AS-BUILTS 4A + 4B

S.W. QUARTER SECTION 3
TUSCARAWAS TOWNSHIP

RICHARD G. ROHRER
INST. NO. 200504040020551

CITY OF MASSILLON

SANITARY SEWER EASEMENT
200510310073115

N 02°13'05" E

OUT LOT & CORP. LINE
1558.80'

ALEXANDER R. LOCKHART, ETAL.
I.R. 1997063263

PROPOSED DETENTION BASIN 001

S.W. QUARTER SECTION 3
TUSCARAWAS TOWNSHIP

OUT LOT LINE & CORP. LINE

WEST SUPPO CREEK

N 87°37'50" W
614.68'

EXIST. 18" STM.

177.71'
N 02°13'42" E

1" PIPE
S.E. CORNER
S.W. QUARTER
SECTION 3

EXIST. DRAINAGE EASEMENT

TILLMAN III AND ANN M. MANUEL
I.R. 2010003290011024

RICHARD A. SMEYRES, ETAL.
I.R. 98016314
36.593 ACRES

CITY OF MASSILLON
I.R. 200801110001435

EXIST. 12" SAN.

SCALE 1" = 60'
0 60' 120'

A.R. LOCKHART DEVELOPMENT CO.
800 WEST WATERLOO RD.
AKRON, OHIO

AS-BUILTS
WEST BROOK ESTATES PHASE 4
IN THE CITY OF MASSILLON
STARK COUNTY, OHIO

REVISIONS			
DESCRIPTION	DATE	BY	CHKD
	9-12-17	SRC	SRC
	12-22-17	SRC	

PROJECT No.
AS-BUILT

SHEET No.
2

DATE:
9-12-17

DRAWN BY:
SRC

9063_Schematic-Dec-1-15

SEE SH. 9

SEE SH. 11

MATCH LINE STA. 26+00

CURVE DATA					
NO.	RADIUS	DELTA	LENGTH	TANGENT	CHORD BEARING	CHORD
C1	300.00'	17°15'00"	90.32'	45.50'	N 06°18'39" W	89.98'
C2	300.00'	04°34'48"	23.98'	12.00'	N 00°01'27" E	23.98'
C3	300.00'	12°40'12"	66.34'	33.31'	N 08°36'03" W	66.20'
C4	253.47'	17°09'14"	75.89'	38.23'	N 06°21'32" W	75.60'

WEST BROOK ESTATES PHASE III
INST. NO. 200903250011313

17299

17301

O.L. 1074

EXIST. DETENTION BASIN

SAMUEL COURT N.W.

ALPHA STREET N.W.

MAY AVE. N.W.

PROP. C.B. 12, TYPE 3A
STA. 22+05.48, 46.46' LT.
T.C. 1047.31
F.L. 12" N. 1044.23

PROP. C.B. 2, TYPE 3A
STA. 22+36.48, 46.48' LT.
T.C. 1047.28
F.L. 12" S. & W. 1043.88
F.L. 15" N.E. 1043.73

PROP. C.B. 1, TYPE 3A
STA. 22+85.0, 15.50' RT.
T.C. 1047.31
F.L. 15" S.W. 1042.69
F.L. 15" N. 1042.69

PROP. C.B. 11, TYPE 3A
STA. 25+07.25, 24.57' LT.
T.C. 1045.31
F.L. 12" N. 1042.14

PROP. STM. M.H. 4
STA. 25+33.86, 25.0' LT.
T/C 1044.72
F.L. 12" N., S. & E. 1040.78
F.L. 15" S.E. 1039.19
F.L. 18" W. 1039.10

PROP. C.B. 9, TYPE 3A
STA. 25+55.65, 18.13' LT.
T.C. 1045.31
F.L. 12" S. 1042.32

PROP. C.B. 10, TYPE 3A
STA. 25+33.86, 15.50' RT.
T.C. 1045.49
F.L. 12" N. 1042.30

EXISTING SAN. M.H. 1
STA. 25+46.2, 34.7' RT.
T/C 1045.00
F.L. 10" W. 1021.57
F.L. 12" 1021.40

EXISTING SAN. M.H. 40
STA. 24+74.7, 28.4' RT.
T/C 1046.59
F.L. 12" 1021.74

PROP. MODIFIED HEADWALL HW-1.1
STA. 25+85.0, 55.0' RT.
F.L. 36" 1036.40

PROP. 380 L.F. 12" STM. @ 0.94%

PROP. 250 L.F. 12" STM. @ 0.80%

PROP. 258.0 L.F. 15" STM. @ 1.00%

PROP. 78.0 L.F. 15" STM. @ 1.00%

PROP. 28± L.F. 12" STM. @ 1.25%

PROP. 26.0 L.F. 12" STM. @ 1.92%

PROP. 32.0 L.F. 12" STM. @ 1.44%

PROPOSED 8" W.V.
STA. 25+79, 17.0' RT.

PROPOSED 8" WATERLINE
MIN. 4.0' COVER
STA. 23+64, 25' RT.

PROPOSED SAN. EASEMENT

PROPOSED 4' SIDEWALK

PROPOSED 30' SAN. SEWER EASE.

REMOVE & REPLACE 15' PAVEMENT

EXIST. END PAVEMENT

EXIST. 6" LAT. (PLAN) 7.8' STACK @ 45° STA. 21+20. 33' LT.

EXIST. 6" LAT. (PLAN) 7.8' STACK @ 45° STA. 22+82, 31' LT.

EXIST. MONUMENT ASSEMBLY ℄ STA. 22+21.01 ALPHA ST. ℄ STA. 14+95.47 SAMUEL CT.

EXIST. MON. ASSEMBLY STA. 20+73.42

EXIST. MONUMENT ASSEMBLY P.C. STA. 22+51.01

EXIST. MONUMENT ASSEMBLY P.T. STA. 23+41.33

EXIST. MONUMENT ASSEMBLY P.T. STA. 24+37.97

EXIST. 2.5' CONC. CURB &GUTTER

EXIST. 8" WATERLINE

EXIST. 30" STM.

EXIST. W.V. STA. 22+30, 17.0' RT.

EXIST. HYD. STA. 22+70, 9.1' RT.

PROP. 45± L.F. 6" LAT. ON EXIST. EXIST. 7.8' STACK @ 45° STA. 22+73, 30' RT.

PROP. 28± L.F. 6" LAT. ON EXIST. 7.8' STACK @ 45° STA. 23+30, 30' RT.

PROP. 5± L.F. 6" LAT. ON EXIST. 7.8' STACK @ 45° STA. 24+35, 30' RT.

STA. 22+95, 25' RT.

STA. 24+49, 25' RT.

15 L.F. 6" STM.

END PAVEMENT STA. 22+75.0

N 02°18'51" E 177.59'

147.59'

30.00'

78.4'

111.84'

N 14°56'09" W

NOTE:
CONTRACTOR TO USE SERVICE STACK OR 45° BEND ON SERVICE LATERALS TO MAIN SEWER TRUNK LINE FOR ALL DEPTHS GREATER THAN 12'. SEE SERVICE STACK DETAIL.

DOWNSPOUTS WILL DRAIN TO THE REAR OF THIS LOT

DOWNSPOUTS WILL DRAIN TO THE REAR OF THIS LOT

PHASE 4A PHASE 4B

SCALE 1" = 20' HORIZONTAL
SCALE 1" = 5' VERTICAL
0 20' 40'

14+17R25

14+41R34

13+74L24

14+30L44

22+81L41

24+21L42

12+29R41

24+27R43

23+64R27

24+51R26

23+45R18

21+18L44

25+79R17

1055
1050
1045
1040
1035
1030
1025
1020

+00 1048.00
+25 1048.00
+50 1047.50
+75 1047.25
+00 1047.01
+25 1046.80
+50 1046.60
+75 1046.40
+00 1046.20
+25 1046.00
+50 1045.80
+75 1045.60
+00 1045.40
+50 1045.00
+75 1044.80
+00 1044.60

℄ SAMUEL COURT STA. 22+21.01 1047.79

ALLOTMENT LINE STA. 22+74.99 1047.25

℄ MAY AVE. STA. 25+28.86 1045.17

BEGIN PHASE 4B STA. 25+78.86 END PHASE 4A +75 1044.80

EXISTING 8" WATERLINE

PROP. 28.0 L.F. 12" STM. @ 1.82% 1.25%

PROP. 78.0 L.F. 15" STM. @ 1.00% 78.4' 1.33%

PROP. 258.0 L.F. 15" STM @ 1.00% 258' @ 1.36%

PROP. 26.0 L.F. 12" STM. @ 1.92% 5.23%

PROP. 32.0 L.F. 12" STM. @ 1.44% 4.81%

-1.00%

-0.80%

50' VERTICAL CURVE
PVI STA. 23+00.00
ELEV. 1047.00

EXISTING 402.8 L.F. 12" SAN. @ 0.48%

EXISTING 65.1 L.F. 12" SAN. @ 0.47%

21+00 22+00 23+00 24+00 25+00 26+00

PROP. C.B. 12, TYPE 3A
STA. 22+05.48, 46.46' LT.
T.C. ~~1047.05~~ 1047.31
F.L. 12" N. ~~1043.55~~ 1044.33

PROP. C.B. 2, TYPE 3A
STA. 22+36.48, 46.48' LT.
T.C. ~~1047.05~~ 1047.28
F.L. 12" S. & W. ~~1043.05~~ 1043.88
F.L. 15" N.E. ~~1042.80~~ 1043.73

PROP. C.B. 1, TYPE 3A
STA. 22+85.0, 15.50' RT.
T.C. ~~1047.22~~ 1047.31
F.L. 15" S.W. ~~1042.02~~ 1042.69
F.L. 15" N. ~~1042.02~~ 1042.69

PROP. C.B. 11, TYPE 3A
STA. 25+07.25, 24.57' LT.
T.C. ~~1045.00~~ 1045.31
F.L. 12" N. ~~1041.50~~ 1042.14

PROP. STM. M.H. 4
STA. 25+33.86, 25.0' LT.
T/C ~~1044.87~~ 1044.72
F.L. 12" N., S. & E. ~~1041.00~~ 1040.78
F.L. 15" S.E. ~~1039.44~~ 1039.19
F.L. 18" W. ~~1039.19~~ 1039.10

PROP. C.B. 9, TYPE 3A
STA. 25+55.65, 18.13' LT.
T.C. ~~1045.00~~ 1045.31
F.L. 12" S. ~~1041.96~~ 1042.32

EXISTING SAN. M.H.
STA. 24+74.7, 28.4' RT.
T/C 1046.59
F.L. 12" 1021.74

EXISTING SAN. M.H.
STA. 25+46.2, 34.7' RT.
T/C 1045.00
F.L. 10" W. 1021.57
F.L. 12" 1021.43

PROP. MODIFIED HEADWALL HW-1.1
STA. 25+85.0, 55.0' RT.
F.L. 36" 1036.40

PROP. 26.0 L.F. 12" STM. @ 1.92% 5.23%

PROP. 32.0 L.F. 12" STM. @ 1.44% 4.81%

PROP. 258.0 L.F. 15" STM @ 1.00% 258' @ 1.36%

PROP. 78.0 L.F. 15" STM. @ 1.00% 78.4' 1.33%

PROP. 28.0 L.F. 12" STM. @ 1.82% 1.25%

PROPOSED 8" WATERLINE MIN. 4.0' COVER

PHASE 4A PHASE 4B

-1.00%

-0.80%

50' VERTICAL CURVE
PVI STA. 23+00.00
ELEV. 1047.00

EXISTING 402.8 L.F. 12" SAN. @ 0.48%

EXISTING 65.1 L.F. 12" SAN. @ 0.47%

MATCH LINE STA. 26+00

A.R. LOCKHART DEVELOPMENT CO.
800 WEST WATERLOO RD.
AKRON, OHIO

PLAN & PROFILE
ALPHA STREET N.W.
WEST BROOK ESTATES PHASE 4
IN THE CITY OF MASSILLON
STARK COUNTY, OHIO

REVISIONS			
DESCRIPTION	DATE	BY	CHKD
	9-12-17		SRC

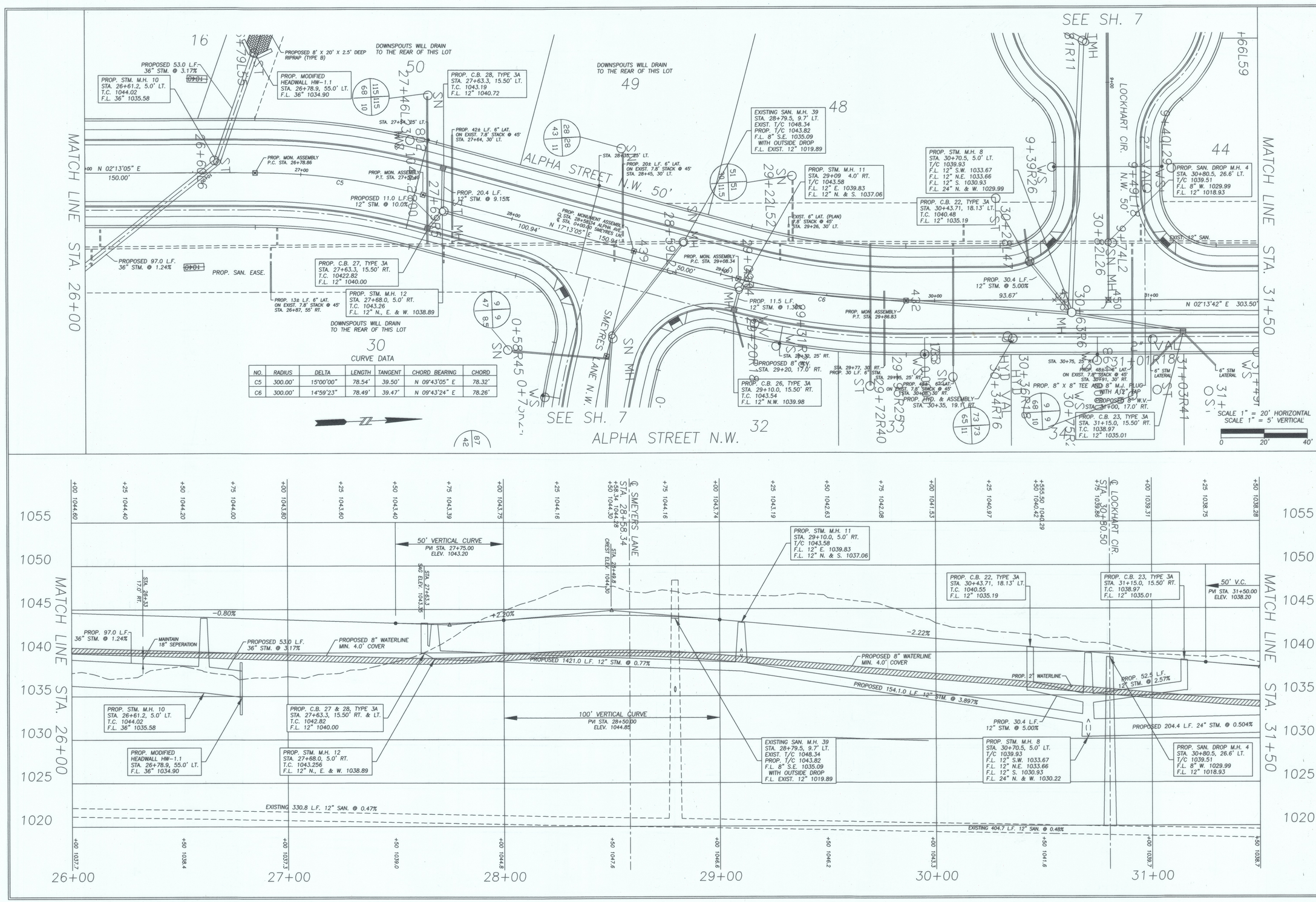
PROJECT No.
AG-Bon-LT

SHEET No.
4

DATE:
9-12-17

DRAWN BY:
SRC

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LOCKHART DEVELOPMENT COMPANY.
800 WEST WATERLOO RD.
AKRON, OHIO 44314
330-745-6520

PLAN & PROFILE
ALPHA STREET N.W.
WEST BROOK ESTATES PHASE 4
IN THE CITY OF MASSILLON
STARK COUNTY, OHIO

REVISIONS

DESCRIPTION	DATE	BY	CHKD
as-BUILTS	12-22-17	SRC	

PROJECT No.
AS-BUILTS

SHEET No.
5

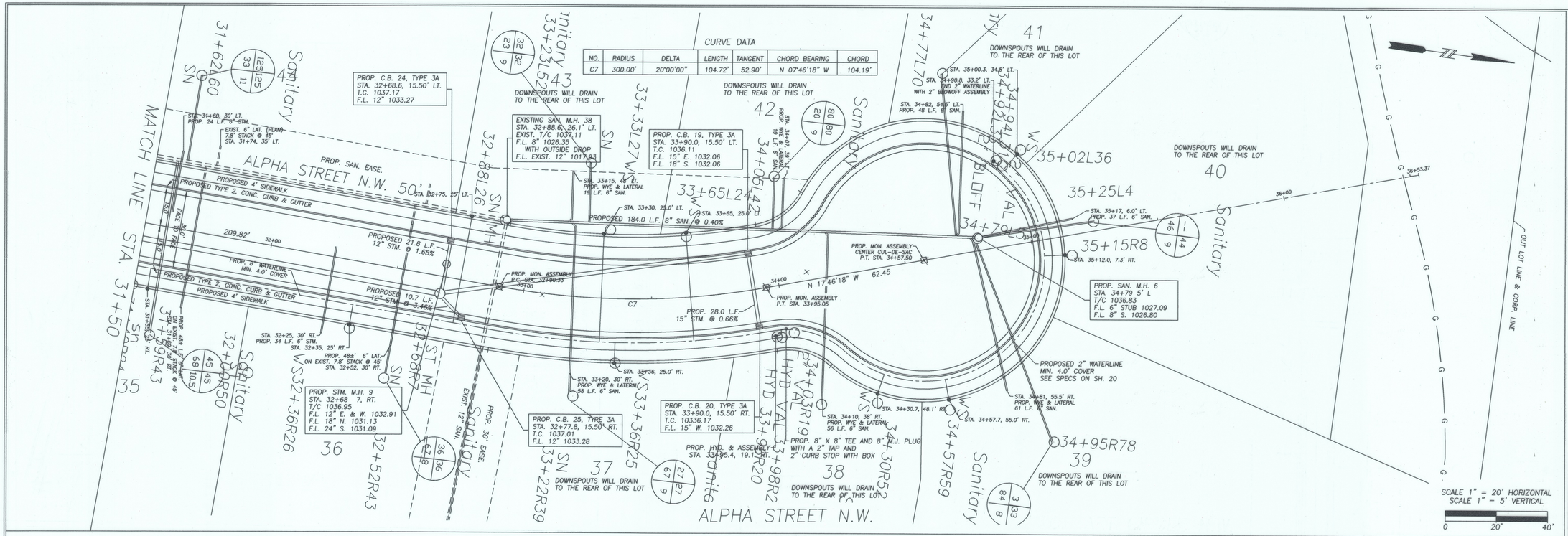
DATE:
12-22-17

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SRC

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TWISTED 97 45 00

MATCH LINE STA. 26+50



LOCKHART DEVELOPMENT COMPANY
800 WEST WATERLOO RD.
AKRON, OHIO 44314
330-745-6520

PLAN & PROFILE
ALPHA STREET N.W.
WEST BROOK ESTATES PHASE 4
IN THE CITY OF MASSILLON
STARK COUNTY, OHIO

REVISIONS

DESCRIPTION	DATE	BY	CHKD
AS-BUILTS	12-22-17	SRC	

PROJECT No.
AS-BUILTS

SHEET No.
6

DATE:
12-22-17

DRAWN BY:
SRC

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TWISTED +2 15 00

CURVE DATA						
NO.	RADIUS	DELTA	LENGTH	TANGENT	CHORD BEARING	CHORD
C8	250.00'	14°59'23"	65.40'	32.89'	S 80°16'36" E	65.23'

ALPHA STREET N.W. 50'

SMEYRES LANE N.W. 50'

SMEYRES LANE N.W.

LOCKHART CIRCLE N.W.

O.L. 1075

SCALE 1" = 20' HORIZONTAL
SCALE 1" = 5' VERTICAL

PLAN & PROFILE
ALPHA STREET N.W.
WEST BROOK ESTATES PHASE 4
IN THE CITY OF MASSILLON
STARK COUNTY, OHIO

LOCKHART DEVELOPMENT COMPANY
800 WEST WATERLOO RD.
AKRON, OHIO 44314
(330) 745-6320

REVISIONS

DESCRIPTION	DATE	BY	CHKD
REVISED PER: AQUA COMMENTS	2/1/16	RDA	HDM
AS-BUILTS	12-22-17	SRC	

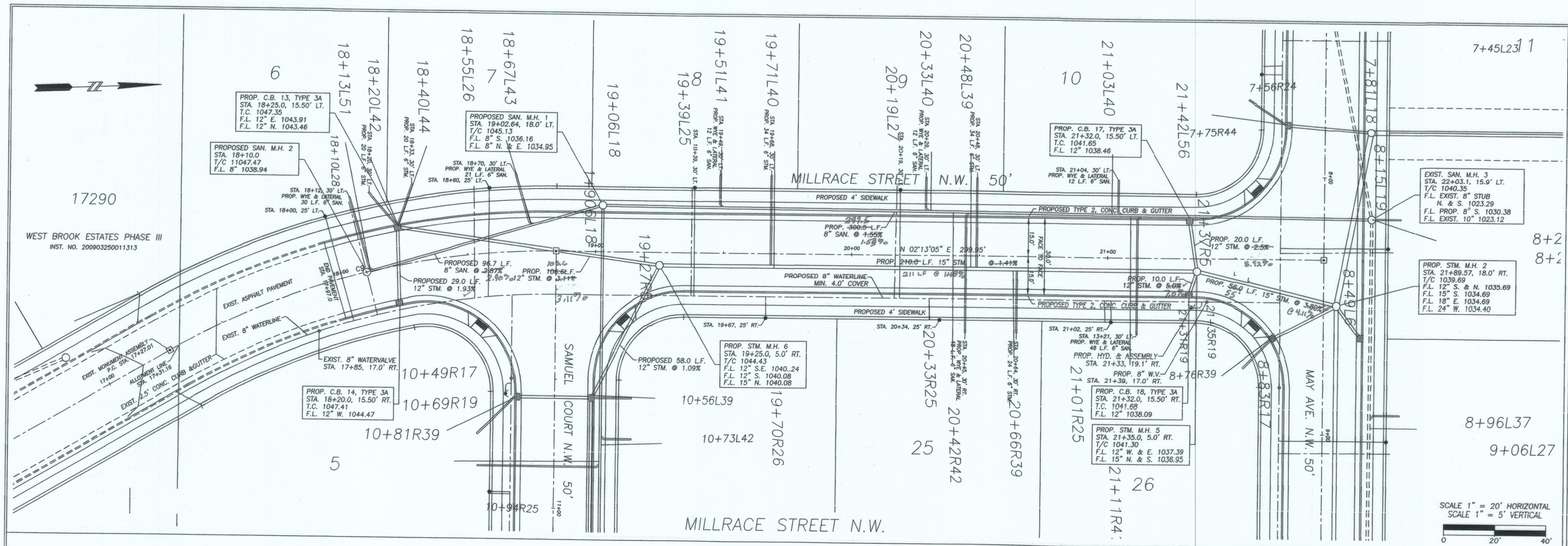
PROJECT No.
AS-BUILTS

SHEET No.
7

DATE:
12-22-17

DRAWN BY:
RDA

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A.R. LOCKHART DEVELOPMENT CO.
800 WEST WATERLOO RD.
AKRON, OHIO

PLAN & PROFILE
MILLRACE STREET N.W.
WEST BROOK ESTATES PHASE 4
IN THE CITY OF MASSILLON
STARK COUNTY, OHIO

REVISIONS	DATE	BY	CHKD
	9-13-17	SRC	

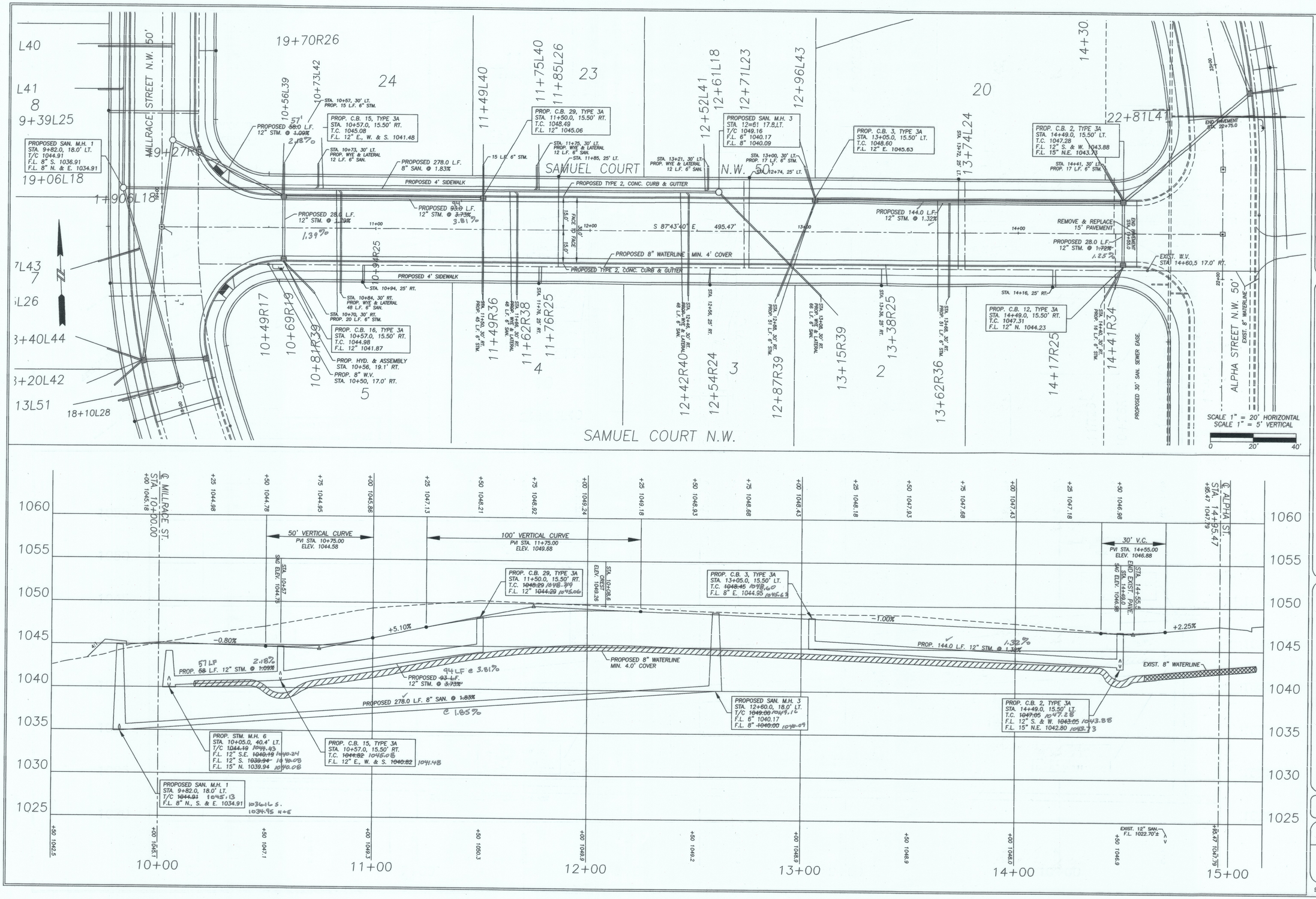
PROJECT No.
AS-BUILT

SHEET No.
8

DATE:
9-12-17

DRAWN BY:
SRC

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A.R. LOCKHART DEVELOPMENT CO.
800 WEST WATERLOO RD.
AKRON, OHIO

PLAN & PROFILE
SAMUEL COURT N.W.
WEST BROOK ESTATES PHASE 4
IN THE CITY OF MASSILLON
STARK COUNTY, OHIO

REVISIONS			
DESCRIPTION	DATE	BY	CHKD
	9-12-17		SRC

PROJECT No.
AS-BUILT

SHEET No.
9

DATE:
9-12-17

DRAWN BY:
SRC

9063_PP-Dec-1-15

PROPOSED
SIPPO RESERVES ALLOT.

O.L. 783

EXIST. 50' SANITARY SEWER EASEMENT
I.R. 200510310073115

EXIST. 222.0 L.F. 10" SAN. @ 0.30%

11

DOWNSPOUTS WILL DRAIN TO THE REAR OF THIS LOT

PROP. STM M.H. 1
STA. 7+82.5, 18.0' LT.
T/C 1040.65
F.L. 12" S. 1035.85
F.L. 24" N. & E. 1033.59

PROPOSED 152' 24" STM. @ 1.53% 1.75%

EXIST. SAN. M.H. 3
STA. 8+16.1, 18.5' LT.
T/C 1040.22
F.L. EXIST. 8" STUB N. & S. 1023.29
F.L. PROP. 8" S. 1030.22
F.L. EXIST. 10" 1023.12

PROP. STM M.H. 2
STA. 8+50.0, 5.0' LT.
T/C 1039.69
F.L. 12" S. & N. 1035.69
F.L. 15" S. 1034.69
F.L. 18" E. 1034.69
F.L. 24" W. 1034.69

PROP. C.B. 5, TYPE 3A
STA. 8+62.5, 15.50' LT.
T.C. 1039.95
F.L. 12" 1036.74

EXIST. SAN. M.H. 2
STA. 10+55.9, 17.6' LT.
T/C 1043.79
F.L. EXIST. 10" 1022.29

PROP. C.B. 7, TYPE 3A
STA. 10+20.0, 15.50' LT.
T.C. 1043.31
F.L. 12" 1040.14

EXIST. 6" LAT. (PLAN)
STA. 10+28, 42' LT.

STA. 7+33, 30' LT.
PROP. WYE & LATERAL
28 L.F. 6" SAN.

STA. 7+43, 25' LT.

STA. 8+16, 30' LT.
11 L.F. 6" SAN.

STA. 8+28, 25' LT.

STA. 8+92, 30' LT.
PROP. WYE & LATERAL
11 L.F. 6" SAN.

STA. 9+03, 25' LT.

STA. 9+83, 25' LT.

STA. 10+63, 25' LT.

MAY AVENUE N.W. 50'

7+81L18 8+15L19 8+49L6 9+06L27 9+71L42 9+80L24 10+25L42 10+55L18 10+63L26

MATCH LINE STA. 10+75

69'
PROP. 68.5 L.F.
24" STM. @ 1.02%

PROP. 15.0 L.F. 12" STM. @ 4.13%

EXIST. 239.8 L.F. 10" SAN. @ 0.33%

PROP. 170.0 L.F. 18" STM. @ 1.38%

PROP. 28.0 L.F.
12" STM. @ 1.79%

PROP. 8" WATERLINE
MIN. 4.0' COVER

PROPOSED 9.0 L.F.
12" STM. @ 5.56%

S 87°46'55" E 10+00 534.29'

PROPOSED 40.0 L.F.
12" STM. @ 2.65%

PROP. MONUMENT ASSEMBLY
P.C. STA. 7+35.71

PROP. 32.5 L.F.
12" STM. @ 2.37%

96.31'

PROP. MONUMENT ASSEMBLY
Q. STA. 8+32.02 MAY AVE.
& STA. 21+84.57 MILLVALE ST.

PROP. 56.5 L.F. 15" STM. @ 3.86%

PROPOSED 8" W.V.
STA. 6+90.0 17.0' RT.

8" PLUG & BLOW-OFF ASSEMBLY
@ ALLOT. LINE

STA. 7+60, 25' RT.

STA. 7+70, 30' RT.
PROP. 17 L.F. 6" STM.

PROP. C.B. 4, TYPE 3A
STA. 7+80.0, 15.50' RT.
T.C. 1040.53
F.L. 12" 1037.43

6+92R16 7+56R21 7+75R44 21+42L56 21+37R50 21+35R19 21+31R19 8+76R38 8+83R17

PROPOSED 8" W.V.
STA. 8+82.0 17.0' RT.

STA. 8+75, 30' RT.
PROP. 15 L.F. 6" STM.

PROP. C.B. 6, TYPE 3A
STA. 8+62.5, 18.57' RT.
T.C. 1039.87
F.L. 12" 1036.46

STA. 10+17, 25' RT.

PROP. STM M.H. 3
STA. 10+20.0, 5.0' LT.
T/C 1043.49
F.L. 12" N. & S.E. 1039.35
F.L. 18" W. & E. 1037.60

EXIST. 6" LAT. (PLAN)
STA. 10+27, 42' RT.

PROP. C.B. 8, TYPE 3A
STA. 10+55.0, 15.50' RT.
T.C. 1043.79
F.L. 12" 1040.80

PROP. 19 L.F. 6" STM.

PROP. 30' RT. 17 L.F. 6" STM.

10+47R39 10+67R42

10 21+03L40

SEE SH. 9

MAY AVENUE N.W. 21+01R25

26 21+11R41

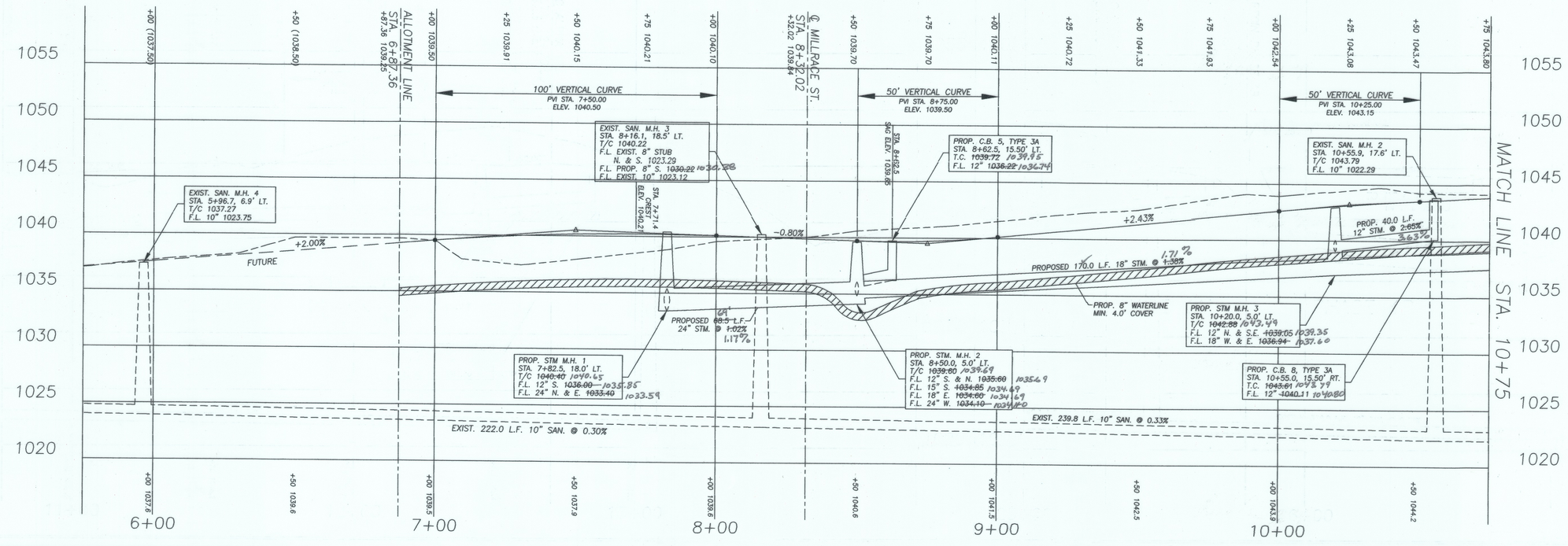
27 11R26 10+26R42

MILLRACE ST.

CURVE DATA

NO.	RADIUS	DELTA	LENGTH	TANGENT	CHORD BEARING	CHORD
C10	300.00'	09°14'04"	48.35'	24.23'	N 87°36'02" E	48.30'

SCALE 1" = 20' HORIZONTAL
SCALE 1" = 5' VERTICAL
0 20' 40'



A.R. LOCKHART DEVELOPMENT CO.
800 WEST WATERLOO RD.
AKRON, OHIO

PLAN & PROFILE
MAY AVENUE N.W.
WEST BROOK ESTATES PHASE 4
IN THE CITY OF MASSILLON
STARK COUNTY, OHIO

REVISIONS	DESCRIPTION	DATE:	BY	CHKD
		9-12-17		SRC

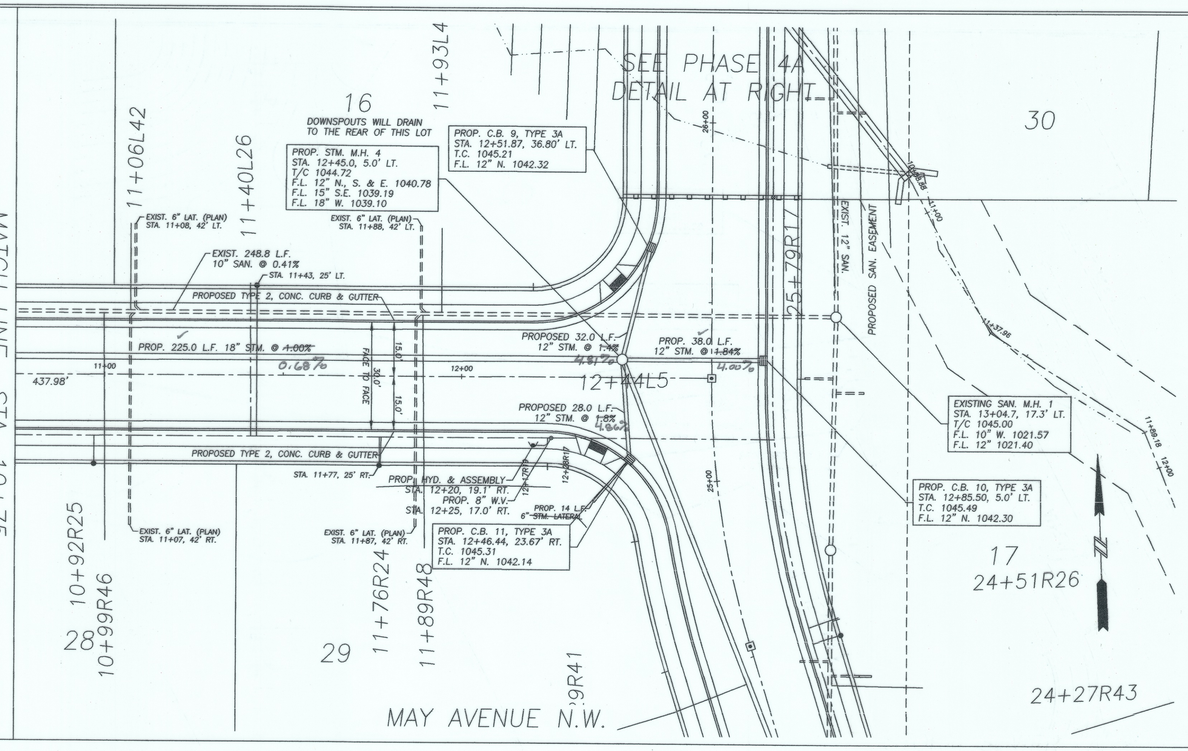
PROJECT No.
AS-BUILT

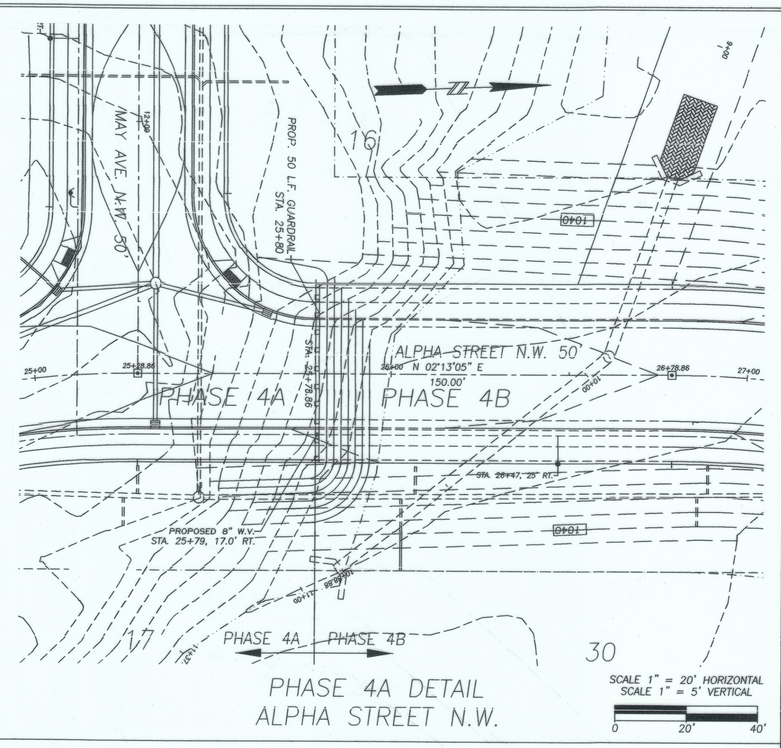
SHEET No.
10

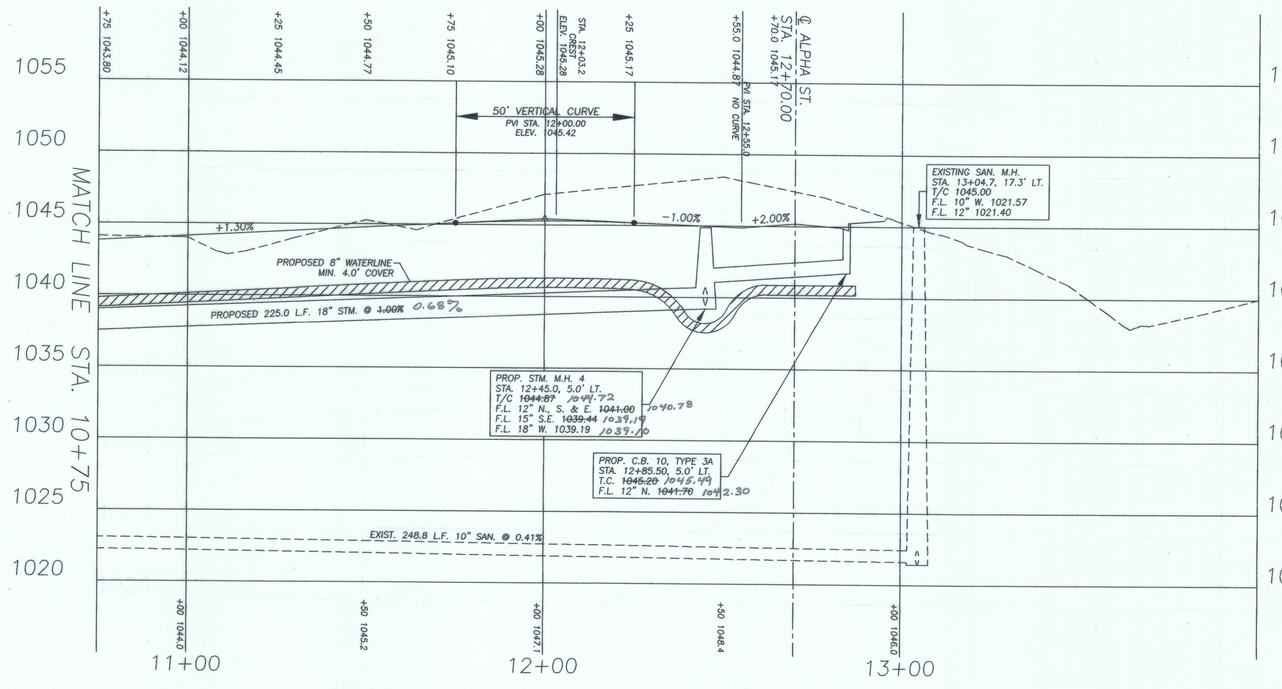
DATE:
9-12-17

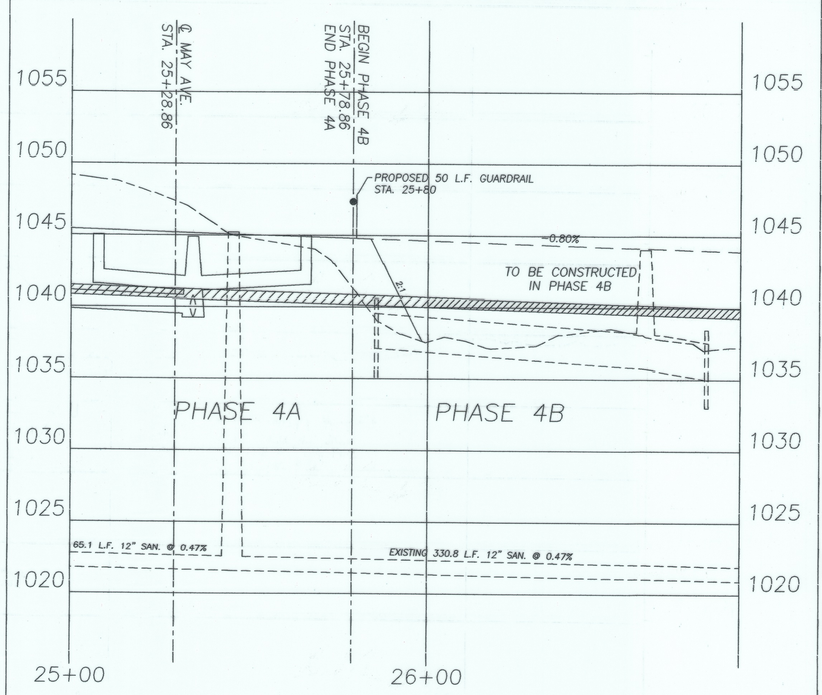
DRAWN BY:
SRC

9063_PP-Dec-1-15









A.R. LOCKHART DEVLOPMENT CO.
800 WEST WATERLOO RD.
AKRON, OHIO

PLAN & PROFILE
MAY AVENUE N.W.
WEST BROOK ESTATES PHASE 4
IN THE CITY OF MASSILLON
STARK COUNTY, OHIO

REVISIONS	DESCRIPTION	DATE	BY	CHKD
		9-12-17	SRC	

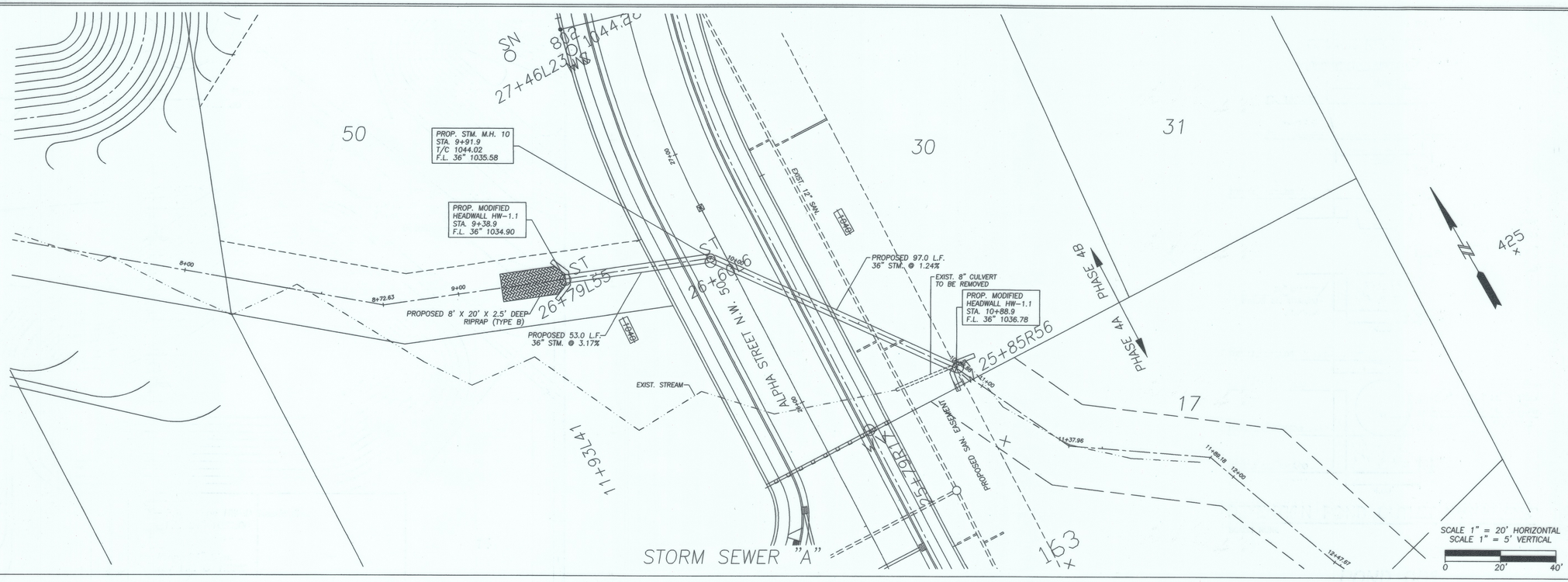
PROJECT No.
AS-BUILT

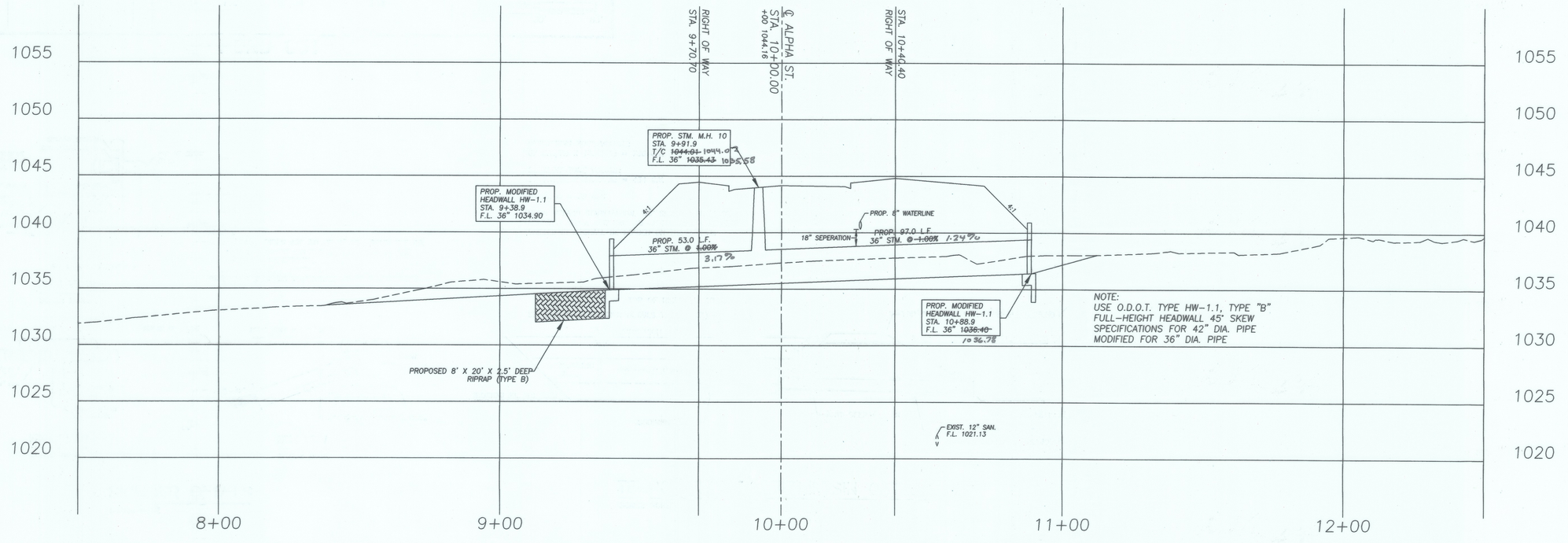
SHEET No.
11

DATE:
9-13-17

DRAWN BY:
SRC

9063_PP-Dec-1-15





LOCKHART DEVELOPMENT COMPANY

AKRON, OHIO
800 WEST WATERLO RD.
330-745-6520

PLAN & PROFILE
STORM SEWER "A"
WEST BROOK ESTATES PHASE 4
IN THE CITY OF MASSILLON
STARK COUNTY, OHIO

REVISIONS

DESCRIPTION	DATE	BY	CHKD
REVISED PER: AQUA COMMENTS	2/1/16	RDA	HDM
AS-BUILTS	12-22-17	SRC	

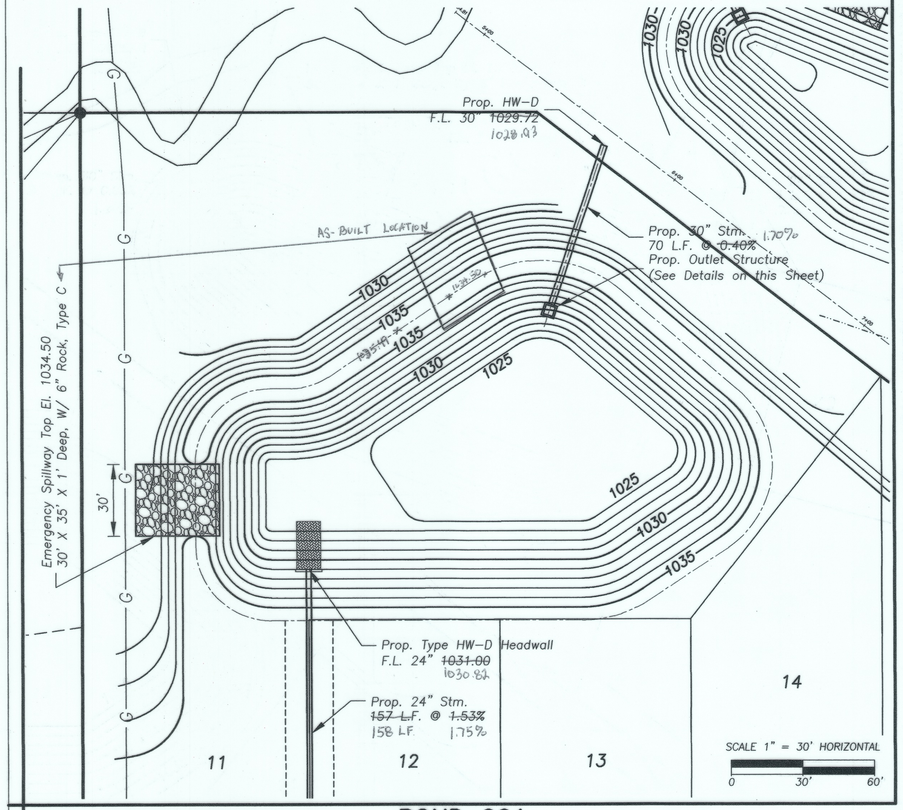
PROJECT No.
AS-BUILTS

SHEET No.
12

DATE:
12-22-17

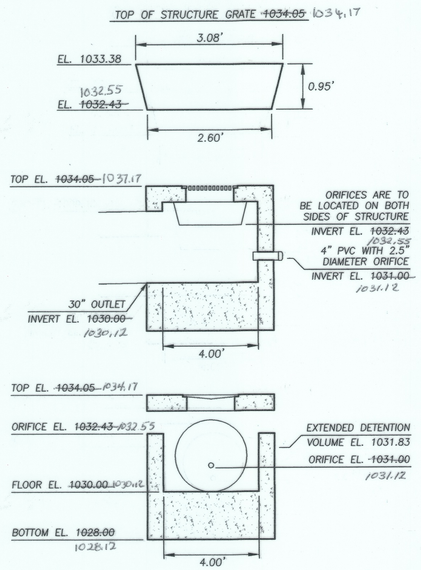
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POND 001

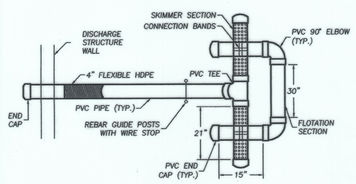
ORIFICE REQUIREMENTS



DETENTION POND OUTLET STRUCTURE

SCALE: NONE

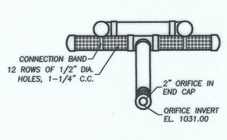
POND 001



PLAN VIEW

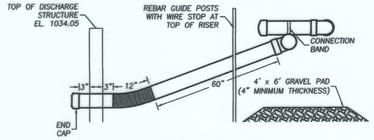
SCALE: NONE

NOTES:
1. ALL P.V.C. PIPES ARE TO BE 4" I.D., SCHEDULE 40.
2. ALL CONNECTIONS ON THE SKIMMER ARE TO BE WATER-TIGHT CONNECTIONS.
3. THE 4" FLEXIBLE HDPE IS TO BE ATTACHED TO THE RISER AND SKIMMER WITH WATER-TIGHT CONNECTIONS.



FRONT VIEW

SCALE: NONE



SIDE VIEW

SCALE: NONE

SKIMMER DETAILS

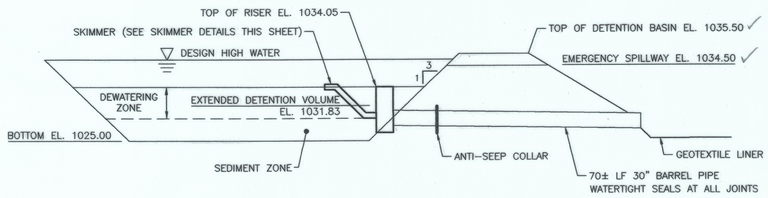
SCALE: NONE

DEWATERING ZONE VOLUME:
67 C.Y./Ac X 11.72 Ac = 786 C.Y.

SEDIMENT ZONE VOLUME:
37 C.Y./Ac X 11.72 Ac = 434 C.Y.

10 YR. Q = 39 CFS

UPON UPLAND STABILIZATION, THE SKIMMER SHALL BE REMOVED AND A NEW END CAP WITH A 2.5" ORIFICE DRILLED IN IT SHALL BE PLACED ON THE 4" PVC.



TEMPORARY SEDIMENT BASIN OUTLET

SCALE: NONE

A.R. LOCKHART DEVELOPMENT CO.
800 WEST WATERLOO RD.
AKRON, OHIO

DETENTION POND DETAILS
POND 001
WEST BROOK ESTATES PHASE 4
IN THE CITY OF MASSILLON
STARK COUNTY, OHIO

REVISIONS			
DESCRIPTION	DATE	BY	CHK'D
	9-12-17	SRC	

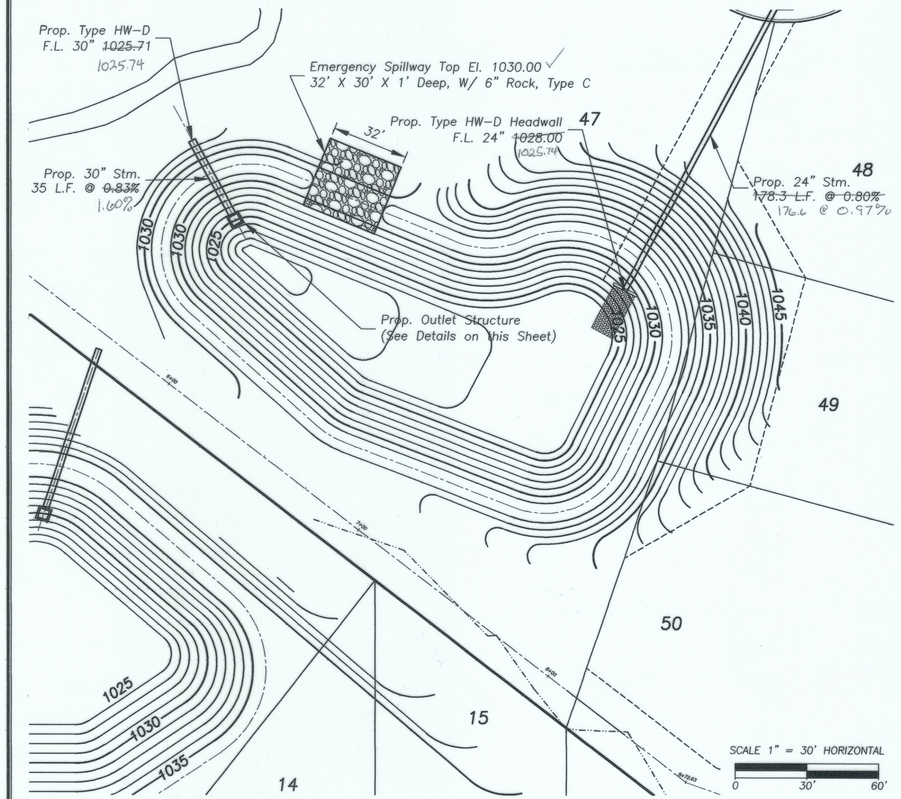
PROJECT No.
AS-BUILT

SHEET No.
13

DATE:
9-12-17

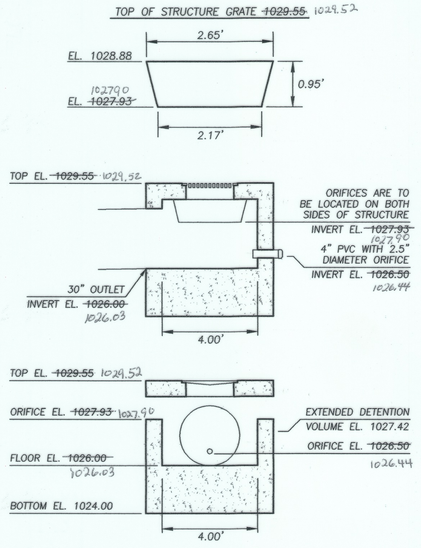
DRAWN BY:
SRC

9063_PP-Dec-1-15



POND 002

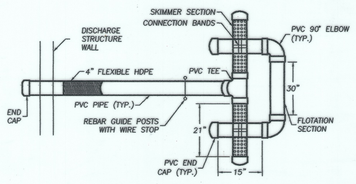
ORIFICE REQUIREMENTS



DETENTION POND OUTLET STRUCTURE

SCALE: NONE

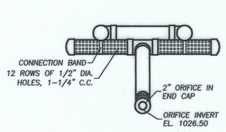
POND 002



PLAN VIEW

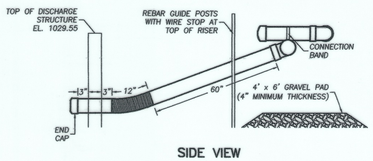
SCALE: NONE

NOTES:
1. ALL P.V.C. PIPES ARE TO BE 4" I.D., SCHEDULE 40.
2. ALL CONNECTIONS ON THE SKIMMER ARE TO BE WATER-TIGHT CONNECTIONS.
3. THE 4" FLEXIBLE HDPE IS TO BE ATTACHED TO THE RISER AND SKIMMER WITH WATER-TIGHT CONNECTIONS.



FRONT VIEW

SCALE: NONE



SIDE VIEW

SCALE: NONE

SKIMMER DETAILS

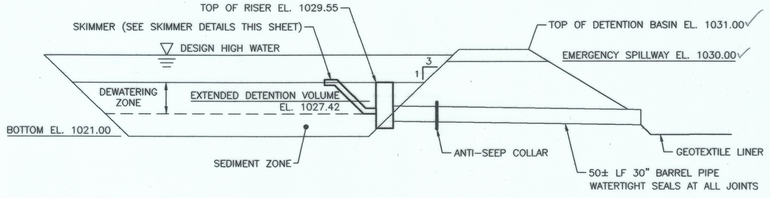
SCALE: NONE

DEWATERING ZONE VOLUME:
67 C.Y./Ac X 8.87 Ac = 595 C.Y.

SEDIMENT ZONE VOLUME:
37 C.Y./Ac X 11.72 Ac = 329 C.Y.

10 YR. Q = 29 CFS

UPON UPLAND STABILIZATION, THE SKIMMER SHALL BE REMOVED AND A NEW END CAP WITH A 2.5" ORIFICE DRILLED IN IT SHALL BE PLACED ON THE 4" PVC.



TEMPORARY SEDIMENT BASIN OUTLET

SCALE: NONE

LOCKHART DEVELOPMENT COMPANY
800 WEST WATERLOO RD.
AKRON, OHIO 44314
330-745-6520

DETENTION POND DETAILS
POND 002
WEST BROOK ESTATES PHASE 4
IN THE CITY OF MASSILLON
STARK COUNTY, OHIO

REVISIONS

DESCRIPTION	DATE	BY	CHKD
AS-BUILTS	12-22-17	SRC	

PROJECT No.
AS-BUILTS

SHEET No.
14

DATE:
12-22-17

DRAWN BY:
SRC

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