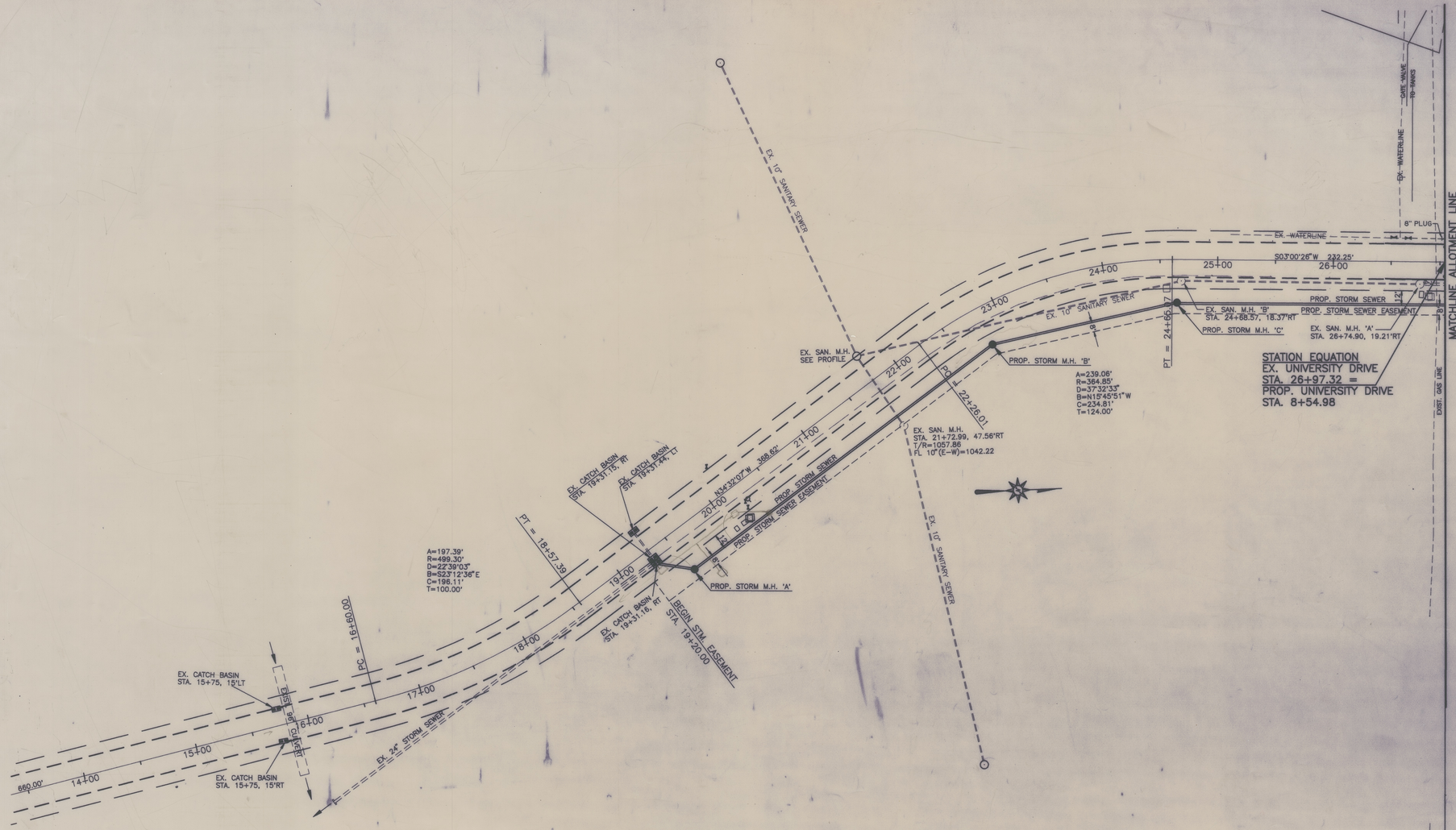
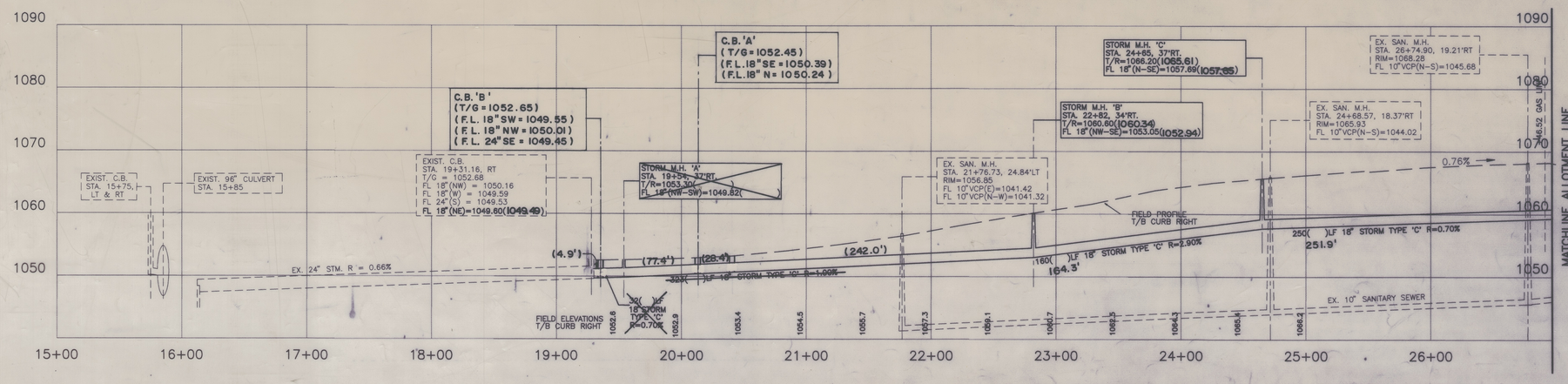


BENCH MARK
60d SPIKE FOUND 1.2' UP SOUTH SIDE OF A 12" OAK TREE; 32.8' N 10° W OF THE S.W. CORNER OF THE N.W. QTR. OF SECTION 22, T-10(PERRY),R-9.
ELEV 1079.735

BENCH MARK
60d SPIKE FOUND 0.5' UP NORTH SIDE OF A TWIN 15" OAK TREE; 42' S 12° W OF THE 5/8" IRON BAR FOUND WITH 'DEIBEL' 6673 PLASTIC YELLOW CAP.
ELEV 1074.625

EXISTING UNIVERSITY DRIVE S.E. – 50'



EXISTING UNIVERSITY DRIVE

C:\SD\97203A\PP_UDSTM.DWG

COOPER & ASSOCIATES, P.L.L.
ENGINEERS AND SURVEYORS
1359 MARKET AVENUE, NORTH
CANTON, OHIO 44714
PHONE (330) 452-5731
FAX No.(330) 452-9110
BRYAN J. ASHMAN
JEROLD E. GEIB

HOR. 1" = 50" VERT. 1" = 10'
DATE: JULY 21, 1998
FIELD BOOK No. N/A
SHEET 4 OF 12

PLAN & PROFILE SHEET
UNIVERSITY VILLAGE
PHASE I
CITY OF MASSILLON
STARK COUNTY, OHIO
FOR : P.R.M.D.C. LTD.

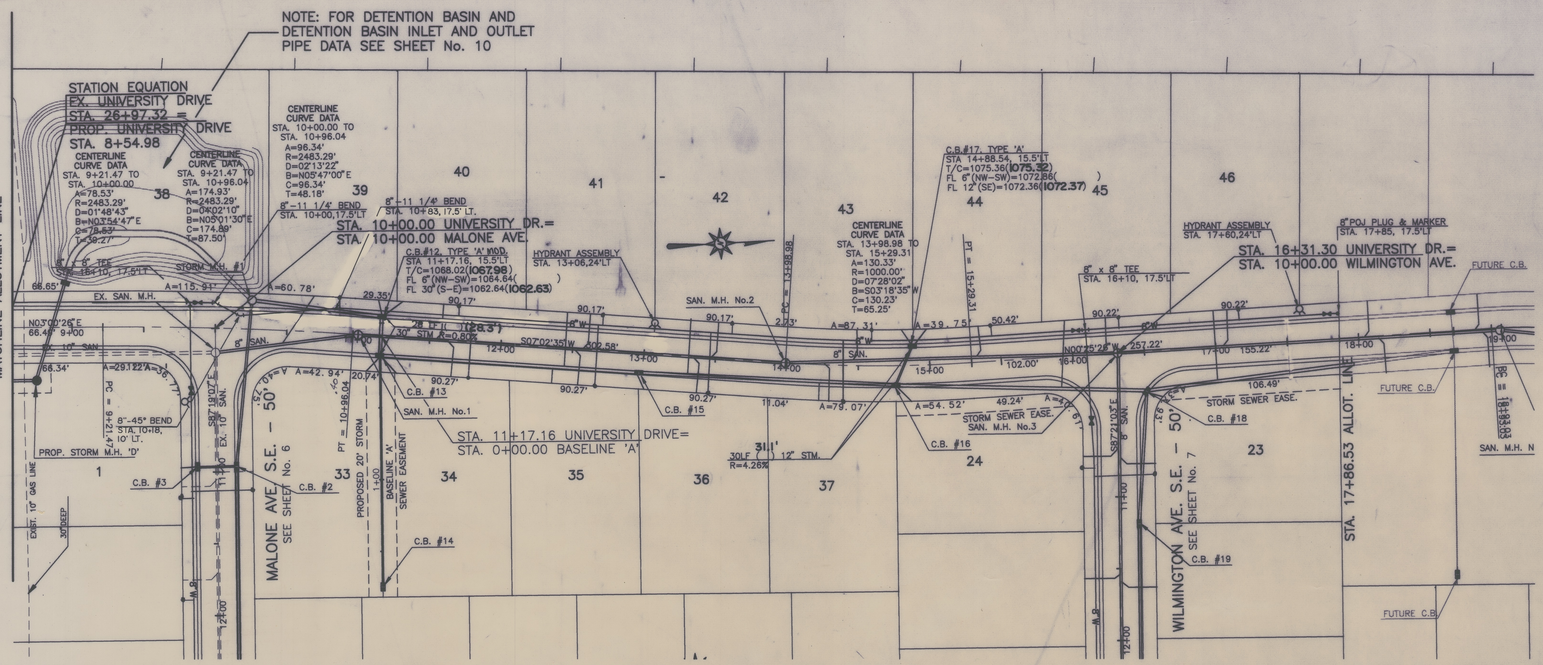
STATE OF OHIO
BRYAN J. ASHMAN
E-043804
REGISTERED
PROFESSIONAL ENGINEER

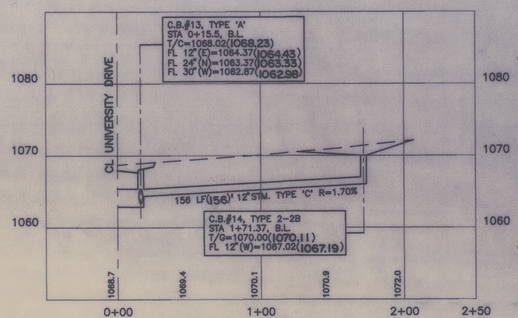
CONC	DESCRIPTION	DATE	BY
	REVISIONS	7/29/98	LJS

DWN.BY: C.H.B. CHK'D.BY:

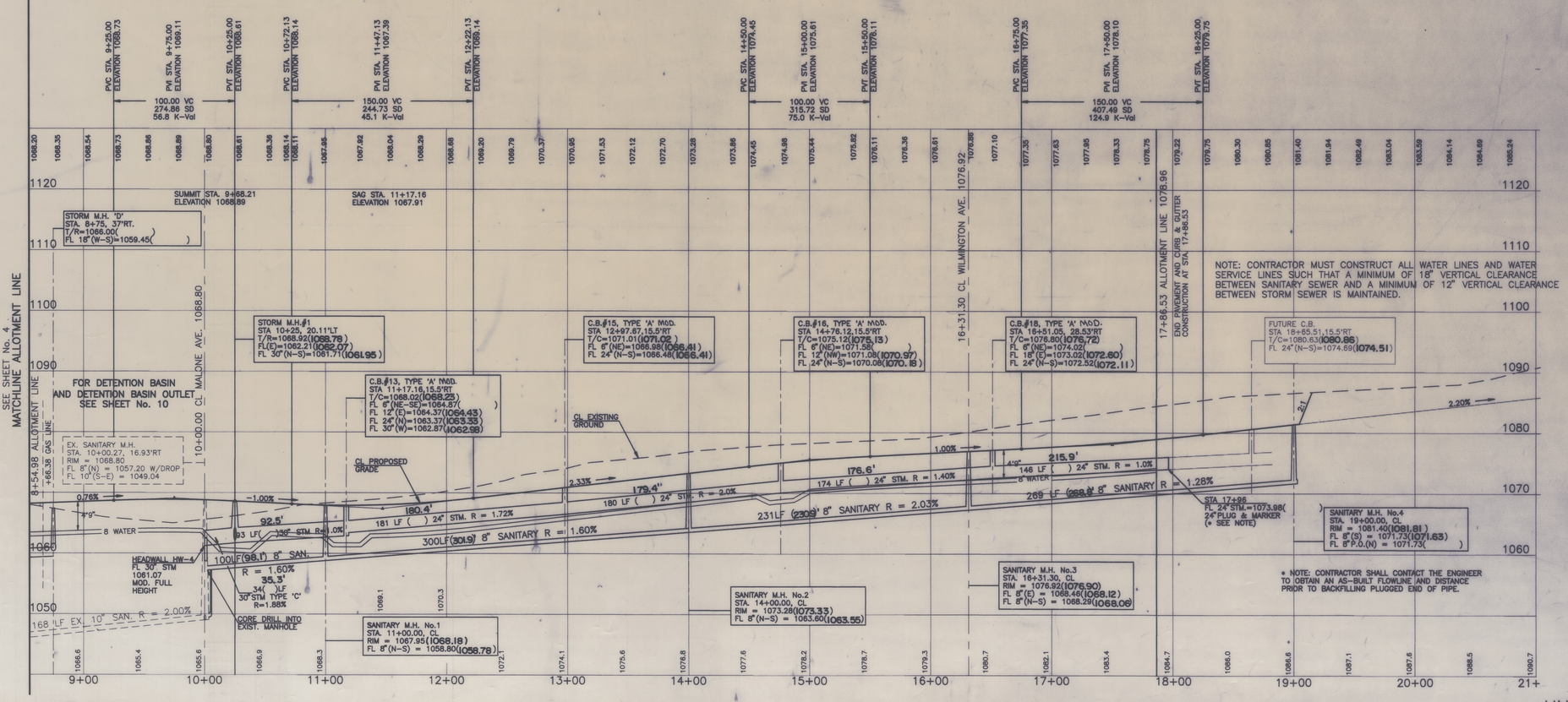
PROJ.# 97203A

99 SD 05





BASELINE 'A'



UNIVERSITY DRIVE & BASELINE 'A'

BENCH MARK
60d SPIKE FOUND 1.2' UP SOUTH SIDE OF A 12" OAK TREE; 32.8' N 10° W OF THE S.W. CORNER OF THE N.W. QTR. OF SECTION 22, T-10(PERRY),R-9.
ELEV 1079.735

BENCH MARK
60d SPIKE FOUND 0.5' UP NORTH SIDE OF A TWIN 15" OAK TREE; 42' S 12° W OF THE 5/8" IRON BAR FOUND WITH 'DEIBEL' 6673 PLASTIC YELLOW CAP.
ELEV 1074.625

SCALE HOR. 1" = 50' VERT. 1" = 10'
DATE: JULY 21, 1998
FIELD BOOK No. N/A
SHEET 5 OF 12

COOPER & ASSOCIATES, L.L.P.
ENGINEERS AND SURVEYORS
1359 MARKET AVENUE, NORTH CANTON, OHIO 44714
PHONE (330) 452-5731
FAX No.(330) 452-9110
BRYAN J. ASHMAN
JERROLD E. GEIB

PLAN & PROFILE SHEET
UNIVERSITY VILLAGE PHASE I
CITY OF MASSILLON
STARK COUNTY, OHIO
FOR : P.R.M.D.C. LTD.

STATE OF OHIO
BRYAN J. ASHMAN E-643804 REGISTERED
PROFESSIONAL ENGINEER

REVISIONS	DESCRIPTION	DATE	BY
OHIO EPA WATER		9/1/98	LJS
CORPS		7/28/98	LJS

DWN. BY: C.H.B. CHK'D. BY:

PROJ.# 97203A

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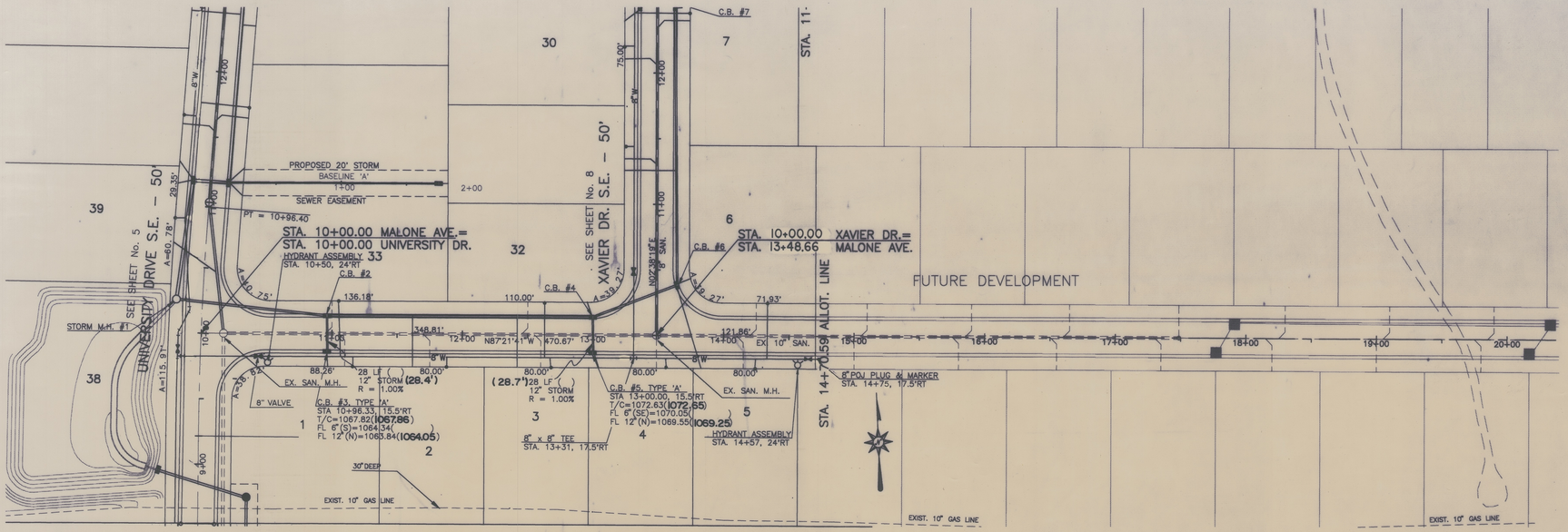
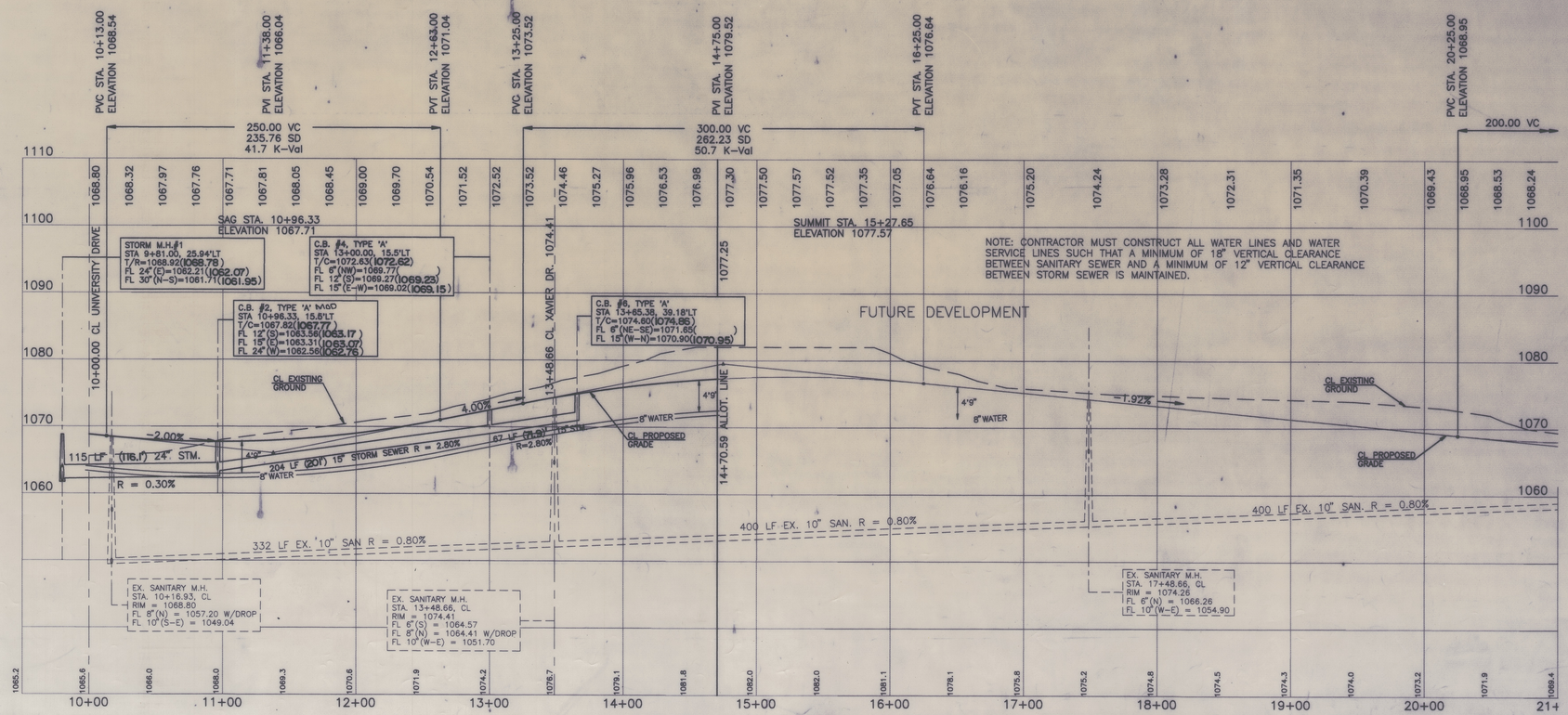


MALONE AVENUE S.E. – 50'



MALONE AVENUE

BENCH MARK
60d SPIKE FOUND 1.2' UP SOUTH SIDE OF A 12" OAK TREE; 32.8' N 10° W OF THE S.W. CORNER OF THE N.W. QTR. OF SECTION 22, T–10(PERRY),R–9.
ELEV 1079.735

BENCH MARK
60d SPIKE FOUND 0.5' UP NORTH SIDE OF A TWIN 15" OAK TREE; 42' S 12° W OF THE 5/8" IRON BAR FOUND WITH 'DEIBEL' 6673 PLASTIC YELLOW CAP.
ELEV 1074.625

HOR. 1" = 50" VERT. 1" = 10'
DATE: JULY 22, 1998
FIELD BOOK No. N/A
SHEET 6 OF 12

COOPER & ASSOCIATES, L.L.P.
ENGINEERS AND SURVEYORS
1359 MARKET AVENUE, NORTH CANTON, OHIO 44714
PHONE (330) 452-5731
FAX No.(330) 452-9110
BRYAN J. ASHMAN
JEROLD E. GEIB

PLAN & PROFILE SHEET
UNIVERSITY VILLAGE PHASE I
CITY OF MASSILLON
STARK COUNTY, OHIO
FOR : P.R.M.D.C. LTD.

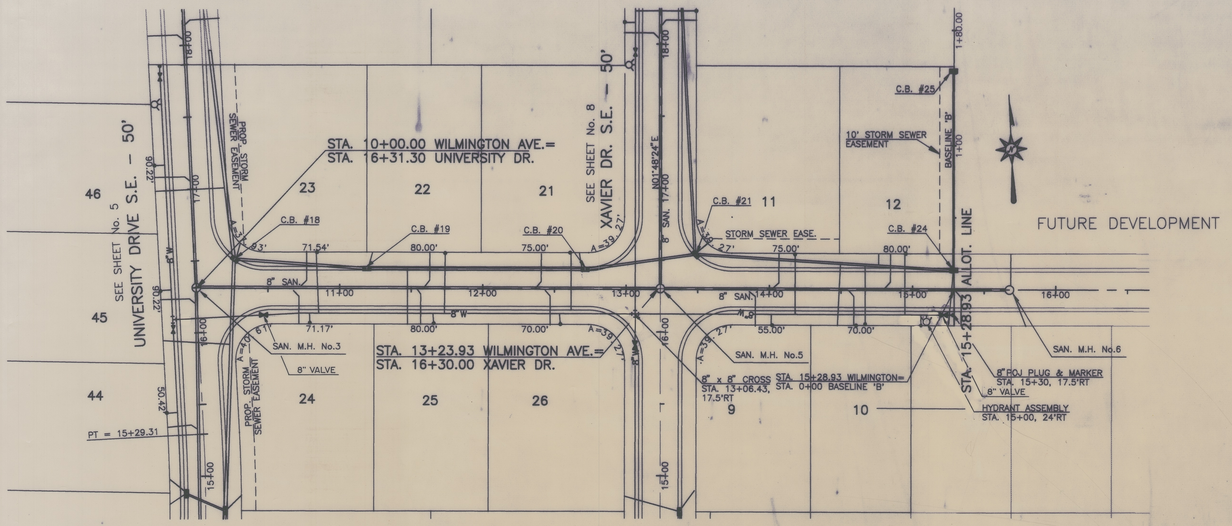
STATE OF OHIO
BRYAN J. ASHMAN
E-043804
REGISTERED
PROFESSIONAL ENGINEER

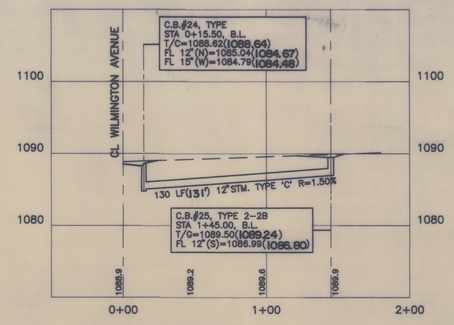
NO.	DESCRIPTION	DATE	BY
	REVISIONS		

DWN.BY: C.H.B. CHK'D.BY:

PROJ.# 97203A

C:\SC\97203A\PP_2.DWG

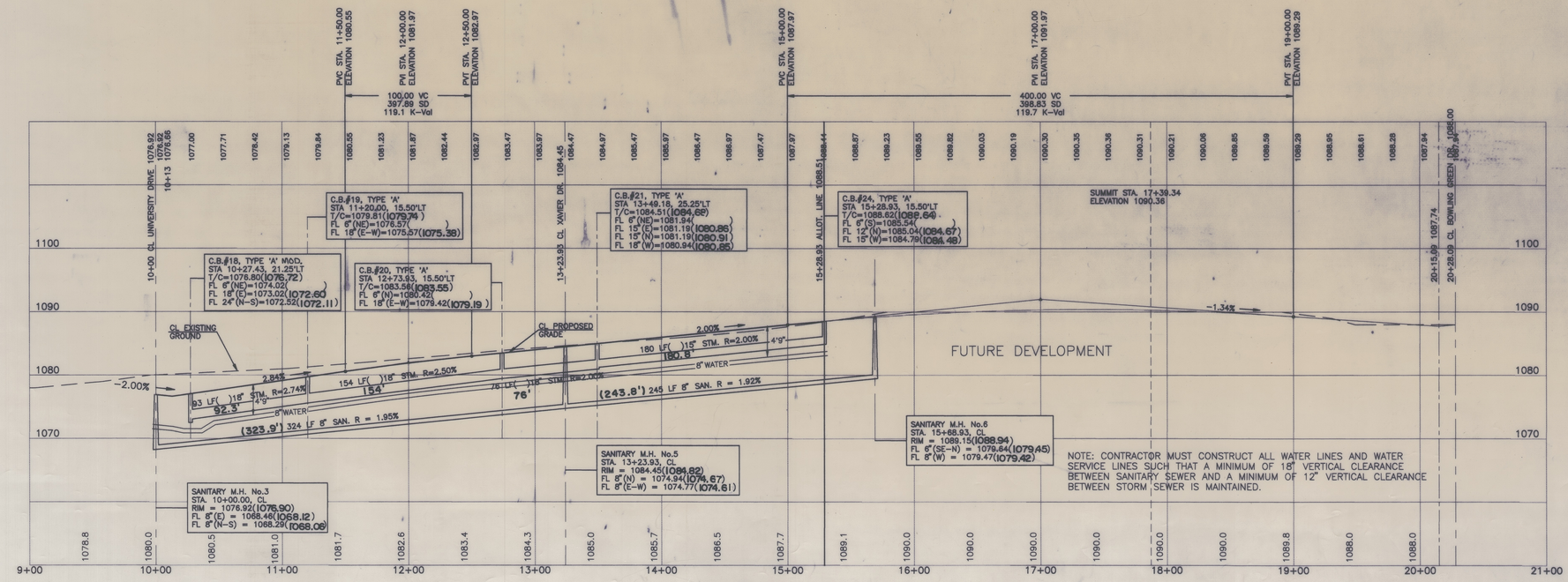




BENCH MARK
60d SPIKE FOUND 1.2' UP SOUTH SIDE OF A 12" OAK TREE; 32.8' N 10' W OF THE S.W. CORNER OF THE N.W. QTR. OF SECTION 22, T-10(PERRY),R-9.
ELEV 1079.735

BENCH MARK
60d SPIKE FOUND 0.5' UP NORTH SIDE OF A TWIN 15" OAK TREE; 42' S 12' W OF THE 5/8" IRON BAR FOUND WITH 'DEIBEL' 6673 PLASTIC YELLOW CAP.
ELEV 1074.625

WILMINGTON AVENUE S.E. - 50'



WILMINGTON AVENUE & BASELINE 'B'

HOR. 1" = 50' VERT. 1" = 10'
SCALE
DATE: JULY 22, 1998
FIELD BOOK No. N/A
SHEET 7 OF 12

BRYAN J. ASHMAN
JEROLD E. GEIB
COOPER & ASSOCIATES, L.L.P
ENGINEERS AND SURVEYORS
1359 MARKET AVENUE, NORTH
CANTON, OHIO 44714
PHONE (330) 452-5731
FAX No.(330) 452-9110

PLAN & PROFILE SHEET
UNIVERSITY VILLAGE
PHASE I
CITY OF MASSILLON
STARK COUNTY, OHIO
FOR : P.R.M.D.C. LTD.

STATE OF OHIO
BRYAN J. ASHMAN
E-043804
REGISTERED
PROFESSIONAL ENGINEER

DATE	BY
9/1/98	LJS
7/29/98	LJS

REVISIONS
DESCRIPTION
OHIO EPA WATER
CORC
DWN.BY: C.H.B. CHK'D.BY:

PROJ# 97203A

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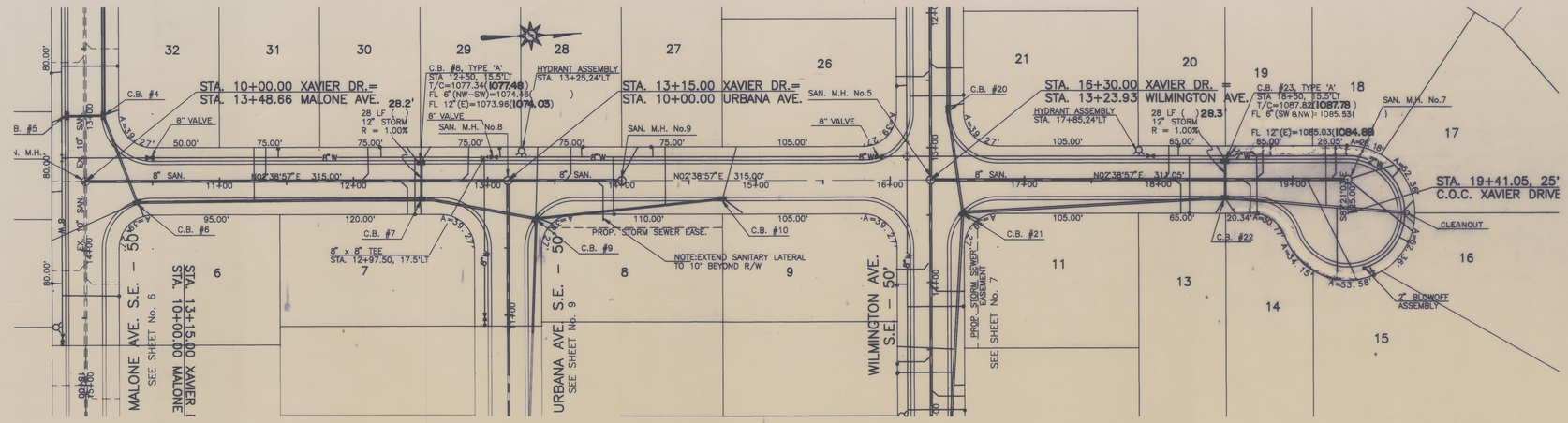
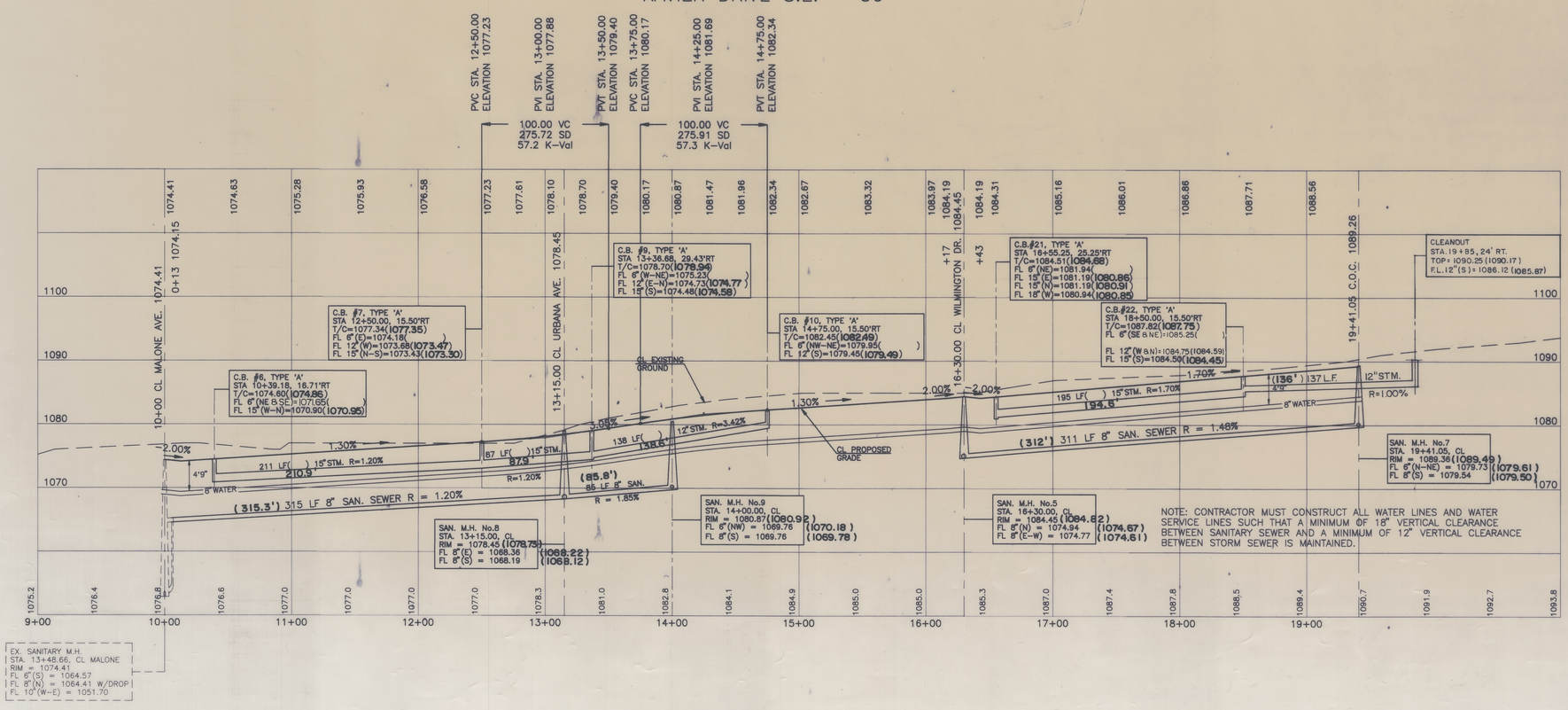
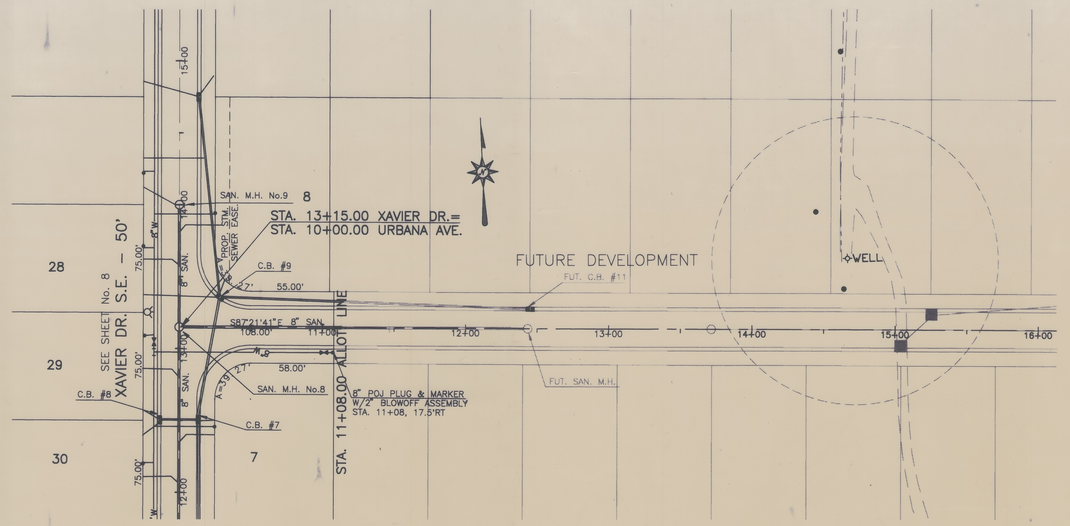


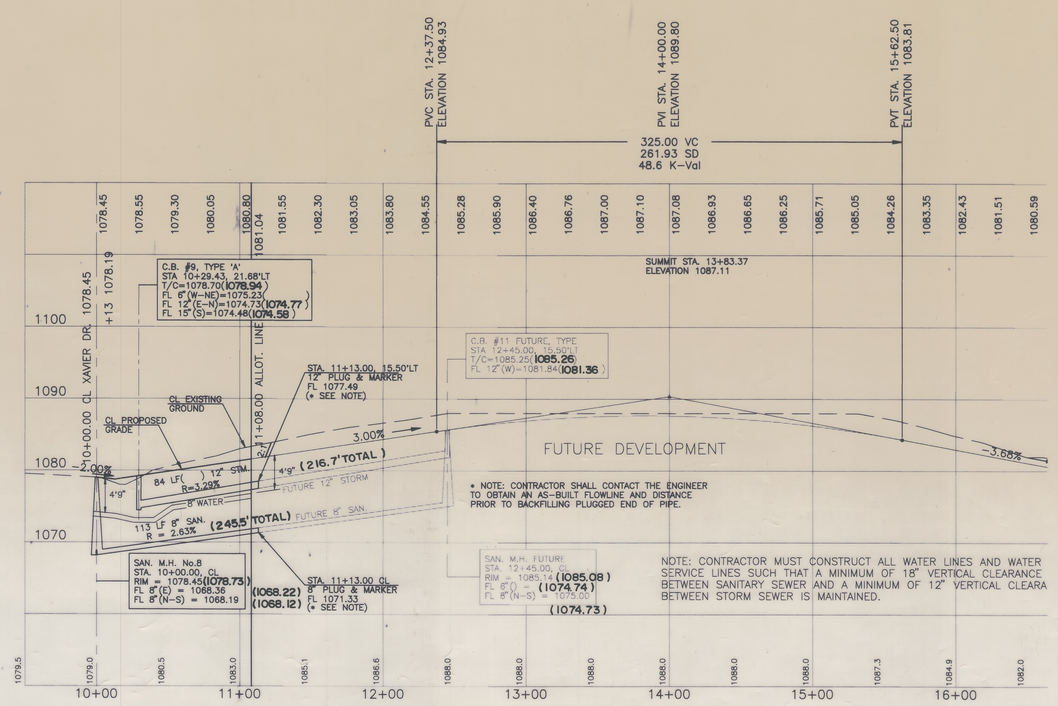

XAVIER DRIVE S.E. – 50'
PVC STA. 12+50.00 ELEVATION 1077.23
PVI STA. 13+00.00 ELEVATION 1077.88
PVT STA. 13+50.00 ELEVATION 1079.40
PVC STA. 13+75.00 ELEVATION 1080.17
PVI STA. 14+25.00 ELEVATION 1081.69
PVT STA. 14+75.00 ELEVATION 1082.34
100.00 VC 275.72 SD 57.2 K-Val
100.00 VC 275.91 SD 57.3 K-Val
10+00 CL MALONE AVE.
13+15.00 CL URBANA AVE.
16+30.00 CL WILMINGTON DR.
19+41.05 C.O.C.
C.B. #7, TYPE 'A' STA 12+50.00, 15.50'RT T/C=1077.34(1077.35) FL 6"(E)=1074.18( ) FL 12"(W)=1073.88(1073.47) FL 15"(N-S)=1073.43(1073.30)
C.B. #6, TYPE 'A' STA 10+39.18, 18.71'RT T/C=1074.60(1074.86) FL 6"(NE&SE)=1071.65( ) FL 15"(W-N)=1070.90(1070.95)
C.B. #9, TYPE 'A' STA 13+36.66, 29.43'RT T/C=1078.70(1078.94) FL 6"(W-NE)=1075.23( ) FL 12"(E-N)=1074.73(1074.77) FL 15"(S)=1074.48(1074.58)
C.B. #10, TYPE 'A' STA 14+75.00, 15.50'RT T/C=1082.45(1082.49) FL 6"(NW-NE)=1079.95( ) FL 12"(S)=1079.45(1079.49)
C.B.#21, TYPE 'A' STA 16+55.25, 25.25'RT T/C=1084.51(1084.68) FL 6"(NE)=1081.94( ) FL 15"(E)=1081.19(1080.86) FL 15"(N)=1081.19(1080.91) FL 18"(W)=1080.94(1080.85)
C.B.#22, TYPE 'A' STA 18+50.00, 15.50'RT T/C=1087.82(1087.75) FL 6"(SE&NE)=1085.25( ) FL 12"(W&N)=1084.75(1084.59) FL 15"(S)=1084.59(1084.45)
CLEANOUT STA. 19+85.24' RT. TOP=1090.25(1090.17) F.L.12"(S)=1086.12(1085.87)
SAN. M.H. No.7 STA. 19+41.05, CL RIM = 1089.36(1089.49) FL 6"(N-NE) = 1079.73(1079.61) FL 8"(S) = 1079.54(1079.50)
SAN. M.H. No.8 STA. 13+15.00, CL RIM = 1078.45(1078.75) FL 8"(E) = 1068.36(1068.22) FL 8"(S) = 1068.19(1068.12)
SAN. M.H. No.9 STA. 14+00.00, CL RIM = 1080.87(1080.92) FL 6"(NW) = 1069.76(1070.18) FL 8"(S) = 1069.76(1069.78)
SAN. M.H. No.5 STA. 16+30.00, CL RIM = 1084.45(1084.62) FL 8"(N) = 1074.94(1074.67) FL 8"(E-W) = 1074.77(1074.61)
EX. SANITARY M.H. STA. 13+48.66, CL MALONE RIM = 1074.41 FL 6"(S) = 1064.57 FL 8"(N) = 1064.41 W/DROP FL 10"(W-E) = 1051.70
EX. 10" SAN. 0.5% 1074.41
0+13 1074.15
EX. 8" SAN. 1.0% 1074.41
EX. 8" SAN. 1.0% 1074.41
EX. 8" SAN. 1.0% 1074.41



BENCH MARK
60d SPIKE FOUND 1.2' UP SOUTH SIDE OF A 12" OAK TREE; 32.8' N 10° W OF THE S.W. CORNER OF THE N.W. QTR. OF SECTION 22, T–10(PERRY),R–9.
ELEV 1079.735

BENCH MARK
60d SPIKE FOUND 0.5' UP NORTH SIDE OF A TWIN 15" OAK TREE; 42' S 12° W OF THE 5/8" IRON BAR FOUND WITH 'DEIBEL' 6673 PLASTIC YELLOW CAP.
ELEV 1074.625

URBANA AVENUE S.E. – 50'



URBANA AVENUE

HOR. 1" = 50" VERT. 1" = 10' SCALE
DATE: JULY 22, 1998
FIELD BOOK No. N/A
SHEET 9 OF 12

COOPER & ASSOCIATES, L.L.P.
ENGINEERS AND SURVEYORS
1359 MARKET AVENUE, NORTH
CANTON, OHIO 44714
PHONE (330) 452–5731
FAX No.(330) 452–9110
BRYAN J. ASHMAN
JEROLD E. GEIB

PLAN & PROFILE SHEET
UNIVERSITY VILLAGE
PHASE I
CITY OF MASSILLON
STARK COUNTY, OHIO
FOR : P.R.M.D.C. LTD.

STATE OF OHIO
BRYAN J. ASHMAN
E-043804
REGISTERED PROFESSIONAL ENGINEER

CONT.	DESCRIPTION	DATE	BY
	REVISIONS	7-29-98	LJS

DWN. BY: C.H.B. CHK'D. BY:

PROJ.# 97203A

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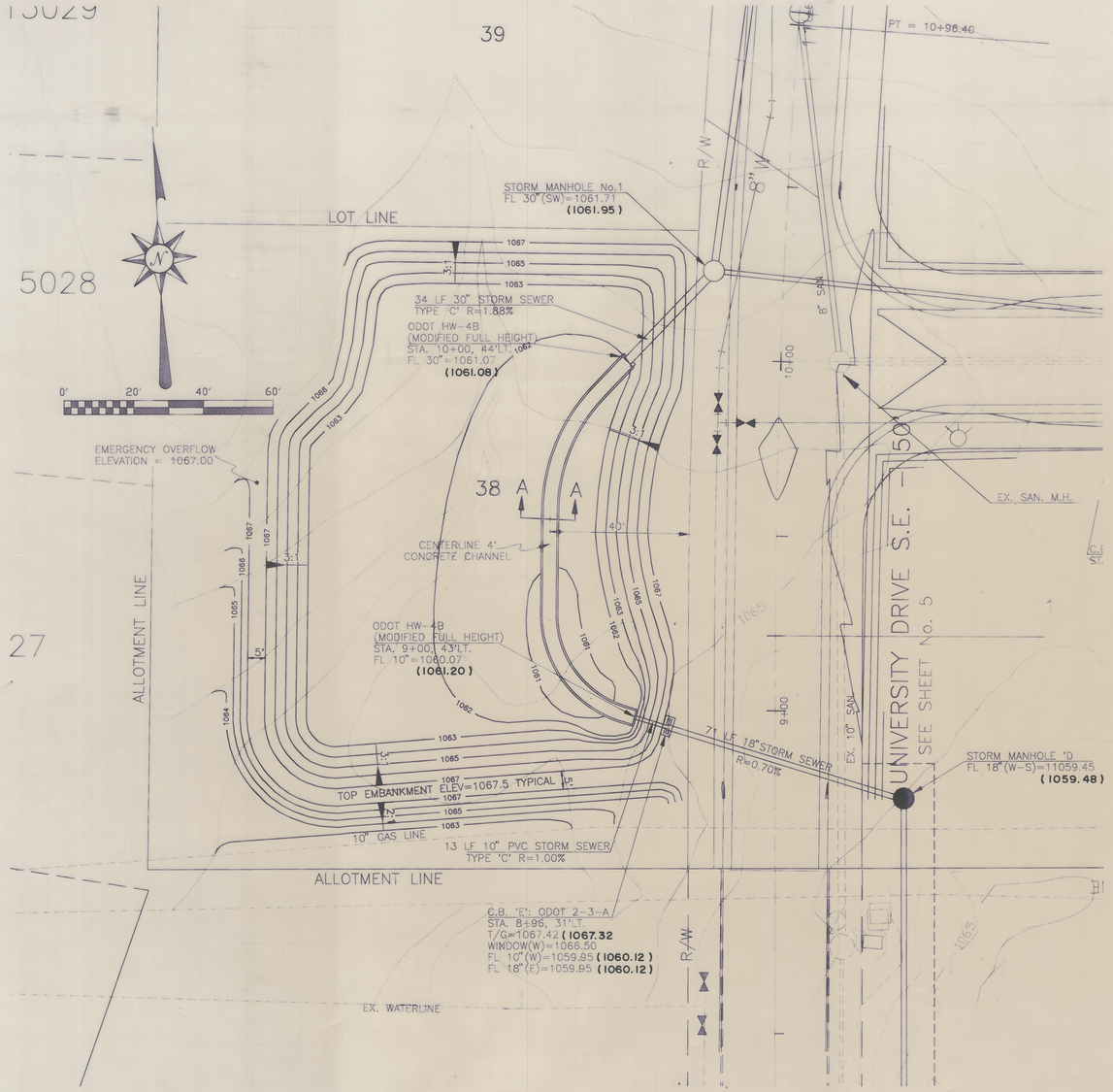
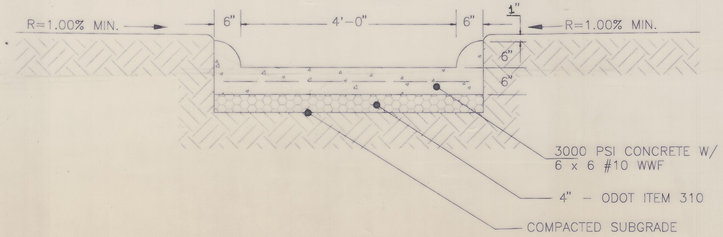




SECTION A–A
SCALE 3/4" = 1'-0"

NOTE: DO NOT CONSTRUCT CONCRETE CHANNEL IN DETENTION BASIN UNTIL SUCH TIME AS THE SEDIMENT BASIN IS NO LONGER REQUIRED. (SEE STORM WATER POLLUTION PREVENTION PLAN)

BENCH MARK
60d SPIKE FOUND 1.2' UP SOUTH SIDE OF A 12" OAK TREE; 32.8' N 10° W OF THE S.W. CORNER OF THE N.W. QTR. OF SECTION 22, T-10(PERRY),R-9.
ELEV 1079.735

BENCH MARK
60d SPIKE FOUND 0.5' UP NORTH SIDE OF A TWIN 15" OAK TREE; 42' S 12° W OF THE 5/8" IRON BAR FOUND WITH 'DEIBEL' 6673 PLASTIC YELLOW CAP.
ELEV 1074.625

DETENTION BASIN

SCALE: HOR. 1" = 20' VERT. AS NOTED
DATE: JULY 21, 1998
FIELD BOOK No. N/A
SHEET 10 OF 12

COOPER & ASSOCIATES, L.L.P.
ENGINEERS AND SURVEYORS
1359 MARKET AVENUE NORTH
CANTON, OHIO 44714
PHONE (330) 452-5731
FAX No.(330) 452-9110
BRYAN J. ASHMAN
JEROLD E. GEIB

DETENTION BASIN DETAILS
UNIVERSITY VILLAGE
PHASE I
CITY OF MASSILLON
STARK COUNTY, OHIO
FOR : P.R.M.D.C. LTD.

STATE OF OHIO
BRYAN J. ASHMAN
E-043804
REGISTERED
PROFESSIONAL ENGINEER

DESCRIPTION	DATE	BY
REVISIONS		

DWN.BY: C.H.B. CHK'D.BY:

PROJ.# 97203A

C:\SCL\97203A\PS_DB.DWG

SEE SHEET No.5
TIFFIN CIRC. S.E. 50'
STA. 22+11, 19'LT
8"x 2" TAPPED TEE
STA. 22+61.63, 24.5'LT
HYDRANT ASSEMBLY COMPLETE
STA. 24+47, 19'LT
8" x 8" TEE
C.B. No.5
C.B. No.14
STA. 24+66.21 UNIVERSITY=
STA. 0+00.00 JOHN CARROLL
JOHN CARROLL DRIVE S.E. 50'
SEE SHEET No.5
BASELINE 'C' SEE SHEET 6
10' STM. EASEMENT
FUTURE 10' STM. EASEMENT
STA. 22+30.05 UNIVERSITY=
STA. 0+00.00 TIFFIN
C.B. No.13, TYPE 'A'
STA. 20+92, 15.5'LT
T/CURB=1088.69 (1088.80)
FL 6"(N&W)=1085.64
FL 12"(S)=1085.64 (1085.55)
(36.5') 37 L.F. 12" STM.
R=5.50%
C.B. No.6
STA. 25+18.19'LT
8" - 45° BEND
C.B. No.17
SEE SHEET 6
C.B. No.2
SAN. M.H. No.1
SAN. M.H. No.2
C.B. No.3
C.B. No.4
SAN. M.H. No.3
BASELINE 'B' SEE SHEET 6
20' STM. EASEMENT
ALLOTMENT LINE
CENTERLINE CURVE DATA
STA. 18+93.05 TO STA. 25+43.82
R=400.00'
L=650.47'
TAN=422.78'
DELTA=93°10'21"
CHORD=581.13'
BRG=S46°09'08"W
CENTERLINE CURVE DATA
STA. 22+30.05 TO STA. 24+66.21
R=400.00'
L=236.16'
TAN=121.63'
DELTA=33°49'38"
CHORD=232.74'
BRG=S64°45'00"W
CENTERLINE CURVE DATA
STA. 24+66.21 TO STA. 25+43.09
R=400.00'
L=92.88'
TAN=38.78'
DELTA=13°04'27"
CHORD=77.19'
BRG=S87°12'62"W
STA. 25+56, 19'RT
8" - 45° BEND
STA. 24+30.76 UNIVERSITY=
STA. 1+81.67 BASELINE 'B'
C.B. No.18
SEE SHEET 6
(38.0') 39 L.F. 12" STM.
R=0.40%
C.B. No.7
C.B. No.8
SAN. M.H. 4
C.B. No.10, TYPE 'A'
STA. 26+87, 15.5'RT
T/CURB=1103.69 (1103.70)
FL 6"(SW)=1100.07
FL 12"(NW)=1100.07 (1099.90)
STA. 26+91.75, 24.5'LT
HYDRANT ASSEMBLY COMPLETE
REMOVE FENCE FROM BOWLING GREEN TO WEST ALLOT. LINE
STM. M.H. No.9
STA. 31+85.68 UNIVERSITY=
STA. 14+96.68 BOWLING GREEN
SAN. M.H. No.5
BOWLING GREEN DRIVE S.E. 50'
SEE SHEET No.7
STA. 14+58.00, 24.5'LT
HYDRANT ASSEMBLY COMPLETE
EX. SAN. MH
C.B. No.11 TYPE 'A'
STA. 18+66, 15.5'LT
T/CURB=1080.99 (1080.93)
FL 6"(W)=1077.63
FL 12"(E)=1077.13 (1077.10)
(28.3') 29 L.F. 12" STM.
R=5.00%
C.B. No.58
C.B. No.12
SEE SHEET 6
STA. 18+65.65 UNIVERSITY=
STA. 0+00.00 BASELINE 'A'
UNIVERSITY VILLAGE PHASE 1
LOTS 1 - 46
P.B. 65 PG. 21
UNIVERSITY DRIVE N.W. - 50'
DENSE TREES
BRUSH
WATER EDGE

BENCH MARK
60d SPIKE FOUND 1.2' UP SOUTH SIDE OF A 12" OAK TREE; 32.8' N 10° W OF THE S.W. CORNER OF THE N.W. QTR. OF SECTION 22, T-10(PERRY),R-9.
ELEV 1079.735

BENCH MARK
60d SPIKE FOUND 0.5' UP NORTH SIDE OF A TWIN 15" OAK TREE; 42' S 12° W OF THE 5/8" IRON BAR FOUND WITH 'DEIBEL' 6673 PLASTIC YELLOW CAP.
ELEV 1074.625

STUB CONNECTION STA.17+95.43,18.25 RT FL 24" = 1073.98
PVI STA = 17+50
PVI ELEV = 1078.10
A.D. = 1.12
K = 133.93
150.00' VC
PVCC: 18+25
PVI: 19+25
PVI STA = 18+75
PVI ELEV = 1080.85
A.D. = 1.48
K = 67.57
100.00' VC
C.B. No. 1 TYPE 'A'MOD.
STA.18+66,15.50 RT
T/CURB=1080.88 (1080.86)
FL 6"(E)= 1078.00
FL 12"(W)= 1075.68 (1075.84)
FL 18"(NE)= 1075.18 (1076.86)
FL 24"(S)=1074.68 (1074.51)
PVI STA = 21+50
PVI ELEV = 1090.65
A.D. = -1.60
K = 62.50
100.00' VC
PVCC: 21+00
PVI: 22+00
EX. GROUND
PROP. GRADE
C.B. No. 2 TYPE 'A'
STA.20+70,15.50 RT
T/CURB=1087.90 (1087.92)
FL 6"(E&S)= 1083.10 (1083.07)
FL 12"(NW)= 1083.60 (1083.45)
FL 18"(S-NE)= 1083.10 (1083.09)
C.B. No. 3 TYPE 'A'
STA.22+45,15.50 RT
T/CURB=1092.66 (1092.79)
FL 6"(SE)= 1080.00
FL 15"(NW)= 1086.25 (1086.31)
FL 18"(SW-NE)=1086.25 (1086.31)
C.B. No. 4 TYPE 'A'
STA.24+32,15.50 RT
T/CURB=1096.40 (1096.43
FL 6"(SE)= 1092.84
FL 12"(S)= 1092.34 (1092.38)
FL 18"(SW-N)=1092.34 (1092.27)
C.B. No. 5 TYPE 'A'
STA.24+38.27,16.25 LT
T/CURB=1096.37 (1096.53)
FL 6"(NW)= 1093.64
FL 18"(S-NE)= 1092.64 (1092.67)
C.B. No. 6 TYPE 'A'(MOD)
STA.24+95.15,27.27 LT
T/CURB=1096.70 (1096.08)
FL 6"(N-E)= 1094.30
FL 15"(N-E)= 1093.55
FL 18"(SE)= 1093.30 (1093.61)
(1093.35)
PVI STA = 25+50
PVI ELEV = 1098.65
A.D. = 1.60
K = 62.50
100.00' VC
PVCC: 25+00
PVI: 26+00
C.B. No. 7 TYPE 'A'
STA.26+60,15.50 LT
T/CURB=1102.71 (1102.73)
FL 6"(NE-NW)= 1099.67
FL 12"(SE)= 1099.92 (1099.60)
FL 15"(E-W)= 1099.67 (1099.48)
HIGH POINT ELEV = 1111.00
HIGH POINT STA = 29+86.21
PVI STA = 29+50
PVI ELEV = 1113.05
A.D. = -5.80
K = 51.71
300.00' VC
PVCC: 28+00
PVI: 29+00
C.B. No. 8 TYPE 'A'
STA.28+68,15.50 LT
T/CURB=1109.76 (1109.77)
FL 6"(NE-NW)= 1106.53
FL 12"(E)= 1106.78 (1106.39)
FL 15"(W)=1106.53 (1106.37)
(1107.87)
STORM M.H. No. 9
STA.30+10,18.00 LT
T/RIM=1111.16 (1111.36)
FL 6"(NE-NW)=1108.56
FL 12"(W)=1108.06
LOW POINT ELEV = 1108.475
LOW POINT STA = 31+63.16
PVI STA = 31+62.68
PVI ELEV = 1108.37
A.D. = 4.20
K = 4.76
20.00' VC
PVCC: 31+52.68
PVI: 31+72.68
PVI: 31+00
STUB CONNECTION
STA.18+25.00 RT
FL 24" = 1082.63
70 LF 24" STORM R=1.00%
EX. STORM SEWER
EX. SANITARY SEWER
(195.8') 196 LF 18" STORM R=4.00%
8" WATER
(150.2') 150 L.F. R= 4.00% 8 IN. SAN.
EX. SAN. MH
STA.19+00, CL
EX. T/RIM=1081.40
PROP T/RIM=1081.78
FL 8"(S)= 1071.73
FL 8"P.O.(N)= 1071.73
178 L.F. R= 3.00% 8 IN. SAN.
(180.8')
SAN. MH No. 1
STA.20+50, CL
RIM=1087.08 (1087.07)
FL 6"(NW)= 1077.90 (1077.84)
FL 8"(NE-SW)= 1077.73 (1077.75)
(170.0') 166 LF 18" STORM R=1.90%
(177.7') 179 LF 18" STORM R=3.40%
237 L.F. (235.3')
R= 2.00%
8 IN. SAN.
(30.1') 30 L.F. 18" STM. R=1.00%
SAN. MH No. 2
STA.22+30, 4.00 LT
RIM=1092.17 (1092.18)
FL 8"(NE,SW,NW)= 1083.07 (1082.99)
208 LF 15" STORM R=3.30% (208.5')
170 LF 12" STORM R=3.60% (166.7')
8" WATER
8 IN. SAN.
318 L.F. (318.6')
60 LF (62.2') 18" STORM R=1.10%
R= 2.50%
SAN. MH No. 3
STA.24+66, 7.00 LT
RIM=1096.83 (1097.13)
FL 8"(SE-E)=1087.81 (1087.13)
142 LF 12" STORM R=0.90% (141.9')
400 L.F. (399.4')
R= 1.00%
8 IN. SAN.
SAN. MH No. 4
STA.27+85, CL
RIM=1107.11 (1107.12)
FL 8"(E-W)= 1095.76 (1095.73)
SAN. MH No. 5
STA.31+85, CL
RIM=1108.82 (1108.75)
FL 8"(W-N)=1099.76 (1099.67)
8"WATER
8 IN. SAN.
2.20%
2.00%
STA. 31+85.68 C.L. BOWLING GREEN DRIVE
UNIVERSITY DRIVE
17+00 18+00 19+00 20+00 21+00 22+00 23+00 24+00 25+00 26+00 27+00 28+00 29+00 30+00 31+00

✱ A MINIMUM DISTANCE OF 12' VERTICAL AND 4' HORIZONTAL SEPARATION BETWEEN WATERLINE AND STORM SEWERS MUST BE MAINTAINED.
✱ A MINIMUM DISTANCE OF 18' VERTICAL AND 10' HORIZONTAL SEPARATION BETWEEN WATERLINE AND SANITARY SEWERS MUST BE MAINTAINED.

HOR. 1" = 50' VERT. 1" = 10'
DATE: NOVEMBER 1998
FIELD BOOK No. N/A
SHEET 4 OF 9

BRYAN J. ASHMAN
JERROLD E. DEIB
COOPER & ASSOCIATES, L.L.P.
ENGINEERS AND SURVEYORS
1359 MARKET AVENUE, NORTH
CANTON, OHIO 44714
PHONE (330) 452-5731
FAX No.(330) 452-9110

PLAN & PROFILE SHEET
UNIVERSITY VILLAGE
PHASE 2
CITY OF MASSILLON
STARK COUNTY, OHIO
FOR : P.R.M.D.C. LTD.

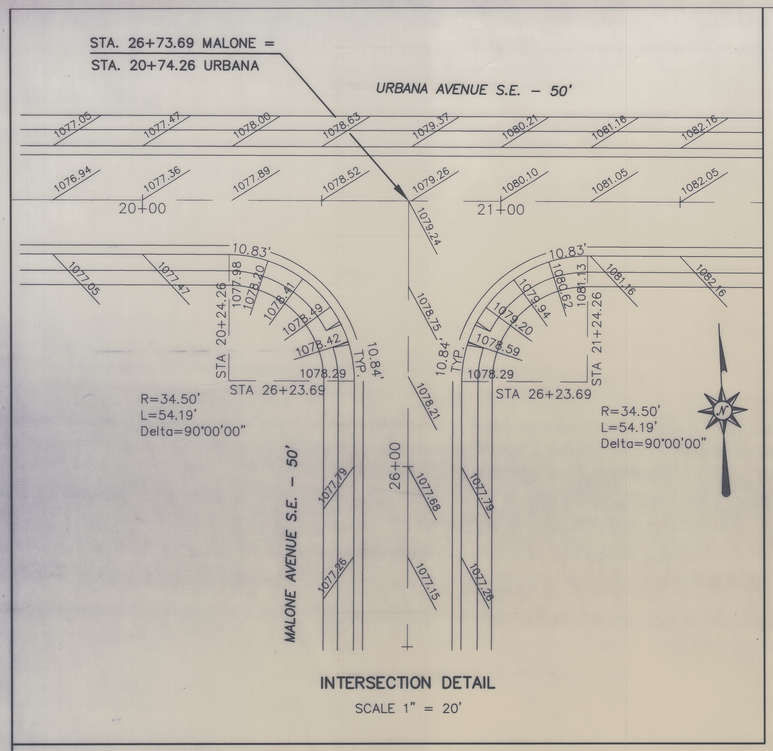
STATE OF OHIO
BRYAN J. ASHMAN
E-043804
REGISTERED
PROFESSIONAL ENGINEER

CITY OF MASSILLON	1/11	S.R.	
COMC	1/11	S.R.	
DESCRIPTION	DATE	BY	
REVISIONS			

DWN.BY: C.H.B. CHK'D.BY:

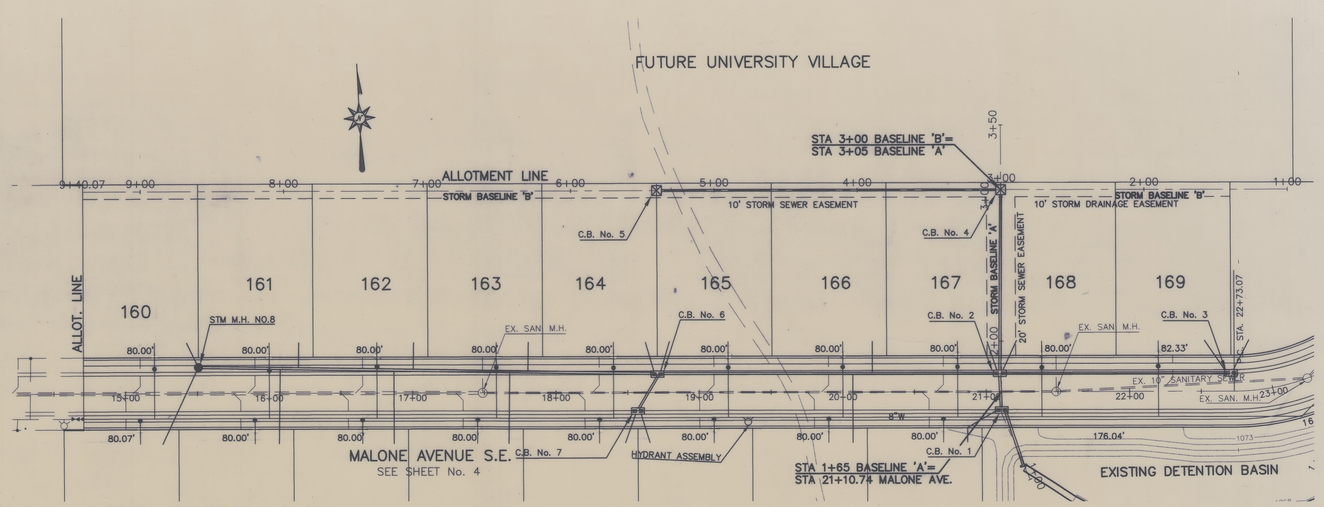
PROJ.# 97203B

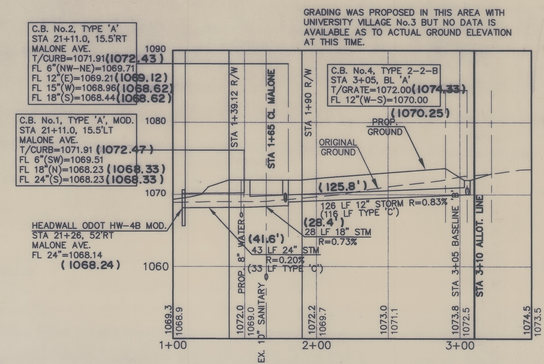
99 50 05



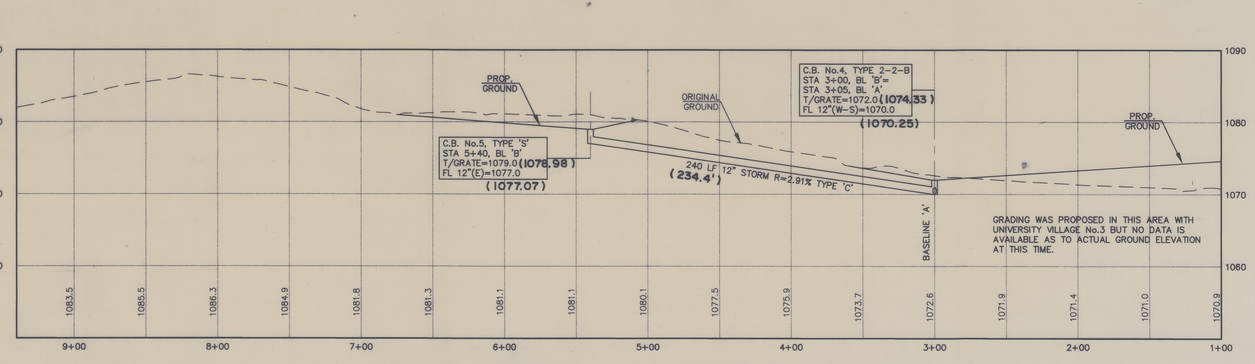
INTERSECTION DETAIL

SCALE 1" = 20'





STORM BASELINE 'A'



STORM BASELINE 'B'

BENCH MARK
60d SPIKE FOUND 1.2' UP SOUTH SIDE OF A 12" OAK TREE; 32.8' N 10° W OF THE S.W. CORNER OF THE N.W. QTR. OF SECTION 22, T-10(PERRY),R-9.
ELEV 1079.735

BENCH MARK
60d SPIKE FOUND 0.5' UP NORTH SIDE OF A TWIN 15" OAK TREE; 42' S 12° W OF THE 5/8" IRON BAR FOUND WITH 'DEIBEL' 6673 PLASTIC YELLOW CAP.
ELEV 1074.625

INTERSECTION DETAIL &
STORM BASELINE PROFILES 'A', 'B'

SCALE: HOR 1" = 50' VERT 1" = 10'
DATE: APRIL 2000
FIELD BOOK No. N/A
SHEET 6 OF 7

COOPER & ASSOCIATES, L.L.P.
ENGINEERS AND SURVEYORS
1359 MARKET AVENUE, NORTH
CANTON, OHIO 44714
PHONE (330) 452-5731
FAX No.(330) 452-9110
BRYAN J. ASHMAN
JEROLD E. GEIB

PROFILE SHEET
UNIVERSITY VILLAGE
PHASE 5
CITY OF MASSILLON
STARK COUNTY, OHIO
FOR : P.R.M.D.C. LTD.

DESCRIPTION	DATE	BY
REVISIONS		

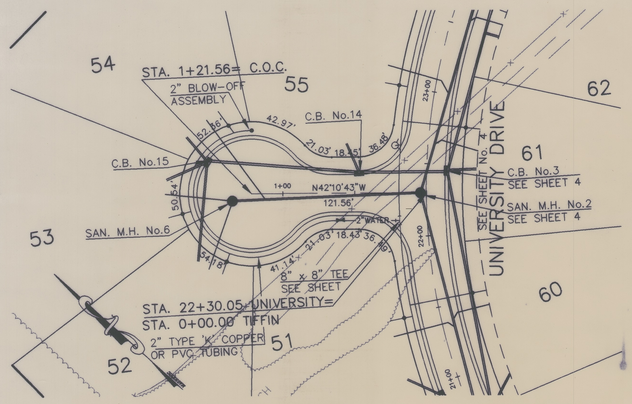
DWN.BY: C.H.B. CHK'D.BY:

PROJ.# 99266

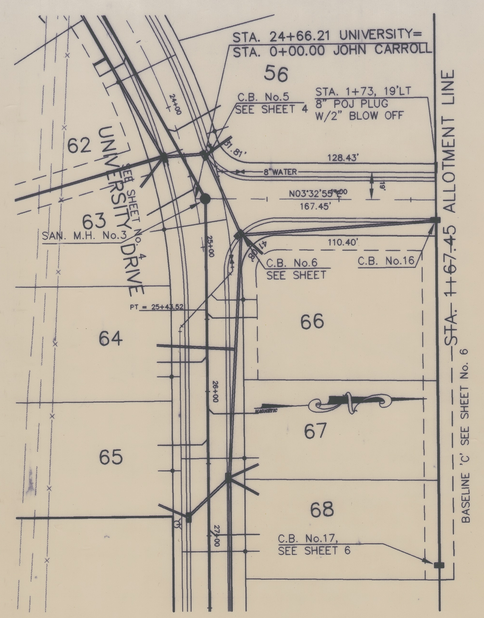
H:\cdsk\PROJ\99266\PS_STMBL5.dwg Tue May 16 08:50:17 2000

BENCH MARK
60d SPIKE FOUND 1.2' UP SOUTH SIDE OF A 12" OAK TREE; 32.8' N 10° W OF THE S.W. CORNER OF THE N.W. QTR. OF SECTION 22, T-10(PERRY),R-9.
ELEV 1079.735

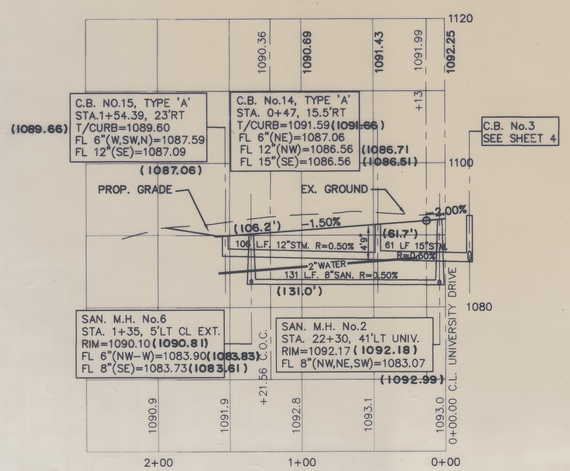
BENCH MARK
60d SPIKE FOUND 0.5' UP NORTH SIDE OF A TWIN 15" OAK TREE; 42' S 12° W OF THE 5/8" IRON BAR FOUND WITH 'DEIBEL' 6673 PLASTIC YELLOW CAP.
ELEV 1074.625



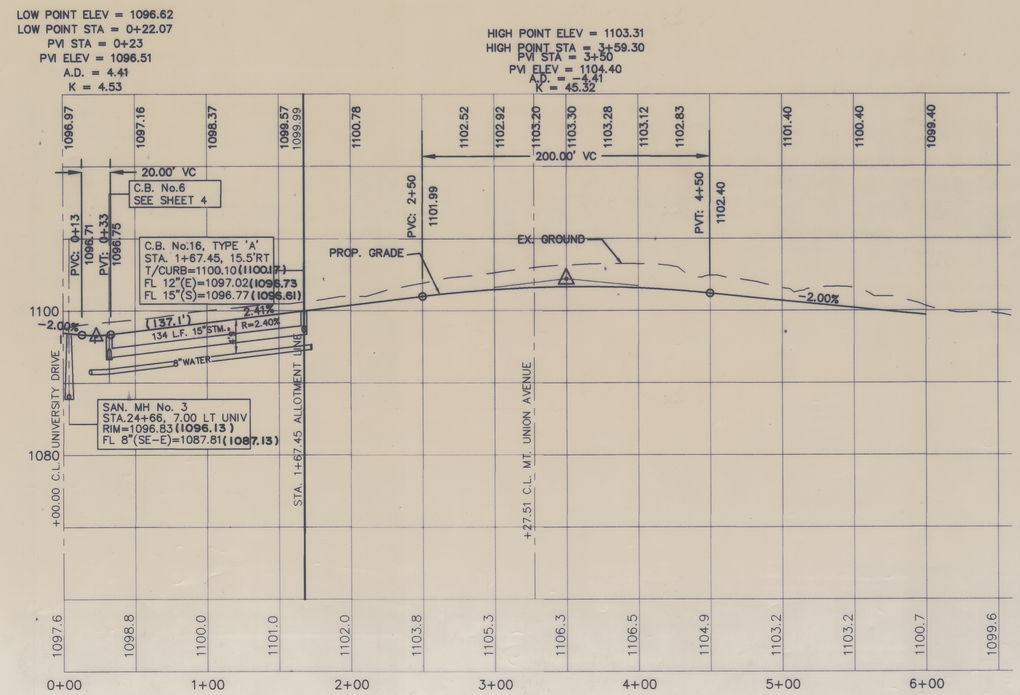
TIFFIN CIRC. S.E. – 50'



JOHN CARROLL DRIVE S.E. – 50'



* A MINIMUM DISTANCE OF 12" VERTICAL AND 4' HORIZONTAL SEPAR WATERLINE AND STORM SEWERS MUST BE MAINTAINED.
* A MINIMUM DISTANCE OF 18" VERTICAL AND 10' HORIZONTAL SEPA WATERLINE AND SANITARY SEWERS MUST BE MAINTAINED.



TIFFIN CIRC. / JOHN CARROLL DRIVE

HOR. 1" = 50' VERT. 1" = 10'
DATE: NOVEMBER 1998
FIELD BOOK No. N/A
SHEET 5 OF 9

COOPER & ASSOCIATES, L.L.P.
ENGINEERS AND SURVEYORS
1359 MARKET AVENUE, NORTH
CANTON, OHIO 44714
PHONE (330) 452-5731
FAX No.(330) 452-9110
BRYAN J. ASHMAN
JEROLD E. GEIB

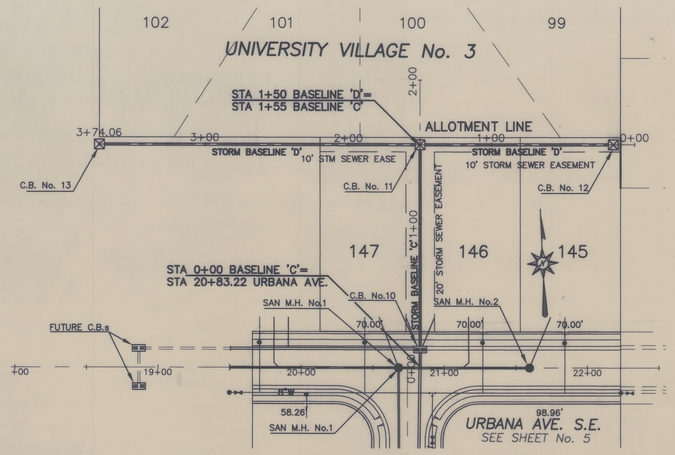
PLAN & PROFILE SHEET
UNIVERSITY VILLAGE
PHASE 2
CITY OF MASSILLON
STARK COUNTY, OHIO
FOR : P.R.M.D.C. LTD.

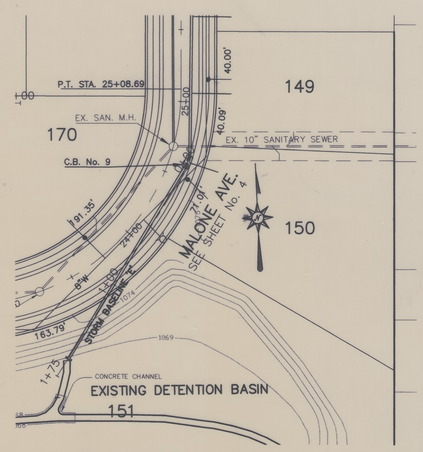
STATE OF OHIO
BRYAN J. ASHMAN
E-043804
REGISTERED
PROFESSIONAL ENGINEER

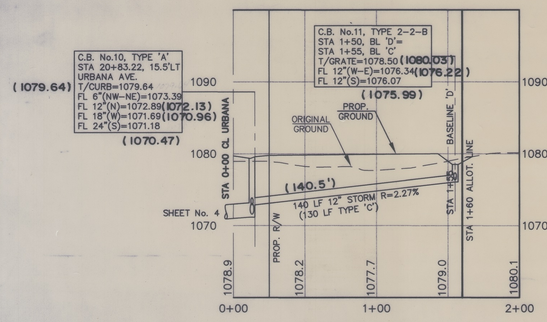
COMC	DESCRIPTION	DATE	BY
	REVISIONS	1/11	S.R.

DWN BY: C.H.B. CHK'D BY:

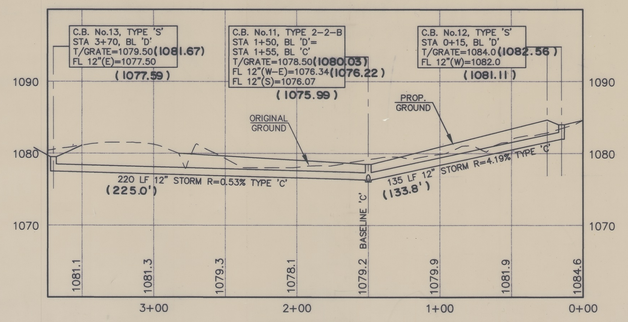
PROJ # 97203B



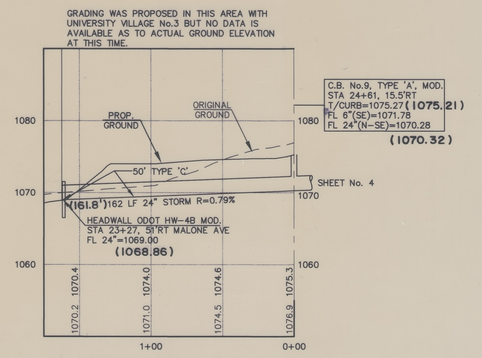




STORM BASELINE 'C'



STORM BASELINE 'D'



STORM BASELINE 'E'

BENCH MARK
60d SPIKE FOUND 1.2' UP SOUTH SIDE OF A 12" OAK TREE; 32.8' N 10° W OF THE S.W. CORNER OF THE N.W. QTR. OF SECTION 22, T-10(PERRY),R-9.
ELEV 1079.735

BENCH MARK
60d SPIKE FOUND 0.5' UP NORTH SIDE OF A TWIN 15" OAK TREE; 42' S 12° W OF THE 5/8" IRON BAR FOUND WITH 'DEIBEL' 6673 PLASTIC YELLOW CAP.
ELEV 1074.625

STORM BASELINE PROFILES 'C', 'D', 'E'

HOR. 1" = 50' SCALE VERT. 1" = 10'
DATE: APRIL 2000
FIELD BOOK No. N/A
SHEET 7 OF 7

BRYAN J. ASHMAN
JEROLD E. GEIB
COOPER & ASSOCIATES, L.L.P.
ENGINEERS AND SURVEYORS
1359 MARKET AVENUE, NORTH
CANTON, OHIO 44714
PHONE (330) 452-5731
FAX No.(330) 452-9110

PROFILE SHEET
UNIVERSITY VILLAGE
PHASE 5
CITY OF MASSILLON
STARK COUNTY, OHIO
FOR : P.R.M.D.C. LTD.

DESCRIPTION | DATE | BY
REVISIONS
DWN.BY: C.H.B. CHK'D BY:

PROJ # 99266

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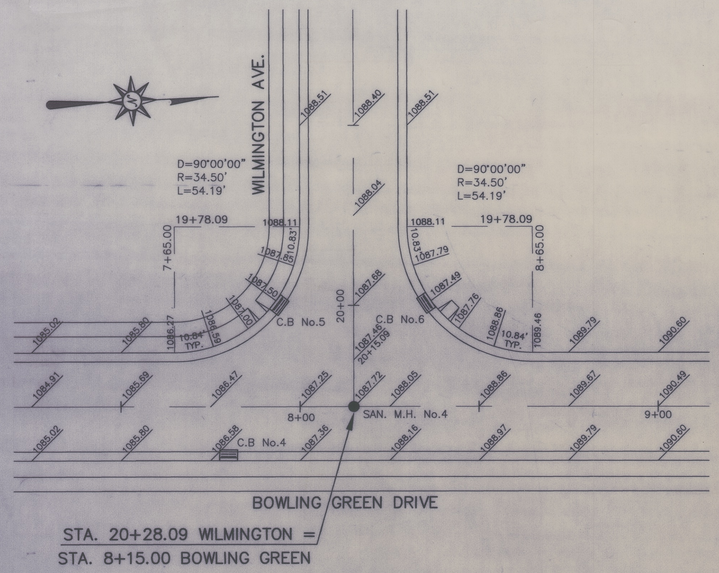

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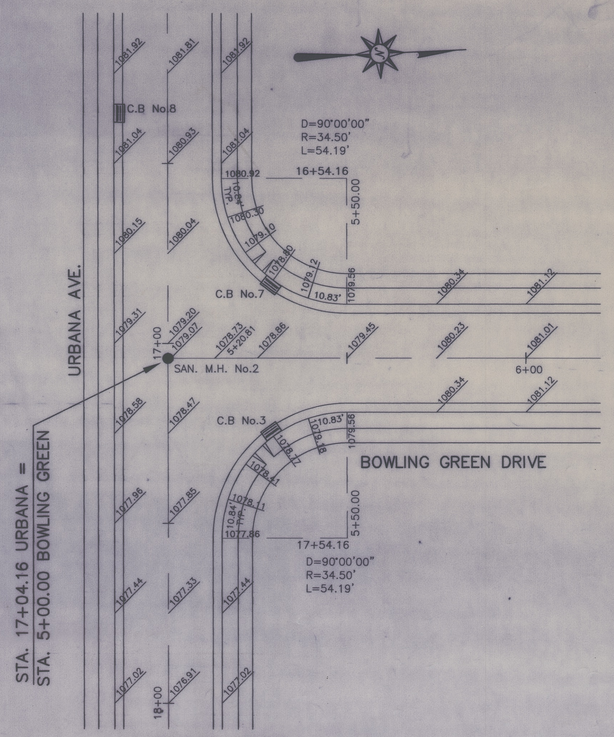
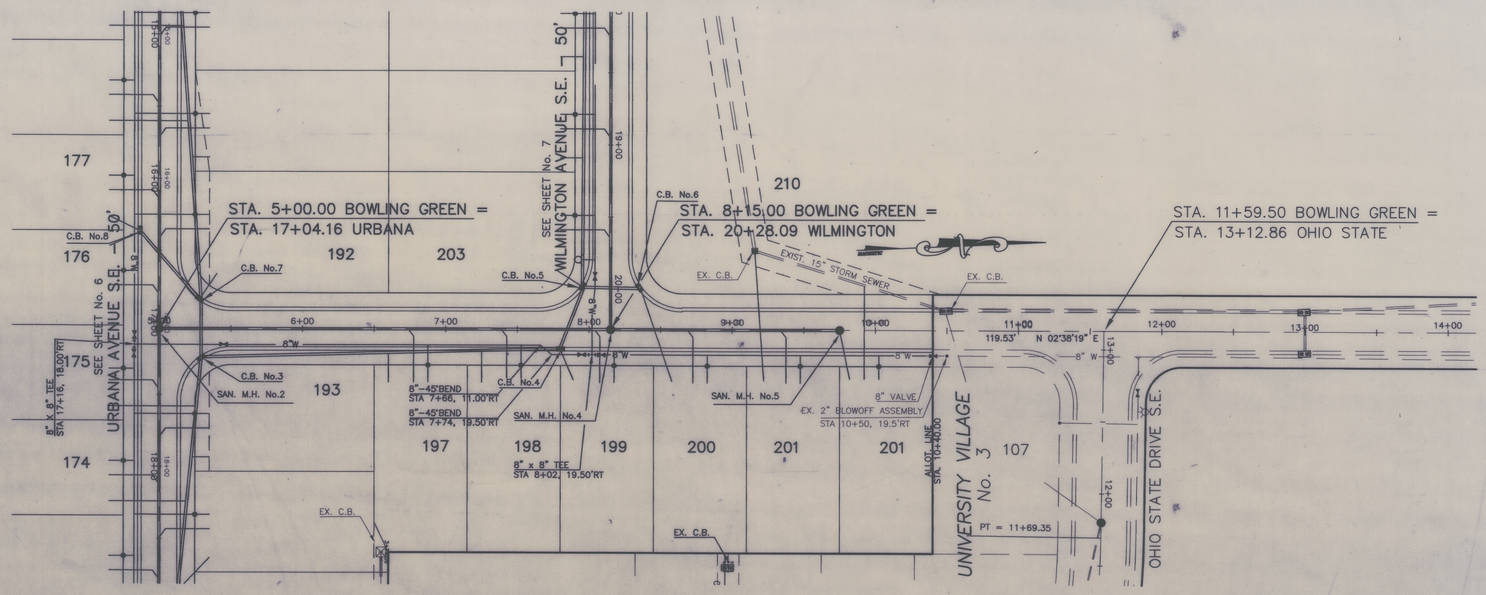
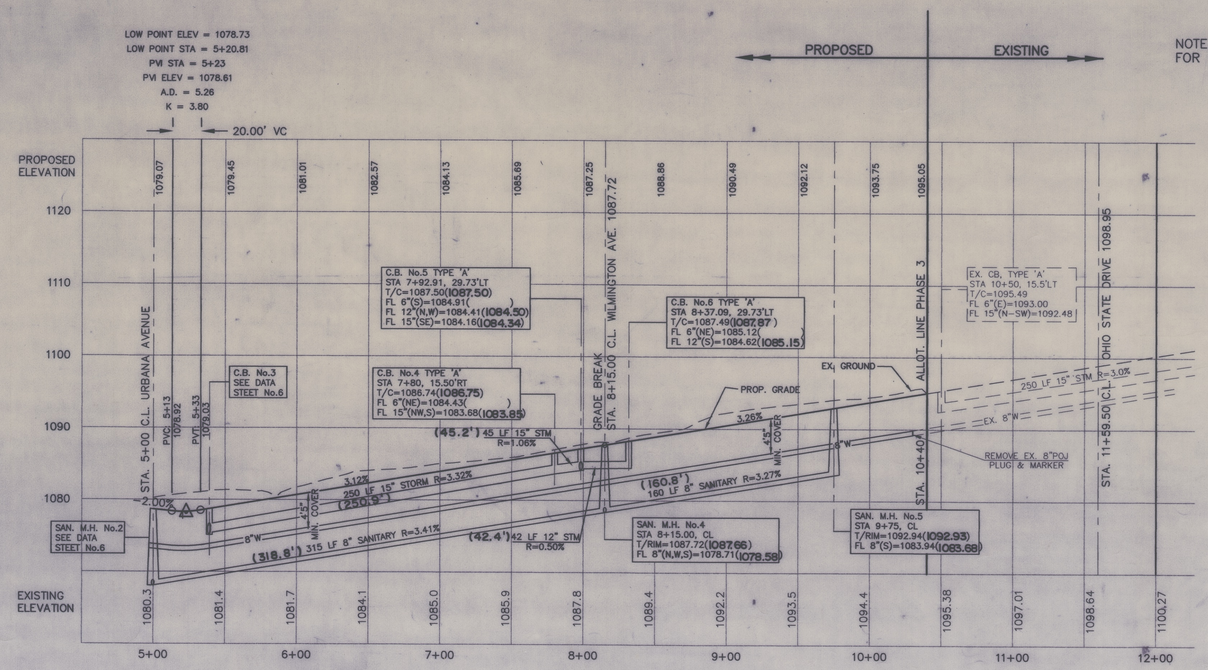




BOWLING GREEN DRIVE S.E. – 50'

BENCH MARK
60d SPIKE FOUND 1.2' UP SOUTH SIDE OF A 12" OAK TREE; 32.8' N 10° W OF THE S.W. CORNER OF THE N.W. QTR. OF SECTION 22, T-10(PERRY),R-9.
ELEV 1079.735

BENCH MARK
60d SPIKE FOUND 0.5' UP NORTH SIDE OF A TWIN 15" OAK TREE; 42' S 12° W OF THE 5/8" IRON BAR FOUND WITH 'DEIBEL' 6673 PLASTIC YELLOW CAP.
ELEV 1074.625



* A MINIMUM DISTANCE OF 12" VERTICAL AND 4' HORIZONTAL SEPARATION BETWEEN WATERLINE AND STORM SEWERS MUST BE MAINTAINED.
* A MINIMUM DISTANCE OF 18" VERTICAL AND 10' HORIZONTAL SEPARATION BETWEEN WATERLINE AND SANITARY SEWERS MUST BE MAINTAINED.

NOTE: SIDEWALKS ARE NOT SHOWN FOR CLARITY OF PLAN.

BOWLING GREEN DR.

SCALE HOR. 1" = 50' VERT. 1" = 10'
DATE: February 2001
FIELD BOOK No. N/A
SHEET 5 OF 7

BRYAN J. ASHMAN
JEROLD E. GEIB

COOPER & ASSOCIATES, L.L.P.
ENGINEERS AND SURVEYORS
1359 MARKET
AVENUE NORTH
CANTON, OHIO
44714
PHONE (330) 452-5731
FAX No.(330) 452-9110

PLAN & PROFILE SHEET
UNIVERSITY VILLAGE
PHASE 6
CITY OF MASSILLON
STARK COUNTY, OHIO
FOR : P.R.M.D.C. LTD.

DESCRIPTION	DATE	BY
REVISIONS		

DWN.BY: C.H.B. CHK'D.BY:

PROJ# 00245

99 SD 05

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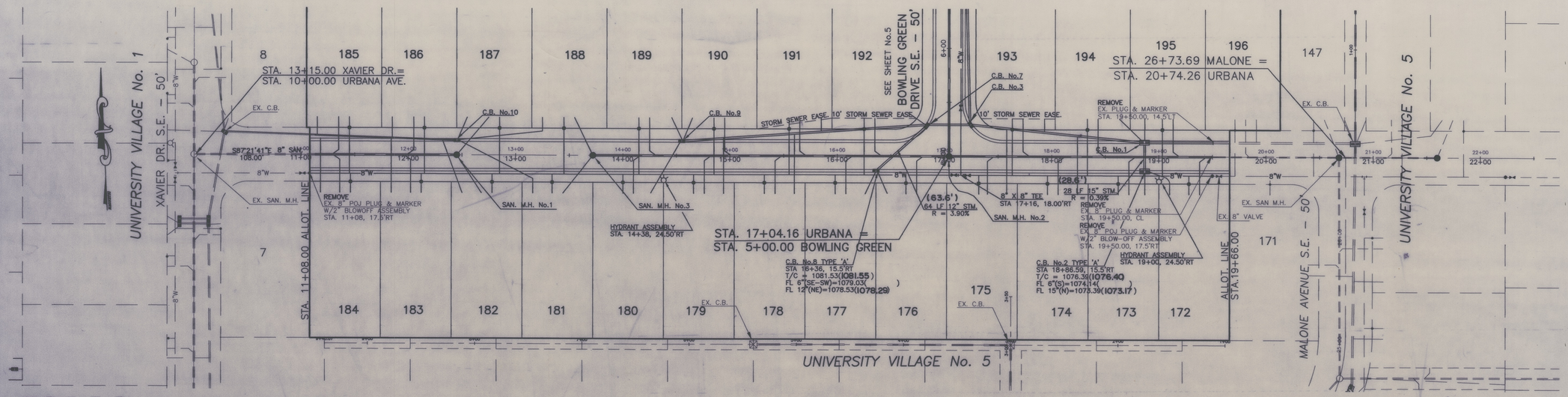
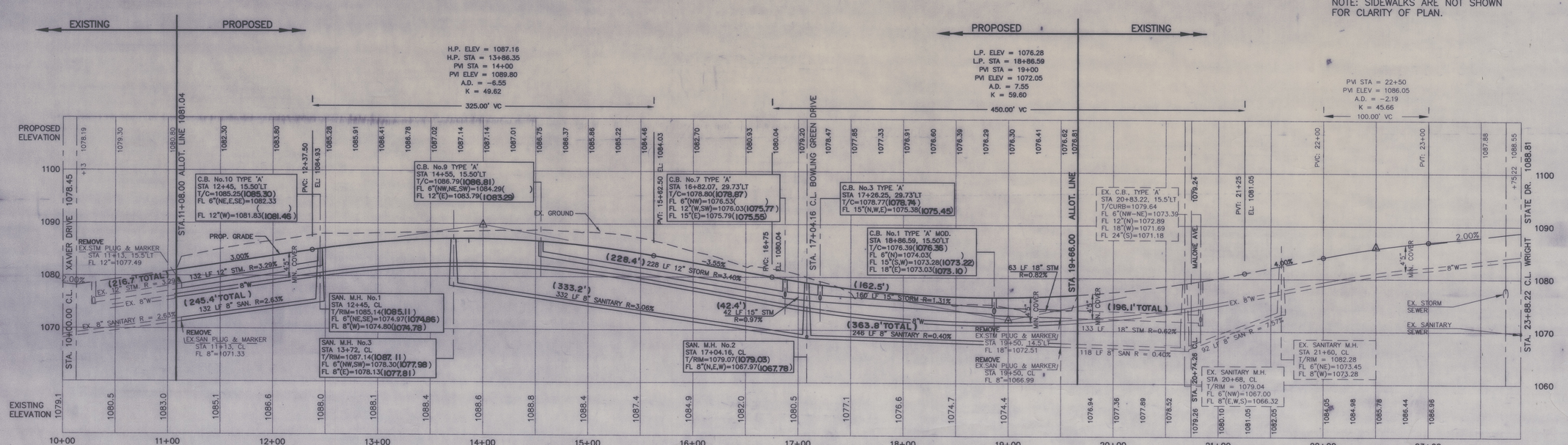


URBANA AVENUE S.E. – 50'

BENCH MARK
60d SPIKE FOUND 1.2' UP SOUTH SIDE OF A 12" OAK TREE; 32.8' N 10° W OF THE S.W. CORNER OF THE N.W. QTR. OF SECTION 22, T-10(PERRY),R-9.
ELEV 1079.735

BENCH MARK
60d SPIKE FOUND 0.5' UP NORTH SIDE OF A TWIN 15" OAK TREE; 42' S 12° W OF THE 5/8" IRON BAR FOUND WITH 'DEIBEL' 6673 PLASTIC YELLOW CAP.
ELEV 1074.625



NOTE: SIDEWALKS ARE NOT SHOWN FOR CLARITY OF PLAN.

✳ A MINIMUM DISTANCE OF 12" VERTICAL AND 4' HORIZONTAL SEPARATION BETWEEN WATERLINE AND STORM SEWERS MUST BE MAINTAINED.
✳ A MINIMUM DISTANCE OF 18" VERTICAL AND 10' HORIZONTAL SEPARATION BETWEEN WATERLINE AND SANITARY SEWERS MUST BE MAINTAINED.

URBANA AVE.

PLAN & PROFILE SHEET
UNIVERSITY VILLAGE
PHASE 6
CITY OF MASSILLON
STARK COUNTY, OHIO
FOR : P.R.M.D.C. LTD.

HOR. 1" = 50' VERT. 1" = 10'
DATE: February 2001
FIELD BOOK No. N/A
SHEET 6 OF 7

BRYAN J. ASHMAN
JEROLD E. GEIB
COOPER & ASSOCIATES, L.L.P.
ENGINEERS AND SURVEYORS
1359 MARKET AVENUE, NORTH CANTON, OHIO 44714
PHONE (330) 452-5731
FAX No.(330) 452-9110

DESCRIPTION	DATE	BY
REVISIONS		

DWN.BY:- C.H.B. CHK'D.BY:-

PROJ.# 00245

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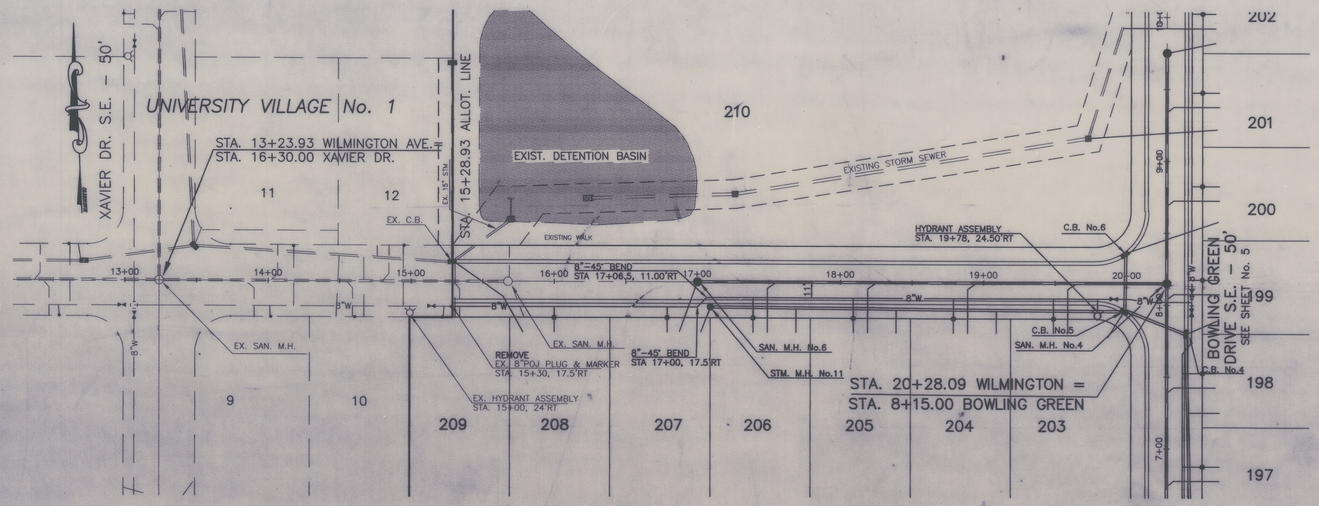
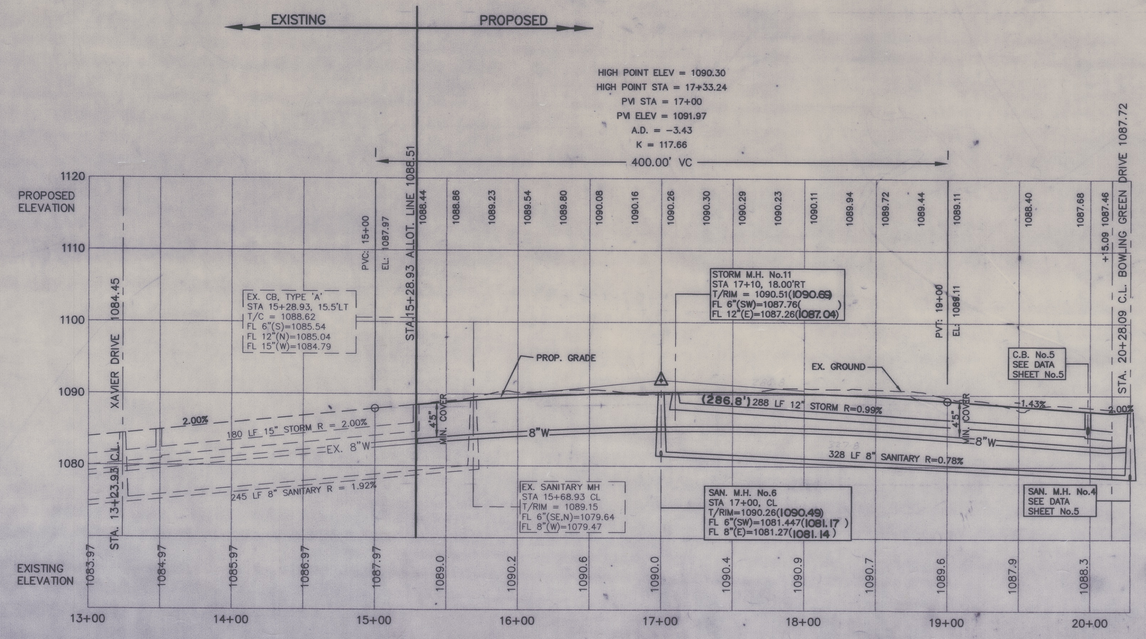


WILMINGTON AVENUE S.E. - 50'

BENCH MARK
60d SPIKE FOUND 1.2' UP SOUTH SIDE OF A 12" OAK TREE; 32.8' N 10° W OF THE S.W. CORNER OF THE N.W. QTR. OF SECTION 22, T-10(PERRY),R-9.
ELEV 1079.735

BENCH MARK
60d SPIKE FOUND 0.5' UP NORTH SIDE OF A TWIN 15" OAK TREE; 42' S 12° W OF THE 5/8" IRON BAR FOUND WITH 'DEIBEL' 6673 PLASTIC YELLOW CAP.
ELEV 1074.625

EXISTING PROPOSED



* A MINIMUM DISTANCE OF 12" VERTICAL AND 4' HORIZONTAL SEPARATION BETWEEN WATERLINE AND STORM SEWERS MUST BE MAINTAINED.
* A MINIMUM DISTANCE OF 18" VERTICAL AND 10' HORIZONTAL SEPARATION BETWEEN WATERLINE AND SANITARY SEWERS MUST BE MAINTAINED.

NOTE: SIDEWALKS NOT SHOWN FOR CLARITY OF PLAN.

WILMINGTON AVE.

HOR. 1" = 50' VERT. 1" = 10' SCALE
DATE: February 2001
FIELD BOOK No. N/A
SHEET 7 OF 7

BRYAN J. ASHMAN
JEROLD E. GEIB
COOPER & ASSOCIATES, L.L.P.
ENGINEERS AND SURVEYORS
1359 MARKET AVENUE NORTH
CANTON, OHIO 44714
PHONE (330) 452-5731
FAX No.(330) 452-9110

PLAN & PROFILE SHEET
UNIVERSITY VILLAGE
PHASE 6
CITY OF MASSILLON
STARK COUNTY, OHIO
FOR : P.R.M.D.C. LTD.

DESCRIPTION	DATE	BY
REVISIONS		

DWN.BY:- C.H.B. CHK'D.BY:-

PROJ.# 00245

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