


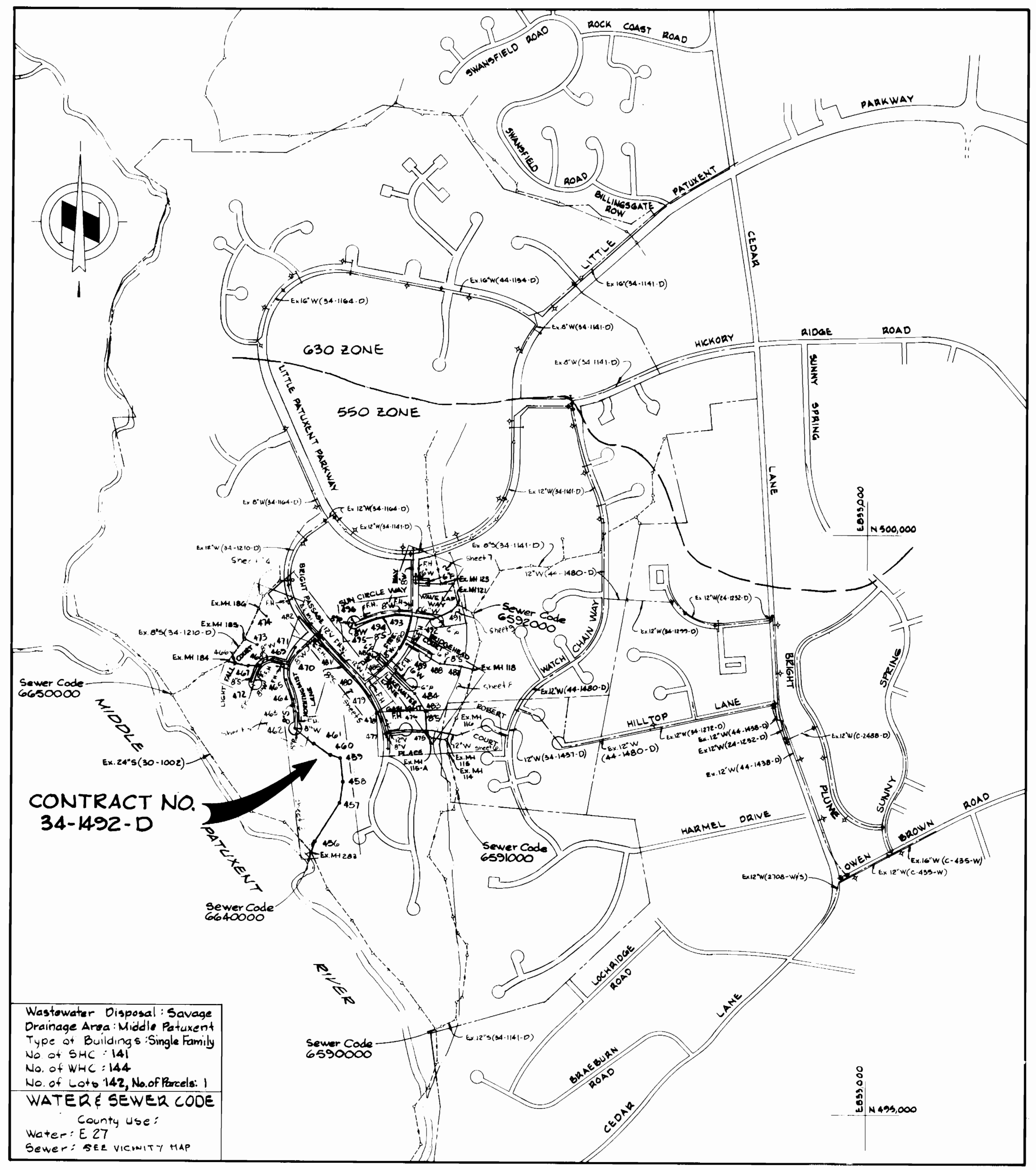
GENERAL NOTES

- 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 SHOWN ARE INVERT ELEVATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED.
- 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.
- 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 561-2585
 - BALTIMORE GAS & ELECTRIC CO. - UNDER GROUND DAMAGE CONTROL - 234-5621
 - BALTIMORE GAS & ELECTRIC CO. - TROUBLE SHOOTING - 298-9013
 - MISS UTILITY - 1 - 559-0100
 - COLONIAL PIPELINE CO. - 795-1390
 - BUREAU OF UTILITIES, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 992-2366
- 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 LINE OF EXCAVATION.
- ALL WATER MAINS TO 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 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.
- 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 THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTINGS, UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS.
- ALL W.H.C.'S SHALL BE 3/4" UNLESS OTHERWISE NOTED.
- ALL COPPER WATER HOUSE CONNECTIONS SHALL UTILIZE FLARED FITTINGS.
- ALL SEWER MAINS SHALL BE C.S.P.X., D.I.P., V.C.P.X., A.C.P. CLASS 2400 OR P.V.C. UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALL.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- 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 1.5' ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- STRAW BALE DIKE AND SILT FENCE ARE INTERCHANGEABLE.
- FOR MANHOLES IN OPEN SPACE OR OUTFALL, SET TOP OF FRAME 1.5' ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.

QUANTITIES			
ITEM	BID	AS-BUILT	MATERIAL/SUPPLIER
12" Water L.F.	2300	2124	Critchfield Pipe Products Co.
8" Water L.F.	3480	2400	Critchfield Pipe Products Co.
6" Water L.F.	1400	1175	Critchfield Pipe Products Co.
2" Air Release M.Ea.	1	1	Atlantic Concrete Co.
12" Valve Ea.	2	2	Belair Road Supply
8" Valve Ea.	7	7	Belair Road Supply
6" Valve (Excluding Flt) Ea.	5	5	Belair Road Supply
Fire Hydrants Ea.	13	13	Belair Road Supply
1/2" Drain for W Main Ea.	8	8	Mayer Bros. Inc.
85" Interceptor L.F.	2,080	1,936.37	Critchfield Pipe Products Co.
8" 12" Interceptor L.F.	460	524.90	Critchfield Pipe Products Co.
Manholes Ea.	16	16	Atlantic Concrete Co.
85" Collector L.F.	5,600	5,312.36	Belair Road Supply
Manholes Ea.	28	28	Atlantic Concrete Co.
2" W.H.C. L.F.	30	30	Belair Road Supply
1" W.H.C. L.F.	1,000	1,140	Belair Road Supply
3/4" W.H.C. L.F.	3,750	3,000	Belair Road Supply
6" S.H.C. L.F.	3,750	3,977.83	Harlington Corp.
DHC V.F.	20	319	Belair Road Supply

CONSTRUCTION SEQUENCE
SEDIMENT CONTROL PROCEDURES

- (FOR AREAS NOT PROTECTED BY ROAD CONSTRUCTION-SEDIMENT CONTROL DEVICES)
- OBTAIN SEDIMENT CONTROL PERMIT (ARTICLE 15.05-3).
 - OBTAIN WATER RESOURCES ADMINISTRATION PERMIT.
 - CONSTRUCT CONTINUOUS SEDIMENT BARRIER FOR ALL DISTURBED AREAS NOT PROTECTED BY SEDIMENT TRAPS.
 - CLEAR, GRUB AND STRIP AS REQUIRED. PROTECT STREAM FROM EROSION OF STORED TOP SOIL, SEPARATE TOP SOIL FROM SUBSOIL.
 - CONSTRUCT PIPELINES.
 - ALL EXCAVATED MATERIAL SHALL BE STOCKPILED ON HIGH SIDE OF TRENCH.
 - RESTORE EROSION CONTROL STRUCTURES DISTURBED BY SEWER AND WATER CONSTRUCTION.
 - STABILIZE DISTURBED AREAS AS CONSTRUCTION PROGRESSES WITH TEMPORARY SEEDING AND MULCHING (OR PERMANENT RESTORATION).
 - COMPLETE PERMANENT RESTORATION.
 - ALL SEDIMENT CONTROL DEVICES SHALL REMAIN IN SERVICE UNTIL REMOVAL IS APPROVED BY THE S.C.S./M.R.A. INSPECTOR.
 - RESTORATION (TEMPORARY OR PERMANENT) OF AN AREA BETWEEN MANHOLES OR 400 FOOT WATERMAIN SECTION SHALL FOLLOW WITHIN ONE WEEK OF PIPELAYING IN THAT AREA.



CONTRACT NO.
34-1492-D

Wastewater Disposal: Savage
Drainage Area: Middle Patuxent
Type of Buildings: Single Family
No. of S.H.C.: 141
No. of W.H.C.: 144
No. of Lots: 142, No. of Parcels: 1
WATER & SEWER CODE
County Use:
Water: E 27
Sewer: SEE VICINITY MAP

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT
[Signature] 11-7-86
SIGNATURE DATE
U.S. SOIL CONSERVATION SERVICE

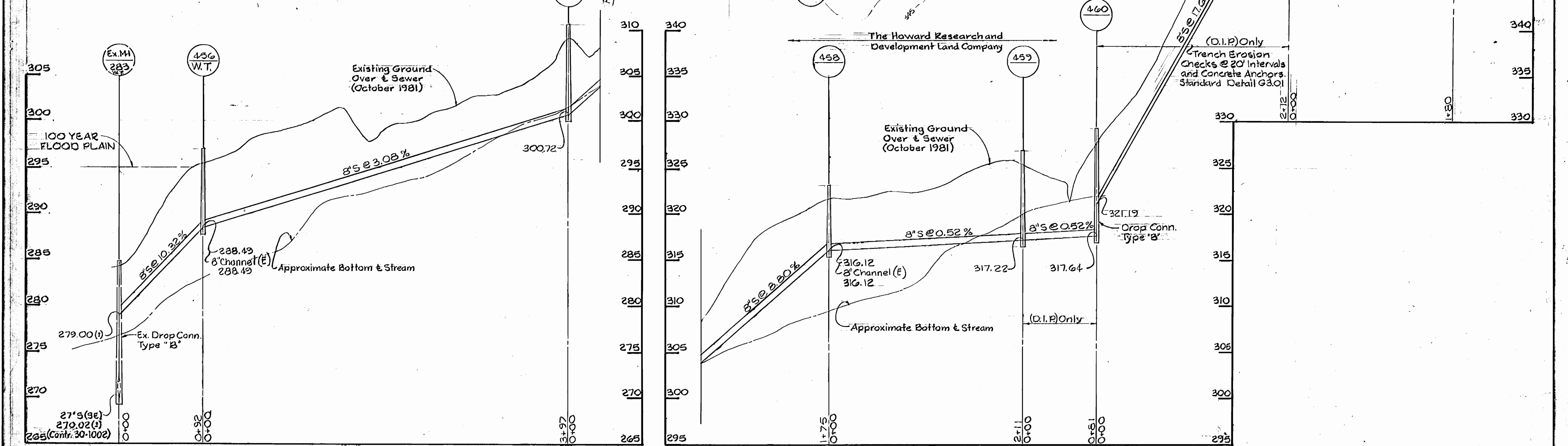
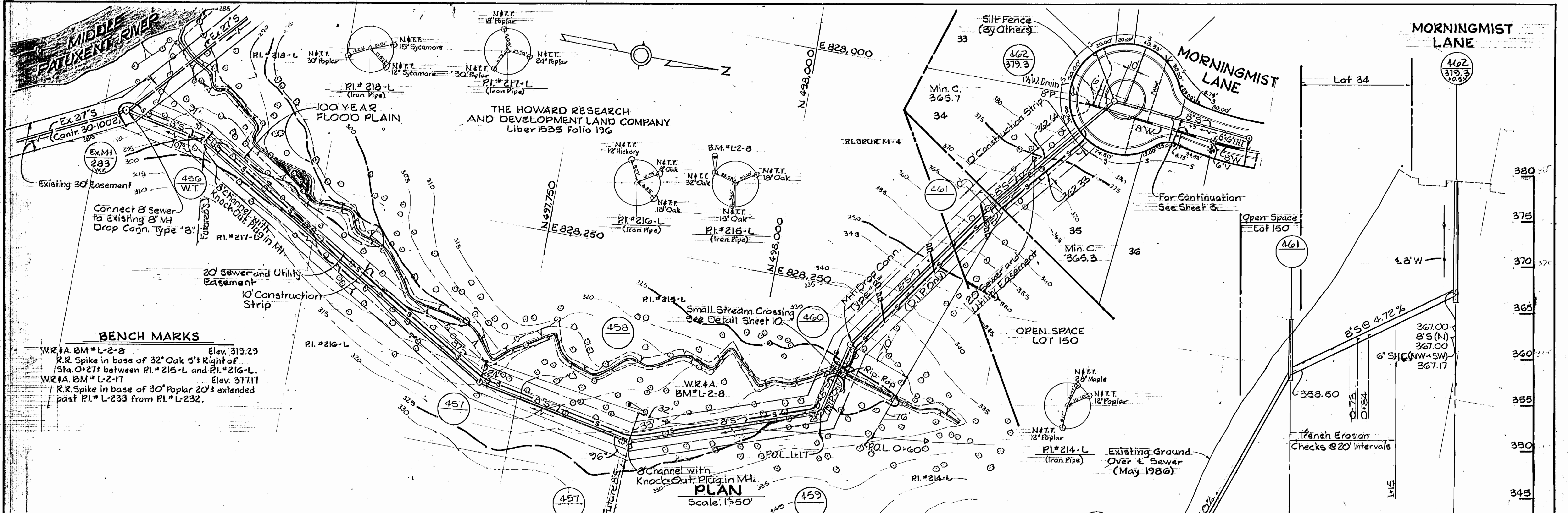
This Development Plan is approved for Soil Erosion and Sediment Control by the Howard County Conservation District.
APPROVED:

[Signature] 11/1/86
HOWARD S.C.D. DATE

Sediment Control Measures for this Contract will be implemented in accordance with Section 219 of the Standard Specifications and Road Construction Drawings F-87-31.

CONTRACT NO. 34-1492-D
VILLAGE OF HICKORY RIDGE
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DIRECTOR OF PUBLIC WORKS - DATE <i>[Signature]</i> 11-14-86	WHITMAN, REQUARDT AND ASSOCIATES ENGINEERS 2315 ST. PAUL ST BALTIMORE, MARYLAND CHIEF - BUREAU OF ENGINEERING - DATE <i>[Signature]</i> 11-17-86	DES. S.J. DRN. D.M.D. CHK. R.B.N. DATE	VICINITY MAP AND GENERAL NOTES	COLUMBIA AS-BUILT VILLAGE OF HICKORY RIDGE SECTION 3 AREA 13 ELECTION DISTRICT NO. 5 CONTRACT NO. 34-1492-D	SCALE 1"=600' SHEET 1 OF 10
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DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

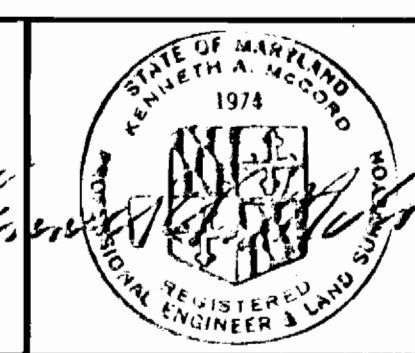
John F. Neuman 11-18-86
DIRECTOR OF PUBLIC WORKS - DATE

Robert D. ... 11-14-86
CHIEF - BUREAU OF UTILITIES - DATE

W. ... 11-18-86
CHIEF - BUREAU OF ENGINEERING - DATE

... 11-18-86
CHIEF - LAND DEVELOPMENT DIVISION - DATE

WHITMAN, REQUARDT AND ASSOCIATES ENGINEERS
2315 ST. PAUL ST. BALTIMORE, MARYLAND



DES: S.J.	BY NO.	REVISION	DATE
DRN: D.M.D.			
CHK: R.R.N.			
DATE:			

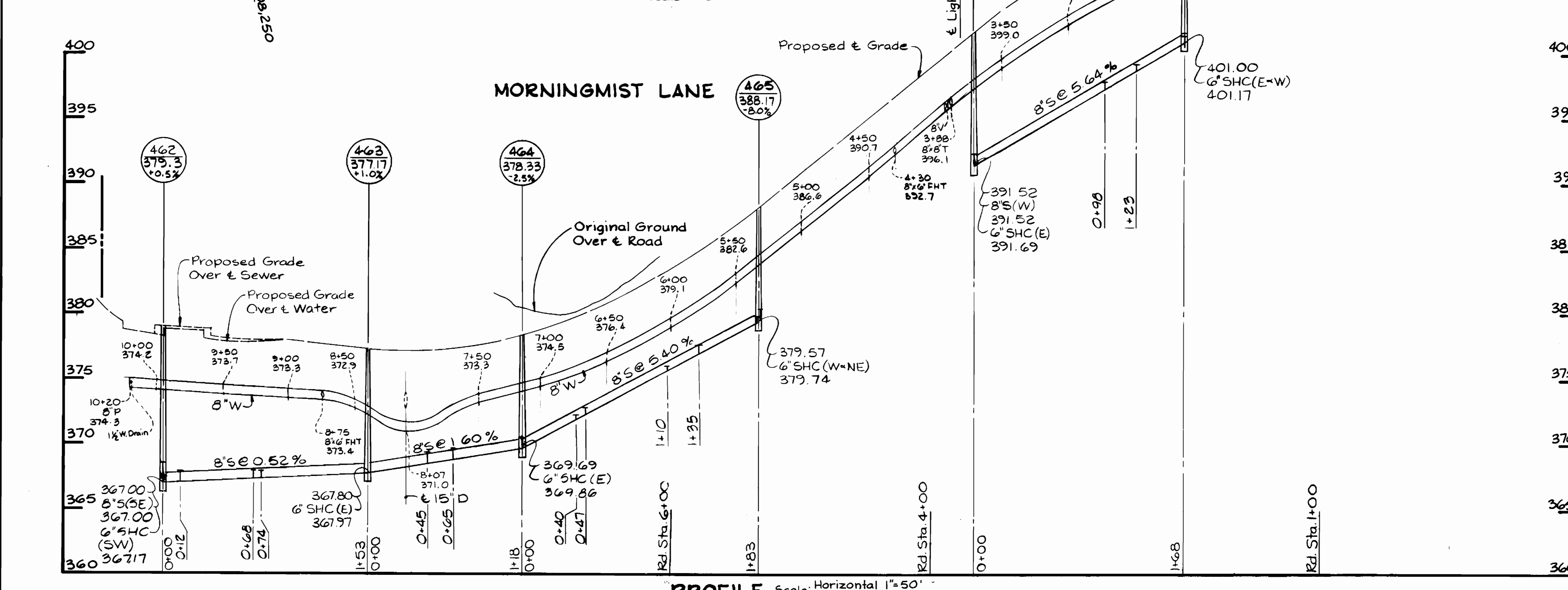
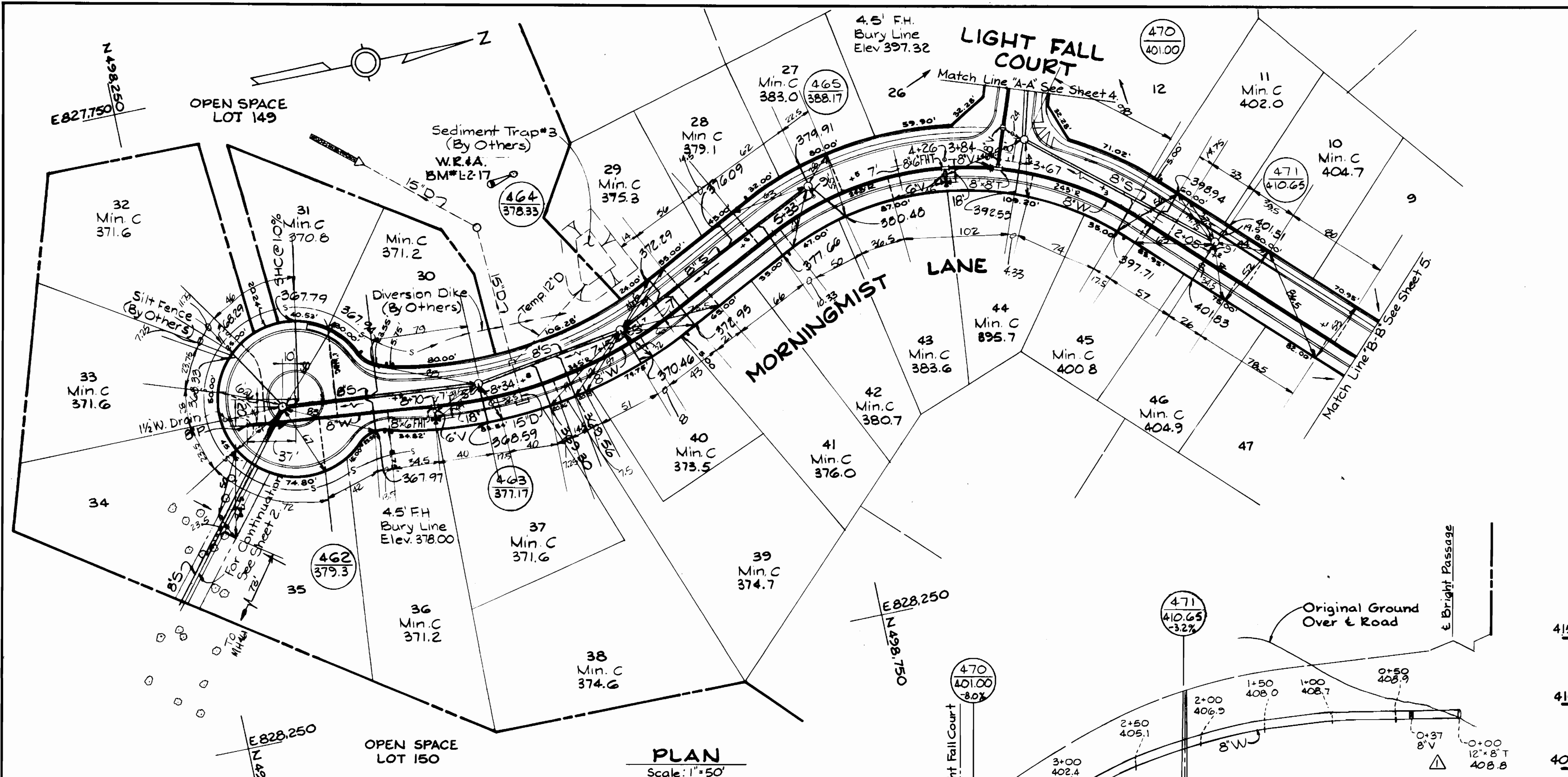
ASBUILT
PLAN & PROFILE OF
WATER & SEWER MAINS

COLUMBIA
VILLAGE OF HICKORY RIDGE
SECTION 3 AREA 13
ELECTION DISTRICT NO. 5
CONTRACT NO. 34-1492-D

SCALE AS SHOWN
SHEET 2 OF 10

BENCH MARKS

W.R.#A. BM* L-2-17 Elev. 377.17
 R.R. Spike in base of 30" Poplar, 150'± west of
 Morningmist Lane & Road Sta. 7+30.2.
 W.R.#A. BM* L-2-12 Elev. 373.35
 R.R. Spike in base of 16" Poplar 4'± left of
 Sta. 0+10.2 between Pl.* L-222-81 and Pl.* L-223-81.



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

John F. Nunn 11-18-86
 DIRECTOR OF PUBLIC WORKS - DATE

Robert Beaman 11-14-86
 CHIEF - BUREAU OF UTILITIES - DATE

William C. Robinson
 CHIEF - BUREAU OF ENGINEERING - DATE

Michael H. 11-12-86
 CHIEF - LAND DEVELOPMENT DIVISION - DATE

WHITMAN, REQUARDT
 AND ASSOCIATES
 ENGINEERS

2315 ST PAUL ST
 BALTIMORE, MARYLAND

DES. S.J.	
DRN. D.M.D.	
CHK. R.B.N.	
DATE	

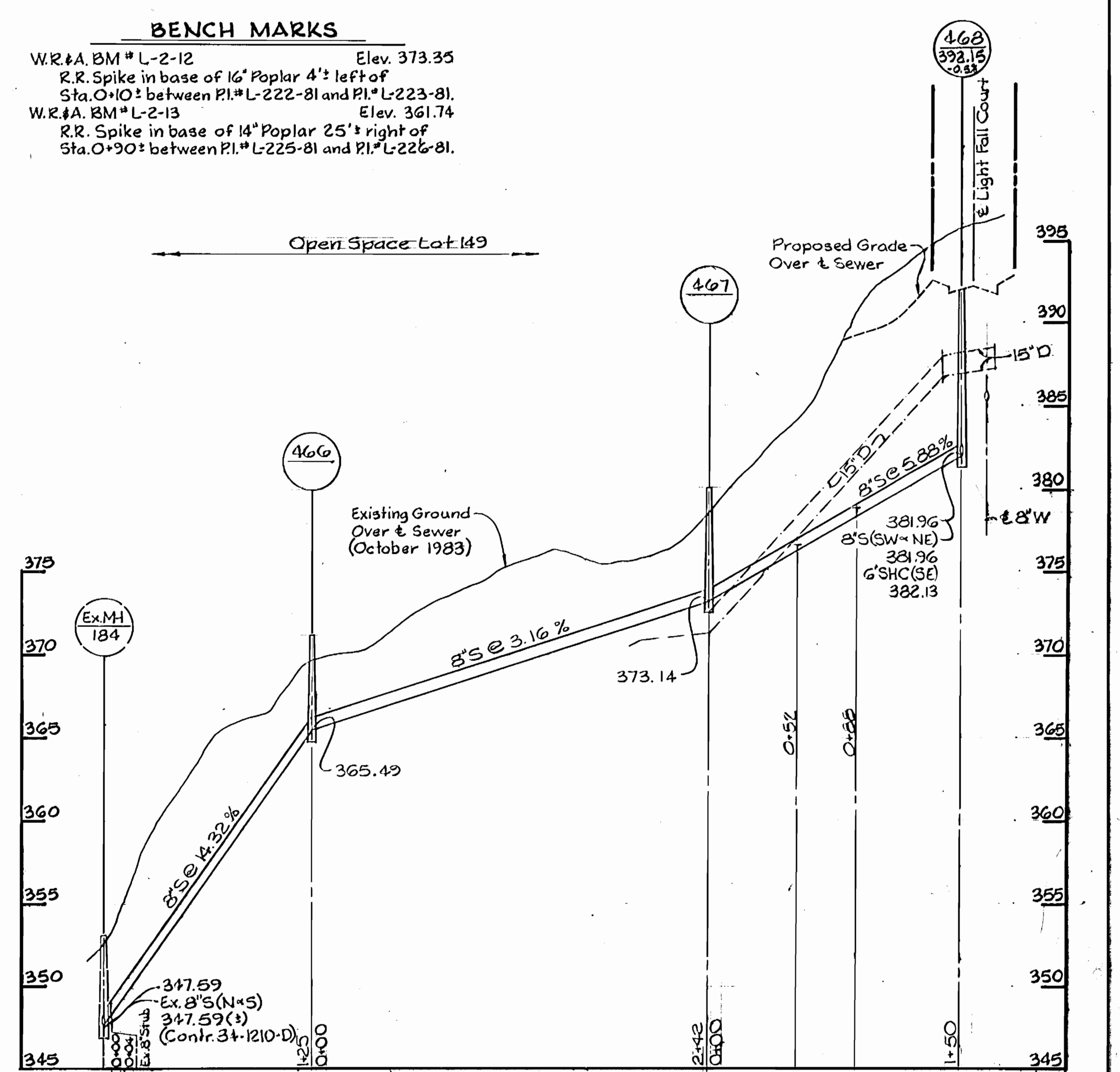
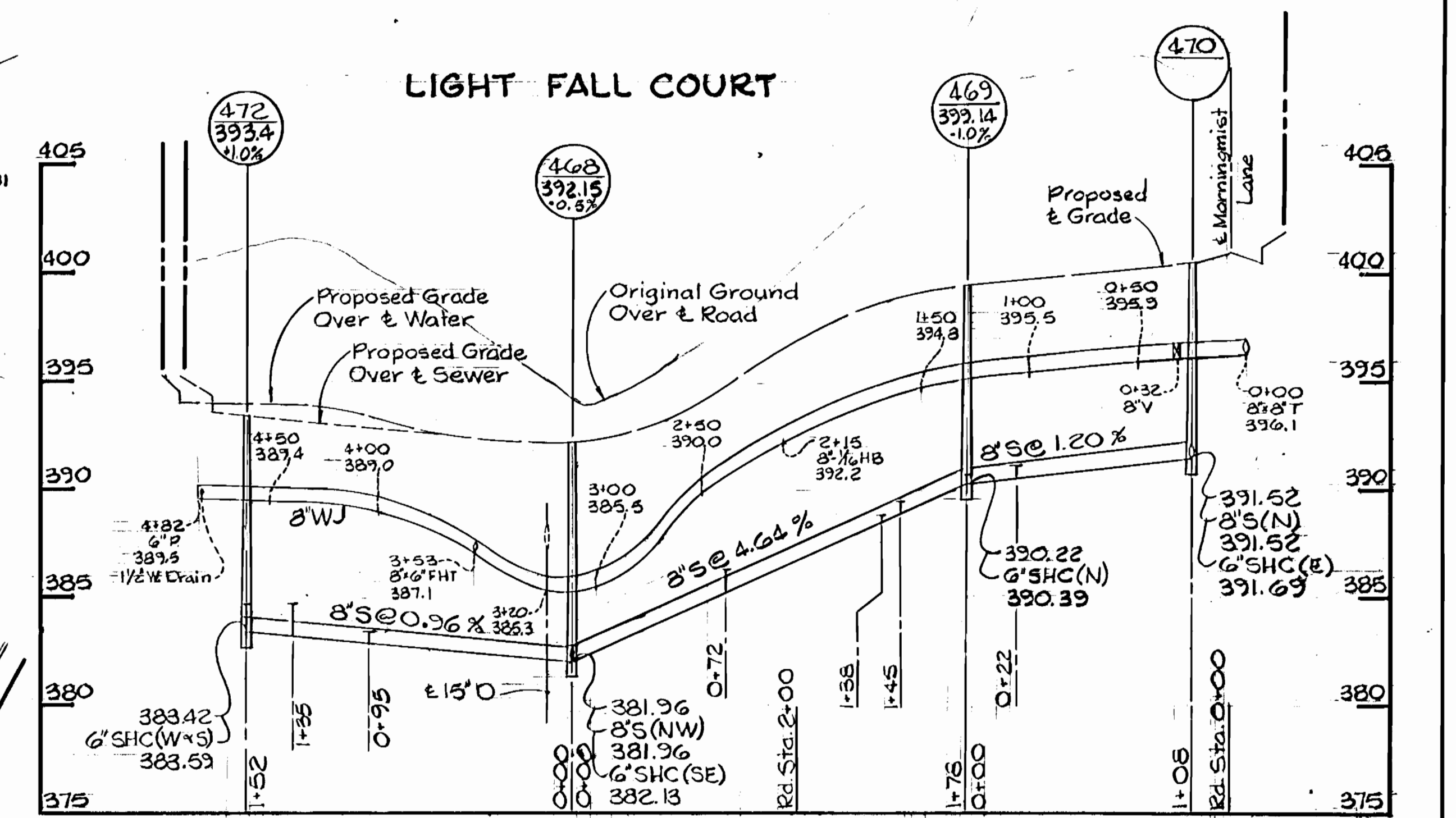
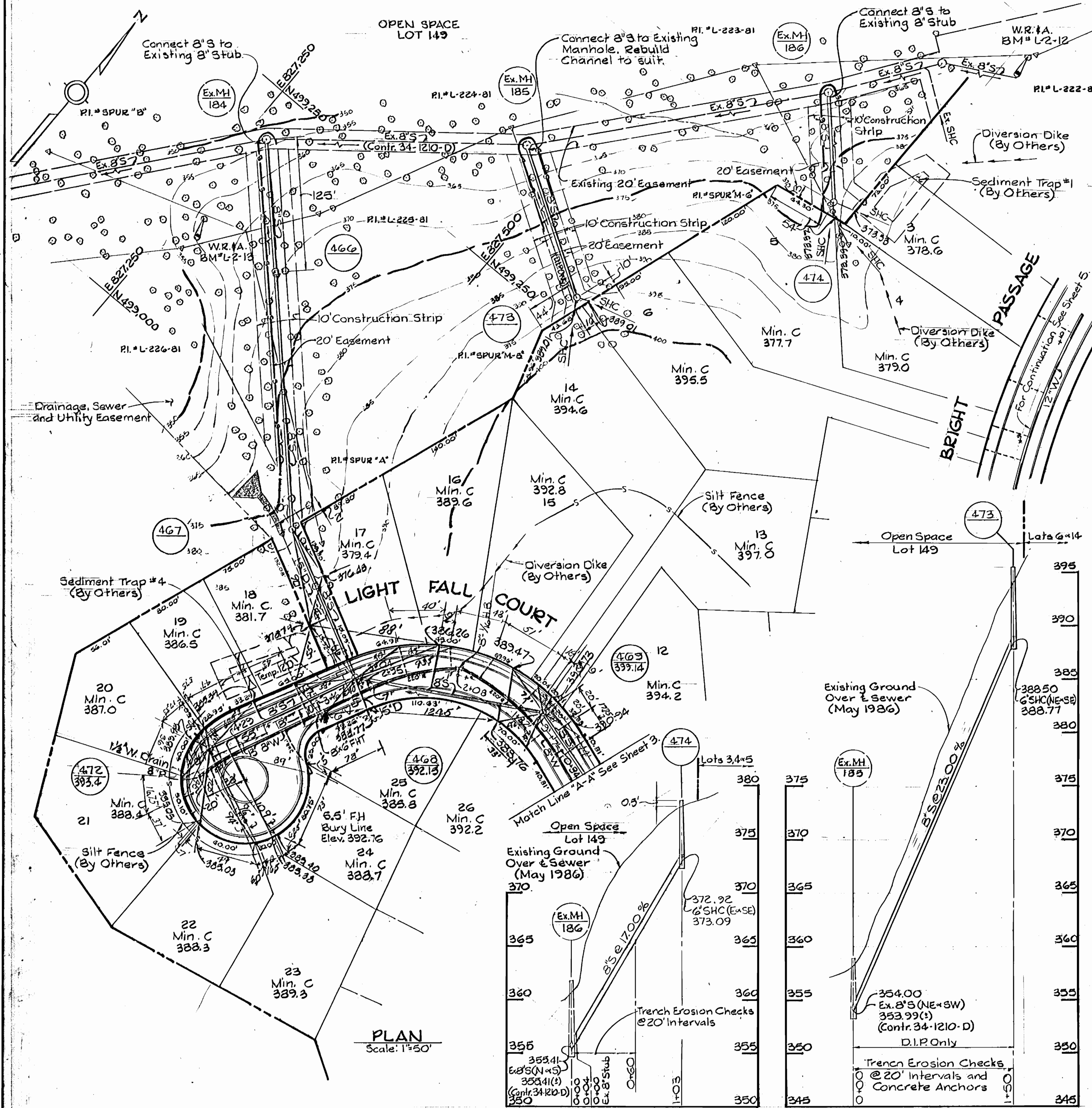
AS-BUILT
 PLAN & PROFILE OF
 WATER & SEWER MAINS

RM Δ Water Profile changed @ Sta. 0+00 to 1+00

COLUMBIA
 VILLAGE OF HICKORY RIDGE
 SECTION 3 AREA 13
 ELECTION DISTRICT NO. 5
 CONTRACT NO. 34-1492-D

SCALE
 AS
 SHOWN

SHEET
 3 OF 10



BENCH MARKS
 W.R.#A. BM # L-2-12 Elev. 373.35
 R.R. Spike in base of 16' Poplar 4'± left of Sta. 0+10± between PI.# L-222-81 and PI.# L-223-81.
 W.R.#A. BM # L-2-13 Elev. 361.74
 R.R. Spike in base of 14' Poplar 25'± right of Sta. 0+90± between PI.# L-225-81 and PI.# L-226-81.

PLAN
 Scale: 1"=50'

PROFILES Scale: Horizontal 1"=50'
 Vertical 1"=5'

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 Director of Public Works: *James F. Nunn* 11-17-86
 Chief - Bureau of Engineering: *William D. C. ...*
 Chief - Bureau of Utilities: *Richard Benjamin* 11-14-86
 Chief - Land Development Division: *William D. C. ...*

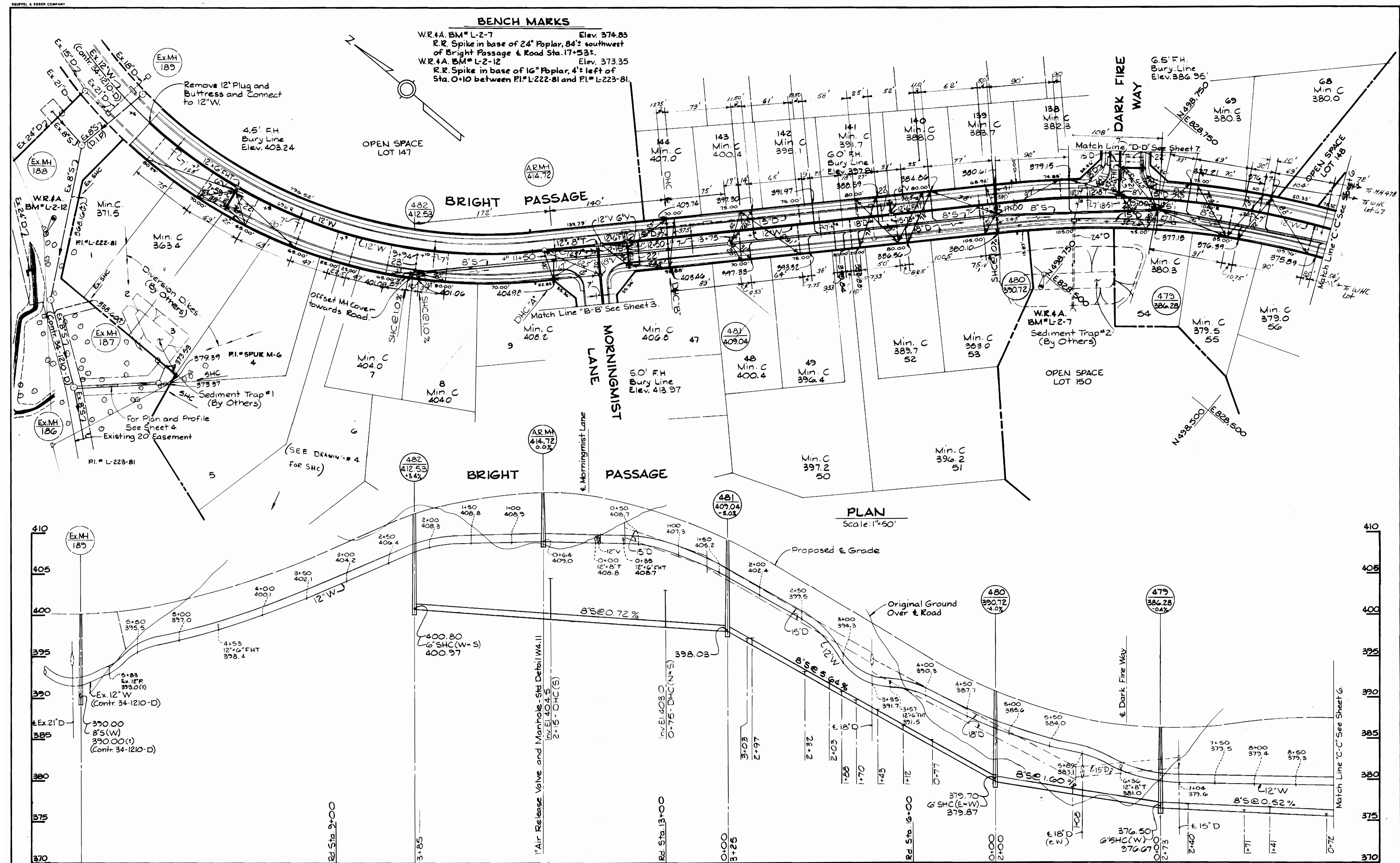
WHITMAN, REQUARDT
 AND ASSOCIATES
 ENGINEERS
 2315 ST. PAUL ST.
 BALTIMORE, MARYLAND

DES: S.J.	BY NO.	REVISION	DATE
DRN: D.M.O.			
CHK: R.B.N.			
DATE:			

AS-BUILT
 PLAN & PROFILE OF
 WATER & SEWER MAINS

COLUMBIA
 VILLAGE OF HICKORY RIDGE
 SECTION 3 AREA 13
 ELECTION DISTRICT NO. 5
 CONTRACT NO. 34-1492-D

SCALE
 AS
 SHOWN
 SHEET
 4 OF 10



BENCH MARKS
 W.R.#4. BM# L-2-7 Elev. 374.83
 R.R. Spike in base of 24" Poplar, 84' southwest
 of Bright Passage & Road Sta. 17+53.1.
 W.R.#4. BM# L-2-12 Elev. 373.35
 R.R. Spike in base of 16" Poplar, 4' left of
 Sta. 0+10 between P1# L-222-81 and P1# L-223-81.

PLAN
 Scale: 1"=50'

PROFILE Scale: Horizontal 1"=50'
 Vertical 1"=5'

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 Director of Public Works - DATE
 Chief - Bureau of Engineering - DATE
 Chief - Bureau of Utilities - DATE
 Chief - Land Development Division - DATE

WHITMAN, REQUARDT
 AND ASSOCIATES
 ENGINEERS
 2315 ST. PAUL ST
 BALTIMORE, MARYLAND

DES. S.J.	
DRN. D.M.D.	
CHK. R.B.N.	
DATE:	
BY NO.	
REVISION	
DATE	

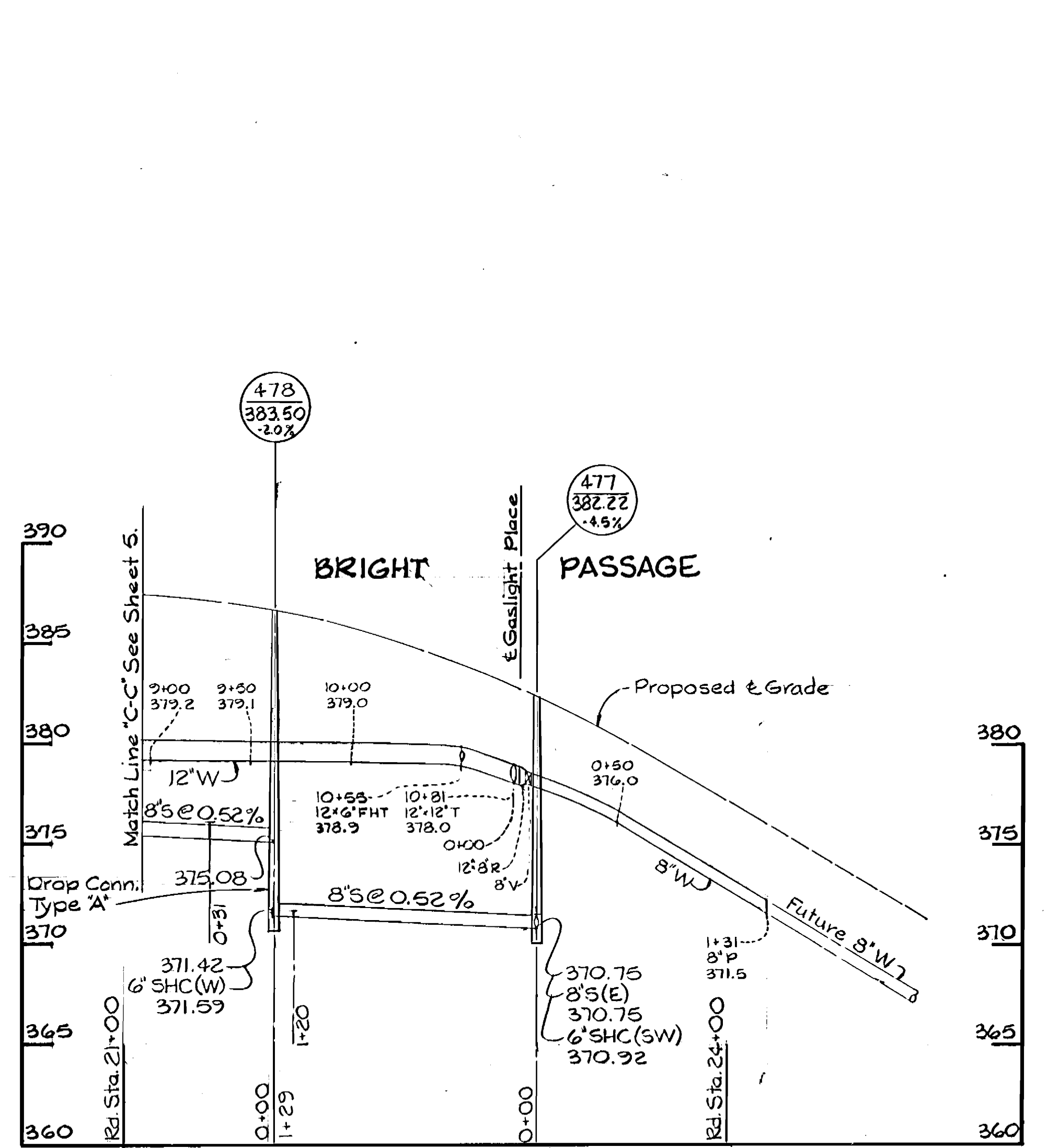
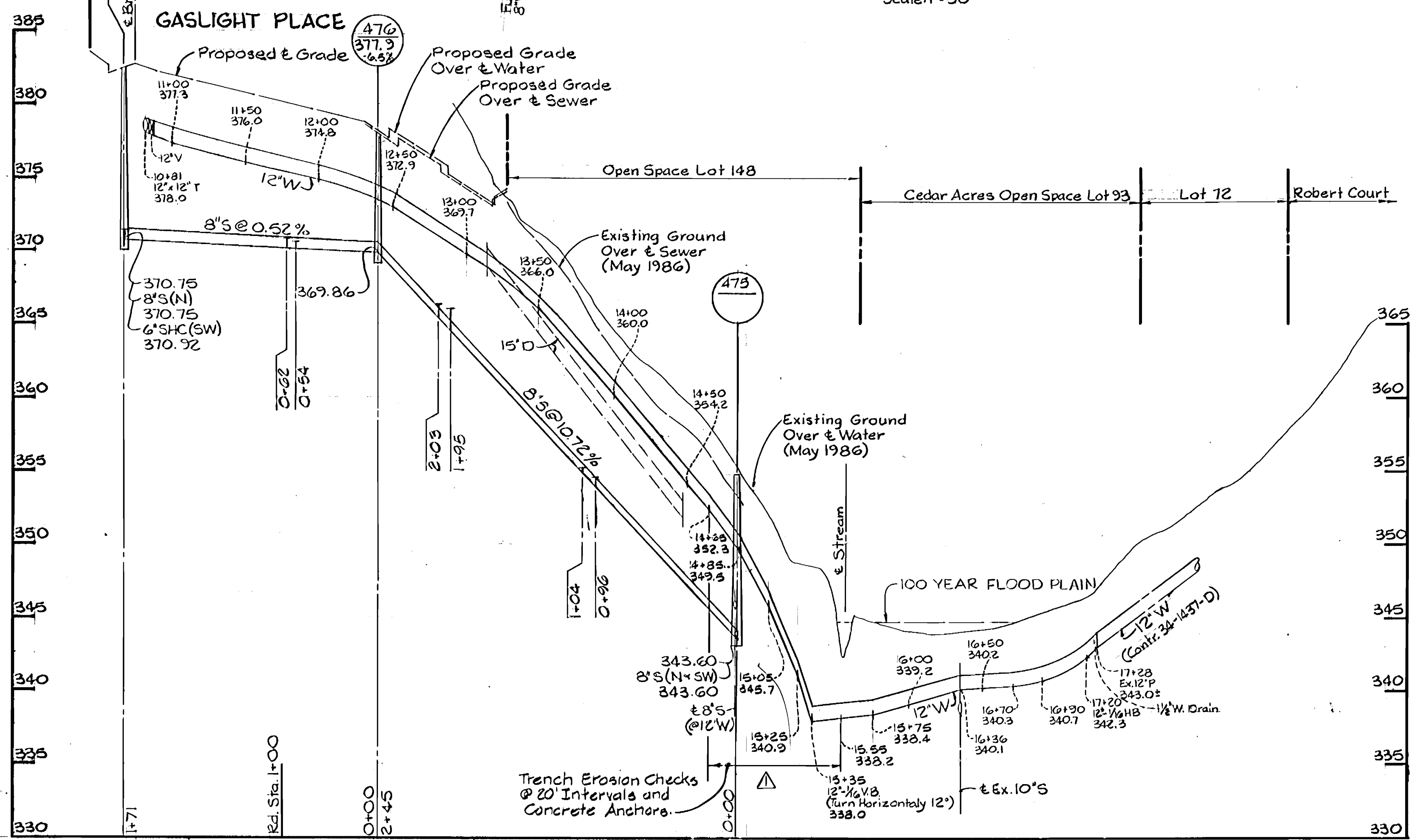
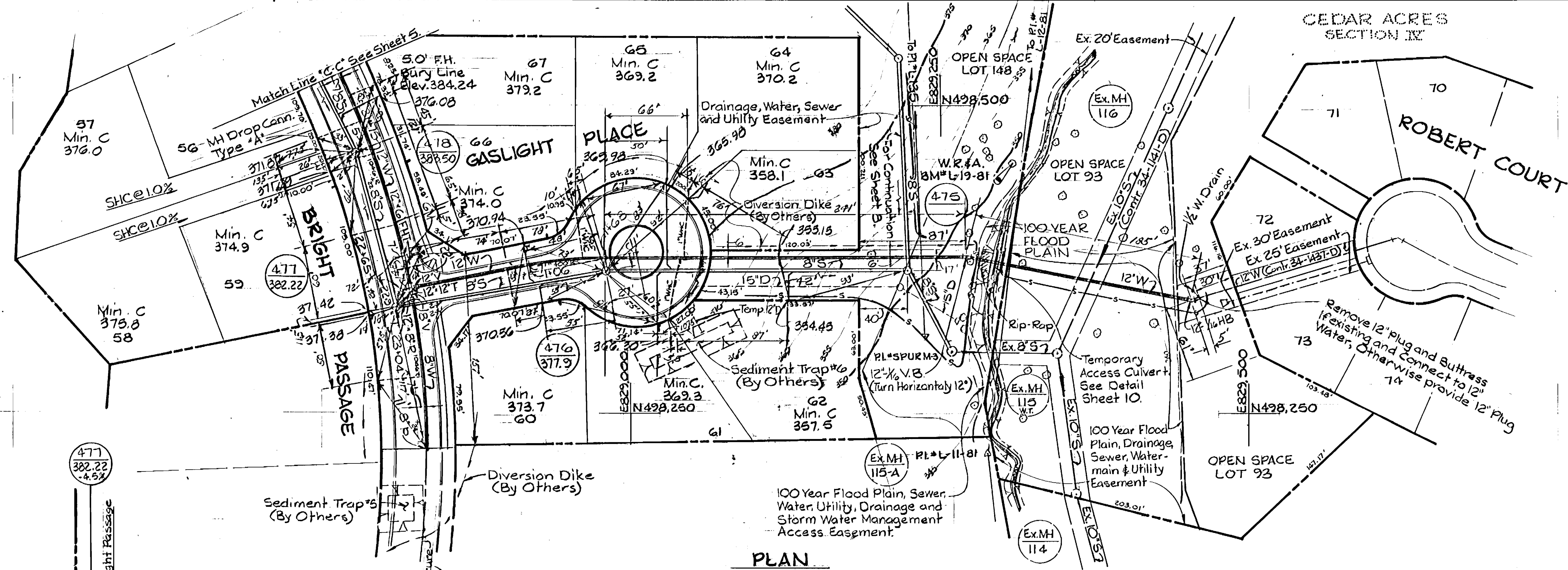
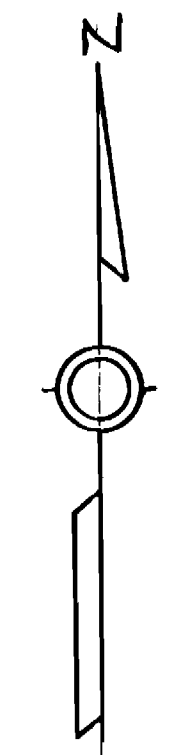
AS-BUILT
 PLAN & PROFILE OF
 WATER & SEWER MAINS

COLUMBIA
 VILLAGE OF HICKORY RIDGE
 SECTION 3 AREA 13
 ELECTION DISTRICT NO. 5
 CONTRACT NO. 34-1492-D

SCALE
 AS SHOWN
 SHEET
 5 OF 10

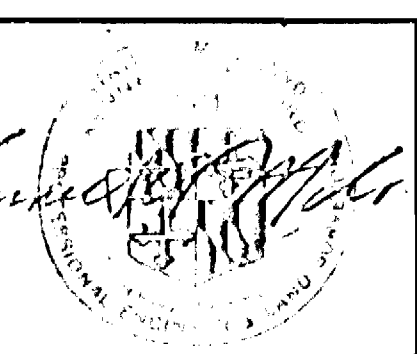
BENCH MARKS

W.R.#A. BM# L-2-7 Elev. 374.83
R.R. Spike in base of 24" Poplar, 8' southwest of Bright Passage & Road Sta. 17+53.2.
W.R.#A. BM# L-19-81 Elev. 350.54
R.R. Spike in base of 30" Poplar, 10' left of Sta. 2+30.2 between RL# L-11-81 and RL# L-12-81.



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
Director of Public Works - DATE
Chief - Bureau of Utilities - DATE

WHITMAN, REQUARDT
AND ASSOCIATES
ENGINEERS
2315 ST. PAUL ST.
BALTIMORE, MARYLAND

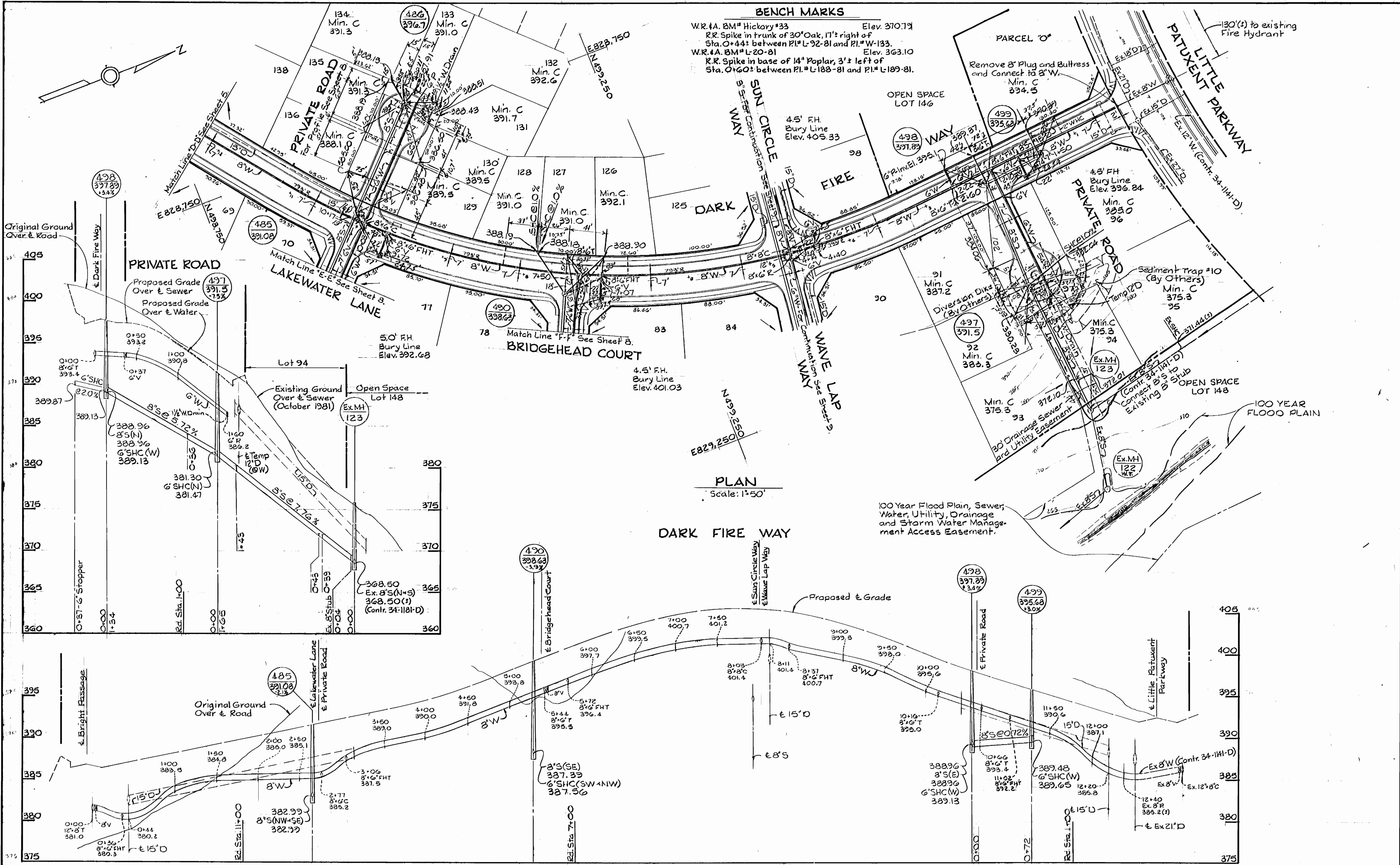


DES: S.J.					
DRN: D.M.D.					
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AS-BUILT
PLAN & PROFILE OF
WATER & SEWER MAINS

COLUMBIA
VILLAGE OF HICKORY RIDGE
SECTION 3 AREA 13
ELECTION DISTRICT NO. 5
CONTRACT NO. 34-1492-D

SCALE
AS
SHOWN
SHEET
6 OF 10



BENCH MARKS
 W.R.#A. BM# Hickory #33 Elev. 370.71
 R.R. Spike in trunk of 30' Oak, 17' right of Sta. O+44: between P.I.# L-92-81 and P.I.# W-133.
 W.R.#A. BM# L-20-81 Elev. 363.10
 R.R. Spike in base of 14' Poplar, 3' left of Sta. O+60: between P.I.# L-188-81 and P.I.# L-189-81.

PLAN
 Scale: 1"=50'

PROFILES Scale: Horizontal 1"=50'
 Vertical 1"=5'

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 Director of Public Works - DATE
 Chief - Bureau of Utilities - DATE
 Chief - Land Development Division - DATE

WHITMAN, REQUARDT
 AND ASSOCIATES
 ENGINEERS
 2315 ST. PAUL ST.
 BALTIMORE, MARYLAND

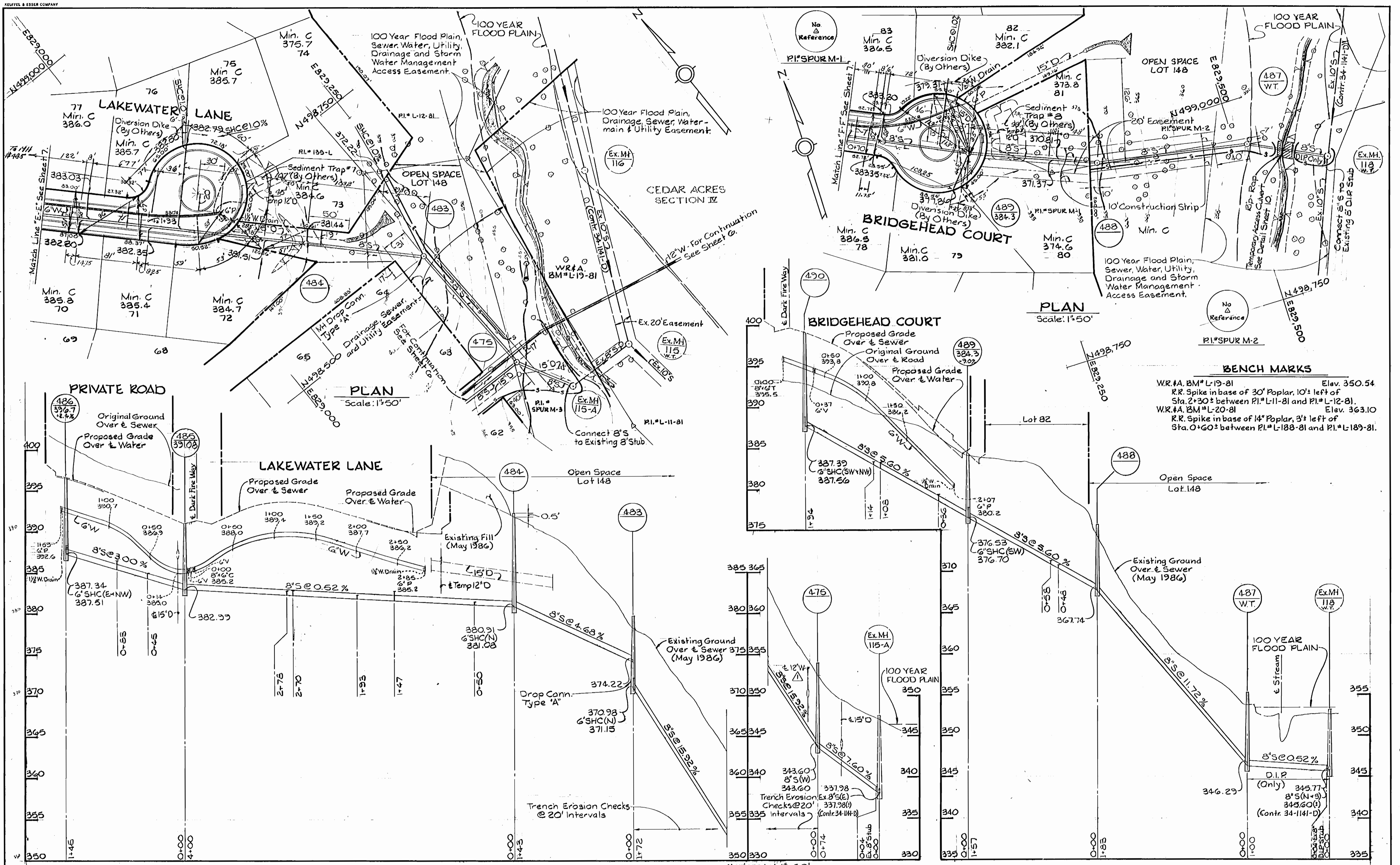


DES: S.J.					
DRN: D.M.D.					
CHK: R.B.N.					
DATE:	BY NO.	REVISION	DATE	600' SCALE MAP NO.	BLOCK NO.

ASBUILT
 PLAN & PROFILE OF
 WATER & SEWER MAINS

COLUMBIA
 VILLAGE OF HICKORY RIDGE
 SECTION 3 AREA 13
 ELECTION DISTRICT NO. 5
 CONTRACT NO. 34-1492-D

SCALE AS SHOWN
 SHEET 7 OF 10

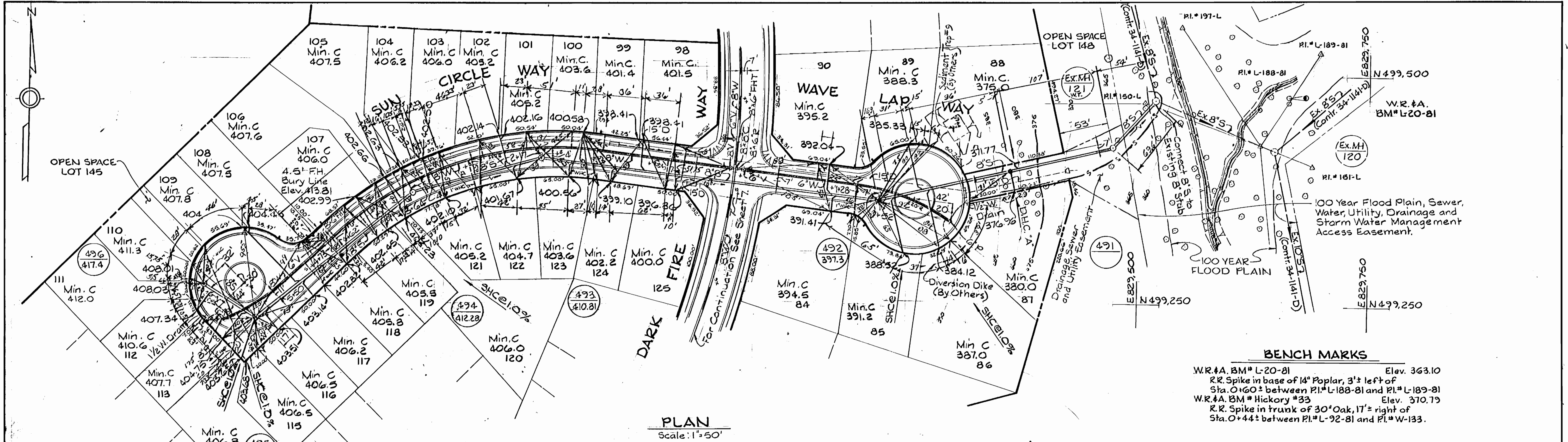


BENCH MARKS

W.R.#A. BM#L-19-81 Elev. 350.54
 R.R. Spike in base of 30' Poplar, 10'± left of Sta. 2+30± between PI#L-11-81 and PI#L-12-81.
 W.R.#A. BM#L-20-81 Elev. 363.10
 R.R. Spike in base of 14' Poplar, 3'± left of Sta. 0+60± between PI#L-188-81 and PI#L-189-81.

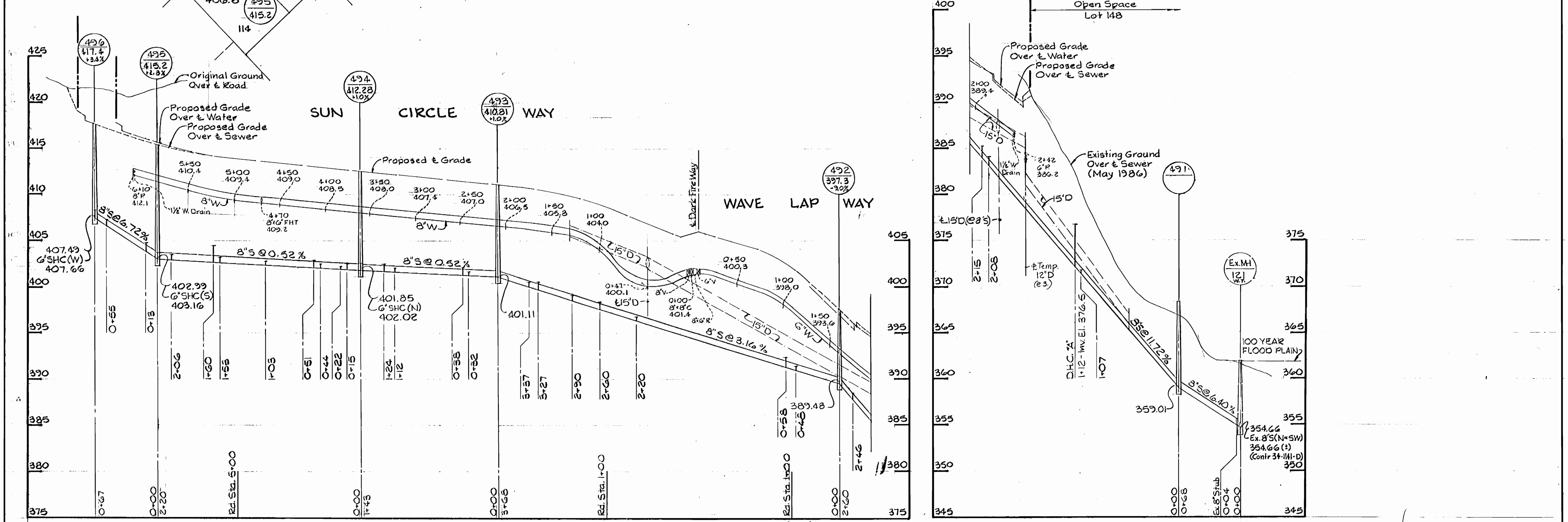
PROFILES Scale: Horizontal 1"=50'
 Vertical 1"=5'

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director of Public Works - DATE Chief - Bureau of Utilities - DATE	WHITMAN, REQUARDT AND ASSOCIATES ENGINEERS 2315 ST. PAUL ST. BALTIMORE, MARYLAND		DES. S.J.	AS-BUILT PLAN & PROFILE OF WATER & SEWER MAINS	COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 3 AREA 13 ELECTION DISTRICT NO. 5 CONTRACT NO. 34-1492-D	SCALE AS SHOWN SHEET 8 OF 10
			DRN. D.M.D. CHK. R.B.N. DATE:			

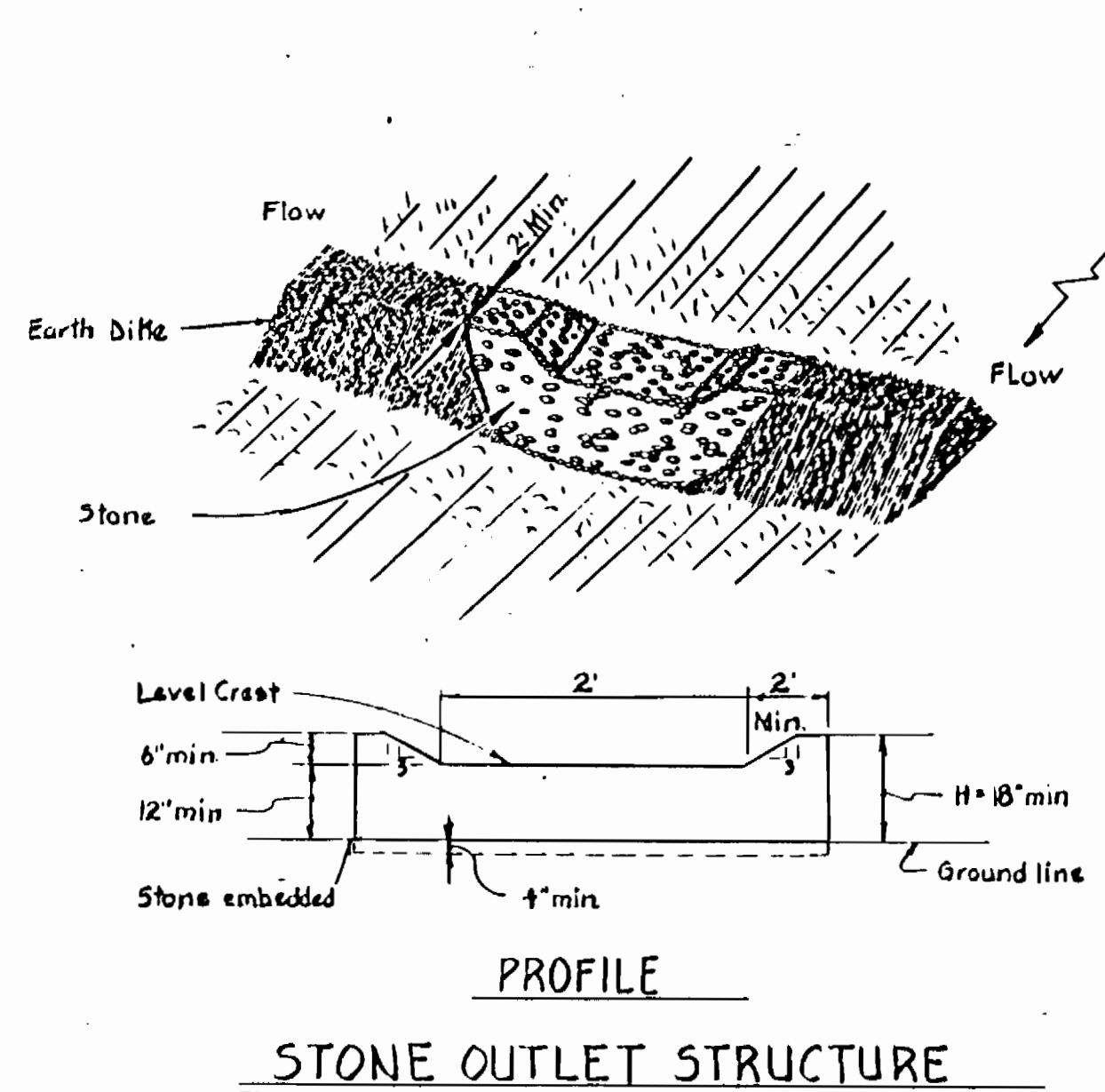


BENCH MARKS

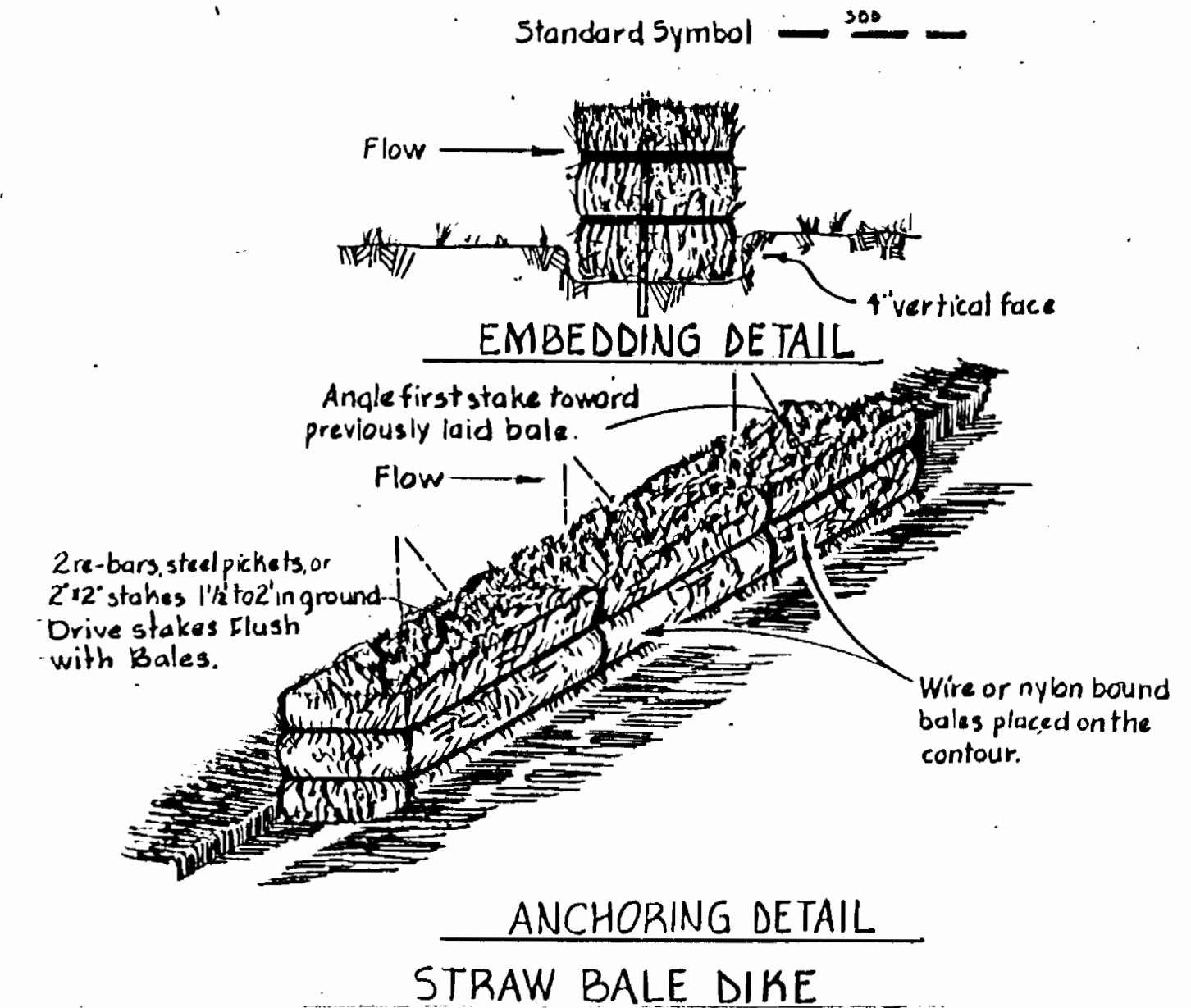
W.R.#A. BM# L-20-81 Elev. 363.10
 R.R. Spike in base of 14" Poplar, 3'± left of Sta. 0+60± between P.I.# L-188-81 and P.I.# L-189-81
 W.R.#A. BM# Hickory #33 Elev. 370.75
 R.R. Spike in trunk of 30" Oak, 17'± right of Sta. 0+44± between P.I.# L-92-81 and P.I.# W-133.



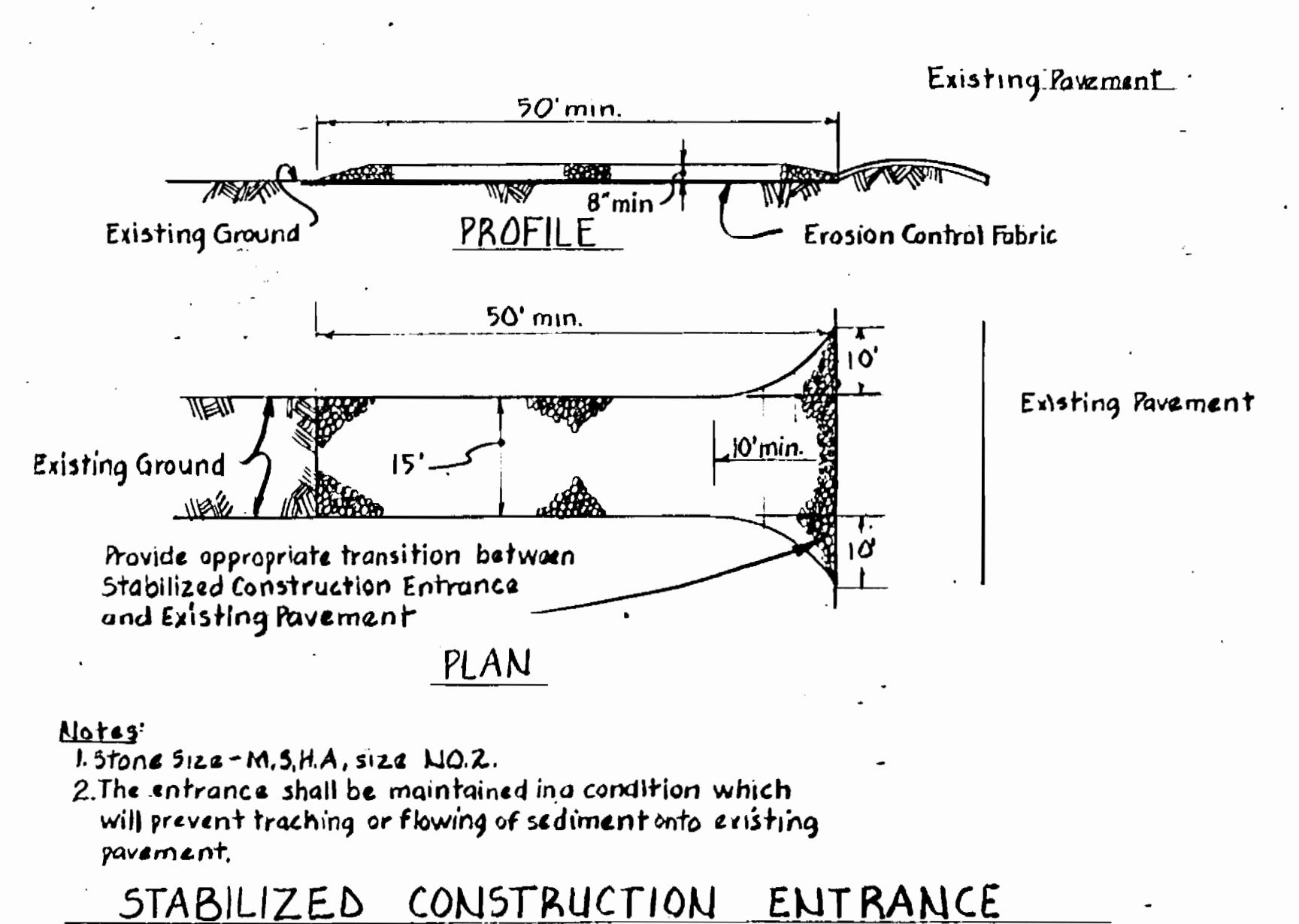
DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director of Public Works: <i>[Signature]</i> 11-17-86 Chief - Bureau of Utilities - DATE	WHITMAN, REQUARDT AND ASSOCIATES ENGINEERS 2315 ST. PAUL ST. BALTIMORE, MARYLAND Chief - Bureau of Engineering - DATE Chief - Land Development Division - DATE		DES. S.J.	BY NO.	REVISION	DATE	AS-BUILT PLAN & PROFILE OF WATER & SEWER MAINS 600' SCALE MAP NO. _____ BLOCK NO. _____	COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 3 AREA 13 ELECTION DISTRICT NO. 5 CONTRACT NO. 34-1492-D	SCALE AS SHOWN
			DRN. D.M.O.	R.B.N.	DATE	DATE			SHEET 9 OF 10



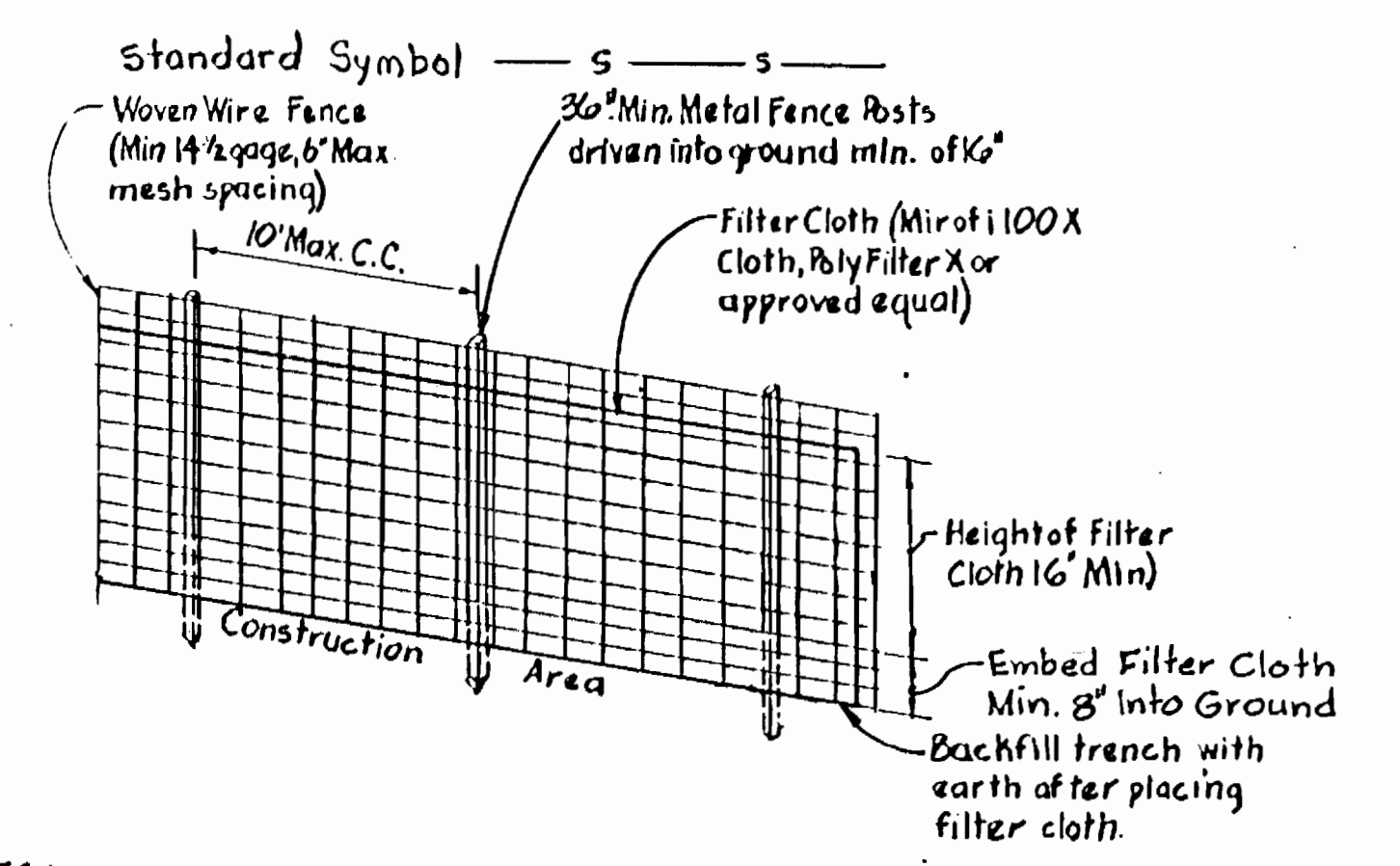
PROFILE
STONE OUTLET STRUCTURE



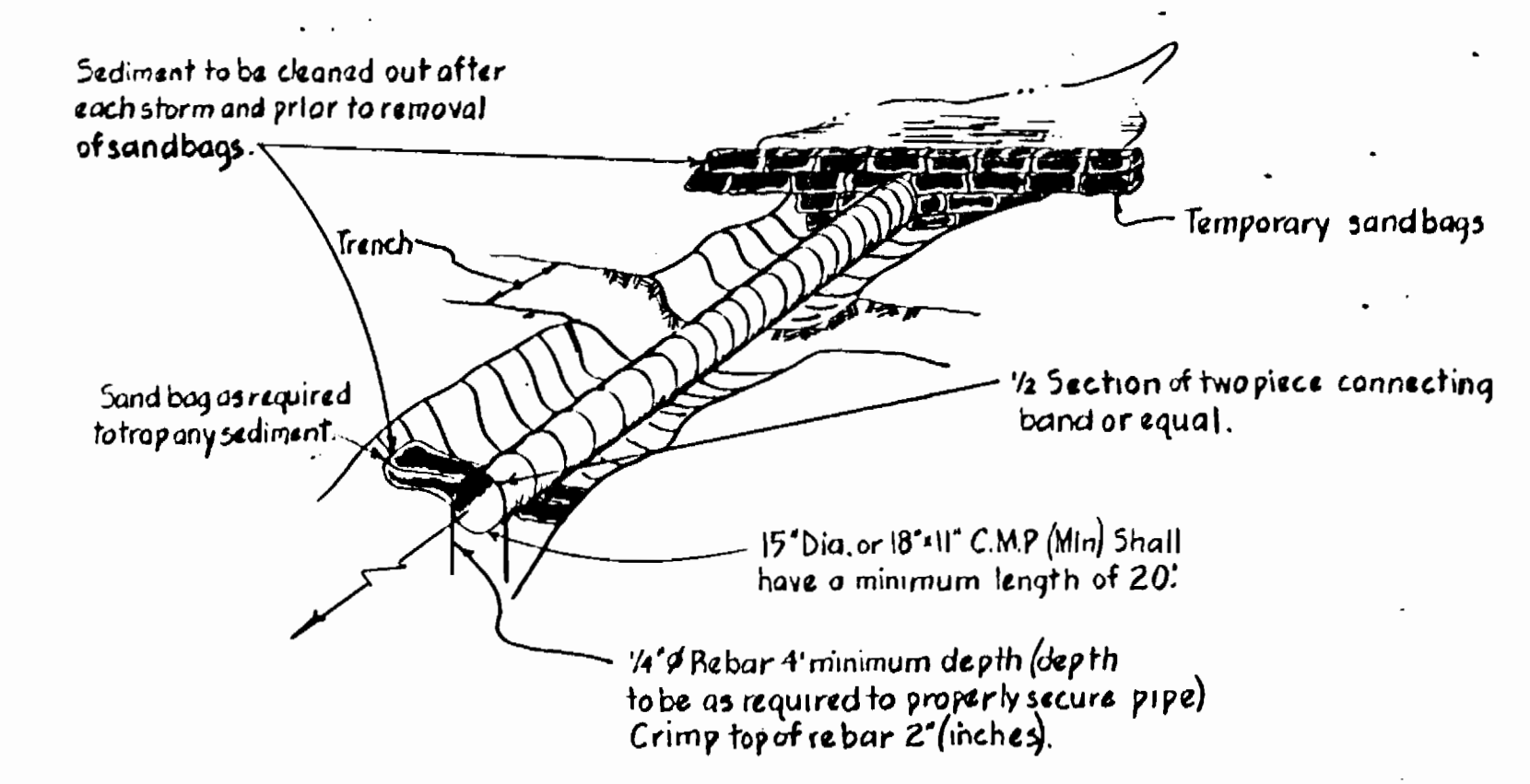
ANCHORING DETAIL
STRAW BALE DIKE



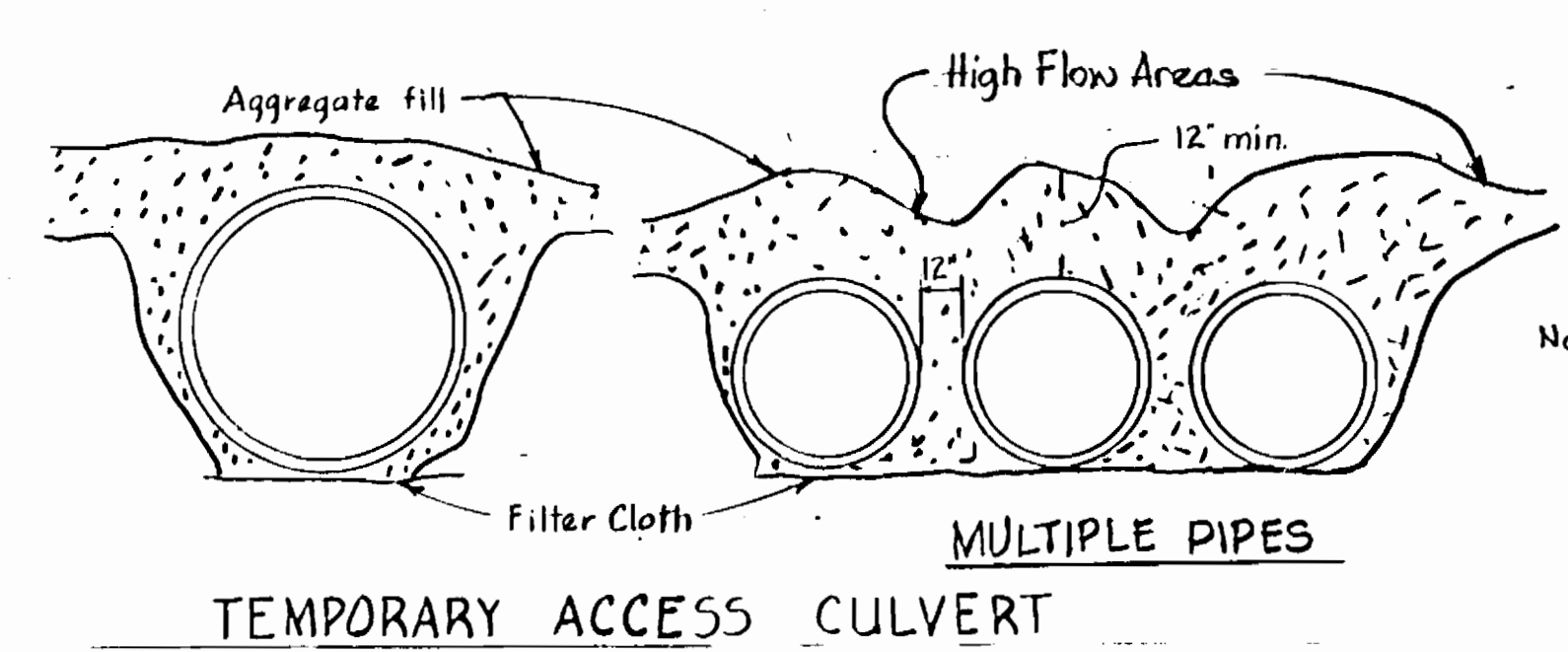
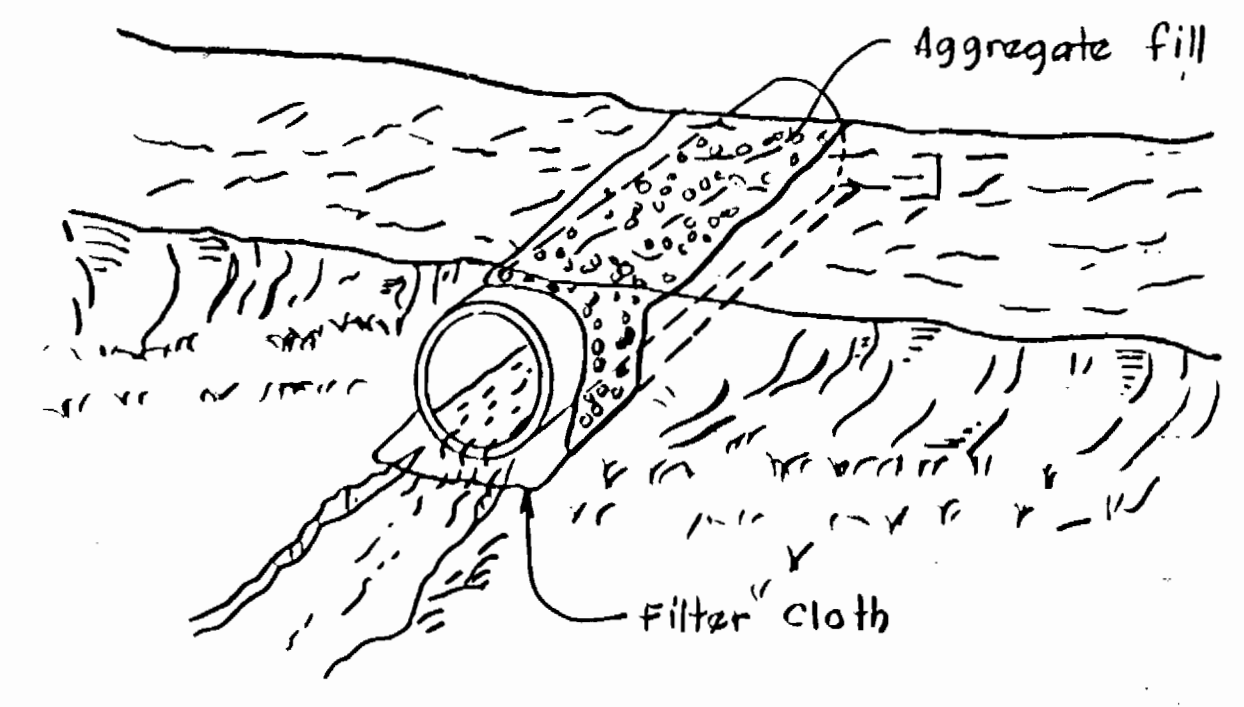
PROFILE
PLAN
Notes:
1. Stone Size - M.S.H.A. size NO. 2.
2. The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto existing pavement.
STABILIZED CONSTRUCTION ENTRANCE



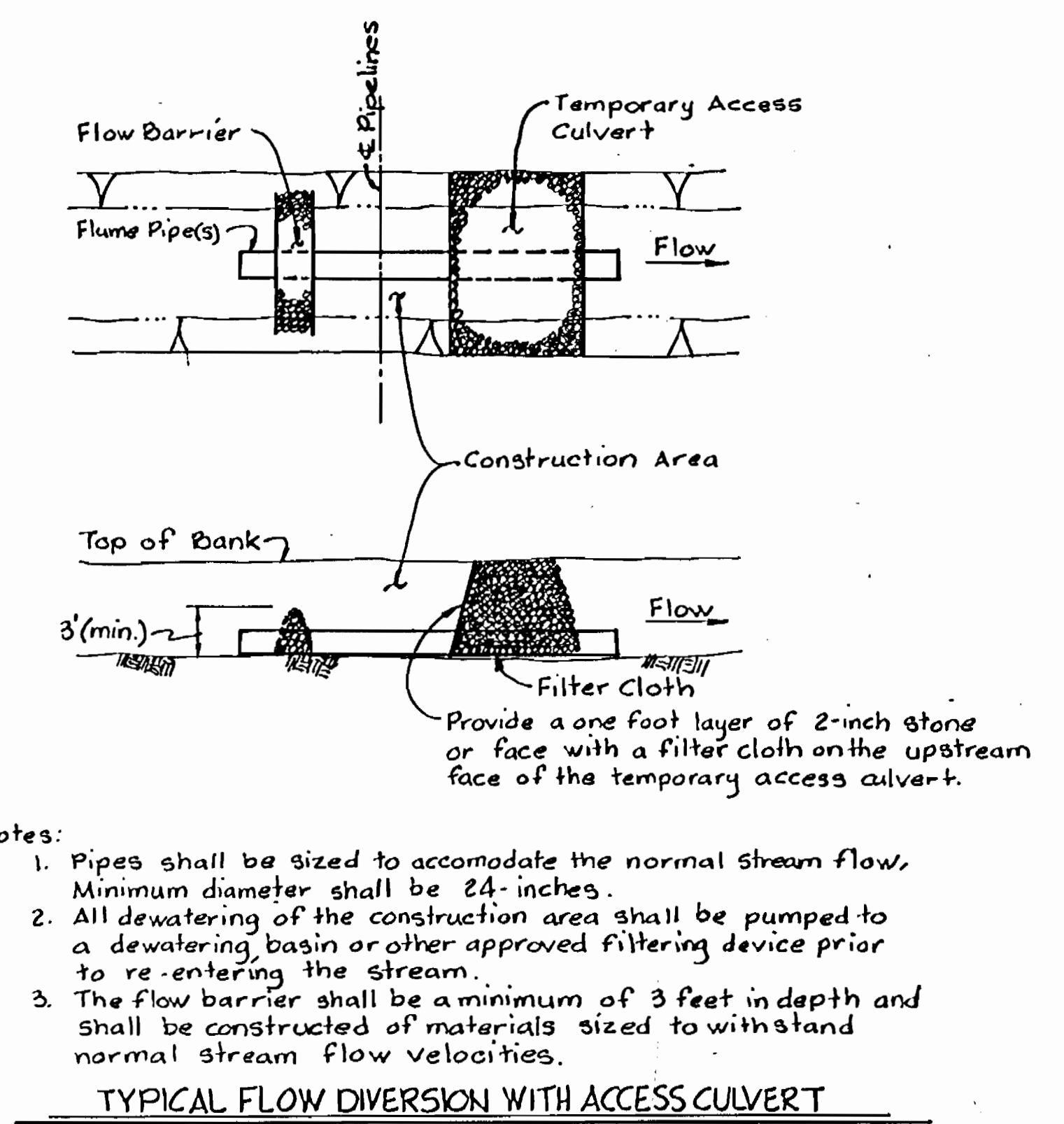
NOTES:
1. Woven wire fence to be fastened securely to fence posts by use of wire ties.
2. Filter cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" at top and mid section.
SILT FENCE DETAIL



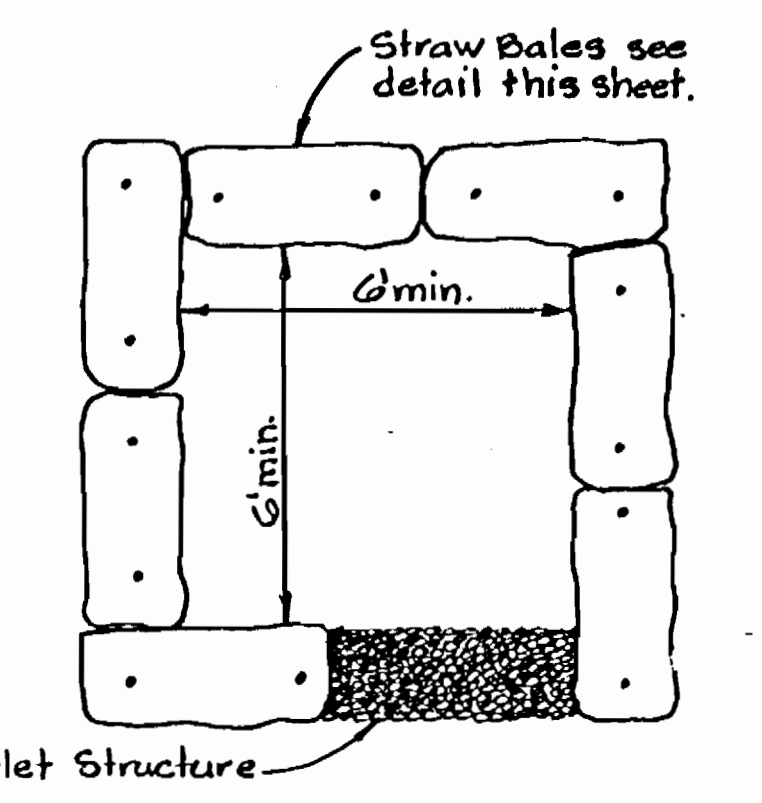
SOIL CONSERVATION MEASURES
AT SMALL STREAM CROSSING



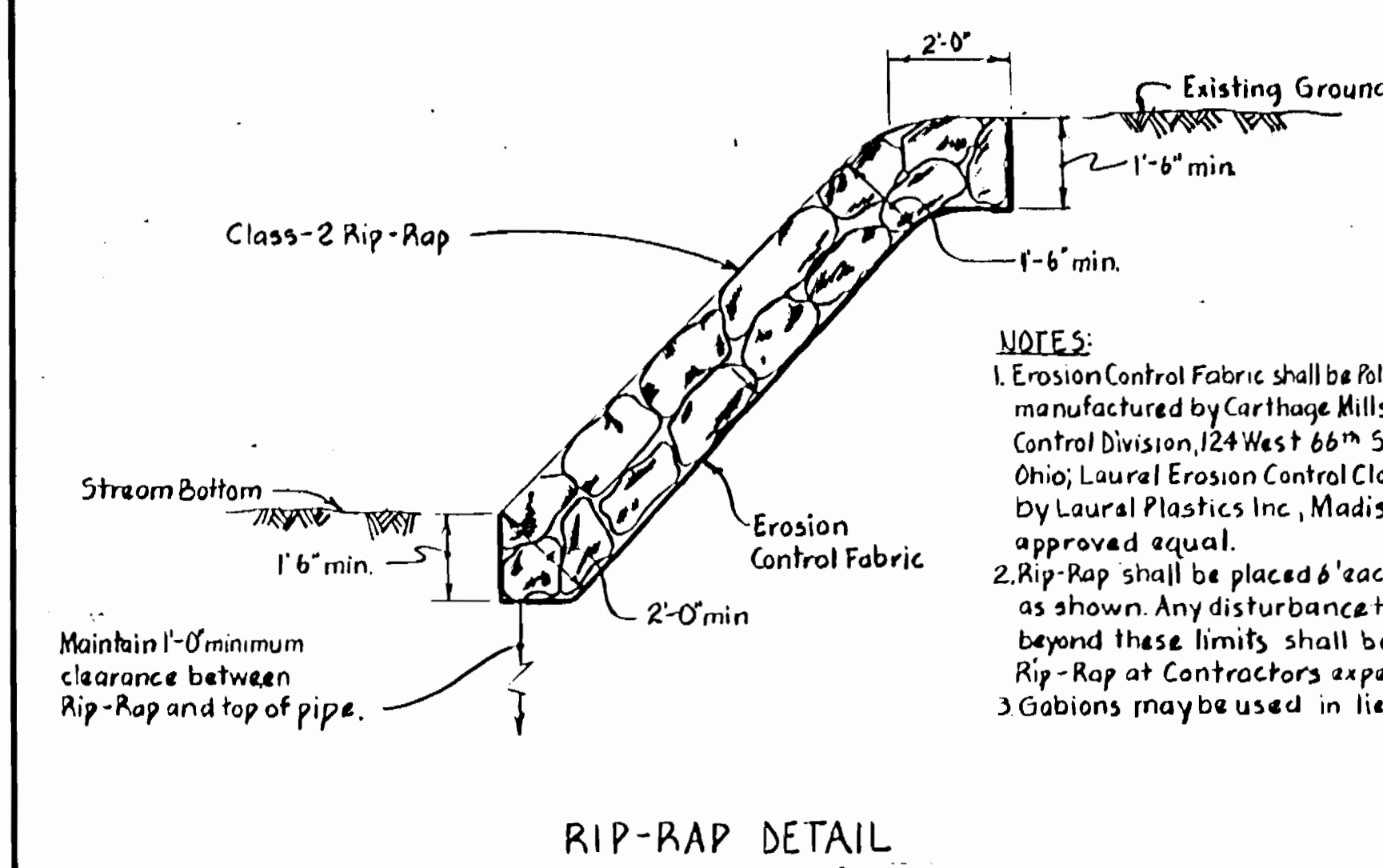
MULTIPLE PIPES
TEMPORARY ACCESS CULVERT



Notes:
1. Pipes shall be sized to accommodate the normal stream flow. Minimum diameter shall be 24 inches.
2. All dewatering of the construction area shall be pumped to a dewatering basin or other approved filtering device prior to re-entering the stream.
3. The flow barrier shall be a minimum of 3 feet in depth and shall be constructed of materials sized to withstand normal stream flow velocities.
TYPICAL FLOW DIVERSION WITH ACCESS CULVERT



Note:
Depth of structure from top of straw bales shall be 3' min.
STONE OUTLET STRUCTURE



RIP-RAP DETAIL

NOTES:
1. Erosion Control Fabric shall be Poly-Filter-X as manufactured by Carthage Mills, Inc., Erosion Control Division, 124 West 66th Street, Cincinnati, Ohio; Laurel Erosion Control Cloth as manufactured by Laurel Plastics Inc., Madison, Maine, or approved equal.
2. Rip-Rap shall be placed 6' each side of sewer or as shown. Any disturbance to stream banks beyond these limits shall be protected with Rip-Rap at Contractor's expense.
3. Gabions may be used in lieu of Rip-Rap.

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director of Public Works - DATE Chief - Bureau of Utilities - DATE	WHITMAN, REQUARDT AND ASSOCIATES ENGINEERS 2315 ST. PAUL ST. BALTIMORE, MARYLAND	STATE OF MARYLAND KENNETH A. MCCORD 1974 REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR	DES: S.J.					SEDIMENT CONTROL DETAILS AS BUILT	COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 3 AREA 13 ELECTION DISTRICT NO 5 CONTRACT NO. 34-1492-D	SCALE AS SHOWN
			DRN: G.T.F.							
			CHK: R.B.N.							
			DATE:							
				BY NO.	REVISION	DATE	600' SCALE MAP NO.	BLOCK NO.		