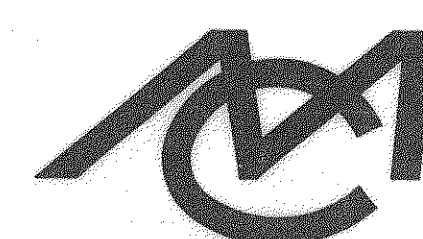
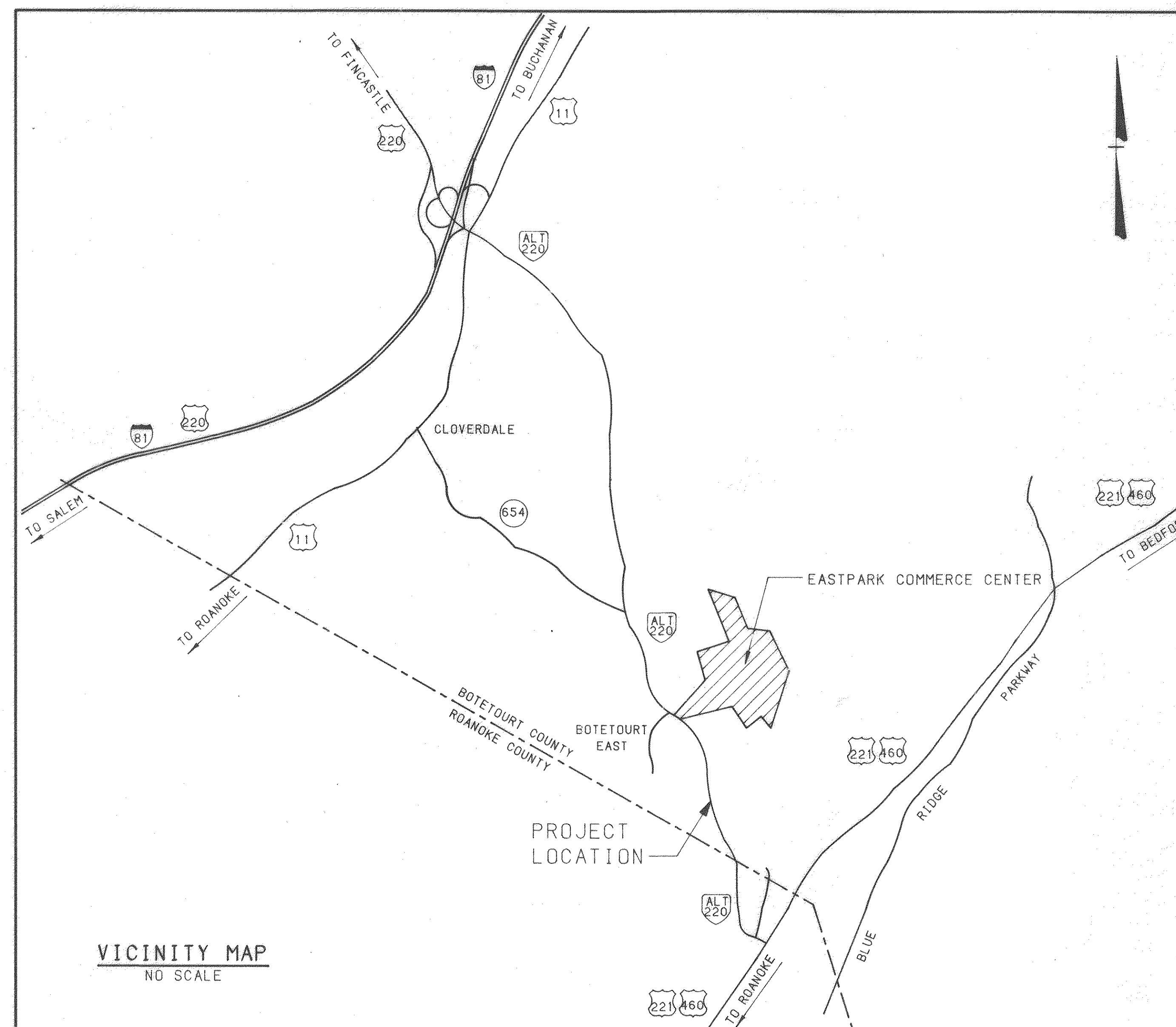
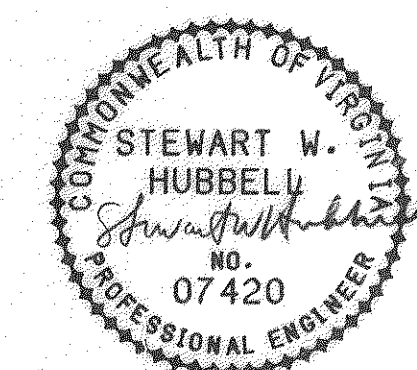


WATER AND SANITARY SEWER EXTENSIONS TO SERVE EASTPARK COMMERCE CENTER BOTETOURT COUNTY, VIRGINIA

PROJECT NAME: AB Nylars water
DATE: April 1991
TYPE: Project
LOCATION: Botetourt
TOTAL # SHEETS: 14
A/E FIRM: Mattern & Craig
OF SETS: 1



Mattern & Craig
CONSULTING ENGINEERS - SURVEYORS
ROANOKE, VIRGINIA

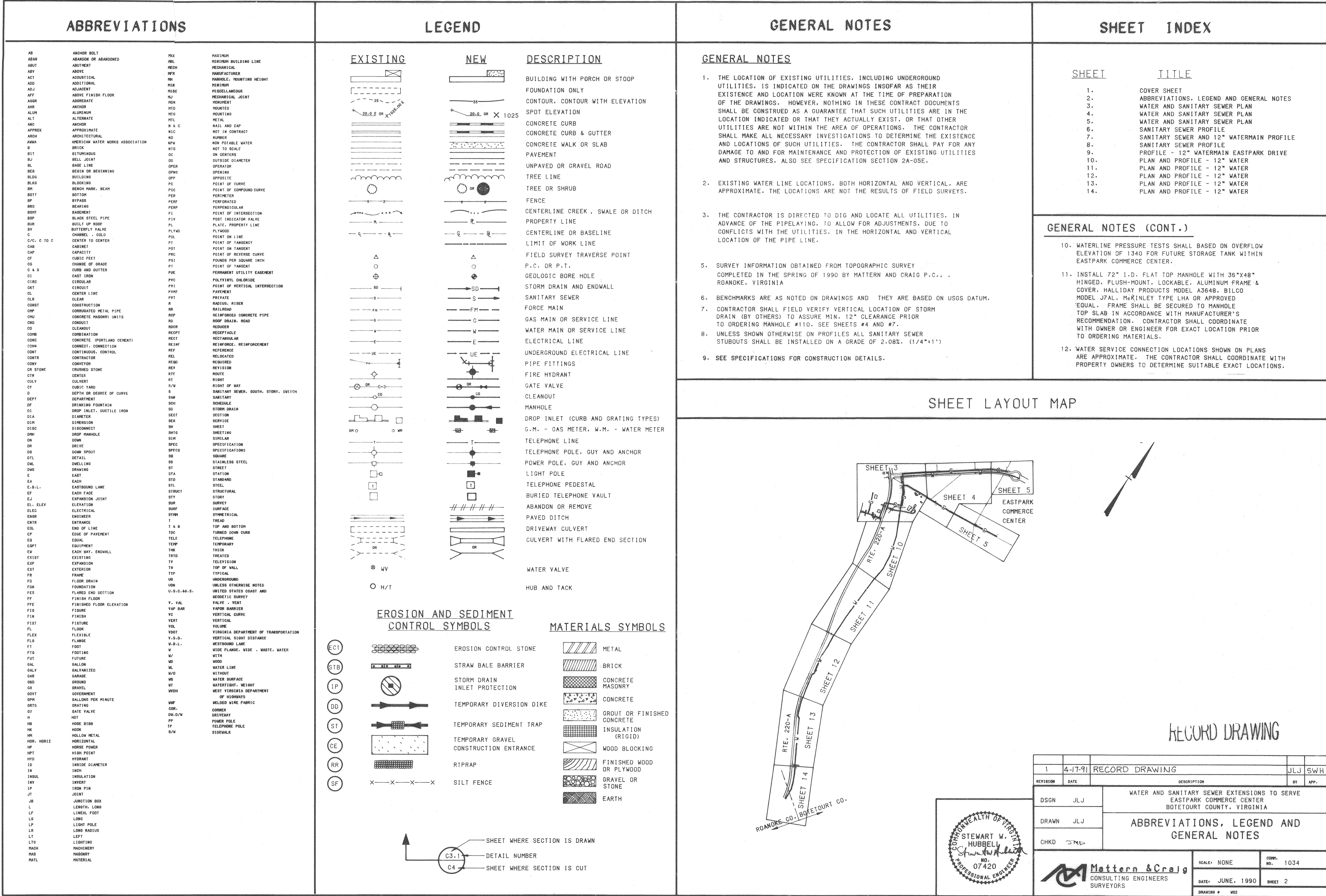


RECORD DRAWING

APR 17 1991

COMM. NO. 1034

SET NO. _____



12" WATERMAIN COORDINATE TABLE

P.I.#	NORTHING	EASTING
161A	9861.4529	10483.4183
150	9740.7846	10642.4696

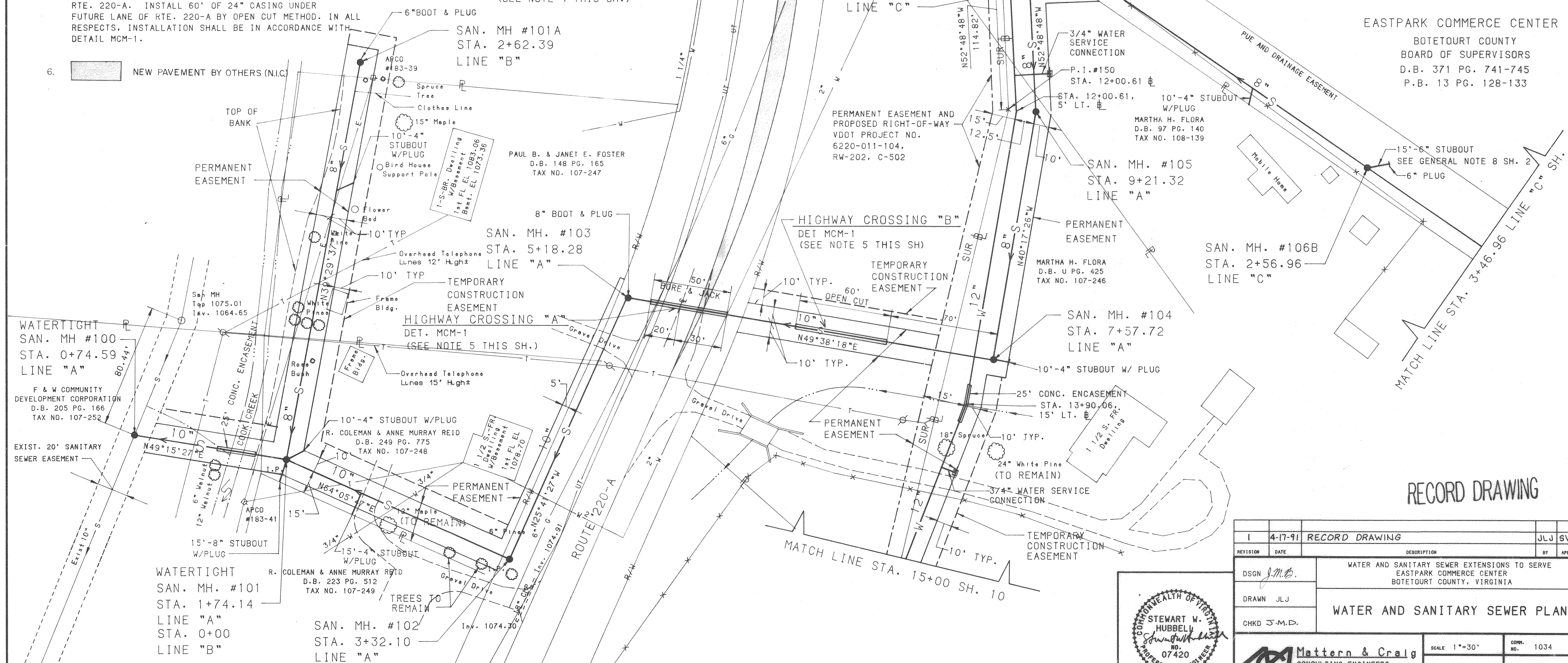
NOTES:

- FOR SANITARY SEWER PROFILE STA. 0+74.59 TO STA. 14+50 LINE "A" SEE SH. 6.

FOR SANITARY SEWER PROFILE STA. 0+00 TO STA. 2+62.39 LINE "B" SEE SH. 7.

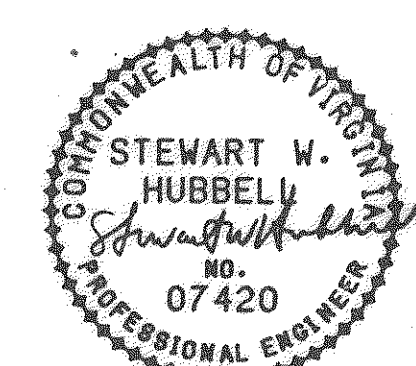
FOR SANITARY SEWER PROFILE STA. 0+02 TO STA. 3+46.96 LINE "C" SEE SH. 8.
- FOR 12" WATERMAIN PROFILE ALONG RTE. 220A STA. 9+65 TO STA 15+00 SEE SH. 7.
- FOR 12" WATERMAIN PROFILE ALONG EASTPARK DRIVE SEE SH. 9.
- 133'-24" CASING PIPE REQ'D. FOR FUTURE UTILITY. BORE # & JACK 60' UNDER EXISTING RTE. 220-A. REMAINING 73' MAY BE OPEN-CUT. SEAL ENDS WITH 3/4" MARINE PLYWOOD. IN ALL OTHER RESPECTS, INSTALLATION SHALL BE IN ACCORDANCE WITH DETAIL MCM-1. FOR PROFILE SEE SH. 8.
- BORE & JACK 50'-24" CASING FOR SAN. SEWER UNDER EXISTING RTE. 220-A. INSTALL 60' OF 24" CASING UNDER FUTURE LANE OF RTE. 220-A BY OPEN CUT METHOD. IN ALL RESPECTS, INSTALLATION SHALL BE IN ACCORDANCE WITH DETAIL MCM-1.

6.  NEW PAVEMENT BY OTHERS (N.I.C.)

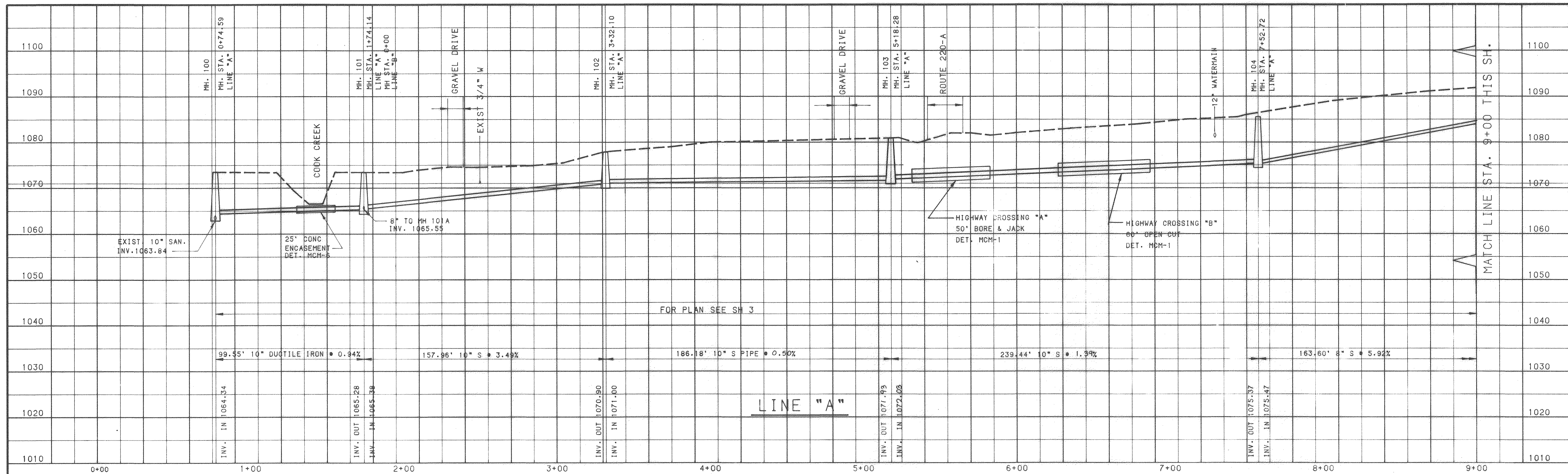


RECORD DRAWING

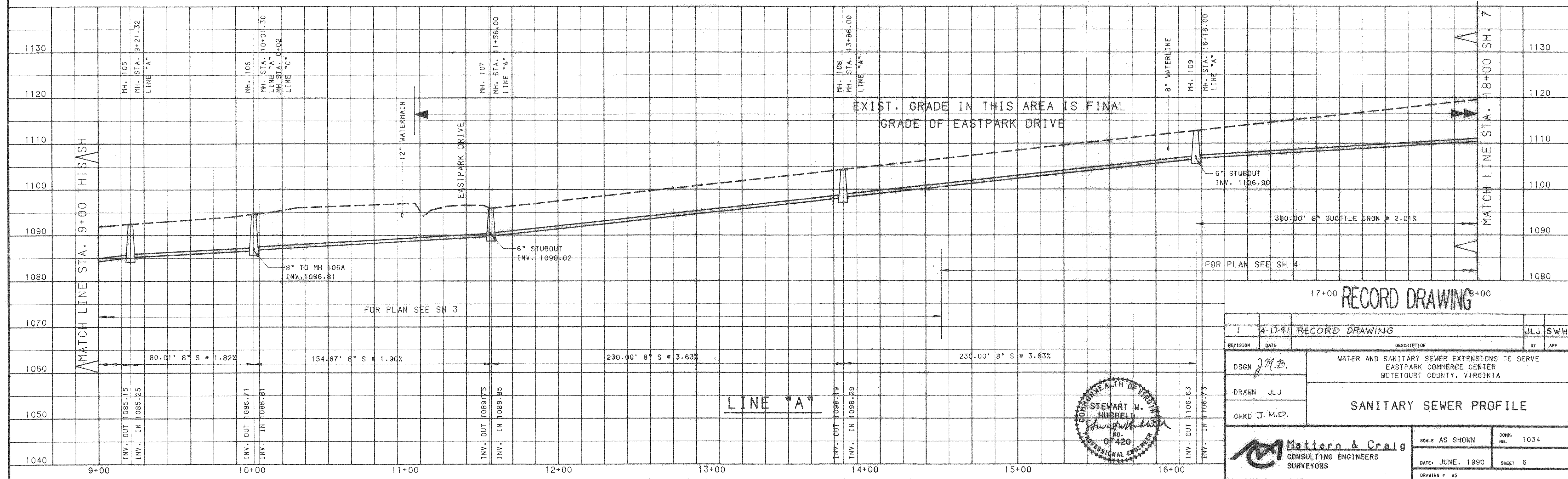
1	4-17-91	RECORD DRAWING	JLJ	SWH
REVISION	DATE	DESCRIPTION	BY	APP
DSGN	J.M.B.	WATER AND SANITARY SEWER EXTENSIONS TO SERVE EASTPARK COMMERCE CENTER BOTETOURT COUNTY, VIRGINIA		
DRAWN	JLJ			
CHKD	J.M.D.			
		WATER AND SANITARY SEWER PLAN		
		SCALE 1"=30'	CORN. NO.	1034
		DATE: JUNE, 1990	SHEET	3
		DRAWING # 51		



Mattern & Craig
CONSULTING ENGINEERS
SURVEYORS



SCALE: HORIZ. 1"=30'
VERT. 1"=10'



17+00 **RECORD DRAWING** 18+00

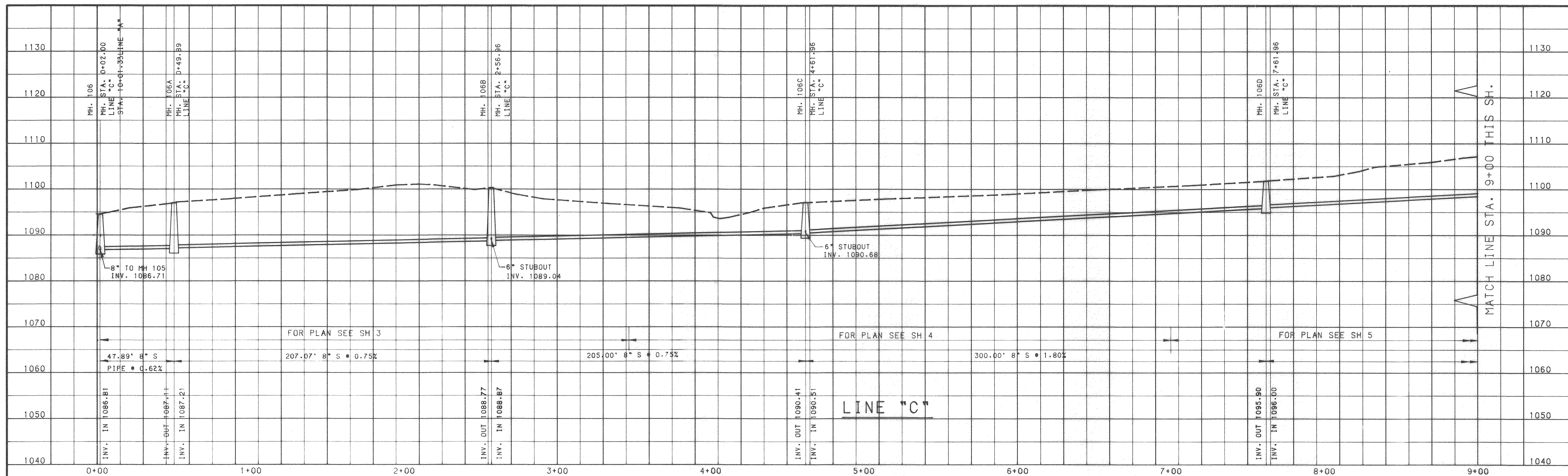
1	4-17-91	RECORD DRAWING	JLJ	SWH
REVISION	DATE	DESCRIPTION	BY	APP
DSGN	J.M.D.	WATER AND SANITARY SEWER EXTENSIONS TO SERVE EASTPARK COMMERCE CENTER BOTETOURT COUNTY, VIRGINIA		
DRAWN	JLJ			
CHKD	J.M.D.			

SANITARY SEWER PROFILE

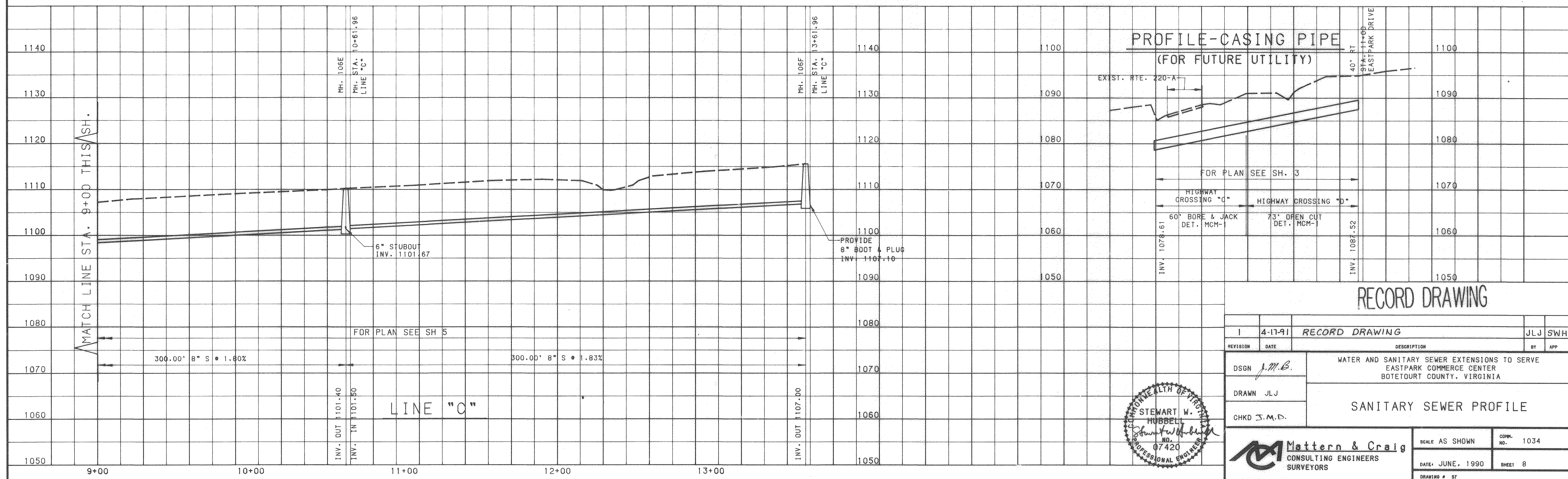
SCALE AS SHOWN	CORR. NO. 1034
DATE: JUNE, 1990	SHEET 6
DRAWING # 55	

Mattern & Craig
CONSULTING ENGINEERS
SURVEYORS

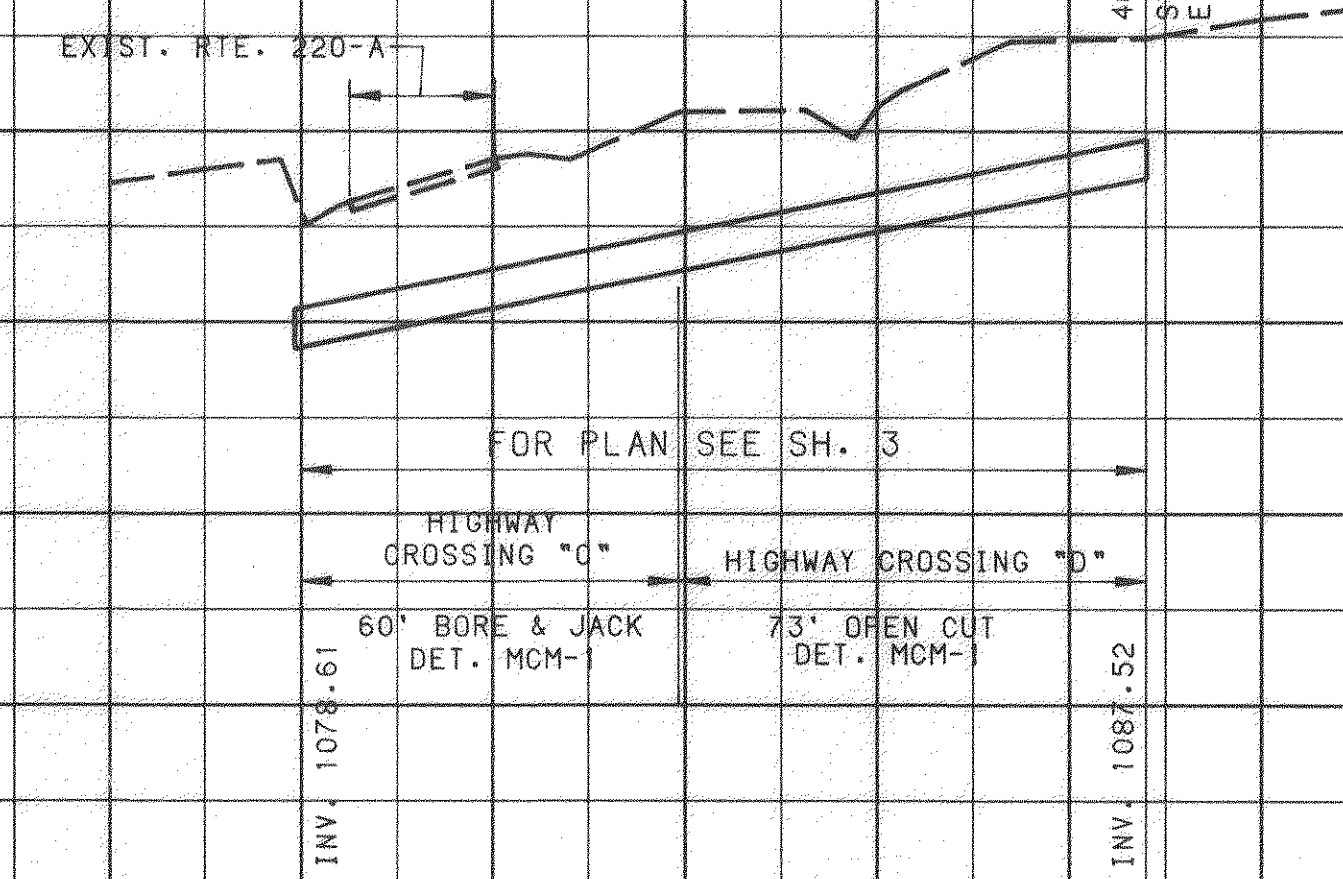
STEWART W. HUBBELL
PROFESSIONAL ENGINEER
NO. 07420



SCALE: HORIZ. 1"=30'
VERT. 1"=10'

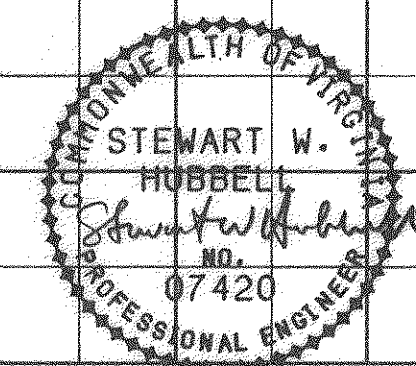


PROFILE-CASING PIPE (FOR FUTURE UTILITY)

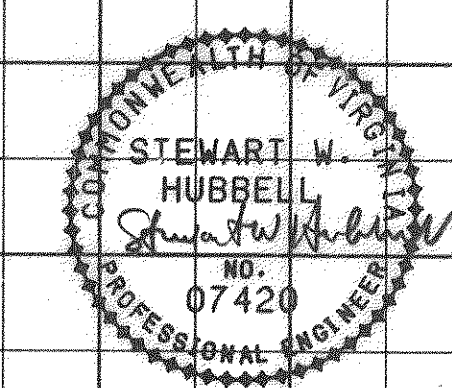
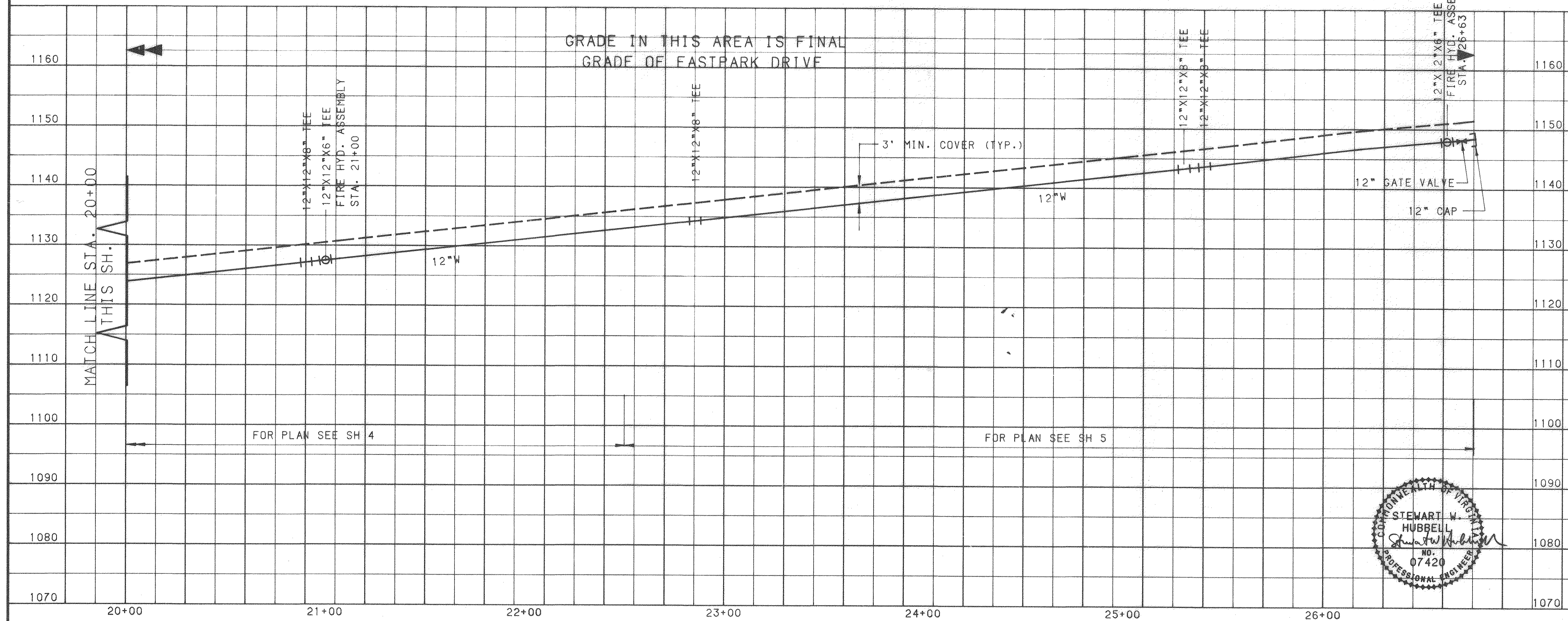
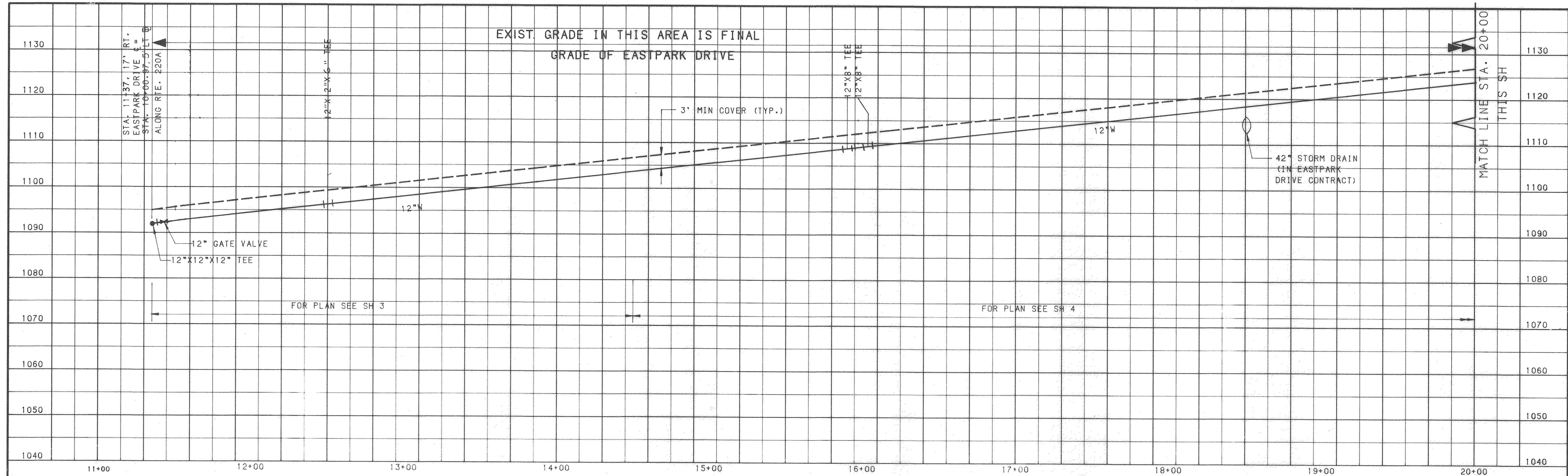


RECORD DRAWING

1	4-17-91	RECORD DRAWING	JLJ	SWH
REVISION	DATE	DESCRIPTION	BY	APP
DSGN	J.M.B.	WATER AND SANITARY SEWER EXTENSIONS TO SERVE EASTPARK COMMERCE CENTER BOTETOURT COUNTY, VIRGINIA		
DRAWN	JLJ			
CHKD	J.M.D.			
		SANITARY SEWER PROFILE		
		SCALE AS SHOWN	CORR. NO.	1034
		DATE: JUNE, 1990	SHEET	8
		DRAWING #	ST	

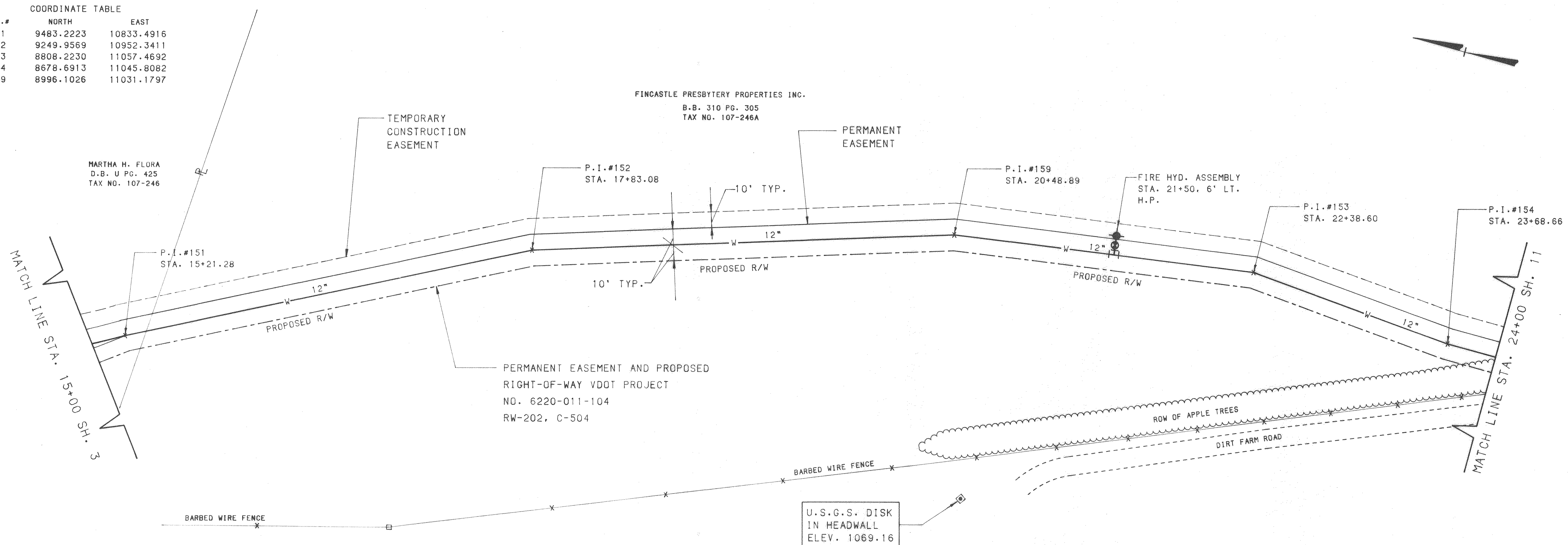


Mattern & Craig
CONSULTING ENGINEERS
SURVEYORS

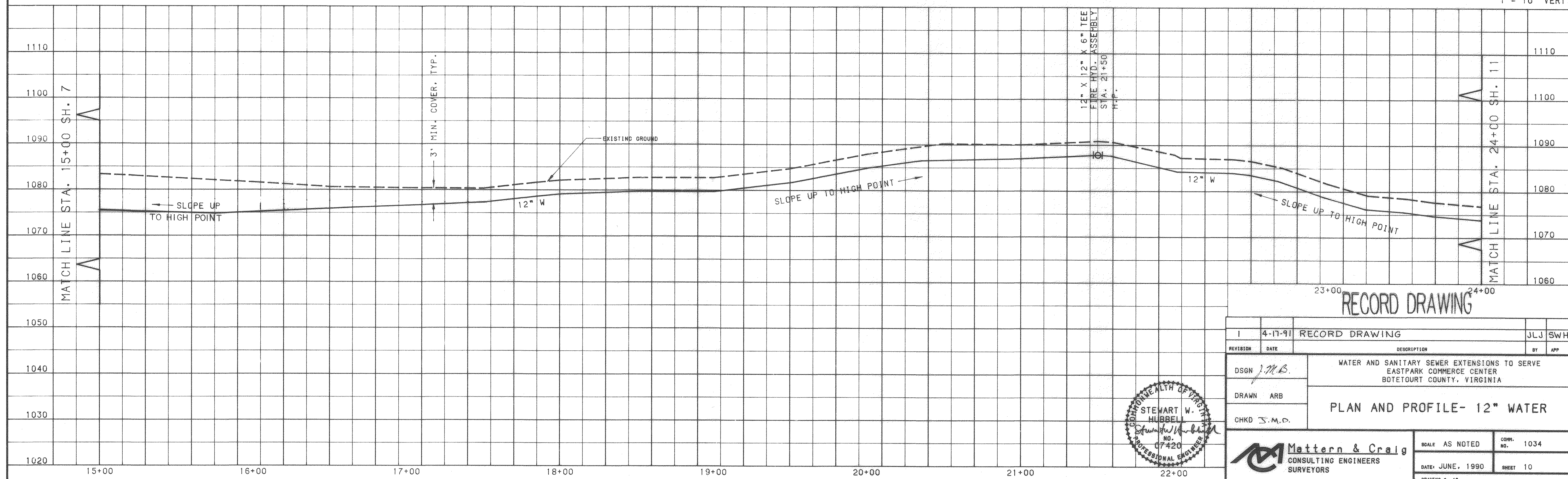


RECORD DRAWING			
REVISION	DATE	DESCRIPTION	BY
1	4-17-91	RECORD DRAWING	JLJ SWH
DSGN	J.M.B.	WATER AND SANITARY SEWER EXTENSIONS TO SERVE EASTPARK COMMERCE CENTER BOTETOURT COUNTY, VIRGINIA	
DRAWN	JLJ	PROFILE - 12" WATERMAIN EASTPARK DRIVE	
CHKD	J.M.D.		
Mattern & Craig CONSULTING ENGINEERS SURVEYORS		SCALE AS SHOWN	CORR. NO. 1034
DATE: JUNE, 1990		SHEET 9	
DRAWING # 90			

P.I.#	NORTH	EAST
151	9483.2223	10833.4916
152	9249.9569	10952.3411
153	8808.2230	11057.4692
154	8678.6913	11045.8082
159	8996.1026	11031.1797

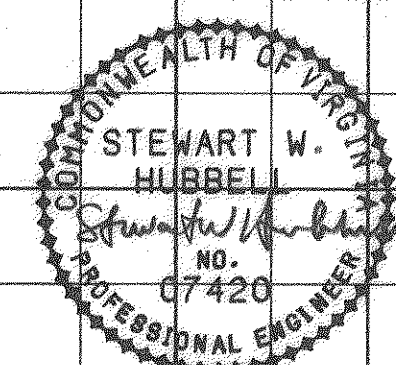


SCALE: 1" = 30' HORZ.
1" = 10' VERT.



RECORD DRAWING

1	4-17-91	RECORD DRAWING	JLJ	SWH
REVISION	DATE	DESCRIPTION	BY	APP
DSGN	J.M.B.	WATER AND SANITARY SEWER EXTENSIONS TO SERVE EASTPARK COMMERCE CENTER BOTETOURT COUNTY, VIRGINIA		
DRAWN	ARB			
CHKD	S.M.O.			
		PLAN AND PROFILE- 12" WATER		
 Mattern & Craig CONSULTING ENGINEERS SURVEYORS		SCALE	AS NOTED	CONV. NO. 1034
		DATE	JUNE, 1990	SHEET 10
		DRAWING # 10		

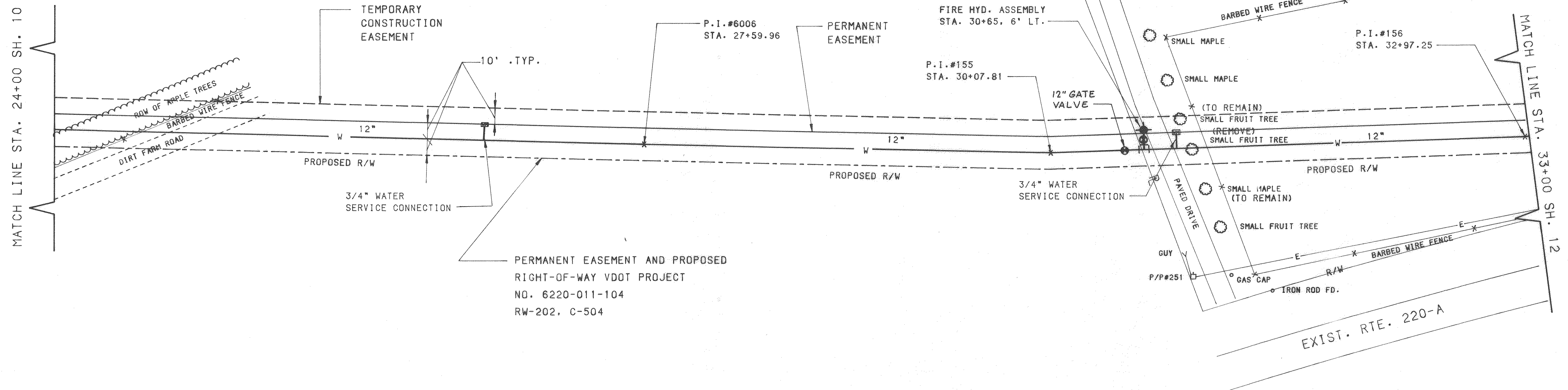


Mattern & Craig
CONSULTING ENGINEERS
SURVEYORS

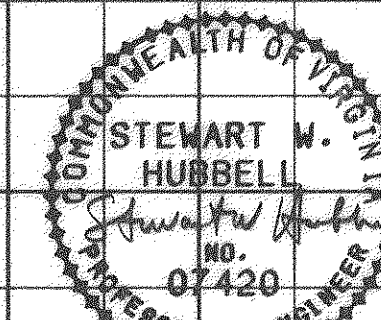
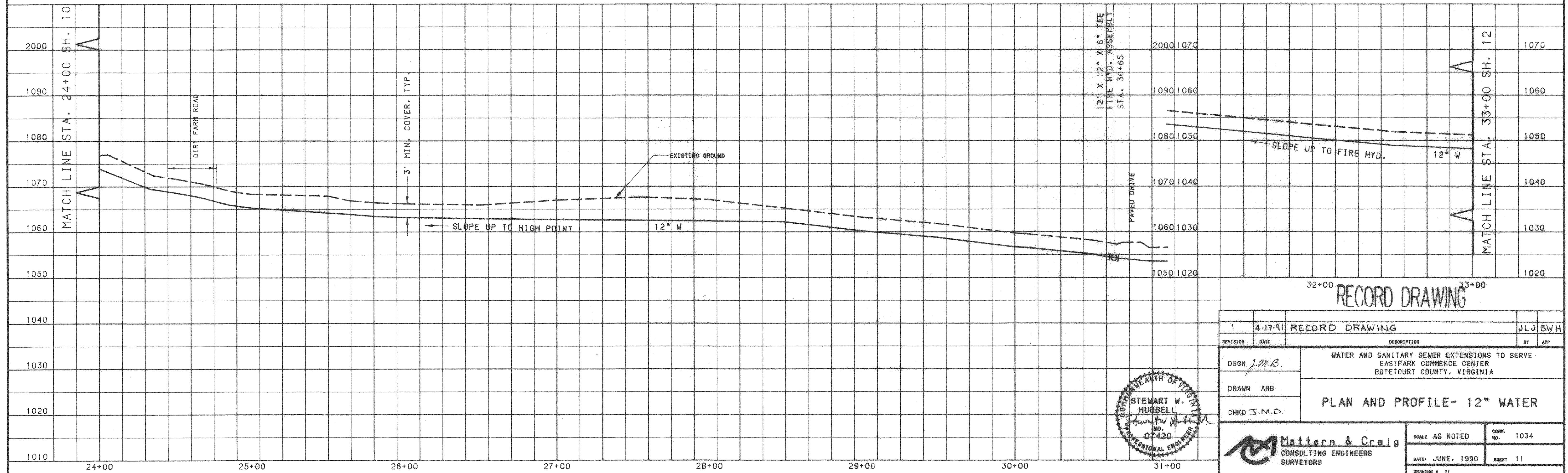
P.I.#	NORTH	EAST
155	8039.7258	11030.1666
156	7750.4542	11040.0326
6006	8287.5207	11035.4694

FINCASTLE PRESBYTERY PROPERTIES INC.
D.B. 310 PG. 305
TAX NO. 107-246-A

MAX A. MURRAY
D.B. 249 PG. 535
TAX NO. 108-141



SCALE: 1" = 30' HORZ.
1" = 10' VERT.



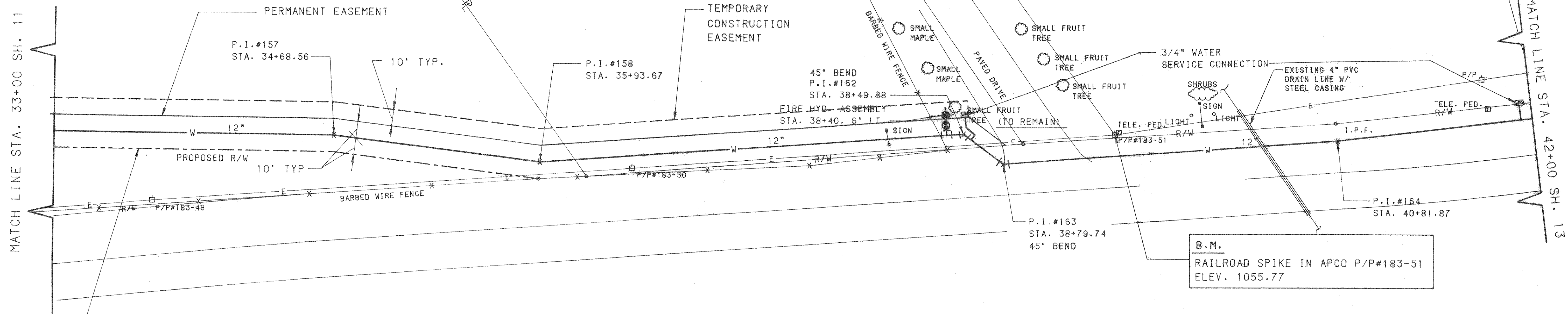
1	4-17-91	RECORD DRAWING			JLJ SWH
REVISION	DATE	DESCRIPTION			BY APP
DSGN	J.M.B.	WATER AND SANITARY SEWER EXTENSIONS TO SERVE EASTPARK COMMERCE CENTER BOTETOURT COUNTY, VIRGINIA			
DRAWN	ARB				
CHKD	J.M.D.				
		PLAN AND PROFILE- 12" WATER			
 Mattern & Craig CONSULTING ENGINEERS SURVEYORS		SCALE AS NOTED		CORR. NO.	1034
		DATE: JUNE, 1990		SHEET 11	
		DRAWING # 11			

P.I.#	NORTH	EAST
157	7580.5243	11061.7438
158	7455.4301	11063.3340
162	7204.7573	11116.2974
163	7178.6427	11101.8114
164	6981.0283	11144.2758

MAX A. MURRAY
D.B. 249 PG. 535
TAX NO. 108-141

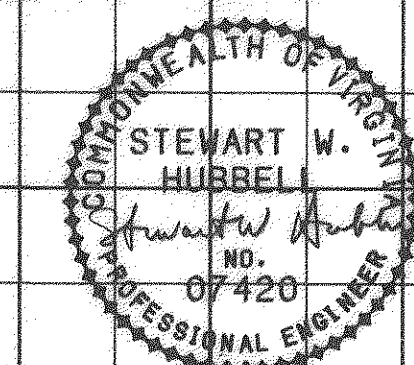
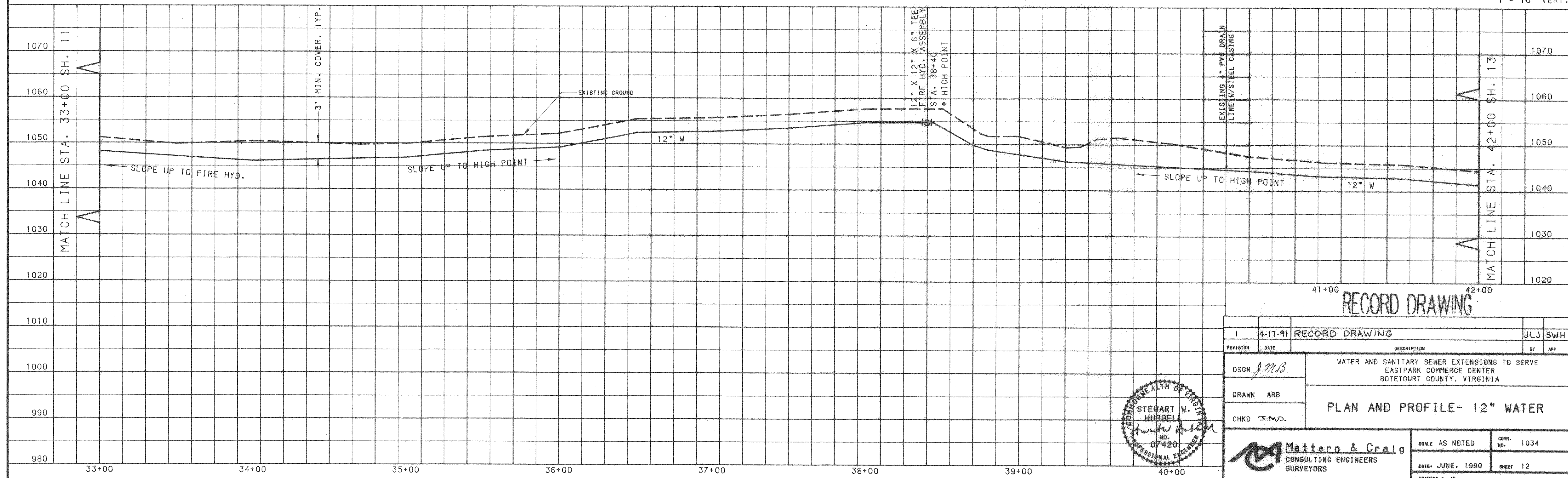
JOSEPH K. & ANN C. MURRAY
D.B. 272 PG. 300
TAX NO. 108-141-A

FEDERAL LAND BANK ASSOCIATION OF ROANOKE
D.B. 275 PG. 720
TAX NO. 108-143-A



PERMANENT EASEMENT AND PROPOSED
RIGHT-OF-WAY VDOT PROJECT
NO. 6220-011-104
RW-202, C-504

SCALE: 1" = 30' HORZ.
1" = 10' VERT.



RECORD DRAWING			
1	4-17-91	RECORD DRAWING	JLJ SWH
REVISION	DATE	DESCRIPTION	BY APP
DSGN	J.M.B.	WATER AND SANITARY SEWER EXTENSIONS TO SERVE EASTPARK COMMERCE CENTER BOTETOURT COUNTY, VIRGINIA	
DRAWN	ARB		
CHKD	J.M.D.		
PLAN AND PROFILE- 12" WATER			
Mattern & Craig CONSULTING ENGINEERS SURVEYORS			
SCALE AS NOTED			COPY NO. 1034
DATE: JUNE, 1990			SHEET 12
DRAWING # 12			

P.I.#	NORTH	EAST
165	6813.4161	11188.5680
166	6696.5505	11233.3206
167	6637.0146	11261.4757
△6007	6344.7895	11450.0706
169	6279.6086	11487.3528

MAX A. MURRAY
D.B. 89 PG. 596
D.B. 249 PG. 535
TAX NO.

C & C PARTNERSHIP
D.B. 324 PG. 10
TAX NO. 108-10-A

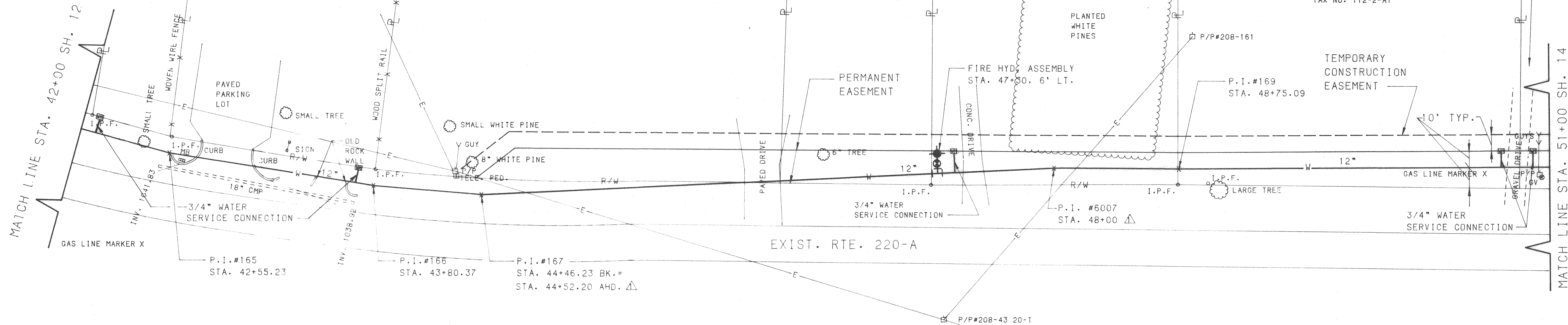
J. L. & JUANITA L. MAYHEW
D.B. PG.
TAX NO. 108-10-B

J. L. & JUANITA L. MAYHEW
D.B. 176 PG. 281
TAX NO. 108-10-C

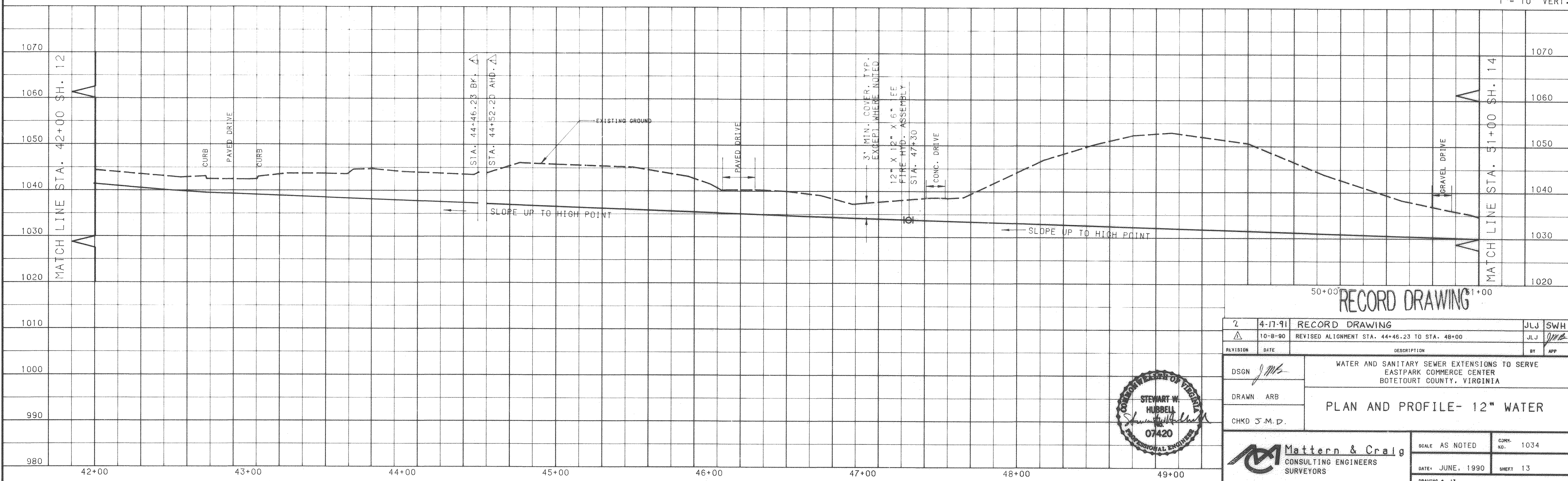
J. L. & JUANITA L. MAYHEW
D.B. 188 PG. 695
NOT SHOWN ON TAX MAP

S. FARRELL & SHELBY H. CONLEY
D.B. 363 PG. 669
TAX NO. 112-2-A1

SAMUEL A. CRUMPACKER
D.B. 102 PG. 42
TAX NO. 112-3



SCALE: 1" = 30' HORZ.
1" = 10' VERT.



RECORD DRAWING

2	4-17-91	RECORD DRAWING	JLJ	SWH
△	10-8-90	REVISED ALIGNMENT STA. 44+46.23 TO STA. 48+00	JLJ	one
REVISION	DATE	DESCRIPTION	BY	APP
DSGN	JMS	WATER AND SANITARY SEWER EXTENSIONS TO SERVE EASTPARK COMMERCE CENTER BOTETOURT COUNTY, VIRGINIA		
DRAWN	ARB			
CHKD	J.M.D.			
STEWART W. HUBBELL 07420 PROFESSIONAL ENGINEER		PLAN AND PROFILE- 12" WATER		
Mattern & Craig CONSULTING ENGINEERS SURVEYORS		SCALE AS NOTED	CORR. NO. 1034	
		DATE: JUNE, 1990	SHEET 13	
		DRAWING # 13		

