

**CITY OF  
GROVE CITY, OHIO**



**STANDARD  
CONSTRUCTION  
DRAWINGS**

Last Revised: February 2019

## CONTENTS

<u>DESCRIPTION</u>	<u>NO. OF SHEETS</u>	<u>DRAWING NO.</u>	<u>DATE</u>
Type A Manhole	1	C-GC-1	February 2019
<b>VOID</b> Type B Manhole		C-GC-2	
Precast Concrete Manhole	2	C-GC-3	February 2019
Standard Catch Basin	2	C-GC-4	February 2019
Radius Gutter Inlet	1	C-GC-5	February 2019
Curb Inlet	1	C-GC-6	February 2019
<b>VOID</b> 42" Opening Curb Inlet		C-GC-7	
<b>VOID</b> 60" Opening Curb Inlet		C-GC-8	
Curb & Gutter Inlet	1	C-GC-9	February 2019
Inverted Crown Inlet	2	C-GC-10	February 2019
36" Manhole Frame & Cover Castings for Storm Sewers	1	C-GC-11	October 2015
24" Manhole Frame & Cover Castings for Storm Sewers	1	C-GC-12	October 2015
Cast Iron Frame & Grate for Curb & Gutter Inlet	1	C-GC-13	October 2015
Casting for Radius Curb Inlet	1	C-GC-14	October 2015
Frame & Grates for Inverted Crown Inlet	1	C-GC-15	October 2015
Cast Iron Frame for Radius Gutter Inlet	1	C-GC-16	October 2015
36" Casting for Grating Manhole Lid	1	C-GC-17	October 2015
24" Casting for Grating Manhole Lid	1	C-GC-18	October 2015
Frame and Grate for Ditch and Surface Inlet	1	C-GC-19	October 2015

## CONTENTS

<u>DESCRIPTION</u>	<u>NO. OF SHEETS</u>	<u>DRAWING NO.</u>	<u>DATE</u>
Manhole Steps	1	C-GC-20	October 2015
<b>VOID</b> Typical Trench for Culvert and Storm Sewer		C-GC-21	
Typical Riser and Cleanout	1	C-GC-22	October 2015
Pipe Endwall	2	C-GC-23	February 2019
Pipe Headwall	2	C-GC-24	February 2019
Inside Drop & Outside Drop for Manholes	1	C-GC-25	February 2019
Typical Trench Sections with Type I Bedding	3	C-GC-26	February 2019
Typical Trench Sections with Type II Bedding	1	C-GC-27	February 2019
<b>VOID</b> Residential Roof and Basement Junction Box		C-GC-28	
<b>VOID</b> Typical Detail Drain Connections		C-GC-29	
Service Connection for Existing Sanitary Sewer Pipe	1	C-GC-30	October 2015
Standard Fire Hydrant Detail	3	C-GC-31	February 2016
Fire Hydrant Location Detail	2	C-GC-32	February 2019
<b>VOID</b> 12" Pipe Inlet		C-GC-33	
Modified Height 24" Manhole Frame	1	C-GC-34	October 2015
<b>VOID</b> Street Lighting Pole Detail		C-GC-35	
<b>VOID</b> Luminaire Assembly		C-GC-36	
Typical Sanitary Service Connections, and Riser	2	C-GC-37	February 2019
<b>VOID</b> Typical Cleanout Detail		C-GC-38	
<b>VOID</b> Double Service Connection Detail		C-GC-39	
Typical Street Name Sign		C-GC-40	April 2016

## CONTENTS

<u>DESCRIPTION</u>	<u>NO. OF SHEETS</u>	<u>DRAWING NO.</u>	<u>DATE</u>
<b>VOID</b> Driveway and Access Road Approaches		C-GC-41	
Residential Driveway Approach	1	C-GC-41A	February 2019
Standard Alley/Access Road Approach	1	C-GC-41B	February 2019
Commercial Driveway Approach	1	C-GC-42A	February 2019
Industrial Driveway Approach	1	C-GC-42B	February 2019
<b>VOID</b> Wheel Chair Ramp		C-GC-43	
Typical Wheelchair Ramp Residential New Construction	2	C-GC-43A	February 2019
Typical Arterial Street Wheelchair Ramp	2	C-GC-43B	February 2019
Typical Wheelchair Ramp for Retrofit In Existing Residential Area	2	C-GC-43C	February 2019
ADA Curb Ramp Detectable Warning Surface	2	C-GC-43DW	February 2016
24" Manhole Frame & Cover Castings for Sanitary Sewers	1	C-GC-44	October 2015
<b>VOID</b> Mountable Curb Detail		C-GC-45	
Typical Sidewalk Detail	1	C-GC-46A	February 2019
Standard Drive with Sidewalk Adjacent to Curb on Public R/W	1	C-GC-46B	February 2019
<b>VOID</b> Commercial Drive w/Sidewalk Adjacent to Curb on Public R/W		C-GC-46C	
<b>VOID</b> Driveway & Access Road Approach w/Curb Adjacent to Sidewalk		C-GC-47	
<b>VOID</b> Typical Concrete Traffic Island		C-GC-48	
<b>VOID</b> Street Lighting Trench Detail		C-GC-49	
<b>VOID</b> Standard Pavement and Street Details		C-GC-50	

## CONTENTS

<u>DESCRIPTION</u>	<u>NO. OF SHEETS</u>	<u>DRAWING NO.</u>	<u>DATE</u>
<b>VOID</b> Street Lighting Specifications		C-GC-51	
<b>VOID</b> Street Lighting Controller Detail		C-GC-52	
<b>VOID</b> Formerly Street Lighting Pole Base Detail		C-GC-53	
<b>VOID</b> Street Lighting Wiring Diagram		C-GC-54	
<b>VOID</b> Special 8" Widening Section with Integral Curb		C-GC-55	
<b>VOID</b> Concrete Median, Item 612		C-GC-56	
<b>VOID</b> Concrete Combined Curb & Gutter		C-GC-57	
Item 609: Standard Concrete Combined Curb & Gutter (Continuous)	1	C-GC-57A	February 2019
Item 609: Standard Concrete Combined Curb & Gutter (Removal & Replacement)	1	C-GC-57B	February 2019
Item 609: 30" Concrete Combined Curb & Gutter (Boulevard)	1	C-GC-57C	February 2019
Straight 18" Concrete Curb	1	C-GC-58	February 2019
Expansion Joint Detail at Curve Points	1	C-GC-59	February 2019
Residential/Local Street 26' Section with Concrete Combined Curb & Gutter	1	C-GC-60	February 2019
Residential/Local Street 32' Section with Concrete Combined Curb & Gutter	1	C-GC-61	February 2019
Collector Street 36' Section With Concrete Combined Curb & Gutter	1	C-GC-62	February 2019
Minor Arterial Street 44' Section with Concrete Combined Curb & Gutter	1	C-GC-63	February 2019

## CONTENTS

<u>DESCRIPTION</u>	<u>NO. OF SHEETS</u>	<u>DRAWING NO.</u>	<u>DATE</u>
Principal Arterial Street 68' Section With Concrete Combined Curb & Gutter	1	C-GC-64	February 2019
Residential/Local Street 28' Section with Concrete Combined Curb & Gutter	1	C-GC-65	February 2019
Pavement Replacement for Arterial Streets	2	C-GC-66	February 2019
Pavement Replacement for Residential Streets	2	C-GC-67	February 2019
Pavement Replacement for Driveways	2	C-GC-68	February 2019
Pavement Replacement (Temporary)	1	C-GC-69	February 2019
<b>VOID</b> Block & Gravel Curb Inlet Sediment Filter Detail		C-GC-70	
Filter Fabric Inlet Protection	1	C-GC-70A	February 2016
<b>VOID</b> Block & Gravel Drop Inlet Sediment Filter Detail		C-GC-71	
The Dandy Bag or Equivalent	1	C-GC-71A	October 2015
<b>VOID</b> Gravel Curb Inlet Sediment Filter Detail		C-GC-72	
The Beaver Dam or Equivalent	1	C-GC-72A	October 2015
<b>VOID</b> Straw Bale Barrier Detail		C-GC-73	
Aggregate Check Dam	1	C-GC-73A	February 2019
Linear Sediment Barriers Detail	3	C-GC-74	October 2015
<b>VOID</b> Straw Bale Drop Inlet Sediment Filter Detail		C-GC-75	
Stabilized Construction Entrance	1	C-CG-75A	October 2015
Culvert Stream Crossing	1	C-CG-75B	February 2019
<b>VOID</b> Sediment Dam & Sediment Basin Details		C-GC-76	

## CONTENTS

<u>DESCRIPTION</u>	<u>NO. OF SHEETS</u>	<u>DRAWING NO.</u>	<u>DATE</u>
Temporary Riser Pipe	1	C-GC-76A	February 2019
Sediment Trap	1	C-GC-76B	February 2016
Diversion Channel	1	C-GC-76C	October 2015
Sediment & Erosion Control General Notes	2	C-GC-77	February 2019
Residential Underdrain Junction Box	1	C-GC-78A	February 2019
Residential Underdrain Junction Box (walk adjacent to curb)	1	C-GC-78B	February 2016
<b>VOID</b> Residential/Local Cul-De-Sac 28' Section with Concrete Combined Curb & Gutter		C-GC-79	
Shared-Use Path Pavement Detail	1	C-GC-80	February 2019
Bollard Installation	1	C-GC-81	February 2019
Remove Bollard Detail	2	C-GC-82	February 2019
Standard Shared-Use Path Ramp	1	C-GC-83	February 2019
Cul-de-sac Details	2	C-GC-84	February 2019
<b>VOID</b> Intersection Planing Detail		C-GC-85	
9" Concrete Valley Gutter	2	C-GC-86	February 2019
Retaining Wall Detail	1	C-GC-87	February 2019
Brick Paver Pavement/Crosswalk Detail	3	C-GC-88	February 2019
Speed Bump (Typical)	1	C-GC-89	February 2019
Pavement Design Specifications for Public Streets	2	C-GC-90	February 2019
Pavement Design Specifications for Private Streets	1	C-GC-90A	February 2019
Standard Alley Pavement Section	1	C-GC-91	February 2019

## CONTENTS

<u>DESCRIPTION</u>	<u>NO. OF SHEETS</u>	<u>DRAWING NO.</u>	<u>DATE</u>
12" Tilt-Out Curb (For Island & Median Applications Only)	1	C-GC-92	February 2019
Residential Brick Driveway Approach	1	C-GC-93	November 2018
Brick Sidewalk Specifications	3	C-GC-94	February 2019
Street Lighting Downtown Town Center Light Pole and Luminaire	1	C-GC-95A	February 2016
Street Lighting Post Top Light Pole with Lantern Style Luminaire	1	C-GC-95B	February 2019
Street Lighting Post Top Light Pole with Acorn Style Luminaire	1	C-GC-95C	February 2016
Street Lighting Tear Drop Street Light Pole	1	C-GC-95D	February 2016
Street Lighting Davit Street Light Pole	1	C-GC-95E	February 2016
<b>VOID</b> Cobra Mast Arm Light Pole and Luminaires		C-GC-95F	
Reinforced Fence	4	C-GC-96	February 2016
Timber Pedestrian Fence	4	C-GC-97	February 2016
<b>VOID</b> Pond Design Detail		C-GC-98	
Wireless Communication System On Existing Pole	1	C-GC-99A	February 2019
Wireless Communication Metal Pole System	1	C-GC-99B	February 2019
Wireless Communication Metal Pole System w/Facilities In Transformer Base	3	C-GC-99C	February 2019
Wireless Communication Utility Setback	1	C-GC-99D	February 2019
Communication Duct Bank	1	C-GC-100	February 2019
Communication Duct Bank Pull Box	1	C-GC-101	February 2019



## CONTENTS

<u>DESCRIPTION</u>	<u>NO. OF SHEETS</u>	<u>DRAWING NO.</u>	<u>DATE</u>
Record Drawing Review Process	2	C-GC-102	February 2019