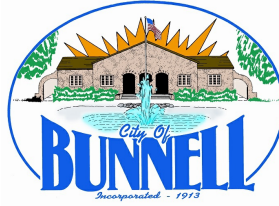


CATHERINE D. ROBINSON
MAYOR

JOHN ROGERS
VICE-MAYOR

DR. ALVIN B. JACKSON, JR.
CITY MANAGER



Crossroads of Flagler County

COMMISSIONERS:

ROBERT BARNES

TINA-MARIE SCHULTZ

TONYA GORDON

BUNNELL CITY COMMISSION MEETING

Monday, May 9, 2022

7:00 PM

1769 East Moody Boulevard (GSB),
Chambers Room
Bunnell, FL 32110

A. Call Meeting to Order and Pledge Allegiance to the Flag

Roll Call

Invocation for our Military Troops and National Leaders

B. Introductions, Commendations, Proclamations, and Presentations:

B.1. Proclamation: National Police Week

C. Consent Agenda:

C.1. Approval of Warrant

a. May 9, 2022 Warrant

C.2. Approval of Minutes

a. April 25, 2022 City Commission Meeting Minutes

C.3. Confirmation of the hiring of Marcus DePasquale as the City Engineer.

D. Public Comments:

Comments regarding items not on the Agenda. Citizens are encouraged to speak; however, comments are limited to four (4) minutes.

E. Ordinances: (Legislative): None

E.1. Ordinance 2021-40 Requesting to change the Future Land Use Map in the Comprehensive Plan for 11.9± acres of land, owned by Christopher Barney, Bearing the Parcel ID: 22-12-30-0650-000D0-0061 from Flagler County "Agriculture & Timberlands" to City of Bunnell "Agriculture" - Second Reading

E.2. Ordinance 2021-41 Requesting to change the official zoning map for 11.9± acres of land, owned by Christopher Barney, Bearing the Parcel ID: 22-12-30-0650-

000D0-0061 from Flagler County, "AC- Agriculture" to City of Bunnell, "AG- Agricultural District". - Second Reading

- E.3. Ordinance 2021-42 Requesting to change the Future Land Use Map in the Comprehensive Plan for 1.10± acres of land, owned by Ryan Liebert, Bearing the Parcel ID: 21-13-31-0650-000A0-0920 from Flagler County, Residential Low Density/Rural Estate to City of Bunnell, Agriculture - Second Reading
- E.4. Ordinance 2021-43 Requesting to change the official zoning map for 1.10± acres of land, owned by Ryan Liebert, Bearing the Parcel ID: 21 13-31-0650-000A0-0920 from the Flagler County "MH-1, Rural Mobile Home" district to the City of Bunnell "AG, Agricultural District" - Second Reading
- E.5. Ordinance 2022-12 Amending the Bunnell Land Development Code Chapter 22 Site Plan Review and Approval amending minimum standards of construction. - First Reading

F. Resolutions: (Legislative): None

G. Old Business: None

H. New Business:

- H.1. Request to Appoint Members to the 2022 Charter Review Committee
- H.2. Request to Award the Bid for Request for Proposal (RFP) 2022-01 Remediation Services for Coquina Hall.
- H.3. 2022 Legislative Update

I. Reports:

- **City Clerk**
- **Police Chief**
- **City Attorney**
- **City Manager**
- **Mayor and City Commissioners**

J. Call for Adjournment.

This agenda is subject to change without notice. Please see posted copy at City Hall, and our website www.BunnellCity.us.

NOTICE: If any person decides to appeal any decision made by the City Commission or any of its boards, with respect to any matter considered at any meeting of such boards or commission, he or she will need a record of the proceedings, and for this purpose he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is based, 286.0105 Florida Statutes.

Any person requiring a special accommodation at this meeting because of a disability or physical impairment should contact the City Clerk at (386) 437-7500 at least 48 hours prior to the meeting date.

THE CITY OF BUNNELL IS AN EQUAL OPPORTUNITY SERVICE PROVIDER.

Posted by City Clerk's office on May 2, 2022



City of Bunnell, Florida

ATTACHMENTS:

Description

Warrant 5/9/2022

Type

Warrant



City of Bunnell, FL

Expense Approval Register

Packet: APPKT07553 - 5.9.22 Warrant

(None)	Post Date	Vendor Name	Description (Item)	Account Number	Amount
Vendor: Advance Stores Company, Incorporated					
	03/08/2022	Advance Stores Company, Inco...	Oil & Air Filters for Two Mowe...	001-0572-572.4640	35.66
		Vendor Advance Stores Company, Incorporated Total:			35.66
Vendor: AG-PRO, LLC					
	04/12/2022	AG-PRO, LLC	Repair Parts for Hydraulic Leak...	001-0541-541.4640	149.10
	04/26/2022	AG-PRO, LLC	Replace Lower CV Axles Unit 7...	001-0541-541.4640	483.58
	04/26/2022	AG-PRO, LLC	Rack for Unit 705	001-0541-541.4640	-120.08
		Vendor AG-PRO, LLC Total:			512.60
Vendor: American Family Life Assurance Company of Columbus					
	04/15/2022	American Family Life Assuranc...	April 2022	001-2185000	754.98
		Vendor American Family Life Assurance Company of Columbus Total:			754.98
Vendor: Atlantic Pipe Services LLC					
	04/12/2022	Atlantic Pipe Services LLC	Sand Filter Cleaning 0422	404-0535-535.3400	1,040.00
	04/12/2022	Atlantic Pipe Services LLC	Vac Truck Fuel Recovery	404-0535-535.3400	150.00
		Vendor Atlantic Pipe Services LLC Total:			1,190.00
Vendor: AWH Orlando Property, LLC					
	03/22/2022	AWH Orlando Property, LLC	OAG Conference - CDevane	001-0521-521.5500	297.00
		Vendor AWH Orlando Property, LLC Total:			297.00
Vendor: Bunnell Auto Supply, Inc.					
	04/14/2022	Bunnell Auto Supply, Inc.	LED Amber/White Strobe Light...	001-0541-541.4620	160.00
	04/14/2022	Bunnell Auto Supply, Inc.	2 in 1 Emergency LED	001-0541-541.4620	180.00
	04/19/2022	Bunnell Auto Supply, Inc.	Chisel / LNG Barrel Air Hammer	404-0535-535.5265	133.67
	04/19/2022	Bunnell Auto Supply, Inc.	12V Power Adapter	001-0541-541.4620	56.00
	04/28/2022	Bunnell Auto Supply, Inc.	Disposable Gloves	001-0549-549.5200	19.99
		Vendor Bunnell Auto Supply, Inc. Total:			549.66
Vendor: Carrie Reiter					
	04/25/2022	Carrie Reiter	Birthday Party Deposit Refund...	001-2200000	50.00
		Vendor Carrie Reiter Total:			50.00
Vendor: Charles J. Cino					
	04/14/2022	Charles J. Cino	Code Enforcement 4/13/22	001-0524-524.3102	375.00
		Vendor Charles J. Cino Total:			375.00
Vendor: Charter Communications Holdings LLC					
	04/11/2022	Charter Communications Hold...	604 E Moody Blvd 6 (4/10-5/9...	001-0519-519.4100	84.98
	05/02/2022	Charter Communications Hold...	405 E Drain St 4/13-5/12/22	001-0572-572.4100	210.92
		Vendor Charter Communications Holdings LLC Total:			295.90
Vendor: Ciara Devane					
	04/26/2022	Ciara Devane	Custom Uniform Tailoring 4/7...	001-0521-521.5220	115.02
		Vendor Ciara Devane Total:			115.02
Vendor: City of Bunnell - WS O&M					
	04/28/2022	City of Bunnell - WS O&M	01-0040-01 APR 2022	001-0572-572.4300	378.57
	04/28/2022	City of Bunnell - WS O&M	01-5270-01 APR 2022	401-0533-533.4300	169.45
	04/28/2022	City of Bunnell - WS O&M	02-2060-09 APR 2022	001-0519-519.4300	252.26
	04/28/2022	City of Bunnell - WS O&M	02-2080-08 APR 2022	001-0519-519.4300	235.48
	04/28/2022	City of Bunnell - WS O&M	02-2503-00 APR 2022	404-0535-535.4300	82.29
	04/28/2022	City of Bunnell - WS O&M	02-3191-00 APR 2022	001-0541-541.4300	82.29
	04/28/2022	City of Bunnell - WS O&M	03-0161-00 APR 2022	404-0535-535.4300	107.66
	04/28/2022	City of Bunnell - WS O&M	03-0320-01 APR 2022	001-0572-572.4300	351.25
	04/28/2022	City of Bunnell - WS O&M	03-0370-01 APR 2022	001-0572-572.4300	375.70
	04/28/2022	City of Bunnell - WS O&M	03-0545-00 APR 2022	404-0535-535.4300	82.29
	04/28/2022	City of Bunnell - WS O&M	03-1541-00 APR 2022	404-0535-535.4300	82.29
	04/28/2022	City of Bunnell - WS O&M	03-4991-00 APR 2022	001-0541-541.4300	82.29

(None)	Post Date	Vendor Name	Description (Item)	Account Number	Amount
	04/28/2022	City of Bunnell - WS O&M	03-5151-00 APR 2022	001-0541-541.4300	82.29
	04/28/2022	City of Bunnell - WS O&M	03-5191-00 APR 2022	001-0572-572.4300	82.29
	04/28/2022	City of Bunnell - WS O&M	03-5240-01 APR 2022	404-0535-535.4300	646.56
	04/28/2022	City of Bunnell - WS O&M	03-5260-01 APR 2022	001-0541-541.4300	580.64
	04/28/2022	City of Bunnell - WS O&M	04-0170-02 APR 2022	404-0535-535.4300	82.29
	04/28/2022	City of Bunnell - WS O&M	04-1140-01 APR 2022	001-0572-572.4300	271.19
	04/28/2022	City of Bunnell - WS O&M	04-2181-00 APR 2022	404-0535-535.4300	82.29
	04/28/2022	City of Bunnell - WS O&M	04-2460-03 APR 2022	001-0519-519.4300	607.58
	04/28/2022	City of Bunnell - WS O&M	04-3031-00 APR 2022	001-0541-541.4300	82.29
	04/28/2022	City of Bunnell - WS O&M	04-3032-00 APR 2022	404-0535-535.4300	83.94
	04/28/2022	City of Bunnell - WS O&M	04-3360-01 APR 2022	404-0535-535.4300	82.29
	04/28/2022	City of Bunnell - WS O&M	06-0327-01 APR 2022	404-0535-535.4300	82.29
			Vendor City of Bunnell - WS O&M Total:		5,047.76
Vendor: Colonial Life & Accident Insurance Company					
	04/14/2022	Colonial Life & Accident Insura...	April 2022	001-2185000	918.37
			Vendor Colonial Life & Accident Insurance Company Total:		918.37
Vendor: DG Hardware, Inc.					
	04/20/2022	DG Hardware, Inc.	Fasteners	001-0541-541.4640	23.64
	04/20/2022	DG Hardware, Inc.	Case Grade Stakes	001-0541-541.5200	58.30
	04/20/2022	DG Hardware, Inc.	Nuts, Washers, Bolts & Drill Bits	001-0541-541.5200	47.60
	04/22/2022	DG Hardware, Inc.	Duplicate Keys / Rings	001-0521-521.4620	26.10
	04/28/2022	DG Hardware, Inc.	Spray Paint for Park Touch-up	001-0572-572.5200	42.77
			Vendor DG Hardware, Inc. Total:		198.41
Vendor: DMS - Bureau of Financial Management Services					
	04/14/2022	DMS - Bureau of Financial Ma...	March 2022 - Local Service	001-0513-513.4100	50.31
	04/14/2022	DMS - Bureau of Financial Ma...	March 2022 - Local Service	001-0521-521.4100	65.42
	04/14/2022	DMS - Bureau of Financial Ma...	March 2022 - Local Service	001-0541-541.4100	23.28
	04/14/2022	DMS - Bureau of Financial Ma...	March 2022 - Local Service	401-0533-533.4100	58.20
	04/14/2022	DMS - Bureau of Financial Ma...	March 2022 - Local Service	404-0535-535.4100	58.20
	04/14/2022	DMS - Bureau of Financial Ma...	March 2022 - Long Distance	001-0513-513.4100	0.02
	04/14/2022	DMS - Bureau of Financial Ma...	March 2022 - Long Distance	401-0533-533.4100	0.09
			Vendor DMS - Bureau of Financial Management Services Total:		255.52
Vendor: Environmental Land Services of Flagler County, Inc					
	04/22/2022	Environmental Land Services of..	Solid Waste Dumping 4/15-4/...	402-0534-534.3400	4,227.34
	04/29/2022	Environmental Land Services of..	Solid Waste Dumping 4/22-4/...	402-0534-534.3400	4,017.16
			Vendor Environmental Land Services of Flagler County, Inc Total:		8,244.50
Vendor: FEC ROW LLC					
	05/01/2022	FEC ROW LLC	Pipe Wire License Fee	401-0533-533.4400	9,499.77
	05/01/2022	FEC ROW LLC	Pipe Wire License Fee	404-0535-535.4400	5,906.80
			Vendor FEC ROW LLC Total:		15,406.57
Vendor: Ferguson US Holdings, Inc					
	04/21/2022	Ferguson US Holdings, Inc	12" Tees	001-0538-538.6300	665.43
	04/21/2022	Ferguson US Holdings, Inc	12x12 INLINE DRN W/ GRATE ...	001-0538-538.6300	465.00
	04/21/2022	Ferguson US Holdings, Inc	12x20 F2648 W/TITE SLD HDPE..	001-0538-538.6300	2,110.00
	04/21/2022	Ferguson US Holdings, Inc	18 N12 MARMAC REP COUP	001-0538-538.6300	290.00
	04/21/2022	Ferguson US Holdings, Inc	Water Hammer Arrestors for ...	401-0533-533.4640	547.68
	05/02/2022	Ferguson US Holdings, Inc	FLPU Mark Paint	401-0533-533.5205	63.36
	05/02/2022	Ferguson US Holdings, Inc	Caution Blue Inv Mark Paint	401-0533-533.5205	253.44
	05/02/2022	Ferguson US Holdings, Inc	Saf Green Inv Mark Paint	401-0533-533.5205	95.04
	05/02/2022	Ferguson US Holdings, Inc	FLPU Mark Paint	404-0535-535.5200	63.36
	05/02/2022	Ferguson US Holdings, Inc	Caution Blue Inv Mark Paint	404-0535-535.5200	253.44
	05/02/2022	Ferguson US Holdings, Inc	Saf Green Inv Mark Paint	404-0535-535.5200	95.04
			Vendor Ferguson US Holdings, Inc Total:		4,901.79
Vendor: First Baptist Christian Academy					
	04/25/2022	First Baptist Christian Academy	Field Day Deposit Refund 4/22...	001-2200000	50.00
			Vendor First Baptist Christian Academy Total:		50.00
Vendor: Florida Health Care Plans, Inc.					
	05/01/2022	Florida Health Care Plans, Inc.	T66 Premium May 2022	001-2184000	31,515.38

Expense Approval Register

Packet: APPKT07553 - 5.9.22 Warrant

(None)	Post Date	Vendor Name	Description (Item)	Account Number	Amount
	05/01/2022	Florida Health Care Plans, Inc.	T23 Retiree Premium May 2022	001-2184500	1,985.93
	05/01/2022	Florida Health Care Plans, Inc.	T23 Premium May 2022	001-2184000	3,323.72
		Vendor Florida Health Care Plans, Inc.	Total:		36,825.03
Vendor: Florida Police Chiefs Association					
	04/18/2022	Florida Police Chiefs Associati...	Core II Training - 5/16-18/22 R...	001-0521-521.5500	400.00
	04/28/2022	Florida Police Chiefs Associati...	Agency Head 1 2021-2022 FY ...	001-0521-521.5400	210.00
		Vendor Florida Police Chiefs Association Total:			610.00
Vendor: Fred Fox Enterprises, Inc.					
	04/18/2022	Fred Fox Enterprises, Inc.	Project Implementation 1/1-3...	001-0538-538.6300	2,500.00
		Vendor Fred Fox Enterprises, Inc. Total:			2,500.00
Vendor: Gannett Media Corp					
	03/31/2022	Gannett Media Corp	March 2022 News Journal Ads	001-0513-513.4800	149.64
	03/31/2022	Gannett Media Corp	March 2022 News Journal Ads	001-0524-524.4800	2,125.78
		Vendor Gannett Media Corp Total:			2,275.42
Vendor: GRAINGER PARTS					
	04/21/2022	GRAINGER PARTS	WWTP Fittings to Atttach Tank	404-0535-535.4640	299.07
		Vendor GRAINGER PARTS	Total:		299.07
Vendor: Hawkins Inc					
	04/14/2022	Hawkins Inc	Sodium Bisulfate	401-0533-533.5205	907.50
	04/14/2022	Hawkins Inc	Ultra-Chlor	401-0533-533.5205	534.00
	04/14/2022	Hawkins Inc	AS4000 40%	404-0535-535.5200	231.00
	04/14/2022	Hawkins Inc	Ultra-Chlor	404-0535-535.5200	660.00
	04/22/2022	Hawkins Inc	Ultra-Chlor	404-0535-535.5200	738.00
		Vendor Hawkins Inc Total:			3,070.50
Vendor: iMulchFL Inc					
	04/14/2022	iMulchFL Inc	Natural Shredded Mulch Deliv...	001-0541-541.5200	1,507.50
	05/02/2022	iMulchFL Inc	Engineered Playground Mulch	001-0572-572.5200	2,300.00
		Vendor iMulchFL Inc Total:			3,807.50
Vendor: Insituform Technologies					
	03/09/2022	Insituform Technologies	Slip Lining through 3/4/22	404-0535-535.6300	286,050.30
	03/09/2022	Insituform Technologies	Slip Lining through 3/4/22	404-2050000	-14,302.52
	04/22/2022	Insituform Technologies	Slip Lining through 4/5/22	404-0535-535.6300	135,778.10
	04/22/2022	Insituform Technologies	Slip Lining through 4/5/22	404-2050000	-6,788.91
		Vendor Insituform Technologies Total:			400,736.97
Vendor: KED Group, Inc.					
	04/20/2022	KED Group, Inc.	WWTP POLYMER	404-0535-535.5200	4,232.00
		Vendor KED Group, Inc. Total:			4,232.00
Vendor: Kehle Plumbing, Inc.					
	04/28/2022	Kehle Plumbing, Inc.	Installation of Faucets & Urinals	001-0572-572.4610	999.00
		Vendor Kehle Plumbing, Inc. Total:			999.00
Vendor: Kerri A Uebel					
	04/28/2022	Kerri A Uebel	Rollers, Wheels, Nuts & Bolts	001-0572-572.4640	66.94
	04/08/2022	Kerri A Uebel	Chain Saw Blades and Oil	001-0572-572.4640	179.83
		Vendor Kerri A Uebel Total:			246.77
Vendor: Laser Labs, Inc					
	04/05/2022	Laser Labs, Inc	Enforcer II Tint Meter	001-0521-521.5200	328.00
		Vendor Laser Labs, Inc Total:			328.00
Vendor: Lynch Oil Company					
	04/12/2022	Lynch Oil Company	DYED Diesel Fuel - Tank 2	001-0541-541.5215	698.38
	04/12/2022	Lynch Oil Company	DYED Diesel Fuel - Tank 2	001-0549-549.5210	304.52
	04/12/2022	Lynch Oil Company	DYED Diesel Fuel - Tank 2	404-0535-535.5210	266.67
		Vendor Lynch Oil Company Total:			1,269.57
Vendor: Michael Leo Dove					
	04/26/2022	Michael Leo Dove	Building Inspections 4/12-4/22...	001-0524-524.3401	1,420.00
		Vendor Michael Leo Dove Total:			1,420.00

Expense Approval Register

Packet: APPKT07553 - 5.9.22 Warrant

(None)	Post Date	Vendor Name	Description (Item)	Account Number	Amount
Vendor: MLG Municipal Services LLC					
	05/02/2022	MLG Municipal Services LLC	Building Official Monthly Pay - ...	001-0524-524.3401	2,400.00
			Vendor MLG Municipal Services LLC Total:		2,400.00
Vendor: Morris Electrical Contracting Services					
	04/20/2022	Morris Electrical Contracting S...	Security Camera Installation - ...	001-0572-572.4600	726.00
			Vendor Morris Electrical Contracting Services Total:		726.00
Vendor: NetCentric Technologies Inc					
	04/13/2022	NetCentric Technologies Inc	Common Look PDF Subscription	001-0516-516.5230	1,445.18
			Vendor NetCentric Technologies Inc Total:		1,445.18
Vendor: Nextran					
	04/28/2022	Nextran	HVAC Train/Cert - Fleet Mgr	001-0549-549.5500	30.00
			Vendor Nextran Total:		30.00
Vendor: Office of the Attorney General - Department of Legal Affairs					
	03/22/2022	Office of the Attorney General ...	Course # 150-22-01 Ciara Dev...	001-0521-521.5500	299.00
			Vendor Office of the Attorney General - Department of Legal Affairs Total:		299.00
Vendor: O'Reilly Automotive Inc					
	04/20/2022	O'Reilly Automotive Inc	Training Engine Diagnostics	001-0549-549.5500	39.99
			Vendor O'Reilly Automotive Inc Total:		39.99
Vendor: Pace Analytical Services, LLC					
	04/22/2022	Pace Analytical Services, LLC	Cellular Service 3/14-4/13/22	401-0533-533.3401	137.37
			Vendor Pace Analytical Services, LLC Total:		137.37
Vendor: Palm Coast Printing					
	04/13/2022	Palm Coast Printing	Warning Citation Pads	001-0521-521.4700	264.00
			Vendor Palm Coast Printing Total:		264.00
Vendor: Process Control Services					
	04/24/2022	Process Control Services	Reprogram PLC on WWTP Trea...	404-0535-535.4640	1,400.00
	04/24/2022	Process Control Services	Setup & Calibrate Hydroranger...	401-0533-533.4640	300.00
			Vendor Process Control Services Total:		1,700.00
Vendor: Rayco Funding & Development, Inc					
	04/19/2022	Rayco Funding & Development...	Dewatering Box Maintenance	404-0535-535.3400	1,575.00
			Vendor Rayco Funding & Development, Inc Total:		1,575.00
Vendor: Ring Power Corporation					
	04/13/2022	Ring Power Corporation	Annual Generator Maint / Leak...	401-0533-533.4640	1,278.74
			Vendor Ring Power Corporation Total:		1,278.74
Vendor: Rogers Towing & Recovery Service Inc					
	01/18/2022	Rogers Towing & Recovery Ser...	Vehicle Towing Unit 1902	001-0521-521.4620	65.00
	02/28/2022	Rogers Towing & Recovery Ser...	Vehicle Towing Unit 2001	001-0521-521.4620	75.00
			Vendor Rogers Towing & Recovery Service Inc Total:		140.00
Vendor: SHI International Corp					
	04/25/2022	SHI International Corp	Dell Charging Adapter	001-0513-513.5200	50.00
			Vendor SHI International Corp Total:		50.00
Vendor: Staples Inc					
	04/13/2022	Staples Inc	PC3076-PC-1 Base 4/13-5/12/...	001-0513-513.3400	68.72
	04/13/2022	Staples Inc	PC3076-PC-1 Overages 3/13-4...	001-0513-513.3400	0.03
	04/15/2022	Staples Inc	DX42108-01 Overages 3/16-4/...	001-0512-512.3400	102.54
	04/15/2022	Staples Inc	DX42108-01 Overages 3/16-4/...	001-0513-513.3400	30.48
	04/15/2022	Staples Inc	DX42108-01 Overages 3/16-4/...	001-0521-521.3400	103.78
	04/15/2022	Staples Inc	DX42108-01 Overages 3/16-4/...	001-0524-524.3400	210.02
	04/15/2022	Staples Inc	DX14827-06	401-0533-533.4700	11.36
			Vendor Staples Inc Total:		526.93
Vendor: The Brownwood Hotel and Spa, LLC					
	04/18/2022	The Brownwood Hotel and Spa...	Training Seminar - Hotel Regist...	001-0521-521.5500	433.35
			Vendor The Brownwood Hotel and Spa, LLC Total:		433.35

Expense Approval Register

Packet: APPKT07553 - 5.9.22 Warrant

(None)	Post Date	Vendor Name	Description (Item)	Account Number	Amount
Vendor: The Gaboton Group, LLC					
	04/29/2022	The Gaboton Group, LLC	Retainer - May 2022	001-0511-511.3100	2,000.00
Vendor The Gaboton Group, LLC Total:					2,000.00
Vendor: Trailco Group, Inc					
	04/25/2022	Trailco Group, Inc	604 E Moody Blvd Unit 5 - 05/...	001-0519-519.4400	840.00
Vendor Trailco Group, Inc Total:					840.00
Vendor: UniFirst Corporation					
	04/13/2022	UniFirst Corporation	Uniform Maintenance	404-0535-535.5220	12.97
	04/13/2022	UniFirst Corporation	Uniform Maintenance	001-0541-541.5220	27.70
	04/13/2022	UniFirst Corporation	Uniform Maintenance	001-0549-549.5220	11.18
	04/13/2022	UniFirst Corporation	Uniform Maintenance	001-0572-572.5200	16.09
	04/13/2022	UniFirst Corporation	Uniform Maintenance	001-0572-572.5220	22.30
	04/13/2022	UniFirst Corporation	Uniform Maintenance	401-0533-533.5220	12.85
	04/13/2022	UniFirst Corporation	Uniform Maintenance	402-0534-534.5220	17.15
	04/13/2022	UniFirst Corporation	Uniform Maintenance	404-0535-535.5220	10.57
	04/20/2022	UniFirst Corporation	Uniform Maintenance	404-0535-535.5220	54.27
	04/20/2022	UniFirst Corporation	Uniform Maintenance	001-0541-541.5220	27.70
	04/20/2022	UniFirst Corporation	Uniform Maintenance	001-0549-549.5220	11.18
	04/20/2022	UniFirst Corporation	Uniform Maintenance	001-0572-572.5200	16.09
	04/20/2022	UniFirst Corporation	Uniform Maintenance	001-0572-572.5220	22.30
	04/20/2022	UniFirst Corporation	Uniform Maintenance	401-0533-533.5220	12.85
	04/20/2022	UniFirst Corporation	Uniform Maintenance	402-0534-534.5220	17.15
	04/20/2022	UniFirst Corporation	Uniform Maintenance	404-0535-535.5220	10.57
Vendor UniFirst Corporation Total:					302.92
Vendor: USA Services of Florida Inc					
	04/16/2022	USA Services of Florida Inc	Mechanical Sweeping 4/14/22	001-0538-538.3400	700.00
Vendor USA Services of Florida Inc Total:					700.00
Vendor: USABLE Life					
	04/21/2022	USABLE Life	Group/Dependent/AD&D - Ma...	001-2184000	280.44
Vendor USABLE Life Total:					280.44
Vendor: Verizon Wireless					
	04/13/2022	Verizon Wireless	Cellular Service 3/14-4/13/22	001-0512-512.4100	145.99
	04/13/2022	Verizon Wireless	Cellular Service 3/14-4/13/22	001-0513-513.4100	36.07
	04/13/2022	Verizon Wireless	Cellular Service 3/14-4/13/22	001-0516-516.4100	40.35
	04/13/2022	Verizon Wireless	Cellular Service 3/14-4/13/22	001-0521-521.4100	585.86
	04/13/2022	Verizon Wireless	Cellular Service 3/14-4/13/22	001-0524-524.4100	80.87
	04/13/2022	Verizon Wireless	Cellular Service 3/14-4/13/22	001-0541-541.4100	79.83
	04/13/2022	Verizon Wireless	Cellular Service 3/14-4/13/22	001-0549-549.4100	152.84
	04/13/2022	Verizon Wireless	Cellular Service 3/14-4/13/22	001-0572-572.4100	155.36
	04/13/2022	Verizon Wireless	Cellular Service 3/14-4/13/22	401-0533-533.4100	264.04
	04/13/2022	Verizon Wireless	Cellular Service 3/14-4/13/22	402-0534-534.4100	193.19
	04/13/2022	Verizon Wireless	Cellular Service 3/14-4/13/22	404-0535-535.4100	313.83
Vendor Verizon Wireless Total:					2,048.23
Vendor: Volusia and Flagler Police Chiefs' Association					
	04/26/2022	Volusia and Flagler Police Chie...	2022 Active Member Dues	001-0521-521.5400	150.00
Vendor Volusia and Flagler Police Chiefs' Association Total:					150.00
Vendor: Vose Law Firm, LLP					
	04/29/2022	Vose Law Firm, LLP	April Legal Fees	001-0514-514.3102	3,750.00
	04/29/2022	Vose Law Firm, LLP	April Legal Fees	001-0524-524.3102	3,750.00
Vendor Vose Law Firm, LLP Total:					7,500.00
Vendor: WB Mason					
	04/19/2022	WB Mason	Cases of Bottled Water	001-0541-541.5200	48.49
	04/19/2022	WB Mason	Cases of Bottled Water	401-0533-533.5205	96.98
	04/19/2022	WB Mason	Cases of Bottled Water	404-0535-535.5200	96.98
Vendor WB Mason Total:					242.45

Expense Approval Register

Packet: APPKT07553 - 5.9.22 Warrant

(None)	Post Date	Vendor Name	Description (Item)	Account Number	Amount
Vendor: Zev Cohen & Associates, Inc.	04/13/2022	Zev Cohen & Associates, Inc.	Planning Services through 3/3...	001-0524-524.3100	12,854.90
			Vendor Zev Cohen & Associates, Inc. Total:		12,854.90
				Grand Total:	535,783.07

Fund Summary

Fund	Expense Amount
001 - GENERAL FUND	93,315.76
401 - WATER	14,242.72
402 - SOLID WASTE	8,471.99
404 - SEWER	419,752.60
Grand Total:	535,783.07

Account Summary

Account Number	Account Name	Expense Amount
001-0511-511.3100	Professional Services Exp...	2,000.00
001-0512-512.3400	Other Contracted Services	102.54
001-0512-512.4100	Communications Expense	145.99
001-0513-513.3400	Other Contract Services	99.23
001-0513-513.4100	Communications Expense	86.40
001-0513-513.4800	Advertising / Promo - Adm..	149.64
001-0513-513.5200	Operating Expenses	50.00
001-0514-514.3102	Legal Services	3,750.00
001-0516-516.4100	Communications Expense	40.35
001-0516-516.5230	Software	1,445.18
001-0519-519.4100	Communications Expense	84.98
001-0519-519.4300	Utilities	1,095.32
001-0519-519.4400	Rental/Lease	840.00
001-0521-521.3400	Other Contract Services	103.78
001-0521-521.4100	Communications Expense	651.28
001-0521-521.4620	Repair / Maint - Vehicles	166.10
001-0521-521.4700	Printing / Binding Expense	264.00
001-0521-521.5200	Operating Supplies	328.00
001-0521-521.5220	Uniforms Exp	115.02
001-0521-521.5400	Memberships, Publication...	360.00
001-0521-521.5500	Training	1,429.35
001-0524-524.3100	Professional Services Exp...	12,854.90
001-0524-524.3102	Legal Services	4,125.00
001-0524-524.3400	Other Contract Services	210.02
001-0524-524.3401	Bldg / Fire Inspection Exp -..	3,820.00
001-0524-524.4100	Communications Expense	80.87
001-0524-524.4800	Advertising / Promo Expe...	2,125.78
001-0538-538.3400	Other Contract Services	700.00
001-0538-538.6300	Improvements - Other Th...	6,030.43
001-0541-541.4100	Communications Expense	103.11
001-0541-541.4300	Utility - Public Services	909.80
001-0541-541.4620	Repair / Maint - Vehicles	396.00
001-0541-541.4640	Equipment Repair & Maint..	536.24
001-0541-541.5200	Operating Supplies	1,661.89
001-0541-541.5215	Fuel - Off Road Diesel	698.38
001-0541-541.5220	Uniforms Exp	55.40
001-0549-549.4100	Communications	152.84
001-0549-549.5200	Operating Supplies	19.99
001-0549-549.5210	Fuel	304.52
001-0549-549.5220	Uniforms	22.36
001-0549-549.5500	Training	69.99
001-0572-572.4100	Communications Expense	366.28
001-0572-572.4300	Utility - Public Services	1,459.00
001-0572-572.4600	Repair / Maint - Service	726.00
001-0572-572.4610	Repair / Maint - Bldgs	999.00
001-0572-572.4640	Repair/Maint - Equipment	282.43
001-0572-572.5200	Operating Supplies	2,374.95
001-0572-572.5220	Uniforms Exp	44.60
001-2184000	Med/Health Employee Lia...	35,119.54
001-2184500	Retiree Medical	1,985.93
001-2185000	125 Plans Employee Paybl ..	1,673.35

Account Summary

Account Number	Account Name	Expense Amount
001-2200000	Deposits Paybl - Park Ren...	100.00
401-0533-533.3401	Other Contract Services	137.37
401-0533-533.4100	Communications Expense	322.33
401-0533-533.4300	Utility - Public Services	169.45
401-0533-533.4400	Rental / Lease Expense	9,499.77
401-0533-533.4640	Repair / Maint - Equipme...	2,126.42
401-0533-533.4700	Printing / Binding Expense	11.36
401-0533-533.5205	Operating Supplies Exp - ...	1,950.32
401-0533-533.5220	Uniforms Exp	25.70
402-0534-534.3400	Other Contract Services - ...	8,244.50
402-0534-534.4100	Communications - Solid ...	193.19
402-0534-534.5220	Uniforms - Solid Waste	34.30
404-0535-535.3400	Other Contractual Services	2,765.00
404-0535-535.4100	Communications	372.03
404-0535-535.4300	Utilities	1,414.19
404-0535-535.4400	Rentals/Leases	5,906.80
404-0535-535.4640	Repairs & Maint. - Equip...	1,699.07
404-0535-535.5200	Operating Supplies	6,369.82
404-0535-535.5210	Fuel	266.67
404-0535-535.5220	Uniforms	88.38
404-0535-535.5265	Tools	133.67
404-0535-535.6300	Improvements Other Than..	421,828.40
404-2050000	Retainage Payable	-21,091.43
	Grand Total:	535,783.07

Project Account Summary

Project Account Key	Expense Amount
None	129,015.67
2022 REDI Grant	400,736.97
CDBG-Hymon Grant	2,500.00
WSD-804 Fifth Mat.	3,530.43
	Grand Total:
	535,783.07



City of Bunnell, Florida

ATTACHMENTS:

Description
Proposed Minutes

Type
Minutes

CATHERINE D. ROBINSON
MAYOR

JOHN ROGERS
VICE-MAYOR

DR. ALVIN B. JACKSON, JR
CITY MANAGER



COMMISSIONERS:

TONYA GORDON

BOB BARNES

TINA-MARIE SCHULTZ

BUNNELL CITY COMMISSION MINUTES

Monday, April 25, 2022

State of the City

7:00 PM

1769 East Moody Boulevard (GSB)

Chambers Room

Bunnell, FL 32110

A. Call Meeting to Order and Pledge Allegiance to the Flag

Mayor Robinson called the meeting to order at 7:00 PM and led the Pledge to the Flag.

Roll Call (Present): Mayor Catherine D. Robinson; Vice Mayor John Rogers; Commissioner Tonya Gordon; Commissioner Tina-Marie Schultz; Commissioner Bob Barnes; City Attorney John Cary; City Manager Alvin Jackson, Jr.; Finance Director Shanea Stankiewicz; Infrastructure Director Dustin Vost; City Clerk Kristen Bates

Invocation for our Military Troops and National Leaders

Mayor Robinson led the Invocation.

B. Introductions, Commendations, Proclamations, and Presentations:

B.1. Proclamation: Crime Victim Rights Week

Commissioner Barnes read the proclamation into the record. Emily Pitcole, Family Life Center, accepted the proclamation and spoke about the work being done in Flagler County.

B.2. Proclamation: National Public Safety Telecommunicators Week

Commissioner Schultz read the proclamation into the record. Christina Mortimer, Flagler County Sheriff Office accepted the proclamation.

B.3. Proclamation: National Therapy Animal Day

Commissioner Gordon read the proclamation into the record.

B.4. Proclamation: Playground Safety Week

Commissioner Gordon read the proclamation into the record.

B.5. Proclamation: Municipal Clerks' Week

Vice Mayor Rogers read the proclamation into the record. City Clerk Bates accepted the proclamation. Mayor Robinson, Vice Mayor Rogers and the Commissioners expressed their thanks for the work done in the City Clerk office and how the work done in that office supports them and the City.

B.6. Presentation: State of the City

Mayor Robinson gave the 2021 State of the City address. The overall theme for this address was “A little progress each day adds up to big results.” The City accomplished much in the last year and continues to build on each of the previous years. The Mayor discussed the City as a whole, talking about many of the trends and highlights that occurred in 2021. Mayor Robinson also discussed the individual department accomplishments and projects. Mayor Robinson provided her final thoughts on all the City did, achieved and overcame in 2021. She stated, “Strength doesn’t come from what you can do; it comes from overcoming the things you once thought you couldn’t do.” She praised all the work done by City staff to keep the City going without allowing a drop in service levels. The City continues to make progress. She hopes that all those in Bunnell develop an “attitude of gratitude.” Great things are coming to the City in 2022.

C. Consent Agenda:

C.1. Approval of Warrant

a. April 25, 2022, Warrant

C.2. Approval of Minutes

a. April 11, 2022, City Commission Workshop Minutes

C.3. Business Incentive Development Agreement for Scott Mulligan

C.4. Request Approval to enter into a Lease Agreement at 604 E. Moody Blvd Unit 5

Motion: Approve the Consent Agenda

Motion by: Vice Mayor Rogers

Second by: Commissioner Gordon

Board Discussion: None

Public Discussion: None

Vote: Motion carried unanimously

D. Public Comments:

Comments regarding items not on the agenda. Citizens are encouraged to speak; however, comments are limited to four (4) minutes.

Vince Fiscaletti (Grand Reserve)- stated he is a retired first responder from New York and he appreciates hearing the City state it’s support for all first responders. He hopes it continues. He stated according to Facebook there is information the City is having issues with the irrigation system in Grand Reserve and that the residents will soon have meters installed for the use of reclaim water; he would like clarification on these issues.

Daisy Henry (E. Drain St.)- thanked the City for providing the refreshments for State of the City. She advised the Police Department there was a car speeding on S. Anderson Street this morning but had no information on the car. She also informed the City that a speed limit sign was knocked down and is currently resting in her yard.

Mayor asked staff to address some of the comments made. City Manager Jackson advised there have been no discussions to install reclaim meters in Grand Reserve. Infrastructure Director Vost stated the Wastewater Treatment Plant filters have been offline. As a result, the City cannot produce reclaim quality water to send out for use. It is anticipated the plant will be able to produce reclaim quality water by the end of the week. It was advised that Florida is in its driest time of the year and that even once back online, the amount of reclaim produced may not meet the demand of the Grand Reserve residents and golf course.

E. Ordinances: (Legislative): None

F. Resolutions: (Legislative): None

G. Old Business: None

H. New Business: None

I. Reports:

- **City Clerk** – None
- **Police Chief** – thanked the Mayor and City Manager for traveling to Tallahassee to honor Sergeant Guida in the memorial this weekend. He provided information on upcoming law enforcement memorial events and the Palm Coast Kiwanis event where Interim Chief Snead will be recognized.
- **City Attorney** – None
- **City Manager** – thanked all City Staff for all they do for the City. He thanked Chief Brannon for the leadership he has brought to the department and the relationship he has cultivated with Sergeant Guida’s family. He recognized Infrastructure Vost for working at the treatment plant for the last 14 days to allow his operators the time to rest. He advised the Commission of three Emergency Purchase Orders that needed to be issued: \$9,543.00 for repairs to the flow equalization pump; \$5,538.00 for new filter media for the Wastewater Treatment Plant tertiary filters; \$9,000.00 for emergency welding services.
- **Mayor and City Commissioners**
 - **Commissioner Gordon-** thanked all City staff for the things they do for the City. She told Chief Brannon people are telling her about all the positive changes going on in the Police Department. She also commented she saw Sergeant Groth in the community, and he showed off the new truck; she can’t wait until she can do a ride along in the new vehicle.
 - **Commissioner Barnes** – expressed his thanks and appreciated to City Clerk Bates for the services provided by the City Clerk Office. He also addressed some of the issues going on with the Grand Reserve irrigation system and thanked Infrastructure Director Vost for the great job he and his crews continue to provide.
 - **Commissioner Schultz** – Told all City staff they are “rock stars.” She advised Infrastructure Director needs to take time to rest too. She asked the City explain acronyms when they are used as not everyone understands them when they are used. She met with the Interim Director of the River to Sea Transportation Planning Organization (TPO) and looks forward to serving on the Board. The Auditor Selection Committee meets tomorrow night.
 - **Vice Mayor Rogers** – agreed Bunnell staff are “rock stars.” He stated Chief Brannon and he went to a local high school to talk about their careers. It was a very good experience. He thanked all those who helped create the State of the City
 - **Mayor Robinson** – thanked the Commission for their assistance with the proclamations tonight. She expressed her appreciation to the City Manager for being in Tallahassee with her this weekend for the events honoring Sergeant Guida and thanked Chief Brannon for the amazing job he has been doing and for going above and beyond.

J. Call for Adjournment.

Motion: Adjourn

Motion by: Vice Mayor Rogers

Seconded by: Commissioner Barnes

Vote: Motion carried unanimously

Catherine D. Robinson, Mayor

Kristen Bates, CMC, City Clerk

Date

Date

*****The City adopts summary minutes. Audio files in official City records are retained according to the Florida Department of State GS1-SL records retention schedule*****



City of Bunnell, Florida

Agenda Item No. C.3.

Document Date: 4/20/2022 Amount: \$83,000
Department: City Manager Account #:
Subject: Confirmation of the hiring of Marcus DePasquale as the City Engineer.
Agenda Section: Consent Agenda:
Goal/Priority: Increase Economic Base, Organizational Excellence, Infrastructure

ATTACHMENTS:

Description	Type
Marcus C. DePasquale, P.E. Resume	Exhibit

Summary/Highlights:

With the significant increase in development activity and capital improvement projects it is now necessary that the City is requiring full-time key engineering functions, such as development review, construction management including infrastructure and utilities engineering, transportation engineering. Bringing this function back in house will reduce the cost for contracted services for the day to day engineering services. The City will still need to utilize engineering consultants as needed for specific and specialized engineering need.

City of Bunnell Charter Sec. 4.04(B) City Managers appointment of Department Heads are subject to review and approval of the City Commission.

Background:

The City Manager interviewed and has appointed Marcus C. Pasquale, P.E. as the new City Engineer.

Mr. DePasquale is a registered Florida Professional Engineer / Project Manager with over 18 years extensive civil engineering expertise encompassing the areas of management, municipal engineering, water and wastewater utilities, permitting, stormwater management, drainage analysis, commercial and residential land development, horizontal and vertical geometry, water and waste water conveyance, lift station site design, bid document preparation and a broad range of land development projects for the municipal and private sectors. He also has considerable expertise in physician practice administration, general management, and healthcare technology infrastructure. Graduate of University of Florida.

Mr. DePasquale will manage, supervise, and assist subordinate staff in the planning, design, construction and maintenance of street, sidewalks, water and sewage systems, drainage structures, transportation facilities and other public works. Prepare and oversee the preparation of engineering designs, specifications, and cost estimates for a wide variety of capital improvement projects. Sign plans for public works improvements. Stamp plans for work designed in-house. Meet and confer with developers, contractors, engineers and the public relative to the city policies, regulations, and procedures, coordinate discrepancies and problem situations with outside parties.

Staff Recommendation:

Approval of City Manager's appointment Marcus C. DePasquale P.E. as the City Engineer.

City Attorney Review:

Council discretion.

Finance Department Review/Recommendation:

City Manager Review/Recommendation:

Approved.

Summary Statement

Mr. DePasquale is a registered Florida Professional Engineer / Project Manager with over 18 years extensive civil engineering expertise encompassing the areas of management, municipal engineering, water and wastewater utilities, permitting, stormwater management, drainage analysis, commercial and residential land development, horizontal and vertical geometry, water and waste water conveyance, lift station site design, bid document preparation and a broad range of land development projects for the municipal and private sectors. He also has considerable expertise in physician practice administration, general management, and healthcare technology infrastructure. His attributes include: entrepreneurship, operations management, proven decision making, leadership and supervisory abilities, effective technical and non-technical oral and written communication, excellent customer service and comprehensive technical and computer skills.

Engineering Software Skills

Microsoft Word, Excel, Outlook and Power Point, all Windows platforms, network infrastructure and design, IT support, stormwater management software, AutoCAD Civil 3D, Micro Station and QuickBooks.

Education, Licensure and Professional Development

- Bachelor of Science in Environmental Engineering, University of Florida, December 1993
- Professional Engineer Certification, Florida, September 2003 #60455 (Currently Active)
- Professional Engineer Certification, Pennsylvania, March 1999 PE053529E (Expired 09/2011)
- CompTIA A+ Certification, Florida, January 2016 COMP001020943342

Professional Experience

Project Manager, Alliant Engineering, Inc., Jacksonville, FL

08/2017 to Present

- Project management, design, and construction of municipal and private infrastructure projects. City Engineer for the City of Bunnell. He has been the project manager for numerous development projects including municipal, residential, commercial, hotel and office/warehouse land uses. These projects also required the preparation of preliminary cost analysis, scheduling, all phases of project design, preparations of plans, bid document preparation, submittal for the municipal approval process, and construction administration over the course of the project.
 - Citywide Civil Engineering Services for the City of Bunnell – Bunnell, FL - Project Manager and City Engineer. Worked with the City to obtain over \$2.5 million of grant funding to develop their reclaim watermain infrastructure, alleviate stormwater flooding in low lying areas and cast in place pipe (CIPP) lining of their gravity sewer infrastructure. Provided excellent customer service to the City's staff during the planning, grant applications, design, scheduling and construction administration of these projects. Performed City plan reviews, updated City Standard Details and was point of contact for day-to-day operations.
 - Cast in Place Pipe and Grant Applications for the City of Flagler Beach – Flagler Beach,
 - Gran Park Properties, LLC - 60,000 SF Office Warehouse – Jacksonville, FL
 - Gran Park Properties, LLC - 42,000 SF Office Warehouse – Jacksonville,

- Caroline's Court - 32 Lot Townhome Community – Jacksonville,
- Mariners Village - 80 Unit Apartment Complex – Jacksonville, FL
- Tru Hilton - 82 Room/4 Story Hotel – Jacksonville, FL
- Saddlebrook Apartments - 210 Unit Apartment Complex – Jacksonville, FL
- Holiday Inn Express - 97 Room/4 Story Hotel – Fernandina Beach, FL
- Additional Relevant Project Experience:
 - Grand Reserve Reclaim Watermain Extension – Bunnell, FL
 - Southside Sewer Improvements – Bunnell, FL
 - Bunnell West Side Sewer Improvements Phase 1 – City of Bunnell, FL
 - Bunnell West Side Storm Water Improvements Phase 2 – City of Bunnell, FL
 - Sanitary Sewer Rehabilitation Project – Flagler Beach, FL
 - SR 100 Reclaimed Water Main Extension – Bunnell, FL
 - Selva Marina Drive Force Main Extension – City of Atlantic Beach, FL
 - Mayport Road Water Main Extension – City of Atlantic Beach, FL
 - More Than Ink - 3 Building 15,000 SF Office Complex – Jacksonville, FL
 - Edwards Street Industrial - 12,000 SF Office Warehouse – Jacksonville, FL
 - Crowley Lift Station - Jacksonville Port Authority – Jacksonville, FL
 - For more details, please see full resume

**Physician Practice Administration & General Management, COO, Co-Owner, 08/2003 to 08/2017
St. Augustine Ear, Nose & Throat, LLC, St. Augustine, FL**

- Fourteen years of experience owning, managing and administrating all day-to-day operations of a thriving medical practice consisting of up to 15 employees and 2 locations. Possess effective interpersonal skills, customer service and attention to detail. (for details see full resume)

Project Manager, Gannett Fleming Inc., Jacksonville, FL 08/2003 to 06/2007

- Project Manager responsible for various municipal & private sector projects. (for details see full resume)

Project Manager, Gannett Fleming Inc., Valley Forge, PA 10/1999 to 08/2003

- Numerous Project Manager projects specific to Valley Forge office. (for details see full resume)

Project Engineer, Chester Valley Engineers, Inc., Paoli, PA 07/1997 to 10/1999

- Commercial/office buildings, residential subdivisions and water main extensions. (for details see full resume)

Design Engineer, Day and Zimmermann International, Philadelphia, PA 06/1996 to 07/1997

- Industrial Facility Upgrade for *Hershey Chocolate Corporation* and Environmental Remediation for *DuPont Environmental Remediation Services*. (for details see full resume)

Design Engineer, Carr Smith Associates, Inc., Miami, FL 12/1993 to 06/1996

- Dade Correctional Institution/North Unit, Sylvania Heights Elementary School Expansion, University of Miami Infrastructure Study, Water Main and Sewer Main Design, Fort Lauderdale/Hollywood International Airport,

END of RESUME



City of Bunnell, Florida

Agenda Item No. E.1.

Document Date: 12/13/2021 Amount:
Department: Community Development Account #:
Subject: Ordinance 2021-40 Requesting to change the Future Land Use Map in the Comprehensive Plan for 11.9± acres of land, owned by Christopher Barney, Bearing the Parcel ID: 22-12-30-0650-000D0-0061 from Flagler County "Agriculture & Timberlands" to City of Bunnell "Agriculture" - Second Reading
Agenda Section: Ordinances: (Legislative): None

ATTACHMENTS:

Description	Type
Barney Proposed FLUM Ordinance	Ordinance
Barney Location Map	Location Map(s)

Summary/Highlights:

The applicant is requesting a small scale amendment to the City of Bunnell Comprehensive Plan to change the Future Land Use Map (FLUM) designation on a 11.9 ± acre property from Flagler County, "Agriculture and Timberland" to City of Bunnell, "Agricultural".

This property is located in unincorporated Flagler County, The applicant has submitted a petition for voluntary annexation. The annexation will go before the City Commission at the same time as this FLUM amendment and a companion rezoning request to amend the official zoning map to change the zoning from Flagler County, "AC- Agriculture" to City of Bunnell, "AG- Agricultural".

The Planning, Zoning and Appeals Board heard this request at their November 2, 2021 Meeting. At this meeting, the PZA Board voted to recommend approval of the proposed ordinance.

This item was heard at the December 13, 2021 City Commission meeting. At this meeting, the City Commission voted to approve the proposed ordinance. Second Reading of this item was delayed for the City's EAR (Ordinance 2022-01) to be adopted. This item was advertised in the April 28, 2022 edition of the Palm Coast Observer.

Background:

The applicant, Christopher Barney, owns an 11.9± acre property identified as Parcel ID: 22-12-30-0650-000D0-0061 located on the east side of Old Haw Creek Road about 1.1 miles south of W. Moody BLVD. The property is in unincorporated Flagler County. The applicant is requesting this FLUM

amendment to allow him to subdivide the property into 2-acre parcels.

The parcel's current FLUM designation is Flagler County, "Agriculture and Timberland". The Flagler County "Agriculture and Timberlands" land use designation was created to protect agricultural and related uses while also allowing low density residential density either at one (1) dwelling unit per five (5) acres or one (1) dwelling unit per 20 acres depending on the location and the type of development. This property would be allowed to be developed at one (1) dwelling unit per five (5) acres.

The proposed FLUM designation is "Agricultural". The "Agricultural" land use designation was created to allow a range of agricultural and related uses, and while also allowing low density residential development at a maximum density of one (1) dwelling unit per acre. The applicant's intended use is consistent with the rural character of the area.

If developed at the maximum allowable density in the future, the proposed FLUM designation will result in a increase of 9 additional dwelling units on the property compared to the current FLUM designation. There is adequate capacity in the existing public facilities and services to accommodate this proposed amendment.

Staff Recommendation:

Adopt Ordinance 2021-40 Requesting to change the Future Land Use Map in the Comprehensive Plan for 11.9± acres of land, owned by Christopher Barney, Bearing the Parcel ID: 22-12-30-0650-000D0-0061 from Flagler County "Agriculture & Timberlands" to City of Bunnell "Agriculture"
- Second Reading

City Attorney Review:

Approved as to form and legality.

Finance Department Review/Recommendation:

City Manager Review/Recommendation:

Approved.

ORDINANCE 2021-40

AN ORDINANCE OF THE CITY OF BUNNELL, FLORIDA AMENDING THE CITY OF BUNNELL COMPREHENSIVE PLAN, AS PREVIOUSLY AMENDED; PROVIDING FOR AMENDMENT TO THE FUTURE LAND USE MAP IN THE FUTURE LAND USE ELEMENT OF THE CITY OF BUNNELL COMPREHENSIVE PLAN RELATIVE TO CERTAIN REAL PROPERTY CONTAINING 11.9± ACRES, OWNED BY CHRISTOPHER BARNEY, BEARING PARCEL ID: 22-12-30-0650-000D0-0061, LOCATED ON THE EAST SIDE OF OLD HAW CREEK ROAD APPROXIMATELY 1.1 MILES SOUTH OF WEST MOODY BOULEVARD WITHIN THE BUNNELL CITY LIMITS FROM FLAGLER COUNTY “AGRICULTURE & TIMBERLANDS” TO CITY OF BUNNELL “AGRICULTURAL”; PROVIDING FOR LEGISLATIVE FINDINGS AND INTENT; PROVIDING FOR ASSIGNMENT OF THE LAND USE DESIGNATION FOR THE PROPERTY; PROVIDING FOR SEVERABILITY; PROVIDING FOR RATIFICATION OF PRIOR ACTS OF THE CITY; PROVIDING FOR CONFLICTS; PROVIDING FOR CODIFICATION AND DIRECTIONS TO THE CODE CODIFIER AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the real property which is the subject of this Ordinance is described by Tax Identification Parcel Number 22-12-30-0650-000D0-0061, located in the City of Bunnell; and

WHEREAS, the owner of the property, Christopher Barney, has requested this change to the future land use; and

WHEREAS, the City of Bunnell has not had any small-scale land use amendments since November 22, 2021 and has not submitted any small-scale land use amendments to the Department of Economic Opportunity since December 7, 2018; and

WHEREAS, the City of Bunnell’s Planning, Zoning and Appeals Board, as the City’s local planning agency, held a public hearing on November 2, 2021 to consider amending the Future Land Use Map of the Future Land Use Element of the *City of Bunnell Comprehensive Plan* and recommended approval of the proposed Future Land Use Map amendment to the *Comprehensive Plan* for the subject property as requested by the property owner; and

WHEREAS, Section 163.3187, *Florida Statutes*, relates to the amendment of adopted local government comprehensive plans and sets forth certain requirements relating to small scale amendments, and which are related to proposed small-scale development activities and provides, among other things, that such amendments may be approved without regard to statutory limits on the frequency of consideration of amendments to the *City of Bunnell Comprehensive Plan*; and

WHEREAS, the City of Bunnell has complied with all requirements and procedures of Florida law in processing this amendment to the *City of Bunnell Comprehensive Plan* including, but not limited to, Section 163.3187, *Florida Statutes*.

NOW, THEREFORE, BE IT ENACTED BY THE CITY COMMISSION OF THE CITY OF BUNNELL, FLORIDA:

Section 1. Legislative findings and intent.

(a) The City Commission of the City of Bunnell hereby adopts and incorporates into this Ordinance the City staff report and City Commission agenda memorandum relating to the application relating to the proposed amendment to the *City of Bunnell 2030 Comprehensive Plan* pertaining to the subject property.

(b) The City of Bunnell has complied with all requirements and procedures of Florida law in processing and advertising this Ordinance.

(c) This Ordinance is internally consistent with the goals, objectives and policies of the *City of Bunnell 2030 Comprehensive Plan*.

(d) The exhibits to this Ordinance are incorporated herein as if fully set forth herein verbatim.

Section 2. Amendment to Future Land Use Map.

(a) The Future Land Use Plan Element of the *City of Bunnell 2030 Comprehensive Plan* and the City's Future Land Use Map are hereby amended by assigning the "Agricultural" land use designation to the real property which is the subject of this Ordinance as set forth herein.

(b) The property which is the subject of this Comprehensive Plan amendment is described as follows:

LEGAL DESCRIPTION: 11.986 AC BUNNELL DEV CO SUB BLK D PART OF TRS 6 & 7 831' ON OLD HAW CREEK ROAD BY 628.27' DEEP OR 322 PG 617 OR 2526/799- DIRK CODY PR

ADDRESS: N/A

TAX PARCEL IDENTIFICATION NUMBER: 22-12-30-0650-000D0-0061

Section 3. Implementing Administrative Actions.

The City Manager, or designee, is hereby authorized to implement the provisions of this Ordinance as deemed appropriate and warranted.

Section 4. Ratification of Prior Actions.

The prior actions of the City Commission and its agencies in enacting and causing amendments to the *2030 Comprehensive Plan of the City of Bunnell*, as well as the

implementation thereof, are hereby ratified and affirmed.

Section 5. Severability.

If any section, sentence, phrase, word, or portion of this Ordinance proves to be invalid, unlawful or unconstitutional, it shall not be held to impair the validity of the ordinance or effect of any other action or part of this Ordinance.

Section 6. Conflicts.

All ordinances or parts of ordinances in conflict herewith are hereby repealed.

Section 7. Codification/Instructions to Code Codifier.

It is the intention of the City Commission of the City of Bunnell, Florida, and it is hereby ordained that the provisions of this Ordinance shall become and be made a part of the codified version of the City of Bunnell *2030 Comprehensive Plan* and/or the *Code of Ordinances of the City of Bunnell*, Florida in terms of amending the Future Land Use Map of the City.

Section 8. Effective Date.

The small-scale Comprehensive Plan amendment set forth herein shall not become effective, in accordance with Section 163.3187(5)(c), *Florida Statutes*, until 31 days after the enactment of this Ordinance. If challenged within 30 days after enactment, the small-scale amendment set forth in this Ordinance shall not become effective until the State land planning agency or the Administration Commission, respectively, issues a final order determining that the subject small-scale amendment is in compliance with controlling State law.

First Reading: approved on this 13th day of December 2021.

Second Reading: adopted on this 9th day of May 2022.

CITY COMMISSION, City of Bunnell, Florida.

By: _____
Catherine D. Robinson, Mayor

Approved for form and content by:

Vose Law Firm, City Attorney

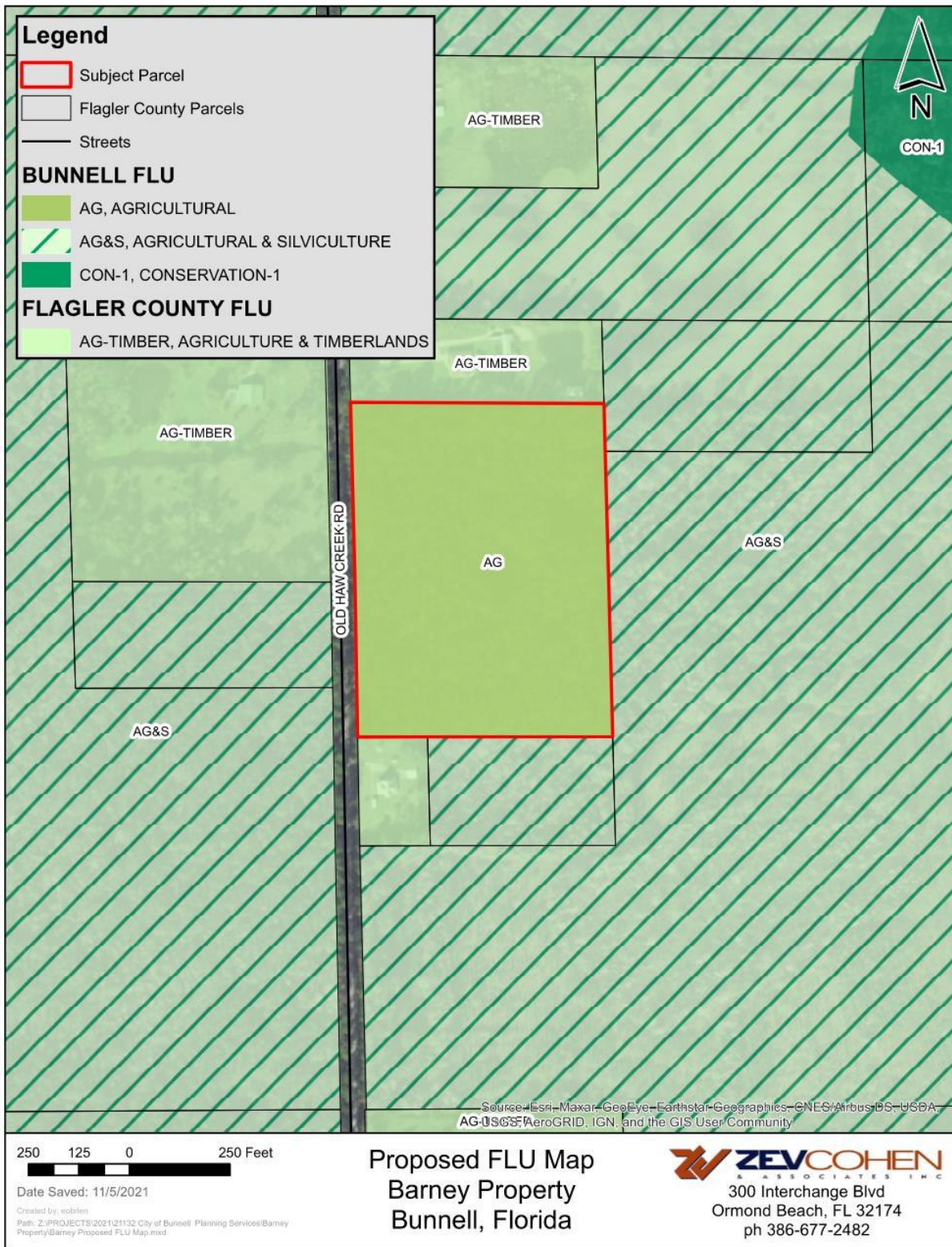
Attest:

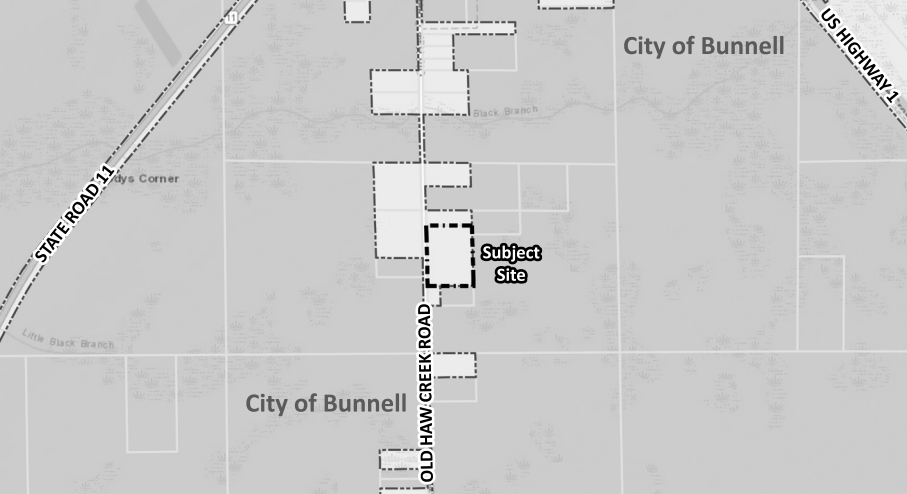
Kristen Bates, City Clerk, CMC

Seal:

EXHIBIT A

Proposed Future Land Use Amendment





STATE ROAD 11

US HIGHWAY 1

City of Bunnell

Days Corner

Black Branch

Subject Site

OLD HAW CREEK ROAD

City of Bunnell

Little Black Branch



City of Bunnell, Florida

Agenda Item No. E.2.

Document Date: 12/13/2021 Amount:
Department: Community Development Account #:
Subject: Ordinance 2021-41 Requesting to change the official zoning map for 11.9± acres of land, owned by Christopher Barney, Bearing the Parcel ID: 22-12-30-0650-000D0-0061 from Flagler County, "AC- Agriculture" to City of Bunnell, "AG- Agricultural District". - Second Reading
Agenda Section: Ordinances: (Legislative): None

ATTACHMENTS:

Description	Type
Barney Proposed Rezoning Ordinance	Ordinance
Barney Location	Location Map(s)

Summary/Highlights:

The applicant is requesting an amendment to the official zoning map to change the zoning on a 11.9± acre property from Flagler County, "AC- Agriculture" to City of Bunnell, "AG- Agriculture".

This property is located in unincorporated Flagler County, The applicant has submitted a petition for voluntary annexation. The annexation will go before the City Commission at the same time as this rezoning and a companion FLUM request to amend the future land use map to change the zoning from Flagler County, "Agriculture and Timberland" to City of Bunnell, "Agriculture".

The Planning, Zoning and Appeals Board heard this request at their November 2, 2021 Meeting. At this meeting, the PZA Board voted to recommend approval of the proposed ordinance.

This item was heard at the December 13, 2021 City Commission meeting. At this meeting, the City Commission voted to approve the proposed ordinance. Second Reading of this item was delayed for the City's EAR (Ordinance 2022-01) to be adopted. This item was advertised in the April 28, 2022 edition of the Palm Coast Observer.

Background:

The applicant, Christopher Barney, owns an 11.9± acre property identified as Parcel ID: 22-12-30-0650-000D0-0061 located on the east side of Old Haw Creek Road about 1.1 miles south of W. Moody BLVD. The property is in unincorporated Flagler County. The applicant is requesting this rezoning amendment to allow him to subdivide the property into 2-acre parcels.

The property is currently zoned Flagler County "AC-Agriculture". The Flagler County "AC Agriculture" has a minimum lot size of five (5) acres. The proposed zoning classification is City of Bunnell "Ag-Agriculture". The intent of the "Ag- Agricultural" district is to "preserve and enhance an agricultural lifestyle while facilitating orderly and sustainable development." The minimum lot size in the "Ag-Agricultural" district is one (1) acre.

The proposed "Ag-Agriculture" zoning is consistent with the existing pattern of surrounding development.

Staff Recommendation:

Adopt Ordinance 2021-41 Requesting to change the official zoning map for 11.9± acres of land, owned by Christopher Barney, Bearing the Parcel ID: 22-12-30-0650-000D0-0061 from Flagler County, "AC- Agriculture" to City of Bunnell, "AG- Agricultural District". - Second Reading

City Attorney Review:

Approved as to form and legality.

Finance Department Review/Recommendation:

City Manager Review/Recommendation:

Approved.

ORDINANCE 2021-41

AN ORDINANCE OF THE CITY OF BUNNELL, FLORIDA PROVIDING FOR THE REZONING OF REAL PROPERTY TOTALING 11.9± ACRES, OWNED BY CHRISTOPHER BARNEY, BEARING PARCEL ID: 22-12-30-0650-000D0-0061 LOCATED ON THE EAST SIDE OF OLD HAW CREEK ROAD APPROXIMATELY 1.1 MILES SOUTH OF WEST MOODY BOULEVARD WITHIN THE BUNNELL CITY LIMITS FROM FLAGLER COUNTY “AC - AGRICULTURE” DISTRICT TO THE CITY OF BUNNELL “AG, AGRICULTURAL” DISTRICT; PROVIDING FOR THE TAKING OF IMPLEMENTING ADMINISTRATIVE ACTIONS; PROVIDING FOR THE ADOPTION OF MAPS BY REFERENCE; REPEALING ALL CONFLICTING ORDINANCES; PROVIDING FOR SEVERABILITY; PROVIDING FOR NON-CODIFICATION AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Christopher Barney, the owner of certain real property, which land totals 11.9± acres in size located at located on the east side of Old Haw Creek Road approximately 1.1 miles south of West Moody Boulevard and is assigned Tax Parcel Identification Number 22-12-30-0650-000D0-0061 by the Property Appraiser of Flagler County; and

WHEREAS, Flagler County Board of County Commissioners has applied to the City of Bunnell pursuant to the controlling provisions of State law and the *Code of Ordinances of the City of Bunnell*, to have the subject property rezoned to the City of Bunnell “AG, Agricultural” district zoning classification from the existing Flagler County “MH-1, Rural Mobile Home district zoning classification; and

WHEREAS, the City’s Community Department has conducted a thorough review and analysis of the demands upon public facilities and general planning and land development issues should the subject rezoning application be approved and has otherwise reviewed and evaluated the application to determine whether is comports with sound and generally accepted land use planning practices and principles as well as whether the application is consistent with the goals, objectives and policies set forth in the City’s *Comprehensive Plan*; and

WHEREAS, on November 2, 2021 the Planning, Zoning and Appeals Board of the City of Bunnell reviewed this request and recommended approval of the proposed ordinance to the City Commission; and

WHEREAS, professional City planning staff, the City’s Planning, Zoning and Appeals Board and the City Commission have determined that the proposed rezoning of the subject property as set forth in this Ordinance is consistent with the *Comprehensive Plan of the City of Bunnell*, the land development regulations of the City of Bunnell, and the controlling provisions of State law; and

WHEREAS, the City Commission of the City of Bunnell, Florida has taken, as implemented by City staff, all actions relating to the rezoning action set forth herein in accordance with the requirements and procedures mandated by State law.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF BUNNELL, FLORIDA:

Section 1. Legislative Findings and Intent.

- (a) The City Commission of the City of Bunnell hereby adopts and incorporates into this Ordinance the City staff report and City Commission agenda memorandum relating to the application relating to the proposed rezoning of the subject property as well as the recitals (whereas clauses) to this Ordinance.
- (b) The subject property, which is 11.9± acres in size, is located on the east side of Old Haw Creek Road approximately 1.1 miles south of West Moody Boulevard in the City of Bunnell.
- (c) The City of Bunnell has complied with all requirements and procedures of Florida law in processing and advertising this Ordinance.

Section 2. Rezoning of Real Property/Implementing Actions.

Upon enactment of this Ordinance the following described property, as depicted in the map attached to this Ordinance, and totaling 11.9± acres in size, shall be rezoned to the City of Bunnell “AG, Agricultural district zoning classification from the existing “Flagler County “AC - Agriculture” district zoning classification;

LEGAL DESCRIPTION: 11.986 AC BUNNELL DEV CO SUB BLK D PART OF TRS 6 & 7 831' ON OLD HAW CREEK ROAD BY 628.27' DEEP OR 322 PG 617 OR 2526/799- DIRK CODY PR

ADDRESS: N/A

TAX PARCEL IDENTIFICATION NUMBER: 22-12-30-0650-000D0-0061

- (b) The City Manager, or designee, is hereby authorized to execute any and all documents necessary to formalize approval of the rezoning action taken herein and to revise and amend the Official Zoning Map or Maps of the City of Bunnell as may be appropriate to accomplish the action taken in this Ordinance.
- (c) Conditions of development relating to the subject property may be incorporated into the subsequent pertinent development orders and such development orders may be subject to public hearing requirements in accordance with the provisions of controlling law.

Section 3. Incorporation of Maps.

The maps attached to this Ordinance are hereby ratified and affirmed and incorporated into this Ordinance as a substantive part of this Ordinance.

Section 4. Conflicts.

All ordinances or part of ordinances in conflict with this Ordinance are hereby repealed

Section 5. Severability.

If any section, sentence, phrase, word, or portion of this Ordinance is determined to be invalid, unlawful or unconstitutional, said determination shall not be held to invalidate or impair the validity, force or effect of any other section, sentence, phrase, word, or portion of this Ordinance not otherwise determined to be invalid, unlawful, or unconstitutional.

Section 6. Non-codification.

This Ordinance shall be not be codified in the *City Code of the City of Bunnell* or the *Land Development Code of the City of Bunnell*; provided, however, that the actions taken herein shall be depicted on the zoning maps of the City of Bunnell by the City Manager, or designee.

Section 7. Effective Date

This Ordinance shall take effect upon the effective date of Ordinance 2021-40.

First Reading: on this 13th day of December 2021.

Second/Final Reading: adopted on this 9th day of May 2022.

CITY COMMISSION, City of Bunnell, Florida.

By: _____
Catherine D. Robinson, Mayor

Approved for form and content by:

Vose Law Firm, City Attorney

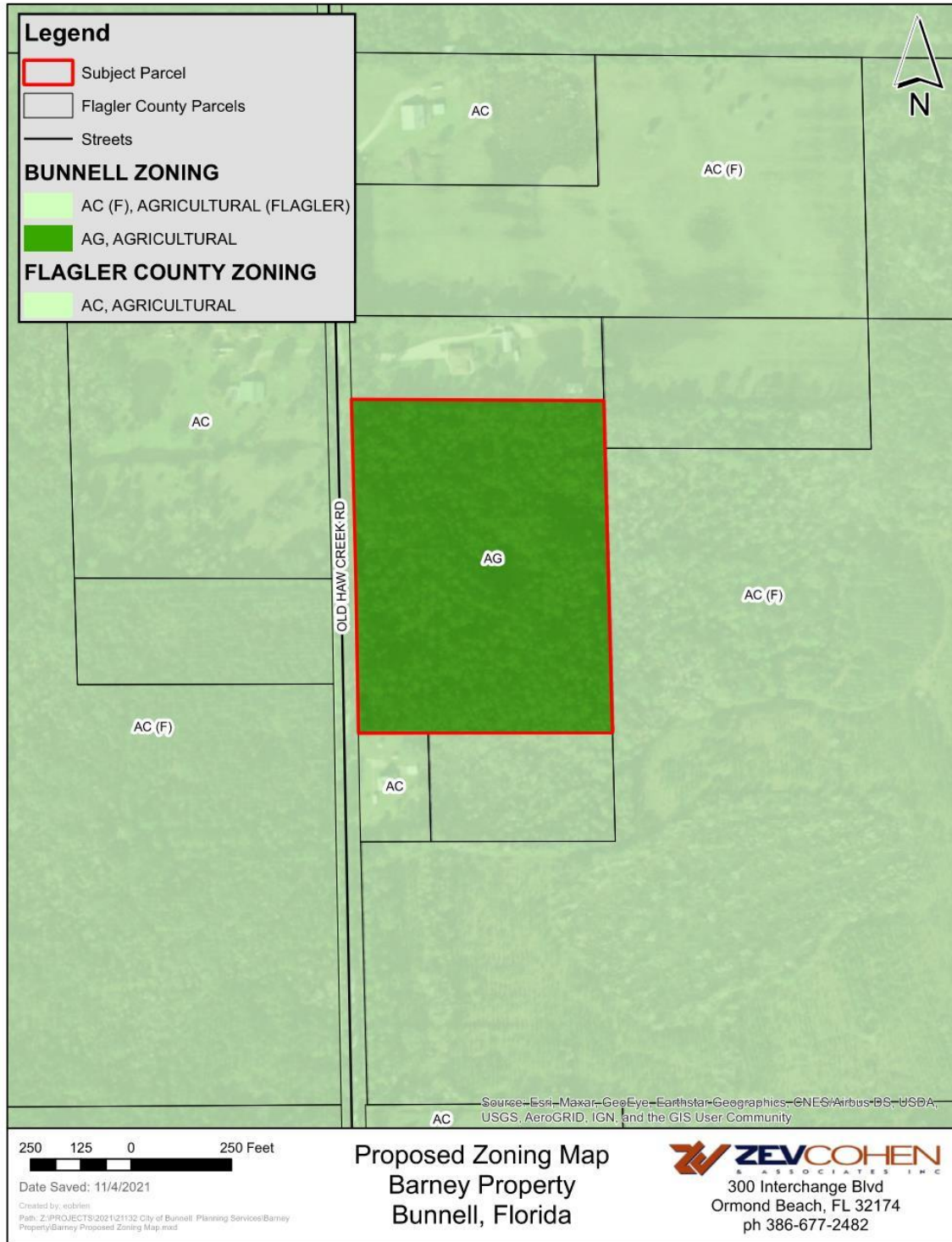
Attest:

Kristen Bates, CMC, City Clerk

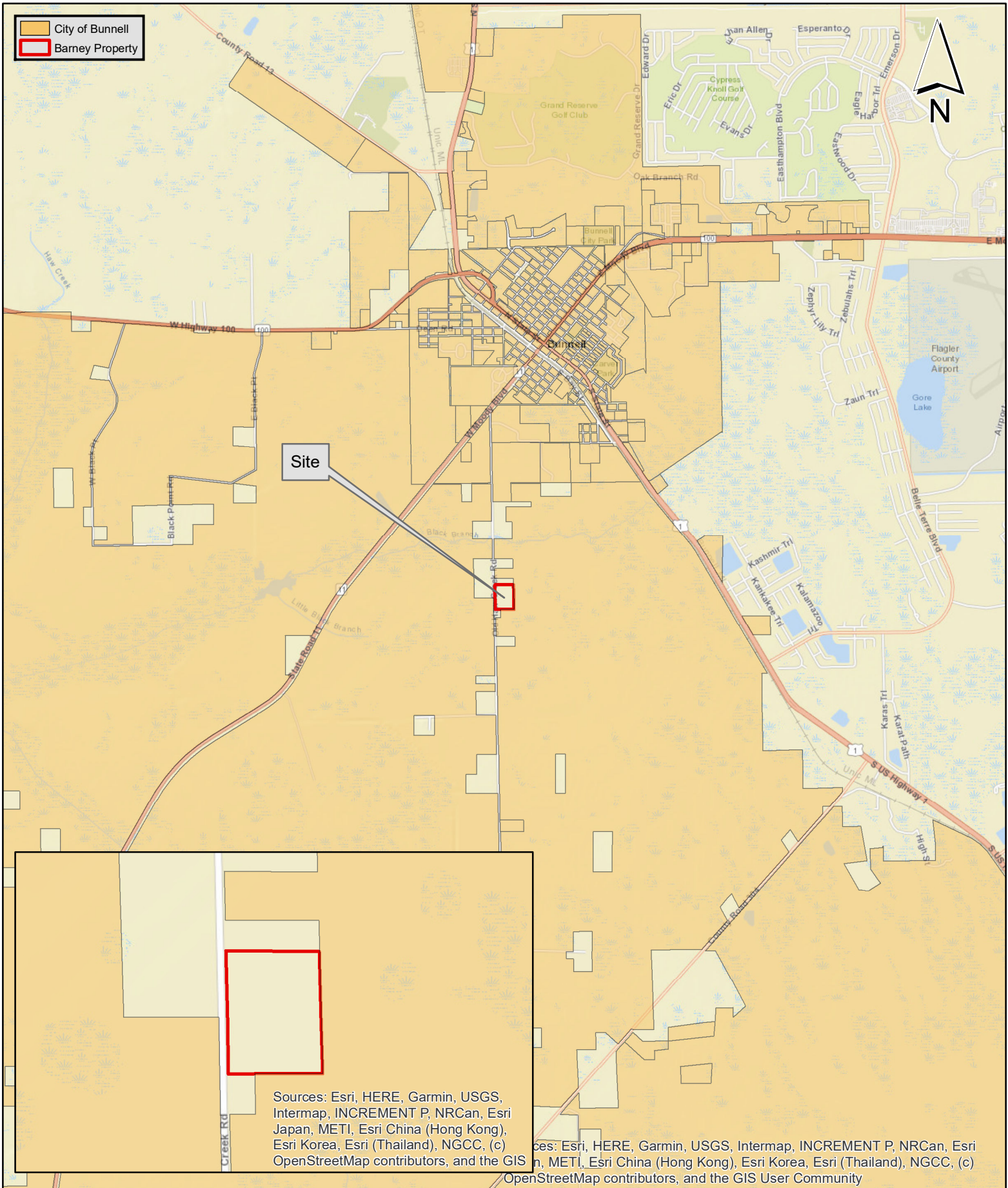
Seal:

Exhibit "A"

Proposed Rezoning Map



- City of Bunnell
- Barney Property



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Info:

Date Saved: 10/12/2021 created by: djurant
 Path: Z:\PROJECTS\2021\21132 City of Bunnell Planning Services\Barney Property\Barney Location Map.mxd

3,750 1,875 0 3,750 Feet

Location Map Barney Property Bunnell, Florida

ZEVCOHEN
 & ASSOCIATES INC
 300 Interchange Blvd
 Ormond Beach, FL 32174
 ph 386-677-2482



City of Bunnell, Florida

Agenda Item No. E.3.

Document Date: 12/13/2021 Amount:
Department: Community Development Account #:
Subject: Ordinance 2021-42 Requesting to change the Future Land Use Map in the Comprehensive Plan for 1.10± acres of land, owned by Ryan Liebert, Bearing the Parcel ID: 21-13-31-0650-000A0-0920 from Flagler County, Residential Low Density/Rural Estate to City of Bunnell, Agriculture - Second Reading
Agenda Section: Ordinances: (Legislative): None
Goal/Priority: Increase Economic Base

ATTACHMENTS:

Description	Type
Liebert Proposed FLUM Ordinance	Ordinance
Liebert Location Map	Location Map(s)

Summary/Highlights:

The applicant is requesting a small scale amendment to the City of Bunnell Comprehensive Plan to change the Future Land Use Map (FLUM) designation on a 1.1± acre property from Flagler County, Residential - Low Density/Rural Estate to City of Bunnell, "Agriculture".

There is a companion rezoning request to amend the official zoning map to change the zoning from the Flagler County, "MH-1 Rural Mobile Home" district to the City of Bunnell, "AG- Agriculture" district.

The Planning, Zoning and Appeals Board heard this request at their November 2, 2021 Meeting. At this meeting, the PZA Board voted to recommend approval of the proposed ordinance.

This item was heard at the December 13, 2021 City Commission meeting. At this meeting, the City Commission voted to approve the proposed ordinance.

Background:

The applicant, Ryan Liebert, owns a 1.1± acre property located approximately 145' south of E. Favoretta Road along a private easement. The applicant plans to place a mobile home on the property.

The parcel's current FLUM designation is Flagler County "Residential - Low Density/Rural Estate". The Flagler County " Residential - Low Density/Rural Estate" allows low density residential density at up to one (1) dwelling unit per acre.

The proposed FLUM designation is City of Bunnell "Agriculture". The "Agriculture" land use designation was created to allow a range of agricultural and related uses, while also allowing low density residential development at a maximum density of one (1) dwelling unit per acre.

If developed at the maximum allowable density, the proposed FLUM designation will not result in any increased dwelling units on the property compared to the current FLUM designation. The applicant's intended use is consistent with the rural character of the area.

Staff Recommendation:

Adopt Ordinance 2021-42 Requesting to change the Future Land Use Map in the Comprehensive Plan for 1.10± acres of land, owned by Ryan Liebert, Bearing the Parcel ID: 21-13-31-0650-000A0-0920 from Flagler County, Residential Low Density/Rural Estate to City of Bunnell, Agriculture - Second Reading

City Attorney Review:

Approved as to form and legality.

Finance Department Review/Recommendation:

City Manager Review/Recommendation:

Approved.

ORDINANCE 2021-42

AN ORDINANCE OF THE CITY OF BUNNELL, FLORIDA AMENDING THE CITY OF BUNNELL COMPREHENSIVE PLAN, AS PREVIOUSLY AMENDED; PROVIDING FOR AMENDMENT TO THE FUTURE LAND USE MAP IN THE FUTURE LAND USE ELEMENT OF THE CITY OF BUNNELL COMPREHENSIVE PLAN RELATIVE TO CERTAIN REAL PROPERTY CONTAINING 1.10± ACRES, OWNED BY RYAN LIEBERT, BEARING PARCEL ID: 21-13-31-0650-000A0-0920 LOCATED APPROXIMATELY 145' SOUTH OF EAST FAVORETTA ROAD ALONG A PRIVATE EASEMENT WITHIN THE BUNNELL CITY LIMITS FROM FLAGLER COUNTY "RESIDENTIAL: LOW DENSITY/RURAL ESTATE" TO CITY OF BUNNELL "AGRICULTURAL"; PROVIDING FOR LEGISLATIVE FINDINGS AND INTENT; PROVIDING FOR ASSIGNMENT OF THE LAND USE DESIGNATION FOR THE PROPERTY; PROVIDING FOR SEVERABILITY; PROVIDING FOR RATIFICATION OF PRIOR ACTS OF THE CITY; PROVIDING FOR CONFLICTS; PROVIDING FOR CODIFICATION AND DIRECTIONS TO THE CODE CODIFIER AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the real property which is the subject of this Ordinance is described by Tax Identification Parcel Number: 21-13-31-0650-000A0-0920, located in the City of Bunnell; and

WHEREAS, the owner of the property, Ryan Liebert, has requested this change to the future land use; and

WHEREAS, the City of Bunnell has not had any small-scale land use amendments since November 22, 2021 and has not submitted any small-scale land use amendments to the Department of Economic Opportunity since December 7, 2018; and

WHEREAS, the City of Bunnell's Planning, Zoning and Appeals Board, as the City's local planning agency, held a public hearing on November 2, 2021 to consider amending the Future Land Use Map of the Future Land Use Element of the *City of Bunnell Comprehensive Plan* and recommended approval of the proposed Future Land Use Map amendment to the *Comprehensive Plan* for the subject property as requested by the property owner; and

WHEREAS, Section 163.3187, *Florida Statutes*, relates to the amendment of adopted local government comprehensive plans and sets forth certain requirements relating to small scale amendments and which are related to proposed small-scale development activities and provides, among other things, that such amendments may be approved without regard to statutory limits on the frequency of consideration of amendments to the *City of Bunnell Comprehensive Plan*; and

WHEREAS, the City of Bunnell has complied with all requirements and procedures of Florida law in processing this amendment to the *City of Bunnell Comprehensive Plan* including, but not limited to, Section 163.3187, *Florida Statutes*.

NOW, THEREFORE, BE IT ENACTED BY THE CITY COMMISSION OF THE CITY OF BUNNELL, FLORIDA:

Section 1. Legislative findings and intent.

- (a) The City Commission of the City of Bunnell hereby adopts and incorporates into this Ordinance the City staff report and City Commission agenda memorandum relating to the application relating to the proposed amendment to the *City of Bunnell 2030 Comprehensive Plan* pertaining to the subject property.
- (b) The City of Bunnell has complied with all requirements and procedures of Florida law in processing and advertising this Ordinance.
- (c) This Ordinance is internally consistent with the goals, objectives and policies of the *City of Bunnell 2030 Comprehensive Plan*.
- (d) The exhibits to this Ordinance are incorporated herein as if fully set forth herein verbatim.

Section 2. Amendment to Future Land Use Map.

- (a) The Future Land Use Plan Element of the *City of Bunnell 2030 Comprehensive Plan* and the City's Future Land Use Map are hereby amended by assigning the "AGRICULTURAL" land use designation to the real property which is the subject of this Ordinance as set forth herein.
- (b) The property which is the subject of this Comprehensive Plan amendment is described as follows:

LEGAL DESCRIPTION: 1.10 AC BUNNELL DEV CO SUBD BEING PT OF W 1/2 OF N 1/2 TR 9 BLK A POR NW CRNR TR 7 THENCE SE 660.63' SE 145.83' TO POB SE 330.41' SE 145.81' NW 330.50' NW 145.83' TO POB A/D/A PARCEL 2 PER SURVEY PROVIDED OR 1991/1060 OR 2061/1660 (L/E 2342/1765) OR 23

ADDRESS: N/A

TAX PARCEL IDENTIFICATION NUMBER: 21-13-31-0650-000A0-0920

Section 3. Implementing Administrative Actions.

The City Manager, or designee, is hereby authorized to implement the provisions of this Ordinance as deemed appropriate and warranted.

Section 4. Ratification of Prior Actions.

The prior actions of the City Commission and its agencies in enacting and causing amendments to the *2030 Comprehensive Plan of the City of Bunnell*, as well as the

implementation thereof, are hereby ratified and affirmed.

Section 5. Severability.

If any section, sentence, phrase, word, or portion of this Ordinance proves to be invalid, unlawful or unconstitutional, it shall not be held to impair the validity of the ordinance or effect of any other action or part of this Ordinance.

Section 6. Conflicts.

All ordinances or parts of ordinances in conflict herewith are hereby repealed.

Section 7. Codification/Instructions to Code Codifier.

It is the intention of the City Commission of the City of Bunnell, Florida, and it is hereby ordained that the provisions of this Ordinance shall become and be made a part of the codified version of the City of Bunnell *2030 Comprehensive Plan* and/or the *Code of Ordinances of the City of Bunnell*, Florida in terms of amending the Future Land Use Map of the City.

Section 8. Effective Date.

The small-scale Comprehensive Plan amendment set forth herein shall not become effective, in accordance with Section 163.3187(5)(c), *Florida Statutes*, until 31 days after the enactment of this Ordinance. If challenged within 30 days after enactment, the small-scale amendment set forth in this Ordinance shall not become effective until the State land planning agency or the Administration Commission, respectively, issues a final order determining that the subject small-scale amendment is in compliance with controlling State law.

First Reading: approved on this 13th day of December 2021.

Second Reading: adopted on this 9th day of May 2022.

CITY COMMISSION, City of Bunnell, Florida.

By: _____
Catherine D. Robinson, Mayor

Approved for form and content by:

Vose Law Firm, City Attorney

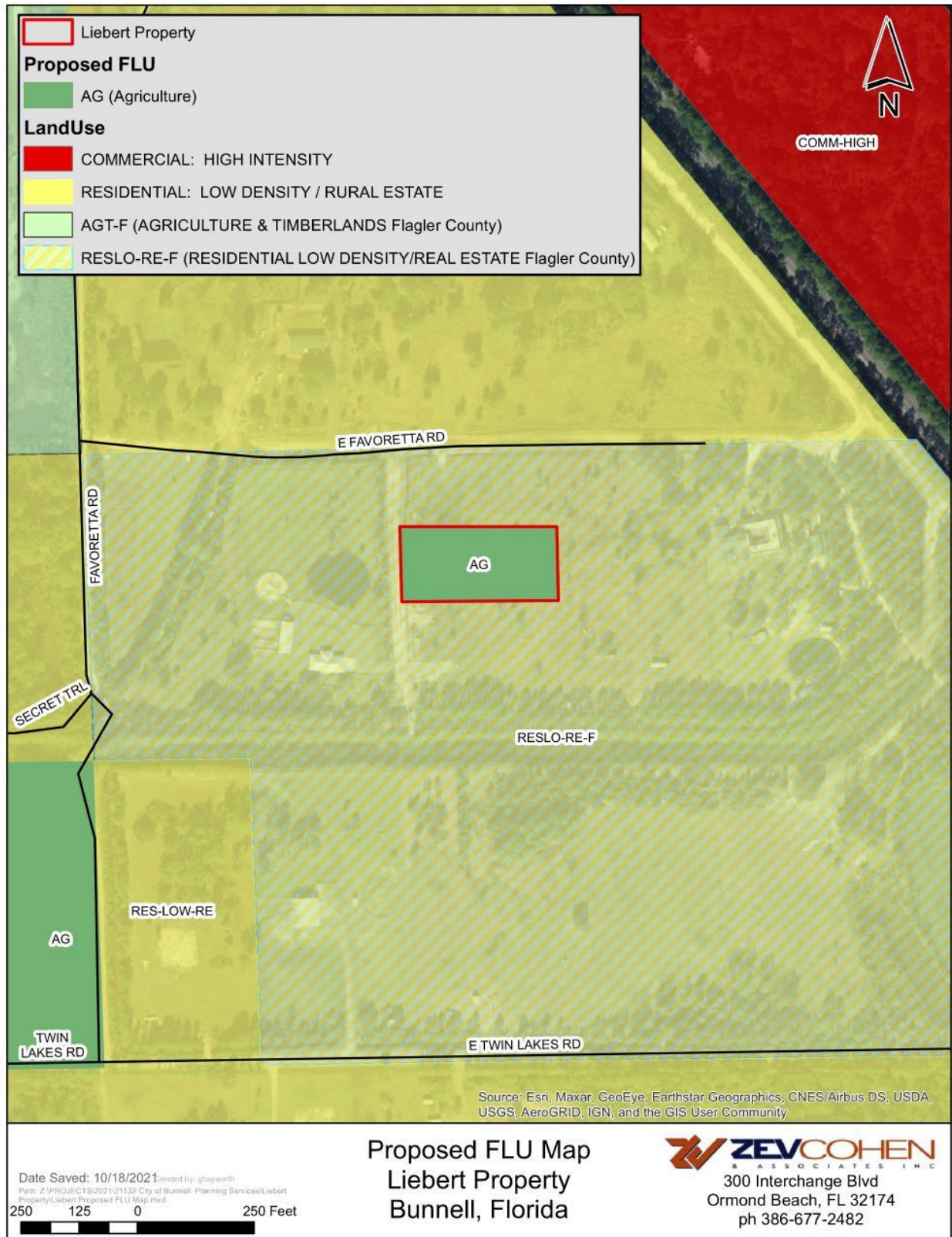
Attest:

Kristen Bates, City Clerk, CMC

Seal:

EXHIBIT A

Proposed Future Land Use Amendment



 Liebert Property



Site



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Info:

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3,750 1,875 0 3,750 Feet

Location Map Liebert Property Bunnell, Florida


300 Interchange Blvd
Ormond Beach, FL 32174
ph 386-677-2482



City of Bunnell, Florida

Agenda Item No. E.4.

Document Date: 12/13/2021 Amount:
Department: Community Development Account #:
Subject: Ordinance 2021-43 Requesting to change the official zoning map for 1.10± acres of land, owned by Ryan Liebert, Bearing the Parcel ID: 21 13-31-0650-000A0-0920 from the Flagler County "MH-1, Rural Mobile Home" district to the City of Bunnell "AG, Agricultural District" - Second Reading
Agenda Section: Ordinances: (Legislative): None
Goal/Priority: Increase Economic Base

ATTACHMENTS:

Description	Type
Liebert Proposed Rezoning Ordinance	Ordinance
Liebert Location Map	Location Map(s)

Summary/Highlights:

The applicant is requesting an amendment to the official zoning map to change the zoning on a 1.10± acre property from the Flagler County "MH-1, Rural Mobile Home" district to the City of Bunnell "AG, Agricultural District".

There is a companion FLUM amendment application requesting to change the Future Land Use Map (FLUM) designation from Flagler County, Residential - Low Density/Rural Estate to City of Bunnell, "Agricultural".

The Planning, Zoning and Appeals Board heard this request at their November 2, 2021 Meeting. At this meeting, the PZA Board voted to recommend approval of the proposed ordinance.

This item was heard at the December 13, 2021 City Commission meeting. At this meeting, the City Commission voted to approve the proposed ordinance. Second Reading of this item was delayed for the City's EAR (Ordinance 2022-01) to be adopted. This item was advertised in the April 28, 2022 edition of the Palm Coast Observer.

Background:

The applicant, Ryan Liebert, owns a 1.1± acre property located approximately 145' south of E. Favoretta Road along a private easement. The applicant plans to place a mobile home on the

property.

The property is currently zoned Flagler County "MH-1, Rural Mobile Home" district. The Flagler County "MH-1, Rural Mobile Home" district is a transitional zoning category between agricultural and urban areas. It allows a mixture of single-family dwellings and mobile homes.

The proposed zoning classification is City of Bunnell "Ag-Agriculture". The intent of the "Ag-Agriculture" district is to "preserve and enhance an agricultural lifestyle while facilitating orderly and sustainable development." The minimum lot size in the "Ag-Agricultural" district is one (1) acre.

The proposed "Ag-Agricultural" zoning is consistent with the proposed FLUM designation and the existing pattern of surrounding development.

Staff Recommendation:

Adopt Ordinance 2021-43 Requesting to change the official zoning map for 1.10± acres of land, owned by Ryan Liebert, Bearing the Parcel ID: 21 13-31-0650-000A0-0920 from the Flagler County "MH-1, Rural Mobile Home" district to the City of Bunnell "AG, Agricultural District"
- Second Reading

City Attorney Review:

Approved as to form and legality.

Finance Department Review/Recommendation:

City Manager Review/Recommendation:

Approved

ORDINANCE 2021-43

AN ORDINANCE OF THE CITY OF BUNNELL, FLORIDA PROVIDING FOR THE REZONING OF REAL PROPERTY TOTALING 1.10± ACRES, OWNED BY RYAN LIEBERT, BEARING PARCEL ID: 21-13-31-0650-000A0-0920 LOCATED APPROXIMATELY 145' SOUTH OF EAST FAVORETTA ROAD ALONG A PRIVATE EASEMENT WITHIN THE BUNNELL CITY LIMITS FROM THE FLAGLER COUNTY "MH-1, RURAL MOBILE HOME" DISTRICT TO THE CITY OF BUNNELL "AG, AGRICULTURAL" DISTRICT; PROVIDING FOR THE TAKING OF IMPLEMENTING ADMINISTRATIVE ACTIONS; PROVIDING FOR THE ADOPTION OF MAPS BY REFERENCE; REPEALING ALL CONFLICTING ORDINANCES; PROVIDING FOR SEVERABILITY; PROVIDING FOR NON-CODIFICATION AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Ryan Liebert, the owner of certain real property, which land totals 1.10± acres in size located approximately 145' south of East Favoretta Road along a private easement and is assigned Tax Parcel Identification Number 21-13-31-0650-000A0-0920 by the Property Appraiser of Flagler County; and

WHEREAS, Flagler County Board of County Commissioners has applied to the City of Bunnell pursuant to the controlling provisions of State law and the *Code of Ordinances of the City of Bunnell*, to have the subject property rezoned to the City of Bunnell "AG, Agricultural" district zoning classification from the existing Flagler County "MH-1, Rural Mobile Home" district zoning classification; and

WHEREAS, the City's Community Department has conducted a thorough review and analysis of the demands upon public facilities and general planning and land development issues should the subject rezoning application be approved and has otherwise reviewed and evaluated the application to determine whether it comports with sound and generally accepted land use planning practices and principles as well as whether the application is consistent with the goals, objectives and policies set forth in the City's *Comprehensive Plan*; and

WHEREAS, on November 2, 2021 the Planning, Zoning and Appeals Board of the City of Bunnell reviewed this request and recommended approval of the proposed ordinance to the City Commission; and

WHEREAS, professional City planning staff, the City's Planning, Zoning and Appeals Board and the City Commission have determined that the proposed rezoning of the subject property as set forth in this Ordinance is consistent with the *Comprehensive Plan of the City of Bunnell*, the land development regulations of the City of Bunnell, and the controlling provisions of State law; and

WHEREAS, the City Commission of the City of Bunnell, Florida has taken, as implemented by City staff, all actions relating to the rezoning action set forth herein in accordance with the requirements and procedures mandated by State law.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF BUNNELL, FLORIDA:

Section 1. Legislative Findings and Intent.

- (a) The City Commission of the City of Bunnell hereby adopts and incorporates into this Ordinance the City staff report and City Commission agenda memorandum relating to the application relating to the proposed rezoning of the subject property as well as the recitals (whereas clauses) to this Ordinance.
- (b) The subject property, which is 1.10± acres in size, is located approximately 145' south of East Favoretta Road along a private easement in the City of Bunnell.
- (c) The City of Bunnell has complied with all requirements and procedures of Florida law in processing and advertising this Ordinance.

Section 2. Rezoning of Real Property/Implementing Actions.

- (a) Upon enactment of this Ordinance the following described property, as depicted in the map attached to this Ordinance, and totaling 1.10± acres in size, shall be rezoned to the City of Bunnell "AG, Agricultural" district zoning classification from the existing Flagler County "MH-1, Rural Mobile Home" district zoning classification;

LEGAL DESCRIPTION: 1.10 AC BUNNELL DEV CO SUBD BEING PT OF W 1/2 OF N 1/2 TR 9 BLK A POR NW CRNR TR 7 THENCE SE 660.63' SE 145.83' TO POB SE 330.41' SE 145.81' NW 330.50' NW 145.83' TO POB A/D/A PARCEL 2 PER SURVEY PROVIDED OR 1991/1060 OR 2061/1660 (L/E 2342/1765) OR 23

ADDRESS: N/A

TAX PARCEL IDENTIFICATION NUMBER: 21-13-31-0650-000A0-0920

- (b) The City Manager, or designee, is hereby authorized to execute any and all documents necessary to formalize approval of the rezoning action taken herein and to revise and amend the Official Zoning Map or Maps of the City of Bunnell as may be appropriate to accomplish the action taken in this Ordinance.
- (c) Conditions of development relating to the subject property may be incorporated into the subsequent pertinent development orders and such development orders may be subject to public hearing requirements in accordance with the provisions of controlling law.

Section 3. Incorporation of Maps.

The maps attached to this Ordinance are hereby ratified and affirmed and incorporated into this Ordinance as a substantive part of this Ordinance.

Section 4. Conflicts.

All ordinances or part of ordinances in conflict with this Ordinance are hereby repealed

Section 5. Severability.

If any section, sentence, phrase, word, or portion of this Ordinance is determined to be invalid, unlawful or unconstitutional, said determination shall not be held to invalidate or impair the validity, force or effect of any other section, sentence, phrase, word, or portion of this Ordinance not otherwise determined to be invalid, unlawful, or unconstitutional.

Section 6. Non-codification.

This Ordinance shall be not be codified in the *City Code of the City of Bunnell* or the *Land Development Code of the City of Bunnell*; provided, however, that the actions taken herein shall be depicted on the zoning maps of the City of Bunnell by the City Manager, or designee.

Section 7. Effective Date

This Ordinance shall take effect upon the effective date of Ordinance 2021-42.

First Reading: on this 13th day of December 2021.

Second/Final Reading: adopted on this 9th day of May 2022.

CITY COMMISSION, City of Bunnell, Florida.

By: _____
Catherine D. Robinson, Mayor

Approved for form and content by:

Vose Law Firm, City Attorney

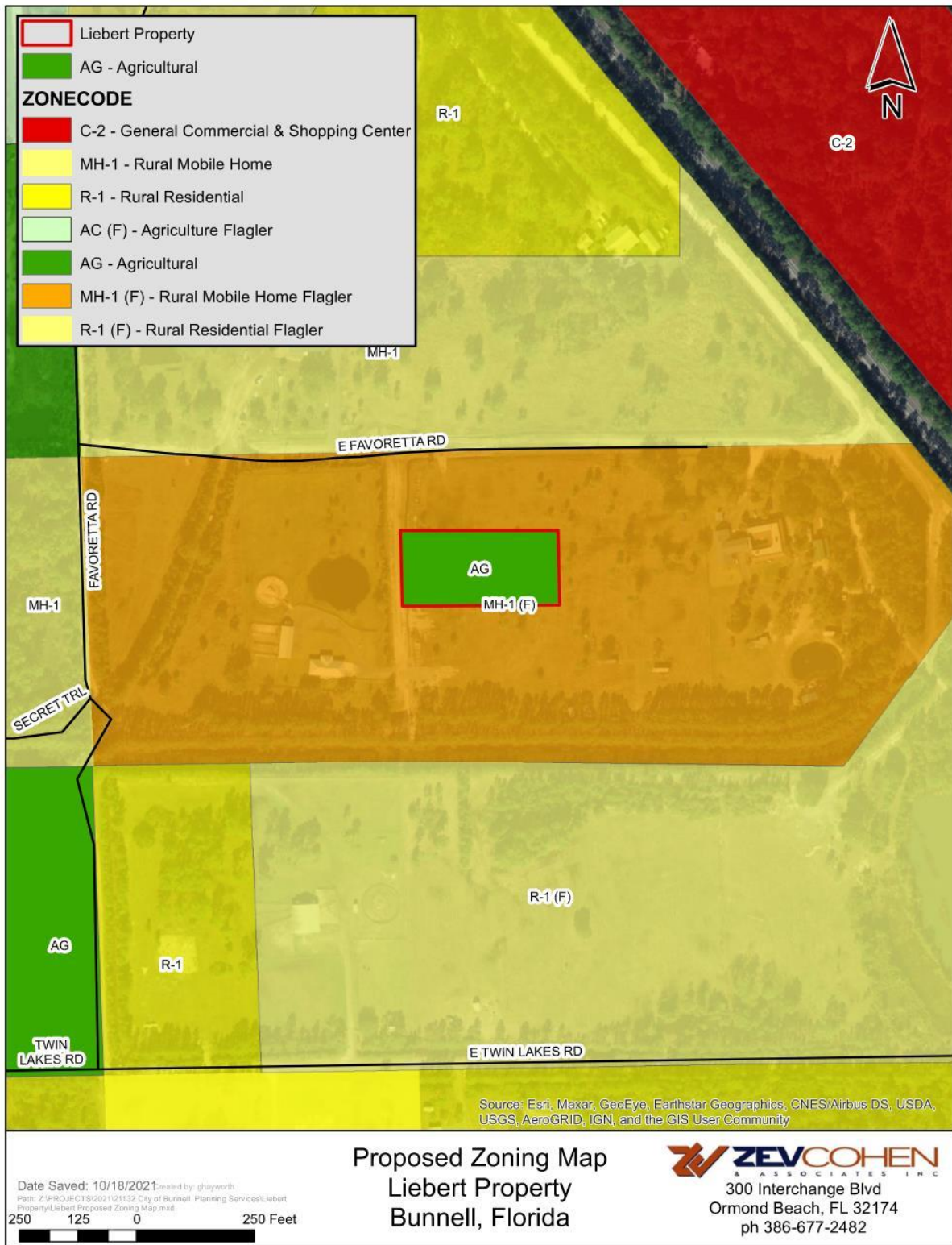
Attest:

Kristen Bates, CMC, City Clerk

Seal:

Exhibit "A"

Proposed Rezoning



 Liebert Property



Site



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Info:

Date Saved: 10/12/2021
Created by: jdurant
Path: Z:\PROJECTS\2021\21132 City of Bunnell Planning Services\Liebert Property\Liebert Location Map.mxd

3,750 1,875 0 3,750 Feet



Location Map Liebert Property Bunnell, Florida


300 Interchange Blvd
Ormond Beach, FL 32174
ph 386-677-2482



City of Bunnell, Florida

Agenda Item No. E.5.

Document Date: 4/6/2022 Amount:
Department: Infrastructure Account #:
Subject: Ordinance 2022-12 Amending the Bunnell Land Development Code Chapter 22 Site Plan Review and Approval amending minimum standards of construction. - First Reading
Agenda Section: Ordinances: (Legislative): None
Goal/Priority: Infrastructure

ATTACHMENTS:

Description	Type
Proposed Ordinance	Ordinance
Exhibit "A" to Ordinance Final Engineering Standards	Exhibit

Summary/Highlights:

This is a request to amend the Bunnell Land Development Code Chapter 22 Site Plan Review and Approval.

This item was heard by the Planning, Zoning and Appeals Board at its April 5, 2022 meeting. The Planning, Zoning and Appeals Board voted to recommend approval of the proposed ordinance.

In accordance with Florida Statute, this item was advertised in the April 28, 2022 edition of the Palm Coast Observer for First Reading.

Background:

On June 17, 2014, the Planning, Zoning and Appeals Board reviewed and approved an ordinance that adopted minimum construction standards for the City of Bunnell. In August 2014, Commission approved and adopted Ordinance 2014-11 Amending the Bunnell Land Development Code Chapter 22 Site Plan Review and Approval adopting minimum construction standards.

Working in conjunction with Alliant Engineering, Staff has reviewed and updated some of the existing standards. The proposed standards are better suited for Bunnell. They represent the needs of the City while also ensuring sound, economically sustainable engineering is practiced within the City. The proposed standards will also ensure uniformity for projects and developments where any roadways and/or utilities will be dedicated to the City.

Staff Recommendation:

Approve Ordinance 2022-12 Amending the Bunnell Land Development Chapter 22 Site Plan Review and Approval amending the minimum standards of construction. - First Reading

City Attorney Review:

Approved as to form and legality.

Finance Department Review/Recommendation:

City Manager Review/Recommendation:

Reviewed

ORDINANCE 2022-12

AN ORDINANCE OF THE CITY OF BUNNELL, FLORIDA AMENDING THE BUNNELL LAND DEVELOPMENT CODE CHAPTER 22 SITE PLAN REVIEW AND APPROVAL; PROVIDING FOR THE ADOPTION OF AMENDMENTS TO THE MINIMUM STANDARDS OF CONSTRUCTION; PROVIDING FOR CONFLICTING PROVISIONS; PROVIDING FOR SEVERABILITY AND APPLICABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, Article VIII, Section 2, *Constitution of the State of Florida*, authorizes the City of Bunnell to exercise any power for municipal purposes except as otherwise provided by law; and

WHEREAS, the *Bunnell Land Development Code* provides for procedures for site plan review and approval; and

WHEREAS, the City currently has formal minimum standards for construction; and

WHEREAS, said procedures are in need of revision; and

WHEREAS, Section 163.3174(4)(c), *Florida Statutes*, requires the local planning agency to review proposed land development regulations and amendments, and make recommendations to the governing body as to the consistency of the proposal with the adopted comprehensive plan, or element or portion thereof; and

WHEREAS, the Planning, Zoning and Appeals Board reviewed this Ordinance at its April 5, 2022 meeting and recommends adoption; and

WHEREAS, the City of Bunnell hereby amends and updates the Bunnell Standard Construction Details and Notes 2022 Edition; and

WHEREAS, the Bunnell Standard Construction Details and Notes 2022 Edition are hereby incorporated by reference; and

WHEREAS, the City Commission of the City of Bunnell finds it is in the best interest and welfare of the citizens of the City to amend this Ordinance; and

WHEREAS, the City of Bunnell has complied with all requirements and procedures of Florida law in processing and advertising this Ordinance; and

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF BUNNELL, FLORIDA AS FOLLOWS:

Section 1. Amendment to Chapter 22, Land Development Code. Chapter 22 Site Plan Review and Approval, the *City of Bunnell Land Development Code* is hereby amended and incorporated by reference as shown in Exhibit A.

Sec. 22-12. – Minimum Construction Standards.

(a) Any development or project meeting the requirements of *Section 22-3 Applicability* in which the roadways and/or utilities will be dedicated to the City shall be constructed in accordance with the Bunnell Standard Construction Details and Notes 2022 2014 Edition as amended from time to time ~~or as subsequently amended.~~

Section 2. Implementing Administrative Actions.

The City Manager, or designee, is hereby authorized and directed to implement the provisions of this Ordinance and to take any and all necessary administrative actions to include, but not be limited to, the adoption of administrative forms, policies, procedures, processes and rules. All development orders shall be issued in a manner consistent with controlling law and rendered in appealable form with the City Clerk. Denials of development approvals shall be issued in accordance with controlling law to include, but not be limited to, Section 166.033, *Florida Statutes*.

Section 3. Savings.

The prior actions of the City of Bunnell relating to the regulation of landscaping, tree protection, tree removal and related matters are hereby ratified and affirmed.

Section 4. Codification.

The provisions of this Ordinance, including its recitals, shall become and be made a part of the *Bunnell Land Development Code* and the Sections of this Ordinance may be renumbered or re-lettered to accomplish such intention and the word "Ordinance", or similar words, may be changed to "Section," "Article", or other appropriate word; provided, however, that Sections 2, 3, 4, 5, 6 and 7 shall not be codified. The Code codifier is granted liberal authority to codify the provisions of this Ordinance.

Section 5. Conflicts.

All ordinances or parts thereof in conflict with this Ordinance are hereby repealed to the extent of such conflict.

Section 6. Severability.

If any section, subsection, sentence, clause, phrase, or portion of this Ordinance, or application hereof, is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion or application shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining portions thereof.

Section 7. Effective Date. This Ordinance shall take effect immediately upon enactment.

First Reading: approved on this 9th day of May 2022.

Second Reading: approved on this _____ day of _____ 2022.

CITY COMMISSION, City of Bunnell, Florida.

By: _____
Catherine D. Robinson, Mayor

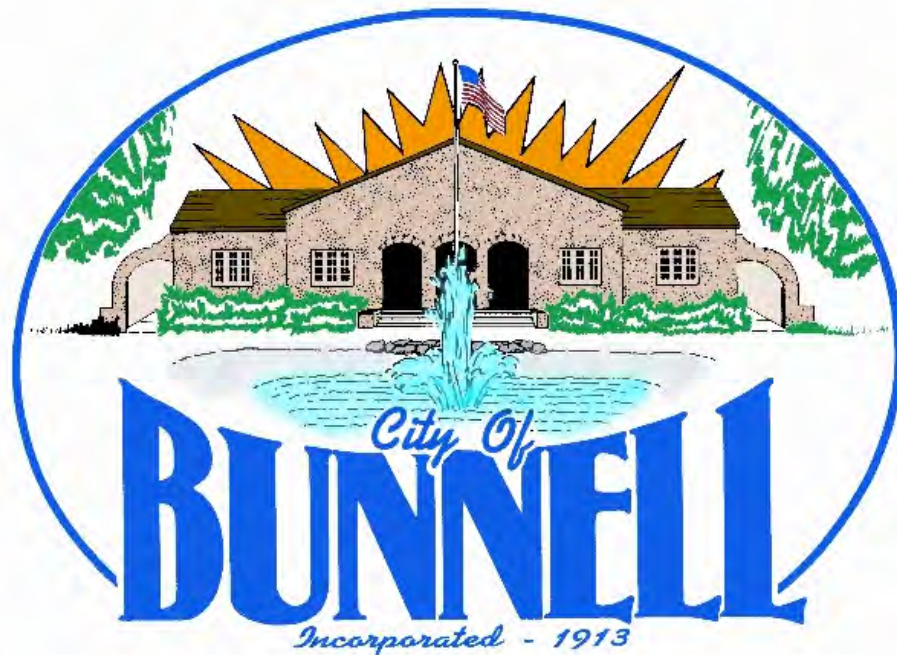
Approved for form and content by:

Vose Law Firm, City Attorney

Attest:

Kristen Bates, CMC, City Clerk

Seal:



**MINIMUM
ENGINEERING
STANDARD
CONSTRUCTION
DETAILS AND NOTES
2022**

STANDARD CONSTRUCTION DETAILS

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ROADWAY CONSTRUCTION NOTES

1. ALL RIGHT OF WAY OTHER THAN ROADWAY AREAS SHALL BE SEEDED AND MULCHED OR SODDED. THE CITY RESERVES THE RIGHT TO REQUIRE SODDING AT ITS DISCRETION.
2. THE FOLLOWING WILL BE THE STANDARD PROTECTION FOR DITCHES UNLESS DRAINAGE CALCULATIONS INDICATE OTHERWISE:

<u>SWALE PROFILE GRADES</u>	<u>PROTECTION REQUIRED</u>
0.2% – 1.0%	SEEDING AND MULCHING
1.0% – 4.0%	SODDING
4.0% AND GREATER	DITCH PAVING

3. ALL FRANCHISE UTILITY CROSSINGS, INCLUDING BUT NOT LIMITED TO FPL, BELLSOUTH AND CABLE SHALL BE INSTALLED PRIOR TO INSTALLATION AND COMPACTION OF THE ROAD SUB BASE. ANY CROSSINGS AFTER INSTALLATION OF THE SUB BASE SHALL BE BY DIRECTIONAL BORE.
- 3A. IF OPEN CUTTING A ROADWAY IS APPROVED BY THE CITY, THE ROAD SHALL BE MILLED AND RESURFACED 25' ON EACH SIDE OF THE REPAIR.
4. THE LIMITS OF STABILIZED SUB BASE SHALL EXTEND TO A DEPTH OF TWELVE INCHES (12") BELOW THE BOTTOM OF THE BASE AND OUTWARD TO TWELVE INCHES (12") BEYOND THE CURB.
5. THE STABILIZING MATERIAL, IF REQUIRED, SHOULD BE A HIGH BEARING VALUE SOIL, SAND-CLAY, LIMEROCK, RECYCLED CONCRETE, SHELL OR OTHER MATERIAL AS APPROVED BY THE CITY AND A LICENSED SOILS ENGINEER.
6. THE SUB BASE SHALL BE STABILIZED NOT LESS THAN FORTY (40) LIMEROCK BEARING RATIO (LBR). A COMPACTION OF NO LESS THAN NINETY-EIGHT (98%) PERCENT DENSITY BASED ON AASHTO T-180 SHALL BE REQUIRED.
7. TESTS FOR SUB BASE BEARING CAPACITY AND COMPACTION SHALL BE DONE AT A MINIMUM OF EVERY 300 FEET AND SHALL BE STAGGERED TO THE LEFT, RIGHT AND AT CENTER LINE OF THE ROADWAY.
8. BASES FOR ALL STREETS SHALL HAVE A MINIMUM SIX INCH (6") DEPTH. PRIMING AND SANDING SHALL BE REQUIRED AS SOON AS BEARING CAPACITY AND COMPACTION HAS BEEN ACHIEVED.
9. RECYCLED CONCRETE OR LIMEROCK BASES SHALL BE COMPACTED TO (98%) MAXIMUM DENSITY BASED ON AASHTO T-180 MODIFIED PROCTOR TEST.
10. MATERIAL DELIVERY TICKETS SHALL BE PROVIDED TO THE CITY AT THE TIME OF PLACEMENT.
11. TESTING OF THE IN-PLACE BASE SHALL BE DONE AT INTERVALS EQUIVALENT TO SUB BASE TESTING AND SHALL CONSIST OF, AS A MINIMUM, MOISTURE CONTENT AND COMPACTION TEST.



STANDARD CONSTRUCTION DETAIL ROADWAY CONSTRUCTION NOTES

INDEX

R-1A

March 2022

12. DESIGN MIXES SHALL BE SUBMITTED TO THE CITY FOR THEIR APPROVAL NO LESS THAN THREE (3) WORKING DAYS PRIOR TO ANY ROADWAY CONSTRUCTION.
13. ASPHALT SPECIFICATIONS SHALL BE SUBMITTED BY THE DESIGN ENGINEER WITH FINAL PLANS TO THE CITY. FLORIDA STATE CERTIFIED BATCH PLANTS MUST THEN CERTIFY THAT THESE APPROVED SPECIFICATIONS HAVE BEEN MET.
14. EXTRACTION AND GRADATION TESTS ON ASPHALT MIXES SHALL BE PROVIDED TO THE CITY TO INSURE THAT DESIGN MIXES MEET THE CITY STANDARD SPECIFICATIONS.
15. THE ROADWAY CROWN SHALL HAVE A STANDARD ONE QUARTER INCH (1/4") PER FOOT (2%) SLOPE.
16. ALL ROADWAYS WITH CURB AND GUTTER SECTIONS SHALL HAVE AS A STANDARD A MINIMUM LONGITUDINAL SLOPE OF 0.30%.
17. THE FINISHED PAVEMENT EDGE SHALL BE WITHIN ONE QUARTER INCH (1/4") OF THE ADJACENT CONCRETE CURB.
18. IF PROVIDED, CONCRETE CURBS IN NEW SUBDIVISIONS (ON BOTH SIDES OF ALL STREETS) TO BE CONSTRUCTED WITH 3000 PSI CONCRETE AT 28 DAYS.
19. CONCRETE CURBS SHALL BE SAW CUT TO A DEPTH EQUAL TO 1/4 OF CURB THICKNESS AT INTERVALS OF TEN FEET (10') WITH EXPANSION JOINTS AT STREET INTERSECTIONS, STRUCTURES AND ALONG CURVES AT SIXTY FEET (60') INTERVALS. ALL EXPANSION JOINT MATERIAL IS REQUIRED TO BE INSTALLED THROUGH THE ENTIRE DEPTH OF THE CONCRETE CURB.
20. A "V" SHALL BE CUT IN THE CURB TO MARK THE LOCATION OF WATER DISTRIBUTION SYSTEM VALVE.
21. AN "↑" SHALL BE CUT INTO THE CURB TO MARK THE LOCATION OF ALL VALVES OTHER THAN WATER DISTRIBUTION VALVES.
22. AN "S" SHALL BE CUT IN THE CURB TO MARK THE LOCATION OF ALL SEWER SERVICES.
23. A "⊥" SHALL BE CUT IN THE CURB TO MARK THE LOCATION OF ALL RECLAIMED WATER SERVICES.
24. A "W" SHALL BE CUT IN THE CURB TO MARK THE LOCATION OF ALL WATER SERVICES.



STANDARD CONSTRUCTION DETAIL
ROADWAY CONSTRUCTION NOTES

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R-1B

March 2022

25. THREE (3) CONCRETE CYLINDERS SHALL BE TAKEN AND TESTED FOR EVERY THREE HUNDRED (300) FEET OF ROADWAY CONSTRUCTED. TEST RESULTS SHALL THEN BE PROVIDED TO THE CITY AS THEY BECOME AVAILABLE.
26. THE DEVELOPER SHALL PROVIDE ALL REQUIRED PAVEMENT MARKINGS ON ALL ROADWAYS PER CITY, COUNTY AND STATE REQUIREMENTS. CENTERLINE STRIPES SHALL BE PROVIDED ON EXTENSIONS OF CITY COLLECTOR OR ARTERIAL ROADS, COUNTY ROADS AND STATE HIGHWAYS ONLY.
27. STOP BARS WITHIN STATE, COUNTY, OR CITY RIGHT-OF-WAY SHALL BE THERMOPLASTIC AND MEET REQUIREMENTS SET FORTH IN THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION CURRENT EDITION, WITH THE EXCEPTION THAT TRAFFIC PAINT MAY BE UTILIZED ON CITY RIGHT-OF-WAY.
28. ALL TRAFFIC CONTROL DEVICES PLACED AT INTERSECTIONS, PRIVATE STREETS, PUBLIC STREETS, COUNTY ROADS AND STATE HIGHWAYS WITHIN THE CITY LIMITS SHALL BE INSTALLED ACCORDING TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
29. THE DEVELOPER IS RESPONSIBLE FOR PAYING FEES FOR ALL STREET LIGHTS PRIOR TO ACCEPTANCE OF THE PROJECT BY THE CITY.
30. STANDARD TURNING RADII FOR INTERSECTIONS:

2-LANE ACCESS OR FEEDER	35'
LOCAL TO COLLECTOR	35'
LOCAL OR COLLECTOR TO ARTERIAL	40'
ARTERIAL TO ARTERIAL	50'
31. CITY INSPECTOR SHALL BE PRESENT DURING PAVING OF ALL PUBLIC AND PRIVATE ROADS.
32. CONSTRUCTION METHODS AND DESIGN FOR CONCRETE PAVEMENT SHALL CONFORM TO FDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
33. ALL CONTRACTORS THAT ARE PERFORMING THE CONSTRUCTION OF PUBLIC IMPROVEMENTS (WATER MAIN, SANITARY SEWER MAIN, RECLAIMED WATER MAIN, STORM WATER PIPES AND INLETS AND ALSO CONSTRUCTION OF ROADWAYS) SHALL BE CERTIFIED WITH THE FLORIDA STATE DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATIONS (DBPR) FOR THE TYPE OF WORK THAT THEY PERFORM. A COPY OF THE VALID LICENSE IS REQUIRED AT PRE CONSTRUCTION MEETING.
34. UTILITY DEPTH (REFERENCED TO FINISHED GRADE):
 - HIGH VOLTAGE UTILITIES SUCH AS POWER (FEEDER, SERVICE AND DROPS) SHALL BE BURIED A MINIMUM OF 30 INCHES IN DEPTH.
 - LOW VOLTAGE UTILITIES SUCH AS PHONE AND CABLE TV SHALL BE BURIED A MINIMUM OF 18 INCHES IN DEPTH FOR FEEDER AND SERVICES. SERVICE DROPS SHALL BE BURIED A MINIMUM OF 18 INCHES IN DEPTH.
 - HIGH VOLTAGE UTILITIES INSTALLED PARALLEL TO PRESSURE MAINS SHALL MAINTAIN A MINIMUM FIVE FOOT SEPARATION.
35. GEOTECHNICAL TESTING REPORTS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER SHALL BE SUBMITTED TO THE CITY PRIOR TO FINAL SIGN OFF. REPORTS SHALL CLEARLY LABEL PROJECT NAME AND PHASE.

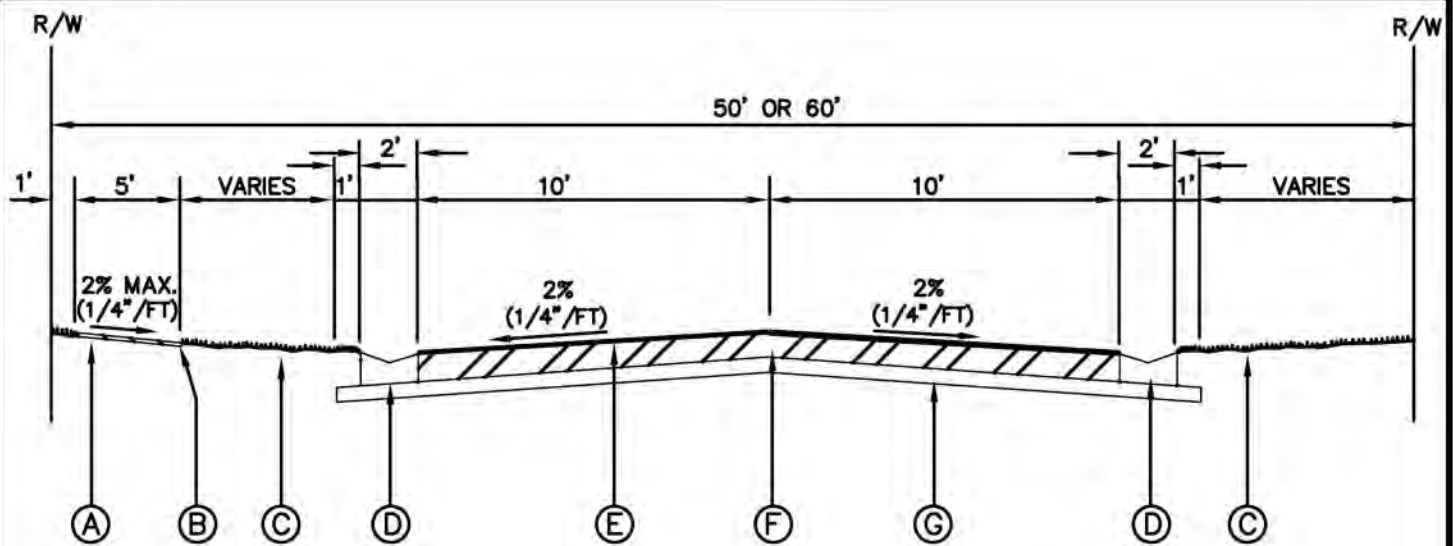


STANDARD CONSTRUCTION DETAIL
ROADWAY CONSTRUCTION NOTES

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R-1C

March 2022



- (A) 5'-0" WIDE CONCRETE SIDEWALK
4" THICK, 3000 P.S.I.
6" THICK AT DRIVEWAY
- (B) MAX 6" ABOVE CENTERLINE ROAD GRADE
MIN. EQUAL TO CENTERLINE ROAD GRADE (PER INDEX M-3(3))
- (C) SOD or SEED AND MULCH PER F.D.O.T. STANDARD SPECIFICATION SECTION 570. 1' SOD STRIP REQUIRED ADJACENT TO CURB AND AROUND DRAINAGE STRUCTURES.
- (D) CONCRETE MIAMI CURB, 3000 P.S.I. OR 6-INCH RIBBON CURB OR 6-INCH EXTENDED STABILIZED BASE.
- (E) ASPHALT PAVEMENT:
1-1/2" ASPHALT BITUMINOUS CONCRETE TYPE SP-9.5 OR SP-12.5; MINIMUM MARSHALL FIELD STABILITY 1500.
- (F) BASE:
6" LIMEROCK (LBR 100) COMPACTED TO 98% DENSITY BASED ON AASHTO T-180 MODIFIED PROCTOR TEST.
OR
6" CRUSHED CONCRETE (LBR 100) COMPACTED TO 98% DENSITY BASED ON AASHTO T-180 MODIFIED PROCTOR TEST.
- (G) SUB BASE:
12" SUB BASE COMPACTED TO 98% DENSITY BASED ON AASHTO T-180 MODIFIED PROCTOR TEST WITH MINIMUM LBR 40.

NOTE TO ENGINEER:

ENGINEER TO SELECT
BASE OPTION

NOTE:

A REPRESENTATIVE OF A CERTIFIED SOIL LABORATORY SHALL BE PRESENT DURING ALL CONSTRUCTION PHASES TO PERFORM ROADWAY COMPACTION AND DENSITY TESTING AS REQUIRED - SEE INDEX R-6(A/B).

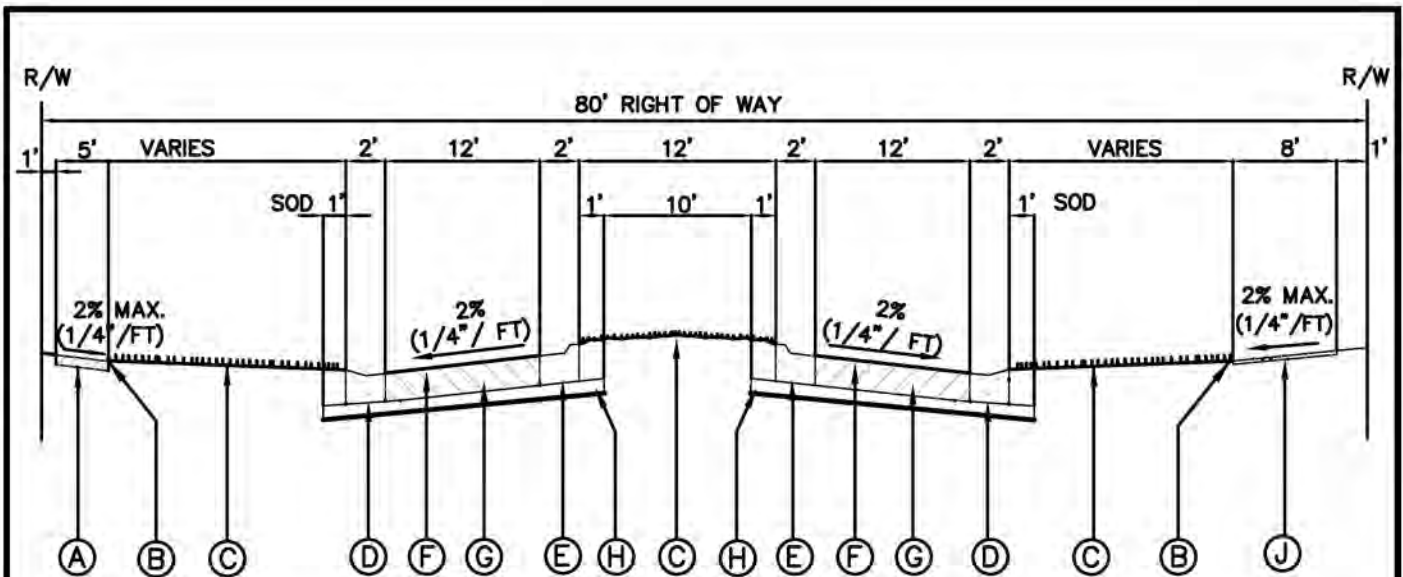


STANDARD CONSTRUCTION DETAIL
50' OR 60' R/W/ ROAD SECTION
NTS

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March 2022



- (A) 5'-0" WIDE CONCRETE SIDEWALK
4" THICK, 3000 P.S.I.
6" THICK AT DRIVEWAY
- (B) 6" MAX. ABOVE CENTERLINE ROAD GRADE
MIN. EQUAL TO CENTERLINE ROAD GRADE (PER INDEX M-3(3))
- (C) SOD or SEED AND MULCH PER F.D.O.T. STANDARD SPECIFICATION SECTION 570.
1' SOD STRIP REQUIRED ADJACENT TO CURB AND AROUND DRAINAGE STRUCTURES.
- (D) CONCRETE MIAMI CURB, 2500 P.S.I.
- (E) FDOT TYPE-E CONCRETE CURB, 2500 P.S.I., SLOPED TO DRAIN WATER
FROM GUTTER TO ASPHALT PAVEMENT
- (F) ASPHALT PAVEMENT: 1-1/2" ASPHALT BITUMINOUS CONCRETE TYPE SP-9.5 OR
SP-12.5; MINIMUM MARSHALL FIELD STABILITY 1500.
- (G) BASE:
8" LIMEROCK (LBR 100) COMPACTED TO 98% DENSITY
BASED ON AASHTO T-180 MODIFIED PROCTOR TEST.
OR
8" CRUSHED CONCRETE (LBR 100) COMPACTED TO 98% DENSITY
BASED ON AASHTO T-180 MODIFIED PROCTOR TEST.
- (H) SUB BASE:
12" SUB BASE COMPACTED TO 98% DENSITY BASED ON AASHTO T-180
MODIFIED PROCTOR TEST WITH MINIMUM LBR 40.
- (J) 8'-0" WIDE CONCRETE BIKEPATH
4" THICK, 3000 P.S.I.
6" THICK AT DRIVEWAY

NOTE TO ENGINEER:

ENGINEER TO SELECT
BASE OPTION

NOTE:

A REPRESENTATIVE OF A CERTIFIED SOIL LABORATORY SHALL BE PRESENT
DURING ALL CONSTRUCTION PHASES TO PERFORM ROADWAY COMPACTION
AND DENSITY TESTING AS REQUIRED. SEE INDEX R-6(A/B).

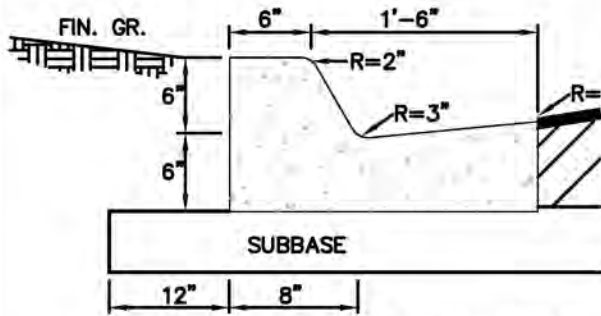


STANDARD CONSTRUCTION DETAIL
80' R/W ROAD SECTION WITH MEDIAN
NTS

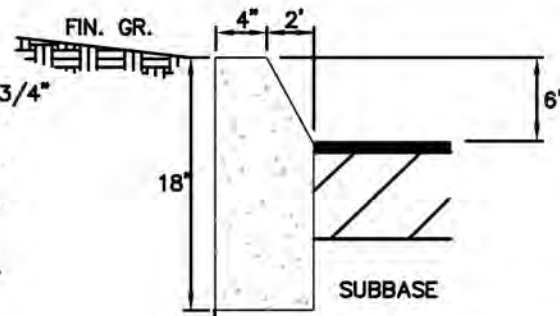
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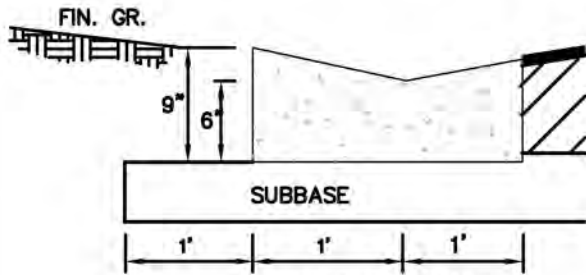
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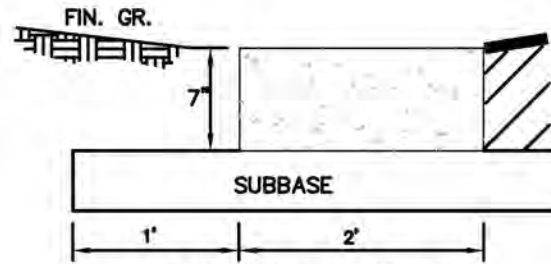
F.D.O.T. TYPE "F" CURB



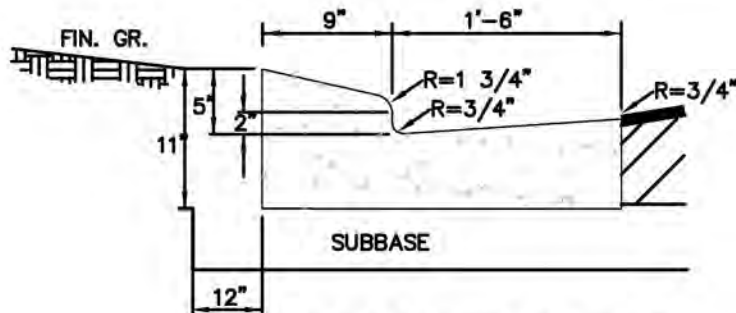
HEADER CURB



MIAMI CURB



ENVIRONMENTAL CURB



F.D.O.T. TYPE "E" CURB

NOTES:

1. ALL CURBS TO BE CONSTRUCTED OF 28 DAY, 2500 P.S.I. CONCRETE
2. 1/2" PRE-MOLDED EXPANSION JOINT REQUIRED EVERY 500', CONSTRUCTION JOINT REQUIRED EVERY 10' MAXIMUM (4' MINIMUM).
3. 1/2" PRE-MOLDED EXPANSION JOINT REQUIRED AT EACH SIDE OF ALL STORM INLET STRUCTURES AND AT ALL RADIUS POINTS.
4. 12" SUBBASE TO BE COMPACTED AND TESTED TO 98% DENSITY WITH MINIMUM L.B.R. 40 BASED ON AASHTO T-180 MODIFIED PROCTOR TEST.
5. EXPANSION JOINT MATERIAL MUST COVER THE ENTIRE CROSS SECTION OF CURB.
6. ALL EXPOSED CORNERS TO BE ROUNDED AT 3/4" MIN. RADIUS.



STANDARD CONSTRUCTION DETAIL
STANDARD CURB CONSTRUCTION
NTS

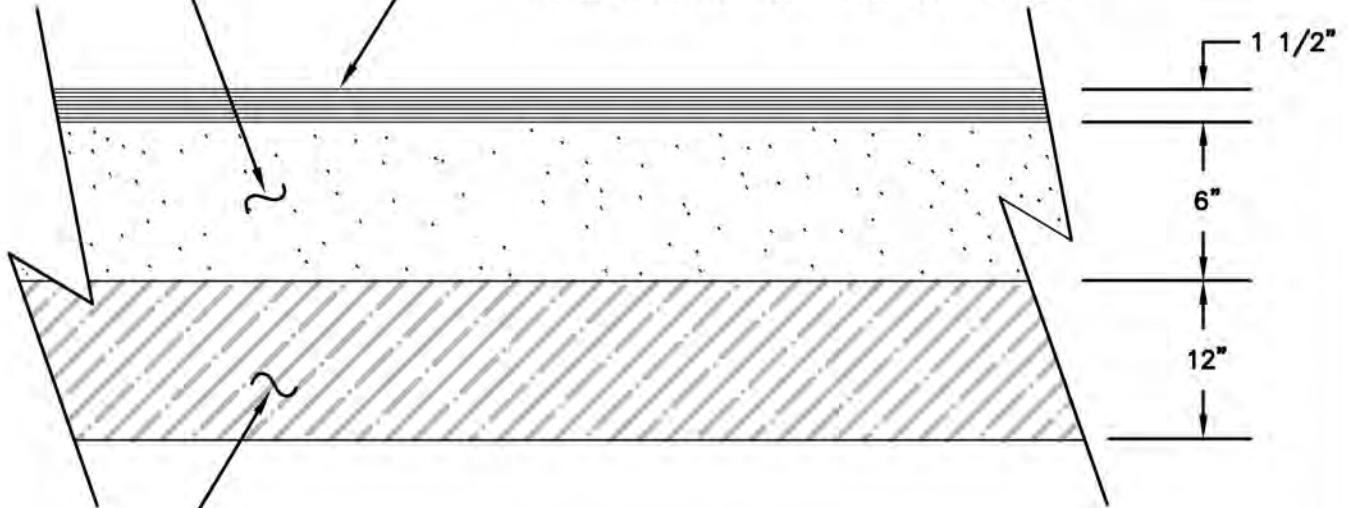
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March 2022

6" LIMEROCK BASE (LBR 100) COMPACTED TO 98%
MAXIMUM DENSITY (AASHTO T-180)

1 1/2" FDOT TYPE SP-9.5 OR SP-12.5
ASPHALTIC CONCRETE. 3/4" TO BE
PLACED DURING INITIAL CONSTRUCTION,
THEN 3/4" TO BE INSTALLED AFTER THE
COMPLETION OF THE BUILD-OUT PHASE.



STABILIZE SUB BASE 12" DEEP 75 P.S.I. FBV (LBR 40)
COMPACTED TO 98% MAXIMUM DENSITY (AASHTO T-180)



STANDARD CONSTRUCTION DETAIL
STANDARD PAVING DETAIL
NTS

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R-5

March 2022

ROADWAY COMPACTION AND DENSITY TESTING REQUIREMENTS

ITEM	TEST	FREQUENCY	STANDARD	TEST METHOD
ROADWAY SUBBASE (BOTTOM OF SUBBASE DOWN 1 FOOT)	IN-PLACE DENSITY	ONE (1) TEST/300 LF	95% MODIFIED PROCTOR (ASTM D-1557 OR AASHTO T-180)	ASTM D-2937 D-2922 D-1556
STABILIZED SUBBASE	IN-PLACE DENSITY	ONE (1) TEST/300 LF	95% MODIFIED PROCTOR (ASTM D-1557 OR AASHTO T-180)	ASTM D-2937 D-2922 D-1556
STABILIZED SUBBASE	FLORIDA BEARING VALUE (FBV)	ONE (1) TEST/300 LF	FBV = 75	
STABILIZED SUBBASE	LIMEROCK BEARING RATIO (LBR)	ONE (1) TEST/SOIL TYPE	LBR = 40	
LIMEROCK BASE	IN-PLACE DENSITY	ONE (1) TEST/300 LF	98% MODIFIED PROCTOR (ASTM D-1557 OR AASHTO T-180)	ASTM D-2937 D-2922 D-1556
LIMEROCK BASE	LIMEROCK BEARING RATIO (LBR)	PROVIDE CERTIFICATE FROM PLANT	LBR 100	FM 5-515
CRUSHED CONCRETE BASE	IN-PLACE DENSITY	ONE (1) TEST/300 LF	98% MODIFIED PROCTOR (ASTM D-1557 OR AASHTO T-180)	ASTM D-2937 D-1556
CRUSHED CONCRETE BASE	LIMEROCK BEARING RATIO (LBR)	(1) PER VISIBLE CHANGE IN MATERIAL BLEND	LBR 100	
ASPHALT	EXTRACTION AND GRADATION	(1) PER DAY PER MIX	PER MIX DESIGN	D-2922
ASPHALT	THICKNESS AND DENSITY	(1) PER 300 LF ROADWAY	PER MIX DESIGN AND JOB SPECS	CORING OR NUCLEAR (DENSITY ONLY)
SOIL OPTIMUM MOISTURE/DENSITY	PROCTOR TEST	(1) PER SOIL OR BASE TYPE		ASTM D-1557 (MODIFIED) ASTM D-558 (STANDARD) AASHTO T-180 (MODIFIED) AASHTO T-99 (STANDARD)
CURB SUBBASE	IN-PLACE DENSITY	ONE (1) TEST/300 LF	98% MODIFIED PROCTOR (ASTM D-1557 OR AASHTO T-180)	
CURB SUBBASE (LBR)	LIMEROCK BEARING RATIO (LBR)	(1) TEST/SOIL CHANGE	LBR 40	



STANDARD CONSTRUCTION DETAIL TECHNICAL SPECIFICATIONS FOR TESTING REQUIREMENTS

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R-6A

March 2022

PIPED UTILITY INSTALLATION REQUIREMENTS

ITEM	TEST	FREQUENCY	STANDARD	TEST METHOD
PIPE TRENCH SUBBASE (IF SPECIFIED)	IN-PLACE DENSITY	ONE (1) TEST/300 LF	98% MODIFIED PROCTOR	ASTM D-2937 D-2922 D-1556
PIPED BACKFILL IN PAVED AREAS & ANY OTHER CONDITION NOT SPECIFICALLY MENTIONED	IN-PLACE DENSITY	ONE (1) TEST/300 LF PER ONE (1) FOOT VERTICAL LIFT OF FILL	98% MODIFIED PROCTOR	ASTM D-2937 D-2922 D-1556
PIPED BACKFILL IN GREEN AREAS	IN-PLACE DENSITY	ONE (1) TEST/300 LF PER ONE (1) FOOT VERTICAL LIFT OF FILL	90% MODIFIED PROCTOR	ASTM D-2937 D-2922 D-1556
SOIL OPTIMUM MOISTURE/DENSITY	PROCTOR TEST	ONE (1) PER SOIL OR BASE TYPE		ASTM D-2937 (MODIFIED) ASTM D-558 (STANDARD) AASHTO T-180 (MODIFIED) AASHTO T-99 (STD.)



STANDARD CONSTRUCTION DETAIL
TECHNICAL SPECIFICATIONS FOR
TESTING REQUIREMENTS

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R-6B

March 2022

A. SCOPE OF WORK – THE WORK IN THIS SECTION CONSISTS OF FURNISHING AND COMPLETELY INSTALLING SEED AND MULCH OVER THE LIMITS CALLED FOR ON THE CONSTRUCTION DRAWINGS. WATER AS NEEDED TO ESTABLISH AND MAINTAIN GRASS UNTIL ACCEPTED BY THE CITY.

B. MATERIALS – GRASS SEED SHALL BE A MIXTURE OF:
THE CONSTRUCTION DRAWINGS.

PENSACOLA BAHIA (50% SCARIFIED SEED)	80 LBS/ACRE
HULLED BERMUDA	20 LBS/ACRE
BROWN TOP MILLET	30 LBS/ACRE

IN THE FALL AND WINTER MONTHS (OCT. THRU FEB.) AND WITH THE APPROVAL OF THE CITY, ANNUAL RYE GRASS SHALL BE SUBSTITUTED IN EQUAL AMOUNTS FOR THE BROWN TOP MILLET. SEED SHALL BE PREMIXED BY A SEED COMPANY TO THE PROPORTIONS DESCRIBED ABOVE, WITH CERTIFICATION FROM THE SUPPLIER PROVIDED TO THE CITY, PRIOR TO USE. MULCH USED SHALL BE STRAW OR HAY CONSISTING OF OATS, RYE OR WHEAT STRAW OF PANGOLA, PEANUT, COASTAL BERMUDA OR BAHIA GRASS HAY. MULCH SHALL BE FREE FROM UNDESIRABLE WEED AND OTHER UNDESIRABLE GRASS.

C. METHODS – GRASSING SHALL BE DONE IMMEDIATELY UPON COMPLETION OF THE FINE GRADING OPERATION. HOWEVER, NO SEEDING SHALL BE DONE WHEN THE GROUND IS FROZEN OR UNDULY WET. THE RATE OF SPREAD FOR THE SEED MATERIAL SHALL BE ONE HUNDRED AND THIRTY (130) POUNDS PER ACRE, AS STATED ABOVE. APPROXIMATELY TWO INCHES (2”), LOOSE THICKNESS, OF MULCH MATERIAL SHALL BE APPLIED INFORMALLY OVER THE GRASSED AREAS (APPROXIMATELY 1 1/2 BALES PER 1000 SQUARE FEET). THE MULCH MATERIAL SHALL BE CUT INTO THE SOIL WITH A DISC HARROW OR OTHERWISE ANCHORED DOWN.

D. FERTILIZER –
1. RESERVED

2. THE FERTILIZER SHALL BE A COMMERCIAL GRANULAR TYPE WITH A CHEMICAL DESIGNATION AS RECOMMENDED IN THE SOILS ANALYSIS REPORT.

3. THE NUMERICAL DESIGNATIONS FOR FERTILIZER INDICATE THE MINIMUM PERCENTAGES (RESPECTIVELY) OF (1) TOTAL NITROGEN, (2) AVAILABLE PHOSPHORIC ACID AND (3) WATER SOLUBLE POTASH CONTAINED IN THE FERTILIZER.

a) AT LEAST 50 PERCENT (50%) OF THE PHOSPHORIC ACID SHALL BE FROM A NORMAL SUPER PHOSPHATE OR AN EQUIVALENT SOURCE WHICH WILL PROVIDE A MINIMUM OF TWO UNITS OF SULFUR.

b) THE AMOUNT OF SULFUR SHALL BE INDICATED ON THE QUANTITATIVE ANALYSIS CARD ATTACHED TO EACH BAG OR CONTAINER.

4. COMMERCIAL FERTILIZERS SHALL COMPLY WITH THE STATE FERTILIZER LAWS.

5. FERTILIZER MAY, AT THE DISCRETION OF THE ENGINEER/ARCHITECT, UPON THE PRESENTATION BY THE MANUFACTURE OF SATISFACTORY FACTORY EVIDENCE OF ITS FEASIBILITY, BE APPLIED IN LIQUID FORM.

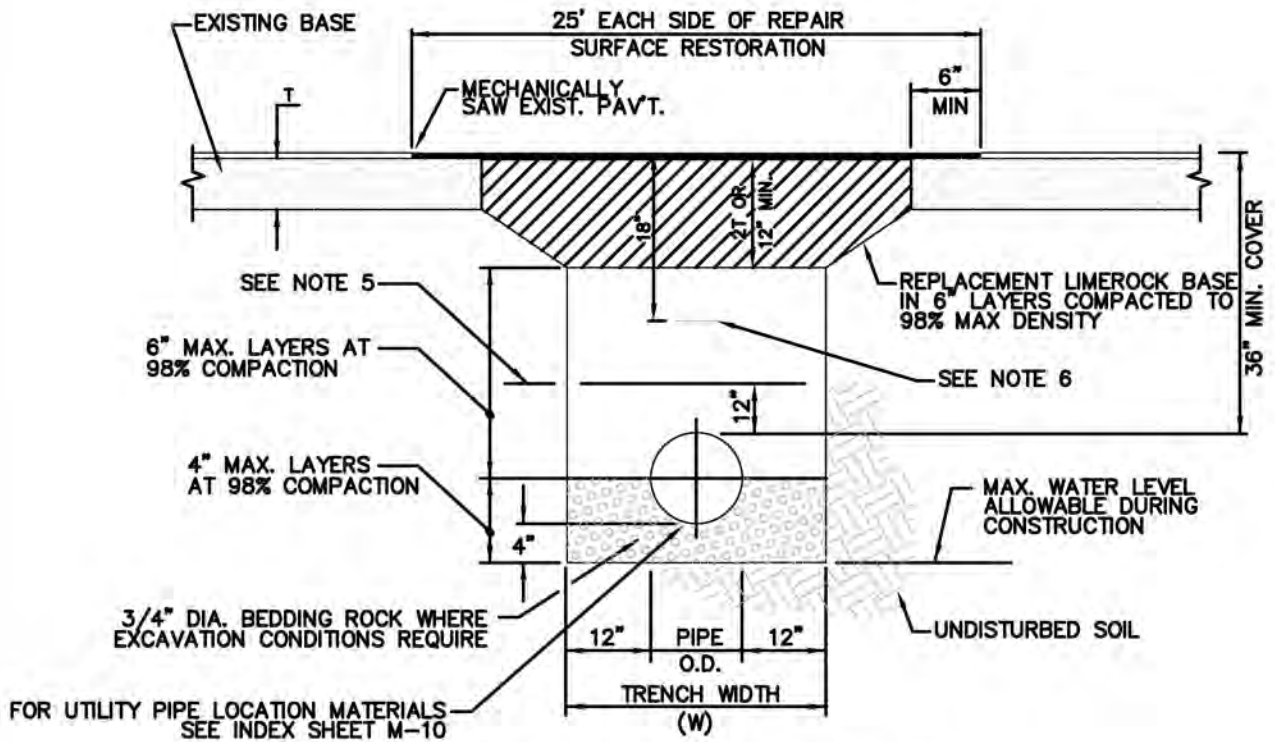


STANDARD CONSTRUCTION DETAIL
SEEDING AND MULCHING

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R-7

March 2022



PAVEMENT CUT AND PATCH DETAIL

NOTES:

1. WHERE SOIL CONDITIONS CAN NOT BE MAINTAINED AS SHOWN ABOVE, PROVIDE APPROVED METHOD OF CONSTRUCTION.
2. SHEETING WILL BE REQUIRED AS DETERMINED IN THE FIELD.
3. NEW SURFACING MATERIALS SHALL BE CONSISTENT WITH EXISTING AND SHALL HAVE LAPPED & FEATHERED JOINTS (1 1/2" MIN. THK.)
4. COMPACTION PERCENTAGES SHOWN REFER TO A.A.S.H.T.O. T-180. PROVIDE COMPACTION TEST REPORTS TO CITY INSPECTOR.
5. MECHANICAL COMPACTION NOT ALLOWED BELOW THIS LEVEL.
6. INSTALL METALLIC TAPE OVER FULL LENGTH OF PIPE.
7. EIGHT INCHES (8") OF HIGH EARLY-STRENGTH CONCRETE MAY BE SUBSTITUTED FOR LIMEROCK UPON APPROVAL BY CITY.



STANDARD CONSTRUCTION DETAIL
PAVEMENT CUT AND PATCH
NTS

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R-8

March 2022

1. CONSTRUCTION STANDARDS FOR ALL DRAINAGE SYSTEM COMPONENTS SHALL CONFORM TO THE LATEST EDITION OF THE "FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND AS SPECIFIED HEREIN.
2. ALL STORMWATER PIPES AND STRUCTURES SHALL BE INSTALLED ON A FIRM FOUNDATION WITH ALL UNSUITABLE MATERIAL (MUCK, ROCK, COQUINA, ETC.) REMOVED AND REPLACED WITH CLEAN GRANULAR MATERIAL.
3. DEWATERING SHALL BE PROVIDED TO KEEP GROUNDWATER ELEVATION A MINIMUM OF 6 INCHES BELOW THE COMPONENT BEING INSTALLED.
4. ALL PIPES AND STRUCTURES SHALL BE PLACED TRUE TO LINES AND GRADES AS DEPICTED ON THE APPROVED PLANS.
5. ALL PIPE JOINTS SHALL BE PROPERLY HONED AND FILTER FABRIC LINED USING A METHOD TO HOLD THE FABRIC IN PLACE DURING BACKFILL.
6. BACKFILL AND COMPACT TO THE SPRING-LINE (CENTER OF PIPE) ELEVATION AND REQUEST CITY INSPECTION AND APPROVAL BEFORE CONTINUING.
7. ALL WORK COVERED WITHOUT CITY INSPECTION WILL BE REQUIRED TO BE EXCAVATED AND INSPECTED AT THE CONTRACTOR'S EXPENSE.
8. TRENCHES SHALL BE BACKFILLED AND COMPACTED WITH CLEAN GRANULAR MATERIAL IN MAX 6" LIFTS WITH A MINIMUM COMPACTION OF 98 PERCENT (AASHTO-T180) IN PAVED AREAS AND 98 PERCENT (AASHTO-T180) IN UNPAVED AREAS.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT TRENCH COMPACTION TESTS AT POINTS 1' ABOVE THE PIPE AND AT A MAX. 1' VERTICAL INTERVALS TO FINISH GRADE, AT A MAXIMUM SPACING OF 100 FEET, AND TO FURNISH COPIES OF TEST REPORTS PROMPTLY TO THE CITY'S INSPECTOR.
10. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE (RCP), HP PIPE, OR HIGH DENSITY POLYETHYLENE (HDPE) MAY BE USED AS APPROVED BY THE CITY.
11. STORM DRAINAGE PIPES WITHIN PUBLIC RIGHT-OF-WAY SHALL BE A MINIMUM OF TWELVE (12) INCH RCP DIAMETER OR EQUIVALENT.
12. STORM INLETS, MANHOLES, AND CATCH BASINS SHALL BE EITHER Poured IN PLACE OR PRECAST REINFORCED CONCRETE. STRUCTURES SHALL BE REQUIRED AT EACH CHANGE OF PIPE SIZE OR CHANGE IN PIPE DIRECTION.
13. ALL SIDE DRAIN AND CROSS DRAIN MITERED ENDS PLACED WITHIN FDOT RIGHT-OF-WAY SHALL BE CAST-IN-PLACE ONLY. ALL MITERED ENDS SHALL MEET REQUIREMENTS OF THE MOST CURRENT FDOT DESIGN STANDARDS AND FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.



STANDARD CONSTRUCTION DETAIL

STORM DRAINAGE CONSTRUCTION NOTES

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ST-1A

March 2022

13A. STORM INLETS SHALL BE SPACED IN SUCH A MANNER AS TO ACCEPT ONE HUNDRED (100) PERCENT OF THE DESIGN STORM RUNOFF.

14. WET DETENTION PONDS SHALL BE EIGHT (8) FEET MINIMUM TO TWELVE (12) FEET MAXIMUM DEPTH BELOW THE DESIGN LOW OR NORMAL WATER STAGE.

15. MAXIMUM DISTANCES BETWEEN INLETS AND/OR JUNCTION BOXES:

<u>PIPES SIZE (INCHES)</u>	<u>LENGTH OF RUN (FEET)</u>
15 OR LESS	150
18	300
24 OR GREATER	400

16. ALL SWALES, DITCHES, AND DRY RETENTION POND SIDE SLOPES SHALL BE NO STEEPER THAT 4:1 (H:V) AND SHALL BE SODDED.

17. ALL RETENTION POND BACKSLOPES SHALL BE NO STEEPER THAN 3:1 (H:V) AND SHALL BE SODDED.

18. NORMAL ROADSIDE SWALES SHALL BE CONSTRUCTED TO A MAXIMUM DEPTH OF 18" BELOW THE OUTSIDE EDGE OF PAVEMENT OR CONCRETE CURB.

19. CONCRETE EROSION CONTROL MUST BE PROVIDED WHERE SWALES OR CULVERTS INTERCEPT DRAINAGE DITCHES.

20. A MINIMUM ONE FOOT (1') FREEBOARD ABOVE THE DESIGN HIGH WATER ELEVATION IS REQUIRED AT ALL POINTS AROUND WET DETENTION PONDS.

21. A MINIMUM OF TWELVE INCHES (12") FREEBOARD ABOVE THE DESIGN HIGH WATER ELEVATION IS REQUIRED AT ALL POINTS AROUND DRY RETENTION PONDS.

22. POND INFLOW SHALL GENERALLY BE CONSTRUCTED WITH REINFORCED CONCRETE AND SHALL BE SUBJECT TO THE APPROVAL OF THE CITY.

23. OUTLET STRUCTURES ARE REQUIRED ON ALL PONDS. ALL OUTLET STRUCTURES SHALL BE PERMANENT CONCRETE OVERFLOW WEIRS OR CONCRETE OUTLET CONTROL STRUCTURES. NO SODDED WEIRS OR OTHER NON-PERMANENT OVERFLOW STRUCTURES SHALL BE ALLOWED.

24. SOIL EROSION CONTROL MEASURES SATISFACTORY TO THE CITY, SHALL BE EMPLOYED DURING CONSTRUCTION AND UPON COMPLETION OF THE POND.

25. THE CITY MAY REQUEST THAT THE DEVELOPER SUBMIT A REPORT BY A QUALIFIED HYDROLOGIST ON THE IMPACT THE POND WILL HAVE ON NEIGHBORING WATER TABLE ELEVATIONS BOTH DURING CONSTRUCTION AND AFTER POND COMPLETION. THE CITY MAY REQUIRE GROUNDWATER MONITORING DURING THE POND EXCAVATION.



STANDARD CONSTRUCTION DETAIL

STORM DRAINAGE
CONSTRUCTION NOTES

INDEX

ST-1B

March 2022

26. ADEQUATE MAINTENANCE ACCESS AS APPROVED BY THE CITY SHALL BE PROVIDED AROUND THE ENTIRE PERIMETER OF ALL PONDS AND ASSOCIATED OUTFALLS DISCHARGING INTO AND OUT OF PONDS.
27. IN GENERAL, ALL RETENTION/DETENTION PONDS MUST BE CONSTRUCTED PRIOR TO ANY ROAD, PARKING LOT, OR BUILDING CONSTRUCTION COMMENCING OR AS CURRENT PERMIT CONDITIONS DICTATE.
28. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ANY DEWATERING PERMITS THAT MAY BE REQUIRED.
29. CULVERTS CROSSING RIGHT-OF-WAYS SHALL EXTEND FROM RIGHT-OF-WAY LINE TO RIGHT-OF-WAY LINE UNDER THE ROADWAY.
30. ALL STORMWATER DISCHARGE FROM RETENTION/DETENTION PONDS ARE REQUIRED TO BE CHANNLED INTO DEFINED DRAINAGE PATHS TO EXISTING WATER BODIES, WETLANDS, DITCHES, ETC.
31. THE CITY REQUIRES THE DEVELOPER TO TELEWISE ANY AND ALL STORM SEWER PIPE SYSTEMS PRIOR TO ANY FINAL ACCEPTANCE BY THE CITY.
32. ALL STORM SEWER PIPE SYSTEMS SHALL BE TELEVISED IN THE PRESENCE OF THE CITY INSPECTOR AND COPIES OF THE VIDEO AND WRITTEN REPORT SHALL BE SUBMITTED IN DIGITAL FORMAT TO THE INSPECTOR AT LEAST FORTY EIGHT (48) HOURS PRIOR TO REQUESTING FINAL INSPECTIONS. ANY DEFECTS NOTED SHALL BE CORRECTED PRIOR TO ACCEPTANCE BY THE CITY.
33. ALL STORM SEWER PIPES, PRIOR TO ACCEPTANCE BY THE CITY, SHALL BE TELEVISED BY A REPUTABLE COMPANY THAT ENGAGES IN THIS TYPE OF WORK. THE VIDEO SHALL BE IN DIGITAL FORMAT WITH HIGH QUALITY STANDARD RESOLUTION USING A CAMERA WITH SUITABLE LIGHTING TO ALLOW A CLEAR AND FOCUSED PICTURE OF THE ENTIRE INSIDE PIPE CIRCUMFERENCE. THE VIDEO SHALL BE NON-STOP WITH AUDIO DESCRIBING WHAT IS BEING VIEWED. WRITTEN LOGS DESCRIBING THE CONDITION OF THE LINES SHALL ACCOMPANY THE DIGITAL SUBMISSION TO THE CITY.

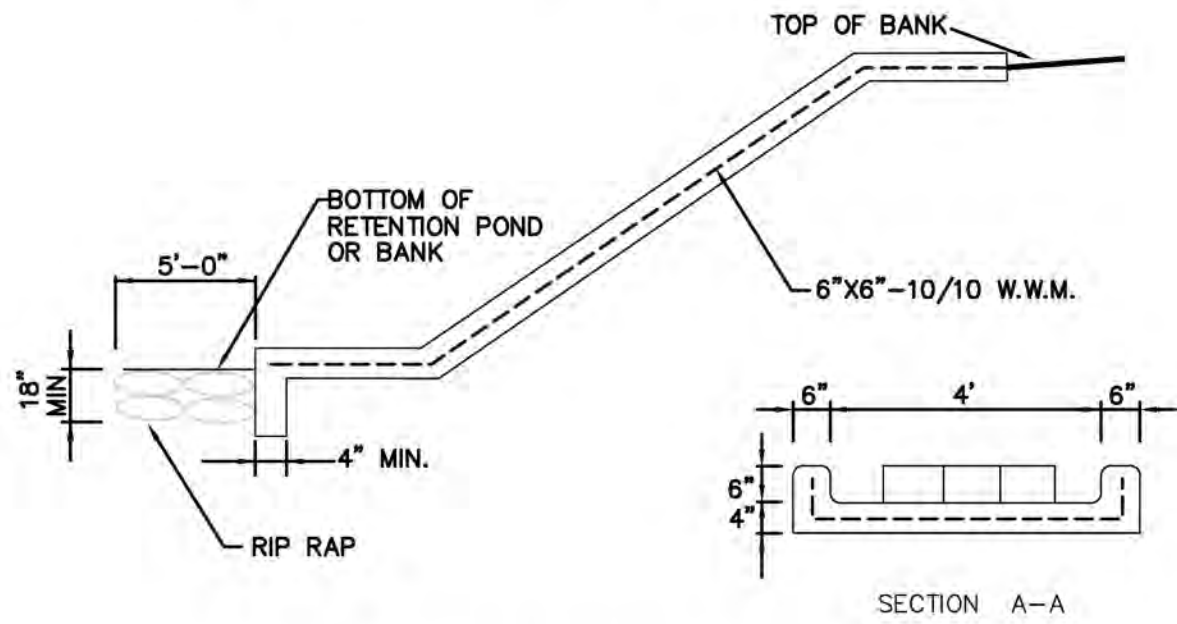
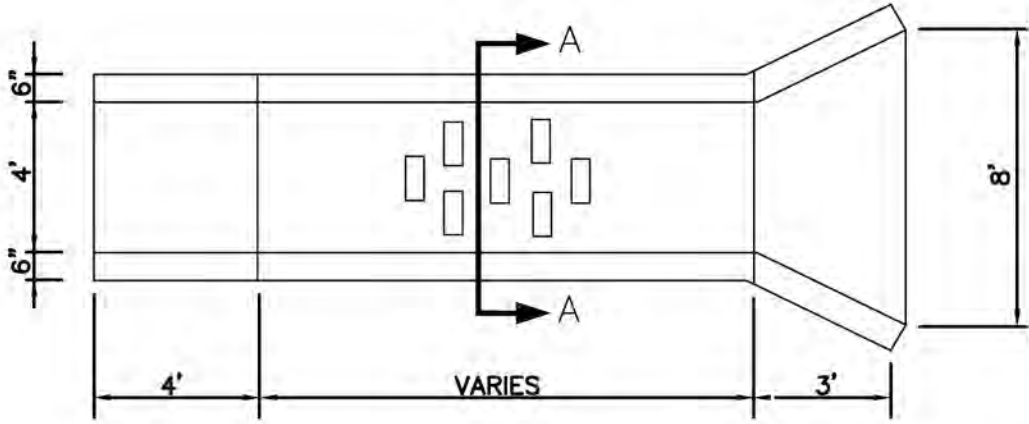


STANDARD CONSTRUCTION DETAIL
 STORM DRAINAGE
 CONSTRUCTION NOTES

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March 2022

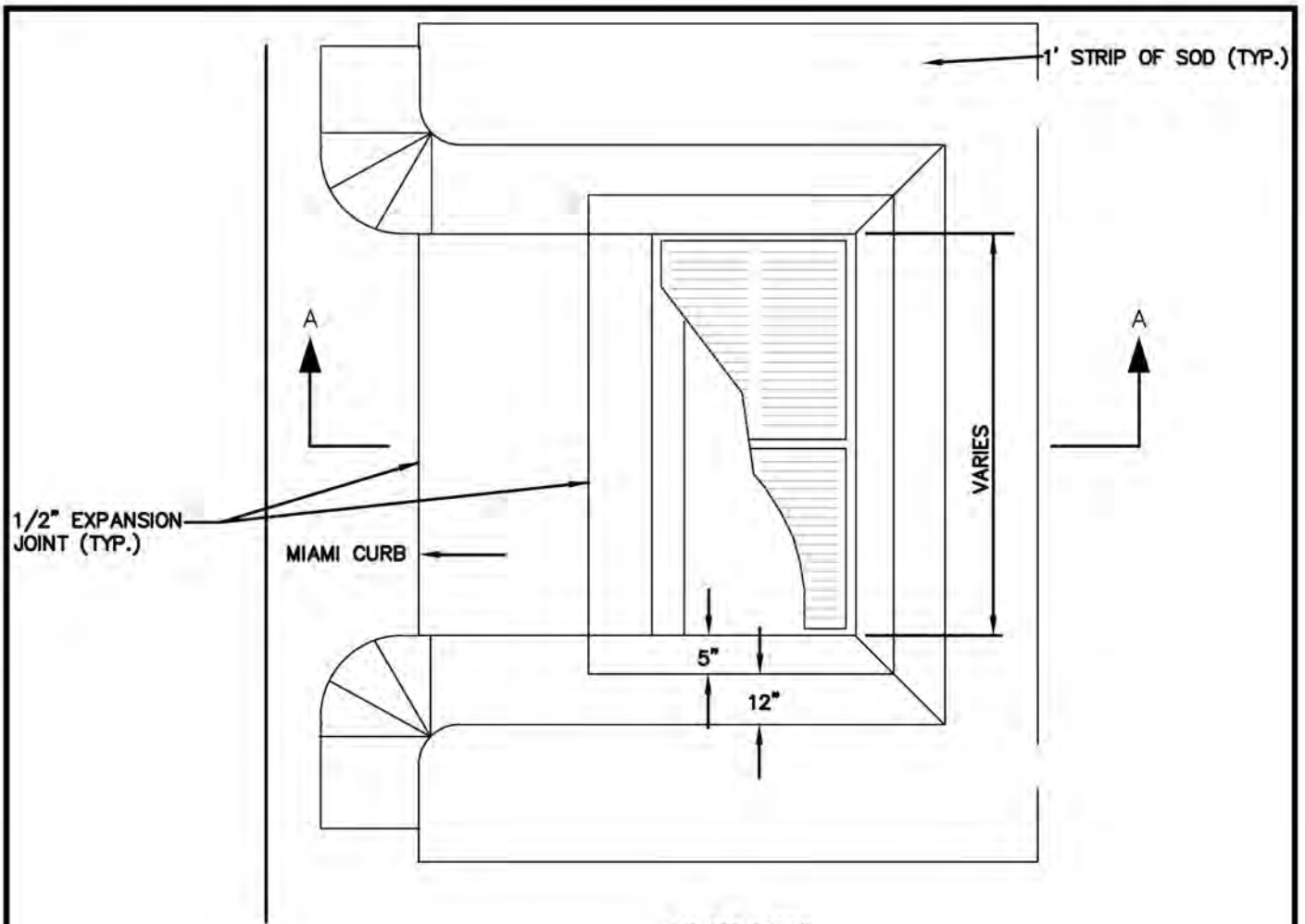


1. CONCRETE SPILLWAY TO BE 28 DAY, 3000 P.S.I., 4" THICK.
2. PLACE SOD AT LEAST 5' AROUND ALL STRUCTURE EDGES ABOVE STANDING WATER.
3. ALL EXPOSED CORNERS TO BE ROUNDED @ 3/4" MINIMUM RADIUS.

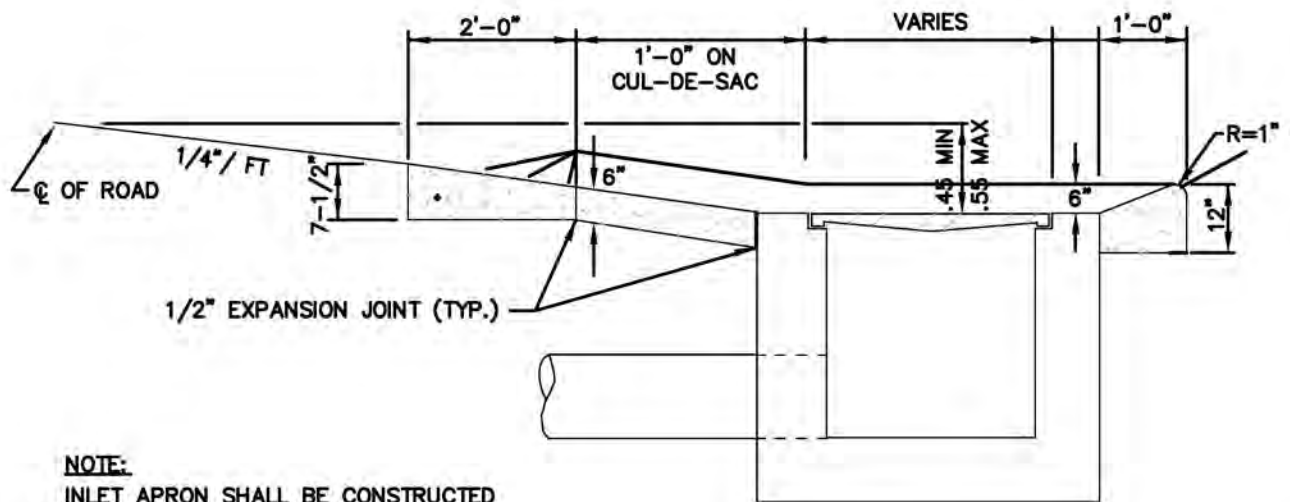


STANDARD CONSTRUCTION DETAIL
CONCRETE SPILLWAY
NTS.

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March 2022



PLAN VIEW



SECTION A-A

NOTE:
 INLET APRON SHALL BE CONSTRUCTED
 OF 28 DAY 3000 PSI CONCRETE

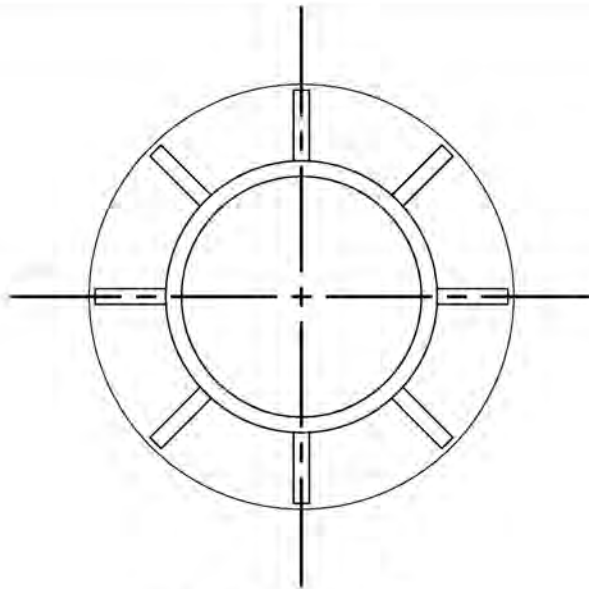


STANDARD CONSTRUCTION DETAIL
 STORM INLET APRON
 NTS

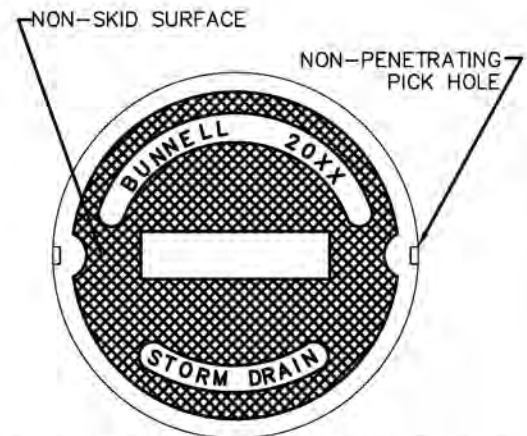
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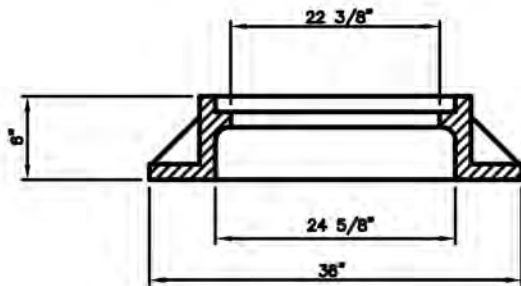
RING TOP VIEW



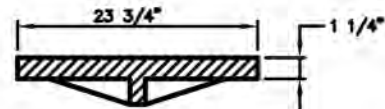
XX = USE CURRENT YEAR OF MANUFACTURE

COVER DETAIL

N.T.S.



RING SECTION



COVER SECTION

NOTE: YEAR STAMP TO MATCH CASTING YEAR

U. S. FOUNDRY 195E OR APPROVED EQUAL

COVER TYPE	LOAD RATING	COVER WEIGHT	TOTAL WEIGHT
E	HEAVY DUTY	130	325

FOR MANHOLES IN FL. D.O.T. R/W OR AS DETERMINED BY THE CITY. THE COVER TYPE SHALL BE - BJ HEAVY DUTY 200 LBS W/ ORS.

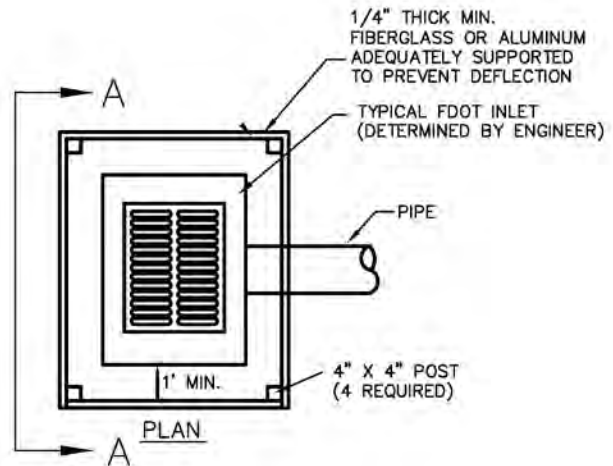
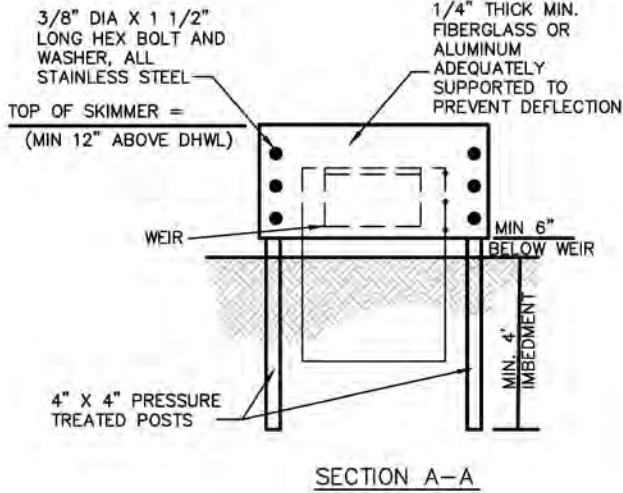


STANDARD CONSTRUCTION DETAIL
MANHOLE RING AND COVER DETAIL
N.T.S.

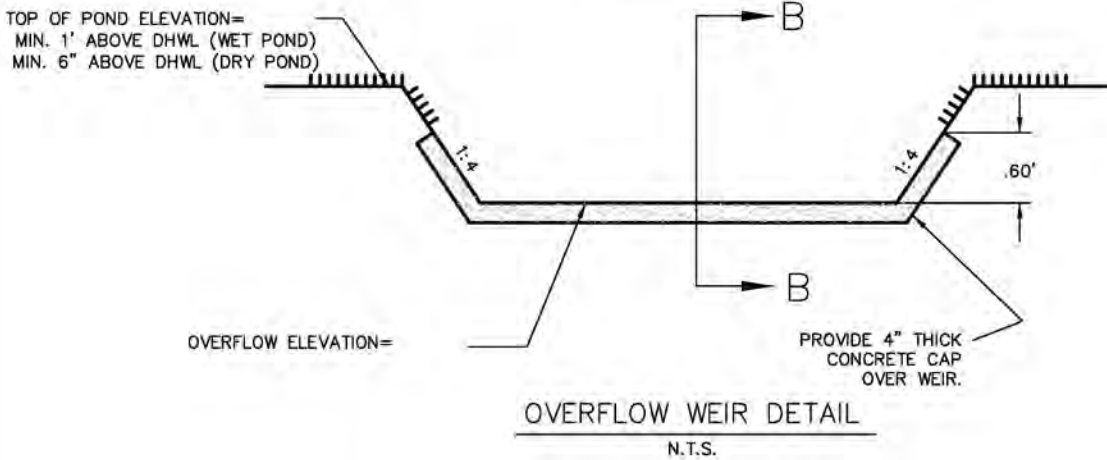
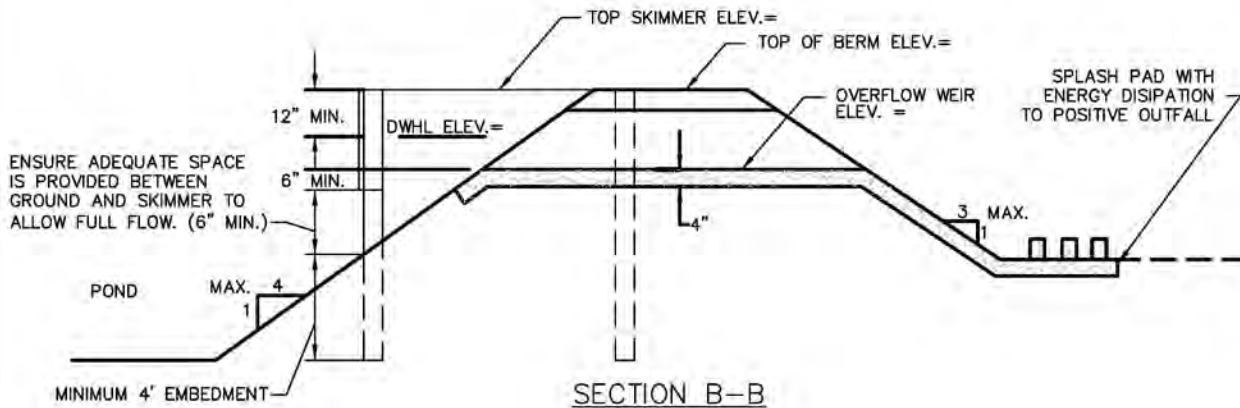
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ST-6

March 2022



CONTROL STRUCTURE



NOTE:
PROVIDE DESIGN DATA WHERE INDICATED (=)



STANDARD CONSTRUCTION DETAIL
SKIMMER DETAIL
NTS

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ST-8

March 2022

GENERAL NOTES
WATER SYSTEM CONSTRUCTION

1. THE CITY'S PUBLIC UTILITIES DEPARTMENT SHALL BE NOTIFIED PRIOR TO BEGINNING ANY WATER SYSTEM CONSTRUCTION.
2. DEWATERING SHALL BE PROVIDED TO KEEP GROUNDWATER ELEVATION A MINIMUM OF 6 INCHES BELOW WATER MAIN BEING LAID.
3. ALL WATER MAINS SHALL BE LAID ON A FIRM FOUNDATION WITH ALL UNSUITABLE MATERIAL (MUCK, ROCK, COQUINA, ETC.) REMOVED AND REPLACED WITH CLEAN GRANULAR MATERIAL.
4. TRENCHES SHALL BE BACKFILLED WITH CLEAN GRANULAR MATERIAL IN MAX. 1' LIFTS WITH A MINIMUM COMPACTION OF 98 PERCENT (AASHTO-T180) IN PAVED AREAS OR IN UNPAVED AREAS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT TRENCH COMPACTION TESTS BE PROVIDED AT POINTS 1 FOOT ABOVE THE PIPE AND AT 1 FOOT VERTICAL INTERVALS TO FINISH GRADE, AT A MINIMUM SPACING OF EVERY 300 FEET, AND TO FURNISH COPIES OF TEST REPORTS PROMPTLY TO THE CITY UTILITIES DEPARTMENT.
6. METALLIZED PIPE LOCATION TAPE SHALL BE LOCATED 15 INCHES BELOW FINISHED GRADE OR AS SPECIFIED BY MANUFACTURER FOR ALL PVC LINES. MARKER TAPE SHALL BE USED ON ALL DUCTILE IRON PIPE.
7. WATER SERVICES (SINGLE 1" OR DOUBLE 2") SHALL BE POLYETHYLENE TUBING (BLUE IN COLOR) ; POLYBUTYLENE SHALL NOT BE ALLOWED.
8. ALL WATER SERVICE ENDINGS SHALL BE MARKED WITH 4" X 4" LUMBER (PRESSURE TREATED) EXTENDING 4 FEET ABOVE GRADE, WITH WATER SERVICES SECURED 24" ABOVE THE GROUND. WIRE TIES SHALL BE USED TO SECURE THE CURB STOPS TO SUPPORT POSTS.
9. WATER VALVES SHALL BE PLACED AT ALL STREET INTERSECTIONS AND AT MAXIMUM SPACINGS OF 500 FEET.
10. AT ALL WATER MAIN TEES AND CROSSES, VALVES SHALL BE INSTALLED ON ALL LEGS EXCEPT ONE.
11. APPROVED WATER VALVE TYPES ARE THE FOLLOWING:
 - A. STANDARD GATE VALVES LESS THAN 48" DIAMETER RESILIENT SEAT GATE VALVES (AWWA C-509 OR C-515).
 - B. TAPPING VALVES AND MECHANICAL TAPPING SLEEVE SHALL BE STAINLESS STEEL. (AWWA C - 509)



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12. ALL WATER VALVE BOXES SHALL BE ADJUSTED TO FINISH GRADE AND THE LIDS PAINTED BLUE TO MAKE THEM PLAINLY VISIBLE.
13. WATER VALVES SHALL BE COMPLETELY OPENED BY THE CONTRACTOR UPON FINAL ACCEPTANCE OF NEW WATER SYSTEMS IN THE PRESENCE OF UTILITY DEPARTMENT PERSONNEL.
14. HYDRANTS SHALL BE PLACED AT MAXIMUM SPACINGS IN ACCORDANCE WITH NFPA (LATEST EDITION). SPECIAL EXCEPTIONS MAY BE ALLOWED BY FIRE AUTHORITY HAVING JURISDICTION. ALL WATER MAIN TO WHICH HYDRANTS ARE CONNECTED SHALL BE 6 INCHES MINIMUM.
15. ALL FIRE HYDRANTS SHALL BE CONSTRUCTED TO MAKE THEM EASILY ACCESSIBLE TO FIRE PERSONNEL IN CASE OF FIRE. THE MAIN NOZZLE CONNECTION SHOULD ALWAYS FACE THE STREET AND BE 18-24" ABOVE GRADE.
16. AS STANDARD PRACTICE, WATER MAINS SHALL BE INSTALLED 4 FEET OFF THE BACK OF CURB OR AS APPROVED BY THE CITY.
17. ALL WATER MAINS AND APPURTENANCES SHALL BE NSF-APPROVED FOR POTABLE WATER USE, AND SHALL HAVE A MINIMUM COVER OF 36 INCHES. IN SPECIAL CASES WHERE IT IS IMPOSSIBLE OR INAPPROPRIATE TO PROVIDE ADEQUATE COVER, DUCTILE IRON CLASS 350 OR CONCRETE ENCASUREMENT MAY BE USED AS APPROVED BY THE CITY.
18. ALL PROPOSED WATER MAINS SHALL BE FLUSHED WITH A FULL PIPE DIAMETER, DISINFECTED AND BACTERIOLOGICALLY CLEARED FOR SERVICE IN ACCORDANCE WITH LATEST AWWA STANDARDS AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS.
19. WATER MAINS SHALL BE AWWA C-900/C-905 CL 150, OR D.I.P. CLASS 350 STANDARD CEMENT LINED.
20. UPON CONSTRUCTION COMPLETION AND ACCEPTANCE OF THE SYSTEM, IT SHALL BE THE DESIGN ENGINEER'S RESPONSIBILITY TO ENSURE THAT THE SYSTEM IS PROPERLY CERTIFIED AND ACCEPTED BY THE REGULATORY AGENCIES, AND THAT CERTIFIED AS-BUILT DRAWINGS ARE PROVIDED TO THE CITY PRIOR TO PAVING AND AFTER BASE, BEFORE ANY USE OF THE SYSTEM. PROVIDE THREE (3) COPIES AS WELL AS A CD OF AUTOCAD DRAWINGS AND PDF FILES OF EACH INDIVIDUAL SHEET. CITY TO APPROVE VERSION OF AUTOCAD.
21. MEGALUG OR EQUIVALENT, RESTRAINED JOINT SYSTEM MAY BE USED ON ALL RESTRAINED FITTINGS, VALVES, ETC. MINIMUM DEPTH OF BURY ON PIPES NOT MEETING REQUIRED COVER REQUIREMENTS SHALL FOLLOW THE MOST RECENT DIPRA THRUST RESTRAINT DESIGN GUIDELINES.



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22. WATER SYSTEMS SHALL BE PRESSURE TESTED AT 150 PSI STATIC PRESSURE FOR A PERIOD OF 2 HOURS PER AWWA STANDARDS. TESTS SHALL BE CONDUCTED BEFORE FINAL PAVING AND AFTER LIME ROCK BASE, AND IN THE PRESENCE OF THE CITY'S INSPECTOR. MAXIMUM PRESSURE LOSS SHALL BE 5 PSI ON THE GAUGE.
23. ALL WATER SERVICES SHALL BE MARKED WITH A "W" SAWCUT INTO THE CURB AND BY METAL TABS SET INTO THE PAVEMENT.
24. ALL WATER VALVES AND BLOW-OFFS SHALL BE MARKED WITH A "V" SAWCUT INTO THE CURB AND BY METAL TABS SET INTO THE PAVEMENT. LOCATION OF METAL TABS IN INCHES FROM EDGE OF PAVEMENT SHALL EQUAL DISTANCE IN FEET FROM EDGE OF PAVEMENT TO VALVE.
25. UNIFLANGE 1300 SERIES PIPE RESTRAINTS AS MANUFACTURED BY FORD OR APPROVED EQUAL MAY BE USED AS APPROPRIATE FOR RESTRAINING IN-LINE PRESSURE PIPE EACH SIDE OF PIPE JOINT. AS REQUIRED BY RESTRAINT TABLE.
26. TRACING WIRE SHALL BE INSTALLED IN ACCORDANCE WITH UTILITY PIPE LOCATION MATERIALS DETAIL.
27. NO GALVANIZED PIPE, FITTINGS, ETC. ARE ACCEPTED.
28. ALL WATER METER BOXES SHALL BE INSTALLED AT THE RIGHT OF WAY LINE ONLY REGARDLESS OF SIZE.
29. SUBMIT ASSEMBLY CERTIFICATION FOR ALL BACKFLOW PREVENTERS TO THE CITY'S UTILITIES DEPARTMENT BEFORE FINAL INSPECTION.
30. PIPING FOR RAW WATER SHALL BE BLUE FOR ABOVE GROUND PIPING, BURIED PVC PIPING SHALL BE BLUE WITH WHITE COLOR BACKGROUND LOCATOR TAPE PLACED DIRECTLY ON TOP OF THE PIPE AND AT 12" TO 18" ABOVE THE PIPE. THE TAPE SHALL CONTINUOUSLY READ "CAUTION - RAW WATER MAIN BURIED BELOW" OR WHITE WITH LOCATOR TAPE PLACED 12" TO 18" ABOVE THE TOP OF THE PIPE.
31. SEE CHART BELOW FOR WATERMAIN SIZE AND MATERIALS.

M A T E R I A L S		
DIAMETER	MATERIAL	STANDARD
2" - 4"	PVC 1120 / SDR 21	ASTM D 2241
> 4" - 12"	PVC 1120 / DR-18	AWWA C 900
> 4" - 12" DEDICATED FIRE LINE	PVC 1120 / DR-18	AWWA C 900
14" - 36" (16" - 24" → DR - 18) (30" - 36" → DR - 18)	PVC 1120	AWWA C 905
ALL SIZES	HDPE DIPS DR 11	ASTM F 714

NOTE: PVC PIPE COLOR SHALL BE BLUE FOR WATER MAIN, AND LAVENDER FOR REUSE MAIN

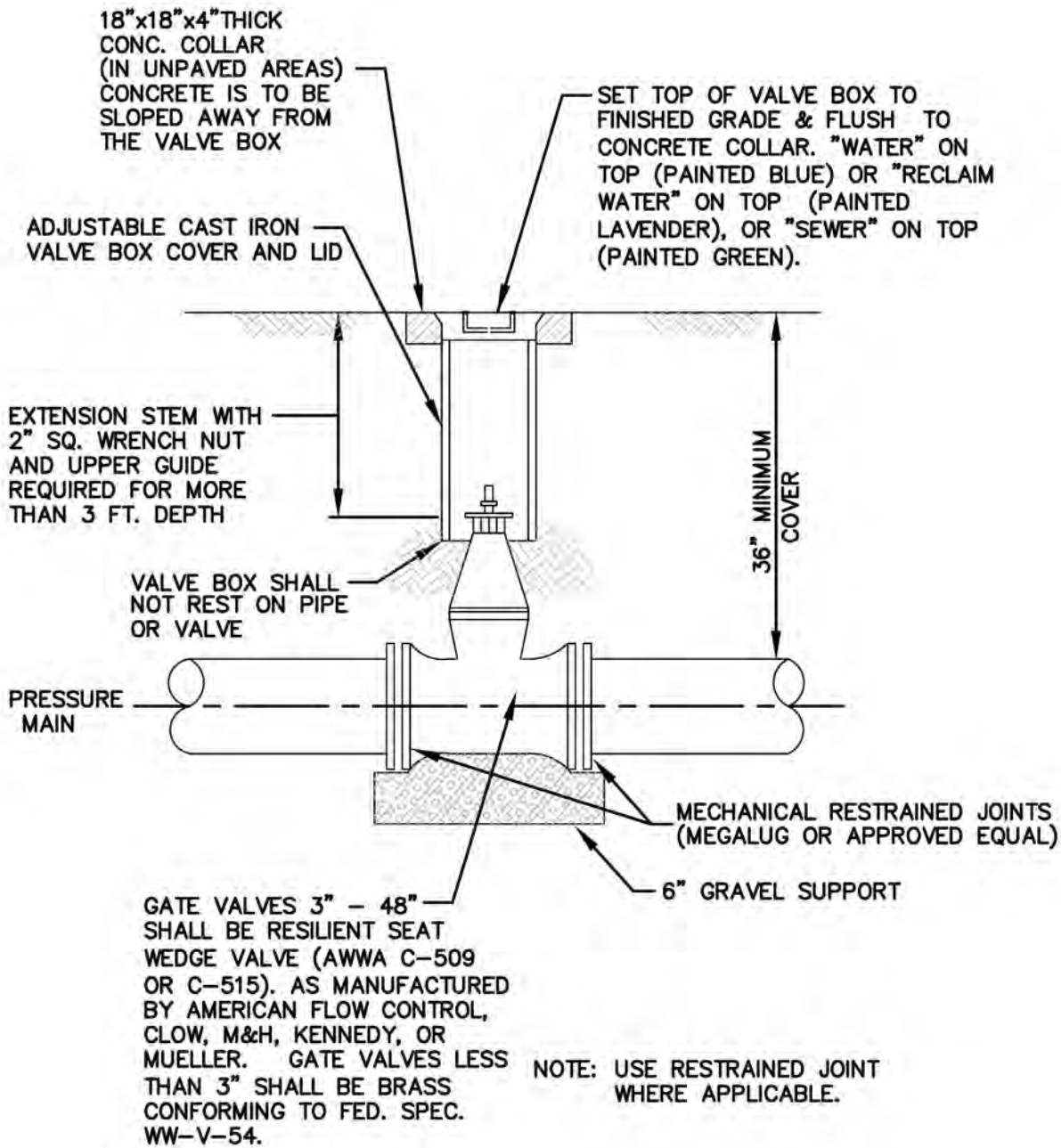


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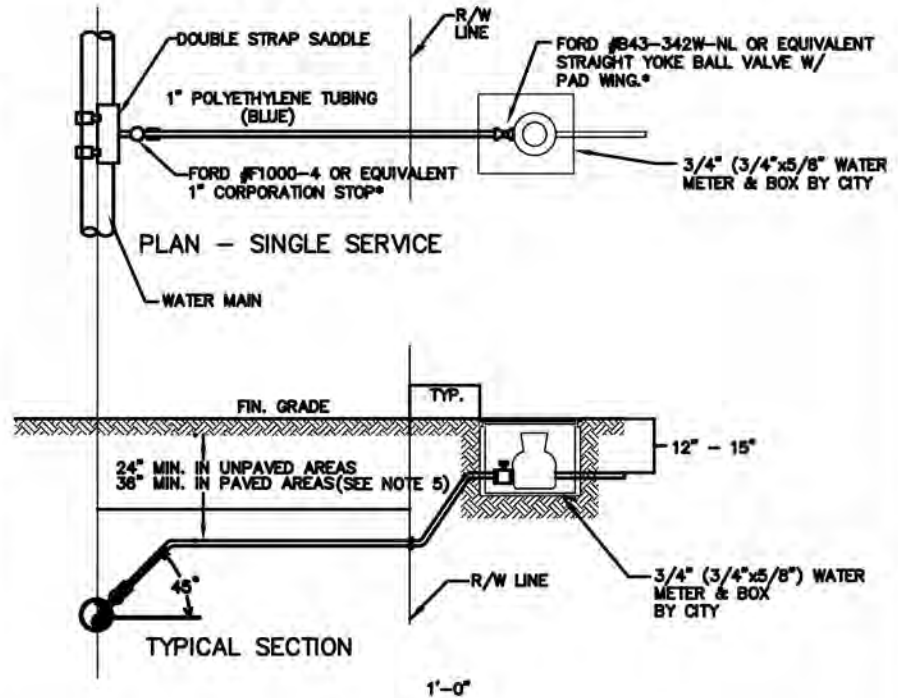
STANDARD CONSTRUCTION DETAIL
 GATE VALVE AND VALVE BOX
 NTS.

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VALVE SCHEDULE FORD OR EQUIVALENT	
WATER SERVICES	
VALVES AT MAIN	
1"	F1000-4
1 1/2"	B81-666 (REQ. C84-66 PACK JOINT COUPLING)
2"	B81-777 (REQ. C84-77 PACK JOINT COUPLING)
VALVES AT METER	
1"	B43-342W-NL
2"	BFA43-777W-NL
REUSE SERVICES	
VALVES AT MAIN AND R/W LINE	
1"	B43-444W-NL
2"	BF43-777W-NL



NOTES:

1. PE TUBING SHALL BE 200 PSI, NSF APPROVED, SDR 9, MEETING ASTM D1248. TUBING SHALL BE ENDOT ENDOPURE OR APPROVED EQUAL.
2. REDUCED PRESSURE BACKFLOW PREVENTERS ARE REQUIRED FOR ALL COMMERCIAL SERVICES. TO BE INSTALLED BY A CERTIFIED TECHNICIAN AT OWNERS EXPENSE
3. ALL SERVICE TAPS SHALL BE NO CLOSER THAN 2'-0" STAGGERED INTERVAL NOR WITHIN 2'-0" OF BELL OR SPIGOT ENDS.
4. METERS 3" AND LARGER SHALL BE PLACED IN A VAULT TO BE CONSTRUCTED BY DEVELOPER IN ACCORDANCE WITH LDC.
5. IN AREAS TO BE PAVED PROVIDE A 2" MIN. PVC SCHEDULE 40 SLEEVE FOR PE-TUBING. SLEEVE SHALL EXTEND A MIN. OF 2' BEHIND BACK OF CURB AT EACH SIDE OF ROAD.
6. ALL IRRIGATION SERVICES (WATER) MUST HAVE AN APPROVED BACKFLOW PREVENTION DEVICE INSTALLED ON CUSTOMERS SIDE OF WATER METER. THE CUSTOMER IS RESPONSIBLE FOR INSTALLATION AND CERTIFICATION COST. A COPY OF THE CERTIFICATION MUST BE SENT TO THE CITY UTILITIES DEPARTMENT, PRIOR TO FINAL INSPECTION
7. WATER METERS INSTALLED IN AREAS SERVED BY RECLAIMED WATER OR AN ALTERNATE IRRIGATION SUPPLY SHALL BE EQUIPPED WITH DUAL CHECK BACKFLOW PREVENTERS.



STANDARD CONSTRUCTION DETAIL
WATER LATERAL SERVICE
NTS

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March 2022

SCHEDULE OF LENGTHS OF RESTRAINED PVC PIPE (FT.)					
FITTING	90° BEND	45° BEND	22.5° BEND	11.25° BEND	TEE OR DEAD END
PIPE SIZE (IN.) :					
4"	21	18	18	18	47
6"	30	18	18	18	66
8"	38	18	18	18	86
10"	45	28	18	18	103
12"	53	22	18	18	121
14"	61	26	18	18	140
16"	66	28	18	18	154
18"	73	30	18	18	170
20"	79	33	18	18	186
24"	87	36	18	18	208
30"	102	42	20	18	248

TABLE APPLIES TO PVC PIPE FOR THE FOLLOWING CONDITIONS:
 TEST PRESSURE: 150 PSIG
 SOIL TYPE: SP
 COVER DEPTH: 2.5 FEET
 SAFETY FACTOR: 1.5
 TRENCH TYPE: 3

LENGTHS BETWEEN HEAVY LINES INDICATE ONE FULL LENGTH (18' MIN.) OF PIPE TO BE RESTRAINED.

TABLE SHOWS MINIMUM LENGTH OF PIPE EACH WAY FROM FITTING FOR WHICH RESTRAINT IS REQUIRED.

SCHEDULE OF LENGTHS OF RESTRAINED DIP (FT.)					
FITTING	90° BEND	45° BEND	22.5° BEND	11.25° BEND	TEE OR DEAD END
PIPE SIZE (IN.) :					
4"	21	18	18	18	37
6"	30	18	18	18	52
8"	38	18	18	18	67
10"	45	18	18	18	81
12"	52	22	18	18	94
14"	60	25	18	18	107
16"	66	27	18	18	120
18"	74	31	18	18	132
20"	80	33	18	18	144
24"	92	38	18	18	167
30"	106	44	21	18	199
36"	86	36	18	18	170
42"	95	40	18	18	191
48"	117	43	18	18	212

TABLE APPLIES TO D.I.P. FOR THE FOLLOWING CONDITIONS:
 TEST PRESSURE: 150 PSIG
 SOIL TYPE: SP
 COVER DEPTH: 2.5 FEET
 SAFETY FACTOR: 1.5
 TRENCH TYPE: 2

LENGTHS BETWEEN HEAVY LINES INDICATE ONE FULL LENGTH (18' MIN.) OF PIPE TO BE RESTRAINED.

TABLE SHOWS MINIMUM LENGTH OF PIPE EACH WAY FROM FITTING FOR WHICH RESTRAINT IS REQUIRED.



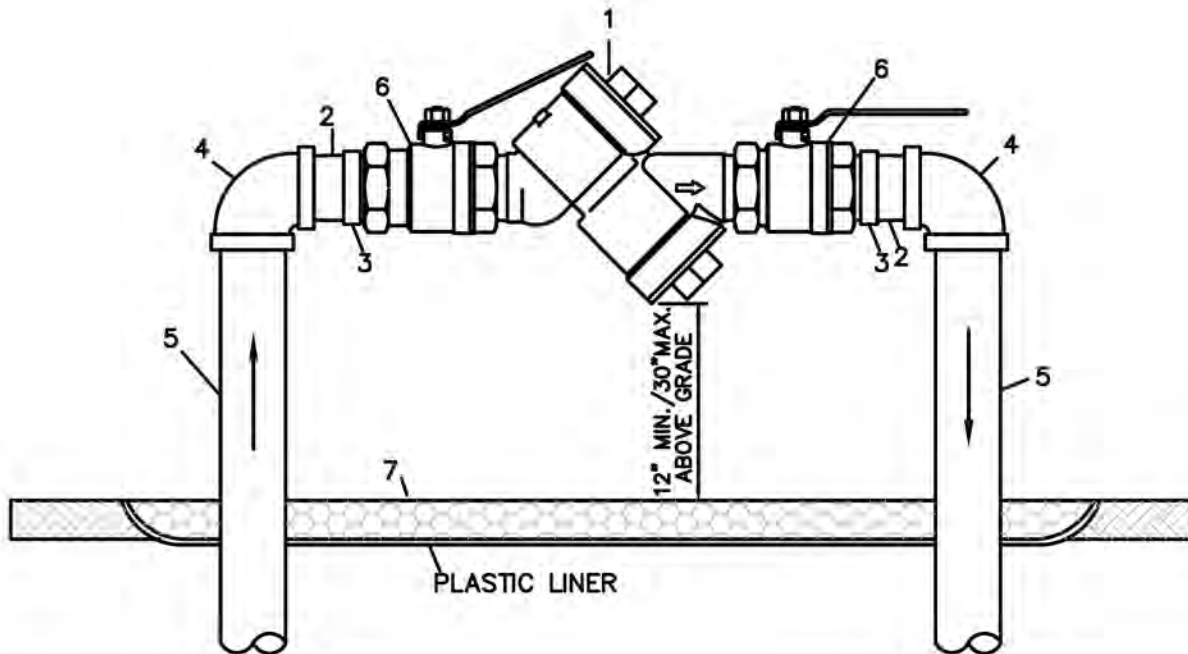
STANDARD CONSTRUCTION DETAIL
 PVC AND D.I.P. RESTRAINED JOINT TABLE

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March 2022

ACCEPTABLE MANUFACTURERS:
ZURN WILKINS MODEL 950XL, WATTS MODEL 009 OR APPROVED EQUAL



M A T E R I A L S		
ITEM	QUANT.	DESCRIPTION
1	1	3/4", 1", 1-1/2" OR 2" BACKFLOW PREVENTER ASSEMBLY
2	2	3/4", 1", 1-1/2" OR 2" x NOM. NIPPLES - BRASS
3	2	3/4", 1", 1-1/2" OR 2" THREADED UNION - BRASS
4	2	3/4", 1", 1-1/2" OR 2" x 90° ELBOWS - BRASS
5	2	3/4", 1", 1-1/2" OR 2" x VARIES RISER - BRASS
6	2	3/4", 1", 1-1/2" OR 2" BALL VALVE - BRASS
7	*	3000 PSI CONCRETE (MIN 4" THICK)

- NOTE:
- FIELD ADJUST AND CUT ITEM 4 TO THE PROPER LENGTH.
 - NO GALVANIZED PIPE OR FITTINGS ALLOWED.
 - A COPY OF THE ASSEMBLY CERTIFICATION SHALL BE SUBMITTED TO THE CITY'S UTILITIES DEPARTMENT BEFORE FINAL INSPECTION
 - ASSEMBLY SHOULD HAVE ADEQUATE LANDSCAPING AROUND IT TO OBSCURE VIEW.
 - ASSEMBLY SHALL BE PAINTED DARK BLUE



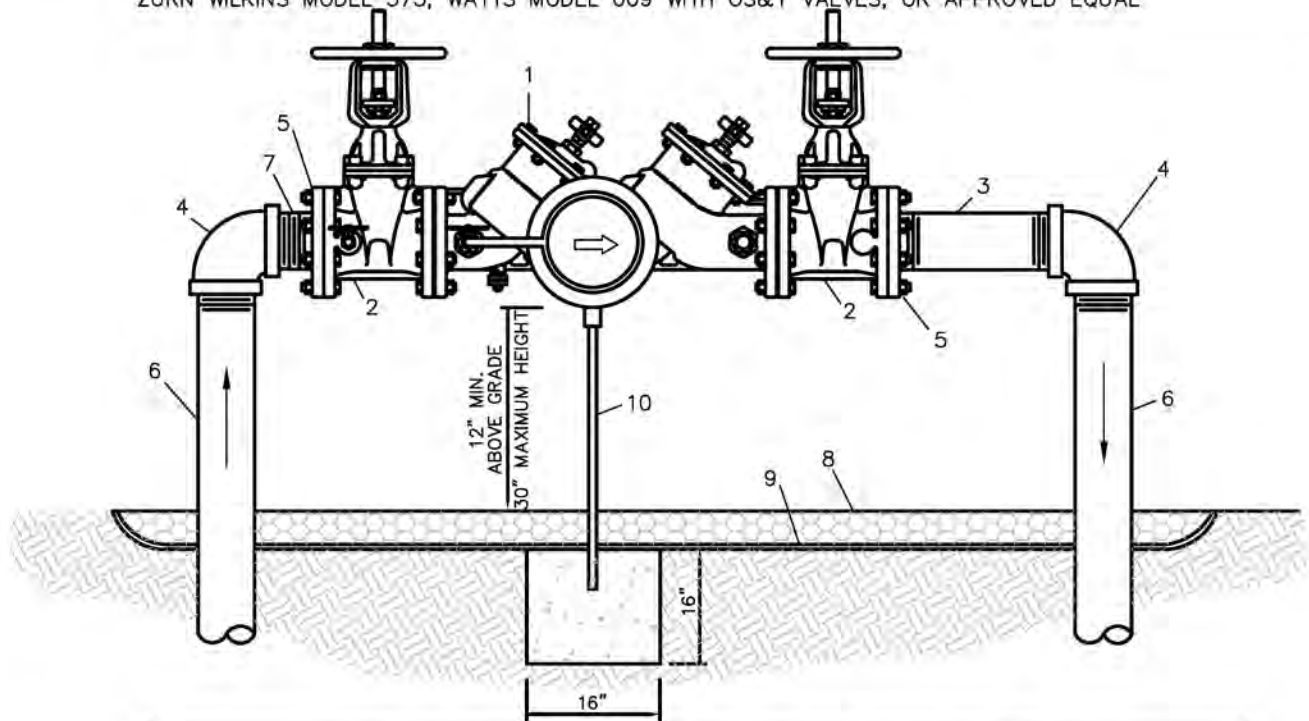
STANDARD CONSTRUCTION DETAIL
DOUBLE CHECK BACKFLOW PREVENTER
(FIRE LINE)
3/4", 1", 1-1/2", OR 2"
NTS.

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March 2022

ACCEPTABLE MANUFACTURERS:
 ZURN WILKINS MODEL 375, WATTS MODEL 009 WITH OS&Y VALVES, OR APPROVED EQUAL



M A T E R I A L S		
ITEM	QUANT.	DESCRIPTION
1	1	3", 4" VALVE, REDUCED PRESSURE BACKFLOW PREVENTER
2	2	3", 4" VALVE, GATE, C.I., F-F
3	1	3", 4" NIPPLE, D.I., OR BRASS (12" LONG) (OPT.)
4	2	3", 4" ELBOW, D.I., OR BRASS - 90°
5	2	3", 4" FLANGE
6	2	3", 4" PIPE, D.I., OR BRASS (42" LONG)
7	1	3", 4" NIPPLE, D.I., OR BRASS (6" LONG)
8	*	3000 P.S.I. CONCRETE SLAB (MIN. 4" THICK)
9	*	PLASTIC LINER
10	1	PIPE SUPPORT / CONCRETE FOUNDATION

NOTE: -FIELD ADJUST AND CUT ITEM 3 TO THE PROPER LENGTH.
 -ASSEMBLY SHALL BE PAINTED DARK BLUE.
 -A COPY OF THE ASSEMBLY CERTIFICATION SHALL BE SUBMITTED TO THE CITY'S UTILITIES DEPARTMENT BEFORE FINAL INSPECTION
 -ASSEMBLY SHOULD HAVE ADEQUATE LANDSCAPING AROUND IT TO OBSCURE VIEW.
 C-900 OR D.I. PIPE AND FITTINGS SHALL BE RESTRAINED. COPPER PIPE AND FITTINGS SHALL BE SWEATED. BRASS PIPE AND FITTINGS SHALL BE THREADED. NO GALVANIZED PIPE OR FITTINGS ALLOWED.



STANDARD CONSTRUCTION DETAIL
 REDUCED PRESSURE BACKFLOW PREVENTER
 (POTABLE WATER) 3" OR 4"

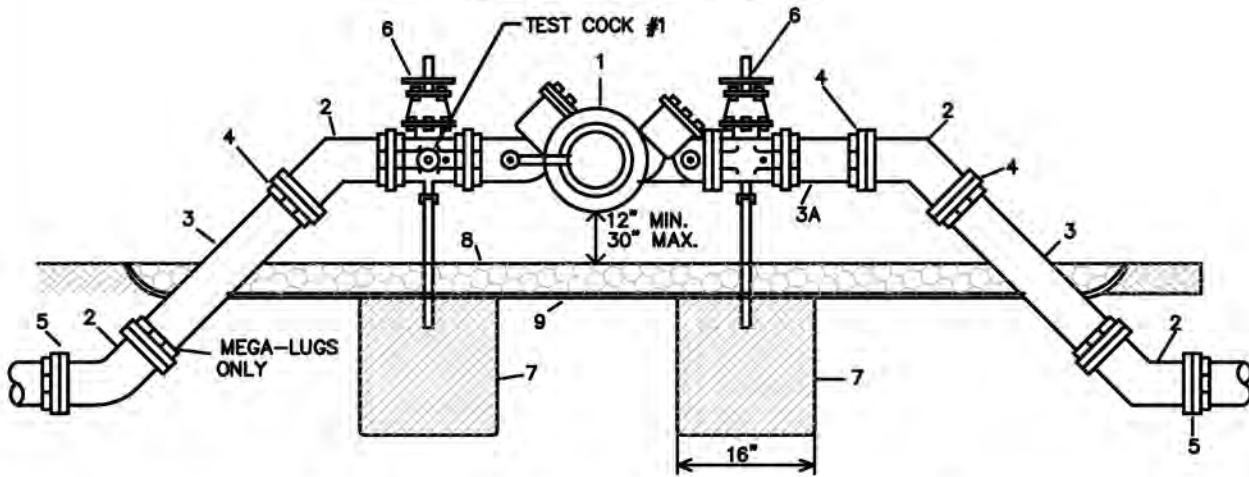
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ACCEPTABLE MANUFACTURERS:
 WILKINS MODEL 975, WATTS MODEL 909 WITH
 OS&Y VALVES OR APPROVED EQUAL



M A T E R I A L S		
ITEM	QUANT.	DESCRIPTION
1	1	6", 8" VALVE, REDUCED PRESSURE BACKFLOW PREVENTER.
2	4	6", 8" BEND -45°
3	2	6", 8" ADAPTER, D.I.P. F - PE
3A	1	6", 8" ADAPTER, D.I.P. F - PE (OPT.)
4	3	6", 8" ADAPTER FLANGE D.I.P.
5	2	6", 8" ADAPTER FLANGE P.V.C. (DR - 18)
6	2	6", 8" VALVE, GATE, C.I., F-F (OS&Y STYLE ONLY)
7	1 or 2	2" IRON PIPE/CONCRETE FOUNDATION
8	*	3000 P.S.I. CONCRETE SLAB (MIN. 4" THICK)
9	*	PLASTIC LINER

- NOTE:
- FIELD ADJUST AND CUT ITEM 3 TO THE PROPER LENGTH.
 - DO NOT INTERCHANGE ITEMS 4 AND 5.
 - ASSEMBLY SHALL BE PAINTED DARK BLUE
 - NO GALVANIZED PIPE OR FITTINGS ALLOWED.
 - A COPY OF THE ASSEMBLY CERTIFICATION SHALL BE SUBMITTED TO THE CITY'S UTILITIES DEPARTMENT BEFORE FINAL INSPECTION
 - ASSEMBLY SHOULD HAVE ADEQUATE LANDSCAPING AROUND IT TO OBSCURE VIEW.



STANDARD CONSTRUCTION DETAIL
 REDUCED PRESSURE BACKFLOW PREVENTER
 (POTABLE WATER) 6" OR 8"

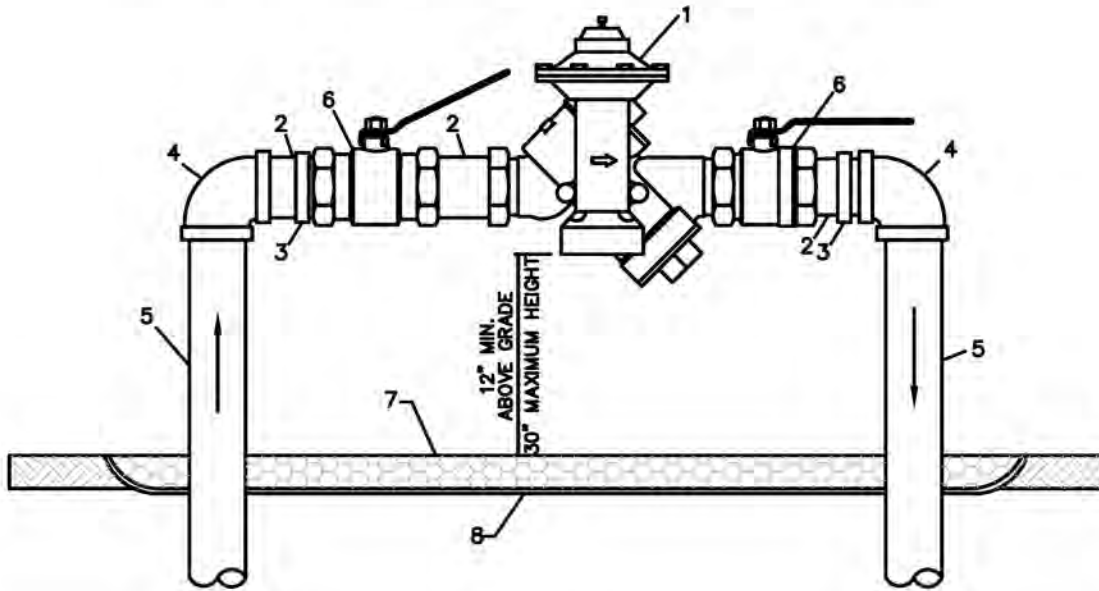
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ACCEPTABLE MANUFACTURERS:
 ZURN WILKINS MODEL 975XL, WATTS MODEL 009 QTS, OR APPROVED EQUAL



M A T E R I A L S		
ITEM	QUANT.	DESCRIPTION
1	1	3/4", 1", 1-1/2" OR 2" BACKFLOW PREVENTER ASSEMBLY
2	3	3/4", 1", 1-1/2" OR 2" x NOM. NIPPLES - BRASS
3	2	3/4", 1", 1-1/2" OR 2" THREADED UNION - BRASS
4	2	3/4", 1", 1-1/2" OR 2" x 90° ELBOWS - BRASS
5	2	3/4", 1", 1-1/2" OR 2" x VARIES RISER - BRASS
6	2	3/4", 1", 1-1/2" OR 2" BALL VALVE
7	*	3000 P.S.I. CONCRETE SLAB (MIN. 4" THICK)
8	*	PLASTIC LINER

- NOTE:
- FIELD ADJUST AND CUT ITEM 4 TO THE PROPER LENGTH.
 - NO GALVANIZED FITTINGS OR PIPE ALLOWED.
 - A COPY OF THE ASSEMBLY CERTIFICATION SHALL BE SUBMITTED TO THE CITY'S UTILITIES DEPARTMENT BEFORE FINAL INSPECTION.
 - ASSEMBLY SHOULD HAVE ADEQUATE LANDSCAPING AROUND IT TO OBSCURE VIEW.
 - ASSEMBLY SHALL BE PAINTED DARK BLUE



STANDARD CONSTRUCTION DETAIL
 REDUCED PRESSURE BACKFLOW PREVENTER
 (POTABLE WATER & IRRIGATION)
 3/4", 1", 1 1/2", OR 2"

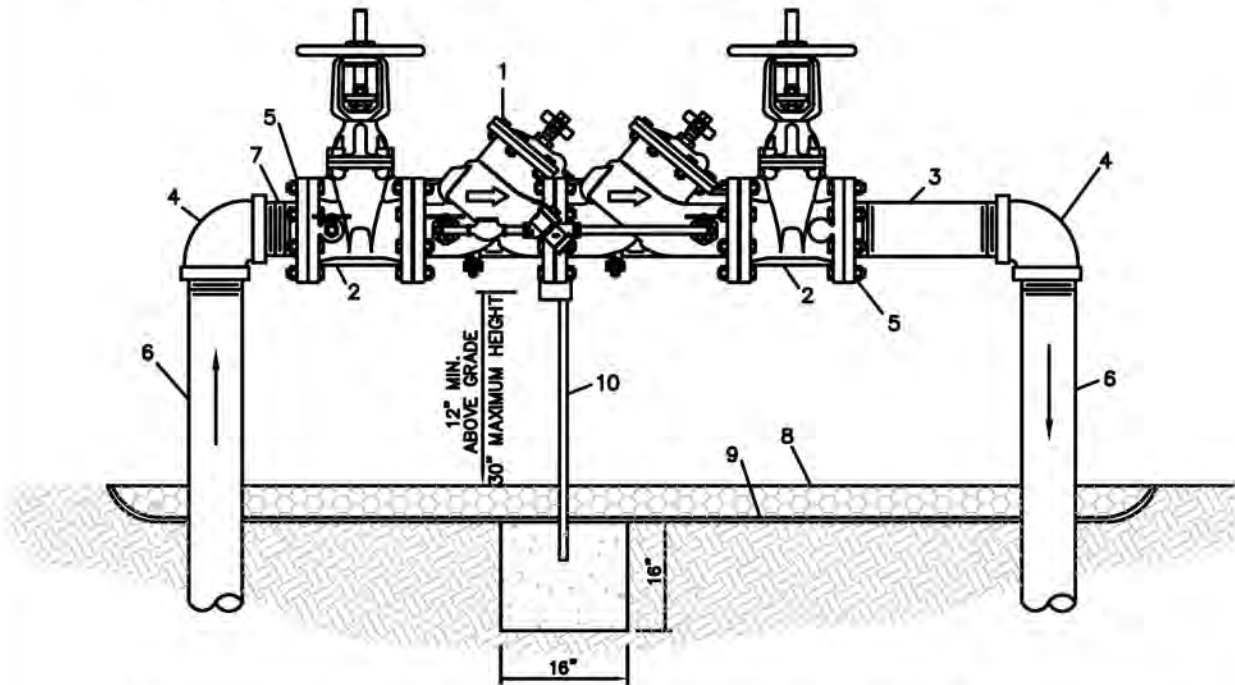
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ACCEPTABLE MANUFACTURERS:
ZURN WILKINS MODEL 350ADA, WATTS MODEL 009 OS&Y, OR APPROVED EQUAL



M A T E R I A L S		
ITEM	QUANT.	DESCRIPTION
1	1	4", 6", 8", 10" VALVE, DOUBLE CHECK BACKFLOW PREVENTER
2	2	4", 6", 8", 10" VALVE, GATE, C.I., F-F
3	1	4", 6", 8", 10" NIPPLE, BRASS, OR D.I., (12" LONG) (OPT.)
4	2	4", 6", 8", 10" ELBOW, BRASS, OR D.I., - 90°
5	2	4", 6", 8", 10" FLANGE, STEEL PIPE, SCREW-TYPE
6	2	4", 6", 8", 10" PIPE, BRASS, OR D.I. (42" LONG)
7	1	4", 6", 8", 10" NIPPLE, BRASS, OR D.I. (6" LONG)
8	*	3000 P.S.I. CONCRETE SLAB (MIN. 4" THICK)
9	*	PLASTIC LINER
10	1	PIPE SUPPORT / CONCRETE FOUNDATION

- NOTE:
- FIELD ADJUST AND CUT ITEM 6 TO THE PROPER LENGTH.
 - NO GALVANIZED FITTINGS OR PIPE ALLOWED.
 - A COPY OF THE ASSEMBLY CERTIFICATION SHALL BE SUBMITTED TO THE CITY'S UTILITIES DEPARTMENT BEFORE FINAL INSPECTION.
 - ASSEMBLY SHOULD HAVE ADEQUATE LANDSCAPING AROUND IT TO OBSCURE VIEW.
 - ASSEMBLY SHALL BE PAINTED DARK BLUE.

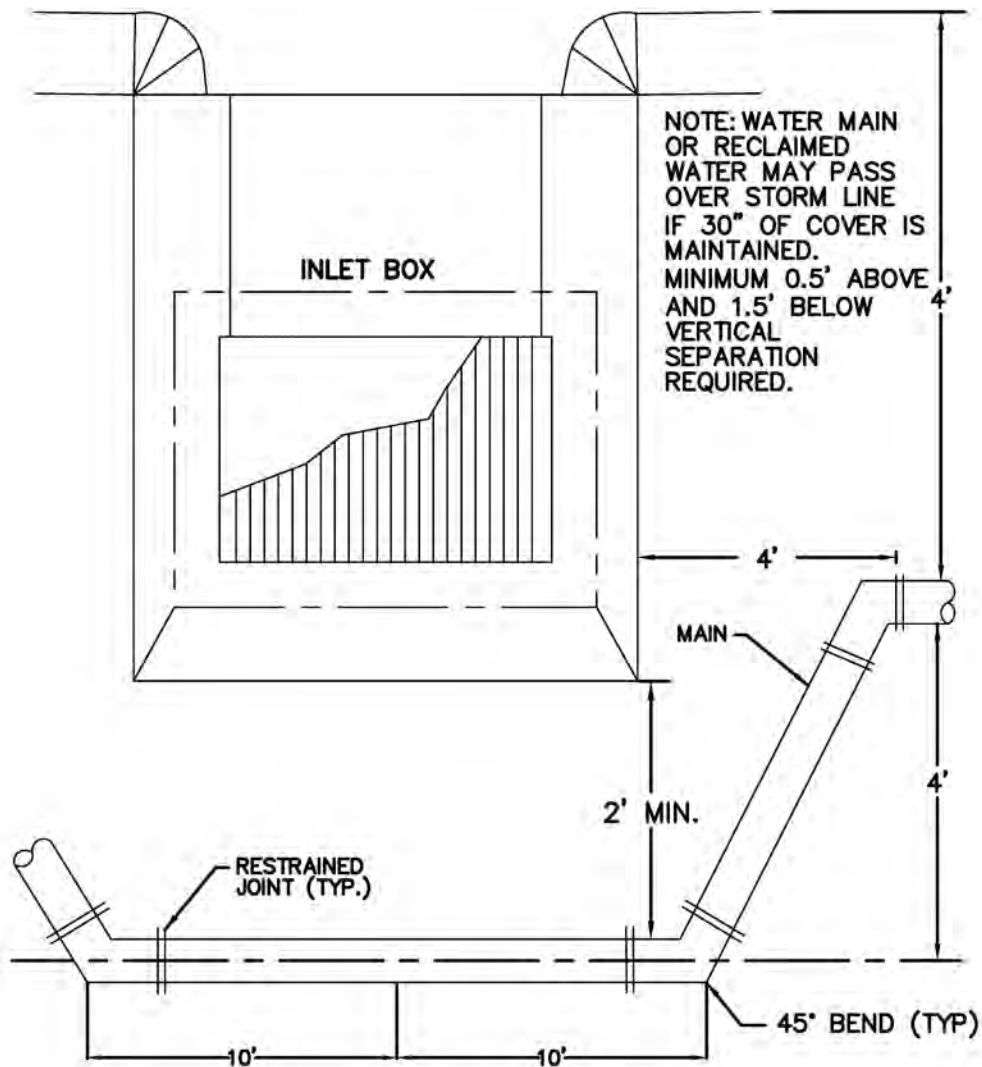


STANDARD CONSTRUCTION DETAIL
DOUBLE CHECK DETECTOR BACKFLOW PREVENTER
(DEDICATED FIRE LINE) 4", 6", 8", 10"
NTS

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PLAN VIEW

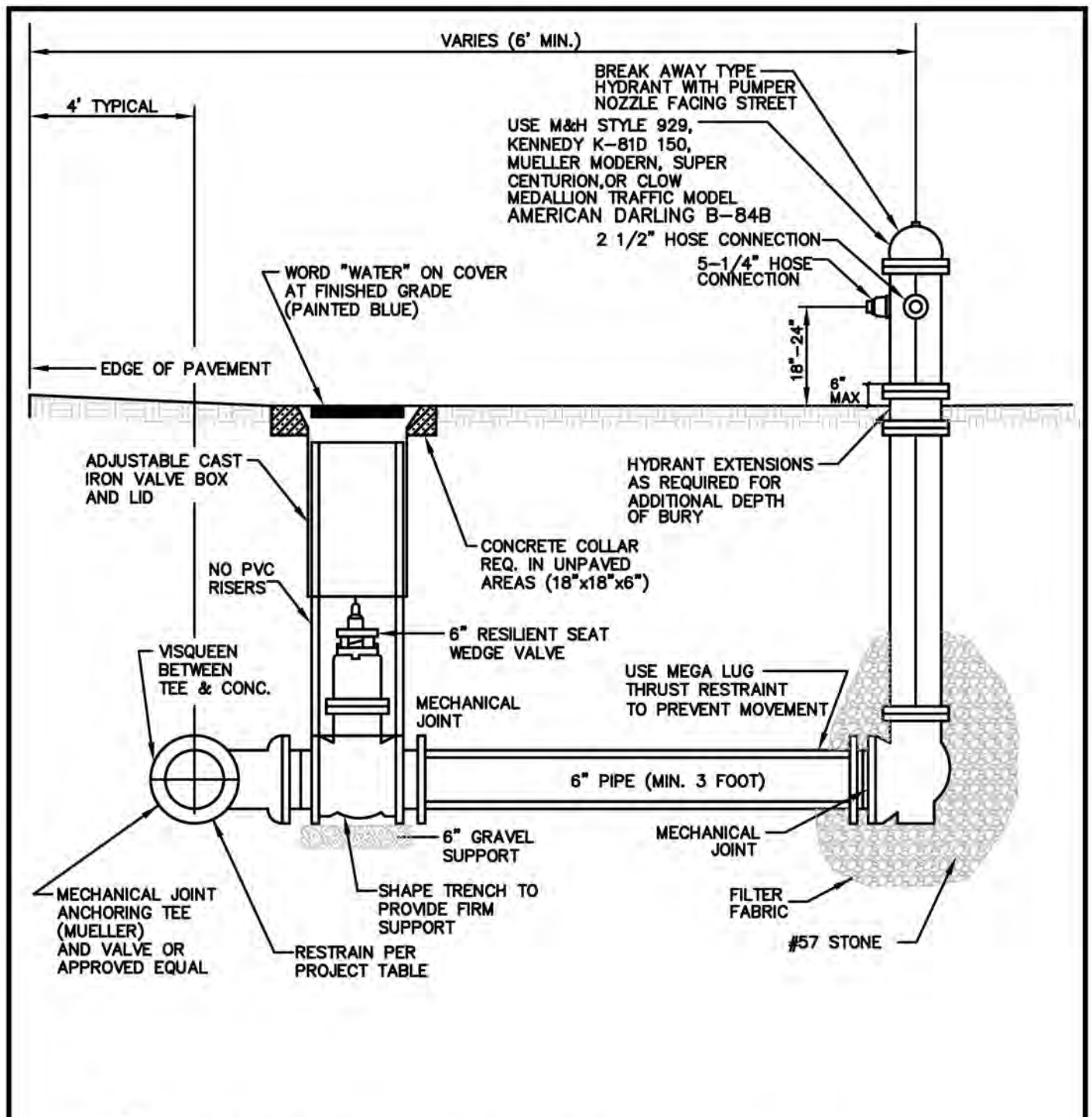


STANDARD CONSTRUCTION DETAIL
 WATER MAIN INSTALLATION BETWEEN
 DRAINAGE INLET AND SIDEWALK
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NOTES:

1. ALL JOINTS SHALL BE RESTRAINED
2. HYDRANTS TO BE PAINTED SAFETY YELLOW (PUBLIC) OR RED BONNET (PRIVATE) COLOR.
3. HOSE CONNECTIONS TO BE AMERICAN STANDARD THREADS
4. THE HYDRANT SHOE WILL BE COATED INSIDE WITH FUSION BONDED EPOXY. 6 MIL MINIMUM
5. ADJUSTMENTS OR REPAIRS TO THE HYDRANT AFTER INSTALLATION SHALL BE DONE BY AN UNDERGROUND UTILITY CONTRACTOR OR THE CITY AND ALL COST SHALL BE CHARGED TO THE DEVELOPER. PAYMENT SHALL BE MADE PRIOR TO CERTIFICATE OF OCCUPANCY OF PROPERTY.



STANDARD CONSTRUCTION DETAIL
FIRE HYDRANT ASSEMBLY
 NTS

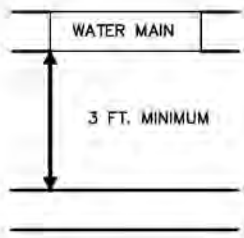
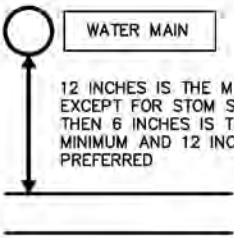
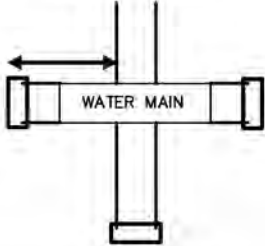
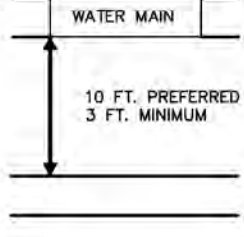
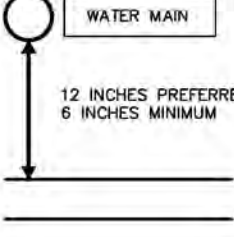
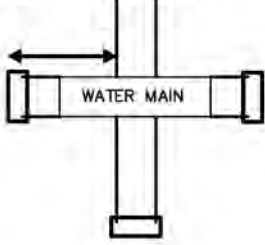
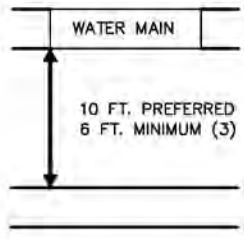
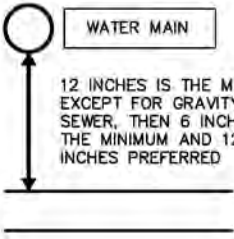
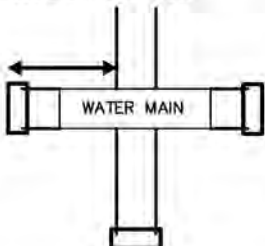
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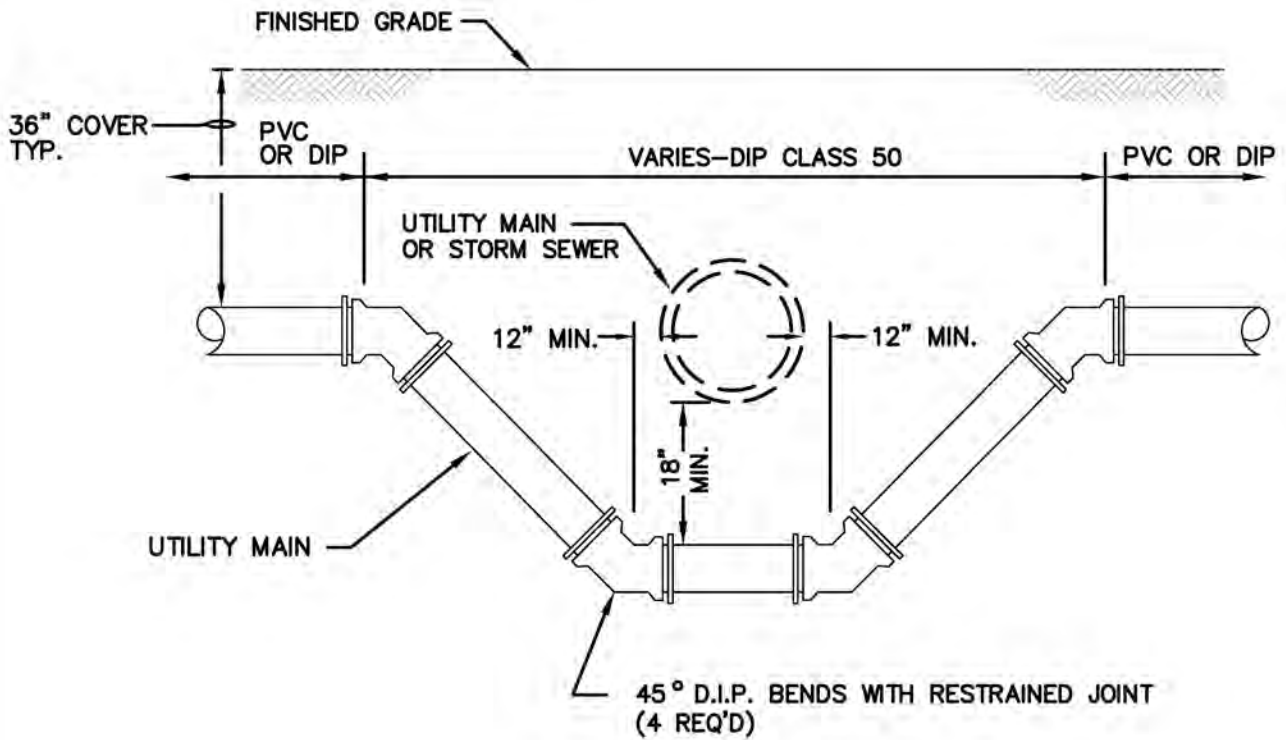
March 2022

STANDARD CONSTRUCTION DETAIL
WATER MAIN SEPARATION
NTS



OTHER PIPE	HORIZONTAL SEPARATION	CROSSINGS (1)	JOINT SPACING & CROSSINGS (FULL JOINT CENTERED)
STORM SEWER, STORM WATER FORCEMAIN, RECLAIMED WATER (2)	 <p>3 FT. MINIMUM</p>	 <p>12 INCHES IS THE MINIMUM, EXCEPT FOR STOM SEWER, THEN 6 INCHES IS THE MINIMUM AND 12 INCHES PREFERRED</p>	<p>ALTERNATE 3 FT. MINIMUM</p> 
VACUUM SANITARY SEWER	 <p>10 FT. PREFERRED 3 FT. MINIMUM</p>	 <p>12 INCHES PREFERRED 6 INCHES MINIMUM</p>	<p>ALTERNATE 3 FT. MINIMUM</p> 
GRAVITY OR PREASURE SANITARY SEWER, SANITARY FORCEMAIN, RECLAIMED WATER (4)	 <p>10 FT. PREFERRED 6 FT. MINIMUM (3)</p>	 <p>12 INCHES IS THE MINIMUM, EXCEPT FOR GRAVITY SEWER, THEN 6 INCHES IS THE MINIMUM AND 12 INCHES PREFERRED</p>	<p>ALTERNATE 6 FT. MINIMUM</p> 
ON-SITE SEWAGE TREATMENT & DISPOSAL SYSTEM	10 FT. MINIMUM	—	—

(1) WATER MAIN SHOULD CROSS ABOVE OTHER PIPE. WHEN WATER MAIN MUST BE BELOW OTHER PIPE, THE MINIMUM SEPARATION IS 18 INCHES.
 (2) RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
 (3) 3 FT. FOR GRAVITY SEWER WHERE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE THE TOP OF THE GRAVITY SANITARY SEWER.
 (4) RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.



NOTE: ABOVE DETAIL TO BE UTILIZED IF CONTRACTOR CANNOT MAINTAIN 18" CLEAR BETWEEN MAINS BY DEFLECTING PIPE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

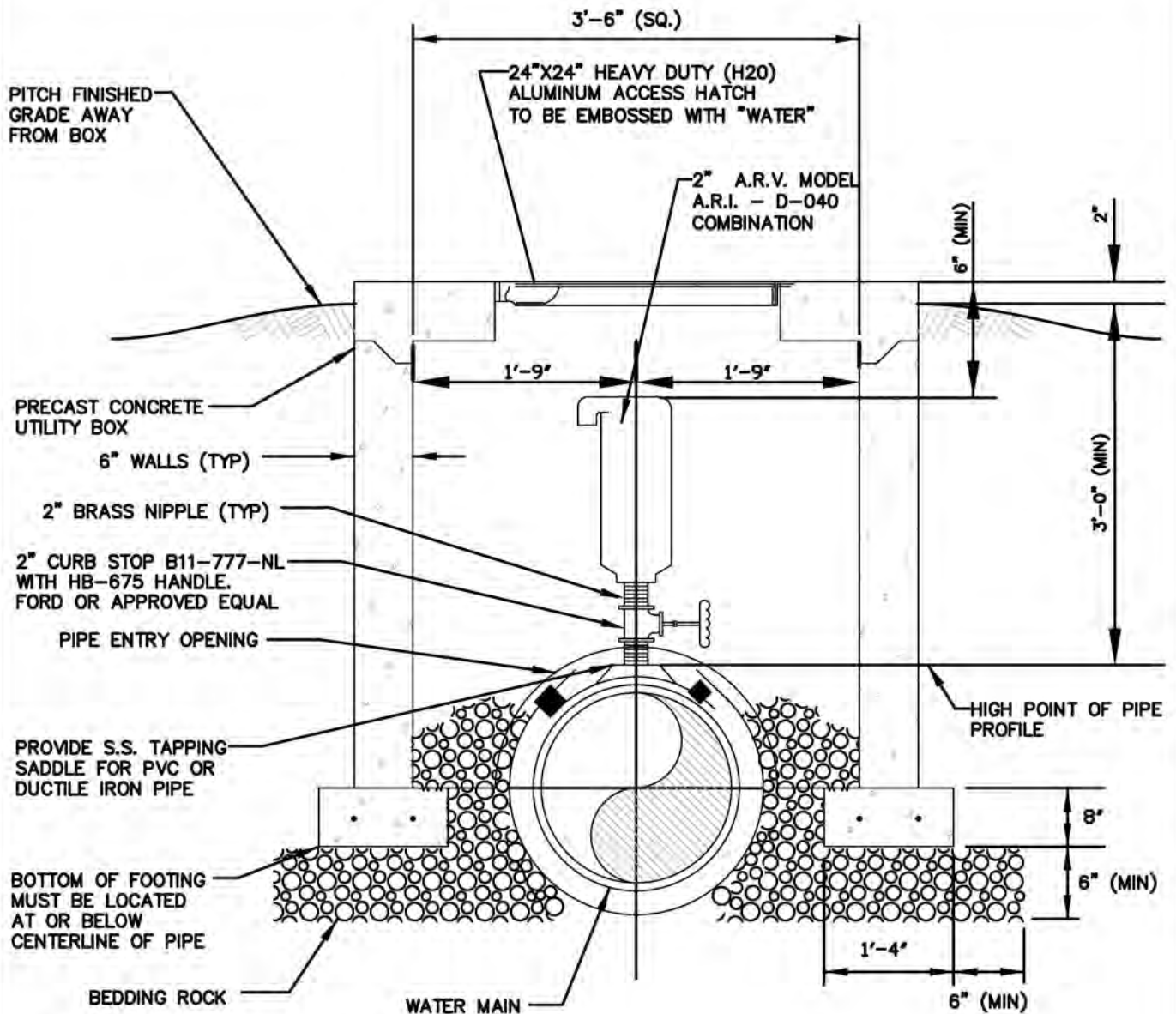


STANDARD CONSTRUCTION DETAIL
 PIPE CROSSING
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NOTE:

1. GALVANIZED PIPE AND FITTINGS NOT ACCEPTABLE FOR THIS INSTALLATION
2. STRUCTURE TO BE ADEQUATE FOR AASHTO H20 LOADING
3. DESIGNER IS RESPONSIBLE FOR PROVIDING CONSTRUCTION MATERIAL AND STEEL REINFORCING REQUIREMENTS
4. NO SURFACE COATING REQUIRED ON VAULT
5. ALUMINUM HATCH TO INCLUDE S.S. HINGE AND S.S. SLAM LOCKS WITH REMOVABLE KEYS
6. FITTINGS AND PIPE FOR A.R.V. SHALL BE BRASS



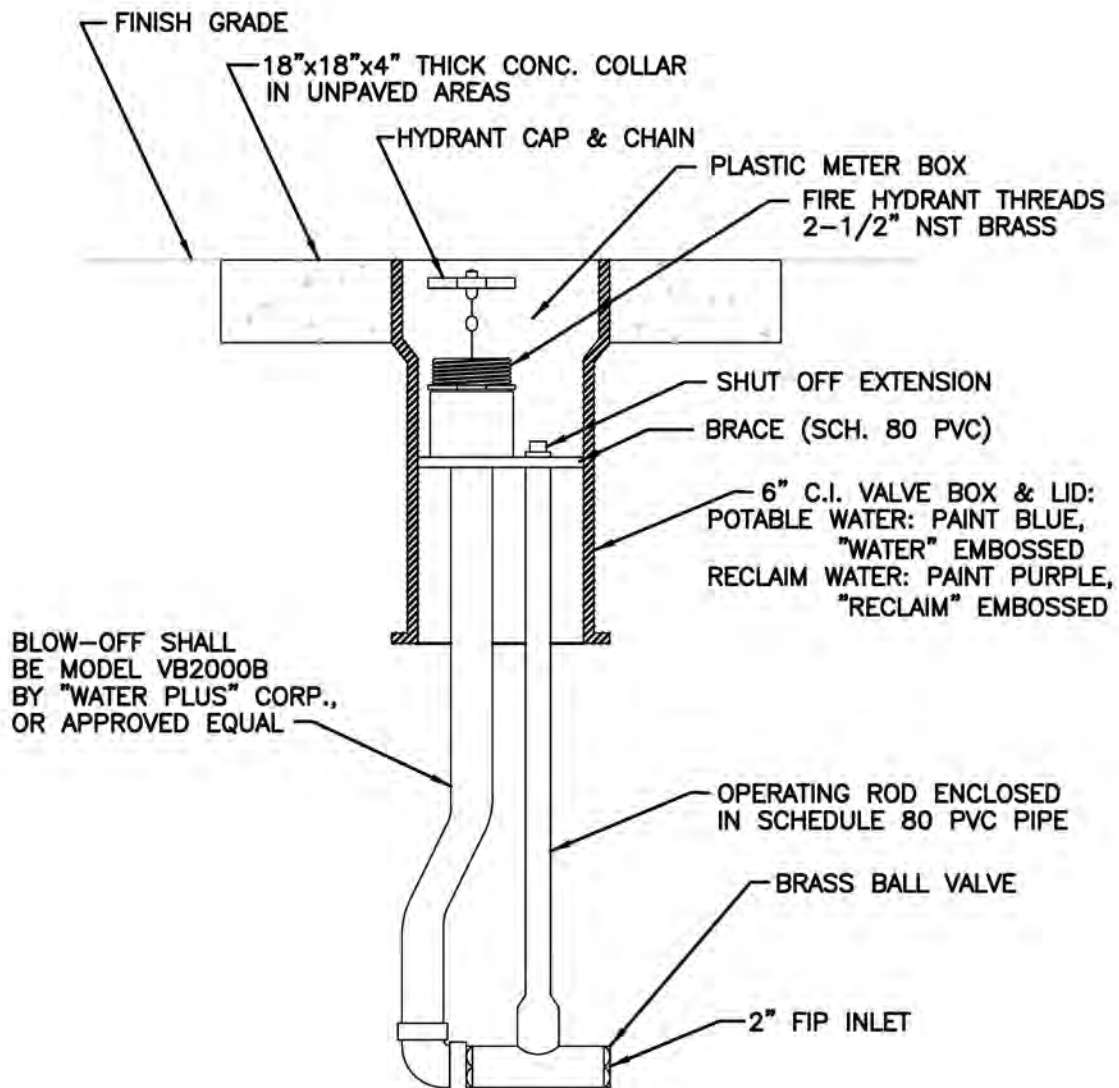
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AUTOMATIC AIR RELEASE VALVE
(WATER MAIN)**

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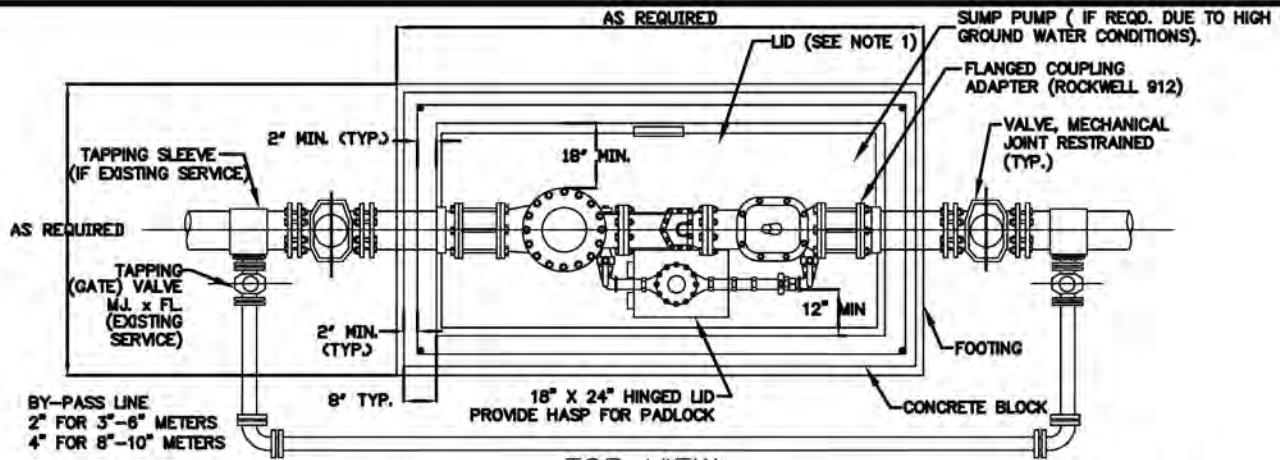


1. WRENCH AND DISCHARGE SPOUT AS SUPPLIED BY MANUFACTURER SHALL BE TURNED OVER TO THE CITY DURING FINAL INSPECTION.

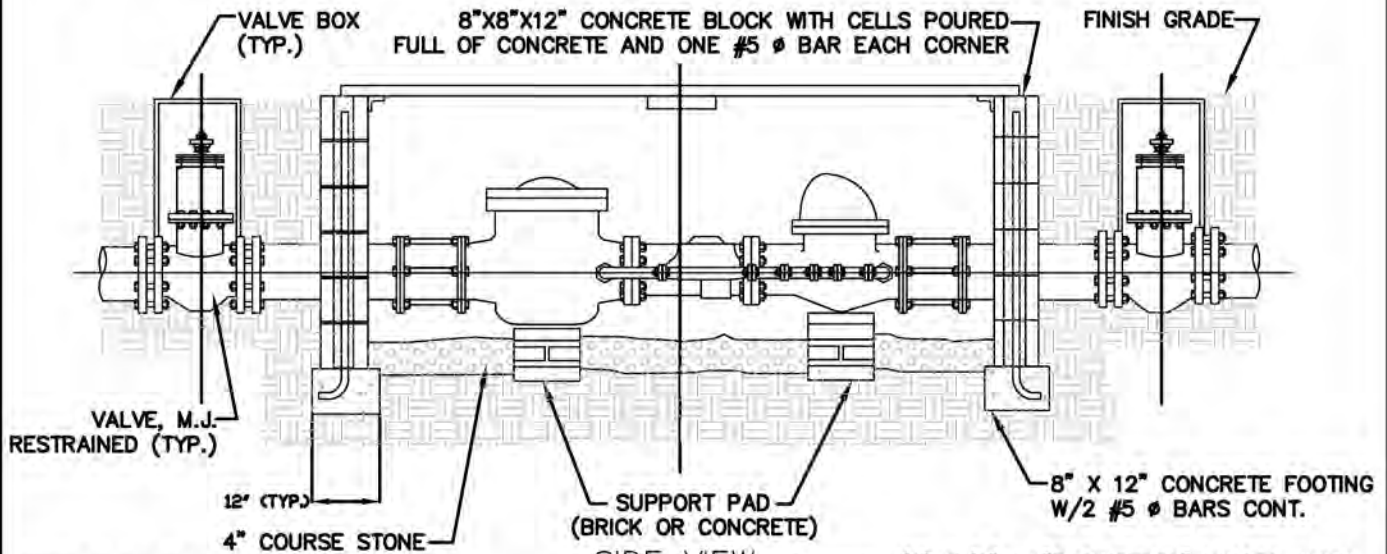


STANDARD CONSTRUCTION DETAIL
 BLOW-OFF ASSEMBLY
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TOP VIEW



SIDE VIEW

WATER METER ASSEMBLY NOTES

1. LID SHALL BE ALUMINUM DIAMOND PATTERN PLATE AS MANUFACTURED BY HALLIDAY PRODUCTS.
2. AS AN ALTERNATIVE TO CONSTRUCTING THE VAULT ON SITE, A PRECAST VAULT AS MANUFACTURED BY BROOKS PRODUCTS OR AN APPROVED EQUAL IS AN OPTION.
3. UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, GATE VALVES SHALL BE INSTALLED ON MAINS LESS THAN 12" AND BUTTERFLY VALVES FOR MAINS 12" AND GREATER.
4. THE WATER SERVICE METER SHALL BE A NEPTUNE WATER METER WITH A 2" SEALED REGISTER METER. METERS SHALL REGISTER IN GALLONS, BE STRAIGHT READING AND CONFORM TO AWWA C-700 LATEST. METER TYPE SHALL BE APPROVED BY THE UTILITIES MANAGER.
5. WATER SERVICE METERS SERVICING A FIRE PROTECTION SYSTEM SHALL BE NEPTUNE HIGH PERFORMANCE PROTECTUS III FIRE SERVICE METER.
6. METERS 3" AND LARGER TO HAVE A 2" TEST PORT.
7. WATER METER REGISTER SHALL BE THE TOUCH READ ECR TYPE.
8. TOUCH READ DEVICE SHALL BE MOUNTED IN VAULT LID AS RECOMMENDED BY THE MANUFACTURER.
9. USE DIP.
10. METER UP TO 2" TO BE SUPPLIED AND SET BY THE CITY. SERVICE AND PROPERTY INSTALLATION TO BE BY CONTRACTOR.
11. ANY METERS OVER 2" TO BE SUPPLIED, SET AND INSTALLED BY CONTRACTOR.



INSIDE VAULT DIMENSIONS SHALL BE AS FOLLOWS:

3" METERS	4' X 5'
4" METERS	4' X 6'
6" METERS	5' X 8'
8" METERS	6' X 8'
10" METERS	7' X 8'



STANDARD CONSTRUCTION DETAIL
WATER METER ASSEMBLY

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March 2022

SANITARY SEWER CONSTRUCTION GENERAL NOTES

1. THE CITY'S PUBLIC UTILITY DEPARTMENT SHALL BE NOTIFIED PRIOR TO BEGINNING ANY SEWER CONSTRUCTION.
2. ALL GRAVITY SANITARY SEWER MAIN LINES SHALL BE A MINIMUM OF 8" IN DIAMETER. SERVICE LATERALS SHALL BE A MINIMUM OF 4" DIAMETER (RESIDENTIAL) OR A MINIMUM OF 6" DIAMETER (COMMERCIAL)
3. ALL GRAVITY SANITARY SEWER LINES SHALL BE PVC SDR 26.
4. MINIMUM ALLOWABLE SANITARY SEWER SLOPES ALLOWED ARE:
 - 8" PIPE 0.40%
 - 10" PIPE 0.28%
 - 12" PIPE 0.22%
5. SEWER LINE CONSTRUCTION SHALL BE ACCOMPLISHED BY THE USE OF A LASER INSTRUMENT UNLESS ANOTHER METHOD IS PREVIOUSLY APPROVED BY THE CITY.
6. THE CONTRACTOR SHALL AT ALL TIMES, DURING PIPE LAYING, DEWATER THE GROUND SUFFICIENTLY TO KEEP THE GROUNDWATER ELEVATION A MINIMUM OF 6" BELOW THE PIPE BEING LAID WITHIN THE AREA OF THE TRENCH.
7. ALL PIPES SHALL BE LAID ON A FIRM FOUNDATION. SOFT OR SPONGY BEDDING FOR PIPES WILL NOT BE ACCEPTED. ANY UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH A DRY, COMPACTED, GRANULAR MATERIAL SATISFACTORY TO THE CITY.
8. EXCAVATION AND BACKFILL: THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING AND BRACING OF EXCAVATION WORK OR USE OF TRENCH BOX IN ORDER TO PROVIDE FOR THE SAFETY OF WORKMEN, AS WELL AS REPRESENTATIVES OF THE CITY, THE DESIGN ENGINEER, AND THE DEVELOPER.
9. THE CONTRACTOR SHALL INSTALL A METALLIZED FOIL LOCATER TAPE, OR SIMILAR DEVICE AS MAY BE APPROVED BY THE CITY FOR THE FULL LENGTH OF ALL PVC WATER, RECLAIMED WATER AND SEWAGE FORCE MAINS. THIS PIPE LOCATER AID SHALL BE INSTALLED (15) INCHES BELOW FINISHED GRADE OR AS DIRECTED BY THE MANUFACTURER AND IS IN ADDITION TO THE LOCATER WIRE REQUIRED IN THE UTILITY PIPE LOCATION MATERIALS DETAIL (MISCELLANEOUS DETAILS SECTION - M10).
10. MANHOLES SHALL BE LOCATED AT INTERVALS NOT EXCEEDING 400 FEET.
11. MANHOLE RIMS SHALL MATCH FLUSH WITH THE FINISH GRADE ELEVATION IN PAVED AREAS AND FLUSH WITH FINISH GRADE AND HAVE 4" THICK 3000 PSI CONCRETE POURED A MINIMUM OF 1.0' OUTSIDE OF THE COVER. CONCRETE IS TO BE POURED SQUARE.



STANDARD CONSTRUCTION DETAIL
GENERAL NOTES
SANITARY SEWER CONSTRUCTION

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SANITARY SEWER CONSTRUCTION GENERAL NOTES

12. THE CONTRACTOR SHALL CONSTRUCT SANITARY SEWER MANHOLES IN SUCH A WAY THAT SEWER LINES DO NOT INTERSECT SEALED JOINTS BETWEEN SECTIONS OF THE MANHOLE.
13. RUBBER BOOTS AND STAINLESS STEEL BANDS SHALL BE UTILIZED IN THE CONNECTION OF THE SEWER MAIN TO THE MANHOLES (SEE RUBBER BOOT AND PRECAST JOINT CONNECTION DETAIL).
14. INDIVIDUAL SANITARY SERVICE CONNECTORS ON NEW CONSTRUCTION SHALL NOT BE CONNECTED DIRECTLY INTO MANHOLES, BUT TO SEWER MAIN LINES BY USE OF WYE CONNECTIONS.
15. FOR SINGLE FAMILY HOMES, SINGLE FOUR INCH MINIMUM SEWER SERVICES SHALL BE CONSTRUCTED AT EACH LOT OR UNIT AND LOCATED ON THE DOWNSTREAM SIDE OF THE LOT CENTER LINE. THESE SERVICES SHALL BE EXTENDED 4 FEET ABOVE GROUND AT THE PROPERTY LINE WITH A PVC RISER AND PLUG BEING EASILY VISIBLE FROM THE ROAD. RUBBER SEAL FITTINGS TO BE USED ON ALL LINES, NO GLUED JOINTS.
16. FOR MULTI-FAMILY AND COMMERCIAL SITES, SIX INCH MINIMUM SEWER SERVICES AND CLEANOUTS SHALL BE PROVIDED AS APPROVED BY THE CITY.
17. SANITARY SEWER LATERALS LONGER THAN 70 FEET, MEASURED FROM THE SEWER MAIN TO THE RIGHT-OF-WAY LINE MAY BE APPROVED ON A CASE BY CASE BASIS. SUCH LATERALS SHALL BE D.I.P. EPOXY LINED OR C-900 PVC.
18. SANITARY SEWER MANHOLES WHICH HAVE SEWER FORCE MAINS DISCHARGING DIRECTLY INTO THEM, OR ANY MANHOLE WITHIN 200 FEET OF A LIFT STATION, SHALL BE FIBERGLASS OR PVC LINED. RETRO-FITTING OF MANHOLES WITH LINERS SHALL BE REQUIRED WHEN NEW CONNECTIONS SUCH AS THIS ARE MADE. FIBERGLASS SHALL BE A MINIMUM 1/2" THICKNESS UNLESS APPROVED OTHERWISE BY THE CITY. LINING SHALL BE AGRU SURE-GRIP OR PRE-APPROVED EQUAL.
19. SEE CHART ON DETAIL INDEX S-1C FOR FORCEMAIN AND REUSE PIPE SIZE AND MATERIALS.
20. THE CITY REQUIRES THE DEVELOPER TO TELEWISE ANY AND ALL GRAVITY SANITARY SEWER MAIN LINES AND LATERALS PRIOR TO ANY FINAL ACCEPTANCE, AND RESERVES THE RIGHT TO REQUEST WATER AND AIR TESTING. THERE SHALL BE NO DIPS GREATER THAN 1" AS SEEN WITH A MANDREL TEST.
21. ALL GRAVITY SEWER MAINS PRIOR TO ACCEPTANCE BY THE CITY SHALL BE TELEVISED BY A REPUTABLE COMPANY THAT ENGAGES IN THIS TYPE OF WORK. TELEVISING IN ROAD SHALL BE AFTER BASE AND BEFORE PAVING. THE VIDEO SHALL BE NON-STOP WITH AUDIO DESCRIBING WHAT IS BEING REVIEWED. WRITTEN VIDEO LOGS DESCRIBING THE CONDITION OF THE LINES SHALL ACCOMPANY THE TAPE SUBMISSION TO THE CITY.
22. CONTRACTORS SHALL BE REQUIRED TO TELEWISE ALL GRAVITY SANITARY SEWER LINES IN THE PRESENCE OF CITY PERSONEL AND PROVIDE COPIES OF THE VIDEO TAPE TO THE PUBLIC UTILITY DEPT. ANY DEFECTS NOTED SHALL BE CORRECTED PRIOR TO ACCEPTANCE BY THE CITY.



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GENERAL NOTES
SANITARY SEWER CONSTRUCTION

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SANITARY SEWER CONSTRUCTION GENERAL NOTES

23. ALL GRAVITY SANITARY SEWER LINES WHICH ARE CONSTRUCTED OFF PUBLIC RIGHTS-OF-WAY WITHIN SIDEYARDS, BACKYARDS, AND OTHER POORLY ACCESSIBLE AREAS SHALL BE CONSTRUCTED OF C-900 PVC, OR EPOXY LINED DUCTILE IRON PIPE. ABSOLUTELY NO USE OF PLASTIC STYRENE FITTINGS SHALL BE ALLOWED.
24. SEWER LATERAL LOCATIONS SHALL BE MARKED ALONG THE OUTSIDE OF THE CURB WITH A SAWCUT S, AND BY A METAL TAB SET INTO THE PAVEMENT.
25. EZ-WRAP PLASTIC, AS MANUFACTURED BY PRESS-SEAL GASKET CORPORATION OR APPROVED EQUAL, SHALL BE USED ON THE OUTSIDE OF ALL MANHOLE AND WETWELL JOINTS. APPLY ONE LAYER OF 9" WRAP CENTERED ON EACH JOINT. A CITY INSPECTOR SHALL PERSONALLY INSPECT ALL JOINT SEALS PRIOR TO BACKFILLING OPERATIONS.
26. ALL PROPOSED GRAVITY SANITARY SEWER MAINS, 8" OR GREATER, SHALL BE FLUSHED AND CLEANED.
27. ALL GRAVITY SANITARY SEWER MAINS SHALL HAVE A MINIMUM COVER OF 36 INCHES. IN SPECIAL CASES WHERE IT IS IMPOSSIBLE OR INAPPROPRIATE TO PROVIDE ADEQUATE COVER. DUCTILE IRON CLASS 350 OR CONCRETE ENCASEMENT MAY BE USED AS APPROVED BY THE CITY.
28. SEWER FORCE MAINS SHALL BE PRESSURE TESTED AT 150 PSI STATIC PRESSURE FOR A PERIOD OF 2 HOURS. TESTS SHALL BE CONDUCTED BEFORE FINAL PAVING AND IN THE PRESENCE OF THE CITY'S INSPECTOR. MAXIMUM PRESSURE LOSS SHALL BE 5 PSI ON THE GAUGE.
29. ALL GRAVITY SANITARY SEWER PIPE SYSTEMS SHALL BE TELEVISED IN THE PRESENCE OF THE CITY INSPECTOR AND COPIES OF THE VIDEO AND WRITTEN REPORT SHALL BE SUBMITTED IN DVD FORMAT TO THE INSPECTOR AT LEAST FORTY EIGHT (48) HOURS PRIOR TO REQUESTING FINAL INSPECTIONS. ANY DEFECTS NOTED SHALL BE CORRECTED PRIOR TO ACCEPTANCE BY THE CITY.
30. ALL GRAVITY SANITARY SEWER PIPES, PRIOR TO ACCEPTANCE BY THE CITY, SHALL BE TELEVISED BY A REPUTABLE COMPANY THAT ENGAGES IN THIS TYPE OF WORK. THE VIDEO SHALL BE IN DVD FORMAT WITH HIGH QUALITY STANDARD RESOLUTION USING A CAMERA WITH SUITABLE LIGHTING TO ALLOW A CLEAR AND FOCUSED PICTURE OF THE ENTIRE INSIDE PIPE CIRCUMFERENCE. THE VIDEO SHALL BE NON-STOP WITH AUDIO DESCRIBING WHAT IS BEING VIEWED. WRITTEN LOGS DESCRIBING THE CONDITION OF THE LINES SHALL ACCOMPANY THE DVD SUBMISSION TO THE CITY.

FORCE MAIN & REUSE MAIN STANDARDS

DIAMETER	MATERIAL	STANDARD
2" - 4"	PVC 1120 / SDR 21	ASTM D 2241
> 4" - 12"	PVC 1120 / DR18	AWWA C 900
14" - 36" (14" - 24" → DR - 18) (30" - 36" → DR - 18)	PVC 1120	AWWA C 905
ALL SIZES	HDPE (DIPS) DR 11	ASTM F 714

NOTE: PVC PIPE COLOR SHALL BE GREEN FOR SEWER FORCE MAIN, AND PURPLE FOR REUSE MAIN.



STANDARD CONSTRUCTION DETAIL

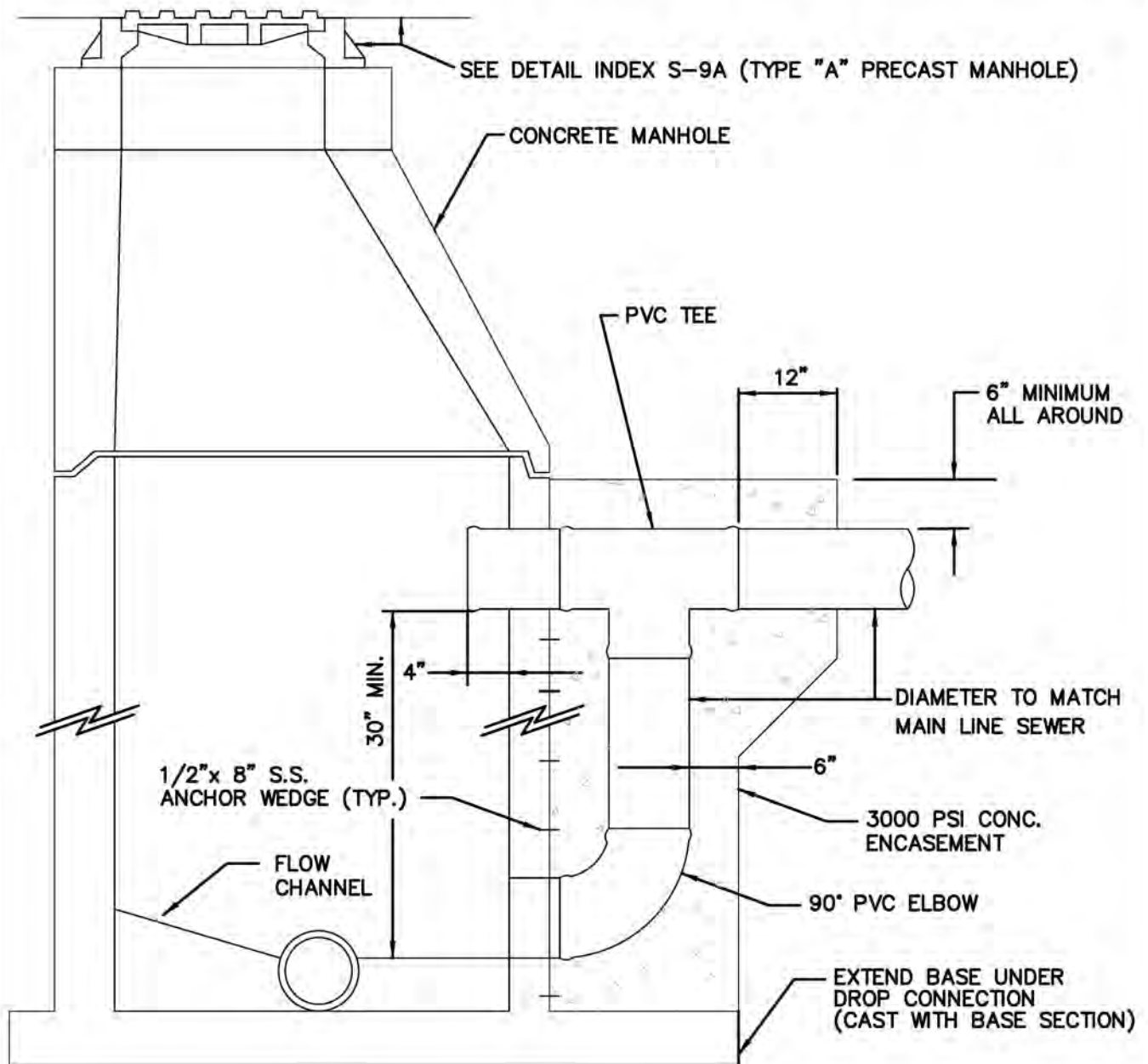
GENERAL NOTES

SANITARY SEWER CONSTRUCTION

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PROVIDE RUBBER GASKET PER A.S.T.M. C-923, CAST INTEGRALLY IN MANHOLE WALL AND LOCATED AS REQUIRED FOR 8" SANITARY SEWER

NOTE: FOR USE WHERE FREE DROP IS GREATER THAN 30". FOR GRAVITY SEWER AND FORCE MAINS.



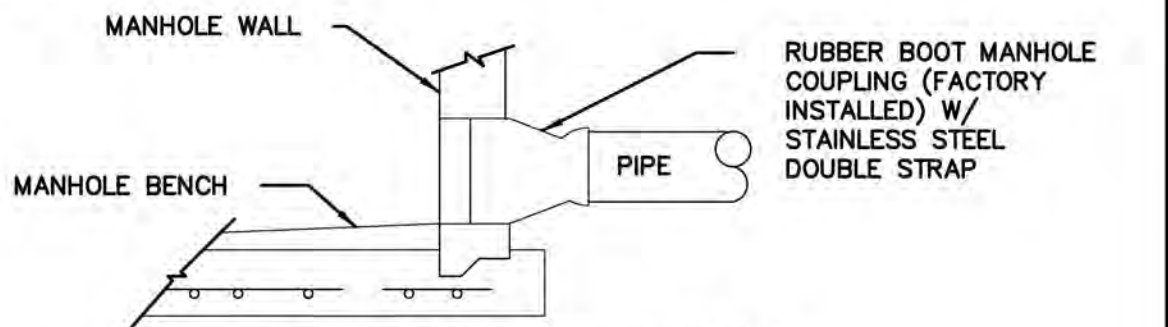
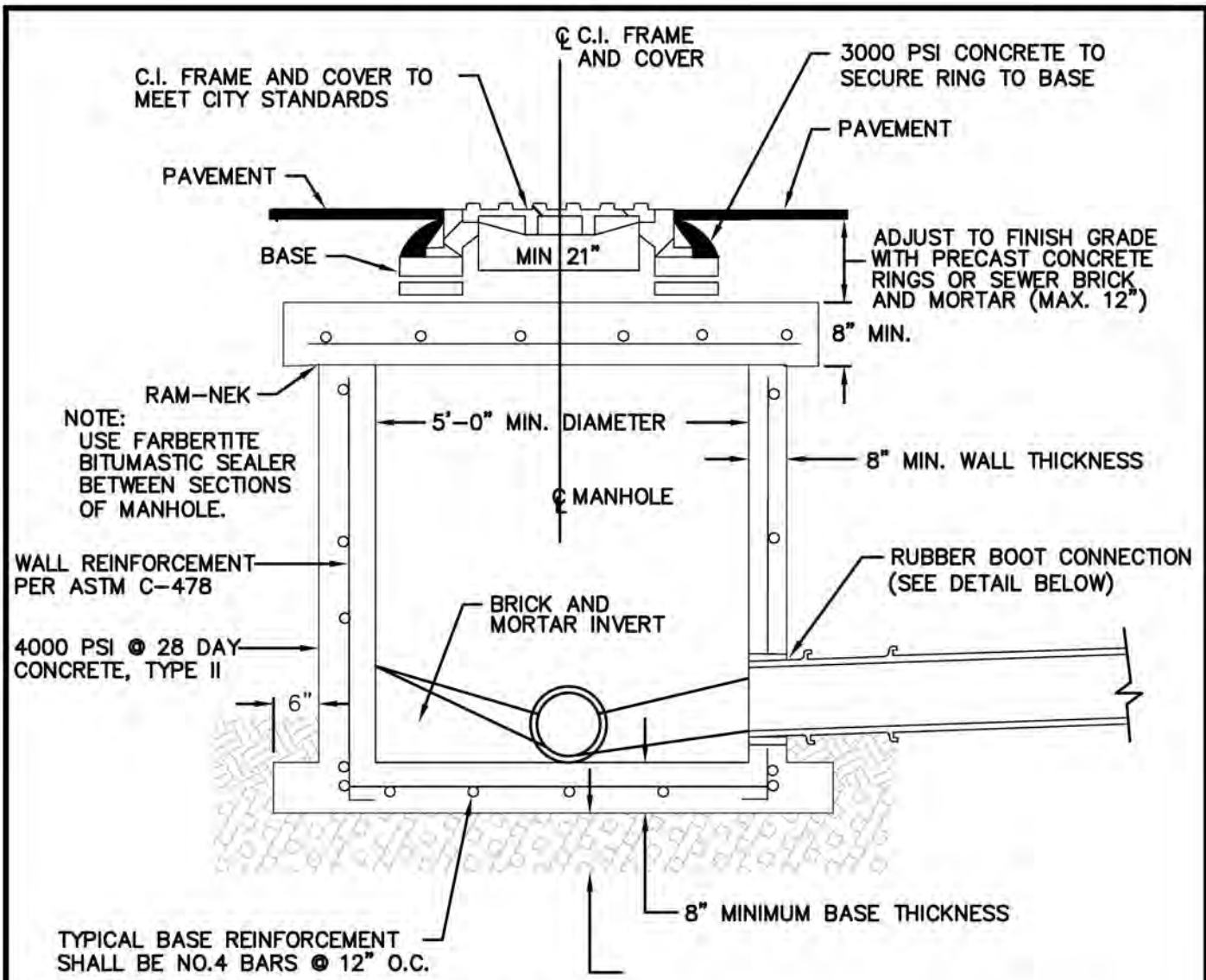
STANDARD CONSTRUCTION DETAIL
OUTSIDE DROP CONNECTION
(FOR NEW MANHOLES)

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**RUBBER BOOT CONNECTION
DETAIL**

USE FOR MANHOLES OF
5'-0" OR LESS IN DEPTH

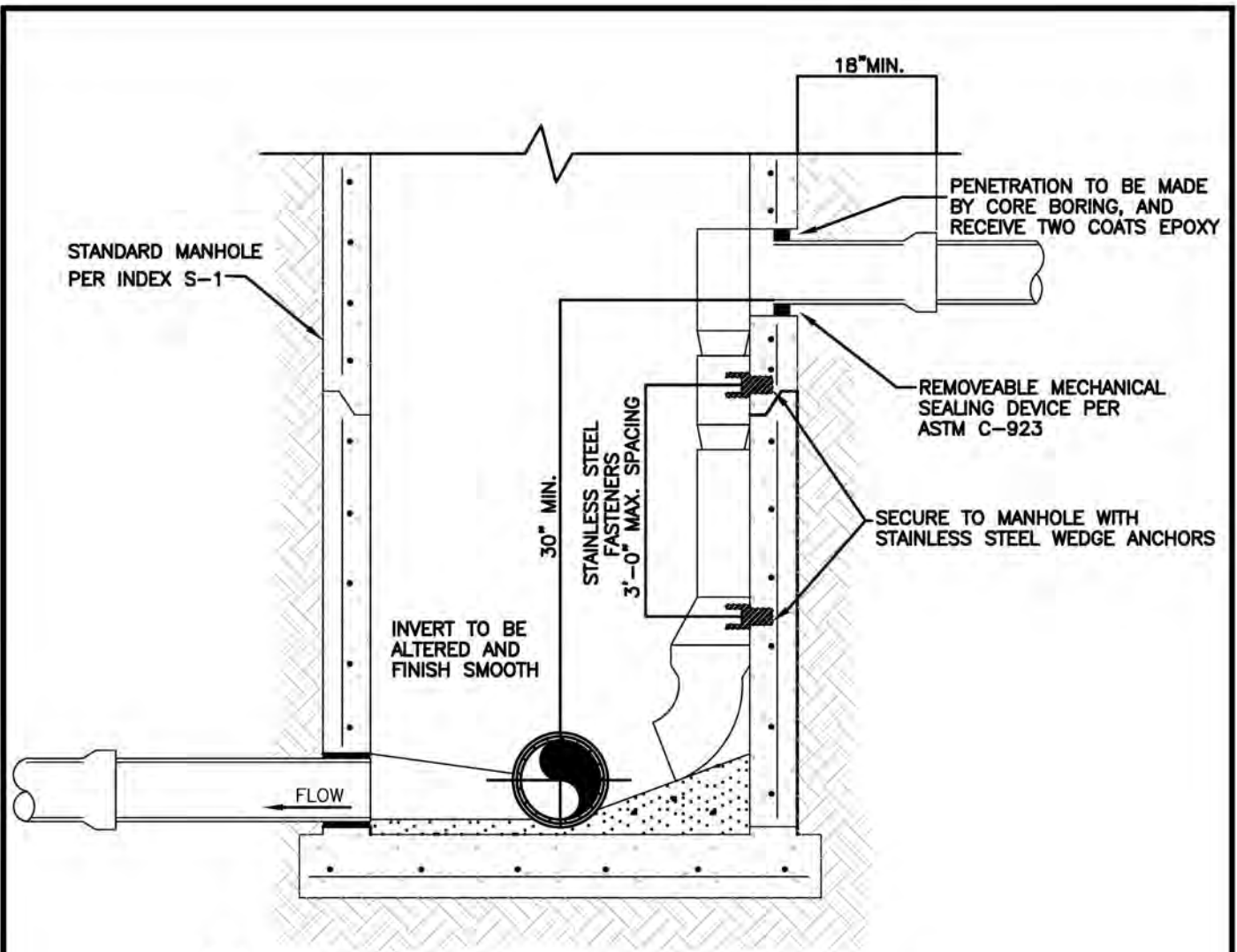


STANDARD CONSTRUCTION DETAIL
SHALLOW MANHOLE
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NOTES:

1. ALL PIPING ENTERING EXISTING STRUCTURES SHALL BE ACCOMPLISHED BY MECHANICAL ROTARY CORE BORING THE MANHOLE RISER. AFTER INSTALLATION OF PIPING, THE ANNULAR SPACE BETWEEN PIPING AND CONCRETE, SHALL BE SEALED WITH LINK-SEAL, THUNDERLINE SEALS, OR APPROVED EQUAL.
2. ALL FITTINGS SHALL BE SCH.40 PVC AS WELL AS DROP PIPE
3. FOR INSIDE DROPS UP TO 12" DIA USE INTRAFLOW LOW PROFILE INSIDE DROP SYSTEM AS MANUFACTURED BY ROYAL ENVIRONMENTAL SYSTEMS OR APPROVED EQUAL.
4. FOR INSIDE DROPS LARGER THAN 12" DIA ALL FERROUS MATERIALS SHALL BE FULLY COATED IN AND OUT WITH 2 COATS OF KOPPERS 300-M EPOXY 8 MILS DFT, TOGETHER WITH THE PENETRATION THROUGH THE STRUCTURE WALL STAINLESS STEEL SHALL NOT BE COATED.
5. ADAPTORS CONNECTING DIFFERENT PIPING MUST BE MANUFACTURED FOR THIS PURPOSE; SUBMIT DETAILS TO ENGINEER FOR APPROVAL.
6. FOR USE WHERE FREE DROP IS GREATER THAN 30". FOR GRAVITY SEWER AND FORCE MAINS.



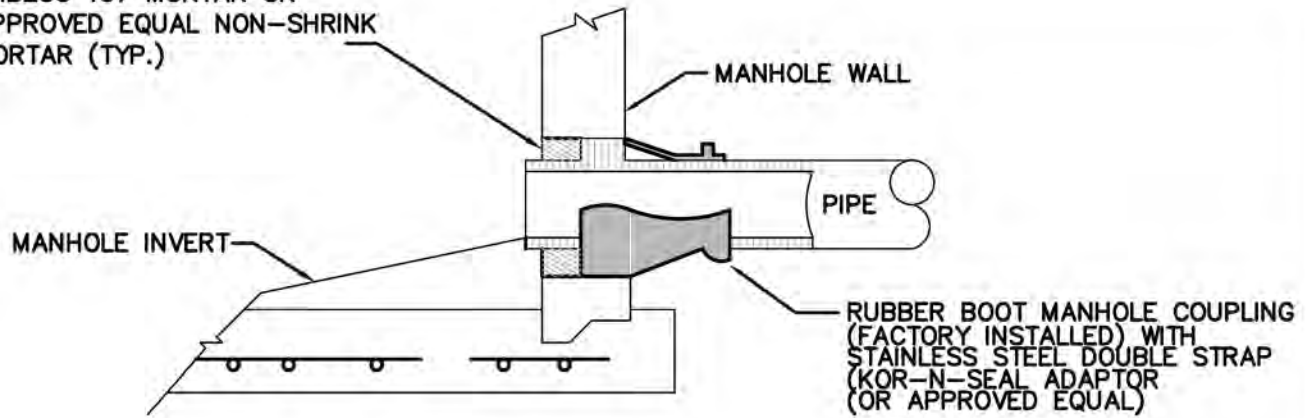
STANDARD CONSTRUCTION DETAIL
INSIDE DROP CONNECTION
(FOR EXISTING MANHOLES)
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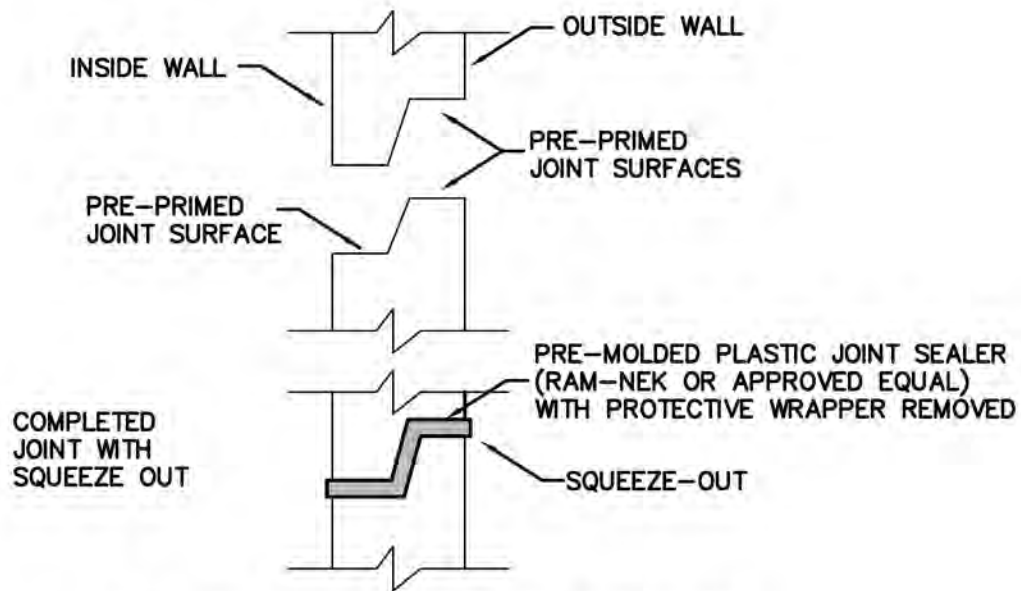
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FILL ANNULAR SPACE WITH
EMBECO 167 MORTAR OR
APPROVED EQUAL NON-SHRINK
MORTAR (TYP.)



MANHOLE PIPE CONNECTION



NOTE: ALL CONNECTIONS TO EXISTING SANITARY SEWER MANHOLES SHALL UTILIZE A CORING METHOD AND THE IN-FIELD INSTALLATION OF A RUBBER BOOT INTO THE MANHOLE AND THEN SECURED WITH A STAINLESS STEEL DOUBLE STRAP.

PRECAST JOINT CONNECTION



STANDARD CONSTRUCTION DETAIL

RUBBER BOOT AND PRECAST
JOINT CONNECTION DETAIL

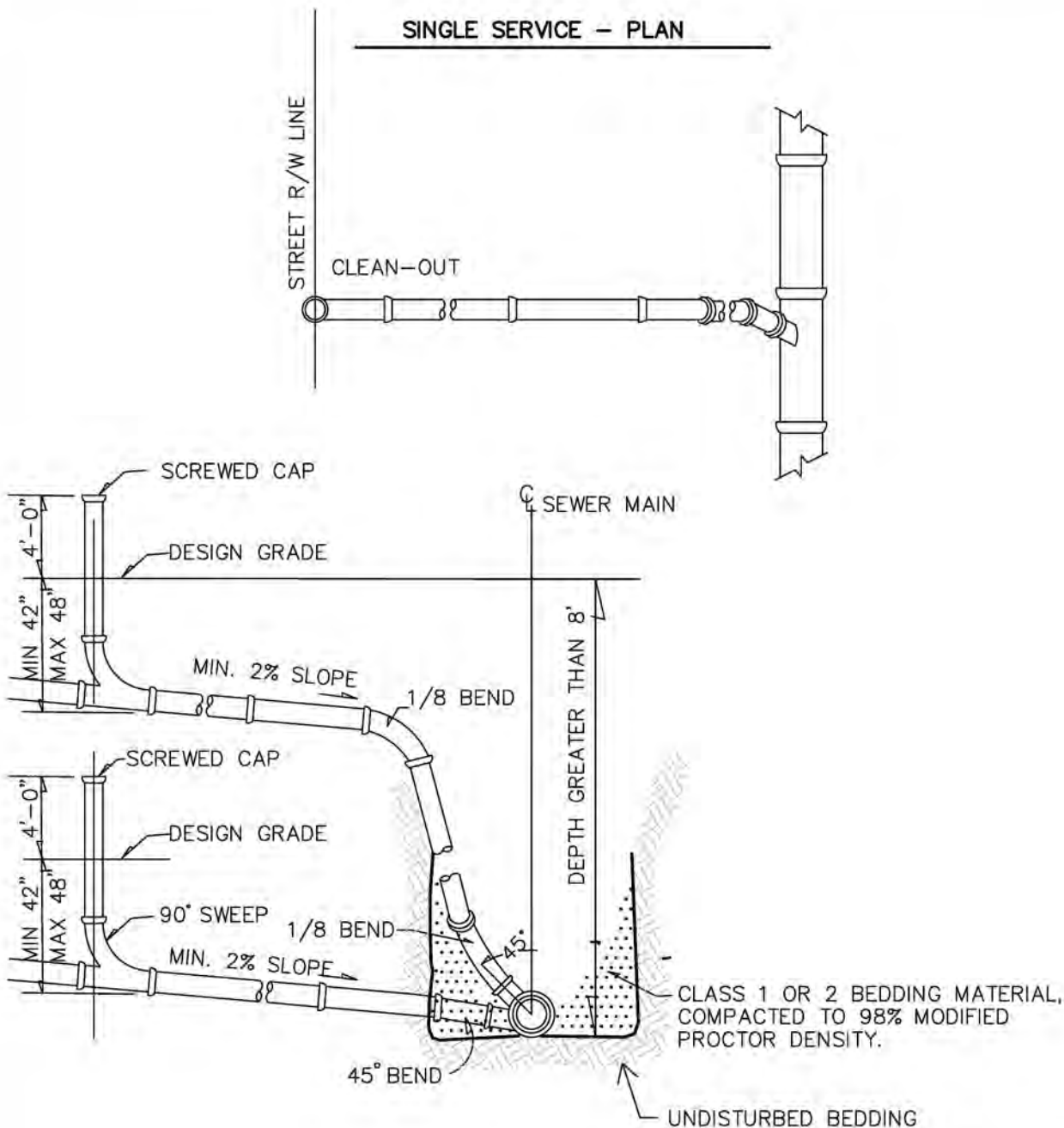
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SINGLE SERVICE - PLAN



SEWER LATERAL

NOTE: USE OF STYRENE MATERIAL
WILL NOT BE PERMITTED.

NOTE

SINGLE SERVICES SHALL BE MIN:
6" DIA. COMMERCIAL
AND 4" DIA. (MIN.) RESIDENTIAL

ALL JOINTS TO BE RUBBER
GASKET (NO GLUED FITTINGS)



STANDARD CONSTRUCTION DETAIL

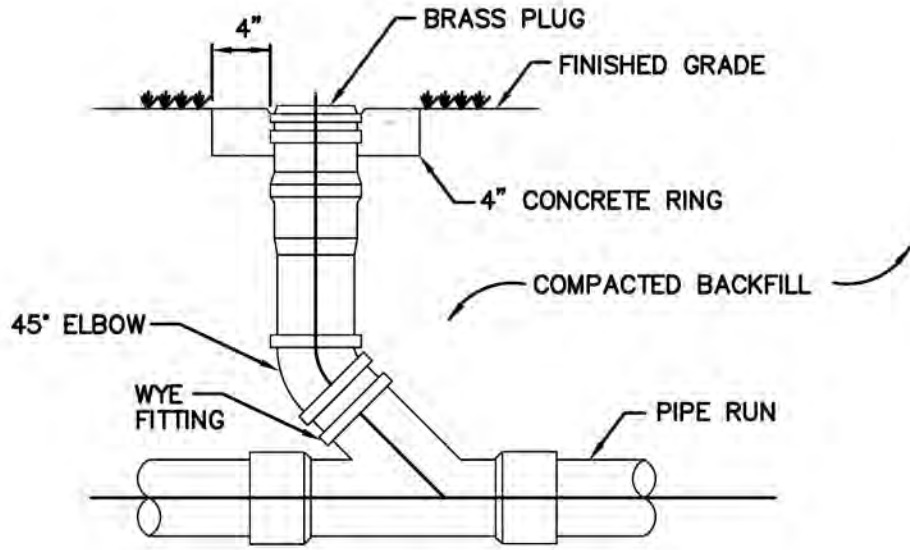
SEWER LATERAL DETAIL

NTS.

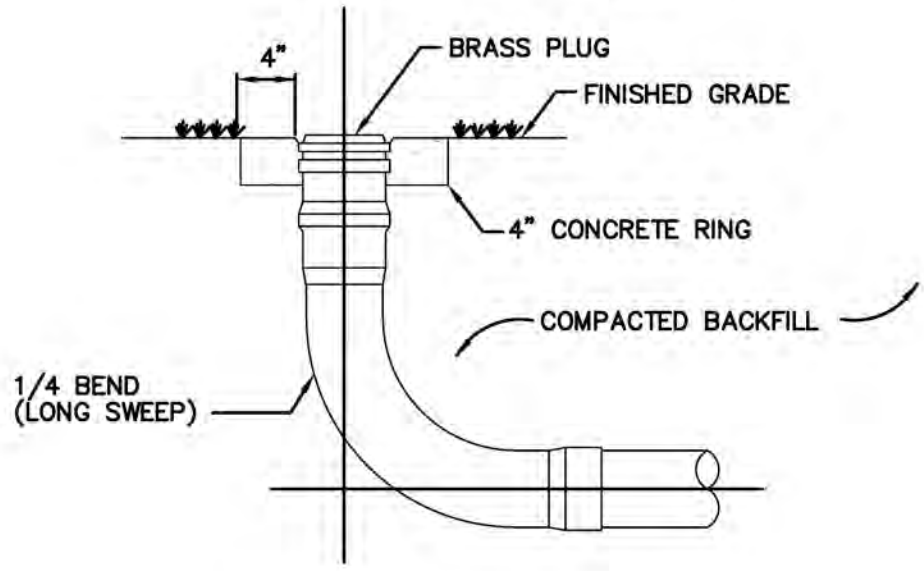
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IN-LINE CLEANOUT



TERMINAL CLEANOUT

NOTE: CONCRETE COLLAR REQUIRED IN UNPAVED AREAS

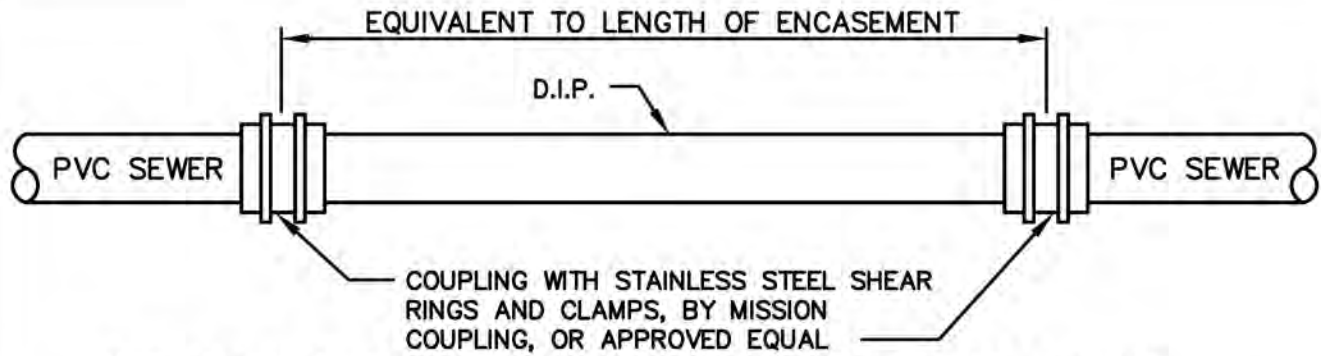


STANDARD CONSTRUCTION DETAIL
 CLEANOUT DETAIL
 NTS.

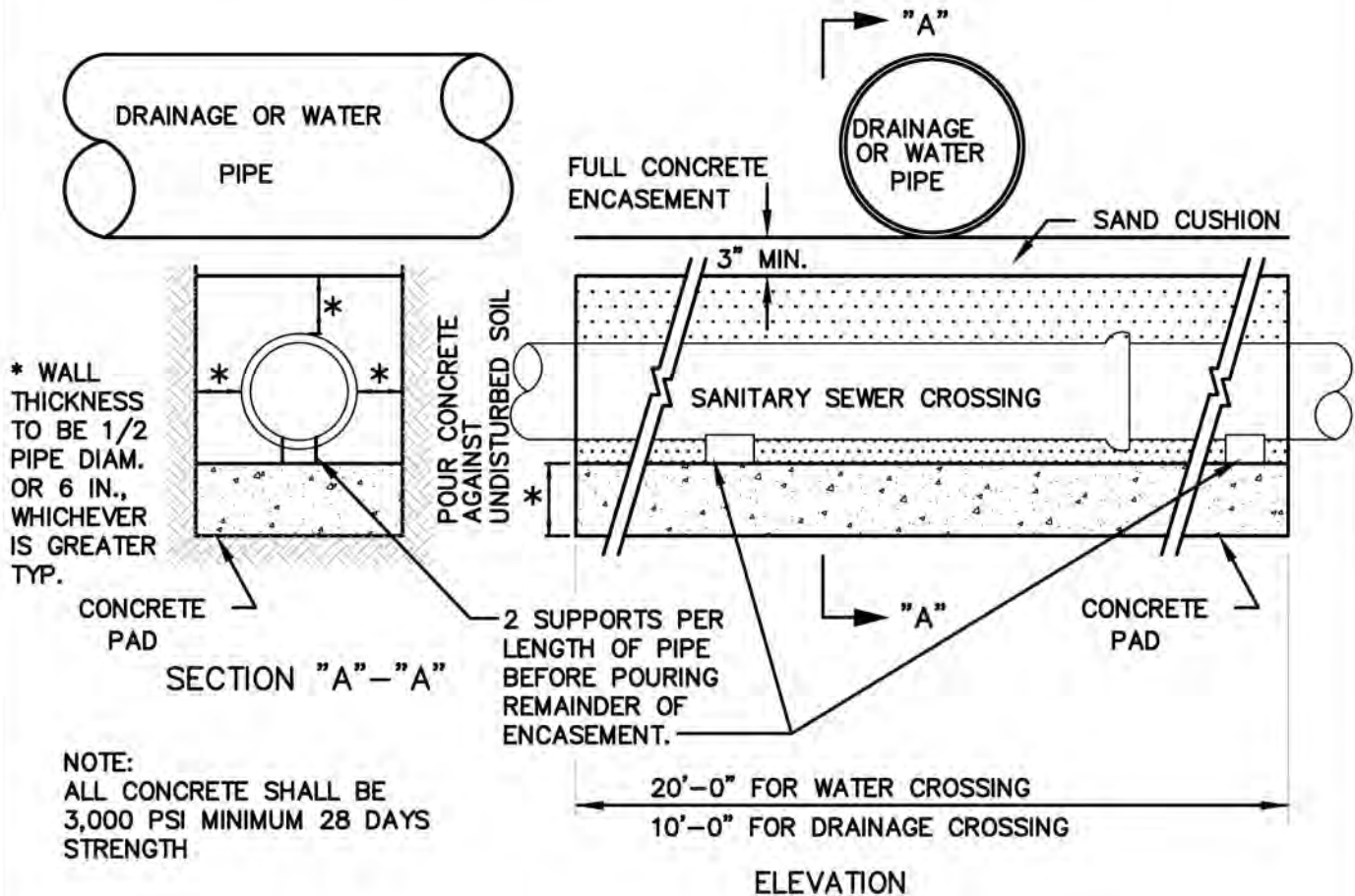
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DUCTILE IRON ALTERNATE TO CONCRETE SEWER ENCASEMENT



WATER MAIN SHALL BE LOCATED ABOVE ENCASEMENT AS SHOWN ON PLANS OR DETERMINED IN THE FIELD. USE ENCASEMENT WHERE VERTICAL CLEARANCE BETWEEN WATER MAIN AND SEWER IS LESS THAN 18 INCHES.

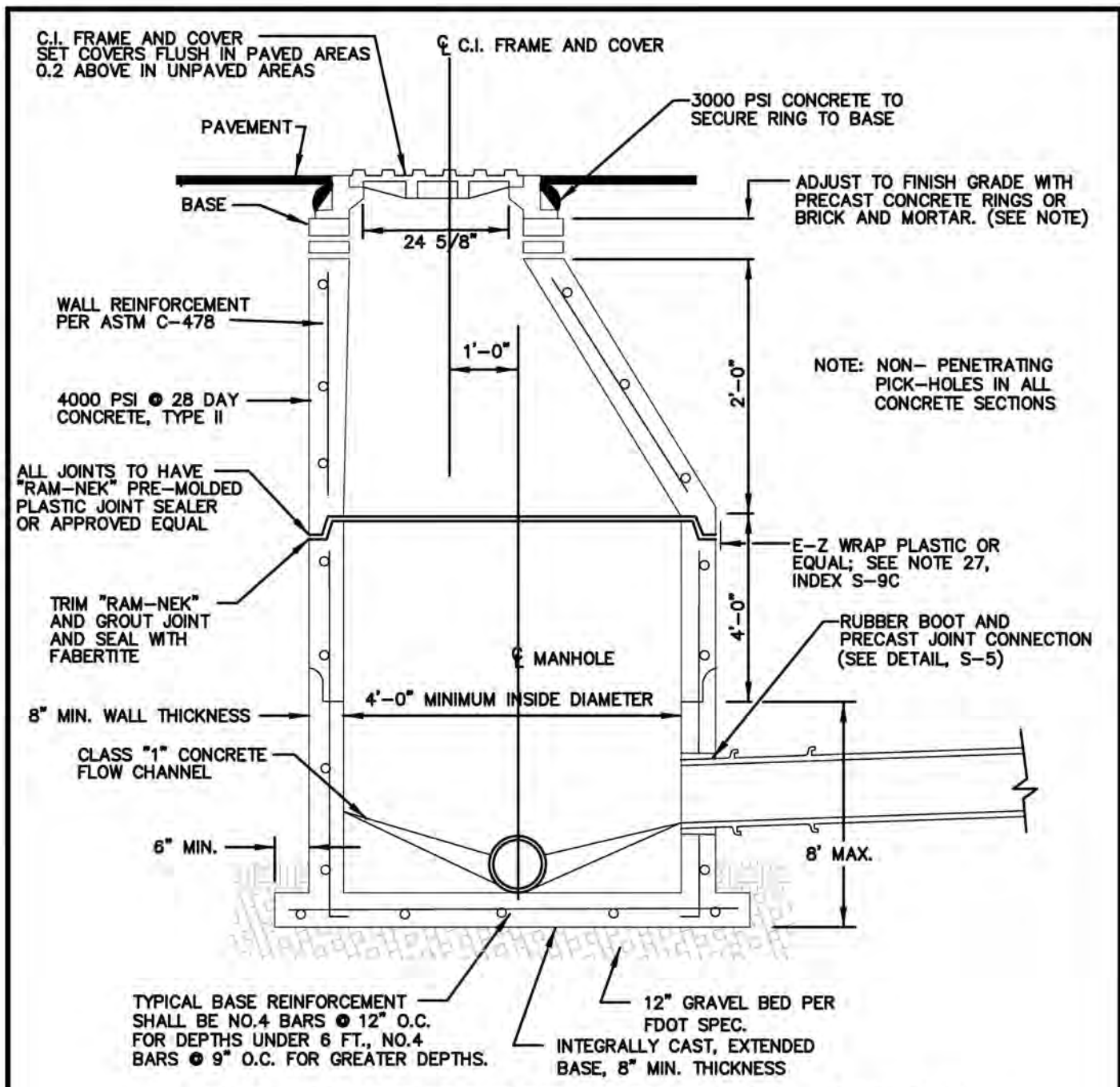


STANDARD CONSTRUCTION DETAIL
SANITARY SEWER CROSSING
NTS.

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- NOTES: 1. THE TOP OF THE CONE SHOULD BE SET 2 1/2" MIN. - 12" MAX. BELOW THE BOTTOM OF THE MANHOLE COVER FRAME TO ACCOMODATE FUTURE GRADE CHANGES (USE BRICK AND MORTAR OR PRECAST CONCRETE RINGS).
2. THE INTERIOR AND EXTERIOR SURFACES OF EACH CONCRETE MANHOLE, INCLUDING ADJUSTING RINGS, SHALL BE GIVEN TWO COATS (TOTAL DRY FILM THICKNESS OF 12 MILS) OF BITUMASTIC COATING, EXCEPT MANHOLES WHICH RECEIVE DISCHARGE FROM A FORCE MAIN AND ANY MANHOLES LOCATED WITHIN 200' OF A LIFT STATION OR ANY MANHOLES OUTSIDE OF THE RIGHT-OF-WAY. A SULFIDE CORROSION-RESISTANT MATERIAL SHALL BE USED AS LINER FOR THOSE MANHOLES THAT MEET THE CONDITIONS STATED ABOVE. THE LINER SHALL BE EITHER FIBERGLASS OR PVC OR AS APPROVED BY THE CITY.

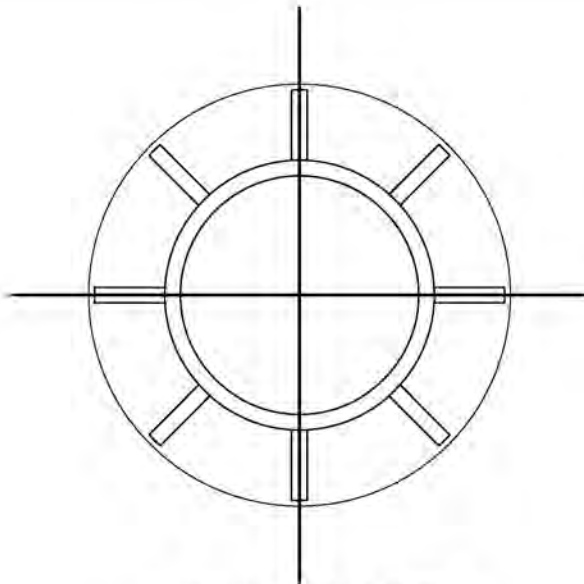


STANDARD CONSTRUCTION DETAIL
TYPE "A" PRECAST MANHOLE
NTS

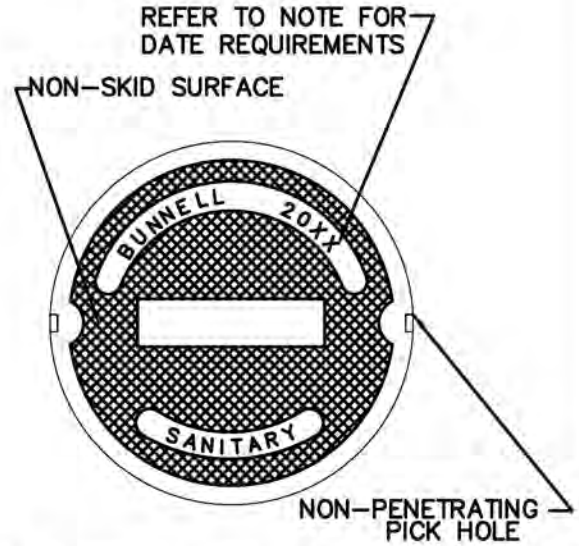
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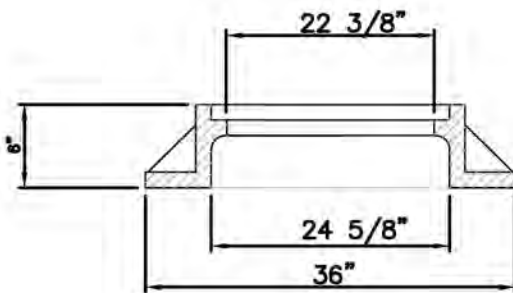
RING TOP VIEW



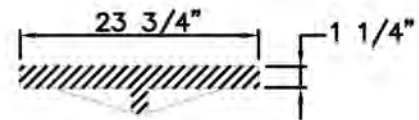
XX = USE CURRENT YEAR OF MANUFACTURE

COVER DETAIL

N.T.S.



RING SECTION



COVER SECTION

NOTE: MANHOLE RING AND COVER SHALL CONFORM TO FDOT STANDARD INDEX 201, SHEET 1 OF 6, AS SHOWN IN ROADWAY TRAFFIC DESIGN STANDARDS.

NOTE: YEAR STAMP TO MATCH CASTING YEAR

U. S. FOUNDRY 195E-ORS ("O" RING SEAL) OR APPROVED EQUAL

COVER TYPE	LOAD RATING	COVER WEIGHT	TOTAL WEIGHT
BJ	HEAVY DUTY	200	350

FOR MANHOLES IN FL. D.O.T. R/W OR AS DETERMINED BY THE CITY. THE COVER TYPE SHALL BE - BJ HEAVY DUTY 200 LBS W/ ORS.

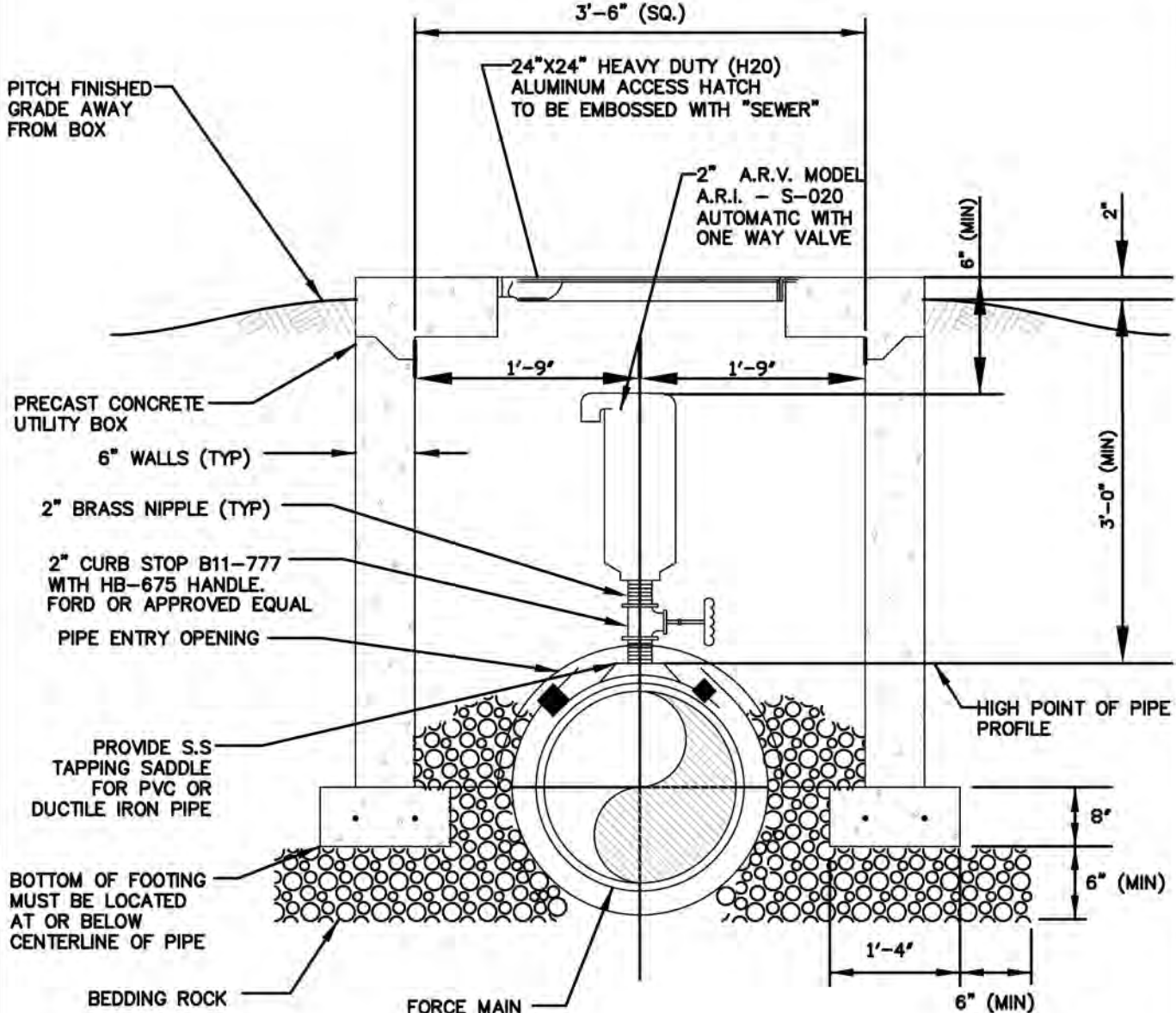


STANDARD CONSTRUCTION DETAIL
MANHOLE RING AND COVER DETAIL
N.T.S.

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NOTE:

1. GALVANIZED PIPE AND FITTINGS NOT ACCEPTABLE FOR THIS INSTALLATION
2. STRUCTURE TO BE ADEQUATE FOR AASHTO H20 LOADING
3. DESIGNER IS RESPONSIBLE FOR PROVIDING CONSTRUCTION MATERIAL AND STEEL REINFORCING REQUIREMENTS
4. NO SURFACE COATING REQUIRED ON VAULT
5. ALUMINUM HATCH TO INCLUDE S.S. HINGE AND S.S. SLAM LOCKS WITH REMOVABLE KEYS
6. FITTINGS AND PIPE FOR A.R.V. SHALL BE BRASS



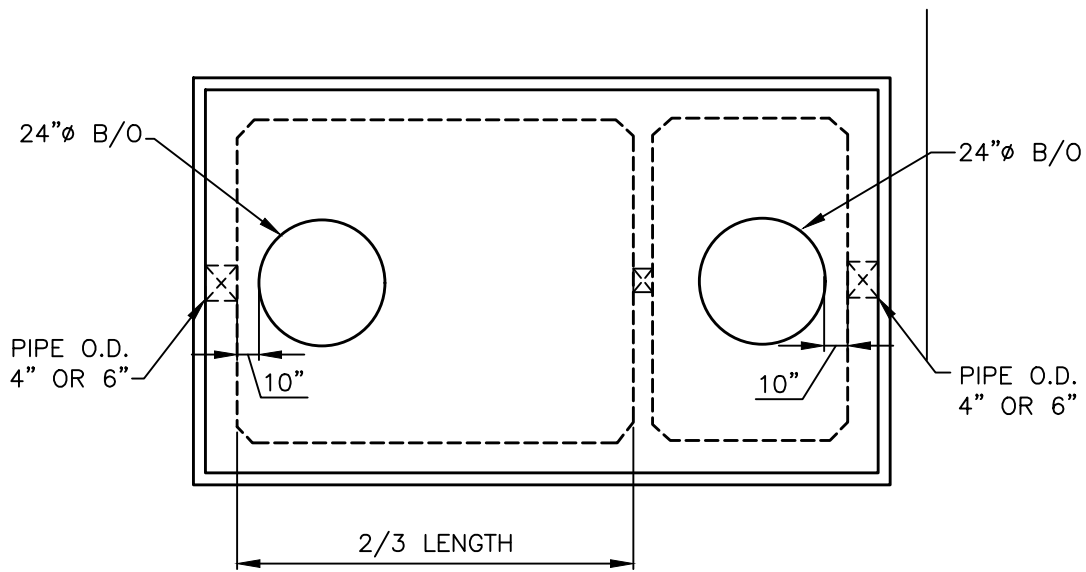
**STANDARD CONSTRUCTION DETAIL
AUTOMATIC AIR RELEASE VALVE
(FORCE MAIN)**

NTS

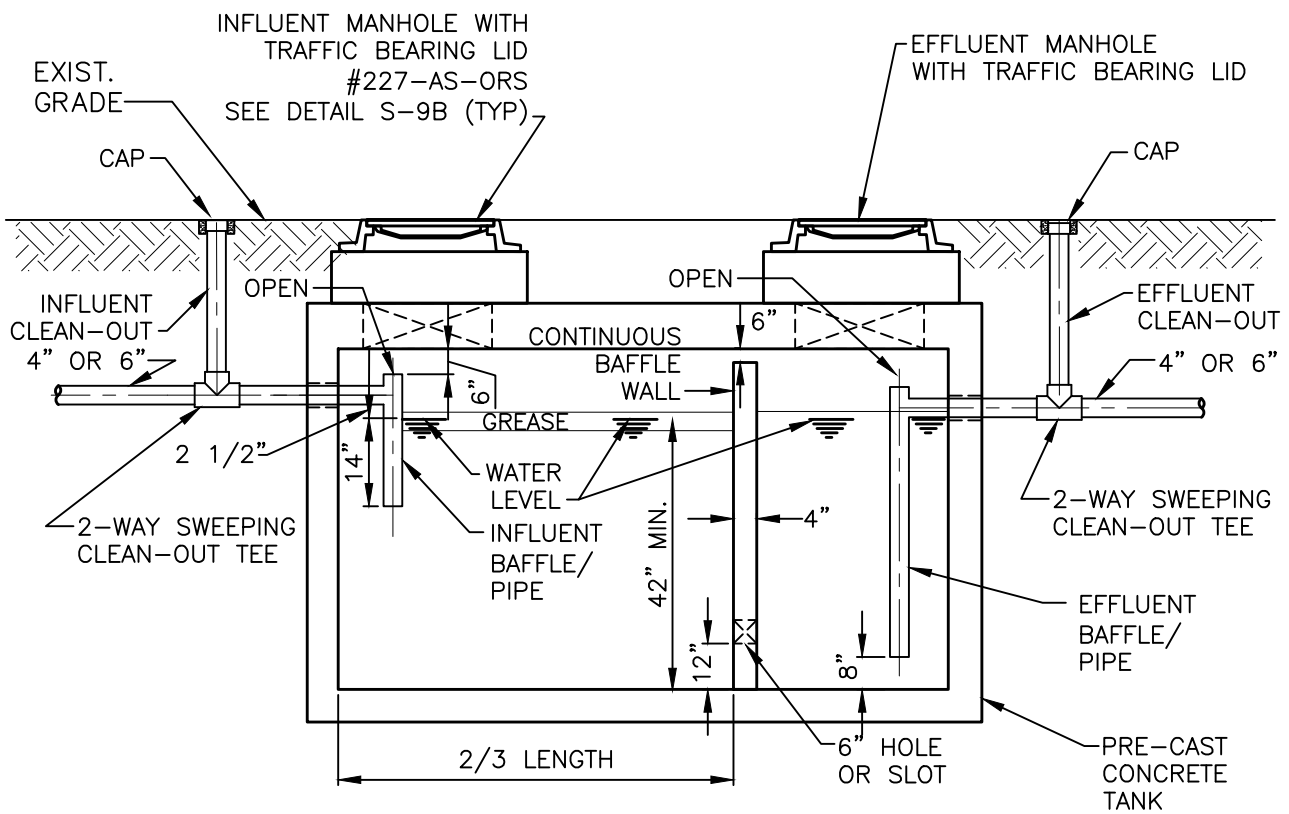
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PLAN VIEW



SECTION



**GREASE INTERCEPTOR DETAIL
PLAN AND SECTION
NTS.**

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NOTES:

1. GREASE INTERCEPTOR TANKS SHALL BE DESIGNED AND CONSTRUCTED TO MEET THE STRUCTURAL REQUIREMENTS OF FLORIDA ADMINISTRATIVE CODE CHAPTER 64E-6013. STANDARDS APPLY TO NEW CONSTRUCTION AND REMODELING.
2. THE CONTRACTOR OR ENGINEER OF RECORD SHALL PROVIDE THE CITY A COPY OF THE GREASE INTERCEPTOR(S) MANUFACTURER'S DETAILED SHOP DRAWING BEFORE APPROVAL FOR INSTALLATION.
3. GREASE INTERCEPTOR SIZING - THE EFFECTIVE CAPACITY OF EACH GREASE INTERCEPTOR IS DETERMINED ON A CASE-BY-CASE BASIS AND FORMULATED BY THE UTILITY DEPARTMENT. HOWEVER, THE MINIMUM GREASE INTERCEPTOR TANK VOLUME IS 750 GALLONS AND THE MAXIMUM IS 1,250 GALLONS. IF MORE THAN 1,250 GALLONS IS REQUIRED, THEN ADDITIONAL TANKS ARE INSTALLED IN SERIES FLOWING FROM ONE TO THE NEXT.
4. GREASE INTERCEPTOR TANKS SHALL BE INSPECTED UPON JOB SITE DELIVERY AND BEFORE INSTALLATION FOR STATE MANUFACTURING APPROVAL LEGEND OR DOCUMENTATION, DAMAGE, AND TANK EFFECTIVE CAPACITY BY THE CITY.
5. GREASE INTERCEPTORS APPROVED FOR INSTALLATION BY THE CITY SHALL BE INSTALLED ACCORDING TO THE STANDARDS AND SPECIFICATIONS.
6. GREASE INTERCEPTOR(S) SHALL BE LOCATED AS TO PROVIDE EASY ACCESS FOR ROUTINE INSPECTIONS, CLEANING AND MAINTENANCE AS REQUIRED BY CITY ORDINANCE AND MEET THE FOLLOWING MINIMUM REQUIREMENTS:
 - a. GREASE INTERCEPTORS SHALL BE TWO COMPARTMENTS (2/3 INLET; 1/3 OUTLET), CATEGORY FOUR (C4) TANKS AND CONSTRUCTED OF PRE-CAST CONCRETE OR APPROVED EQUIVALENT.
 - b. GREASE INTERCEPTORS SHALL HAVE A PROTECTIVE WATER-BASED COATING APPLIED TO THE INTERIOR AND EXTERIOR BY THE MANUFACTURER. THE EXTERIOR SHALL BE COATED TO A THICKNESS OF EIGHT (8) MILS, FOUR (4) MILS EACH COAT. THE INTERIOR SURFACES SHALL BE COATED TO A THICKNESS OF TWELVE (12) MILS, FOUR (4) MILS EACH COAT. THE COATING SHALL BE EQUIVALENT TO CONSEAL CS-55.
 - c. TANK WALLS SHALL BE A 4" THICK C4 PRE-CAST CONCRETE OR APPROVED EQUAL FOR ALL TANKS LOCATED IN GREEN (NON-TRAFFIC) AREAS. BOLLARDS OR SOME OTHER DEVICE SHALL BE PLACED AROUND THE TANK FOR PROTECTION. WALLS SHALL BE 6" THICK FOR ALL TANKS LOCATED IN TRAFFIC AREAS.
 - d. TANK BOTTOM SHALL BE A MINIMUM 4" THICK C4 PRE-CAST CONCRETE OR APPROVED EQUAL FOR ALL TANKS LOCATED IN GREEN AREAS. THE TANK BOTTOM SHALL BE 6" THICK FOR ALL TANKS LOCATED IN TRAFFIC AREAS.
 - e. TANK LIDS FOR TRAFFIC BEARING APPLICATIONS SHALL BE A MINIMUM 8" THICK WITH AN H-20 LOAD RATING. TANK LIDS FOR NON-TRAFFIC BEARING APPLICATIONS THAT ARE LOCATED IN GREEN AREAS SHALL BE A MINIMUM 6" THICK.
 - f. TANK BAFFLE WALLS SHALL BE A MINIMUM 4" THICK MONOLITHIC PRE-CAST CONCRETE CONSTRUCTION WITH A 6" FLOW THROUGH HOLE LOCATED 12" ABOVE THE FLOOR IN THE BAFFLE WALL.
 - g. ACCESS MANHOLES SHALL BE A MINIMUM 24" DIAMETER AND LOCATED OVER THE INLET AND OUTLET OF EACH INTERCEPTOR AND BROUGHT TO FINISHED GRADE IN PAVED AREAS AND 2" ABOVE FINISHED GRADE IN GREEN AREAS. THE MANHOLE COVER LIDS SHALL BE LABELED (GREASE INTERCEPTOR OR GREASE TRAP) AS TO IDENTIFY THE DEVICE.
 - h. TANK PLUMBING SHALL BE A MINIMUM FOUR-INCH DIAMETER SCHEDULE 40 PVC. FITTINGS SHALL NOT HAVE LEDGES, SHOULDERS OR REDUCTIONS CAPABLE OF RETARDING OR OBSTRUCTING FLOW IN THE PIPING. THE INLET PIPE INVERT SHALL ENTER THE TANK A MINIMUM OF 2-1/2" ABOVE THE TANK LIQUID LEVEL AND CONNECT TO A SANITARY TEE. A DROP PIPE SHALL BE CONNECTED TO THE INLET TEE AND EXTEND STRAIGHT DOWN, 14" BELOW LIQUID LEVEL. THE OUTLET PIPE SHALL CONNECT TO A SANITARY TEE WITH A DROP PIPE EXTENDING STRAIGHT DOWN FROM THE BOTTOM OF THE TEE TO 8" OFF THE TANK FLOOR.
 - i. TWO-WAY SWEEPING CLEANOUT TEES SHALL BE PROVIDED AT THE INLET (INFLUENT) AND OUTLET (EFFLUENT) ENDS OF EACH TANK AND BETWEEN TANKS IF IN SERIES. CLEANOUTS LOCATED IN TRAFFIC AREAS SHALL BE PROTECTED WITH THE INSTALLATION OF A CONCRETE BOX WITH METAL LID (ELEPHANTS FOOT).
 - j. ALL NEWLY INSTALLED GREASE INTERCEPTORS SHALL BE CLEANED OF ANY ACCUMULATION OF WATER, SILT, DEBRIS, OR FOREIGN MATTER OF ANY KIND AND BE FREE OF SUCH ACCUMULATION AT THE TIME OF FINAL INSPECTION.
 - k. UNDER THE SINK UNITS SHALL BE DEEMED GRANDFATHERED UNLESS UNIT IMPROVEMENTS EXCEED 50% OF VALUE.
7. GREASE INTERCEPTOR SHALL BE VENTED IN ACCORDANCE WITH CHAPTER 9 AND 10 OF THE FLORIDA BUILDING CODE - PLUMBING AT TIME OF INSTALLATION. INSPECTION OF VENTING SYSTEM REQUIRED BY CITY OF BUNNELL BUILDING DEPARTMENT PRIOR TO COVERING OR OTHERWISE CONCEALING GREASE INTERCEPTOR AND VENTING SYSTEM.

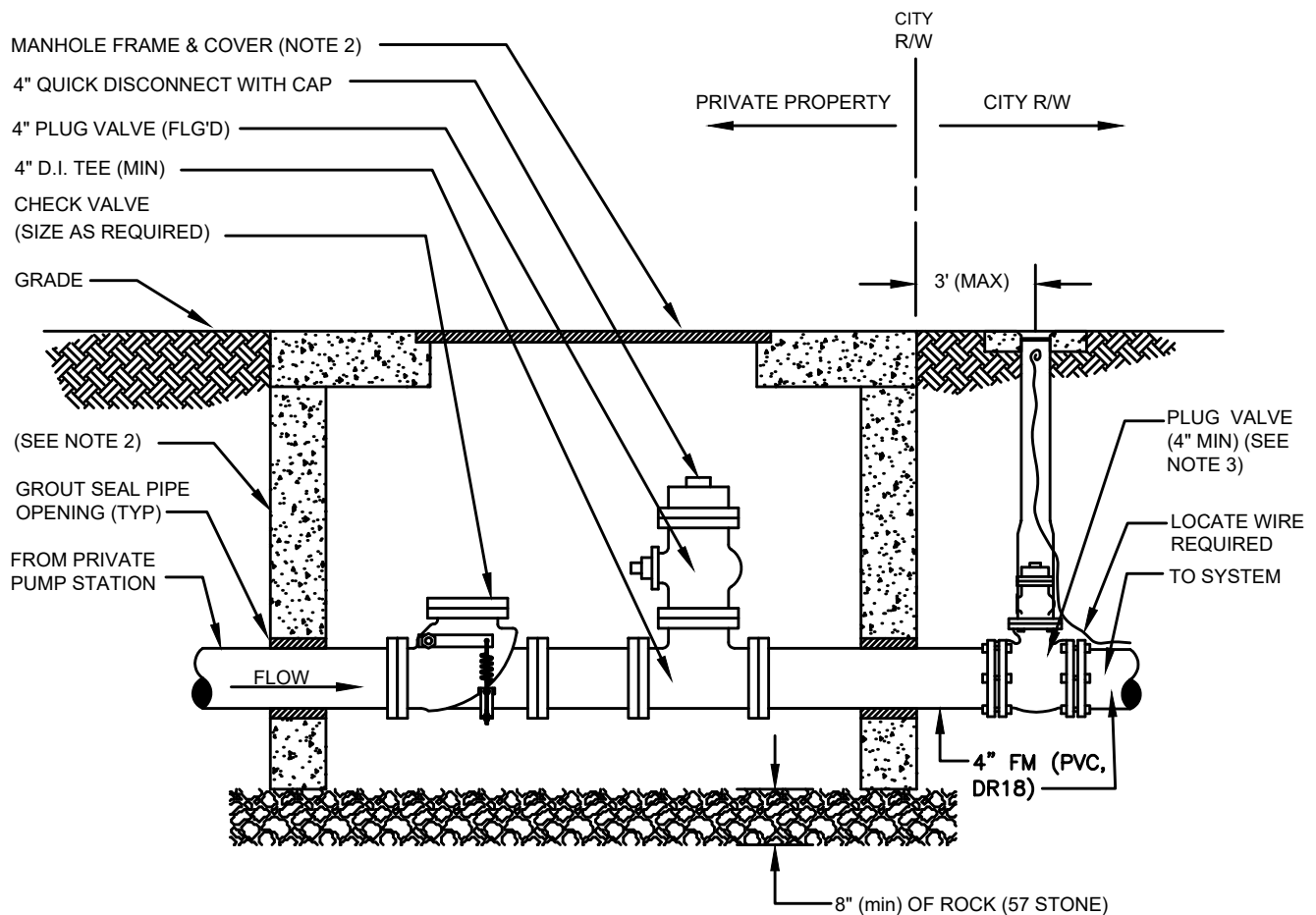


GREASE INTERCEPTOR NOTES
GENERAL NOTES
NTS.

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S-12B

March 2022



NOTES :

1. SEWER PUMP-OUT BOX SHALL BE CONSTRUCTED ON PRIVATE PROPERTY AND LOCATED AT THE R/W LINE. THE PREFERRED CONSTRUCTION LAYOUT IS SHOWN ABOVE.
2. ASSEMBLY TO BE ENCLOSED WITHIN A 48"x48" (MIN) PRECAST CONCRETE BOX WITH OPEN BOTTOM W/H-20 TRAFFIC LOADING COVER OR TYPE "C" MANHOLE OPEN BOTTOM WITH FRAME AND COVER (NON-LOGO TYPE COVER).
3. A CITY APPROVED PLUG VALVE (4" MIN) SHALL BE PROVIDED AT THE R/W LINE FOR ALL FORCE MAIN PIPING WHICH EXCEEDS 15' LINEAR FEET WITHIN THE CITY R/W AREA. THE PLUG VALVE AT THE R/W LINE IS NOT REQUIRED WHERE THE CONNECTION (CONNECTION AT CITY MAIN) IS LOCATED ON THE SAME SIDE OF THE STREET AS THE PUMP-OUT BOX (SHORT-SIDE SERVICE) AND CONSIST OF 15 LINEAR FEET OR LESS WITHIN THE CITY R/W AREA.
4. NO CONNECTIONS PERMITTED INTO CITY FORCE MAINS WHICH ARE GREATER THAN 12" SIZE UNLESS THE CONNECTION IS FROM A MASTER PUMP STATION (441GPM, MIN.)
5. QUICK DISCONNECT WITH CAP SHALL BE ALUMINUM AND BE POSITIONED DIRECTLY UNDER MANHOLE LID FOR ACCESS.



**STANDARD CONSTRUCTION DETAIL
PRIVATE PUMP-OUT
DETAIL ASSEMBLY**

NTS.

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S-13

March 2022

IN ORDER TO ENSURE THAT NEW DEVELOPMENTS WITHIN THE CITY ARE CONSTRUCTED SUBSTANTIALLY IN ACCORDANCE WITH CITY REGULATIONS AND THE APPROVED DRAWINGS, THE FOLLOWING INFORMATION IS REQUIRED ON ALL PAVING AND DRAINAGE "AS-BUILT" DRAWINGS:

1. PAVEMENT AND CURB WIDTHS SHALL BE VERIFIED AND DIMENSIONED FOR EACH STREET AT EACH BLOCK. ALL RADII AT INTERSECTIONS SHALL BE VERIFIED AND DIMENSIONED. THIS INFORMATION TO CLEARLY INDICATE IT AS BEING "AS-BUILT" INFORMATION.
2. ROADWAY ELEVATIONS SHALL BE RECORDED AT ALL GRADE CHANGES OR OTHER INTERVALS AS NEEDED ALONG ALL STREETS. STREET CENTERLINE AND CURB INVERT ELEVATIONS SHALL BE RECORDED AS NOTED. THE "AS-BUILT" CENTERLINE PROFILE OF ALL STREETS SHALL ALSO BE SHOWN ON THE PLAN AND PROFILE SO IT MAY BE COMPARED TO THE EXISTING AND DESIGNED PROFILE GRADE LINES. ALL STREET CENTERLINES ON "AS-BUILTS" SHALL BE LABELED WITH STREET NAME AND RIGHT-OF-WAY WIDTH ON EVERY PAGE.
3. STORM DRAINAGE STRUCTURES SHALL BE LOCATED AND/OR DIMENSIONED FROM CENTERLINES OR LOT LINES AS APPROPRIATE.
4. STORM DRAINAGE PIPE INVERT AND STRUCTURE TOP AND BOTTOM ELEVATIONS SHALL BE RECORDED AND CLEARLY DENOTED AS "AS-BUILT" INFORMATION. DESIGN ELEVATIONS SHALL BE CROSSED OUT AND AS-BUILT INFORMATION WRITTEN NEXT TO IT.
5. STORM DRAINAGE PIPE MATERIAL, LENGTH, AND SIZE SHALL BE MEASURED AND/OR VERIFIED. THIS INFORMATION TO CLEARLY INDICATE IT AS BEING "AS-BUILT" INFORMATION.
6. ALL APPLICABLE TOPOGRAPHIC INFORMATION, PERTINENT TO THE ON SITE DRAINAGE SYSTEM SUCH AS DITCHES, LAKES, CANALS, ETC. THAT ARE DEEMED APPROPRIATE BY THE CITY SHALL BE NOTED. NORMALLY, RECORDING ELEVATIONS EVERY 100 FEET AT THE TOP OF BANK AND TOE OF SLOPE WILL BE REQUIRED. MEASUREMENTS SHALL BE TAKEN AND RECORDED IN ORDER TO ACCURATELY TIE DOWN THESE FEATURES TO THE ROADWAY CENTERLINES AND TO PLAT LINES. WHENEVER POSSIBLE, CONTOUR LINES SHALL BE UTILIZED TO GRAPHICALLY DESCRIBE THESE TOPOGRAPHIC FEATURES.
7. RETENTION AREAS SHALL HAVE THEIR TOP-OF-BANK AND BOTTOM ELEVATIONS RECORDED. ACTUAL MEASUREMENTS SHALL BE TAKEN AND DIMENSIONS RECORDED OF THE SIZE OF ALL RETENTION AREAS. MEASUREMENTS SHALL BE DONE FROM TOP-OF-BANK TO TOP-OF-BANK WITH SIDE SLOPES INDICATED. SEPARATE CALCULATIONS SHALL BE SUBMITTED TO INDICATE REQUIRED AND PROVIDED RETENTION VOLUMES.
8. STORM DRAINAGE SWALE CENTERLINES SHALL BE LOCATED AND ELEVATIONS OF FLOW LINE SHALL BE RECORDED EVERY 100 FEET.
9. ANY SPECIAL FEATURES SUCH AS CONCRETE FLUMES, LAKE BANKS, WALLS, FENCING, ETC., WHICH WERE A PART OF THE APPROVED CONSTRUCTION DRAWINGS SHOULD ALSO BE LOCATED AND DIMENSIONED.
10. SUBMIT CERTIFIED PAPER PRELIMINARY "AS-BUILTS" WITH REQUEST FOR FINAL INSPECTION. SUBMIT 3 SETS SHOWING STREET AND DRAINAGE FACILITIES. FOLLOWING FINAL INSPECTION AND COMMENTS, CONTRACTOR SHALL REVISE AS-BUILTS TO ADDRESS CITY COMMENTS AND SUBMIT 3 SETS CERTIFIED FINAL "AS-BUILTS". ALL "AS-BUILT" DRAWINGS SHALL BE CERTIFIED BY A REGISTERED LAND SURVEYOR AND CERTIFIED THAT THEY HAVE BEEN REVIEWED BY ENGINEER OF RECORD. PROVIDE A CD OF AUTOCAD DRAWINGS AND PDF FILES OF EACH INDIVIDUAL SHEET (CITY TO APPROVE THE VERSION OF AUTOCAD). AS-BUILTS SHALL BE IN STATE PLANE COORDINATES. HORIZONTAL COORDINATES SHALL BE IN NAD 1983 AND VERTICAL COORDINATES IN NAVD 1988.



STANDARD CONSTRUCTION DETAIL
 REQUIREMENTS FOR "AS-BUILT" DRAWINGS
 (PAVING & DRAINAGE)

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M-1A

March 2022

IN ORDER TO ENSURE THAT NEW DEVELOPMENTS WITHIN THE CITY ARE CONSTRUCTED SUBSTANTIALLY IN ACCORDANCE WITH CITY REGULATIONS AND THE APPROVED DRAWINGS, THE FOLLOWING INFORMATION IS REQUIRED ON ALL WATER AND SEWER "AS-BUILT" DRAWINGS:

1. SANITARY SEWER MANHOLES SHALL BE VERIFIED AND DIMENSIONED FROM STREET CENTERLINES OR LOT LINES AS APPROPRIATE. ALL RIM AND INVERT ELEVATIONS SHALL BE VERIFIED AND RECORDED. THIS INFORMATION TO CLEARLY INDICATE IT AS BEING AS-BUILT INFORMATION.
2. SANITARY SEWER LINE LENGTHS, SIZES, MATERIAL, SLOPE, ETC., SHALL BE VERIFIED AND RECORDED. THIS INFORMATION TO CLEARLY INDICATE IT AS BEING AS-BUILT INFORMATION.
3. SEWER LATERALS SHALL BE VERIFIED AND RECORDED AT THEIR CLEAN-OUT LOCATIONS. STATIONING AND OFFSET DISTANCES SHALL BE MEASURED FROM DOWNSTREAM MANHOLES TOWARDS UPSTREAM MANHOLES.
4. LIFT STATIONS AND FORCE MAINS SHALL BE VERIFIED AND DIMENSIONED FROM STREET CENTERLINES OR LOT LINES AS APPROPRIATE. FORCE MAIN DEPTH AND LOCATION INCLUDING VALVES WILL BE PROVIDED AND TIED TO PERMANENT ABOVE GRADE FEATURES EVERY 500 FEET. DIMENSIONAL AND ELEVATION INFORMATION INDICATED ON THE APPROVED PLAN SHALL BE VERIFIED AND RECORDED. THIS INFORMATION TO CLEARLY INDICATE IT AS BEING AS-BUILT INFORMATION. BURIED ELECTRICAL SERVICE LINE SHALL BE CLEARLY DIMENSIONED, LOCATED AND LABELED.
5. CURB CUTS OR METAL TABS, USED TO MARK SEWER LATERALS, WATER SERVICES AND WATER VALVES, SHALL BE VERIFIED FOR PRESENCE AND ACCURACY OF LOCATION.
6. WATER MAIN LINES SHALL BE DIMENSIONED OFF THE BACK OF CURB OR EDGE OF PAVEMENT IF NO CURB IS PRESENT. WATER MAIN LINE MATERIAL, SIZE, LENGTH AND DEPTH PLACED SHALL ALSO BE NOTED. THIS INFORMATION TO CLEARLY INDICATE IT AS BEING AS-BUILT INFORMATION.
7. WATER VALVES, TEES, ALL SERVICES, BLOW-OFFS AND FIRE HYDRANTS SHALL BE LOCATED BY TYING THEM TO SANITARY SEWER MANHOLES. STATIONING AND OFFSET DISTANCES SHALL BE MEASURED FROM DOWNSTREAM MANHOLES TO UPSTREAM MANHOLES.
8. SUBMIT CERTIFIED PAPER PRELIMINARY "AS-BUILTS" WITH REQUEST FOR FINAL INSPECTION. SUBMIT 3 SETS SHOWING WATER FACILITIES AND 3 WITH SEWER FACILITIES. FOLLOWING FINAL INSPECTION AND COMMENTS, CONTRACTOR SHALL REVISE AS-BUILTS TO ADDRESS CITY COMMENTS AND SUBMIT 3 SETS CERTIFIED FINAL "AS-BUILTS".(5 SETS FOR SUBDIVISIONS) ALL "AS-BUILT" DRAWINGS SHALL BE CERTIFIED BY A REGISTERED LAND SURVEYOR AND ENGINEER OF RECORD. PROVIDE A CD OF AUTOCAD DRAWINGS AND PDF FILES OF EACH INDIVIDUAL SHEET.

NOTE: REFERENCES TO WATER SHALL MEAN BOTH POTABLE AND RECLAIMED WATER.



STANDARD CONSTRUCTION DETAIL
 REQUIREMENTS FOR AS BUILT DRAWINGS
 (WATER & SEWER)

INDEX

M-1B

March 2022

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY LAND DEVELOPMENT CODE REQUIREMENTS, AND THE MINIMUM STANDARD CONSTRUCTION DETAILS AND CONSTRUCTION SPECIFICATIONS. AN ENGINEERING PERMIT AND TREE REMOVAL PERMIT IS REQUIRED PRIOR TO STARTING CONSTRUCTION.
2. NO LAND SHALL BE CLEARED, EXCAVATED OR FILLED AND NO STRUCTURE SHALL BE ERECTED, REPAIRED OR DEMOLISHED WITHOUT PROPER PERMIT(S) AS REQUIRED BY THE CITY.
3. NOTIFY THE CITY UTILITY DIVISION AT (386)437-7515 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
4. ANY CONSTRUCTION CHANGES TO APPROVED PLANS SHALL BE SUBMITTED TO THE CITY FOR APPROVAL PRIOR TO PERFORMING THE WORK.
5. ROAD CONSTRUCTION AND PIPE INSTALLATION COMPACTION AND DENSITY TESTING SHALL CONFORM TO THE CITY MINIMUM REQUIREMENTS. CERTIFIED COPIES OF TEST REPORTS SHALL BE SUBMITTED TO THE CITY INSPECTOR AND THE CITY'S ENGINEERING DIVISION.
6. A PRE-PAVING UTILITY INSPECTION MUST BE REQUESTED AND COMPLETED PRIOR TO THE PAVING OF ALL ROADS, STREETS, AND PARKING AREAS.
7. A FINAL INSPECTION, TO BE CONDUCTED BY THE CITY, SHALL BE PERFORMED ON ALL CONSTRUCTION. THE DESIGN ENGINEER SHALL NOTIFY THE CITY UTILITY DIVISION AT (386)437-7515 WHEN REQUESTING A FINAL INSPECTION.
8. THREE COMPLETE SETS OF AS-BUILT DRAWINGS (5 FOR SUBDIVISIONS) ARE REQUIRED TO BE SUBMITTED TO THE CITY PRIOR TO REQUESTING A FINAL INSPECTION.
9. CONSTRUCTION SITES THAT DISTURB ONE ACRE OR MORE WILL BE REQUIRED TO SEEK COVERAGE UNDER THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. IN ACCORDANCE WITH THIS REQUIREMENT, A STORMWATER POLLUTION PREVENTION PLAN (SWPP) MUST BE SUBMITTED TO THE CITY'S UTILITY DIVISION PRIOR TO CONSTRUCTION TO BE IN COMPLIANCE WITH THE PERMIT.
10. CONTRACTOR WILL FOLLOW REQUIRED WASTE MANAGEMENT PRACTICES
11. SEEDING OR SODDING SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED.
12. ANY FIELD MODIFICATIONS OR DEVIATIONS TO THE CONSTRUCTION PLANS REQUIRE WRITTEN APPROVAL BY BOTH THE ENGINEER OF RECORD AND THE CITY UTILITY DIVISION.
13. ANY DIRECTIONAL BORES WILL BE PER SECTION 555 OF FDOT STANDARD SPECIFICATIONS (LATEST EDITION)

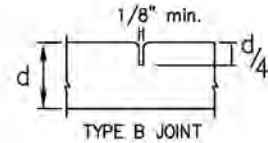
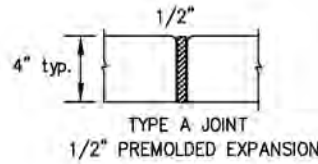
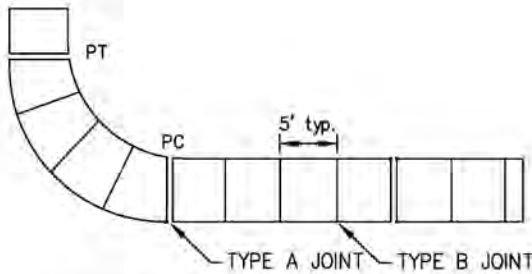


STANDARD CONSTRUCTION DETAIL
GENERAL CONSTRUCTION NOTES

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March 2022



1. SIDEWALKS, BIKEPATHS, RAMPS, AND DRIVEWAY APRONS SHALL BE CONSTRUCTED OF PLAIN PORTLAND CEMENT CONCRETE WITH A MAXIMUM SLUMP OF 6 +/- 1 INCHES, A MINIMUM DEVELOPED COMPRESSIVE STRENGTH OF 3000 P.S.I. IN 28 DAYS, AND A MINIMUM UNIFORM THICKNESS OF 4 INCHES WHERE INTENDED SOLELY FOR PEDESTRIAN TRAFFIC, AND 6 INCHES THICK WHERE MOTOR VEHICLES ARE LIKELY TO CROSS. SIDEWALKS SHALL BE 5 FOOT WIDE UNLESS OTHERWISE SHOWN ON PLANS.
2. SIDEWALKS AND BIKE PATHS SHALL BE PLACED PARALLEL TO, AND ONE FOOT WITHIN THE RIGHT-OF-WAY LINE EXCEPT THAT THE CITY MAY APPROVE DEVIATIONS TO SAVE SPECIMEN TREES PROVIDED THAT THE PAVEMENT REMAINS WITHIN THE RIGHT-OF-WAY, IS NOT DIMINISHED IN WIDTH, AND REMAINS AT LEAST 4 FEET FROM THE EDGE OF THE STREET PAVEMENT, UNLESS OTHERWISE APPROVED BY THE CITY.
3. THE TOP OF THE CONCRETE SHALL BE AT AN ELEVATION NO LOWER THAN THE CROWN OF THE ADJACENT ROADWAY, AND NO HIGHER THAN 6 INCHES ABOVE THE CROWN UNLESS APPROVED BY THE CITY TO MAKE A MORE NATURAL TRANSITION WITH THE ADJACENT LAND.
4. ALL WALKS SHALL HAVE A CROSS SLOPE OF 1/4 INCH PER FOOT AND SHALL NOT EXCEED A LONGITUDINAL SLOPE OF 1:20, EXCEPT AT DESIGNATED RAMPS THAT SHALL NOT EXCEED 1:12. PROVIDE A TACTILE WARNING SURFACE AT ALL RAMPS PER A.D.A. THE CONTRACTOR SHALL INSURE THAT ALL PROVISIONS OF A.D.A AND FLORIDA ACCESSIBILITY CODE ARE MET.
5. ISOLATION JOINTS (TYPE A JOINTS) SHALL BE PROVIDED BETWEEN EXISTING SLABS OR STRUCTURES AND FRESH CONCRETE, TO SEPARATE PEDESTRIAN SECTIONS FROM SECTIONS WHICH WILL ENCOUNTER VEHICLE TRAFFIC, TO SEPARATE FRESH PLACEMENT FROM CONCRETE WHICH HAS SET FOR MORE THAN 60 MINUTES, AND NO FARTHER APART THAN 100 FEET IN SIDEWALKS AND BIKEPATHS. JOINT MATERIAL SHALL BE SPECIFIED IN FOOT STANDARDS AND SPECIFICATIONS AND SHALL BE RUBBER, PLASTIC OR OTHER APPROVED NON-BIODEGRADABLE ELASTOMERIC MATERIAL. WOOD IS PROHIBITED.
6. CONTROL JOINTS (TYPE B JOINTS) SHALL BE TOOLED INTO THE FRESH CONCRETE TO A DEPTH EQUAL TO 1/4 THE SLAB THICKNESS AND SPACED APART A DISTANCE EQUAL TO THE WIDTH OF THE SLAB OR 5 FEET WHICHEVER IS GREATEST.
7. THE SLAB SURFACE SHALL BE BROOM FINISHED TO BE SLIP RESISTANT, AND SHALL MATCH AS CLOSELY AS POSSIBLE THE FINISH OF THE EXISTING ADJACENT SLABS AND ALL EDGES SHALL BE TOOLED TO ELIMINATE SHARP CORNERS.
8. THE BEARING SUBSURFACE SHALL HAVE ALL ORGANIC, LOOSE, AND DELETERIOUS MATTER REMOVED, AND THE REMAINING CLEAN SOIL SHALL BE SMOOTH, SOUND, AND SOLID. ANY FILL MATERIAL SHALL BE COMPACTED WITH A VIBRATORY OR IMPACT COMPACTION MACHINE IN MAXIMUM 12 INCH LIFTS OR COMPACTED WITH A HAND TAMPER IN MAXIMUM 4 INCH LIFTS. THE CITY SHALL REQUIRE A COMPACTION TEST FOR EACH LIFT IF THE TOTAL FILLED SECTION IS MORE THAN 12 INCHES DEEP OR IF THE SUBSURFACE HAS BEEN DISTURBED MORE THAN 12 INCHES DEEP. WHERE SUCH TEST IS REQUIRED, THE RESULTS SHALL SHOW A MINIMUM PROCTOR FIELD DENSITY OF 95 PERCENT.
9. ALL CONCRETE WORK IN THE RIGHT-OF-WAY SHALL BE INSPECTED BY THE CITY AFTER THE SUBSOIL IS PREPARED AND THE FORMS ARE SET, BUT BEFORE THE CONCRETE PLACEMENT BEGINS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE FINISHED SLAB FROM ALL DAMAGE AND VANDALISM UNTIL THE CITY ACCEPTS OR APPROVES THE SLAB, AFTER WHICH TIME THE OWNER OF THE ABUTTING LAND SHALL BE RESPONSIBLE FOR THE SLAB IN ACCORDANCE WITH THE CITY CODE. ANY SLAB SECTION DAMAGED OR VANDALIZED PRIOR TO ACCEPTANCE OR APPROVAL SHALL BE CUT OUT BETWEEN JOINTS AND REPLACED. REPAIRS ARE NOT ACCEPTABLE.
11. SIDEWALKS LOCATED WITHIN THE RIGHT-OF-WAY SHALL NOT BE TINTED, STAINED, COLORED, OR COATED.
12. ALL FORMS SHALL BE REMOVED PRIOR TO ACCEPTANCE OR APPROVAL AND THE DISTURBED GROUND SHALL BE BACKFILLED, REGRADED, AND SODDED SO THAT THE WEAR SURFACE OF THE CONCRETE IS REASONABLY FLUSH WITH THE ADJACENT GRADE.



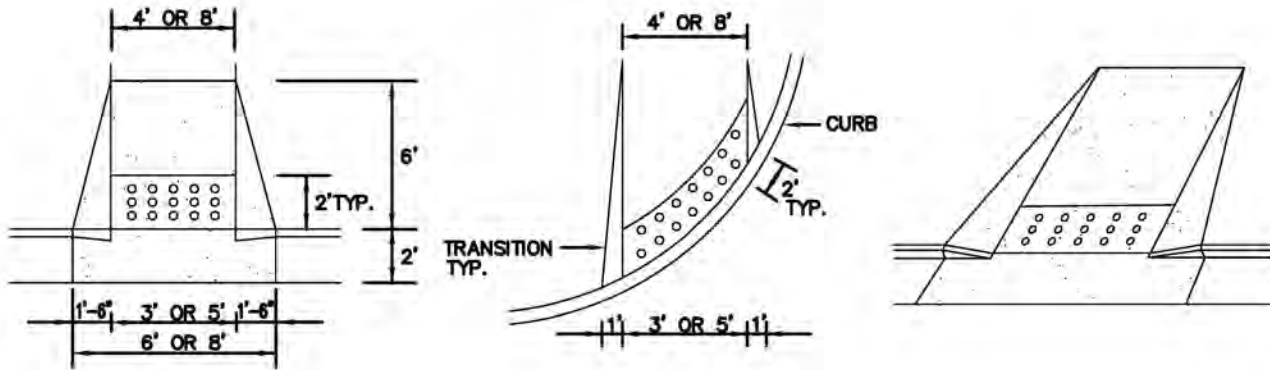
STANDARD CONSTRUCTION DETAIL
SIDEWALK, RAMP, AND DRIVEWAY APRON
CONSTRUCTION REQUIREMENTS

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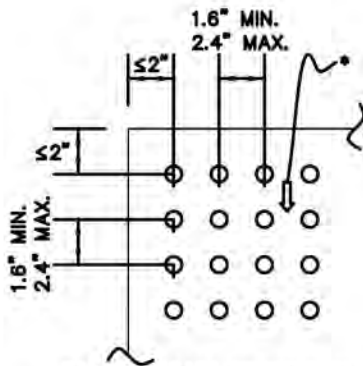
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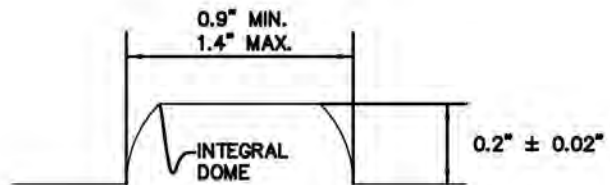


NOTES:

1. RAMP LOCATIONS ARE TO BE COORDINATED WITH AND IN CONFORMANCE WITH CROSSWALK MARKING DETAILS SHOWN IN THE PLANS.
2. CURBED RAMPS SHALL HAVE FLARED SIDES WITH A MAXIMUM SLOPE OF 12:1.
3. RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE AS SHOWN.
4. RAMPS ARE TO BE CONSTRUCTED AT ALL LOCATIONS SHOWN IN THE PLANS EVEN WHEN A SIDEWALK IS NOT CONSTRUCTED CONCURRENTLY.
5. NO CURB TRANSITION IS NEEDED FOR MIAMI CURBS.
6. ALL RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT INDEX NO. 304 AND HANDICAPPED ACCESSIBILITY REQUIREMENTS IN ACCORDANCE WITH THE AMERICAN DISABILITIES ACT.



BASE-TO-BASE SPACING SHALL BE 0.65" MINIMUM BETWEEN DOMES.



NOTES:

- ** ON RAMPS THAT ARE PERPENDICULAR WITH THE CURB LINE, THE DOME PATTERN SHALL BE IN-LINE WITH THE DIRECTION OF TRAVEL. ON RAMPS INTERSECTING CURBS ON A RADIUS, THE DOME PATTERN SHALL BE IN-LINE WITH THE DIRECTION OF TRAVEL TO THE EXTENT PRACTICAL.

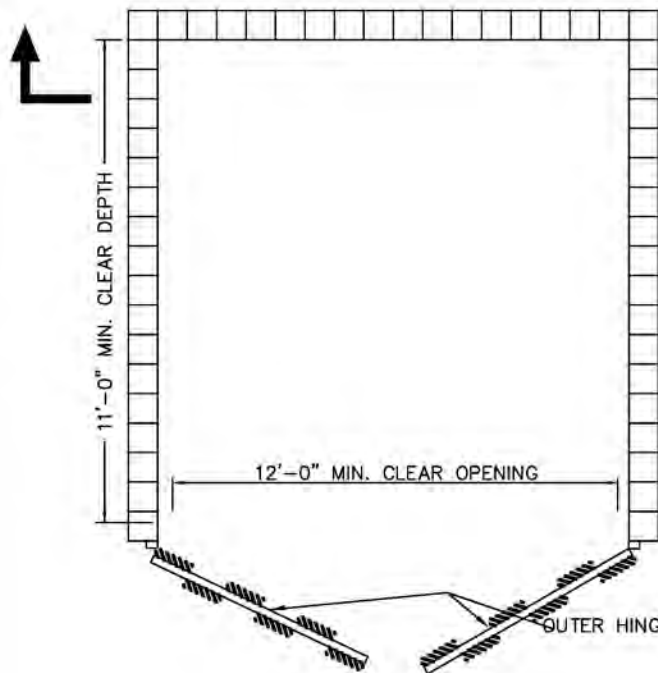


STANDARD CONSTRUCTION DETAIL
SIDEWALK AND BIKE PATH RAMP
NTS

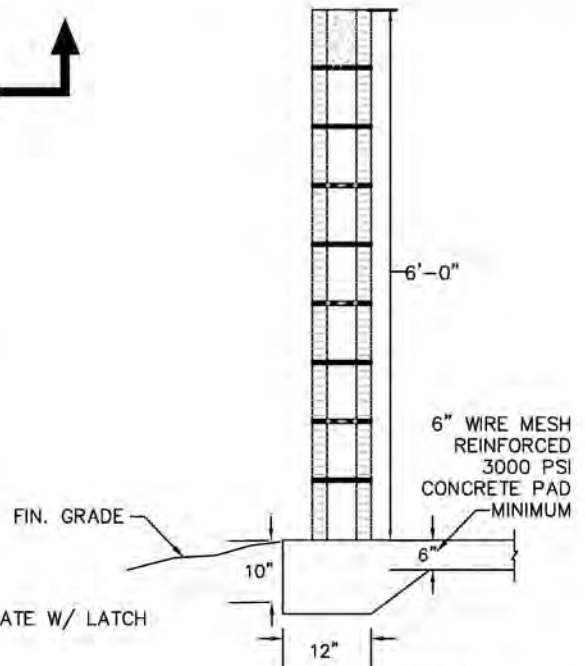
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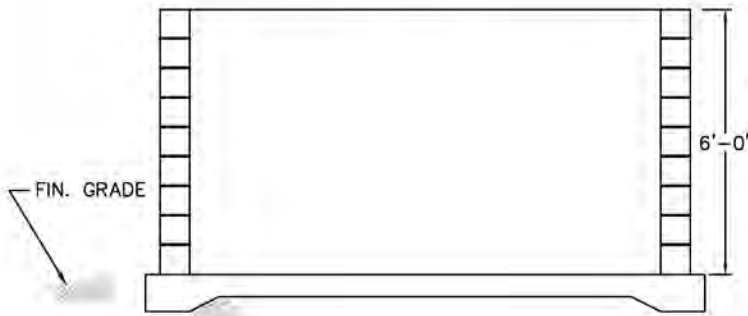
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PLAN VIEW



WALL SECTION



SECTION

NOTE TO DESIGNER:

1. THIS DETAIL REFLECTS CITY DIMENSIONAL REQUIREMENTS FOR THE DUMPSTER ENCLOSURE ONLY.
2. PROVIDE PROPOSED WALL MATERIAL AND HORIZONTAL AND VERTICAL WALL REINFORCING REQUIREMENTS.
3. PROVIDE PROPOSED SLAB DESIGN REQUIREMENTS INCLUDING REINFORCING.
4. PROVIDE ANY OTHER CONSTRUCTION DETAILS THAT MAY BE REQUIRED.

NOTES:

- 1) BLOCK MUST BE FINISHED WITH STUCCO AND PAINTED
- 2) DUMPSTER STRUCTURE SHALL MEET THE REQUIREMENTS OF THE LAND DEVELOPEMENT CODE (LDC).
- 3) SHRUB PLANTINGS REQUIRED (MIN. 3-FOOT WIDE PLANTING AREA) AROUND PERIMETER WALLS (EXCEPT OPENING).
- 4) GATES TO BE CONSTRUCTED OF PRESSURE-TREATED WOOD, OR APPROVED EQUAL.
- 5) DUMPSTER ENCLOSURE HEIGHT MAY BE INCREASED TO A MAXIMUM HEIGHT OF EIGHT (8) FEET.

NB- The City of Bunnell Solid Waste Director may grant exceptions if compliance is deemed to be impossible or impractical

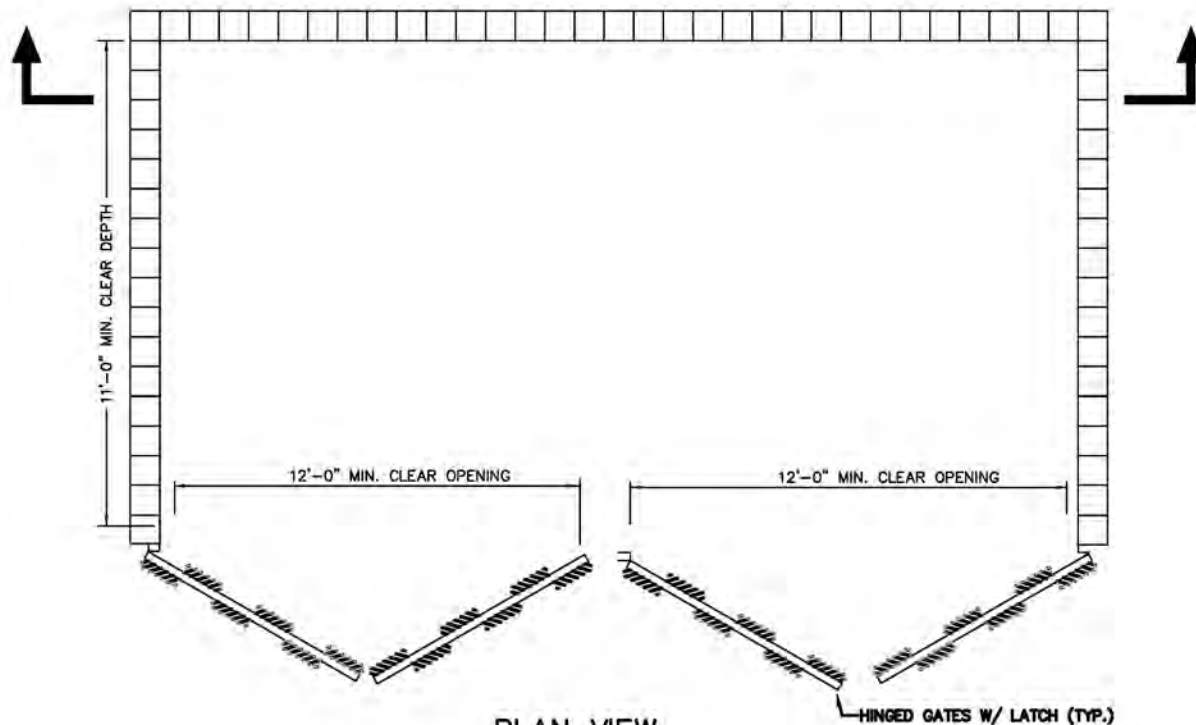


STANDARD CONSTRUCTION DETAIL
SINGLE USE DUMPSTER ENCLOSURE
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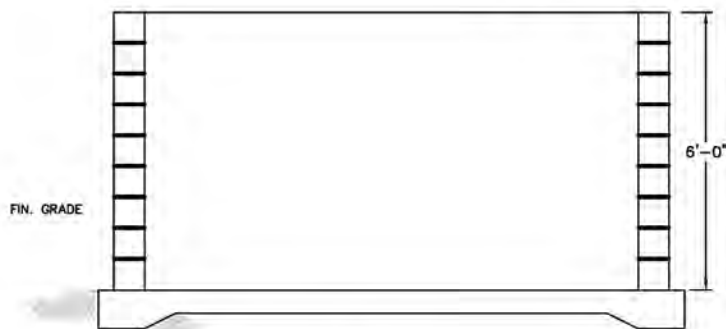
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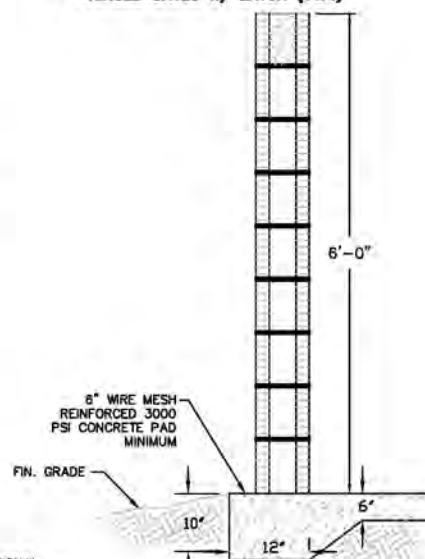
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PLAN VIEW



SECTION



WALL SECTION

NOTES:

- 1) BLOCK MUST BE FINISHED WITH STUCCO AND PAINTED TO MATCH BUILDING.
- 2) DUMPSTER STRUCTURE SHALL MEET THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE (LDC).
- 3) SHRUB PLANTINGS REQUIRED (MIN. 3-FOOT WIDE PLANTING AREA) AROUND PERIMETER WALLS (EXCEPT OPENING).
- 4) GATES TO BE CONSTRUCTED OF PRESSURE-TREATED WOOD, OR APPROVED EQUAL.
- 5) DUMPSTER ENCLOSURE HEIGHT MAY BE INCREASED TO A MAXIMUM HEIGHT OF (8) FEET

NOTE TO DESIGNER:

1. THIS DETAIL REFLECTS CITY DIMENSIONAL REQUIREMENTS FOR THE DUMPSTER ENCLOSURE ONLY.
2. PROVIDE PROPOSED WALL MATERIAL AND HORIZONTAL AND VERTICAL WALL REINFORCING REQUIREMENTS.
3. PROVIDE PROPOSED SLAB DESIGN REQUIREMENTS INCLUDING REINFORCING.
4. PROVIDE ANY OTHER CONSTRUCTION DETAILS THAT MAY BE REQUIRED.

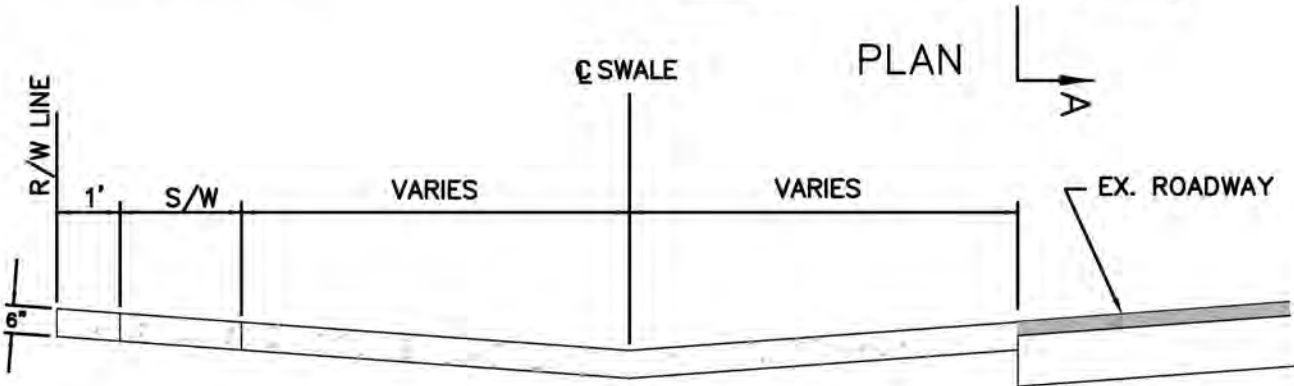
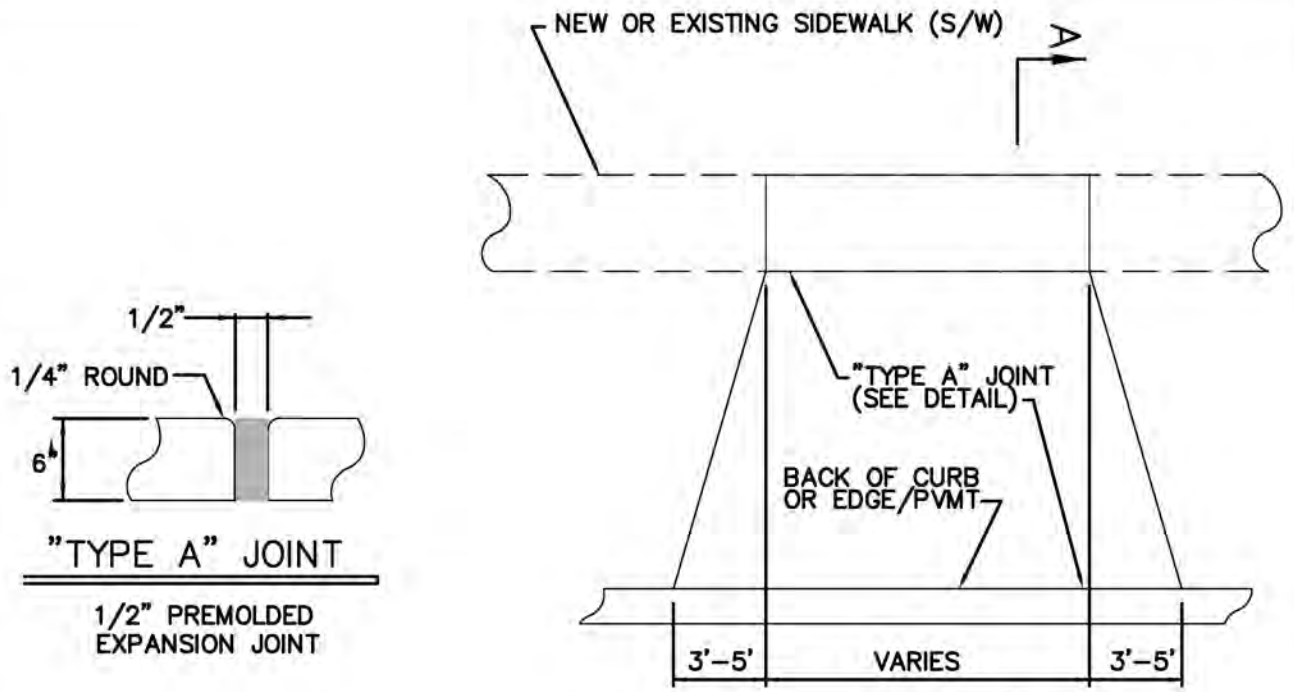


**STANDARD CONSTRUCTION DETAIL
DUAL-USE DUMPSTER ENCLOSURE
NTS.**

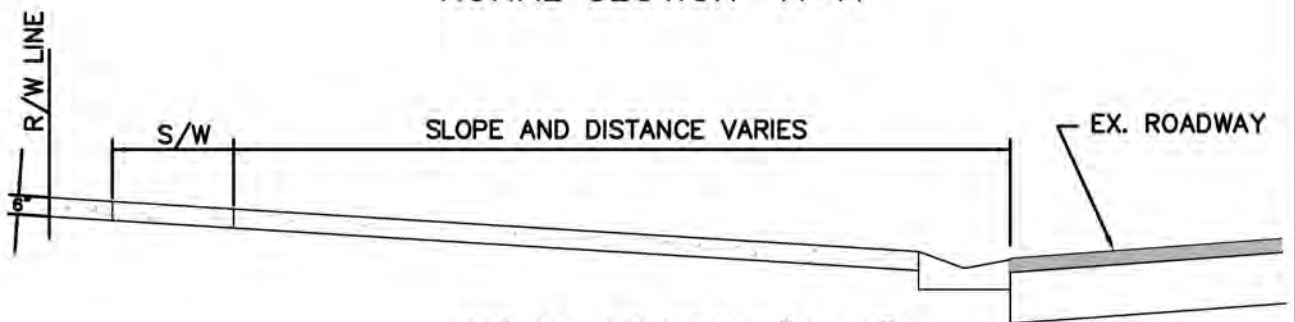
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RURAL SECTION "A-A"



URBAN SECTION "A-A"

DRIVEWAY APRON BASE TO BE COMPACTED AND TESTED TO 95% DENSITY WITH MINIMUM L.B.R. 40 BASED ON AASHTO MODIFIED PROCTOR TEST F.B.V.-75
 CONCRETE DRIVEWAY APRON TO BE 28 DAY, 3000 PSI.

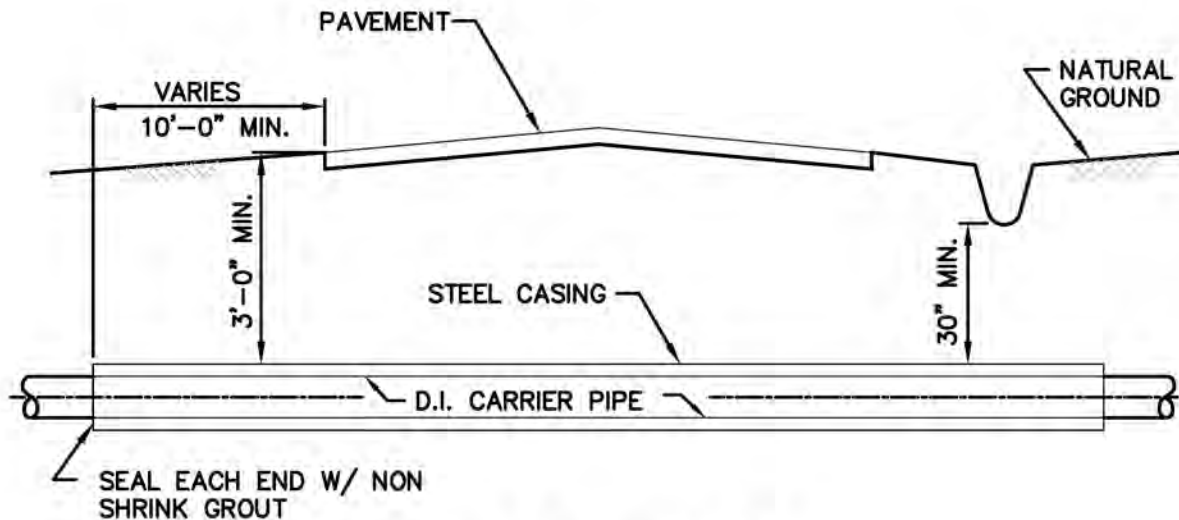


STANDARD CONSTRUCTION DETAIL
 RESIDENTIAL DRIVEWAY APRON
 DRAWINGS
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NOTE: BORING & JACKING TO BE IN ACCORDANCE W/ FLA. D.O.T. SPECs.

NOTES

1. MINIMUM COVER FOR TOP OF CASING ON ALL CITY STREETS SHALL BE 3.0'
2. ROTATION OF CARRIER PIPE INSIDE THE CASING PIPE WILL NOT BE PERMITTED. RESTRAINED MECHANICAL OR FLANGED JOINT PIPE SHALL BE USED TO HELP PREVENT SUCH ROTATION.
3. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF CASING AND CARRIER PIPE INSTALLATION FOR APPROVAL PRIOR TO FABRICATION OF PIPING, CASING, AND APPURTENANCES. CERTIFICATION OF CASING PIPE IS REQUIRED.
4. GROUTING OF SPACE BETWEEN CASING AND CARRIER PIPE NOT REQUIRED UNLESS NEGATIVE FLOTATION EXISTS.
5. WELDING OF CASING PIPE TO BE DONE BY CERTIFIED WELDER. ALL ENDS OF CASING PIPE SHALL BE CHAMFERED PRIOR TO ANY WELDING.
6. SEAL END OF CASING PIPE WITH NON-SHRINK GROUT.
7. CITY INSPECTOR SHALL BE PRESENT THROUGHOUT ALL BORE AND JACK ACTIVITIES.

NOTE TO ENGINEER

CROSSING DETAIL SHALL BE TO SIZE AND SCALE. SHOW ALL EXISTING UTILITIES, CLEARANCES, CARRIER AND CASING SIZE AND LENGTH, LOCATION OF PAVED ROAD, LIMITS OF RIGHT OF WAY, EXISTING AND PROPOSED SPOT ELEVATIONS AND PROPOSED PIPE INVERT ELEVATIONS.

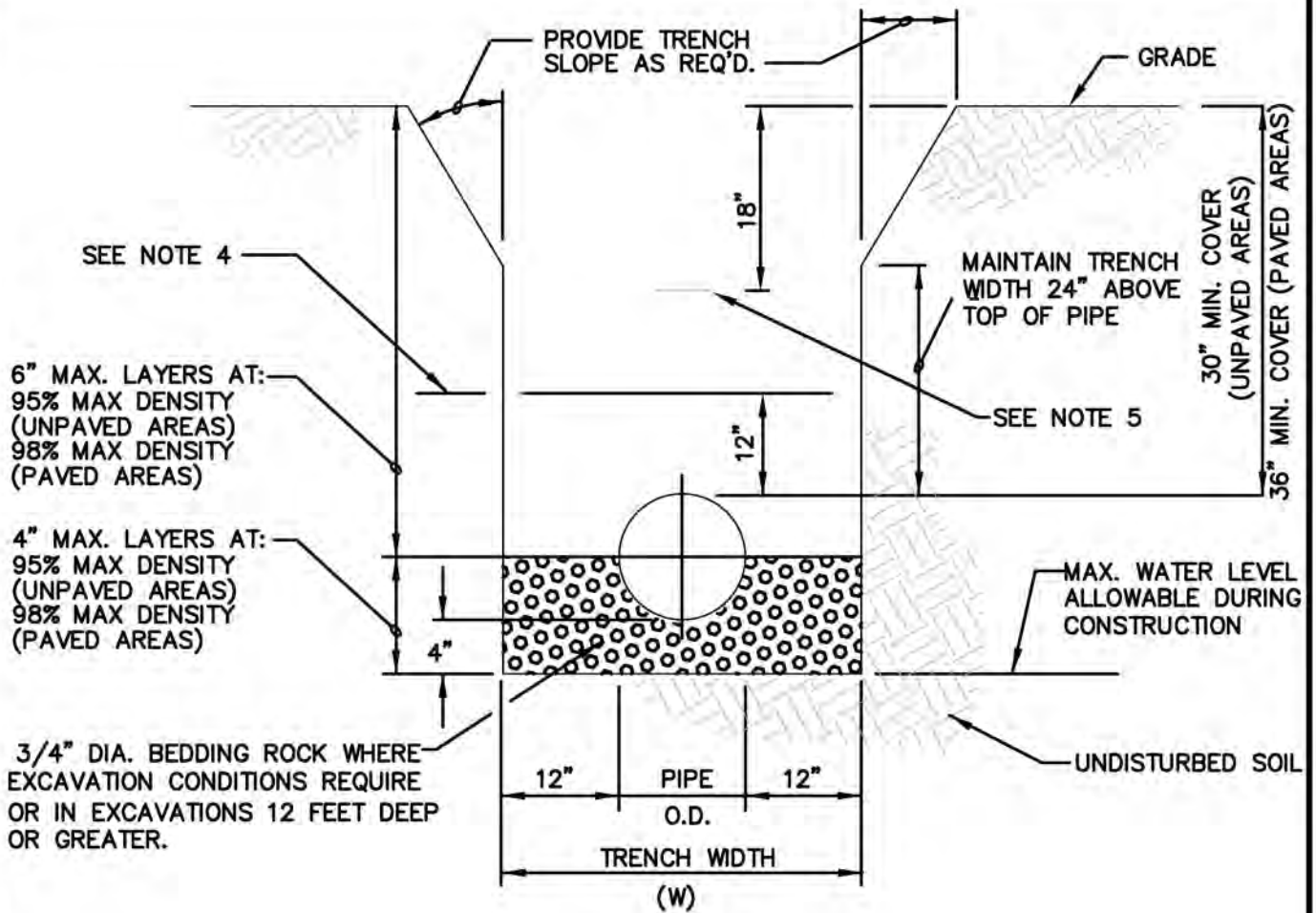


STANDARD CONSTRUCTION DETAIL
BORE AND JACK
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PIPE INSTALLATION DETAIL

NOTES:

1. WHERE SOIL CONDITIONS CAN NOT BE MAINTAINED AS SHOWN ABOVE, PROVIDE APPROVED METHOD OF CONSTRUCTION.
2. SHEETING WILL BE REQUIRED AS DETERMINED IN THE FIELD.
3. COMPACTION PERCENTAGES SHOWN REFER TO A.A.S.H.T.O. T-180. PROVIDE COPIES OF CERTIFIED TEST REPORTS TO CITY INSPECTOR.
4. MECHANICAL COMPACTION NOT ALLOWED BELOW THIS LEVEL.
5. INSTALL METALLIC TAPE OVER FULL LENGTH OF PIPE.

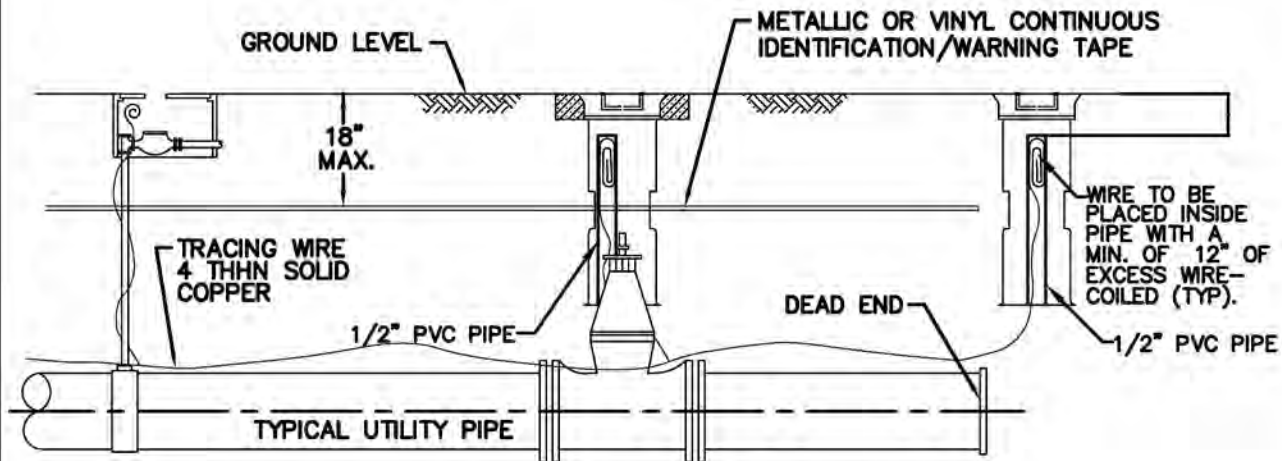


STANDARD CONSTRUCTION DETAIL
PIPE INSTALLATION
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ALL PVC PIPE, OR OTHER CITY APPROVED NONMETALLIC PIPE INSTALLED WITHIN THE CITY'S WATER, SANITARY SEWER, OR RECLAIMED WATER SYSTEMS, SHALL BE INSTALLED WITH 4 THHN SOLID COPPER TRACING WIRE. IF PIPE IS INSTALLED BY DIRECTIONAL BORE, USE (2) 10 THHN SOLID COPPER TRACING WIRE.

THE TRACING WIRE MUST BE INSTALLED DIRECTLY ABOVE THE PIPE, TAPED AT 10 & 2 O'CLOCK ON THE PIPE, AND BROUGHT TO THE SURFACE AT 500' MINIMUM INTERVALS. WIRE SHALL EXTEND A MINIMUM OF 12" ABOVE GRADE AT EACH INTERVAL AND BE COILED AND PLACED IN A VALVE BOX, METER BOX, MANHOLE, CLEANOUT OR OTHER APPLICABLE STRUCTURE. NO END OF WIRE ROLL SPLICES WILL BE PERMITTED AT THE END OF A ROLL. THE TRACING WIRE MUST BE BROUGHT TO THE SURFACE AND TERMINATED IN A VALVE BOX.

TRACING WIRE BETWEEN INTERVALS SHALL BE INSTALLED SO AS TO PROVIDE CONTINUOUS CURRENT WHEN LINE LOCATION EQUIPMENT IS CONNECTED TO THE TRACING WIRE. WIRE BRANCHING FROM MAIN LINES SHALL BE LINKED BY A CITY APPROVED CONNECTOR SUCH AS KING # 2011 SAFETY SEALED CONNECTORS OR APPROVED EQUAL.

COLOR CODING:

POTABLE WATER SYSTEM:
RECLAIMED WATER SYSTEM:

BLUE
LAVENDER
GREEN

SANITARY SEWER FORCE MAIN SYSTEM:

1. POTABLE WATER AND RECLAIMED WATER SYSTEMS: WIRE SHALL BE INSTALLED ABOVE ALL MAINS AND SERVICE LINES, TAPED AT 10 & 2 O'CLOCK AND ATTACHED TO VALVES, HYDRANTS AND FITTINGS. WIRE INSTALLED WITH SERVICE LINES SHALL CONNECT TO THE WIRE INSTALLED ABOVE THE MAIN AND EXTEND TO THE CURB STOP.
2. FIRE SPRINKLER LINES: WIRE SHALL CONNECT TO THE WIRE INSTALLED ABOVE THE MAIN, TAPED AT 10 & 2 O'CLOCK AND EXTEND TO THE RISER CONNECTION.
3. SANITARY SEWER FORCE MAINS: WIRE SHALL BE INSTALLED ABOVE THE FORCE MAIN, TAPED AT 10 & 2 O'CLOCK ON THE PIPE, ATTACHED TO ALL VALVES & FITTINGS AND BROUGHT TO THE SURFACE AND PLACED IN A METAL, CITY APPROVED, VALVE BOX.
4. DEAD END MAINS: WIRE SHALL BE PLACED IN A PROPERLY IDENTIFIED METAL VALVE BOX AT THE END OF THE RUN.
5. WIRE SHALL NOT BE FASTENED OR COILED TO VALVE OPERATING NUT.
6. CONTINUITY TESTING OF THE TRACING WIRE WITH A CERTIFICATION STATEMENT BY THE TESTING AGENCY MUST OCCUR PRIOR TO ACCEPTANCE OF ANY PIPE BY THE CITY.

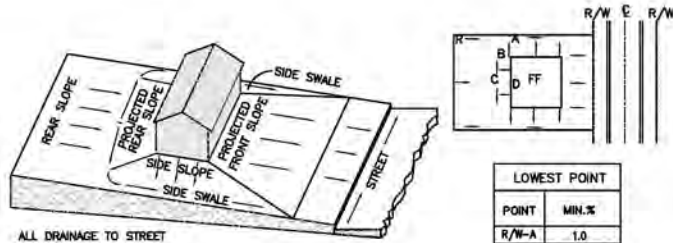


STANDARD CONSTRUCTION DETAIL
UTILITY PIPE LOCATION MATERIALS
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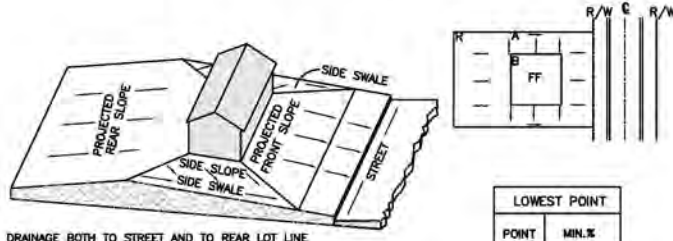
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ALL DRAINAGE TO STREET
 (A) DENOTES LOT GRADING TYPE

LOWEST POINT	
POINT	MIN. %
R/W-A	1.0
B-A	5.0
C-B	1.0
D-C	2.0
D-FF	MIN. 0.67
R-A	1.0

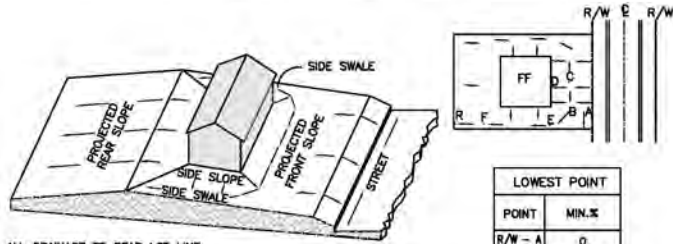
LOT GRADING PLAN "A"
 N.T.S.



DRAINAGE BOTH TO STREET AND TO REAR LOT LINE
 (B) DENOTES LOT GRADING TYPE

LOWEST POINT	
POINT	MIN. %
R/W-A	1.0
B-A	5.0
B-FF	MIN. 0.7
A-R	1.0

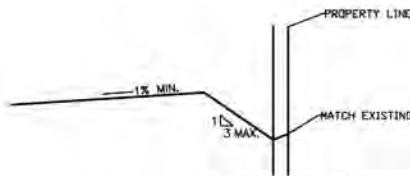
LOT GRADING PLAN "B"
 N.T.S.



ALL DRAINAGE TO REAR LOT LINE
 (C) DENOTES LOT GRADING TYPE

LOWEST POINT	
POINT	MIN. %
R/W - A	0
A - B	MAX. 13.5
B - C	1.0
C - D	5.0'
D - FF	0.67'
B - E	1.0
E - F	1.0
F - R	1.0

LOT GRADING PLAN "C"
 N.T.S.



LOT GRADING PLANS
 N.T.S.

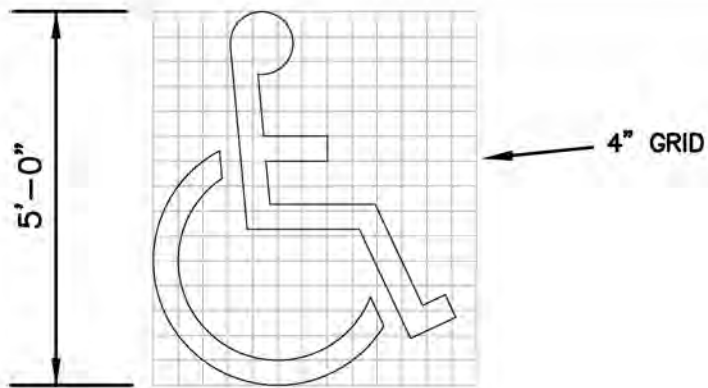


STANDARD CONSTRUCTION DETAIL
 LOT GRADING PLAN
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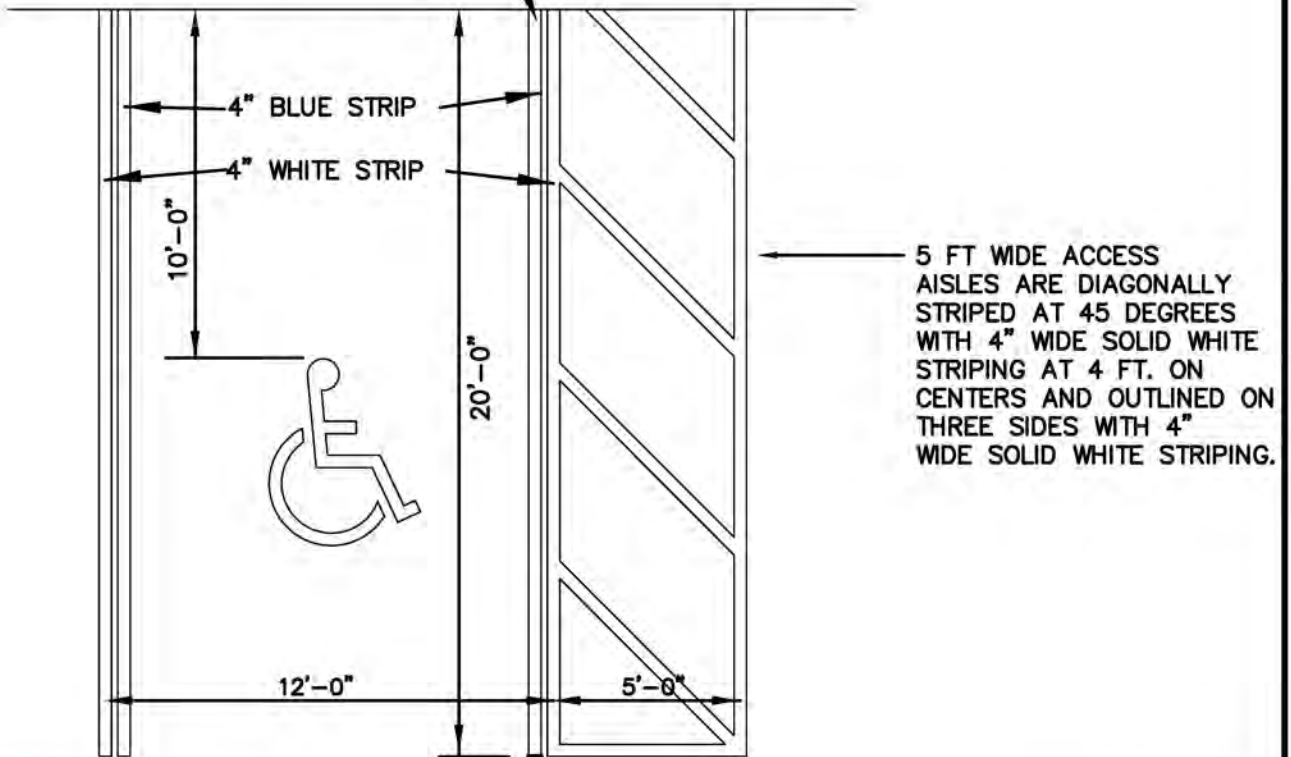
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**HANDICAPPED
PAVEMENT SYMBOL**

USE OF PAVEMENT SYMBOL IN HANDICAPPED PARKING SPACES IS REQUIRED. THE SYMBOL SHALL BE 5 FT. HIGH AND WHITE TO BE INSTALLED IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX #711-001 (SHEET 11)

BLUE STRIP IS TO BE TINTED TO MATCH SHADE 15180 OF FEDERAL STANDARDS 595A

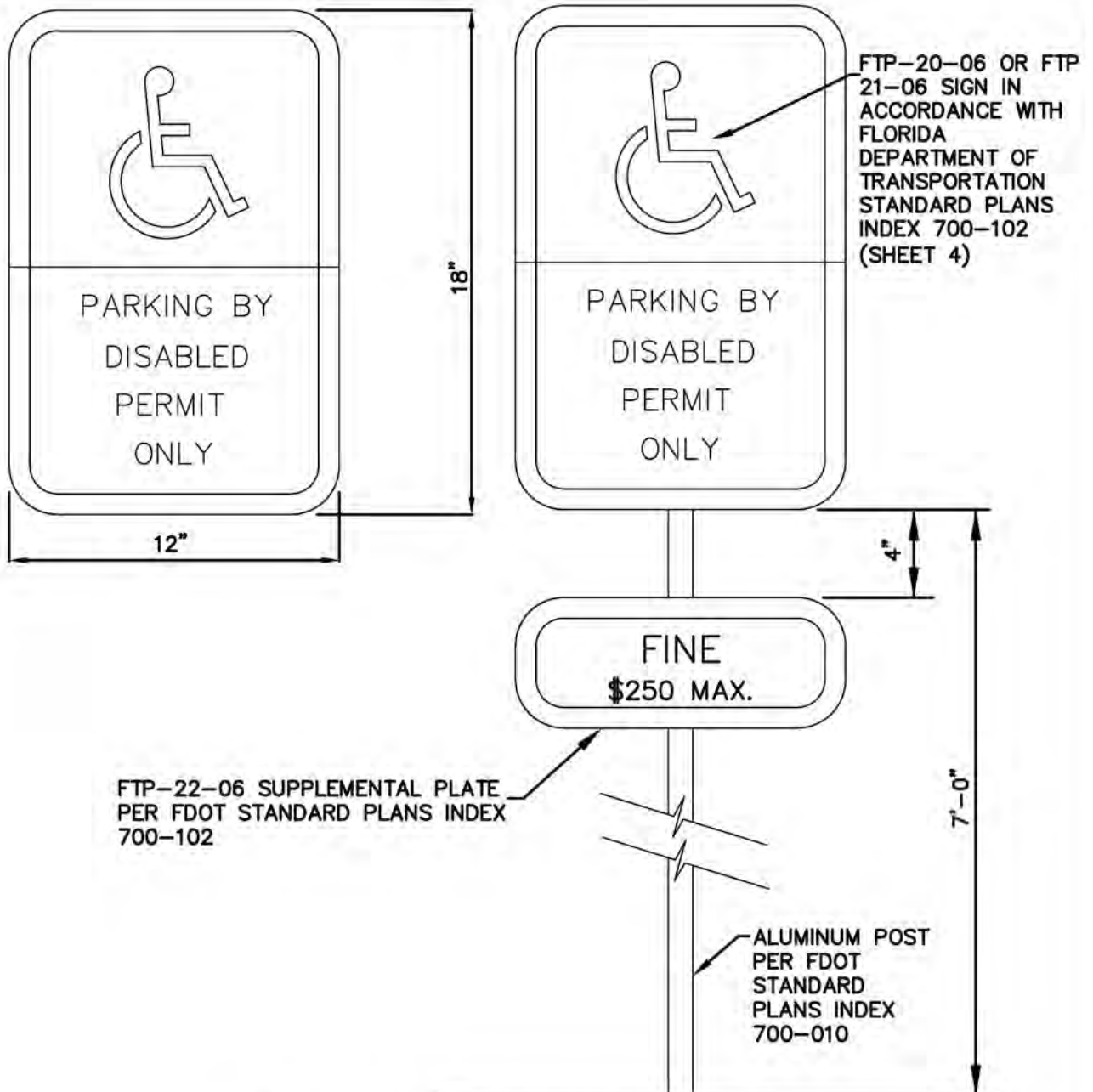


STANDARD CONSTRUCTION DETAIL
TYPICAL MARKINGS FOR HANDICAPPED PARKING
NTS

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- 1.) TOP PORTION OF SIGN TO HAVE A REFLECTIVE BLUE BACKGROUND WITH WHITE REFLECTIVE SYMBOL AND BORDER.
- 2.) BOTTOM PORTION SHALL HAVE A REFLECTIVE WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
- 3.) SIGN MAY BE FABRICATED ON ONE PANEL OR TWO.
- 4.) SIGNS ARE TO BE MOUNTED AT STANDARD HEIGHT. (7' FROM PAVEMENT TO BOTTOM OF SIGN) AND WITHSTAND 150 MPH WIND.



STANDARD CONSTRUCTION DETAIL
HANDICAP PARKING SIGN DETAIL
NTS

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March 2022

ES BMP 1.01

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

DEFINITION

A STONE STABILIZED PAD LOCATED AT POINTS OF VEHICULAR INGRESS AND EGRESS ON A CONSTRUCTION SITE.

PURPOSE

TO REDUCE THE AMOUNT OF SEDIMENT TRANSPORTED ONTO PUBLIC ROADS BY MOTOR VEHICLES OR RUNOFF.

CONDITIONS WHERE PRACTICE APPLIES

WHEREVER TRAFFIC WILL BE LEAVING A CONSTRUCTION SITE AND MOVES DIRECTLY ONTO A PUBLIC ROAD OR OTHER PAVED AREA.

PLANNING CONSIDERATIONS

CONSTRUCTION ENTRANCES PROVIDE AN AREA WHERE MUD CAN BE REMOVED FROM CONSTRUCTION VEHICLE TIRES BEFORE THE ENTER A PUBLIC ROAD. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF THE MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLE ENTERS A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE. CONSTRUCTION ENTRANCES SHOULD BE USED IN CONJUNCTION WITH THE STABILIZATION OF CONSTRUCTION ROADS TO REDUCE THE AMOUNT OF MUD PICKED UP BY CONSTRUCTION VEHICLES.

DESIGN CRITERIA

AGGREGATE SIZE

FDOT AGGREGATE NO. 1 (1.5 - 3.5 INCH STONE) SHOULD BE USED.

ENTRANCE DIMENSIONS

AGGREGATE LAYER MUST BE AT LEAST 6 INCHES THICK. IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS AREA. THE LENGTH OF THE ENTRANCE MUST BE AT LEAST 50 FEET. (SEE DETAIL).

WASHING

IF CONDITIONS OF THE SITE ARE SUCH THAT THE MAJORITY OF THE MUD IS NOT REMOVED BY THE VEHICLES TRAVELING OVER THE GRAVEL, THEN THE TIRES OF THE VEHICLES MUST BE WASHED BEFORE ENTERING A PUBLIC ROAD. WASH WATER MUST BE CARRIED AWAY FROM THE ENTRANCE TO A SETTLING AREA TO REMOVE SEDIMENT. A WASH RACK MAY ALSO BE USED TO MAKE WASHING MORE CONVENIENT AND EFFECTIVE. SEE DETAIL.

LOCATION

THE ENTRANCE SHOULD BE LOCATED TO PROVIDE FOR MAXIMUM UTILITY BY ALL CONSTRUCTION VEHICLES.

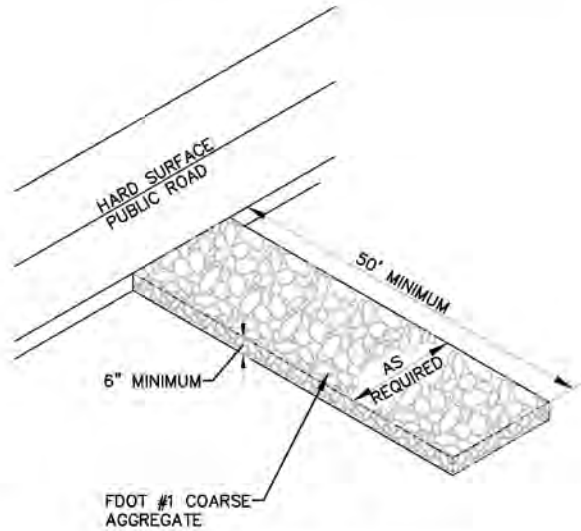
INDICATE PROPOSED LOCATION OF GRAVEL CONSTRUCTION ENTRANCE ON THE GRADING PLAN.

CONSTRUCTION SPECIFICATIONS

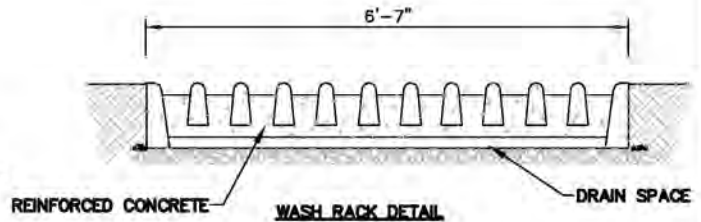
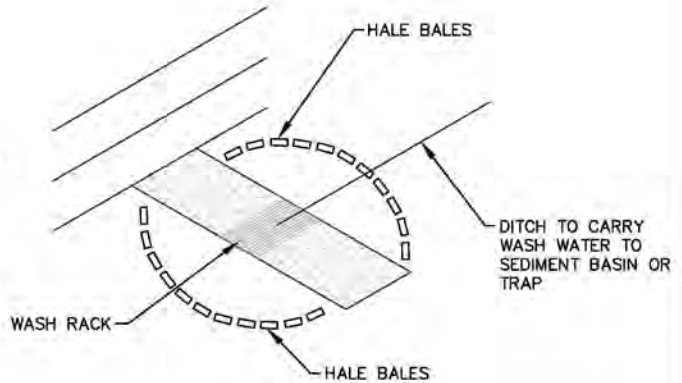
THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL. THE GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO SPECIFICATIONS. IF WASH RACKS ARE USED, THEY SHOULD BE CONSTRUCTED ACCORDING TO SPECIFICATIONS.

MAINTENANCE

THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2-INCH STONE, AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.



GRAVEL CONSTRUCTION ENTRANCE
N.T.S.



GRAVEL CONSTRUCTION ENTRANCE
W/ WASH RACK (IF REQUIRED)

NOTE: COMPLY WITH FDOT REQUIREMENTS FOR SOIL TRACKING PREVENTION DEVICE IN FDOT ROADWAY ROW (STANDARD SPECIFICATION SECTION 104)

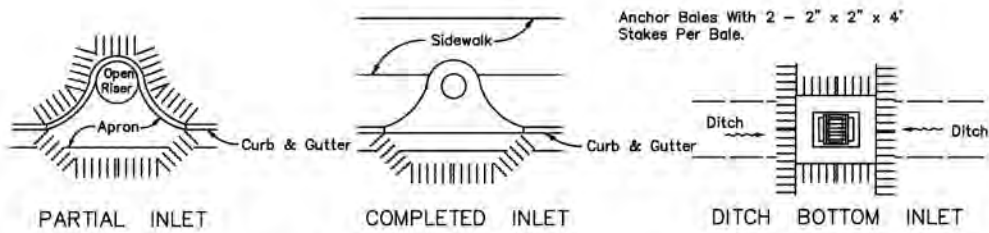


STANDARD CONSTRUCTION DETAIL
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
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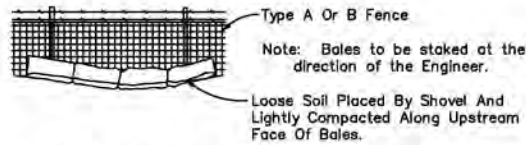
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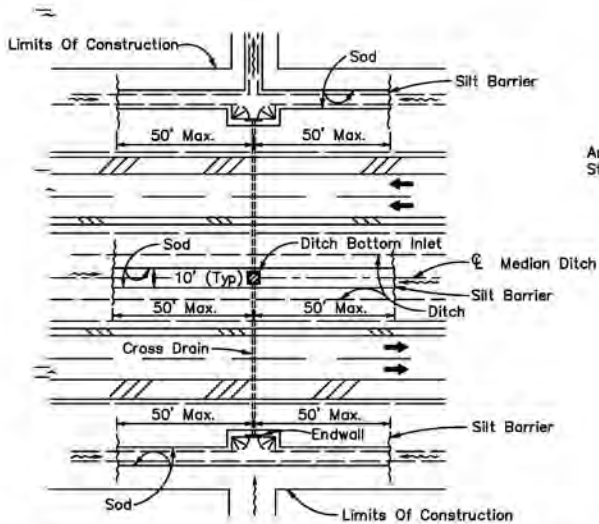


PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

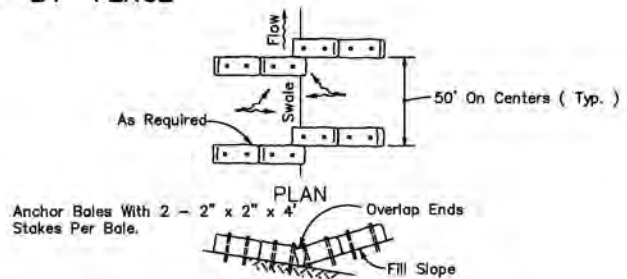
NOTE: SUBSTITUTE ROCK BAGS AT PAVED SURFACES



BALES BACKED BY FENCE

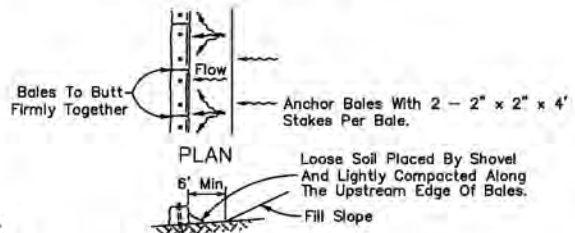


DITCH INSTALLATIONS AT DRAINAGE STRUCTURES



ELEVATION

TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE



ELEVATION

TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES AWAY FROM THE TOE OF SLOPE

BARRIERS FOR FILL SLOPES



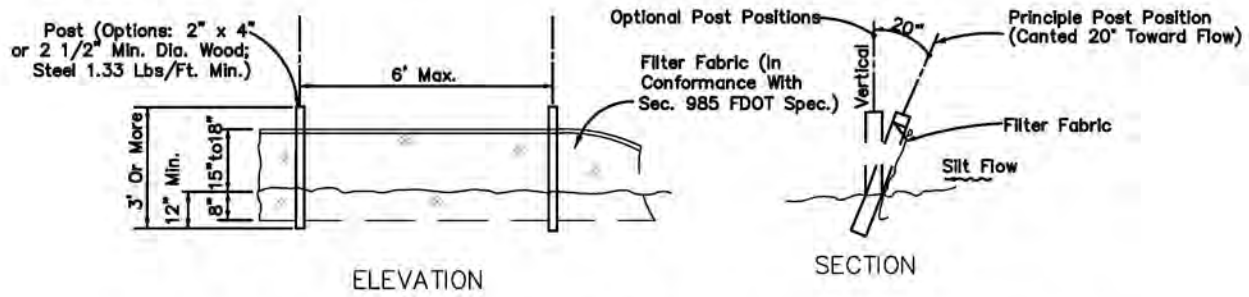
**STANDARD CONSTRUCTION DETAIL
EROSION CONTROL - SYNTHETIC BALES**

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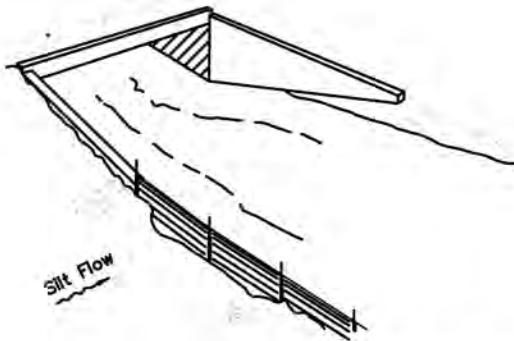
Note: Silt Fence to be paid for under the contract unit price for Staked Silt Fence (LF).

TYPE III SILT FENCE

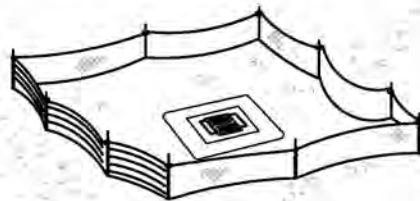


Note: Spacing for Type III Fence to be in accordance with FDOT Design Index No. 102, Chart 1, Sheet 1 of 3 and ditch installations at drainage structures Sheet 2 of 3.

Type III Silt Fence



Type III Silt Fence



Type III Silt Fence Protection Around Ditch Bottom Inlets.

Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

SILT FENCE APPLICATIONS



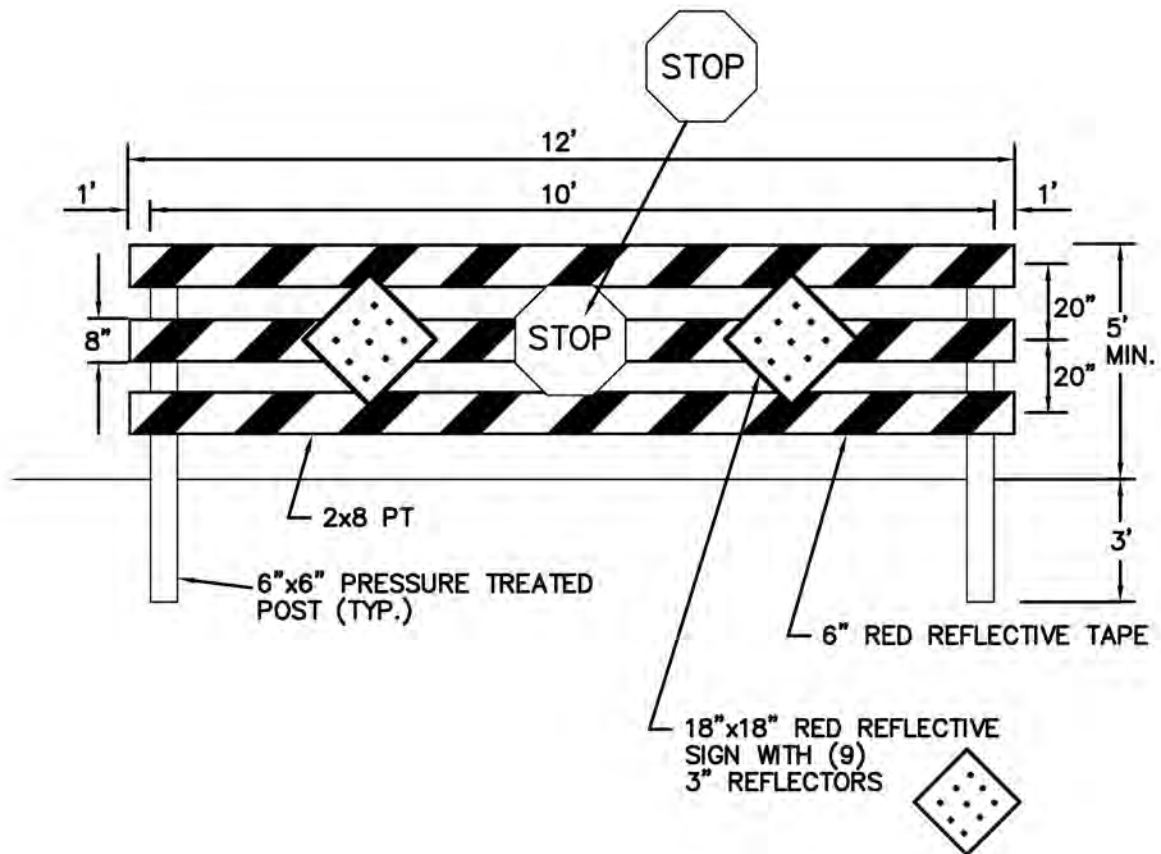
STANDARD CONSTRUCTION DETAIL EROSION CONTROL – SILT FENCE

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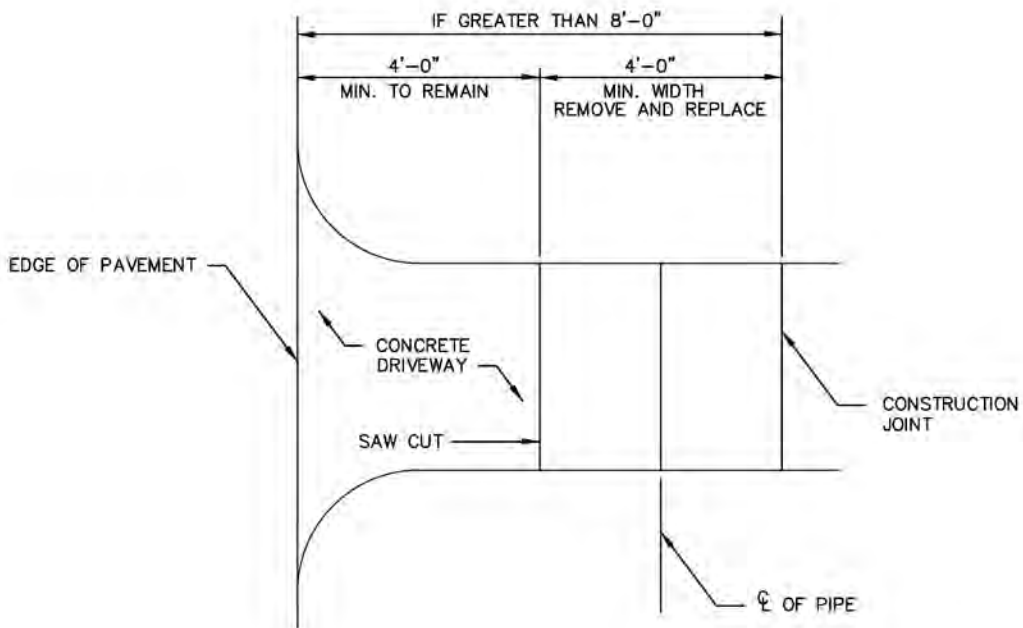
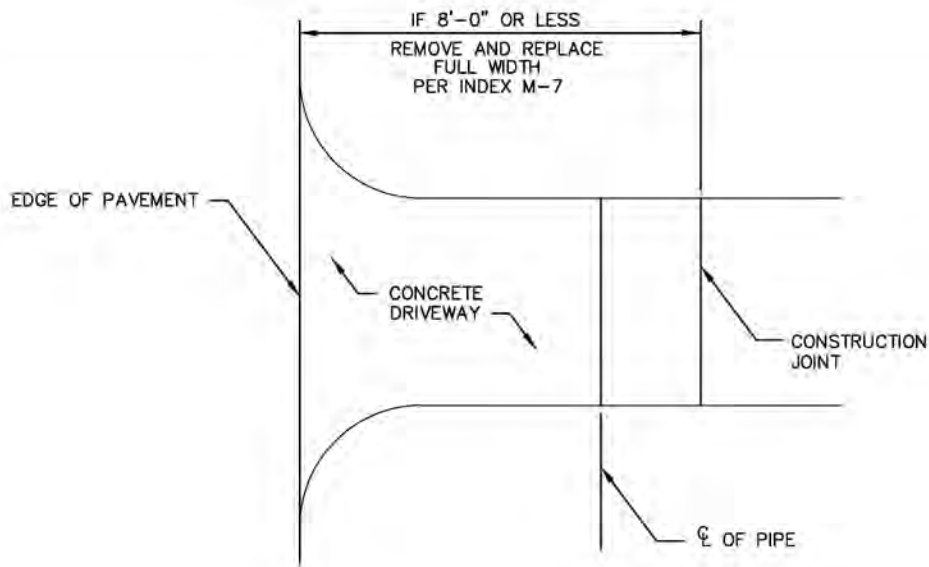


STANDARD CONSTRUCTION DETAIL
ROAD BARRICADE
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- 1) CONCRETE SHALL BE PLACED MINIMUM SIX (6) INCHES THICK AND BE 3000 PSI, 28 DAY STRENGTH.
- 2) SUBGRADE SHALL BE UNIFORM NON-ORGANIC SOIL OR BASE MATERIAL FREE OF DEBRIS AND COMPACTED TO 95% DENSITY, MINIMUM LBR40, AASHTO FBV-75



STANDARD CONSTRUCTION DETAIL
DRIVEWAY CUT REPAIR AT UTILITY CROSSING
NTS.

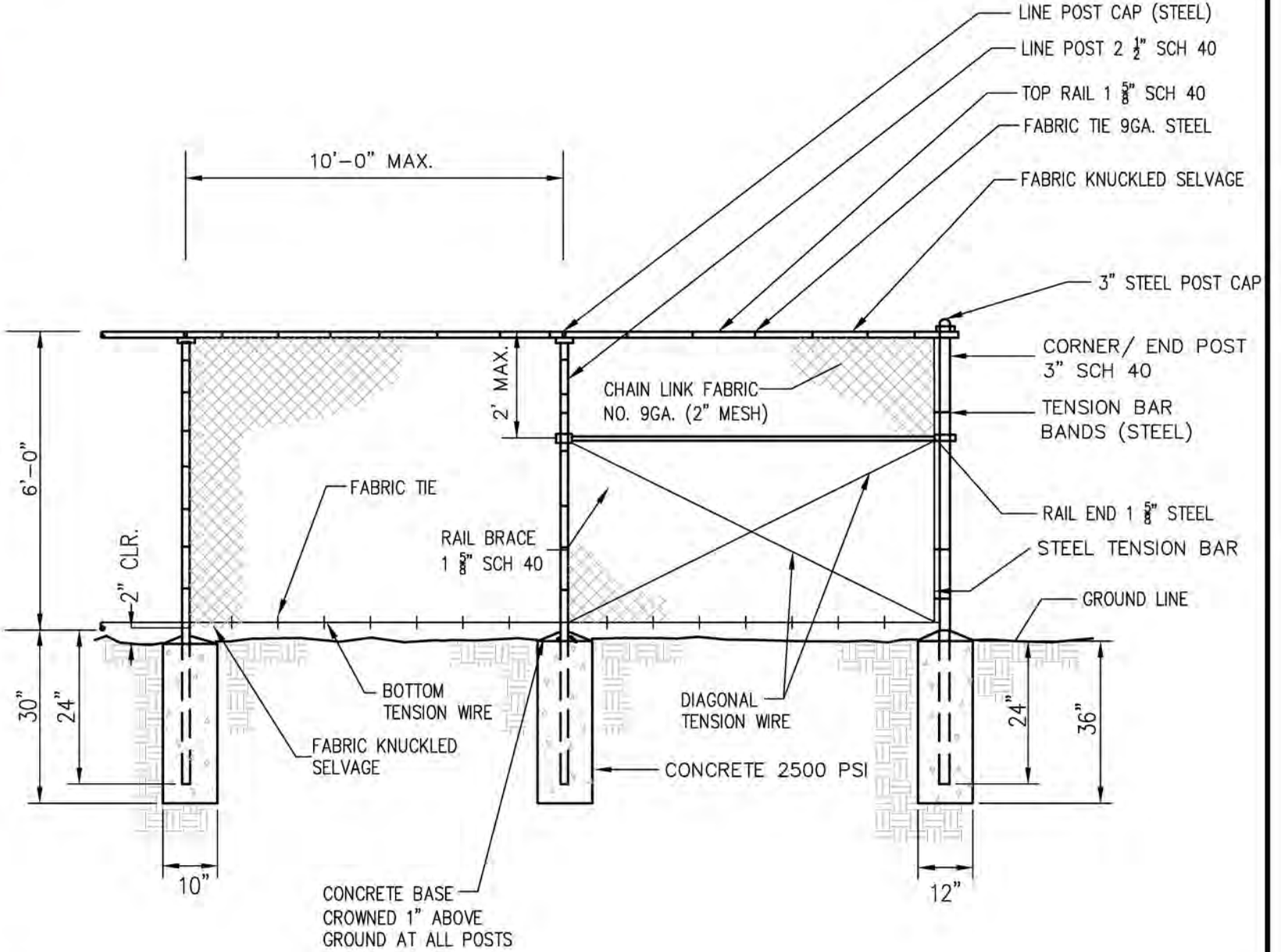
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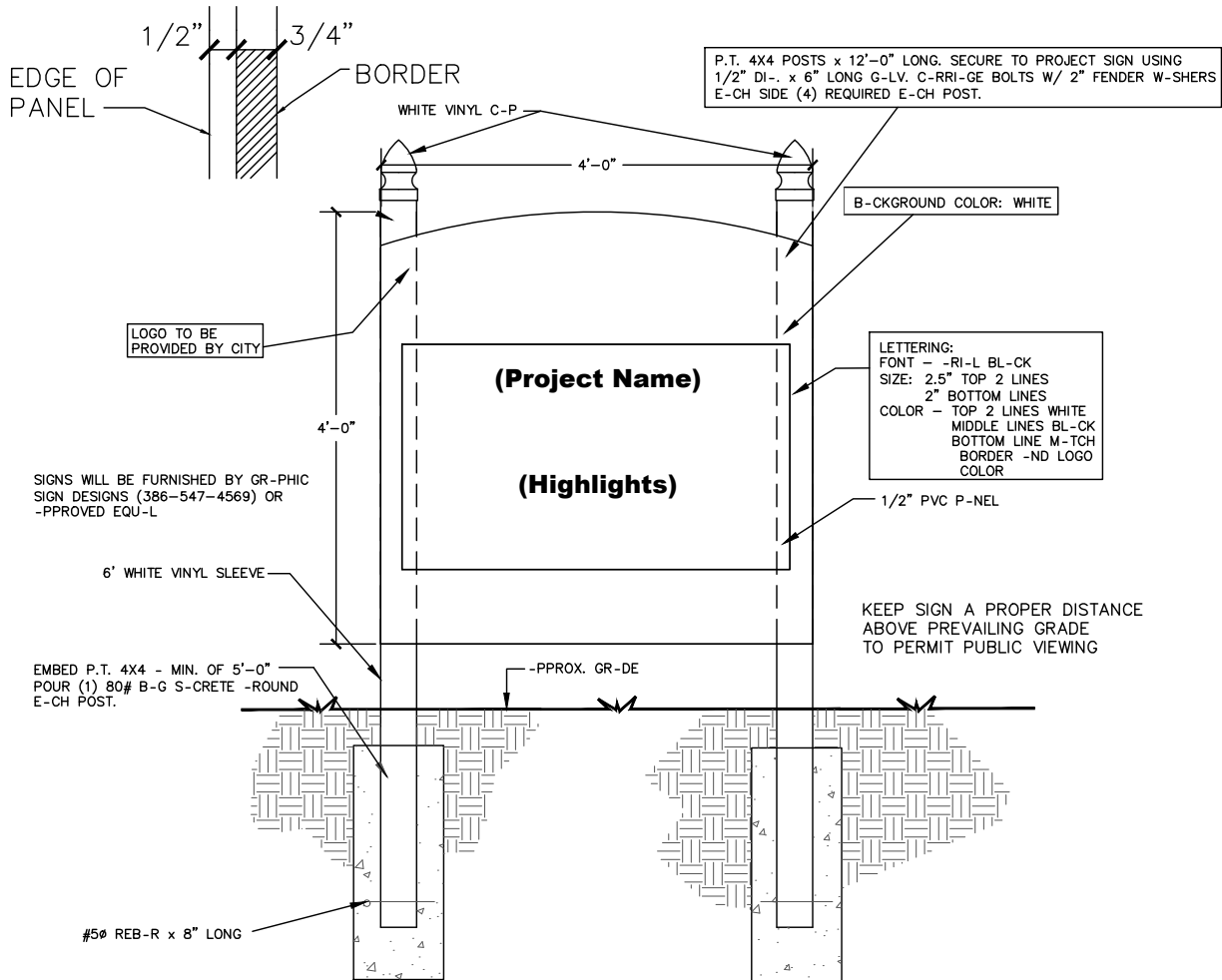
STANDARD CONSTRUCTION DETAIL
6' HIGH CHAIN LINK FENCE DETAIL
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PROJECT NAME: _____

HIGHLIGHTS: _____



STANDARD CONSTRUCTION DETAIL
 CIP CONSTRUCTION SIGN
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OUTSIDE AGENCY PERMIT CHECK LIST

IN ORDER TO ENSURE THAT ALL WORK WITHIN THE CITY IS CONSTRUCTED IN ACCORDANCE WITH ALL RELEVANT FEDERAL, STATE AND COUNTY REGULATIONS, IN ADDITION TO THE CITY REGULATIONS, THE APPLICANT SHALL CHECK ALL OUTSIDE AGENCY PERMITS REQUIRED FOR THIS PROJECT ON THE LIST BELOW.

THIS LIST WILL ALSO BE USED BY CITY PERSONNEL TO VERIFY THAT TWO HARD COPIES AND ONE PDF OF ALL REQUIRED PERMITS ARE SUBMITTED TO THE PLANNING AND PERMITTING DEPARTMENT.

- 1 [] SJRWMD ENVIRONMENTAL RESOURCE PERMIT (ERP)
- 2 [] DEP WASTEWATER CONSTRUCTION/CONNECTION PERMIT
- 3 [] DEP WATER CONSTRUCTION/CONNECTION PERMIT
- 4 [] FDOT UTILITY PERMIT
- 5 [] FDOT DRIVEWAY CONNECTION PERMIT
- 6 [] COUNTY USE PERMIT
- 7 [] FDOT DRAINAGE CONNECTION PERMIT
- 8 [] DEP NPDES NOI
- 9 [] OTHER (PLEASE SPECIFY)



STANDARD CONSTRUCTION DETAIL
OUTSIDE AGENCY PERMIT CHECK LIST
NTS.

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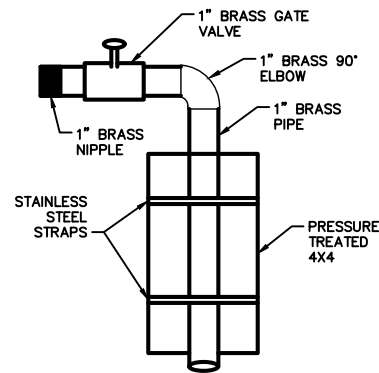
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GENERAL NOTES:

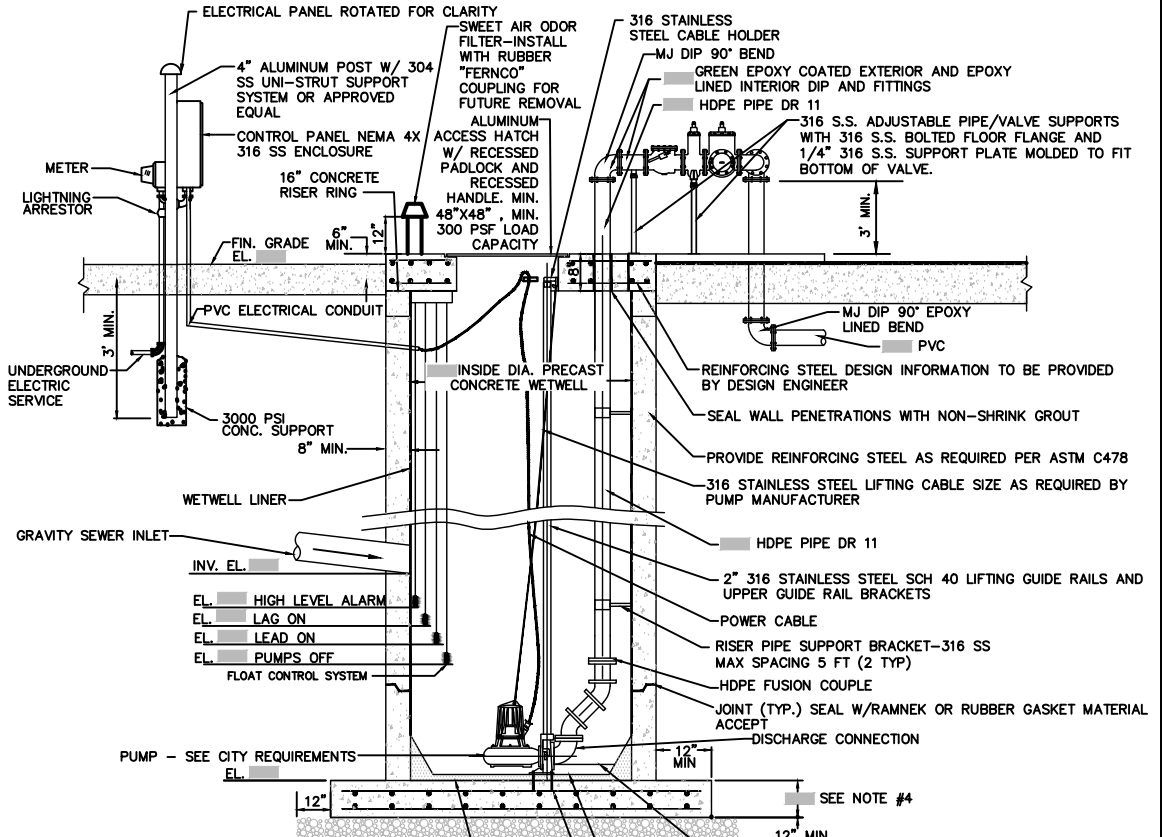
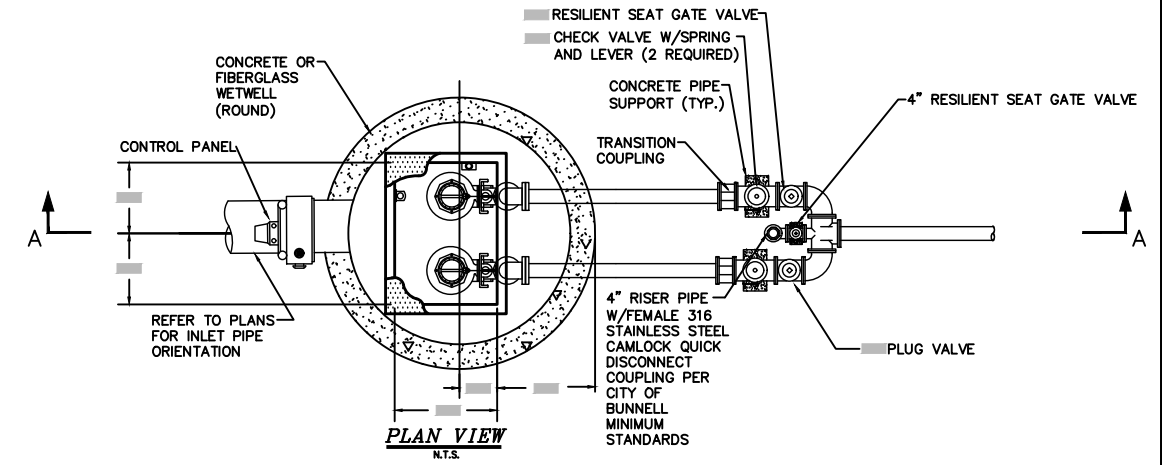
1. WET WELL SHALL BE LINED WITH "RAVEN LINER" OR SEWPERCOAT CONCRETE PROTECTIVE LINER OR APPROVED EQUAL. WET WELL EXTERIOR SHALL BE COATED WITH COAL TAR EPOXY.
2. BASE AND FIRST RISER UNIT TO BE CAST MONOLITHIC.
3. ALL LOCATIONS WHERE PIPES ENTER OR LEAVE THE WET WELL SHALL BE MADE WATERTIGHT WITH WALL SLEEVE OR NON-SHRINK GROUT.
4. PUMP LIFTING DEVICE SHALL BE 304 SS LIFTING CABLE.
5. THERE SHALL BE NO ELECTRICAL JUNCTION BOXES IN WET WELL.
6. CHECK VALVES SHALL BE OUTSIDE WEIGHT & LEVER.
7. WET WELL COVER SHALL BE ALUMINUM WITH 304S.S HARDWARE, AS RECOMMENDED AND REQUIRED BY PUMP MANUFACTURER (LOADING 300 P.S.F.) AND PROVIDED WITH RECESSED LOCKS.
8. CONTROL PANEL SHALL BE AS MANUFACTURED BY THE PUMP SUPPLIER OR APPROVED EQUAL.
9. WET WELL DIAMETER SHALL BE 6' NOMINAL.
10. ACCESS HATCH DIMENSIONS ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE PUMPING EQUIPMENT, PIPING AND CONCRETE STRUCTURES TO ENSURE ADEQUATE ACCESS OPENINGS FOR INSTALLATION, OPERATION AND MAINTENANCE OF ALL EQUIPMENT.
11. FURNISH AND INSTALL GENERATOR RECEPTACLE COMPATIBLE WITH CITY OF BUNNELL EQUIPMENT.
12. PROVIDE LOCKS KEYED TO THE CITY'S MASTER KEY.
13. CHAIN LINK FENCE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:
 - A) POSTS SHALL BE SCHEDULE 40, GALVANIZED STEEL (2" OUTSIDE DIAMETER MIN.), MAXIMUM 10 FOOT SPACING
 - B) FABRIC FOR FENCING AND GATES SHALL BE 9 GAUGE 2" MESH, CLASS 1, CONFORMING TO A.S.T.M. A-392D, 1.2 OZ. GALVANIZED COATING.
 - C) POSTS SHALL BE SET IN 3000 PSI CONCRETE IN AN 8" DIAMETER HOLE WITH A DEPTH OF 36 INCHES.
 - D) FENCING SHALL BE SCREENED WITH PVC SLATS, WINGED-SLATS OR APPROVED EQUAL. COLOR SHALL BE BLACK.
14. ALARM FLOAT ON SEPARATE POWER CONTROL CIRCUIT
15. WET WELLS SHALL BE PRECAST CONCRETE. SUBMIT SHOP DRAWINGS WITH REINFORCING DETAILS FOR APPROVAL PRIOR TO FABRICATION.

CITY OF BUNNELL LIFT STATION REQUIREMENTS:

1. AUXILIARY POWER CONNECTION IN ACCORDANCE WITH FDEP REQUIREMENTS
2. PUMP STATION MUST HAVE ACCESS AT ALL TIMES FOR CITY MAINTENANCE VEHICLES.
3. HAND - (ON-OFF) - AUTOMATIC SWITCHES ON ALL PUMPS.
4. MANUAL - (ON-OFF) - SWITCH ON ALL ALTERNATORS.
5. ONE ELAPSED TIME METER FOR EACH PUMP.
6. 120 VOLT RECEPTACLE INSIDE CONTROL BOX.
7. 3 PHASE CURRENT (WILL NOT ACCEPT ADD A PHASE OR CAPACITOR PHASE CHANGERS).
8. ALIGNMENT ON GUIDE PIPES (NOT TOUCHING PUMP GUIDE WHEN PUMP IS SEATED).
9. POWER CABLE TO PUMPS RUN IN CONDUIT SEPARATE FROM FLOAT SWITCH CONDUIT.
10. LIQUID FILLED PRESSURE GAUGE ON FORCE MAIN.
11. THE CITY WILL NOT ACCEPT 120 VOLT TO FLOAT SWITCHES, AND MUST BE TRANSFORMER ISOLATED-24 VOLT MAX. ALL CONNECTIONS MUST TERMINATE IN CONTROL PANEL OUTSIDE OF WET WELL.
12. AS-BUILTS ON UNDERGROUND POWER SERVICE IF NOT INSTALLED BY F.P.& L.
13. MUST HAVE APPROVED LIFT STATION MANUALS, SHOP DRAWINGS, ETC.
14. KNIFE SWITCH DISCONNECT BETWEEN F.P.& L. AND LIFT STATION CONTROL PANEL.
15. LIGHTS TO BE FPL STANDARD, HEIGHT TO BE DETERMINED BY THE CITY
16. SEAL GRAVITY PIPE AT WETWELL WITH RUBBER BOOT SEAL.
17. ELECTRICAL CONTROL PANEL TO BE PROVIDED WITH A LEVEL MONITORING ACCESS PORT AND CONDUIT TO WET WELL FOR FUTURE SCADA.
18. ANY AND ALL STEEL AND/OR METAL COMPONENTS INTERNAL TO THE WET WELL SHALL BE 316 STAINLESS STEEL.
19. DEMARCATION BOX TO BE MOUNTED BY ITSELF AS SHOWN OR MOUNTED BEHIND CONTROL PANEL. UNDER NO CIRCUMSTANCES CAN DEMARCATION BOX BE MOUNTED BELOW CONTROL PANEL. DEMARCATION BOX MUST BE VENTED TO ATMOSPHERE WITH BUG SCREENS AS REQUIRED.

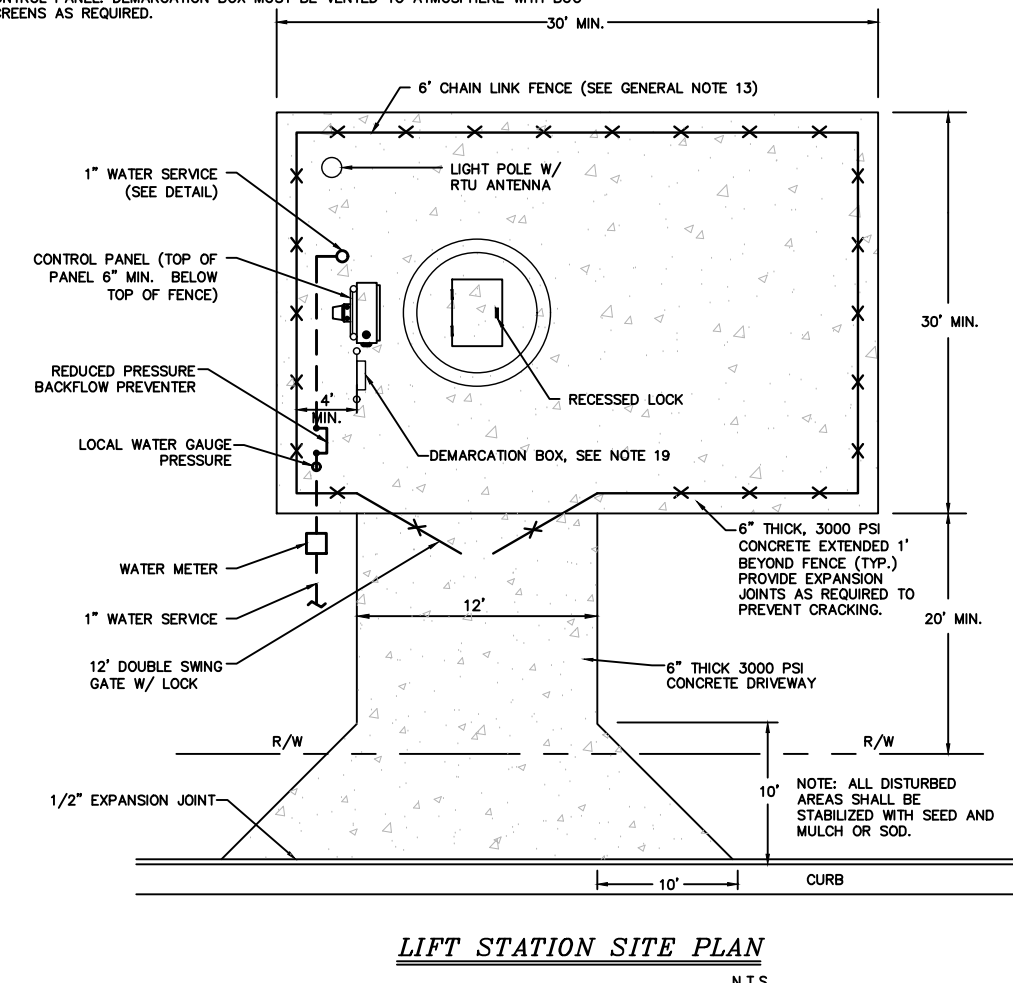
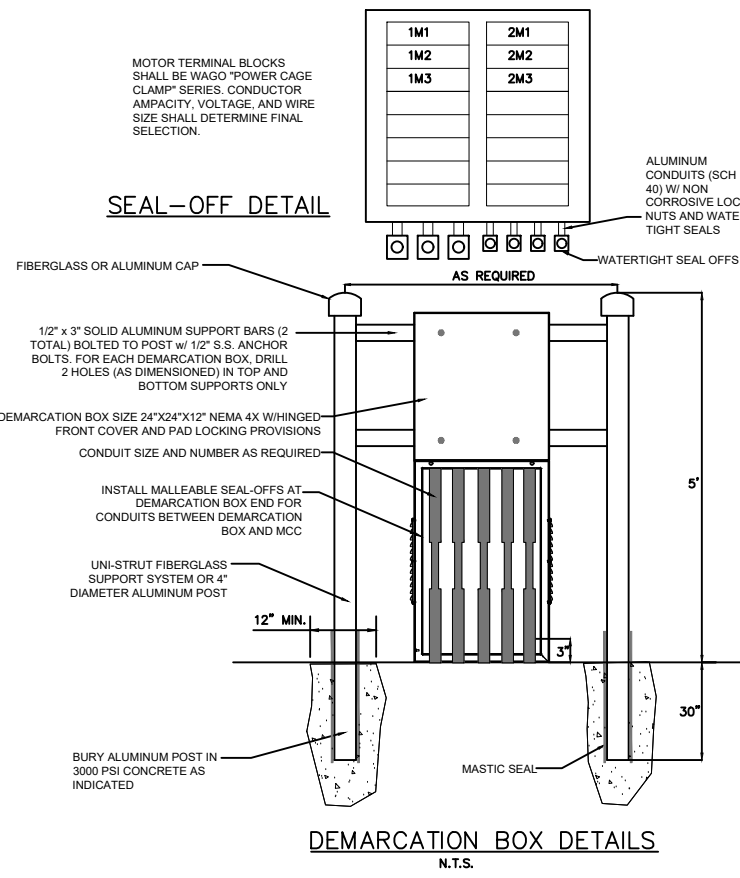


1" WATER SERVICE DETAIL
N.T.S.



PUMP DATA AND DESIGN CHARACTERISTICS	
NUMBER OF PUMPS	
DESIGN CAPACITY PER PUMP, G.P.M.	
TOTAL DYNAMIC HEAD, FT.	
MIN. EFF. AT DESIGN CAPACITY, %	
DESIGN SPEED, MAX R.P.M.	
MAX. HORSEPOWER PER PUMP, H.P.	
MIN. SHUTOFF HEAD, FT.	
MIN. SIZE SOLIDS, IN.	
MIN. DISCHARGE SIZE, IN.	
SECONDARY CAPACITY PER PUMP, G.P.M.	
SECONDARY HEAD, FT.	
PUMP MANUF. & MODEL NUMBER	
IMPELLER DIAMETER	
PUMP R.P.M.	
ELECT. SVC. - VOLTAGE & PHASE	

- NOTE TO DESIGN ENGINEER:**
1. SHADED BOXES () INDICATE INFORMATION REQUIRED TO BE PROVIDED BY DESIGN ENGINEER (e.g., ELEVATIONS, DIMENSIONS OR PIPE SIZES).
 2. ENGINEER IS REQUIRED TO SHOW UNDERGROUND PIPING ARRANGEMENT (SANITARY, F.M., WATER) IN THE SITE PLAN.
 3. MINIMUM SITE DIMENSION IS 30' X 30' FOR FENCE AREA.
 4. BOTTOM SLAB THICKNESS SHALL BE A MINIMUM OF 18" FOR THE WETWELL. ENGINEER TO VERIFY IF ADDITIONAL THICKNESS IS REQUIRED FOR ANTI-FLOTATION BALLAST.
 5. STORAGE VOLUME BETWEEN "LEAD ON" AND "PUMPS OFF" ELEVATION SHALL EQUAL OR EXCEED THE VOLUME ONE PUMP CAN DISCHARGE IN THREE MINUTES WITH NO FLOW ENTERING THE WETWELL. LOW WATER LEVEL SHALL BE SET AS RECOMMENDED BY THE PUMP MANUFACTURER TO PROVIDE ADEQUATE COOLING OF THE MOTOR AND TO PREVENT VORTEXING AND CAVITATION FROM OCCURRING.



SEWAGE LIFT STATION DETAILS
N.T.S.

INDEX
SLS-1
MARCH 2022



City of Bunnell, Florida

Agenda Item No. H.1.

Document Date: 4/4/2022 Amount:
Department: City Clerk Account #:
Subject: Request to Appoint Members to the 2022 Charter Review Committee
Agenda Section: New Business:

ATTACHMENTS:

Description	Type
Bonita Robinson	Exhibit
Daisy Henry	Exhibit
Darial Williams	Exhibit
David Wilhite	Exhibit
Gary Masten	Exhibit
Joe Kowalsky	Exhibit
Joy Allen	Exhibit
Michelle Heider	Exhibit

Summary/Highlights:

This is a request to appoint volunteers to serve on the 2022 Charter Review Advisory Committee.

Resolution 2022-04 adopted March 14, 2022 created the 2022 Charter Review Committee and outlined the membership requirements and duties of the Charter Review Committee.

Members of the Charter Review Committee may be required to attend weekly or bi-weekly meetings which could be held in the mornings, afternoons or early evenings. There will be one required night time workshop prior to starting the regular Charter Review Committee meetings.

Background:

Section 1 of the resolution provided for the qualifications needed to serve on this advisory committee.

SECTION 1:

A Charter Review Committee is hereby created and shall consist of five (5) to seven (7) total members, all of whom shall be appointed by the City Commission no later than July 11, 2022. A supermajority of the members shall be registered voters in the City of Bunnell, and up to two (2) members may be non-resident business owners with businesses located within the City of Bunnell.

The minimum number of committee members is five (5) with the maximum being seven (7). A supermajority of the members must be registered voters in the City of Bunnell; supermajority is 75% of the membership. This means that if the membership is five (5), then four (4) must be registered voters in the City of Bunnell, but if the membership is seven (7), then five (5) must be registered voters in the City of Bunnell.

Non-resident business owners with a registered business in the City of Bunnell may also serve on the committee.

Attached are the applications of those who have applied to serve on this committee.

The following have been confirmed to be registered voters within the City of Bunnell:

- Bonita Robinson
- Daisy Henry
- Darial Williams
- David Wilhite
- Gary Masten
- Joe Kowalsky
- Joy Allen
- Michelle Heider (as of the time of application, registered to vote under her previous married name)

Staff Recommendation:

Per the Commission.

City Attorney Review:

Commission discretion.

Finance Department Review/Recommendation:

City Manager Review/Recommendation:

Approved.



CHARTER REVIEW ADVISORY COMMITTEE APPLICATION

(Please fill out form completely)

Name: Bonita Robinson

Physical address (home or business if business owner):
801 Hyman Circle Bunnell Fl. 32110

Mailing address: same

Best Contact Phone #: 386-276-1490

E-Mail: Bonitaandjoe@yahoo.com

Occupation: Site Manager

Are you registered to vote in the City of Bunnell? Yes No

of years a City resident: 25 I: Own or Rent

of years Bunnell Business owner: _____

My Business is in the City Yes No

I Own Rent the property where my business is located.

Please describe your professional and/or volunteer experience or background which best qualifies you for selection to this advisory committee: _____

Trustee board (St James), Community Activist, Rotary Club member, Community Center Manager, School Board employee

I have attended 12 City meetings (Commission &/or Volunteer Board) in the last 2 years

Have you ever served on a Bunnell board/committee in the past? Yes No

If yes, please list the board/committee and the year/range you served: _____
Bunnell City Commission 2014 to 2017

I hereby acknowledge I understand the responsibilities associated with being on this Committee and I have adequate time to serve as a Committee member, including possible morning, afternoon, early evening or night meetings. I will become familiar with and abide by the Florida Sunshine Law. I will remain in communication with City staff while serving on this Committee. I understand all my comments as a Committee member are a matter of public record. If appointed for membership, I understand I may have to file a limited financial disclosure form (Form 1) in 2023 and that filing late may result in a fine.

Signature: Bonita Robinson Date: 3/7/2022



CHARTER REVIEW ADVISORY COMMITTEE APPLICATION

(Please fill out form completely)

Name: Daisy M. Henry

Physical address (home or business if business owner):

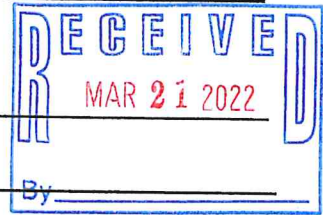
503 E. Drain St.

Mailing address: 503 E. Drain St.

Best Contact Phone #: 386-503-9382

E-Mail: tuthenry@aol.com

Occupation: Retired



Are you registered to vote in the City of Bunnell? Yes No

of years a City resident: 75 I: Own or Rent

of years Bunnell Business owner: _____

My Business is in the City Yes No Church

I Own Rent the property where my business is located.

Please describe your professional and/or volunteer experience or background which best qualifies you for selection to this advisory committee: A Native of Flagler County, I was a Bunnell City Commissioner, Served on several boards, a pastor of Spirit of Truth Church

I have attended _____ City meetings (Commission &/or Volunteer Board) in the last 2 years

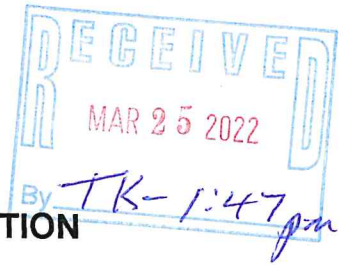
Have you ever served on a Bunnell board/committee in the past? Yes No

If yes, please list the board/committee and the year/range you served: The Commission over eight years, The charter review board - one year.

I hereby acknowledge I understand the responsibilities associated with being on this Committee and I have adequate time to serve as a Committee member, including possible morning, afternoon, early evening or night meetings. I will become familiar with and abide by the Florida Sunshine Law. I will remain in communication with City staff while serving on this Committee. I understand all my comments as a Committee member are a matter of public record. If appointed for membership, I understand I may have to file a limited financial disclosure form (Form 1) in 2023 and that filing late may result in a fine.

Signature: Daisy M. Henry Date: 3/21/2022

Please return this application to the City Clerk, PO Box 756, Bunnell, FL 32110, Fax 386-437-7503, email kbates@bunnellcity.us, or in person at 604 E. Moody Blvd. Unit 6



CHARTER REVIEW ADVISORY COMMITTEE APPLICATION

(Please fill out form completely)

Name: Darrial D Williams

Physical address (home or business if business owner):
692 Grand Reserve DR.

Mailing address: 692 Grand Reserve DR. Bunnell FL. 32110

Best Contact Phone #: 386-387-9024

E-Mail: Williamsdarial@Icloud.com

Occupation: 100% military compensated.

Are you registered to vote in the City of Bunnell? Yes No

of years a City resident: 55 I: Own or Rent

of years Bunnell Business owner: 0/NA

My Business is in the City Yes No

I Own Rent the property where my business is located.

Please describe your professional and/or volunteer experience or background which best qualifies you for selection to this advisory committee: Served 4 years in Army, was a Squad leader made mission medical decisions etc. I worked and managed a number of jobs.

I have attended 4 City meetings (Commission &/or Volunteer Board) in the last 2 years

Have you ever served on a Bunnell board/committee in the past? Yes No
If yes, please list the board/committee and the year/range you served: _____

I hereby acknowledge I understand the responsibilities associated with being on this Committee and I have adequate time to serve as a Committee member, including possible morning, afternoon, early evening or night meetings. I will become familiar with and abide by the Florida Sunshine Law. I will remain in communication with City staff while serving on this Committee. I understand all my comments as a Committee member are a matter of public record. If appointed for membership, I understand I may have to file a limited financial disclosure form (Form 1) in 2023 and that filing late may result in a fine.

Signature: [Handwritten Signature] Date: 3/21/2022

Please return this application to the City Clerk, PO Box 756, Bunnell, FL 32110, Fax 386-437-7503, email kbates@bunnellcity.us, or in person at 604 E. Moody Blvd. Unit 6



CHARTER REVIEW ADVISORY COMMITTEE APPLICATION
(Please fill out form completely)

Name: David Wilhite

Physical address (home or business if business owner):
850 E. Lambert St. Bunnell

Mailing address: PO Box 2641 Bunnell FL 32110

Best Contact Phone #: 386-527-4585

E-Mail: dwilhitebuilder@gmail.com

Occupation: Semi-Retired Builder

Are you registered to vote in the City of Bunnell? Yes No

of years a City resident: 1 1/2 yrs I: Own or Rent

of years Bunnell Business owner: 1 1/2 yrs

My Business is in the City Yes No

I Own Rent the property where my business is located.

Please describe your professional and/or volunteer experience or background which best qualifies you for selection to this advisory committee: _____

Business owner involved in development (land)
Past work gaining access to private & public R.O.W for ~~the~~ underground utilities - permitting

I have attended 6 City meetings (Commission &/or Volunteer Board) in the last 2 years

Have you ever served on a Bunnell board/committee in the past? Yes No

If yes, please list the board/committee and the year/range you served: _____

I hereby acknowledge I understand the responsibilities associated with being on this Committee and I have adequate time to serve as a Committee member, including possible morning, afternoon, early evening or night meetings. I will become familiar with and abide by the Florida Sunshine Law. I will remain in communication with City staff while serving on this Committee. I understand all my comments as a Committee member are a matter of public record. If appointed for membership, I understand I may have to file a limited financial disclosure form (Form 1) in 2023 and that filing late may result in a fine.

Signature: [Signature] Date: 3-21-2022

Please return this application to the City Clerk, PO Box 756, Bunnell, FL 32110, Fax 386-437-7503, email kbates@bunnellcity.us, or in person at 604 E. Moody Blvd. Unit 6



CHARTER REVIEW ADVISORY COMMITTEE APPLICATION

(Please fill out form completely)

Name: GARY R. MASTEN

Physical address (home or business if business owner):
315 GRAND RESERVE DR, BUNNELL, FL 32110

Mailing address: _____

Best Contact Phone #: (410) 207-4442

E-Mail: GARY.MASTEN@GMAIL.COM

Occupation: RETIRED

Are you registered to vote in the City of Bunnell? Yes No

of years a City resident: 3 I: Own or Rent

of years Bunnell Business owner: _____

My Business is in the City Yes No

I Own Rent the property where my business is located.

Please describe your professional and/or volunteer experience or background which best qualifies you for selection to this advisory committee: _____

SEE ATTACHED

I have attended 20+ City meetings (Commission &/or Volunteer Board) in the last 2 years

Have you ever served on a Bunnell board/committee in the past? Yes No

If yes, please list the board/committee and the year/range you served:
PLANNING, ZONING + APPEALS BOARD - 2 YEARS.

I hereby acknowledge I understand the responsibilities associated with being on this Committee and I have adequate time to serve as a Committee member, including possible morning, afternoon, early evening or night meetings. I will become familiar with and abide by the Florida Sunshine Law. I will remain in communication with City staff while serving on this Committee. I understand all my comments as a Committee member are a matter of public record. If appointed for membership, I understand I may have to file a limited financial disclosure form (Form 1) in 2023 and that filing late may result in a fine.

Signature: [Signature] Date: 3-20-22

Gary R. Masten
315 Grand Reserve Dr.
Bunnell, FL 32110-3406
(410) 207-4442

Letter of Interest

I would be honored to be named to the 2022 Charter Review Advisory Committee.

I bring with me over 40 years of successful roles in leadership. Integrity and ethical behavior have always been important to me in whatever endeavors I have sought.

Since moving to Bunnell in May of 2019, I have been named to the Planning, Zoning and Appeals Board where I currently serve as Co-Chair, I have completed the Flagler County Citizen's Sheriff Academy and currently am an active member of the Citizen's Observation Patrol for the Flagler County Sheriff's Office. I am also a member of the Grand Reserve Architectural Review Board and was also recently named to the City of Bunnell Auditor Selection Committee.

All of these roles require insight and the ability to understand various issues and then make decisions based upon the facts.

If selected, I would review only facts and information put before the Committee and only after a well thought out review of that information would I then make recommendations to the City of Bunnell Commission without any preconceived ideas or desires.

Commissioner Shultz recently made the comparison of the Bunnell City Charter being like the Constitution of the United States. I agree. Making changes to the Charter should not be taken lightly.

Only after careful review and analysis should recommendations to change the Charter be made.

I believe that if you apply for a position that requires attendance at various meetings that you are able to meet those requirements. I am prepared to do so.

Thank you for consideration of my nomination to the 2022 Charter Review Advisory Committee.

Respectfully Submitted,



Gary R. Masten



VOLUNTEER BOARD OR COMMITTEE APPLICATION

(Please fill out form completely)

Name: Joe Kowalsky

Physical address (home or business if business owner):
7 Sand Wedge Ln Bunnell FL 32110

Mailing address: 7 Sand Wedge Ln Bunnell FL 32110

Best Contact Phone #: 386 237 4728

E-Mail: 4344@bellsouth.net

Occupation: retired

Are you registered to vote in the City of Bunnell? Yes No

of years a City resident: 2 I: Own or Rent

of years Bunnell Business owner: _____

My Business is in the City Yes No

I Own Rent the property where my business is located.

Board/Committee/Task Force applying for:

- Citizens Advisory Task Force
- Code Enforcement Board
- Charter Review Committee
- Planning, Zoning & Appeals Board

Please describe your professional and/or volunteer experience or background which best qualifies you for selection to this advisory committee: Business owner in Bunnell for 15 years. Past Worshipful of Bunnell Music Lodge #200, Past Commander of VFW 5213, ect ect

I have attended 0 City meetings (Commission &/or Volunteer Board) in the last 2 years

Have you ever served on a Bunnell board/committee in the past? Yes No
If yes, please list the board/committee and the year/range you served: _____

I hereby acknowledge I understand the responsibilities associated with being a Board member and I have adequate time to serve as a Board member. I will become familiar with and abide by the Florida Sunshine Law, and I understand all my comments as a Board member are a matter of public record. If appointed for membership to the Code Enforcement Board or Planning, Zoning and Appeals Board, I understand I shall file a limited financial disclosure each year and that filing late may result in a fine.

Signature: Joe Kowalsky Date: _____



CHARTER REVIEW ADVISORY COMMITTEE APPLICATION

(Please fill out form completely)

Name: Joy Allen

Physical address (home or business if business owner):
609 N Chapel St, Bunnell, 32110

Mailing address: s/a

Best Contact Phone #: 386-503-3705 (cell)

E-Mail: mschapel@aol.com

Occupation: Judicial Assistant

Are you registered to vote in the City of Bunnell? Yes No

of years a City resident: 29 I: Own or Rent

of years Bunnell Business owner: N/A

My Business is in the City Yes No

I Own Rent the property where my business is located.

Please describe your professional and/or volunteer experience or background which best qualifies you for selection to this advisory committee: I care about my city. I have been on Code Enforcement Board for over 15 yrs

I have attended 2 City meetings (Commission &/or Volunteer Board) in the last 2 years

Have you ever served on a Bunnell board/committee in the past? Yes No

If yes, please list the board/committee and the year/range you served: Code Enforcement Board (at least 15yrs)

I hereby acknowledge I understand the responsibilities associated with being on this Committee and I have adequate time to serve as a Committee member, including possible morning, afternoon, early evening or night meetings. I will become familiar with and abide by the Florida Sunshine Law. I will remain in communication with City staff while serving on this Committee. I understand all my comments as a Committee member are a matter of public record. If appointed for membership, I understand I may have to file a limited financial disclosure form (Form 1) in 2023 and that filing late may result in a fine.

Signature: Date: 4-11-2022



RECEIVED

By Kristen Bates at 7:04 am, Apr 12, 2022

CHARTER REVIEW ADVISORY COMMITTEE APPLICATION

(Please fill out form completely)

Name: Michelle Heider (Woodin)

Physical address (home or business if business owner): 202 N Railroad St. Bunnell, FL 32110

Mailing address: Same

Best Contact Phone #: 818-103-2745

E-Mail: MichelleMediations@gmail.com

Occupation: Mediator

Are you registered to vote in the City of Bunnell? Yes [checked] No []

of years a City resident: 9 I: Own [checked] or Rent []

of years Bunnell Business owner: 9

My Business is in the City Yes [checked] No []

I Own [checked] Rent [] the property where my business is located.

Please describe your professional and/or volunteer experience or background which best qualifies you for selection to this advisory committee: Bunnell Charter Review Committee 2018, FL Supreme Court Certified Mediator

I have attended unsure City meetings (Commission &/or Volunteer Board) in the last 2 years

Have you ever served on a Bunnell board/committee in the past? Yes [checked] No []

If yes, please list the board/committee and the year/range you served: Bunnell Charter Review Committee 2018

I hereby acknowledge I understand the responsibilities associated with being on this Committee and I have adequate time to serve as a Committee member, including possible morning, afternoon, early evening or night meetings. I will become familiar with and abide by the Florida Sunshine Law. I will remain in communication with City staff while serving on this Committee. I understand all my comments as a Committee member are a matter of public record. If appointed for membership, I understand I may have to file a limited financial disclosure form (Form 1) in 2023 and that filing late may result in a fine.

Signature: M Heider Date: 4/11/22

Please return this application to the City Clerk, PO Box 756, Bunnell, FL 32110, Fax 386-437-7503, email kbates@bunnellcity.us, or in person at 604 E. Moody Blvd. Unit 6



City of Bunnell, Florida

Agenda Item No. H.2.

Document Date: 4/13/2022 Amount: \$63,826.13
Department: City Clerk Account #: 001-0572-572.4610
Subject: Request to Award the Bid for Request for Proposal (RFP) 2022-01
Remediation Services for Coquina Hall.
Agenda Section: New Business:
Goal/Priority: Quality of Life

ATTACHMENTS:

Description	Type
RFP 2022-01 Bid Package Hydradry Inc	Exhibit
Bid Opening Minutes	Minutes
Selection Committee Minutes	Minutes

Summary/Highlights:

The City issued Request for Proposal (RFP) number 2022-01 for remediation services for Historic Coquina Hall on March 25, 2022.

Background:

In 2021, the City had a building inspection completed of the Historic Coquina City Hall. Upon receipt of that report, the facility needed to be closed to public access until remediation and reconstruction of the facility could be completed.

Also in 2021, the City applied for grant funding to complete the reconstruction of the facility. As we have been notified that the City is "highly" likely to get the funding needed for reconstruction, it is possible to move forward with the remediation now. It did not make sense to move forward with remediation until reconstruction could occur very near the time remediation finished because the facility would revert to the same condition without the reconstruction being completed.

Bid opening was held on April 7, 2022 at 10:30 AM. There was only one responsive bidder:

Vendor	Bid Amount
Hydradry Inc.	\$63,826.13

The Bid Selection Committee met on April 13, 2022 and agreed to recommend award to Hydradry Inc.

The City did budget for this project in this fiscal year. This bid is slightly under the total amount budgeted. If conditions have changed at the facility and a small change order is needed, the City will still have some funds budgeted for this project.

The contract will be brought before the Commission at a future meeting.

Staff Recommendation:

Award RFP 2022-01 to Hydradry Inc. in the amount of \$63,826.13 for remediation services for the Coquina Hall.

The contract will be brought before the Commission at a future meeting once the vendor has had the opportunity to review the proposed contract, sign it and return it to the City.

City Attorney Review:

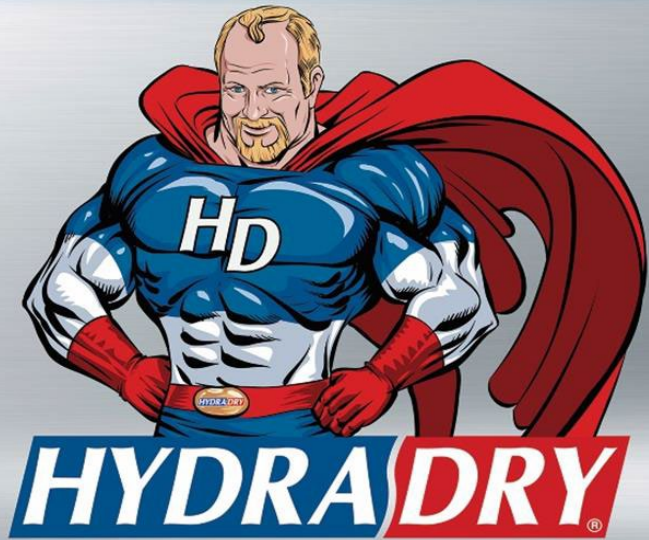
Approved as to form and legality.

Finance Department Review/Recommendation:

Approve

City Manager Review/Recommendation:

Approved.



RFP 2022-01

REMEDIATION SERVICES

**CITY OF BUNNELL
FLORIDA**



Submitted by:

Hydradry Inc.

3611 N. Apopka Vineland Road

Orlando, Florida 32818

www.Hydradry.com

ORIGINAL

**CALL 24/7 – (877) DRY DOWN/
(877) 379-3696**

**State of Florida License # CGC1525607, # MRSR406 & # MRSA1374
Florida Department of Health License # 48-64-1833923 & # 48-64-1829781**

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- C. INSURANCE CERTIFICATES
- D. LICENSES AND CERTIFICATES
- E. W-9 FORM
- F. FEE/COST PROPOSAL
- G. TIMELINE
- H. PROJECT SUMMARY AND EXPERIENCE
- I. RECOMMENDATION LETTERS
- J. REMEDIATION PROCESS BY HYDRADRY INC.
(POWER POINT PRESENTATION-ADDITIONAL INFORMATION)



A. INTRODUCTORY LETTER

April 7, 2022

City of Bunnell
City Clerk
604 East Moody Blvd. Unit 6
Bunnell, FL 32110

**RE: REQUEST FOR PROPOSAL FOR REMEDIATION SERVICES FOR THE
HISTORIC COQUINA CITY HALL, RFP 2022-01**

Dear Ms. Kristen Bates and Selection Committee Members:

Hydradry, Inc. sincerely appreciates the opportunity to provide you with our credentials and capabilities to provide remediation services. Hydradry is the leader in damage restoration and recovery services serving the community since 1974. Hydradry provides Florida 24/7 emergency services statewide. Some of our valued clients today are City of Orlando, Orange County Public Schools, Seminole County School Board, Bay District Schools of Panama City, Osceola, Pasco, Hillsborough, Levy, Brevard, Polk, Pinellas and Flagler counties.

At Hydradry the team members are our greatest assets; Our team is certified in the following:

- **Mold Assessment Inspector**
- **Indoor Air Quality Testing**
- **Hazardous Waste/Mold Remediator**
- **Contents Cleaning & Climate Controlled Storage Facility**
- **Licensed General Contractor**
- **Rebuild Services**
- **And More!**

Hydradry's project approach is to upon inspection follow the IICRC Guidelines as well as the S500 & S520 Standards throughout the duration of every project. In order to take on large losses and project opportunities we are equipped with 22 Trucks, and our qualified IICRC Certified Technicians and inspectors to provide these services. Hydradry is a State Licensed Mold Remediator and Assessor as well as a Licensed General Contractor certified to make any loss look as if it never happened.

Hydradry can provide an array of services in our field with over a 1000+ pieces of equipment including, but not limited to:

- **Air movers**
- **Dehumidifiers**
- **Air filtration Devices**
- **Moisture and Thermal Imaging Inspection Tools, etc.**





City of Bunnell
City Clerk
April 7, 2022

We are also a **Licensed Generator and Transporter of Bio-Hazardous & Bio-Medical waste for the state of Florida** Biomedical waste/hospital waste is any kind of waste containing infectious (or potentially infectious) materials such as (**COVID-19**). Our disinfectant solution of choice to fight against microbial growth and the novel coronavirus is Sporidicin Brand Disinfectant Solution which is EPA registered intermediate level disinfectant with a broad spectrum kill which cleans, disinfects, deodorizes. This chemical provides a 99.99% kill rate of pathogenic vegetative organisms, including MRSA, VRE and Avian Influenza A Virus (H9N2 and H1N1). Continuous residual activity up to 6 months. It is biodegradable and is safe for humans and pets.

Hydradry's scope of work depends on the damages done to the property through inspection, and/or air quality testing; we would place the proper equipment following the standard/protocol, we then, remove affected building material, treat, and microbial wash all building material salvageable and encapsulate completely preparing the property for final clearance testing.

Hydradry is committed to providing excellence in emergency response requests. We have proven in the past our ability to be flexible with scheduling conflicts and interruptions from events like natural disasters. In the proposal that follows, we expand on the above points. We are committed to delivering the remediation services that you are looking for – wherever and whenever you need them.

We look forward to the opportunity to deliver consistent quality services for City of Bunnell, ensuring the highest quality services and providing a healthy and safe environment for our community. Please feel free to call us for any questions during the review of our proposal.

Thank you for your consideration.

Sincerely,

Mark Davideit
President/C.E.O.



B. FORMS



**CONFLICT/NON-CONFLICT OF INTEREST STATEMENT
(Form A)**

CHECK ONE

To the best of our knowledge, the undersigned firm has no potential conflict of interest due to any other clients, contracts, or property interest for this project.

OR

The undersigned firm, by attachment to this form, submits information which may be a potential conflict of interest due to other clients, contracts, or property interest for this project.

LITIGATION STATEMENT

CHECK ONE

The undersigned firm has had no litigation and/or judgments entered against it by any local, state or federal entity and has had no litigation and/or judgments entered against such entities during the past ten (10) years.

The undersigned firm, BY ATTACHMENT TO THIS FORM, submits a summary and disposition of individual cases of litigation and/or judgments entered by or against any local, state or federal entity, by any state or federal court, during the past ten (10) years.

Hydradry Inc.

COMPANY NAME

Elizabeth Rodriguez

SIGNER'S NAME (PRINT OR TYPE)

Elizabeth Rodriguez

AUTHORIZED SIGNATURE

CITY OF BUNNELL

DRUG-FREE WORKPLACE CERTIFICATION
(Form B)

Does your Agency have a Drug-Free Workplace Program: Yes: X No:

In order to have a drug-free workplace program, a business shall:

Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violation.

Give each employee that engages in providing the commodities or contractual services that are under proposal a copy of the statement specified in subsection (1).

In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) calendar days after such conviction.

Impose sanctions on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

Elizabeth Rodriguez

NAME



SIGNATURE

Bid Analyst

TITLE

**RESPONDER'S CERTIFICATION
(Form C)**

I have carefully examined the Request for Proposal, Instructions to Responders, General and/or Special Conditions, Specifications, and any other documents accompanying or made a part of this Request for Proposal.

I hereby propose to furnish the services specified in the Request for Proposal at the prices, rates or discounts quoted in my response. I agree that my response will remain firm for a period of up to ninety (90) days in order to allow the CITY OF BUNNELL adequate time to evaluate the responses.

I agree to abide by all conditions of this response and understand that a background investigation may be conducted by the CITY OF BUNNELL prior to award.

I certify that all information contained in this response is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this response on behalf of the Responder and that the Responder is ready, willing and able to perform if awarded the contract.

I further certify, under oath, that this response is made without any prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a response; no employee or agent of the CITY OF BUNNELL or of any other Responder has any interest in said response; and that the undersigned executed this Responder's Certification with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

Hydradry Inc.

Responder

Elizabeth Rodriguez

Authorized Signature

Bid Analyst

Officer Title

4/4/2022

Date



ADDENDUM NO. 01

This addendum is issued as part of the specifications and contract documents entitled:

**CITY OF BUNNELL
REMEDIAION SERVICES FOR THE HISTORIC COQUINA CITY HALL
CITY RFP NO: 2022-01**

Date Issued: March 30, 2022

A. QUESTIONS & ANSWERS

Question 1: Fee/Cost proposal form is not included in the proposal package. Are we creating our own? Please clarify.

Answer 1: Vendors will create their own fee/cost proposal document

Question 2: Can we have a copy of the building plans?

Answer 2: The City does not have any building plans on this structure. Bunnell City Hall was constructed in 1937 as a (WPA) Federal Public Works project with minor additions in later years. A detailed permit history for this building is not in City records.

Question 3: Is the Historic Coquina City Hall building having the original insulation?

Answer 3: It is not known if the insulation is original from 1937; however it is suspected it has been updated since initial construction. A detailed permit history is not in the City records.

Question 4: Did the City of Bunnell perform a Led-Based Paint inspection and an Asbestos Inspection of the Coquina City Hall building?

Answer 4: All inspections completed on the structure were published with the RFP.

Question 5: Is it possible to have an extension of the bid opening and another site tour to perform another inspection of the roof, masonry, etc.?

Answer 5: The City is not extending the bid opening or scheduling another site visit.

Question 6: The specifications on page 6 are not detailed/explained of what needs to be remediated in the building interior and exterior. Please explain in detail.

- a) Gutters
- b) Roof
- c) Missing Fasteners

- d) Negative grading -land slopes toward building
- e) Moss/Algae
- f) HVAC (HVAC units (how many?), Duct cleaning, Filters (what kind & size?), Fixing ducts, how many of each?
- g) Masonry-cracking
- h) Rotted components-wood around roof and windows. And Trusses?
- i) Insulation
- j) Lead or Asbestos-Have they had it removed prior? Can you provide copy of the report?

Answer 6: This RFP is focusing on remediation of the facility only- the removal or treatment of mold, mildew, moss, algae, plant matter growing on or between bricks and flooring or other substances that are causing damage to the structure. This RFP is not requesting full reconstruction of the facility or replacement to elements of the building that will be done through a separate full reconstruction project. However, if for example, a portion of drywall needs to be removed due to contamination and to leave the wall without being repaired would increase the likelihood of mold, mildew, moss, algae or other contamination to reoccur, then minor repairs should be included in the proposal. Minor reconstructive costs needed to prevent further environmental issues from developing pending the reconstruction project should be included in the proposal.

- a) **Gutters- Remediate any mold, mildew, moss, algae, any plant matter, etc. that may be causing environmental issues to the structure. Replacement of gutters will occur in a separate project.**
- b) **Roof- Remediate any mold, mildew, moss, algae, any plant matter, etc. that may be causing environmental issues to the structure. Patch any holes found in the roof to prevent further damage, but replacement of roof will occur in a separate project.**
- c) **Missing Fasteners- Unless missing fasteners are causing active leaks to occur this will be addressed in a separate reconstruction project.**
- d) **Negative grading -land slopes toward building- This will be addressed in a separate reconstruction project.**
- e) **Moss/Algae- Any and all mold, mildew, moss, algae, any plant matter, etc should be removed/remediated from the facility. This would include interior and exterior facility surfaces.**
- f) **HVAC (HVAC units (how many?), Duct cleaning, Filters (what kind & size?), Fixing ducts, how many of each?- There are 3 HVAC units. The units should be remediated for any mold, mildew, moss, algae, plant matter, etc. This could include the replacement of filters and cleaning of any duct work if these conditions are found to exist in the ducts. The units have been getting regular maintenance through a certified HVAC contractor.**
- g) **Masonry-cracking- This will be addressed in a separate reconstruction project.**
- h) **Rotted components-wood around roof and windows. And Trusses?- Any and all mold, mildew, moss, algae should be removed/remediated from the facility. Unless structurally needed or to prevent further environmental issues from developing pending the reconstruction project, only the remediation or any and all mold, mildew, moss, algae, any plant matter, etc should be completed.**
- i) **Insulation- Removal of contaminated insulation may be needed. The majority of the structure is coquina brick. If replacement of any removed insulation is needed to prevent further environmental issues from developing pending the reconstruction project, then insulation would be replaced.**
- j) **Lead or Asbestos-Have they had it removed prior? Can you provide copy of the report- The City has no information on either of these issues.**


Question 7: Is the City of Bunnell accepting change orders? Please add the City of Bunnell change order policy.

Answer 7: Per the Bunnell Code of Ordinance Section 2-115 The purchasing agent shall have the authority to approve contract modifications, change orders and contract price

adjustments totaling ten percent or less of the original contract, not to exceed \$2,500.00 cumulatively. If the change order exceeds ten percent of the original contract, or if the cumulative total of all change orders shall exceed \$2,500.00, then the approval shall be by the city commission.

The Bunnell City Commission meets twice a month on the second and fourth Monday of each month. Change order requests needing Commission approval will be prepared by staff and placed on the next possible agenda for review by the City Commission.

ACKNOWLEDGEMENT:

 4/4/22
Signature and Date

Elizabeth Rodriguez, Bid Analyst
Printed Name and Title

Hydradry Inc.
Company Name

PLEASE ACKNOWLEDGE AND INCLUDE ALL ADDENDA IN YOUR BID SUBMISSION PACKET

END ADDENDUM NO. 01



ADDENDUM NO. 02

This addendum is issued as part of the specifications and contract documents entitled:

**CITY OF BUNNELL
REMEDATION SERVICES FOR THE HISTORIC COQUINA CITY HALL
CITY RFP NO: 2022-01**

Date Issued: April 1, 2022

A. QUESTIONS & ANSWERS

Question 1: Roofing Company Recommendations: Which option would the city like to proceed with? 1 being least expensive. 3 being most expensive. Roof Wrapping may give adequate time until replacement is fulfilled? Please let us know which option you would like us to proceed with for estimating purposes. * Note - Unwarranted services

Flat gravel roof

- Roof repair (No warranty) 1
- Roof Wrap (Shrink wrap, limited warranty) 2
- Full replacement 3

Metal Roof


- Temporary sealing (No Warranty) 1
- Roof Wrap (Shrink wrap, limited warranty) 3
- Full Repair and or replacement 3

Answer 1: This RFP is focusing on remediation of the facility only- the removal or treatment of mold, mildew, moss, algae, plant matter growing on or between bricks and flooring or other substances that are causing damage to the structure. This RFP is not requesting full reconstruction of the facility or replacement to elements of the building as this will be done through a separate full reconstruction project this calendar year. If adding this or similar reconstruction costs that have available options, it is recommended you include all available options clearly identified as an option. The method would then be decided on during the execution of any awarded contract.

Question 2: We will be estimating to clean all HVAC units and clean and apply antimicrobial treatment to all surfaces in entire building. Due to shared air space and door openings.

Answer 2: There was no question to be answered.

ACKNOWLEDGEMENT:

 4/4/22
Signature and Date

Elizabeth Rodriguez, Bid Analyst

Printed Name and Title

Hydradry Inc.

Company Name

PLEASE ACKNOWLEDGE AND INCLUDE ALL ADDENDA IN YOUR BID SUBMISSION PACKET

END ADDENDUM NO. 02

C. INSURANCE CERTIFICATES



THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED - OWNERS, LESSEES OR
CONTRACTORS - SCHEDULED PERSON OR
ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location(s) Of Covered Operations
Any person or organization for whom you are performing operations when you and such person or organization have agreed in writing in a contract or agreement, effected prior to the date your operations for that person or organization commenced, that such person or organization be added as an additional insured on your policy.	In respect to any location where the named insured is performing "your work".
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II - Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location And Description Of Completed Operations
Any person or organization for whom you are performing operations when you and such person or organization have agreed in writing in a contract or agreement, effected prior to the date your operations for that person or organization commenced, that such person or organization be added as an additional insured on your policy.	In respect to any location where the named insured is performing "your work".
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".



CERTIFICATE OF LIABILITY INSURANCE

Acct#: 2826690

DATE (MM/DD/YYYY)
03/29/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER LOCKTON AFFINITY, LLC P.O. BOX 879610 KANSAS CITY, MO 64187-9610	CONTACT NAME: LOCKTON AFFINITY, LLC
	PHONE (A/C, No, Ext): 888-828-8365
	FAX (A/C, No): 913-652-7599
	E-MAIL ADDRESS:
	INSURER(S) AFFORDING COVERAGE
	INSURER A : Old Republic Insurance Company
	INSURER B :
	INSURER C :
	INSURER D :
	INSURER E :
	INSURER F :

INSURED
 Hydra Dry, Inc.
 3611 N Apopka Vineland Rd
 Orlando, FL 32868

NAIC #
 24147


COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS- <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY	X	X	L212765-21	10/12/2021	10/12/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?						PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
	(Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) GPBR: 1GL1
 POLICY PROVIDES PROTECTION FOR ANY AND ALL OPERATIONS/JOB PERFORMED BY THE NAMED INSURED WHERE REQUIRED BY WRITTEN CONTRACT. CERTIFICATE HOLDER IS AN ADDITIONAL INSURED WHERE REQUIRED BY WRITTEN CONTRACT. WAIVER OF SUBROGATION INCLUDED BY WRITTEN CONTRACT. INSURANCE IS PRIMARY AND NON-CONTRIBUTORY.
 30 day Notice of Cancellation
 Additional Insureds: City of Bunnell

CERTIFICATE HOLDER**CANCELLATION**

City of Bunnell 604 East Moody Blvd. Unit 6 Bunnell, FL 32110	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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D. LICENSES AND CERTIFICATES



State of Florida

Department of State

I certify from the records of this office that HYDRADRY, INC. is a corporation organized under the laws of the State of Florida, filed on March 31, 1997, effective March 27, 1997.

The document number of this corporation is P97000029347.

I further certify that said corporation has paid all fees due this office through December 31, 2022, that its most recent annual report/uniform business report was filed on January 26, 2022, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Twenty-third day of February,
2022*



Randy R. Lee
Secretary of State

Tracking Number: 5297410631CU

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

Ron DeSantis, Governor

Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
MOLD-RELATED SERVICES LICENSING PROGRAM

LICENSE NUMBER: MRSR406

EXPIRATION DATE: JULY 31, 2022

THE MOLD REMEDIATOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 468, FLORIDA STATUTES

DAVIDEIT, MARK R
3615 N APOPKA VINELAND RD
ORLANDO FL 32818



ISSUED: 06/10/2020

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

DUYSENOV, DANIYAR

HYDRADRY, INC.
3611 N. APOPKA VINELAND RD.
ORLANDO FL 32818

LICENSE NUMBER: CGC1525607

EXPIRATION DATE: AUGUST 31, 2022

Always verify licenses online at MyFloridaLicense.com



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STATE OF FLORIDA
DEPARTMENT OF HEALTH
Operating Permit

48-64-1833923

48-BID-5374050

Biomedical Waste - Other (Generator)

Issued To: Hydra Dry LLC
3611 N Apopka Vineland Road
Orlando, FL 32818

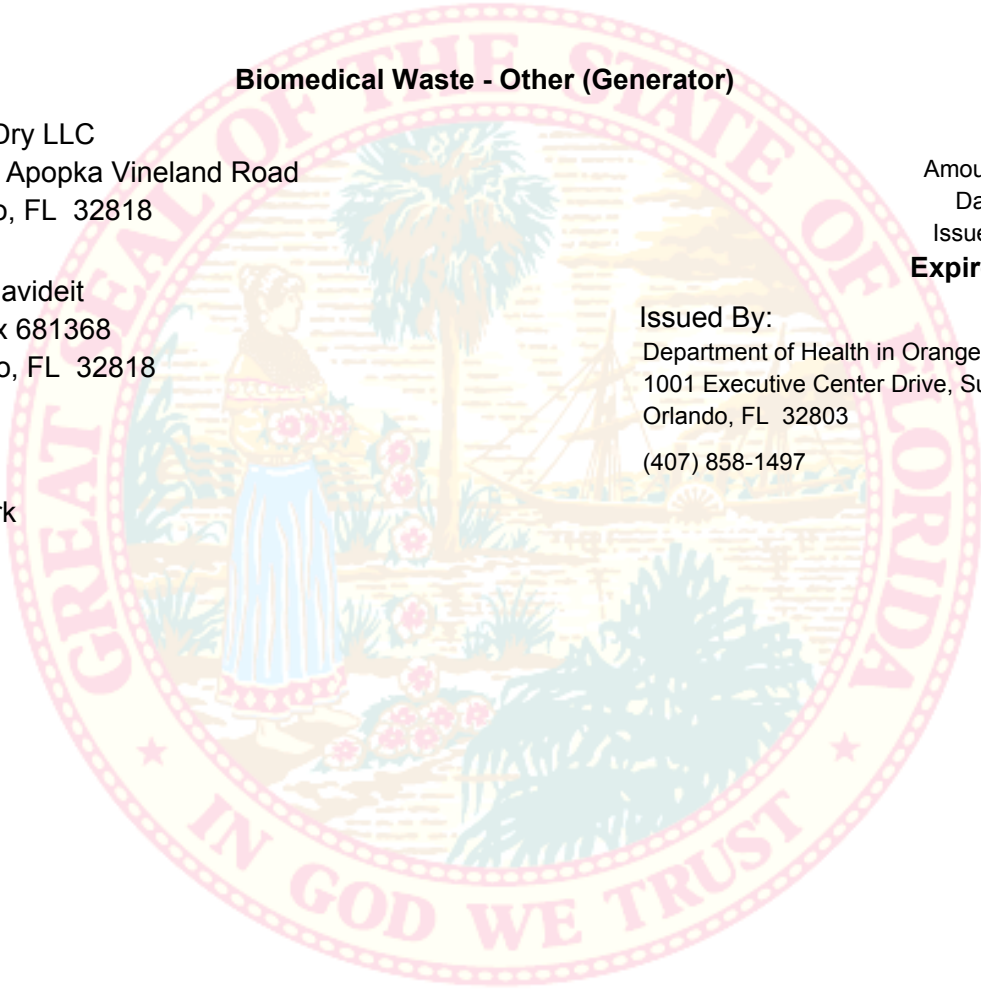
County: **Orange**
Amount Paid: \$150.00
Date Paid: 07/26/2021
Issued Date: 10/01/2021

Expires On: 09/30/2022

Mail To: Mark Davideit
PO Box 681368
Orlando, FL 32818

Issued By:
Department of Health in Orange County
1001 Executive Center Drive, Suite 200
Orlando, FL 32803
(407) 858-1497

Owner: Davideit, Mark



Original Customer: Hydra Dry LLC (NON-TRANSFERABLE)

DISPLAY CERTIFICATE IN A CONSPICUOUS PLACE



STATE OF FLORIDA
DEPARTMENT OF HEALTH
Operating Permit

48-64-1833923

48-BID-5374050

Biomedical Waste - Other (Generator)

Issued To: Hydra Dry LLC
3611 N Apopka Vineland Road
Orlando, FL 32818

County: **Orange**
Amount Paid: \$150.00
Date Paid: 07/26/2021
Issued Date: 10/01/2021

Expires On: 09/30/2022

Mail To: Mark Davideit
PO Box 681368
Orlando, FL 32818

Issued By:
Department of Health in Orange County
1001 Executive Center Drive, Suite 200
Orlando, FL 32803
(407) 858-1497

Owner: Davideit, Mark





STATE OF FLORIDA
DEPARTMENT OF HEALTH
Registration

48-64-1829781
Reg No: 7813

48-BID-5372108

Transporter Number of Trucks: 1

Biomedical Waste - Transporter

Issued To: Hydra Dry, Inc
3611 N Apopka Vineland Road
Orlando, FL 32818

County: **Orange**
Amount Paid: \$150.00
Date Paid: 09/13/2021
Issued Date: 10/01/2021

Expires On: 09/30/2022

Mail To: Mark Davideit
3615 N Apopka Vineland Road
Orlando, FL 32818

Issued By:
Department of Health in Orange County
1001 Executive Center Drive, Suite 200
Orlando, FL 32803
(407) 858-1497

Owner: Davideit, Mark



Original Customer: Hydra Dry, Inc (NON-TRANSFERABLE)

DISPLAY CERTIFICATE IN A CONSPICUOUS PLACE



STATE OF FLORIDA
DEPARTMENT OF HEALTH
Registration

48-64-1829781
Reg No: 7813

48-BID-5372108

Issued To: Hydra Dry, Inc
3611 N Apopka Vineland Road
Orlando, FL 32818

County: **Orange**
Amount Paid: \$150.00
Date Paid: 09/13/2021
Issued Date: 10/01/2021

Expires On: 09/30/2022

Mail To: Mark Davideit
3615 N Apopka Vineland Road
Orlando, FL 32818

Issued By:
Department of Health in Orange County
1001 Executive Center Drive, Suite 200
Orlando, FL 32803
(407) 858-1497

Owner: Davideit, Mark



Licensee Details

Licensee Information

Name: **DAVIDEIT, GREGORY MARK (Primary Name)**
Main Address: **3615 N APOPKA VINELAND RD
ORLANDO Florida 32818**
County: **ORANGE**

License Mailing:

LicenseLocation:

License Information

License Type: **Mold Remediator**
Rank: **Mold Rem**
License Number: **MRSR1555**
Status: **Current,Active**
Licensure Date: **03/18/2011**
Expires: **07/31/2022**

Special Qualifications **Qualification Effective**

Alternate Names

[View Related License Information](#)

[View License Complaint](#)

[2601 Blair Stone Road, Tallahassee FL 32399](#) :: Email: **[Customer Contact Center](#)** :: Customer Contact Center: 850.487.1395

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However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public.

Licensee Details

Licensee Information

Name: **DAVIDEIT, MARK R (Primary Name)**
Main Address: **3615 N APOPKA VINELAND RD
ORLANDO Florida 32818**
County: **ORANGE**

License Mailing:

LicenseLocation:

License Information

License Type: **Mold Assessor**
Rank: **Mold Assr**
License Number: **MRSA1374**
Status: **Current,Active**
Licensure Date: **03/15/2011**
Expires: **07/31/2022**

Special Qualifications **Qualification Effective**

Alternate Names

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[View License Complaint](#)

[2601 Blair Stone Road, Tallahassee FL 32399](#) :: Email: **[Customer Contact Center](#)** :: Customer Contact Center: 850.487.1395

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However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public.

Licensee Details

Licensee Information

Name: **DAVIDEIT, MARK R (Primary Name)**
Main Address: **3615 N APOPKA VINELAND RD
ORLANDO Florida 32818**
County: **ORANGE**

License Mailing:

LicenseLocation:

License Information

License Type: **Mold Remediator**
Rank: **Mold Rem**
License Number: **MRSR406**
Status: **Current,Active**
Licensure Date: **02/07/2011**
Expires: **07/31/2022**

Special Qualifications **Qualification Effective**

Alternate Names

[View Related License Information](#)

[View License Complaint](#)

[2601 Blair Stone Road, Tallahassee FL 32399](#) :: Email: **[Customer Contact Center](#)** :: Customer Contact Center: 850.487.1395

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However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public.

Licensee Details

Licensee Information

Name: **DAVIDEIT, MARK R (Primary Name)**
HYDRADRY, INC. (DBA Name)

Main Address: **3611 N APOPKA VINELAND RD**
ORLANDO Florida 32818

County: **ORANGE**

License Mailing:

LicenseLocation:

License Information

License Type: **Construction Financial Officer**

Rank: **Fin Officer**

License Number: **FRO8219**

Status: **Current**

Licensure Date: **08/14/2017**

Expires:

Special Qualifications **Qualification Effective**

Alternate Names

[View Related License Information](#)

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However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public.

Licensee Details

Licensee Information

Name: **NETHERCUTT, CHRIS R (Primary Name)**
Main Address: **12263 OLIVE JONES RD
TAMPA Florida 33625**
County: **HILLSBOROUGH**

License Mailing: **12263 OLIVE JONES RD
TAMPA FL 33625**
County: **HILLSBOROUGH**

LicenseLocation:

License Information

License Type: **Mold Remediator**
Rank: **Mold Rem**
License Number: **MRSR2664**
Status: **Current,Active**
Licensure Date: **10/17/2016**
Expires: **07/31/2022**

Special Qualifications **Qualification Effective**

Alternate Names

[View Related License Information](#)

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However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public.

United States Environmental Protection Agency

This is to certify that



Hydra Dry, Inc.

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint renovation, repair, and painting activities pursuant to 40 CFR Part 745.89

In the Jurisdiction of:

All EPA Administered States, Tribes, and Territories

This certification is valid from the date of issuance and expires April 27, 2026

NAT-105653-3

Certification #

January 12, 2021

Issued On



Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch

Seal of Approval—Service Provider

**The Carpet and Rug
Institute**

This certificate is presented to

**HydraDry, Inc
Orlando, Florida 32818**

*As a Certified Service Provider under
The Carpet and Rug Institute
*Seal of Approval Program**

Coordinator—Seal of
Approval program

May 23, 2017
Date





IICRC DIGITAL BADGE CERTIFICATE

We hereby confirm that

HYDRA DRY INC

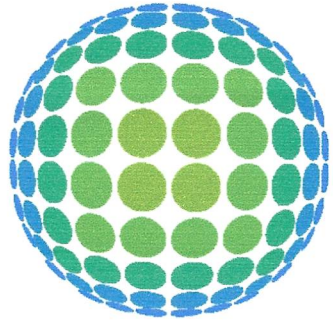
is certified as an IICRC Certified Firm

Expires on: 31 DEC 2022

Verify: <https://www.credly.com/go/nBYhjmlK>



IICRC[®]
Institute of Inspection Cleaning
and Restoration Certification



IICRC[®]

Institute of Inspection Cleaning
and Restoration Certification

MARK R. DAVIDEIT

is a registrant in good standing with the IICRC, and has qualified by service and examination for certification in the following areas:

WATER DAMAGE RESTORATION

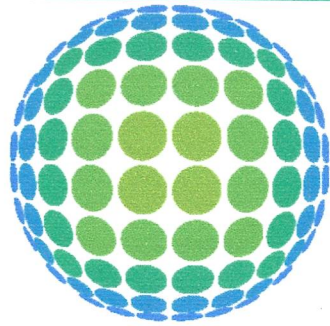
This registrant has pledged to perform services in these areas with skill, honesty, and integrity to provide the consumer with the highest standard of care and expertise.

116344

REGISTER NUMBER

07/31/2022

EXPIRATION DATE



IICRC[®]

Institute of Inspection Cleaning
and Restoration Certification

WILLIAM A. FREELAND

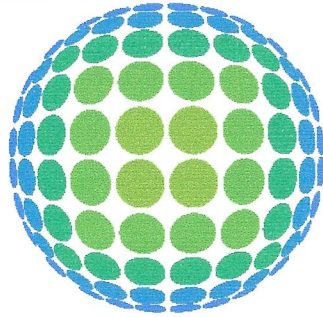
is a registrant in good standing with the IICRC, and has qualified by service and examination for certification in the following areas:

**APPLIED MICROBIAL REMEDIATION
APPLIED STRUCTURAL DRYING
CARPET CLEANING
WATER DAMAGE RESTORATION**

This registrant has pledged to perform services in these areas with skill, honesty, and integrity to provide the consumer with the highest standard of care and expertise.

8411962
REGISTER NUMBER

04/30/2022
EXPIRATION DATE



IICRC[®]

Institute of Inspection Cleaning
and Restoration Certification

CHRIS R NETHERCUTT

is a registrant in good standing with the IICRC, and has qualified by service and examination for certification in the following areas:

**CARPET REPAIR & REINSTALLATION
UPHOLSTERY & FABRIC CLEANING
WATER DAMAGE RESTORATION
FIRE & SMOKE DAMAGE RESTORATION
COMMERCIAL DRYING**

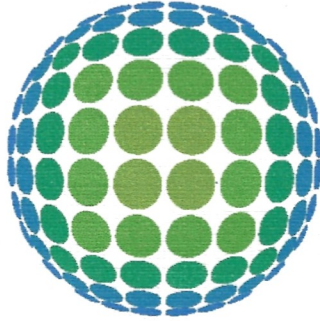
This registrant has pledged to perform services in these areas with skill, honesty, and integrity to provide the consumer with the highest standard of care and expertise.

89235

REGISTER NUMBER

03/31/2022

EXPIRATION DATE



IICRC®

Institute of Inspection Cleaning
and Restoration Certification

MATTHEW T. MAXSON

is a registrant in good standing with the IICRC, and has qualified by service and examination for certification in the following areas:

**APPLIED STRUCTURAL DRYING
FIRE & SMOKE DAMAGE RESTORATION
WATER DAMAGE RESTORATION
ODOR CONTROL**

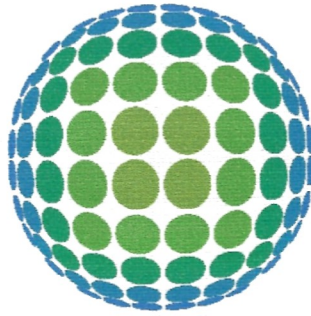
This registrant has pledged to perform services in these areas
with skill, honesty, and integrity to provide the consumer
with the highest standard of care and expertise.

672443

REGISTER NUMBER

09/30/2022

EXPIRATION DATE



IICRC[®]

Institute of Inspection Cleaning
and Restoration Certification

GREGORY M DAVIDEIT

is a registrant in good standing with the IICRC, and has qualified by service and examination for certification in the following areas:

**WATER DAMAGE RESTORATION
APPLIED MICROBIAL REMEDIATION
FIRE & SMOKE DAMAGE RESTORATION**

This registrant has pledged to perform services in these areas with skill, honesty, and integrity to provide the consumer with the highest standard of care and expertise.

116348

REGISTER NUMBER

07/31/2022

EXPIRATION DATE

E. W-9 FORM



Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Hydradry Inc.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

Individual/sole proprietor or single-member LLC

C Corporation

S Corporation

Partnership

Trust/estate

Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

Other (see instructions) ▶ _____

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
3611 N. Apopka Vineland Rd

6 City, state, and ZIP code
Orlando, FL 32818

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

				-						
--	--	--	--	---	--	--	--	--	--	--

or

Employer identification number

5	9	-	3	4	3	5	5	9	1
---	---	---	---	---	---	---	---	---	---

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶  Date ▶ 1/3/2022

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

F. FEE/COST PROPOSAL



CITY OF BUNNELL, FLORIDA



REQUEST FOR PROPOSAL FOR
REMEDIAION SERVICES FOR THE HISTORIC COQUINA CITY HALL
RFP 2022-01

FEE/COST PROPOSAL

Item	Description	Total
1.	Roof Repair	\$14,000.00
2.	HVAC	\$5,500.00
3.	Mold Cleaning	\$42,016.13
4.	Exterior Miscellaneous	\$2,310.00
Grand Total		\$63,826.13

Grand Total in Words: Sixty three thousand eight hundred twenty six dollars and thirteen cents

Bidder/Contractor Name: Hydradry Inc.

Mailing Address: P.O. Box 681368 Orlando, FL 32868

Telephone Number: (407) 290-0567 Fax Number: (888) 426-7397 E-mail address: Eli@Hydradry.com

Elizabeth Rodriguez
Authorized Signatory

Elizabeth Rodriguez
Printed Name

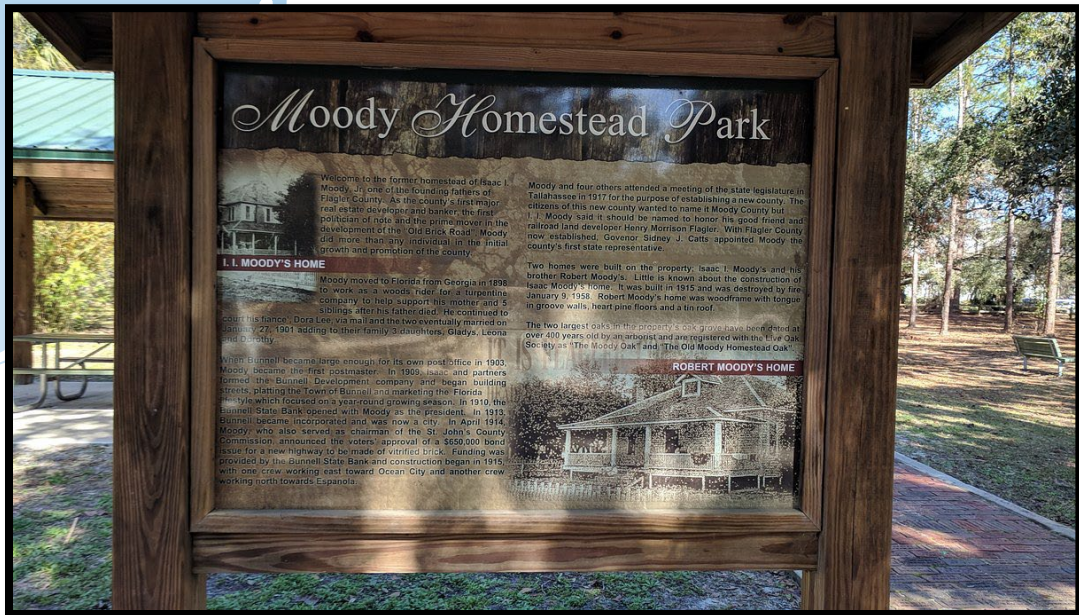
FEIN: 59-3435591

Title: Bid Analyst

April 4, 2022
Date



G. TIMELINE



CITY OF BUNNELL, FLORIDA



**REQUEST FOR PROPOSAL FOR
REMEDIAION SERVICES FOR THE HISTORIC COQUINA CITY HALL
RFP 2022-01**

TIMELINE



The **Bunnell Coquina City Hall** (also known as the **Bunnell Civic Center** and the **Bunnell City Hall**) is a unique one-story public building constructed of locally quarried [coquina](#) stone. The property is located at 200 South Church Street, Bunnell, FL 32110 in the downtown section of the city. It includes man-made Lake Lucille with its jetting fountain in the front of the building, which creates an impressive visual appeal to the setting of the property. It was built in 1936–1937 with grant funding from the Work Progress Administration [WPA](#).^[2]

Hydradry Inc. has reviewed the proposal documents, the scope, and toured the existing site. For this project, we understand we are remediating the Historic Coquina City Hall.

Hydradry Inc. also understands the importance of delivering the project in the feasible timeline to the City of Bunnell. We are fully capable and flexible to work through unexpected events; if happen, and still ensure that the customer receives the most complete and timely completion of the project.

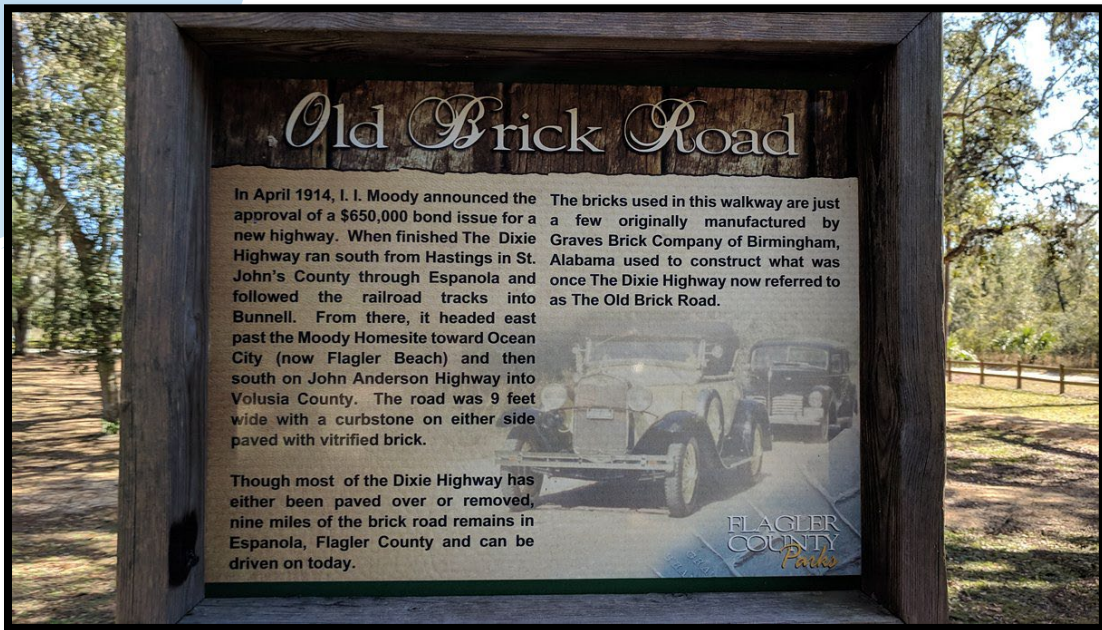
Our team is highly competitive in remediation historical projects for government agencies such as the City of Orlando, Orange County Public Schools, Gainesville Housing Authority, and others.

Hydradry Inc. is aware the value Coquina City Hall building to the City of Bunnell's community. It is imperative to start the remediation efforts immediately to avoid more damages. Hydradry will start services on May 10th as specified in the solicitation document. Hydradry estimates the timeline for completion around 3 to 4 weeks.

We are committed to meeting the time and budget expectations for this project. We thank you for the opportunity to provide our qualifications to serve the City of Bunnell and look forward to working together.



H. PROJECT SUMMARY AND EXPERIENCE



PROJECT UNDERSTANDING AND APPROACH

Hydradry Inc. is very familiar with the scope of services required by this RFP; we have been the remediation contractor for several counties, such as Orange, Seminole, Flagler, Manatee, Pasco and others. In addition, Hydradry Inc. has two satellite locations in Tampa, FL and Dallas, TX. Hydradry Inc. is part of the remediation team during the current state of emergency in Louisiana and Texas. In August 2020, Hurricane Laura devastated the City of Lake Charles; Hydradry's crew responded and established an office to alleviate with the remediation and reconstruction efforts to the City. February 2021, a winter storm hit Texas causing tremendous damages to the residents. Hydradry established another satellite office in the City of Dallas to help with the reconstruction efforts.

Hydradry Inc. is ready to respond to any type of disaster. In addition to Disaster Restoration and Remediation, Hydradry is trusted by state and local government agencies to perform COVID-19 Disinfection. Hydradry is one of a select few companies in the state that is both EPA-certified and licensed with the Florida Department of Health-performing COVID-19 sanitization. Hydradry adheres to all OSHA regulations, is certified by the IICRC (Institute of Inspection Cleaning & Restoration Certification) and strictly follows the most state-of-the-art procedures when it comes to disease and virus disinfection. Coronavirus (COVID-19) is still novel, so our Biohazard Response Team continually consults with the Centers for Disease Control and Prevention (CDC) for up-to-date solutions. Hydradry only utilizes CDC approved and EPA registered disinfectants, and all of Hydradry's Biohazard Responders always wear fully encapsulated PPE.

Hydradry's staff is ready to respond throughout all hours of the day and night, all year round. We respond to emergencies immediately, and we always have an after-hours response team standing by. Our clients/agencies will never be forwarded to voicemail, as all of our after-hours calls are immediately patched to our emergency response team – with our clients/agencies receiving top-priority. Service: 24/7.

As Florida's trusted family-owned remediation recovery company, Hydradry Inc. is committed to providing the Agencies with honest, transparent, immediate, and effective services – with due consideration for value and fair pricing.

COMPANY PROFILE

Hydradry Inc. is a leading general contractor and an environmental hazard abatement contractor founded in Florida in 1974. Hydradry Inc. is a state licensed general contractor, mold remediation contractor, repair and painting contractor and is also EPA certified to perform lead-based paint renovations.

In short, Hydradry gives clients the convenience of one contractor performing all the work. We are confident in our ability to offer a variety of environmental services, such as mold remediation, water damage mitigation, and lead remediation will be invaluable to your anticipated building maintenance and renovation needs.



Key Factors of Hydradry's Team:



Communication

Hydradry knows the importance of effective communication. Communication is vital to the successful completion of any project. Hydradry poses effective communication skills, teamwork and leadership for a successful project completion.

Expertise

Hydradry has acquired specialized knowledge in the remediation field since 1974. We understand how various parts of the process fit together and knows the facts that waste, excessive cost and delays is the result of poor experience, communication and lack of organization. Hydradry main interest is the owners (City of Bunnell) and to ensure that such problems do not occur.

Specialized knowledge can be greatly beneficial, particularly in large projects and natural disasters, since experts in various specialties can provide valuable services. However, it is advantageous to understand how the various parts of the process fit together. Waste, excessive cost and delays can result from poor coordination and communication among specialists. It is particularly in the interest of owners to ensure that such problems do not occur.

Hydradry responsibility is the commitment of the entire process of the project management to make sure the owner's interests. Hydradry has a good corporate reputation of quality of service.

Organization

Hydradry organization skills is one of our major attributes. Hydradry will make sure the project is done on time and under budget, Hydradry will keep all aspects of the project organized and running smoothly. Hydradry's crew member are efficient, qualified, productive and a professional attitude. Hydradry will make sure to do the job right the first time.

Hydradry Inc. provides several services to our customers, some examples include:

- 24-hour Emergency Services
- Air Duct Cleaning
- Anti-Microbial Product Application
- Biohazard Cleanup
- CARPETECH Carpet Cleaning
- Catastrophe Management
- Clean Up and Decontamination from Vandalism Events
- Consulting Services
- Contents Restoration
- Commercial Construction Cleanup
- COVID-19 Cleanup and Disinfection
- Document & Media Recovery
- Electronic Restoration
- Daily Monitoring and Recording of Moisture Levels
- Dehumidification
- Deodorization, Odor Control
- Desiccant/Refrigerant Drying
- Demolition Services
- Debris Management and Removal (Interior)
- FEMA-compliant Documentation
- Emergency Power
- Emergency Response
- Fire, Smoke and Soot Restoration
- HVAC Decontamination, and Cleaning
- General Contracting & Reconstruction
- Large Scale Water, Flood and Sewage Mitigation
- Mold/Microbial Removal & Remediation
- Rapid Response and Mobilization
- Removal and Disposal of Wet Materials
- Sewage Backup Sanitizing Services
- Tile and Grout Cleaning
- Transportation and Disposal of Hazardous Materials
- Trauma Cleanup
- Transportation and Storage
- Upholstery Cleaning
- Ultrasonic Cleaning
- Water Damage Restoration
- Water Extraction and Moisture Control

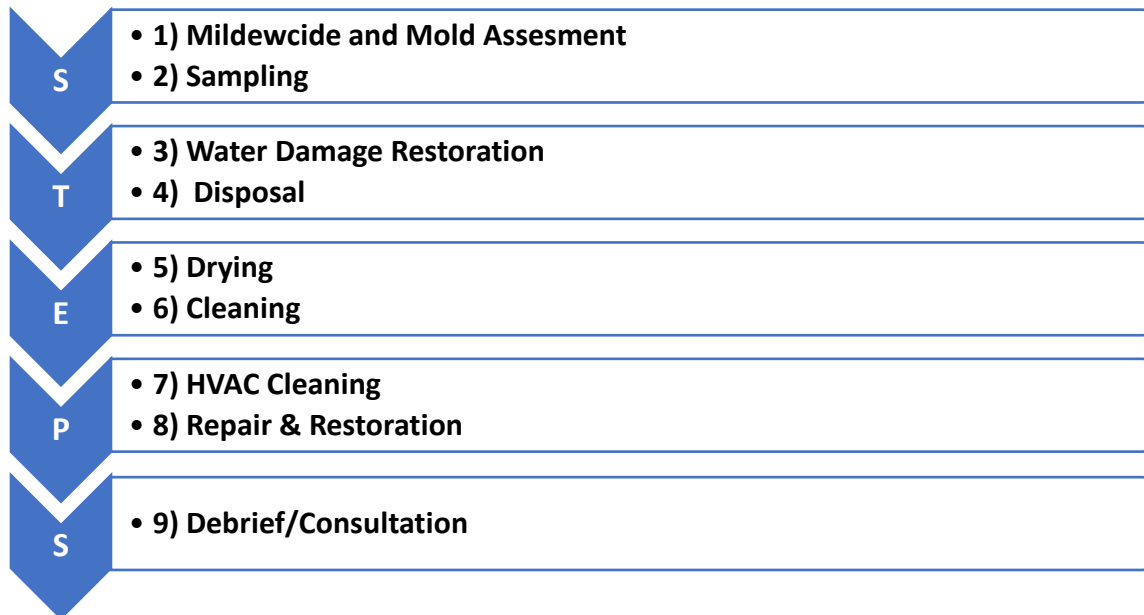
PROJECT APPROACH

MOLD AND WATER

Explanation of Remediation Approach and Methodology

Overview

The following sections lay out the blueprints for our remediation approach. Our approach is presented utilizing nine (9) steps. While not specifically identified, we fully understand that the key to any successful remediation service is communication with the client. This communication will include remediation requests as well as timing of remediation procedures with the responsible parties prior to initiation. Our goal is to ensure that everyone involved in this process fully understands their role, as well as any deadlines. We have a certified team with extensive knowledge in mold and water damage field. In addition, we realize that remediation process is often subject to scheduling changes based upon activities, events and change orders that may take place during the remediation process. As we start to remove affected building material on any given project there may be additional findings that would require a change order, if not already listed in the statement of work. We are fully capable and flexible to work through these types of events and still ensure that the customer receives the most complete and timely remediation services.



Step 1 – Mildewcide and Mold Assessment

Mildewcide is an additive that inhibits the growth of mold and mildew on surfaces. The first stage in mildewcide and mold remediation services is an assessment. The Hydradry team will visit the premises in order to inspect for mildewcide and mold. Sometimes this will be a straightforward process consisting of a visual inspection of the area to confirm the presence of either mildewcide or mold. In other cases, though, more invasive techniques may be necessary. For instance, if the mildewcide and mold is hidden (under carpets or in wall cavities) then it may be necessary for carpets to be removed, walls to be knocked through and paint to be peeled away.

Step 2 – Sampling

This step-in **mold inspecting services** will not always be necessary, but where the residents are experiencing health problems such as breathing difficulties, sampling may be necessary in order to identify the particular type of mold. Some species such as *Stachybotrys Chartarum* are particularly dangerous and thus sampling can identify the extent of the risk. In the form of air quality testing kit or swab testing.

Step 3 – Water Damage Restoration

Often enough, mold is caused by the presence of damp or visual water damage. These often go hand-in-hand as mold actually requires wet surfaces in order to spread and thrive. If mold spores come in contact with a wet, porous surface, they will normally settle in and begin growing within 24 hours.

This makes it necessary for mold remediation companies to find and seal off any water source before proceeding with subsequent steps. They can use infrared scanners and probes in order to find hidden leaks and seepage and then use basic construction services, plumbing or other means in order to prevent more water from getting in.

Step 4 – Disposal

Before the Hydradry continues with the drying and cleaning of your belongings, they will first dispose of items that are beyond repair. This will likely be necessary for any porous items such as mattresses, pillows or dry wall which may have absorbed quantities of mold and contaminated water.

Step 5 – Drying

Once the water has been stopped, it is then necessary for the mold remediation crew to carefully dry the affected area. This is important in order to prevent the mold from spreading more. While they dry though, they must take caution to avoid disturbing the mold spores and dust and causing it to re-enter the atmosphere. For a preventative method we always place AFD (air scrubber cleans the air).

Step 6 – Cleaning

With the surfaces dried out, the Hydradry will then clean off any items that they need to. In some cases, they will need to use other more heavy-duty approaches such as wet and dry vacuuming, dry ice vacuuming etc. A HEPA vacuum is a high-efficiency particulate air vacuum which can remove mold from the air as well as debris and dust.

Step 7 – HVAC Cleaning

If mold spores have gotten into the air ducts and vents, then these can be circulated around the house unintentionally. Thus, mold companies with mold **remediation services** will often also need to thoroughly clean these areas as well.

During all this process, companies must be careful to ensure they have gotten all of the mold out of the property and will wear PPE (Personal Protection Equipment) to avoid inhalation themselves. Therefore, it is so important to use a professional service rather than to try yourself to address the issue.

Step 8 – Repair and Restoration

Depending on the range of services being offered by the remediation Hydradry in question, you may also receive some help with restoring and repairing aspects of your home. Some companies, for instance, offer fabric restoration services while others may help with repainting or retiling. If your carpet pad has been affected by mold, then you may need carpet installation services. These features all help to get your home back to a livable condition so that you can return to normal life as soon as possible.

Step 9 – Debrief/Consultation

In some cases, mold infestation can be avoided and if this is the case then a mold remediation Hydradry may providing debriefing and advice to help you prevent future colonies from affecting your home.

SEWAGE REMEDIATION

Description of the Primary Problem

When a building is contaminated with sewage backing up from the septic lines or flooding of a building occurs that involves sewage or a heavy load of organic matter, as in the case of river flooding, a serious threat to human health exists. Without appropriate action, extensive damage to materials will occur immediately or in time. Several days may elapse before the cause of the backup is determined, the problem is corrected, and flooding subsides. This allows extensive permeation and contamination of absorbent (hygroscopic) materials such as wood, gypsum, paper, and concrete to occur. This penetration with water and organic matter leads to the growth of potentially disease-causing (or opportunistic) microorganisms. These organisms may pose a serious health risk to occupants of the building. Organic matter and water-saturated materials can be used as substrate for the growth of microorganisms (such as gram-negative bacteria and toxigenic fungi) that can produce substances toxic to humans and damaging to materials. A large amount of water inside a building will cause high humidity, which can also contribute to microbial growth on structural materials and contents.

Questions to Be Raised After Sewage Contamination

Some of the questions to be answered in this situation include the following: What are the effects of the initial contamination on the building, its contents, and the health and welfare of its occupants? What is needed to thoroughly clean up the contamination and repair the damage? Should the entire building or a portion of the building be evacuated and, if so, for how long? Can semi porous materials be decontaminated, or should they be replaced? What are the consequences of using inadequate measures to remediate the damage? What are the indicators that help determine when the building is safe or not safe for occupancy? What methods should be used to test for these indicators? What is the effect of the sewage damage on other systems, especially the air changing system (ACS) and the heating, ventilating, and air conditioning (HVAC) systems in the built environment?

Health-Based Recommendations for Restoration

The following specific guidelines are presented with a goal of restoring the contaminated area such that the health of occupants is protected from any risk of pathogen-caused disease.

- Remediation should begin as soon as possible. The longer the contamination is allowed to persist, the greater the potential for microbial growth and resultant damage.
- Unprotected occupants and workers should be evacuated from the affected areas during the initial stages of decontamination, cleaning, and disinfection (e.g., until sewage has been removed and disinfectants applied).

Health-Based Recommendations for Restoration (Continued)

- Technicians in the vicinity of the sewage during the initial stages of decontamination, cleaning, and disinfection should be equipped with an organic vapor HEPA respirator, rubber gloves, splash goggles, and boots. In the case of overhead contamination, technicians should also be equipped with goggles, hard hats, and protective suits. Technicians should report any wounds that occur during restoration and take care to avoid "cross-contamination" from affected to unaffected areas by foot traffic or material handling.
- After water removal, all affected materials should be decontaminated by spraying with a disinfectant solution. It is not the intent of this pre-spray to effect full disinfection because the presence of organics precludes this. The objective is to initiate the reduction and containment of microorganisms as quickly as possible.
- All affected materials should be evaluated for porosity (permeance). From this inspection, materials should be rated as highly porous (saturated), semi porous, and nonporous. Some materials may exhibit varying degrees of porosity, depending on the exposed surfaces. For example, the surface of painted drywall has very low porosity, yet the base of the wall may be unpainted or have exposed gypsum paper that is highly porous.
- Highly porous (permeance factor >10) materials that have been exposed to sewage backflow and have a value that exceeds the cost of restoration such as high-value rugs and carpet, upholstery, and other textiles should be removed and restored off site. Highly porous materials with low cost or replacement value, such as carpet cushion, carpet, cardboard, tackles strip, wicker, and straw, should be removed and discarded as soon as possible. Other materials, such as saturated mattresses and cloth upholstery, regardless of value, cannot be restored and should be discarded. If disposal is necessary, these materials should be bagged in plastic for removal to a proper disposal site.
- Semi porous (permeance factor of >1 to 10) materials, including items such as linoleum, vinyl wall covering and upholstery, and hardboard furniture, along with construction materials such as wood, painted drywall, and plaster, should be cleaned, disinfected, or replaced as part of the initial restoration process. If these materials are not removed or properly disinfected, they can become reservoirs for growth of microorganisms.
- Nonporous materials (permeance factor ≤ 1) such as Formica[™], linoleum, vinyl, and tile finishing materials can be inspected for subsurface contamination with a nonpenetration moisture meter. Although these materials may be rated as nonporous, they must be evaluated carefully because contamination can migrate from the perimeter and become trapped below the surface. If migration of contamination below the surface has not occurred, these materials may be fully restored.

Health-Based Recommendations for Restoration (Continued)

- Heavy organic matter, especially raw sewage and silt must be physically removed by any safe means available. This may include the use of shovels, squeegees, septic pump trucks, wet vacuums, and moisture-extraction machines. Water must also be extracted from floorcovering fabrics such as carpets and rugs. All tools and machines, especially recovery tanks, wands, and hoses, must be cleaned and disinfected after use. • Residual organic matter in cracks and crevices can be removed by pressure washing with a disinfectant solution. The solution then must be recovered with an extraction unit, immediately after application, to prevent further migration or saturation of contaminants into other porous materials.
- After removing heavy organics, affected materials must be cleaned before a second application of disinfectant takes place. Use of many cleaning agents, such as soaps and detergents, will solubilize most organic matter.
- After thoroughly cleaning all contaminated materials, a second application of disinfectant may be applied.
- Chemicals classified as disinfectants are appropriate for use in areas exposed to sewage backflow. These chemicals are defined as being capable of inactivating potential pathogenic microorganisms on inert substrates.
- Fully evaluate all factors that affect the success of decontamination. These include the organic matter present, extent of prior cleaning, type and level of microbial contamination, concentration, and time of exposure to the disinfectant, and the nature of the material to be decontaminated. Procedures should be implemented to increase the rate of drying. Dampness and humidity must be reduced as much as possible by using the existing ACS or HVAC system, auxiliary fans, carpet dryers, and dehumidifiers. The indoor humidity in affected areas should be reduced to 40% RH as quickly as possible. Where flooding has been extensive, the drying process may require several days or longer to be effective. Adequate drying should be evaluated with a moisture meter. The humidity should be monitored with a hygrometer or a psychrometer.
- Because the use of disinfectants such as glutaraldehyde's, iodophors, and phenolics for disinfection produce irritating vapors, appropriate personal protective equipment to preclude chemical exposure is required. The type of safety equipment used will depend on the disinfectant used, the concentration, and the method of application. The material safety data sheet (MSDS) and label instructions on the chosen disinfectant will provide more detailed information and must be reviewed before use.

Health-Based Recommendations for Restoration (Continued)

- Environmental monitoring should consist of moisture measurements, rather than surface or air sampling for the presence of viable microorganisms. After the restoration process, surveillance of occupants for sickness, allergy, and sensitivity may also provide a measure of the adequacy of the clean-up operation.
- Area rugs and wall-to-wall carpet that have been extensively saturated with sewage backup are unlikely to be cost-effectively restored on site. Such rugs and carpet, along with the cushion, or underlayment, should be removed. Small rugs may be restored effectively through commercial laundering. If an effort is made to restore the carpet, extensive cleaning and saturation disinfection of the carpet should take place. All organic material must be removed, and the complex fibrous surfaces throughout the carpet must be disinfected. Following treatment, the carpet must be inspected thoroughly for cleanliness and dryness before being reinstalled in the restored environment. Carpet cushion must be removed, disposed of, and replaced with new material, without exception. Subflooring should be cleaned, disinfected, dried, and sealed, if necessary, before carpet and rugs are returned to the environment. Under no circumstances should efforts be made to restore carpet and rugs on site that have been extensively damaged by a Situation 3 sewage backup.
- In any case where it is deemed cost justifiable to restore carpet contaminated by sewage, an extraction cleaning method must be employed on all surfaces. Other carpet cleaning methods, such as absorbent compound, absorbent pad (bonnet), dry foam, or shampoo cleaning, are not adequate in that they may merely redistribute the contamination (10).

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HISTORIC PRESERVATION AND DISASTER MANAGEMENT

If you own or manage an historic property, it is important to know where to turn for preservation assistance and guidance immediately after a disaster affects your building. Unless assessment and remedial actions are taken in a timely manner, historic and cultural resources may be unnecessarily damaged or lost.

Following a disaster, local jurisdictions will assess area damage, identify hazardous buildings, and act accordingly to protect the public welfare. Proactive preservation response is crucial to prevent any damage or further loss of historic resources through well-meaning intentions or actions taken to lessen or eliminate the threat of damage to property or to lives, and the public health and safety.

It is imperative that historic preservation is given a strong and visible presence at the beginning of the response process. In the past, historic preservation has not been integrated into the field of disaster management, which is primarily concerned with protecting human life and restoring basic services that support life and settlement immediately after a disaster.

Recent disasters such as Hurricane Laura on the Gulf Coast in 2020, and 2021 Texas cold-weather catastrophe have left shattered lives and landscapes. Hydradry Inc. is an experienced disaster recovery corporation. During Hurricane Laura, Hydradry provided emergency recovery services to the City of Lake Charles, LA. One of the properties remediated was St. Michael and All Angels Episcopal Church, 123 W. Sale Rd, Lake Charles, LA 70605; St. Michael's church was tremendously affected by the Category 4 hurricane. St. Michael owned several historic pieces of art that are unique. Thanks to Hydradry's expertise handling and preserving historic items, Hydradry was able to rescue several articles for St. Michael's church.

Hydradry Inc. serves Florida statewide. One of our valuable customers is City of Orlando. Hydradry got the opportunity to remediate several historic properties owned by the City of Orlando, for example Walker Hendry House, Eola House and Harry P. Leu Gardens, and others. City of Orlando is a satisfied client/municipality with Hydradry's services (see sample pictures in the follow pages).

Hydradry Inc. will maintain paths of communication, documentation and abide by rules, laws, and regulations from federal agencies such as FEMA and the Advisory Council on Historic Preservation in disaster management. Hydradry Inc. will facilitate communication with directors, boards, departments, governmental officials, agencies, etc.



Post-Disaster Safety Evaluation (“tagging”):

A **color-tagged structure** is a structure in the United States which has been classified by a color to represent the severity of damage or the overall condition of the building. The exact definition for each color may be different at local levels.

A **"red-tagged"** structure has been severely damaged to the degree that the structure is too dangerous to inhabit. Similarly, a structure is **"yellow-tagged"** if it has been moderately damaged to the degree that its habitability is limited (only during the day, for example).

A **"green-tagged"** structure may mean the building is either undamaged or has suffered slight damage, although differences exist at local levels when to use a green tag.

Tagging is performed by government building officials, or, occasionally during disasters, by engineers deputized by the building official. Natural disasters such as earthquakes, floods and mudslides are among the most common causes of a building being red-, yellow- or green-tagged. Usually, after such incidents, the local government body responsible for enforcing the building safety code examines the affected structures and tags them as appropriate.

Hydradry will maintain your historic articles and manage your emergency disasters. We will inspect damage, evaluate conditions, and provide technical advice that is essential. Our professionals possess the skills, expertise, and resources needed for resolution/remediation.

Historic remediation companies, planners and preservationists must work together with city officials and the public to not only develop a rebuilding/remediation plan, but also to implement the rebuilding/remediation plan once it is finished.

Walker Hendry House, Winter Park, FL



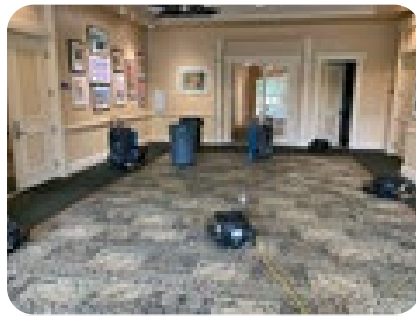
THE NEW SCIENCE OF RESTORATIVE DRYING
HYDRADRY[®]
CLEANING AND WATER DAMAGE SPECIALISTS

Eola House, Orlando, FL



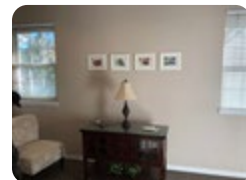
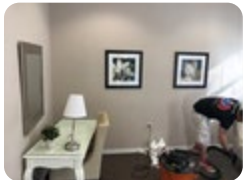
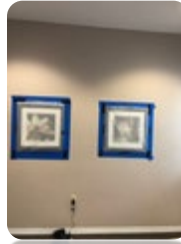
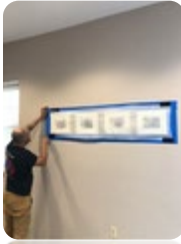
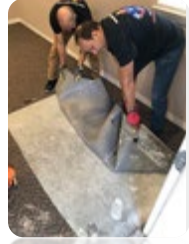
Harry P. Leu Gardens, Orlando, FL

Main Building (Water Leak in the ceiling at the Camellia and Orchid Room)



Harry P. Leu Gardens, Orlando, FL

Bride and Groom Rooms – Rebuild/Remediation



MICROBIAL CLEANING, AIR CLEANERS AND PURIFIERS

Microbial Cleaning

The restoration and remediation industries need to have a good understanding of the proper use of antimicrobial products and the limitations and benefits of each one. Antimicrobial Biocides are used to treat existing microbial growth whereas Antimicrobials are used to prevent microbial growth from occurring.

Antimicrobial Biocide Selection Depends on three (3) Main Factors:

- 1) Consider type and extent of the microbial contamination to ensure that the product being used is effective against that time of contamination. All products must be used consistent with the label directions. Using any product inconsistent with how it is labeled is breaking the federal FIFRA (Federal Insecticide, Fungicide, Rodenticide Act) law.
- 2) All products have limitations, and these must be considered. They are all designed to work at a specific concentration, temperature, and pH. If these are altered, the product will not be as effective as a disinfectant. The products must have full contact on the contamination for a certain period of time, known as the dwell time. Some products require as much as 15-30 minutes of dwell time for the product to be sporicidal.
- 3) The technician shall identify the hazards of using any product prior to applying it in an indoor space. This includes wearing the required personal protective equipment, physical and other safety concerns as well as the effect on the occupants and environment.

Air Scrubbers and HEPA Vacuum

Cleaning should take place throughout the remediation process. Before each workday begins, everything should be HEPA vacuumed, and damp wiped to remove spores that may have settled over night. A complete cleaning after the removal is critical to obtain acceptable verification samples and return the area back to condition one status. Using the following cleaning guidelines, will allow the technician to achieve verification.

- HEPA vacuum ALL surfaces
- Damp wipe ALL surfaces
- HEPA vacuum ALL surfaces
- “The HEPA sandwich”
- Damp wipe ALL surfaces
- Do a final HEPA vacuum of ALL surfaces
- “The Double HEPA sandwich”

The first step in the cleaning process is to HEPA vacuum EVERYTHING. Walls, ceilings, floors, cabinets (inside and out) and contents. Start from the clean area and work towards the dirty area, from the top towards the bottom and clean from the source of the make-up air to the AFD (air scrubber).



Air Scrubbing

After the cleaning is complete, stir up the air (via electric leaf blower) and place a NAM into the chamber and allow it to run for 24 hours before final testing is done. Be sure the NAM is capable of four air changes per hour of the contained space. If the spores and debris can be distributed into the air, there is a good chance it will be captured into the air scrubber. HEPA Air Scrubbers remove 99.97% of dry particulate at 0.3 microns. Most all mold spores are greater than 1.0 micron in size. That is what a good secondary filter should remove before reaching the HEPA filter.

Moisture Detectors and Thermal Imaging

Post Remediation Inspection and Sampling

The remediation technician will conduct a post remediation inspection prior to an evaluation of the IEP. This inspection should include ensuring the job site is clean and dust free, there is no visible contamination remaining on remediation surfaces, building materials have been returned to normal moisture content and the presence of odors are eliminated. Musty odors that remain following the remediation is an indicator that the remediation has not been completed and there may still be active microbial growth present. Post remediation sampling is important to assess the effectiveness of the remediation. It will provide a risk assessment for re-occupancy and address liability issues.

Sampling Techniques and Procedures for Microbial Contaminants

There are many reasons that microbiological sampling is completed on a project. It may be done when water related problems occur (sewage contamination), there is suspected microbial growth (musty odors or visible signs of mold growth), building related illness are diagnosed (asthma, chronic respiratory illness), documentation to support legal cases and justification of work and expense.

The final inspection for a mold project should be completed and evaluated by a qualified independent environmental consultant. Air Quality and Surface testing needs to be performed. Test should be evaluated by a licensed hygienist and an official report with the results needs to be provided to the client.

Moisture Detectors Thermal Imaging

Using a thermal imaging camera provides certain advantages in locating moisture problems. Thermal patterns created by latent moisture become readily apparent when viewed through an infrared camera, even when they are not visible to the naked eye. This is because the thermal imaging camera sees the apparent temperature difference between wet spots and building materials. Water intrusion and excessive moisture within walls, under floors, and above ceilings will show up in the thermal image.



CITY OF BUNNELL REMEDIATION TEAM – 24/7



Gregory Davideit
Director of
Operations



Matthew Maxson
Estimator



Traci McKinney
Claims Coordinator



Lauren Humphrey
Claims Coordinator



William Freeland
Lead Technician/
Project Manager



**Certified
Remediation
Technician Team**

Personnel profiled below have been selected by Hydradry's senior management. Based on the applicant's previous ability to complete projects of similar types and scale. Their resumes attest to their knowledge, experience, capabilities, and comprehensive services you deserve.

Gregory Davideit, your Director of Operations, has over 15 years of remediation experience. Greg is regarded as one of the most experienced professionals in the remediation field. Greg possesses in-depth knowledge and skills in commercial and residential remediation process and protocols. Greg will lead our team and will control the project efficiency and effectively.

Matthew Maxson will serve as your Estimator. Matthew has over 5 years of experience. Matt has technical and analytical skills and knowledge in the remediation field. Matt chose and made the better choices to complete our projects for the benefit of our customers. Matt also provides a large part of our internal training for our staff.

Traci McKinney, your claim coordinator, has over 5 years of experience. Traci is excellent handling customer service requests. Traci is highly organized and has good interpersonal skills.

Lauren Humphrey, your claim coordinator, has over 5 years of experience. Lauren is exceptionally talented, her effective communication skills and knowledge in the field make her unique.

William Freeland, the team's lead tech and project manager, has over 5 years as a remediator technician. William has a positive attitude and a team player. William is a solution focus individual and customer oriented.

Our remediation team has over 30 years of combined experience providing remediation services to Florida counties and municipalities, special districts, and authorities. As a result of this collective knowledge and experience, our team is uniquely suited to provide City of Bunnell with the highest quality remediation services.





Gregory Davideit

Director of Operations

Greg has over 15 years of experience in the remediation industry. He has managed a variety of different projects from municipal, residential, office, property developments, educational and industrial. He has vast knowledge on remediation and mitigation mean and method. Greg's knowledge includes various rehabilitation and remediation projects that required structural reinforcing of existing structures.

Responsible for managing all project operations. This includes coordination of all remediation and construction activities inclusive of communicating all project requirements and needs with the owners, users, design professionals, subcontractors, and building officials.

Additionally, he oversees supervising and management field operations. Coordination all work to be installed and leads company crews when self-performing work. Keeps open lines of communication with building occupants and ownership to ensure operations of building is not affected by construction/remediation work. Reviews all work in place for quality of workmanship and specification compliance.

EDUCATION

Ocoee H.S., Ocoee, FL

PROJECT EXPERIENCE WITH HYDRADRY INC.

CERTIFICATIONS

- Mold Remediator
- Moisture Mapping
- Xactimate Certificate
- Alacrity Certificate
- IICRC Certificate
- ESA CIAQT
- Bio-Aerosol Testing
- DASH
- MS Word & EXCEL
- Office Procedures
- Business Process / Workflow
- Schedule Management
- Customer Service

City of Sanford, FL

Remodeling & Remediation Station 38 Restroom and Hallway

Orange County Utilities-Continuing Contracts, Orlando, FL

Remodel/Rebuild after Water Mitigation/Mold Remediation

Residence at 241 Rock Springs Dr Kissimmee, FL 34759

Restoration/Rebuild after Water Mitigation

New Dimensions High School, Kissimmee, FL

Renovation/Rebuild after Water Mitigation/Mold Remediation

City of Orlando, Eola House, Orlando, FL

Renovation/Remodel house to its original condition

Beardall Senior Center, Orlando, FL

Rebuild after Water Mitigation

City of Orlando, City Hall, Orlando, FL

Restoration after Water Mitigation

Bay County Juvenile Court House, Panama City, FL

Mold Remediation/Restoration/Rebuild

Clermont Clubhouse, Kissimmee, FL

Remediation/Restoration/Rebuild

City of Orlando, Harry P. Leu Gardens, Orlando, FL

Mold Remediation/Restoration





Matthew Maxson

Estimator

Project Role: Matthew Maxson will serve as an Estimator and will work closely with the Director of Operations during the remediation process of the projects. Matthew will complete site visits, prepare estimates at the schematic, and will oversee prequalification of subcontractors and suppliers. Matthew will also work to develop value enhancement options for the client's consideration.

Matthew has 5 years of experience in the remediation industry serving Central Florida Market. Matthew will develop all estimates throughout design and construction utilizing our database, with the latest software, and subcontractor relationships to provide highly accurate estimates and cost studies.

EDUCATION

- Lean Six Sigma Green Belt Certificate 09/2013
- Intermediate Level Calibration of Physical/Dimensional Test and Measuring Certificate 04/2011
- General Purpose Electronic Test Equipment Calibration and Maintenance 03/2011
- Aviation Technician (Intermediate Level) 10/2010
- **Valencia College, Orlando FL** 12/2007
Associate of Arts in General Studies
- Apopka H.S., Apopka, FL 2005
- **United States Marine Corps**
 - General Purpose Electronic Test Equipment Calibration 2009-2015
 - Quality Assurance Representative/Collateral Duty Inspector 2012-2014

MILITARY EXPERIENCE

CERTIFICATIONS

- Mold Remediator
- Moisture Mapping
- Xactimate Certified
- Alacrity Certified
- IICRC Certifications:
 - Applied Structural Drying
 - Fire & Smoke Restoration
 - Odor Control
 - Water Damage Restoration
- ESA CIAQT
- Bio-Aerosol Testing
- DASH
- MICA
- MS Word & EXCEL
- Office Procedures
- Business Process / Workflow
- Schedule Management
- Customer Service

PROJECT EXPERIENCE WITH HYDRADRY INC.

City of Sanford, FL

Remodeling & Remediation Station 38 Restroom and Hallway

Orange County Utilities-Continuing Contracts, Orlando, FL

Remodel/Rebuild after Water Mitigation/Mold Remediation

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City of Orlando, Harry P. Leu Gardens, Orlando, FL

Mold Remediation/Restoration





Traci McKinney

Claims Coordinator

Traci has over five years of experience in the remediation industry. Expert in managing insurance claims process, maintaining records, and our liaison with insurance companies. Well versed in Xactimate, Alacrity and MICA.

Organized, considerate claims coordinator with a history of keeping cool under high-pressure situations where multiple priorities are being managed. Traci will be a good asset to City of Bunnell's remediation team.

EDUCATION

West Orange HS, Winter Garden, FL

KEY SKILLS AND CHARACTERISTICS

CERTIFICATIONS

- Xactimate Certificate
- Alacrity Certificate
- IICRC Certificate
- Housecall Pro
(Scheduling Software)
- DASH
- MS Word & EXCEL
- Office Procedures
- Business Process /
Workflow
- Schedule Management
- Customer Service

- Communication
- Analysis and Assessment
- Judgment
- Problem Solving
- Decision Making
- Planning and Organization
- Time Management
- Attention to Detail
- Interpersonal Skills
- Motivation
- Empathy





Lauren Humphrey

Claims Coordinator

To-notch claims coordinator with five years of experience managing claims and special remediation projects. Serve as primary point of contact for and liaison between management, sales team, clients, and vendors. Maintains excellent written and oral communication skills, problem resolution abilities, and a high level of confidentiality.

Lauren is a consummate professional dedicated to making the lives of busy managers and clients easier. Serves as an effective gatekeeper; prepared well-researched, and accurate documents; manage busy calendars; and efficiently handle daily office tasks. Having Lauren in the team makes a stark difference.

EDUCATION

St. Johns River State College, Orange Park, FL

Belton HS, Saint Joseph, MO

CERTIFICATIONS

- Cardiopulmonary Resuscitation (CPR) Certified
- First Aid Certified
- Xactimate Certificate
- Alacrity Certificate
- IICRC Certificate
- Housecall Pro (Scheduling Software)
- DASH
- MS Word & EXCEL
- Office Procedures
- Business Process / Workflow
- Schedule Management
- Customer Service
- State of Florida Notary
Commission #: GG365115

SKILLS AND PROFICIENCIES

- Reporting skills
- Professionalism
- Problem solving
- Inventory control
- Verbal communication
- Office administration procedures
- Attention to detail
- Accuracy
- Multitask
- Telephone skills
- Teamwork
- Discretion and judgment
- Patience
- Resourcefulness
- Anticipates needs
- Flexibility





William Freeland

Lead Technician / Project Manager

William will monitor projects from planning to completion, including tasks such as budgeting and scheduling. Will follow quality standards and ensure the safety and security of the project site. Will maintains good path of communication with partners and customers.

Key Skills and Characteristics

- Planning and Organization
- Problem Solving
- Decision Making
- Time Management
- Attention to Details
- Judgment
- Analysis and Assessment
- Motivation

EDUCATION

- Venture Technologies Orlando, Florida – Carpet Technician 2008
- Bitburg American High School, Bitburg, Germany 2001

MILITARY EXPERIENCE

- **United States Air Force, Ft. Eustis, Virginia**
 - Helicopter Mechanic (H-53) 2001-2003

CERTIFICATIONS

- Xactimate Certificate
- Alacrity Certificate
- Housecall Pro (Scheduling Software)
- IICRC Certificate
 - Water Restoration
 - Applied Structural Drying
 - Applied Microbial Remediation
- DASH
- MICA
- Successful Subrogation Level 1

PROJECT EXPERIENCE WITH HYDRADRY INC.

City of Sanford, FL

Remodeling & Remediation Station 38 Restroom and Hallway

Orange County Utilities-Continuing Contracts, Orlando, FL

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Clermont Clubhouse, Kissimmee, FL

Remediation/Restoration/Rebuild

City of Orlando, Harry P. Leu Gardens, Orlando, FL

Mold Remediation/Restoration



QUALIFICATIONS/CERTIFICATIONS

A. Safety and Protection

Safety is the cornerstone of Hydradry's operations. We place an emphasis on safety and training to deliver City of Bunnell the reliable, high-quality service that you expect. We develop training programs at the national and regional level and emphasize best practices and safety. For more detailed information, see the section titled "Staff Training Program" in this proposal. It is our responsibility to embrace the Safety culture and proactively prevent, detect, and correct any safety or risk concern that may arise. Our Safety procedures promote the idea that almost all workplace accidents are preventable – if you make focusing on safety an integral part of your day. At Hydradry, we are striving to create a world-class culture in all we do, and safety is a large part of that objective. At Hydradry, risk management consists of both Safety and Claims Management, working jointly with operations, to ensure the safety and well-being of our customers and our customers' clients.

It is Hydradry's policy to:

- Maintain a safe workplace for its employees
- Provide safety devices and mechanical safeguards
- Use methods and processes to protect the life, health, safety and welfare of its employees and the general public
- Establish a relationship of safety to our clients
- Maintain and enforce a program to fulfill this responsibility

To ensure common goals and objectives, both Safety and Claims Management report to the Assistant Vice President. We have a team of dedicated safety professionals that liaise with our Director of Operations to ensure the Hydradry Inc. safety culture is in the forefront of our employees' minds – every day.

B. Staff Training Program

OSHA Outreach Training:

- Personal Protective Equipment (PPE)
- Industrial Hygiene
- Ergonomics
- Electrical Safety
- Stairways and Ladders
- Fire Prevention
- Guardrail Safety
- Hand and Power Tool Safety
- Heat Exhaustion Prevention
- Signs, Signals and Barricades

IICRC Classes Provided via Interlink Supply:

- CCT (Carpet Cleaning Technician)
- WRT (Water Restoration Technician)
- ASD (Applied Structural Drying)
- AMRT (Applied Microbial Technician)
- FSRT (Fire & Smoke Restoration Technician)
- OCT (Odor Control Technician)



EXPERIENCE

Below is a listing of Florida local governmental entities remediated annually by Hydradry Inc., for the **past ten (10) years**.

Project Name & Location	Type of Service & Contract Value	Contact Information
Municipalities		
City of Sanford 300 N Park Ave, Sanford, FL 32771 RFP 19/20-72 1-Year Contract	Remodeling Station 38 Restrooms & Hallway Remediation Services	Marisol Ordoñez (407) 688-5028 Marisol.Ordonez@sanfordfl.gov Purchasing@sanfordfl.gov
City of Punta Gorda- 326 W Marion Ave, Punta Gorda, FL F2019109A1E1 FEMA Compliant Contract State of Emergency Contract	Sanitation & Disinfection Services to remove Pathogenic Bacteria, COVID-19 Per Project Value	Anne Heinen (941) 575-3368 Aheinen@pgorda.us
Counties		
Flagler County 1769 E Moody Blvd, Bunnell, FL RFP20-051 FEMA Compliant Contract 5-Years Contract	Remediation Services- Cooperative Procurement Per Project Value	Holly Scott (386) 313-4008 hduurance@flaglercounty.org
Manatee County 1112 Manatee Ave W, Bradenton, FL ITQ 20-R074220GE 5-Years Contract	Mold and Water Damage Remediation Services Per Project Value	George Earnest (941) 749-3044 George.Earnest@mymanatee.org
Brevard County 2725 Judge Fran Jamieson Way, Viera, FL B-7-21-25 FEMA Compliant Contract 4-Years Contract	Floor Cleaning-Countywide Per Project Value	Stephanie Reynolds (321) 617-7390 Ext. 59336 Stephanie.Reynolds@brevardfl.gov
Brevard County Q-4-21-15 FEMA Compliant Contract 5-Years Contract	Trauma Scene Clean up- Countywide	Isidro Rivera Alicea (321) 617-7390 Ext. 5-56049 Isidro.Rivera-Alicea@brevardfl.gov
Pasco County-IFB-CA-19-124 7536 State St, New Port Richey, FL 5-Years Contract	As-needed Water Intrusion and Fire Restoration Services \$100,000+	Christopher Arnone (727) 847-8194 Carnone@pascocountyfl.net
Osceola County- 1 Courthouse Square, Kissimmee, FL RFP19-10971-VJ & 5-Years Contract AR-19-11116-HL 5-Years Contract	Indoor Air Quality Remediation Services on a Task Authorization & Countywide Carpet Cleaning Per Project Value	Valentina Johnson (407) 742-0900 Valentina.Johnson@osceola.org Heidi Lockwood (407) 742-0927 Heidi.Lockwood@osceola.org
Levy County 310 School St., Bronson, FL 32621 RFP 2021-002 6 Years Contract	Remediation Services Per Project Value	Alicia Tretheway (352) 486-5218 Ext. 2 Tretheway-ali@levycounty.org



EXPERIENCE (Continued)

School Districts		
Seminole County School Board- 400 E Lake Mary Blvd, Sanford, FL 19200030B-CB FEMA Compliant Contract 5-Years Contract	Fire, Flood and Bio-Hazard Remediation Per Project Value	Chris Breese (407) 320-0237 breesecz@scps.k12.fl.us
Bay District Schools-RFP20-04 1150 W. 17 th St, Panama City, FL FEMA Compliant Contract 3-Years Contract	Disaster Mitigation Remediation Services Per Project Value	Dan Fuller (850) 767-4100 Fulled@bay.k12.fl.us
Orange County Public Schools 445 W Amelia St, Orlando, FL ITB1505102 -FEMA Compliant Contract State of Emergency Contract	Emergency Response Clean Up Services (Remediation Services)	Cassandra Palm (407) 317-3200, Ext. 200-2446 Cassandra.Palm@ocps.net
Citrus County School Board CCSB ITB-2020-64	Incidental Carpet & Floor Cleaning	Shawn Marie Comiskey (352) 726-1937, Ext. 2418 comiskeys@citrusschools.org
Private Sector and Authorities		
OUC RFP 21-4846 OQ 5 Years Contract	General Contractor Services	Cindy Luttfiring (407) 434-2954, Ext. 42954 Cluttfiring@ouc.com
Mount Sinai 4300 Alton Road, Miami Beach, FL 33140 5 Years Contract	Emergency Response Maintenance & Repairs	Samantha Nagy (305) 674-2178 Samantha.Nagy@MSMC.Com
Seminole State College 100 Weldon Boulevard, Sanford, FL 32773 Ref.# 0000250216	Prequalified Construction Contractor	Greg Long (407) 708-2174 longg@seminolestate.edu
Gainesville Housing Authority 1900 SE 4 th Street, Gainesville, FL 32641	Mold Remediation Services for Several Properties	Vince Marino (352) 317-7060-cell (352) 872-5500-office VinceM@gnvha.org
City of Seabrook, Texas		
City of Seabrook 1700 First St., Seabrook, TX 77586 RFP 2021-09 FEMA Compliant Contract 5 Years Contract	Disaster Restoration & Recovery Services	Brad Goudie (281) 291-5699 bgoudie@seabrooktx.gov



SIMILAR PROJECTS (ADDITIONAL INFORMATION)

Pictures of Past Projects/Related Experience:

- 4) St. Michael and All Angels Episcopal Church, 123 W. Sale Road, Lake Charles, LA 70605
Contact Information: CPG Insurance Adjuster, Kevin Smith (212) 592-6275, ksmith@cpg.org

Additional Information/Summary of Services Performed at Lake Charles, LA 70605

Type of Service: Water Damage Remediation Services after Hurricane Laura, Lake Charles, LA

Comments/Summary:

Hydradry Inc. arrived at the Church after Hurricane Laura on August 29, 2020. Upon arriving onsite, the church's roof was torn off during the storm causing severe water damage throughout the entire church. Through our inspection process of the church, there were multiple areas that were still flooded. Walls were saturated and bubbling from the amount of water that accumulated. Ceilings were collapsing from the weight of the water. The tile and vinyl flooring were starting to warp, pop up, buckle, and bubble from being flooded. When you opened cabinets, water would pour out of them. There was also a tremendous amount of debris everywhere from the roof being torn off the building. Thermal imaging showed that almost every room was affected by Hurricane Laura. After doing the initial inspection and documenting everything with photographs, Hydradry put together a plan on how to remediate the church in the fastest, but safest feasible way. Two 30 yards dumpsters were ordered for the affected building materials that would be removed throughout the duration of the project. Hydradry's team went through room by room and meticulously removed all damaged, saturated, compromised building materials while sorting through what could be salvaged for the church and properly cleaning the items and moving them into an unaffected area for safety. Two 20kW generators were brought into power Air Filtration Devices and power tools to assist on the remediation. A portable 40 tons air conditioner unit and 100kW generator were delivered and set up properly for the unaffected areas. This was done because during the Hurricane, the air conditioner units on the roof were damaged and would not be functional. The portable air conditioner unit helped controlled the temperature and humidity levels in the unaffected areas. This was necessary due to the number of delicate items that were fragile, the amount of wood in the areas, and the age of some of the items in the area. It was Hydradry's goal to preserve what we could for the church. A temporary roof was needed on the Church to help protect the work we were doing to the church from the natural elements. After removing all the affected, damaged, and compromised building materials from the church, the Hydradry's team started the proper cleaning by doing a HEPA sandwich. A HEPA sandwich is the most effective way to remove any contaminants. It consists of using a HEPA vacuum to clean the semi-porous and non-porous items, followed by a wet, heavy cleaning using an anti-microbial wash, and then implementing another round of HEPA vacuuming. Once the church was properly cleaned, Hydradry placed a 900kBtu drying furnace to dry the structure of the building to ensure the church would be ready to be rebuilt properly.

The Hydradry team of technicians led by their supervisor was able to accomplish the goal of remediating the Church in under 30 days. They did this while following the IICRC S500 and S520 and OSHA safety regulations to properly remediate the church and have it ready for rebuild in a timely manner. Proper communication was key during this project, as it take many hands to get approvals or the necessary equipment in place to accomplish the goal.

See pictures of the Church in the following page.





Note: Hydradry was able to rescue several historical articles from the Church.

I. RECOMMENDATION LETTERS



Professional References

REFERENCE FORM

	Hydrady Inc. 3615 N. Apopka Vineland Rd Orlando, FL 32818 (407) 290-0567
The Next Line To Be Completed by the Firm Being Referenced:	
Firm: <u>Levy County, Attn: Alicia Tretheway</u>	

Please provide your response below. If additional information provided, please add it on a separate sheet.


This Section To Be Completed by the Reference Provider:	
What specific services did this firm provide? <u>Remediation / Water Extraction</u>	
Was the firm responsive to your needs and requests?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was there good communication between the client and the firm?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was the firm proactive in resolving problems and disputes?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was the staff professional and knowledgeable?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Were the services completed on time and within budget?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Has this firm ever been awarded a repeat contract by your Organization for similar services?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Would you award a contract to this firm again for similar services?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
How would you rate the overall performance of the firm?	
<input checked="" type="checkbox"/> Excellent <input type="checkbox"/> Very Good <input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory	
Comments: <u>Immediate response to EISA Water Damage in Several Bldgs. Very responsive came out to our location within 2 hours</u>	
Name of Person Providing Information:	
<u>Alicia Tretheway</u> Printed name	<u>Alicia Tretheway</u> Signature
Title: <u>Procurement Coord.</u>	Phone: <u>352-426-5218 ext. 2</u>
Company/Agency: <u>Levy County BOCC</u>	Date: <u>3/28/2022</u>

Professional References

REFERENCE FORM

	Hydradry Inc. 3615 N. Apopka Vineland Rd Orlando, FL 32818 (407) 290-0567
The Next Line To Be Completed by the Firm Being Referenced:	
Firm: Mount Sinai Medical Center, Attn: Samantha Nagy	

Please provide your response below. If additional information provided, please add it on a separate sheet.

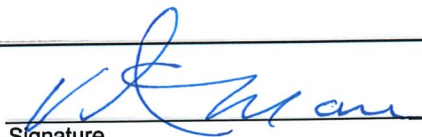
This Section To Be Completed by the Reference Provider:	
What specific services did this firm provide? <u>Water remediation</u>	
Was the firm responsive to your needs and requests?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was there good communication between the client and the firm?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was the firm proactive in resolving problems and disputes?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was the staff professional and knowledgeable?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Were the services completed on time and within budget?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Has this firm ever been awarded a repeat contract by your Organization for similar services?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Would you award a contract to this firm again for similar services?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
How would you rate the overall performance of the firm?	
<input checked="" type="checkbox"/> Excellent <input type="checkbox"/> Very Good <input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory	
Comments: <u>Hydradry is very responsive and has risen to the level of urgency needed for each issue they have been called in to address. Their communication is during and after service is exceptional. Following the completion of a project the reports they provide are highly detailed and comprehensive. I would highly recommend them.</u>	
Name of Person Providing Information:	
Samantha Nagy	
Printed name	Signature
Title: Associate VP of Facilities & Government Relations	Phone: 305-674-2178
Company/Agency: Mount Sinai Medical Center	Date: 03/29/2022

Professional References

REFERENCE FORM

	Hydradry Inc. 3615 N. Apopka Vineland Rd Orlando, FL 32818 (407) 290-0567
The Next Line To Be Completed by the Firm Being Referenced:	
Firm: Gainesville Housing Authority-Vince Marino	

Please provide your response below. If additional information provided, please add it on a separate sheet.


This Section To Be Completed by the Reference Provider:			
What specific services did this firm provide? <u>Mold remediation services for numerous projects</u>			
Was the firm responsive to your needs and requests?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Was there good communication between the client and the firm?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Was the firm proactive in resolving problems and disputes?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Was the staff professional and knowledgeable?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Were the services completed on time and within budget?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Has this firm ever been awarded a repeat contract by your Organization for similar services?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Would you award a contract to this firm again for similar services?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
How would you rate the overall performance of the firm?			
<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Very Good	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Unsatisfactory
Comments: _____ _____			
Name of Person Providing Information:			
Vince Marino			
Printed name		Signature	
Title: <u>Building officer</u>	Phone: <u>352-317-7060 cell 352-872-5500 office</u>		
Company/Agency: <u>Gainesville Housing Authority</u>			Date: <u>29 March 2022</u>

Professional References

REFERENCE FORM

	Hydradry Inc. 3615 N. Apopka Vineland Rd Orlando, FL 32818 (407) 290-0567
The Next Line To Be Completed by the Firm Being Referenced:	
Firm: City of Orlando, Attn: Jim Peters	

Please provide your response below. If additional information provided, please add it on a separate sheet.

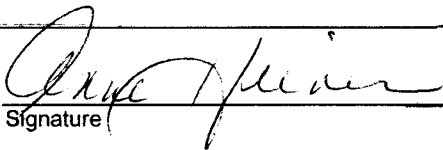
This Section To Be Completed by the Reference Provider:	
What specific services did this firm provide?	<u>Remediation</u>
Was the firm responsive to your needs and requests?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was there good communication between the client and the firm?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was the firm proactive in resolving problems and disputes?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was the staff professional and knowledgeable?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Were the services completed on time and within budget?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Has this firm ever been awarded a repeat contract by your Organization for similar services?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Would you award a contract to this firm again for similar services?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
How would you rate the overall performance of the firm?	
<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Very Good
<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Unsatisfactory
Comments: _____	
Name of Person Providing Information:	
<u>Bryan R. Haines</u>	
Printed name	Signature
Title: <u>Facilities Project Coordinator</u>	Phone: <u>321-231-2089</u>
Company/Agency: _____	Date: _____

Professional References

REFERENCE FORM

	Hydradry Inc. 3615 N. Apopka Vineland Rd Orlando, FL 32818 (407) 290-0567
The Next Line To Be Completed by the Firm Being Referenced:	
Firm: <u>City of Punta Gorda-Anne Heinen</u>	

Please provide your response below. If additional information provided, please add it on a separate sheet.

This Section To Be Completed by the Reference Provider:	
What specific services did this firm provide?	Covid 19 - Fogging and cleanup
Was the firm responsive to your needs and requests?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was there good communication between the client and the firm?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was the firm proactive in resolving problems and disputes?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was the staff professional and knowledgeable?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Were the services completed on time and within budget?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Has this firm ever been awarded a repeat contract by your Organization for similar services? <i>First time service</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Would you award a contract to this firm again for similar services?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
How would you rate the overall performance of the firm?	
<input checked="" type="checkbox"/> Excellent <input type="checkbox"/> Very Good <input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory	
Comments: <u>Very responsive, knowledgeable and great to work with.</u>	
Name of Person Providing Information:	
<u>Anne Heinen</u> Printed name	 Signature
Title: <u>Procurement Manager</u>	Phone: <u>941-575-3368</u>
Company/Agency: <u>City of Punta Gorda</u>	Date: <u>4/1/2022</u>

J. Remediation Process by Hydradry Inc.

(Power Point Presentation)



Serving Florida Statewide



Exclusive Presentation For Remediation Services

CALL 24/7 – (877) 379-3696
3615 N. Apopka Vineland Road
Orlando, FL 32818
WWW.HYDRADRY.COM

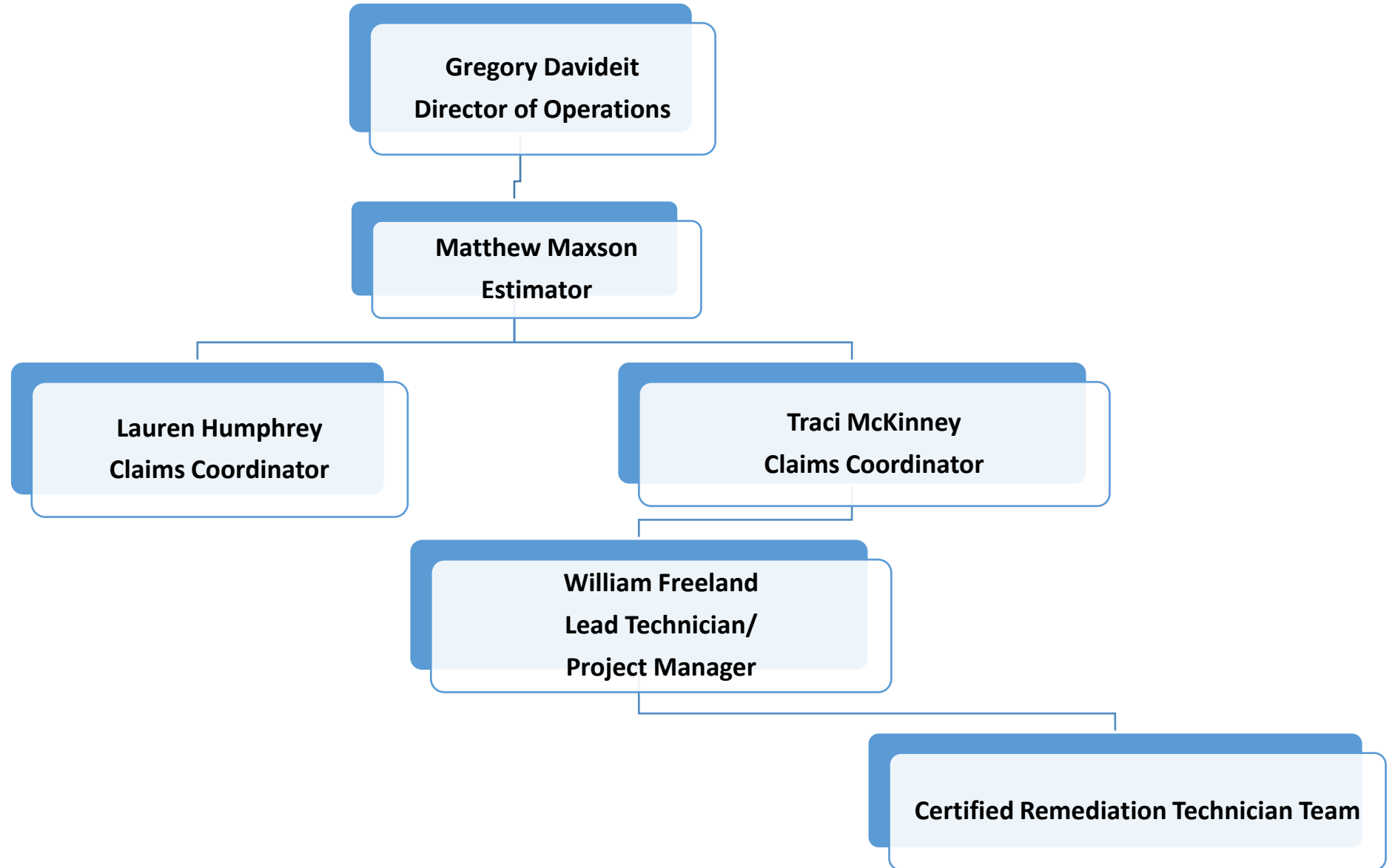


Overview

- **Hydradry Inc.'s Team**
- **Description of Services**
- **Why Hydradry Inc.?**
- **Goals**



Hydradry Inc.'s Team – 24/7



Description of Services

- Mold & Water Remediation
- Sewage Remediation
- Fire & Smoke Remediation
- Wind Damage
- COVID-19 Disinfecting & Decontamination
- Contents Packout
- Biohazard & Biomedical Generator & Transporter
- General Contractor (License No. CGC1525607)
- And More...



HYDRA DRY

Mold & Water Remediation Facts:

5



- It only takes up to 48 hours for mold to grow and multiply.
- Floods, leaking plumbing and a leaking roof can cause mold, discoloration, odors and more.
- Every mold damage scenario is different and requires a unique solution.
- Mold remediation is essential before more issues occur.
- Exposure to mold can cause several health issues such as; throat irritation, nasal stuffiness, eye irritation, cough, and wheezing, as well as skin irritation in some cases. Exposure to mold may also cause heightened sensitivity depending on the time and nature of exposure.
- Deodorization products control odors meaning from microorganisms which flourish in excessive moisture. Germicides & Anti-Microbial disinfection products arrest the growth of bacteria, fungi, mildew, and other harmful microorganisms.
- Air Quality and Surface testing needs to be performed. Test should be evaluated by a licensed hygienist and an official report with the results needs to be provided to clients.

Dehumidification:

“The New Science of Restorative Drying “

- **HYDRADRY**® dehumidifiers like our **MD-30** Hydronic trailer mounted dehumidifier have the ability to remove water and moisture from drywall, plaster, interior paint, cement floors, carpets, insulation, and basements.
- Dehumidifiers selected by **HYDRADRY**® are capable of **reducing** high humidity and moisture levels to normal levels quickly.
- Water content and moisture that is not removed through extraction must be removed by dehumidification to prevent further permanent damage.
- The dehumidifier condenses the collected water vapor back into water, pumps it out, and continues to circulate dry air within the building.



Inspection Tools: Water, Fire, Mold, Leak Detection & Air Quality Testing



We Rescue You From

WATER • FIRE • MOLD

Sewage Remediation



HEALTH HAZARD



PROPERTY
DAMAGE

- Estimates of survival time for harmful bacteria:

Organism	Substrate	Survival Time
<i>E. coli</i>	Water	> 100 days
<i>Enterococcus</i>	Dry Surfaces	> 24 hours
<i>Staphylococcus aureus</i>	Hospital dry surface	> 9-11 days
<i>E. coli</i>	Lettuce	> 25 days
<i>E. coli</i>	Soil	> 60 days
<i>E. coli</i> H37	Soil	> 15 weeks

Fire & Smoke Remediation

- ❖ Fires can quickly create dangerous conditions and destroy property. Smoke and soot damage, both of which lead to discoloration, harmful odors, and contamination in the home.
- ❖ The Full Extent of the Damage. How many materials are affected by smoke or fire? What is the proper method for cleaning? Will your personal belongings need to be relocated while your house is restored?



Wind Damage

➤ **Wind** disasters contribute to tremendous physical **destruction**, injury, loss of life, and economic **damage**. The **effects** of Wind Disasters may not be limited to **wind damage**, as concurrent heavy rains and flooding often wreak additional havoc.

➤ Types of Storm Damage:

- Hail
- Wind
- Impact Damage
- Water Damage



COVID-19 Disinfecting & Decontamination Services

- **Cleaning** removes dirt and most germs and is usually done with soap and water.
- **Disinfecting** kills most germs, depending on the type of chemical, and only when the chemical product is used as directed on the label.
- **Decontamination** reduces the microbial contamination of materials or surfaces and is accomplished through the use of a chemical disinfectant.
- **Disinfection** refers to the elimination of virtually all pathogenic organisms on inanimate objects and surfaces thereby reducing the level of microbial contamination to an acceptably safe level. Disinfection is accomplished through the use of chemical disinfectants.



Construction Clean up

- ❑ Cleaning up a commercial construction site is no small task—with projects spanning thousands of square feet and requiring an immense amount of materials, getting the area clean and ready for use once everything is said and done can take ages. However, when you leave it to the experienced Restoration and Cleanup professionals from Hydradry, you can trust that we will get the job done quickly and thoroughly.
- ❑ **We can help you with cleanup after each of the following:**
 - Superstore buildouts
 - Shopping center construction
 - Re-builds
 - Hospital construction
 - Veterinary office construction
 - Industrial space build-outs
 - Large building construction



Additional Services Offered

- **Contents Packout-Xactware** software **ContentsTrack** to pack out and pack back client's inventory.
- **Biohazard & Biomedical Generator and Transporter-Hazardous waste** not only poses risks to the surrounding air, water, and soil, but also do harm to the ecological environment and human health. The **management of hazardous wastes** is of great **importance** due to **environmental** health, social, and economic impacts.
- **Licensed General Contractor Services**-Having a **license** is critical because it protects both parties from anything that might go wrong during the process. (Demolition and Rebuild)
- **And More...**

Why Hydradry Inc.?

- **We work with you.** Hydradry will work with you on your project, large or small.
- **Our People** (Hydradry's Core Values: Respect, Integrity, Collaboration, Innovation & Excellence)
- **Staff Training** (Emphasis on Safety & Training)
- **Communication & Information Technology** (24/7, Virtual Assistance using the platform Microsoft Office Team (video conference))
- **Documentation** (House Call Pro (Scheduling Software), Mica & Contents Track (Xactware))
- **Energy & Utilities** (Generators)
- **Transportation** (22 vehicles-Trucks, Vans equipped with truck mounts, dump trailers, storm trailers, mobile office sites, etc.)
- **Resources** (Climate-Controlled storage facilities, and Locations: Orlando, Tampa & Dallas, TX)
- **Uniforms & Identification** (Professional Image)
- **We've got an excellent reputation.** We are well known in the industry for providing quality services for our clients. They keep coming back to utilize our expertise every time, translating to a high rate of repeat customers.

A central graphic for Hydradry Inc. on a dark blue background. The company name "HYDRADRY INC." is prominently displayed in white. Surrounding the name are various service areas and values: "REMEDIATION" (vertical, white), "Leak Detection" (vertical, white), "Experience" (vertical, white), "Resources" (vertical, purple), "Mitigation" (blue), "Communication" (purple), "Quality" (yellow), "Mold" (green), "Water" (blue), "Fire" (red), "Time" (yellow), "Professional" (blue), "24/7" (red), "Disaster Recovery Services" (red), "Hurricane" (yellow), "General Contractor" (orange), "Construction Cleaning" (blue), "Thermal Inspection" (yellow), and "Since 1974" (white).



Goals



Hydradry will maintain good communication paths.



Hydradry will follow all rules and regulations regarding Safety Management.



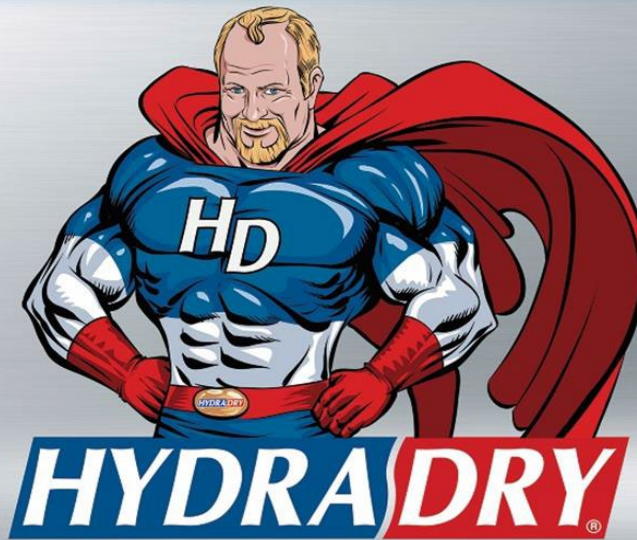
Hydradry will maintain performance standards that are clear, concise and measurable.



Hydradry will be time flexible with your busy schedule and emergency situations.



Hydradry's Service is available 24/7 with a live representative.



Orlando, FL Corporate Office

3615 N Apopka Vineland Rd.
Orlando, FL 32818

Tampa, FL Office

4813 N. Hale Ave
Tampa, FL 33614

North Richland Hills, TX Office

8200 Northeast Parkway
North Richland Hills, TX 76182

CALL 24/7 – (877) DRY DOWN/

(877) 379-3696

www.Hydradry.com



CITY OF BUNNELL
RFP 2022-01 Remediation Services for Coquina City Hall
BID OPENING MINUTES
April 07, 2022

COB Staff Present: Kristen Bates, City Clerk; Bridgette Gunnells, Deputy City Clerk (minutes); Rob Myjak, Parks and Recreation Crew Leader; Lakesha Byrd, Financial Services Coordinator

Bidders Present: None; sign in sheet attached

Bid Opening: began at 10:33 AM due to a weather delay of active tornado warning and shelter in place order issued by Flagler County which started at 9:45 AM

Bids were opened from:

Bidder/Vendor	Bid Amount
Hydradry Inc	\$63,826.13

This was the only bid received by the deadline.

Next Meeting: The Selection Committee will meet Wednesday, April 13, at 8:00 AM at the Clerk's Office 604 #4 East Moody Blvd., Bunnell.

Meeting Adjourned: 10:41 AM

SIGN IN SHEET



CITY OF BUNNELL
 RFP 2022-01
 Remediation Services Coquina Hall
 April 7, 2022

PRINT NAME	COMPANY	EMAIL	PHONE #
1 Kristen Bates	Bunnell	kbates@bunnellcity.us	386-437-7500
2 Lakesha Byrd	Bunnell	LByrd@bunnellcity.us	386-437-7500
3 Rob Myjak	Bunnell	rmyjak@bunnellcity.us	386-986-0188
4 Bridgitte Gunnells	Bunnell	bgunnells@bunnellcity.us	386-263-8981
5			
6			
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8			
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15			



CITY OF BUNNELL
RFP 2022-01 Remediation Services for Coquina City Hall
Selection Committee Meeting Minutes
April 13, 2022

COB Staff Present: Kristen Bates, City Clerk; Rob Myjak, Parks and Recreation Crew Leader; Lakesha Byrd, Financial Services Coordinator

Bidders Present: None

Meeting Commenced at: 8:00 AM

This meeting was held to review the bids opened on April 7, 2022 for remediation services for the Coquina City Hall.

There was one (1) bid received. Information on the vendor and bid are listed below:

Bidder/Vendor	Bid Amount
Hydradry Inc	\$63,826.13

There was round table discussion by the committee about the experience of the bidder and their submittal. There were no apparent reasons not to recommend award of this bid to the bidder: Hydradry Inc.

Committee Meeting Adjourned at: 8:07 AM



City of Bunnell, Florida

Agenda Item No. H.3.

Document Date: 4/26/2022 Amount:
Department: Attorney Account #:
Subject: 2022 Legislative Update
Agenda Section: New Business:

ATTACHMENTS:

Description	Type
Legislative Report	Exhibit

Summary/Highlights:

This is an update on what occurred in the 2022 Legislative Session.

Background:

Staff Recommendation:

City Attorney Review:

Discussion only.

Finance Department Review/Recommendation:

City Manager Review/Recommendation:

Approved.



FLORIDA LEAGUE OF CITIES

100TH ANNIVERSARY

2022 LEGISLATIVE SESSION

FINAL REPORT

DEAR CITY OFFICIAL:

We are pleased to provide you with the Florida League of Cities' *2022 Legislative Session Final Report*. This document summarizes key legislation the League tracked this session.

It is important to note that the Final Report is only a partial list of the 3,685 bills filed during the 2022 Legislative Session. Of these, only 285 bills passed both chambers and were presented to the Governor.

Many of the issues that did not pass this year will likely be debated during next year's session. Therefore, it is important that you continue to stay engaged in legislative advocacy year-round with your local delegation. This continual communication is an essential part of the League's overall lobbying efforts. It is key to building the framework for our success as we prepare for the 2023 Legislative Session.

Please feel free to contact the League's Legislative Affairs team at 850.222.9684 if you have questions or need further information on these or any other bills.

Thank you for your continued support of the Florida League of Cities.

Respectfully,



Phillip E. Walker
President
Commissioner
City of Lakeland



Jeannie Garner
Executive Director/CEO



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FCCMA

Micah Maxwell, Assistant City Manager, Clearwater

Jeannie Garner, Executive Director/CEO
Kraig Conn, General Counsel

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2022 FLORIDA LEAGUE OF CITIES LEGISLATIVE ACTION AGENDA

SHORT-TERM RENTALS

The Florida League of Cities SUPPORTS legislation that restores authority to local governments for the regulation of short-term rental properties as necessary for quality of life, public safety and a fair lodging market-place. The Florida League of Cities SUPPORTS legislation clarifying that existing, grandfathered municipal short-term rental ordinances can be amended without penalty. The Florida League of Cities OPPOSES legislation that preempts municipal authority as it relates to the regulation of short-term rental properties.

COMMUNICATIONS SERVICES TAX REFORM

The Florida League of Cities SUPPORTS reforming the Communications Services Tax in a manner that is revenue neutral; provides for a broad and equitable tax base; provides for enhanced stability and reliability of an important revenue source for municipalities; and provides for a uniform taxing method. Reform should promote a competitively neutral tax policy that will free consumers to choose a provider based on tax-neutral considerations.

TREE PROTECTION

The Florida League of Cities SUPPORTS legislation to close loopholes and create standards in current law exemptions from municipal tree ordinances that have caused litigation and abuses, including the clear-cutting of land pre-development and the removal of healthy trees that present little, if any, risk to persons or structures. Current law should be amended to apply only to developed single-family residential property, identify industry-appropriate standards for assessing tree risk and identify necessary documentation.

TRANSPORTATION FUNDING

The Florida League of Cities SUPPORTS legislation:

- ▶ Directing the Florida Department of Transportation to establish a grant program to provide financial assistance for the installation of publicly available electric vehicle charging infrastructure on public or private property
- ▶ Providing technical assistance for the development and adoption of local or regional plans for charging infrastructure and associated equipment
- ▶ Identifying additional transportation revenue to support innovative infrastructure and transit

projects to meet the surging transportation demands driven by dramatic growth throughout Florida.

ECONOMIC DEVELOPMENT INCENTIVES

The Florida League of Cities SUPPORTS legislation and policies that encourage coordination among Enterprise Florida, the Department of Economic Opportunity, other state agencies and cities to promote local economic development by providing increased funding, technical assistance and increased collaboration between the state and cities on offering incentives that maximize economic development opportunities for retention, expansion and attraction, and building sustainable economic resiliency.

OTHER ISSUES OF IMPORTANCE

LOCAL BUSINESS TAX PRESERVATION

The Florida League of Cities SUPPORTS legislation that preserves general revenues collected from the local business tax. These revenues are used to fund essential municipal services such as public safety, and constructing and maintaining roads and bridges, public parks and open spaces. Maintaining a diversified revenue base also strengthens the fiscal stability of municipalities and improves their respective ability to serve citizens and businesses.

ANNEXATION

The Florida League of Cities SUPPORTS legislation that facilitates the municipal annexation of unincorporated areas while protecting private property rights and respecting municipal boundaries.

CYBERSECURITY

The Florida League of Cities SUPPORTS legislation dedicating state resources for the development and enhancement of municipal cybersecurity by providing funding for technical assistance, threat assessments, employee training, infrastructure improvements and data protection, including the protection of exempt and confidential information such as law enforcement personnel information and security plans for government buildings and other key critical infrastructure.

LEGISLATIVE ACTION AGENDA CONTINUED

AFFORDABLE HOUSING

The Florida League of Cities SUPPORTS legislation that requires all money from the Sadowski State and Local Housing Trust Fund be used only for Florida's affordable housing programs targeted to meet the needs of workforce housing, including low income, very low income and disabled persons, for both home ownership and rental unit availability.

PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)

The Florida League of Cities SUPPORTS legislative action to address growing concerns about PFAS in soil and water, including coordinating with the Environmental Protection Agency to establish science-based cleanup target levels, providing resources for testing and research, public education and risk assessment guidelines, establishing liability protection for entities that have legally used PFAS for fire suppression or have passively received PFAS, and developing cost-effective and risk-based corrective strategies for PFAS.

BILLS THAT PASSED

in alphabetical order by subject area

BUILDING CODES/CONSTRUCTION

Building Regulations (Neutral)

CS/CS/HB 423 (LaMarca) The bill:

- ▶ Increases the minimum hours of training required in multifamily training programs for a fire safety inspector to qualify to take the building inspector or plans examiner certification exam
- ▶ Allows those who have completed a four-year internship certification program with a private provider (instead of with a local government) to qualify to take the building inspector or plans examiner certification exam
- ▶ Prohibits the Florida Building Code Administrators and Inspectors Board from requiring employment with a local government as a condition for the issuance of a provisional certificate
- ▶ Clarifies that applicants who use private providers can only be charged permit fees based on the costs actually incurred by the local government to process the permit
- ▶ Requires that local governments give private providers equal access to permitting and inspection documents
- ▶ Requires building officials to issue occupancy or completion certificates within 10 days of a "deemed granted" certificate
- ▶ Allows an owner, builder or an association of owners located in Florida that has a valid building permit issued by a local government for a fee, to bring a civil action under certain circumstances

- ▶ Provides that a local government may not prohibit or restrict a property owner from obtaining a building permit to demolish any single-family residential structure located in certain flood hazard areas provided that the permit otherwise complies with applicable building code requirements. Effective July 1, 2022. (Branch)

Charter School Zoning (Neutral)

CS/CS/SB 758 (Diaz) creates the Charter School Review Commission within the Florida Department of Education. Of interest to cities, the bill amends local government regulations dealing with zoning of charter schools. The bill:

- ▶ Prohibits a charter school from being subject to any land regulation that would not be required for a public school in the same location
- ▶ Expands the list of properties or facilities that may provide space to charter schools within their facilities under their preexisting zoning without needing to obtain a special exception. Effective July 1, 2022. (Branch)

CYBERSECURITY

Cybersecurity (Supported)

CS/HB 7055 (State Administration and Technology Appropriations Subcommittee, Giallombardo) creates the Local Government Cybersecurity Act. The bill requires all local government employees with access to the government's network to complete

a basic cybersecurity training within 30 days of beginning employment and annually thereafter. All local government technology employees and employees with access to highly sensitive information will be required to complete more advanced cybersecurity training. The Florida Digital Service will develop and provide these trainings. The bill also requires local governments to adopt cybersecurity standards that safeguard their data, information technology and information technology resources to ensure availability, confidentiality and integrity. The standards must be consistent with generally accepted best practices for cybersecurity, including the National Institute of Standards and Technology (NIST) and Technology Cybersecurity Framework. Municipalities with a population over 25,000 must comply by January 1, 2024. Municipalities with a population under 25,000 must comply by January 1, 2025. The bill also requires local governments to report severe cybersecurity incidents and ransomware incidents to the State Watch Office as soon as possible, but no later than 48 hours after discovery for a cybersecurity incident and 12 hours after discovery for a ransomware incident. The bill also prohibits state agencies, counties and municipalities from paying or otherwise complying with a ransom demand. The budget includes \$67 million of nonrecurring state funding to assist local governments in complying with the provisions of the bill. The bill clarifies what type of cyber incidents need to be reported by a local government and defines the levels of severity of a cybersecurity incident set by the U.S. Department of Homeland Security National Cyber Incident Response Plan. All incidents that could be described as levels 3-5 in severity shall be reported to the Cybersecurity Operations Center with the timelines specified above. Level 1-2 incidents may be reported if the local government chooses. The bill also requires the advanced training to include training on the incident levels. Effective July 1, 2022. (Taggart)

Public Records and Meetings/Cybersecurity or Ransomware Incident (Supported)

CS/HB 7057 (State Administration and Technology Appropriations Subcommittee, Giallombardo) provides a public records exemption for coverage limits and deductible or self-insurance amounts of insurance or risk mitigation coverages acquired for the protection of information technology systems, operational technology systems or data of a local government. The bill also exempts information related to an agency's critical infrastructure. Additionally, any information related to an agency's network

schematics, hardware and software configurations, or encryption information or details that identify detection, investigation or response practices or confirmed cybersecurity incidents are exempt under the bill. Finally, the bill creates a public meeting exemption for any portion of a meeting that would reveal the confidential and exempt information described above. The meetings must be recorded and transcribed, but those records are exempt. Effective July 1, 2022. (Taggart)

ECONOMIC DEVELOPMENT

Florida Tourism Marketing (Supported)

SB 434 (Hooper) delays the scheduled repeal of the Florida Tourism Industry Marketing Corporation (Visit Florida) and the Division of Tourism Marketing of Enterprise Florida from 2023 to 2028. Effective upon becoming law. (Taggart)

ETHICS AND ELECTIONS

Elections (Opposed)

CS/CS/SB 524 (Hutson) amends various provisions of the Florida Elections Code. The bill creates the Office of Election Crimes and Security within the Department of State and revises requirements for special officers who may investigate election law violations. It requires county commissioners of single-member districts to run for election after each decennial redistricting, with staggered terms as provided in Section 100.041, Florida Statutes, except: Miami-Dade County, any non-charter county, any county the charter of which limits the number of terms a commissioner may serve and any county in which voters have never approved a charter amendment limiting the number of terms a commissioner may serve regardless of subsequent judicial nullification. The bill revises retention and information posting requirements for citizens' initiative petition signature forms and authorizes review of proposed initiative amendment review processes to be halted if the validity of signatures for the petition have expired. It increases criminal penalties for ballot harvesting and crimes involving ballot petition signatures. The bill revises requirements for vote-by-mail ballots by conforming the mailing and canvassing timeframes for all mail ballot elections to those for vote-by-mail ballots in regular elections, effective January 1, 2024. The bill prohibits and preempts the use of ranked-choice voting to determine election or nomination to elective office and voids existing or future local ordinance authorizing the use of ranked-choice voting. The bill expands the prohibition

against the use of private donations for elections-related expenses to include any kind of expense, including the costs of litigation related to the election. It amends provisions relating to voter registration by increasing penalties that may be assessed against third-party voter registration organizations for certain actions, including alteration of the voter registration application of any other person without the person's knowledge or consent. In addition, it increases the frequency for conducting voter list maintenance and adds requirements for providing information about voter registration to the Department of State. In addition, it requires inactive voters to confirm their address of legal residence before being restored to active voter status. The bill expands a criminal penalty for early disclosure of election results. Finally, the bill requires the Department of State to report annually on investigations of election law violations and to submit a plan for using identifying numbers to confirm elector identity before returning a vote-by-mail ballot. Effective upon becoming law, except as otherwise provided. (O'Hara)

Implementation of the Constitutional Prohibition Against Lobbying by a Public Officer (Supported)

CS/CS/HB 7001 (Public Integrity & Elections Committee) implements Section 8(f), Article II of the state constitution, approved by voters in 2018. The provision prohibits lobbying by certain public officers both during public service and for a six-year period following vacation of public office. The prohibition applies to lobbying before the federal government, the Legislature, any state agency or any political subdivision and takes effect December 31, 2022. The prohibition applies to the following public officers: statewide elected officers; legislators; county commissioners; constitutional county officers and county charter officials; school board members; school superintendents; elected municipal officers; elected special district officers in special districts with ad valorem taxing authority; and secretaries, executive directors, and other administrative heads of executive branch departments. The bill defines terms that are not defined in the constitutional provision. Notable definitions in the bill include: "lobby," "compensation," "legislative action," "issue of policy," "issue of procurement," "issue of appropriation," "administrative action," "lobbying before the federal government" and "lobbying before political subdivisions." The bill provides specified exemptions from the definition of lobbying.

- ▶ "Administrative action" means any process or decision regulated by Chapter 120, Florida Statutes. For a political subdivision not regulated by Chapter 120, the term means any action or decision on a license, permit, waiver of regulation, development order or permit, development agreement, any quasi-judicial proceeding on land use matters, any decision subject to judicial review by petition for writ of certiorari, or any other procedure governed by existing law, ordinance, rule or regulation, except on an issue of procurement.
- ▶ "Issue of appropriation" means a legislative decision to expend or approve an expenditure of public funds, including decisions that are delegated to an administrator.
- ▶ "Issue of policy" means a change in a law, ordinance or decision, plan or course of action designed to influence the actions of a governmental entity or to regulate conduct.
- ▶ The term "lobby" does not include the following:
 - ▶ Providing confidential information for law enforcement purposes
 - ▶ Appearing as a witness at the written request of a legislative body or committee, including a legislative delegation meeting
 - ▶ Appearing or offering testimony as an expert witness.
- ▶ "Lobby for compensation" means being employed or contracting for compensation, for the purpose of lobbying, and includes being principally employed for governmental affairs to lobby on behalf of a person or governmental entity, but the term does not include:
 - ▶ A public officer carrying out the duties of his or her public office
 - ▶ A public or private employee or officer, acting in the normal course of his or her duties, unless he or she is principally employed for governmental affairs
 - ▶ Advice or services to a governmental entity pursuant to a contractual obligation with the governmental entity
 - ▶ Representation of a person on a legal claim cognizable in a court of law, in an administrative proceeding, or in front of an adjudicatory body, including representation in prelitigation offers, demands and negotiations, but excluding claims bill representation
 - ▶ Representation of a person in any proceeding on a complaint or allegation that could lead to discipline or adverse action against the person

- ▶ Representation of a person with respect to a subpoena or other legal process.

These definitions and others included in the bill should help local and state public officials whose private sector employment requires them to render legal services for clients before various state and political subdivisions. Effective December 31, 2022. (O'Hara)

Limitations on Political Contributions (Opposed)

CS/CS/HB 921 (Drake) imposes additional restrictions on expenditures by local governments relating to any that is subject to a vote of the electors (e.g., charter amendment or constitutional amendment) and imposes additional restrictions on contributions to political committees relating to proposed constitutional amendments. It prohibits a local government from expending public funds for any communication that is sent to electors concerning an issue that is subject to a vote of the electors. The prohibition applies to any communication initiated by the local government, regardless of whether the communication is limited to factual information. The prohibition does not preclude any of the following: a local government from reporting on official actions of the governing body in an accurate and impartial manner; posting factual information on a government website or in printed materials; hosting and providing information at a public forum; providing factual information in response to an inquiry; or providing information as otherwise authorized or required by law. The bill prohibits direct or indirect contributions or expenditures by a foreign national in connection with any election held in the state. In addition, the bill revises limitations on contributions to political committees that are the sponsor of a constitutional amendment proposed by initiative. Contributions to such political committees by persons who are not Florida residents and by political committees that do not maintain an office within the state are capped at \$3,000. The cap applies until the Secretary of State has issued a certificate of ballot position for the proposed amendment. Effective July 1, 2022. Chapter No. 2022-56. (O'Hara)

FINANCE AND TAXATION

Additional Homestead Property Tax Exemption (Opposed)

CS/CS/HJR 1 (Tomkow) proposes an amendment to the Florida Constitution to authorize the Legislature to create an additional \$50,000 homestead exemption on the property's assessed value greater

than \$100,000 and up to \$150,000 to certain public employees. The homestead property must be owned by a classroom teacher, a law enforcement officer, a correctional officer, a firefighter, an emergency medical technician, a paramedic, a child welfare service provider, an active-duty member of the United States Armed Services or a member of the Florida National Guard. The joint resolution limits the additional exemption to non-school property taxes. If approved by at least 60% of electors at the November 2022 general election, the constitutional amendment will take effect on January 1, 2023. (Hughes)

Implementing Bill: Additional Homestead Property Tax Exemption (Opposed)

CS/CS/HB 1563 (Tomkow) creates an additional homestead exemption for certain public employees if CS/CS/HJR 1 is approved by the voters at the 2022 general election. The bill provides for an additional homestead exemption up to \$50,000 on the assessed value greater than \$100,000 and up to \$150,000 for properties owned by a classroom teacher, a law enforcement officer, a correctional officer, a firefighter, an emergency medical technician, a paramedic, a child welfare service provider, an active-duty member of the United States Armed Services or a member of the Florida National Guard. A homestead property owner who qualifies for this exemption must be employed full-time on January 1 and must annually submit an application, including proof of employment, to the property appraiser. The additional homestead exemption only applies to non-school property taxes. The bill directs the Legislature to appropriate funds to offset reductions of ad valorem revenues in fiscally constrained counties attributable to the reduction in property tax base caused by the additional homestead exemption. If CS/CS/HJR 1 is approved by 60% of the voters, this bill is will take effect on January 1, 2023, and the additional homestead exemption will first apply to the 2023 tax roll. (Hughes)

Agritourism (Neutral)

SB 1186 (Albritton) removes the requirement that agritourism be a secondary stream of revenue for a bona fide agricultural operation. The bill prohibits the denial or revocations of a property's agricultural classification due solely to the conduct of agritourism or the construction, alteration or maintenance of a nonresidential structure on a bona fide farm that is used to conduct agritourism activities. However, the buildings, structures or facilities must be an integral part of the agricultural operation. The nonresidential structures and other improvements to the land must

be assessed at their just value and added to the agriculturally assessed value of the land. Effective July 1, 2022. (Hughes)

Local Tax Referenda Requirements (Opposed)

CS/CS/HB 777 (Robinson) requires referenda elections related to tourist development taxes, tourist impact taxes, increases in municipal and county ad valorem tax millages, children's services and independent special district property taxes, ninth-cent fuel tax, local option fuel taxes and certain school millages to be held at the state general election. Effective October 1, 2022. (Hughes)

Taxation (Neutral)

CS/HB 7071 (Ways and Means Committee) is the tax package for the 2022 Legislative Session. The bill provides for multiple tax reductions and other tax-related modifications. Several provisions in the bill are related to property taxes, including increasing the value of property exempt from ad valorem taxation for residents who are widows, widowers, blind or totally and permanently disabled from \$500 to \$5,000. The bill provides property tax abatement for residential properties rendered uninhabitable for 30 days or more due to a catastrophic event and provides relief from property taxes and non-ad valorem assessments to owners affected by the sudden and unforeseen collapse of a residential building in 2021. The bill clarifies how the start date is calculated relating to the 15-year waiting period for an affordable housing exemption. The bill also modifies the assessment methodology for land used in the production of aquaculture products. The bill includes the "Florida Motor Fuel Tax Relief Act of 2022," which is a one-month holiday reducing certain motor fuel taxes. The bill includes numerous sales tax holidays, sales tax exemptions and a reduction in the sales tax on new mobile homes. Except as otherwise expressly provided, the bill is effective July 1, 2022. (Hughes)

GENERAL GOVERNMENT

Business Damages Against Local Government

CS/SB 620 (Hutson) allows a business that has been engaged in a lawful business in a municipality for at least three years to claim business damages from the municipality if it enacts or amends an ordinance or charter provision that will cause a reduction of at least 15% of the business' profit as applied on a per location basis of a business operated within the jurisdiction. The bill provides three ways for a municipality to cure the business' claim and avoid paying damages:

repeal the ordinance or charter provision; amend the ordinance or charter provision; or grant a waiver to the business from enforcement of the ordinance or charter provision. The bill provides exemptions from business damages claims for various ordinances and charter provisions: ordinances required to comply with, or expressly authorized by, state or federal law; emergency ordinances, declarations or orders adopted pursuant to the state Emergency Management Act; a temporary emergency ordinance that remains in effect for no more than 90 days; ordinances or charter provisions enacted to implement Part II of Chapter 163 (including zoning, development orders and development permits); the Florida Building Code; the Florida Fire Code; a contract or an agreement, including contracts or agreements relating to grants or other financial assistance; debt issuance or refinancing; procurement; budgets or budget amendments, including revenue sources necessary to fund the budget. The bill specifies that in action to recover damages, the courts may award attorney fees and costs to the prevailing party. The bill is prospective and applies to ordinances and charter provisions enacted or amended after the legislation becomes law. Effective upon becoming law. (O'Hara)

HOUSING

Mixed-Use Residential Development Projects for Affordable Housing (Neutral)

CS/CS/SB 962 (Bradley) allows a municipality or county, regardless of zoning or a comprehensive plan, to approve mixed-use residential development projects if 10% of the units included in the project are used for affordable housing. Effective upon becoming law. (Branch)

LAND USE AND COMPREHENSIVE PLANNING

Floating Solar Facilities (Neutral)

CS/CS/HB 1411 (Avila) promotes the expanded use of floating solar facilities (FSF) by requiring local governments to amend development regulations. Under the bill, FSFs are required to be a permitted use in appropriate land use categories in each local government's comprehensive plan. An FSF is defined as a solar facility located on a wastewater treatment pond, abandoned limerock mine area, stormwater treatment pond, reclaimed water pond or other water storage reservoir. Under the bill, counties and municipalities are authorized to specify buffer and landscaping requirements. Such requirements may

not exceed those for similar uses involving solar facility construction permitted in agricultural land use categories and zoning districts. The bill requires the Office of Energy within the Department of Agriculture and Consumer Services to develop and submit recommendations to the Legislature by December 31, 2022, providing a regulatory framework for private and public sector entities that implement FSFs. Effective on July 1, 2022. (Cruz)

Real Property Rights (Neutral)

CS/SB 1380 (Rodriguez, A.) amends laws regarding restrictions on the use of real property. The bill limits how certain older real estate covenants or restrictions apply in a manner that protects real property rights and honors zoning requirements and conditions of a building or development permit. The bill also allows a property owner the right to establish parking rules and rates applicable to the owner's property.

The Marketable Record Title Act (MRTA) simplifies property transactions and modernizes land use by eliminating property rights that are more than 30 years old and predate the root of the title of the property in question. There are, however, numerous exceptions to MRTA whereby a property right is not extinguished by MRTA. The bill amends MRTA to:

- ▶ Modify an exception to extinguishment to require that a general reference to a prior right must include an affirmative statement of intent to preserve such property right
- ▶ Specify that MRTA may extinguish a covenant or restriction related to a zoning requirement, building permit or development permit; however, this will not extinguish the underlying zoning or building codes or ordinances, nor will it extinguish a covenant or restriction that says on its first page that it was required by local codes
- ▶ Allow revitalization of a covenant or restriction that had been required by a government agency as a condition of a development permit.

Additionally, the bill provides that the owner or operator of a private property used for motor vehicle parking may establish rules, rates and fines that govern private persons parking motor vehicles on such private property. A county or municipality may not enact an ordinance or a regulation restricting or prohibiting a right of a private property owner or operator to establish rules, rates and fines governing parking on the private property. (Cruz)

School Concurrency (Neutral)

CS/CS/CS/SB 706 (Perry) requires that school concurrency is deemed satisfied when the developer tenders a written legally binding commitment, rather than actually executes such commitment, to provide mitigation proportionate to the demand created by the development. A district school board must notify the local government that capacity is available for the development within 30 days after receipt of the developer's commitment. The bill also provides that such mitigation paid by a developer, rather than being immediately directed toward a school capacity improvement, may be set aside and not spent until an appropriate improvement is identified. Effective July 1, 2022. (Cruz)

OTHER

Emergency Orders Prohibiting Religious Services or Activities (Neutral)

CS/SB 254 (Brodeur) provides that an emergency order may not expressly prohibit a religious institution from regular religious services or activities. Effective July 1, 2022. (Branch)

Emergency Preparedness and Response (Neutral)

SB 98 (Burgess) creates the Emergency Preparedness and Response Fund within the Executive Office of the Governor. The bill is effective upon becoming law (February 17, 2022). Chapter No. 2022-002.

CS/SB 96 (Burgess) authorizes the Legislative Budget Commission (LBC) to convene to transfer or appropriate funds to the Emergency Preparedness Response Fund. Under the bill, after approval from the LBC, the Governor could transfer, expend and request additional money into the fund. The bill is effective upon becoming law (February 17, 2022). Chapter No. 2022-001. (Branch)

Immigration Enforcement (Neutral)

CS/SB 1808 (Bean) expands the definition of "sanctuary policy" to include any law, policy, practice, procedure or custom of any state or local governmental entity that prohibits a law enforcement agency from providing to any state entity information on the immigration status of a person in the custody of the law enforcement agency. The bill requires law enforcement agencies operating county detention facilities to enter into an agreement with U.S. Immigration and Customs Enforcement and would require such agencies to report specified information concerning such agreement quarterly to the Florida Department of Law Enforcement. The bill

prohibits state and local governmental entities from contracting with common carriers or contracted carriers that willfully transport a person into the state knowing the person is an unauthorized alien, except to facilitate the detention, removal or departure of the person from the state or the United States. The bill also specifies that contracts, including a grant agreement or economic incentive program payment agreement, must include certain provisions requiring the common carrier or contracted carrier to attest that it is not and will not transport an unauthorized alien into this state. Effective upon becoming law. (Cruz)

Legal Notices (Supported)

CS/HB 7049 (Judiciary Committee) gives a governmental agency the option to publish legal notices on a publicly accessible website of a county instead of a print newspaper. If a government chooses to make this change, they must show it results in a cost savings. Notices must be published in a searchable format and indicate the date it was first published. Also, a local government that chooses to switch to online notice publication must run at least annually in a newspaper of general circulation or another publication that is mailed or delivered to all residents and property owners within the government's jurisdiction with a notice indicating that those individuals may elect to receive public notices from the governmental agency by first-class mail or email upon registering their information with the agency. The agency must also maintain a list of the individuals who opt to directly receive notices. The bill requires governmental agencies located within a county that has a population under 160,000 to first hold a public hearing and determine that there is sufficient internet access in the area before public notice changes can be made. Effective January 1, 2023. (Taggart)

Workers' Compensation Benefits for Post-Traumatic Stress Disorder (Neutral)

CS/HB 689 (Giallombardo) specifies that the time for notice of an injury or death in a compensable post-traumatic stress disorder (PTSD) claim must be properly noticed within 52 weeks after the qualifying event or the diagnosis of the disorder, whichever is later. Current law requires a claim to be filed within 52 weeks after the qualifying event. The bill expands workers' compensation coverage for PTSD for first responders to also include correctional officers. The portion of the bill that impacts local governments will be effective October 1, 2022. The bill is effective July 1, 2022. (Cruz)

PARKS AND RECREATION

Regulation of Smoking by Counties and Municipalities (Supported)

CS/HB 105 (Fine) authorizes cities and counties to restrict smoking within the boundaries of any public beach or park they own. The bill specifies that municipalities can restrict smoking within the boundaries of a beach or park that is owned by the county but located within the city, as long as it does not conflict with any county ordinance. The bill prevents cities and counties from restricting unfiltered cigars. Effective July 1, 2022. (Taggart)

PERSONNEL

Fire Investigators (Neutral)

CS/SB 838 (Wright) expands the eligibility for certain cancer treatment benefits to include full-time, Florida-certified fire investigators. Effective July 1, 2022. (Hughes)

Firefighter Inquiries and Investigations (Neutral)

HB 31 (Busatta Cabrera) extends certain provisions of the Firefighters' Bill of Rights to questioning conducted under an informal inquiry. The bill specifies that an informal inquiry does not include routine work-related discussions, such as safety sessions or normal operational fire debriefings. The bill requires an informal inquiry of a firefighter to be of reasonable duration with permitted periods for rest and personal necessities and not subject the firefighter to offensive language or offer any incentive as an inducement to answer any questions. During an informal inquiry or interrogation, a firefighter may not be threatened with a transfer, suspension, dismissal or other disciplinary action. Effective July 1, 2022. (Hughes)

FRS Employer Contribution Rates (Neutral)

HB 5007 (Appropriations) establishes the contribution rates paid by employers participating in the Florida Retirement System (FRS) beginning July 1, 2022. These rates are intended to fund the full normal cost and the amortization of the unfunded actuarial liability of the FRS. The bill also modifies DROP to allow a member of the Special Risk Class who is a law enforcement officer to participate for up to 36 calendar months beyond the 60-month period if he or she enters DROP on or before June 30, 2028. Effective July 1, 2022. (Hughes)

Individual Freedom (Neutral)

CS/HB 7 (Avila) makes subjecting any individual, as a condition of employment, membership, certification, licensing, credentialing or passing an examination, to training, instruction or any other required activity that espouses, promotes, advances, inculcates or compels such individual to believe specific concepts constitutes discrimination based on race, color, sex or national origin. The bill clarifies that discussion of the specified concepts is allowed as part of a course of training or instruction, provided such training or instruction is given in an objective manner without endorsement of the concepts. Effective July 1, 2022. (Hughes)

Law Enforcement Officer, Benefits, Recruitment and Training (Supported)

CS/HB 3 (Leek) provides multiple new and expanded benefits and training for first responders. Of note to municipalities, the bill creates the Florida Law Enforcement Recruitment Bonus Payment Program within the Department of Economic Opportunity. The program is a one-time, up to \$5,000, bonus payment to newly employed officers within the state to aid in the recruitment of officers. Bonus payments are contingent upon legislative appropriations. For the 2022-23 state fiscal year, the Legislature appropriated \$20 million for this program. Effective July 1, 2022. Chapter No. 2022-23. (Hughes)

Law Enforcement Vehicles (Neutral)

CS/SB 266 (Diaz) requires an agency that employs law enforcement officers and allows those officers to take home an agency-owned vehicle to maintain motor vehicle insurance, including bodily injury, death and property damage liability coverage that covers the time an officer spends while going to or coming from work or any other agency assignment in an official law enforcement vehicle. The bill provides specific instances when the motor vehicle insurance would not have to provide coverage. Effective July 1, 2022. (Hughes)

Records of Physical Examination (Neutral)

CS/HB 453 (Duggan) requires employers to maintain records of pre-employment physical examinations for firefighters and law employment officers at least five years after the employee's separation from the agency. If the employing agency fails to maintain the records of the examination for the required retention period, it is presumed that the employee met the requirement for the workers' compensation presumption. The bill provides that if a firefighter

did not undergo a pre-employment physical examination, the medical examination required for firefighter certification is deemed to satisfy the medical examination requirement if the medical examination failed to reveal any evidence of tuberculosis, heart disease or hypertension. (Hughes)

PROCUREMENT**Evidence of Vendor Financial Stability (Neutral)**

CS/CS/HB 1057 (Andrade) states that agencies who require vendors to demonstrate financial stability during the competitive solicitation process must accept any of the following as evidence of such stability: audited financial statements, documentation of an investment-grade rating from a credit rating agency, or for vendors with annual revenues exceeding \$1 billion, a letter issued by the Chief Financial Officer or Controller of that vendor. Effective upon becoming law. (Taggart)

PUBLIC RECORDS AND PUBLIC MEETINGS**OGSR/Campus Emergency Response (Supported)**

SB 7006 (Education) saves from repeal the public records exemption relating to any portion of a campus emergency response held by a public postsecondary institution, a state or local law enforcement agency, a county or municipal emergency management agency, the Executive Office of the Governor, the Department of Education, the Board of Governors of the State University System or the Division of Emergency Management, as well as that portion of a public meeting which would reveal information related to a campus emergency response. Effective October 1, 2022. (Taggart)

Public Records/Crash Reports and Traffic Citations (Neutral)

CS/CS/SB 1614 (Harrell) revises an exemption from public records adding an exemption related to personal information in written crash reports. Crash report data in computerized databases are now confidential and exempt. Crash reports held by an agency may be made available 60 days after the report is filed to any person or entity eligible to access crash reports. Effective March 1, 2023. (Taggart)

Public Records/Law Enforcement Geolocation Information (Supported)

CS/SB 1046 (Hooper) exempts from public records requirements law enforcement officers and law

enforcement vehicle geolocation information. The bill specifies that the exemption would be applied retroactively. Effective upon becoming law. (Taggart)

PUBLIC SAFETY

Boating Safety (Neutral)

CS/SB 606 (Garcia) creates additional safety provisions and requirements for boat liveries or privately owned boat rental companies. Of importance to local governments, the bill requires livery owners to notify local law enforcement if a vessel is unnecessarily overdue more than four hours after the contracted time. Effective July 1, 2022. (Taggart)

Care for Retired Law Enforcement Dogs (Supported)

CS/SB 226 (Powell) creates the Care for Retired Law Enforcement Dog Program within the Florida Department of Law Enforcement (FDLE). The bill requires that the FDLE contract with a nonprofit corporation to administer and manage the program. To qualify, a dog must have served at least five years with an agency or three years if the dog was injured in the line of duty. Effective July 1, 2022. (Taggart)

Code and Traffic Enforcement (Supported)

CS/HB 1435 (Leek) authorizes the Sheriff or Chief Administrative Officer of a municipality to designate a special event zone in response to a special event that takes place or is reasonably anticipated to take place on a roadway, street or highway within their jurisdiction. The bill defines "special event" as an unpermitted temporary activity or event organized or promoted via social media that is attended by 50 or more people and substantially increases or disrupts the normal flow of traffic on those roadways. The bill requires the Sheriff or Chief Administrative Officer to enforce the special event zone in a manner that causes the least inconvenience to the public. Special event zones must also be designated with a warning sign at each point of ingress or egress and remain in effect as long as reasonably necessary to protect the public but not after the special event has dissipated. The bill authorizes law enforcement to enforce occupancy limits on private or public property in a special event zone. Finally, the Sheriff or Chief Administrative Officer may recover all fees and costs associated with designating and enforcing the special event zone from the event promoter or organizer. The bill requires clearly visible signage designating the special event zone that states all fines are doubled, and vehicles are subject to impoundment for traffic infractions and violations. The signage must be posted 24 hours

before enforcement of the special event zone can commence. Effective upon becoming law. (Taggart)

School Safety (Neutral)

CS/CS/CS/HB 1421 (Hawkins) requires the Department of Education to work with local emergency management and law enforcement personnel to create a model reunification plan for use by child care facilities, K-12 schools and public postsecondary educational institutions for schools that are unexpectedly evacuated due to a disaster. Each school district will be required to adopt a district-specific plan by working with local law enforcement. School districts will be required to annually certify, beginning July 1, 2023, that at least 80% of school personnel have received mandatory youth mental health awareness and assistance training. The bill also requires law enforcement officers responsible for responding to specific schools in the event of an active assailant emergency to be physically present on campus during the execution of active assailant emergency drills. The bill also requires the State Board of Education to adopt rules for emergency drill policies relating to the timing, frequency, participation, training, notification, accommodations and responses to threat situations by incident type, as well as to school level and characteristics. The bill specifies that these drills be conducted at least annually. Finally, the bill requires each safe-school officer to complete a mental health crisis intervention training. Effective July 1, 2022. (Taggart)

Telecommunicator Cardiopulmonary Resuscitation (Neutral)

HB 593 (Trabulsy) requires an employee of a public safety agency who answers emergency medical service calls to provide direct telephonic assistance in administering cardiopulmonary resuscitation or transfer calls to a dedicated telephone line, call center or other public safety agency with which the transferring public safety agency has a reciprocal agreement. The bill also requires all 911 public safety telecommunicators who take telephone calls and provide dispatch functions for emergency medical conditions to complete telecommunicator cardiopulmonary resuscitation training and continuing education as deemed appropriate by the Department of Health. Effective July 1, 2022. (Taggart)

Two-Way Radio Communication Enhancement Systems (Neutral)

CS/SB 1190 (Boyd) authorizes the use of two-way radio communication enhancement systems to comply

with certain radio signal strength requirements in the Florida Building Code. The bill exempts apartment buildings that are 75 feet or less in height with the exterior components constructed of wood frame from requiring two-way radio communication systems. Effective July 1, 2022. (Branch)

UTILITIES AND NATURAL RESOURCES

Golf Course Best Management Practices Certification (Neutral)

CS/CS/CS/HB 967 (Truenow) requires the turfgrass science program at the University of Florida Institute of Food and Agricultural Sciences (UF/IFAS), in coordination with the Florida Department of Environmental Protection (DEP), to administer a certification for golf course best management practices (BMPs) to ensure compliance with fertilizer BMPs. It requires UF/IFAS to provide training and testing certification programs and to issue certifications demonstrating completion of such programs. Certification expires four years after the date of issuance, with recertification available upon completion of additional continuing education. Persons certified in golf course BMPs are exempt from additional local government training and testing and exempt from local ordinances relating to water and fertilizer use, blackout periods or restrictions, unless a state of emergency is declared. The bill also encourages UF/IFAS to create an online registry of certified persons. Effective July 1, 2022. (O'Hara)

Grease Waste Removal and Disposal (Neutral)

CS/SB 1110 (Rouson) requires grease waste haulers to dispose of grease waste at disposal facilities and prohibits haulers from returning grease waste and graywater to certain grease interceptors and traps and from disposing of grease waste at locations other than disposal facilities. The bill requires the haulers to document grease waste removal and disposal with service manifests and require inspecting entities to verify certain contracts and service manifests. Effective July 1, 2022. (O'Hara)

Inventories of Critical Wetlands (Neutral)

CS/CS/SB 882 (Brodeur) directs water management districts to work with local governments to develop a list of critical wetlands to be acquired through the Land Acquisition Trust Fund. The bill provides a list of criteria to assist in determining whether a wetland is critical. The district must notify the owner of any property that it contemplates including on the list

and authorizes removal of such property from the list. Effective July 1, 2022. (O'Hara)

Municipal Solid Waste-to-Energy Program (Neutral)

CS/CS/SB 1764 (Albritton) creates the Municipal Solid Waste-to-Energy Program within the Department of Agriculture and Consumer Services and requires the department to provide financial assistance grants to municipal solid waste-to-energy facilities that have entered into power purchase agreements with electric utilities that include capacity payments, and the facility will no longer receive capacity payments under the agreement. Eligible facilities are defined in the bill. The bill also directs the department to provide incentive grants to waste-to-energy facilities to assist with constructing, upgrading or expanding a facility. Grant funds may not be used for a residential collection system that does not separate solid waste from recovered materials. Effective July 1, 2022. (O'Hara)

Net Metering (Neutral)

CS/CS/HB 741 (McClure) revises current law relating to net metering by investor-owned utilities (IOUs). Net metering allows customers who own on-site renewable energy systems, typically solar systems, to interconnect with the electric grid and be compensated for excess electricity generated on-site that is subsequently transferred to the electric grid. Under Florida's current net metering framework for IOUs, the credit customers receive on their bill equals the value of the excess energy to the utility's retail rate. The bill modifies the current net metering framework for IOUs, establishing a graduated schedule for crediting excess energy delivered to the electric grid by a customer. The schedule is based on the date a customer's net metering application is approved. For applications approved between January 2024 and December 2025, the customer's energy usage will be offset by 75% of the amount credited. For applications approved between January 2026 and December 2026, the customer's energy usage shall be offset by 60% of the amount credited. For applications approved between January 2027 and December 2028, the customer's energy usage shall be offset by 50% of the amount credited. Customers for which a net metering application is approved before January 2029 pursuant to a standard interconnection agreement will be given 20 years to continue to use the net metering rates that applied at the time the application was approved. The bill further provides that if customer-owned renewable generation in the

state exceeds a certain threshold, the Public Service Commission must initiate rulemaking to adopt a new rule for net metering. The bill authorizes an IOU to petition the Public Service Commission after January 2024 for approval to impose any combination of charges to ensure that the IOU recovers the fixed costs of serving customers who own or lease renewable generation and that the general class of ratepayers does not subsidize customer-owned or leased generation. The bill directs the Public Service Commission to establish a new program to become effective January 2029, for customers for which a net metering application is approved after that date. The new program must ensure that: IOU customers who own renewable generation pay their full cost of electric service and are not cross-subsidized by the general class of ratepayers; all energy delivered by the IOU is purchased at its applicable retail rate; and all energy delivered by the customer-owned renewable generation to the IOU is credited to the customer at the IOU's full avoided costs. Effective July 1, 2022. (O'Hara)

Pollution Control Standards and Liability (Neutral)

CS/HB 909 (Payne) provides the Secretary of the Department of Environmental Protection has exclusive jurisdiction in setting standards or procedures for evaluating environmental conditions and assessing potential liability for the presence of contaminants on lands classified as agricultural land pursuant to Section 193.461, Florida Statutes, and being converted to a nonagricultural use. The bill prohibits the Secretary from delegating this authority to a county, a municipality or another unit of local government. The bill does not preempt the enforcement authority of a county, a municipality or another unit of local government through a local pollution control program. The bill does not apply to former agricultural land for which a permit has been approved by a local government to initiate development or for which development was completed on or before July 1, 2022. Effective July 1, 2022. (O'Hara)

Private Property Rights to Prune, Trim and Remove Trees (Supported)

CS/SB 518 (Brodeur) clarifies current law, Section 163.045, Florida Statutes, which provides that a local government may not require a notice, application, permit, fee or mitigation for pruning, trimming or removing a tree on a residential property if the owner obtains documentation from an arborist or licensed landscape architect that the tree presents a danger to persons or property. The bill

defines "documentation" as an on-site assessment performed in accordance with tree risk assessment procedures outlined in Best Management Practices – Tree Risk Assessment, Second Edition (2017) by an arborist certified by the International Society of Arboriculture (ISA) or a Florida-licensed landscape architect and signed by the arborist or landscape architect. It defines "residential property" as a single-family, detached building located on a lot actively used for single-family residential purposes and that is either a conforming use or a legally recognized non-conforming use. The bill removes reference to the term "danger" and replaces it with the phrase "unacceptable risk." It specifies a tree presents an unacceptable risk if removal is the only means of practically mitigating its risk below moderate, as determined by the tree risk assessment procedures outlined in the Best Management Practices – Tree Risk Assessment, Second Edition (2017). Effective July 1, 2022. (O'Hara)

Private Provider Inspections of On-site Sewage Treatment and Disposal Systems (Neutral)

CS/CS/SB 856 (Brodeur) authorizes the owner of an on-site sewage treatment and disposal system (OSTDS) to hire a private provider to inspect the OSTDS. It specifies that an inspection of an OSTDS may not be conducted by the person or entity that installed the OSTDS. The bill lists the qualifications to be a private provider. It requires an owner using a private provider for the inspection to notify the Department of Environmental Protection within certain timeframes before the first scheduled inspection by the department. The bill authorizes the department to audit up to 25% of private providers each year to ensure accurate performance by a private provider. The owner may proceed with work on a building, a structure or an OSTDS after inspection and approval by a private provider if the owner has given notice of the inspection to the department. Subsequent to such inspection, work may not be delayed for completion of an inspection audit by the department unless deficiencies are found in the audit. Effective July 1, 2022. (O'Hara)

Soil and Groundwater Contamination – PFAS (Supported)

CS/HB 1475 (McClure) provides that if the U.S. Environmental Protection Agency has not finalized its standards for Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) in drinking water, groundwater, and soil by January 2025, the Department of Environmental Protection (DEP) must adopt by

rule statewide cleanup target levels for PFAS in drinking water, soil and groundwater, with priority given to Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS). The DEP rules may not take effect until ratified by the Legislature. In addition, until the department's rule for a particular PFAS constituent has been ratified by the Legislature, a governmental agency or private water supplier may not be subject to any administrative or judicial action under Chapter 376, Florida Statutes, brought by any state or local governmental entity to compel or enjoin site rehabilitation, to require payment for the cost of rehabilitation, or to require payment of any fines or penalties regarding rehabilitation based on the presence of that particular PFAS constituent. Effective upon becoming law. (O'Hara)

Statewide Flooding and Sea Level Rise Resilience (Supported)

CS/HB 7053 (Environment, Agriculture & Flooding Subcommittee) establishes the Office of Resiliency within the Executive Office of the Governor and provides for the appointment of a Chief Resilience Officer. The bill requires the Department of Transportation to develop a resilience action plan for the State Highway System. The bill makes various revisions to current law relating to statewide resiliency funding and planning, including: authorizing the use of Resilient Florida Grant Program funds for preconstruction activities for projects in municipalities and counties meeting certain population thresholds; extending by one year the dates by which the Comprehensive Statewide Flood Vulnerability and Sea-Level Rise Data Set and the assessment must be completed; requiring the Florida Flood Hub to provide tidal and storm surge flooding data to cities and counties for vulnerability assessments; and requiring the Department of Environmental Protection (DEP) to rank and include in its annual Statewide Flooding and Sea Level Rise Resilience Plan all eligible projects that were submitted and to include a detailed overview describing how the plan was developed; specifying that the DEP plan submitted in 2023 must be an update to the preliminary plan submitted in 2021; and authorizes drainage districts, erosion control districts, regional water supply authorities and certain special districts to submit proposed projects for the plan under certain circumstances. Effective July 1, 2022. (O'Hara)

Temporary Underground Power Panels (Neutral)

CS/HB 481 (Duggan) prohibits counties and municipalities from enacting regulations that prevent electric utilities from installing temporary underground power panels that meet the requirements of the National Electrical Code and prevents counties and municipalities from requiring permanent inspections if the local government has already performed a temporary inspection. If residential construction is going to ultimately receive power through an underground service line, temporary underground power panels are used in lieu of temporary power poles to provide power during the residential construction process. Effective July 1, 2022. (O'Hara)

Vessels/Fish and Wildlife Conservation Commission (Neutral)

CS/CS/SB 494 (Hutson) revises laws administered by the Fish and Wildlife Conservation Commission (FWC) and other law enforcement bodies. Among other things, the bill modifies current law provisions relating to derelict, at-risk and abandoned vessels. It specifies that a vessel is at risk of becoming derelict if it is tied to an unlawful or unpermitted mooring or other structure. It outlines the circumstances in which law enforcement may destroy or dispose of a vessel, and it adds vessels declared a public nuisance to the definition of "abandoned property." It clarifies that the additional time given for an owner to remove a derelict vessel or to repair the vessel in the event of an accident or event does not apply if the vessel was already derelict at the time of the accident or event. The bill reorganizes current law provisions authorizing FWC to establish a program to provide grants to local governments for removal, storage, destruction and disposal of derelict vessels and vessels declared a public nuisance. It directs FWC to adopt rules for local governments to submit grant applications and criteria for allocating available funds. The grant award criteria must consider, among other things, the number of derelict vessels within the applicant's jurisdiction, the threat posed by such vessels to health and safety, the environment, navigation or aesthetics, and the degree of commitment of the local government to maintain waters free of derelict vessels and to seek legal action against those who abandon vessels. The bill specifies that a certificate of title may not be issued for a public nuisance vessel and it adds public nuisance vessels to the definition of abandoned property. In addition, the bill provides that a local government cannot create a public bathing beach or swim area in the marked channel

of the Florida Intracoastal Waterway or within 100 feet of the marked channel. Effective July 1, 2022, except as otherwise provided. (O'Hara)

Water Quality Enhancement Areas/Environmental Management (Neutral)

CS/CS/CS/HB 965 (Truenow) provides for the construction, operation, maintenance and long-term management of off-site, regional, compensatory water treatment areas called "water quality enhancement areas." These areas will be used to offset impacts to water quality caused by increases in nutrient loading from development projects and are intended to assist governmental entities in satisfying the "net improvement" standard under Section 373.414(1)(b)3., Florida Statutes. The bill provides a mechanism whereby water quality enhancement credits could be purchased from a water quality enhancement area to offset pollutant loads caused by development. The bill specifies that water quality enhancement areas must be regulated through permits issued by the Department of Environmental Regulation, and it directs the department to adopt implementing rules. While the bill allows governmental entities to use water quality enhancement areas to

address their water quality needs, it specifies that governmental entities may not act as sponsors to construct, operate, manage, maintain or market enhancement credits to third parties. In addition, the bill provides that local governments may not require a permit or impose regulations governing the operation of an enhancement area. A water quality enhancement area permit applicant must provide reasonable assurances that an enhancement area will achieve defined performance criteria, benefit water quality and assure long-term pollutant reduction. The bill specifies requirements for enhancement areas and provides that enhancement credits may be withdrawn and used only to address adverse impacts in the "enhancement service area." The bill specifies requirements for the generation of enhancement credits and provides that a local government may not deny the use of credits due to the location of the enhancement area being outside the jurisdiction of the local government. Lastly, the bill provides that whether a dwelling is owner-occupied is not an eligibility criterion for a developer or homebuilder to receive density or intensity bonuses for implementing graywater technologies. Effective July 1, 2022. (O'Hara)

BILLS THAT FAILED

in alphabetical order by subject area

BUILDING CODES/CONSTRUCTION

Building Plan Changes (Neutral)

SB 1020 (Perry), **SB 976** (Perry) and **CS/CS/HB 635** (Maggard) would have prohibited local building code administrators, inspectors and fire safety marshals from making changes to certain building plans under specified circumstances once the local building department has approved and sealed the plans.

HB 1281 (DiCeglie) and **SB 976** also would have prohibited any governmental entity from requiring participation in a paid subscription service to access solicitations of competitive bids or proposals that must be publicly advertised. (Branch)

Community Associations' Building Inspections (Neutral)

SB 1780 (Pizzo) and **HB 1391** (Geller) would have addressed inspection requirements for community associations. Of interest to municipalities, the bills would have required each association to include in their

bylaws the following: for a building that is four stories or more and located within a one-half mile radius of the Gulf of Mexico or the Atlantic Ocean, the Board must have the building inspected by a licensed architect or engineer once the building reaches 30 years of age and every five years thereafter, and provide that report to the local authority having jurisdiction. (Branch)

Condominium and Cooperative Associations (Neutral)

SB 1942 (Pizzo) and **HB 1393** (Geller) would have addressed inspection and reserve requirements for community associations. Of interest to municipalities, the bill would have:

- ▶ Required the local jurisdiction to issue a notice or required recertification inspection to the association when the condominium building is 20 years of age or older
- ▶ Required the architect or engineer who performed the inspection to submit a sealed copy of the report to the local authority within seven days after the Board receives the completed report

- ▶ Required the Condominium Board to complete any repairs or modifications within six months after receipt of the recertification report according to the Florida Building Code
- ▶ Required the Board, under a seal signature of a licensed architect or engineer and within seven days of the completion of repairs or modifications, to provide the local authority a copy affirming that the remedial action has been completed
- ▶ Required the Board of Directors to provide a copy of the reserve study or financial statement to the local authority having jurisdiction within a specified time
- ▶ Authorized the local authority having jurisdiction to order a mandatory evacuation of the residential condominium under certain circumstances. (Branch)

Condominium and Cooperative Associations Building Safety (Neutral)

CS/HB 7069 (Pandemics & Public Emergencies Committee) would have done the following:

- ▶ Created a statewide structural inspection program for aging multifamily residential buildings
- ▶ Defined the term “milestone inspection” to mean a structural inspection of a building by a licensed architect or engineer authorized to practice in this state for the purposes of attesting to the life safety and adequacy of the structural components
- ▶ Made known that the cost associated with the inspections are the responsibility of the condominium owner or association
- ▶ Required multifamily residential buildings that are greater than three stories in height to have a milestone inspection performed by December 31 of the year in which the building reaches 30 years of age and every 10 years thereafter
- ▶ Required multifamily residential buildings located within 3 miles of a coastline and are greater than three stories in height to have a milestone inspection performed by December 31 of the year in which the building reaches 25 years of age and every 10 years thereafter
- ▶ Required local enforcement agencies to provide certain written notice to condominium associations and cooperative
- ▶ Required the condominium association to complete the milestone inspection report within 180 days after receiving written notice
- ▶ Required any multifamily residential building whose certificate of occupancy was issued on or before July 1, 1992, to have their initial milestone inspection performed before December 31, 2024

- ▶ Required the architect or engineer who performed the inspection to submit a sealed copy of the report to each condominium unit owner and to the building official of the local government of jurisdiction
- ▶ Allowed the local enforcement agency the ability to prescribe timelines and penalties with respect to compliance with the above section
- ▶ Allowed a board of County Commissioners to adopt an ordinance specifying when repairs must commence. If the association failed to commence repairs within 365 days, the local enforcement agency would be required to review and determine if the building is unsafe for human occupancy
- ▶ Required the Florida Building Commission to develop comprehensive structural and life safety standards for maintaining and inspecting all building types and structures by December 31, 2022. (Branch)

Powers of the Florida Building Commission (Neutral)

SB 1604 (Perry) and **HB 771** (Andrade) would have required the Florida Building Commission to develop uniform standards for the maintenance and periodic inspections of existing building structures and facilities across the state. (Branch)

Repeal of Developer Incentive Requirements (Supported)

HB 6057 (Eskamani) would have removed provisions requiring counties and municipalities to provide incentives to fully offset the costs of certain affordable housing contributions or linkage fees. (Branch)

Road Construction (Neutral)

HB 1365 (Maggard) and **SB 1784** (Burgess) would have created the Rural Roads Initiative Pilot Program within the Florida Department of Transportation with the purpose of paving state, county or municipal roads within East Pasco County that are currently unpaved. (Branch)

Standards for Buildings and Firesafety (Neutral)

HB 626 (Wright) and **SB 659** (Harding) would have changed the effective date of the Florida Fire Prevention Code so the Code would have taken effect no sooner than six months after the latest occurrence of the publication of the updated Florida Building Code. (Branch)

CYBERSECURITY

Critical Infrastructure Standards and Procedures (Neutral)

CS/SB 828 (Hutson) would have required local governments when procuring automation and control system components, services or solutions or entering into a contract for the construction, reconstruction, alteration or design of a critical infrastructure facility that such components, services and solutions conform to the ISA 62443 series of standards as referenced by the National Institute of Standards and Technology Cybersecurity Framework (NIST CSF), beginning July 1, 2022. The bill would have also required local governments to ensure that all contracts for the construction, reconstruction, alteration or design of a critical infrastructure facility require that installed automation and control system components meet the minimum standards for cybersecurity as defined in the ISA 62443 series of standards as referenced by NIST CSF.

HB 1147 (Giallombardo) was similar to CS/SB 828 but had different implementing requirements and timelines. HB 1147 would have required local governments, when procuring automation and control system components, services or solutions, or when contracting for facility upgrades for critical infrastructure, to only utilize those systems or services if they complied with the ISA/IEC 62443 standards. The bill also encouraged asset owners to annually conduct a risk assessment and create a risk mitigation plan. (Taggart)

Cyber Florida - Local Government Infrastructure and Technical Assistance (Supported)

HB 9241 (Giallombardo) would have provided a nonrecurring sum of \$5 million to fund the Cyber Florida - Local Government Infrastructure and Technical Assistance. This funding would have created a program for Cyber Florida to offer threat assessments and grant funding to help local governments update their information technology. These initiatives were implemented in HB 7055; refer to page 2 for more information. (Taggart)

Public Records and Public Meetings/Certain Information Held by a Utility (Supported)

SB 1740 (Wright) and **CS/CS/HB 1287** (Botana) would have provided an exemption from public records information related to threat technology and operational technology systems of a utility owned or operated by a unit of local government, including but not limited to plans and actions made or taken in

response to a ransomware attack or other cyberattack. The bills also exempted from public records information related to insurance or other risk mitigation products or coverages, including but not limited to deductible or self-insurance amounts, coverage limits and policy terms and conditions. (Taggart)

ECONOMIC DEVELOPMENT

Agreements with Professional Sports Teams (Neutral)

HB 499 (Gregory) and **SB 1298** (Gruters) would have required agreements between a governmental entity and a professional sports team or sporting event entered into after July 1, 2022, to include a requirement that the U.S. National Anthem be played at the beginning of each sporting event if the agreement included a financial commitment from the governmental agency. The government that entered into the agreement would have been responsible for enforcing this requirement. The bills also specified penalties for the sports entity for failure to comply. (Taggart)

Economic Development (Supported)

CS/SB 800 (Albritton) would have authorized municipalities to exempt by ordinance the public service tax on electrical energy for qualified purchasers determined by the Department of Revenue (DOR). The bill also provided a sales tax exemption for building materials being used to revitalize real property located within an opportunity zone. Applications for a sales tax refund would have been required to be submitted to DOR within six months of the real property being deemed "substantially completed" by the local building inspector. Applicants would have been limited to one application per property, and the amount must have exceeded \$500. Additionally, the bill would have expanded this tax exemption to include electrical energy being used by a business that operates in an opportunity zone for up to 50% of the tax imposed if the municipality chooses to adopt an ordinance. The bill would have also modified some parameters of the Rural Job Tax Credit Program by removing the minimum number of employees and increasing the tax credit per employee from \$1,000 to \$2,500. The bill would have also created the Rural Opportunity Tax Refund Program intended to provide tax relief for new, qualified targeted businesses that bring economic diversity and high-wage jobs to rural areas. Under the bill, in order for a qualified targeted business to have received this tax benefit, the municipality where

the business would have been located must have adopted a resolution recommending the applicant be approved. (Taggart)

Rural Development (Supported)

CS/HB 685 (Drake) would have reduced the required non-state match amount for the Regional Rural Development Grants Program from 25% to 15% and allowed in-kind contributions to count toward this threshold. The bill would have removed the requirement that repaid funds from the Rural Community Development Revolving Loan Fund be matched to be retained to fund future loans. Finally, the bill would have revised the uses of the Rural Infrastructure Fund to remove the requirement that grants be linked to financing specific projects. It would have increased the proportion of an infrastructure project that could have been covered by the grant from 50% to 75% and increased the maximum grant for infrastructure feasibility studies, design and engineering activities, or other infrastructure planning and preparation activities to \$300,000 for all projects. The bill would have removed the local match requirement for surveys, feasibility studies and other activities related to the identification and preclearance review of land that is suitable for preclearance review and removed the requirement that a grant for an employment project creates a minimum number of jobs. (Taggart)

ETHICS AND ELECTIONS

Campaign Finance (Neutral)

HB 1359 (Roach) would have provided that a political committee or electioneering communications organization that over a 24-month period does not make or receive expenditures or contributions exceeding \$5,000 in the aggregate is dissolved and must dispose of surplus funds in accordance with the Florida Elections Code. (O'Hara)

Campaign Finance (Supported)

HB 6109 (Eskamani) would have removed provisions that preempt local governments from enacting or adopting limitations and restrictions involving certain contributions and expenditures or establishing contribution limits different than those established in the Florida Election Code. (O'Hara)

Ethics (Neutral)

CS/HB 7067 (Public Integrity & Ethics Committee) would have amended various provisions of the Code of Ethics for Public Officers and Employees. The bill updated the conflicting employment or contractual interest

provision in the Code by deeming a contractual interest in certain businesses in which a public officer or employee holds an interest to be a contractual interest of such officer or employee. It revised the local government voting conflict law by requiring all affected officers, including municipal elected officials, to disclose conflicts prior to participation in public discussions on such issues. (O'Hara)

Fiduciary Duty of Care for Appointed Public Officials and Executive Officers (Opposed)

SB 508 (Diaz) would have established standards of conduct and a mandatory five hours of training relating to the "fiduciary duty of care" for appointed local public officers and executive officers of local government entities. In addition, the bill imposed restrictions on legal representation by government attorneys. The fiduciary duty and training requirements applied to appointed officials of various local boards and committees, including code enforcement boards, planning and zoning boards, land use boards and community redevelopment agency boards. The requirements did not apply to pension board members. (Cruz)

Financial Disclosures for Elected Local Officers (Opposed)

CS/HB 301 (Roach) and **CS/CS/SB 510** (Brodeur) would have required all municipal elected officials and all municipal managers to file an annual full disclosure of financial interests (Form 6) with the Florida Commission on Ethics. (O'Hara)

Municipal Contracting Procedures (Supported)

CS/HB 1401 (Persons-Mulicka) and **SB 1876** (Perry) would have specified that if more than 70% of land in an area proposed for contracting is owned by individuals, corporations or legal entities that are not registered electors, the area may only be contracted if the owners of more than 50% of the parcels of land in the area consent to the contracting. If the area did not have any registered electors on the date the ordinance was adopted, a vote of electors of the area was not required. (Cruz)

FINANCE AND TAXATION

Abatement of Taxes for Residential Dwellings Rendered Uninhabitable by Catastrophic Event (Neutral)

CS/HB 71 (Woodson) and **SB 568** (Polsky) would have created an abatement of property taxes for residential dwellings that are uninhabitable due

to a catastrophic event. If a residential dwelling is rendered uninhabitable for at least 30 days due to a catastrophic event, taxes originally levied for the tax year in which the catastrophic event occurred could have been abated if certain conditions were met. The bills required the tax collector to notify each affected local government of the reduction of property taxes due to this bill. Similar language passed in CS/HB 7071. (Hughes)

Ad Valorem Tax Exemption for Nonprofit Homes for the Aged (Neutral)

SB 362 (Rodriguez) and **CS/HB 401** (Smith) would have expanded options allowing a nonprofit home for the aged to qualify for an exemption from ad valorem taxation. The bills allowed the sole general partner to be another entity wholly owned by a not-for-profit corporation. (Hughes)

Aquaculture (Neutral)

CS/HB 149 (Tuck) and **CS/SB 404** (Rodriguez) specified the methodology for the property tax assessment of the structures and equipment used in aquaculture. Similar language passed in CS/HB 7071. (Hughes)

Constitutional Amendment: Homestead Exemption (Opposed)

SJR 1266 (Brandes) and **CS/HJR 923** (Fischer) proposed an amendment to the Florida Constitution to provide for the periodic increase of the \$25,000 exemption on a homestead property's assessed value that is greater than \$50,000. (Hughes)

Implementing Bills: Homestead Exemption (Opposed)

SB 1264 (Brandes) and **CS/HB 1503** (Fischer) would have provided for the periodic increase in the additional property tax exemption on a homestead property if SJR 1266 or a similar constitutional amendment was approved by the voters at the 2022 general election. The bills would have provided for recalculations of the additional homestead every five years and indexed the exemption amount to the House Price Index for Florida. (Hughes)

Government Property Tax Exemption (Neutral)

SB 1890 (Hutson) would have revised the types of lessees whose purpose and functions are deemed to be governmental, municipal or public purpose in determining the exemption from ad valorem taxes for certain real property. These changes were intended to clarify existing law. (Hughes)

Homestead Assessments Following a Change in Ownership (Opposed)

HB 283 (Duran) and **SB 460** (Rodriguez) would have provided for an exception from assessment of homestead property at just value upon transfer of property if the property was transferred to a child or a grandchild of the deceased owner. (Hughes)

Homestead Property Tax Assessment Limitation and Exemptions for Low-Income Seniors (Neutral)

HJR 973 (Borrero) and **SJR 1278** (Diaz) would have proposed amendments to the Florida Constitution to authorize the Legislature to prohibit increases in the assessed value of homestead property owned by low-income seniors. (Hughes)

Implementing Bills: Homestead Property Tax Assessment Limitation and Exemptions for Low-Income Seniors (Neutral)

HB 975 (Borrero) and **SB 1280** (Diaz) would have created an additional assessment limitation for certain low-income seniors if HJR 973, SJR 1278 or a similar constitutional amendment was approved by the voters at the 2022 general election. This additional assessment limitation applied to assessed values of homestead properties with a just value of \$300,000 or less owned by a person at least 65 years old whose annual household income does not exceed \$20,000. The assessment limitation is carried over to a surviving spouse who uses the property as a homestead, who has attained age 65 and meets the household income limitations. The bills also modified the current local option low-income senior property tax exemption to increase the just value requirement from \$250,000 to \$300,000. (Hughes)

Property Appraisers (Opposed)

CS/HB 417 (Fernandez-Barquin) and **SB 572** (Garcia) would have increased the variance percentages that must be met in order for a property appraiser to challenge a Value Adjustment Board decision in the circuit court. SB 572 revised factors that a property appraiser must consider in deriving just valuation for a property. (Hughes)

Property Tax Discounts (Opposed)

HB 839 (Fischer) and **SB 1152** (Rodriguez) would have increased the property tax discount percentage rates for early payment of all property taxes assessed on the county tax rolls. (Hughes)

Property Tax Exemptions (Neutral)

CS/HB 13 (Gottlieb) and **SB 154** (Rodriguez) would have increased the property tax exemption for homesteaded residents who are widows, widowers, blind or totally and permanently disabled. SB 154 increases the exemption from \$500 to \$5,000. Similar language passed in CS/HB 7071. (Hughes)

Property Tax Exemption for Affordable Housing (Supported)

CS/SB 1150 (Rodriguez, A.) and **HB 495** (Rodriguez, Ant.) would have authorized municipalities and counties to adopt ordinances to grant ad valorem tax exemptions to property owners whose properties are used for governmental or public purpose of providing affordable housing. (Hughes)

Property Taxation of Construction Equipment (Neutral)

HB 751 (Clemons) revised the definition of the term "inventory" to include construction equipment by a heavy equipment rental dealer for sale or short-term rental in the normal course of business on the annual assessment date. This change would have only applied to non-school levies. (Hughes)

Property Tax Exemption for Educational Properties (Neutral)

HB 243 (Roth) and **SB 1126** (Harrell) would have exempted, from property taxation, property used by educational institutions that hold a leasehold interest in certain leases that exceed 98 years. (Hughes)

Public Deposits (Supported)

SB 1318 (Hutson) and **HB 1559** (Harding) would have allowed the state's Chief Financial Officer to designate credit unions as qualified public depositories after meeting certain criteria. (Hughes)

Rental of Homestead Property (Opposed)

SB 1056 (Hutson) and **CS/HB 1345** (McFarland) would have revised the criteria of the homestead property tax exemption to state that the rental of a portion of a dwelling claimed to be a homestead while the dwelling is physically occupied by the owner does not constitute the abandonment of the dwelling as a homestead. (Hughes)

Tax on Rental of Real Property (Opposed)

HB 6093 (Gregory) and **SB 1558** (Gruters) would have repealed Section 212.031, Florida Statutes, which subjects the renting, leasing, letting or granting a license for the use of any real property to sales and use tax. (Hughes)

GENERAL GOVERNMENT**Local Ordinances**

CS/CS/SB 280 (Hutson) and **CS/CS/HB 403** (Giallombardo) would have imposed new substantive requirements on municipalities for adopting and enforcing ordinances. First, the bills required a municipality to prepare a business impact estimate before adopting an ordinance (except specified exempt ordinances) and specified the minimum content to be included in the statement. Second, the bills required a municipality to suspend enforcement of an ordinance that was the subject of a civil action challenging the ordinance's validity on grounds that it was arbitrary or unreasonable or expressly preempted by state law. The bills authorized courts to consider lifting the stay on ordinance enforcement if the government prevailed and an appeal was taken. Third, the bills authorized the award of attorney fees, costs, and damages to a prevailing plaintiff in a civil action commenced after October 1, 2022, in which an ordinance was alleged to be arbitrary or unreasonable. (O'Hara)

Preemption to the State (Supported)

HB 6113 (Eskamani) and **SB 1900** (Torres) would have repealed numerous provisions of current law that operate as preemptions of municipal and county authority on a variety of subjects. (O'Hara)

Supermajority Vote for Legislative Preemption (Supported)

SB 152 (Farmer) would have proposed an amendment to the Florida Constitution that would require any general law that preempts a subject of legislation to the state to pass by a two-thirds vote of each house of the Legislature. (O'Hara)

HOUSING**State Housing Assistance Programs (Opposed)**

SB 1170 (Brandes) and **HB 1553** (Plakon) would have created a State Housing Initiatives Partnership (SHIP) Block Grant Program. Instead of entitlement municipalities receiving direct SHIP funding, the bills would have distributed all the monies to counties. A county would not have been required to share any of the funding with any of the municipalities within their boundaries. (Branch)

LAND USE AND COMPREHENSIVE PLANNING

Impact Fee Credits (Neutral)

HB 681 (Rodriguez) and **SB 1030** (Taddeo) would have clarified that impact fee credits are assignable and transferable any time after establishment from one development or parcel to any other as long as it falls within the same impact fee zone or district, or that it is within the same impact fee zone in the county or municipality. (Cruz)

Local Government Land Development Actions (Opposed)

CS/HB 739 (Borrero) and **SB 1248** (Gruters) would have specified that a county or municipality must review applications for development permits or orders within 30 days of receiving the application and issue a letter indicating that all required information is submitted or specifying any areas that are deficient. In an attempt to make a more uniform process for future developments, the bills would have required that each local government adopt residential infill development standards in its land use regulations by October 1, 2022. (Cruz)

Mobility Funding System (Support)

SB 1824 (Brodeur) and **HB 1415** (Robinson, W.) would have revised the requirements and best practices for local governments applying mobility plans rather than impact fees. The bills required a local government adopting a mobility plan to evaluate appropriate levels of service and potential impacts of development by using the elements of its comprehensive plan. (Cruz)

OTHER

Acceptance of Cash Payments by Businesses (Neutral)

HB 233 (Willhite) and **SB 408** (Jones) would have required businesses to accept cash payments for any good or service if the customer was physically present at the place of business. The bills exempted transactions above \$5,000. Of interest to local governments, the bills exempted parking facilities owned by a municipality regardless of who operates the parking facility. (Taggart)

Communicable and Infectious Diseases (Neutral)

HB 117 (Fetterhoff) and **SB 774** (Gruters) would have added COVID-19 and infectious diseases to the list of conditions that, if suffered by an emergency rescue

or public safety worker, are presumed to have been contracted while at work for purposes of workers' compensation. (Cruz)

Criminal Justice (Supported)

SB 450 (Jones) and **HB 857** (Nixon) would have repealed multiple provisions from HB 1, which passed in the 2021 Legislative Session, including allowing specified elected officials to appeal a municipal law enforcement operating budget that contains a funding reduction. (Hughes)

First Responder's Employment-Related Accidents and Injuries (Neutral)

HB 49 (Bartleman) and **SB 200** (Rodriguez) would have expanded the eligibility for first responder post-traumatic stress disorder (PTSD) workers' compensation benefits to also include certain correctional officers, 911 public safety telecommunicators and all volunteer law enforcement officers and firefighters. (Cruz)

Home Kitchen Operations (Neutral)

CS/HB 707 (Learned) and **CS/SB 1158** (Jones) defined "home kitchen operations" as a person or business entity that sells directly from their home to the consumer any food product (excluding raw milk and raw oysters). The bills would have exempted these operations from the requirements imposed on traditional public food service establishments. Additionally, the bills specified that local governments would be preempted from directly regulating these operations; however, they must comply with any applicable home-based business regulations. A home kitchen operation would not be permitted to exceed annual gross sales of \$250,000 and would have been limited to producing 10 individual meals per day. (Taggart)

Incorporation of Municipalities (Opposed)

CS/HB 1035 (Williamson) and **SB 1554** (Diaz) would have required communities to reach a 60% approval in a local nonbinding referendum before presenting an incorporation bill to the state Legislature. This referendum requirement would have been in addition to the already required feasibility study and city charter. (Branch)

Local Districting (Neutral)

SB 1142 (Hutson) and **HB 827** (Barnaby) would have prohibited the drawings of districts from favoring or disfavoring an incumbent county commissioner, municipal official or school board member. The bills would have required municipalities to fix the

boundaries of their districts in only odd-numbered years to keep them as nearly equal in proportion to the population as possible. (Branch)

Outdoor Kitchen Equipment Preemption (Neutral)

CS/SB 714 (Hooper) and **CS/HB 667** (McClain) were a broad agency package for the Department of Business and Professional Regulation. Of importance to municipalities, CS/HB 667 was amended to add provisions that state outdoor kitchen equipment is not required to be separately covered, have overhead protections or hoods or be enclosed. The amendment would have also prohibited local governments from prohibiting, or have the effect of prohibiting, the use of outdoor kitchen equipment. These provisions were not included in CS/SB 714. (Taggart)

Pet Protection (Opposed)

CS/SB 994 (Diaz) and **HB 849** (Fernandez-Barquin) would have created a statewide regulatory scheme for the licensure, regulation and inspection of retail pet stores by the Department of Business and Professional Regulation. The bills specified that local governments could have adopted ordinances that regulate but do not prohibit the operation of retail pet stores or the breeding, purchase or sale of household pets, provided that the ordinance is not in conflict with the statewide regulations specified in the bills. The bills clarified that ordinances adopted prior to June 1, 2021, were “grandfathered” in addition to ordinances adopted prior to June 1, 2022, which imposed a moratorium on new pet stores or are solely regulatory in nature. The bills would have also preempted local governments from regulating a person who offers for sale, directly to the public, certain types of dogs for sporting or agricultural purposes.

CS/SB 996 (Diaz) would have set the initial and renewal fee for a retail pet store license by the Department of Business and Professional Regulation at \$25 per licensed location. (Taggart)

Post-Traumatic Stress Disorder Workers’ Compensation for Law Enforcement, Correctional and Correctional Probation Officers (Neutral)

CS/HB 425 (Fischer) and **CS/SB 664** (Bradley) would have expanded workers’ compensation coverage for post-traumatic stress disorder (PTSD) for first responders to also include correctional officers, part-time correctional officers, part-time law enforcement officers and auxiliary law enforcement officers. PTSD is an occupational disease compensable by workers’ compensation benefits. In order to receive benefits

under the bills, PTSD must have been demonstrated by clear and convincing medical evidence. (Cruz)

Preemption of the Regulation of Tobacco and Nicotine Products (Supported)

SB 1022 (Ausley) and **HB 6081** (Hunschofsky) would have repealed the state preemption on the regulation of tobacco and nicotine products. Current law preempts local governments from regulating the marketing, sale or delivery of tobacco products. (Taggart)

Retail Sale of Domestic Dogs and Cats (Neutral)

HB 253 (Killebrew) would have prohibited a for-profit business from selling domestic cats and dogs. The bill did not prohibit a city or county from adopting an ordinance on the sale of animals that is more stringent than the bill. (Taggart)

Tethering of Domestic Dogs and Cats (Neutral)

HB 1075 (Slosberg-King) and **SB 1508** (Taddeo) would have created the “Penny Bautista Act.” The bills prohibited a person from tethering a domestic dog or domestic cat unless the person is physically present with and attending to the dog or cat and the dog or cat remains visible to the person at all times while tethered. (Taggart)

PERSONNEL

Financial Disclosures (Opposed)

CS/HB 301 (Roach) and **CS/CS/SB 510** (Brodeur) would have required all municipal elected officials and all municipal managers to file an annual full disclosure of financial interests (Form 6) with the Florida Commission on Ethics. These individuals are currently required to file only a Limited Disclosure of Financial Interests (Form 1). (Hughes)

Law Enforcement Death Benefits (Opposed)

HB 645 (Gottlieb) and **SB 992** (Book) would have required employers of full-time law enforcement, corrections and corrections probation officers to extend employer-paid health insurance benefits to the officer’s surviving spouse and each dependent child if the officer dies in the line of duty as a result of exposure to a pandemic disease that is the subject of a public health emergency. (Hughes)

Preemption of Local Government Wage Mandates (Opposed)

CS/SB 1124 (Gruters) and **CS/HB 943** (Harding) would have created the “Wage Mandate Preemption Act,” which revised prohibitions relating to political subdivisions, including municipalities. The bills prohibited a political subdivision from enacting a wage mandate on an employer in an amount greater than the state minimum wage. The bills did not apply to employees of the political subdivision or if federal law requires the payment of a minimum wage to persons working on projects funded by federal funds. (Hughes)

Racial and Sexual Discrimination (Neutral)

HB 57 (Fine) and **SB 242** (Gruters) would have prohibited municipalities and other governmental entities from including in any mandatory employee training “divisive concepts” as defined by the bills. The bills also required that each municipality ensure that all diversity and inclusion efforts encourage employees not to judge each other on color, race, ethnicity, sex or any other characteristic protected by federal or state law. (Hughes)

Wage and Employment Benefits (Supported)

SB 446 (Taddeo) and **HB 6047** (Smith, C.) would have repealed the preemption on political subdivisions’ ability to establish a minimum wage other than the state or federal minimum wage. (Hughes)

PROCUREMENT

Acquisition of Professional Services (Supported)

HB 6091 (Gregory) and **SB 1520** (Gruters) would have removed a provision in the Consultants’ Competitive Negotiation Act (CCNA) that requires a municipality to consider an equitable distribution of contracts among all qualified firms during the competitive selection process. (Taggart)

Energy (Neutral)

CS/CS/SB 954 (Brodeur) and **CS/HB 1139** (Drake) would have revised the vehicle procurement requirements for the state purchasing plan. Specifically, the bills required vehicles of a given use class to be selected for procurement based on the lowest lifetime ownership costs rather than the greatest fuel efficiency. (Taggart)

PUBLIC RECORDS AND PUBLIC MEETINGS

Personal Information Protection (Neutral)

HB 1547 (Overdorf) and **SB 1848** (Gruters) would have prohibited public agencies from requiring an individual to provide personal information. The bills also prohibited agencies from releasing, publishing or otherwise publicly disclosing personal information. “Personal information” was defined as any compilation of data that directly or indirectly identifies a person as a member, supporter, volunteer or donor of a financial or nonfinancial support to any nonprofit entity. The bills specified how an impacted party may have filed a lawsuit, set fees for each violation and allowed for a judge to award attorney’s fees to the complaint bringing the action. (Taggart)

Public Meetings During Declared States of Emergency (Supported)

SB 674 (Cruz) would have suspended the physical quorum requirement for local governmental bodies during a declared state of emergency. The bill would have allowed meetings of any board or commission to be held via telephone, real-time videoconferencing or similar real-time electronic or video communication for no more than six months from the start of the declared state of emergency, unless extended by the Governor by executive order. (Taggart)

Public Records (Opposed)

SB 1472 (Stewart) would have required agencies to respond to a public records request within five business days by a) making the records available, b) denying the request or c) providing a statement of how long the request will take and the reason for the delay. (Taggart)

Public Records/County and City Attorneys (Supported)

CS/SB 1420 (Burgess) and **HB 1213** (Arrington) would have created a public records exemption for the personal identifying and location information of current and former county and city attorneys and assistant county and city attorneys, as well as information regarding the spouses and children of those attorneys. (Taggart)

Public Records Exemption for Animal Adoption (Neutral)

HB 307 (Hawkins) and **SB 716** (Bradley) would have provided a public records exemption for the personal information of individuals who adopted an animal

from an animal shelter or animal control agency operated by a local government. (Taggart)

PUBLIC SAFETY

Active Shooter Alert System (Neutral)

SB 1672 (Berman) and **HB 1271** (Morales) would have provided for the development and implementation of an active shooter alert system by the Florida Department of Law Enforcement (FDLE). The bills authorized FDLE to partner with local governments to assist in the development and implementation of the alert system. (Taggart)

Authorization of Restrictions Concerning Dangerous Dogs (Neutral)

SB 614 (Garcia) and **CS/HB 721** (Buchanan) would have authorized public housing authorities to adopt rules or policies imposing restrictions on owners of dogs deemed dangerous. The bills allowed local governments to adopt ordinances addressing the safety and welfare concerns stemming from dog attacks on people or domestic animals, placing restrictions and additional requirements on owners of dangerous dogs, provided that no such regulations may be breed-specific. However, ordinances adopted prior to October 1, 1990, are exempt from these statutory requirements. (Branch)

First Responder Roadway Safety (Neutral)

HB 127 (Slosberg) would have prohibited the use of handheld wireless devices while operating a motor vehicle where first responders are actively working. This bill did provide several exceptions, such as first responders performing in their official capacity or drivers accessing safety-related information, including emergency, traffic or weather alerts. (Branch)

Florida Hometown Hero Housing Program (Neutral)

SB 788 (Hooper) would have created the Florida Hometown Hero Housing Program to assist frontline emergency workers, certain medical and health care personnel and educators in purchasing a home as their primary residence. (Branch)

Human Trafficking Public Awareness Signs (Neutral)

CS/SB 652 (Cruz) would have required the employer of each athletic venue, entertainment venue and

convention center capable of accommodating 5,000 persons or more to display a human trafficking public awareness sign. (Taggart)

Impeding, Provoking or Harassing Law Enforcement Officers (Neutral)

HB 11 (Rizo) and **SB 1872** (Bean) would have prohibited a person from approaching a law enforcement officer after receiving a warning with intent to impede, provoke or harass. (Taggart)

Law Enforcement Officer Body Cameras and Vehicle Dash Cameras (Opposed)

SB 1494 (Bracy) would have required each law enforcement agency in this state to mandate that its law enforcement officers wear body cameras and use vehicle dash cameras. (Taggart)

Offenses Against Firefighters (Supported)

SB 370 (Hooper) and **HB 351** (Duggan) would have added service as a firefighter as grounds for increased criminal penalties for certain criminal offenses. (Taggart)

Photographic Enforcement of School Zone Speed Limits (Neutral)

HB 189 (Duran), **CS/SB 410** (Rodriguez) and **HB 797** (Overdorf) would have authorized a county or municipality to contract with a vendor to install cameras in school speed zones to enforce speed limits. (Branch)

Repeal Preemption of Firearms and Ammunition (Supported)

SB 496 (Taddeo) and **HB 6049** (Daley) would have repealed the current statutory preemption prohibiting cities and counties from regulating firearms and ammunition. (Taggart)

Statewide Police Misconduct Registry (Neutral)

SB 1482 (Bracy) would have required the Department of Law Enforcement to establish and maintain a statewide police misconduct registry by June 30, 2023. The bill would have also set reporting requirements as part of the registry. (Taggart)

Traffic Infraction Detectors (Opposed)

HB 6029 (Sabatini) would have preempted cities, counties and the Florida Department of Highway Safety and Motor Vehicles from installing, maintaining or utilizing red light cameras effective July 1, 2025. (Branch)

SHORT-TERM RENTALS

Local Regulation of Vessels (Supported)

HB 1265 (Caruso) would have authorized local governments to regulate the anchoring of vessels used for short-term rental purposes in violation of a local ordinance or regulation. (Taggart)

Preemption of the Regulation of Vacation Rentals (Supported)

HB 6033 (Grieco) would have repealed all preemption provisions in current law relating to the local regulation of vacation rentals. (Taggart)

Vacation Rentals (CS/SB 512 – Neutral; CS/HB 325 – Opposed)

CS/SB 512 (Burgess) and **CS/HB 325** (Fischer)

Impact on Local Governments

The bills would have maintained the current preemption on local governments from adopting zoning ordinances specific to short-term rentals, as well as regulating the duration of stays and the frequency in which the properties are rented. The bills would have expanded this preemption to include local regulations on advertising platforms. For cities that adopted ordinances prior to June 1, 2011, the bills would have maintained the “grandfather” currently in place but clarified that those cities may have amended their ordinances to be less restrictive or to comply with a local registration program. For cities that did not have “grandfathered” protections, the bills would have preempted cities from licensing short-term rentals; however, they authorized local governments to have a local registration program.

Under the bills, as a condition of the local registration program, a local government could only require a property owner to:

- ▶ Pay a fee of no more than \$50 for processing the registration application
- ▶ Renew their registration no more than once per year unless the property has a change in ownership
- ▶ Submit identifying information about the owner or the property manager and the short-term rental being registered
- ▶ Obtain a license as a transient public lodging establishment by the Department of Business and Professional Regulation (DBPR) within 60 days of local registration
- ▶ Obtain all required tax registration, receipts or certificates issued by the Department of Revenue,

- a county or a municipal government
- ▶ Maintain all registration information on a continuing basis so it is current
- ▶ Comply with parking and solid waste handling requirements; these requirements cannot be imposed solely on short-term rentals
- ▶ Designate and maintain a property designee who can respond to complaints and other immediate problems related to the property, including being available by phone
- ▶ Pay in full all municipal or county code liens against the property being registered.

Impact on Advertising Platforms and DBPR

Advertising platforms would have been required to include in all listings the property’s state license number and, if applicable, the local registration number. After July 1, 2023, the advertising platform would have been required to check and verify the license number of all listings with the Department of Business and Professional Regulation (DBPR). Additionally, by that date, DBPR would have been required to maintain all short-term rental license information in an electronic format to ensure prompt compliance. Advertising platforms would have been required to remove unlicensed listings within 15 days after notification by DBPR, as well as collect and remit all required taxes.

Termination/Denial of License

DBPR would have been able to revoke, refuse to issue or renew a short-term rental license or suspend the license for up to 30 days under several circumstances:

- ▶ The property owner violated the terms of any lease or applicable condominium, coop or homeowner’s association restrictions
- ▶ The owner failed to provide proof of local registration if one is required
- ▶ The local registration was terminated by a local government for violating any of the registration requirements described above
- ▶ The property and property owner were subject to a final order or judgment directing termination of the property’s short-term rental status
- ▶ DBPR could have also suspended the license for up to 30 days if a short-term rental had been cited for two or more code enforcement violations during a 90-day period. CS/SB 512 was amended to specify that these violations must be brought by a code enforcement board. (Taggart)

TELECOMMUNICATIONS

Broadband (Supported)

SB 1726 (Ausley) would have established the Broadband Deployment Task Force to support and provide recommendations to the Florida Office of Broadband for the deployment of internet throughout the state. The task force included a member from the Florida League of Cities as a representative of underserved or unserved rural communities. (Hughes)

Communications Services (Supported)

HB 6045 (Eskamani) and **SB 1752** (Torres) would have repealed the Advanced Wireless Infrastructure Deployment Act that relates primarily to the installation of small wireless facilities in public rights of way. (Hughes)

TORT LIABILITY

Sovereign Immunity (Opposed)

CS/CS/CS/SB 974 (Gruters) and **CS/CS/HB 985** (Beltran) would have revised the statutory limits on liability for tort claims against the state and its agencies and subdivisions (which include cities). The current statutory limits for claims are \$200,000 per person and \$300,000 per incident. **CS/CS/HB 985** would have increased statutory limits for claims to \$400,000 per person and \$600,000 per incident. **CS/CS/CS/SB 974** would have changed the current statutory limits to a tiered system based on a population threshold. A city or county whose population is 50,000 or less would have maintained the current limits of \$200,000 per person and \$300,000 per occurrence. For a city or county whose population is between 50,001-250,000, the limits would have increased to \$300,000 per person and \$400,000 per occurrence. Lastly, for a city or county whose population is greater than 250,001, the limits would have been increased to \$400,000 per person and \$600,000 per occurrence. (Cruz)

TRANSPORTATION

Advanced Air Mobility (Supported)

CS/SB 728 (Harrell) and **CS/HB 1005** (Fischer) would have created the Advanced Air Mobility Study Task Force adjunct to the Florida Department of Transportation (FDOT) with the FDOT Secretary, or the Secretary's designee, serving as Chair. The bills directed the task force to hold public hearings in locations throughout the state to assess and describe

the current state of development of the advanced air mobility industry as well as collaborate with local governments to evaluate the potential integration of advanced air mobility into transportation plans. The bills listed the Florida League of Cities as a member of this task force. (Branch)

Electric Vehicle Charging Infrastructure (Supported)

SB 918 (Brandes) would have created the Electric Vehicle Infrastructure Grant Program to provide financial assistance to municipalities and other entities for the installation of electric vehicle charging infrastructure. The bill would have authorized the Department of Transportation to develop and publish criteria for the grant application. (Branch)

Fees/Electric Vehicles and Plug-In Hybrid Electric Vehicles (Supported)

SB 908 (Brandes) would have created additional fees and a licensing tax for electric and hybrid vehicles. The bill provided criteria and timeframes for the collection and disbursements of fees. This bill was linked to SB 918. (Branch)

Tampa Bay Area Regional Transit Authority (Neutral)

SB 426 (Brandes) would have dissolved the Tampa Bay Area Regional Transit Authority. The bill would have required the Authority to discharge its liabilities and settle and close its activities and affairs. (Branch)

Transportation Network Companies (Neutral)

SB 696 (Perry) and **CS/HB 445** (Botana) would have limited the pickup fees that an airport or seaport may charge a transportation network company to \$2 per pickup. (Branch)

UTILITIES AND NATURAL RESOURCES

Agricultural Practices (Neutral)

SB 904 (Farmer) and **HB 807** (Rayner) would have required the Department of Agriculture and Consumer Services to develop and adopt rules for interim measures, best management practices or other measures to achieve certain levels of pollution reduction statewide. (O'Hara)

Bottled Water Excise Tax (Neutral)

HB 473 (Casello) and **SB 798** (Taddeo) would have imposed an excise tax on bottled water operators and directed the tax proceeds to be used to provide grants and loans to local governmental agencies for water projects. (O'Hara)

Caloosahatchee River Watershed (Neutral)

HB 585 (Botana) would have prohibited the land application of septage from on-site sewage treatment and disposal systems within the Caloosahatchee River watershed. It would have prohibited within the watershed new domestic wastewater disposal facilities, except for those facilities that meet advanced wastewater treatment standards, and new septic systems on lots of less than one acre, if the addition of a specific system would conflict with the remediation plan. (O'Hara)

Certified Pile Burning (Opposed)

HB 6027 (Sabatini) would have amended current law relating to the open burning of debris from agricultural, silvicultural, land-clearing or tree-cutting activities, which is regulated and authorized by the Florida Forest Service. (O'Hara)

Discharge and Use of Firefighting Foam (Neutral)

HB 1257 (Casello) and **SB 1666** (Polsky) would have prohibited the use of Class B firefighting foam (contains PFAS) beginning in 2023, except as specified. (O'Hara)

Energy (Neutral)

SB 548 (Polsky) and **HB 491** (Skidmore) would have addressed a variety of energy and renewable energy issues, including: a tax credit for electricity produced from a renewable energy source located on a farm operation, an authorization for the state to lease manmade stormwater systems for floating solar energy systems and a requirement that the state adopt rules for a renewable and energy efficiency portfolio standard. (O'Hara)

Everglades Protection Area/Comprehensive Plan Amendments (Neutral)

SB 932 (Rodriguez) and **HB 729** (Aloupis) would have required comprehensive plans and plan amendments that apply to any land within, or within two miles of, the Everglades Protection Area to follow the state-coordinated review process for state agency compliance review under Part II, Chapter 163, Florida Statutes, and required the Department of Environmental Protection to coordinate with the affected local governments on mitigation measures for plans or plan amendments that would impact Everglades restoration. (O'Hara)

Greenhouse Gas Emissions (Neutral)

SB 380 (Rodriguez) and **HB 403** (Melo) would have prohibited state and regional agencies from adopting

or enforcing state and regional programs to regulate greenhouse gas emissions without specific legislative authorization. (O'Hara)

Implementation of Recommendations of Blue-Green Algae Task Force (Neutral)

SB 832 (Stewart) and **HB 561** (Goff-Marcil) would have required on-site sewage treatment and disposal systems to be inspected once every five years and required the Department of Environmental Protection (DEP) to administer the inspection program and requirements. (O'Hara)

Infrastructure Project Funding/Transfers of Utility Revenues (Opposed)

HB 621 (Fine) and **SB 1162** (Broxson) would have prohibited specified state agencies and water management districts from disbursing state funds (including grants) for local government infrastructure, water and resiliency projects if the local government transferred its utility revenues (other than the costs of administrative and support services under a cost allocation plan) for use in providing general government functions and services. (Branch)

Land Acquisition Funding (Supported)

CS/HB 1377 (Roth) and **SB 1816** (Stewart) would have extended the retirement date of bonds issued to fund the Florida Forever Act from 2040 to 2054. The bills would have required the annual appropriation from the Land Acquisition Trust Fund (LATF) to Florida Forever to be \$100 million. SB 1816 would have prohibited LATF monies from being used for state agency executive direction and support services. (O'Hara)

Legal Rights of the Natural Environment (Neutral)

HB 6003 (Eskamani) and **SB 1854** (Farmer) would have repealed provisions of current law prohibiting local governments from recognizing or granting certain legal rights to the natural environment or granting such rights relating to the natural environment to a person or political subdivision. (O'Hara)

Licensure for Tree Care Services (Supported)

SB 1448 (Ausley) would have established the Florida Board of Tree Experts within the Florida Department of Agriculture and Consumer Services and required the board to develop or designate a licensure examination for licensed Florida arborists. (O'Hara)

Local Government Solid Waste and Recycling Collection Services (Opposed)

SB 1944 (Baxley) and **CS/CS/HB 1241** (Hawkins) would have limited local governments' contractual remedies against a solid waste or recycling vendor if the vendor fails to perform under the contract with the local government. SB 1944 prohibited local governments from seeking liquidated damages, administrative fees or other similar charges against a solid waste management or recycling entity for action or inaction during a local, state or federal emergency. SB 1944 also capped the amount of liquidated damages, administrative fees or other similar charges that may be sought against a waste or recycling company to 50% of the amount billed to the customer for collection services at the daily rate. CS/CS/HB 1241 prohibited a local government from assessing liquidated damages against a vendor that misses a scheduled collection during a declared emergency, so long as the vendor provides the missed collection service within 36 hours of the scheduled service. If the vendor failed to provide the collection service after 36 hours, the local government would not be required to pay for that service. The bill's restrictions did not apply to missed collections due to the fault of the vendor and did not apply to contracts or contractual provisions for the collection of storm-generated yard trash. Both bills applied to contracts executed or renewed on or after July 1, 2022. (O'Hara)

Municipal Water and Sewer Utility Rates (Opposed)

SB 886 (Jones) and **HB 515** (Robinson, F.) would have required a municipal water or sewer utility that serves customers in another recipient municipality using infrastructure located in the recipient municipality to charge consumers in the recipient municipality the same rates, fees and charges as it does the consumers inside its own municipal boundaries. (O'Hara)

Office of the Blue Economy (Neutral)

SB 1454 (Ausley) and **HB 1081** (Skidmore) would have established the Office of the Blue Economy within the Department of Economic Opportunity and provides duties of the office. The term "blue economy" was defined as the economic uses of ocean and coastal resources with a focus on sustainable practices and the competitive positioning of the state in a global economy affected by climate change. (O'Hara)

On-site Sewage Treatment and Disposal System Inspections (Supported)

HB 1125 (Caruso) directs the Department of Environmental Protection (DEP) to administer an on-

site sewage treatment and disposal system periodic inspection program. It requires owners of certain systems to have periodic inspections of such systems every five years and to pay for the costs of such inspections, as well as any repairs or replacements. It authorizes local governments to create grant programs for homeowners' replacement costs. It directs DEP to submit program reports to the Governor, Legislature, Chief Science Officer and the Blue-Green Algae Task Force. (O'Hara)

Per- and Polyfluoroalkyl Substances (PFAS) Task Force (Neutral)

HB 1151 (Sirois) would have created a 15-member task force within the Department of Environmental Protection to develop recommendations for enforceable regulatory standards, a mechanism for identification and cleanup of contaminated areas, methods to address liability for contamination and responsibility for cleanup, appropriate methods and technologies for cleanup, funding sources for cleanup and remediation, methods to manage PFAS waste, appropriate testing for PFAS, and methods to eliminate workforce exposure. (O'Hara)

Preemption of Over-the-Counter Drugs and Cosmetics (Supported)

HB 6019 (Eskamani) would have repealed current law provisions preempting the regulation of over-the-counter proprietary drugs and cosmetics to the state. (O'Hara)

Preemption of Recyclable and Polystyrene Materials (Supported)

SB 320 (Stewart) and **HB 6063** (Grieco) would have removed the current statutory preemption of local laws regarding the regulation of auxiliary containers, wrappings or disposable plastic bags. In addition, the bills removed the statutory preemption of local laws regarding the use or sale of polystyrene products to the Department of Agriculture. (O'Hara)

Preemption of Tree Pruning, Trimming and Removal (Supported)

HB 6025 (Eskamani) and **SB 316** (Stewart) would have repealed current law preempting specified local government regulations relating to tree pruning, trimming and removal on residential property. (O'Hara)

Public Bathing Places/Safe Waterways (Neutral)

HB 393 (Hinson) and **SB 604** (Berman) would have required the Department of Health to adopt and

enforce certain rules and issue health advisories for public bathing places if the results of bacteriological water sampling at the site failed to meet health standards. The bills would have required a county or municipality to place signage around public bathing places warning of the bacterial contamination until such time the bacterial contamination is resolved. (O'Hara)

Public Financing of Potentially At-Risk Structures and Infrastructure (Neutral)

CS/SB 1434 (Rodriguez) and **CS/HB 1077** (Hunschofsky) would have revised current law provisions that require certain public-financed projects and infrastructure undergo a Sea Level Impact Projection Study prior to construction. The bills expanded the types of projects and infrastructure subject to the requirement by including "potentially at-risk" projects within an area that is "at-risk due to sea-level rise," as defined in the bills. The bills also added a requirement that a public-financed constructor provide a list of flood mitigation strategies evaluated as part of the design of the potentially at-risk structure or infrastructure and identify the flood mitigation strategies implemented or considered as part of the structure or infrastructure design. (O'Hara)

Regulation of Single-Use Plastic Products (Supported)

HB 1145 (Mooney, Jr.) and **SB 1580** (Rodriguez) would have authorized certain coastal communities as defined in the bills to establish pilot programs to regulate single-use plastic products. The bills also required the Department of Environmental Protection to submit updated retail plastic bag reports with conclusions and recommendations to the Legislature by specified dates. (O'Hara)

Renewable Energy (Opposed)

SB 182 (Brandes) would have allowed the owner of a business or a contracted third-party to install, maintain and operate a renewable energy source device on or about the structure in which the business operates or on any property the business leases. The bill authorized the business owner or third-party to sell the electricity that was generated from the device to another business immediately adjacent to or within the same parcel as the business. (O'Hara)

Resiliency Energy Environment Florida Program (Neutral)

CS/HB 101 (Fine) and **CS/SB 228** (Rodriguez) would have amended current law relating to Property

Assessed Clean Energy programs (PACE), whereby local governments, alone or in partnership with a program administrator, may finance qualifying improvements on residential property relating to energy conservation and efficiency or renewable energy. The bills added several consumer protections to the current PACE program, including capping the total of all non-ad valorem assessments plus any mortgage debt on the property at 97% of a residential property's fair market value, requiring a determination that a property owner meets certain creditworthiness requirements, and allowing property owners to cancel a financing agreement within three days of execution. The bills also required the local government to post an online annual report. (O'Hara)

Saltwater Intrusion Vulnerability Assessments (Neutral)

CS/SB 1238 (Polsky) and **HB 1019** (Duggan) would have required coastal counties to conduct vulnerability assessments that analyze the effects of saltwater intrusion on their water supplies. The bills required water management districts, in collaboration with coastal counties, to submit to DEP an annual list of proposed projects based on the assessments. (O'Hara)

Sanitary Sewer Lateral Inspection Programs (Neutral)

HB 303 (Truenow) and **CS/SB 608** (Brodeur) would have authorized counties and municipalities to access sanitary sewer laterals within their jurisdiction to investigate, repair or replace the lateral. A sanitary sewer lateral is a privately owned pipeline connecting a property to the main sewer line. CS/SB 608 was amended to clarify that a municipality or county may elect to establish and implement an alternative evaluation and rehabilitation program to identify and reduce extraneous flow from leaking from sanitary sewer laterals. (O'Hara)

Seagrass Mitigation Banks (Neutral)

CS/SB 198 (Rodriguez) and **CS/HB 349** (Overdorf and Sirois) would have authorized the Board of Trustees of the Internal Improvement Trust Fund to establish seagrass mitigation banks under certain conditions. (O'Hara)

Solar Photovoltaic Facility Development (Supported)

HB 745 (Alexander) and **SB 1562** (Ausley) would have directed the Department of Environmental Protection, in coordination with the Office of Energy within the Department of Agriculture and Consumer Services, to conduct a study of brownfield sites and closed landfill

sites to determine viable locations for redevelopment as solar photovoltaic facilities. (O'Hara)

State Renewable Energy Goals (Neutral)

HB 81 (Eskamani) and **SB 366** (Berman) would have prohibited the drilling, exploration or production of petroleum products in the state. In addition, the bills directed the Office of Energy within the Department of Agriculture and Consumer Services to develop a statewide plan to generate 100% of the electricity used in the state from renewable energy by 2040 and for the state to have net zero carbon emissions statewide by 2050. (O'Hara)

Study to Establish a Statewide Long-Term Recycling Goal (Neutral)

CS/SB 1156 (Stewart) and **HB 935** (Morales) would have required the Department of Environmental Protection to conduct a study on the establishment of a new long-term, statewide recycling goal. (O'Hara)

Water Resources Management (Neutral)

HB 349 (Sirois) would have authorized the Board of Trustees of the Internal Improvement Trust Fund (Board) to grant easements for mitigation banks under certain conditions. The bill also exempted certain docks on recorded easements from state permit requirements and authorized such docks to use submerged lands upon approval of the Board. (O'Hara)

Well Stimulation (Neutral)

SB 208 (Farmer) would have created the Stop Fracking Act. The bill prohibited extreme well stimulation, which was defined to include the various forms of fracking used to increase the production at an oil or gas well. (O'Hara)

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LEGISLATIVE GLOSSARY

ACT

A bill that has passed both houses of the Legislature.

ADJOURNMENT SINE DIE

Motion to adjourn sine die concludes a legislative session.

ADOPTION

Refers to favorable action by a chamber on an amendment, motion, resolution or memorial.

AMENDMENT

Makes a change to a bill after the bill has been filed. This change can happen in committee or on the floor of the House or Senate.

BILL

Legislation, including joint resolutions, concurrent resolutions, memorials or other measures upon which a council or committee may be required to report.

BILL NUMBER

Bills are issued a number based on the order they are filed and received by bill drafting. House bills receive odd numbers, while Senate bills receive even numbers.

CHAIR

The presiding officer for a floor session or committee meeting.

CLAIMS BILL

Presents a claim for compensation for an individual or entity for injuries caused by negligence or error on the part of a public office, local government or agency.

COMMITTEE

A panel of legislators appointed by the Senate President or Speaker of the House to perform specific duties such as considering legislation and conducting hearings and/or investigations.

COMMITTEES OF REFERENCE

Each bill is assigned to committees after it is filed. Often, the more committees a bill is assigned indicates its chances to pass or fail.

COMPANION BILL

Bills introduced in the House and Senate that are identical or substantially similar in wording.

“DIED IN COMMITTEE”

Refers to when a bill is not heard on the floor of the respective chamber in which it was introduced. A bill must pass all committees of reference or be pulled from remaining committees to pass. A bill that dies in committee fails to pass each of its committee references during committee weeks and session.

ENGROSSED BILL

The version of a bill that incorporates adopted floor amendments, which were added subsequently to the bill passing its committees of reference. The revision is done in the house of origin and engrossed under the supervision of the Secretary of the Senate or the Clerk of the House.

ENROLLED BILL

Once a bill has passed, it is enrolled in the house of origin. After that piece of legislation is enrolled and signed by officers of both houses (President and Speaker), it is sent to the Governor for action and transmittal to the Secretary of State. An enrolled bill may be signed by the Governor and enacted into law or vetoed.

FLORIDA STATUTES

An edited compilation of general laws of the state.

GENERAL BILL

A bill of general or statewide interest or whose provisions apply to the entire state.

HOUSE RESOLUTION

A measure expressing the will of a legislative house on a matter confined to that house dealing with organizational issues or conveying the good wishes of that chamber. Often used to congratulate Floridians or recognize significant achievements.

INTERIM

Refers to the period between the adjournment sine die of a regular session and the convening of the next regular session.

JOINT RESOLUTION

Used to propose amendments to the Florida Constitution. It is also the form of legislation used for redistricting a state legislative seat.

LAW

An act becomes a law after it has been approved and signed by the Governor, without the Governor's signature after his or her ability to veto the act within seven days of presentation or after the Legislature overrides the Governor's veto by a vote of two-thirds in each house.

LOCAL BILL

A bill that applies to an area or group that is less than the total population of the state.

MEMORIAL

A type of concurrent resolution addressed to an executive agency or another legislative body, usually Congress, which expresses the sentiment of the Florida Legislature on a matter outside its legislative jurisdiction.

MESSAGE

The houses of the Legislature send formal communications to each other regarding action taken on bills. This measure is usually reserved for the last couple of weeks of a legislative session. If a bill "dies in messages," it has passed each chamber in form; however, one of the two chambers has made a change or amended the bill so that the two versions are no longer identical.

PROPOSED COMMITTEE BILL (PCB)

A draft legislative measure taken up by a committee to consider whether or not to introduce it in the name of the committee.

PROVISO

Language used in a general appropriations bill to qualify or restrict how a specific appropriation is to be expended.

REFERENDUM

A vote by the citizens upon a measure that has been presented to them for approval or rejection.

REPEAL

The deletion by law of an entire section, subsection or paragraph of language from the Florida Statutes.

SESSION

Regular Session: The annual session that begins on the first Tuesday after the first Monday in March of each odd-numbered year and on the first Tuesday after the first Monday in March, or such other date as may be fixed by law, of each even-numbered year, for a period not to exceed 60 consecutive days. There is no limit on the subject matter that may be introduced in a regular session.

Special Session: Special sessions may be called by proclamation of the Governor, by joint proclamation of the House Speaker and the Senate President or by the members of the Legislature to consider specific legislation and shall not exceed 20 consecutive days unless extended by a three-fifths vote of each house. For members of the Legislature to call a special session, three-fifths of the members of both houses must vote in favor of calling a special session.

SPECIAL ORDER CALENDAR

A list of bills determined by the Rules Chair considered to be of high importance and priority scheduled for consideration in a specific order during a floor session on a particular day.

SPONSOR

The legislator or committee that files a bill for introduction.

TEMPORARILY POSTPONED

A motion can be made in the chamber or in committee to temporarily defer consideration of a measure.

VETO

An objection by the Governor to an act passed by the Legislature. Vetoes can be overridden by a vote of two-thirds of the membership of each chamber. A line-item veto may be performed by the Governor of specific measures in the general appropriations bill (the budget).



For more information on the
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