Submittal # #27



FO-INTEG-PROJECT-PO0001-REV.03 Gestión de Control de Calidad / Quality Management

Information

Status: In Review

Task/tareas condition

Legend
Overdue
On Time
Delayed Start
Inactive

Project (CDC) - Empresa/ Integ Miami LLC

COMPANY:

Project (CDC) - CDC (Centro I-PLUMBING-GGMTF-021919

de Costo)

Project (CDC) - Customer Lead Engineering Contractor

Name

Project (CDC) - Ubicacion 15890 Northwest 7th Avenue, Miami, Florida 33169

Submittal

Title: PIPE & FITTING PVC DWV (UNDERGROUND)

Spec Section: SECTION 22 1005 Description: PLUMBING PIPING UNDERGROUND - ALL BUILDING

Submittal Type: Product Data

Submit By: 12-09-2019 Responsible Contractor: Integ Miami LLC

Submittal Manager: Eduardo Pereira

Issue Date: 12-09-2019 12:00 AM Final Due Date: 13-09-2019

Lead Time: 3

Ball in Court: KAUFFMAN

Attachment

Attachment: 27 Submittal PIPE & FITTING PVC Charlote.pdf

Linked Drawings:

Notes:

Stamp Info

Stamp Date: 12-09-2019

Other Name:

Show Stamp on PDF:

Submittal logs

Add Submittal LOG

9/13/2019 PROYECTOS INTEG -

Revision #	Date Submittal REV	Attachement Document:	Comments:
No submittal lo	gs found		

•	Submittal Approval		
	Approval	Name/Title:	
	Signature		

Created on Sept. 12 at 11:26 AM (PDT). Last updated by pma@integca.com, PMA today at 10:36 AM (PDT). Owned by pma@integca.com, PMA.



SUBMITTAL FOR CHARLOTTE PIPE® PVC SCHEDULE 40 SOLID WALL PIPE AND PVC DWV

Dat	te:	_			Integral Engineering	the vendor of the responsibility of making th work conform to the plans and the FDOT Design Standars.
Job	Name:		Location: _		Submittal #: CDC:	27 I-PLUMBING-GGMTF-021919
Eng	gineer:		Contractor:		Job #: Reviewed by:	424 EDUARDO PEREIRA
	Scope:				Vendor: Product Description:	REVISION PIPE & FITTING PVC SCH 40 (UNDERGROUND)
	This appointmention covers	DVC Cabadula 40 solid wall si	ing and DVC DV	A/\ / fittings used	in coniton, dro	in wasta and

This specification covers PVC Schedule 40 solid wall pipe and PVC DWV fittings used in sanitary drain, waste and vent (DWV), sewer and storm drainage applications. This system is intended for use in non-pressure applications where the operating temperature will not exceed 140° F.

Specification:

Pipe shall be manufactured from virgin rigid PVC (polyvinyl chloride) vinyl compounds with a cell class of 12454 as identified in ASTM D 1784. PVC Schedule 40 pipe shall be Iron Pipe Size (IPS) conforming to ASTM D 1785 and ASTM D 2665. Injection molded PVC DWV fittings shall conform to ASTM D 2665. Fabricated PVC DWV fittings shall conform to ASTM F 1866. All pipe and fittings shall be manufactured in the United States. All systems shall utilize a separate waste and vent system. Pipe and fittings shall conform to NSF International Standard 14.

Installation

Installation shall comply with the latest installation instructions published by Charlotte Pipe and Foundry and shall conform to all applicable plumbing, fire, and building code requirements. Buried pipe shall be installed in accordance with ASTM D 2321 and ASTM F 1668. Solvent cement joints shall be made in a two-step process with primer conforming to ASTM F 656 and solvent cement conforming to ASTM D 2564. The system shall be protected from chemical agents, fire-stopping materials, thread sealant, plasticized-vinyl products or other aggressive chemical agents not compatible with PVC compounds. The system shall be hydrostatically tested after installation.

WARNING! Never test with or transport/store compressed air or gas in PVC pipe or fittings. Doing so can result in explosive failures and cause severe injury or death.

Referenced Standards:

ASTM D 1784:
ASTM D 1785:
ASTM D 2665:
ASTM D 2564:
ASTM D 2321:

ASTM D 656:

ASTM D 2784:
ASTM D 2564:
ASTM D 2784:
ASTM D 2321:

ASTM D 2321:

ASTM D 2321:

ASTM D 2321:

ASTM F 656:

Rigid Vinyl Compounds
PVC Pipe, Schedule 40

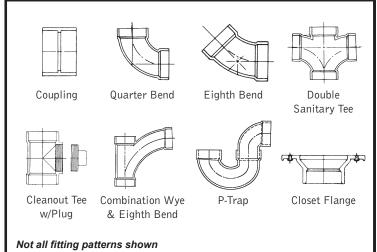
PVC Drain, Waste and Vent Pipe and Fittings

Solvent Cements for PVC Pipe and Fittings

Underground Installation of Thermoplastic
Pipe (non-pressure applications)

Primers for PVC Pipe and Fittings

ASTM F 656: ASTM F 1668: ASTM F 1866: NSF Standard 14: Primers for PVC Pipe and Fittings
Procedures for Buried Plastic Pipe
Fabricated PVC DWV Fittings
Plastic Piping Components and
Related Materials





PVC Schedule 40 DWV Pipe						
PVC SCHEDU	PVC SCHEDULE 40 (WHITE) PLAIN END PVC 1120				20 A	STM D 2665
PART NO.	NOM. SIZE	UPC # 611942-	QTY. PER SKID	AVG. OD (IN.)	MIN. WALL (IN.)	WT. PER 100 FT. (LBS.)
PVC 7100*	11/4"x10'	03945	2120′	1.660	.140	42.4
PVC 7100*	11/4"x20'	03946	4240′	1.660	.140	42.4
PVC 7112*	1½"x10'	03947	1650′	1.900	.145	51.8
PVC 7112*	1½"x20'	03948	3300′	1.900	.145	51.8
PVC 7200*	2"x10"	03949	1110′	2.375	.154	69.5
PVC 7200*	2"x20'	03950	2220′	2.375	.154	69.5
PVC 7300*	3"x10"	03951	1040′	3.500	.216	144.2
PVC 7300*	3"x20"	03952	920′	3.500	.216	144.2
PVC 7400†	4"x10"	03953	600′	4.500	.237	205.5
PVC 7400†	4"x20"	03954	1340′	4.500	.237	205.5
PVC 7500†	5"x20"	04837	760′	5.563	.258	272.5
PVC 7600†	6"x10"	03955	330′	6.625	.280	361.2
PVC 7600†	6"x20"	03956	660 [′]	6.625	.280	361.2
PVC 7800†	8"x10"	13087	180′	8.625	.322	543.6
PVC 7800†	8"x20"	03958	360′	8.625	.322	543.6
PVC 7910†	10"x20"	03959	220′	10.750	.365	770.7
PVC 7912†	12"x20"	03961	120′	12.750	.406	1019.0
PVC 7914†	14"x20"	04862	60′	14.000	.437	1205.0
PVC 7916†	16"x20"	04918	60′	16.000	.500	1575.7

DVC Schodula 40 DWV Pina

Charlotte Pipe and Foundry Company • P.O. Box 35430 Charlotte, NC 28235 • (800) 438-6091 • www.charlottepipe.com

Product Certification



This is to certify that all Plastic Pipe and Fittings manufactured by Charlotte Pipe and Foundry Company are manufactured in the United States and conform to the following standards:

PVC SCH. 40 SOLID WALL PIPE

ASTM D 1784, ASTM D 1785, ASTM D 2665 FHA UM 79a FEDERAL SPECIFICATION L-P-320a NSF STANDARD 14 AND 61

PVC SCH. 40 DWV CELLULAR CORE PIPE

ASTM D 4396, ASTM F 891 NSF STANDARD NO. 14

PVC SCH. 40 DWV FITTINGS

ASTM D 1784, ASTM D 2665, ASTM D 3311, ASTM F1866 FHA UM 79a FEDERAL SPECIFICATION L-P-320a NSF STANDARD NO. 14

ConnecTite® PUSH-FIT DWV FITTINGS

ASME A112.4.4, IAPMO IGC 334 NSF STANDARD NO. 14

PVC SDR-21 AND SDR-26 PRESSURE PIPE

ASTM D 1784, ASTM D 2241 NSF STANDARD NO. 14 AND 61

PVC SCH. 40 PRESSURE FITTINGS

ASTM D 1784, ASTM D 2466 NSF STANDARD 14 AND 61

PVC SCH. 40 WELL CASING PIPE

ASTM D 1784, ASTM F 480 NSF STANDARD NO. 14 AND 61

PVC SCH. 80 PIPE

ASTM D 1784, ASTM D 1785 NSF STANDARD NO. 14 AND 61

PVC SCH. 80 FITTINGS

ASTM D 1784, ASTM D 2467 ASTM D 2464 ASTM F 1970 NSF STANDARD NO. 14 AND 61

PVC SDR 35 SEWER MAIN PIPE

ASTM D 1784, ASTM D 3034, SDR 35 ASTM D 3212, ASTM F 477

PVC SEWER AND DRAIN PIPE

ASTM D 1784, ASTM D 2729

PVC THIN WALL PIPE & FITTINGS

ASTM D 1784, ASTM D 2949 NSF STANDARD NO. 14

CPVC FLOWGUARD GOLD® CTS PIPE & FITTINGS

ASTM D 1784, ASTM D 2846 FHA UM-61a NSF STANDARD NO. 14 AND 61 CSA LISTED ON SPECIFIED ITEMS

CPVC CHEMDRAIN® SCH. 40 PIPE & FITTINGS

ASTM D 1784, ASTM F 2618 NSF STANDARD 14

ABS SCH. 40 DWV CELLULAR CORE PIPE

ASTM D 3965, ASTM F 628 NSF STANDARD NO. 14

ABS PLUS®SCH. 40 DWV CELLULAR CORE PIPE

ASTM D 3965, ASTM D 4396, ASTM F 1488

ABS SCH. 40 DWV FITTINGS

ASTM D 3965, ASTM D 2661, ASTM D 3311 FHA UM 79a FEDERAL SPECIFICATION L-P-322b NSF STANDARD NO. 14

CHARLOTTE PIPE AND FOUNDRY COMPANY