

Site Utility Starter Pack

User Guide

UPDATED ON 2/5/2019

PlanSwift

Authored by: Dave Hansen



Table of Contents

Overview	3
Purchasing and Installation	4
Purchasing Plugins.....	4
Installation and Uninstallation	4
Features.....	4
How To	5
How to: Copy and Paste an Assembly.....	5
How to: Copy and Paste Parts.....	10
How to: Drag and Drop Parts	14
FAQ.....	16
Compendium.....	17
Site Utility Assemblies.....	17
Site Utility—Water Assemblies	17
Site Utility—Fire Assemblies	47
Site Utility—Sewer Assemblies	48
Site Utility—Drainage.....	64

Overview

This guide will teach you how to properly use the tools and features found within the Site Utility Starter Pack. It is designed for use with PlanSwift® Takeoff and Estimating Software. This guide is not meant to be a step-by-step “walk through” document, although it can be used as a reference for getting the work done. If you encounter technical difficulty, consult this guide (including the [FAQ](#) section of this user manual) or contact the technical support department at:

PlanSwift® Technical Support
support@PlanSwift.com
1-888-752-6794 Ext. 2

PlanSwift also offers additional training. For training options, contact the training department at:

PlanSwift® Training Department
training@PlanSwift.com
1-888-752-6794 Ext. 4

Purchasing and Installation

Purchasing Plugins

If you need to purchase PlanSwift or a plugin product, contact the Sales Department at:

PlanSwift® Sales
sales@PlanSwift.com
1-888-752-6794 Ext. 1

Installation and Uninstallation

Installing and uninstalling starter packs is simple. For installing them, click on the Import Plugin Package icon (arrow 1 in Figure 1) from the PlanSwift Main Ribbon-bar **Plugin** tab (arrow 3 of Figure 1) and follow the prompts from there. For uninstalling, click on the Uninstall Plugin (arrow 2 in Figure 1) and follow those prompts.

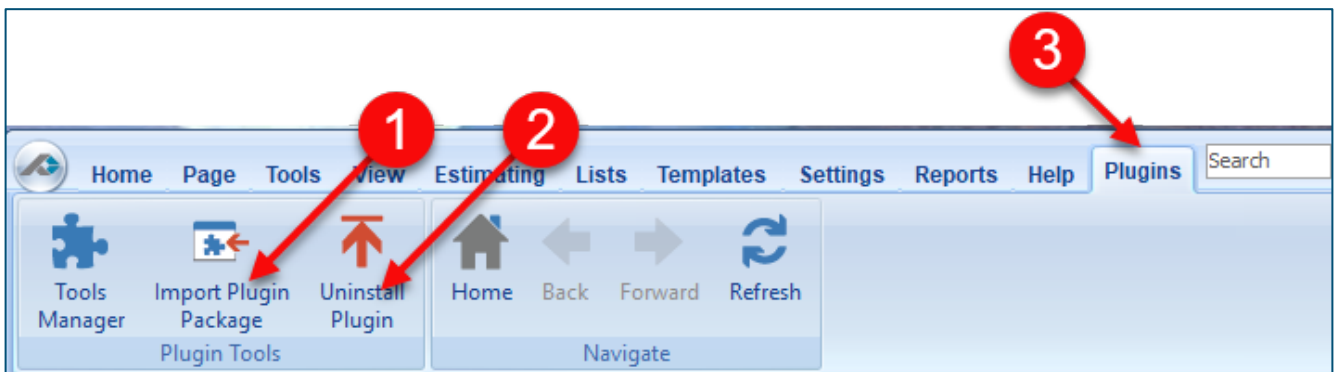


Figure 1

Features

The Site Utility Starter Pack includes Site Utility Assemblies ([Water](#), [Fire](#), [Sewer](#), and [Storm Drain](#)) found in the Templates tab of PlanSwift. These are listed in the [Compendium](#) at the end of this guide. With these site utility assemblies and parts, PlanSwift users can easily customize assemblies and parts for later use. Starter Packs contain a large library of prebuilt templates, parts and assemblies. Modifying the library of parts and assemblies for any Starter Pack allows users the ability to

customize their Templates to their specific needs. Users will save countless hours of setup by utilizing a Starter Pack as their starting point for building custom parts and assemblies. The instructions below will guide new users through the basics of modifying parts and assemblies. We highly recommend purchasing a training package for accelerated learning and faster customization.

How To

How to: Copy and Paste an Assembly

The purpose of copying and pasting an assembly is to allow the user to copy and then modify the assembly for later use. As an example, you may want two different assemblies: one might include a part, and another might have an alternative part or not include that part at all. By copying one assembly and then modifying and renaming the copy (for easy identification), you can have two different assemblies available, allowing for easier and faster takeoffs. Figure 2 shows the **Templates Tab** (arrow 1) and the **Area Takeoff Item Example 1** assembly (arrow 2). If you want to add another assembly but with no **Material 3**, then you would click on the assembly you want to copy (arrow 2), click on **Copy** (arrow 3), and then click on **Paste** (arrow 4).

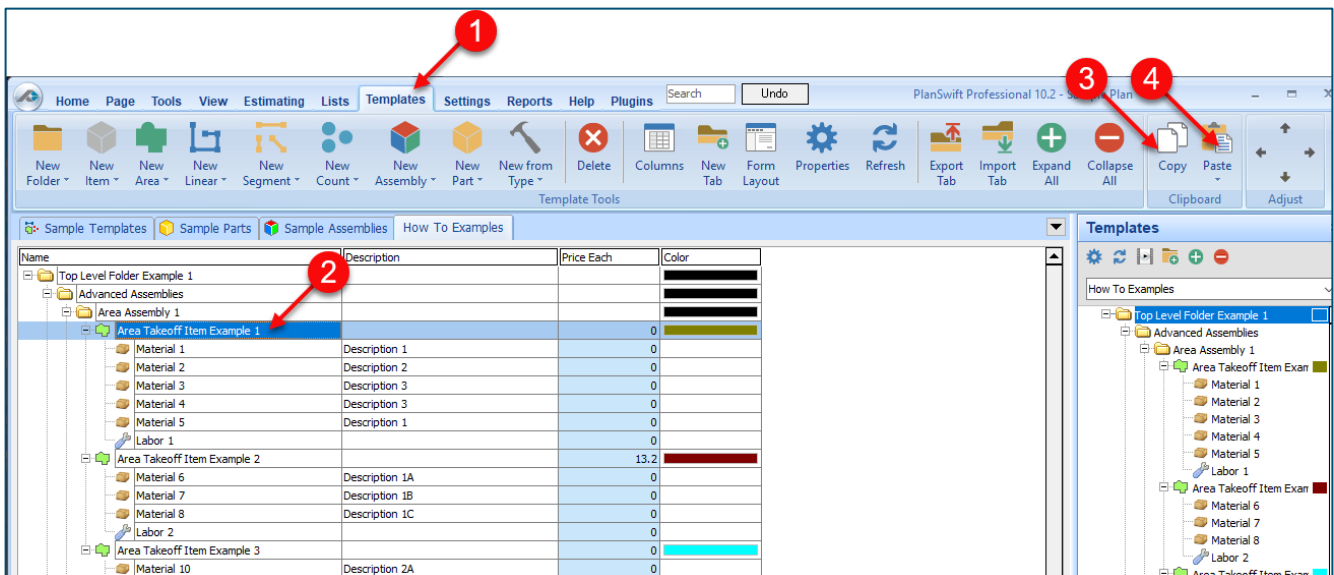


Figure 2

Figure 3 shows the original (arrows 1) and new **Area Takeoff Item Example 1** assembly (arrow 2). To delete the **Material 3** (arrow 3) from the newly created **Area Takeoff Item Example 1** assembly (arrow 2), click on **Material 3** (arrow 3), click on **Delete** (arrow 4), and click on **OK** in the popup window to confirm the deletion.

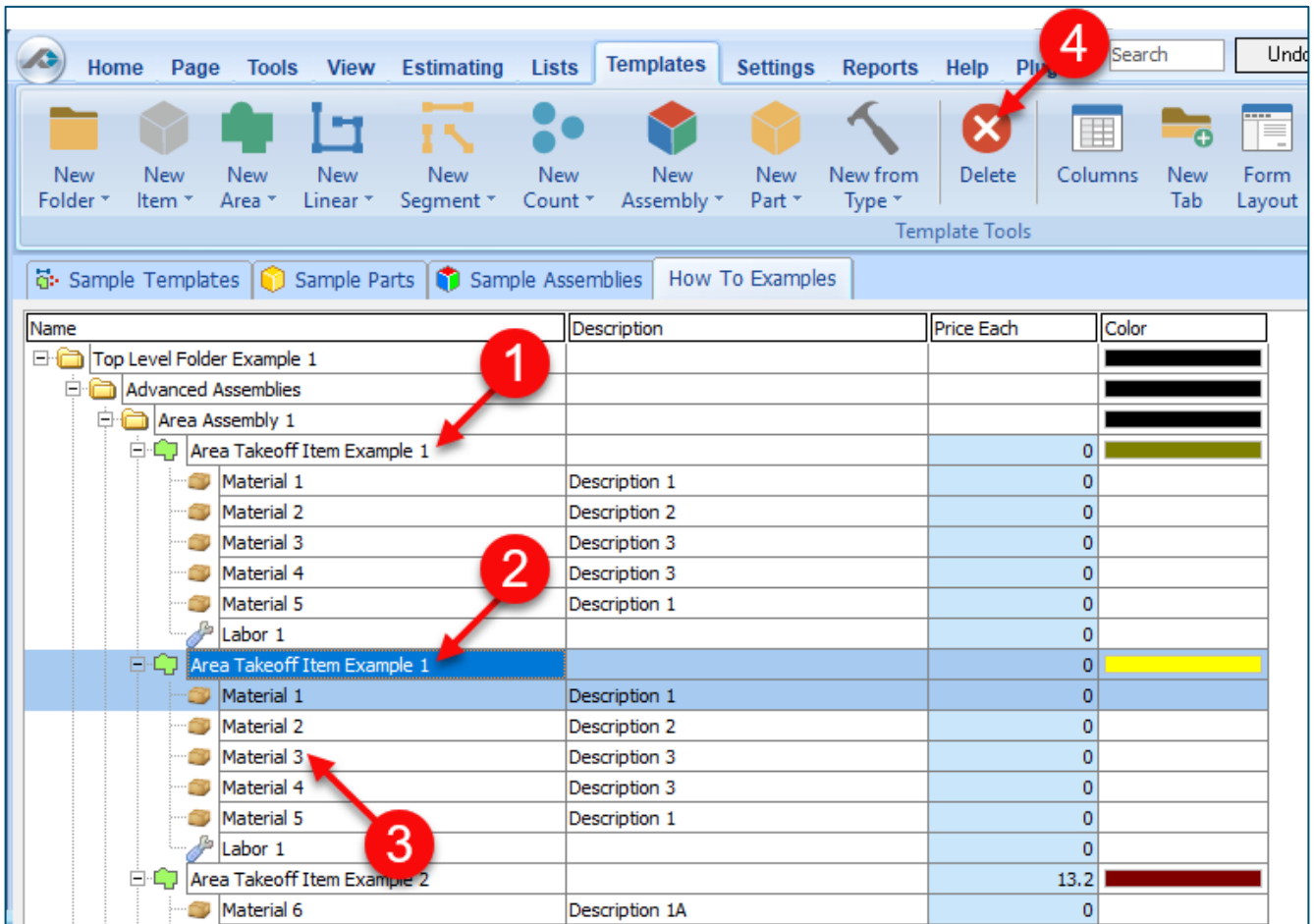


Figure 3

Figure 4 now shows the two assemblies, one with (arrow 1) and one without (arrow 2) the **Material 3** item. You can now change the description of the duplicated **Area Takeoff Item Example 1** (arrow 3) without the **Material 3** item by double-clicking the duplicate **Area Takeoff Item Example 1** (arrow 3).

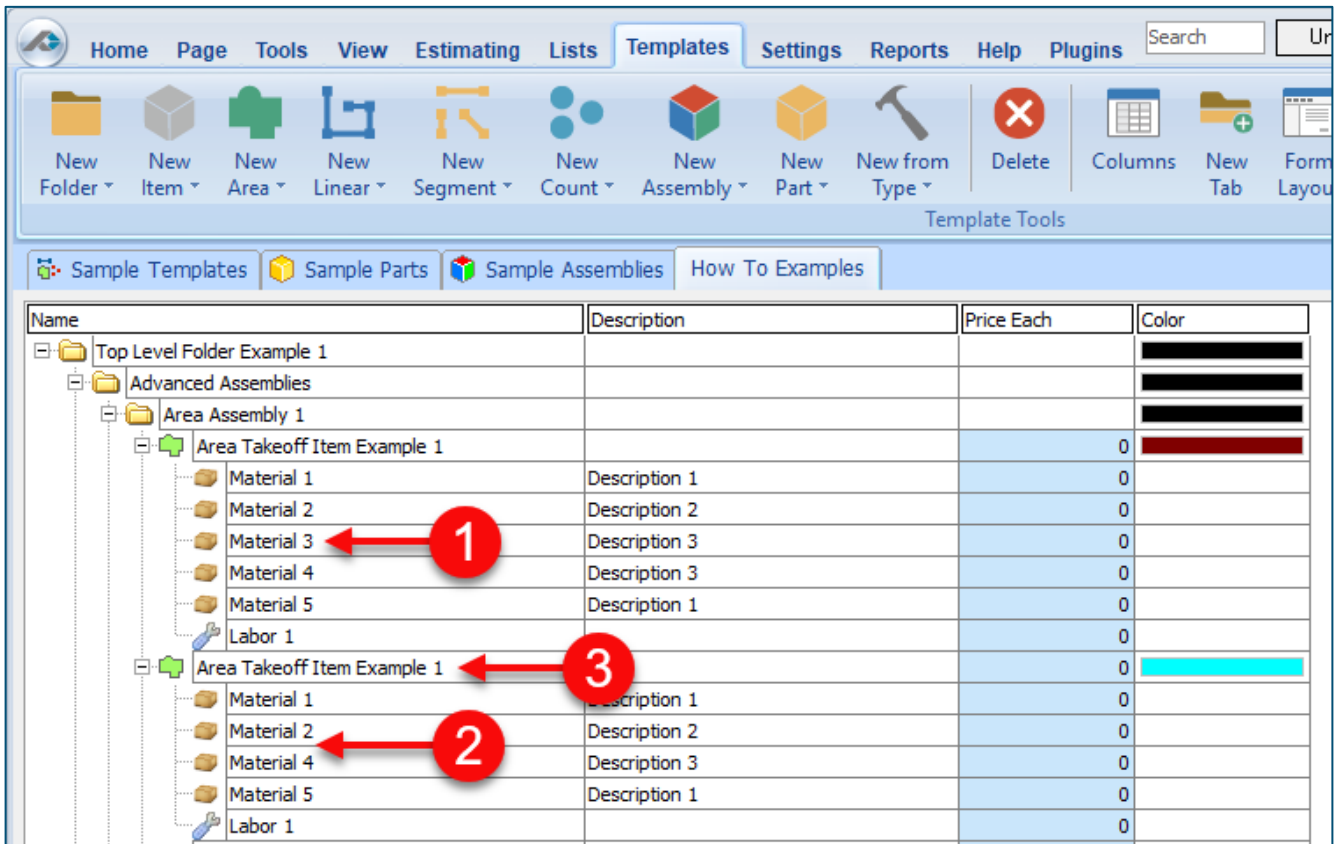


Figure 4

This opens the **Properties – [Area Takeoff Item Example 1]** window (Figure 5) where you can change the assembly’s name to something like **Area Takeoff Item Example 1—No Material 3** to make it easier to identify.

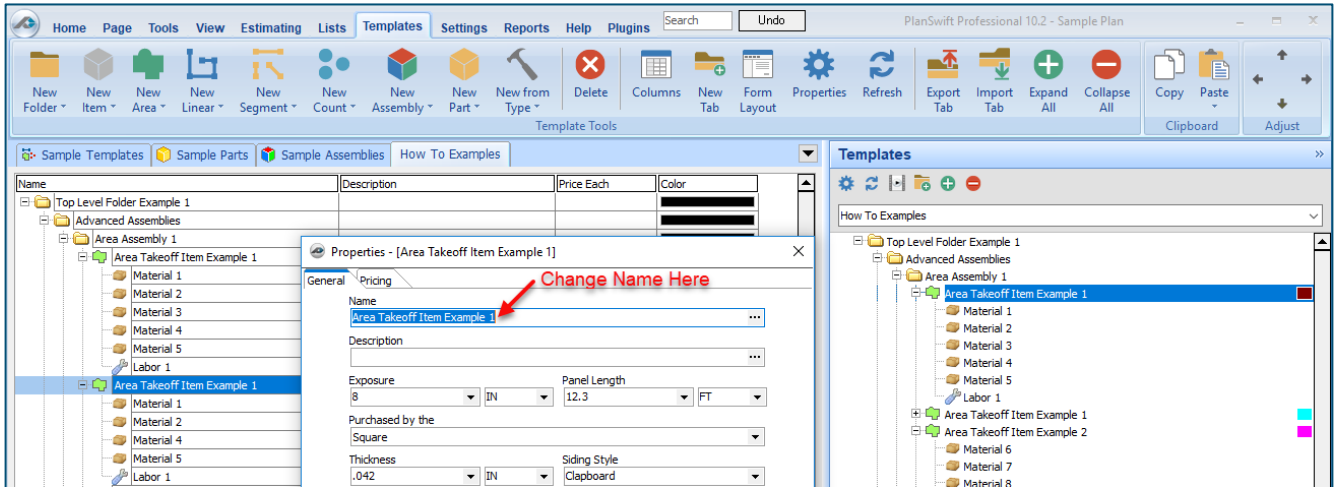


Figure 5

Click on **Ok** in the **Properties** window after you have entered the name. Figure 6 shows the new name.

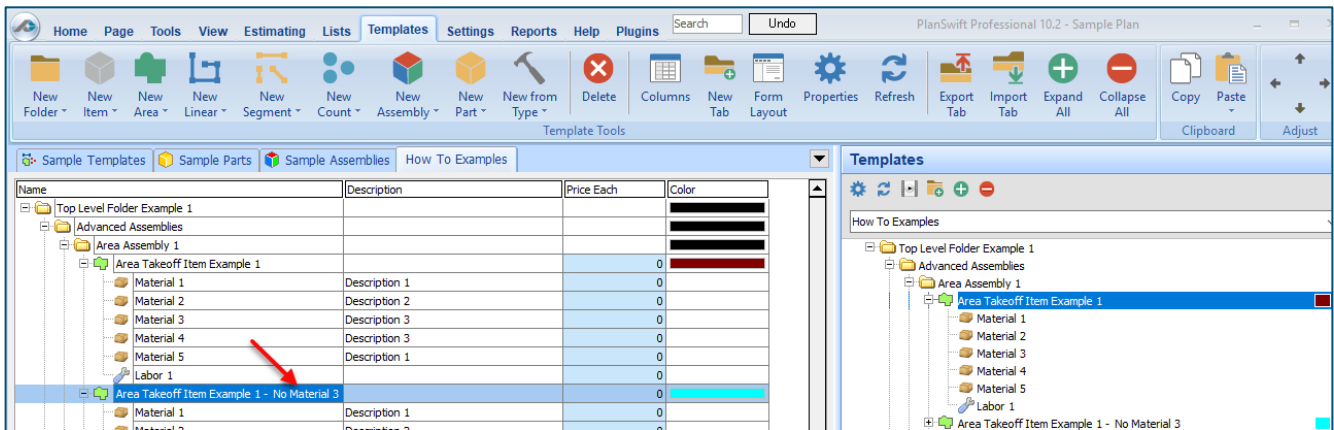


Figure 6

To perform a takeoff with the **Area Takeoff Item Example 1—No Material 3** assembly, go to the takeoff page, click on the green **Record Button** (see the arrow in Figure 7) in the **Templates** sidebar window, and then proceed to do your takeoff.

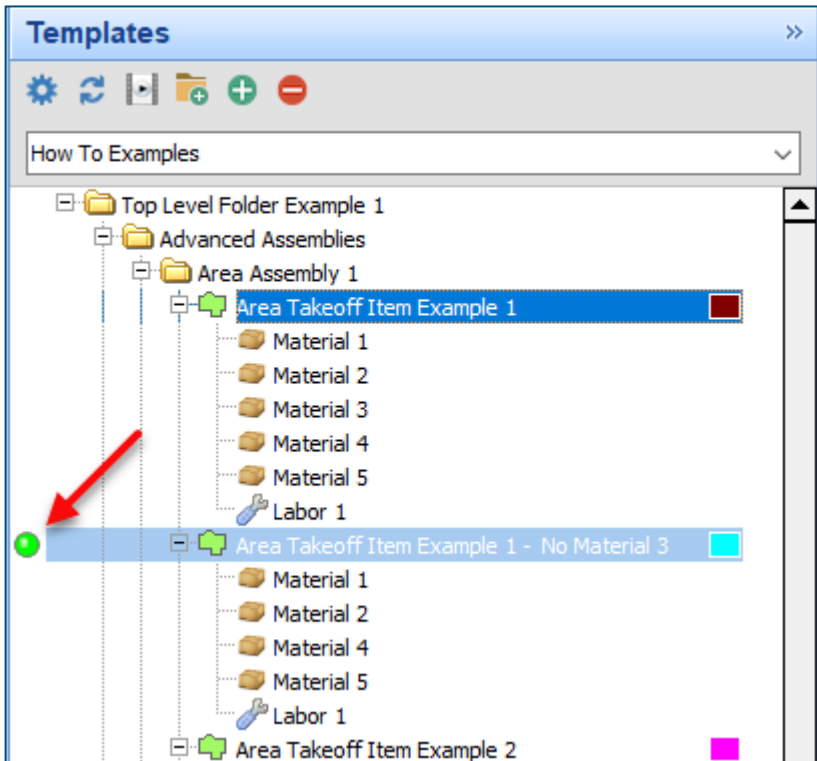


Figure 7

Disclaimer

Any modifications that a user makes to a Starter Pack should always be tested and verified by that user to ensure quantities and calculations are accurate. PlanSwift cannot verify the accuracy of modifications made to templates, parts and assemblies by the user.

How to: Copy and Paste Parts

Copying and pasting parts is handled similarly to copying and pasting an assembly. If, for instance, you want to move **Material 6** in **Area Takeoff Item Example 2** to **Area Takeoff Item Example 1**, click on **Material 6** (arrow 1), then click on copy (arrow 2) as shown in Figure 8.

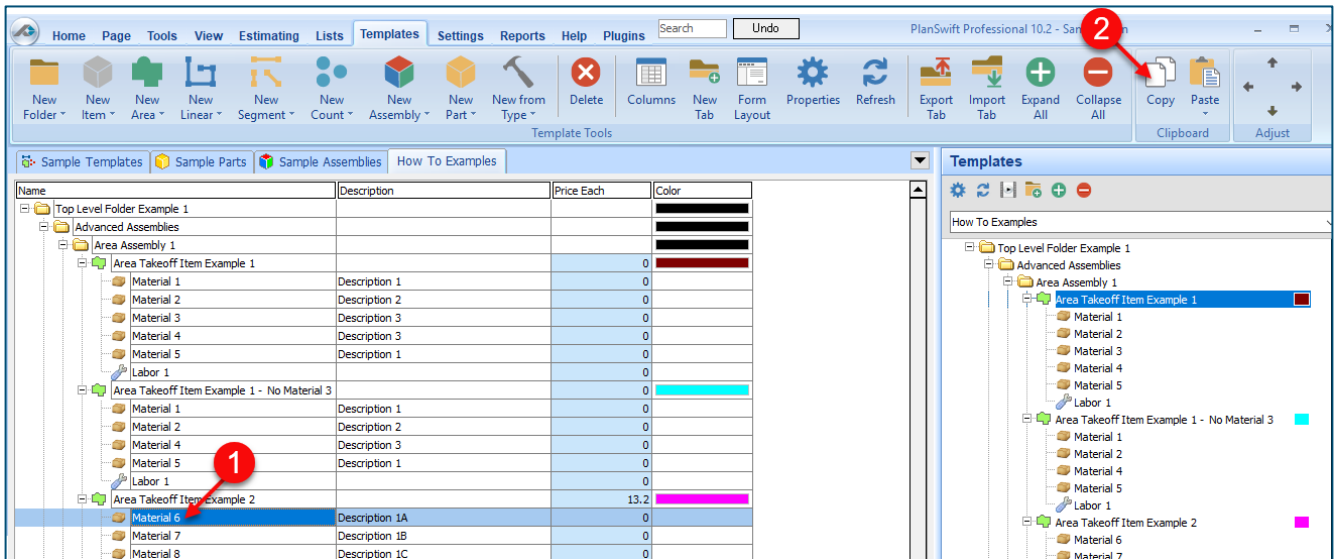


Figure 8

There are now two ways to paste the part. The first is to paste it at the same hierarchical level of a selected item, and the second is to paste it as a sub-item of a selected item. Figure 9 shows the **Paste** button. Clicking on the top half of the button pastes the part at the same hierarchical level of a selected item. Clicking on the drop-down half of the button, then selecting **As Sub-Item** pastes the part as a sub-item of the selected item.

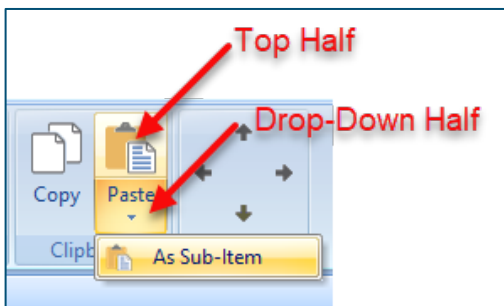


Figure 9

Click on **Area Takeoff Item Example 1**, then click on the top half of **Paste**. As shown in Figure 10, **Material 6** gets pasted at the same hierarchical level as **Area Takeoff Item Example 1**.

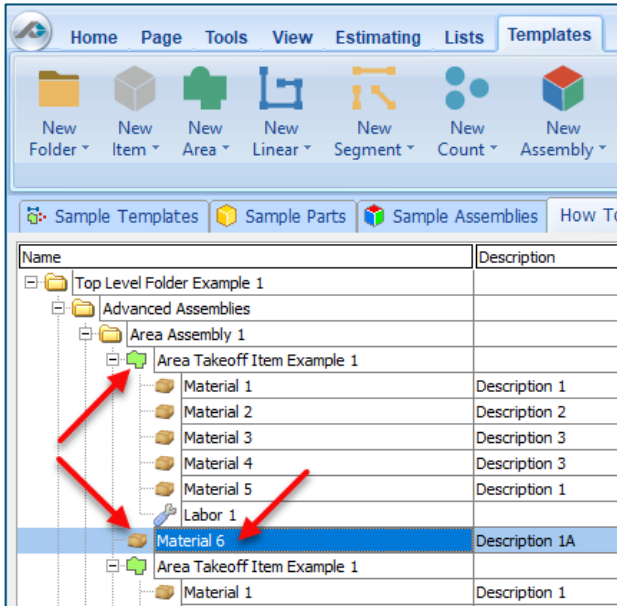


Figure 10

If you had selected the drop-down half of the **Paste** button, then **Material 6** would be a sub-item of **Area Takeoff Item Example 1**. Figure 11 shows **Material 6** as a sub-item.

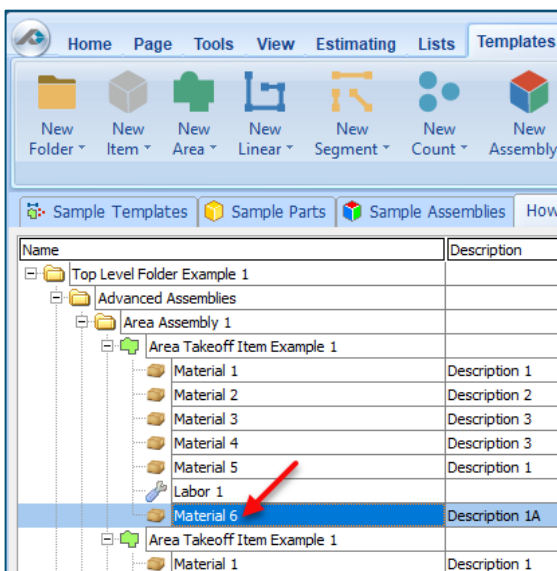


Figure 11

Another way to adjust the hierarchy of an item, such as **Material 6**, is to use the Main Ribbon bar arrow **Adjust** keys (Figure 12).

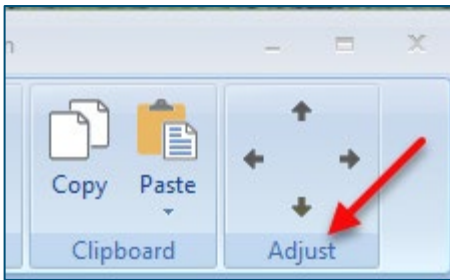


Figure 12

The left and right **Adjust** arrows move the item left and right (up or down) in the hierarchy, and the up and down **Adjust** arrows keys moves the item higher and lower in the list of items.

A shortcut to the **Copy** and **Paste** and **Paste as Sub-Item** selections is available with a right-click menu. Figure 13 shows the **Copy**, **Paste**, and **Paste As Sub-Item** options on the right-click menu when **Material 6** is right-clicked on.

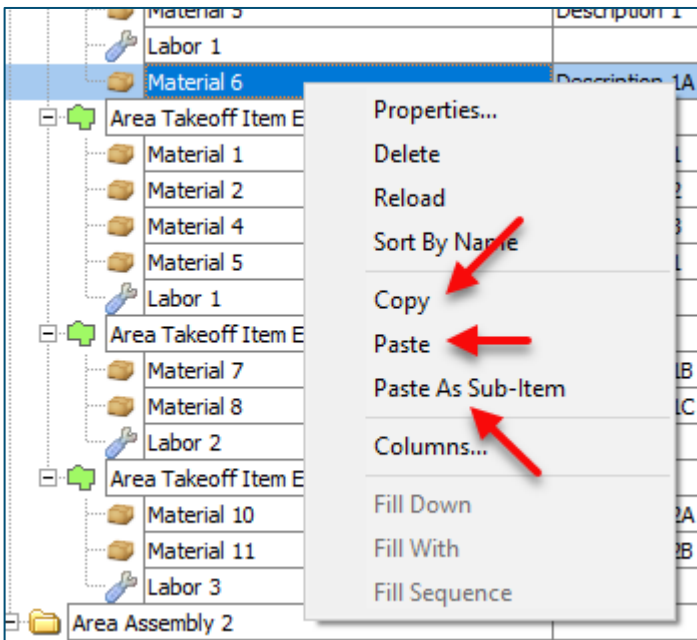


Figure 13

Double-clicking on **Material 6** allows you to change the name of the item and alter other properties of the item (Figure 14). To change the name of **Material 6**, double-click on the **Material 6** name, type the new name, and click on **Ok**.

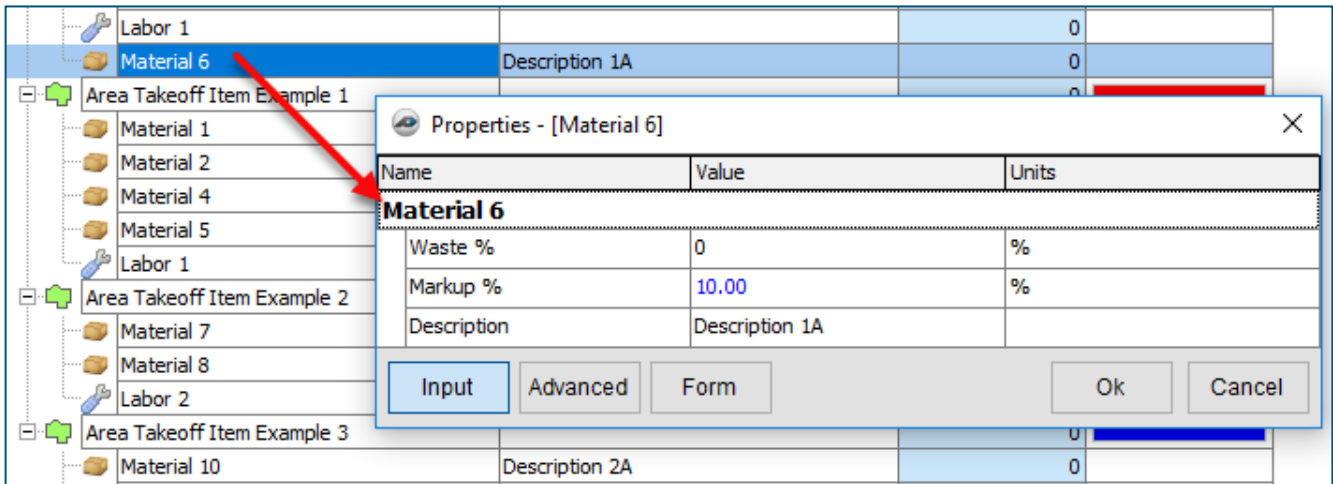


Figure 14

Figure 15 shows **Material 6** renamed to **Material 6A**.

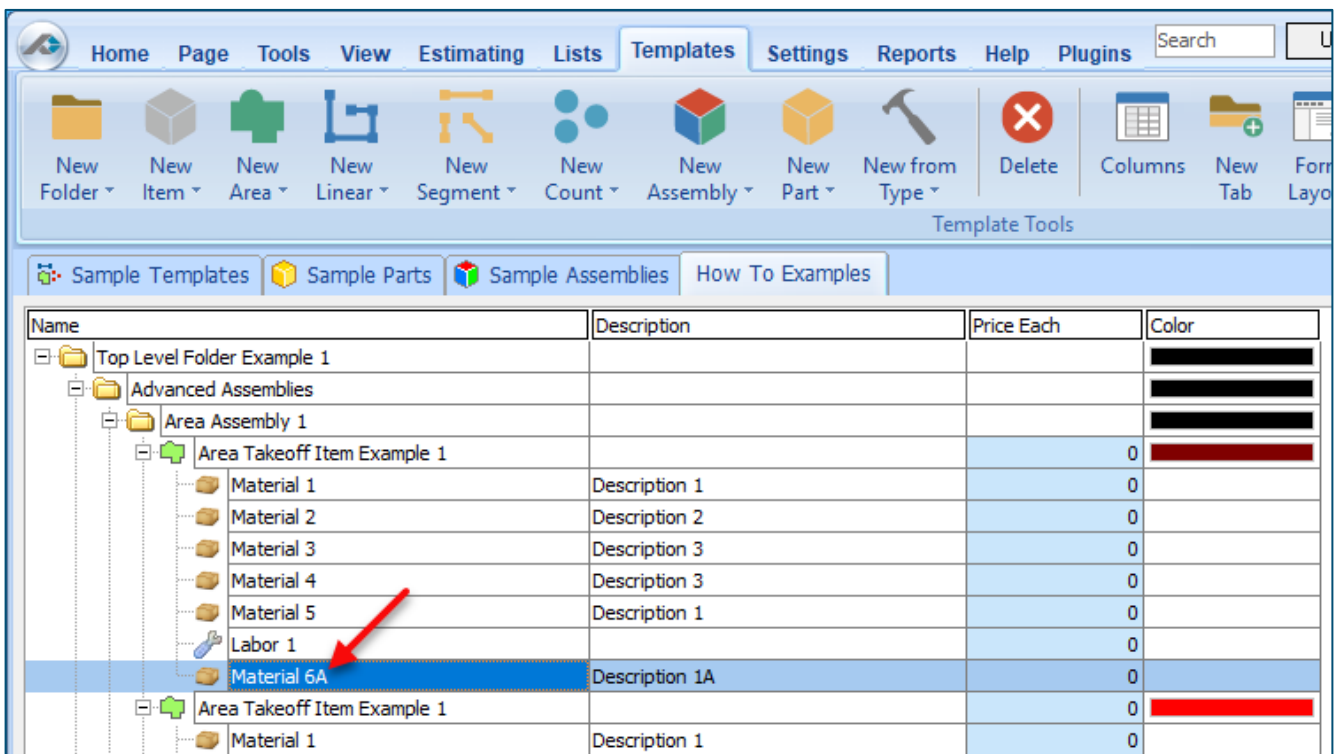


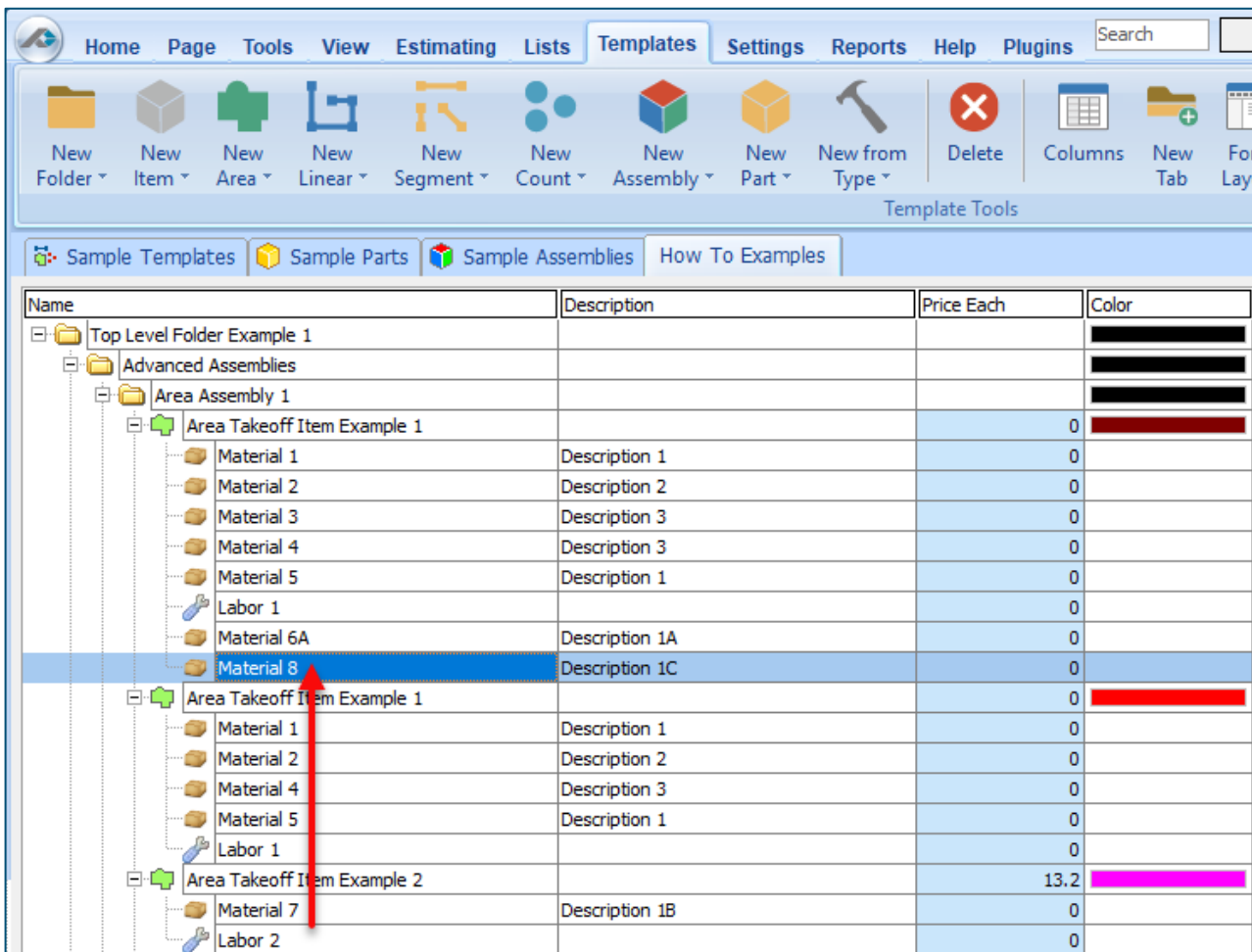
Figure 15

Disclaimer

Any modifications that a user makes to a Starter Pack should always be tested and verified by that user to ensure quantities and calculations are accurate. PlanSwift cannot verify the accuracy of modifications made to templates, parts and assemblies by the user.

How to: Drag and Drop Parts

Parts may be dragged and dropped from one assembly to another assembly. If, for instance, you want to drag the **Material 8** item from **Area Takeoff Item Example 2** up to **Area Takeoff Item Example 1**, click on **Material 8** and drag it up to just below **Material 6A** (see Figure 16) and release the mouse button.



The screenshot shows the PlanSwift software interface with a list of materials and assemblies. The interface includes a menu bar (Home, Page, Tools, View, Estimating, Lists, Templates, Settings, Reports, Help, Plugins) and a toolbar with various icons for creating and managing items. Below the toolbar, there are tabs for 'Sample Templates', 'Sample Parts', 'Sample Assemblies', and 'How To Examples'. The main area displays a table with columns for Name, Description, Price Each, and Color. The table is organized into a hierarchical structure of folders and items. A red arrow points to 'Material 8' in the 'Area Takeoff Item Example 2' section, indicating it is being dragged to the 'Area Takeoff Item Example 1' section.

Name	Description	Price Each	Color
Top Level Folder Example 1			
Advanced Assemblies			
Area Assembly 1			
Area Takeoff Item Example 1		0	
Material 1	Description 1	0	
Material 2	Description 2	0	
Material 3	Description 3	0	
Material 4	Description 3	0	
Material 5	Description 1	0	
Labor 1		0	
Material 6A	Description 1A	0	
Material 8	Description 1C	0	
Area Takeoff Item Example 1		0	
Material 1	Description 1	0	
Material 2	Description 2	0	
Material 4	Description 3	0	
Material 5	Description 1	0	
Labor 1		0	
Area Takeoff Item Example 2		13.2	
Material 7	Description 1B	0	
Labor 2		0	

Figure 16

Notice that dragging the part this way *moves* the part from the **Example 2** assembly to the **Example 1** assembly, *not* leaving behind a copy.

The **Templates** sidebar window is a summarized view of everything in the Templates Tab. It is designed for easily dragging and dropping parts and for quickly launching takeoff templates and assemblies.

Parts may be dragged over from the **Templates** sidebar window into the **Templates Tab** window; note that dragging any part from the **Templates** sidebar window makes a copy of it. If, for instance, you want a **Material 7** item added to **Area Takeoff Item Example 1** as a sub-item, simply drag the **Material 7** from the right **Templates** sidebar window over on top of **Area Takeoff Item Example 1** label and release the mouse button. (Figure 17).

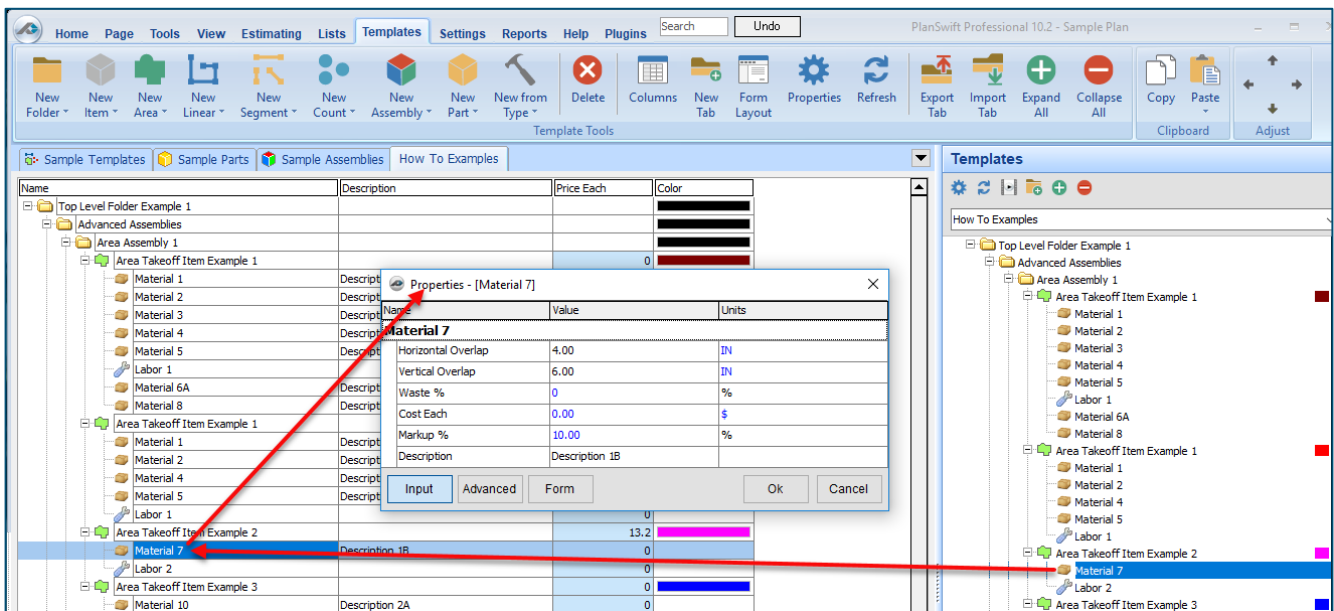


Figure 17

Figure 17 shows the **Material 7** item in place after it was dropped on top of **Area Takeoff Item Example 1**. In addition, the **Properties – [Material 7]** window automatically opens, allowing the user to change any properties for **Material 7**. Click on **Ok** to close the **Properties – [Material 7]** window.

Disclaimer

Any modifications that a user makes to a Starter Pack should always be tested and verified by that user to ensure quantities and calculations are accurate. PlanSwift cannot verify the accuracy of modifications made to templates, parts and assemblies by the user.

FAQ

Question: I've read this user guide, and I still have questions. What do I do?

Answer: We highly recommend new users purchase a training package because training is customized to each user. We offer [one-on-one training](#) and [classroom training](#). Contact training@PlanSwift.com or at 1-888-752-6794 Ext. 4.

Question: Does the Starter Pack include everything a contractor will need to generate an estimate?

Answer: No. A Starter Pack is a tool to get you started toward creating a complete estimate. For example, the Starter Pack does not include industry pricing for materials and labor. However, you can supply prices for materials and labor on the assemblies and labor included in the Starter Pack.

Question: Do I have to input all the pricing for all my parts?

Answer: Inputting pricing is optional. You can use the Starter Pack to generate quantities that you can then send to your supplier, who can then provide you current pricing. Inputting pricing on your own is optional. If your industry's pricing is not subject to frequent changes, you may want to consider inputting your pricing in PlanSwift.

Compendium

Site Utility Assemblies

Site Utility—Water Assemblies

Name	Description	Color
Water		
Pipe		
PVC		
4" PVC DR-18 C900 GKT	4" PVC DR-18 C900	
4" x 20' PVC DR-18 C900 GKT	4" x 20' PVC DR-18 C900	
Pipe Laying Labor		
6" PVC DR-18 C900 GKT	6" PVC DR-18 C900	
6" x 20' PVC DR-18 C900 GKT	6" x 20' PVC DR-18 C900	
Pipe Laying Labor		
8" PVC DR-18 C900 GKT	8" PVC DR-18 C900	
8" x 20' PVC DR-18 C900 GKT	8" x 20' PVC DR-18 C900	
Pipe Laying Labor		
10" PVC DR-18 C900 GKT	10" PVC DR-18 C900	
10" x 20' PVC DR-18 C900 GKT	10" x 20' PVC DR-18 C900	
Pipe Laying Labor		
12" PVC DR-18 C900 GKT	12" PVC DR-18 C900	
12" x 20' PVC DR-18 C900 GKT	12" x 20' PVC DR-18 C900	
Pipe Laying Labor		
14" PVC DR-18 C900 GKT	14" PVC DR-18 C900	
14" x 20' PVC DR-18 C900 GKT	14" x 20' PVC DR-18 C900	
Pipe Laying Labor		
16" PVC DR-18 C900 GKT	16" PVC DR-18 C900	
16" x 20' PVC DR-18 C900 GKT	16" x 20' PVC DR-18 C900	
Pipe Laying Labor		
18" PVC DR-18 C900 GKT	18" PVC DR-18 C900	
18" x 20' PVC DR-18 C900 GKT	18" x 20' PVC DR-18 C900	
Pipe Laying Labor		
20" PVC DR-18 C900 GKT	20" PVC DR-18 C900	
20" x 20' PVC DR-18 C900 GKT	20" x 20' PVC DR-18 C900	
Pipe Laying Labor		
24" PVC DR-18 C900 GKT	24" PVC DR-18 C900	
24" x 20' PVC DR-18 C900 GKT	24" x 20' PVC DR-18 C900	
Pipe Laying Labor		
30" PVC DR-18 C900 GKT	30" PVC DR-18 C900	
30" x 20' PVC DR-18 C900 GKT	30" x 20' PVC DR-18 C900	
Pipe Laying Labor		
36" PVC DR-25 C900 GKT	36" PVC DR-25 C900	
36" x 20' PVC DR-25 C900 GKT	36" x 20' PVC DR-25 C900	
Pipe Laying Labor		
42" PVC DR-25 C900 GKT	42" PVC DR-25 C900	
42" x 20' PVC DR-25 C900 GKT	42" x 20' PVC DR-25 C900	
Pipe Laying Labor		
48" PVC DR-25 C900 GKT	48" PVC DR-25 C900	
48" x 20' PVC DR-25 C900 GKT	48" x 20' PVC DR-25 C900	
Pipe Laying Labor		

Site Utility—Water Assemblies – Continued

Name	Description	Color
HDPE		
4" HDPE DR 9 C906 FUSE	4" HDPE DR 9 C906	
4" x 40' HDPE DR 9 C906 FUSE	4" x 40' HDPE DR 9 C906	
Pipe Laying Labor		
6" HDPE DR 9 C906 FUSE	6" HDPE DR 9 C906	
6" x 40' HDPE DR 9 C906 FUSE	6" x 40' HDPE DR 9 C906	
Pipe Laying Labor		
8" HDPE DR 9 C906 FUSE	8" HDPE DR 9 C906	
8" x 40' HDPE DR 9 C906 FUSE	8" x 40' HDPE DR 9 C906	
Pipe Laying Labor		
10" HDPE DR 9 C906 FUSE	10" HDPE DR 9 C906	
10" x 40' HDPE DR 9 C906 FUSE	10" x 40' HDPE DR 9 C906	
Pipe Laying Labor		
12" HDPE DR 9 C906 FUSE	12" HDPE DR 9 C906	
12" x 40' HDPE DR 9 C906 FUSE	12" x 40' HDPE DR 9 C906	
Pipe Laying Labor		
14" HDPE DR 9 C906 FUSE	14" HDPE DR 9 C906	
14" x 40' HDPE DR 9 C906 FUSE	14" x 40' HDPE DR 9 C906	
Pipe Laying Labor		
16" HDPE DR 9 C906 FUSE	16" HDPE DR 9 C906	
16" x 40' HDPE DR 9 C906 FUSE	16" x 40' HDPE DR 9 C906	
Pipe Laying Labor		
18" HDPE DR 9 C906 FUSE	18" HDPE DR 9 C906	
18" x 40' HDPE DR 9 C906 FUSE	18" x 40' HDPE DR 9 C906	
Pipe Laying Labor		
20" HDPE DR 9 C906 FUSE	20" HDPE DR 9 C906	
20" x 40' HDPE DR 9 C906 FUSE	20" x 40' HDPE DR 9 C906	
Pipe Laying Labor		
24" HDPE DR 9 C906 FUSE	24" HDPE DR 9 C906	
24" x 40' HDPE DR 9 C906 FUSE	24" x 40' HDPE DR 9 C906	
Pipe Laying Labor		
30" HDPE DR 11 C906 FUSE	30" HDPE DR 11 C906	
30" x 40' HDPE DR 11 C906 FUSE	30" x 40' HDPE DR 11 C906	
Pipe Laying Labor		
36" HDPE DR 11 C906 FUSE	36" HDPE DR 11 C906	
36" x 40' HDPE DR 11 C906 FUSE	36" x 40' HDPE DR 11 C906	
Pipe Laying Labor		
42" HDPE DR 17 C906 FUSE	42" HDPE DR 17 C906	
42" x 40' HDPE DR 17 C906 FUSE	42" x 40' HDPE DR 17 C906	
Pipe Laying Labor		
48" HDPE DR 17 C906 FUSE	48" HDPE DR 17 C906	
48" x 40' HDPE DR 17 C906 FUSE	48" x 40' HDPE DR 17 C906	
Pipe Laying Labor		













Site Utility—Water Assemblies – Continued

Name	Description	Color
[-] DIP		
[-] 3" DIP C52 TJ	3" DIP C52 TJ	
[-] 3" x 18' DIP C52 TJ	3" x 18' DIP C52 TJ	
[-] Pipe Laying Labor		
[-] 4" DIP C52 TJ	4" DIP C52 TJ	
[-] 4" x 18' DIP C52 TJ	4" x 18' DIP C52 TJ	
[-] Pipe Laying Labor		
[-] 6" DIP C52 TJ	6" DIP C52 TJ	
[-] 6" x 18' DIP C52 TJ	6" x 18' DIP C52 TJ	
[-] Pipe Laying Labor		
[-] 8" DIP C52 TJ	8" DIP C52 TJ	
[-] 8" x 18' DIP C52 TJ	8" x 18' DIP C52 TJ	
[-] Pipe Laying Labor		
[-] 10" DIP C52 TJ	10" DIP C52 TJ	
[-] 10" x 18' DIP C52 TJ	10" x 18' DIP C52 T.	
[-] Pipe Laying Labor		
[-] 12" DIP C52 TJ	12" DIP C52 TJ	
[-] 12" x 18' DIP C52 TJ	12" x 18' DIP C52 T.	
[-] Pipe Laying Labor		
[-] 14" DIP C52 TJ	14" DIP C52 TJ	
[-] 14" x 18' DIP C52 TJ	14" x 18' DIP C52 T.	
[-] Pipe Laying Labor		
[-] 16" DIP C52 TJ	16" DIP C52 TJ	
[-] 16" x 18' DIP C52 TJ	16" x 18' DIP C52 T.	
[-] Pipe Laying Labor		
[-] 18" DIP C52 TJ	18" DIP C52 TJ	
[-] 18" x 18' DIP C52 TJ	18" x 18' DIP C52 T.	
[-] Pipe Laying Labor		
[-] 20" DIP C52 TJ	20" DIP C52 TJ	
[-] 20" x 18' DIP C52 TJ	20" x 18' DIP C52 T.	
[-] Pipe Laying Labor		
[-] 24" DIP C52 TJ	24" DIP C52 TJ	
[-] 24" x 18' DIP C52 TJ	24" x 18' DIP C52 T.	
[-] Pipe Laying Labor		
[-] 30" DIP C52 TJ	30" DIP C52 TJ	
[-] 30" x 18' DIP C52 TJ	30" x 18' DIP C52 T.	
[-] Pipe Laying Labor		
[-] 36" DIP C52 TJ	36" DIP C52 TJ	
[-] 36" x 18' DIP C52 TJ	36" x 18' DIP C52 T.	
[-] Pipe Laying Labor		
[-] 42" DIP C52 TJ	42" DIP C52 TJ	
[-] 42" x 18' DIP C52 TJ	42" x 18' DIP C52 T.	
[-] Pipe Laying Labor		
[-] 48" DIP C52 TJ	48" DIP C52 TJ	
[-] 48" x 20' DIP C52 TJ	48" x 20' DIP C52 T.	
[-] Pipe Laying Labor		

Site Utility—Water Assemblies – Continued

Name	Description	Color
54" DIP C52 TJ	54" DIP C52 TJ	
54" x 20' DIP C52 TJ	54" x 20' DIP C52 T.	
Pipe Laying Labor		
60" DIP C52 TJ	60" DIP C52 TJ	
60" x 20' DIP C52 TJ	60" x 20' DIP C52 T.	
Pipe Laying Labor		
64" DIP C52 TJ	64" DIP C52 TJ	
64" x 20' DIP C52 TJ	64" x 20' DIP C52 T.	
Pipe Laying Labor		
Valves		
Valve Box Ring and Lid		
Valve Box Ring and Lid		
Valve Box Install Labor		
Gate Valves		
4" Gate Valve FLG		
4" Gate Valve FLG		
Valve Install Labor		
6" Gate Valve FLG		
6" Gate Valve FLG		
No Restraint		
Valve Install Labor		
8" Gate Valve FLG		
8" Gate Valve FLG		
No Restraint		
Valve Install Labor		
10" Gate Valve FLG		
10" Gate Valve FLG		
No Restraint		
Valve Install Labor		
12" Gate Valve FLG		
12" Gate Valve FLG		
No Restraint		
Valve Install Labor		
14" Gate Valve FLG		
14" Gate Valve FLG		
No Restraint		
Valve Install Labor		
16" Gate Valve FLG		
16" Gate Valve FLG		
No Restraint		
Valve Install Labor		
18" Gate Valve FLG		
18" Gate Valve FLG		
Valve Install Labor		













Site Utility—Water Assemblies – Continued

Name	Description	Color
[-] 20" Gate Valve FLG		
20" Gate Valve FLG		
No Restraint		
Valve Install Labor		
[-] 22" Gate Valve FLG		
22" Gate Valve FLG		
No Restraint		
Valve Install Labor		
[-] 24" Gate Valve FLG		
24" Gate Valve FLG		
No Restraint		
Valve Install Labor		
[+] Butterfly Valves		
[-] 4" Butterfly Valve MJ		
4" Butterfly Valve MJ		
No Restraint		
Valve Install Labor		
[-] 6" Butterfly Valve MJ		
6" Butterfly Valve MJ		
No Restraint		
Valve Install Labor		
[-] 8" Butterfly Valve MJ		
8" Butterfly Valve MJ		
No Restraint		
Valve Install Labor		
[-] 10" Butterfly Valve MJ		
10" Butterfly Valve MJ		
No Restraint		
Valve Install Labor		
[-] 12" Butterfly Valve MJ		
12" Butterfly Valve MJ		
No Restraint		
Valve Install Labor		
[-] 14" Butterfly Valve MJ		
14" Butterfly Valve MJ		
No Restraint		
Valve Install Labor		
[-] 16" Butterfly Valve MJ		
16" Butterfly Valve MJ		
No Restraint		
Valve Install Labor		
[-] 18" Butterfly Valve MJ		
18" Butterfly Valve MJ		
No Restraint		
Valve Install Labor		

Site Utility—Water Assemblies – Continued

Name	Description	Color
20" Butterfly Valve MJ		
20" Butterfly Valve MJ		
No Restraint		
Valve Install Labor		
22" Butterfly Valve MJ		
22" Butterfly Valve MJ		
No Restraint		
Valve Install Labor		
24" Butterfly Valve MJ		
24" Butterfly Valve MJ		
No Restraint		
Valve Install Labor		
Ball Valves		
4" Ball Valve FLG		
4" Ball Valve FLG		
No Restraint		
Valve Install Labor		
6" Ball Valve FLG		
6" Ball Valve FLG		
No Restraint		
Valve Install Labor		
8" Ball Valve FLG		
8" Ball Valve FLG		
No Restraint		
Valve Install Labor		
10" Ball Valve FLG		
10" Ball Valve FLG		
No Restraint		
Valve Install Labor		
12" Ball Valve FLG		
12" Ball Valve FLG		
No Restraint		
Valve Install Labor		
14" Ball Valve FLG		
14" Ball Valve FLG		
No Restraint		
Valve Install Labor		
16" Ball Valve FLG		
16" Ball Valve FLG		
No Restraint		
Valve Install Labor		
18" Ball Valve FLG		
18" Ball Valve FLG		
No Restraint		
Valve Install Labor		

Site Utility—Water Assemblies – Continued

Name	Description	Color
[-] 20" Ball Valve FLG		
20" Ball Valve FLG		
No Restraint		
Valve Install Labor		
[-] 22" Ball Valve FLG		
22" Ball Valve FLG		
No Restraint		
Valve Install Labor		
[-] 24" Ball Valve FLG		
24" Ball Valve FLG		
No Restraint		
Valve Install Labor		
[+] Check Valves		
[-] 4" Check Valve FLG		
4" Check Valve FLG		
No Restraint		
Valve Install Labor		
[-] 6" Check Valve FLG		
6" Check Valve FLG		
No Restraint		
Valve Install Labor		
[-] 8" Check Valve FLG		
8" Check Valve FLG		
No Restraint		
Valve Install Labor		
[-] 10" Check Valve FLG		
10" Check Valve FLG		
No Restraint		
Valve Install Labor		
[-] 12" Check Valve FLG		
12" Check Valve FLG		
No Restraint		
Valve Install Labor		
[-] 14" Check Valve FLG		
14" Check Valve FLG		
No Restraint		
Valve Install Labor		
[-] 16" Check Valve FLG		
16" Check Valve FLG		
No Restraint		
Valve Install Labor		
[-] 18" Check Valve FLG		
18" Check Valve FLG		
No Restraint		
Valve Install Labor		




Site Utility—Water Assemblies – Continued

Name	Description	Color
20" Check Valve FLG		
20" Check Valve FLG		
No Restraint		
Valve Install Labor		
22" Check Valve FLG		
22" Check Valve FLG		
No Restraint		
Valve Install Labor		
24" Check Valve FLG		
24" Check Valve FLG		
No Restraint		
Valve Install Labor		
Fittings		
PVC		
Elbows		
5-5/8 Deg. Elbow		
4" 5-5/8 Deg. Elbow GKT x GKT PVC DR-18 C90C		
5-5/8 Deg. GKT x GKT PVC Bend		
No Restraint		
Fitting Installation Labor		
6" 5-5/8 Deg. Elbow GKT x GKT PVC DR-18 C90C		
5-5/8 Deg. GKT x GKT PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 5-5/8 Deg. Elbow GKT x GKT PVC DR-18 C90C		
5-5/8 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 5-5/8 Deg. Elbow GKT x GKT PVC DR-18 C90C		
5-5/8 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 5-5/8 Deg. Elbow GKT x GKT PVC DR-18 C90C		
5-5/8 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 5-5/8 Deg. Elbow GKT x GKT PVC DR-18 C90C		
5-5/8 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 5-5/8 Deg. Elbow GKT x GKT PVC DR-18 C90C		
5-5/8 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		

Site Utility—Water Assemblies – Continued

Name	Description	Color
11-1/4 Deg. Elbow		Black
4" 11-1/4 Deg. Elbow GKT x GKT PVC DR-18 C90		Dark Red
11-1/4 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 11-1/4 Deg. Elbow GKT x GKT PVC DR-18 C90		Cyan
11-1/4 Deg. GKT x GKT PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 11-1/4 Deg. Elbow GKT x GKT PVC DR-18 C90		Magenta
11-1/4 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 11-1/4 Deg. Elbow GKT x GKT PVC DR-18 C90		Blue
11-1/4 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 11-1/4 Deg. Elbow GKT x GKT PVC DR-18 C90		Yellow
11-1/4 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 11-1/4 Deg. Elbow GKT x GKT PVC DR-18 C90		Light Green
11-1/4 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 11-1/4 Deg. Elbow GKT x GKT PVC DR-18 C90		Red
11-1/4 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
22-1/2 Deg. Elbow		Black
4" 22-1/2 Deg. Elbow GKT x GKT PVC DR-18 C90		Light Green
22-1/2 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 22-1/2 Deg. Elbow GKT x GKT PVC DR-18 C90		Red
22-1/2 Deg. GKT x GKT PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 22-1/2 Deg. Elbow GKT x GKT PVC DR-18 C90		Teal
22-1/2 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 22-1/2 Deg. Elbow GKT x GKT PVC DR-18 C90		Purple
22-1/2 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		

Site Utility—Water Assemblies – Continued

Name	Description	Color
[-] 12" 22-1/2 Deg. Elbow GKT x GKT PVC DR-18 C9		
[-] 22-1/2 Deg. GKT x GKT PVC Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 14" 22-1/2 Deg. Elbow GKT x GKT PVC DR-18 C9		
[-] 22-1/2 Deg. GKT x GKT PVC Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 16" 22-1/2 Deg. Elbow GKT x GKT PVC DR-18 C9		
[-] 22-1/2 Deg. GKT x GKT PVC Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[+] 30 Deg. Elbow		
[-] 4" 30 Deg. Elbow GKT x GKT PVC DR-18 C900		
[-] 30 Deg. GKT x GKT PVC Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 6" 30 Deg. Elbow GKT x GKT PVC DR-18 C900		
[-] 30 Deg. GKT x GKT PVC Bend		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8" 30 Deg. Elbow GKT x GKT PVC DR-18 C900		
[-] 30 Deg. GKT x GKT PVC Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 10" 30 Deg. Elbow GKT x GKT PVC DR-18 C900		
[-] 30 Deg. GKT x GKT PVC Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 12" 30 Deg. Elbow GKT x GKT PVC DR-18 C900		
[-] 30 Deg. GKT x GKT PVC Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 14" 30 Deg. Elbow GKT x GKT PVC DR-18 C900		
[-] 30 Deg. GKT x GKT PVC Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 16" 30 Deg. Elbow GKT x GKT PVC DR-18 C900		
[-] 30 Deg. GKT x GKT PVC Bend		
[-] Fitting Installation Labor		
[-] No Restraint		

Site Utility—Water Assemblies – Continued

Name	Description	Color
45 Deg. Elbow		
4" 45 Deg. Elbow GKT x GKT PVC DR-18 C900		
45 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 45 Deg. Elbow GKT x GKT PVC DR-18 C900		
45 Deg. GKT x GKT PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 45 Deg. Elbow GKT x GKT PVC DR-18 C900		
45 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 45 Deg. Elbow GKT x GKT PVC DR-18 C900		
45 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 45 Deg. Elbow GKT x GKT PVC DR-18 C900		
45 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 45 Deg. Elbow GKT x GKT PVC DR-18 C900		
45 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 45 Deg. Elbow GKT x GKT PVC DR-18 C900		
45 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
60 Deg. Elbow		
4" 60 Deg. Elbow GKT x GKT PVC DR-18 C900		
60 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 60 Deg. Elbow GKT x GKT PVC DR-18 C900		
60 Deg. GKT x GKT PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 60 Deg. Elbow GKT x GKT PVC DR-18 C900		
60 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 60 Deg. Elbow GKT x GKT PVC DR-18 C900		
60 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		

Site Utility—Water Assemblies – Continued

Name	Description	Color
12" 60 Deg. Elbow GKT x GKT PVC DR-18 C900		
60 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 60 Deg. Elbow GKT x GKT PVC DR-18 C900		
60 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 60 Deg. Elbow GKT x GKT PVC DR-18 C900		
60 Deg. GKT x GKT PVC Bend		
Fitting Installation Labor		
No Restraint		
90 Deg. Elbow		
4" 90 Deg. Elbow SOC x SOC PVC DR-18 C900		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 90 Deg. Elbow SOC x SOC PVC DR-18 C900		
90 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 90 Deg. Elbow SOC x SOC PVC DR-18 C900		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 90 Deg. Elbow SOC x SOC PVC DR-18 C900		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 90 Deg. Elbow SOC x SOC PVC DR-18 C900		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 90 Deg. Elbow SOC x SOC PVC DR-18 C900		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 90 Deg. Elbow SOC x SOC PVC DR-18 C900		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		

Site Utility—Water Assemblies – Continued

Name	Description	Color
Wyes		
4x4 WYE PVC GKT x GKT DR-18 C900		
4x4 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
6x4 WYE PVC GKT x GKT DR-18 C900		
6x4 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
6x6 WYE PVC GKT x GKT DR-18 C900		
6x6 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
8x4 WYE PVC GKT x GKT DR-18 C900		
8x4 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
8x6 WYE PVC GKT x GKT DR-18 C900		
8x6 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
8x8 WYE PVC GKT x GKT DR-18 C900		
8x8 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
10x4 WYE PVC GKT x GKT DR-18 C900		
10x4 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
10x6 WYE PVC GKT x GKT DR-18 C900		
10x6 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
10x8 WYE PVC GKT x GKT DR-18 C900		
10x8 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
10x10 WYE PVC GKT x GKT DR-18 C900		
10x10 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
12x4 WYE PVC GKT x GKT DR-18 C900		
12x4 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		

Site Utility—Water Assemblies – Continued

Name	Description	Color
12x6 WYE PVC GKT x GKT DR-18 C900		
12x6 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
12x8 WYE PVC GKT x GKT DR-18 C900		
12x8 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
12x10 WYE PVC GKT x GKT DR-18 C900		
12x10 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
12x12 WYE PVC GKT x GKT DR-18 C900		
12x12 WYE PVC GKT x GKT DR-18 C900		
No Restraint		
Fitting Installation Labor		
Tees		
4x4 TEE PVC SOC x SOC DR-18 C900		
4x4 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
6x4 TEE PVC SOC x SOC DR-18 C900		
6x4 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
6x6 TEE PVC SOC x SOC DR-18 C900		
6x6 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
8x4 TEE PVC SOC x SOC DR-18 C900		
8x4 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
8x6 TEE PVC SOC x SOC DR-18 C900		
8x6 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
8x8 TEE PVC SOC x SOC DR-18 C900		
8x8 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
10x4 TEE PVC SOC x SOC DR-18 C900		
10x4 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		













Site Utility—Water Assemblies – Continued

Name	Description	Color
10x6 TEE PVC SOC x SOC DR-18 C900		
10x6 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
10x8 TEE PVC SOC x SOC DR-18 C900		
10x8 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
10x10 TEE PVC SOC x SOC DR-18 C900		
10x10 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
12x4 TEE PVC SOC x SOC DR-18 C900		
12x4 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
12x6 TEE PVC SOC x SOC DR-18 C900		
12x6 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
12x8 TEE PVC SOC x SOC DR-18 C900		
12x8 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
12x10 TEE PVC SOC x SOC DR-18 C900		
12x10 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
12x12 TEE PVC SOC x SOC DR-18 C900		
12x12 TEE PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
Crosses		
4x4 Cross PVC SOC x SOC DR-18 C900		
4x4 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
6x4 Cross PVC SOC x SOC DR-18 C900		
6x4 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
6x6 Cross PVC SOC x SOC DR-18 C900		
6x6 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		

Site Utility—Water Assemblies – Continued

Name	Description	Color
8x4 Cross PVC SOC x SOC DR-18 C900		
8x4 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
8x6 Cross PVC SOC x SOC DR-18 C900		
8x6 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
8x8 Cross PVC SOC x SOC DR-18 C900		
8x8 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
10x4 Cross PVC SOC x SOC DR-18 C900		
10x4 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
10x6 Cross PVC SOC x SOC DR-18 C900		
10x6 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
10x8 Cross PVC SOC x SOC DR-18 C900		
10x8 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
10x10 Cross PVC SOC x SOC DR-18 C900		
10x10 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
12x4 Cross PVC SOC x SOC DR-18 C900		
12x4 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
12x6 Cross PVC SOC x SOC DR-18 C900		
12x6 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
12x8 Cross PVC SOC x SOC DR-18 C900		
12x8 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		
12x10 Cross PVC SOC x SOC DR-18 C900		
12x10 Cross PVC SOC x SOC DR-18 C900		
No Restraint		
Fitting Installation Labor		

Site Utility—Water Assemblies – Continued

Name	Description	Color
[-] 12x12 Cross PVC SOC x SOC DR-18 C900		
[-] 12x12 Cross PVC SOC x SOC DR-18 C900		
[-] No Restraint		
[-] Fitting Installation Labor		
[+] Reducers		
[-] 6x4 Reducer PVC G x G DR-18 C900		
[-] 6x4 Reducer PVC G x G DR-18 C900		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8x4 Reducer PVC G x G DR-18 C900		
[-] 8x4 Reducer PVC G x G DR-18 C900		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8x6 Reducer PVC G x G DR-18 C900		
[-] 8x6 Reducer PVC G x G DR-18 C900		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x4 Reducer PVC G x G DR-18 C900		
[-] 10x4 Reducer PVC G x G DR-18 C900		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x6 Reducer PVC G x G DR-18 C900		
[-] 10x6 Reducer PVC G x G DR-18 C900		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x8 Reducer PVC G x G DR-18 C900		
[-] 10x8 Reducer PVC G x G DR-18 C900		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x4 Reducer PVC G x G DR-18 C900		
[-] 12x4 Reducer PVC G x G DR-18 C900		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x6 Reducer PVC G x G DR-18 C900		
[-] 12x6 Reducer PVC G x G DR-18 C900		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x8 Reducer PVC G x G DR-18 C900		
[-] 12x8 Reducer PVC G x G DR-18 C900		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x10 Reducer PVC G x G DR-18 C900		
[-] 12x10 Reducer PVC G x G DR-18 C900		
[-] No Restraint		
[-] Fitting Installation Labor		













Site Utility—Water Assemblies – Continued

Name	Description	Color
Plugs and Caps		
4" PVC Cap G DR-18 C900		
4" PVC Cap G DR-18 C900		
No Restraint		
Fitting Installation Labor		
6" PVC Cap G DR-18 C900		
6" PVC Cap G DR-18 C900		
No Restraint		
Fitting Installation Labor		
8" PVC Cap G DR-18 C900		
8" PVC Cap G DR-18 C900		
No Restraint		
Fitting Installation Labor		
10" PVC Cap G DR-18 C900		
10" PVC Cap G DR-18 C900		
No Restraint		
Fitting Installation Labor		
12" PVC Cap G DR-18 C900		
12" PVC Cap G DR-18 C900		
No Restraint		
Fitting Installation Labor		
14" PVC Cap G DR-18 C900		
14" PVC Cap G DR-18 C900		
No Restraint		
Fitting Installation Labor		
16" PVC Cap G DR-18 C900		
16" PVC Cap G DR-18 C900		
No Restraint		
Fitting Installation Labor		
18" PVC Cap G DR-18 C900		
18" PVC Cap G DR-18 C900		
No Restraint		
Fitting Installation Labor		
20" PVC Cap G DR-18 C900		
20" PVC Cap G DR-18 C900		
No Restraint		
Fitting Installation Labor		
22" PVC Cap G DR-18 C900		
22" PVC Cap G DR-18 C900		
No Restraint		
Fitting Installation Labor		
24" PVC Cap G DR-18 C900		
24" PVC Cap G DR-18 C900		
No Restraint		
Fitting Installation Labor		













Site Utility—Water Assemblies – Continued

Name	Description	Color
[-] DIP		Black
[-] Bends		Black
[-] 5-5/8 Deg. Bends		Black
[-] 3" 5-5/8 Deg. Bend TJ x TJ DIP C250		Green
[-] 5-5/8 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 4" 5-5/8 Deg. Bend TJ x TJ DIP C250		Dark Red
[-] 5-5/8 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 6" 5-5/8 Deg. Bend TJ x TJ DIP C250		Cyan
[-] 5-5/8 Deg. TJ x TJ DIP Bend		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8" 5-5/8 Deg. Bend TJ x TJ DIP C250		Magenta
[-] 5-5/8 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 10" 5-5/8 Deg. Bend TJ x TJ DIP C250		Blue
[-] 5-5/8 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 12" 5-5/8 Deg. Bend TJ x TJ DIP C250		Yellow
[-] 5-5/8 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 14" 5-5/8 Deg. Bend TJ x TJ DIP C250		Light Green
[-] 5-5/8 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 16" 5-5/8 Deg. Bend TJ x TJ DIP C250		Red
[-] 5-5/8 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 11-1/4 Deg. Bends		Black
[-] 3" 11-1/4 Deg. Bend TJ x TJ DIP C250		Blue
[-] 11-1/4 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 4" 11-1/4 Deg. Bend TJ x TJ DIP C250		Yellow
[-] 11-1/4 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		

Site Utility—Water Assemblies – Continued

Name	Description	Color
6" 11-1/4 Deg. Bend TJ x TJ DIP C250		
11-1/4 Deg. TJ x TJ DIP Bend		
No Restraint		
Fitting Installation Labor		
8" 11-1/4 Deg. Bend TJ x TJ DIP C250		
11-1/4 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
10" 11-1/4 Deg. Bend TJ x TJ DIP C250		
11-1/4 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
12" 11-1/4 Deg. Bend TJ x TJ DIP C250		
11-1/4 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
14" 11-1/4 Deg. Bend TJ x TJ DIP C250		
11-1/4 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
16" 11-1/4 Deg. Bend TJ x TJ DIP C250		
11-1/4 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
22-1/2 Deg. Bends		
3" 22-1/2 Deg. Bend TJ x TJ DIP C250		
22-1/2 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
4" 22-1/2 Deg. Bend TJ x TJ DIP C250		
22-1/2 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
6" 22-1/2 Deg. Bend TJ x TJ DIP C250		
22-1/2 Deg. TJ x TJ DIP Bend		
No Restraint		
Fitting Installation Labor		
8" 22-1/2 Deg. Bend TJ x TJ DIP C250		
22-1/2 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
10" 22-1/2 Deg. Bend TJ x TJ DIP C250		
22-1/2 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		













Site Utility—Water Assemblies – Continued

Name	Description	Color
[-] 12" 22-1/2 Deg. Bend TJ x TJ DIP C250		
[-] 22-1/2 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 14" 22-1/2 Deg. Bend TJ x TJ DIP C250		
[-] 22-1/2 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 16" 22-1/2 Deg. Bend TJ x TJ DIP C250		
[-] 22-1/2 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[+] 30 Deg. Bends		
[-] 3" 30 Deg. Bend TJ x TJ DIP C250		
[-] 30 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 4" 30 Deg. Bend TJ x TJ DIP C250		
[-] 30 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 6" 30 Deg. Bend TJ x TJ DIP C250		
[-] 30 Deg. TJ x TJ DIP Bend		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8" 30 Deg. Bend TJ x TJ DIP C250		
[-] 30 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 10" 30 Deg. Bend TJ x TJ DIP C250		
[-] 30 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 12" 30 Deg. Bend TJ x TJ DIP C250		
[-] 30 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 14" 30 Deg. Bend TJ x TJ DIP C250		
[-] 30 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		
[-] 16" 30 Deg. Bend TJ x TJ DIP C250		
[-] 30 Deg. TJ x TJ DIP Bend		
[-] Fitting Installation Labor		
[-] No Restraint		








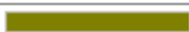




Site Utility—Water Assemblies – Continued

Name	Description	Color
45 Deg. Bends		
3" 45 Deg. Bend TJ x TJ DIP C250		
45 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
4" 45 Deg. Bend TJ x TJ DIP C250		
45 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
6" 45 Deg. Bend TJ x TJ DIP C250		
45 Deg. TJ x TJ DIP Bend		
No Restraint		
Fitting Installation Labor		
8" 45 Deg. Bend TJ x TJ DIP C250		
45 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
10" 45 Deg. Bend TJ x TJ DIP C250		
45 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
12" 45 Deg. Bend TJ x TJ DIP C250		
45 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
14" 45 Deg. Bend TJ x TJ DIP C250		
45 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
16" 45 Deg. Bend TJ x TJ DIP C250		
45 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
60 Deg. Bends		
3" 60 Deg. Bend TJ x TJ DIP C250		
60 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
4" 60 Deg. Bend TJ x TJ DIP C250		
60 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
6" 60 Deg. Bend TJ x TJ DIP C250		
60 Deg. TJ x TJ DIP Bend		
No Restraint		
Fitting Installation Labor		













Site Utility—Water Assemblies – Continued

Name	Description	Color
[-] 8" 60 Deg. Bend TJ x TJ DIP C250		
60 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
[-] 10" 60 Deg. Bend TJ x TJ DIP C250		
60 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
[-] 12" 60 Deg. Bend TJ x TJ DIP C250		
60 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
[-] 14" 60 Deg. Bend TJ x TJ DIP C250		
60 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
[-] 16" 60 Deg. Bend TJ x TJ DIP C250		
60 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
[-] 90 Deg. Bends		
[-] 3" 90 Deg. Bend TJ x TJ DIP C250		
90 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
[-] 4" 90 Deg. Bend TJ x TJ DIP C250		
90 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
[-] 6" 90 Deg. Bend TJ x TJ DIP C250		
90 Deg. TJ x TJ DIP Bend		
No Restraint		
Fitting Installation Labor		
[-] 8" 90 Deg. Bend TJ x TJ DIP C250		
90 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
[-] 10" 90 Deg. Bend TJ x TJ DIP C250		
90 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
[-] 12" 90 Deg. Bend TJ x TJ DIP C250		
90 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		

Site Utility—Water Assemblies – Continued

Name	Description	Color
14" 90 Deg. Bend TJ x TJ DIP C250		
90 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
16" 90 Deg. Bend TJ x TJ DIP C250		
90 Deg. TJ x TJ DIP Bend		
Fitting Installation Labor		
No Restraint		
Wyes		
3x3 WYE DIP TJ x TJ C250		
3x3 WYE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
4x3 WYE DIP TJ x TJ C250		
4x3 WYE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
4x4 WYE DIP TJ x TJ C250		
4x4 WYE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
6x4 WYE DIP TJ x TJ C250		
6x4 WYE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
6x6 WYE DIP TJ x TJ C250		
6x6 WYE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
8x4 WYE DIP TJ x TJ C250		
8x4 WYE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
8x6 WYE DIP TJ x TJ C250		
8x6 WYE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
8x8 WYE DIP TJ x TJ C250		
8x8 WYE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
10x4 WYE DIP TJ x TJ C250		
10x4 WYE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		













Site Utility—Water Assemblies – Continued

Name	Description	Color
[-] 10x6 WYE DIP TJ x TJ C250		
[-] 10x6 WYE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x8 WYE DIP TJ x TJ C250		
[-] 10x8 WYE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x10 WYE DIP TJ x TJ C250		
[-] 10x10 WYE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x4 WYE DIP TJ x TJ C250		
[-] 12x4 WYE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x6 WYE DIP TJ x TJ C250		
[-] 12x6 WYE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x8 WYE DIP TJ x TJ C250		
[-] 12x8 WYE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x10 WYE DIP TJ x TJ C250		
[-] 12x10 WYE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x12 WYE DIP TJ x TJ C250		
[-] 12x12 WYE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[+] Tees		
[-] 3x3 TEE DIP TJ x TJ C250		
[-] 3x3 TEE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 4x3 TEE DIP TJ x TJ C250		
[-] 4x3 TEE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 4x4 TEE DIP TJ x TJ C250		
[-] 4x4 TEE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		







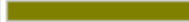




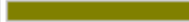
Site Utility—Water Assemblies – Continued

Name	Description	Color
6x4 TEE DIP TJ x TJ C250		
6x4 TEE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
6x6 TEE DIP TJ x TJ C250		
6x6 TEE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
8x4 TEE DIP TJ x TJ C250		
8x4 TEE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
8x6 TEE DIP TJ x TJ C250		
8x6 TEE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
8x8 TEE DIP TJ x TJ C250		
8x8 TEE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
10x4 TEE DIP TJ x TJ C250		
10x4 TEE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
10x6 TEE DIP TJ x TJ C250		
10x6 TEE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
10x8 TEE DIP TJ x TJ C250		
10x8 TEE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
10x10 TEE DIP TJ x TJ C250		
10x10 TEE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
12x4 TEE DIP TJ x TJ C250		
12x4 TEE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		
12x6 TEE DIP TJ x TJ C250		
12x6 TEE DIP TJ x TJ C250		
No Restraint		
Fitting Installation Labor		













Site Utility—Water Assemblies – Continued

Name	Description	Color
[-] 12x8 TEE DIP TJ x TJ C250		
[-] 12x8 TEE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x10 TEE DIP TJ x TJ C250		
[-] 12x10 TEE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x12 TEE DIP TJ x TJ C250		
[-] 12x12 TEE DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[+] Crosses		
[-] 3x3 Cross DIP TJ x TJ C250		
[-] 3x3 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 4x3 Cross DIP TJ x TJ C250		
[-] 4x3 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 4x4 Cross DIP TJ x TJ C250		
[-] 4x4 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 6x4 Cross DIP TJ x TJ C250		
[-] 6x4 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 6x6 Cross DIP TJ x TJ C250		
[-] 6x6 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8x4 Cross DIP TJ x TJ C250		
[-] 8x4 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8x6 Cross DIP TJ x TJ C250		
[-] 8x6 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8x8 Cross DIP TJ x TJ C250		
[-] 8x8 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		










Site Utility—Water Assemblies – Continued

Name	Description	Color
[-] 10x4 Cross DIP TJ x TJ C250		
[-] 10x4 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x6 Cross DIP TJ x TJ C250		
[-] 10x6 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x8 Cross DIP TJ x TJ C250		
[-] 10x8 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x10 Cross DIP TJ x TJ C250		
[-] 10x10 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x4 Cross DIP TJ x TJ C250		
[-] 12x4 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x6 Cross DIP TJ x TJ C250		
[-] 12x6 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x8 Cross DIP TJ x TJ C250		
[-] 12x8 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x10 Cross DIP TJ x TJ C250		
[-] 12x10 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x12 Cross DIP TJ x TJ C250		
[-] 12x12 Cross DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] Reducers		
[-] 6x4 Reducer DIP TJ x TJ C250		
[-] 6x4 Reducer DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 6x4 Reducer DIP TJ x TJ C250		
[-] 6x4 Reducer DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		

Site Utility—Water Assemblies – Continued

Name	Description	Color
[-] 8x4 Reducer DIP TJ x TJ C250		
[-] 8x4 Reducer DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8x6 Reducer DIP TJ x TJ C250		
[-] 8x6 Reducer DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x4 Reducer DIP TJ x TJ C250		
[-] 10x4 Reducer DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x6 Reducer DIP TJ x TJ C250		
[-] 10x6 Reducer DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x8 Reducer DIP TJ x TJ C250		
[-] 10x8 Reducer DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x4 Reducer DIP TJ x TJ C250		
[-] 12x4 Reducer DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x6 Reducer DIP TJ x TJ C250		
[-] 12x6 Reducer DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x8 Reducer DIP TJ x TJ C250		
[-] 12x8 Reducer DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x10 Reducer DIP TJ x TJ C250		
[-] 12x10 Reducer DIP TJ x TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[+] Plugs and Caps		
[-] 4" DIP Cap TJ C250		
[-] 4" DIP Cap TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 6" DIP Cap TJ C250		
[-] 6" DIP Cap TJ C250		
[-] No Restraint		
[-] Fitting Installation Labor		

Site Utility—Water Assemblies – Continued

Name	Description	Color
[-] 8" DIP Cap TJ C250		
8" DIP Cap TJ C250		
No Restraint		
Fitting Installation Labor		
[-] 10" DIP Cap TJ C250		
10" DIP Cap TJ C250		
No Restraint		
Fitting Installation Labor		
[-] 12" DIP Cap TJ C250		
12" DIP Cap TJ C250		
No Restraint		
Fitting Installation Labor		
[-] 14" DIP Cap TJ C250		
14" DIP Cap TJ C250		
No Restraint		
Fitting Installation Labor		
[-] 16" DIP Cap TJ C250		
16" DIP Cap TJ C250		
No Restraint		
Fitting Installation Labor		
[-] 18" DIP Cap TJ C250		
18" DIP Cap TJ C250		
No Restraint		
Fitting Installation Labor		
[-] 20" DIP Cap TJ C250		
20" DIP Cap TJ C250		
No Restraint		
Fitting Installation Labor		
[-] 22" DIP Cap TJ C250		
22" DIP Cap TJ C250		
No Restraint		
Fitting Installation Labor		
[-] 24" DIP Cap TJ C250		
24" DIP Cap TJ C250		
No Restraint		
Fitting Installation Labor		

Site Utility—Fire Assemblies

Name	Description	Color
Fire		
Hydrants		
4-1/2" Main Valve Opening		
4.5" Main Valve 4-way Hydrant 1.50' Bury 6" MJ		
12x6 TEE DIP MJ x FL		
Valve Box and Lid		
6" Check Valve		
6" Double Disc Gate Valve		
4.5" Main Valve 4-way Hydrant 1.50' Bury 6"		
Hydrant Install Labor		
4.5" Main Valve 4-way Hydrant 1.50' Bury 4" MJ		
12x4 TEE DIP MJ x FL		
Valve Box and Lid		
4" Check Valve		
4" Double Disc Gate Valve		
4.5" Main Valve 4-way Hydrant 1.50' Bury 4" MJ		
Hydrant Install Labor		
5-1/4" Main Valve Opening		
5.25" Main Valve 4-way Hydrant 1.50' Bury 6" MJ		
12x6 TEE DIP MJ x FL		
Valve Box and Lid		
6" Check Valve		
6" Double Disc Gate Valve		
5.25" Main Valve 4-way Hydrant 1.50' Bury 6" MJ		
Hydrant Install Labor		
5.25" Main Valve 4-way Hydrant 1.50' Bury 4" MJ		
12x4 TEE DIP MJ x FL		
Valve Box and Lid		
4" Check Valve		
4" Double Disc Gate Valve		
5.25" Main Valve 4-way Hydrant 1.50' Bury 4" MJ		
Hydrant Install Labor		

Site Utility—Sewer Assemblies

Name	Description	Color
Sewer		
Pipe		
PVC		
4" PVC SDR 35 GKT	4" PVC SDR 35 GKT	
4" x 20' PVC SDR 35 GKT	4" x 20' PVC SDR 35	
Pipe Laying Labor		
6" PVC SDR 35 GKT	6" PVC SDR 35 GKT	
6" x 20' PVC SDR 35 GKT	6" x 20' PVC SDR 35	
Pipe Laying Labor		
8" PVC SDR 35 GKT	8" PVC SDR 35 GKT	
8" x 20' PVC SDR 35 GKT	8" x 20' PVC SDR 35	
Pipe Laying Labor		
10" PVC SDR 35 GKT	10" PVC SDR 35 GKT	
10" x 20' PVC SDR 35 GKT	10" x 20' PVC SDR 3	
Pipe Laying Labor		
12" PVC SDR 35 GKT	12" PVC SDR 35 GKT	
12" x 20' PVC SDR 35 GKT	12" x 20' PVC SDR 3	
Pipe Laying Labor		
15" PVC SDR 35 GKT	15" PVC SDR 35 GKT	
15" x 20' PVC SDR 35 GKT	15" x 20' PVC SDR 3	
Pipe Laying Labor		
16" PVC SDR 35 GKT	16" PVC SDR 35 GKT	
16" x 20' PVC SDR 35 GKT	16" x 20' PVC SDR 3	
Pipe Laying Labor		
18" PVC SDR 35 GKT	18" PVC SDR 35 GKT	
18" x 20' PVC SDR 35 GKT	18" x 20' PVC SDR 3	
Pipe Laying Labor		
21" PVC SDR 35 GKT	21" PVC SDR 35 GKT	
21" x 20' PVC SDR 35 GKT	21" x 20' PVC SDR 3	
Pipe Laying Labor		
24" PVC SDR 35 GKT	24" PVC SDR 35 GKT	
24" x 20' PVC SDR 35 GKT	24" x 20' PVC SDR 3	
Pipe Laying Labor		
27" PVC SDR 35 GKT	27" PVC SDR 35 GKT	
27" x 20' PVC SDR 35 GKT	27" x 20' PVC SDR 3	
Pipe Laying Labor		
30" PVC SDR 35 GKT	30" PVC SDR 35 GKT	
30" x 20' PVC SDR 35 GKT	30" x 20' PVC SDR 3	
Pipe Laying Labor		
36" PVC SDR 35 GKT	36" PVC SDR 35 GKT	
36" x 20' PVC SDR 35 GKT	36" x 20' PVC SDR 3	
Pipe Laying Labor		
42" PVC SDR 35 GKT	42" PVC SDR 35 GKT	
42" x 20' PVC SDR 35 GKT	42" x 20' PVC SDR 3	
Pipe Laying Labor		

Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
48" PVC SDR 35 GKT	48" PVC SDR 35 GKT	
48" x 20' PVC SDR 35 GKT	48" x 20' PVC SDR 35 GKT	
Pipe Laying Labor		
HDPE		
4" HDPE DR 21 C906 GKT	4" HDPE DR 21 C906 GKT	
4" x 40' HDPE DR 21 C906 GKT	4" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		
6" HDPE DR 21 C906 GKT	6" HDPE DR 21 C906 GKT	
6" x 40' HDPE DR 21 C906 GKT	6" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		
8" HDPE DR 21 C906 GKT	8" HDPE DR 21 C906 GKT	
8" x 40' HDPE DR 21 C906 GKT	8" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		
10" HDPE DR 21 C906 GKT	10" HDPE DR 21 C906 GKT	
10" x 40' HDPE DR 21 C906 GKT	10" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		
12" HDPE DR 21 C906 GKT	12" HDPE DR 21 C906 GKT	
12" x 40' HDPE DR 21 C906 GKT	12" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		
14" HDPE DR 21 C906 GKT	14" HDPE DR 21 C906 GKT	
14" x 40' HDPE DR 21 C906 GKT	14" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		
16" HDPE DR 21 C906 GKT	16" HDPE DR 21 C906 GKT	
16" x 40' HDPE DR 21 C906 GKT	16" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		
18" HDPE DR 21 C906 GKT	18" HDPE DR 21 C906 GKT	
18" x 40' HDPE DR 21 C906 GKT	18" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		
20" HDPE DR 21 C906 GKT	20" HDPE DR 21 C906 GKT	
20" x 40' HDPE DR 21 C906 GKT	20" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		
24" HDPE DR 21 C906 GKT	24" HDPE DR 21 C906 GKT	
24" x 40' HDPE DR 21 C906 GKT	24" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		
30" HDPE DR 21 C906 GKT	30" HDPE DR 21 C906 GKT	
30" x 40' HDPE DR 21 C906 GKT	30" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		
36" HDPE DR 21 C906 GKT	36" HDPE DR 21 C906 GKT	
36" x 40' HDPE DR 21 C906 GKT	36" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		
42" HDPE DR 21 C906 GKT	42" HDPE DR 21 C906 GKT	
42" x 40' HDPE DR 21 C906 GKT	42" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		
48" HDPE DR 21 C906 GKT	48" HDPE DR 21 C906 GKT	
48" x 40' HDPE DR 21 C906 GKT	48" x 40' HDPE DR 21 C906 GKT	
Pipe Laying Labor		

Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
[-] RCP		
[-] 12" RCP Class 3 GKT	12" RCP Class 3 GKT	
[-] 12" x 20' RCP Class 3 GKT	12" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 15" RCP Class 3 GKT	15" RCP Class 3 GKT	
[-] 15" x 20' RCP Class 3 GKT	15" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 18" RCP Class 3 GKT	18" RCP Class 3 GKT	
[-] 18" x 20' RCP Class 3 GKT	18" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 21" RCP Class 3 GKT	21" RCP Class 3 GKT	
[-] 21" x 20' RCP Class 3 GKT	21" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 24" RCP Class 3 GKT	24" RCP Class 3 GKT	
[-] 24" x 20' RCP Class 3 GKT	24" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 30" RCP Class 3 GKT	30" RCP Class 3 GKT	
[-] 30" x 20' RCP Class 3 GKT	30" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 36" RCP Class 3 GKT	36" RCP Class 3 GKT	
[-] 36" x 20' RCP Class 3 GKT	36" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 42" RCP Class 3 GKT	42" RCP Class 3 GKT	
[-] 42" x 20' RCP Class 3 GKT	42" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 48" RCP Class 3 GKT	48" RCP Class 3 GKT	
[-] 48" x 20' RCP Class 3 GKT	48" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 54" RCP Class 3 GKT	54" RCP Class 3 GKT	
[-] 54" x 20' RCP Class 3 GKT	54" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 60" RCP Class 3 GKT	60" RCP Class 3 GKT	
[-] 60" x 20' RCP Class 3 GKT	60" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 72" RCP Class 3 GKT	72" RCP Class 3 GKT	
[-] 72" x 20' RCP Class 3 GKT	72" x 20' RCP Class	
[-] Pipe Laying Labor		













Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
Manholes		
48" Manhole		
48" Dia. x 36" H Round Base		
48" Dia. x 24" H Round Riser		
48" Dia. Cone Roof w/ 24" Concentric Opening		
24" x 3" Grade Ring		
24" Ring and Cover		
Manhole Installation Labor		
54" Manhole		
54" Dia. x 36" H Round Base		
54" Dia. x 24" H Round Riser		
54" Dia. Cone Roof w/ 24" Concentric Opening		
24" x 3" Grade Ring		
24" Ring and Cover		
Manhole Installation Labor		
60" Manhole		
60" Dia. x 36" H Round Base		
60" Dia. x 24" H Round Riser		
60" Dia. Cone Roof w/ 24" Concentric Opening		
24" x 3" Grade Ring		
24" Ring and Cover		
Manhole Installation Labor		
72" Manhole		
72" Dia. x 36" H Round Base		
72" Dia. x 24" H Round Riser		
72" Dia. Cone Roof w/ 24" Concentric Opening		
24" x 3" Grade Ring		
24" Ring and Cover		
Manhole Installation Labor		
84" Manhole		
84" Dia. x 36" H Round Base		
84" Dia. x 24" H Round Riser		
84" Dia. Cone Roof w/ 24" Concentric Opening		
24" x 3" Grade Ring		
24" Ring and Cover		
Manhole Installation Labor		
96" Manhole		
96" Dia. x 36" H Round Base		
96" Dia. x 24" H Round Riser		
96" Dia. Cone Roof w/ 24" Concentric Opening		
24" x 3" Grade Ring		
24" Ring and Cover		
Manhole Installation Labor		

Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
[-] Fittings		Black
[-] PVC		Black
[-] Elbows		Black
[-] 5-5/8 Deg. Elbow		Black
[-] 4" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		Dark Red
5-5/8 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
[-] 6" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		Cyan
5-5/8 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
[-] 8" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		Magenta
5-5/8 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
[-] 10" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		Blue
5-5/8 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
[-] 12" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		Yellow
5-5/8 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
[-] 14" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		Green
5-5/8 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
[-] 16" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		Red
5-5/8 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
[-] 11-1/4 Deg. Elbow		Black
[-] 4" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		Light Green
11-1/4 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
[-] 6" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		Red
11-1/4 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
[-] 8" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		Teal
11-1/4 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		

Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
10" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		
11-1/4 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		
11-1/4 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		
11-1/4 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		
11-1/4 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
22-1/2 Deg. Elbow		
4" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		
22-1/2 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		
22-1/2 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		
22-1/2 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		
22-1/2 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		
22-1/2 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		
22-1/2 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		
22-1/2 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		

Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
30 Deg. Elbow		
4" 30 Deg. Elbow SOC x SOC PVC SDR 35		
30 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 30 Deg. Elbow SOC x SOC PVC SDR 35		
30 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 30 Deg. Elbow SOC x SOC PVC SDR 35		
30 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 30 Deg. Elbow SOC x SOC PVC SDR 35		
30 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 30 Deg. Elbow SOC x SOC PVC SDR 35		
30 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 30 Deg. Elbow SOC x SOC PVC SDR 35		
30 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 30 Deg. Elbow SOC x SOC PVC SDR 35		
30 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
45 Deg. Elbow		
4" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		




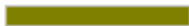







Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
12" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
60 Deg. Elbow		
4" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		

Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
90 Deg. Elbow		
4" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
Wyes		
4x4 WYE PVC SOC x SOC SDR 35		
4x4 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
6x4 WYE PVC SOC x SOC SDR 35		
6x4 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
6x6 WYE PVC SOC x SOC SDR 35		
6x6 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
8x4 WYE PVC SOC x SOC SDR 35		
8x4 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		













Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
8x6 WYE PVC SOC x SOC SDR 35		
8x6 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
8x8 WYE PVC SOC x SOC SDR 35		
8x8 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
10x4 WYE PVC SOC x SOC SDR 35		
10x4 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
10x6 WYE PVC SOC x SOC SDR 35		
10x6 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
10x8 WYE PVC SOC x SOC SDR 35		
10x8 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
10x10 WYE PVC SOC x SOC SDR 35		
10x10 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x4 WYE PVC SOC x SOC SDR 35		
12x4 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x6 WYE PVC SOC x SOC SDR 35		
12x6 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x8 WYE PVC SOC x SOC SDR 35		
12x8 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x10 WYE PVC SOC x SOC SDR 35		
12x10 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x12 WYE PVC SOC x SOC SDR 35		
12x12 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		













Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
[-] Tees		
[-] 4x4 TEE PVC SOC x SOC SDR 35		
[-] 4x4 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 6x4 TEE PVC SOC x SOC SDR 35		
[-] 6x4 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 6x6 TEE PVC SOC x SOC SDR 35		
[-] 6x6 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8x4 TEE PVC SOC x SOC SDR 35		
[-] 8x4 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8x6 TEE PVC SOC x SOC SDR 35		
[-] 8x6 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8x8 TEE PVC SOC x SOC SDR 35		
[-] 8x8 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x4 TEE PVC SOC x SOC SDR 35		
[-] 10x4 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x6 TEE PVC SOC x SOC SDR 35		
[-] 10x6 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x8 TEE PVC SOC x SOC SDR 35		
[-] 10x8 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x10 TEE PVC SOC x SOC SDR 35		
[-] 10x10 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x4 TEE PVC SOC x SOC SDR 35		
[-] 12x4 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		

Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
12x6 TEE PVC SOC x SOC SDR 35		
12x6 TEE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x8 TEE PVC SOC x SOC SDR 35		
12x8 TEE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x10 TEE PVC SOC x SOC SDR 35		
12x10 TEE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x12 TEE PVC SOC x SOC SDR 35		
12x12 TEE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
Crosses		
4x4 Cross PVC SOC x SOC SDR 35		
4x4 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
6x4 Cross PVC SOC x SOC SDR 35		
6x4 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
6x6 Cross PVC SOC x SOC SDR 35		
6x6 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
8x4 Cross PVC SOC x SOC SDR 35		
8x4 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
8x6 Cross PVC SOC x SOC SDR 35		
8x6 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
8x8 Cross PVC SOC x SOC SDR 35		
8x8 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
10x4 Cross PVC SOC x SOC SDR 35		
10x4 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		

Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
[-] 10x6 Cross PVC SOC x SOC SDR 35		
[-] 10x6 Cross PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x8 Cross PVC SOC x SOC SDR 35		
[-] 10x8 Cross PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x10 Cross PVC SOC x SOC SDR 35		
[-] 10x10 Cross PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x4 Cross PVC SOC x SOC SDR 35		
[-] 12x4 Cross PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x6 Cross PVC SOC x SOC SDR 35		
[-] 12x6 Cross PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x8 Cross PVC SOC x SOC SDR 35		
[-] 12x8 Cross PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x10 Cross PVC SOC x SOC SDR 35		
[-] 12x10 Cross PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x12 Cross PVC SOC x SOC SDR 35		
[-] 12x12 Cross PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[+] Reducers		
[-] 6x4 Reducer PVC SOC x SOC SDR 35		
[-] 6x4 Reducer PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8x4 Reducer PVC SOC x SOC SDR 35		
[-] 8x4 Reducer PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8x6 Reducer PVC SOC x SOC SDR 35		
[-] 8x6 Reducer PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		

Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
[-] 10x4 Reducer PVC SOC x SOC SDR 35		
[-] 10x4 Reducer PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x6 Reducer PVC SOC x SOC SDR 35		
[-] 10x6 Reducer PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x8 Reducer PVC SOC x SOC SDR 35		
[-] 10x8 Reducer PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x4 Reducer PVC SOC x SOC SDR 35		
[-] 12x4 Reducer PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x6 Reducer PVC SOC x SOC SDR 35		
[-] 12x6 Reducer PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x8 Reducer PVC SOC x SOC SDR 35		
[-] 12x8 Reducer PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x10 Reducer PVC SOC x SOC SDR 35		
[-] 12x10 Reducer PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[+] Plugs and Caps		
[-] 4" PVC Cap SOC SDR 35		
[-] 4" PVC Cap SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 6" PVC Cap SOC SDR 35		
[-] 6" PVC Cap SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 8" PVC Cap SOC SDR 35		
[-] 8" PVC Cap SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10" PVC Cap SOC SDR 35		
[-] 10" PVC Cap SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		

Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
[-] 12" PVC Cap SOC SDR 35		Yellow
12" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 14" PVC Cap SOC SDR 35		Green
14" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 16" PVC Cap SOC SDR 35		Red
16" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 18" PVC Cap SOC SDR 35		Teal
18" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 20" PVC Cap SOC SDR 35		Purple
20" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 22" PVC Cap SOC SDR 35		Dark Blue
22" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 24" PVC Cap SOC SDR 35		Olive Green
24" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[+] Cleanouts		Black
[-] 4" Sewer Cleanout		Green
4" Sewer Cleanout		
Cleanout Install Labor		
[-] 6" Sewer Cleanout		Red
6" Sewer Cleanout		
Cleanout Install Labor		
[-] 8" Sewer Cleanout		Teal
8" Sewer Cleanout		
Cleanout Install Labor		
[-] 10" Sewer Cleanout		Purple
10" Sewer Cleanout		
Cleanout Install Labor		
[-] 12" Sewer Cleanout		Dark Blue
12" Sewer Cleanout		
Cleanout Install Labor		



Site Utility—Sewer Assemblies -- Continued

Name	Description	Color
14" Sewer Cleanout		
14" Sewer Cleanout		
Cleanout Install Labor		
16" Sewer Cleanout		
16" Sewer Cleanout		
Cleanout Install Labor		

Site Utility—Drainage

Name	Description	Color
Drainage		
Pipe		
PVC		
4" PVC SDR 35 GKT	4" PVC SDR 35 GKT	
4" x 20' PVC SDR 35 GKT	4" x 20' PVC SDR 35	
Pipe Laying Labor		
6" PVC SDR 35 GKT	6" PVC SDR 35 GKT	
6" x 20' PVC SDR 35 GKT	6" x 20' PVC SDR 35	
Pipe Laying Labor		
8" PVC SDR 35 GKT	8" PVC SDR 35 GKT	
8" x 20' PVC SDR 35 GKT	8" x 20' PVC SDR 35	
Pipe Laying Labor		
10" PVC SDR 35 GKT	10" PVC SDR 35 GKT	
10" x 20' PVC SDR 35 GKT	10" x 20' PVC SDR 3	
Pipe Laying Labor		
12" PVC SDR 35 GKT	12" PVC SDR 35 GKT	
12" x 20' PVC SDR 35 GKT	12" x 20' PVC SDR 3	
Pipe Laying Labor		
15" PVC SDR 35 GKT	15" PVC SDR 35 GKT	
15" x 20' PVC SDR 35 GKT	15" x 20' PVC SDR 3	
Pipe Laying Labor		
16" PVC SDR 35 GKT	16" PVC SDR 35 GKT	
16" x 20' PVC SDR 35 GKT	16" x 20' PVC SDR 3	
Pipe Laying Labor		
18" PVC SDR 35 GKT	18" PVC SDR 35 GKT	
18" x 20' PVC SDR 35 GKT	18" x 20' PVC SDR 3	
Pipe Laying Labor		
21" PVC SDR 35 GKT	21" PVC SDR 35 GKT	
21" x 20' PVC SDR 35 GKT	21" x 20' PVC SDR 3	
Pipe Laying Labor		
24" PVC SDR 35 GKT	24" PVC SDR 35 GKT	
24" x 20' PVC SDR 35 GKT	24" x 20' PVC SDR 3	
Pipe Laying Labor		
27" PVC SDR 35 GKT	27" PVC SDR 35 GKT	
27" x 20' PVC SDR 35 GKT	27" x 20' PVC SDR 3	
Pipe Laying Labor		
30" PVC SDR 35 GKT	30" PVC SDR 35 GKT	
30" x 20' PVC SDR 35 GKT	30" x 20' PVC SDR 3	
Pipe Laying Labor		
36" PVC SDR 35 GKT	36" PVC SDR 35 GKT	
36" x 20' PVC SDR 35 GKT	36" x 20' PVC SDR 3	
Pipe Laying Labor		
42" PVC SDR 35 GKT	42" PVC SDR 35 GKT	
42" x 20' PVC SDR 35 GKT	42" x 20' PVC SDR 3	
Pipe Laying Labor		

Site Utility—Drainage – Continued

Name	Description	Color
48" PVC SDR 35 GKT	48" PVC SDR 35 GKT	
48" x 20' PVC SDR 35 GKT	48" x 20' PVC SDR 3	
Pipe Laying Labor		
HDPE		
4" HDPE DR 21 C906 GKT	4" HDPE DR 21 C906	
4" x 40' HDPE DR 21 C906 GKT	4" x 40' HDPE DR 21	
Pipe Laying Labor		
6" HDPE DR 21 C906 GKT	6" HDPE DR 21 C906	
6" x 40' HDPE DR 21 C906 GKT	6" x 40' HDPE DR 21	
Pipe Laying Labor		
8" HDPE DR 21 C906 GKT	8" HDPE DR 21 C906	
8" x 40' HDPE DR 21 C906 GKT	8" x 40' HDPE DR 21	
Pipe Laying Labor		
10" HDPE DR 21 C906 GKT	10" HDPE DR 21 C906	
10" x 40' HDPE DR 21 C906 GKT	10" x 40' HDPE DR 21	
Pipe Laying Labor		
12" HDPE DR 21 C906 GKT	12" HDPE DR 21 C906	
12" x 40' HDPE DR 21 C906 GKT	12" x 40' HDPE DR 21	
Pipe Laying Labor		
14" HDPE DR 21 C906 GKT	14" HDPE DR 21 C906	
14" x 40' HDPE DR 21 C906 GKT	14" x 40' HDPE DR 21	
Pipe Laying Labor		
16" HDPE DR 21 C906 GKT	16" HDPE DR 21 C906	
16" x 40' HDPE DR 21 C906 GKT	16" x 40' HDPE DR 21	
Pipe Laying Labor		
18" HDPE DR 21 C906 GKT	18" HDPE DR 21 C906	
18" x 40' HDPE DR 21 C906 GKT	18" x 40' HDPE DR 21	
Pipe Laying Labor		
20" HDPE DR 21 C906 GKT	20" HDPE DR 21 C906	
20" x 40' HDPE DR 21 C906 GKT	20" x 40' HDPE DR 21	
Pipe Laying Labor		
24" HDPE DR 21 C906 GKT	24" HDPE DR 21 C906	
24" x 40' HDPE DR 21 C906 GKT	24" x 40' HDPE DR 21	
Pipe Laying Labor		
30" HDPE DR 21 C906 GKT	30" HDPE DR 21 C906	
30" x 40' HDPE DR 21 C906 GKT	30" x 40' HDPE DR 21	
Pipe Laying Labor		
36" HDPE DR 21 C906 GKT	36" HDPE DR 21 C906	
36" x 40' HDPE DR 21 C906 GKT	36" x 40' HDPE DR 21	
Pipe Laying Labor		
42" HDPE DR 21 C906 GKT	42" HDPE DR 21 C906	
42" x 40' HDPE DR 21 C906 GKT	42" x 40' HDPE DR 21	
Pipe Laying Labor		
48" HDPE DR 21 C906 GKT	48" HDPE DR 21 C906	
48" x 40' HDPE DR 21 C906 GKT	48" x 40' HDPE DR 21	
Pipe Laying Labor		

Site Utility—Drainage – Continued

Name	Description	Color
[-] N12 HDPE		
[-] 4" HDPE DR 21 C906 GKT	4" HDPE DR 21 C906	
[-] 4" x 40' HDPE DR 21 C906 GKT	4" x 40' HDPE DR 21	
[-] Pipe Laying Labor		
[-] 6" HDPE DR 21 C906 GKT	6" HDPE DR 21 C906	
[-] 6" x 40' HDPE DR 21 C906 GKT	6" x 40' HDPE DR 21	
[-] Pipe Laying Labor		
[-] 8" HDPE DR 21 C906 GKT	8" HDPE DR 21 C906	
[-] 8" x 40' HDPE DR 21 C906 GKT	8" x 40' HDPE DR 21	
[-] Pipe Laying Labor		
[-] 10" HDPE DR 21 C906 GKT	10" HDPE DR 21 C906	
[-] 10" x 40' HDPE DR 21 C906 GKT	10" x 40' HDPE DR 21	
[-] Pipe Laying Labor		
[-] 12" HDPE DR 21 C906 GKT	12" HDPE DR 21 C906	
[-] 12" x 40' HDPE DR 21 C906 GKT	12" x 40' HDPE DR 21	
[-] Pipe Laying Labor		
[-] 14" HDPE DR 21 C906 GKT	14" HDPE DR 21 C906	
[-] 14" x 40' HDPE DR 21 C906 GKT	14" x 40' HDPE DR 21	
[-] Pipe Laying Labor		
[-] 16" HDPE DR 21 C906 GKT	16" HDPE DR 21 C906	
[-] 16" x 40' HDPE DR 21 C906 GKT	16" x 40' HDPE DR 21	
[-] Pipe Laying Labor		
[-] 18" HDPE DR 21 C906 GKT	18" HDPE DR 21 C906	
[-] 18" x 40' HDPE DR 21 C906 GKT	18" x 40' HDPE DR 21	
[-] Pipe Laying Labor		
[-] 20" HDPE DR 21 C906 GKT	20" HDPE DR 21 C906	
[-] 20" x 40' HDPE DR 21 C906 GKT	20" x 40' HDPE DR 21	
[-] Pipe Laying Labor		
[-] 24" HDPE DR 21 C906 GKT	24" HDPE DR 21 C906	
[-] 24" x 40' HDPE DR 21 C906 GKT	24" x 40' HDPE DR 21	
[-] Pipe Laying Labor		
[-] 30" HDPE DR 21 C906 GKT	30" HDPE DR 21 C906	
[-] 30" x 40' HDPE DR 21 C906 GKT	30" x 40' HDPE DR 21	
[-] Pipe Laying Labor		
[-] 36" HDPE DR 21 C906 GKT	36" HDPE DR 21 C906	
[-] 36" x 40' HDPE DR 21 C906 GKT	36" x 40' HDPE DR 21	
[-] Pipe Laying Labor		
[-] 42" HDPE DR 21 C906 GKT	42" HDPE DR 21 C906	
[-] 42" x 40' HDPE DR 21 C906 GKT	42" x 40' HDPE DR 21	
[-] Pipe Laying Labor		
[-] 48" HDPE DR 21 C906 GKT	48" HDPE DR 21 C906	
[-] 48" x 40' HDPE DR 21 C906 GKT	48" x 40' HDPE DR 21	
[-] Pipe Laying Labor		

Site Utility—Drainage – Continued

Name	Description	Color
[-] RCP		
[-] 12" RCP Class 3 GKT	12" RCP Class 3 GKT	
[-] 12" x 20' RCP Class 3 GKT	12" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 15" RCP Class 3 GKT	15" RCP Class 3 GKT	
[-] 15" x 20' RCP Class 3 GKT	15" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 18" RCP Class 3 GKT	18" RCP Class 3 GKT	
[-] 18" x 20' RCP Class 3 GKT	18" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 21" RCP Class 3 GKT	21" RCP Class 3 GKT	
[-] 21" x 20' RCP Class 3 GKT	21" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 24" RCP Class 3 GKT	24" RCP Class 3 GKT	
[-] 24" x 20' RCP Class 3 GKT	24" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 30" RCP Class 3 GKT	30" RCP Class 3 GKT	
[-] 30" x 20' RCP Class 3 GKT	30" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 36" RCP Class 3 GKT	36" RCP Class 3 GKT	
[-] 36" x 20' RCP Class 3 GKT	36" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 42" RCP Class 3 GKT	42" RCP Class 3 GKT	
[-] 42" x 20' RCP Class 3 GKT	42" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 48" RCP Class 3 GKT	48" RCP Class 3 GKT	
[-] 48" x 20' RCP Class 3 GKT	48" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 54" RCP Class 3 GKT	54" RCP Class 3 GKT	
[-] 54" x 20' RCP Class 3 GKT	54" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 60" RCP Class 3 GKT	60" RCP Class 3 GKT	
[-] 60" x 20' RCP Class 3 GKT	60" x 20' RCP Class	
[-] Pipe Laying Labor		
[-] 72" RCP Class 3 GKT	72" RCP Class 3 GKT	
[-] 72" x 20' RCP Class 3 GKT	72" x 20' RCP Class	
[-] Pipe Laying Labor		

















Site Utility—Drainage – Continued

Name	Description	Color
[-] CMP (Corr. Metal)		
[-] 12" CMP 10ga CPLG	12" CMP 10ga CPLG	
[-] 12" x 20' CMP 10ga CPLG	12" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 15" CMP 10ga CPLG	15" CMP 10ga CPLG	
[-] 15" x 20' CMP 10ga CPLG	15" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 18" CMP 10ga CPLG	18" CMP 10ga CPLG	
[-] 18" x 20' CMP 10ga CPLG	18" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 21" CMP 10ga CPLG	21" CMP 10ga CPLG	
[-] 21" x 20' CMP 10ga CPLG	21" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 24" CMP 10ga CPLG	24" CMP 10ga CPLG	
[-] 24" x 20' CMP 10ga CPLG	24" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 30" CMP 10ga CPLG	30" CMP 10ga CPLG	
[-] 30" x 20' CMP 10ga CPLG	30" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 36" CMP 10ga CPLG	36" CMP 10ga CPLG	
[-] 36" x 20' CMP 10ga CPLG	36" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 42" CMP 10ga CPLG	42" CMP 10ga CPLG	
[-] 42" x 20' CMP 10ga CPLG	42" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 48" CMP 10ga CPLG	48" CMP 10ga CPLG	
[-] 48" x 20' CMP 10ga CPLG	48" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 54" CMP 10ga CPLG	54" CMP 10ga CPLG	
[-] 54" x 20' CMP 10ga CPLG	54" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 60" CMP 10ga CPLG	60" CMP 10ga CPLG	
[-] 60" x 20' CMP 10ga CPLG	60" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 66" CMP 10ga CPLG	66" CMP 10ga CPLG	
[-] 66" x 20' CMP 10ga CPLG	66" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 72" CMP 10ga CPLG	72" CMP 10ga CPLG	
[-] 72" x 20' CMP 10ga CPLG	72" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 84" CMP 10ga CPLG	84" CMP 10ga CPLG	
[-] 84" x 20' CMP 10ga CPLG	84" x 20' CMP 10ga	
[-] Pipe Laying Labor		
[-] 96" CMP 10ga CPLG	96" CMP 10ga CPLG	
[-] 96" x 20' CMP 10ga CPLG	96" x 20' CMP 10ga	
[-] Pipe Laying Labor		














Site Utility—Drainage – Continued

Name	Description	Color
102" CMP 10ga CPLG	102" CMP 10ga CPLG	
102" x 20' CMP 10ga CPLG	102" x 20' CMP 10ga CPLG	
Pipe Laying Labor		
108" CMP 10ga CPLG	108" CMP 10ga CPLG	
108" x 20' CMP 10ga CPLG	108" x 20' CMP 10ga CPLG	
Pipe Laying Labor		
114" CMP 10ga CPLG	114" CMP 10ga CPLG	
114" x 20' CMP 10ga CPLG	114" x 20' CMP 10ga CPLG	
Pipe Laying Labor		
120" CMP 10ga CPLG	120" CMP 10ga CPLG	
120" x 20' CMP 10ga CPLG	120" x 20' CMP 10ga CPLG	
Pipe Laying Labor		
126" CMP 10ga CPLG	126" CMP 10ga CPLG	
126" x 20' CMP 10ga CPLG	126" x 20' CMP 10ga CPLG	
Pipe Laying Labor		
132" CMP 10ga CPLG	132" CMP 10ga CPLG	
132" x 20' CMP 10ga CPLG	132" x 20' CMP 10ga CPLG	
Pipe Laying Labor		
138" CMP 10ga CPLG	138" CMP 10ga CPLG	
138" x 20' CMP 10ga CPLG	138" x 20' CMP 10ga CPLG	
Pipe Laying Labor		
144" CMP 10ga CPLG	144" CMP 10ga CPLG	
144" x 20' CMP 10ga CPLG	144" x 20' CMP 10ga CPLG	
Pipe Laying Labor		
CPE (Corr. Plastic)		
4" DIP Dual Wall IBJ	4" DIP Dual Wall IBJ	
4" x 20' DIP Dual Wall IBJ	4" x 20' DIP Dual Wall IBJ	
Pipe Laying Labor		
6" DIP Dual Wall IBJ	6" DIP Dual Wall IBJ	
6" x 20' DIP Dual Wall IBJ	6" x 20' DIP Dual Wall IBJ	
Pipe Laying Labor		
8" DIP Dual Wall IBJ	8" DIP Dual Wall IBJ	
8" x 20' DIP Dual Wall IBJ	8" x 20' DIP Dual Wall IBJ	
Pipe Laying Labor		
10" DIP Dual Wall IBJ	10" DIP Dual Wall IBJ	
10" x 20' DIP Dual Wall IBJ	10" x 20' DIP Dual Wall IBJ	
Pipe Laying Labor		
12" DIP Dual Wall IBJ	12" DIP Dual Wall IBJ	
12" x 20' DIP Dual Wall IBJ	12" x 20' DIP Dual Wall IBJ	
Pipe Laying Labor		
15" DIP Dual Wall IBJ	15" DIP Dual Wall IBJ	
15" x 20' DIP Dual Wall IBJ	15" x 20' DIP Dual Wall IBJ	
Pipe Laying Labor		
18" DIP Dual Wall IBJ	18" DIP Dual Wall IBJ	
18" x 20' DIP Dual Wall IBJ	18" x 20' DIP Dual Wall IBJ	
Pipe Laying Labor		

Site Utility—Drainage – Continued

Name	Description	Color
24" DIP Dual Wall IBJ	24" DIP Dual Wall IB	
24" x 20' DIP Dual Wall IBJ	24" x 20' DIP Dual V	
Pipe Laying Labor		
30" DIP Dual Wall IBJ	30" DIP Dual Wall IB	
30" x 20' DIP Dual Wall IBJ	30" x 20' DIP Dual V	
Pipe Laying Labor		
36" DIP Dual Wall IBJ	36" DIP Dual Wall IB	
36" x 20' DIP Dual Wall IBJ	36" x 20' DIP Dual V	
Pipe Laying Labor		
42" DIP Dual Wall IBJ	42" DIP Dual Wall IB	
42" x 20' DIP Dual Wall IBJ	42" x 20' DIP Dual V	
Pipe Laying Labor		
48" DIP Dual Wall IBJ	48" DIP Dual Wall IB	
48" x 20' DIP Dual Wall IBJ	48" x 20' DIP Dual V	
Pipe Laying Labor		
60" DIP Dual Wall IBJ	60" DIP Dual Wall IB	
60" x 20' DIP Dual Wall IBJ	60" x 20' DIP Dual V	
Pipe Laying Labor		
Fittings		
PVC		
Elbows		
5-5/8 Deg. Elbow		
4" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		
5-5/8 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
6" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		
5-5/8 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		
5-5/8 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		
5-5/8 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		
5-5/8 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		
5-5/8 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		

Site Utility—Drainage – Continued

Name	Description	Color
16" 5-5/8 Deg. Elbow SOC x SOC PVC SDR 35		
5-5/8 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
11-1/4 Deg. Elbow		
4" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		
11-1/4 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		
11-1/4 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		
11-1/4 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		
11-1/4 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		
11-1/4 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		
11-1/4 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 11-1/4 Deg. Elbow SOC x SOC PVC SDR 35		
11-1/4 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
22-1/2 Deg. Elbow		
4" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		
22-1/2 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		
22-1/2 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		
22-1/2 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		

Site Utility—Drainage – Continued

Name	Description	Color
10" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		Yellow
22-1/2 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		Light Green
22-1/2 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		Red
22-1/2 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 22-1/2 Deg. Elbow SOC x SOC PVC SDR 35		Teal
22-1/2 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
30 Deg. Elbow		Black
4" 30 Deg. Elbow SOC x SOC PVC SDR 35		Red
30 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 30 Deg. Elbow SOC x SOC PVC SDR 35		Teal
30 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 30 Deg. Elbow SOC x SOC PVC SDR 35		Purple
30 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 30 Deg. Elbow SOC x SOC PVC SDR 35		Dark Blue
30 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 30 Deg. Elbow SOC x SOC PVC SDR 35		Olive Green
30 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 30 Deg. Elbow SOC x SOC PVC SDR 35		Green
30 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 30 Deg. Elbow SOC x SOC PVC SDR 35		Dark Red
30 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		

Site Utility—Drainage – Continued

Name	Description	Color
45 Deg. Elbow		
4" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 45 Deg. Elbow SOC x SOC PVC SDR 35		
45 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
60 Deg. Elbow		
4" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		













Site Utility—Drainage – Continued

Name	Description	Color
12" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 60 Deg. Elbow SOC x SOC PVC SDR 35		
60 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
90 Deg. Elbow		
4" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
6" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
No Restraint		
Fitting Installation Labor		
8" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
10" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
12" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
14" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		
16" 90 Deg. Elbow SOC x SOC PVC SDR 35		
90 Deg. SOC x SOC PVC Bend		
Fitting Installation Labor		
No Restraint		













Site Utility—Drainage – Continued

Name	Description	Color
Wyes		
4x4 WYE PVC SOC x SOC SDR 35		
4x4 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
6x4 WYE PVC SOC x SOC SDR 35		
6x4 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
6x6 WYE PVC SOC x SOC SDR 35		
6x6 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
8x4 WYE PVC SOC x SOC SDR 35		
8x4 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
8x6 WYE PVC SOC x SOC SDR 35		
8x6 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
8x8 WYE PVC SOC x SOC SDR 35		
8x8 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
10x4 WYE PVC SOC x SOC SDR 35		
10x4 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
10x6 WYE PVC SOC x SOC SDR 35		
10x6 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
10x8 WYE PVC SOC x SOC SDR 35		
10x8 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
10x10 WYE PVC SOC x SOC SDR 35		
10x10 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x4 WYE PVC SOC x SOC SDR 35		
12x4 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		












Site Utility—Drainage – Continued

Name	Description	Color
12x6 WYE PVC SOC x SOC SDR 35		
12x6 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x8 WYE PVC SOC x SOC SDR 35		
12x8 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x10 WYE PVC SOC x SOC SDR 35		
12x10 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x12 WYE PVC SOC x SOC SDR 35		
12x12 WYE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
Tees		
4x4 TEE PVC SOC x SOC SDR 35		
4x4 TEE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
6x4 TEE PVC SOC x SOC SDR 35		
6x4 TEE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
6x6 TEE PVC SOC x SOC SDR 35		
6x6 TEE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
8x4 TEE PVC SOC x SOC SDR 35		
8x4 TEE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
8x6 TEE PVC SOC x SOC SDR 35		
8x6 TEE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
8x8 TEE PVC SOC x SOC SDR 35		
8x8 TEE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
10x4 TEE PVC SOC x SOC SDR 35		
10x4 TEE PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		

Site Utility—Drainage – Continued

Name	Description	Color
[-] 10x6 TEE PVC SOC x SOC SDR 35		
[-] 10x6 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x8 TEE PVC SOC x SOC SDR 35		
[-] 10x8 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 10x10 TEE PVC SOC x SOC SDR 35		
[-] 10x10 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x4 TEE PVC SOC x SOC SDR 35		
[-] 12x4 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x6 TEE PVC SOC x SOC SDR 35		
[-] 12x6 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x8 TEE PVC SOC x SOC SDR 35		
[-] 12x8 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x10 TEE PVC SOC x SOC SDR 35		
[-] 12x10 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 12x12 TEE PVC SOC x SOC SDR 35		
[-] 12x12 TEE PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[+] Crosses		
[-] 4x4 Cross PVC SOC x SOC SDR 35		
[-] 4x4 Cross PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 6x4 Cross PVC SOC x SOC SDR 35		
[-] 6x4 Cross PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		
[-] 6x6 Cross PVC SOC x SOC SDR 35		
[-] 6x6 Cross PVC SOC x SOC SDR 35		
[-] No Restraint		
[-] Fitting Installation Labor		

Site Utility—Drainage – Continued

Name	Description	Color
[-] 8x4 Cross PVC SOC x SOC SDR 35		
8x4 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 8x6 Cross PVC SOC x SOC SDR 35		
8x6 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 8x8 Cross PVC SOC x SOC SDR 35		
8x8 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 10x4 Cross PVC SOC x SOC SDR 35		
10x4 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 10x6 Cross PVC SOC x SOC SDR 35		
10x6 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 10x8 Cross PVC SOC x SOC SDR 35		
10x8 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 10x10 Cross PVC SOC x SOC SDR 35		
10x10 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 12x4 Cross PVC SOC x SOC SDR 35		
12x4 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 12x6 Cross PVC SOC x SOC SDR 35		
12x6 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 12x8 Cross PVC SOC x SOC SDR 35		
12x8 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 12x10 Cross PVC SOC x SOC SDR 35		
12x10 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		

Site Utility—Drainage – Continued

Name	Description	Color
12x12 Cross PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
Reducers		Black
6x4 Reducer PVC SOC x SOC SDR 35		Magenta
6x4 Reducer PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
8x4 Reducer PVC SOC x SOC SDR 35		Blue
8x4 Reducer PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
8x6 Reducer PVC SOC x SOC SDR 35		Yellow
8x6 Reducer PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
10x4 Reducer PVC SOC x SOC SDR 35		Light Green
10x4 Reducer PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
10x6 Reducer PVC SOC x SOC SDR 35		Red
10x6 Reducer PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
10x8 Reducer PVC SOC x SOC SDR 35		Teal
10x8 Reducer PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x4 Reducer PVC SOC x SOC SDR 35		Purple
12x4 Reducer PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x6 Reducer PVC SOC x SOC SDR 35		Dark Blue
12x6 Reducer PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x8 Reducer PVC SOC x SOC SDR 35		Olive Green
12x8 Reducer PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		
12x10 Reducer PVC SOC x SOC SDR 35		Dark Green
12x10 Reducer PVC SOC x SOC SDR 35		
No Restraint		
Fitting Installation Labor		

Site Utility—Drainage – Continued

Name	Description	Color
[-] Plugs and Caps		
[-] 4" PVC Cap SOC SDR 35		
4" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 6" PVC Cap SOC SDR 35		
6" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 8" PVC Cap SOC SDR 35		
8" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 10" PVC Cap SOC SDR 35		
10" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 12" PVC Cap SOC SDR 35		
12" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 14" PVC Cap SOC SDR 35		
14" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 16" PVC Cap SOC SDR 35		
16" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 18" PVC Cap SOC SDR 35		
18" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 20" PVC Cap SOC SDR 35		
20" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 22" PVC Cap SOC SDR 35		
22" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		
[-] 24" PVC Cap SOC SDR 35		
24" PVC Cap SOC SDR 35		
No Restraint		
Fitting Installation Labor		

Site Utility—Drainage – Continued

Name	Description	Color
[-] Catch Basins and Inlets		Black
[-] Round Catch Basins		Black
[-] 12" Standard Inline Drain Basin		Green
[-] 12" Standard Inline Drain Basin		
[-] Catch Basin Install Labor		
[-] 24" Standard Inline Drain Basin		Dark Red
[-] 24" Standard Inline Drain Basin		
[-] Catch Basin Install Labor		
[-] 36" Standard Inline Drain Basin		Cyan
[-] 36" Standard Inline Drain Basin		
[-] Catch Basin Install Labor		
[-] 48" Standard Inline Drain Basin		Magenta
[-] 48" Standard Inline Drain Basin		
[-] Catch Basin Install Labor		
[-] Rectangular Catch Basins		Black
[-] 10" x 10" X 12" Catch Basin		Teal
[-] 10" x 10" X 12" Catch Basin		
[-] Catch Basin Install Labor		
[-] 12" x 12" X 12" Catch Basin		Purple
[-] 12" x 12" X 12" Catch Basin		
[-] Catch Basin Install Labor		
[-] 18" x 18" X 12" Catch Basin		Blue
[-] 18" x 18" X 12" Catch Basin		
[-] Catch Basin Install Labor		
[-] 24" x 36" X 12" Catch Basin		Olive Green
[-] 24" x 36" X 12" Catch Basin		
[-] Catch Basin Install Labor		
[-] Rectangular Dainage Inlets		Black
[-] 10" x 10" X 24" Drainage Inlet		Yellow
[-] 10" x 10" X 24" Drainage Inlet		
[-] Catch Basin Install Labor		
[-] 12" x 12" X 24" Drainage Inlet		Bright Green
[-] 12" x 12" X 24" Drainage Inlet		
[-] Catch Basin Install Labor		
[-] 18" x 18" X 24" Drainage Inlet		Red
[-] 18" x 18" X 24" Drainage Inlet		
[-] Catch Basin Install Labor		

Site Utility—Drainage – Continued

Name	Description	Color
Manholes		
48" Manhole		
48" Dia. x 36" H Round Base		
48" Dia. x 24" H Round Riser		
Square Slab Roof w/ 48" Opening		
48" Dia. Flat Round Roof w/ 24" Concentric Opening		
24" x 3" Grade Ring		
24" Ring and Cover		
Manhole Installation Labor		
60" Manhole		
60" Dia. x 36" H Round Base		
60" Dia. x 24" H Round Riser		
Square Slab Roof w/ 60" Opening		
60" Dia. Flat Round Roof w/ 24" Concentric Opening		
24" x 3" Grade Ring		
24" Ring and Cover		
Manhole Installation Labor		
72" Manhole		
72" Dia. x 36" H Round Base		
72" Dia. x 24" H Round Riser		
Square Slab Roof w/ 72" Opening		
72" Dia. Flat Round Roof w/ 24" Concentric Opening		
24" x 3" Grade Ring		
24" Ring and Cover		
Manhole Installation Labor		
96" Manhole		
96" Dia. x 36" H Round Base		
96" Dia. x 24" H Round Riser		
Square Slab Roof w/ 96" Opening		
96" Dia. Flat Round Roof w/ 24" Concentric Opening		
24" x 3" Grade Ring		
24" Ring and Cover		
Manhole Installation Labor		

Site Utility—Drainage – Continued

Name	Description	Color
[-] Cleanouts		Black
[-] 4" Storm Drain Cleanout		Red
[-] 4" Storm Drain Cleanout		
[-] Cleanout Install Labor		
[-] 6" Storm Drain Cleanout		Teal
[-] 6" Storm Drain Cleanout		
[-] Cleanout Install Labor		
[-] 8" Storm Drain Cleanout		Purple
[-] 8" Storm Drain Cleanout		
[-] Cleanout Install Labor		
[-] 10" Storm Drain Cleanout		Dark Blue
[-] 10" Storm Drain Cleanout		
[-] Cleanout Install Labor		
[-] 12" Storm Drain Cleanout		Olive Green
[-] 12" Storm Drain Cleanout		
[-] Cleanout Install Labor		
[-] 14" Storm Drain Cleanout		Green
[-] 14" Storm Drain Cleanout		
[-] Cleanout Install Labor		
[-] Outlets		Black
[-] 12" Flared Concrete End Section		Olive Green
[-] 12" Flared Concrete End Section		
[-] Catch Basin Install Labor		
[-] 18" Flared Concrete End Section		Green
[-] 18" Flared Concrete End Section		
[-] Catch Basin Install Labor		
[-] 24" Flared Concrete End Section		Dark Red
[-] 24" Flared Concrete End Section		
[-] Catch Basin Install Labor		
[-] 30" Flared Concrete End Section		Cyan
[-] 30" Flared Concrete End Section		
[-] Catch Basin Install Labor		
[-] 36" Flared Concrete End Section		Magenta
[-] 36" Flared Concrete End Section		
[-] Catch Basin Install Labor		
[-] 42" Flared Concrete End Section		Blue
[-] 42" Flared Concrete End Section		
[-] Catch Basin Install Labor		
[-] 48" Flared Concrete End Section		Yellow
[-] 48" Flared Concrete End Section		
[-] Catch Basin Install Labor		
[-] 54" Flared Concrete End Section		Bright Green
[-] 54" Flared Concrete End Section		
[-] Catch Basin Install Labor		