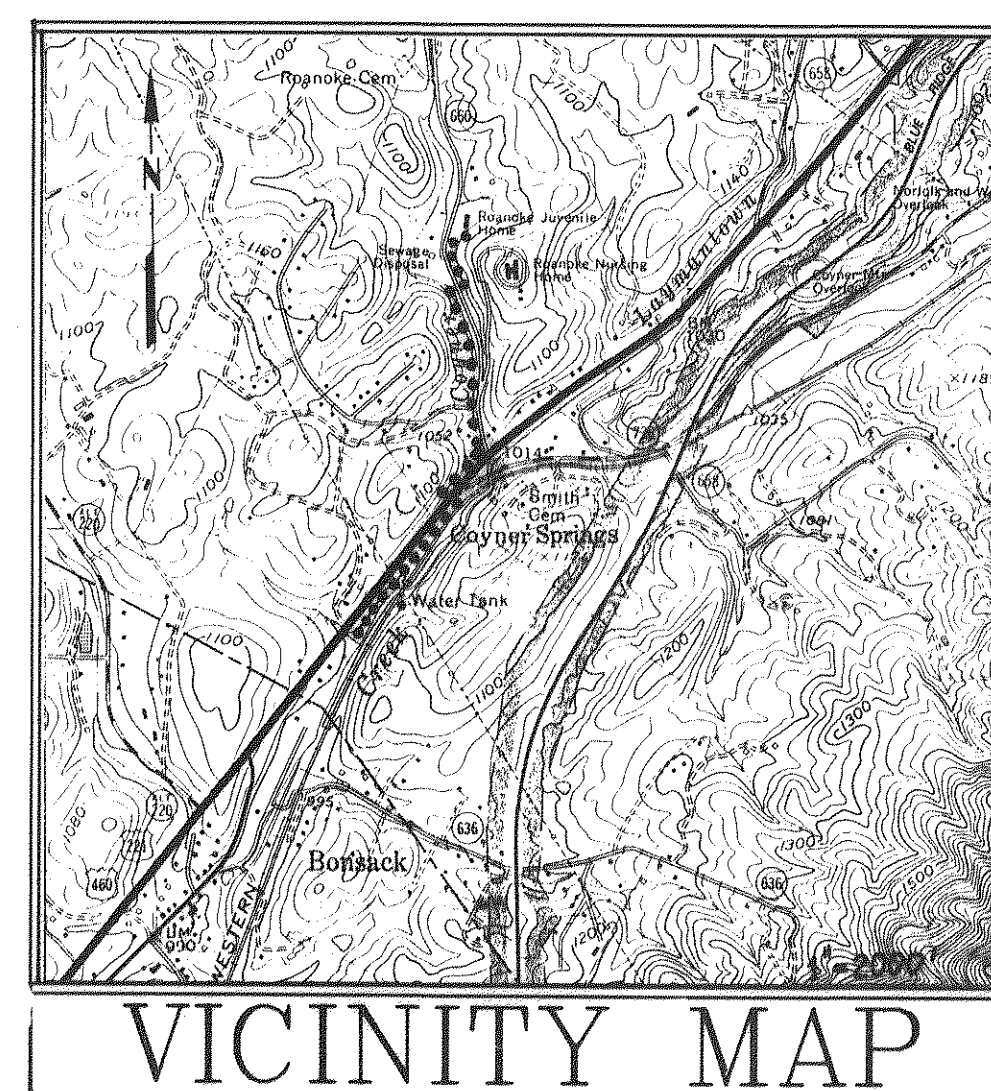


PROJECT NAME: AB Nylas
DATE: Sept. 1988 Dec 1989
TYPE: Sewer Line Ext
LOCATION: Botetourt Co
TOTAL # SHEETS: 7
A/E FIRM: C.W. Engineers
OF SETS: 1

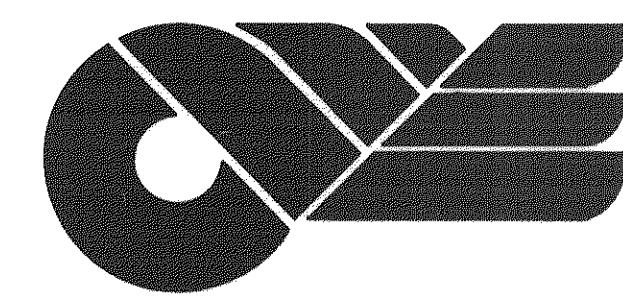
COYNER SPRINGS



SEWER LINE EXTENSION

BOTETOURT COUNTY, VIRGINIA

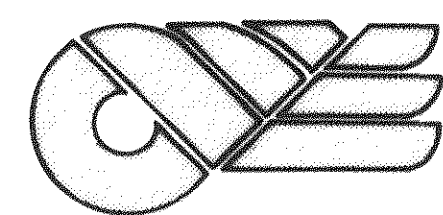
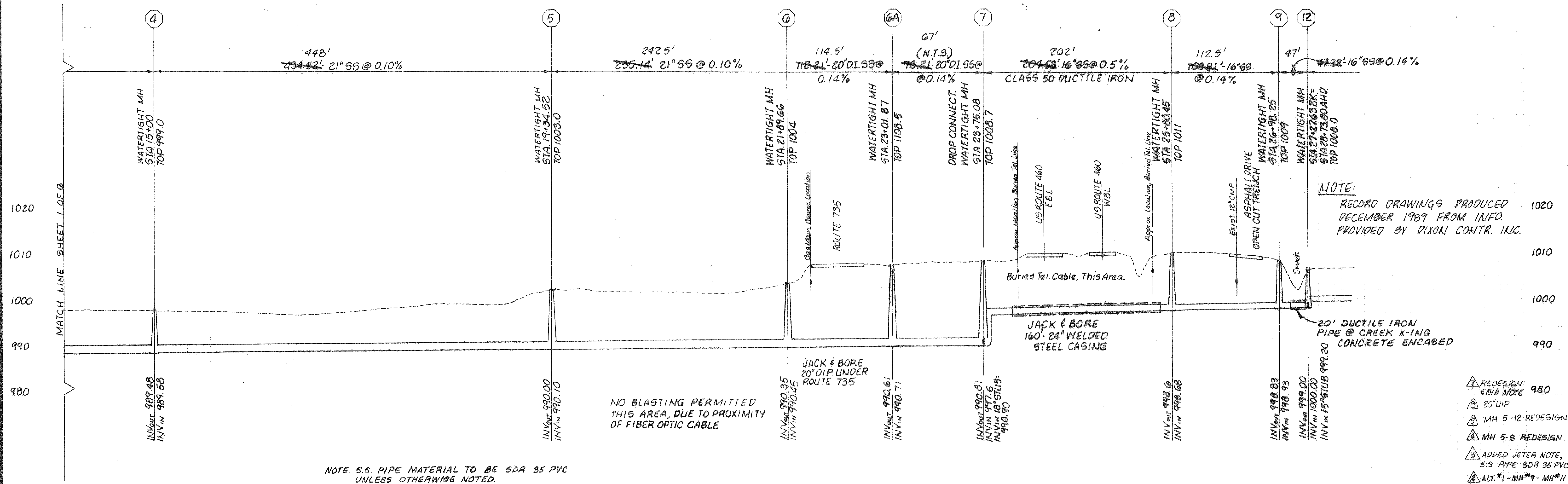
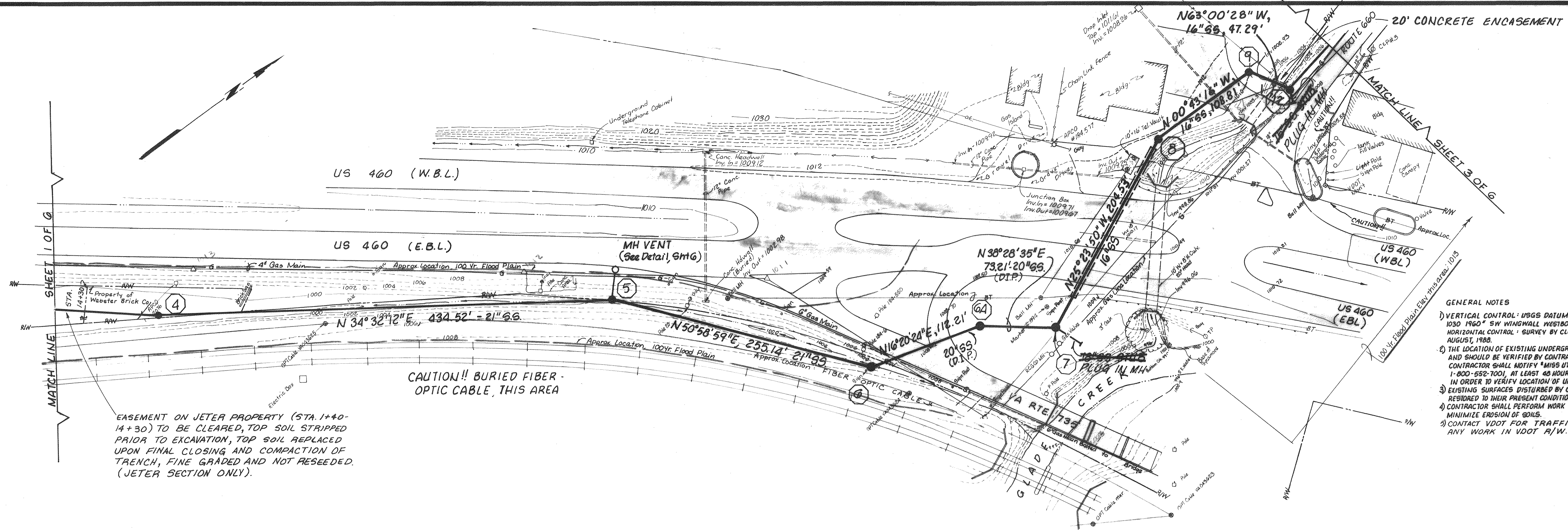
NOTE:
RECORD DRAWINGS PRODUCED DECEMBER 1989
FROM "AS BUILT" INFORMATION PROVIDED
BY DIXON CONTRACTING INC.



CLEAN WATER ENGINEERS, INC.
P.O. BOX 218
FINCASTLE, VIRGINIA 24090

PROJECT NO. F-88060
DATE: SEPTEMBER, 1988

RECORD DRAWINGS
DECEMBER 1989



CLEAN WATER ENGINEERS, INC.

P.O. BOX 218
FINCASTLE, VIRGINIA 24090

**COYNER SPRINGS
SEWER LINE EXTENSION
BOTETOURT COUNTY, VIRGINIA**

RECORD DRAWINGS
DEC. 1989

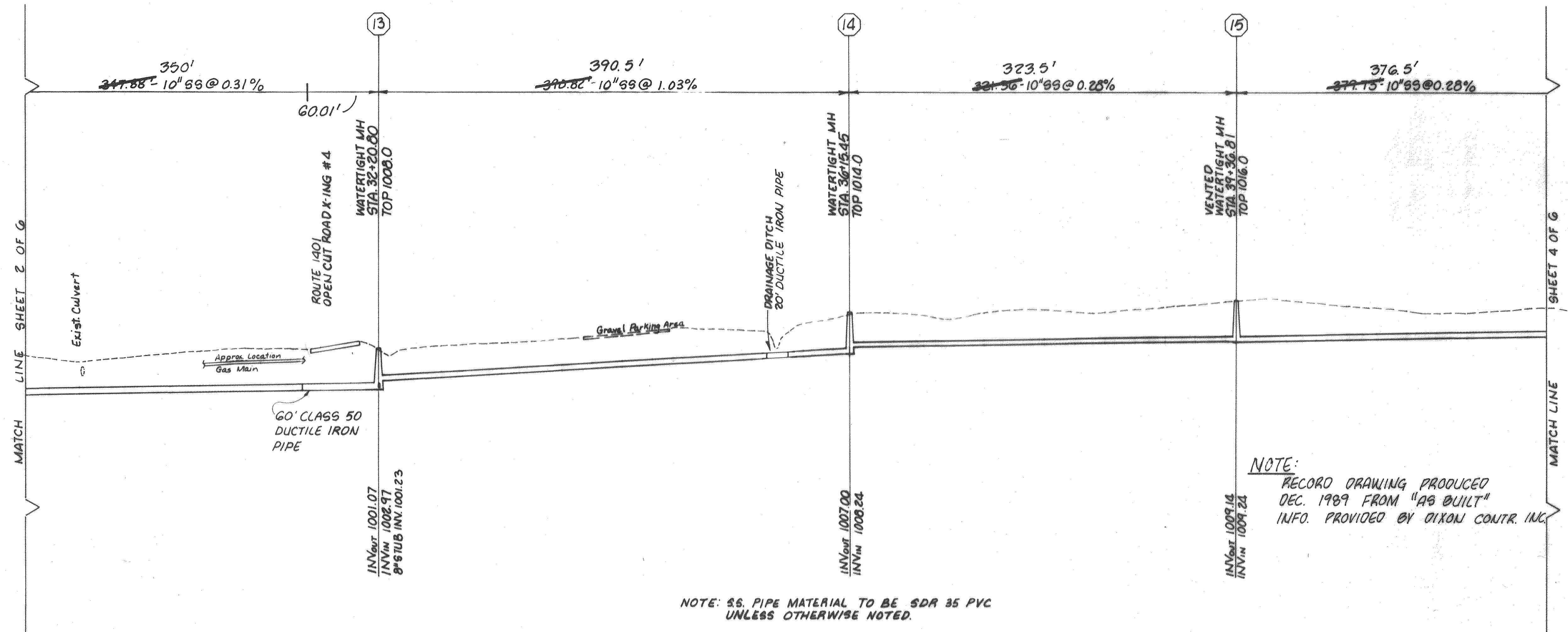
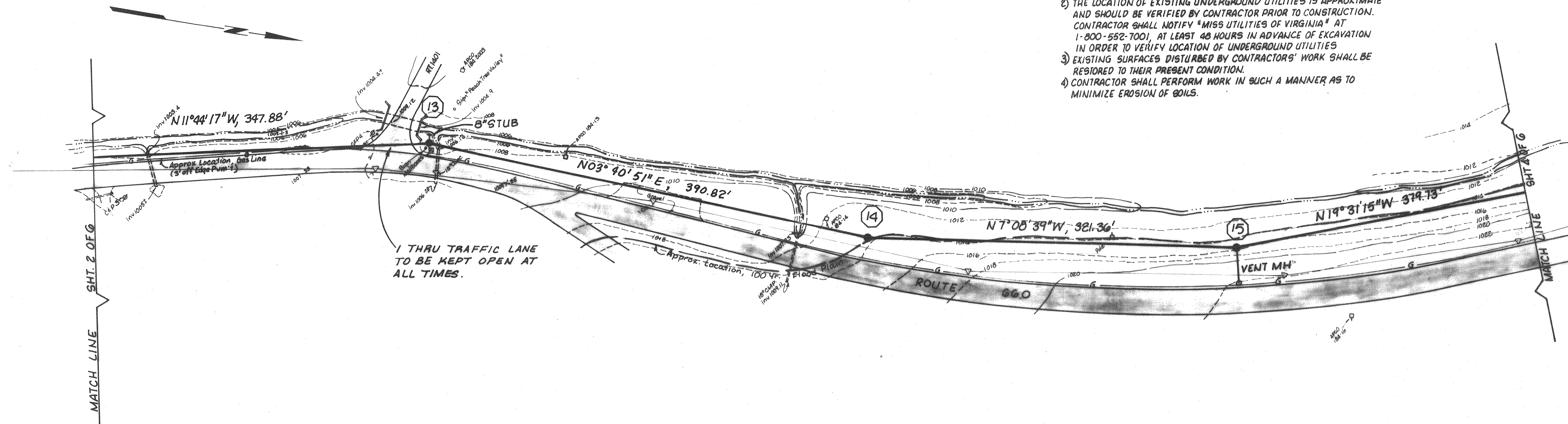
David J. Rigby

REVISIONS		
NO.	DATE	BY
1	10-14-88	CEG
2	2/7/89	HRS
3	3/3/89	HRS
4	4/25/89	DJR
5	6-4-89	DJR
6	8-12-89	DJR

DESIGNED: DJR	SHEET: 2 OF 6
DRAWN: LHJ	SCALE: HORIZ. 1"=50' VERT. 1"=10'
CHECKED: LHJ	DATE: SEPT. 1988
APPROVED: DJR	PROJECT: 88060

GENERAL NOTES

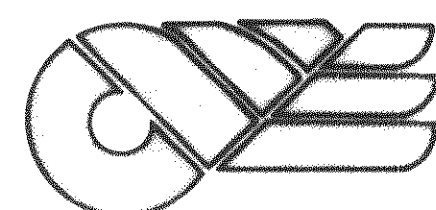
- 1) VERTICAL CONTROL: 1985 DATUM. BENCHMARK: DISK #115 WSM 1030 1960" SW WINGWALL WESTBOUND LANE 460. EL: 1030.60
HORIZONTAL CONTROL: SURVEY BY CLEAN WATER ENGINEERS, INC. AUGUST, 1988.
- 2) THE LOCATION OF EXISTING UNDERGROUND UTILITIES IS APPROXIMATE AND SHOULD BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY "MISS UTILITIES OF VIRGINIA" AT 1-800-552-7001, AT LEAST 48 HOURS IN ADVANCE OF EXCAVATION IN ORDER TO VERIFY LOCATION OF UNDERGROUND UTILITIES.
- 3) EXISTING SURFACES DISTURBED BY CONTRACTORS' WORK SHALL BE RESTORED TO THEIR PRESENT CONDITION.
- 4) CONTRACTOR SHALL PERFORM WORK IN SUCH A MANNER AS TO MINIMIZE EROSION OF SOILS.



NOTE: S.S. PIPE MATERIAL TO BE SDR 35 PVC UNLESS OTHERWISE NOTED.

NOTE: RECORD DRAWING PRODUCED DEC. 1989 FROM "AS BUILT" INFO. PROVIDED BY DIXON CONTR. INC.

- △ REVISED DISTANCE 6-21
- △ ADDED D.I.R. NOTE
- △ REVISED DISTANCE 12-13
- △ ADDED S.S. PIPE SDR 35 PVC

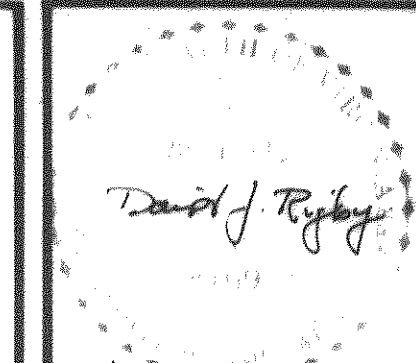


CLEAN WATER ENGINEERS, INC.

P.O. BOX 218
FINCASTLE, VIRGINIA 24090

COYNER SPRINGS
SEWER LINE EXTENSION
BOTETOURT COUNTY, VIRGINIA

RECORD DRAWINGS
DEC. 1989

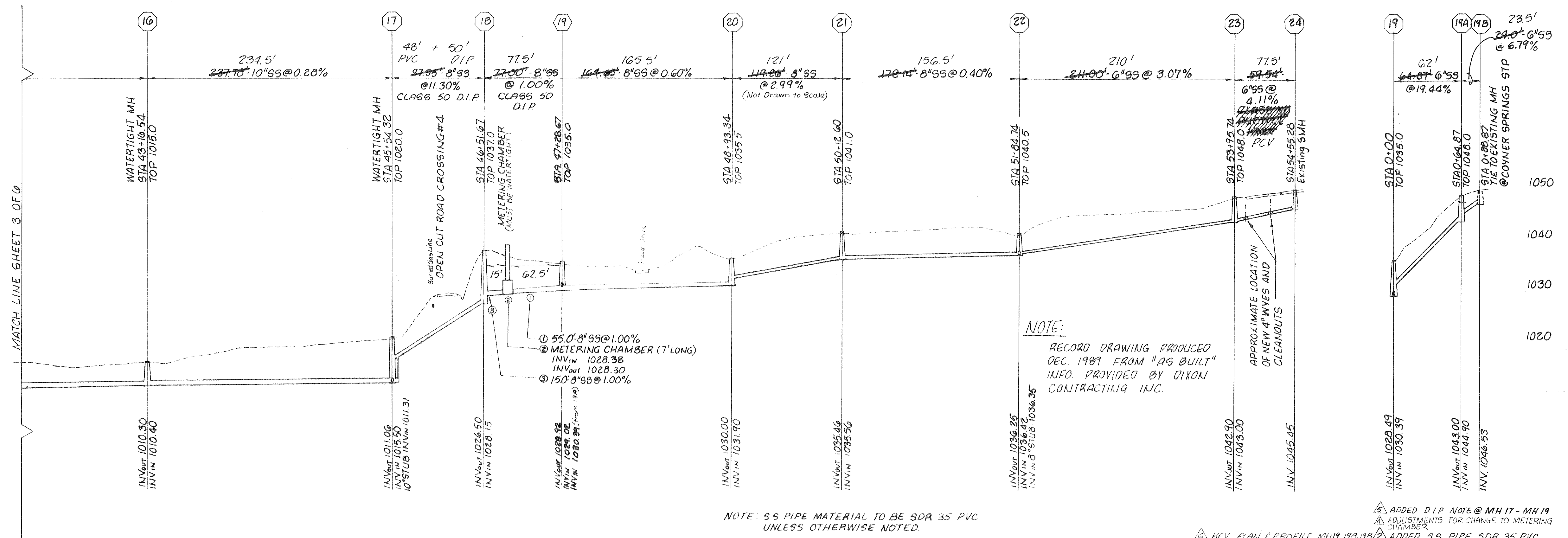
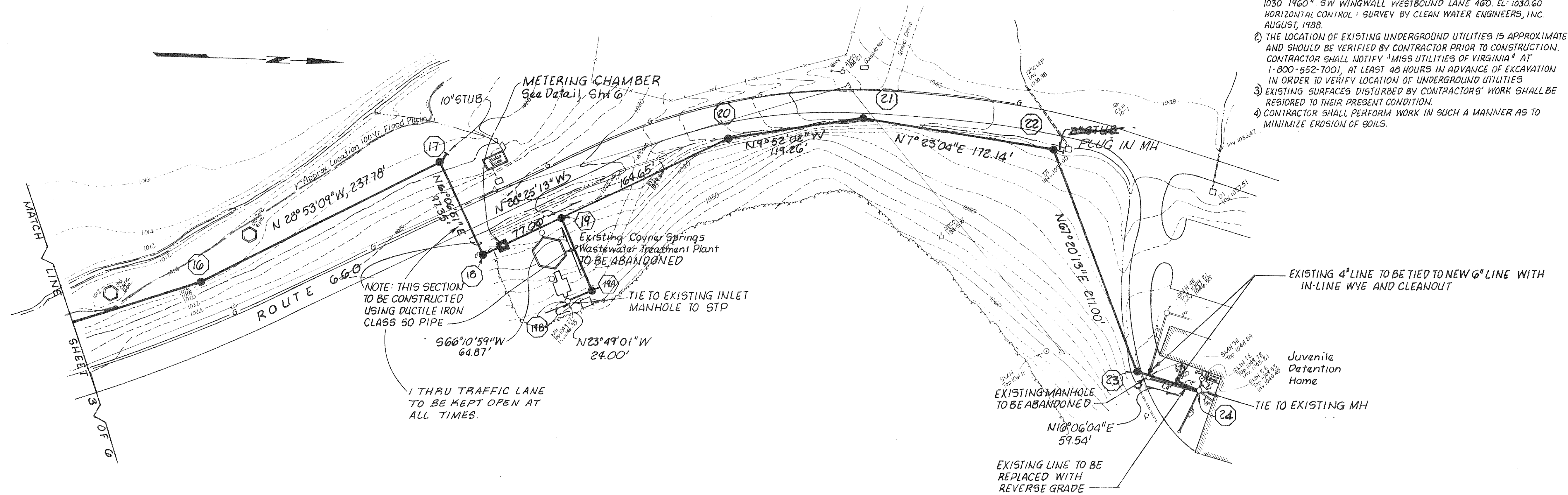


REVISIONS		
NO	DATE	BY
1	3/3/89	KAS
2	4/25/89	DJR
3	6/19/89	WGP
4	6/21/89	DJR

DESIGNED: DJR	SHEET: 3 OF 6
DRAWN: LHJ/JRM	SCALE: HORIZ. 1"=50' VERT. 1"=10'
CHECKED: LHJ	DATE: SEPT., 1988
APPROVED: DJR	PROJECT: 88060

GENERAL NOTES

- 1) VERTICAL CONTROL: USGS DATUM. BENCHMARK: DISK #115 WSM 1030.1960" SW WINGWALL WESTBOUND LANE 460. EL: 1030.60
HORIZONTAL CONTROL: SURVEY BY CLEAN WATER ENGINEERS, INC. AUGUST, 1988.
- 2) THE LOCATION OF EXISTING UNDERGROUND UTILITIES IS APPROXIMATE AND SHOULD BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY "MISS UTILITIES OF VIRGINIA" AT 1-800-552-7001, AT LEAST 48 HOURS IN ADVANCE OF EXCAVATION IN ORDER TO VERIFY LOCATION OF UNDERGROUND UTILITIES.
- 3) EXISTING SURFACES DISTURBED BY CONTRACTORS' WORK SHALL BE RESTORED TO THEIR PRESENT CONDITION.
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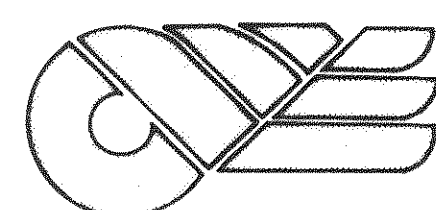


NOTE: S.S. PIPE MATERIAL TO BE SDR 35 PVC UNLESS OTHERWISE NOTED.

NOTE:

RECORD DRAWING PRODUCED DEC. 1989 FROM "AS BUILT" INFO. PROVIDED BY OIKON CONTRACTING INC.

- 5. ADDED D.I.P. NOTE @ MH 17 - MH 19
- 6. ADJUSTMENTS FOR CHANGE TO METERING CHAMBER
- 7. REV. PLAN & PROFILE, MH 19, 19A, 19B
- 8. ADDED S.S. PIPE SDR 35 PVC



CLEAN WATER ENGINEERS, INC.

P.O. BOX 218
FINCASTLE, VIRGINIA 24090

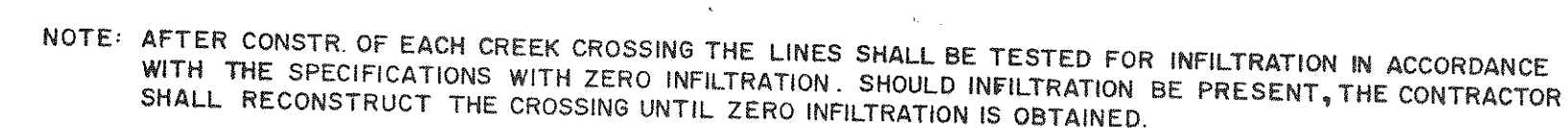
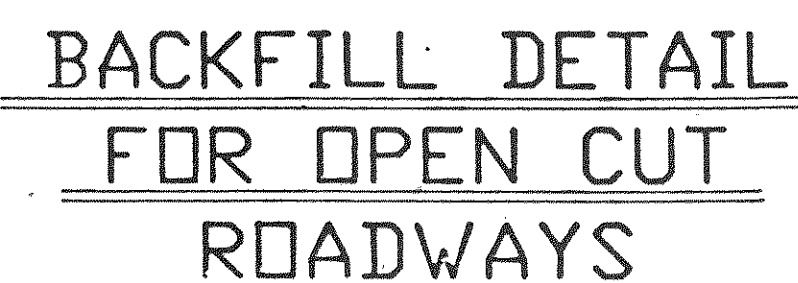
COYNER SPRINGS
SEWER LINE EXTENSION
BOTETOURT COUNTY, VIRGINIA

RECORD DRAWINGS
DEC. 1989

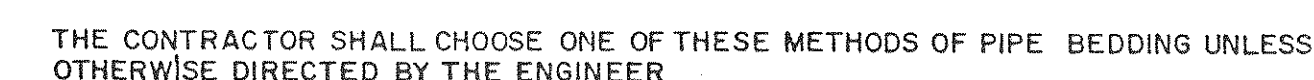
David J. Rigby

REVISIONS		
NO.	DATE	BY
1	10-14-88	CES
2	3-3-89	KRS
3	4-25-89	DJR
4	6-7-89	LHJ

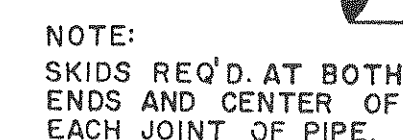
DESIGNED: DJR	SHEET: 4 OF 6
DRAWN: LHJ	SCALE: HORIZ. 1"=50' VERT. 1"=10'
CHECKED: LHJ	DATE: SEPT., 1988
APPROVED: DJR	PROJECT: 88060



TYPICAL CREEK CROSSING AND BANK PROTECTION



BEDDING DETAIL



SKID DETAIL



COYNER SPRINGS
SEWER LINE EXTENSION
BOTETOURT COUNTY, VIRGINIA

REVISIONS			DESIGNED: N/A	SHEET: 5 OF 6
NO.	DATE	BY	DRAWN: N/A	SCALE: NONE
			CHECKED: DJR	DATE: SEPT 1988
			APPROVED: DJR	PROJECT: 88060

