<u>LEGEND</u>

GAS LINE

GAS METER

GAS VALVE

GAS TANK

GAS WELL

MANHOLE

CLEAN OUT

GAS LINE MARKER

SANITARY SEWER LINE

SANITARY M.H. / C.O.

STORM SEWER LINE

STORM CATCH BASIN

STORM CURB INLET

STORM MANHOLE STORM DOWNSPOUT STORM HEADWALL

CATCH BASIN

TOP OF GRATE

TOP OF COVER

TOP OF CURB

YARD DRAIN

DOWNSPOUT

TELEPHONE BOX

TV LINE MARKER

TV/CABLE BOX

WATER LINE

TELEPHONE MANHOLE

UNDERGROUND TV LINE

OVERHEAD TV LINE

TV/CABLE MANHOLE

WATER LINE MARKER

WATER MANHOLE

WATER SPRINKLER

MONITORING WELL

UTILITY CONTACTS

ELECTRIC

1910 W. MARKET ST, BLDG 1

TELEPHONE

50 W. BOWERY ST, 6TH FLOOR

<u>CABLE</u>

ATTN: WAYNE PROUDFOOT

OHIO EDISON

AT&T OHIO

AKRON, OH 44308

PH: 330-384-3052

MASSILLON CABLE TV

MASSILLON, OH 44647

PH: 330-833-5509

814 CABLE COURT

AKRON, OH 44313

PH: 800-633-4766

WATER METER

WATER VALVE

FIRE HYDRANT

SANITARY

MUNICIPAL GOVERNMENT ANNEX

WATER

CITY OF MASSILLON

151 LINCOLN WAY EAST

MASSILLON, OH 44646

PH: 330-830-1722

AQUA OHIO

870 THIRD ST NW

MASSILLON, OH 44647

ATTN: JACOB FLANARY

DOMINION EAST OHIO

ATTN: BRYAN DAYTON

PH: 330-664-2409

AKRON, OH 44333

PH: 330-832-5764 X50650

<u>GAS</u>

320 SPRINGSIDE DR, SUITE 320

OVERHEAD TELEPHONE LINE

TELEPHONE LINE MARKER

UNDERGROUND TELEPHONE LINE

FLOWLINE

CURB INLET

SANITARY SEWER LINE MARKER

STORM SEWER LINE MARKER

- - G - - |

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-SAN-

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M.H.

C.O.

- st -

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C.B. C.I.

T/G

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Y.D.

D.S.

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0	EX. MONUMENT BOX			
	PROP. MONUMENT BOX			
0	EX. MONUMENT (AS NOTED)			
•	5/8" BAR W/ H&A CAP (SET)			
•	BENCHMARK (AS NOTED)			
BE	BOUNDARY LINE			
Q.	CENTER LINE			
ų.	LOT LINE			
P	PROPERTY LINE			
R/W	RIGHT OF WAY			
()	RECORD BEARINGS & DIST.			
E.O.P.	EDGE OF PAVEMENT			
F.F.	FINISH FLOOR			
	EX. CONTOUR LINE			
	PROP. CONTOUR LINE			
-980-	CONTOUR LABEL			
6	BOLLARD			
	FENCE (AS NOTED)			
	GUARDRAIL			
<u> </u>	MAILBOX			
***************************************	RAIL ROAD			
_	SIGN			
<u></u>	H.C. PARKING SPACE			
83	DECIDIOUS TREE (AS NOTED)			
	EVERGREEN TREE (AS NOTED)			
7				
EVERGREEN TREE (AS NOTE BUSH (AS NOTED) SOIL BORING				
→ SOIL BOKING → POLE ANCHOR				
d GUY POLE				
ϕ GENERAL POLE σ FLAG POLE				
- y	LIGHT POLE			
<u> </u>	LIGHT & POWER POLE			
$\frac{\mathcal{V}}{\mathcal{F}}$				
LIGHT, POWER, TELE POLE				
LIGHT, POWER, TELE, TV POLE				
FLAG POLE LIGHT POLE LIGHT & POWER POLE LIGHT, POWER, TELE POLE LIGHT, POWER, TELE, TV PO POWER POLE TELEPHONE POLE TELEPHONE, LIGHT POLE TELEPHONE, POWER POLE				
φ TELEPHONE POLE				
P	PULL BOX			
<u> </u>	TRAFFIC CONTROL BOX			
<u>-0</u>	POLE W/ PED. SIGNAL			
O— POLE W/ TRAFFIC SIGNAL				
OE - OVERHEAD ELECTRIC LINE				
UE	UNDERGROUND ELECTRIC LINE			
	© ELECTRIC LINE MARKER			
_	E ELECTRIC BOX			
© ELECTRIC MANHOLE				
ELECTRIC METER				
F0	FIBER OPTIC LINE			
(7)	FIBER OPTIC LINE MARKER			

BENCHMARK 'A'

CUT NAIL SET 1' UP WEST SIDE of 30" MAPLE, 16' WEST OF EAST PROPERTY LINE, 105' SOUTH OF N.W. CORNER OF LOT

ELEV. 1080.47

BENCHMARK 'B'

CHISELED 'X' ON N.W. FLANGE BOLT OF FIRE HYDRANT, SOUTH SIDE OF HILLS & DALES ROAD, 37' WEST OF STORM

ELEV. 1066.00

ODOT STANDARD DRAWING LIST

SCD NUMBER	ITEM	DATE
CB-1.1	CATCH BASIN 2-2B	1/18/13
CB-1.2	CATCH BASIN 2-3	1/18/13
CB-1.2	CATCH BASIN 2-4	1/18/13
HW-2.1	HALF HEIGHT HEADWALL	1/18/13
MH-1.2	MANHOLE NO. 3	1/18/13
BP-3.1	ASPHALT PAVING	7/18/14

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VILLA SOLE DEVELOPMENT

LOCATED IN THE CITY OF MASSILLON, STARK COUNTY, OHIO

SEPTEMBER 2019

ENGINEER / SURVEYOR

HAMMONTREE & ASSOCIATES, LIMITED 5233 STONEHAM ROAD NORTH CANTON, OHIO 44720

JOSHUA J. RENICKER, P.E., M.S.-ENMGT

ITEM QUAN. UNIT

330-499-8817 PHONEjrenicker@hammontree-engineers.com

OWNER/DEVELOPER

VILLA SOLE, LLC 7294 BRETZ AVE NW MASSILLON, OHIO 44646

BERNY FERRANTE

330-268-8707 PHONE-

berny_b4@yahoo.com

VICINITY MAP N.T.S.



SITE ADDRESS: INTERSECTION OF HILLS & DALES ROAD NE AND SHERMAN CIRCLE NE, MASSILLON, OH 44646

DESCRIPTION

ESTIMATED PUBLIC ROADWAY & UTILITY QUANTITIES

ITEM QUAN. UNIT

	407	. 0	DEGGEN HOIT		407	01111	DEGGEN HOIT	
		[EARTHWORK & ROADS (WILDRIDGE R/W)		SANITARY			
203	868	CU. YD.	EXCAVATION INCLUDING EMBANKMENT CONSTR.	611	1,086	LIN. FT.	8" P.V.C. GRAVITY SEWER PIPE, ASTM D-3034	
204	594	SQ. YD.	SUBGRADE COMPACTION	611	14	EACH	6" ON 8" WYE W/6" 45° BEND, ASTM D-3034	
204	8	HOUR	PROOF ROLLING	611	430	LIN. FT.	6" P.V.C. GRAVITY SEWER PIPE, ASTM D-3034	
207	2	EACH	ROCK CONSTRUCTION ENTRANCE	611	8	EACH	MANHOLE COMPLETE	
301	66	CU. YD.	4 1/2" ASPHALT CONCRETE BASE					
304	99	CU. YD.	6" AGGREGATE BASE				WATER	
407	42	GAL.	TACK COAT (0.08 GAL./SQ. YD.)	638	1,014	LIN. FT.	8" DUCTILE IRON PIPE, PRESSURE CLASS 350 W/POLYWRAP	
408	209	GAL.	PRIME COAT (0.40 GAL./SQ. YD.)	638	787	LIN. FT.	1" COPPER (TYPE K) WATER SERVICE LINE	
448	22	CU. YD.	1 1/2" ASPHALT CONCRETE, SURFACE COURSE, TYPE 1	638	288	LIN. FT.	2" HDPE SDR9 W/ TRACER WIRE & MARKER TAPE	
605	270	LIN. FT.	4" UNDERDRAINS	638	1	EACH	8" PLUG W/ 2" TAP	
609	266	LIN. FT.	TYPE 2 CONCRETE CURB AND GUTTER	638	2	EACH	CONNECT TO EXISTING WATER MAIN	
623	1	EACH	MONUMENT ASSEMBLY	638	1	EACH	2" CORP STOP W/ TAPPING SADDLE	
651	164	CU. YD.	STOCKPILED TOPSOIL	638	1	EACH	2" CURB STOP	
652	164	CU. YD.	PLACING STOCKPILED TOPSOIL	638	1	EACH	8" X 6" REDUCER	
659	390	SQ. YD.	SEEDING AND MULCHING	638	5	EACH	8" GATE VALVE WITH BOX	
				638	3	EACH	8"-22.5° BEND	
				638	11	EACH	8"-45° BEND	
				638	24	EACH	WATER SERVICE CONNECTION COMPLETE	
			DRAINAGE	638	4	EACH	HYDRANT ASSEMBLY, TYPE II	
207	694	SQ. YD.	TEMPORARY SEEDING AND MULCHING					
207	9	EACH	TEMPORARY CURB INLET PROTECTION					
811	51	LIN. FT.	8" TYPE "B" CONDUIT (707.45) OR APPROVED EQUAL					
811	582	LIN. FT.	12" TYPE "B" CONDUIT (706.02) (707.33)					
811	328	LIN. FT.	15" TYPE "B" CONDUIT (706.02) (707.33)					
811	233	LIN. FT.	18" TYPE "B" CONDUIT (706.02) (707.33)					
811	274	LIN. FT.	24" TYPE "B" CONDUIT (706.02) (707.33)					
811	264	LIN. FT.	30" TYPE "B" CONDUIT (706.02) (707.33)					
811	4	EACH	2-2B CATCH BASIN					
811	4	EACH	2-3 CATCH BASIN					
811	2	EACH	3A CATCH BASIN					
811	8	EACH	YARD DRAIN					

INDEX OF SHEETS

<u>11.45</u>			
COVER	C1.1	SANITARY PROFILES	C8.8
EXISTING SITE - DEMOLITION PLAN	C2.1	SANITARY PROFILES	C8.9
SITE DIMENSION PLAN	C3.1	STORMWATER POLLUTION PREVENTION NOTES	C9.1
PUD OPEN SPACE MAP	C3.2	STORMWATER POLLUTION PREVENTION PLAN	C9.2
SITE UTILITY PLAN	C4.1	STORMWATER POLLUTION PREVENTION DETAILS	C9.3
SITE GRADING PLAN	C5.1	STORMWATER POLLUTION PREVENTION DETAILS	C9.4
SITE DETENTION PLAN	C6.1	STORMWATER POLLUTION PREVENTION DETAILS	C9.5
SITE NOTES & DETAILS	C7.1	STORMWATER POLLUTION PREVENTION DETAILS	C9.6
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TYPICAL SECTIONS - WILDRIDGE DRIVE	C8.1		
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CROSS SECTIONS - VIA LUNA CIRCLE	C8.7		

<u>APPROVALS</u>

DESCRIPTION

OWNER	DATE
APPROVED BY THE STARK CO. SOIL & WA	TER CONSERVATION DISTRICT BY A LETTER DATED <u>AUGUST 16, 2019</u> .
OEPA NPDES # 3GC10882*AG	
APPROVED BY OHIO EPA FOR SANITARY MA	AIN EXTENSION BY A LETTER DATED, 20
APPROVED BY AQUA OHIO FOR WATERLINE	EXTENSION BY A LETTER DATED, 20

ONLY APPROVED SIGNED PLANS BY THE CITY ENGINEER ARE TO BE USED FOR CONSTRUCTION.

APPROVE	ED B	Y THE	MASSILLON	CITY	ENGINEER	THIS
DAY OF				20		

SCALES HORZ: VERT: CONTOUR INT:

CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES, INCLUDING EARTHWORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNER AND ENGINEER DURING THE BIDDING PROCESS OF ANY QUANTITY DISCREPANCIES IN THE BID DOCUMENTS. ONCE THE CONSTRUCTION CONTRACT IS ISSUED, THE CONTRACTOR ACKNOWLEDGES THE CONTRACT PRICE COVERS ALL LABOR AND MATERIALS TO SUBSTANTIALLY COMPLETE THE PROJECT ACCORDING TO THE CONSTRUCTION DOCUMENTS.

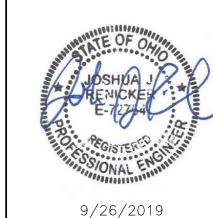
UNDERGROUND UTILITIES Contact Two Working Days

CITY ENGINEER



OHIO811, 8-1-1, or 1-800-362-2764(Non-members must be called directly)

* THE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION



C1.1