

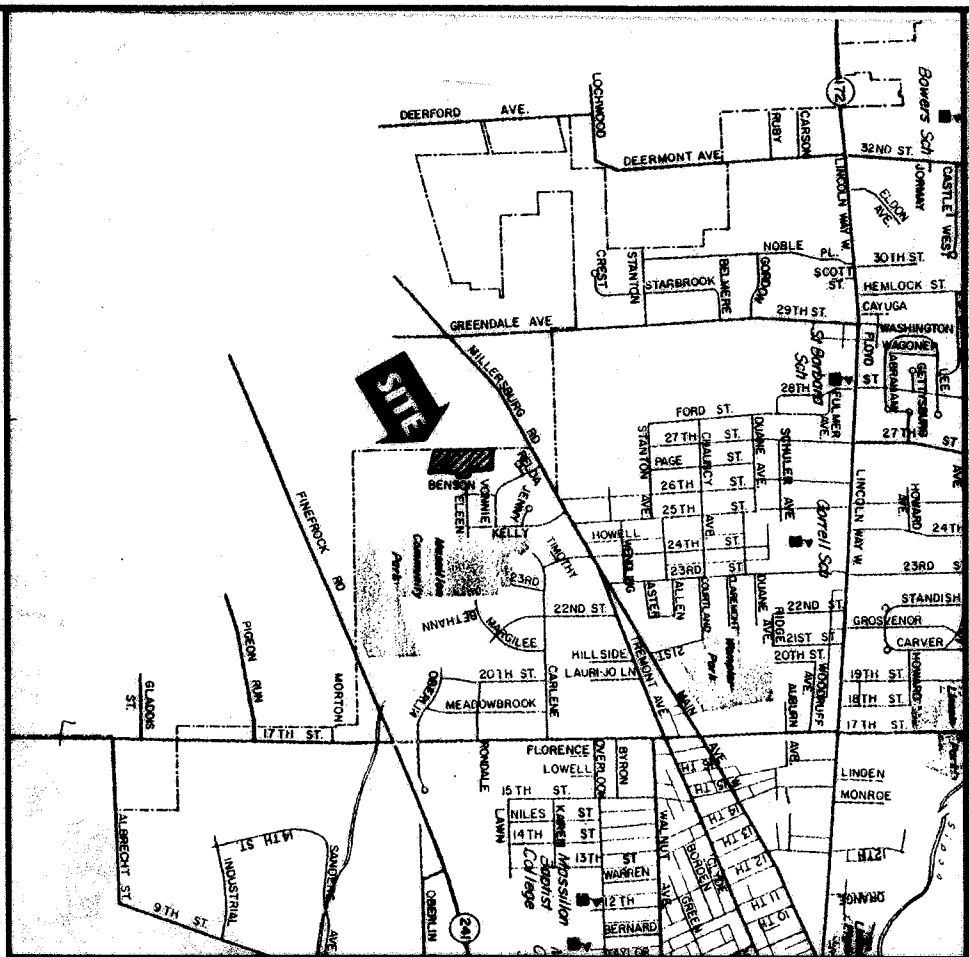
COUNTRY VIEW ESTATES NO. 3

LOCATED IN THE CITY OF MASSILLON,
COUNTY OF STARK, STATE OF OHIO
AND BEING PART OF OUTLOT 602

AUGUST 6, 1999

19 LOTS

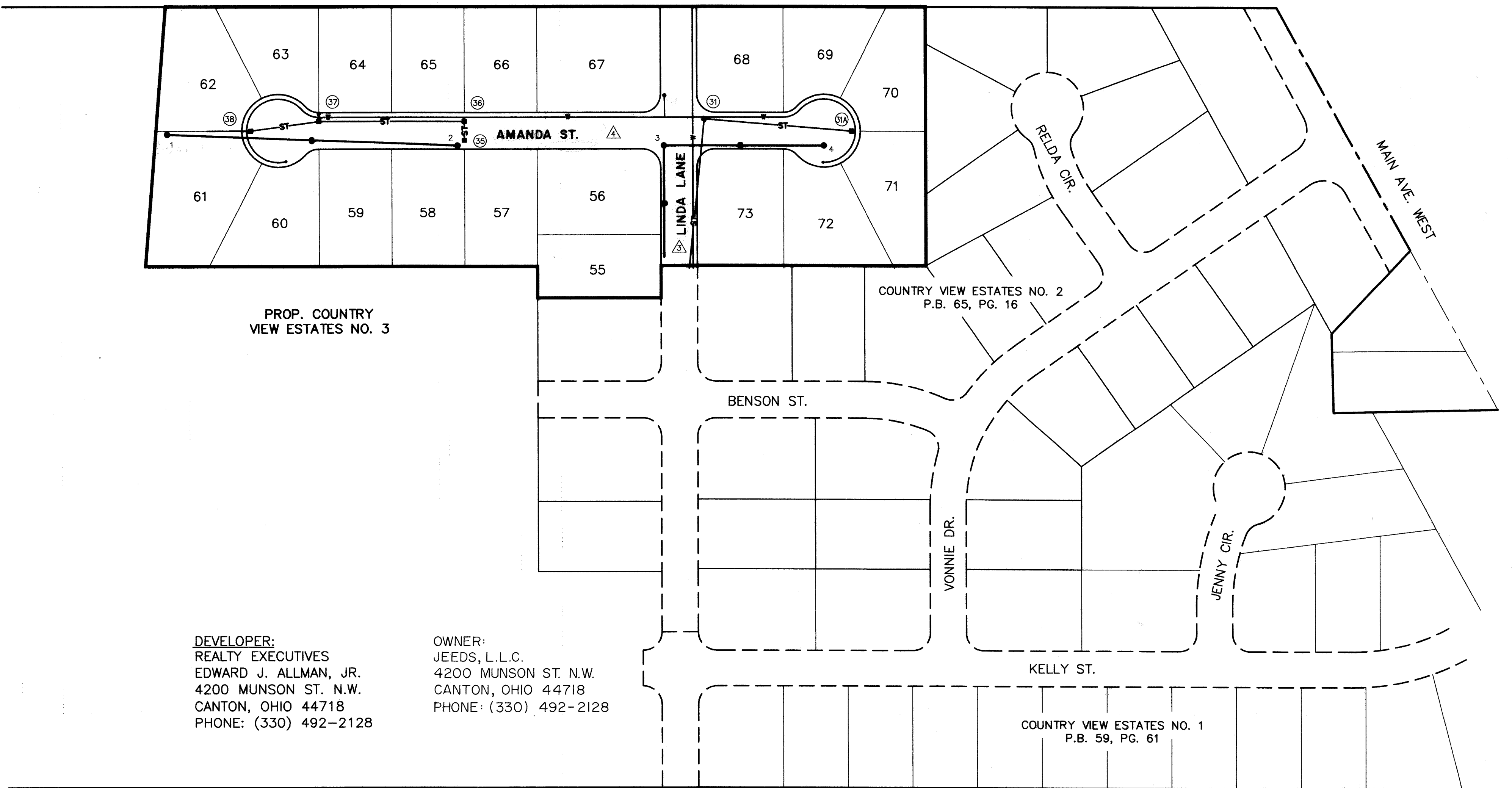
PREPARED BY:
HAMMONTREE & ASSOCIATES, LTD
ENGINEERS, PLANNERS & SURVEYORS
NORTH CANTON, OHIO



VICINITY MAP

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DEVELOPER:
REALTY EXECUTIVES
EDWARD J. ALLMAN, JR.
4200 MUNSON ST. N.W.
CANTON, OHIO 44718
PHONE: (330) 492-2128

OWNER:
JEEDS, L.L.C.
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CANTON, OHIO 44718
PHONE: (330) 492-2128

APPROVED Michael S. Amadio BY [Signature] DATE 10/22/99
STARK COUNTY SANITARY ENGINEER
FOR ACCEPTANCE OF EFFLUENT ONLY

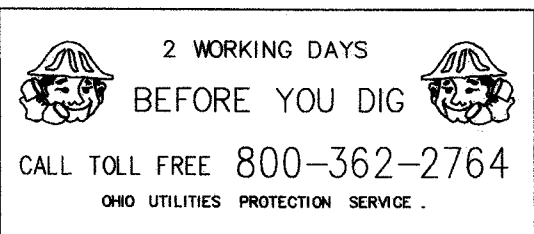
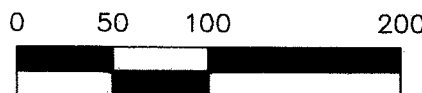
APPROVED James J. Banker DATE 12/13/99
MASSILLON CITY ENGINEER

APPROVED Donald L. Snyder DATE 12/13/99
CONSUMERS OHIO WATER COMPANY

LEGEND

- 1 DENOTES SANITARY SEWER MANHOLE NO.
- △ DENOTES SHEET NO.
- ③ DENOTES CATCH BASIN NO.

- S ————— SANITARY SEWER
- ST ————— STORM SEWER
- W ————— WATER



COUNTRY VIEW ESTATES NO. 3
COVER SHEET
OUTLOT 602, CITY OF MASSILLON
COUNTY OF STARK AND STATE OF OHIO
DEVELOPER: REALTY EXECUTIVES

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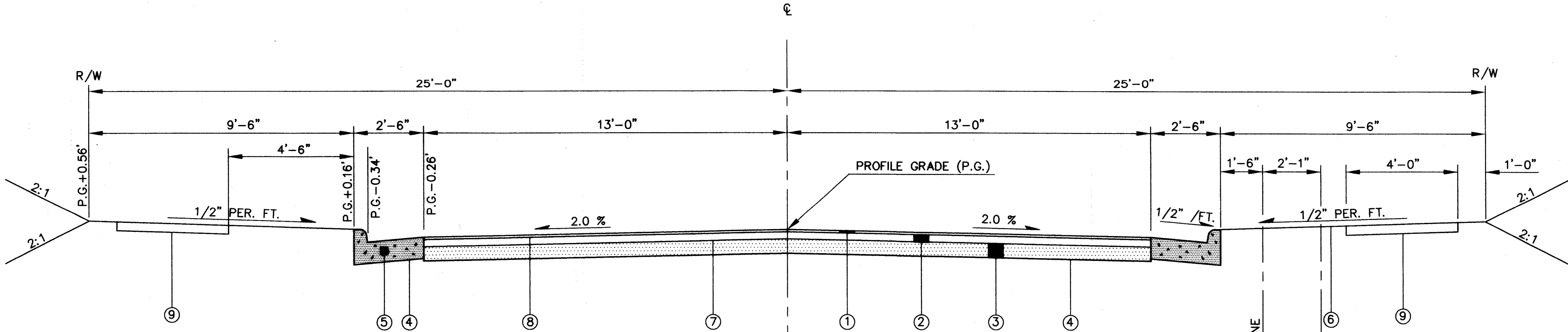
ESTIMATED QUANTITIES

ITEM*	QUAN.	UNIT	DESCRIPTION
EARTHWORK & ROADS			
201	LUMP	SUM	CLEARING AND GRUBBING
203	5700	CU. YD.	EXCAVATION INCLUDING EMBANKMENT CONST. (ROADS ONLY) ①
203	4994	SQ. YD.	SUBGRADE COMPACTION
301	477	CU. YD.	4" BITUMINOUS AGGREGATE BASE
304	723	CU. YD.	6" AGGREGATE BASE
404	181	CU. YD.	1-1/2" ASPHALT CONCRETE
407	AS REQ'D	GAL.	TACK COAT (0.4 GAL./SQ. YD.)
408	1735	GAL.	PRIME COAT (0.4 GAL./SQ. YD.)
604	3	EACH	STANDARD MONUMENT
604	3	EACH	MONUMENT BOX ASSEMBLY
608	X	SQ. YD.	CONCRETE WALK (BY HOMEOWNER)
608	4	EACH	CURB RAMP, TYPE 1
609	2361	LIN. FT.	MASSILLON STANDARD CONCRETE CURB AND GUTTER
651	2500	CU. YD.	TOPSOIL STOCKPILED
659	3800	SQ. YD.	SEEDING AND MULCHING
SANITARY			
603	775	LIN. FT.	8" P.V.C. GRAVITY SEWER PIPE, ASTM D-3034
603	13	EACH	6" ON 8" WYE W/6" 45° BEND, ASTM D-3034
603	1	EACH	6" ON 8" WYE W/6" (NO BEND), ASTM D-3034
603	787	LIN. FT.	6" P.V.C. GRAVITY SEWER PIPE, ASTM D-3034
604	4	EACH	SANITARY SEWER MANHOLE, MASSILLON STANDARD
DRAINAGE			
207	800	SQ. YD.	TEMPORARY SEEDING & MULCHING
207	700	LIN. FT.	FILTER FABRIC FENCE
207	6	EACH	INLET PROTECTION
207	1	EACH	CONSTRUCTION ENTRANCE
601	16.67	CU. YD.	ROCK CHANNEL PROTECTION, TYPE C W/FILTER
602	0.25	CU. YD.	CONCRETE MASONRY (HW-4 HEADWALL)
603	639	LIN. FT.	12" TYPE "B" CONDUIT (706.02)
603	106	LIN. FT.	15" TYPE "B" CONDUIT (706.02)
603	55	LIN. FT.	15" TYPE "C" CONDUIT (706.02) OR APPROVED EQUAL
603	629	LIN. FT.	6" TYPE "E" CONDUIT (STORM LATERAL)
604	6	EACH	STANDARD CATCH BASIN, MASSILLON STD. TYPE "A"
WATERLINE			
638	887	LIN. FT.	8" DUCTILE IRON WATERLINE, JOINTS & FITTINGS
638	117	LIN. FT.	4" DUCTILE IRON WATERLINE, JOINTS & FITTINGS
638	407	LIN. FT.	2" COPPER WATERLINE, JOINTS & FITTINGS
638	1	EACH	8" MJ TAPPED PLUG
638	2	EACH	8" GATE VALVE
638	1	EACH	4" GATE VALVE
638	1	EACH	8" X 4" REDUCER
638	1	EACH	4" X 2" REDUCER
638	1	EACH	2" CORP. STOP
638	1	EACH	8" X 8" MJ TEE
638	8	EACH	2" X 1" TEE
638	2	EACH	4" X 1" TEE
638	9	EACH	8" X 1" TEE
638	3	EACH	2" BLOW-OFF VALVE
638	345	LIN. FT.	1" SERVICE CONNECTION
638	19	EACH	1" CURB STOP
638	1	EACH	6" FIRE HYDRANT ASS'Y. COMPLETE, TYPE II
638	1	EACH	6" FIRE HYDRANT ASS'Y. COMPLETE, TYPE III

- * ITEM NUMBERS REFER TO STATE OF OHIO DEPARTMENT TRANSPORTATION, CONSTRUCTION & MATERIAL SPECIFICATIONS, JANUARY 1, 1997.
- ① EARTHWORK SUMMARY (ROADS ONLY)
EXCAVATION = 5700 CU. YD.
EMBANKMENT +15% = 700 CU. YD.
EXCESS = 5000 CU. YD. (USE TO FILL LOTS)
ASSUME 1' OF TOPSOIL REMOVED & STOCKPILED
- ② ADDITIONAL TEMPORARY EROSION CONTROL QUANTITIES MAY BE REQUIRED AT THE DIRECTION OF THE MASSILLON CITY ENGINEER AND/OR THE STARK COUNTY SOIL & WATER CONSERVATION DISTRICT.

50' R/W TYPICAL SECTION

SCALE: 3/8"=1'



- ① ITEM 404 1-1/2" ASPHALT CONCRETE
② ITEM 301 4" BITUMINOUS AGGREGATE BASE
③ ITEM 304 6" AGGREGATE BASE (2-3" LIFTS)
④ ITEM 203.13 COMPACTED SUBGRADE
⑤ ITEM 609 MASSILLON STANDARD CONCRETE CURB AND GUTTER
⑥ ITEM 659 SEEDING AND MULCHING
⑦ ITEM 408 PRIME COAT TO BE APPLIED AT THE RATE OF 0.4 GAL./SQ. YD.
⑧ ITEM 407 TACK COAT TO BE APPLIED AT THE RATE OF 0.4 GAL./SQ. YD. (AS REQUIRED)
⑨ ITEM 408 CONCRETE WALK (4" THICKNESS, INCREASE TO 6" @ DRIVEWAYS)
WALK CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE INDIVIDUAL HOMEOWNER.

GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES.

2. ALL SUBGRADE COMPACTION AND ALL 304 AGGREGATE BASE SHALL BE INSPECTED AND APPROVED AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO PLACEMENT OF ANY 304 AGGREGATE BASE OR 301 BITUMINOUS AGGREGATE BASE.
3. ALL TRENCHES BENEATH THE PROPOSED PAVEMENT OR EXISTING PAVEMENT SHALL BE COMPACTED IN LIFTS, IN A MANNER, AND WITH MATERIAL SPECIFIED BY THE MASSILLON ENGINEERING DEPARTMENT OR ANY APPLICABLE, O.D.O.T. SPECIFICATIONS.
4. THE COMPLETE RIGHT-OF-WAY IS TO BE GRADED AS SHOWN ON THE TYPICAL SECTION. DURING CONSTRUCTION OF THE ROAD, THE DEVELOPER SHALL BE RESPONSIBLE FOR MAINTAINING THE TYPICAL SECTION BETWEEN THE PAVEMENT AND THE RIGHT-OF-WAY LINE.

PRIOR TO THE COMMENCEMENT OF ANY PROJECT, A PRE-CONSTRUCTION MEETING WILL BE HELD AT THE CITY ENGINEER'S OFFICE. AT THIS TIME, THE PROJECT WILL BE DISCUSSED IN REGARD TO PROCEDURE, MATERIALS, INSPECTION, ETC...

6. THE DEVELOPER/CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO PREVENT SOIL EROSION AND DOWNWASH OF GRITS AND SEDIMENTS AS REQUIRED BY THE CITY OF MASSILLON ENGINEER.
7. INSPECTIONS - SEE CITY OF MASSILLON SUBDIVISION REGULATIONS, SEC. 1111.03
8. CONSTRUCTION RESPONSIBILITIES - SEE CITY OF MASSILLON REGULATIONS, SEC. 1111.04

WATER LINE NOTES

1. MINIMUM COVER OVER 8" WATER LINE = 4'.
2. MAINTAIN MINIMUM 4' HORIZONTAL SEPARATION BETWEEN WATER AND STORM SEWER LINES.
3. MAINTAIN MINIMUM 10' HORIZONTAL SEPARATION BETWEEN WATER AND SANITARY SEWER LINES.
4. WATER MAIN MATERIALS SHALL CONFORM TO AWWA C151 FOR DUCTILE IRON PIPE AND AWWA C900 FOR PVC PIPE.
5. WATER MAIN PRESSURE TESTING SHALL CONFORM TO AWWA C600.
6. WATER MAIN DISINFECTION SHALL CONFORM TO AWWA C651.
7. THE PROPOSED FACILITIES WILL MAINTAIN A MINIMUM 35 PSI PRESSURE DELIVERED TO THE CURB STOP DURING NORMAL OPERATING CONDITIONS.
8. BOOSTER PUMPS ARE NOT PERMITTED ON SERVICE CONNECTIONS. THE WATER SYSTEM MAY GRANT SPECIAL PERMISSION FOR BUILDINGS SIX STORIES OR HIGHER.
9. CONTRACTOR TO USE CONSUMERS OHIO WATER COMPANY DETAILS AND SPECIFICATIONS.

STORM SEWER NOTES

1. ALL STORM SEWER WITHIN THE ROAD RIGHT-OF-WAY MUST BE REINFORCED CONCRETE PIPE (706.02). CORRUGATED POLYETHYLENE SMOOTH LINED PIPE (707.33) MAY BE SUBSTITUTED FOR THE REINFORCED CONCRETE PIPE WHERE STORM SEWER IS LOCATED OUTSIDE OF THE RIGHT-OF-WAY.
2. STORM SEWER BENEATH CURB AND GUTTER AND PAVEMENT SHALL BE TYPE "B" CONDUIT.
3. STORM SEWER OUTSIDE OF CURB AND GUTTER AND PAVEMENT SHALL BE TYPE "C" CONDUIT.
4. CURB INLET CATCH BASINS ARE TO BE CITY OF MASSILLON, TYPE "A". REFER TO CITY OF MASSILLON STANDARD DRAWINGS FOR MANHOLE & CATCH BASIN DETAILS (SEE SHEETS 12, 13 & 14).
5. A 6" STORM LATERAL SHALL BE INSTALLED TO SERVE EACH LOT HAVING STORM SEWER AVAILABLE WITHIN THE ROAD RIGHT-OF-WAY OR ON A SIDE LOT LINE. LATERALS SHALL BE CORE DRILLED INTO THE SIDE OF THE MAIN STORM PIPE OR STORM MANHOLE AND EXTEND TO THE RIGHT-OF-WAY OR AS NOTED ON PLANS FOR SEWERS ON LOT LINES. PLUG THE END OF THE LATERAL AND PROVIDE A LOCATION MARKER.

SANITARY SEWER NOTES

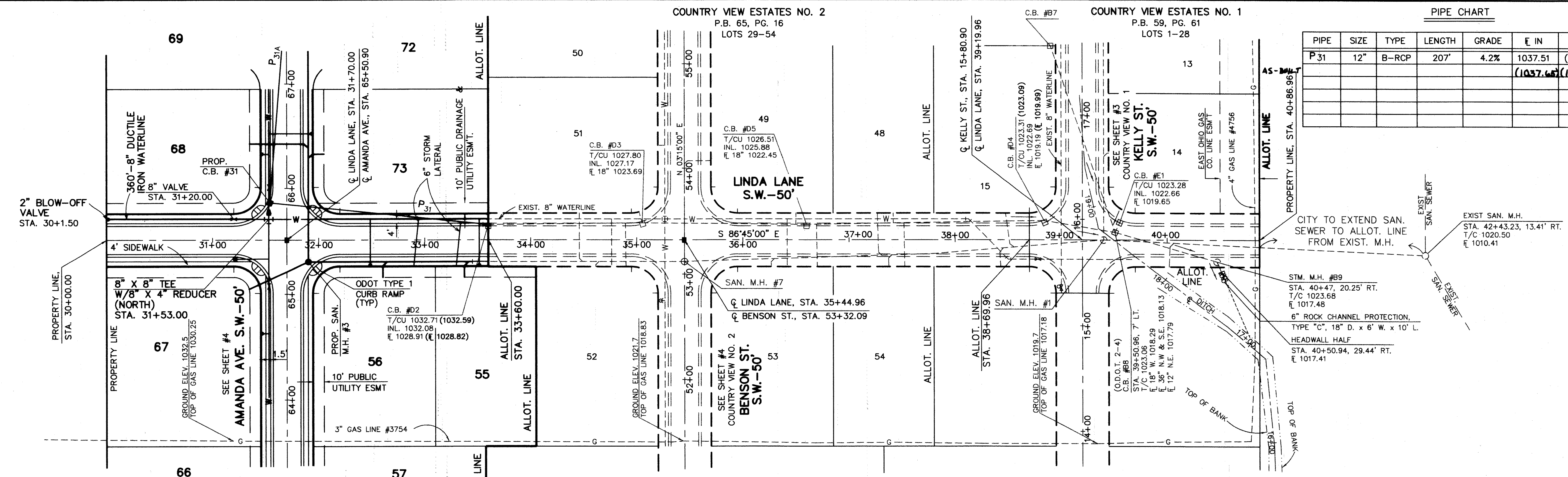
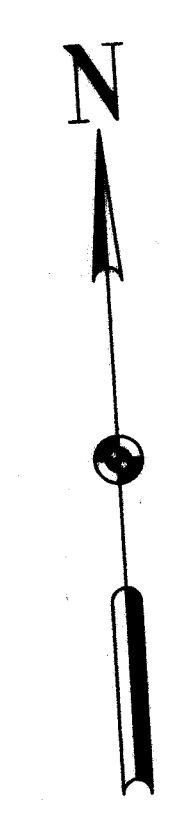
1. ALL SANITARY SEWERS & APPURTENANCES SHALL BE CONSTRUCTED ACCORDING TO CITY OF MASSILLON ENGINEERING DEPARTMENT SPECIFICATIONS IN EFFECT AT TIME OF CONSTRUCTION.
2. ALL SANITARY SEWER LATERALS TO BE 6" DIAMETER.
3. ROOF DRAINS, FOUNDATION DRAINS & OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.
4. MINIMUM COVER OVER SANITARY SEWER SHALL BE 3 FT.
5. SANITARY LATERALS SHALL EXTEND TO THE RIGHT-OF-WAY LINE OR BEYOND THE FURTHEST UTILITY - WHICHEVER IS GREATER. THE END OF THE SERVICE LATERAL SHALL BE PLUGGED AND A LOCATION MARKER PROVIDED.
6. NO CHANGES TO SANITARY SERVICE LOCATIONS SHALL BE MADE WITHOUT THE APPROVAL OF THE CITY ENGINEER.
7. PVC GRAVITY SEWER PIPE SHALL CONFORM TO ASTM D-3034 AS AN ALTERNATE TO PVC GRAVITY SEWER, SHOWN IN QUANTITIES VITRIFIED CLAY PIPE SEWER, EXTRA STRENGTH, ASTM C-700 MAY BE USED.
8. MINIMUM VERTICAL CLEARANCE BETWEEN SANITARY SEWER & WATERLINE IS 18 INCHES. MINIMUM VERTICAL CLEARANCE BETWEEN SANITARY SEWER & STORM SEWER IS 12 INCHES.
9. JOINT SPECIFICATIONS SHALL MEET ASTM-3212
10. MANHOLE SPECIFICATIONS SHALL MEET ASTM C-478 AND C-443
11. BEDDING SPECIFICATIONS SHALL MEET ASTM D-2321, CLASS II
12. LEAKAGE TEST LIMITS: 100 GAL./INCH OF DIA./MILE/DAY MAXIMUM.
13. ALL MANHOLES SHALL BE AIR/VACUUM TESTED IN ACCORDANCE WITH ASTM C-1244.
14. PIPE DEFLECTION TESTS SHALL BE PERFORMED ACCORDING TO GLUMRB SECTION 33.85 AND THE ASTM SPECIFICATION FOR THE PIPE BEING TESTED. THE ALLOWABLE DEFLECTION RATE SHALL NOT EXCEED 5%.

O.D.O.T. STANDARD DRAWING LIST

DRAWING NO.	DATE	
BP-7.1	10-30-92	CURB RAMPS
HW-4	4-1-80	HEADWALL
MC-1	6-13-69	ROADWAY ITEMS

COUNTRY VIEW ESTATES NO. 3
TYPICAL SECTION, ESTIMATED QUANTITIES & NOTES
OUTLOT 602, CITY OF MASSILLON
COUNTY OF STARK AND STATE OF OHIO
DEVELOPER: REALTY EXECUTIVES

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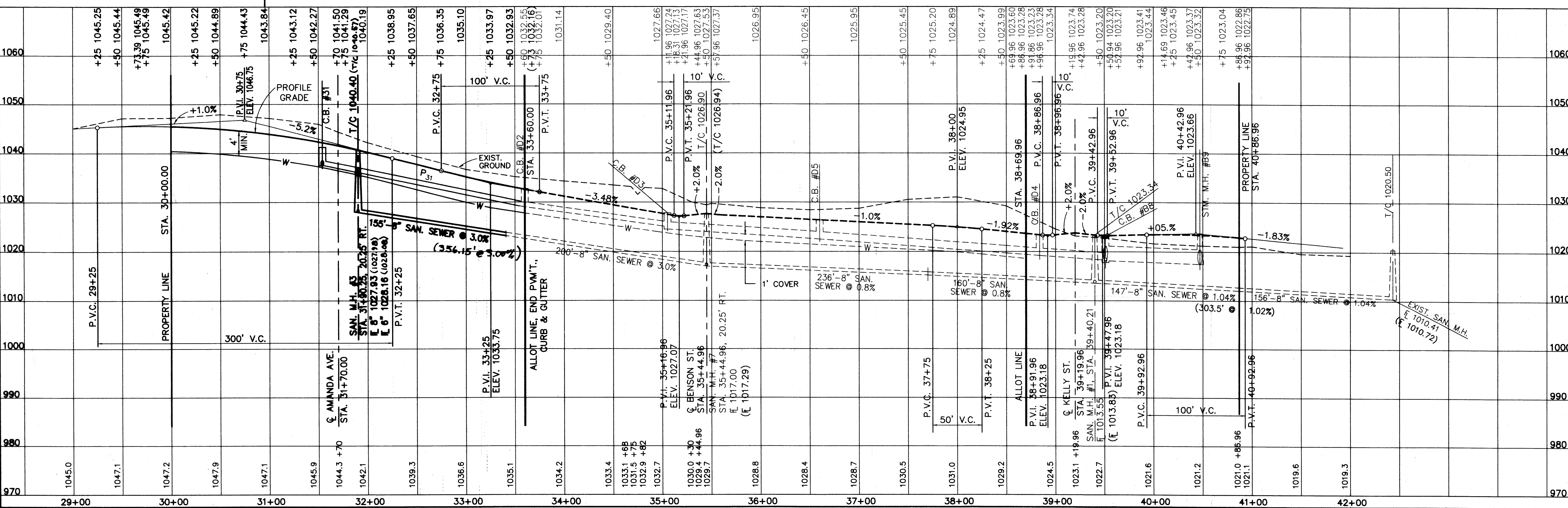


PIPE CHART						
PIPE	SIZE	TYPE	LENGTH	GRADE	IN	OUT
P 31	12"	B-RCP	207'	4.2%	1037.51	(1028.82)
					(1037.45)	(1028.82)

BENCHMARK:
NORTH FLANGE BOLT ON FIRE HYDRANT AT S.W. OF KELLY ST. & EILEEN AVE.
ELEV. = 1024.92

NOTE:
ROOF DRAINS, FOUNDATION DRAINS & OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.

() **DENOTES AS-BUILT'S MEASUREMENTS**
T/C DENOTES TOP OF COVER
T/CU DENOTES TOP OF CURB



DESIGNED BY: BHB CHECKED BY: MJD REVISION BY: DATE: DESCRIPTION: _____

DRAWN BY: DTM REVIEWED BY: BHB REVISION BY: DATE: DESCRIPTION: _____

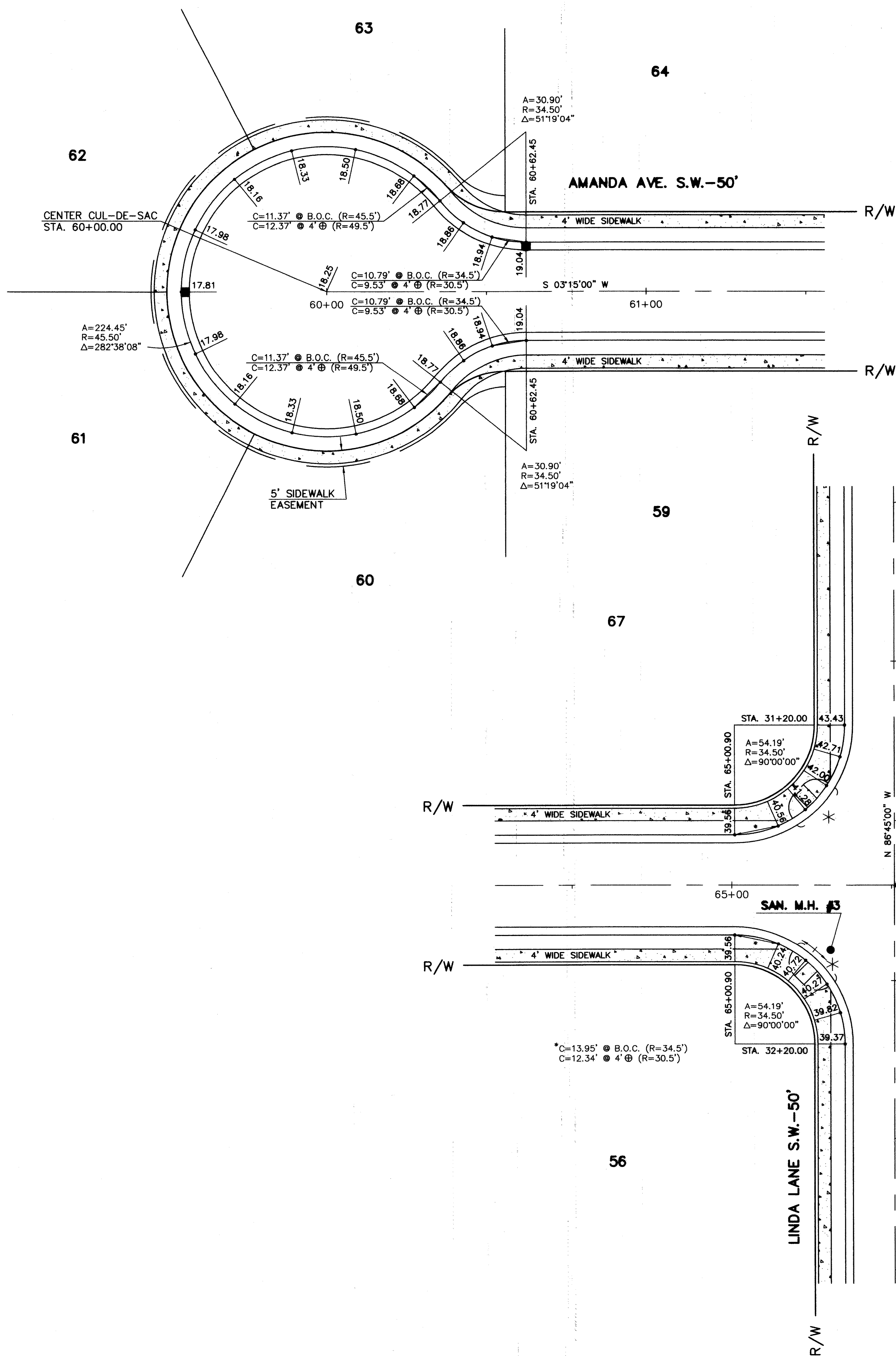
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ALC/ENGINEERING/DEPT

COUNTRY VIEW ESTATES NO. 3
PLAN & PROFILE
OUTLOT 602, CITY OF MASSILLON, COUNTY OF STARK AND STATE OF OHIO.
DEVELOPER: REALTY EXECUTIVES
LINDA LANE, STA. 30+00.00 TO 33+60.00

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NOTES:

- B.O.C. DENOTES BACK OF CURB.
- 4' ⊕ DENOTES 4' OFFSET FOR CURB STAKES.
- CHORD DISTANCES ON FILLETS
ARE 10' ⊕ B.O.C. (R=34.5') & 8.84' ⊕
4' ⊕ B.O.C. (R=30.5') UNLESS NOTED.
- CHORD DISTANCES ON CUL-DE-SAC
ARE 20' ⊕ B.O.C. (R=45.5') & 21.76' ⊕
4' ⊕ B.O.C. (R=49.5') UNLESS NOTED.
- * SPOT ELEVATIONS ARE TO TOP OF 6" CURB.
REFER TO ODOT DRAWING BP-7.1 FOR CURB
RAMP CONSTRUCTION DETAILS.



COUNTRY VIEW ESTATES NO. 3
INTERSECTION DETAILS
LINDA LANE AND AMANDA AVE.
AMANDA AVE. (CUL-DE-SAC NORTH)
AMANDA AVE. (CUL-DE-SAC SOUTH)

DESIGNED BY: MLD CHECKED BY: BHB
DRAWN BY: LJP REVIEWED BY: BHB
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BY: COWI/MLD

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SCALE: 1"=20'

5
15