Site Utility Starter Pack User Guide

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# 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 <u>FAQ</u> section of this user manual) or contact the technical support department at:

PlanSwift<sup>®</sup> 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<sup>®</sup> Training Department <u>training@PlanSwift.com</u>

1-888-752-6794 ext. 6

# **Purchasing and Installation**

## **Purchasing Plugins**

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

PlanSwift<sup>®</sup> 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 <u>Compendium</u> 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).

	1			3 4
Home Page Tools View Estimating Lis	ts Templates Settings Reports	Help Plugins Search Undo	PlanSwift Prof	essional 10.2 - play 📃 🗖 🗙
New			Properties Refresh Export Import	Expand Collapse Copy Paste
Folder * Item * Area * Linear * Segment * Cou	· · · · · · · · · · · · · · · · · · ·	nplate Tools	Tab Tab	All All Clipboard Adjust
🐻 Sample Templates 🌍 Sample Parts 🔯 Types 🕻	🕽 Siding Assemblies 👔 Sample Assen	nblies Links How To Examples 🌍 Sidir	ing Parts	Templates »
Name	Description	Price Each Color		* 2 🖸 🗟 🕒 🖨
🖃 🫅 Top Level Folder Example 1 🛛 💈				
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🖹 🫅 Area Assembly 1				🖃 🛅 Top Level Folder Example 1
🖹 💭 Area Takeoff Item Example 1		0		🖻 🧰 Advanced Assemblies
Material 1	Description 1	0		🖻 🧰 Area Assembly 1
Material 2	Description 2	0		🕂 🗘 Area Takeoff Item Example 1
Material 3	Description 3	0		Material 1
Material 4	Description 3	0		
Material 5	Description 1A	0		Material 3
Labor 1		0		🥮 Material 4
Area Takeoff Item Example 2		13.2		Material 5
Material 6	Description 1A	0		Jabor 1
Material 7	Description 1B	0		🖻 🗐 Area Takeoff Item Example 2
Material 8	Description 1C	0		Material 6
Jabor 2		0		Material 7
Area Takeoff Item Example 3		0		Material 8
Material 10	Description 2A	0		Labor 2

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.

		4	
📀 Home Page Tools View Estimating List	ts Templates Settings Reports	Help Plugins Search	Indo PlanSwift P
New New New New New New Segment * Court	nt * Assembly * Part * Type *	Delete Columns New For Tab Layo	m Properties Refresh Export Imp
🔂 Sample Templates 📦 Sample Parts 🖗 Types 🕻	🕽 Siding Assemblies 👔 Sample Asser	nblies Links How To Examples	Siding Parts
Name	Description	Price Each Color	
Top Level Folder Example 1			
🖻 🛅 Advanced Assemblies 🛛 📝 1			
🖻 🫅 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 1A	0	
Labor 1		0	
Area Takeoff Item Example 1		0	
Material 1	Description 1	0	
Material 2 3	Description 2	0	
Material 3	Description 3	0	
Material 4	Description 3	0	
Material 5	Description 1A	0	
Labor 1		0	
🖃 🛄 Area Takeoff Item Example 2		13.2	
Material 6	Description 1A	0	

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).

Home Page Tools View Estimating List	ts Templates Settings Reports	Help Plugins Search Undo	PlanSwift Professional 10.2 - play 🗕 🗖
	ew New New New New New New from Type * Ter	Delete Columns New Form Properties Refrest	Export Import Expand Collapse Tab Tab All All Collapse
🔂 Sample Templates 📦 Sample Parts 😜 Types 🕻	🔋 Siding Assemblies 👔 Sample Asser	iblies Links How To Examples 🌍 Siding Parts	Templates
Name	Description	Price Each Color	☆ ≈ ⊡ ≅ ⊕ ⊖
🖻 🛅 Advanced Assemblies			How To Examples
Area Assembly 1     Area Takeoff Item Example 1		0	Constant Constan
Material 1	Description 1	0	🖻 🧰 Area Assembly 1
Material 2 1	Description 2 Description 3	0	Area Takeoff Item Example 1
Material 4	Description 3	0	Material 2
Aterial 5	Description 1A	0	- S Material 4
Area Takeoff Item Example 1     Material 1	Description 1	0	→ Material 5 → Dabor 1
Material 2 2	Description 2	0	Area Takeoff Item Example 1     Area Takeoff Item Example 2
Material 4	Description 3 Description 1A	0	Material 6

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.

Home Page Tools View Estimating List	s Templates Settings Re	eports Help Plugins Search Undo	PlanSwift Professional 10.2 - play 📃 📼	x
New New New New New New New New Area* Linear* Segment* Cour		N 🛛 🛄 🗝 🗔 🛠 🛛	Export     Import     Expand     Collapse       Tab     Tab     All     All	
🐻 Sample Templates 📦 Sample Parts 😂 Types 📦	Siding Assemblies 👔 Sample	Assemblies Links How To Examples 🕥 Siding Parts	▼ Templates	»
Name	Description	Price Each Color	* 2 🖂 👼 🖨	
Cop Level Folder Example 1     Cop Advanced Assemblies     Cop Area Assembly 1			How To Examples	~
Area Takeoff Item Example 1	Description 1	[Area Takeoff Item Example 1]	X C C C C C C C C C C C C C C C C C C C	
Material 2 Material 3	Description 2 General Pricing Description 3 Name			
Material 4 Material 5 Labor 1	Description 3 Area Ta Description 1A Descripti		Material 3	
Area Takeoff Item Example 1  Material 1  Material 2	Description 1 Exposure Description 2 8		✓ Material 5     ✓ Material 5     ✓ Labor 1     ⊕ Labor 1	
Material 4 Material 5	Description 3 Purchase Description 1A Square	· ·	Area Takeoff Item Example 2     Area Takeoff Item Example 2     Area Takeoff Item Example 2     Area Takeoff Item Example 2	-
Labor 1 Prea Takeoff Item Example 2	.042	s Siding Style	Material 8	



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

Home Page Tools View Estimating Lists	s Templates Settings Reports	Help Plugins Search Undo PlanSwif	t Professional 10.2 - play 📃 📼 🗙
New	nt * Assembly * Part * Type *		Tab All Clipboard Adjust
🐻 Sample Templates 📦 Sample Parts 😂 Types 📦	Siding Assemblies 📦 Sample Assen	blies Links How To Examples 🜍 Siding Parts	Templates »
Name Top Level Folder Example 1	Description	Price Each Color	☆ 2 1 to 0 ○ How To Examples
Advanced Assembles			Top Level Folder Example 1
Material 1	Description 1 Description 2	0	Area Assembly 1     Orea Assembly 1     Orea Assembly 1
Material 3	Description 3 Description 3	0	Material 1
Material 5	Description 1A	0	Material 3
Labor 1 Area Takeoff Item Example 1 - No Material 3	-	0	Material 5
Material 1	Description 1	0	

**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.

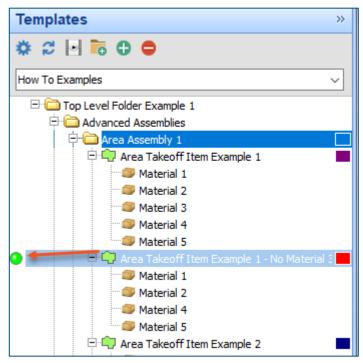


Figure 7

### 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.

A Home P	Page Tools View Estimating List	ts Templates Settings Reports	Help Plugins Search Undo	PlanSwift Professional 10.2 - play	/2 _ = ×
New New Folder * Item		nt * Assembly * Part * Type *	Delete     Columns     New Tab     Form Layout     Properties	Refresh	Copy Paste Clipboard Adjust
Sample Tem	nplates 🌍 Sample Parts 🤤 Types 📢	Siding Assemblies 👔 Sample Assem	blies Links How To Examples 🌍 Siding Parts	Templates	»
Name		Description	Price Each Color	🔅 🗢 🖯 🗟 🗘 🌾	•
Top Level F				How To Examples	~
	ea Assembly 1 Area Takeoff Item Example 1		0	Top Level Folder E     Grad Advanced Ass	
	Material 1 Material 2	Description 1 Description 2	0	🕂 🧰 Area Asse 🕂 🛱 Area	embly 1 Takeoff Item Example 1
	<ul> <li>Material 3</li> <li>Material 4</li> </ul>	Description 3 Description 3	0	··· 🕮 M	laterial 1 laterial 2
	Material 5	Description 1A	0	🥮 M	laterial 3 laterial 4
E- <b>-</b>	Area Takeoff Item Example 1 - No Material 3 Material 1	Description 1	0	🔑 La	laterial 5 abor 1
	Material 2 Material 4	Description 2 Description 3	0	🕮 M	Takeoff Item Example 1 - No Material 3 laterial 1
		Description 1A	0		laterial 2 laterial 4
e- <b>@</b>	Area Takeoff Item Example 2		13.2		laterial 5 abor 1
	Material 6 Material 7	Description 1A Description 1B	0		Takeoff Item Example 2
	Material 8	Description 1C	0		laterial 6 laterial 7

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 portion of the button pastes the part at the same hierarchical level of a selected item. Clicking on the bottom (down-arrow) part of the button, then selecting **As Sub-Item** pastes the part as a sub-item of the selected item.

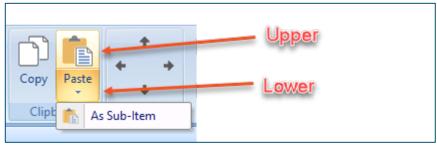


Figure 9

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

Home Page Too	ls View	Estimating	Lists	Templates	Settings	Reports
	E	1	:•			5
New New New Folder * Item * Area *	New Linear *	New Segment ▼	New Count *	New Assembly 1	New Part ▼	New from Type *
						Ten
🔂 Sample Templates 🕻	) Sample Pa	arts 🔘 Type	s 🎁 S	iding Assembl	ies 👘 Sa	mple Assem
Name			De	scription		
🖃 🧰 Top Level Folder Exam	ole 1					
🖃 🧰 Advanced Assembl	es					
🖹 🧰 Area Assembly	1					
🖃 👘 Area Takeo	off Item Exan	nple 1				
🔺 🥥 Materia	1		Des	scription 1		
- 🥥 Materia	12		Des	scription 2		
Materia	13		Des	scription 3		
Materia	4		Des	scription 3		
🎒 Materia	l 5	_	Des	scription 1A		
Labor :						
- 💣 Material 6	-		Des	scription 1A		
🖃 👘 🗛 Area Takeo	ff Item Exan	nple 1 - No Mate	rial 3			
- 💷 Materia	1		Des	scription 1		

Figure 10

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

Home Page Tools View Estimating Lis	ts Templates Settings
	ew New New nt * Assembly * Part *
Sample Templates Sample Parts STypes	-
Name	Description
🖻 🫅 Area Assembly 1	
🖹 👘 Area Takeoff Item Example 1	
Material 1	Description 1
Material 2	Description 2
Material 3	Description 3
Material 4	Description 3
Material 5	Description 1A
Jabor 1	
Material 6	Description 1A
🖹 🚔 Area Takeoff Item Example 1 - No Material 3	

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 **Past 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.

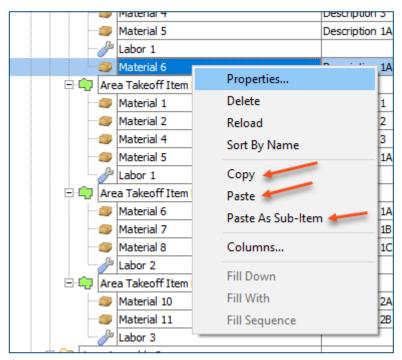
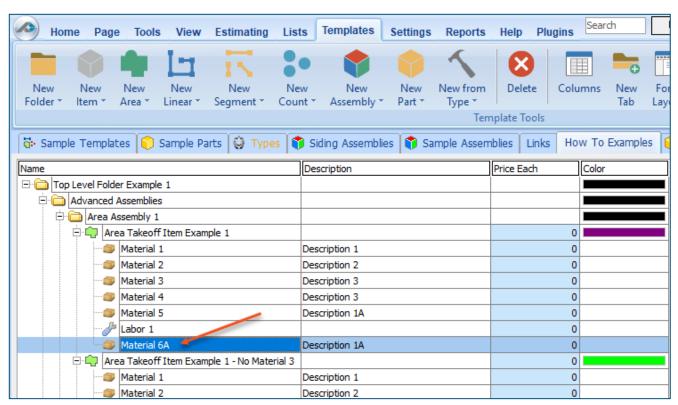


Figure 13

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**.

Labor 1			0	
Material 6	Description 1A		0	
🖃 👘 Area Takeoff Item Example 1 - No Material 3				
Material 1	Description 1	Properties - [Material	6]	×
Material 2	Description 2	Name	Value	Units
🎒 Material 4	Description 3	Material 6	4	
Material 5	Description 1A	Waste %	0	%
Labor 1		Markup %	0.00	%
🖹 👘 Area Takeoff Item Example 2				/8
Material 6	Description 1A	Description	Description 1A	
Material 7	Description 1B	Input Advanced	Form	Ok Cancel
	Description 1C	Advanced	FUIII	Cancer
A Labor 2			0	

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.

Home Page Tools View Estimating List	s Templates Settings Reports	Help Plugins
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New New New New New Ne Folder Item Area Linear Segment Cour		Delete Columns New For Tab Lay
	Ten	nplate Tools
🐻 Sample Templates 📦 Sample Parts 📦 Types	) Siding Assemblies 👘 Sample Assem	nblies Links How To Examples
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 1A	0
		0
Material 6A	Description 1A	0
Material 8	Description 1C	0
🖃 👘 Area Takeoff Item Example 1 - No Material 3		0
Material 1	Description 1	0
Material 2	Description 2	0
🎯 Material 4	Description 3	0
Material 5	Description 1A	0
Labor 1		0
🖃 🛄 Area Takeoff I em Example 2		13.2
Material 6	Description 1A	0
	Description 1B	0
Labor 2		0
🖃 👘 Area Takeoff Item Example 3		0
Material 10	Description 2A	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).

	sts Templates Settings Reports	s Help Plugins Search	Indo	PlanSwift Profes	sional 10.2 - play 📃 📼 🗶
New New New New New New New New Area Linear Segment Cou	ant * Assembly * Part * Type *	Delete Columns New For Tab Lays	m Properties Refresh E	xport Tab	Expand Collapse All Collapse Clipboard Adjust
😽 Sample Templates 🜍 Sample Parts 🛱 Types	🗘 Siding Assemblies 👘 Sample Asse	mblies Links How To Examples 🇧	) Siding Parts	<b>T</b>	emplates »
Name	Description	Price Each Color		*	* 😂 🔄 👼 🖨 🖨
🖃 🧰 Top Level Folder Example 1					
E Carlos Advanced Assemblies					iow To Examples V
🖻 🧰 Area Assembly 1					🖃 🧰 Top Level Folder Example 1
Area Takeoff Item Example 1		0			🖻 🧰 Advanced Assemblies
Material 1	Description 1	0			🛱 🧰 Area Assembly 1
Material 2	Description 2	0			🖻 🛄 Area Takeoff Item Example 1
Material 3	Description 3	0			Material 1
Material 4	Description 3	0			Material 2
Material 5	Description 1A	0			Material 3
Labor 1			×	1	Material 4
Material 6A	Description 1A Properties - [Mat	terial /]	*		Baber 1
Material 8	Description 1C Name	Value	Units	1	Material 6A
Material 7	Description 18 Material 7				Material 8
🖃 💭 Area Takeoff Item Example 1 - No Material 3	Horizontal Overlan	4.00	IN	"	Material 7
Material 1	Description 1 Vertical Overlap	6.00	IN		🕀 🛄 Area Takeoff Item Example 1 - No Material 3
Material 2	Description 2	0	%		
Material 4	Description 3 Waste %	0.00	*	-	Material 2
Labor 1			<b>9</b>		Material 4
Area Takeoff Item Example 2	Markup %	0.00	9/		Material 5
Material 6	Description 1A	Description 1B			Labor 1     Area Takeoff Item Example 2
Material 7					Material 6
Labor 2	Description 1B Input Advance	ced Form	Ok Cancel		Material 6
Area Takeoff Item Example 3		0		-	Labor 2
Material 10	Description 2A				Cable 2     Area Takeoff Item Example 3

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:** PlanSwift recommends that you purchase a training package. We highly recommend new users purchase a training package, because training is customized to each user. We offer <u>one-on-one training</u> and <u>classroom training</u>. Contact <u>training@PlanSwift.com</u> or at 1-888-752-6794 Ext. 6.

**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

me		Description	Division	Type	Color
Water			1	Folder	
🖻 🧰 Pipe				Folder	
E C PW	c			Folder	
0 I-1	2" PVC SDR 35		1	Linear	
	2" x 20' PVC SDR 35			Material	
	Pipe Laying Labor		10	Labor	
8-1-1	3" PVC SDR 35		11	Linear	
	3" x 20' PVC SDR 35		11	Material	
	🥟 Pipe Laying Labor			Labor	
- I-1	4" PVC SDR 35		1	Linear	
	4" x 20' PVC SDR 35			Material	
	Pipe Laying Labor			Labor	
= L-1	6" PVC SDR 35			Linear	
	6" x 20' PVC SDR 35			Material	
	Je Pipe Laying Labor			Labor	
e [	8" PVC SDR 35			Linear	
	8" x 20' PVC SDR 35			Material	
	J Pipe Laying Labor		0	Labor	
ela	10" PVC SDR 35			Linear	1
	10" x 20' PVC SDR 35			Material	
	Pipe Laying Labor			Labor	
8 1-1	12" PVC SDR 35			Linear	
F	12" x 20' PVC SDR 35			Material	
	Pipe Laying Labor		1	Labor	

		Description	Division	Type	Cole
🖯 🗀 HD	PE	-		Folder	
- I-1	4" HDPE CLASS 3			Linear	
	4" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor			Labor	
- L-1	6" HDPE CLASS 3		11	Linear	
	6" x 20' HDPE CLASS 3		Q 3	Material	1
	JPipe Laying Labor			Labor	-
811	8" HDPE CLASS 3		1	Linear	
H	8" x 20' HDPE CLASS 3			Material	
1 4	JP Pipe Laying Labor		1	Labor	
B.1-1	10" HDPE CLASS 3			Linear	
H	10" x 20' HDPE CLASS 3			Material	
-	Pipe Laying Labor		1	Labor	
011	12" HDPE CLASS 3		1	Linear	
	12" x 20' HDPE CLASS 3		1	Material	
1	Pipe Laying Labor		8	Labor	
e In	14" HDPE CLASS 3			Linear	
	14" x 20' HDPE CLASS 3		1	Material	
-	Pipe Laying Labor		11	Labor	
e In	16" HDPE CLASS 3			Linear	
- F	16" x 20' HDPE CLASS 3		8	Material	
1.4	Pipe Laying Labor			Labor	
e In	18" HDPE CLASS 3		1	Linear	
	18" x 20' HDPE CLASS 3		1	Material	
	Je Pipe Laying Labor		1	Labor	
e In	20" HDPE CLASS 3		6	Linear	
	20" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor		1	Labor	
ela	22" HDPE CLASS 3		11	Linear	
	22" x 20' HDPE CLASS 3		1	Material	
14	Pipe Laying Labor		6	Labor	
817	24" HDPE CLASS 3		ų - 3	Linear	
F	24" x 20' HDPE CLASS 3			Material	
	JPipe Laying Labor		Ŭ ŝ	Labor	
813	30" HDPE CLASS 3			Linear	
H	30" x 20' HDPE CLASS 3		8	Material	
1	Japa Pipe Laying Labor		ų - 3	Labor	
813	36" HDPE CLASS 3			Linear	
F	36" x 20' HDPE CLASS 3		0	Material	
	JP Pipe Laying Labor			Labor	
- I-1	42" HDPE CLASS 3		1	Linear	
E	42" x 20' HDPE CLASS 3			Material	
	JPipe Laying Labor			Labor	

Site Utility—Water Assemblies – Continued

8		Description	Division	Type	Colo
	Ib		12	Folder	
e I-	I 3" DIP			Linear	
	3" x 20' MJ DIP		0	Material	
	JP DIP Install Labor			Labor	
₽. <b>[</b> -	1 4" DIP			Linear	
	4" x 20' MJ DIP			Material	6
	DIP Install Labor			Labor	-
	6" DIP			Linear	
	6" x 20' MJ DIP			Material	
	DIP Install Labor			Labor	
81	I 8" DIP			Linear	
	8" x 20' MJ DIP			Material	
	DIP Install Labor			Labor	
e I	10" DIP			Linear	
1	10" x 20' MJ DIP			Material	
	JIP Install Labor		1	Labor	
8-I-	12" DIP			Linear	
	12" x 20' MJ DIP			Material	
	JIP Install Labor			Labor	
= I-	14" DIP			Linear	
	14" x 20' MJ DIP			Material	
	JIP Install Labor			Labor	
e [	16" DIP		<u></u>	Linear	
	16" x 20' MJ DIP			Material	
	JIP Install Labor			Labor	
81	18" DIP		6	Linear	
	18" x 20' MJ DIP			Material	
	DIP Install Labor			Labor	
e I-	1 20" DIP			Linear	
	20" x 20' MJ DIP			Material	
	JIP Install Labor			Labor	
81	22" DIP			Linear	
	22" x 20' MJ DIP			Material	
	DIP Install Labor			Labor	
8 I.	24" DIP			Linear	
	24" x 20' MJ DIP		0	Material	
	DIP Install Labor			Labor	

Site Utility—Water Assemblies – Continued

	Description	Division	Туре	Colo
Calves Valves	1	1	Folder	
🖻 🛟 🔹 Valve Box Ring and Lid			Count	
Valve Box Ring and Lid			Material	
- Jahre Box Install Labor			Labor	
🕀 🧰 Gate Valves			Folder	
🖻 🛅 Wedge Gate Valves		1	Folder	
2* Resilient Wedge Gate Valve			Count	
2" Resilient Wedge Gate Valve			Material	
Valve Installation Labor			Labor	
4" Resilient Wedge Gate Valve			Count	
4" Resilient Wedge Gate Valve		1	Material	
- Jalve Installation Labor			Labor	
😑 🏮 6" Resilent Wedge Gate Valve			Count	
6" Resilient Wedge Gate Valve		1	Material	
- Jalve Installation Labor		1 3	Labor	
😑 🍨 8" Resilent Wedge Gate Valve		1	Count	
8" Resilient Wedge Gate Valve			Material	
Valve Installation Labor			Labor	
10" Resilient Wedge Gate Valve			Count	
10" Resilient Wedge Gate Valve		i de la compañía de la	Material	
Valve Installation Labor		1	Labor	
E : 12" Resilient Wedge Gate Valve			Count	
12" Resilient Wedge Gate Valve			Material	
Jave Installation Labor			Labor	
9 14" Resilient Wedge Gate Valve			Count	
14" Resilient Wedge Gate Valve		1	Material	
Jalve Installation Labor			Labor	
E . 16" Resilient Wedge Gate Valve			Count	
16" Resilient Wedge Gate Valve		1	Material	
Valve Installation Labor			Labor	
E : 18" Resilient Wedge Gate Valve			Count	
18" Resilient Wedge Gate Valve			Material	
Valve Installation Labor			Labor	
20" Resilient Wedge Gate Valve		1	Count	
20" Resilient Wedge Gate Valve		1 3	Material	
Valve Installation Labor		0	Labor	
E 22" Resilient Wedge Gate Valve			Count	
22" Resilient Wedge Gate Valve			Material	
Jave Installation Labor			Labor	
E 24" Resilient Wedge Gate Valve		1	Count	
24" Resilient Wedge Gate Valve		12	Material	1

Name	Description	Division	Type	Color
🖻 🚞 Double Dsc Gate Valve			Folder	
🕀 🚦 2° Double Disc Gate Valve			Count	
2" Double Disc Gate Valve			Material	
Valve Installation Labor			Labor	
E 4* Double Disc Gate Valve			Count	
4" Double Disc Gate Valve			Material	
Valve Installation Labor			Labor	
🕀 🎦 6" Double Disc Gate Valve			Count	
6" Double Disc Gate Valve			Material	
- Jb Valve Installation Labor			Labor	
🕀 🐌 8" Double Disc Gate Valve			Count	
8" Double Disc Gate Valve			Material	
- Jb Valve Installation Labor			Labor	
10" Double Disc Gate Valve			Count	
10" Double Disc Gate Valve			Material	
Valve Installation Labor			Labor	
E 12" Double Disc Gate Valve			Count	
12" Double Disc Gate Valve			Material	
Valve Installation Labor			Labor	
14" Double Disc Gate Valve			Count	
14" Double Disc Gate Valve			Material	
Valve Installation Labor			Labor	
E 16" Double Disc Gate Valve			Count	
16" Double Disc Gate Valve			Material	
Valve Installation Labor			Labor	
18" Double Disc Gate Valve			Count	
18" Double Disc Gate Valve			Material	
Valve Installation Labor			Labor	
20° Double Disc Gate Valve			Count	
20" Double Disc Gate Valve			Material	
Valve Installation Labor			Labor	
E 22" Double Disc Gate Valve			Count	
22" Double Disc Gate Valve			Material	
Valve Installation Labor			Labor	
😑 🏮 24" Double Disc Gate Valve			Count	
24° Double Disc Gate Valve			Material	1
July Valve Installation Labor			Labor	

S		Description	Division	Type	Color
÷ 🗀	Butterfly Valves		19	Folder	
Ē	<ul> <li>2" Butterfly Valve</li> </ul>		6	Count	
	2" Butterfly Valve			Material	
	Valve Installation Labor		0 8	Labor	
	• 4" Butterfly Valve			Count	
	4" Butterfly Valve		1	Material	
	Jalve Installation Labor		Q 3	Labor	
8	• 6" Butterfly Valve	-		Count	
	6" Butterfly Valve		0	Material	
	Valve Installation Labor		0	Labor	
	<ul> <li>8" Butterfly Valve</li> </ul>		1	Count	
	8" Butterfly Valve		Q=3	Material	<u>9</u>
	Valve Installation Labor			Labor	
	<ul> <li>10" Butterfly Valve</li> </ul>		0	Count	
	10" Butterfly Valve		11 3	Material	
	Jave Installation Labor			Labor	
8	<ul> <li>12" Butterfly Valve</li> </ul>		6	Count	
	12" Butterfly Valve			Material	
	Valve Installation Labor		0	Labor	
8	<ul> <li>14" Butterfly Valve</li> </ul>		11	Count	
	14" Butterfly Valve			Material	
	🧀 Valve Installation Labor		ē - 3	Labor	91
8	• 16" Butterfly Valve			Count	
	16" Butterfly Valve		0	Material	
	Valve Installation Labor		1	Labor	4
	<ul> <li>18" Butterfly Valve</li> </ul>		1	Count	1
	18" Butterfly Valve		6	Material	9
	Valve Installation Labor		1	Labor	
e	<ul> <li>20" Butterfly Valve</li> </ul>		0	Count	
	20" Butterfly Valve		01 8	Material	
	Valve Installation Labor		1	Labor	
	<ul> <li>22" Butterfly Valve</li> </ul>		ę 3	Count	
	22" Butterfly Valve	-		Material	
	🥜 Valve Installation Labor			Labor	
	• 24" Butterfly Valve			Count	
	24" Butterfly Valve		1	Material	
	Valve Installation Labor		1	Labor	

ame		Description	Division	Туре	Color
E Check Valv	es		12 1	Folder	
😑 🚺 2" Che	A CARLES AND A C			Count	
2'	Check Valve			Material	
Ja Val	ve Installation Labor		11	Labor	
🖃 🏮 4" Che	adk Valve		1	Count	
4	Check Valve			Material	
Ja Val	ve Installation Labor		1	Labor	
🖃 🏮 6" Che	eck Valve			Count	1
6	Check Valve		11	Material	
Ja Val	ve Installation Labor		1	Labor	
🖃 🏮 8" Che	eck Valve			Count	
- 8	Check Valve			Material	
Je Val	ve Installation Labor			Labor	
	neck Valve		0	Count	
10	)* Check Valve		1	Material	
Jah Val	ve Installation Labor			Labor	
B 12" C	neck Valve		1	Count	
- 12	2" Check Valve			Material	
Ja Val	ve Installation Labor		11 3	Labor	
😑 🚺 14° C	neck Valve		11	Count	
- 14	f" Check Valve			Material	
Jah Vah	ve Installation Labor			Labor	
🖃 🚺 16" C	neck Valve			Count	
16	5" Check Valve		1	Material	
Ju Val	ve Installation Labor			Labor	
🖃 🚺 🕈 🖬	neck Valve			Count	
- 18	3" Check Valve			Material	
- Jo Val	ve Installation Labor			Labor	
😑 🏮 20° C	neck Valve		0	Count	
- 20	)" Check Valve		10	Material	
Jah Vah	ve Installation Labor	5		Labor	
🖃 🚦 • 22° C	neck Valve			Count	
- 22	2" Check Valve			Material	
JP Val	ve Installation Labor		10	Labor	
🖂 🚺 24° C	neck Valve		11	Count	
24	f" Check Valve	5		Material	
Ja Val	ve Installation Labor			Labor	

ie	Description	Division	type	Color
🖻 🚞 EPV (Eccentric Plug Valves)		1° - 3	Folder	
2" Eccentric Plug Valve		4	Count	
2" Eccentric Plug Valve			Material	
Valve Installation Labor		0 3	Labor	
4" Eccentric Plug Valve			Count	
4" Eccentric Plug Valve			Material	
Valve Installation Labor		Q	Labor	
6" Eccentric Plug Valve		2	Count	
6° Eccentric Plug Valve		0	Material	
Valve Installation Labor		11 8	Labor	
8" Eccentric Plug Valve		1	Count	
8" Eccentric Plug Valve		Q	Material	5
Valve Installation Labor			Labor	
Eccentric Plug Valve		0	Count	
10" Eccentric Plug Valve		11 3	Material	
Valve Installation Labor			Labor	
12" Eccentric Plug Valve		4	Count	
12" Eccentric Plug Valve			Material	
Valve Installation Labor		0 3	Labor	
14" Eccentric Plug Valve		0	Count	
14" Eccentric Plug Valve			Material	
Valve Installation Labor		ĝ	Labor	1
E 2 16" Eccentric Plug Valve			Count	
16" Eccentric Plug Valve			Material	
Valve Installation Labor		0	Labor	4
18" Eccentric Plug Valve		1	Count	1
18" Eccentric Plug Valve		4	Material	1
Valve Installation Labor			Labor	
20" Eccentric Plug Valve			Count	
20" Eccentric Plug Valve		0	Material	
Valve Installation Labor		1	Labor	
22" Eccentric Plug Valve		Q 3	Count	
22" Eccentric Plug Valve			Material	
Valve Installation Labor			Labor	
24" Eccentric Plug Valve			Count	
24" Eccentric Plug Valve		11	Material	

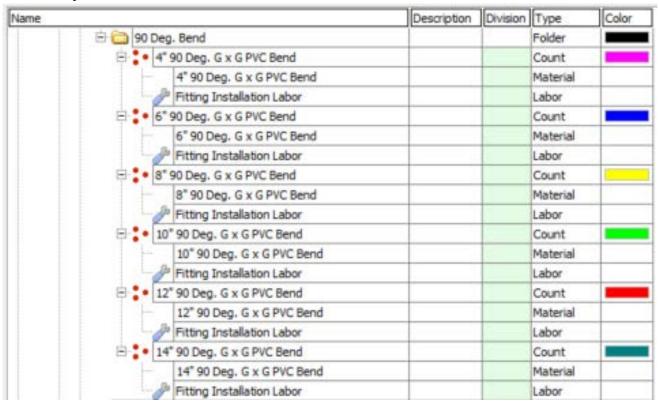
ame	Description	Division	Type	Color
🗄 🚞 Fittings		8	Folder	
B C PVC			Folder	
🖻 🧰 Bends			Folder	
🖻 🧰 5-5/8 Deg. Bend		1	Folder	
🖃 🍨 4* 5-5/8 Deg. G x G PVC Bend			Count	
4" 5-5/8 Deg. G x G PVC Bend		6	Material	
Fitting Installation Labor			Labor	
🖯 🗧 6" 5-5/8 Deg. G x G PVC Bend			Count	
6" 5-5/8 Deg. G x G PVC Bend			Material	
- Pitting Installation Labor		1	Labor	
🖃 🏮 8" 5-5/8 Deg. G x G PVC Bend		4 4	Count	-
8° 5-5/8 Deg. G x G PVC Bend			Material	
Fitting Installation Labor			Labor	
10" 5-5/8 Deg. G x G PVC Bend		1	Count	
10" 5-5/8 Deg. G x G PVC Bend			Material	
Fitting Installation Labor			Labor	
E : 12* 5-5/8 Deg. G x G PVC Bend			Count	
12" 5-5/8 Deg. G x G PVC Bend		0	Material	
Fitting Installation Labor			Labor	
🗄 🛟 14" 5-5/8 Deg. G x G PVC Bend			Count	
14" 5-5/8 Deg. G x G PVC Bend			Material	
Fitting Installation Labor			Labor	
🖻 🚞 11-1/4 Deg. Bend			Folder	
4" 11-1/4 Deg. G x G PVC Bend		0 8	Count	
4" 11-1/4 Deg. G x G PVC Bend			Material	
Fitting Installation Labor		6	Labor	-
E 6* 11-1/4 Deg. G x G PVC Bend			Count	
6* 11-1/4 Deg. G x G PVC Bend			Material	
Fitting Installation Labor		Ú i	Labor	
8" 11-1/4 Deg. G x G PVC Bend			Count	
8" 11-1/4 Deg. G x G PVC Bend		1	Material	0
- J Fitting Installation Labor		ų. į	Labor	_
🖃 🗧 10" 11-1/4 Deg. G x G PVC Bend			Count	
10" 11-1/4 Deg. G x G PVC Bend			Material	
Fitting Installation Labor		1	Labor	
12" 11-1/4 Deg. G x G PVC Bend		0	Count	
12" 11-1/4 Deg. G x G PVC Bend			Material	
Fitting Installation Labor			Labor	
E 14" 11-1/4 Deg. G x G PVC Bend		1	Count	
14" 11-1/4 Deg. G x G PVC Bend			Material	
Fitting Installation Labor			Labor	

Site Utility—Water Assemblies – Continued

Name		Description	Division	Type	Color
	🕀 🧰 22-1/2 Deg. Bend		12	Folder	
	😑 🚦 4* 22-1/2 Deg. G x G PVC Bend			Count	
	4" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor		1	Labor	
	E 6 22-1/2 Deg. G x G PVC Bend		1 3	Count	
	6" 22-1/2 Deg. G x G PVC Bend		1	Material	
	Fitting Installation Labor			Labor	
	E . 8" 22-1/2 Deg. G x G PVC Bend			Count	1
	8" 22-1/2 Deg. G x G PVC Bend		11	Material	
	Fitting Installation Labor		1	Labor	
ame	E . 10" 22-1/2 Deg. G x G PVC Bend			Count	
	10" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E 12" 22-1/2 Deg. G x G PVC Bend		11	Count	
	12" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor		19	Labor	
	E 14" 22-1/2 Deg. G x G PVC Bend		8	Count	
	14" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	🖃 🧰 30 Deg. Bend			Folder	
	E . 4" 30 Deg. G x G PVC Bend			Count	
	4" 30 Deg. G x G PVC Bend		10	Material	
	Fitting Installation Labor			Labor	
	E • 6" 30 Deg. G x G PVC Bend		0	Count	
	6" 30 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor		10	Labor	
	E * 8" 30 Deg. G x G PVC Bend		11 1	Count	
	8" 30 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor		0	Labor	
	E • 10" 30 Deg. G x G PVC Bend			Count	
	10" 30 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E 12" 30 Deg. G x G PVC Bend			Count	
	12" 30 Deg. G x G PVC Bend			Material	
	- Ja Fitting Installation Labor			Labor	
	E * 14" 30 Deg. G x G PVC Bend			Count	
	14" 30 Deg. G x G PVC Bend		11	Material	
	Ju Fitting Installation Labor			Labor	



Site Utility—Water Assemblies – Continued



Site Utility—Water Assemblies – Continued

me		Description	Division	Type	Color
1	🖻 🧰 Wyes		12	Folder	
	E 4x4 WYE SCH 40 PVC G x G		1. 3	Count	
	4x4 WYE SCH 40 PVC G x G			Material	
	- Ja Fitting Installation Labor			Labor	
	E . 6x4 WYE SCH 40 PVC G x G		1	Count	
	6x4 WYE SCH 40 PVC G x G			Material	_
	and the state of t			Labor	-
	Fitting Installation Labor		-		-
	E 6x6 WYE SCH 40 PVC G x G			Count	_
	6x6 WYE SCH 40 PVC G x G			Material	-
	Fitting Installation Labor			Labor	_
	E * 8x4 WYE SCH 40 PVC G x G			Count	_
	8x4 WYE SCH 40 PVC G x G			Material	
	Fitting Installation Labor			Labor	
	8x6 WYE SCH 40 PVC G x G		11	Count	
	8x6 WYE SCH 40 PVC G x G		1	Material	
	- Japan Fitting Installation Labor		19	Labor	
	E 2 8x8 WYE SCH 40 PVC G x G			Count	-
	8x8 WYE SCH 40 PVC G x G			Material	
	- Japa Fitting Installation Labor			Labor	
	E 10x4 WYE SCH 40 PVC G x G			Count	-
	10x4 WYE SCH 40 PVC G x G			Material	-
	Fitting Installation Labor	-		Labor	-
	E 10x6 WYE SCH 40 PVC G x G		-	Count	-
					_
	10x6 WYE SCH 40 PVC G x G			Material	-
	Fitting Installation Labor			Labor	_
	E Se 10x8 WYE SCH 40 PVC G x G			Count	-
	10x8 WYE SCH 40 PVC G x G			Material	-
	Fitting Installation Labor			Labor	_
	I0x10 WYE SCH 40 PVC G x G		0	Count	
	10x10 WYE SCH 40 PVC G x G		11 8	Material	
	- J Fitting Installation Labor			Labor	
	E 12x4 WYE SCH 40 PVC G x G			Count	
	12x4 WYE SCH 40 PVC G x G			Material	
	Fitting Installation Labor		11	Labor	
	E 12x6 WYE SCH 40 PVC G x G		1	Count	
	12x6 WYE SCH 40 PVC G x G			Material	
	Ju Fitting Installation Labor			Labor	
	E 12x8 WYE SCH 40 PVC G x G			Count	-
	12x8 WYE SCH 40 PVC G x G			Material	-
					-
	Pitting Installation Labor		-	Labor	_
	E 12x10 WYE SCH 40 PVC G x G		-	Count	-
	12x10 WYE SCH 40 PVC G x G		-	Material	_
	Fitting Installation Labor			Labor	_
	12x12 WYE SCH 40 PVC G x G			Count	
	12x12 WYE SCH 40 PVC G x G		1 3	Material	

2		Description	Division	Туре	Colo
	🖻 🚞 Tees		1	Folder	
	+ 4x4 TEE SCH 40 PVC G x G			Count	
	4x4 TEE SCH 40 PVC G x G		1	Material	
	- J Fitting Installation Labor		1	Labor	
	E to 6x4 TEE SCH 40 PVC G x G		1	Count	
	6x4 TEE SCH 40 PVC G x G			Material	
	Fitting Installation Labor			Labor	
	E . 6x6 TEE SCH 40 PVC G x G		1	Count	
	6x6 TEE SCH 40 PVC G x G			Material	
	Fitting Installation Labor			Labor	
	E * 8x4 TEE SCH 40 PVC G x G		1	Count	
	8x4 TEE SCH 40 PVC G x G			Material	
	Fitting Installation Labor		8	Labor	1
	E * 8x6 TEE SCH 40 PVC G x G			Count	
	8x6 TEE SCH 40 PVC G x G			Material	
	Fitting Installation Labor			Labor	
	E 2 8x8 TEE SCH 40 PVC G x G			Count	
	8x8 TEE SCH 40 PVC G x G		3	Material	1
	Fitting Installation Labor		U	Labor	
	E 10x4 TEE SCH 40 PVC G x G		1	Count	
	10x4 TEE SCH 40 PVC G x G			Material	
	- J Fitting Installation Labor			Labor	
	E 10x6 TEE SCH 40 PVC G x G		6	Count	
	10x6 TEE SCH 40 PVC G x G			Material	
	Fitting Installation Labor		1	Labor	
	E 10x8 TEE SCH 40 PVC G x G		11 8	Count	
	10x8 TEE SCH 40 PVC G x G			Material	
	Fitting Installation Labor		6	Labor	1
	E 10x10 TEE SCH 40 PVC G x G			Count	
	10x10 TEE SCH 40 PVC G x G			Material	
	Fitting Installation Labor			Labor	
	E 12x4 TEE SCH 40 PVC G x G			Count	
	12x4 TEE SCH 40 PVC G x G		(i)	Material	1
	Fitting Installation Labor			Labor	
	E 12x6 TEE SCH 40 PVC G x G		0	Count	
	12x6 TEE SCH 40 PVC G x G			Material	
	Fitting Installation Labor			Labor	
	E 12x8 TEE SCH 40 PVC G x G		1	Count	
	12x8 TEE SCH 40 PVC G x G			Material	
	- J Fitting Installation Labor			Labor	
	E 12x10 TEE SCH 40 PVC G x G		li i	Count	
	12x10 TEE SCH 40 PVC G x G			Material	
	Fitting Installation Labor		1	Labor	
	E 12x12 TEE SCH 40 PVC G x G			Count	
	12x12 TEE SCH 40 PVC G x G			Material	

Site Utility—Water Assemblies – Continued

-		Description	Division	Туре	Colo
E	Crosses		1	Folder	
	E 4x4 CROSS SCH 40 PVC G x G			Count	
	4x4 CROSS SCH 40 PVC G x G			Material	
	- Pitting Installation Labor			Labor	
	E 6x4 CROSS SCH 40 PVC G x G			Count	
	6x4 CROSS SCH 40 PVC G x G		() ()	Material	
	Fitting Installation Labor			Labor	
	E to 6x6 CROSS SCH 40 PVC G x G			Count	
	6x6 CROSS SCH 40 PVC G x G			Material	
	- J Fitting Installation Labor		1	Labor	
	E * 8x4 CROSS SCH 40 PVC G x G		1	Count	
	8x4 CROSS SCH 40 PVC G x G			Material	
	Fitting Installation Labor			Labor	
	E * 8x6 CROSS SCH 40 PVC G x G		11 3	Count	
	8x6 CROSS SCH 40 PVC G x G		1	Material	
	Fitting Installation Labor		6	Labor	
	E S 8x8 CROSS SCH 40 PVC G x G			Count	
	8x8 CROSS SCH 40 PVC G x G		0	Material	
	- J Fitting Installation Labor			Labor	
	E 10x4 CROSS SCH 40 PVC G x G			Count	
	10x4 CROSS SCH 40 PVC G x G		8	Material	
	Fitting Installation Labor		11 3	Labor	
	E 10x6 CROSS SCH 40 PVC G x G			Count	
	10x6 CROSS SCH 40 PVC G x G		1	Material	
	Fitting Installation Labor			Labor	
	E 10x8 CROSS SCH 40 PVC G x G		8	Count	
	10x8 CROSS SCH 40 PVC G x G			Material	
	Fitting Installation Labor		1	Labor	
	E 10x10 CROSS SCH 40 PVC G x G			Count	
	10x10 CROSS SCH 40 PVC G x G		1	Material	
	Fitting Installation Labor		6	Labor	
	E 12x4 CROSS SCH 40 PVC G x G		U 8	Count	
	12x4 CROSS SCH 40 PVC G x G			Material	
	Fitting Installation Labor			Labor	
	E 12x6 CROSS SCH 40 PVC G x G			Count	
	12x6 CROSS SCH 40 PVC G x G		6	Material	
	Jetting Installation Labor		U 3	Labor	
	E 12x8 CROSS SCH 40 PVC G x G			Count	
	12x8 CROSS SCH 40 PVC G x G			Material	
	- JP Fitting Installation Labor			Labor	
	E 12x10 CROSS SCH 40 PVC G x G		6	Count	
	12x10 CROSS SCH 40 PVC G x G			Material	
	- Japa Fitting Installation Labor			Labor	
	E 12x12 CROSS SCH 40 PVC G x G		11	Count	
	12x12 CROSS SCH 40 PVC G x G			Material	

Name		Description	Division	Type	Color
	🖻 🛅 Reducers		12	Folder	
	E * 6x4 PVC Concentric Reducer GxG			Count	
	6x4 PVC Concentric Reducer GxG			Material	
	Fitting Installation Labor		11 1	Labor	
	E * 8x4 PVC Concentric Reducer GxG		1	Count	
	8x4 PVC Concentric Reducer GxG			Material	
	Fitting Installation Labor			Labor	
	🖃 🐌 8x6 PVC Concentric Reducer GxG			Count	
	8x6 PVC Concentric Reducer GxG		11	Material	
	- Jb Fitting Installation Labor			Labor	
	E . 10x4 PVC Concentric Reducer GxG		9	Count	
	10x4 PVC Concentric Reducer GxG		1	Material	
	Fitting Installation Labor		1	Labor	
	10x6 PVC Concentric Reducer GxG		0	Count	
	10x6 PVC Concentric Reducer GxG		1	Material	
	Fitting Installation Labor			Labor	
	E 10x8 PVC Concentric Reducer GxG		1	Count	
	10x8 PVC Concentric Reducer GxG			Material	
	Fitting Installation Labor		0	Labor	
	E 12x4 PVC Concentric Reducer GxG		11	Count	
	12x4 PVC Concentric Reducer GxG			Material	
	Fitting Installation Labor		10	Labor	
	12x6 PVC Concentric Reducer GxG			Count	
	12x6 PVC Concentric Reducer GxG			Material	
	- Jb Fitting Installation Labor			Labor	
	E 2 12x8 PVC Concentric Reducer GxG			Count	
	12x8 PVC Concentric Reducer GxG		1	Material	
	Fitting Installation Labor			Labor	
	E 2 12x10 PVC Concentric Reducer GxG		0	Count	
	12x10 PVC Concentric Reducer GxG		11 3	Material	
	- JP Fitting Installation Labor			Labor	

Name		Description	Division	Type	Color
🖃 🧰 Plugs and Caps				Folder	
E 4* PVC PLUG SC	CH 40 G			Count	
4" PVC PLU	G SCH 40 G			Material	
🦾 Fitting Inst	allation Labor			Labor	
E : 6* PVC PLUG SC	CH 40 G			Count	
6" PVC PLU	G SCH 40 G			Material	
Fitting Insta	allation Labor			Labor	
B * PVC PLUG SC	CH 40 G			Count	
8" PVC PLU	G SCH 40 G			Material	
Fitting Insta	allation Labor			Labor	
E- 10" PVC PLUG S	CH 40 G			Count	
10" PVC PL	JG SCH 40 G			Material	
- Ja Fitting Insta	allation Labor			Labor	
E 12" PVC PLUG S	CH 40 G			Count	
12" PVC PLU	JG SCH 40 G			Material	
- J Fitting Inst	allation Labor			Labor	
E-14" PVC PLUG S	CH 40 G			Count	
14" PVC PLU	JG SCH 40 G			Material	
🧀 Fitting Inst	allation Labor			Labor	
E 16" PVC PLUG S	CH 40 G			Count	
	JG SCH 40 G			Material	
Fitting Insta	allation Labor			Labor	
E 18" PVC PLUG S	CH 40 G			Count	
18" PVC PL	UG SCH 40 G			Material	
- Ja Fitting Insta	allation Labor			Labor	
E 20" PVC PLUG S	CH 40 G			Count	
20" PVC PLU	JG SCH 40 G			Material	
Jb Fitting Insta	allation Labor			Labor	
E 22" PVC PLUG S	CH 40 G			Count	
22" PVC PL	JG SCH 40 G			Material	1
- Pitting Inst	allation Labor			Labor	
E 24" PVC PLUG S	CH 40 G			Count	
24" PVC PLU	JG SCH 40 G			Material	
- J Fitting Insta	allation Labor			Labor	

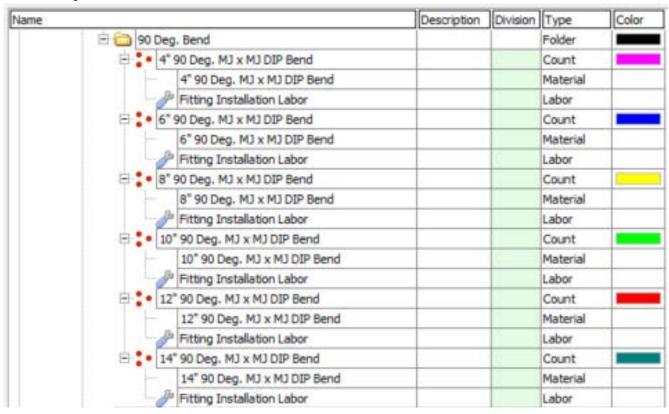
Site Utility—Water Assemblies – Continued

	Description	Division	Type	Colo
E DIP		12 - 1	Folder	-
🖻 🚞 Bends			Folder	
🖻 🛅 5-5/8 Deg. Bend			Folder	
😑 🚦 4" 5-5/8 Deg. MJ x MJ DIP Bend			Count	
4" 5-5/8 Deg. MJ x MJ DIP Bend		1	Material	
Fitting Installation Labor			Labor	
E * 6" 5-5/8 Deg. MJ x MJ DIP Bend		1	Count	
6" 5-5/8 Deg. MJ x MJ DIP Bend			Material	
Fitting Installation Labor		11 1	Labor	
E . 8" 5-5/8 Deg. MJ x MJ DIP Bend		1	Count	1
8" 5-5/8 Deg. MJ x MJ DIP Bend		0	Material	
JP Fitting Installation Labor			Labor	
IO* 5-5/8 Deg. MJ x MJ DIP Bend			Count	
10" 5-5/8 Deg. MJ x MJ DIP Bend		11	Material	
JP Fitting Installation Labor			Labor	
E . 12" 5-5/8 Deg. MJ x MJ DIP Bend		1	Count	-
12" 5-5/8 Deg. MJ x MJ DIP Bend			Material	
- Ju Fitting Installation Labor			Labor	
14" 5-5/8 Deg. MJ x MJ DIP Bend			Count	
14" 5-5/8 Deg. MJ x MJ DIP Bend			Material	
Ja Fitting Installation Labor		1	Labor	
E 🛅 11-1/4 Deg. Bend			Folder	-
E . 4" 11-1/4 Deg. MJ x MJ DIP Bend			Count	
4" 11-1/4 Deg. MJ x MJ DIP Bend			Material	
Fitting Installation Labor	-		Labor	-
E 6 11-1/4 Deg. MJ x MJ DIP Bend			Count	
6" 11-1/4 Deg. MJ x MJ DIP Bend			Material	
- Ju Fitting Installation Labor			Labor	
8 11-1/4 Deg. MJ x MJ DIP Bend			Count	
8" 11-1/4 Deg. MJ x MJ DIP Bend			Material	
Ja Fitting Installation Labor			Labor	
E 10" 11-1/4 Deg. MJ x MJ DIP Bend			Count	
10" 11-1/4 Deg. MJ x MJ DIP Bend			Material	-
Fitting Installation Labor			Labor	-
E 12" 11-1/4 Deg. MJ x MJ DIP Bend			Count	
12" 11-1/4 Deg. MJ x MJ DIP Bend			Material	-
J <sup>b</sup> Fitting Installation Labor			Labor	
E 14* 11-1/4 Deg. M3 x M3 DIP Bend			Count	
14" 11-1/4 Deg. MJ x MJ DIP Bend			Material	-
Fitting Installation Labor			Labor	-

Site Utility—Water Assemblies – Continued

Name		Description	Division	Type	Color
	🖯 🧰 22-1/2 Deg. Bend		1	Folder	
	4" 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	4" 22-1/2 Deg. MJ x MJ DIP Bend		0	Material	
	Fitting Installation Labor			Labor	
	E • 6" 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	6" 22-1/2 Deg. MJ x MJ DIP Bend		6	Material	
	Jacob Fitting Installation Labor			Labor	
	8" 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	8" 22-1/2 Deg. MJ x MJ DIP Bend			Material	
	- Pitting Installation Labor			Labor	
	E . 10" 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	10" 22-1/2 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	E : 12" 22-1/2 Deg. MJ x MJ DIP Bend	-		Count	
	12" 22-1/2 Deg. MJ x MJ DIP Bend		1	Material	
	Fitting Installation Labor		3	Labor	
	E . 14" 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	14" 22-1/2 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor	-		Labor	
	🗄 🧰 30 Deg. Bend			Folder	-
	E 4 30 Deg. MJ x MJ DIP Bend		8	Count	
	4" 30 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor		1	Labor	
	E * 6" 30 Deg. MJ x MJ DIP Bend	-	1	Count	
	6" 30 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor		3	Labor	
	E : 8" 30 Deg. MJ x MJ DIP Bend			Count	
	8" 30 Deg. MJ x MJ DIP Bend		1	Material	
	Fitting Installation Labor	-		Labor	
	E • 10" 30 Deg. MJ x MJ DIP Bend			Count	
	10" 30 Deg. MJ x MJ DIP Bend		6	Material	
	- Pitting Installation Labor			Labor	
	E 12" 30 Deg. MJ x MJ DIP Bend			Count	
	12" 30 Deg. MJ x MJ DIP Bend	-		Material	
	- JP Fitting Installation Labor			Labor	
	E 14" 30 Deg. MJ x MJ DIP Bend		6 3	Count	
	14" 30 Deg. MJ x MJ DIP Bend			Material	
	Ju Fitting Installation Labor			Labor	





ne	Description	Division	Type	Color
🕀 🧰 Wyes		P	Folder	
4x4 WYE SCH 40 DIP MJ x MJ		1	Count	
4x4 WYE SCH 40 DIP MJ x MJ			Material	
Fitting Installation Labor			Labor	-
E 6x4 WYE SCH 40 DIP MJ x MJ			Count	
6x4 WYE SCH 40 DIP M3 x M3		1	Material	_
		-	and succession of the	-
Fitting Installation Labor			Labor	-
E 6x6 WYE SCH 40 DIP MJ x MJ		-	Count	
6x6 WYE SCH 40 DIP MJ x MJ			Material	-
Fitting Installation Labor			Labor	
Bx4 WYE SCH 40 DIP MJ x MJ		-	Count	_
8x4 WYE SCH 40 DIP MJ x MJ			Material	
Fitting Installation Labor		1	Labor	
8x6 WYE SCH 40 DIP MJ x MJ		1	Count	
8x6 WYE SCH 40 DIP MJ x MJ		1.1.1	Material	
- J Fitting Installation Labor			Labor	
E SX8 WYE SCH 40 DIP MJ x MJ			Count	_
8x8 WYE SCH 40 DIP MJ x MJ			Material	
JP Fitting Installation Labor			Labor	
I0x4 WYE SCH 40 DIP MJ x MJ			Count	
10x4 WYE SCH 40 DIP MJ x MJ			Material	-
Fitting Installation Labor		1	Labor	-
E 10x6 WYE SCH 40 DIP MJ x MJ		-	Count	_
			Material	_
10x6 WYE SCH 40 DIP M3 x M3				
Fitting Installation Labor		-	Labor	-
E 10x8 WYE SCH 40 DIP MJ x MJ			Count	_
10x8 WYE SCH 40 DIP MJ x MJ		-	Material	_
Fitting Installation Labor			Labor	
10x10 WYE SCH 40 DIP MJ x MJ		3	Count	
10x10 WYE SCH 40 DIP MJ x MJ		3	Material	
- JP Fitting Installation Labor		1	Labor	
E 12x4 WYE SCH 40 DIP MJ x MJ		1	Count	
12x4 WYE SCH 40 DIP MJ x MJ			Material	
- J Fitting Installation Labor		1	Labor	
E 12x6 WYE SCH 40 DIP MJ x MJ		5	Count	
12x6 WYE SCH 40 DIP MJ x MJ		1	Material	
J Fitting Installation Labor			Labor	-
E 12x8 WYE SCH 40 DIP MJ x MJ			Count	
12x8 WYE SCH 40 DIP MJ x MJ			Material	
Fitting Installation Labor			Labor	-
12x10 WYE SCH 40 DIP MJ x MJ			Count	-
12x10 WYE SCH 40 DIP M3 x M3			Material	-
		-		-
Pitting Installation Labor		-	Labor	-
12x12 WYE SCH 40 DIP MJ x MJ		-	Count	
12x12 WYE SCH 40 DIP MJ x MJ			Material	

me		Description	Division	Type	Color
🖻 🧰 Tees			12 3	Folder	
🕀 🚦 🔹 4x4 TEE SCH	40 DIP MJ x MJ			Count	
4x4 TEE 5	SCH 40 DIP MJ x MJ			Material	
- J Fitting In:	stallation Labor		0	Labor	
E : 6x4 TEE SCH	40 DIP MJ x MJ		1	Count	
6x4 TEE S	CH 40 DIP MJ x MJ		2	Material	
Je Fitting In:	stallation Labor			Labor	
E : 6x6 TEE SCH	40 DIP MJ x MJ			Count	
6x6 TEE S	CH 40 DIP MJ x MJ		11 8	Material	
Fitting In:	stallation Labor		1	Labor	
E : 8x4 TEE SCH	40 DIP MJ x MJ			Count	
8x4 TEE 5	CH 40 DIP MJ x MJ			Material	
JP Fitting In:	stallation Labor			Labor	
B : 8x6 TEE SCH	40 DIP MJ x MJ		0	Count	
8x6 TEE 5	CH 40 DIP MJ x MJ		1	Material	
- Ja Fitting In:	stallation Labor		10	Labor	
E : 8x8 TEE SCH	40 DIP MJ x MJ			Count	
8x8 TEE 5	CH 40 DIP MJ x MJ			Material	
- Je Fitting In:	stallation Labor		0	Labor	
E : 10x4 TEE SCH	H 40 DIP MJ x MJ			Count	
10x4 TEE	SCH 40 DIP MJ x MJ		1	Material	
- Fitting In:	stallation Labor			Labor	
E : 10x6 TEE SCH	H 40 DIP MJ x MJ			Count	
10x6 TEE	SCH 40 DIP MJ x MJ		0.8	Material	
- Je Fitting In:	stallation Labor			Labor	
E : 10x8 TEE SCH	1 40 DIP MJ x MJ		1	Count	
10x8 TEE	SCH 40 DIP MJ x MJ		1	Material	
Je Fitting In:	stallation Labor		11 3	Labor	
10x10 TEE SC			0	Count	
10x10 TE	E SCH 40 DIP MJ x MJ		1	Material	
- Je Fitting In:	stallation Labor			Labor	
E : 12x4 TEE SCH	H 40 DIP MJ x MJ			Count	
	SCH 40 DIP MJ x MJ			Material	
- Je Fitting In:	stallation Labor		11	Labor	
- : 12x6 TEE SCH	H 40 DIP MJ x MJ		1	Count	
12x6 TEE	SCH 40 DIP MJ x MJ	5	1	Material	
- Je Fitting In:	stallation Labor			Labor	
E 12x8 TEE SCH	H 40 DIP MJ x MJ			Count	
12x8 TEE	SCH 40 DIP MJ x MJ			Material	
Je Fitting Ins	stallation Labor		1	Labor	
E : 12x10 TEE SO			1	Count	
the second s	E SCH 40 DIP MJ x MJ			Material	
- Fitting In:	stallation Labor			Labor	
= : 12x12 TEE SC				Count	
12x12 TE	E SCH 40 DIP MJ x MJ			Material	



Name		Description	Division	Туре	Color
🖻 🚞 Reducers			12	Folder	
E 6x4 DIP Concentric Reduce	er MJxMJ			Count	
6x4 DIP Concentric Red	ducer MJxMJ			Material	
🥜 Fitting Installation Labo	pr			Labor	
B 2 8x4 DIP Concentric Reduce	CMxCM 18		1 3	Count	
8x4 DIP Concentric Rec	ducer MJxMJ			Material	
🥔 Fitting Installation Labo	pr			Labor	
🖃 🍨 8x6 DIP Concentric Reduce	er MJxMJ			Count	
8x6 DIP Concentric Rec	ducer MJxMJ			Material	
Fitting Installation Labor	or		1	Labor	
E : 10x4 DIP Concentric Reduc	cer MJxMJ			Count	
10x4 DIP Concentric Re	educer MJxMJ			Material	
Fitting Installation Labor	or			Labor	
10x6 DIP Concentric Reduce	cer MJxMJ		0	Count	
10x6 DIP Concentric Re	educer MJxMJ		1	Material	
🚽 🖉 Fitting Installation Labo	or			Labor	
E 10x8 DIP Concentric Reduc	cer MJxMJ			Count	
10x8 DIP Concentric Re	educer MJxMJ			Material	
Fitting Installation Laboration	pr		0	Labor	
E 12x4 DIP Concentric Reduc	cer MJxMJ		11	Count	
12x4 DIP Concentric Re	educer MJxMJ			Material	
🚽 🖉 Fitting Installation Labo	pr -		10	Labor	
12x6 DIP Concentric Reduce	cer MJxMJ			Count	
12x6 DIP Concentric Re	educer MJxMJ			Material	
- JP Fitting Installation Labo	or .			Labor	
E 12x8 DIP Concentric Reduc	cer MJxMJ			Count	
12x8 DIP Concentric Re	educer MJxMJ			Material	
Fitting Installation Labor	or			Labor	
E 12x10 DIP Concentric Redu	ucer MJxMJ			Count	1
12x10 DIP Concentric F	Reducer MJxMJ		1	Material	
- Ja Fitting Installation Labo	or			Labor	-

Name		Description	Division	Type	Color
🖻 🛅 Plugs and	Caps		(° )	Folder	
😑 🚺 🕯 🕂 DIF	PLUG SCH 40 MJ		1	Count	
- 4	DIP PLUG SCH 40 MJ			Material	
- Ja Fi	tting Installation Labor		0	Labor	
😑 🚦 • 6" DIF	PLUG SCH 40 MJ			Count	
6	DIP PLUG SCH 40 MJ			Material	
- Ja Fi	tting Installation Labor		0	Labor	
8" DIF	PLUG SCH 40 MJ			Count	
- 8	DIP PLUG SCH 40 MJ			Material	
- Jh Fi	tting Installation Labor			Labor	
😑 🚺 • 10° D	IP PLUG SCH 40 MJ			Count	
- 10	0" DIP PLUG SCH 40 MJ		0	Material	91
JA FI	tting Installation Labor			Labor	
😑 🔹 12° D	IP PLUG SCH 40 MJ		0	Count	
- 1	2" DIP PLUG SCH 40 MJ		10	Material	
- da Fi	tting Installation Labor			Labor	
🗄 🚺 • 14" D	IP PLUG SCH 40 MJ		4	Count	
- 1	4" DIP PLUG SCH 40 MJ			Material	
Ja Fi	tting Installation Labor		0	Labor	
🕀 🚺 • 16" D	IP PLUG SCH 40 MJ		10	Count	
10	5" DIP PLUG SCH 40 MJ			Material	
- JP FI	tting Installation Labor		ŝ - 3	Labor	93
😑 📜 • 18" D	IP PLUG SCH 40 MJ			Count	
- 1	3" DIP PLUG SCH 40 MJ			Material	
- Ja Fi	tting Installation Labor		11	Labor	4
🕀 🚺 20° D	IP PLUG SCH 40 MJ			Count	1
- 2	0" DIP PLUG SCH 40 MJ		6	Material	
Ja Fi	tting Installation Labor			Labor	
😑 🛟 • 22° D	IP PLUG SCH 40 MJ			Count	
- 2	2" DIP PLUG SCH 40 MJ		10 8	Material	
Ja Fi	tting Installation Labor			Labor	
😑 🚺 • 24" D	IP PLUG SCH 40 MJ		9	Count	
- 24	4" DIP PLUG SCH 40 MJ			Material	
- P Fi	tting Installation Labor			Labor	

Site	Utility	/—Fire	Assemblies
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Name		Description	Division	Туре	Color
🖻 🧰 Fire				Folder	
E C Pipe			1	Folder	
E C PV	c			Folder	
e In	2" PVC SDR 35		1 1	Linear	
	2" x 20' PVC SDR 35		1 8	Material	
	Pipe Laying Labor		1	Labor	
BIT	3" PVC SDR 35		ų —	Linear	
	3" x 20' PVC SDR 35		1	Material	
	🖉 Pipe Laying Labor		1.1.1	Labor	
B [-	4" PVC SDR 35		1 8	Linear	
	4" x 20' PVC SDR 35		1	Material	
1	J Pipe Laying Labor			Labor	
e In	6" PVC SDR 35		1	Linear	
	6" x 20' PVC SDR 35			Material	
-	Pipe Laying Labor			Labor	
B [-	8" PVC SDR 35		1	Linear	
	8" x 20' PVC SDR 35		0 3	Material	
	Pipe Laying Labor		1	Labor	
BIT	10" PVC SDR 35			Linear	
	10" x 20' PVC SDR 35			Material	
	Pipe Laying Labor		1	Labor	
E In	12" PVC SDR 35			Linear	
-	12" x 20' PVC SDR 35		3	Material	
	Pipe Laying Labor		1 8	Labor	

	517	Description	Division	Type	Colo
E C HDF	E			Folder	
e In	4" HDPE CLASS 3		6	Linear	
	4" x 20' HDPE CLASS 3			Material	
-	Pipe Laying Labor		0	Labor	
	6" HDPE CLASS 3			Linear	
	6" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor		9	Labor	
8 II	8" HDPE CLASS 3	-		Linear	
-	8" x 20' HDPE CLASS 3		0	Material	
	Jh Pipe Laying Labor		11	Labor	
8 L-1	10" HDPE CLASS 3			Linear	
	10" x 20' HDPE CLASS 3		0=	Material	
	Pipe Laying Labor			Labor	
e [=	12" HDPE CLASS 3		0	Linear	
I I F	12" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor			Labor	
- I-1	14" HDPE CLASS 3		6	Linear	
	14" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor		0	Labor	
- I-1	16" HDPE CLASS 3			Linear	
H	16" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor		ŝ - }	Labor	
	18" HDPE CLASS 3		1	Linear	
F	18" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor		11 - 3	Labor	
= <u> -</u>	20" HDPE CLASS 3		1	Linear	
	20" x 20' HDPE CLASS 3		6	Material	
	Pipe Laying Labor		1	Labor	
e [-	22" HDPE CLASS 3		J	Linear	
	22" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor		1	Labor	
= I-1	24" HDPE CLASS 3		\$ P	Linear	
	24" x 20' HDPE CLASS 3		11 - 5	Material	
	Pipe Laying Labor			Labor	
	30" HDPE CLASS 3			Linear	
	30" x 20' HDPE CLASS 3		1	Material	
	Pipe Laying Labor		5	Labor	-
	36" HDPE CLASS 3		1	Linear	
	36" x 20' HDPE CLASS 3			Material	
	hipe Laying Labor			Labor	
0 la	42" HDPE CLASS 3			Linear	
	42" x 20' HDPE CLASS 3		0	Material	9

Site Utility—Fire Assemblies -- Continued

ame	Description	Division	Type	Color
		12	Folder	
E I 3" DIP			Linear	
			Material	
DIP Install Labor			Labor	
E-I-I 4"DIP			Linear	
4" x 20' MJ DIP			Material	
DIP Install Labor			Labor	1
E 1 6" DIP			Linear	
6" x 20' MJ DIP		11.1.1	Material	
DIP Install Labor		1	Labor	
E 1 8" DIP			Linear	
8" x 20" MJ DIP			Material	
JIP Install Labor			Labor	
- 10" DIP			Linear	
10" x 20' MJ DIP			Material	
DIP Install Labor			Labor	
- 12" DIP			Linear	-
12" x 20' MJ DIP			Material	
DIP Instal Labor		11	Labor	
E 14" DIP		11	Linear	
14" x 20' MJ DIP			Material	
JIP Install Labor		10	Labor	
E 16" DIP			Linear	
16" x 20' MJ DIP		11	Material	
DIP Install Labor		1	Labor	
🖃 🔄 18" DIP			Linear	
18" x 20' MJ DIP			Material	
DIP Install Labor			Labor	
- 1-1 20" DIP			Linear	
20" x 20' MJ DIP		11	Material	
DIP Install Labor			Labor	
= 1 22" DIP			Linear	
22" x 20' MJ DIP			Material	
JIP Install Labor			Labor	
= 1 24" DIP			Linear	
24" x 20' MJ DIP	5		Material	
JIP Install Labor			Labor	

Site Utility—Fire Assemblies -- Continued

	Description	Division	Type	Colo
Calves			Folder	
🕀 🏮 Valve Box Ring and Lid		6	Count	
Valve Box Ring and Lid	-		Material	
Valve Box Install Labor		1	Labor	
😑 🛅 Gate Valves			Folder	
🖻 🧰 Wedge Gate Valves			Folder	
2" Resilient Wedge Gate Valve		1	Count	
2" Resilient Wedge Gate Valve	-	1	Material	
Valve Installation Labor			Labor	
4* Resilient Wedge Gate Valve			Count	
4" Resilient Wedge Gate Valve			Material	
Valve Installation Labor		9	Labor	
6" Resilient Wedge Gate Valve			Count	
6" Resilient Wedge Gate Valve			Material	
Valve Installation Labor			Labor	
😑 🏮 8" Resilient Wedge Gate Valve			Count	
8* Resilient Wedge Gate Valve		4	Material	5
Valve Installation Labor			Labor	
😑 🐌 10" Resilient Wedge Gate Valve			Count	
10" Resilient Wedge Gate Valve		10	Material	
- Jave Installation Labor			Labor	
12" Resilient Wedge Gate Valve		6	Count	
12" Resilient Wedge Gate Valve		1	Material	
- Jalve Installation Labor			Labor	
🕀 🤰 14" Resilient Wedge Gate Valve		0	Count	
14" Resilient Wedge Gate Valve		1	Material	
- Jalve Installation Labor		6	Labor	
🕀 🚺 16" Reslient Wedge Gate Valve			Count	
16" Resilient Wedge Gate Valve			Material	
Valve Installation Labor			Labor	
18" Resilient Wedge Gate Valve			Count	
18" Resilient Wedge Gate Valve		6 5	Material	
Ju Valve Installation Labor			Labor	
20" Resilient Wedge Gate Valve			Count	
20" Resilent Wedge Gate Valve		11	Material	
Valve Installation Labor			Labor	
E 22" Resilient Wedge Gate Valve		6	Count	
22" Resilient Wedge Gate Valve		1	Material	
Valve Installation Labor			Labor	
E 24" Resilient Wedge Gate Valve			Count	
24" Resilient Wedge Gate Valve		1	Material	
Jave Installation Labor		1	Labor	-



Name		Description	Division	Type	Color
🖻 🧰 Double D	sc Gate Valve		8	Folder	
E 2*C	ouble Disc Gate Valve			Count	
	2* Double Disc Gate Valve		1	Material	
- P V	alve Installation Labor			Labor	
B • 4"0	ouble Disc Gate Valve			Count	
	4" Double Disc Gate Valve		0 3	Material	
Ja V	alve Installation Labor			Labor	
B :• 6"D	ouble Disc Gate Valve		1	Count	
	6" Double Disc Gate Valve		1	Material	
- J= V	alve Installation Labor			Labor	
B :• 8"C	ouble Disc Gate Valve			Count	
H- I	8" Double Disc Gate Valve			Material	
- @ V	alve Installation Labor			Labor	
E • 10"	Double Disc Gate Valve		1	Count	
	10" Double Disc Gate Valve			Material	
- Ja V	alve Installation Labor			Labor	
E 12"	Double Disc Gate Valve			Count	
	12" Double Disc Gate Valve		1	Material	
- Br V	alve Installation Labor			Labor	
8 14	Double Disc Gate Valve			Count	1
- 1	14" Double Disc Gate Valve			Material	
JP V	alve Installation Labor			Labor	
B . 16"	Double Disc Gate Valve			Count	
	16" Double Disc Gate Valve		1	Material	
Ja V	alve Installation Labor			Labor	
E . 18"	Double Disc Gate Valve		1	Count	
	18" Double Disc Gate Valve		U 3	Material	
- 32 V	alve Installation Labor			Labor	
E . 20"	Double Disc Gate Valve			Count	
	20" Double Disc Gate Valve		1	Material	
- 3ª V	alve Installation Labor	S	6	Labor	
E 22"	Double Disc Gate Valve			Count	
	22" Double Disc Gate Valve			Material	
- 0° V	alve Installation Labor			Labor	
E . 24"	Double Disc Gate Valve			Count	
-	24" Double Disc Gate Valve		6 8	Material	1
BY	alve Installation Labor			Labor	

ne		Description	Division	Type	Color
E 🔁 🗄	Outterfly Valves		12	Folder	
	2" Butterfly Valve		6	Count	
	2" Butterfly Valve			Material	
	Jalve Installation Labor		0	Labor	
	4" Butterfly Valve			Count	
	4" Butterfly Valve		1	Material	
	Valve Installation Labor		4 3	Labor	
8	6" Butterfly Valve			Count	
	6" Butterfly Valve		0	Material	
	Jalve Installation Labor		11	Labor	
8	<ul> <li>8" Butterfly Valve</li> </ul>			Count	
	8" Butterfly Valve		Q 3	Material	9
	Valve Installation Labor			Labor	
	<ul> <li>10" Butterfly Valve</li> </ul>		0	Count	
	10" Butterfly Valve		10 3	Material	
	Valve Installation Labor			Labor	
8	<ul> <li>12" Butterfly Valve</li> </ul>		4	Count	
	12" Butterfly Valve		11 1	Material	
	Jalve Installation Labor		0	Labor	
	<ul> <li>14" Butterfly Valve</li> </ul>			Count	
	14" Butterfly Valve			Material	
	Valve Installation Labor		ĝ	Labor	
8	<ul> <li>16" Butterfly Valve</li> </ul>			Count	
	16" Butterfly Valve		0	Material	
	Valve Installation Labor		11 8	Labor	
8	<ul> <li>18" Butterfly Valve</li> </ul>			Count	
	18" Butterfly Valve		4	Material	
	- Jalve Installation Labor		3	Labor	
8	<ul> <li>20" Butterfly Valve</li> </ul>		0	Count	
	20" Butterfly Valve		11 3	Material	
	Jalve Installation Labor			Labor	
	22" Butterfly Valve		9	Count	
	22" Butterfly Valve			Material	
	Valve Installation Labor			Labor	
	<ul> <li>24" Butterfly Valve</li> </ul>			Count	
	24" Butterfly Valve			Material	

		the second se	Color
	12 3	Folder	
		Count	
		Material	
	0	Labor	
	11	Count	
		Material	
		Labor	
		Count	
	1	Material	
	11 S	Labor	
	1	Count	
		Material	
		Labor	
	0	Count	
	1	Material	
		Labor	
		Count	
		Material	
	0 3	Labor	
	11	Count	1
	1	Material	
	10	Labor	
		Count	
		Material	
	11	Labor	
		Count	
		Material	
		Labor	
	0	Count	
		Material	
5		Labor	
		Count	
		Material	
		Labor	
	11 3	Count	
5		Material	
			CountMaterialImage: Image: Im

lame	Description	Division	Туре	Color
EPV (Eccentric Plug Valves)		1	Folder	
2" Eccentric Plug Valve			Count	
2" Eccentric Plug Valve			Material	
Valve Installation Labor			Labor	
= • 4" Eccentric Plug Valve			Count	
4" Eccentric Plug Valve	•		Material	
Valve Installation Labor			Labor	
6" Eccentric Plug Valve			Count	
6° Eccentric Plug Valve	£2		Material	
Valve Installation Labor	18		Labor	
8" Eccentric Plug Valve			Count	
8" Eccentric Plug Valve	8		Material	
Valve Installation Labor			Labor	
10" Eccentric Plug Valve			Count	
10" Eccentric Plug Val	/e		Material	
Valve Installation Labor			Labor	
12" Eccentric Plug Valve			Count	
12" Eccentric Plug Val	/e		Material	
Valve Installation Labor			Labor	_
14" Eccentric Plug Valve			Count	
14" Eccentric Plug Val	/e		Material	
Valve Installation Labor			Labor	
16" Eccentric Plug Valve			Count	
16" Eccentric Plug Val	/e		Material	
Valve Installation Labor	8		Labor	
18" Eccentric Plug Valve			Count	
18" Eccentric Plug Val	/e		Material	
Valve Installation Labor			Labor	1
20" Eccentric Plug Valve			Count	
20" Eccentric Plug Val	/e		Material	
Valve Installation Labor			Labor	
22" Eccentric Plug Valve			Count	
22" Eccentric Plug Val	/e		Material	
Valve Installation Labor			Labor	
24" Eccentric Plug Valve			Count	
24" Eccentric Plug Val	/e		Material	
Valve Installation Labor			Labor	

ne	Description	Division	Type	Color
Fittings	1		Folder	
PVC		1	Folder	
🕀 😋 Bends			Folder	
😑 🚞 5-5/8 Deg. Bend			Folder	
E 4* 5-5/8 Deg. G x G PVC Bend			Count	
4" 5-5/8 Deg. G x G PVC Bend			Material	
- Pitting Installation Labor			Labor	
😑 🍃 6° 5-5/8 Deg. G x G PVC Bend			Count	
6" 5-5/8 Deg. G x G PVC Bend			Material	
- Fitting Installation Labor		1	Labor	
🖃 🗧 8° 5-5/8 Deg. G x G PVC Bend			Count	
8" 5-5/8 Deg. G x G PVC Bend		6 3	Material	
Fitting Installation Labor		1	Labor	
😑 🔮 10° 5-5/8 Deg. G x G PVC Bend			Count	
10" 5-5/8 Deg. G x G PVC Bend		8	Material	
Fitting Installation Labor			Labor	
E . 12" 5-5/8 Deg. G x G PVC Bend		(	Count	
12" 5-5/8 Deg. G x G PVC Bend		1	Material	
- Pitting Installation Labor			Labor	
🖃 🔹 14* 5-5/8 Deg. G x G PVC Bend			Count	
14" 5-5/8 Deg. G x G PVC Bend			Material	
- Pitting Installation Labor		6	Labor	
🕀 🚞 11-1/4 Deg. Bend			Folder	
4° 11-1/4 Deg. G x G PVC Bend			Count	
4" 11-1/4 Deg. G x G PVC Bend		8	Material	
Ja Fitting Installation Labor			Labor	
🖃 🏮 6° 11-1/4 Deg. G x G PVC Bend			Count	
6" 11-1/4 Deg. G x G PVC Bend			Material	
- Japan Fitting Installation Labor			Labor	
🖃 🔮 8° 11-1/4 Deg. G x G PVC Bend			Count	
8" 11-1/4 Deg. G x G PVC Bend			Material	
- Pitting Installation Labor		6	Labor	
E • 10" 11-1/4 Deg. G x G PVC Bend			Count	
10" 11-1/4 Deg. G x G PVC Bend			Material	
- Pitting Installation Labor			Labor	
E 12" 11-1/4 Deg. G x G PVC Bend			Count	
12* 11-1/4 Deg. G x G PVC Bend			Material	
Fitting Installation Labor		1	Labor	
🖃 🗧 14" 11-1/4 Deg. G x G PVC Bend			Count	
14" 11-1/4 Deg. G x G PVC Bend			Material	

Site Utility—Fire Assemblies -- Continued

Name		Description	Division	Type	Color
	🕀 🧰 22-1/2 Deg. Bend			Folder	
	😑 🚦 4* 22-1/2 Deg. G x G PVC Bend			Count	-
	4" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E • 6" 22-1/2 Deg. G x G PVC Bend			Count	
	6" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	8" 22-1/2 Deg. G x G PVC Bend			Count	
	8" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E : 10" 22-1/2 Deg. G x G PVC Bend			Count	
	10" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E : 12" 22-1/2 Deg. G x G PVC Bend			Count	
	12" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E 14* 22-1/2 Deg. G x G PVC Bend			Count	
	14" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	🖃 🧰 30 Deg. Bend			Folder	
	E . 4" 30 Deg. G x G PVC Bend			Count	
	4* 30 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E * 6" 30 Deg. G x G PVC Bend			Count	
	6" 30 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor	2		Labor	
	E * 8* 30 Deg. G x G PVC Bend			Count	
	8° 30 Deg. G x G PVC Bend			Material	
	Pitting Installation Labor			Labor	
	E 10" 30 Deg. G x G PVC Bend			Count	
	10" 30 Deg. G x G PVC Bend	12		Material	
	Fitting Installation Labor			Labor	
	E : 12" 30 Deg. G x G PVC Bend			Count	
	12" 30 Deg. G x G PVC Bend			Material	
	- January Fitting Installation Labor			Labor	
	E 14" 30 Deg. G x G PVC Bend			Count	
	14" 30 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	

Name		Description	Division	Type	Color
1 1 1	😑 🚞 45 Deg. Bend	1		Folder	
	😑 🚦 🖣 4" 45 Deg. G x G PVC Bend		6	Count	
	4" 45 Deg. G x G PVC Bend			Material	
	- J Fitting Installation Labor			Labor	
	E * 6* 45 Deg. G x G PVC Bend			Count	
	6" 45 Deg. G x G PVC Bend			Material	
	- January Fitting Installation Labor		0	Labor	
	😑 🏅 🔹 8° 45 Deg. G x G PVC Bend		-	Count	
	8" 45 Deg. G x G PVC Bend			Material	
	- January Fitting Installation Labor		1	Labor	
	E : 10° 45 Deg. G x G PVC Bend		1	Count	
	10" 45 Deg. G x G PVC Bend		0	Material	
	- Fitting Installation Labor		1	Labor	
	E * 12" 45 Deg. G x G PVC Bend			Count	
	12" 45 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E : 14" 45 Deg. G x G PVC Bend		8 9	Count	
	14" 45 Deg. G x G PVC Bend			Material	
	- J Fitting Installation Labor			Labor	
	🕀 🧰 60 Deg. Bend			Folder	
	= 4° 60 Deg. G x G PVC Bend			Count	
	4" 60 Deg. G x G PVC Bend		1	Material	
	Fitting Installation Labor			Labor	
	E * 6" 60 Deg. G x G PVC Bend			Count	
	6" 60 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E * 8* 60 Deg. G x G PVC Bend		0	Count	
	8" 60 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E • 10* 60 Deg. G x G PVC Bend			Count	
	10" 60 Deg. G x G PVC Bend		1	Material	
	Fitting Installation Labor		16 1	Labor	
	E 12" 60 Deg. G x G PVC Bend			Count	
	12" 60 Deg. G x G PVC Bend			Material	
	- J Fitting Installation Labor			Labor	
	E . 14" 60 Deg. G x G PVC Bend			Count	
	14" 60 Deg. G x G PVC Bend		6	Material	
	Fitting Installation Labor			Labor	

Name		Description	Division	Type	Color
86	90 Deg. Bend			Folder	
E	4" 90 Deg. G x G PVC Bend			Count	
	4" 90 Deg. G x G PVC Bend		0	Material	
	Fitting Installation Labor			Labor	
E	6" 90 Deg. G x G PVC Bend		6	Count	
	6" 90 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor		0	Labor	-
E	8° 90 Deg. G x G PVC Bend			Count	
	8" 90 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor		6	Labor	ð)
E	10" 90 Deg. G x G PVC Bend			Count	
	10" 90 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor		1 3	Labor	
E	12" 90 Deg. G x G PVC Bend			Count	
	12" 90 Deg. G x G PVC Bend		6	Material	9
	Fitting Installation Labor			Labor	
8	14* 90 Deg. G x G PVC Bend			Count	
	14" 90 Deg. G x G PVC Bend		10 8	Material	
	- Fitting Installation Labor			Labor	

Site Utility—Fire Assemblies -- Continued



me		Description	Division	Type	Color
	🖻 🗀 Wyes			Folder	
	E 4x4 WYE SCH 40 PVC G x G			Count	
	4x4 WYE SCH 40 PVC G x G		1	Material	
	Ja Fitting Installation Labor			Labor	
	E 6x4 WYE SCH 40 PVC G x G		1	Count	-
	6x4 WYE SCH 40 PVC G x G			Material	
	- JP Fitting Installation Labor			Labor	
	E to 6x6 WYE SCH 40 PVC G x G			Count	
	6x6 WYE SCH 40 PVC G x G			Material	_
	Fitting Installation Labor			Labor	-
	E 8x4 WYE SCH 40 PVC G x G			Count	-
	8x4 WYE SCH 40 PVC G x G			Material	-
	Briting Installation Labor			Labor	-
	e sx6 WYE SCH 40 PVC G x G			Count	-
	8x6 WYE SCH 40 PVC G x G			Material	_
	Fitting Installation Labor			Labor	_
	E 8x8 WYE SCH 40 PVC G x G			Count	_
	8x8 WYE SCH 40 PVC G x G			Material	
	Fitting Installation Labor			Labor	
	E 10x4 WYE SCH 40 PVC G x G		1	Count	_
	10x4 WYE SCH 40 PVC G x G			Material	-
	Fitting Installation Labor			Labor	-
	E 10x6 WYE SCH 40 PVC G x G			Count	-
	10x6 WYE SCH 40 PVC G x G			Material	
	Fitting Installation Labor		1	Labor	
	E 10x8 WYE SCH 40 PVC G x G			Count	
	10x8 WYE SCH 40 PVC G x G			Material	
	- Ja Fitting Installation Labor			Labor	
	E 10x10 WYE SCH 40 PVC G x G			Count	
	10x10 WYE SCH 40 PVC G x G			Material	
	Fitting Installation Labor			Labor	
	E 12x4 WYE SCH 40 PVC G x G			Count	
	12x4 WYE SCH 40 PVC G x G		11	Material	
	- J Fitting Installation Labor		1	Labor	
	E 12x6 WYE SCH 40 PVC G x G			Count	
	12x6 WYE SCH 40 PVC G x G			Material	
	Fitting Installation Labor			Labor	
	E 12x8 WYE SCH 40 PVC G x G			Count	
	12x8 WYE SCH 40 PVC G x G			Material	
	Jahr Fitting Installation Labor		1	Labor	
	= 12x10 WYE SCH 40 PVC G x G			Count	-
	12x10 WYE SCH 40 PVC G x G			Material	
	All Fitting Installation Labor			Labor	-
	12x12 WYE SCH 40 PVC G x G		-	Count	
	12x12 WYE SCH 40 PVC G x G			Material	-
	Fitting Installation Labor			Labor	-

	Description	Division	Туре
🖻 🧰 Tees			Folder
4x4 TEE SCH 40 PVC G x G			Count
4x4 TEE SCH 40 PVC G x G			Material
Fitting Installation Labor			Labor
E to 6x4 TEE SCH 40 PVC G x G			Count
6x4 TEE SCH 40 PVC G x G		6	Material
Fitting Installation Labor			Labor
E 6x6 TEE SCH 40 PVC G x G			Count
6x6 TEE SOH 40 PVC G x G			Material
Fitting Installation Labor			Labor
E . 8x4 TEE SCH 40 PVC G x G		1	Count
8x4 TEE SCH 40 PVC G x G			Material
- J Fitting Installation Labor			Labor
B to any a state of the call			Count
8x6 TEE SCH 40 PVC G x G			Material
			Labor
Fitting Installation Labor			
8x8 TEE SCH 40 PVC G x G			Count Material
Fitting Installation Labor			Labor
E 10x4 TEE SCH 40 PVC G x G			Count
10x4 TEE SCH 40 PVC G x G		0	Material
Fitting Installation Labor			Labor
E 10x6 TEE SCH 40 PVC G x G			Count
10x6 TEE SCH 40 PVC G x G		1	Material
Fitting Installation Labor			Labor
E 10x8 TEE SCH 40 PVC G x G		1	Count
10x8 TEE SCH 40 PVC G x G			Material
- JP Fitting Installation Labor			Labor
10x10 TEE SCH 40 PVC G x G			Count
10x10 TEE SCH 40 PVC G x G			Material
Fitting Installation Labor		6	Labor
E 12x4 TEE SCH 40 PVC G x G			Count
12x4 TEE SCH 40 PVC G x G			Material
- J Fitting Installation Labor			Labor
E 12x6 TEE SCH 40 PVC G x G			Count
12x6 TEE SCH 40 PVC G x G		6	Material
J Fitting Installation Labor			Labor
E 12x8 TEE SCH 40 PVC G x G			Count
12x8 TEE SCH 40 PVC G x G			Material
Pitting Installation Labor			Labor
E 12x10 TEE SCH 40 PVC G x G		1	Count
12x10 TEE SCH 40 PVC G x G			Material
Jack In the sch 40 PVC G x G			Labor
12x12 TEE SCH 40 PVC G x G			Count
12x12 TEE SCH 40 PVC G x G			Material

Site Utility—Fire Assemblies -- Continued

	Description	Division	Type
Crosses		12	Folder
🕀 🐌 4x4 CROSS SCH 40 PVC G x G			Count
4x4 CROSS SCH 40 PVC G x G			Material
- J Fitting Installation Labor			Labor
E 6x4 CROSS SCH 40 PVC G x G		1 3	Count
6x4 CROSS SCH 40 PVC G x G			Material
- J Fitting Installation Labor			Labor
E . 6x6 CROSS SCH 40 PVC G x G			Count
6x6 CROSS SCH 40 PVC G x G			Material
			Labor
Fitting Installation Labor			
E . 8x4 CROSS SCH 40 PVC G x G			Count
8x4 CROSS SCH 40 PVC G x G		-	Material
Fitting Installation Labor			Labor
E Sx6 CROSS SCH 40 PVC G x G			Count
8x6 CROSS SCH 40 PVC G x G		11 3	Material
Fitting Installation Labor			Labor
E * 8x8 CROSS SCH 40 PVC G x G		8	Count
8x8 CROSS SCH 40 PVC G x G			Material
Fitting Installation Labor			Labor
E 10x4 CROSS SCH 40 PVC G x G			Count
10x4 CROSS SCH 40 PVC G x G		12	Material
Fitting Installation Labor			Labor
E 10x6 CROSS SCH 40 PVC G x G			Count
10x6 CROSS SCH 40 PVC G x G			Material
			Labor
Fitting Installation Labor			
E 10x8 CROSS SCH 40 PVC G x G			Count
10x8 CROSS SCH 40 PVC G x G			Material
Fitting Installation Labor			Labor
E 10x10 CROSS SCH 40 PVC G x G			Count
10x10 CROSS SCH 40 PVC G x G		11 3	Material
Fitting Installation Labor			Labor
E 12x4 CROSS SCH 40 PVC G x G			Count
12x4 CROSS SCH 40 PVC G x G			Material
- J Fitting Installation Labor			Labor
E 12x6 CROSS SCH 40 PVC G x G		11 3	Count
12x6 CROSS SCH 40 PVC G x G			Material
JP Fitting Installation Labor			Labor
E 12x8 CROSS SCH 40 PVC G x G			Count
12x8 CROSS SCH 40 PVC G x G			Material
JP Fitting Installation Labor			Labor
12x10 CROSS SCH 40 PVC G x G			Count
12x10 CROSS SCH 40 PVC G x G			Material
Fitting Installation Labor			Labor
E 12x12 CROSS SCH 40 PVC G x G			Count
12x12 CROSS SCH 40 PVC G x G			Material

Site Utility— Fire Assemblies -- Continued

Name	Description	Division	Type	Color
🕀 🚞 Reducers		1	Folder	
6x4 PVC Concentric Reducer GxG			Count	
6x4 PVC Concentric Reducer G	xG		Material	1
- JP Fitting Installation Labor			Labor	
E 8x4 PVC Concentric Reducer GxG			Count	1
8x4 PVC Concentric Reducer G	xG		Material	
Fitting Installation Labor			Labor	
😑 🍨 8x6 PVC Concentric Reducer GxG			Count	
8x6 PVC Concentric Reducer G	xG		Material	
Fitting Installation Labor			Labor	-
E : 10x4 PVC Concentric Reducer GxG	8		Count	
10x4 PVC Concentric Reducer (	GxG		Material	
Jb Fitting Installation Labor	6		Labor	1
E : 10x6 PVC Concentric Reducer GxG			Count	
10x6 PVC Concentric Reducer (	GxG		Material	
Pitting Installation Labor			Labor	
E 10x8 PVC Concentric Reducer GxG			Count	
10x8 PVC Concentric Reducer 0	GxG		Material	1
Fitting Installation Labor			Labor	
E 12x4 PVC Concentric Reducer GxG			Count	
12x4 PVC Concentric Reducer (	GxG		Material	
Je Fitting Installation Labor			Labor	
E 12x6 PVC Concentric Reducer GxG			Count	
12x6 PVC Concentric Reducer (	GxG		Material	
Fitting Installation Labor			Labor	
12x8 PVC Concentric Reducer GxG	9.1		Count	
12x8 PVC Concentric Reducer (	GxG		Material	
Ja Fitting Installation Labor			Labor	
E : 12x10 PVC Concentric Reducer Gx	G		Count	
12x10 PVC Concentric Reducer	GxG		Material	
- Jap Fitting Installation Labor			Labor	

Site Utility— Fire Assemblies -- Continued

Name	Description	Division	Type	Color
E D Plugs and Caps		12	Folder	
E . 4" PVC PLUG SCH 40 G			Count	
4" PVC PLUG SCH 40 G			Material	
- J Fitting Installation Labo	pr		Labor	
6* PVC PLUG SCH 40 G		1 3	Count	
6" PVC PLUG SCH 40 G			Material	
Fitting Installation Labor	or .		Labor	
E * 8" PVC PLUG SCH 40 G			Count	
8" PVC PLUG SCH 40 G			Material	
Fitting Installation Labor	or	1	Labor	
E . 10" PVC PLUG SCH 40 G		1	Count	1
10" PVC PLUG SCH 40	G	1	Material	
Fitting Installation Labor	or		Labor	
E 12" PVC PLUG SCH 40 G		0	Count	
12* PVC PLUG SCH 40	G		Material	
🚽 🖉 Fitting Installation Labo	or l		Labor	
E 14" PVC PLUG SCH 40 G		1	Count	
14" PVC PLUG SCH 40	G		Material	
Fitting Installation Laboration	pr	0	Labor	
E 16" PVC PLUG SCH 40 G		11 3	Count	1
16" PVC PLUG SCH 40	G	1	Material	
Fitting Installation Labor	or l	10	Labor	
E 18" PVC PLUG SCH 40 G			Count	
18" PVC PLUG SCH 40	G		Material	
- JP Fitting Installation Labo	or .	11	Labor	
E 20" PVC PLUG SCH 40 G			Count	
20" PVC PLUG SCH 40	G	11 1	Material	
Fitting Installation Laboration	or .		Labor	
E 22" PVC PLUG SCH 40 G			Count	
22" PVC PLUG SCH 40	G		Material	
- Pitting Installation Labo	or .	1	Labor	
E 24* PVC PLUG SCH 40 G			Count	
24" PVC PLUG SCH 40	G		Material	
Fitting Installation Laboration	or	11	Labor	

Site Utility—Fire Assemblies -- Continued

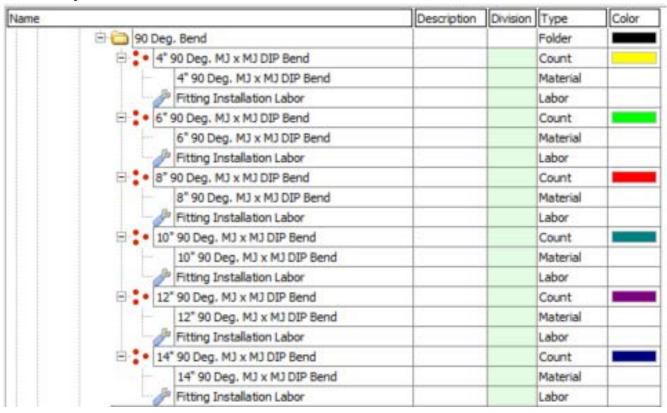
		Description	Division	Type	Colo
80	DIP			Folder	
8	Bends			Folder	
	🖻 🛅 5-5/8 Deg. Bend			Folder	
	= + 4" 5-5/8 Deg. MJ x MJ DIP Bend			Count	
	4" 5-5/8 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor	5	1	Labor	
	E : 6" 5-5/8 Deg. MJ x MJ DIP Bend			Count	
	6" 5-5/8 Deg. MJ x MJ DIP Bend			Material	
	- J Fitting Installation Labor			Labor	
	E * 8" 5-5/8 Deg. MJ x MJ DIP Bend			Count	-
	8" 5-5/8 Deg. MJ x MJ DIP Bend			Material	-
	Fitting Installation Labor			Labor	
	E 10" 5-5/8 Deg. MJ x MJ DIP Bend			Count	
	10" 5-5/8 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	E 12" 5-5/8 Deg. MJ x MJ DIP Bend	1		Count	
	12" 5-5/8 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	E 14" 5-5/8 Deg. MJ x MJ DIP Bend			Count	
	14" 5-5/8 Deg. MJ x MJ DIP Bend		-	Material	
	Fitting Installation Labor		1.	Labor	
	E C 11-1/4 Deg. Bend			Folder	
	= • 4* 11-1/4 Deg. MJ x MJ DIP Bend			Count	
	4" 11-1/4 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor		-	Labor	
	E : 6" 11-1/4 Deg. MJ x MJ DIP Bend			Count	
	6" 11-1/4 Deg. MJ x MJ DIP Bend			Material	
	- Ja Fitting Installation Labor			Labor	
	8" 11-1/4 Deg. MJ x MJ DIP Bend			Count	
	8" 11-1/4 Deg. MJ x MJ DIP Bend		-	Material	
	Fitting Installation Labor	0	1 2	Labor	
	E 10" 11-1/4 Deg. MJ x MJ DIP Bend			Count	
	10" 11-1/4 Deg. MJ x MJ DIP Bend			Material	
	- JP Fitting Installation Labor			Labor	
	E 12" 11-1/4 Deg. MJ x MJ DIP Bend		-	Count	
	12" 11-1/4 Deg. MJ x MJ DIP Bend		1	Material	
	J <sup>b</sup> Fitting Installation Labor			Labor	
	- 14" 11-1/4 Deg. MJ x MJ DIP Bend			Count	
	14" 11-1/4 Deg. MJ x MJ DIP Bend			Material	
	- Ja Fitting Installation Labor		-	Labor	-

Site Utility—Fire Assemblies -- Continued



Site Utility— Fire Assemblies -- Continued





Site Utility— Fire Assemblies – Continued

lame		Description	Division	Type	Color
	🖻 🛅 Wyes		12 - 3	Folder	
	+ 4x4 WYE SCH 40 DIP MJ x MJ			Count	
	4x4 WYE SCH 40 DIP MJ x MJ			Material	
	Fitting Installation Labor		11 3	Labor	
	E 6x4 WYE SCH 40 DIP MJ x MJ		11	Count	
	6x4 WYE SCH 40 DIP MJ x MJ			Material	-
	Fitting Installation Labor		12	Labor	
	E . 6x6 WYE SCH 40 DIP MJ x MJ			Count	
	6x6 WYE SCH 40 DIP MJ x MJ		11 8	Material	
	Fitting Installation Labor			Labor	
	E . 8x4 WYE SCH 40 DIP MJ x MJ			Count	
	8x4 WYE SCH 40 DIP MJ x MJ			Material	
	Fitting Installation Labor		11	Labor	
	B * 8x6 WYE SCH 40 DIP MJ x MJ		11	Count	
	8x6 WYE SCH 40 DIP MJ x MJ		1	Material	
	Fitting Installation Labor		19	Labor	
	E . 8x8 WYE SCH 40 DIP MJ x MJ			Count	
	8x8 WYE SCH 40 DIP MJ x MJ			Material	
	Fitting Installation Labor			Labor	
	E 10x4 WYE SCH 40 DIP MJ x MJ		1	Count	
	10x4 WYE SCH 40 DIP MJ x MJ		1	Material	
	Fitting Installation Labor			Labor	
	E 10x6 WYE SCH 40 DIP MJ x MJ		11	Count	
	10x6 WYE SCH 40 DIP MJ x MJ			Material	
	Fitting Installation Labor			Labor	
	E . 10x8 WYE SCH 40 DIP MJ x MJ			Count	
	10x8 WYE SCH 40 DIP MJ x MJ			Material	
	Fitting Installation Labor			Labor	
	10x10 WYE SCH 40 DIP MJ x MJ			Count	
	10x10 WYE SCH 40 DIP MJ x MJ			Material	
	Fitting Installation Labor			Labor	
	E 12x4 WYE SCH 40 DIP MJ x MJ			Count	
	12x4 WYE SCH 40 DIP MJ x MJ			Material	
	- JP Fitting Installation Labor			Labor	
	E 12x6 WYE SCH 40 DIP MJ x MJ		11	Count	
	12x6 WYE SCH 40 DIP MJ x MJ			Material	
	- J Fitting Installation Labor			Labor	
	E 12x8 WYE SCH 40 DIP MJ x MJ			Count	
	12x8 WYE SCH 40 DIP MJ x MJ		1	Material	
	Fitting Installation Labor			Labor	
	E 12x10 WYE SCH 40 DIP MJ x MJ			Count	-
	12x10 WYE SCH 40 DIP MJ x MJ			Material	
	- J Fitting Installation Labor		10	Labor	
	E 12x12 WYE SCH 40 DIP MJ x MJ		1	Count	
	12x12 WYE SCH 40 DIP MJ x MJ			Material	

Site Utility— Fire Assemblies – Continued

Conception of the second	Description	Division		Cold
🖻 🧰 Tees			Folder	
4x4 TEE DIP MJ x MJ			Count	
4x4 TEE DIP MJ x MJ		1	Material	
- Pitting Installation Labor		1	Labor	
E 6x4 TEE DIP MJ x MJ			Count	
6x4 TEE DIP MJ x MJ			Material	
Fitting Installation Labor			Labor	
E Sector DIP MJ x MJ			Count	
6x6 TEE DIP MJ x MJ			Material	
Fitting Installation Labor			Labor	
😑 🍨 8x4 TEE DIP MJ x MJ			Count	
8x4 TEE DIP M3 x M3			Material	
- Jacobia Fitting Installation Labor			Labor	
E * 8x6 TEE DIP MJ x MJ	-		Count	
8x6 TEE DIP MJ x MJ			Material	
Fitting Installation Labor			Labor	
E Sx8 TEE DIP MJ x MJ		1	Count	
8x8 TEE DIP MJ x MJ			Material	
Fitting Installation Labor	-	1	Labor	
E . 10x4 TEE DIP MJ x MJ		1	Count	
10x4 TEE DIP MJ x MJ			Material	
Ju Fitting Installation Labor			Labor	
E 10x6 TEE DIP M3 x M3			Count	
10x6 TEE DIP MJ x MJ		1	Material	
Fitting Installation Labor			Labor	8
E 10x8 TEE DIP MJ x MJ			Count	
10x8 TEE DIP MJ x MJ			Material	
JP Fitting Installation Labor			Labor	-
E . 10x10 TEE DIP MJ x MJ	-		Count	
10x10 TEE DIP MJ x MJ		1	Material	1
- JP Fitting Installation Labor			Labor	
E 12x4 TEE DIP MJ x MJ			Count	
12x4 TEE DIP MJ x MJ			Material	
Fitting Installation Labor	-	1	Labor	
E 12x6 TEE DIP MJ x MJ		1	Count	
12x6 TEE DIP MJ x MJ			Material	
- J Fitting Installation Labor			Labor	
E 12x8 TEE DIP MJ x MJ			Count	
12x8 TEE DIP MJ x MJ	-		Material	
- Jack Fitting Installation Labor		1	Labor	
E 12x10 TEE DIP MJ x MJ			Count	
12x10 TEE DIP MJ x MJ			Material	
- JP Fitting Installation Labor			Labor	
= 12x12 TEE DIP MJ x MJ	1		Count	
12x12 TEE DIP MJ x MJ		1	Material	
Fitting Installation Labor			Labor	-

Site Utility— Fire Assemblies – Continued

Name		Description	Division	Type	Color
	🖻 🛅 Crosses			Folder	
	4x4 CROSS SCH 40 DIP MJ x MJ			Count	
	4x4 CROSS SCH 40 DIP MJ x MJ		0	Material	
	- J Fitting Installation Labor			Labor	
	E . 6x4 CROSS SCH 40 DIP MJ x MJ		6	Count	
	6x4 CROSS SCH 40 DIP MJ x MJ			Material	
	Fitting Installation Labor			Labor	
	E 6x6 CROSS SCH 40 DIP M3 x M3			Count	
	6x6 CROSS SCH 40 DIP MJ x MJ			Material	
	JP Fitting Installation Labor		0	Labor	
	E . 8x4 CROSS SCH 40 DIP MJ x MJ			Count	
	8x4 CROSS SCH 40 DIP MJ x MJ			Material	
	- Jan Fitting Installation Labor			Labor	
	B . 8x6 CROSS SCH 40 DIP MJ x MJ			Count	
	8x6 CROSS SCH 40 DIP MJ x MJ			Material	
	Ju Fitting Installation Labor			Labor	
	E 8x8 CROSS SCH 40 DIP MJ x MJ			Count	
	8x8 CROSS SCH 40 DIP MJ x MJ			Material	_
	Fitting Installation Labor	-		Labor	-
	E 10x4 CROSS SCH 40 DIP MJ x MJ			Count	-
	10x4 CROSS SCH 40 DIP MJ x MJ			Material	-
	Fitting Installation Labor	-		Labor	
	E 10x6 CROSS SCH 40 DIP MJ x MJ			Count	-
	10x6 CROSS SCH 40 DIP M3 x M3			Material	-
				Labor	-
	Fitting Installation Labor				-
	E 10x8 CROSS SCH 40 DIP MJ x MJ			Count	-
	10x8 CROSS SCH 40 DIP MJ x MJ		-	Material	-
	Fitting Installation Labor			Labor	-
	E 10x10 CROSS SCH 40 DIP MJ x MJ			Count	
	10x10 CROSS SCH 40 DIP MJ x MJ		1	Material	-
	Fitting Installation Labor			Labor	-
	E 12x4 CROSS SCH 40 DIP MJ x MJ			Count	
	12x4 CROSS SCH 40 DIP MJ x MJ			Material	_
	Fitting Installation Labor			Labor	_
	E 12x6 CROSS SCH 40 DIP MJ x MJ			Count	
	12x6 CROSS SCH 40 DIP MJ x MJ		1	Material	
	Fitting Installation Labor			Labor	-
	12x8 CROSS SCH 40 DIP MJ x MJ			Count	
	12x8 CROSS SCH 40 DIP M3 x M3			Material	
	Fitting Installation Labor		5	Labor	
	E 12x10 CROSS SCH 40 DIP MJ x MJ	-		Count	
	12x10 CROSS SCH 40 DIP MJ x MJ			Material	
	- Distallation Labor			Labor	
	E 12x12 CROSS SCH 40 DIP MJ x MJ			Count	
	12x12 CROSS SCH 40 DIP MJ x MJ		1	Material	

Name		Description	Division	Туре	Color
	🖻 🧰 Reducers			Folder	
	6x4 DIP Concentric Reducer MJxMJ			Count	
	6x4 DIP Concentric Reducer MJxMJ		11	Material	
	Fitting Installation Labor			Labor	
	8x4 DIP Concentric Reducer MJxMJ		6	Count	
	8x4 DIP Concentric Reducer MJxMJ			Material	
	Fitting Installation Labor		0	Labor	
	8x6 DIP Concentric Reducer MJxMJ		1	Count	
	8x6 DIP Concentric Reducer MJxMJ			Material	
	Fitting Installation Labor		6	Labor	
	E • 10x4 DIP Concentric Reducer MJxMJ			Count	
	10x4 DIP Concentric Reducer MJxMJ		0	Material	
	Fitting Installation Labor		1	Labor	
	I0x6 DIP Concentric Reducer MJxMJ			Count	1
	10x6 DIP Concentric Reducer MJxMJ		6	Material	
	Fitting Installation Labor			Labor	
	I0x8 DIP Concentric Reducer MJxMJ		0	Count	
	10x8 DIP Concentric Reducer MJxMJ		11 8	Material	
	Fitting Installation Labor			Labor	
	E 12x4 DIP Concentric Reducer MJxMJ		6	Count	
	12x4 DIP Concentric Reducer MJxMJ		12 3	Material	
	Fitting Installation Labor			Labor	
	12x6 DIP Concentric Reducer MJxMJ		11	Count	
	12x6 DIP Concentric Reducer MJxMJ			Material	
	Fitting Installation Labor			Labor	9
	E • 12x8 DIP Concentric Reducer MJxMJ	-	1	Count	
	12x8 DIP Concentric Reducer MJxMJ			Material	
	Fitting Installation Labor		11	Labor	
	E 12x10 DIP Concentric Reducer MJxMJ			Count	
	12x10 DIP Concentric Reducer MJxMJ		5	Material	
	Fitting Installation Labor			Labor	

Site Utility—Fire Assemblies – Continued

Name	Description	Division	Туре	Color
E C Plugs and Caps		8	Folder	
E + 4" DIP PLUG SCH 40 MJ			Count	
4" DIP PLUG SCH 40 MJ		1	Material	
- JP Fitting Installation Labor			Labor	
E C DIP PLUG SCH 40 MJ		1	Count	
6" DIP PLUG SCH 40 MJ		0	Material	1
Fitting Installation Labor			Labor	
E * 8" DIP PLUG SCH 40 MJ		1	Count	
8" DIP PLUG SCH 40 MJ		11	Material	
- JP Fitting Installation Labor			Labor	
E . 10" DIP PLUG SCH 40 MJ			Count	
10" DIP PLUG SCH 40 MJ			Material	
- J Fitting Installation Labor			Labor	
E 12" DIP PLUG SCH 40 MJ		11 D	Count	
12" DIP PLUG SCH 40 MJ		1	Material	
Fitting Installation Labor		8	Labor	
E 14" DIP PLUG SCH 40 MJ			Count	
14" DIP PLUG SCH 40 MJ		1	Material	
Fitting Installation Labor		11 - E	Labor	
E 16" DIP PLUG SCH 40 MJ			Count	
16" DIP PLUG SCH 40 MJ		8	Material	
Je Fitting Installation Labor			Labor	
E 18" DIP PLUG SCH 40 MJ		11 3	Count	
18" DIP PLUG SCH 40 MJ		1	Material	
Fitting Installation Labor			Labor	
E 20" DIP PLUG SCH 40 MJ		6	Count	
20" DIP PLUG SCH 40 MJ			Material	
- JP Fitting Installation Labor			Labor	
E 22" DIP PLUG SCH 40 MJ		11	Count	
22" DIP PLUG SCH 40 MJ			Material	
Fitting Installation Labor		1	Labor	
E 24" DIP PLUG SCH 40 MJ		ų	Count	
24" DIP PLUG SCH 40 MJ			Material	
- JP Fitting Installation Labor			Labor	

me		Description	Division	Type	Color
🗄 🚞 Hydra	nts		19	Folder	
9 🗀 4-	1/2" Main Valve Opening			Folder	
<b>P</b>	4.5" Main Valve 4-way Hydrant 1.50' Bury 6" MJ			Count	
	12x6 TEE DIP MJ x FL		0	Material	
	6" PVC SCH 40			Segment	
-	Valve Box and Lid		1	Material	
	6* Check Valve		0	Material	
	6* Double Disc Gate Valve			Material	
	4.5" Main Valve 4-way Hydrant 1.50' Bury 6" MJ			Material	
	🥜 Hydrant Install Labor			Labor	
e : •	4.5" Main Valve 4-way Hydrant 1.50' Bury 4" MJ			Count	
	12x4 TEE DIP MJ x FL	1	0	Material	
-	4" PVC SCH 40			Segment	
	Valve Box and Lid		0	Material	
-	4* Check Valve		11	Material	
	4" Double Disc Gate Valve			Material	
	4.5" Main Valve 4-way Hydrant 1.50' Bury 4" MJ		6 1	Material	
	🖉 Hydrant Install Labor		1	Labor	
E 🚞 5-	1/4" Main Valve Opening			Folder	
e : •	5.25" Main Valve 4-way Hydrant 1.50' Bury 6" MJ		11	Count	
	12x6 TEE DIP MJ x FL			Material	
	6* PVC SCH 40		Q	Segment	
-	Valve Box and Lid		11	Material	
	6* Check Valve		0	Material	
-	6* Double Disc Gate Valve		0	Material	
-	5.25" Main Valve 4-way Hydrant 1.50' Bury 6" MJ			Material	
	🥜 Hydrant Install Labor		4	Labor	
	5.25" Main Valve 4-way Hydrant 1.50' Bury 4" MJ			Count	
	12x4 TEE DIP MJ x FL		0	Material	
-	4" PVC SCH 40			Segment	
	Valve Box and Lid		1	Material	
-	4* Check Valve		6	Material	
-	4" Double Disc Gate Valve			Material	
	5.25" Main Valve 4-way Hydrant 1.50' Bury 4" MJ			Material	
	🥼 Hydrant Install Labor			Labor	

# Site Utility—Sewer Assemblies

Vame	Description	Division	Type	Color
🗄 🚞 Sewer		12 3	Folder	
🖹 🧰 Pipe		19	Folder	
E DPE			Folder	
HDPE CLASS 3		11 3	Linear	
4* x 20' HDPE CLASS 3		1	Material	
Pipe Laying Labor		1	Labor	
G" HDPE CLASS 3			Linear	
6" x 20' HDPE CLASS 3			Material	
Pipe Laying Labor		11	Labor	
E 1 8" HDPE CLASS 3		1	Linear	
8" x 20' HDPE CLASS 3		12	Material	
Pipe Laying Labor			Labor	
E 10" HDPE CLASS 3			Linear	
10" x 20' HDPE CLASS 3		11 8	Material	
Pipe Laying Labor			Labor	
E 12" HDPE CLASS 3		1	Linear	
12" x 20' HDPE CLASS 3			Material	
Pipe Laying Labor			Labor	
E 14" HDPE CLASS 3			Linear	
14" x 20' HDPE CLASS 3			Material	
Pipe Laying Labor			Labor	
E 11 16" HDPE CLASS 3		1	Linear	-
16" x 20' HDPE CLASS 3			Material	
JPipe Laying Labor		1	Labor	
E 11 18" HDPE CLASS 3			Linear	
18" x 20' HDPE CLASS 3			Material	-
JPipe Laying Labor			Labor	-
E 1 20" HDPE CLASS 3			Linear	
20" x 20' HDPE CLASS 3			Material	_
Ju Pipe Laying Labor			Labor	-
E 1 22" HDPE CLASS 3			Linear	
22" x 20' HDPE CLASS 3			Material	-
JPipe Laying Labor			Labor	-
E 1 24" HDPE CLASS 3			Linear	
24" x 20' HDPE CLASS 3		1	Material	-
Pipe Laying Labor			Labor	
- 1 30" HDPE CLASS 3			Linear	
30" x 20' HDPE CLASS 3			Material	_
JPipe Laying Labor			Labor	
E 1 36" HDPE CLASS 3			Linear	
36" x 20' HDPE CLASS 3			Material	
Jip Laying Labor			Labor	
E 1 42" HDPE CLASS 3			Linear	
42" x 20' HDPE CLASS 3			Material	
Pipe Laying Labor			Labor	

Name	Description	Division	Type	Color
e 🔁 dip			Folder	
- I-1 3" DIP			Linear	
3" x 20' MJ DIP		1	Material	
DIP Install Labor		1	Labor	
⊕ 11 4" DIP		8	Linear	
4" x 20' MJ DIP		U	Material	
- JP Install Labor			Labor	
			Linear	
6" x 20' MJ DIP			Material	
DIP Install Labor			Labor	
E 1 8* DIP			Linear	
8" x 20' MJ DIP			Material	
DIP Install Labor			Labor	
- 10" DIP		1	Linear	
10" x 20' MJ DIP		8	Material	
DIP Install Labor			Labor	
E 12" DIP			Linear	
12" x 20' MJ DIP		1	Material	
DIP Install Labor			Labor	
🖃 🔄 14" DIP		3	Linear	
14" x 20' MJ DIP			Material	
DIP Install Labor			Labor	
E 16" DIP			Linear	
16" x 20' MJ DIP		1	Material	
DIP Install Labor			Labor	
E 18" DIP			Linear	
18" x 20' MJ DIP			Material	
DIP Install Labor		1	Labor	
E 1 20" DIP			Linear	
20" x 20' MJ DIP		6	Material	6
DIP Install Labor			Labor	
⊡ [1] 22" DIP			Linear	
22" x 20' MJ DIP		1	Material	
DIP Install Labor			Labor	
E 1 24" DIP			Linear	
24" x 20' MJ DIP			Material	
JIP Install Labor			Labor	

Site Utility—Sewer Assemblies -- Continued

Name	Description	Division	Type	Color
E CP		12 1	Folder	
- 12" RCP			Linear	
12" x 7.5' RCP			Material	
ACP Labor			Labor	
- 15" RCP		1	Linear	
15" x 7.5 RCP			Material	-
RCP Labor		12	Labor	
E 13" RCP			Linear	
18" x 7.5' RCP		11	Material	
ACP Labor		1	Labor	
- 1 21" RCP			Linear	
21" x 7.5 RCP Joint		-	Material	
- Jaka RCP Labor			Labor	
- 1-1 24" RCP		10 1	Linear	
24" x 7.5 RCP Joint		Ĩ.	Material	
RCP Labor			Labor	
= 1 30" RCP		8	Linear	-
30" x 8' RCP Joint			Material	
P RCP Labor		11	Labor	
E 1 36" RCP		11	Linear	
36" x 8' RCP Joint			Material	
ACP Labor		10	Labor	
E 1 42" RCP			Linear	
42" x 8' RCP Joint			Material	
- P RCP Labor			Labor	
= 1 48" RCP			Linear	
48" x 8' RCP Joint			Material	
RCP Labor			Labor	
- 1-1 54" RCP			Linear	
54" x 8' RCP Joint		10 3	Material	
- Je RCP Labor			Labor	
□ 1 60" RCP			Linear	
60" x 8' RCP Joint			Material	
- De RCP Labor			Labor	
E 172" RCP			Linear	
72" x 8' RCP Joint			Material	
RCP Labor			Labor	-

Site Utility—Sewer Assemblies -- Continued

	Description	Division	Type	0
CMP	-		Folder	
E 12" CMP			Linear	
12" x 40' 1" D Corrugated Round Pipe		0	Material	
Pipe Laying Labor			Labor	
- 15" CMP			Linear	
15" x 40' 1" Deep Corrugated Round Pipe		1	Material	-
Ja Pipe Laying Labor			Labor	-
E 13 CMP			Linear	
18" x 40' 1" Deep Corrugated Round Pipe			Material	17
Pipe Laying Labor			Labor	-
				-
			Linear	-
21" x 40' 1" Deep Corrugated Round Pipe		-	Material	-
Pipe Laying Labor			Labor	-
- 1 24" CMP		1	Linear	
24" x 40' 1" Deep Corrugated Round Pipe		1	Material	
Pipe Laying Labor			Labor	
E 1 30" CMP			Linear	
30" x 40' 1" Deep Corrugated Round Pipe			Material	
Pipe Laying Labor			Labor	
- 1-1 36" CMP			Linear	
36" x 40' 1" Deep Corrugated Round Pipe		8	Material	
Pipe Laying Labor			Labor	
- 1-1 42" CMP			Linear	
42" x 40' 1" Deep Corrugated Round Pipe			Material	-
/ Pipe Laying Labor			Labor	-
E 1 48" CMP			Linear	
				-
48" x 40' 1" Deep Corrugated Round Pipe		-	Material	+
Pipe Laying Labor			Labor	-
9 1 54" CMP			Linear	
54" x 40' 1" Deep Corrugated Round Pipe			Material	_
Pipe Laying Labor		1	Labor	1
E 1 60" CMP		. · · · ·	Linear	
60" x 40' 1" Deep Corrugated Round Pipe			Material	
Pipe Laying Labor		11	Labor	
E 1 66* CMP		1	Linear	
66" x 40' 1" Deep Corrugated Round Pipe		1	Material	1
Pipe Laying Labor			Labor	
- 1-1 72" CMP			Linear	
72" x 40' 1" Deep Corrugated Round Pipe			Material	1
Pipe Laying Labor			Labor	-
E 1 84" CMP				
the second s		-	Linear	-
84* x 40' 1* Deep Corrugated Round Pipe			Material	-
Pipe Laying Labor			Labor	-
□ [1] 96" CMP			Linear	-
96" x 40' 1" Deep Corrugated Round Pipe			Material	

ame		Description	Division	Type	Color
E C PW	c	1	1	Folder	
B-1-1	2" PVC SDR 35		1 3	Linear	
1	2" x 20' PVC SDR 35		1 3	Material	
1.00	Pipe Laying Labor			Labor	
B [-1	3" PVC SDR 35		3	Linear	
-	3" x 20' PVC SDR 35		18	Material	
	Pipe Laying Labor		4	Labor	
- I-1	4" PVC SDR 35			Linear	
	4" x 20' PVC SDR 35			Material	
	JPipe Laying Labor		1 3	Labor	1
e 1-1	6" PVC SDR 35		16 3	Linear	
	6* x 20' PVC SDR 35			Material	
-	Pipe Laying Labor			Labor	
- L-1	8" PVC SDR 35			Linear	
	8" x 20' PVC SDR 35		21 3	Material	
	Pipe Laying Labor		8	Labor	
e In	10" PVC SDR 35		4 3	Linear	
	10" x 20' PVC SDR 35			Material	
-	Pipe Laying Labor			Labor	
- L-1	12" PVC SDR 35		1	Linear	
-	12" x 20' PVC SDR 35		1	Material	
	Pipe Laying Labor		1 3	Labor	

Site Utility—Sewer Assemblies -- Continued

		Description	Division	Type	Color
🖻 🧰 SRPE	E			Folder	
e In	30° SRPE			Linear	
-	30" x 50' SRPE			Material	
	Pipe Laying Labor			Labor	
	36" SRPE			Linear	
1-	36" x 50' SRPE			Material	-
-	Pipe Laying Labor			Labor	
	42" SRPE			Linear	
F	42" x 50' SRPE			Material	
-	Pipe Laying Labor	2	3	Labor	
	48" SRPE			Linear	
-	48" x 30' SRPE			Material	
1	Pipe Laying Labor			Labor	
	54" SRPE			Linear	
-	54" x 30' SRPE			Material	
	Pipe Laying Labor		1 2	Labor	
	50" SRPE			Linear	
-	60" x 30' SRPE			Material	
	Pipe Laying Labor			Labor	
	56" SRPE		3	Linear	
	66" x 30' SRPE			Material	
1	Pipe Laying Labor			Labor	
	72" SRPE			Linear	
	72" x 30' SRPE			Material	
-	Pipe Laying Labor		1	Labor	
	84° SRPE	-		Linear	
-	84" x 30' SRPE			Material	
1	Pipe Laying Labor			Labor	
	96" SRPE			Linear	
	96" x 30' SRPE			Material	
	Pipe Laying Labor			Labor	
	108" SRPE			Linear	
-	108" x 25' SRPE			Material	
	Pipe Laying Labor			Labor	
	120" SRPE			Linear	
-	120" x 25' SRPE			Material	

Site Utility—Sewer Assemblies -- Continued

	Division		Cold
	1	Folder	
		Count	
	U	Material	
		Material	
ning		Material	
		Material	
	1	Material	
	n - 3	Labor	
	1	Count	
	3	Material	
		Material	
ning	1	Material	
	1	Material	
		Material	
	6	Labor	-
		Count	
	U.	Material	
	11	Material	
ning		Material	
	0	Material	
		Material	
		Labor	
		Count	
		Material	
	8	Material	
ning	1	Material	
	0.5	Material	
	11	Material	
		Labor	
		Count	
		Material	
	1	Material	
ning	11	Material	
		Material	
	10 1	Material	
		Labor	
	1	Count	
	1	Material	
		Material	
ning	1	Material	
		Material	
		Material	
	ning ining i	Image:	CountImageCountImageMaterialImageMaterialImageMaterialImage

ne	Description	Division	Туре	Color
E C Fittings			Folder	
D C			Folder	
🕀 🧰 Bends			Folder	
🕀 🧰 5-5/8 Deg. Bend			Folder	
😑 🍨 4* 5-5/8 Deg. G x G DIP Bend			Count	
4" 5-5/8 Deg. G x G DIP Bend			Material	
Fitting Installation Labor			Labor	
😑 🏮 6" 5-5/8 Deg. G x G DIP Bend			Count	
6" 5-5/8 Deg. G x G DIP Bend			Material	
- Jb Fitting Installation Labor			Labor	
🖃 🏮 8" 5-5/8 Deg. G x G DIP Bend			Count	
8" 5-5/8 Deg. G x G DIP Bend			Material	
Fitting Installation Labor			Labor	
10" 5-5/8 Deg. G x G DIP Bend			Count	
10" 5-5/8 Deg. G x G DIP Bend			Material	
Fitting Installation Labor			Labor	
E • 12" 5-5/8 Deg. G x G DIP Bend			Count	
12" 5-5/8 Deg. G x G DIP Bend			Material	
Fitting Installation Labor			Labor	
14" 5-5/8 Deg. G x G DIP Bend			Count	
14" 5-5/8 Deg. G x G DIP Bend			Material	
Jb Fitting Installation Labor			Labor	
🖃 🚞 11-1/4 Deg. Bend			Folder	
4" 11-1/4 Deg. G x G DIP Bend			Count	
4" 11-1/4 Deg. G x G DIP Bend			Material	
Fitting Installation Labor			Labor	
😑 🏮 6* 11-1/4 Deg. G x G DIP Bend			Count	
6" 11-1/4 Deg. G x G DIP Bend			Material	
Fitting Installation Labor			Labor	
🖻 🍨 8° 11-1/4 Deg. G x G DIP Bend			Count	
8" 11-1/4 Deg. G x G DIP Bend			Material	
Fitting Installation Labor			Labor	
🖃 🏮 10" 11-1/4 Deg. G x G DIP Bend			Count	
10" 11-1/4 Deg. G x G DIP Bend			Material	
Fitting Installation Labor			Labor	
🖃 🍨 12" 11-1/4 Deg. G x G DIP Bend			Count	
12" 11-1/4 Deg. G x G DIP Bend			Material	
Fitting Installation Labor			Labor	
🖃 🍨 14" 11-1/4 Deg. G x G DIP Bend			Count	
14" 11-1/4 Deg. G x G DIP Bend			Material	
Fitting Installation Labor			Labor	

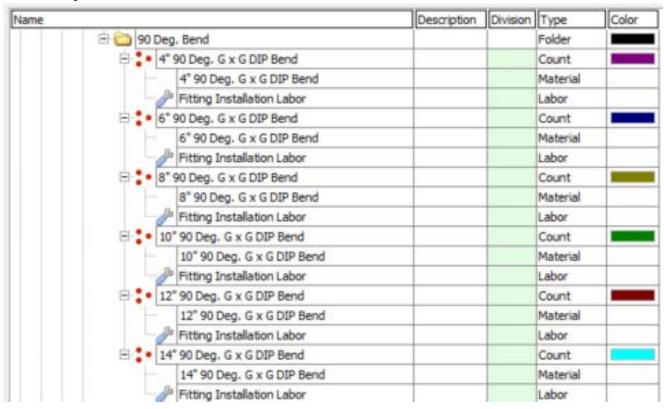
Site Utility—Sewer Assemblies -- Continued



Site Utility—Sewer Assemblies -- Continued

Name		Description	Division	Туре	Color
	🕀 🛅 45 Deg. Bend			Folder	
	🖻 🚦 4* 45 Deg. G x G DIP Bend			Count	
	4" 45 Deg. G x G DIP Bend		11 3	Material	
	- Fitting Installation Labor			Labor	
	E 6 45 Deg. G x G DIP Bend		0	Count	
	6" 45 Deg. G x G DIP Bend			Material	
	J Fitting Installation Labor			Labor	
	8" 45 Deg. G x G DIP Bend		1	Count	
	8" 45 Deg. G x G DIP Bend			Material	
			6	Labor	
	E 10" 45 Deg. G x G DIP Bend			Count	
	10" 45 Deg. G x G DIP Bend			Material	
	Fitting Installation Labor		1 8	Labor	
	E 12" 45 Deg. G x G DIP Bend			Count	
	12" 45 Deg. G x G DIP Bend		6	Material	
	Fitting Installation Labor			Labor	
	E 14" 45 Deg. G x G DIP Bend		0	Count	
	14" 45 Deg. G x G DIP Bend		1	Material	
	Fitting Installation Labor			Labor	
	🗄 🧰 60 Deg. Bend		1	Folder	
	e 4" 60 Deg. G x G DIP Bend			Count	
	4" 60 Deg. G x G DIP Bend			Material	
	Fitting Installation Labor		1	Labor	
	E 6 60 Deg. G x G DIP Bend			Count	
	6" 60 Deg. G x G DIP Bend		8	Material	0
	Ju Fitting Installation Labor		11 1	Labor	
	E : 8" 60 Deg. G x G DIP Bend		0	Count	1
	8° 60 Deg. G x G DIP Bend		11 8	Material	
	- Fitting Installation Labor			Labor	
	E : 10" 60 Deg. G x G DIP Bend		6	Count	
	10° 60 Deg. G x G DIP Bend		1	Material	
	Fitting Installation Labor			Labor	
	E 12" 60 Deg. G x G DIP Bend		1	Count	
	12" 60 Deg. G x G DIP Bend			Material	
	Fitting Installation Labor		10	Labor	9
	E • 14" 60 Deg. G x G DIP Bend		1	Count	
	14" 60 Deg. G x G DIP Bend			Material	
	B Fitting Installation Labor			Labor	-

Site Utility—Sewer Assemblies -- Continued



Site Utility—Sewer Assemblies -- Continued

	Description	Division	Type	Co
🖻 🛅 Wyes			Folder	
E 2 4x4 WYE SCH 40 PVC G x G			Count	
4x4 WYE SCH 40 PVC G x G		0	Material	
Fitting Installation Labor			Labor	
E : 6x4 WYE SCH 40 PVC G x G			Count	
6x4 WYE SCH 40 PVC G x G		12	Material	
Fitting Installation Labor			Labor	-
E 6x6 WYE SCH 40 PVC G x G			Count	-
6x6 WYE SCH 40 PVC G x G			Material	-
				-
Fitting Installation Labor			Labor	
E S 4 WYE SCH 40 PVC G x G			Count	-
8x4 WYE SCH 40 PVC G x G			Material	-
Fitting Installation Labor			Labor	-
8x6 WYE SCH 40 PVC G x G		1	Count	
8x6 WYE SCH 40 PVC G x G			Material	
- J Fitting Installation Labor			Labor	-
E 2 8x8 WYE SCH 40 PVC G x G			Count	
8x8 WYE SCH 40 PVC G x G		1	Material	
Fitting Installation Labor			Labor	
E 10x4 WYE SCH 40 PVC G x G			Count	
10x4 WYE SCH 40 PVC G x G		12	Material	-
J Fitting Installation Labor			Labor	-
E 10x6 WYE SCH 40 PVC G x G			Count	
10x6 WYE SOH 40 PVC G x G			Material	-
Fitting Installation Labor			Labor	-
				-
E • 10x8 WYE SCH 40 PVC G x G		-	Count	-
10x8 WYE SCH 40 PVC G x G		-	Material	-
Fitting Installation Labor			Labor	
E 10x10 WYE SCH 40 PVC G x G			Count	
10x10 WYE SCH 40 PVC G x G			Material	
🖉 Fitting Installation Labor		5	Labor	
E 12x4 WYE SCH 40 PVC G x G			Count	
12x4 WYE SCH 40 PVC G x G			Material	
Fitting Installation Labor			Labor	
E 12x6 WYE SCH 40 PVC G x G			Count	
12x6 WYE SCH 40 PVC G x G		6	Material	
Fitting Installation Labor			Labor	
E 12x8 WYE SCH 40 PVC G x G			Count	
12x8 WYE SCH 40 PVC G x G			Material	-
- J Fitting Installation Labor			Labor	-
E 12x10 WYE SCH 40 PVC G x G		1	Count	
12x10 WYE SCH 40 PVC G x G			Material	-
		-	-	-
Fitting Installation Labor			Labor	-
E 12x12 WYE SCH 40 PVC G x G			Count	-
12x12 WYE SCH 40 PVC G x G			Material	

Site Utility—Sewer Assemblies -- Continued

	Description	Division	type	
E Tees			Folder	
E 4x4 TEE SCH 40 PVC G x G		1	Count	
4x4 TEE SCH 40 PVC G x G			Material	
- J Fitting Installation Labor		1	Labor	
E . 6x4 TEE SCH 40 PVC G x G			Count	
6x4 TEE SCH 40 PVC G x G		1	Material	-
Fitting Installation Labor			Labor	-
E 6x6 TEE SCH 40 PVC G x G			Count	
6x6 TEE SCH 40 PVC G x G			Material	-
Fitting Installation Labor			Labor	+
E 8x4 TEE SCH 40 PVC G x G			Count	-
				-
8x4 TEE SOH 40 PVC G x G			Material	+
Fitting Installation Labor			Labor	-
Bx6 TEE SCH 40 PVC G x G			Count	-
8x6 TEE SCH 40 PVC G x G			Material	-
Fitting Installation Labor		11 5	Labor	_
Bx8 TEE SCH 40 PVC G x G		1	Count	_
8x8 TEE SCH 40 PVC G x G		1	Material	_
Fitting Installation Labor			Labor	
10x4 TEE SCH 40 PVC G x G		11 3	Count	
10x4 TEE SCH 40 PVC G x G			Material	
- J Fitting Installation Labor		\$ }	Labor	
E 10x6 TEE SCH 40 PVC G x G			Count	
10x6 TEE SCH 40 PVC G x G			Material	
Fitting Installation Labor		10 8	Labor	
E 10x8 TEE SCH 40 PVC G x G		1	Count	
10x8 TEE SCH 40 PVC G x G		6	Material	
- Jack Fitting Installation Labor			Labor	
= 10x10 TEE SCH 40 PVC G x G			Count	
10x10 TEE SCH 40 PVC G x G			Material	
			Labor	-
E 12x4 TEE SCH 40 PVC G x G		0	Count	
12x4 TEE SCH 40 PVC G x G			Material	1
- Jan Fitting Installation Labor			Labor	-
E 12x6 TEE SCH 40 PVC G x G			Count	-
12x6 TEE SCH 40 PVC G x G		1	Material	-
- J Fitting Installation Labor			Labor	
E 12x8 TEE SCH 40 PVC G x G			Count	-
12x8 TEE SCH 40 PVC G x G			Material	-
Fitting Installation Labor			Labor	-
E 12x10 TEE SCH 40 PVC G x G			Count	-
12x10 TEE SCH 40 PVC G x G			Material	+
		-	Labor	+
Fitting Installation Labor	-	-	States Print Services	-
E 12x12 TEE SCH 40 PVC G x G			Count	-
12x12 TEE SCH 40 PVC G x G			Material	

Site Utility—Sewer Assemblies -- Continued

netator and a grant and a second	Description	Division	Type	Cold
🖻 🛅 Crosses		8	Folder	
E 4x4 CROSS SCH 40 PVC G x G			Count	
4x4 CROSS SCH 40 PVC G x G			Material	
- J Fitting Installation Labor			Labor	
E 6x4 CROSS SCH 40 PVC G x G			Count	
6x4 CROSS SCH 40 PVC G x G			Material	-
Fitting Installation Labor			Labor	-
E 6x6 CROSS SCH 40 PVC G x G		-	Count	
·				-
6x6 CROSS SCH 40 PVC G x G			Material	-
Fitting Installation Labor			Labor	-
E * 8x4 CROSS SCH 40 PVC G x G		-	Count	-
8x4 CROSS SCH 40 PVC G x G	-	9	Material	_
Fitting Installation Labor			Labor	_
E * 8x6 CROSS SCH 40 PVC G x G		U. 3	Count	
8x6 CROSS SCH 40 PVC G x G			Material	
- Ja Fitting Installation Labor			Labor	
E 8x8 CROSS SCH 40 PVC G x G		6	Count	
8x8 CROSS SCH 40 PVC G x G		11 1	Material	
- JP Fitting Installation Labor		1	Labor	
E 10x4 CROSS SCH 40 PVC G x G			Count	-
10x4 CROSS SCH 40 PVC G x G			Material	_
Fitting Installation Labor			Labor	-
E 10x6 CROSS SCH 40 PVC G x G		1	Count	-
- house and a second se				-
10x6 CROSS SCH 40 PVC G x G			Material	-
Fitting Installation Labor			Labor	-
E 10x8 CROSS SCH 40 PVC G x G			Count	_
10x8 CROSS SCH 40 PVC G x G		5	Material	
Fitting Installation Labor	-		Labor	-
10x10 CROSS SCH 40 PVC G x G		1.1.1.1	Count	
10x10 CROSS SCH 40 PVC G x G		11 8	Material	
- Ja Fitting Installation Labor			Labor	
E 12x4 CROSS SCH 40 PVC G x G		6	Count	
12x4 CROSS SCH 40 PVC G x G			Material	
- J Fitting Installation Labor			Labor	
E 12x6 CROSS SCH 40 PVC G x G			Count	
12x6 CROSS SCH 40 PVC G x G		1	Material	-
- J Fitting Installation Labor			Labor	
E 12x8 CROSS SCH 40 PVC G x G			Count	
12x8 CROSS SCH 40 PVC G x G	-		Material	-
				-
Fitting Installation Labor			Labor	_
E 12x10 CROSS SCH 40 PVC G x G			Count	-
12x10 CROSS SCH 40 PVC G x G		5	Material	-
Fitting Installation Labor	-		Labor	-
E 12x12 CROSS SCH 40 PVC G x G			Count	
12x12 CROSS SCH 40 PVC G x G			Material	

Site Utility—Sewer Assemblies -- Continued

lame	Description	Division	Type	Color
E C Reducers			Folder	
🕀 🗧 6x4 PVC Concentric Reducer GxG			Count	
6x4 PVC Concentric Reducer G	xG		Material	
Fitting Installation Labor			Labor	
8x4 PVC Concentric Reducer GxG			Count	
8x4 PVC Concentric Reducer G	жG		Material	
Fitting Installation Labor			Labor	
B 2 8x6 PVC Concentric Reducer GxG			Count	
8x6 PVC Concentric Reducer G	xG		Material	
- JP Fitting Installation Labor			Labor	
E . 10x4 PVC Concentric Reducer GxG			Count	
10x4 PVC Concentric Reducer	GxG		Material	
Fitting Installation Labor			Labor	
🖃 🍨 10x6 PVC Concentric Reducer GxG			Count	
10x6 PVC Concentric Reducer	GxG		Material	
Fitting Installation Labor			Labor	
E : 10x8 PVC Concentric Reducer GxG	i		Count	
10x8 PVC Concentric Reducer	GxG		Material	
Fitting Installation Labor			Labor	
12x4 PVC Concentric Reducer GxG			Count	
12x4 PVC Concentric Reducer	GxG		Material	
Fitting Installation Labor			Labor	
E 2 12x6 PVC Concentric Reducer GxG	P		Count	
12x6 PVC Concentric Reducer	GxG		Material	
- JP Fitting Installation Labor			Labor	
E 2 12x8 PVC Concentric Reducer GxG			Count	
12x8 PVC Concentric Reducer	GxG		Material	
Fitting Installation Labor			Labor	
E : 12x10 PVC Concentric Reducer Gx	G		Count	
12x10 PVC Concentric Reduce	r GxG		Material	
Fitting Installation Labor			Labor	

lame	Description	Division	Type	Color
E Dugs and Caps		12	Folder	
E . 4" PVC PLUG SCH 40 G			Count	-
4" PVC PLUG SCH 40 G			Material	
- J Fitting Installation Labor		11	Labor	
E . 6" PVC PLUG SCH 40 G		1	Count	
6" PVC PLUG SCH 40 G		1	Material	
- J Fitting Installation Labor			Labor	1
B * PVC PLUG SCH 40 G			Count	1
8" PVC PLUG SCH 40 G		11	Material	
Fitting Installation Labor		1	Labor	
E . 10" PVC PLUG SCH 40 G		1	Count	
10" PVC PLUG SCH 40 G			Material	
Fitting Installation Labor			Labor	
E 12" PVC PLUG SCH 40 G		0	Count	
12" PVC PLUG SCH 40 G		1	Material	
Fitting Installation Labor		1	Labor	
E 14" PVC PLUG SCH 40 G			Count	
14" PVC PLUG SCH 40 G			Material	
Fitting Installation Labor		0	Labor	
E 16" PVC PLUG SCH 40 G		11	Count	
16" PVC PLUG SCH 40 G			Material	
Fitting Installation Labor		10	Labor	
E 18* PVC PLUG SCH 40 G			Count	
18" PVC PLUG SCH 40 G		11	Material	
Fitting Installation Labor		1	Labor	
E 20" PVC PLUG SCH 40 G			Count	
20" PVC PLUG SCH 40 G		1	Material	
- Japa Fitting Installation Labor			Labor	
E 22" PVC PLUG SCH 40 G		0	Count	
22" PVC PLUG SCH 40 G		1	Material	
- JP Fitting Installation Labor			Labor	
E 24" PVC PLUG SCH 40 G			Count	
24" PVC PLUG SCH 40 G			Material	
Fitting Installation Labor		1	Labor	

	Description	Division	Type	Colo
		12 3	Folder	
🖻 🚞 Bends		16	Folder	
🕀 🛅 5-5/8 Deg. Bend			Folder	
😑 🏮 4" 5-5/8 Deg. MJ x MJ DIP Bend		0	Count	
4" 5-5/8 Deg. MJ x MJ DIP Bend		11	Material	
Fitting Installation Labor			Labor	
🖻 🍺 6° 5-5/8 Deg. MJ x MJ DIP Bend		8	Count	
6" 5-5/8 Deg. MJ x MJ DIP Bend			Material	
Fitting Installation Labor		11	Labor	
E * 8" 5-5/8 Deg. MJ x MJ DIP Bend		1	Count	
8" 5-5/8 Deg. MJ x MJ DIP Bend			Material	
Fitting Installation Labor		1	Labor	
E . 10" 5-5/8 Deg. MJ x MJ DIP Bend			Count	
10" 5-5/8 Deg. MJ x MJ DIP Bend		10 8	Material	
- Pitting Installation Labor			Labor	
E . 12" 5-5/8 Deg. MJ x MJ DIP Bend		1	Count	
12" 5-5/8 Deg. MJ x MJ DIP Bend		8	Material	
Jitting Installation Labor			Labor	
E 14" 5-5/8 Deg. MJ x MJ DIP Bend		0	Count	
14" 5-5/8 Deg. MJ x MJ DIP Bend			Material	
Fitting Installation Labor			Labor	
🕀 🧰 11-1/4 Deg. Bend		1	Folder	
E . 4" 11-1/4 Deg. MJ x MJ DIP Bend			Count	
4" 11-1/4 Deg. MJ x MJ DIP Bend		1	Material	
Fitting Installation Labor			Labor	
6" 11-1/4 Deg. MJ x MJ DIP Bend			Count	
6" 11-1/4 Deg. MJ x MJ DIP Bend		1	Material	
Ju Fitting Installation Labor			Labor	
8" 11-1/4 Deg. MJ x MJ DIP Bend		0	Count	
8" 11-1/4 Deg. MJ x MJ DIP Bend			Material	
Fitting Installation Labor			Labor	
E 10" 11-1/4 Deg. MJ x MJ DIP Bend		1	Count	-
10" 11-1/4 Deg. MJ x MJ DIP Bend		11 5	Material	
Pitting Installation Labor		11	Labor	
E . 12" 11-1/4 Deg. MJ x MJ DIP Bend		11	Count	
12" 11-1/4 Deg. MJ x MJ DIP Bend			Material	
Fitting Installation Labor			Labor	
E . 14" 11-1/4 Deg. MJ x MJ DIP Bend		11	Count	
14" 11-1/4 Deg. MJ x MJ DIP Bend		1	Material	
P Fitting Installation Labor			Labor	

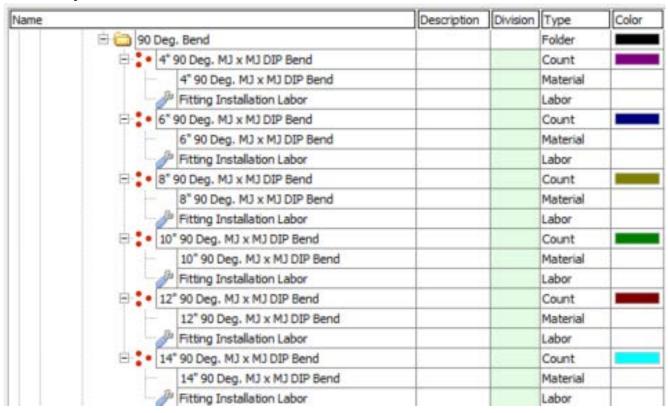
Site Utility—Sewer Assemblies -- Continued

Name		Description	Division	Type	Color
	🖻 🧰 22-1/2 Deg. Bend		8	Folder	
	4" 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	4" 22-1/2 Deg. MJ x MJ DIP Bend		1	Material	
	Fitting Installation Labor			Labor	
	E • 6" 22-1/2 Deg. MJ x MJ DIP Bend		1	Count	
	6" 22-1/2 Deg. MJ x MJ DIP Bend		6	Material	
	Fitting Installation Labor			Labor	
	8" 22-1/2 Deg. MJ x MJ DIP Bend		1	Count	
	8" 22-1/2 Deg. MJ x MJ DIP Bend		11	Material	
	Fitting Installation Labor			Labor	
	E . 10" 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	10° 22-1/2 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	12" 22-1/2 Deg. MJ x MJ DIP Bend		1	Count	
	12" 22-1/2 Deg. MJ x MJ DIP Bend			Material	
	Japa Fitting Installation Labor		6	Labor	
	E • 14" 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	14" 22-1/2 Deg. MJ x MJ DIP Bend		1	Material	
	Fitting Installation Labor			Labor	
	🕀 🧰 30 Deg. Bend			Folder	-
	E + 4" 30 Deg. MJ x MJ DIP Bend		1	Count	
	4" 30 Deg. MJ x MJ DIP Bend			Material	
	Ju Fitting Installation Labor		0	Labor	
	E * 6" 30 Deg. MJ x MJ DIP Bend		1	Count	
	6" 30 Deg. MJ x MJ DIP Bend		1	Material	
	Fitting Installation Labor		6	Labor	1
	E * 8" 30 Deg. MJ x MJ DIP Bend			Count	
	8" 30 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	E • 10" 30 Deg. MJ x MJ DIP Bend			Count	
	10" 30 Deg. MJ x MJ DIP Bend		6	Material	
	Je Fitting Installation Labor			Labor	
	E . 12" 30 Deg. MJ x MJ DIP Bend			Count	
	12" 30 Deg. MJ x MJ DIP Bend			Material	
	Ja Fitting Installation Labor		1	Labor	
	E 14" 30 Deg. MJ x MJ DIP Bend		6	Count	
	14" 30 Deg. MJ x MJ DIP Bend			Material	
	JP Fitting Installation Labor			Labor	

Site Utility—Sewer Assemblies -- Continued

Name		Description	Division	Type	Color
	🕀 🧰 45 Deg. Bend			Folder	
	E * 4* 45 Deg. MJ x MJ DIP Bend			Count	
	4" 45 Deg. MJ x MJ DIP Bend			Material	1.0
	Fitting Installation Labor			Labor	
	E * 6" 45 Deg. MJ x MJ DIP Bend			Count	
	6" 45 Deg. MJ x MJ DIP Bend			Material	
	- Pitting Installation Labor			Labor	
	8" 45 Deg. MJ x MJ DIP Bend			Count	
	8" 45 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	E 10" 45 Deg. MJ x MJ DIP Bend			Count	
	10" 45 Deg. MJ x MJ DIP Bend			Material	
	- JP Fitting Installation Labor			Labor	
	E 12" 45 Deg. MJ x MJ DIP Bend			Count	
	12" 45 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	= 14" 45 Deg. MJ x MJ DIP Bend			Count	
	14" 45 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	1
	E 🗀 60 Deg. Bend			Folder	
	e 4° 60 Deg. MJ x MJ DIP Bend			Count	
	4" 60 Deg. MJ x MJ DIP Bend			Material	
	- JP Fitting Installation Labor			Labor	
	E : 6" 60 Deg. MJ x MJ DIP Bend			Count	
	6° 60 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	E * 60 Deg. MJ x MJ DIP Bend			Count	
	8" 60 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	E • 10° 60 Deg. MJ x MJ DIP Bend			Count	
	10" 60 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	E • 12" 60 Deg. MJ x MJ DIP Bend			Count	
	12" 60 Deg. MJ x MJ DIP Bend			Material	
	Pitting Installation Labor			Labor	-
	= • 14" 60 Deg. MJ x MJ DIP Bend			Count	
	14" 60 Deg. MJ x MJ DIP Bend			Material	
	- Ja Fitting Installation Labor			Labor	

Site Utility—Sewer Assemblies -- Continued



Name		Description	Division	Туре	Color
	🖯 🧰 Wyes		1	Folder	
	+ 4x4 WYE SCH 40 DIP MJ x MJ			Count	
	4x4 WYE SCH 40 DIP MJ x MJ			Material	
	- JP Fitting Installation Labor			Labor	
	E 6x4 WYE SCH 40 DIP MJ x MJ			Count	
	6x4 WYE SCH 40 DIP MJ x MJ			Material	
	Fitting Installation Labor			Labor	
	E SK6 WYE SCH 40 DIP MJ x MJ			Count	-
	6x6 WYE SCH 40 DIP MJ x MJ				-
				Material	-
	Fitting Installation Labor				
	E * 8x4 WYE SCH 40 DIP MJ x MJ		-	Count	-
	8x4 WYE SCH 40 DIP MJ x MJ			Material	-
	Fitting Installation Labor			Labor	
	8x6 WYE SCH 40 DIP MJ x MJ			Count	
	8x6 WYE SCH 40 DIP MJ x MJ			Material	
	Fitting Installation Labor			Labor	
	8x8 WYE SCH 40 DIP MJ x MJ			Count	
	8x8 WYE SCH 40 DIP MJ x MJ			Material	
	- J Fitting Installation Labor			Labor	
	E 10x4 WYE SCH 40 DIP MJ x MJ			Count	
	10x4 WYE SCH 40 DIP MJ x MJ			Material	
	Fitting Installation Labor			Labor	
	E 10x6 WYE SCH 40 DIP MJ x MJ			Count	
	10x6 WYE SCH 40 DIP MJ x MJ			Material	-
	Jo Fitting Installation Labor			Labor	
	- 10x8 WYE SCH 40 DIP MJ x MJ	-		Count	-
	10x8 WYE SCH 40 DIP MJ x MJ			Material	
	Fitting Installation Labor			Labor	-
				Count	-
	10x10 WYE SCH 40 DIP MJ x MJ				-
	10x10 WYE SCH 40 DIP MJ x MJ			Material	
	Fitting Installation Labor			Labor	-
	E 12x4 WYE SCH 40 DIP MJ x MJ			Count	_
	12x4 WYE SCH 40 DIP MJ x MJ			Material	-
	Fitting Installation Labor			Labor	_
	E 12x6 WYE SCH 40 DIP MJ x MJ			Count	
	12x6 WYE SCH 40 DIP MJ x MJ			Material	1
	Fitting Installation Labor			Labor	
	E 12x8 WYE SCH 40 DIP MJ x MJ			Count	
	12x8 WYE SCH 40 DIP MJ x MJ			Material	
	- JP Fitting Installation Labor			Labor	
	12x10 WYE SCH 40 DIP MJ x MJ			Count	
	12x10 WYE SCH 40 DIP MJ x MJ			Material	
	JP Fitting Installation Labor			Labor	
	12x12 WYE SCH 40 DIP MJ x MJ			Count	
	12x12 WYE SCH 40 DIP MJ x MJ			Material	
	Fitting Installation Labor			Labor	-

Site Utility—Sewer Assemblies -- Continued

		Folder Count Material Labor Count Material Labor Count Material Labor	
		Material Labor Count Material Labor Count Material	
		Labor Count Material Labor Count Material	
		Count Material Labor Count Material	
		Material Labor Count Material	
		Labor Count Material	
		Count Material	
		Material	
		Labor	
	Q=3	Count	
-		Material	
	1	Labor	
		Count	
	0	Material	
		Labor	
	6	Count	
	1	Material	
	1	Labor	
		Count	
		Material	
	Q	Labor	
		Count	
		Material	
		Labor	-
		Count	
	1	Material	
		Labor	
		Count	
		Material	-
		Labor	-
	0	Count	
	1	Material	
		Labor	
		Count	
	1	Material	
	6	Labor	-
		Count	
		Material	
		Labor	
		Count	
	6	Material	
		Labor	
	-		
		Count	1
			Labor Count Material Labor Count Material Labor Count Material Labor Count Material Labor Count Material Labor Count Material Labor Count Material Labor Count Material Labor Count Material Labor Count Material Labor Count Material

Site Utility—Sewer Assemblies -- Continued

		Description	Division	Туре	Colo
E Crosses			1	Folder	
E 4x4 CROSS SCH 40 DI	P MJ x MJ			Count	
4x4 CROSS SCH 4	0 DIP MJ x MJ		0	Material	
- Fitting Installation	Labor			Labor	
E : 6x4 CROSS SCH 40 DI	P MJ x MJ		1	Count	
6x4 CROSS SCH 4			1	Material	_
JP Fitting Installation			1	Labor	
E : 6x6 CROSS SCH 40 DI				Count	
6x6 CROSS SCH 4				Material	-
Pitting Installation				Labor	-
E 1 8x4 CROSS SCH 40 DI			1	Count	
8x4 CROSS SCH 4	And the second			Material	_
Fitting Installation				Labor	-
B * 8x6 CROSS SCH 40 DI				Count	_
8x6 CROSS SCH 4				Material	_
Fitting Installation			1	Labor	-
B S 8x8 CROSS SCH 40 DI	P MJ x MJ			Count	
8x8 CROSS SCH 4	0 DIP MJ x MJ			Material	-
Fitting Installation	Labor			Labor	
E 10x4 CROSS SCH 40 D	UP MJ x MJ			Count	
10x4 CROSS SCH	40 DIP MJ x MJ		0 3	Material	
Fitting Installation	Labor			Labor	
10x6 CROSS SCH 40 D	LIP MJ x MJ			Count	
10x6 CROSS SCH	40 DIP MJ x MJ		1	Material	
- J Fitting Installation	Labor			Labor	
E 10x8 CROSS SCH 40 D	UP MJ x MJ		3	Count	
10x8 CROSS SCH	40 DIP MJ x MJ			Material	
- J Fitting Installation	Labor			Labor	
E . 10x10 CROSS SCH 40	DIP MJ x MJ		1	Count	
10x10 CROSS SCH	1 40 DIP MJ x MJ		1	Material	
Fitting Installation	Labor		8	Labor	
E : 12x4 CROSS SCH 40 D	Constants from the second s			Count	
12x4 CROSS SCH				Material	
- JP Fitting Installation				Labor	-
E 12x6 CROSS SCH 40 D				Count	
12x6 CROSS SCH			1	Material	_
JP Fitting Installation				Labor	-
E 12x8 CROSS SCH 40 D	and the second sec		1	Count	-
12x8 CROSS SCH				Material	-
Je Fitting Installation				Labor	-
Man I and a second seco					_
12x10 CROSS SCH 40				Count	-
12x10 CROSS SCH			-	Material	-
Fitting Installation				Labor	-
12x12 CROSS SCH 40				Count	_
12x12 CROSS SCH	1 40 DIP MJ x MJ			Material	

Site Utility—Sewer Assemblies -- Continued

Name		Description	Division	Type	Color
0	Reducers			Folder	
<b>e</b>	6x4 DIP Concentric Reducer MJxMJ			Count	
	6x4 DIP Concentric Reducer MJxMJ		1	Material	1
	Fitting Installation Labor			Labor	
8	8x4 DIP Concentric Reducer MJxMJ		1	Count	
	8x4 DIP Concentric Reducer MJxMJ		1	Material	
	- J Fitting Installation Labor			Labor	
8	8x6 DIP Concentric Reducer MJxMJ		4	Count	
	8x6 DIP Concentric Reducer MJxMJ			Material	
	Fitting Installation Labor		1	Labor	
9	10x4 DIP Concentric Reducer MJxMJ		1	Count	1
	10x4 DIP Concentric Reducer MJxMJ			Material	
	Fitting Installation Labor			Labor	
8	10x6 DIP Concentric Reducer MJxMJ			Count	
	10x6 DIP Concentric Reducer MJxMJ			Material	
	- JP Fitting Installation Labor		1	Labor	
8	10x8 DIP Concentric Reducer MJxMJ			Count	
	10x8 DIP Concentric Reducer MJxMJ		8	Material	8
	Fitting Installation Labor		U	Labor	
9	12x4 DIP Concentric Reducer MJxMJ			Count	
	12x4 DIP Concentric Reducer MJxMJ		1	Material	
	- J Fitting Installation Labor			Labor	
8	12x6 DIP Concentric Reducer MJxMJ		1	Count	
	12x6 DIP Concentric Reducer MJxMJ			Material	-
	Je Fitting Installation Labor			Labor	
9	12x8 DIP Concentric Reducer MJxMJ		1	Count	
	12x8 DIP Concentric Reducer MJxMJ			Material	
	Fitting Installation Labor		6	Labor	0
8	12x10 DIP Concentric Reducer MJxMJ			Count	
	12x10 DIP Concentric Reducer MJxMJ			Material	
	Japan Fitting Installation Labor			Labor	

Name	Description	Division	Type	Color
E Caps		12	Folder	
E . 4" DIP PLUG SCH 40 MJ			Count	
4" DIP PLUG SCH 40 MJ			Material	
- J Fitting Installation Labor	6		Labor	
E . 6" DIP PLUG SCH 40 MJ		1	Count	
6" DIP PLUG SCH 40 MJ		1	Material	
Fitting Installation Labor	i i i i i i i i i i i i i i i i i i i		Labor	1
E * 8" DIP PLUG SCH 40 MJ			Count	12
8" DIP PLUG SCH 40 MJ	2		Material	
- J Fitting Installation Labor	s		Labor	
E 10" DIP PLUG SCH 40 MJ		1	Count	
10" DIP PLUG SCH 40 M	1		Material	
Fitting Installation Labor			Labor	
E 12" DIP PLUG SCH 40 MJ			Count	
12" DIP PLUG SCH 40 M	J		Material	
- Japan Fitting Installation Labor			Labor	
E 14" DIP PLUG SCH 40 MJ			Count	
14" DIP PLUG SCH 40 M	)		Material	
- Je Fitting Installation Labor	8	0	Labor	
E 16" DIP PLUG SCH 40 MJ		1	Count	
16" DIP PLUG SCH 40 M	)		Material	
Fitting Installation Labor		10	Labor	
E 18" DIP PLUG SCH 40 MJ			Count	
18" DIP PLUG SCH 40 M	1		Material	
- Jb Fitting Installation Labor			Labor	
E 20" DIP PLUG SCH 40 MJ			Count	
20" DIP PLUG SCH 40 M	1		Material	
- Jack Fitting Installation Labor			Labor	
E 22" DIP PLUG SCH 40 MJ			Count	
22" DIP PLUG SCH 40 M	1		Material	
- Pitting Installation Labor	8		Labor	
E 24* DIP PLUG SCH 40 MJ			Count	
24" DIP PLUG SCH 40 M	1		Material	
Fitting Installation Labor			Labor	

me		Description	Division	Type	Color
E 🚞 Clean	outs	8		Folder	
E . 2	* Sewer Cleanout			Count	
	2° Sewer Cleanout			Material	
	Cleanout Install Labor			Labor	
B 3	*Sewer Cleanout			Count	
	3" Sewer Cleanout			Material	
-0	Cleanout Install Labor			Labor	
8 4	"Sewer Cleanout			Count	
-	4" Sewer Cleanout			Material	
-0	Cleanout Install Labor			Labor	
8 . 6	* Sewer Cleanout		-	Count	
-	6* Sewer Cleanout			Material	
	Cleanout Install Labor			Labor	
8	* Sewer Cleanout			Count	
	8" Sewer Cleanout			Material	
-0	Cleanout Install Labor			Labor	
B- 1	0" Sewer Cleanout			Count	
-	10" Sewer Cleanout			Material	
-	Cleanout Install Labor			Labor	-
8 1	2" Sewer Cleanout			Count	
	12" Sewer Cleanout			Material	
-1	Cleanout Install Labor			Labor	
÷ 1	4" Sewer Cleanout			Count	
	14" Sewer Cleanout			Material	
-0	Cleanout Install Labor			Labor	
B- 1	6" Sewer Cleanout			Count	
-	16" Sewer Cleanout			Material	
- L.	Cleanout Install Labor			Labor	

lame		Description	Division	Type	Color
Contrain Storm Drain				Folder	
E Dipe				Folder	
B C PVC				Folder	
e In	2" PVC SDR 35		3	Linear	
	2" x 20' PVC SDR 35			Material	
	Pipe Laying Labor			Labor	
817	3" PVC SDR 35			Linear	
	3" x 20' PVC SDR 35		-	Material	
	Pipe Laying Labor		1	Labor	-
	4" PVC SDR 35			Linear	
	4" x 20' PVC SDR 35			Material	
-	Pipe Laying Labor			Labor	
817	6" PVC SDR 35		-	Linear	
	6" x 20' PVC SDR 35		1	Material	
	Pipe Laying Labor			Labor	
e In	8" PVC SDR 35			Linear	
	8" x 20' PVC SDR 35			Material	
	Pipe Laying Labor		1	Labor	
e In	10" PVC SDR 35		-	Linear	
T T	10" x 20' PVC SDR 35			Material	
	Pipe Laying Labor			Labor	
= I-1	12* PVC SDR 35		1	Linear	
	12" x 20' PVC SDR 35			Material	
	Pipe Laying Labor	0	1	Labor	1
Bir	18" PVC SDR 35			Linear	
I F	18" x 20' PVC SDR 35			Material	
	Pipe Laying Labor			Labor	

### Site Utility—Storm Drain

me		Description	Division	Туре	Color
E C H	DPE			Folder	
e-I-	4" HDPE CLASS 3			Linear	
	4" x 20' HDPE CLASS 3			Material	
1	Pipe Laying Labor			Labor	
B	6" HDPE CLASS 3			Linear	
	6" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor			Labor	
81	8" HDPE CLASS 3			Linear	
	8" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor			Labor	
PL	10" HDPE CLASS 3			Linear	
	10" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor			Labor	
et	12" HDPE CLASS 3			Linear	
	12" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor			Labor	
ela	14" HDPE CLASS 3			Linear	
	14" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor			Labor	
E-I-	16" HDPE CLASS 3			Linear	
	16" x 20' HDPE CLASS 3			Material	
1	Pipe Laying Labor			Labor	
e le	18" HDPE CLASS 3			Linear	
	18" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor			Labor	
D-I-	20" HDPE CLASS 3			Linear	
	20" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor			Labor	
el	22" HDPE CLASS 3			Linear	
	22" x 20' HDPE CLASS 3			Material	
	Pipe Laying Labor			Labor	
e I-	24" HDPE CLASS 3			Linear	
	24" x 20' HDPE CLASS 3			Material	
	🥟 Pipe Laying Labor			Labor	-
B.	30" HDPE CLASS 3			Linear	
	30" x 20' HDPE CLASS 3			Material	1
	Pipe Laying Labor			Labor	
B	36" HDPE CLASS 3			Linear	1
	36" x 20' HDPE CLASS 3		)	Material	
	Pipe Laying Labor			Labor	
0-1-	42" HDPE CLASS 3			Linear	
	42" x 20' HDPE CLASS 3			Material	

8	Description	Division	Type	Color
🕀 🧰 DIP		13	Folder	
- 1- 3* DIP			Linear	1
3" x 20' MJ DIP			Material	
JIP Instal Labor			Labor	
E 1 4" DIP			Linear	
4" x 20' MJ DIP		6	Material	
DIP Install Labor			Labor	
E 1 6" DIP		1	Linear	
6" x 20' MJ DIP			Material	
JIP Install Labor			Labor	
8" DIP		6	Linear	
8" x 20' MJ DIP			Material	
DIP Install Labor			Labor	
⊖ L 10" DIP		Ú	Linear	
10" x 20' MJ DIP		1	Material	
DIP Install Labor		6	Labor	
E 12" DIP			Linear	
12" x 20' MJ DIP			Material	
DIP Install Labor		11	Labor	
E 14" DIP			Linear	
14" x 20' MJ DIP			Material	8
DIP Install Labor			Labor	
E 16" DIP		0	Linear	
16" x 20' MJ DIP		1	Material	
DIP Install Labor			Labor	
🕀 🔄 18" DIP		6	Linear	
			Material	
DIP Install Labor			Labor	
⊖ [ 20" DIP		11	Linear	
20" x 20' MJ DIP		1	Material	
DIP Install Labor			Labor	0
E-1-1 22" DIP			Linear	
22" x 20' MJ DIP			Material	
DIP Install Labor			Labor	
- 1 24" DIP			Linear	
24" x 20' MJ DIP		6	Material	0
JIP Install Labor			Labor	

Site	Utility-	Storm	Drain –	Continued
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lame		Description	Division	Type	Color
RCP				Folder	
E 11 12" RCP				Linear	
12" x 7.5' RO	P.			Material	
- P RCP Labor				Labor	
E 15" RCP				Linear	
15" x 7.5' RO	P			Material	
RCP Labor				Labor	
18" RCP				Linear	
18" x 7.5' RO	P			Material	
- Jb RCP Labor				Labor	
E 11 21" RCP				Linear	
21" x 7.5' RO	P Joint			Material	2
RCP Labor				Labor	
I 24" RCP				Linear	
24" x 7.5 RO	P Joint			Material	
RCP Labor				Labor	_
30" RCP				Linear	
- 30" x 8' RCP	Joint			Material	
RCP Labor	1000			Labor	
36" RCP				Linear	
36" x 8' RCP	Joint			Material	
RCP Labor				Labor	
E 1 42" RCP				Linear	
42" x 8' RCP	Joint			Material	
ACP Labor				Labor	
⊟ 11 48" RCP				Linear	
48" x 8' RCP	Joint			Material	
RCP Labor				Labor	
= 1 54" RCP				Linear	
54" x 8' RCP	Joint			Material	
RCP Labor				Labor	
E 1 60" RCP				Linear	
60" x 8' RCP	Joint			Material	
RCP Labor				Labor	17
E 172" RCP				Linear	
72" x 8' RCP	Joint			Material	
RCP Labor		1		Labor	

ne		Description	Division	Type	Color
	P	2		Folder	
B-1-1	12" CMP			Linear	
	12" x 40' 1" Deep Corrugated Round Pipe			Material	
	JP Pipe Laying Labor			Labor	-
B 1-1	15" CMP			Linear	
	15" x 40' 1" Deep Corrugated Round Pipe			Material	
	JP Pipe Laying Labor			Labor	
B-1-7	18" CMP		-	Linear	
T	18" x 40' 1" Deep Corrugated Round Pipe			Material	-
	JP Pipe Laying Labor			Labor	-
B 1-1	21" CMP			Linear	-
T	21" x 40' 1" Deep Corrugated Round Pipe			Material	_
	Pipe Laying Labor			Labor	
- I	24" CMP			Linear	
T	24" x 40' 1" Deep Corrugated Round Pipe			Material	
	Pipe Laying Labor			Labor	-
	30° CMP			Linear	-
74	30" x 40' 1" Deep Corrugated Round Pipe			Material	_
	Pipe Laying Labor		-	Labor	-
- 1	36" CMP			Linear	-
14	36" x 40' 1" Deep Corrugated Round Pipe			Material	-
	Pipe Laying Labor			Labor	-
- I	Read Read and a second and Read and a second s				-
	42" CMP			Linear	-
	42" x 40' 1" Deep Corrugated Round Pipe			Material	
	Pipe Laying Labor			Labor	-
614	48" CMP			Linear	-
	48" x 40' 1" Deep Corrugated Round Pipe			Material	-
	Pipe Laying Labor			Labor	_
E 13	54° CMP			Linear	-
	54" x 40' 1" Deep Corrugated Round Pipe			Material	
1.	Pipe Laying Labor			Labor	-
E 13	60" CMP	-		Linear	
	60" x 40' 1" Deep Corrugated Round Pipe			Material	_
	Pipe Laying Labor			Labor	-
	66" CMP			Linear	
	66" x 40' 1" Deep Corrugated Round Pipe			Material	_
	Pipe Laying Labor			Labor	-
813	72" CMP			Linear	
	72" x 40' 1" Deep Corrugated Round Pipe			Material	-
	Pipe Laying Labor			Labor	_
BL	84" CMP			Linear	
	84" x 40' 1" Deep Corrugated Round Pipe			Material	
	Pipe Laying Labor			Labor	
817	96" CMP			Linear	
ES L	96" x 40' 1" Deep Corrugated Round Pipe			Material	

ame		Description	Division	Type	Color
E C SRPE				Folder	
E 1 30" SRP	E			Linear	
- 30*	x 50' SRPE			Material	
Pipe	Laying Labor			Labor	
E 136" SRP	E			Linear	
36"	x 50' SRPE			Material	
- Jh Pipe	Laying Labor			Labor	
E 1 42" SRP	E			Linear	
42*	x 50' SRPE			Material	
- JP Pipe	Laying Labor			Labor	
E 1 48" SRP	E			Linear	
- 48*	x 30' SRPE			Material	
- Jh Pipe	Laying Labor			Labor	
E 1 54" SRP	E			Linear	
54"	x 30' SRPE			Material	
- Ja Pipe	Laying Labor			Labor	
E 1 60" SRP	E			Linear	
- 60"	x 30' SRPE			Material	
Pipe	Laying Labor			Labor	
E 1 66" SRP	E			Linear	
66*	x 30' SRPE			Material	
Jh Pipe	Laying Labor			Labor	
= 1 72" SRP	E			Linear	
72*	x 30' SRPE			Material	
- JP Pipe	Laying Labor			Labor	
E 1 84" SRP	E			Linear	
84"	x 30' SRPE			Material	
Ja Pipe	Laying Labor			Labor	
😑 📘 96" SRP	E			Linear	
	x 30' SRPE			Material	
- Ja Pipe	Laying Labor			Labor	
E 108" SR	PE			Linear	
- 108	* x 25' SRPE			Material	
Pipe	Laying Labor			Labor	
E 120" SR	PE			Linear	
120	" x 25' SRPE			Material	
Pipe	Laying Labor			Labor	

ame	Description	Division	Туре	Color
E 🔂 Fittings		1	Folder	
E DVC			Folder	
🕀 🧰 Bends			Folder	
😑 🧰 5-5/8 Deg. Bend			Folder	
😑 🌔 4* 5-5/8 Deg. G x G PVC Bend			Count	
4" 5-5/8 Deg. G x G PVC Bend			Material	
Fitting Installation Labor			Labor	-
🖯 🍺 6" 5-5/8 Deg. G x G PVC Bend			Count	
6" 5-5/8 Deg. G x G PVC Bend			Material	
- Ju Fitting Installation Labor			Labor	
🖃 🏅 🔹 8" 5-5/8 Deg. G x G PVC Bend			Count	
8" 5-5/8 Deg. G x G PVC Bend			Material	
Fitting Installation Labor			Labor	
10" 5-5/8 Deg. G x G PVC Bend			Count	
10" 5-5/8 Deg. G x G PVC Bend			Material	
Fitting Installation Labor			Labor	
12" 5-5/8 Deg. G x G PVC Bend			Count	
12" 5-5/8 Deg. G x G PVC Bend			Material	
🖉 Fitting Installation Labor			Labor	
🖃 🏅 🔹 14* 5-5/8 Deg. G x G PVC Bend			Count	
14" 5-5/8 Deg. G x G PVC Bend			Material	
Fitting Installation Labor			Labor	
🕀 🚞 11-1/4 Deg. Bend			Folder	
4" 11-1/4 Deg. G x G PVC Bend			Count	
4" 11-1/4 Deg. G x G PVC Bend			Material	
Fitting Installation Labor			Labor	_
😑 🏮 6* 11-1/4 Deg. G x G PVC Bend			Count	
6" 11-1/4 Deg. G x G PVC Bend			Material	
🖉 Fitting Installation Labor			Labor	
🖻 🏅 🛛 8" 11-1/4 Deg. G x G PVC Bend			Count	
8" 11-1/4 Deg. G x G PVC Bend			Material	
Fitting Installation Labor	5		Labor	
🕀 🏮 10° 11-1/4 Deg. G x G PVC Bend			Count	
10" 11-1/4 Deg. G x G PVC Bend			Material	
- JP Fitting Installation Labor			Labor	
🖃 🏮 12" 11-1/4 Deg. G x G PVC Bend			Count	
12" 11-1/4 Deg. G x G PVC Bend			Material	
Fitting Installation Labor			Labor	
🖃 🍨 14* 11-1/4 Deg. G x G PVC Bend			Count	
14" 11-1/4 Deg. G x G PVC Bend			Material	
Fitting Installation Labor			Labor	

Name	0,	Description	Division	Type	Color
÷.	22-1/2 Deg. Bend			Folder	
	E 4* 22-1/2 Deg. G x G PVC Bend			Count	
	4" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E * 6* 22-1/2 Deg. G x G PVC Bend			Count	
	6" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	B* 22-1/2 Deg. G x G PVC Bend			Count	
	8" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E . 10" 22-1/2 Deg. G x G PVC Bend			Count	
	10" 22-1/2 Deg. G x G PVC Bend			Material	-
	Fitting Installation Labor			Labor	
	E : 12" 22-1/2 Deg. G x G PVC Bend			Count	
	12" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	= 14" 22-1/2 Deg. G x G PVC Bend			Count	
	14" 22-1/2 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
0	30 Deg. Bend			Folder	
	e 4 30 Deg. G x G PVC Bend			Count	
	4" 30 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E . 6" 30 Deg. G x G PVC Bend			Count	-
	6" 30 Deg. G x G PVC Bend	1		Material	
	Fitting Installation Labor			Labor	
	E * 30 Deg. G x G PVC Bend			Count	
	8" 30 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor	-		Labor	
	E 10" 30 Deg. G x G PVC Bend	1		Count	
	10" 30 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	
	E 12" 30 Deg. G x G PVC Bend			Count	
	12" 30 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor	1		Labor	
	E 14" 30 Deg. G x G PVC Bend			Count	
	14" 30 Deg. G x G PVC Bend			Material	
	Fitting Installation Labor			Labor	

Name		Description	Division	Type	Color
🗄 🧰 45 Deg. Bend				Folder	
E 4 45 Deg. G x G PVC Be	nd			Count	
4" 45 Deg. G x G PV0	Bend			Material	
Fitting Installation La	bor			Labor	
E * 6" 45 Deg. G x G PVC Be	nd			Count	
6" 45 Deg. G x G PV0				Material	
Fitting Installation La	bor			Labor	
B * 45 Deg. G x G PVC Be	nd			Count	
8" 45 Deg. G x G PV0	Bend			Material	
- Ju Fitting Installation La				Labor	
E . 10" 45 Deg. G x G PVC B	end			Count	
10" 45 Deg. G x G PV	C Bend			Material	
- Ju Fitting Installation La	bor			Labor	
= 12" 45 Deg. G x G PVC B	end			Count	
12" 45 Deg. G x G PV				Material	
JP Fitting Installation La				Labor	
E . 14* 45 Deg. G x G PVC B	end			Count	
14" 45 Deg. G x G PV	C Bend			Material	1
- J Fitting Installation La	bor			Labor	
E Co Deg. Bend				Folder	
= 4" 60 Deg. G x G PVC Be	nd			Count	
4° 60 Deg. G x G PV0	Bend			Material	
- January Fitting Installation La	bor			Labor	
6" 60 Deg. G x G PVC Be	nd			Count	
6" 60 Deg. G x G PV0	Bend	0		Material	
🖉 Fitting Installation La	bor			Labor	
B * 60 Deg. G x G PVC Be	nd			Count	
8" 60 Deg. G x G PV0	Bend			Material	1
- J Fitting Installation La	bor			Labor	
E • 10* 60 Deg. G x G PVC B	end			Count	-
10" 60 Deg. G x G PV	C Bend			Material	
Fitting Installation La	bor			Labor	
E 12" 60 Deg. G x G PVC B	end			Count	
12" 60 Deg. G x G PV	C Bend			Material	
Fitting Installation La	bor			Labor	
E • 14* 60 Deg. G x G PVC B	end			Count	
14" 60 Deg. G x G PV	/C Bend			Material	
Fitting Installation La	bor			Labor	



#### Name Description Division Type Color E Wyes Folder Ax4 WYE SCH 40 PVC G x G Count 4x4 WYE SCH 40 PVC G x G Material Fitting Installation Labor Labor 6x4 WYE SCH 40 PVC G x G Count 6x4 WYE SCH 40 PVC G x G Material Fitting Installation Labor Labor 6x6 WYE SCH 40 PVC G x G Count 6x6 WYE SCH 40 PVC G x G Material Fitting Installation Labor Labor 8x4 WYE SCH 40 PVC G x G Count 8x4 WYE SCH 40 PVC G x G Material Fitting Installation Labor Labor 8x6 WYE SCH 40 PVC G x G Count 8x6 WYE SCH 40 PVC G x G Material Fitting Installation Labor Labor B . 8x8 WYE SCH 40 PVC G x G Count 8x8 WYE SCH 40 PVC G x G Material Fitting Installation Labor Labor E 10x4 WYE SCH 40 PVC G x G Count 10x4 WYE SCH 40 PVC G x G Material Fitting Installation Labor Labor E 10x6 WYE SCH 40 PVC G x G Count 10x6 WYE SCH 40 PVC G x G Material Fitting Installation Labor Labor E 10x8 WYE SCH 40 PVC G x G Count 10x8 WYE SCH 40 PVC G x G Material Fitting Installation Labor Labor E 10x10 WYE SCH 40 PVC G x G Count 10x10 WYE SCH 40 PVC G x G Material Labor Fitting Installation Labor E 12x4 WYE SCH 40 PVC G x G Count 12x4 WYE SCH 40 PVC G x G Material Fitting Installation Labor Labor 12x6 WYE SCH 40 PVC G x G Count 12x6 WYE SCH 40 PVC G x G Material Fitting Installation Labor Labor E 12x8 WYE SCH 40 PVC G x G Count 12x8 WYE SCH 40 PVC G x G Material Fitting Installation Labor Labor E 12x10 WYE SCH 40 PVC G x G Count 12x10 WYE SCH 40 PVC G x G Material <sup>b</sup> Fitting Installation Labor Labor 8 12x12 WYE SCH 40 PVC G x G Count 12x12 WYE SCH 40 PVC G x G Material Fitting Installation Labor Labor

e	Description	Division	Type	Color
🖻 🚞 Tees			Folder	
4x4 TEE SCH 40 PVC G x G			Count	
4x4 TEE SCH 40 PVC G x G			Material	
- JP Fitting Installation Labor			Labor	
E 6x4 TEE SCH 40 PVC G x G			Count	
6x4 TEE SCH 40 PVC G x G			Material	
Fitting Installation Labor			Labor	-
E : 6x6 TEE SCH 40 PVC G x G			Count	
6x6 TEE SCH 40 PVC G x G			Material	-
Pitting Installation Labor			Labor	-
E . 8x4 TEE SCH 40 PVC G x G			Count	-
8x4 TEE SCH 40 PVC G x G			Material	-
Fitting Installation Labor			Labor	
Bx6 TEE SCH 40 PVC G x G			Count	-
8x6 TEE SCH 40 PVC G x G			Material	_
Fitting Installation Labor			Labor	
				-
E 8x8 TEE SCH 40 PVC G x G			Count	-
8x8 TEE SCH 40 PVC G x G			Material	-
Fitting Installation Labor		-	Labor	-
E 10x4 TEE SCH 40 PVC G x G			Count	
10x4 TEE SCH 40 PVC G x G			Material	_
Fitting Installation Labor			Labor	_
E 10x6 TEE SCH 40 PVC G x G			Count	
10x6 TEE SCH 40 PVC G x G			Material	_
Fitting Installation Labor			Labor	
E 10x8 TEE SCH 40 PVC G x G			Count	
10x8 TEE SCH 40 PVC G x G			Material	
Fitting Installation Labor			Labor	
10x10 TEE SCH 40 PVC G x G			Count	
10x10 TEE SCH 40 PVC G x G			Material	
Je Fitting Installation Labor			Labor	
E 12x4 TEE SCH 40 PVC G x G			Count	
12x4 TEE SCH 40 PVC G x G			Material	
Fitting Installation Labor			Labor	
E 12x6 TEE SCH 40 PVC G x G			Count	
12x6 TEE SCH 40 PVC G x G			Material	
Fitting Installation Labor			Labor	-
E 12x8 TEE SCH 40 PVC G x G			Count	
12x8 TEE SCH 40 PVC G x G			Material	
Pitting Installation Labor			Labor	
- 12x10 TEE SCH 40 PVC G x G			Count	-
12x10 TEE SCH 40 PVC G x G			Material	
Fitting Installation Labor			Labor	-
E 12x12 TEE SCH 40 PVC G x G			Count	
12x12 TEE SCH 40 PVC G x G			Material	-
Fitting Installation Labor			Labor	-

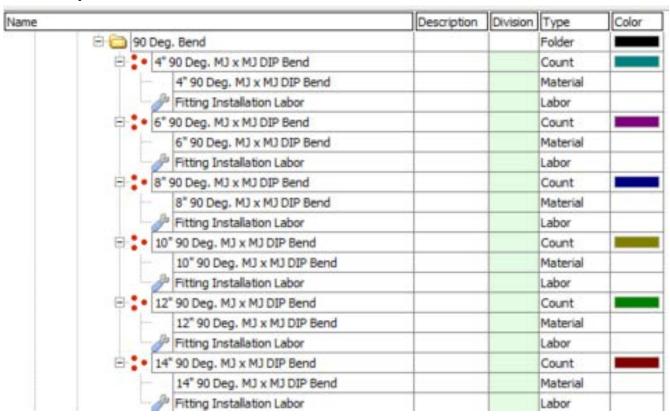
#### Name Description Division Type Color E Crosses Folder 4x4 CROSS SCH 40 PVC G x G Count 4x4 CROSS SCH 40 PVC G x G Material Labor Fitting Installation Labor 6x4 CROSS SCH 40 PVC G x G Count 6x4 CROSS SCH 40 PVC G x G Material Fitting Installation Labor Labor E 6x6 CROSS SCH 40 PVC G x G Count 6x6 CROSS SCH 40 PVC G x G Material Fitting Installation Labor Labor E 8x4 CROSS SCH 40 PVC G x G Count 8x4 CROSS SCH 40 PVC G x G Material Fitting Installation Labor Labor 8x6 CROSS SCH 40 PVC G x G Count 8x6 CROSS SCH 40 PVC G x G Material Fitting Installation Labor Labor E 8x8 CROSS SCH 40 PVC G x G Count 8x8 CROSS SCH 40 PVC G x G Material Fitting Installation Labor Labor E 10x4 CROSS SCH 40 PVC G x G Count 10x4 CROSS SCH 40 PVC G x G Material JP Fitting Installation Labor Labor E 10x6 CROSS SCH 40 PVC G x G Count 10x6 CROSS SCH 40 PVC G x G Material Fitting Installation Labor Labor 10x8 CROSS SCH 40 PVC G x G Count 10x8 CROSS SCH 40 PVC G x G Material Fitting Installation Labor Labor E 10x10 CROSS SCH 40 PVC G x G Count Material 10x10 CROSS SCH 40 PVC G x G Fitting Installation Labor Labor E 12x4 CROSS SCH 40 PVC G x G Count 12x4 CROSS SCH 40 PVC G x G Material Fitting Installation Labor Labor E 12x6 CROSS SCH 40 PVC G x G Count 12x6 CROSS SCH 40 PVC G x G Material Fitting Installation Labor Labor E 12x8 CROSS SCH 40 PVC G x G Count 12x8 CROSS SCH 40 PVC G x G Material Fitting Installation Labor Labor E 12x10 CROSS SCH 40 PVC G x G Count 12x10 CROSS SCH 40 PVC G x G Material Fitting Installation Labor Labor 12x12 CROSS SCH 40 PVC G x G Count 12x12 CROSS SCH 40 PVC G x G Material Fitting Installation Labor Labor

lame		Description	Division	Туре	Color
🖯 🧰 Reducers				Folder	
😑 🎦 🔹 6x4 PVC Concentric Reducer MJ:	CMx			Count	
6x4 PVC Concentric Reducer	CMxCM			Material	
Fitting Installation Labor				Labor	
8x4 PVC Concentric Reducer MJ	CMx			Count	
8x4 PVC Concentric Reducer	L CMxCM			Material	
Fitting Installation Labor				Labor	
8x6 PVC Concentric Reducer M3:	CMx			Count	
8x6 PVC Concentric Reducer	LUXCM			Material	
- Jb Fitting Installation Labor				Labor	
🖯 😳 10x4 PVC Concentric Reducer M	1xMJ			Count	
10x4 PVC Concentric Reduce	er MJxMJ			Material	
Fitting Installation Labor				Labor	
10x6 PVC Concentric Reducer M.	JxMJ			Count	
10x6 PVC Concentric Reduce	er MJxMJ			Material	
Fitting Installation Labor			-	Labor	
10x8 PVC Concentric Reducer M.	LWxC			Count	
10x8 PVC Concentric Reduce	er MJxMJ			Material	
- J Fitting Installation Labor				Labor	-
12x4 PVC Concentric Reducer M.	LWXC			Count	
12x4 PVC Concentric Reduce	er MJxMJ			Material	
Fitting Installation Labor				Labor	
E 12x6 PVC Concentric Reducer M	1xMJ			Count	
12x6 PVC Concentric Reduce	er MJxMJ			Material	
- Jb Fitting Installation Labor				Labor	
E 2 12x8 PVC Concentric Reducer M	LWXC			Count	
12x8 PVC Concentric Reduce	er MJxMJ			Material	
Fitting Installation Labor				Labor	
E : 12x10 PVC Concentric Reducer M	CMxCM			Count	
12x10 PVC Concentric Reduc	cer MJxMJ			Material	
Fitting Installation Labor				Labor	

Name		Description	Division	Type	Color
e 🕻	Plugs and Caps			Folder	
1	4" PVC PLUG SCH 40 G			Count	
	4" PVC PLUG SCH 40 G			Material	
	- J Fitting Installation Labor			Labor	
1	= * 6" PVC PLUG SCH 40 G			Count	
	6" PVC PLUG SCH 40 G			Material	
	Fitting Installation Labor			Labor	
	8" PVC PLUG SCH 40 G			Count	
	8° PVC PLUG SCH 40 G			Material	
	Fitting Installation Labor			Labor	
	10" PVC PLUG SCH 40 G			Count	
	10" PVC PLUG SCH 40 G			Material	
	Fitting Installation Labor			Labor	
1	12" PVC PLUG SCH 40 G			Count	
	12" PVC PLUG SCH 40 G			Material	
	Fitting Installation Labor			Labor	
	14" PVC PLUG SCH 40 G			Count	
	14" PVC PLUG SCH 40 G			Material	
	Fitting Installation Labor			Labor	
1	E 16" PVC PLUG SCH 40 G			Count	
	16" PVC PLUG SCH 40 G			Material	
	Fitting Installation Labor			Labor	
	18" PVC PLUG SCH 40 G			Count	
	18" PVC PLUG SCH 40 G			Material	
	Fitting Installation Labor			Labor	
	E 20" PVC PLUG SCH 40 G			Count	
	20" PVC PLUG SCH 40 G			Material	
	Fitting Installation Labor			Labor	
	22" PVC PLUG SCH 40 G			Count	
	22" PVC PLUG SCH 40 G			Material	
	Fitting Installation Labor			Labor	
1	24" PVC PLUG SCH 40 G			Count	
	24" PVC PLUG SCH 40 G			Material	
	Fitting Installation Labor			Labor	

Name		Description	Division	Type	Color
	🖻 🧰 22-1/2 Deg. Bend			Folder	
	😑 🔹 4" 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	4" 22-1/2 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	E * 6" 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	6" 22-1/2 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	B * 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	8" 22-1/2 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	E . 10" 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	10" 22-1/2 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	12" 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	12" 22-1/2 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	14" 22-1/2 Deg. MJ x MJ DIP Bend			Count	
	14" 22-1/2 Deg. MJ x MJ DIP Bend	1		Material	
	Fitting Installation Labor			Labor	
	🖻 🧰 30 Deg. Bend			Folder	
	a 4° 30 Deg. MJ x MJ DIP Bend			Count	
	4° 30 Deg. MJ x MJ DIP Bend			Material	
	- J Fitting Installation Labor			Labor	
	E • 6" 30 Deg. MJ x MJ DIP Bend			Count	
	6" 30 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor	2		Labor	
	B * 30 Deg. MJ x MJ DIP Bend			Count	
	8" 30 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	E 10" 30 Deg. MJ x MJ DIP Bend			Count	
	10" 30 Deg. MJ x MJ DIP Bend			Material	
	Fitting Installation Labor			Labor	
	E 12" 30 Deg. MJ x MJ DIP Bend			Count	
	12" 30 Deg. MJ x MJ DIP Bend			Material	
	Pitting Installation Labor			Labor	
	E 14" 30 Deg. MJ x MJ DIP Bend			Count	
	14" 30 Deg. MJ x MJ DIP Bend	-		Material	
	Pitting Installation Labor			Labor	-

Name		Description	Division	Type	Color
🖻 🧰 45 Deg. Bend				Folder	
😑 🏮 4 45 Deg. MJ x MJ DI	IP Bend			Count	
4" 45 Deg. MJ x M	1) DIP Bend			Material	
Fitting Installation	Labor			Labor	
😑 🏅 • 6" 45 Deg. MJ x MJ DI	IP Bend			Count	
6" 45 Deg. MJ x M	1) DIP Bend			Material	
Fitting Installation	Labor			Labor	
8" 45 Deg. MJ x MJ DI	IP Bend			Count	
8" 45 Deg. MJ x M	U DIP Bend			Material	
- Jahr Fitting Installation	Labor			Labor	
E :• 10" 45 Deg. MJ x MJ 0	DIP Bend			Count	
10" 45 Deg. MJ x	MJ DIP Bend			Material	
- J Fitting Installation	Labor			Labor	
E :• 12" 45 Deg. MJ x MJ 0	DIP Bend			Count	
12" 45 Deg. MJ x	MJ DIP Bend			Material	
Fitting Installation	Labor			Labor	
😑 🏮 14" 45 Deg. MJ x MJ 0	DIP Bend			Count	
14" 45 Deg. MJ x	MJ DIP Bend			Material	
Fitting Installation	Labor			Labor	
E 🙆 60 Deg. Bend				Folder	
😑 🏅 4° 60 Deg. MJ x MJ DI	IP Bend			Count	
4" 60 Deg. MJ x M	1) DIP Bend			Material	
- Jeitting Installation	Labor			Labor	
6" 60 Deg. MJ x MJ DI	IP Bend			Count	
6" 60 Deg. MJ x M	U DIP Bend			Material	
- JP Fitting Installation	Labor			Labor	
8* 60 Deg. MJ x MJ DI	IP Bend			Count	
8" 60 Deg. MJ x M	13 DIP Bend			Material	
Fitting Installation	Labor			Labor	
E 10° 60 Deg. MJ x MJ 0	DIP Bend			Count	
10" 60 Deg. MJ x	MJ DIP Bend			Material	
Fitting Installation	Labor			Labor	
E :• 12" 60 Deg. MJ x MJ 0	DIP Bend			Count	
12" 60 Deg. MJ x	MJ DIP Bend			Material	
Je Fitting Installation	Labor			Labor	
E :• 14" 60 Deg. MJ x MJ 0	DIP Bend			Count	
14" 60 Deg. MJ x	MJ DIP Bend			Material	-
- Ju Fitting Installation	Labor			Labor	



Name	Description	Division	Type	Color
🕀 🧰 Wyes		1	Folder	
+ 4x4 WYE SCH 40 DIP MJ x MJ			Count	1
4x4 WYE SCH 40 DIP MJ x MJ		1	Material	
Fitting Installation Labor			Labor	-
E 6x4 WYE SCH 40 DIP MJ x MJ			Count	
6x4 WYE SCH 40 DIP MJ x MJ			Material	-
Fitting Installation Labor			Labor	-
				-
6x6 WYE SCH 40 DIP MJ x MJ			Count	_
6x6 WYE SCH 40 DIP MJ x MJ			Material	-
Fitting Installation Labor			Labor	-
8x4 WYE SCH 40 DIP MJ x MJ			Count	
8x4 WYE SCH 40 DIP MJ x MJ			Material	
Fitting Installation Labor		6	Labor	6
🕀 🏮 8x6 WYE SCH 40 DIP MJ x MJ			Count	
8x6 WYE SCH 40 DIP MJ x MJ			Material	
- JP Fitting Installation Labor			Labor	
E 8x8 WYE SCH 40 DIP MJ x MJ			Count	
8x8 WYE SCH 40 DIP MJ x MJ		1	Material	
Fitting Installation Labor			Labor	-
E 10x4 WYE SCH 40 DIP MJ x MJ			Count	
10x4 WYE SCH 40 DIP M3 x M3			Material	_
		1	Labor	-
Fitting Installation Labor				-
E 10x6 WYE SCH 40 DIP MJ x MJ			Count	-
10x6 WYE SCH 40 DIP MJ x MJ		-	Material	-
Fitting Installation Labor			Labor	-
I0x8 WYE SCH 40 DIP MJ x MJ		11	Count	
10x8 WYE SCH 40 DIP MJ x MJ			Material	
Fitting Installation Labor		0 1	Labor	1
10x10 WYE SCH 40 DIP MJ x MJ			Count	
10x10 WYE SCH 40 DIP MJ x MJ			Material	
- JP Fitting Installation Labor			Labor	
E 12x4 WYE SCH 40 DIP MJ x MJ			Count	
12x4 WYE SCH 40 DIP MJ x MJ		1	Material	
Pitting Installation Labor			Labor	-
E 12x6 WYE SCH 40 DIP MJ x MJ			Count	
12x6 WYE SCH 40 DIP M3 x M3			Material	-
Pitting Installation Labor			Labor	-
		-		-
E 12x8 WYE SCH 40 DIP MJ x MJ			Count	_
12x8 WYE SCH 40 DIP MJ x MJ		1	Material	-
Fitting Installation Labor			Labor	-
12x10 WYE SCH 40 DIP MJ x MJ			Count	
12x10 WYE SCH 40 DIP MJ x MJ			Material	
Fitting Installation Labor		0	Labor	0
E 12x12 WYE SCH 40 DIP MJ x MJ			Count	
12x12 WYE SCH 40 DIP MJ x MJ			Material	
- Ja Fitting Installation Labor			Labor	

ne	Description	Division	Type	Color
🖻 🚞 Tees			Folder	
4x4 TEE SCH 40 DIP MJ x MJ			Count	
4x4 TEE SCH 40 DIP MJ x MJ			Material	
- J Fitting Installation Labor			Labor	
E 6x4 TEE SCH 40 DIP MJ x MJ			Count	-
6x4 TEE SCH 40 DIP MJ x MJ			Material	-
Pitting Installation Labor			Labor	-
E 6x6 TEE SCH 40 DIP MJ x MJ			Count	
6x6 TEE SCH 40 DIP MJ x MJ			Material	-
Fitting Installation Labor		-	Labor	-
E & 8x4 TEE SCH 40 DIP MJ x MJ			Count	-
8x4 TEE SCH 40 DIP MJ x MJ			Material	-
Pitting Installation Labor			Labor	-
8x6 TEE SCH 40 DIP MJ x MJ			Count	_
8x6 TEE SCH 40 DIP MJ x MJ			Material	_
Fitting Installation Labor			Labor	-
8x8 TEE SCH 40 DIP MJ x MJ			Count	
8x8 TEE SCH 40 DIP MJ x MJ			Material	_
Fitting Installation Labor			Labor	
E 10x4 TEE SCH 40 DIP M3 x M3			Count	
10x4 TEE SCH 40 DIP MJ x MJ			Material	
Fitting Installation Labor			Labor	
E 10x6 TEE SCH 40 DIP MJ x MJ			Count	
10x6 TEE SCH 40 DIP MJ x MJ			Material	
Fitting Installation Labor			Labor	
E 10x8 TEE SCH 40 DIP MJ x MJ			Count	
10x8 TEE SCH 40 DIP MJ x MJ			Material	
Fitting Installation Labor			Labor	
10x10 TEE SCH 40 DIP MJ x MJ			Count	
10x10 TEE SCH 40 DIP M3 x M3			Material	_
Fitting Installation Labor			Labor	-
E 12x4 TEE SCH 40 DIP MJ x MJ			Count	-
12x4 TEE SCH 40 DIP MJ x MJ			Material	-
Pitting Installation Labor		-	Labor	-
E 12x6 TEE SCH 40 DIP MJ x MJ				-
			Count	_
12x6 TEE SCH 40 DIP MJ x MJ			Material	-
Fitting Installation Labor			Labor	-
E 12x8 TEE SCH 40 DIP MJ x MJ			Count	-
12x8 TEE SCH 40 DIP MJ x MJ			Material	-
Fitting Installation Labor			Labor	-
E 12x10 TEE SCH 40 DIP MJ x MJ			Count	
12x10 TEE SCH 40 DIP MJ x MJ			Material	-
Fitting Installation Labor			Labor	
12x12 TEE SCH 40 DIP MJ x MJ			Count	
12x12 TEE SCH 40 DIP MJ x MJ			Material	

ne		Description	Division	Type	Color
Crosses			8	Folder	
e + 4x4 CROSS SC	CH 40 DIP MJ x MJ			Count	
4x4 CROS	S SCH 40 DIP MJ x MJ			Material	
	tallation Labor		1	Labor	-
E : 6x4 CROSS SO				Count	
	S SCH 40 DIP MJ x MJ		1	Material	-
the second s	tallation Labor			Labor	-
A CONTRACTOR OF A CONTRACTOR O			-		-
E 6x6 CROSS SC				Count	-
	S SCH 40 DIP MJ x MJ			Material	-
	tallation Labor			Labor	
E ax4 CROSS SC	and distant of the terministic structure of the second			Count	
8x4 CROS	S SCH 40 DIP MJ x MJ	-	9	Material	1
Pitting Ins	tallation Labor			Labor	
E * 8x6 CROSS SC	CH 40 DIP MJ x MJ			Count	
8x6 CROS	S SCH 40 DIP MJ x MJ			Material	
- Ja Fitting Ins	tallation Labor			Labor	
E . 8x8 CROSS 50	CH 40 DIP MJ x MJ		6	Count	
8x8 CROS	S SCH 40 DIP MJ x MJ		11 1	Material	
Ja Fitting Ins	tallation Labor			Labor	-
E 10x4 CROSS S	the second state and a second state of the sec			Count	
	SS SCH 40 DIP MJ x MJ			Material	
and the second se	tallation Labor			Labor	
A second s	SCH 40 DIP MJ x MJ	-	1	Count	-
the second s					-
	SS SCH 40 DIP MJ x MJ			Material	
	tallation Labor			Labor	-
E • 10x8 CROSS 5				Count	_
	SS SCH 40 DIP MJ x MJ		1	Material	-
	tallation Labor			Labor	-
10x10 CROSS	SCH 40 DIP MJ x MJ		1.1	Count	
10x10 CR/	OSS SCH 40 DIP MJ x MJ		11 8	Material	
- Ja Fitting Ins	tallation Labor			Labor	
E 12x4 CROSS 5	SCH 40 DIP MJ x MJ		0 3	Count	
12x4 CRO	SS SCH 40 DIP MJ x MJ		11 8	Material	
- Fitting Ins	tallation Labor			Labor	
2 12x6 CROSS 5	CH 40 DIP MJ x MJ			Count	
	SS SCH 40 DIP MJ x MJ			Material	-
All address of the local division of the loc	tallation Labor			Labor	
E 12x8 CROSS S				Count	-
and the second s	SS SCH 40 DIP MJ x MJ	-		Material	_
					-
	tallation Labor			Labor	_
	SCH 40 DIP MJ x MJ			Count	-
	OSS SCH 40 DIP MJ x MJ		5	Material	-
Fitting Ins	tallation Labor	-		Labor	-
12x12 CROSS	SCH 40 DIP MJ x MJ			Count	
12x12 CR	OSS SCH 40 DIP MJ x MJ			Material	

Name		Description	Division	Type	Color
E	Reducers			Folder	
	6x4 DIP Concentric Reducer MJxMJ			Count	
	6x4 DIP Concentric Reducer M3xM3			Material	
	Fitting Installation Labor			Labor	
	8x4 DIP Concentric Reducer MJxMJ			Count	
	8x4 DIP Concentric Reducer MJxMJ			Material	
	Fitting Installation Labor			Labor	
	8x6 DIP Concentric Reducer MJxMJ			Count	
	8x6 DIP Concentric Reducer MJxMJ			Material	
	- J Fitting Installation Labor			Labor	
	E • 10x4 DIP Concentric Reducer MJxMJ			Count	
	10x4 DIP Concentric Reducer MJxMJ			Material	
	Fitting Installation Labor			Labor	
	10x6 DIP Concentric Reducer MJxMJ			Count	-
	10x6 DIP Concentric Reducer MJxMJ		P	Material	
	Fitting Installation Labor			Labor	
	10x8 DIP Concentric Reducer MJxMJ			Count	
	10x8 DIP Concentric Reducer MJxMJ			Material	
	Fitting Installation Labor			Labor	
	E 12x4 DIP Concentric Reducer MJxMJ		1	Count	
	12x4 DIP Concentric Reducer MJxMJ			Material	
	Jitting Installation Labor			Labor	
	E 12x6 DIP Concentric Reducer MJxMJ			Count	
	12x6 DIP Concentric Reducer MJxMJ			Material	
	Fitting Installation Labor			Labor	
	E • 12x8 DIP Concentric Reducer MJxMJ			Count	
	12x8 DIP Concentric Reducer MJxMJ			Material	
	Fitting Installation Labor			Labor	
	E 12x10 DIP Concentric Reducer MJxMJ			Count	
	12x10 DIP Concentric Reducer MJxMJ			Material	
	Fitting Installation Labor			Labor	

Name	Description	Division	Type	Color
🖻 🚞 Plugs and Caps		1	Folder	
E 4* DIP PLUG SCH 40 MJ			Count	
4" DIP PLUG SCH 40 MJ			Material	
Fitting Installation Labor			Labor	
E 6" DIP PLUG SCH 40 MJ			Count	
6" DIP PLUG SCH 40 MJ			Material	
Fitting Installation Labor			Labor	
B * DIP PLUG SCH 40 MJ			Count	
8" DIP PLUG SCH 40 MJ			Material	
Fitting Installation Labor			Labor	
E 10" DIP PLUG SCH 40 MJ			Count	
10" DIP PLUG SCH 40 MJ			Material	
- JP Fitting Installation Labor			Labor	
E 12" DIP PLUG SCH 40 MJ			Count	
12" DIP PLUG SCH 40 MJ			Material	
Fitting Installation Labor			Labor	
E 14" DIP PLUG SCH 40 MJ			Count	
14" DIP PLUG SCH 40 MJ			Material	
- JP Fitting Installation Labor			Labor	
E 16" DIP PLUG SCH 40 MJ			Count	
16" DIP PLUG SCH 40 MJ			Material	
Fitting Installation Labor			Labor	
E 18" DIP PLUG SCH 40 MJ			Count	
18" DIP PLUG SCH 40 MJ			Material	
Fitting Installation Labor			Labor	
E 20" DIP PLUG SCH 40 MJ			Count	
20" DIP PLUG SCH 40 MJ			Material	
- JP Fitting Installation Labor			Labor	
E 22" DIP PLUG SCH 40 MJ			Count	
22" DIP PLUG SCH 40 MJ			Material	
Fitting Installation Labor			Labor	
E 24" DIP PLUG SCH 40 MJ			Count	
24" DIP PLUG SCH 40 MJ			Material	
Fitting Installation Labor			Labor	

ame	Description	Division	Туре	Color
🖯 🧰 Catch Basins and Inlets			Folder	
😑 🧰 Round Catch Basins			Folder	
🖃 🍨 12" Standard Inline Drain Basin			Count	
12" Standard Inline Drain Basin			Material	
Catch Basin Install Labor			Labor	
🖃 🍨 24" Standard Inline Drain Basin			Count	
24" Standard Inline Drain Basin			Material	
Catch Basin Install Labor			Labor	
36" Standard Inline Drain Basin			Count	
36" Standard Inline Drain Basin			Material	
Catch Basin Instal Labor			Labor	
🖃 🏮 48° Standard Inline Drain Basin			Count	
48" Standard Inline Drain Basin			Material	
Catch Basin Install Labor			Labor	
🕀 🚞 Rectangular Catch Basins			Folder	-
10" x 10" X 12" Catch Basin			Count	
10" x 10" X 12" Catch Basin			Material	
Catch Basin Install Labor			Labor	
12" x 12" X 12" Catch Basin			Count	
12" x 12" X 12" Catch Basin			Material	
Catch Basin Instal Labor			Labor	
18" x 18" X 12" Catch Basin			Count	
18" x 18" X 12" Catch Basin			Material	
Catch Basin Install Labor			Labor	
- 24" x36" X 12" Catch Basin			Count	
24" x36" X 12" Catch Basin			Material	
🖉 Catch Basin Install Labor			Labor	
🖻 🧰 Rectangular Dainage Inlets			Folder	
10° x10° X 24° Drainage Inlet			Count	
10" x10" X 24" Drainage Inlet			Material	
Jack Basin Install Labor	1		Labor	
E • 12" x12" X 24" Drainage Inlet			Count	
12" x12" X 24" Drainage Inlet			Material	
🥔 Catch Basin Install Labor			Labor	
E • 18" x 18" X 24" Drainage Inlet			Count	
18" x18" X 24" Drainage Inlet			Material	
Je Catch Basin Install Labor			Labor	

ame		Description	Division	Type	Color
🖻 🧰 Man	holes			Folder	
	48° Manhole			Count	
	48" Dia. x 36" H Round Base			Material	
	48" Dia. x 24" H Round Riser			Material	1
1	Square Slab Roof w/ 48" Opening	2		Material	1
	48" Dia. Flat Round Roof w/ 24" Concentric Opening			Material	
	24" x 3" Grade Ring			Material	
-	24" Ring and Cover			Material	
	Anhole Installation Labor			Labor	
<b>B</b> -	60° Manhole		1	Count	
	60" Dia. x 36" H Round Base			Material	
-	60° Dia. x 24° H Round Riser			Material	
-	Square Slab Roof w/ 60" Opening			Material	
	60° Dia. Flat Round Roof w/ 24° Concentric Opening			Material	
12	24" x 3" Grade Ring	3	1	Material	1
	24" Ring and Cover			Material	
-	Manhole Installation Labor			Labor	
B-	72" Manhole			Count	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	72" Dia. x 36" H Round Base			Material	
1	72" Dia. x 24" H Round Riser			Material	1
	Square Slab Roof w/ 72" Opening			Material	
-	72" Dia, Flat Round Roof w/ 24" Concentric Opening			Material	
-	24" x 3" Grade Ring			Material	
	24° Ring and Cover			Material	
L	Manhole Installation Labor			Labor	1
	96" Manhole			Count	
E F	96" Dia. x 36" H Round Base			Material	
-	96" Dia. x 24" H Round Riser			Material	
	Square Slab Roof w/ 96" Opening		-	Material	
1	96" Dia. Flat Round Roof w/ 24" Concentric Opening			Material	
	24" x 3" Grade Ring			Material	
-	24" Ring and Cover			Material	
	Manhole Installation Labor			Labor	

Site	Utility-	Storm	Drain –	Continued
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me	Description	Division	Type	Color
E Cleanouts			Folder	
😑 🚦 🔹 2" Storm Drain Cleanout			Count	
2* Storm Drain Cleanor	it		Material	
Cleanout Install Labor			Labor	
😑 🐌 3" Storm Drain Cleanout			Count	
3" Storm Drain Cleanor	it		Material	
🖉 Cleanout Install Labor			Labor	
🖃 🏮 4" Storm Drain Cleanout			Count	
4" Storm Drain Cleanor	it.		Material	
Cleanout Install Labor			Labor	
🕀 🏮 6" Storm Drain Cleanout			Count	
6* Storm Drain Cleanor	it		Material	
Cleanout Install Labor			Labor	
🖃 🏮 8° Storm Drain Cleanout			Count	
8" Storm Drain Cleanor	it		Material	
🦾 🖉 Cleanout Install Labor			Labor	
🖹 🚦 10" Storm Drain Cleanout			Count	
10" Storm Drain Clean	but		Material	
🖉 🖉 Cleanout Install Labor			Labor	
E 12" Storm Drain Cleanout			Count	
12" Storm Drain Clean	but		Material	
🖉 🖉 Cleanout Install Labor			Labor	
🖃 🏮 14" Storm Drain Cleanout			Count	
14" Storm Drain Clean	put		Material	
🖉 Cleanout Install Labor			Labor	
🖃 🏮 16" Storm Drain Cleanout			Count	
16° Storm Drain Clean	put		Material	
Jeanout Install Labor			Labor	

lame	Description	Division	Type	Color
🗄 🧰 Outlets			Folder	
E 12" Flared Concrete End Section			Count	
12" Flared Concrete End Section			Material	
Catch Basin Install Labor			Labor	
E :• 18" Flared Concrete End Section			Count	
18" Flared Concrete End Section			Material	
Je Catch Basin Install Labor		-	Labor	
24" Flared Concrete End Section			Count	
24" Flared Concrete End Section			Material	
🖉 Catch Basin Install Labor			Labor	
- 30" Flared Concrete End Section			Count	
30" Flared Concrete End Section			Material	
🖉 Catch Basin Install Labor			Labor	
36" Flared Concrete End Section			Count	
36" Flared Concrete End Section			Material	
Catch Basin Install Labor			Labor	
42" Flared Concrete End Section			Count	
42" Flared Concrete End Section			Material	
- Ja Catch Basin Install Labor			Labor	
48" Flared Concrete End Section			Count	
48" Flared Concrete End Section			Material	
🧀 Catch Basin Install Labor			Labor	
E - 54" Flared Concrete End Section			Count	
54" Flared Concrete End Section			Material	
Catch Basin Install Labor			Labor	