT CONTROL DEVICE (STRAW BALES) PERPENDICULAR TO THE CURB ON THE DOWN-SLOPE SIDE OF CONSTRUCTION.
- SAW CUT AND EXCAVATE DITCH TO THE GRADE SPECIFIED ON THE PROFILE.
- INSTALL WATER MAIN.
- BACKFILL TRENCH AND RESURFACE WITH TEMPORARY BITUMINOUS PAVING.
- CLEAN UP CONSTRUCTION SITE.
- REMOVE SEDIMENT CONTROL DEVICES.

RESTORATION SCHEDULE		
LOCATION	LENGTH	MATERIAL
STA. 20+85 TO STA. 20+94	9'	SOD
STA. 20+94 TO STA. 32+40	1146'	BITUMINOUS PAVEMENT
STA. 25+50 10' LT.	10.0'	PAVEMENT AND SOD
STA. 25+89 8' LT.	8'	BITUMINOUS PAVEMENT
STA. 30+90 8' LT.	8.0'	PAVEMENT AND SOD

TRAVERSE DESCRIPTION				
POINT NO.	NORTH	EAST	BEARING	DISTANCE
D-164	489046.7187	833094.7546	N 81° 53' 02" W	1414.43'
D-165	489246.4100	831694.4970	N 82° 16' 52" W	1215.57'
D-166	489409.6760	830489.9460		

**PERMANENT SEEDING NOTES**

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

**SEEDBED PREPARATION:** LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

**SOIL AMENDMENTS:** IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- PREFERRED** - APPLY 2 TONS PER ACRES DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ. FT.)
- ACCEPTABLE** - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL.

**SEEDING** - FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 80 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, AS POSSIBLE IN THE SPRING, OPTION (2) USE SOD. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

**MULCHING** - APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

**MAINTENANCE** - INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

**TEMPORARY SEEDING NOTES**

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

**SEEDBED PREPARATION** - LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

**SOIL AMENDMENTS** - APPLY 60 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.).

**SEEDING** - FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (0.07 LBS/1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

**MULCHING** - APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FT OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

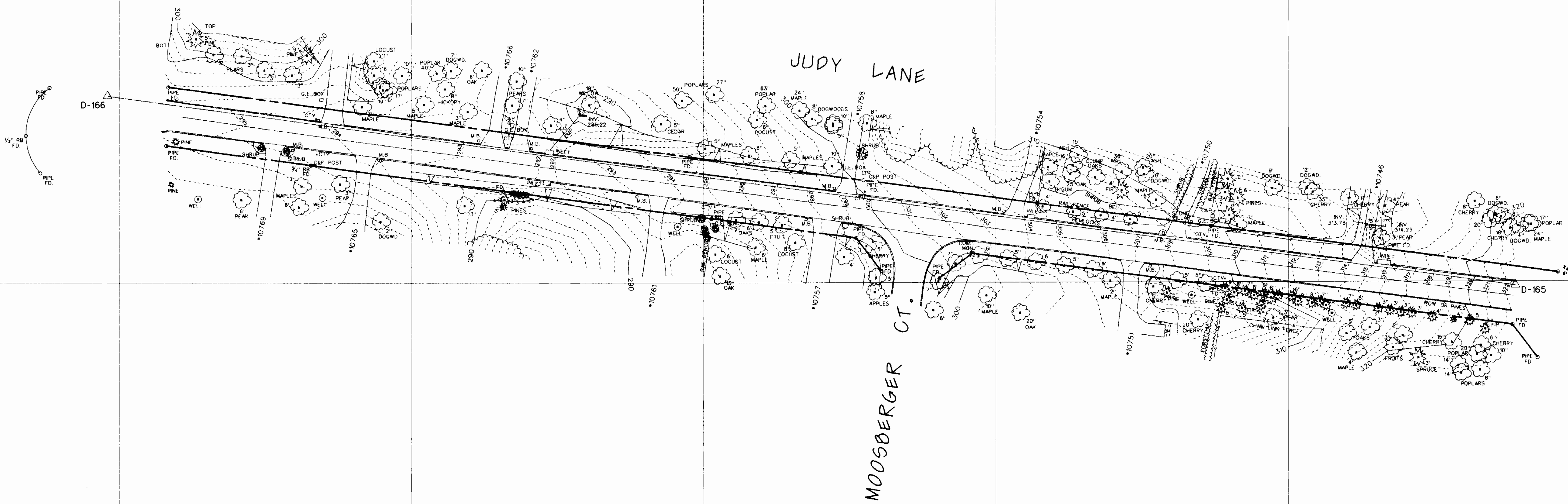
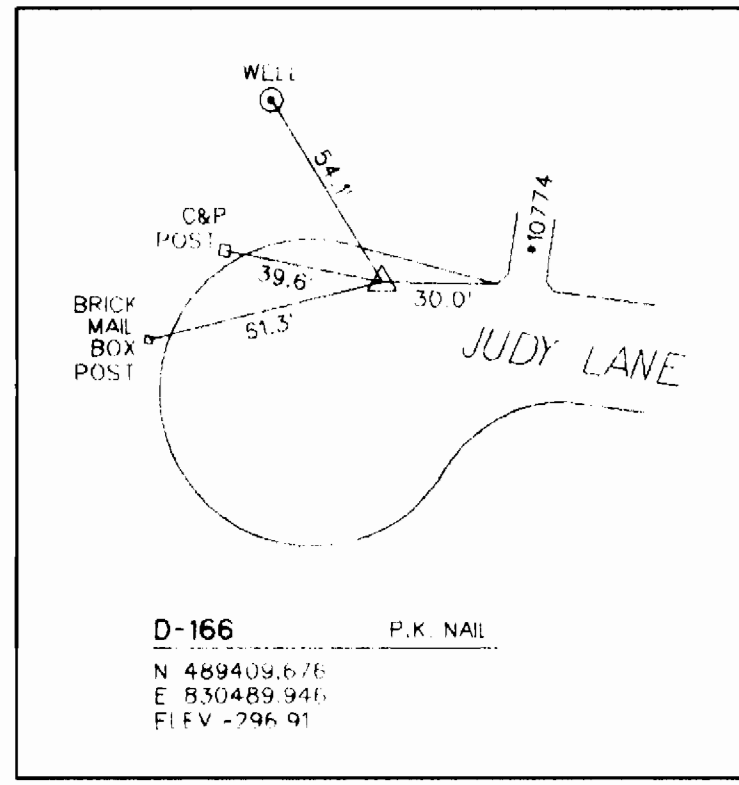
REFER OT THE "1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" FOR RATE AND METHODS NOT COVERED.

**SEDIMENT CONTROL NOTES**

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (880-3450)
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH SEC. 219 OF THE HOWARD COUNTY STANDARDS AND SPECIFICATIONS.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE "1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" FOR PERMANENT SEEDINGS (SEC. 51) SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:**  
 TOTAL AREA OF SITE 2.4 ACRES  
 AREA DISTURBED 0.0938 ACRES  
 AREA TO BE ROOFED OR PAVED 0.0827 ACRES  
 AREA TO BE VEGETATIVELY STABILIZED 0.0110 ACRES  
 TOTAL CUT 592 CU. YDS.  
 TOTAL FILL 592 CU. YDS.  
 OFFSITE WASTE/BORROW AREA LOCATION NONE
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- ALL TRENCH MATERIAL SHOULD BE PLACED ON THE HIGHER SIDE OF THE TRENCH, ABOVE THE TOP-OF-CURB.

E 830250 E 830500 E 830750 E 831000 E 831250 E 831500 E 831750

N 489750  
N 489500  
N 489250  
N 489000  
N 488750

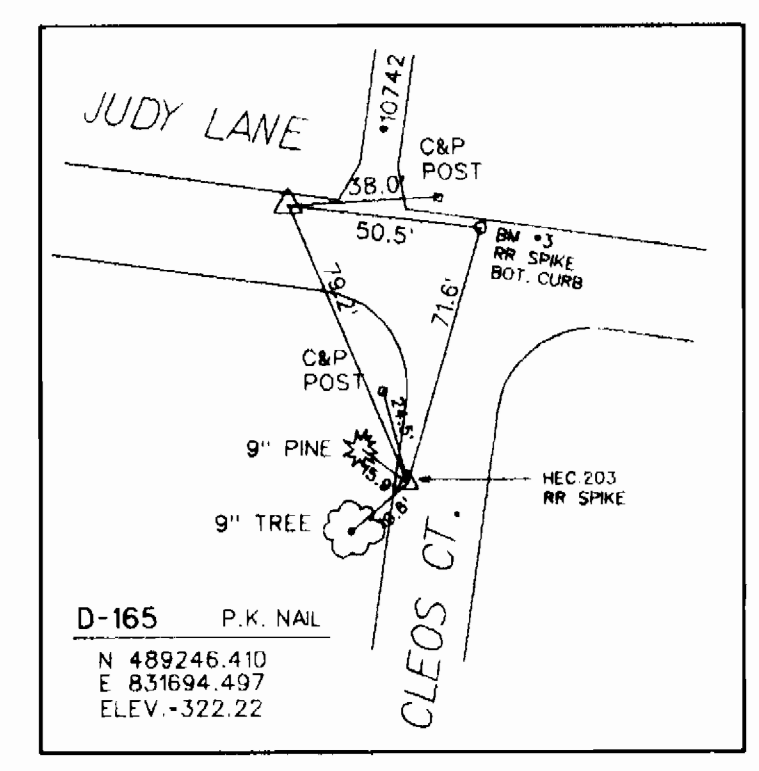
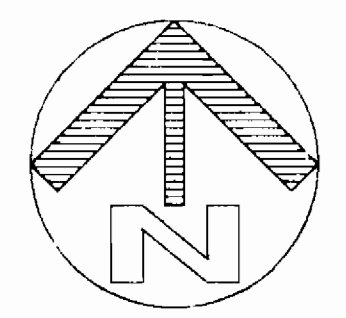


GENERAL NOTES :

- LEGEND :
- R/W LINE, LOT LINE
  - CENTER LINE ROAD
  - EDGE OF PAVING
  - CONC. CURB
  - EDGE OF TREE LINE
  - HEDGE ROW
  - EXISTING FENCE
  - SLOPE

- TREE
- ★ EVERGREEN TREE
- SHRUB
- <sub>IP</sub> IRON PIPE FOUND
- <sub>TV</sub> CABLE T.V. T
- <sub>C&P</sub> C&P POST
- <sub>GE</sub> G.E. BOX
- <sub>MB</sub> MAIL BOX

REVISION	DATE



PROJECT NAME :  
\* TOPOGRAPHY \*  
JUDY LANE  
HOWARD COUNTY, MARYLAND.  
SCALE : 1" = 50'  
DATE : SEPT. 24, 1991

PREPARED BY :  
SURVEY / DRAFTING DIVISION  
D.P.W. / BUREAU OF ENGINEERING  
HOWARD COUNTY, MARYLAND.

JOB NO. : 91024  
FIELD BOOK NO. : 286  
INTER. FILE ID : JUDY  
CAD OPER. : Y.P.