#### GENERAL NOTES

- 1. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES AND SERVICES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR EXPENSE.
- 2. ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
- 3. ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATA NGVD29
- 4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS.
- 5. CLEAR ALL UTILITIES BY A MINIMUM OF 12". 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
- 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 (LATEST EDITION). 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 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 UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

AT&T.....410-865-3803 BG&E (CONTRACTOR SERVICES)......410-850-4620 BG&E - UNDERGROUND DAMAGE CONTROL.....410-787-9068 BUREAU OF UTILITIES (DPW)......410-313-4900 VERIZON. .....1-800-743-0033 / 410-224-9210 COLONIAL PIPELINE CO. ......410-795-1390

REMOVED OR DAMAGED BY THE CONTRACTOR.

MISS UTILITY .....1-800-257-7777 STATE HIGHWAY ADMINISTRATION .....410-531-5533

9. TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE

- 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 WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/JACKING OPERATION IN COUNTY ROADS FOR LAYING WATER MAINS, SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE, WITH DPW REQUIREMENTS PER SECTION 18.114(a) OF THE HOWARD
- 12. ALL DUCTILE IRON PIPES TO BE USED ON THE PUBLIC WATER SYSTEM SHALL BE CLASS 54. DUCTILE IRON FITTINGS SHALL MEET THE REQUIREMENTS OF THE HOWARD COUNTY DESIGN MANUAL VOLUME IV-STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION AND SHALL BE EXTERIOR EPOXY COATED IN ACCORDANCE WITH AWWA C116.
- 13. ALL WATER HOUSE CONNECTIONS SHALL BE COPPER MEETING THE REQUIREMENTS OF AND CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL VOLUME IV-STANDARD
- 14. ALL FIRE HYDRANT LEADS INCLUDING THE TEE SHALL BE DUCTILE IRON CLASS 54 MEETING THE REQUIREMENTS OF AND CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL VOLUME IV-STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
- 15. ALL WATER MAINS CONSTRUCTED IN FILL AREAS SHALL BE RESTRAINED DUCTILE IRON PIPE CLASS 54 MEETING THE REQUIREMENTS OF AND CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL VOLUME IV-STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
- 16. ALL WATER MAINS WITHIN CASING PIPES SHALL BE RESTRAINED DUCTILE IRON PIPE CLASS 54 MEETING THE REQUIREMENTS OF AND CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL VOLUME IV-STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
- 17. THE FOLLOWING NOTE IS ADDED TO HOWARD COUNTY STANDARD DETAIL W2.22, BUTTRESSES AND ANCHORAGES FOR VERTICAL BENDS. WHEN ANCHORING PVC PIPE, THE STRAPPING IN CONTACT WITH THE PIPE SURFACE SHALL BE 1-INCH WIDE BY 1/4-INCH THICK STEEL. THE REMAINING ON OF THE STRAP SHALL BE REINFORCING BAR SIZED IN ACCORDANCE WITH THE PERTINENT CHART SHOWN ON THE DETAIL.
- 18. EXCEPT AS INDICATED ON THE PLANS AND NOTED ABOVE, ALL PUBLIC WATER MAINS SHALL BE POLYVINYLCHLORIDE (PVC) PIPE MEETING THE REQUIREMENTS OF AWWA C900 DR18, PRESSURE CLASS 150 AND THE HOWARD COUNTY DESIGN MANUAL VOLUME IV-STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION AND ALL SUBSEQUENT AMENDMENTS THERETO.
- 19. TOPS OF ALL WATER MAINS SHALL HAVE A MINIMUM OF 3'-6" OF COVER UNLESS OTHERWISE NOTED. 20. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- 21.ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- 22.FIRE HYDRANTS SHALL BE SET TO BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DETAILS. THE SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND SECTION 1005 OF THE STANDARD SPECIFICATIONS.

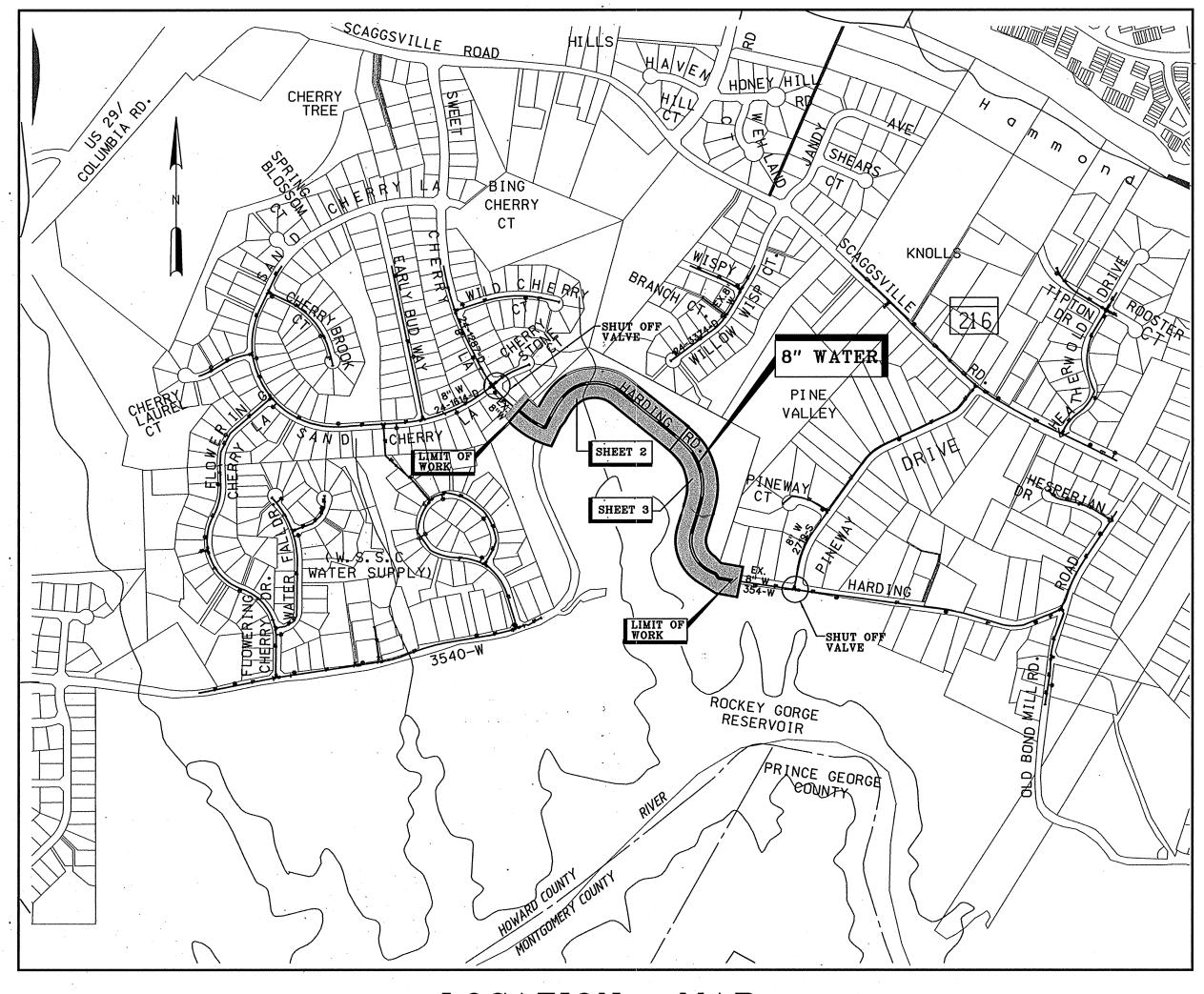
OF THE IMPENDING SERVICE INTERRUPTION AT LEAST 72 HOURS IN ADVANCE OF THE

- 23. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM. 24. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE VARIOUS BUSINESSES AND COORDINATING HIS WORK ACTIVITIES SO AS NOT TO NEGATIVELY IMPACT CONNECTED CUSTOMERS. THE REHABILITATION OF WATER MAIN SHALL CAUSE A MINIMUM DISTURBANCE TO THE EXISTING BUSINESSES AND NOTIFICATION TO THE BUSINESS OF ANY "INTERRUPTION OF SERVICE" SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE COUNTY REQUIRES THAT THE CONTRACTOR NOTIFY EACH BUSINESS AFFECTED BY LETTER OR DOOR TAGS
- PLANNED INTERRUPTION. 25. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF UTILITIES HOWARD COUNTY. 15 DAYS PRIOR TO WATER MAIN SHUT DOWNS.
- 26. THE CONTRACTOR SHALL RETURN ALL SALVAGED FIRE HYDRANTS, FRAMES AND COVERS, VALVES, ROADWAY BOXES TO THE BUREAU OF UTILITIES AT 8250 MONTGOMERY RD, COLUMBIA, MD 21045.
- 27. THE CONTRACTOR SHALL PROVIDE SURVEY CONSTRUCTION STAKEOUT FOR ALL NECESSARY LINES. GRADES AND ELEVATION OF THE PROPOSED FACILITIES.
- 28. WATER MAINS SHALL BE FILLED WITH WATER AND BROUGHT TO 200psi FOR 2 HOURS, VARYING ± 5psi. SEE SPECIFICATIONS D-19.

# HARDING ROAD WATER MAIN LOOP HOWARD COUNTY, MARYLAND

# DEPARTMENT OF PUBLIC WORKS

CAPITAL PROJECT No. W-8251 CONTRACT No. 44-4102



LOCATION SCALE: 1"= 600'

TYPE OF BUILDING: NUMBER OF PARCELS: NUMBER OF WATER HOUSE CONNECTIONS: N/A MIDDLE PATUXENT DRAINAGE AREA: PRESSURE ZONE: 550

850

WATER TEST GRADIENT

FOR COUNTY USE ONLY WATER CODE. E18

HOWARD COUNTY GEODETIC SURVEY CONTROL

THE HORIZONTAL AND VERTICAL DATUM BASED ON NAD83(91) (HORIZONTAL) NGVD29 (VERTICAL)

NO. BAS8 N 538992.730 E 1340077.863 ELEV. 436.37 NO. 46C3

N 537405.865 E 1347556.237 ELEV. 334.57

INDEX OF SHEETS

DESCRIPTION SHEET No.

..TITLE SHEET

.. 8" WATER MAIN PLAN AND PROFILE STA. 0+00 TO STA. 13+50

.8" WATER MAIN PLAN AND PROFILE STA. 13+50 TO STA. 24+54

4 ..... EROSION & SEDIMENT CONTROL, NOTES & DETAILS

SURVEY AND DRAFTING DIVISION

EXISTING FIRE HYDRANT

EXISTING VALVE

-c-----c- EXISTING BURIED SERVICE CABLE WIRE

-OH- EXISTING OVERHEAD

EXISTING COLONIAL

PIPELINE MARKER

-W----W- EXISTING WATER MAIN

-G----G-- EXISTING GAS MAIN

SERVICE

		·								
QUANTITIES										
ITEM	UNIT	ESTIMATE		AS-BUILT	MATERIAL SUPPLIER					
8" PVC WATER	L.F.	2460′		2462'	BRISTOLPIPE C-900(JM Mfg					
8" VALVE	EACH	4		4	MUELLER					
6" VALVE	EACH	5		5	MUELLER					
FH	EACH	5		5	MUELLER					
1"AIR RELEASE & VAULT	EACH	1		1	MUELLER					
				,						
NAME OF UTILITY CONTRACTOR: JACOBONI SITE SPECIALISTS										
CHECKBOX										
6				AS-BUILT DATE: "						

RESTORATION SCHEDULE							
LOCATION	DISTANCE	TYPE					
STA. 0+00-2+00	200	SEED & MULCH					
STA. 2+00-23+98	2198	ASPHALT					
STA. 23+98 STA. 24+54	56	SEED & MULCH					

#### **LEGEND**

DECIDUOUS TREE CONIFEROUS TREE

TRAVERSE POINT

WATER MAIN FIRE HYDRANT

WATER HOUSE CONNECTION

---- LOD --- LIMIT OF DISTURBANCE

#### SUGGESTED VALVE SEQUENCE

- 1. CONSTRUCT WATER MAIN.
- 2. TEST WATER MAIN.
- 3. CLOSE VALVE 'A' AND VALVE 'B' AT PINEWAY DR. AND HARDING RD. (VA & VB).
- 4. MAKE CONNECTION AT STA. 24+54. CONFIRM VALVES '1'&'2' (V1 & V2) ARE CLOSED AND VALVES '3'&'4' (V3 & V4) ARE OPEN.
- 5. RE-OPEN VALVES 'A' AND 'B' (VA & VB).
- 6. CLOSE VALVE 'C' (Vc) AT SWEET CHERRY LA. SOUTH OF CHERRY STONE CT.
- 7. MAKE CONNECTION AT STA. 0+00.
- 8. RE-OPEN VALVE 'C' (Vc).
- 9. OPEN VALVE '1' (V1).

AS BUILT 6/14/05

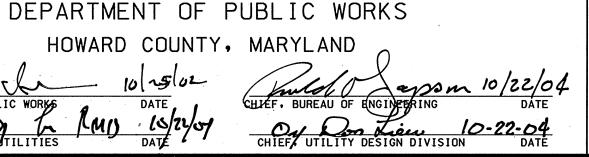
HARDING ROAD WATER MAIN LOOP

CAPITAL PROJECT No. W-8251 CONTRACT No. 44-4102 ELECTION DISTRICT No. 6

SHEET

SCALE

AS SHOWN



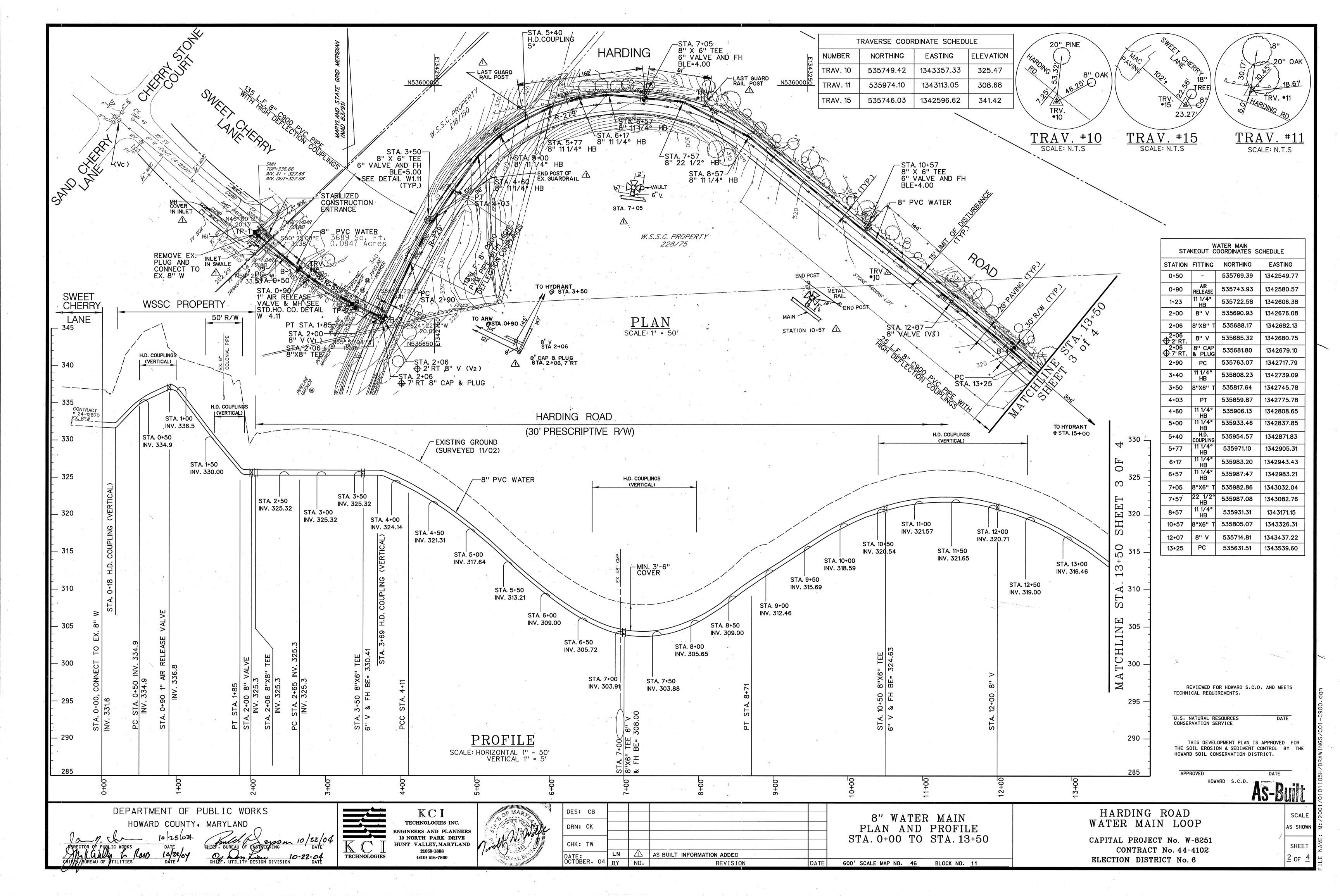


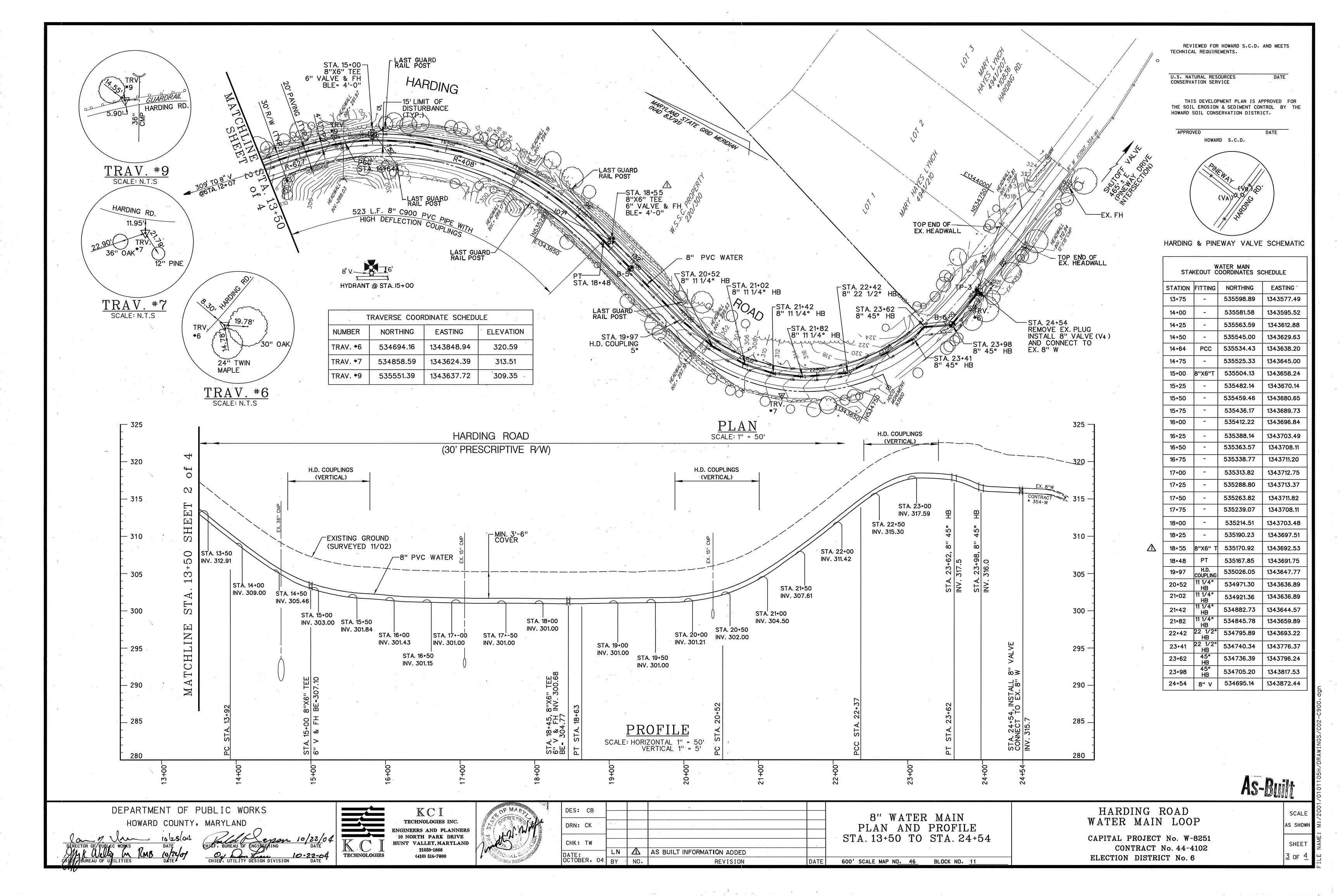
 $\mathbb{KC}\mathbb{I}$ TECHNOLOGIES INC. ENGINEERS AND PLANNERS 10 NORTH PARK DRIVE HUNT VALLEY, MARYLAND 21030-1888 (410) 316-7800

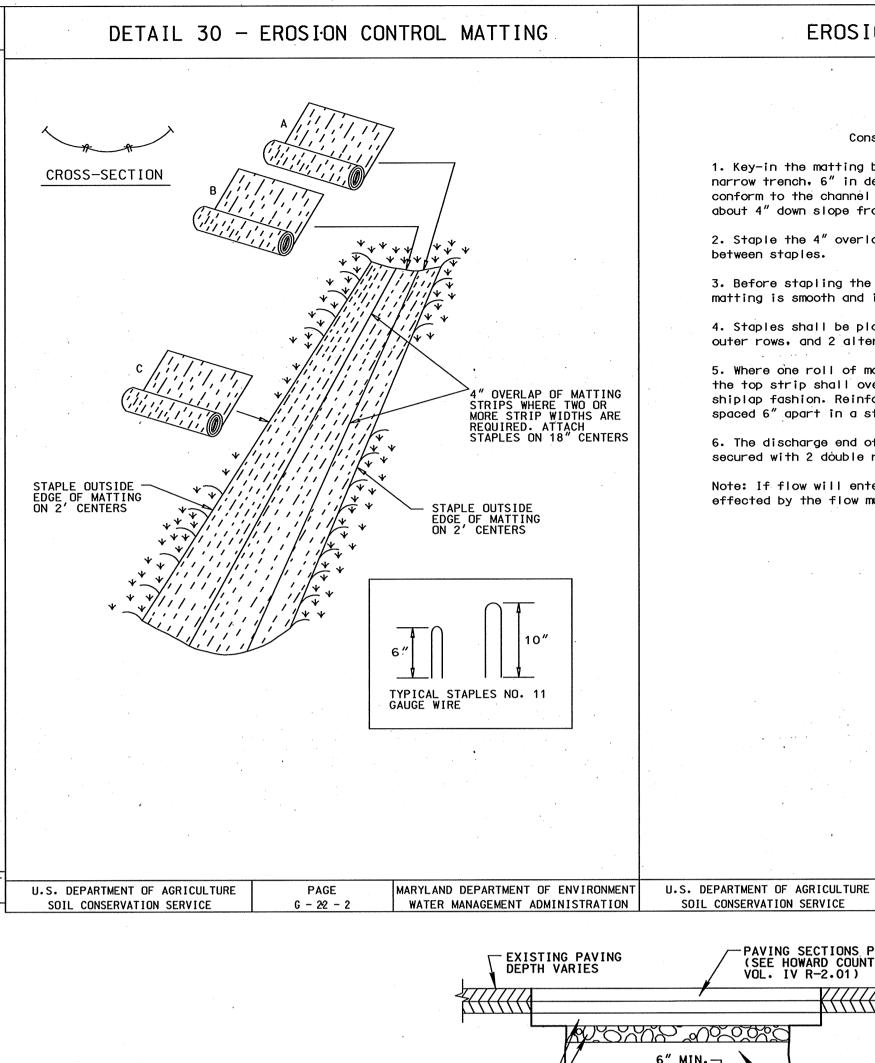


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DES: CB		·			
DRN: CK					
CHK: TW					
DATE:	LN	$\triangle$	AS BUILT INFORMATION ADDED	6/05	
DATE: OCTOBER, 04	BY	NO.	REVISION	DATE	,

600' SCALE MAP NO. 46 BLOCK NO. 11







EROSION CONTROL MATTING

#### Construction Specifications

1. Key-in the matting by placing the top ends of the matting in a narrow trench, 6" in depth. Backfill the trench and tamp firmly to conform to the channel cross-section. Secure with a row of staples about 4" down slope from the trench. Spacing between staples is 6".

2. Staple the 4" overlap in the channel center using an 18" spacing between staples.

3. Before stapling the outer edges of the matting, make sure the matting is smooth and in firm contact with the soil.

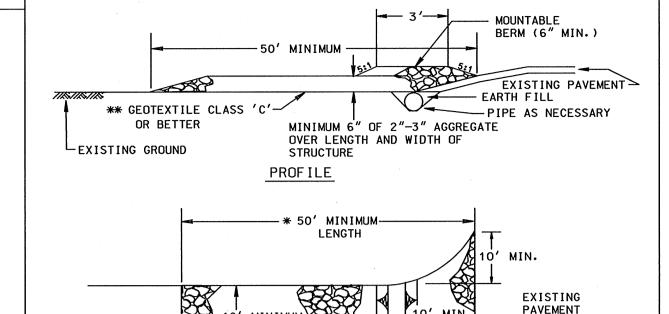
4. Staples shall be placed 2' apart with 4 rows for each strip, 2 outer rows, and 2 alternating rows down the center.

5. Where one roll of matting ends and another begins, the end of the top strip shall overlap the upper end of the lower strip by 4", shiplap fashion. Reinforce the overlap with a double row of staples spaced 6" apart in a staggered pattern on either side.

6. The discharge end of the matting liner should be similarly secured with 2 double rows of staples.

Note: If flow will enter from the edge of the matting then the area effected by the flow must be keyed-in.

## DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



1. Length - minimum of 50' (\*30' for single residence lot).

STANDARD SYMBOL

SCE

- 18" X 12" METAL FRAME AND COVER

COPPER ROD IMBEDDED

STANDARD HOWARD COUNTY 18" CONCRETE OR TERRA-COTTA PLAN VIEW

2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.

Construction Specification

3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. \*\*The plan approval authority may not require single family residences to use geotextile.

4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.

5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.

6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

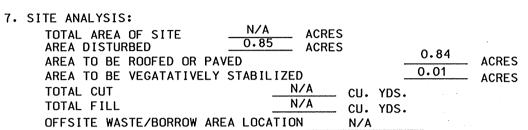
U.S. DEPARTMENT OF AGRICULTURE MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION SOIL CONSERVATION SERVICE

## STANDARD SEDIMENT CONTROL NOTES

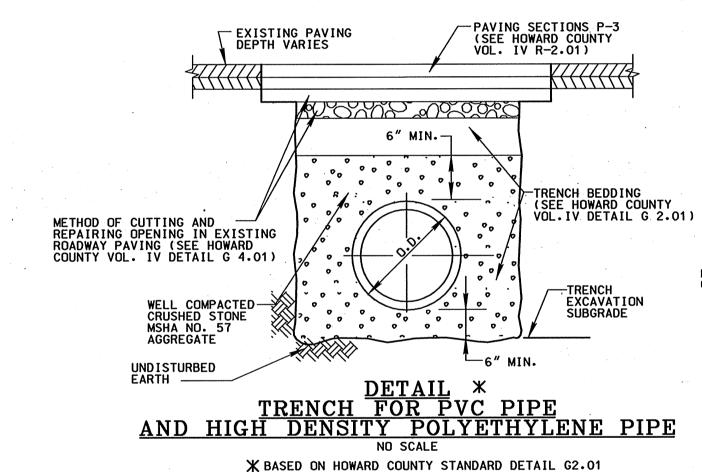
- 1. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION, (313-1855).
- 2. ALL VEGETIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", AND REVISIONS THERETO.
- STABILIZATION SHALL BE COPLETED WITHIN: a) 7 CALENDER DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1.

3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY

- b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- 4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. I, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- 5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (SEC. G20.0) FOR PERMANENT SEEDINGS, SOD, TEMPORARY SEEDING AND MULCHING. TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- 6. 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.



- 8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF THE DISTURBANCE.
- 9. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED. IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- 10. 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.
- 11. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE (3) PIPE LENGTHS OR THAT WHICH CAN BE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.
- 12. CONTRACTOR SHALL PLACE EXCAVATED MATERIALS ON UPHILL SIDE OF TRENCH AND PLACE SILT FENCE ON DOWNHILL SIDE OF TRENCH.



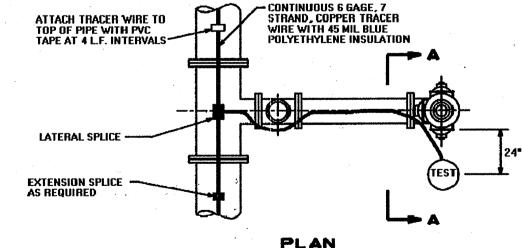
SOIL CONSERVATION SERVICE

DEVELOPER'S CERTIFICATION

"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 DEPART-MENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODING ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

TECHNICAL REQUIREMENTS.

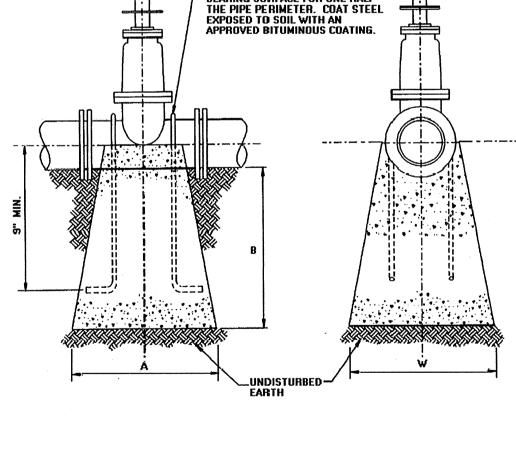
UTILITY CONSTRUCTION SECTION 1000 BACKFILLING SECTION 1000.03.19 REVIEWED FOR HOWARD S.C.D. AND MEETS



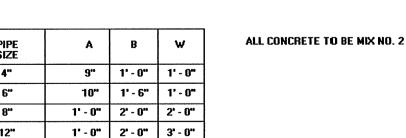
SECTION A-A

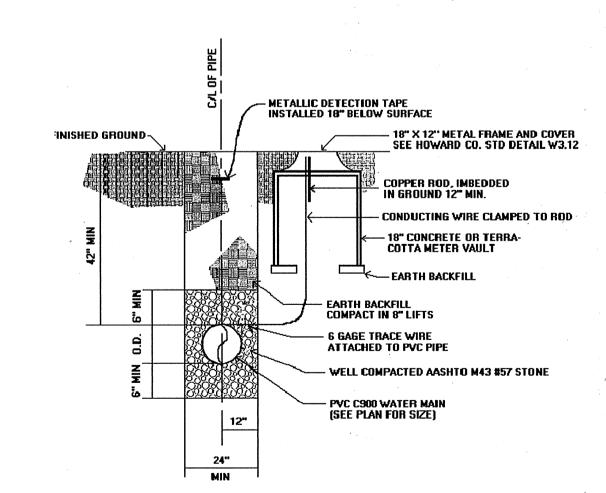
MARYLAND DEPARTMENT OF ENVIRONMENT

WATER MANAGEMENT ADMINISTRATION



- #4 BARS. PROVIDE A CONTINUOUS BEARING SURFACE FOR ONE HALF

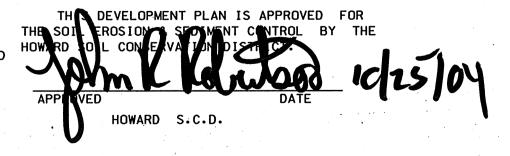




#### ENGINEER'S CERTIFICATION

"I/WE 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.

10 NORTH PARK DRIVE HUNT VALLEY, MARYLAND 21030



TEST STATION MUST BE PLACED TO THE RIGHT OR LEFT SIDE OF THE FIRE HYDRANT
VALVE VAULT FRAME AND COVER TO BE SET FLUSH WITH FINAL GRADE.

CONTINUITY TEST STATION AT FIRE HYDRANT

**ANCHORAGES FOR VALVES** WITH PVC PIPE

TRENCH FOR PVC PIPE AND CONTINUITY TEST STATION DETAIL

**TECHNOLOGIES** 

 $\mathbb{K}\mathbb{C}\mathbb{I}$ **TECHNOLOGIES** INC. ENGINEERS AND PLANNERS 10 NORTH PARK DRIVE HUNT VALLEY, MARYLAND 21030-1888 (410) 316-7800



DES: CB DRN: CK CHK: TW DATE: OCTOBER, 04 BY NO. REVISION

EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

600' SCALE MAP NO. 46 BLOCK NO. 11

HARDING ROAD WATER MAIN LOOP

CAPITAL PROJECT No. W-8251 **CONTRACT** No. 44-4102 ELECTION DISTRICT No. 6

SHEET