

Profile view of a sewer line. The vertical axis shows elevation from 1040 to 1070 feet. The horizontal axis represents the length of the pipe. Key features include:

- PEDESTAL INLET:** Located at station 5+0.0, with a top elevation of 1053.51 feet. It is labeled "SHEET (045) DETAIL 1 TOP=1053.51".
- EXISTING GRADE:** The current ground surface profile.
- PROPOSED GRADE:** The planned ground surface profile, which is higher than the existing grade in the middle section.
- EXISTING PIPE TO BE REPLACED:** A section of 54 feet of 18-inch RCP pipe with a 2.00% slope, located between stations 5+0.0 and 5+54.0.
- EXISTING JUNCTION BOX:** Located at station 5+54.0, with a top elevation of 1056.36 feet.
- EXISTING PIPE OUTFALL FROM JUNCTION BOX:** A section of 55 feet of 18-inch RCP pipe with a 1.64% slope, located between stations 5+54.0 and 6+09.0.
- 100% HGL:** A red dashed line indicating the 100% hydraulic grade line.

Station	Len	Drng Area	Rnooff	Area x C	Tc	Rain (l	Total	Cap	Vel	Pipe	Invert Elev	HGL Elev	Grnd / Rim Elev	Line ID							
Line	To Line	(ft)	Incr (ac)	Total (ac)	Incr (C)	Total	Inlet (min)	Syst (min)	(in/hr)	(cfs)	(cfs)	(ft/s)	Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
2	1	58.940	1.94	1.94	0.70	1.36	21.7	21.7	4.8	8.46	14.86	7.31	18	2.00	1048.32	1049.50	1049.13	1050.63	1056.76	1053.50	PA1
1	End	54.783	0.01	1.95	0.70	0.01	1.37	5.0	21.8	4.8	8.47	13.46	18	1.64	1043.00	1043.90	1044.50	1045.03	1045.33	1056.76	PEX1

STORM PIPE TABLE				
NAME	SIZE	LENGTH	SLOPE	MATERIAL
PAI	18"	59'	2.00%	RCP
PXI	18"	55'	1.64%	RCP

SANITARY PIPE TABLE				
NAME	SIZE	LENGTH	SLOPE	MATERIAL
P51	6"	50'	3.20%	PVC
P52	6"	50'	5.00%	PVC
P53	6"	50'	5.00%	PVC
P54	6"	24'	1.93%	PVC
P54.1	6"	8'	1.00%	PVC
P54.2	6"	18'	1.00%	PVC
P54.3	6"	11'	1.00%	PVC
P54.4	6"	4'	1.00%	PVC
P55	6"	1'	1.00%	PVC
P56	6"	1'	1.00%	PVC
P57	6"	21'	1.00%	PVC
P58	6"	4'	1.00%	PVC

PROPOSED BUILDING
FFE1061.60'

PROPOSED GRADE

EXISTING GRADE

PS4.4
4 L.F. 6" PVC @ 1.00% PS4.3
11 L.F. 6" PVC @ 1.00% PS4.2
18 L.F. 6" PVC @ 1.00% PS4.1
8 L.F. 6" PVC @ 1.00%

6" CLEANOUT
SHEET COAL3, DETAIL 2
TOP=106.52

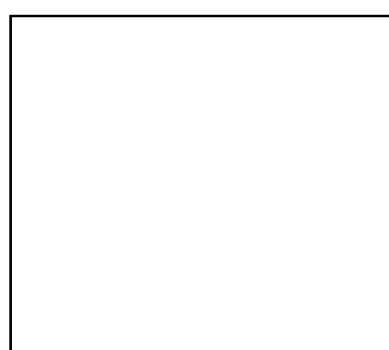
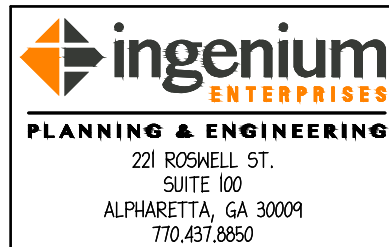
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S4.3 S4.2 S4.1 S4

3. CONTROLLED CREEP SHALL BE PLACED IN 6" LOOSE LIFT AND COMPACTED TO 100% ASTM D2958 PRIOR TO STORM AND SANITARY SEWER CONSTRUCTION, BACK FILL SHALL BE PLACED TO A MINIMUM OF 12" ABOVE FINISH GRADE ELEVATION. EXCESSIVE CREEP SHALL BE REMOVED.
4. STORM DRAIN AND SANITARY SEWER LENGTHS ARE MEASURED FROM CENTER LINE OF STRUCTURE TO CENTERLINE OF STRUCTURE OR FACE OF HEADWALL.
5. ALL STRUCTURE LENGTHS SHOWN ARE ROUNDED TO THE NEAREST FOOT.
6. ALL STORM DRAIN PIPING SHALL BE TRENCHED, BEDDED AND BACK FILL ACCORDING WITH DETAIL OF SHEET C002 UNLESS SPECIFICALLY NOTED OTHERWISE.
7. ALL SANITARY SEWER PIPING SHALL BE TRENCHED, BEDDED AND BACK FILL ACCORDING WITH DETAIL OF SHEET C002 UNLESS SPECIFICALLY NOTED OTHERWISE.
8. UNDESIRABLE SUBSURFACE CONDITIONS SHALL BE BROUGHT TO THE OWNER'S AND ENGINEERS' ATTENTION. IMMEDIATE IMPLEMENTATION OF CORRECTIVE BEDDING MEASURES WITHOUT THE OWNER'S APPROVAL SHALL BE AT THE CONTRACTOR'S OWN RISK AND AT NO ADDITIONAL COMPENSATION.
9. EXCESSIVE SHOULDER SHOWN ARE APPROPRIATE AND DO NOT REFLECT TO SOIL REMOVAL, CLEARING, AND GRUBBING OPERATIONS. THE CONTRACTOR SHALL ASCERTAIN FOR HIMSELF THE EXTENT OF DISTURBANCE FOR THESE ACTIVITIES.
10. THE CONTRACTOR SHALL REFERENCE THE GEOTECHNICAL REPORT PREPARED FOR THE OWNER FOR SUBSURFACE CONDITIONS. THE GEOTECHNICAL REPORT IS NOT A PART OF THE CONTRACT DOCUMENTS. EXEMPTIONS FOR STRUCTURES SHALL BE TAKEN AS A TRENCHING EXEMPTION WITHOUT FURTHER INVESTIGATION.
11. SEE SHEET C001 FOR GENERAL NOTES.



FOR:

The logo for Panda Express Chinese Kitchen is a circular emblem. It features a stylized panda's head in the center, rendered in white with black outlines and grey shading. The panda is facing forward. The words "PANDA EXPRESS" are written in a bold, black, sans-serif font along the top inner edge of the circle. The words "CHINESE KITCHEN" are written in the same font along the bottom inner edge. A small red flame-like shape is positioned to the right of the panda's head, between the two text elements.[illegible]

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PROFILES

C04.6
SHEET NUMBER

ISSUE FOR PERMITTING/BID