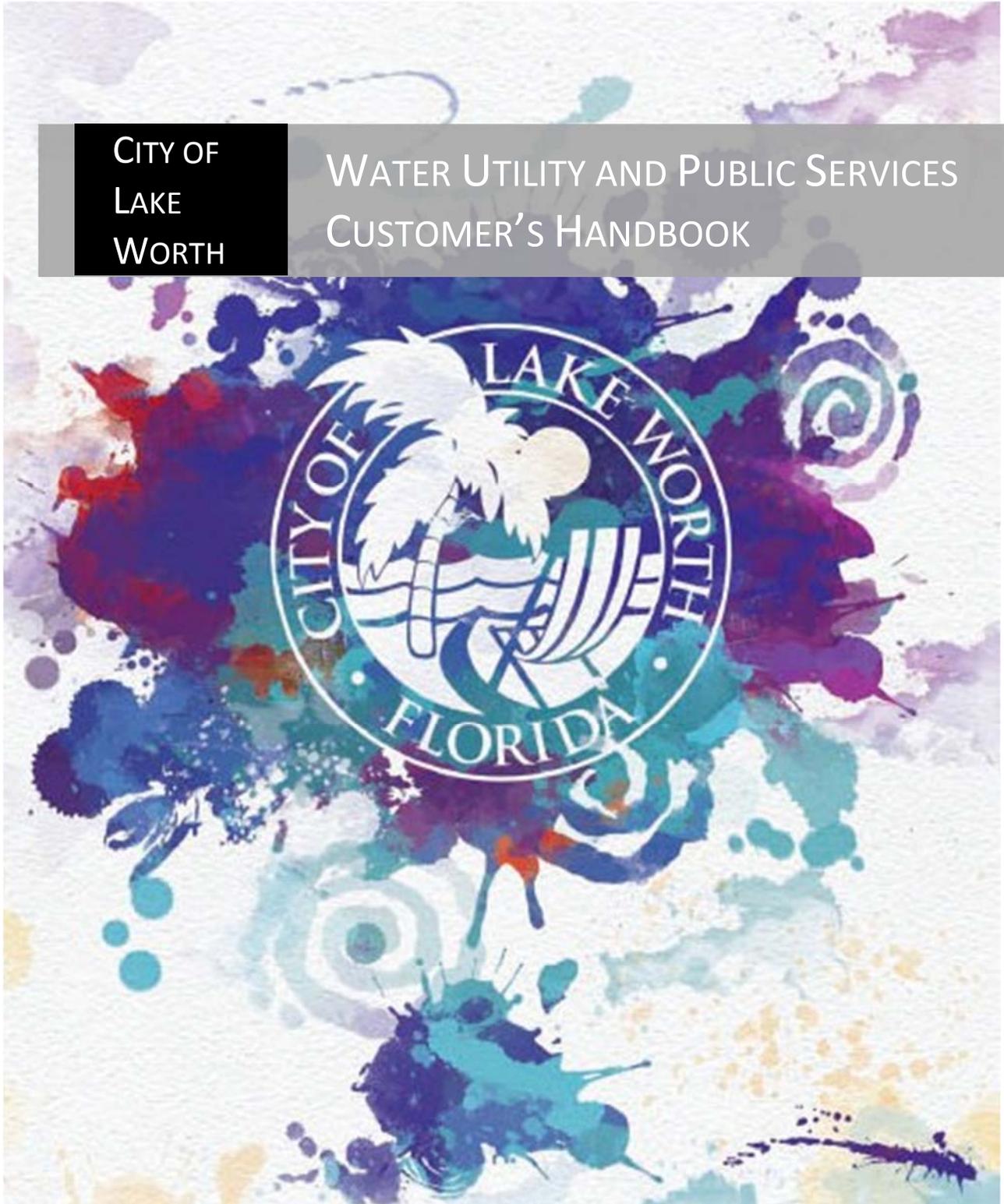


5/23/2016

CITY OF
LAKE
WORTH

WATER UTILITY AND PUBLIC SERVICES
CUSTOMER'S HANDBOOK



For New Construction & Water/Sewer Utility Connections

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CONTACTS

City Website: <http://www.lakeworth.org/>

Downloadable Forms and Standard Details: <http://www.lakeworth.org/business/forms/>

Utilities Customer Service

City Hall Annex
414 Lake Avenue
Lake Worth, FL 33460
561.533.7300
561.533.7343 (fax)
Customer_service@lakeworth.org

Hours

Mon, Tues, Wed & Fri | 8am – 5pm Thursday | 9am – 5pm

Water Utilities Administration

561.586.1710

<http://www.lakeworth.org/utilities/water-systems/>

Brian Shields, P.E. Water Utilities Director
BShields@lakeworth.org

Julie Parham, P.E. Water Utilities Engineer
JParham@lakeworth.org
561.586.1798

Timothy Sloan, Water Plant Supervisor
tsloan@lakeworth.org
561.586.1710

Judy Love, Water Systems Supervisor
jlove@lakeworth.org
561.586.1719

Melvin Pinkney, Water Plant Chief Operator Specialist
mpinkney@lakeworth.org
561.586.1713

Bill Basante, Sewer Collection Foreman
bbasante@lakeworth.org
561.586.1719

Jessie Barrera, Water Distribution Foreman
jbarrera@lakeworth.org
561.586.1719

Dave Laperna, Lift Station Foreman
dlaperna@lakeworth.org
561.586.1719

Building Permit Applications:

<http://www.lakeworth.org/business/permits/>

1900 2nd Avenue North
Lake Worth, FL 33461
561.586.1647
Mon-Fri | 8am-4pm
bpermits@lakeworth.org

Luis Martinez, Building Official
lmartinez@lakeworth.org

Public Services Administration

<http://www.lakeworth.org/residents/public-services/>

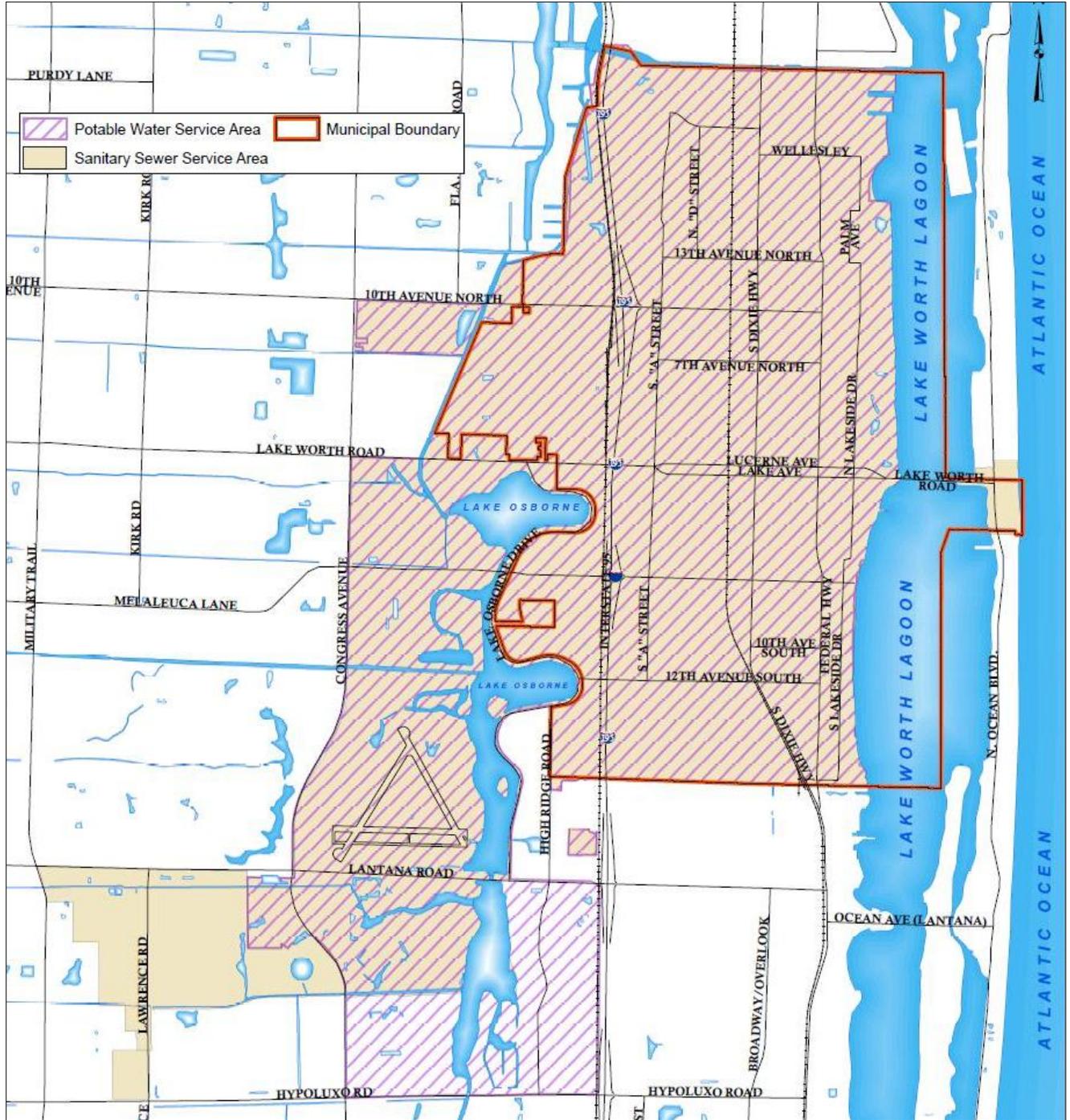
1749 3rd Avenue South
Lake Worth, FL 33460
561.586.1720
Mon-Fri | 8am-5pm

Jamie Brown, Public Services Director
jbrown@lakeworth.org

Felipe Lofaso, Assistant Public Services Director
flofaso@lakeworth.org

Robert Madoo, Project Manager
RMadoo@lakeworth.org

UTILITY SERVICE AREA MAP



FEE SCHEDULE

The following fees are part of the city's integrated fee system, adopted by the city commission, and copied here for convenience.

Building Department to collect the following fees for properties within City Limits, and Customer Service to collect for properties outside City Limits:

1. Reserved Capacity Charges: These fees are paid to the building department at the time of building permit issuance. Equivalent Residential Unit (ERU) shall be defined in accordance with the WUPP.

Water Capacity Charge: per ERU	\$ 3,416.00
Sewer Capacity Charge: per ERU	\$ 2,650.00

Meter Size	# of ERUs
5/8" x 3/4"	1
1"	2.5
1-1/2"	5
2"	10
3"	20
4"	40
6"	80

Customer Service to collect the following fees:

2. Meter Set and Tap (Connection) Fees: These fees are paid to Customer Service at the time of a meter application. Sizes not shown shall be based on actual costs determined by the City.

Meter Size	Meter Set Only	Tap and Meter Set
3/4"	\$241.50	\$1,360.00
1"	\$336.00	\$1,486.00
1 1/2"	\$546.00	\$2,226.00
2"	\$788.00	\$2,473.00

Cancellation fee: \$25 minimum, or actual expense.

3. Sanitary sewer lateral and tap Fee:	\$ 2,500.00
4. Temporary Hydrant Meter: Deposit	\$ 525.00
Activation Fee	\$ 35.00
Application Fee	\$ 17.00
Minimum Charge per month	\$ 68.00
5. Backflow Device Administrative Fee, per year	\$ 25.00
6. Backflow Device Tester Registration Fee	\$ 50.00
7. Cross connection involving a private water system, which is a health hazard, per day.	\$ 1,000.00
8. Cross connection involving a private water system, which is not a health hazard, per day.	\$ 500.00
9. Failing to test or maintain backflow prevention assemblies, as required, per violation.	\$ 500.00
10. Unmetered Fire Line Inspection Charge, prior to operation.	\$ 210.00
11. Industrial wastewater discharge permit application and renewal fee, per five years.	\$ 500.00
12. Industrial Pretreatment waste surcharge fee (IWS), per month	
$IWS = 8.34 (V)(\$X(BOD-400)+\$Y(TSS-400)+\$Z(FOG-100))$	
IWS = monthly industrial surcharge rate, \$	
V = volume of industrial flow per month in million gallons, based on metered water	
BOD = Biological Oxygen Demand in mg/l	
TSS = Total suspended Solids in mg/l	
FOG = Fats, Oils and Grease in mg/l	
X, Y, Z = Excess Costs per pound of stated Pollutants	
X = \$0.40/lb	
Y = \$0.40/lb	

Z = \$7.30/lb

13. Industrial discharger enforcement fines:	\$ -
(a) Failure to comply with 24 hour notification, per occurrence	\$ 100.00
(b) Failure to comply with Notice of Violation (NOV), per occurrence	\$ 150.00
(c) Continued failure to comply with NOV after 60 days, monthly	\$ 500.00
(d) Notice of Significant Violation (NOSV), per occurrence	\$ 500.00
(e) Continued failure to Comply with NOSV after 60 days, monthly	\$ 1,000.00
(f) Notice of monthly fine (NMF), monthly	\$ 2,000.00
13. Fats, Oils and Grease Permit Application and Renewal Fee, per year.	\$ 100.00
14. Fats, Oils and Grease waste surcharge fee (FOG), per month	\$ 100.00
15. Water and Sewer Utility Site Plan Review Fee	
0 - 2 Acres	\$ 200.00
3 - 10 Acres	\$ 400.00
> 10 Acres	\$ 600.00
16. Annual private sewer system inspection fee	
Gravity sewer system, per manhole	\$ 25.00
Private Lift Station	\$ 100.00

Public Services

Site Plan Review Fees

A.	Initial Site Plan Review:	
	a). Site Plan Hardscape (Streets, Sidewalks, Curb Cuts, Demolition, Storm Drainage, Dumpster Enclosure, Utility Easements)	\$325 Application Fee
	b). Site Plan Landscape	\$150 Application Fee
B.	Public Services 2 nd Review	No Charge
C.	Public Services 3 rd Review	\$100
D.	Public Services 4 th and Subsequent Review	\$200
E.	Sidewalk Café Initial Review	\$150
F.	Maintenance of Traffic (MOT) Plan Review (Up to two reviews)	\$105

General Permit Application Fees

Calculated at 3% of value of work described on application or minimum values listed below for each type, whichever is greater.

A.	Initial Permit Application and Review:	
	a). Commercial Hardscape	\$150 Permit Fee
	b). Residential Hardscape	\$80 Permit Fee
	c). Commercial Landscape	\$100 Permit Fee
	d). Residential Landscape	\$80 Permit Fee
B.	Public Services 2 nd Review	No Charge
C.	Public Services 3 rd Review	\$100
D.	Public Services 4 th and Subsequent Review	\$200
E.	Sidewalk Café permit (per Square Foot)	\$4
F.	Roadway Closure/ Obstruction (Per linear-foot per day)	\$0.35
G.	Sidewalk Closure/ Obstruction (Per linear-foot per day)	\$0.35

Public Services Inspection and Re-inspection Fees

A.	First Technical Inspection	No Charge
B.	First Technical Failed Inspection	No Charge
C.	Second Failed Inspection without corrections	\$50
D.	Third and Subsequent inspection without corrections	\$200
E.	Unproductive Inspection	\$50
F.	Unscheduled Inspection	\$50
G.	After Hours Inspection	\$75

Right of Way/ Public Utility Easement Fees

A.	Right of Way Easement (contractors, developers, owners)	\$150
B.	Right of Way Easement - Public Utility (public utility service providers)	\$150

Right of Way Use Fees

A.	Right of Way Use Initial Permit Review	\$25
a).	Short term: not to exceed 30 days may be renewed up to 3 times	\$25
b).	Long Term: Right of Way use to be determined during permitting process	\$40

APPLYING FOR A UTILITY SERVICE

RESIDENTIAL CUSTOMERS

CHECKLIST TO SET UP NEW SERVICE

- ✓ COMPLETED APPLICATION
- ✓ LEASE / CLOSING PAPERS/ DEED
- ✓ DRIVER'S LICENSE / LEGAL PHOTO ID
- ✓ FEES

COMMERCIAL CUSTOMERS

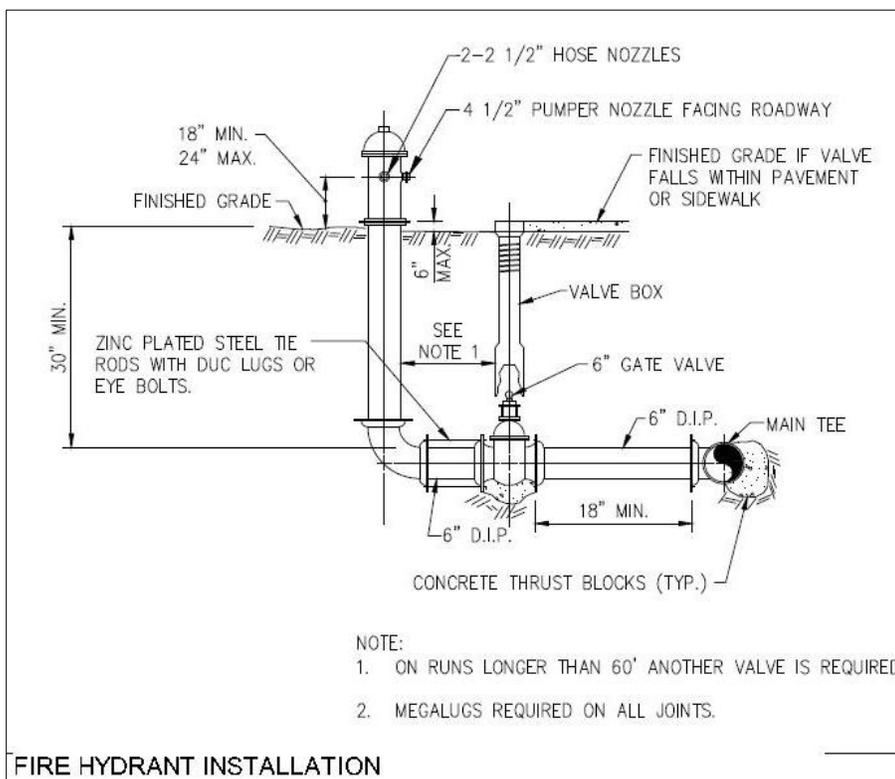
CHECKLIST TO SET UP NEW SERVICE

- ✓ COMPLETED APPLICATION
- ✓ LEASE / CLOSING PAPERS/ DEED / ARTICLES OF INCORPORATION TO INCLUDE AUTHORIZED CONTACTS
- ✓ DRIVER'S LICENSE / LEGAL ID
- ✓ FEES

WATER IMPROVEMENTS FOR NEW SUBDIVISIONS

The design, construction and payment for all water and sewer improvements to provide service shall be in accordance with the following:

- In the case of a system to serve a subdivision, the developer must first submit to the City a preliminary plat showing all details of the topography thereon.
- In the case of a system to serve an existing lot or parcel for which a subdivision plat is not required, the developer must submit a preliminary site plan showing the improvements proposed and all details of the topography thereon.
- Upon receipt of said preliminary subdivision plat or site plan, the Utility will, after reasonable time for study thereof, advise the developer as to the availability of a water main. If the developer desires to proceed with providing water to his property, he shall submit a written application to the city notifying the City and informing the City of the licensed engineering firm that will handle the design and construction of said water improvements.
- The applicant shall be responsible for the total cost of construction of said improvement, which consent shall be evidenced by the applicant's depositing of a construction bond in accordance with the right-of-way permitting requirements in this chapter.



- **Fire Hydrants.**

- **All water main extensions** in City streets or rights-of-way shall be sized to provide for adequate fire flow from hydrants located on the main extension.

(1) All fire hydrants shall be conveyed to the city as part of the approved instrument of dedication; and all costs of, maintenance and operation of fire hydrants, after acceptance of such dedication, shall be the responsibility of the city.

(2) Each hydrant shall be capable of delivering not less than 1000 gpm with a residual pressure of not less than 20 psi.

(3) Fire hydrant branches (from main to hydrant) will be not less than six inches in diameter and as short as possible with a maximum of 300 feet. Each branch will be individually gate valved.

- The applicant shall bear all costs for the acquisition of any easements that the city shall deem necessary to furnish the service requested by applicant.
- The developer will have constructed the required improvements consistent with plans and specifications approved by the city.
- Upon completion of the project the applicant shall convey to the city the improvements and any appurtenances thereto by an appropriate instrument recordable in the public records of Palm Beach County. The city shall have the responsibility of maintaining every facility constructed and installed under these provisions.

Easements and Rights-of-Way

The owner/developer has sole responsibility for providing all necessary utility easements to the City. These easements must be provided with the current record property owner(s) as Grantor and the City as Grantee. An easement survey plat is required to describe the easement area and physical elements being conveyed.

WATER SERVICE INSTALLATION REQUIREMENTS

Connections to the Existing System

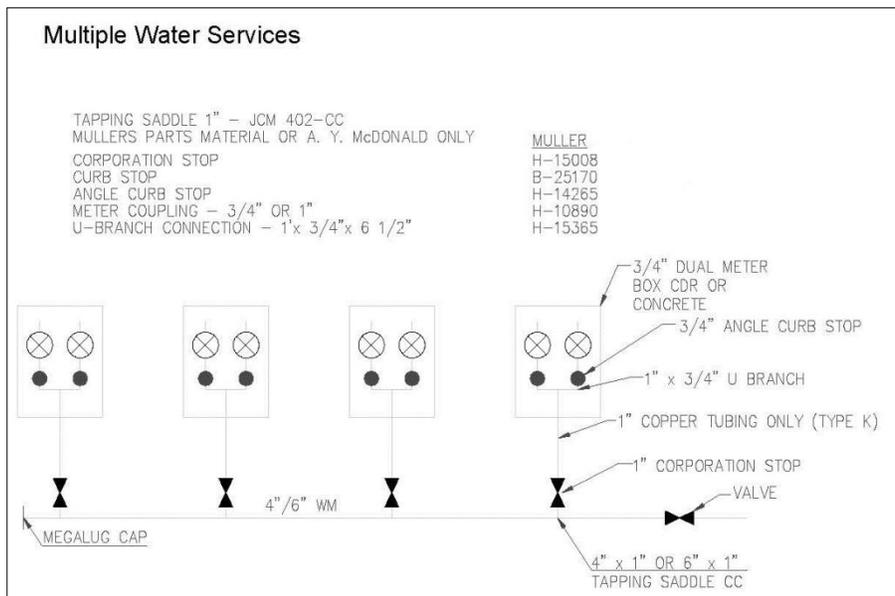
System Operation: Operation of the existing City of Lake Worth system must, at all times, remain under the control of the Utilities Department. The contractor shall not operate any valves or hydrants on the system without permission.

Connections: All points at which the existing water systems are to be disconnected and connected to the new mains must be shown on the approved drawings. All connections to the water system which are 2 inches or smaller shall be made by the City or its agents. All private water fire lines or sanitary sewer laterals intended to be connected to the City Water or Sewer Systems respectively, shall not be constructed without a written permit issued by the building official with endorsement from the Water and Sewer Utility Department. All connections made by private entities in accordance with a City permit shall be made by contractors approved by the Department

Utility Service Interruptions: The contractor shall take all precautions necessary to minimize interruption of all utility services and shall be responsible for the restoration of the affected service. The contractor shall schedule existing valve locates with the Director at least 3 days before scheduling a shutoff.

Customer Notification: Unless otherwise specified, at any time a customer on the existing system shall be deprived of a supply of water, the contractor shall advise such customer in writing 48 hours in advance of when the supply shall be disconnected and reestablished.

Water Services

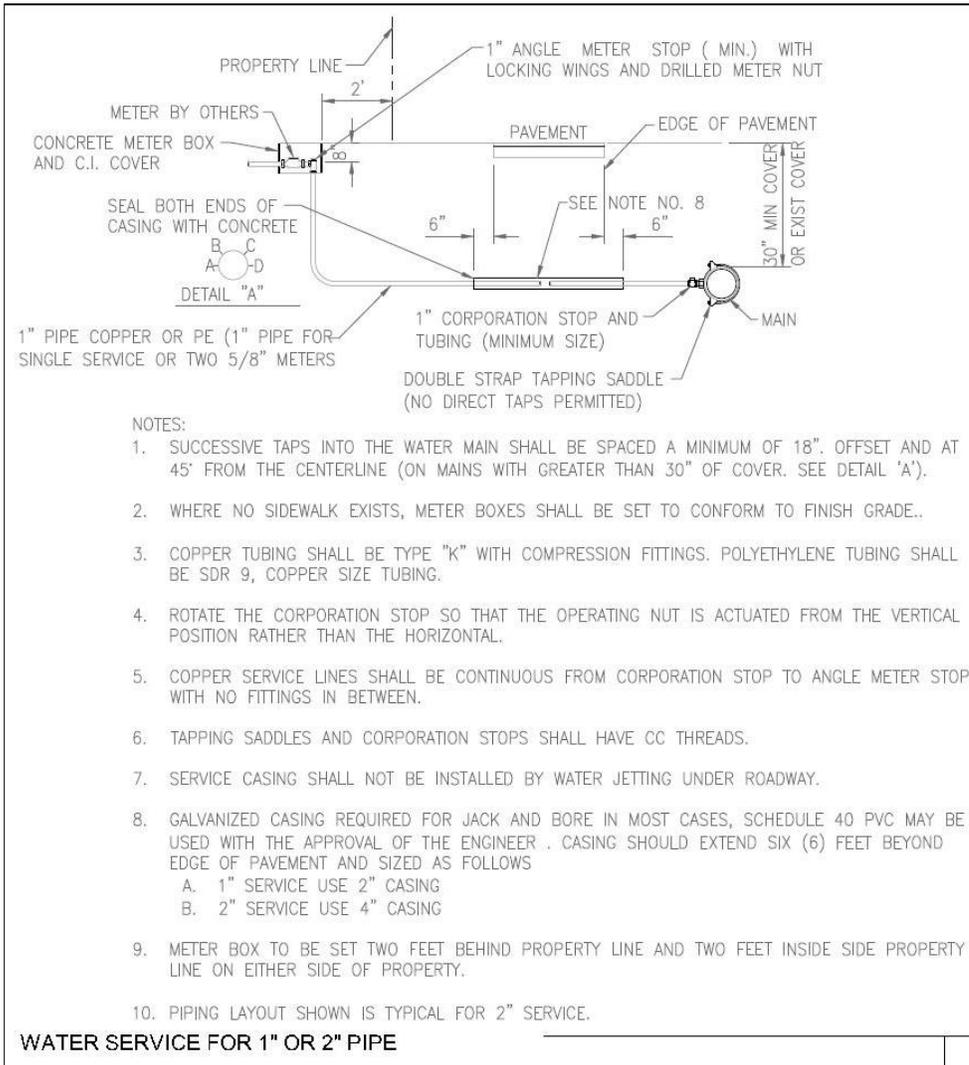


Service line size and material type located on the customer's property shall be determined under the purview and approval of the Plumbing Inspector in the City's Building Division. Service line size and material type for service lines in City rights-of-way or utility easements shall be determined by the Director.

Water Meters: Water services shall include the installation of a properly sized meter. All meters shall be furnished and installed by

the Water Utilities Department upon the application of any owner or responsible party for utility service and payment of the minimum service charge. All meters furnished and/or installed shall be and remain subject to the absolute and exclusive control of the Department.

Separate Services to Lots: All platted lots, whether existing or proposed as part of a subdivision, shall front on and have a separate water service connection to a distribution main without crossing adjacent lots.



Service Alignment: When the water service is located in the public right-of-way or easement, the service shall be installed perpendicular to the distribution main, up to and including the meter. Where this is not possible, the water service alignment shall be subject to the determination of the Water Utilities Director.

Water services are subject to the requirements of this manual and the Florida Building Code.

Separate Services to Structures: Each principal structure shall be served by a separate water service line and meter connected to the distribution main. Where more than one principal structure is proposed on a single lot, an additional water service line and meter shall be required for each additional principal structure.

Accessory Buildings: An accessory building or structure may draw limited service from a principal building or structure without a separate water service if it meets one of the following:

- Sink (one fixture)
- Clothes washer connection (one set)
- Hose bib or sill cock (one fixture)
- Floor drain (one fixture), and
- Sewer interceptor (one fixture)
- The accessory structure has a sink and toilet, but contains no bathtub/shower fixtures, and shall not be used as a separate dwelling unit, and is located on a property that cannot be further subdivided into separate lots.

Services Crossing Lots: Domestic water services crossing one lot to provide service to an adjacent lot may be approved if all of the following conditions are met:

The service crossing is part of a proposed subdivision creating only two lots.

A utility easement at least 15 feet wide is provided across, and situated entirely within, the boundaries of the proposed subdivision. The water service line shall be centered in the easement shall meet City of Lake Worth separation criteria. See figure below.

<p>HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATERMANS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES AND ON SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.</p> <ol style="list-style-type: none"> 1. NEW OR RELOCATED UNDERGROUND WATERMANS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATERMAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED SEWER, STORMWATER FORCEMAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 2-610, F.A.C. 2. NEW OR RELOCATED UNDERGROUND WATERMANS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATERMAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER. 3. NEW OR RELOCATED UNDERGROUND WATERMANS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATERMAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY OR PRESSURE TYPE SANITARY SEWER, WASTEWATER FORCEMAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION BETWEEN WATERMANS AND GRAVITY TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATERMAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER. 4. NEW OR RELOCATED UNDERGROUND WATERMANS SHALL BE LAID TO PROVIDE A MINIMUM HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATERMAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED 'ON SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM' AS DEFINED IN SECTION 381.0065(2), F.S. AND RULE 64E-6.002, F.A.C. <p>VERTICAL SEPARATION BETWEEN UNDERGROUND WATERMANS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCEMANS, AND RECLAIMED WATER PIPELINES.</p> <ol style="list-style-type: none"> 1. NEW OR RELOCATED UNDERGROUND WATERMANS CROSSING ANY EXISTING OR PROPOSED GRAVITY OR VACUUM TYPE SANITARY OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATERMAIN IS AT LEAST SIX INCHES, AND PREFERABLY TWELVE INCHES ABOVE, OR AT LEAST TWELVE INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATERMAIN ABOVE THE OTHER PIPELINE. 2. NEW OR RELOCATED UNDERGROUND WATERMANS CROSSING ANY EXISTING OR PROPOSED PRESSURE TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPE LINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATERMAIN IS AT LEAST TWELVE INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATERMAIN ABOVE THE OTHER PIPELINE. 3. AT THE UTILITY CROSSING DESCRIBED IN PARAGRAPH 1 AND 2 ABOVE, ONE FULL LENGTH OF WATERMAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATERMAIN JOINTS SHALL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATERMAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM TYPE SANITARY SEWER, STORM SEWERS, STORMWATER FORCEMANS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY OR PRESSURE TYPE SANITARY SEWERS, WASTEWATER FORCEMANS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER III 62-610, F.A.C. 	
WATER AND SEWER SEPARATION CRITERIA	4

Irrigation Services

Separate Service: All irrigation services shall have a separate service line and meter.

Property to be Served: Irrigation service lines shall serve no more than one individual property, unless approved by the Director under the provisions of a homeowners association. Where irrigation services serve more than one individual property, the Reserve Capacity Fee and associated credit shall apply to the individual property where the water meter is located and the service originates.

Building Connection Prohibited: Irrigation services shall not connect with any building or structure or with any other consumptive-use water service.

Reduced Pressure Assembly Required: All irrigation systems with a separate, metered service line shall have a reduced pressure principle assembly installed immediately after the meter.

Private Fire Lines:

- The property owner shall be responsible for installation up to the approved water source, and installation and maintenance of the fire line on owner's property shall be subject to inspection by the city. The property owner shall incur all costs related to installation of said fire line, including repair of sidewalks, streets, driveways, swale areas and the like.
- Owner/Contractor shall abide by requirements and specifications set forth by the city. Including, but not limited to the following conditions:
 - (1) Use for Fire Purposes Only. Except for extinguishing fires or testing fire equipment, no branch connection will be made on, or water taken from, a private fire service or a public or private fire hydrant without written permission from the Water Utilities Director.
 - (2) Fire services and automatic fire sprinkler systems (including residential) will be designed and installed in accordance with the provisions of the National Fire Protection Association (NFPA) Code and other applicable codes, including proper backflow protection, and will require separate fire and domestic service lines.
 - (3) Domestic water use may include residential life safety automatic sprinkler systems to one- and two-family dwelling units in accordance with the provisions of the National Fire Protection Association (NFPA) Code Section 13D, "Sprinkler Systems for One- and Two-Family Dwellings and Mobile Homes." The entire service will be metered. The meter will be sized for the minimum allowable flow demand per NFPA 13D. The water service will not be a fire service.
 - (4) All sprinkler systems and private fire services will be metered or equipped with a double detector check valve assembly or reduced pressure detector assembly with metered bypass. The type of meter will be determined by the Water Utility. A reduced pressure principle backflow preventer (BFP) must be installed on all new service lines to fire sprinkler systems with a Siamese connection.

- (5) Because of the danger of pollution, the fire line shall have no connection with any other source of supply with the exception in the case of a tank or fire pump installed as part of the fire system.
- (6) Double Detector Check. At the time of installation of the fire line, a double detector check assembly shall be installed by the property owner at the location designated by the city. There shall be at a minimum an assembly installed at each connection to the city's system to prevent water from the fire system running back into the city mains. Said double detector check shall be satisfactory to the insurance companies, and also to the city; said double detector check shall be fitted with a by-pass, on which shall be set a meter, the purpose of which shall be to indicate whether or not water is being used through this connection and for the further purpose of showing any leakage, if same exists.
- (7) Property owners with private fire service lines located outside the corporate limits of Lake Worth shall comply in all respects with the requirements in this chapter.

Valve Requirements

Valve Locations: Valves shall be installed as necessary on distribution mains to ensure that:

No more than 600 feet of water main shall be located between isolation valve zones (i.e., sections of main that may be taken out of service for maintenance activities).

No more than two fire hydrants shall be located between isolation valve zones.

No more than three valves shall require closure to isolate any section of a distribution main. Two valves shall be installed at all tee-type connections, and three valves shall be installed at all cross-type connections.

Where possible, valves shall be aligned with extensions of property lines or right-of-way lines. Valves shall not be placed in locations that may be subject to routine parking or storage and shall not be placed within public sidewalks, multi-use paths, or within street bicycle lanes.

Valves shall be located to provide maximum accessibility for emergency access.

BACKFLOW PREVENTION REQUIREMENTS

Backflow Preventers Required

- Generally. The following new users of the city's water system shall install and maintain appropriate backflow prevention devices:
 - Any user having a fire line connected to the city's water system, with the backflow prevention device to be installed in the fire line.
 - Any user located in a building that is more than two (2) stories in height.
 - Any commercial or industrial user.
 - An approved backflow prevention device shall be installed on each service line to a customer's water system at or near the property line or immediately inside the building being served and, in all cases, before the first branch line leading off the service line, whenever the above conditions exist:
- High-Risk Users. It is recognized that certain existing users of the city's water system may pose a high risk to the system. Accordingly, the following existing users shall, within six (6) months of receipt of notice from the city, install and maintain appropriate backflow prevention devices; the type and size to be determined by the city:
 1. Nursing homes;
 2. Hospitals;
 3. Medical offices;
 4. Dental offices;
 5. Mortuaries;
 6. Funeral parlors;
 7. Restaurants;
 8. Sewage lift stations;
 9. Automobile paint shops;
 10. Automobile body shops;
 11. Radiator repair shops;
 12. Waterfront facilities;
 13. Veterinary establishments;
 14. Manufacturing and processing plants;
 15. Car washes;
 16. Chemical plants;
 17. Film laboratories;
 18. Laundries;
 19. Dry cleaning establishments;
 20. Pest exterminating companies;
 21. Automobile filling and service stations;

22. Schools with laboratories;
 23. Any commercial and industrial user handling, on a continuing or frequently recurring basis, corrosive, toxic, infectious, radioactive or other substances that would be a health hazard if they entered the drinking water supply;
 24. Any user located in a building that is more than two (2) stories in height; and
 25. Any user having a fire line connected to the city's water system, with the backflow prevention device to be installed in the fire line.
- Exemption for single-family structures. Single-family structures are exempt from the above requirements unless the city determines that a special health hazard exists.
 - Type and size of required device. The type and size of each required backflow prevention device will be determined by the city.
 - Grounds for termination of water service. The failure of a user of the city's water system to install or maintain backflow prevention devices as provided in this article will be grounds for termination of water service. In the case of an immediate hazard to the public health, water service may be terminated without notice, but upon request, the user will be entitled to a prompt hearing to determine the propriety of the termination.

Permit Required

All backflow preventers shall be installed under a plumbing, mechanical or fire permit obtained from the City of Lake Worth Building Official.

9.7 Backflow Protection Device Testing.

- It shall be the duty of the customer-user at any premises where backflow prevention devices are installed, to have certified inspections and operational tests made at least once per year. These inspections and tests shall be at the expense of the customer and shall be performed by the device manufacturer's representative, by a certified tester or plumber approved by the state for such purpose.
- If a user of the city's water system fails to have a required backflow prevention device tested within thirty (30) days of receipt of notice from the city, the city may issue a second notice to have the device tested.

Customer Responsible for Expense

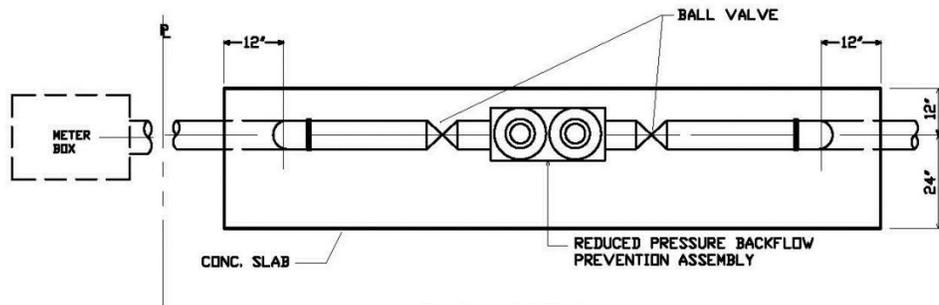
Water customers, at their own expense, shall prepare plans and shall obtain a permit for the required backflow preventer.

Approved Installers

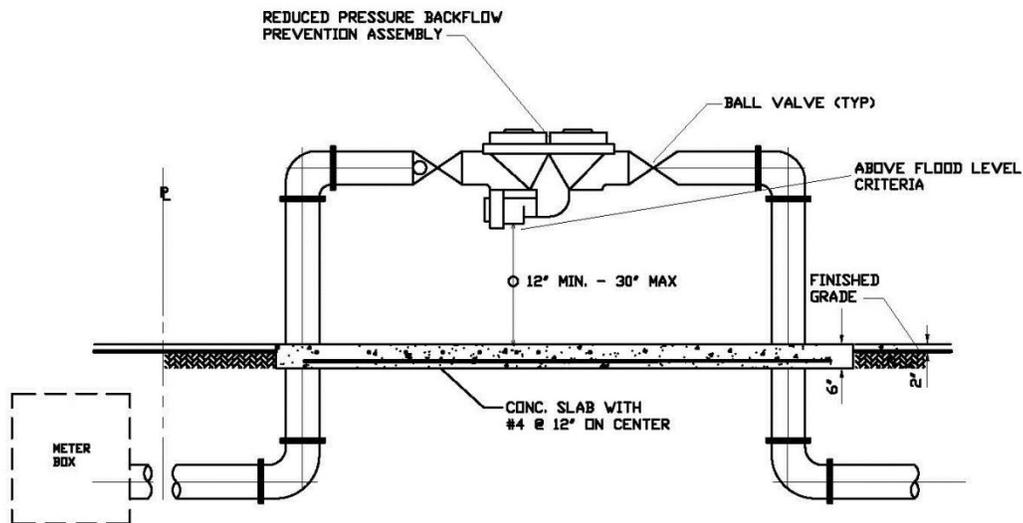
The backflow preventer installer must be a validly licensed contractor possessing a certificate of competency appropriate for the preventer type and location involved.

For further information on the City of Lake Worth policies on backflow and cross connection prevention, refer to the *City of Lake Worth Water and Sewer Department Cross Connection Control Manual*.

REDUCED PRESSURE ZONE BACKFLOW PREVENTOR FOR WATER SERVICE 3/4" THRU 2"



PLAN VIEW

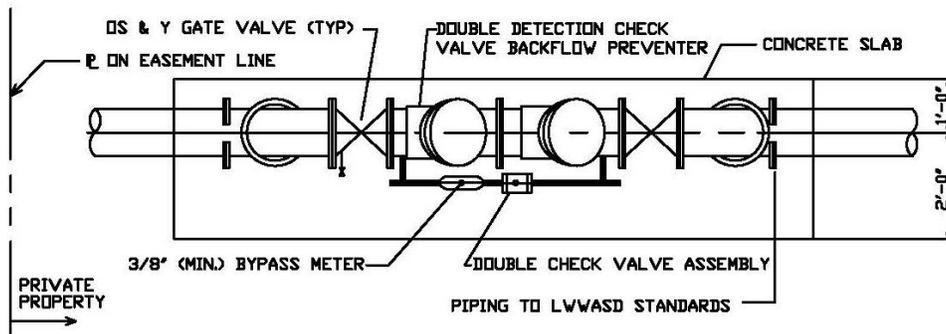


ELEVATION VIEW

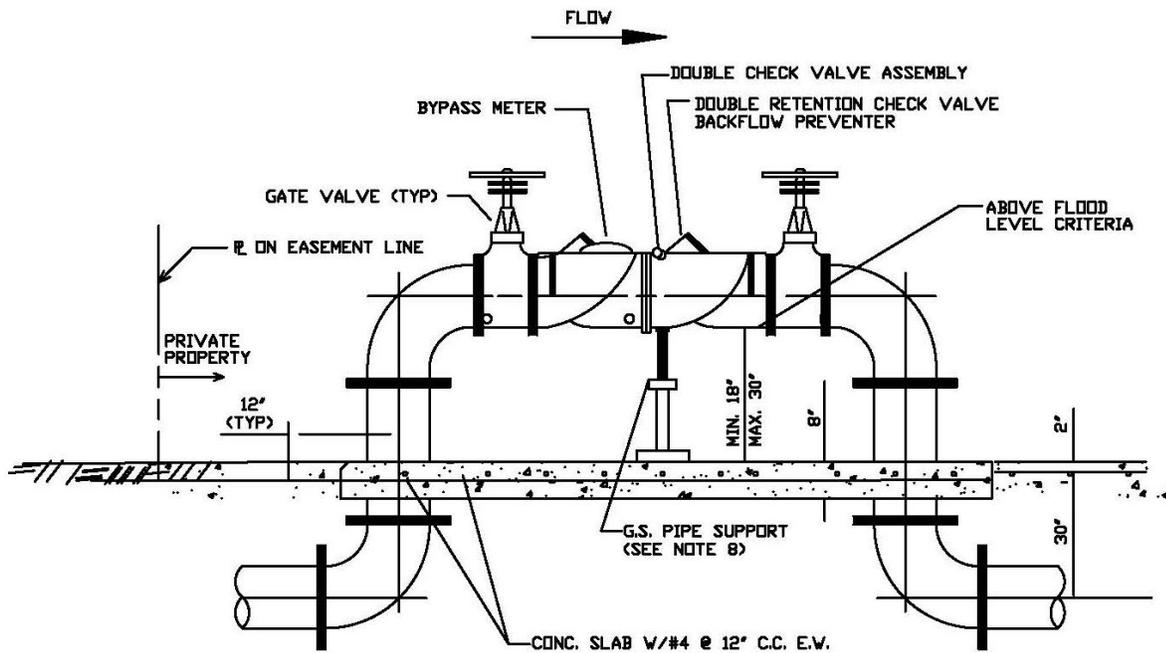
NOTES:

1. THE ASSEMBLY SHALL BE INSTALLED WITH MINIMUM HORIZONTAL CLEARANCES OF 24 INCHES FREE FROM OBSTRUCTIONS IN ALL DIRECTIONS.
2. GUARD POSTS SHALL BE INSTALLED IF THE ASSEMBLY IS EXPOSED TO POSSIBLE DAMAGE FROM VEHICULAR TRAFFIC, AS DETERMINED BY THE DEPARTMENT.
3. THE ASSEMBLY SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION, APPROVED BY THE DEPARTMENT
4. ADJUSTABLE PIPE SADDLE SUPPORT (GRINNELL FIG. 264, OR EQUAL) SIZED TO FIT CURVATURE OF DOUBLE DETECTOR CHECK VALVE ASSEMBLY, WITH GALVANIZED STEEL PIPE AND FLOOR FLANGE. ATTACH FLOOR FLANGE TO CONCRETE SLAB WITH GALVANIZED EXPANSION BOLTS.
5. THE DEPARTMENT SHALL HAVE UNRESTRICTED AND CONTINUOUS ACCESS TO THE BACKFLOW PREVENTION ASSEMBLY.
6. PIPING 2" AND SMALLER SHALL BE SCHEDULE 40 BRASS OR TYPE K COPPER PIPE WITH FITTINGS. PIPING 2 1/2" AND LARGER SHALL BE DUCTILE IRON PIPE WITH FLANGED FITTINGS. ALL PIPING SHALL BE IN ACCORDANCE WITH WASD CONSTRUCTION SPECIFICATIONS FOR POTABLE WATER MAINS, PVC PIPING IS NOT ACCEPTED BY WASD
7. ALL OUTLETS SHALL BE PLUGGED WITH BRASS PLUGS.
8. ALL ABOVE GROUND PIPING AND EQUIPMENT, EXCEPT FOR BRASS AND STAINLESS STEEL PORTIONS, SHALL BE FINISHED WITH LEAD FREE RED ENAMEL PAINT
9. COPPER ALLOY MATERIALS SHALL BE "LEAD FREE" AND IN FULL COMPLIANCE WITH THE FEDERAL "REDUCTION OF LEAD IN DRINKING WATERACT".

DOUBLE DETECTOR CHECK VALVE ASSEMBLY FOR FIRELINE SERVICE



PLAN VIEW



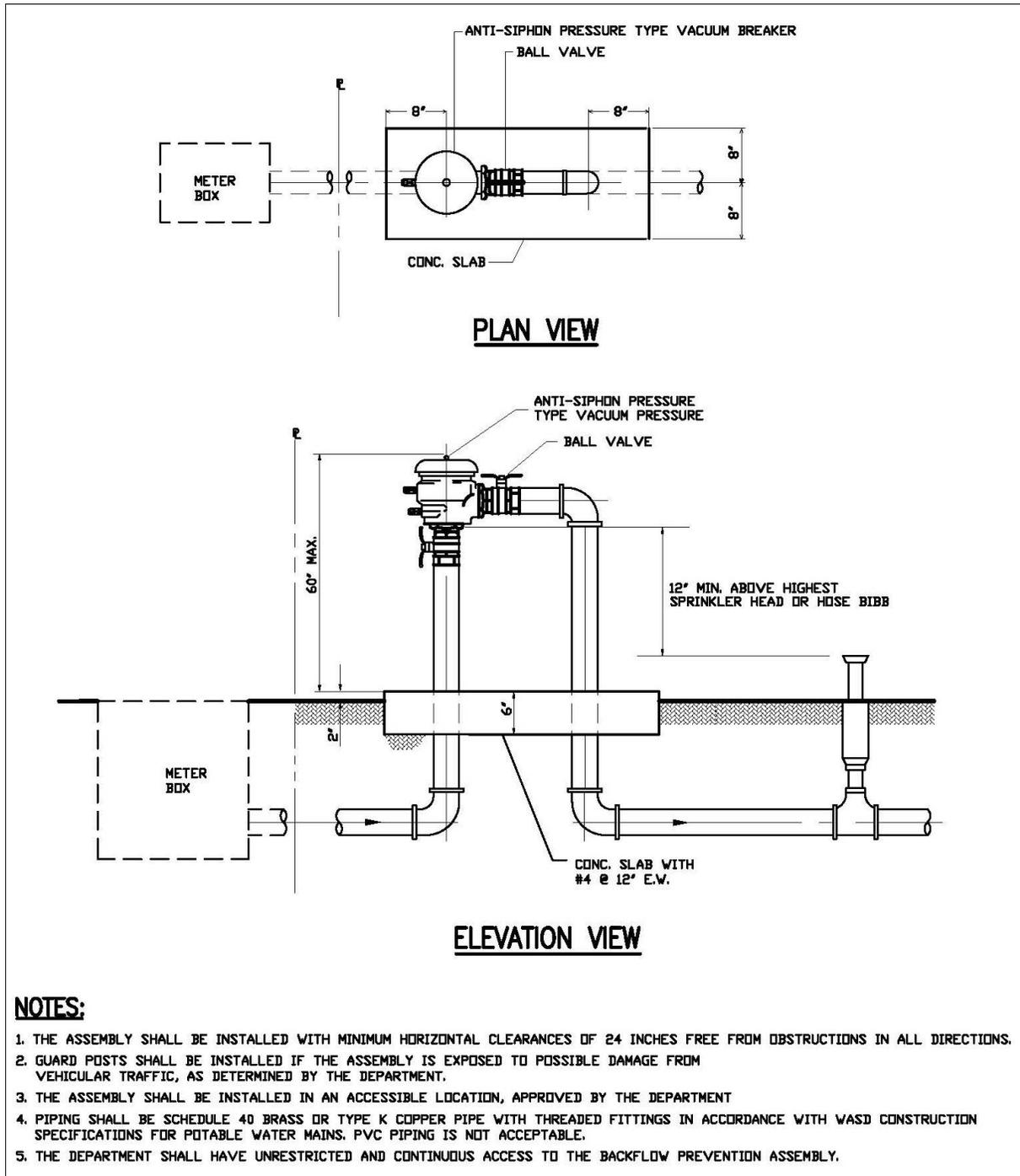
ELEVATION VIEW

NOTES:

PIPING SHALL BE DUCTILE IRON PIPE WITH FLANGED FITTINGS, IN ACCORDANCE WITH LWASD "CONSTRUCTION SPECIFICATIONS FOR DODIATION WATER MAINS".

1. THE ASSEMBLY SHALL BE INSTALLED WITH MINIMUM HORIZONTAL CLEARANCES OF 24 INCHES FREE FROM OBSTRUCTIONS IN ALL DIRECTIONS.
2. GUARD POSTS SHALL BE INSTALLED IF THE ASSEMBLY IS EXPOSED TO POSSIBLE DAMAGE FROM VEHICULAR TRAFFIC, AS DETERMINED BY THE DEPARTMENT.
3. THE ASSEMBLY SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION, APPROVED BY THE DEPARTMENT
4. ALL JOINTS SHALL BE FLANGED OR RESTRAINED IN ACCORDANCE WITH DEPARTMENT STANDARDS.
5. ALL ABOVE GROUND PIPING AND EQUIPMENT, EXCEPT FOR BRASS AND STAINLESS STEEL PORTIONS, SHALL BE FINISHED WITH LEAD FREE RED ENAMEL PAINT.
6. FOR RETROFIT PROJECTS, REPLACE THE EXISTING SINGLE CHECK VALVE WITH A SPOOL PIECE AND INSTALL A NEW DOUBLE DETECTOR CHECK VALVE ASSEMBLY WITHIN PRIVATE PROPERTY.
7. ADJUSTABLE PIPE SADDLE SUPPORT (GRINNELL FIG. 264, OR EQUAL) SIZED TO FIT CURVATURE OF DOUBLE DETECTOR CHECK VALVE ASSEMBLY, WITH GALVANIZED STEEL PIPE AND FLOOR FLANGE. ATTACH FLOOR FLANGE TO CONCRETE SLAB WITH GALVANIZED EXPANSION BOLTS.
8. THE DEPARTMENT SHALL HAVE UNRESTRICTED AND CONTINUOUS ACCESS TO THE DOUBLE DETECTOR CHECK VALVE ASSEMBLY.
9. ALL OUTLETS SHALL BE PLUGGED WITH BRASS PLUGS.

PRESSURE VACUUM BREAKER (IRRIGATION SYSTEM ONLY)



SEWER IMPROVEMENTS FOR NEW SUBDIVISIONS

Pump Station Construction

Where a pumping station is constructed by the developer to receive the gravity wastewater flow from a development, the developer shall either provide a City lift station or a private lift station for such purpose.

If the developer provides a City lift station, the design and construction of the pumping station shall be in accordance with city standards. The developer shall donate the pumping station to the city and pay all costs associated with pump station design and construction required to serve the proposed development including all future phases. The city may elect to pay oversizing costs, if required, to serve existing or future customers outside of the proposed development.

If the developer provides a private pumping station, the station shall be designed by a licensed professional engineer to be suitable for the service and shall be in accordance with the requirements of the PBCHU and FDEP. The developer shall provide the City with suitable assurances that the property owner will operate and maintain the pumping station for the life of the collection system at their expense.

3.3 Force Main Extension

Where force mains are constructed by the developer to extend wastewater service to a lot or development, the applicant for such wastewater service shall pay all costs associated with the force main needed to support the project. Sizing and routing of the force main will be determined by the city.

Construction and Permitting of Building Sewers

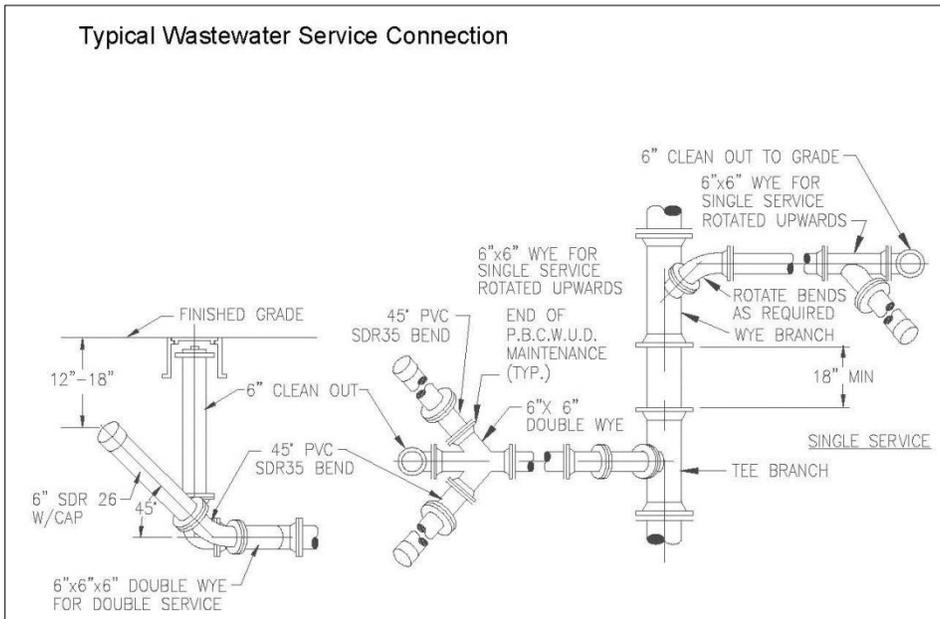
- Plans and specifications for building sewers and connections shall be submitted to the building official for approval by the Director prior to the issuance of a city permit.
- House sewers from buildings shall be connected to the public sewers only at such service connection as may be designated in the permit. The work of connecting existing sewers to city sewers in conformance with City of Lake Worth approved plans must be performed by a duly licensed master plumber. No person other than designated city employees or a duly licensed master plumber shall tap, cut into, or break open any public sewer mains or lines, unless approved by the Director in writing.
- All costs and expenses incidental to the installation of connection of the building sewer shall be borne by the owner. The owner shall indemnify the city from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer and connection.
- No person shall connect roof downspouts, foundation drains, areaway drains, or other sources of surface runoff or groundwater to a building sewer or building drain which in turn is connected directly or indirectly to the POTW.

- The connection to the building sewer into the public sewer shall conform to the requirements of the FBC or other applicable rules and regulations of the Water Utilities Department. All such connections shall be made gas-tight and water-tight and verified by the proper testing.
- If sewers are not available for connection because of insufficient capacity, the city, at the customer request or by own choice, may upgrade the system when and if such upgrade is not detrimental to the system. The City shall then require the customer to connect to the sewer system. The customer shall pay the city for required connection fees to reimburse the city for costs incurred to make sewers available to him.

SEWER SERVICE INSTALLATION REQUIREMENTS

Connection to an Existing Sewer Main Gravity Main Extension

Where gravity mains are required to be constructed by the developer to extend wastewater service to a lot or development, which does not have an existing building, the property owner for properties receiving such wastewater service shall pay all costs associated with the gravity main needed to support the project. Sizing and routing of the gravity main will be determined by the city.



Connect new mains to existing at existing manholes or by constructing a new manhole over the point of connection.

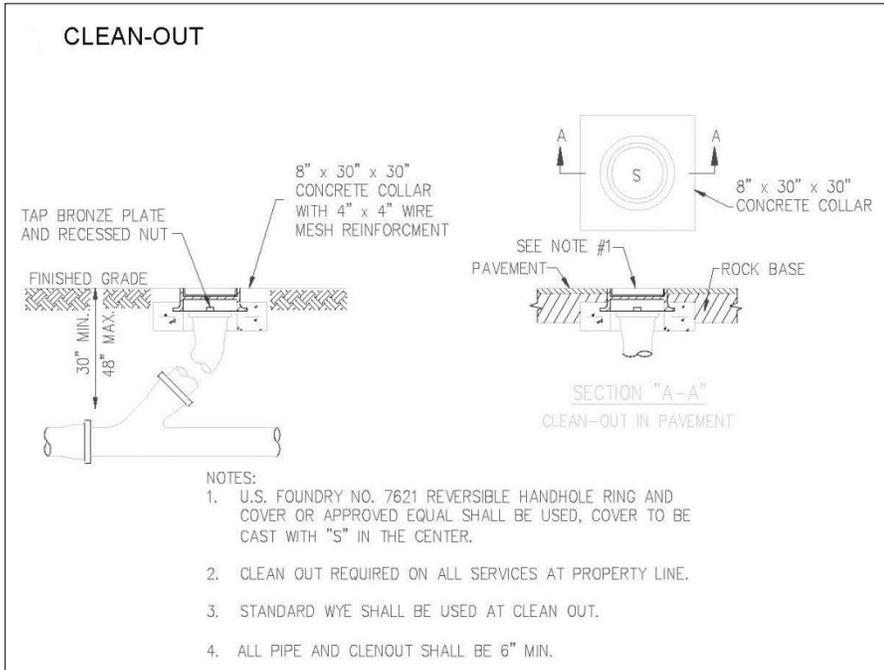
Where an existing sewer main is to be extended, remove the existing plug, install a new manhole, or core-drill a new inlet into an existing manhole. A main may not be extended without tying into a manhole structure.

Where laterals are the same size as the main, connection must be made with a manhole. Use a wye for all other lateral connections, except as modified below.

For lateral connections to existing mains 12" and larger, use taps and saddles.

Up to 2 joint trenched sewer laterals may be connected to the main using wyes at least 1 foot apart. (Taps or saddles where allowed must be a minimum 1 foot apart.)

4 Service Line Clean-Out



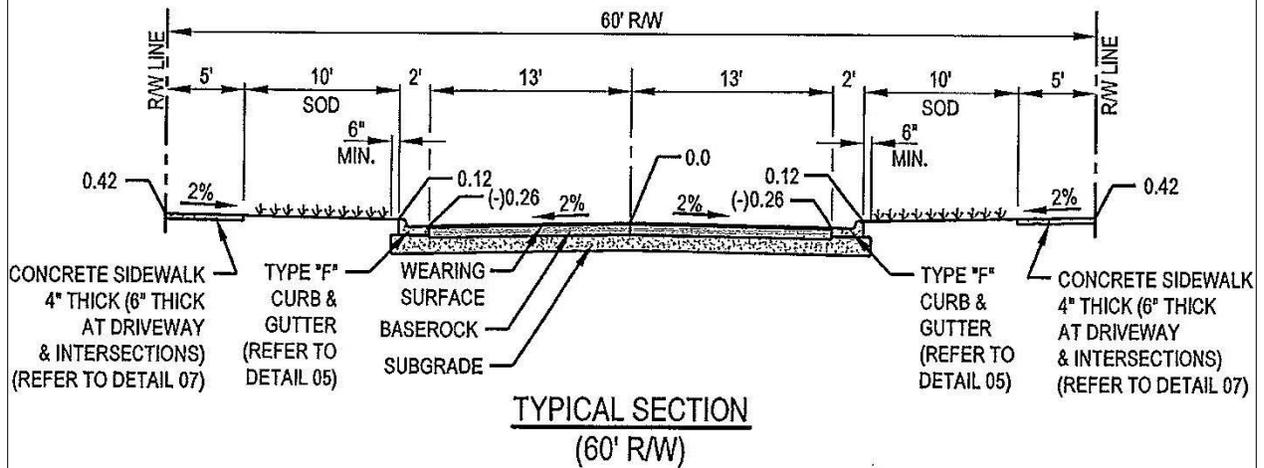
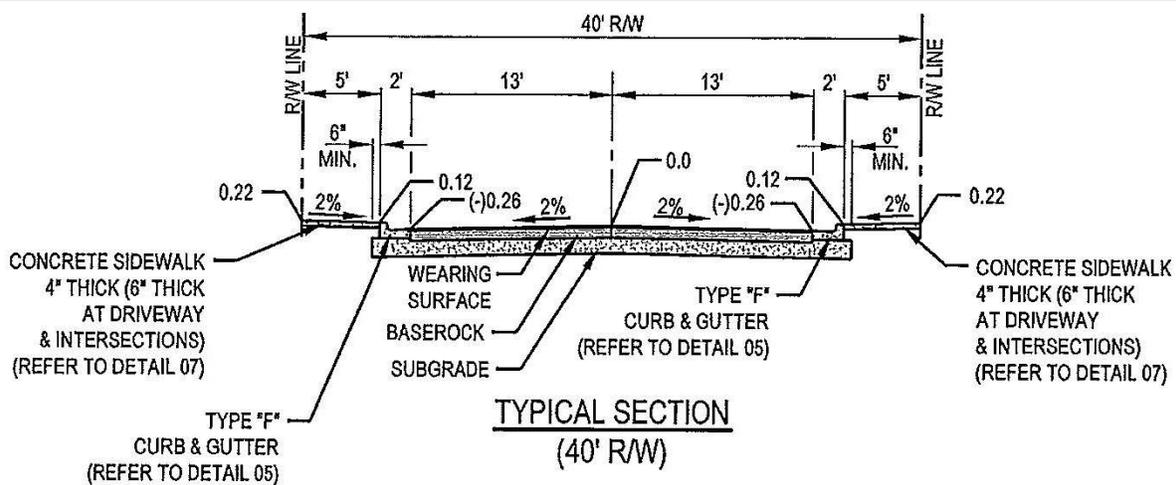
- A clean-out for the servicing of sewer systems attached to improvements on private property shall be located on such private property at the edge of such property line. The top of such clean-out section housing the sealed opening shall be brought to, but not above, grade level.

- This section shall apply only to new sewer connections being placed onto any private property subsequent to the approval of these policies and procedures by resolution of the City Commission.

PUBLIC SERVICES APPROVED SPECIFICATIONS

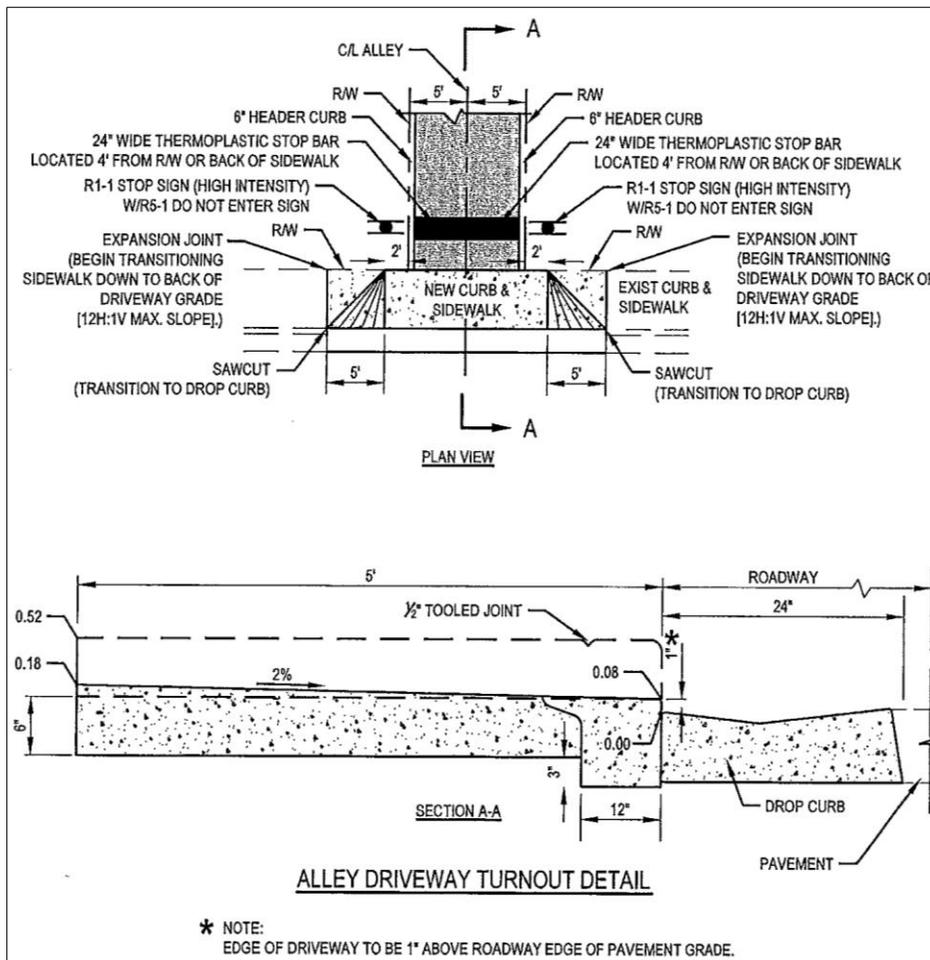
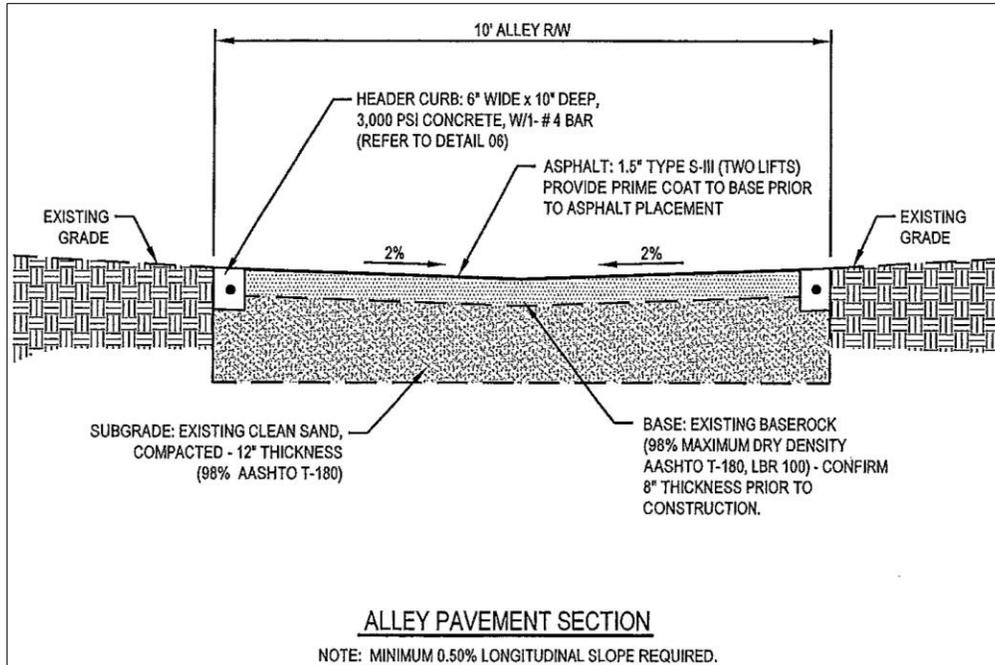
GENERAL NOTES

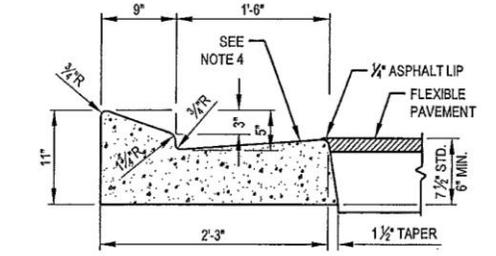
1. EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND "SUNSHINE STATE ONE CALL OF FLORIDA, INC." TO LOCATE ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA PRIOR TO CONSTRUCTION. CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES DURING CONSTRUCTION AND RESETTling UTILITIES TO NEW GRADE AND SLOPE WITHIN THE LIMITS OF CONSTRUCTION.
2. SAFETY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE PROVISIONS OF THE FLORIDA TRENCH SAFETY ACT, THE FLORIDA UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT, AND ALL APPLICABLE O.S.H.A. REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ALL NECESSARY PRECAUTIONS WHEN WORKING IN THE VICINITY OF OVERHEAD ELECTRIC LINES.
3. MAINTENANCE OF TRAFFIC. CONTRACTOR SHALL PROVIDE MAINTENANCE OF TRAFFIC (MOT) PLANS, PREPARED BY A WORK SITE TRAFFIC SUPERVISOR AS CERTIFIED BY THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION, PRIOR TO COMMENCING CONSTRUCTION WITHIN CITY OF LAKE WORTH RIGHT-OF-WAY.
4. ACCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SAFE VEHICULAR AND PEDESTRIAN ACCESS AT ALL TIMES.
5. WARRANTY. ALL WORK, MATERIALS, OR EQUIPMENT SHALL BE WARRANTIED FOR A MINIMUM OF ONE YEAR, FROM THE DATE OF FINAL ACCEPTANCE BY THE CITY OF LAKE WORTH, AGAINST DEFECTIVE MATERIALS AND/OR WORKMANSHIP. ALL WORK FOUND TO BE DEFECTIVE WILL BE REPLACED BY THE CONTRACTOR AT NO EXPENSE TO THE CITY OF LAKE WORTH.
6. SHOP DRAWINGS. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF SEVEN (7) COPIES (OR MORE, IF REQUIRED) OF SHOP DRAWINGS, PRODUCT DATA, MATERIAL SPECIFICATIONS AND OTHER INFORMATION REGARDING CONSTRUCTION MATERIALS AND STRUCTURES AS REQUESTED BY THE ENGINEER OF RECORD OR THE CITY OF LAKE WORTH. SHOP DRAWINGS MUST BE NEWLY PREPARED INFORMATION, DRAWN TO ACCURATE SCALE. STANDARD INFORMATION PREPARED WITHOUT SPECIFIC REFERENCE TO THE PROJECT WILL BE RETURNED TO THE CONTRACTOR WITHOUT REVIEW. SHOP DRAWINGS SHALL BE SUBJECT TO THE FOLLOWING:
 - A. BY SUBMITTAL OF ANY SHOP DRAWING OR CATALOG DATA, BEARING AN APPROVAL STAMP, THE CONTRACTOR REPRESENTS THAT IT HAS DETERMINED AND VERIFIED ALL FIELD MEASUREMENTS, FIELD CONSTRUCTION CRITERIA, MATERIALS, DIMENSIONS, CATALOG NUMBERS AND SIMILAR DATA, OR WILL DO SO, AND THAT IT HAS CHECKED AND COORDINATED EACH ITEM WITH OTHER APPLICABLE APPROVED SHOP DRAWINGS AND THE CONTRACT REQUIREMENTS.
 - B. SHOP DRAWINGS AND CATALOG DATA SUBMITTED WITHOUT THE CONTRACTOR'S STAMP OF APPROVAL WILL BE RETURNED TO THE CONTRACTOR WITHOUT REVIEW. APPROVAL OF SHOP DRAWINGS, SAMPLES, OR CATALOG DATA BY THE ENGINEER OF RECORD OR THE CITY OF LAKE WORTH SHALL NOT AUTHORIZE ANY DEVIATION FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
 - C. ANY PROPOSED SUBSTITUTE OR EQUAL TO THE THAT SHOWN ON THE CONTRACT DOCUMENTS SHALL BE ACCOMPANIED BY CALCULATIONS SUBSTANTIATING EQUIVALENCY. SHOP DRAWINGS WITH SUBSTITUTE MATERIALS NOT ACCOMPANIED BY CALCULATIONS WILL BE RETURNED WITHOUT REVIEW.
 - D. THE CONTRACTOR SHALL CONFIRM COMPATIBILITY OF PIPE SLOPES AND INVERTS DURING THE SHOP DRAWING AND MATERIALS ORDERING PHASE OF THE PROJECT AND ADVISE THE ENGINEER OF RECORD IN WRITING OF ANY DISCREPANCIES.
 - E. INDIVIDUAL SHOP DRAWINGS FOR ALL PRECAST STRUCTURES ARE REQUIRED. CATALOG LITERATURE WILL NOT BE ACCEPTED FOR PRECAST STRUCTURES.
7. FIELD REVIEWS. THE CONTRACTOR SHALL PROVIDE NOTIFICATION, 48 HOURS (MIN.), PRIOR TO ANY REQUIRED FIELD REVIEWS OR INSPECTIONS AND SHALL SUPPLY ALL NECESSARY EQUIPMENT, LABOR, AND MATERIALS FOR INSPECTION AND/OR TEST. ALL WORK SHALL BE OPEN AND SUBJECT TO REVIEW AND/OR INSPECTION BY AUTHORIZED PERSONNEL OF THE CITY OF LAKE WORTH AND THE ENGINEER OF RECORD.
13. DENSITY TESTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY TESTING TO ENSURE THAT THE PROPER COMPACTION HAS BEEN ACHIEVED FOR ALL SUBGRADE, BASE MATERIAL, PIPE BASE MATERIAL, BACKFILL, & ALL OTHER AREAS WHERE COMPACTION REQUIREMENTS ARE SPECIFIED. ALL TEST RESULTS SHALL BE SIGNED & SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER AND COPIES SHALL BE PROVIDED TO THE ENGINEER OF RECORD AND THE CITY OF LAKE WORTH.
14. PERMITS. THE CONTRACTOR SHALL NOT COMMENCE CONSTRUCTION PRIOR TO RECEIPT OF ALL APPLICABLE PERMITS AND APPROVALS INCLUDING AN APPROVED MAINTENANCE OF TRAFFIC PLAN. THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE REQUIREMENTS OF THE PERMITS AND AGENCY APPROVALS.
15. EROSION CONTROL. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH FDOT INDICES 102, 103 AND 106, THE FDEP NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT (IF APPLICABLE), AND THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). FILTER FABRIC, HAY BALES, OR ROCK BAGS SHALL BE INSTALLED IN EACH INLET THROUGHOUT THE CONSTRUCTION PERIOD. A SOIL TRACKING PREVENTION DEVICE (STPD) SHALL CONSTRUCTED AT ALL UNSTABILIZED CONSTRUCTION ACCESS POINTS, PER FDOT INDEX NO. 106.
16. STORM DRAINAGE. ALL STORM DRAINAGE PIPE JOINTS SHALL BE WRAPPED IN FILTER FABRIC PER FDOT STANDARD INDEX NO. 280. ALL DRAINAGE STRUCTURES SHALL CONFORM TO THE REQUIREMENTS OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. ALL GRATES SHALL BE SECURED TO THE STRUCTURES WITH AN EYEBOLT AND CHAIN. ALL STORM DRAINAGE SHALL BE FREE OF SILT AND SEDIMENT AT THE TIME OF FINAL ACCEPTANCE BY THE CITY OF LAKE WORTH.
17. DEWATERING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ANY DEWATERING PERMITS AND/OR APPROVALS NECESSARY FOR CONSTRUCTION. NO WATER FROM DEWATERING MEASURES SHALL BE DISCHARGED OFF-SITE. ALL DISCHARGE SHALL BE CONTAINED IN ON-SITE SEDIMENT BASINS.
18. SIDEWALKS. ALL SIDEWALKS SHALL BE CONSTRUCTED TO MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, CHAPTER 11 - FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION. ALL CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 304 AND THE REQUIREMENTS OF THE FLORIDA BUILDING CODE. ALL WALKWAYS CROSSING VEHICULAR AREAS SHALL HAVE A DETECTABLE WARNING SURFACE (TRUNCATED DOMES) IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 304 AND THE FLORIDA BUILDING CODE, CHAPTER 11 - ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION. ALL SIDEWALKS SHALL BE BROOM FINISHED WITH AN EVEN, OUSTLESS SURFACE AND SHALL BE FREE OF CRACKS AT TIME OF FINAL ACCEPTANCE BY THE CITY OF LAKE WORTH.
19. PAVEMENT. WHERE FULL-DEPTH PAVEMENT REPLACEMENT IS SPECIFIED, EXISTING BASEROCK MAY NOT BE RE-USED, HOWEVER IT MAY BE UTILIZED AS SUBGRADE STABILIZATION MATERIAL. ALL SUBGRADE SHALL BE FREE OF MUCK, ROOTS, UNDERBRUSH, VEGETATIVE MATTER, GARBAGE, TRASH, OR ANY OTHER UNSUITABLE MATERIALS. BASEROCK AND ASPHALT SHALL BE PLACED IN MULTIPLE LIFTS AND SHALL BE PLACED IN ACCORDANCE WITH THE APPLICABLE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. FINAL LIFT OF ASPHALT SHALL PROVIDE A UNIFORM FINISH AND SHALL BE PLACED TO CORRECT MINOR IMPERFECTIONS IN THE FIRST LIFT AND TO PROVIDE POSITIVE DRAINAGE FOR THE ROADWAY.
20. SIGNING AND PAVEMENT MARKING. ALL PAVEMENT MARKINGS WITHIN CITY OF LAKE WORTH RIGHT-OF-WAY SHALL BE THERMOPLASTIC. THERMOPLASTIC SHALL NOT BE INSTALLED ON PAVEMENT UNTIL A MINIMUM OF FIVE CALENDAR DAYS AFTER THE FINAL LIFT OF ASPHALT HAS BEEN COMPLETED. BLUE/BLUE REFLECTIVE PAVEMENT MARKERS (RPM) SHALL BE INSTALLED TO INDICATE THE LOCATION OF ALL FIRE HYDRANTS.



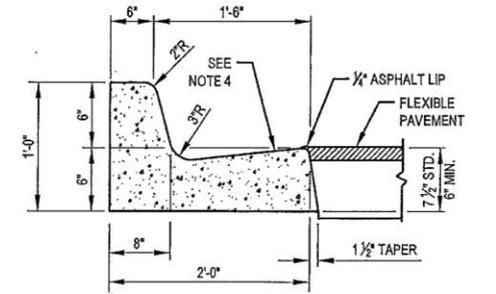
PAVEMENT SPECIFICATIONS	
WEARING SURFACE	1 1/2" TYPE S-III (TWO 3/4" LIFTS)
BASE	8" BASEROCK (LBR 100) COMPACTED TO 98% MAX. DENSITY PER AASHTO T-180. (2 EQUAL LIFTS) PRIME & TACK COAT PER FDOT SECTION 300.
SUBGRADE	12" SUBGRADE COMPACTED TO 98% MAX. DENSITY PER AASHTO T-180.

VARIATION FROM MATERIAL SPECIFICATIONS WILL BE CONSIDERED ON A CASE BY CASE BASIS BY THE CITY ENGINEER.

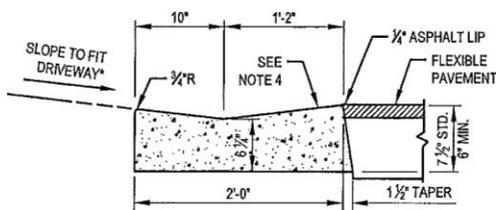




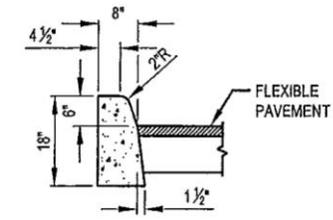
TYPE E



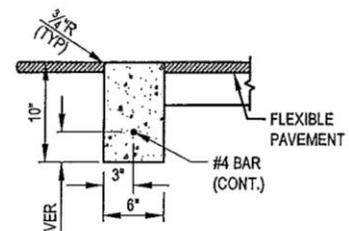
TYPE F



*NOTE: 2% MAX. SLOPE FOR PEDESTRIAN PATHWAYS; 12% MAX. SLOPE FOR DRIVEWAYS
VALLEY GUTTER (DROP CURB)



TYPE D



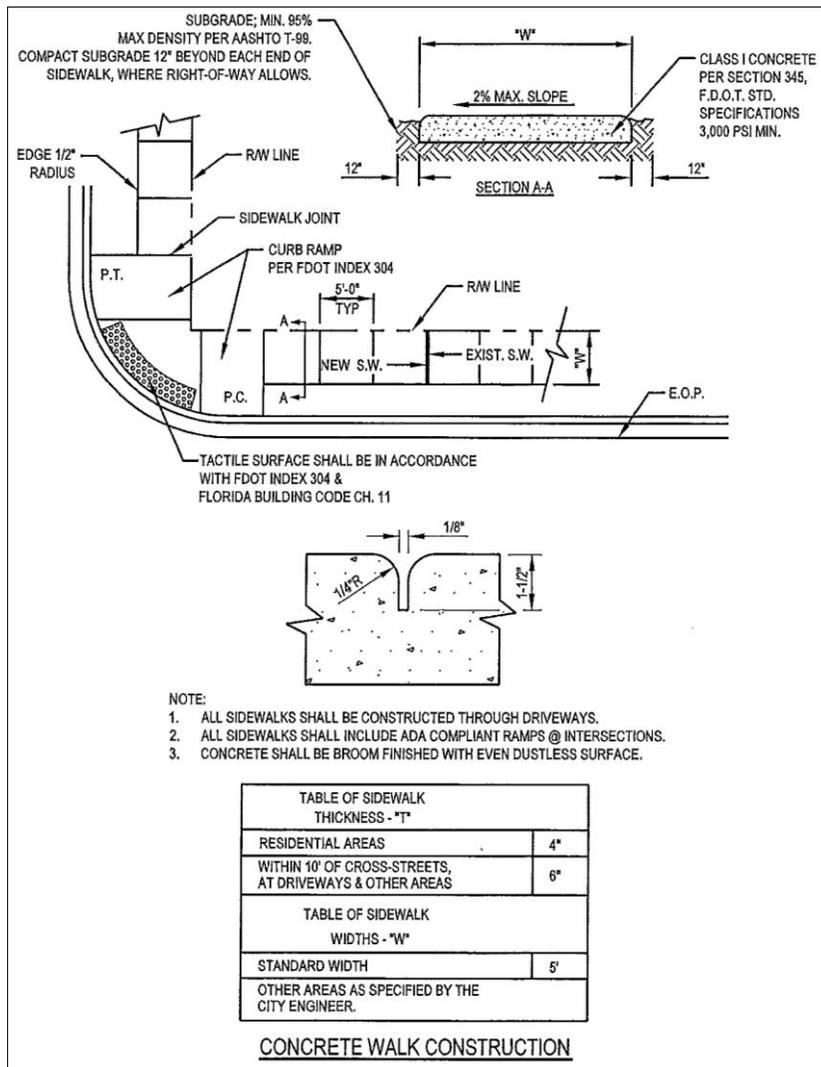
HEADER CURB

NOTES:

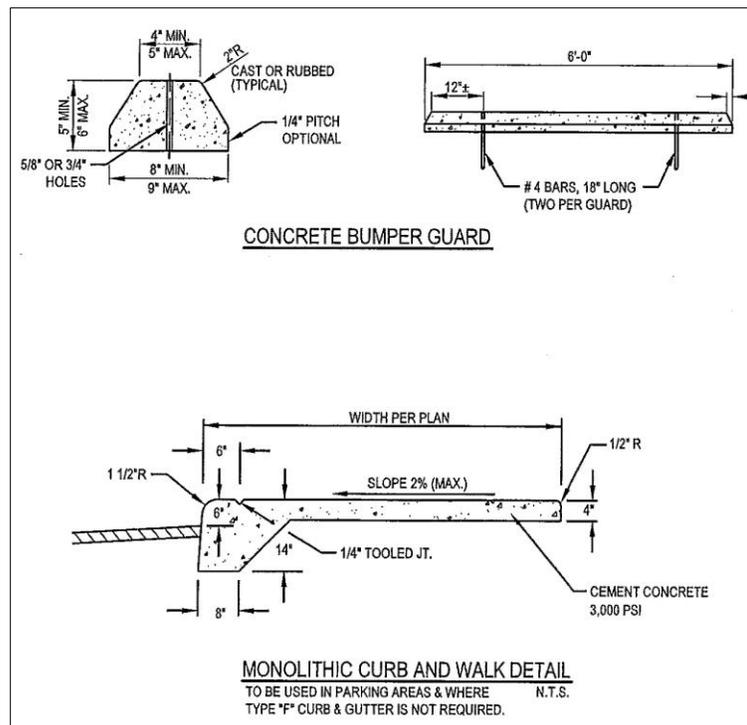
1. ULTIMATE STRENGTH OF CONCRETE FOR CURBS AND GUTTERS SHALL BE 3,000 P.S.I. @ 28 DAYS.
2. 1/8" - 1/4" CONTRACTION JOINTS IN CURB AND GUTTER SHALL BE CUT AS SHOWN AND AT 10 FT. MAXIMUM SPACING. NO SECTION SHALL BE LESS THAN 4 FT.
3. WHEN PAVEMENT IS CONCRETE, PROVIDE A 1/2" EXPANSION JOINT WITH PRE-FORMED JOINT FILLER & JOINT SEAL BETWEEN CURB AND CONCRETE PAVEMENT. (1-1/2" TAPER ON CURB FACE NOT REQUIRED AT CONCRETE PAVEMENT.)
4. WHEN USED ON HIGH EDGE OF PAVEMENT, THE CROSS SLOPE OF TYPES "E", "F", AND VALLEY GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT EDGE OF PAVEMENT. THE THICKNESS OF THE LIP SHALL BE 6" MINIMUM UNLESS OTHERWISE SHOWN ON PLANS. THE SURFACE ON THE LOW EDGE OF PAVEMENT TO BE 1/4" ABOVE LIP OF GUTTER. SURFACE ON HIGH EDGE OF PAVEMENT TO BE FLUSH WITH LIP OF CURB AND GUTTER. IF BOTH EDGES ARE AT SAME ELEVATION, SURFACE SHALL BE FLUSH.
5. ENDS OF TYPE "E" & "F" CURBING SHALL TRANSITION FROM FULL HEIGHT TO FLUSH IN 3 FEET.
6. THE MINIMUM CONSTRUCTED FLOW-LINE GRADIENT FOR STREET DRAINAGE UTILIZING CURB & GUTTER OR VALLEY GUTTER SHALL BE 0.20%.
7. REFER TO FDOT INDEX 300 FOR ADDITIONAL INFORMATION.

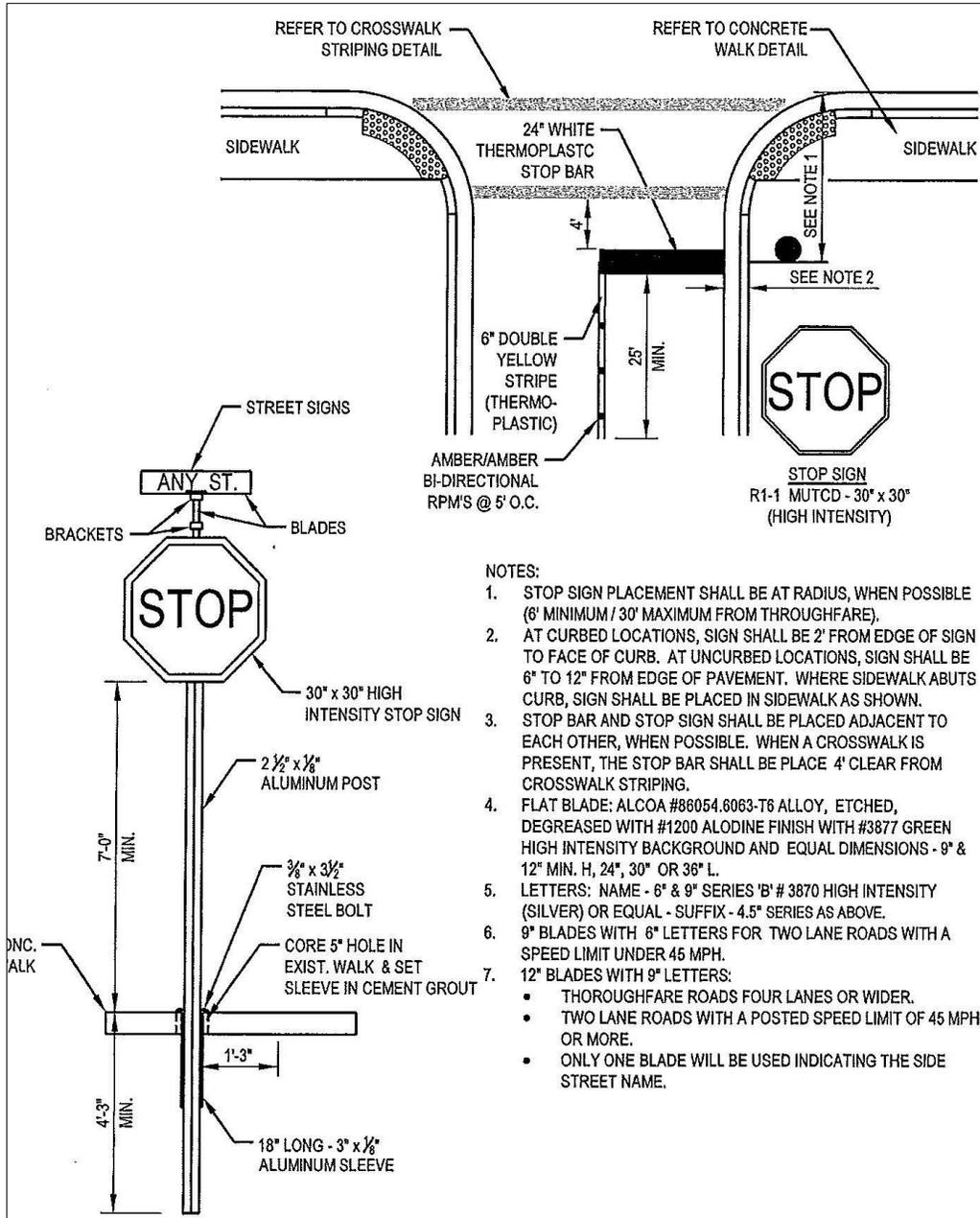
NOTES:

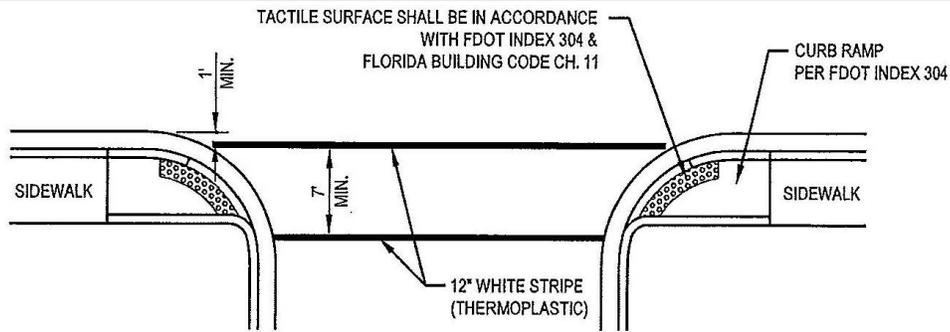
1. ULTIMATE STRENGTH OF CONCRETE FOR CURBS SHALL BE 3,000 P.S.I. @ 28 DAYS.
2. 1/8" - 1/4" CONTRACTION JOINTS IN CURBS SHALL BE 3 1/2" MIN. DEPTH (AS MEASURED FROM TOP OF ADJACENT PAVEMENT) AND AT 10-FOOT CENTERS. NO SECTION SHALL BE LESS THAN 4 FEET.
3. WHEN PAVEMENT IS CONCRETE, PROVIDE A 1/2" EXPANSION JOINT WITH PRE-FORMED JOINT FILLER & JOINT SEAL BETWEEN CURB AND CONCRETE PAVEMENT. (1-1/2" TAPER ON CURB FACE NOT REQUIRED AT CONCRETE PAVEMENT.)
4. ENDS OF ALL CURBING SHALL TRANSITION FROM FULL HEIGHT TO FLUSH IN 3 FEET.
5. THE MINIMUM CONSTRUCTED FLOW-LINE GRADIENT FOR STREET DRAINAGE UTILIZING CURB & GUTTER OR VALLEY GUTTER SHALL BE 0.20%.
6. REFER TO FDOT INDEX 300 FOR ADDITIONAL INFORMATION.



CONCRETE WALK CONSTRUCTION

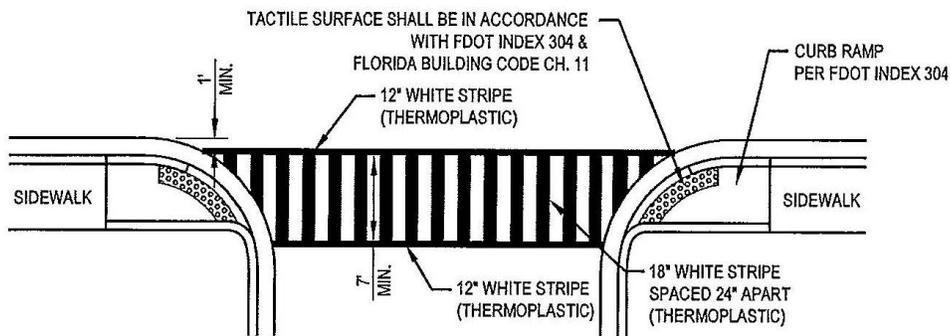






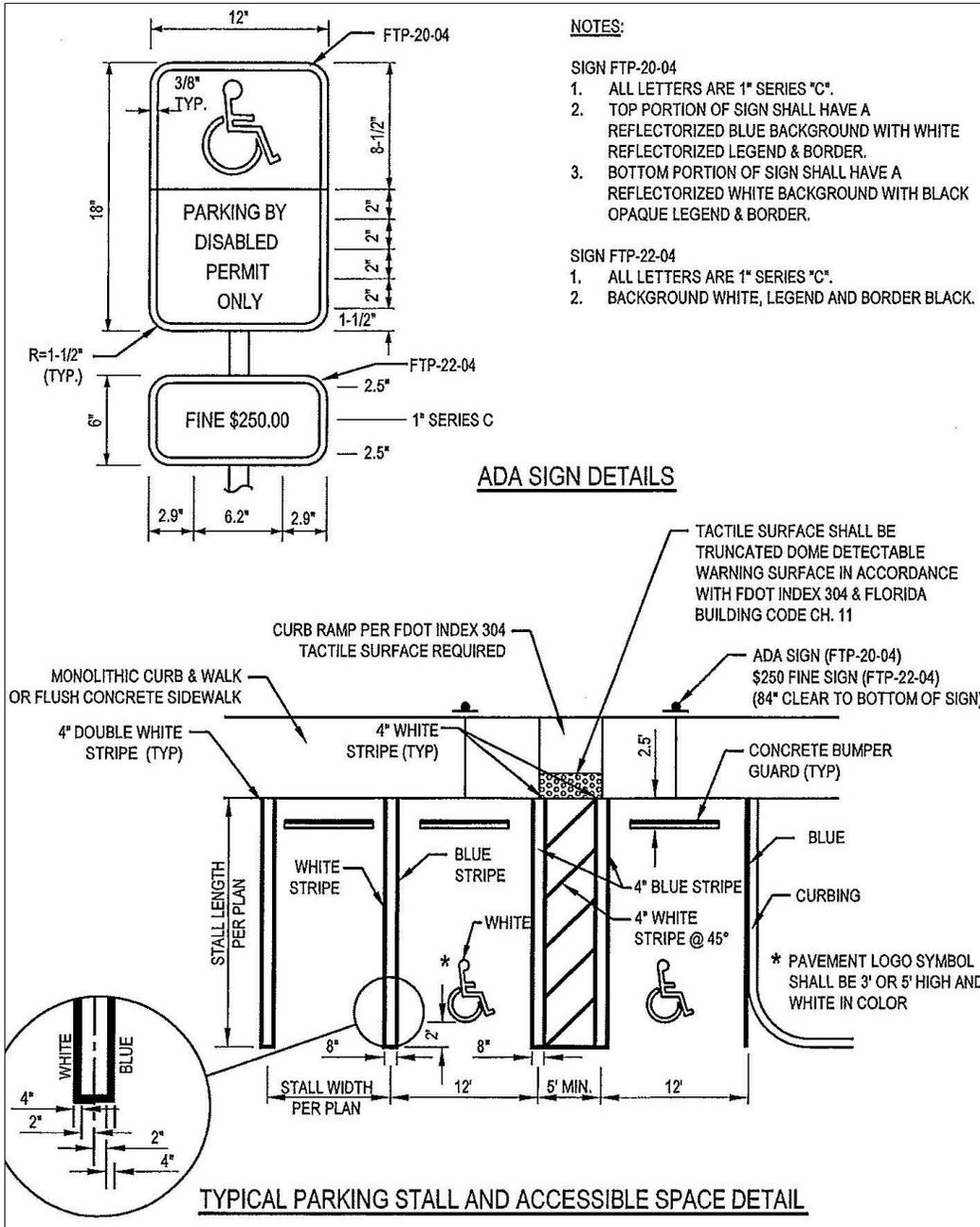
- STANDARD CROSSWALK STRIPING TO BE INSTALLED IN THE FOLLOWING LOCATIONS:
 - ALONG COLLECTORS OR ARTERIALS
 - BIKE PATH CROSSINGS
 - CROSS WALKS WITH HIGH EXPECTED PEDESTRIAN VOLUME
 - SCHOOL ACCESS ROUTES
- SIGNING REQUIRED AS PER FDOT STANDARDS

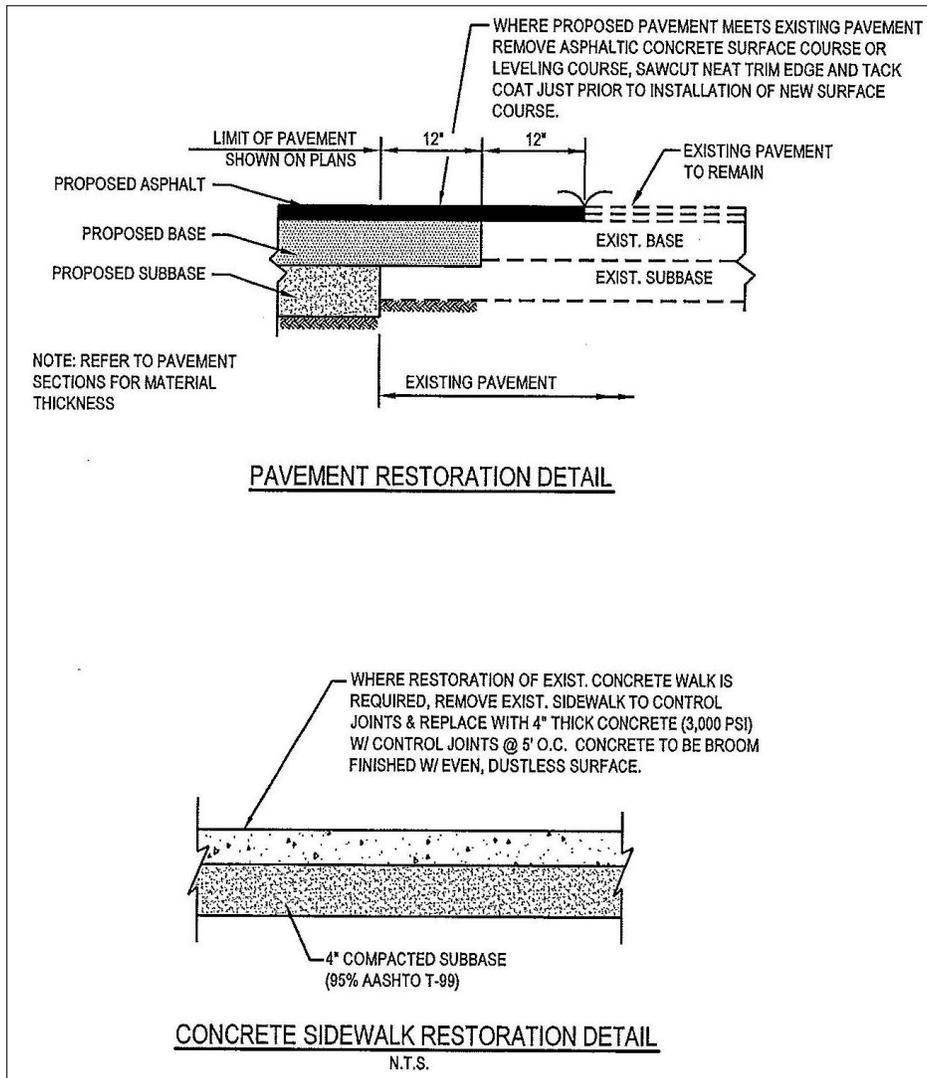
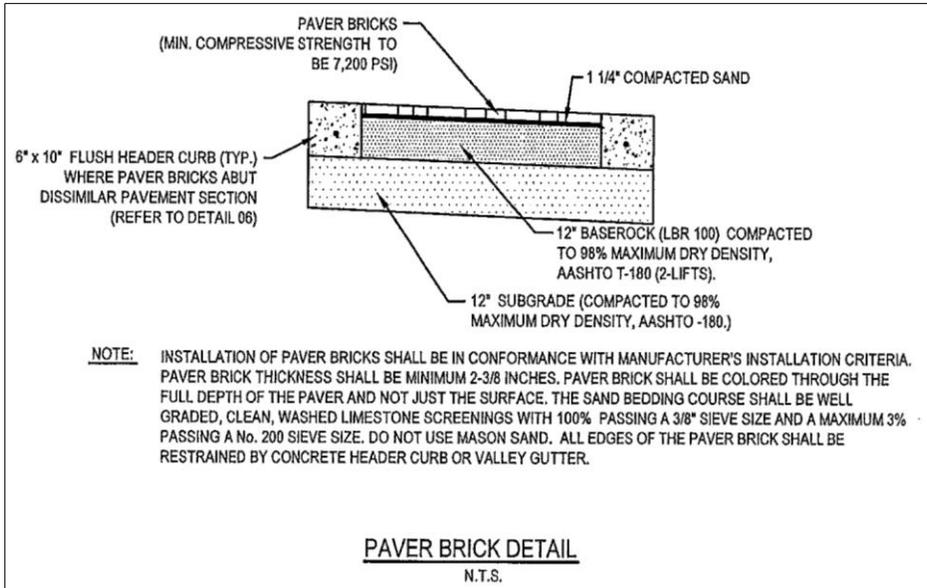
STANDARD CROSSWALK

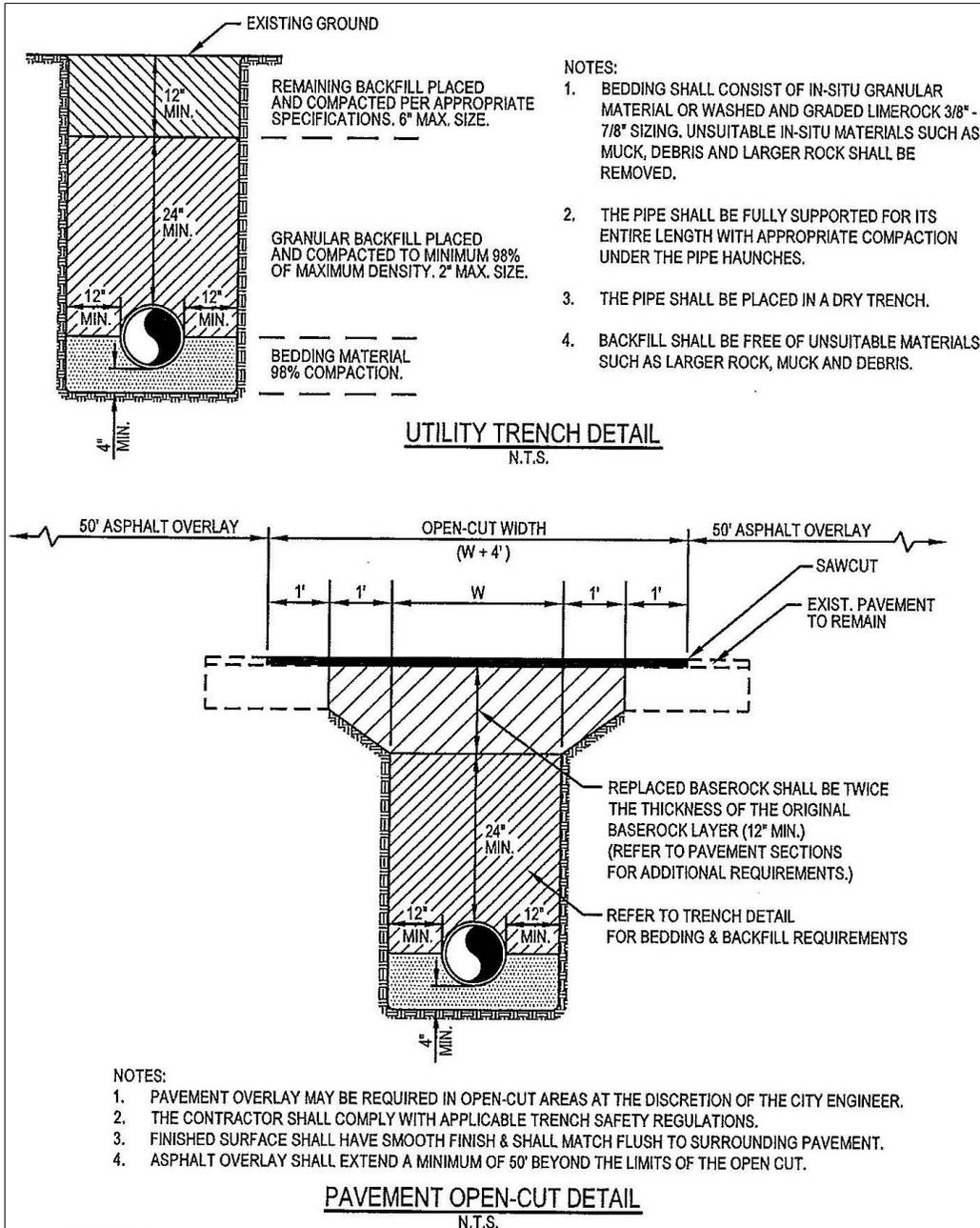


- SCHOOL CROSSWALK STRIPING TO BE USED ONLY AT DESIGNATED SUPERVISED SCHOOL CROSSING
- SIGNS AND ADVANCED PAVEMENT MESSAGES TO BE DESIGNED AND INSTALLED PER FDOT STANDARDS.

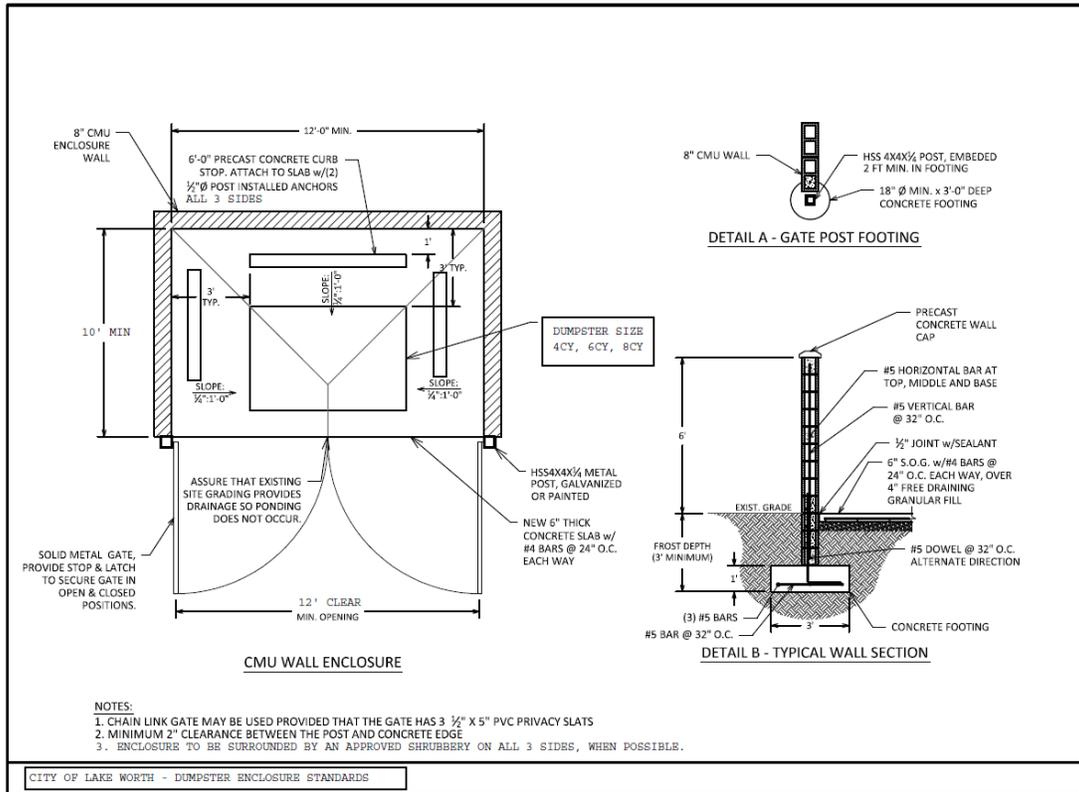
SCHOOL CROSSWALK



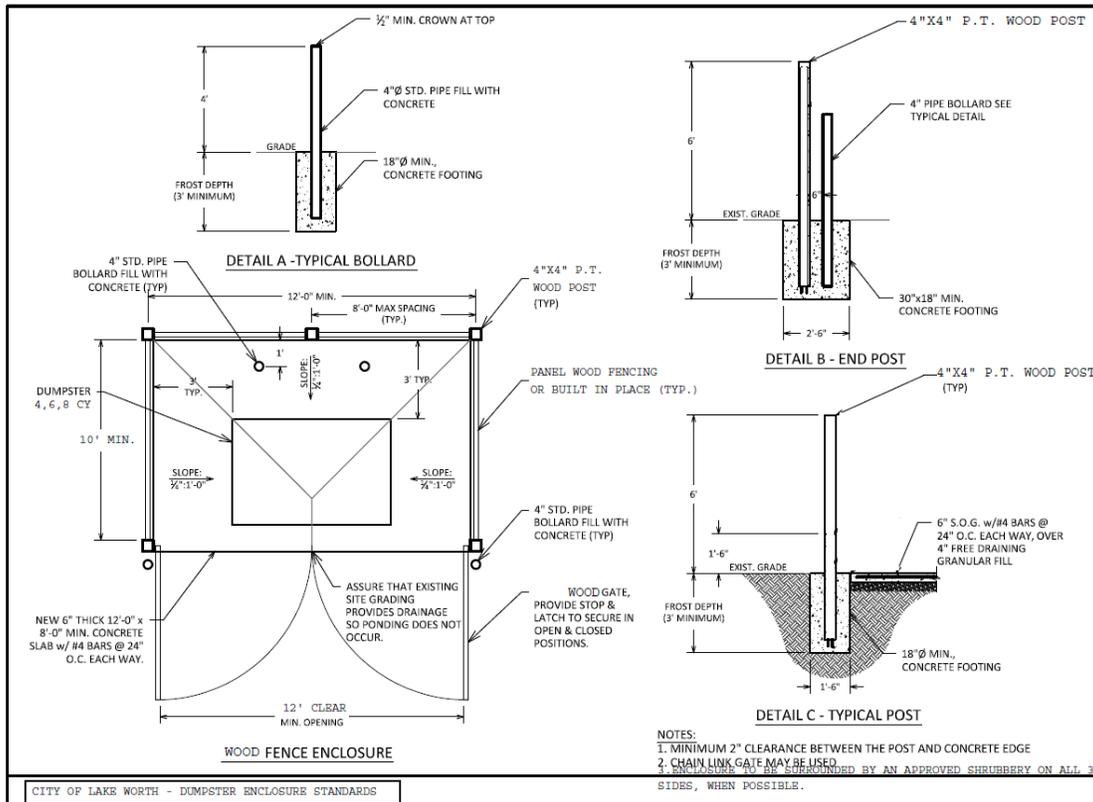




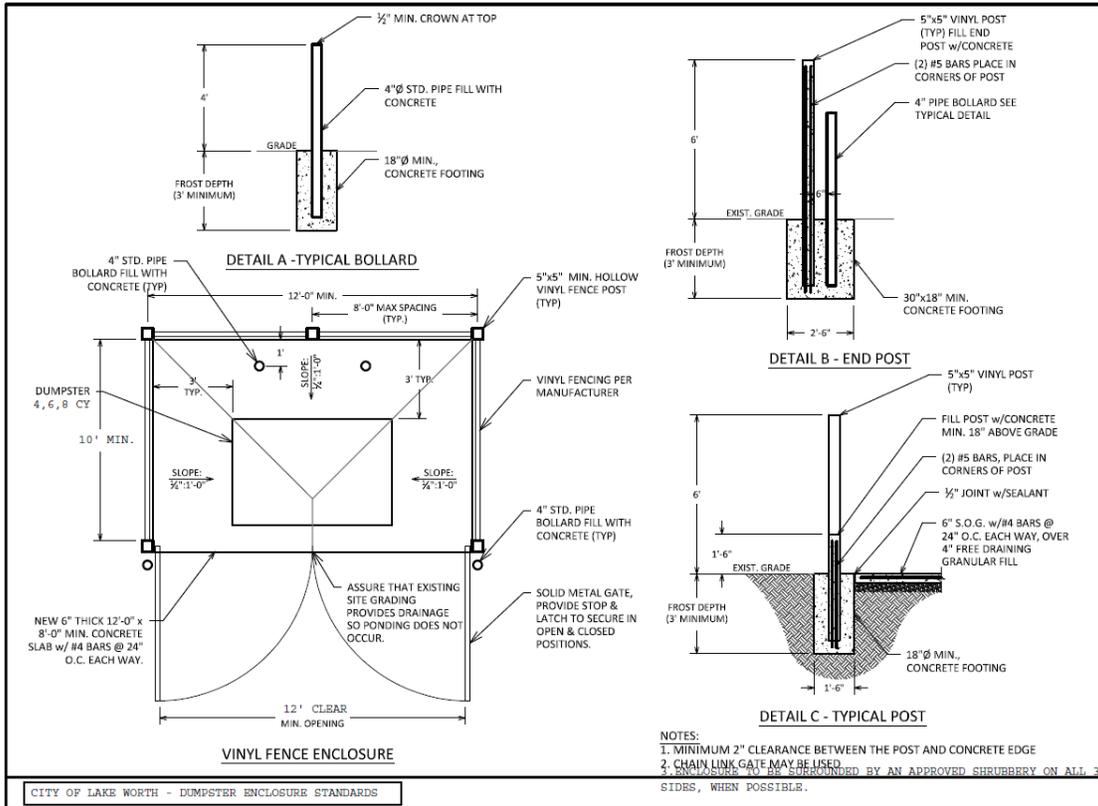
CMU DUMPSTER ENCLOSURE



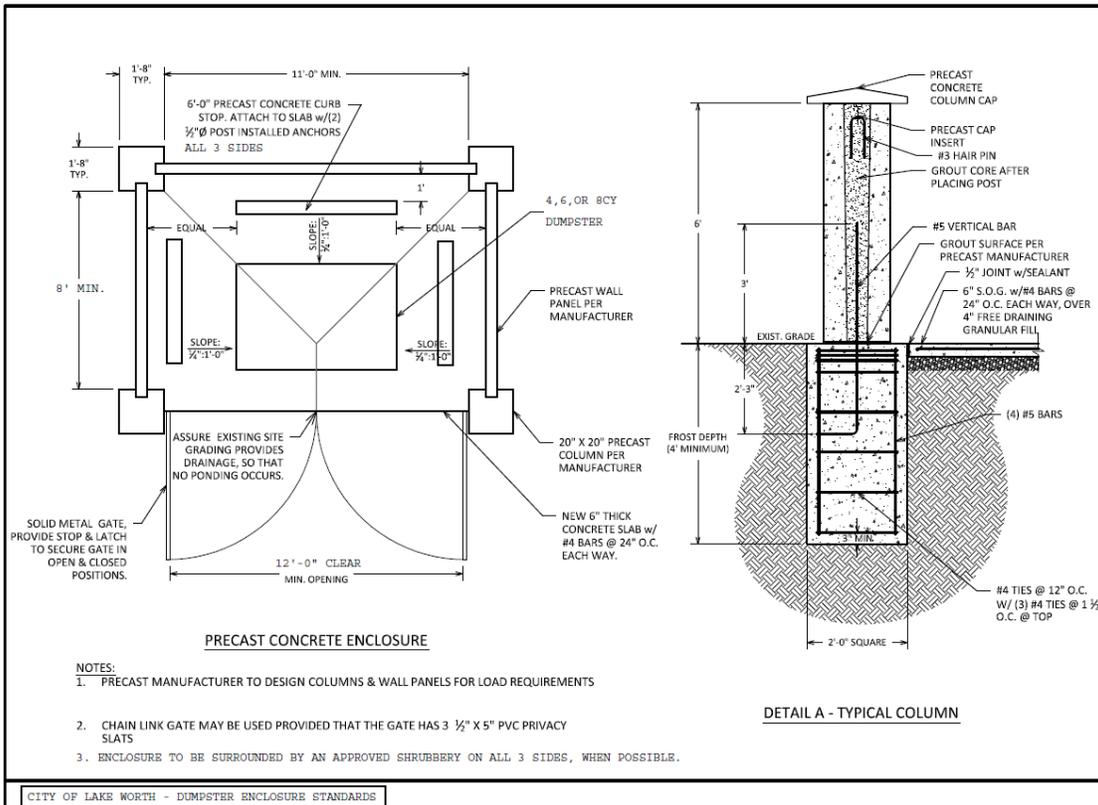
WOOD FENCE ENCLOSURE



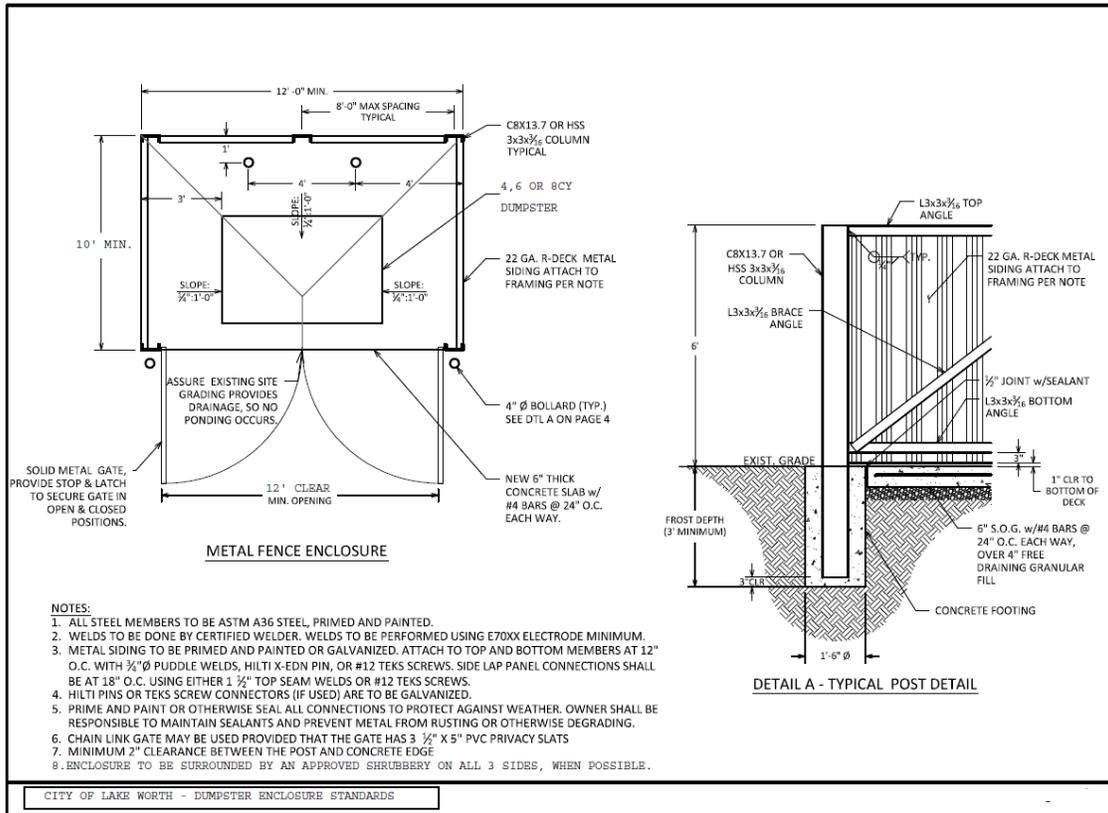
VINYL FENCE DUMPSTER ENCLOSURE



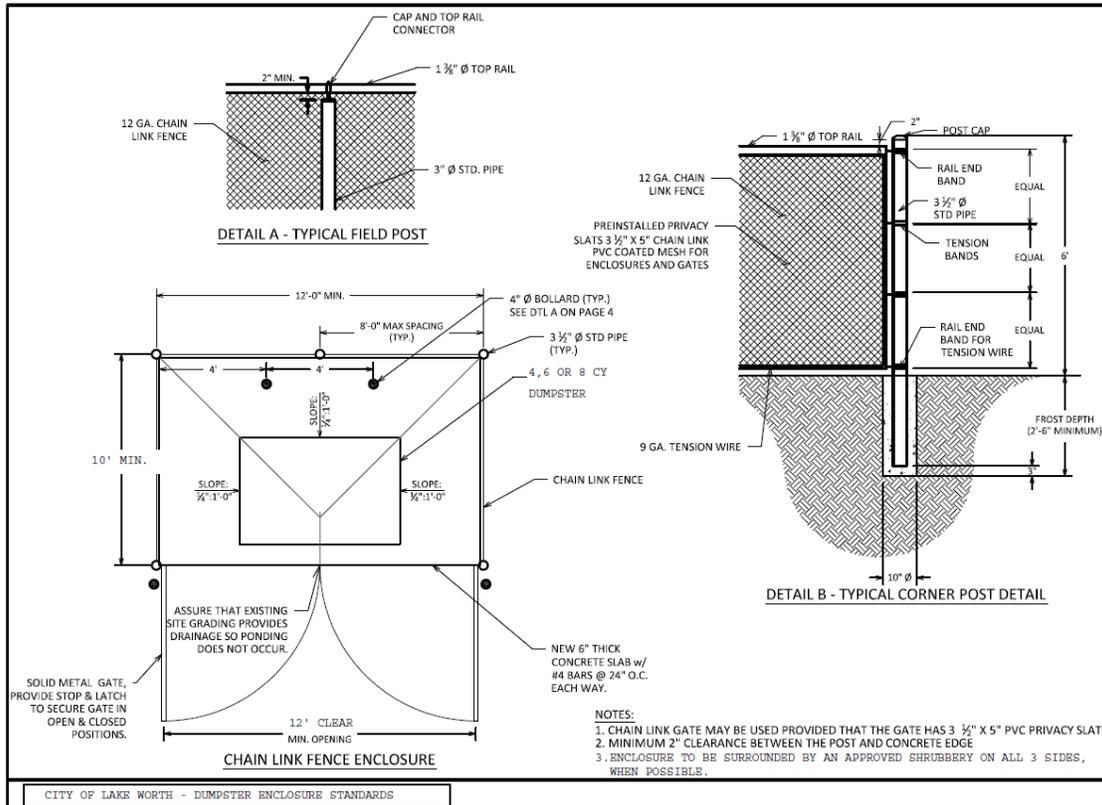
PRECAST CONCRETE DUMPSTER ENCLOSURE



METAL FENCE ENCLOSURE



CHAIN LINK FENCE DUMPSTER ENCLOSURE



FORMS

UTILITY SERVICE APPLICATION

HYDRANT METER APPLICATION

DEMOLITION PACKAGE

BACKFLOW REGISTRATION

BACKFLOW PREVENTION ASSEMBLY FIELD TEST REPORT

CROSS CONNECTION CONTROL QUESTIONNAIRE

CROSS CONNECTION CONTROL SURVEY CHECKLIST

RIGHT OF WAY UTILITY PERMIT APPLICATION

BUILDING PERMIT APPLICATION

ENGINEERING PLAN REVIEW CHECKLIST



City of Lake Worth Application For Utility Service

APPLICANT INFORMATION

Last Name:		First Name:		SSN:	
Drivers License/State:			Date of Birth:		E-mail:
Employer:			Home/Cell Phone:		Work Phone:

CO-APPLICANT INFORMATION

Your spouse is **NOT** presumed to be a Co-Applicant. They **MUST** be added and present an I.D. at application time. No information will be shared unless they are on this application.

Last Name, First:		SSN:		Relation:	
Drivers License/ State:			Contact Number:		Date of Birth:

SERVICE LOCATION INFORMATION

Service Address:			ZIP Code:		
Mailing Address (If different from Service Address):			City/State:		ZIP Code:

Please provide copy of documents (Lease, Closing Papers, etc.):

Owner
Closing Date: _____

Tenant
Lease Start Date: _____

Realtor
Service Start Date: _____

Services Applied for:

Electric

Water

Miscellaneous Notes

Misc: _____

FOR OFFICE USE ONLY

Received/ Completed By: _____	Deposits: Electric (UD):\$ _____	Online Utility Exchange:
Date: _____	Water (UD): \$ _____	Report No.: _____
CID: _____	Connection Fee (AP): \$ _____	Deposit Decision: _____
LID: _____	Connection Fee (DE/ DW):\$ _____	Additional Notes:
Previous LID: _____	Tampering (FI):\$ _____	
	Outstanding Balance: \$ _____	
	TOTAL: \$ _____	

Utilities Customer Service City Hall Annex
 414 Lake Avenue Lake Worth, FL 33460
Hours: Mon, Tues, Wed & Fri 8am – 5pm, Thursday 9am – 5pm
 P: 561.533.7300/ F 561.533.7343
Customer_service@lakeworth.org

Notification of Social Security Number Collection and Usage

In compliance with Florida Statutes §119.071 (5), the City of Lake Worth Customer Services Division collects and uses your Social Security number only for the following purposes in performance of the City's duties and responsibilities.

Your Social Security number is used for legitimate employment business purposes in compliance with:

- Completing and processing a credit check to determine the deposit required on an account;

NOTIFICATION

Providing a Social Security number is not a condition of receiving utility services from City of Lake Worth.

The City may disclose Social Security numbers to another agency or governmental entity if such disclosure is necessary for the receiving agency or entity to perform its duties and responsibilities.

The City may not deny a commercial entity engaged in the performance of a commercial activity access to Social Security numbers, provided the Social Security numbers will be used only in the performance of a commercial activity, and provided the commercial entity makes a written request for the Social Security numbers.

About Your Deposits

Pursuant to Resolution 70-2013, The City of Lake Worth requires that every utility customer pay a deposit upon opening or re-establishing an account with the City to guarantee payment on the account for electric, sewer and water rendered. A deposit is required for every location serviced by the City unless specifically waived. Therefore, customers with more than one utility account (i.e., with multiple service locations) are required to provide a deposit for each account. The City pays interest annually on utility deposits. In the case of repeated delinquency or multiple returned checks, the City may also require a customer to redeposit monies (assuming the deposit was already refunded), or increase the amount of the deposit currently on account. The customer will be billed for the deposit or deposit increase, and the next payment received will be applied first toward fulfilling this obligation. A customer pays the deposit with the express understanding and agreement that the City may apply all or any part of the deposit towards any arrearage on the account in satisfaction of the amount owed. Deposits are refunded to the customer under two circumstances:

- 1) Upon establishing a satisfactory payment record with the City, the City will refund the deposit to customer occupying Single-family, Duplex, or Triplex Residential homes provided that the customer has received continuous service for at least 25 months and has not been late in payment more than two times in the preceding 12 months. Further, the customer cannot have had a returned check, been disconnected, tampered with the meter or used service in a fraudulent or unauthorized manner during the preceding 24 month period.
- 2) Upon closing an account the City will refund the deposit less any amount owed to the City. The refund is paid by check and is typically mailed within four (4) to six (6) weeks of the final meter reading on the account. The customer is responsible for providing a forwarding address to the City.

The deposit shall in no way be construed to preclude the City of Lake Worth from discontinuing any and all utility services to the service location in the event of default on payment of any indebtedness for utilities services rendered to the premises regardless of whether or not the amount of the deposit is sufficient to cover the arrearage amount.

Disconnection Policy

Bills are due upon receipt but considered past due if payment has not been posted by the 27th day following the date of billing. Past due accounts are assessed a late fee. Failure to make timely payments may require an additional deposit. If it becomes necessary for us to disconnect your service for non-payment, we require full payment of **ALL** outstanding balances owed on your account (both past due and current balance) and reconnect fee prior to reconnection.

METERED SERVICES CONNECTION POLICY

Initial to acknowledge statements below.

Please be aware that the City's policy for turning on or reconnecting utility service is by **next business day**. All meter replacements will be completed within **two (2) business days** from the time that full payment has been received. In order for services to be established make sure:

____ All circuit breakers are **off** for electricity.

____ Every water faucet is **closed**.

In order to be completely sure turn off ALL VALVES including those under the sink, behind each toilet, in the tubs, and on the water heater OR you may turn off the MAIN VALVE on the outside of your home.

____ All deposits and fees are paid in full.

In order for your account to be opened, the deposits must be paid in full. Deposits will be applied to the account balance when the account is closed. Any deposit refunds due will be issued within 4-6 weeks after the termination date.

AGREEMENT

I (applicant/ co-applicant) hereby request the City of Lake Worth to provide utility services at the above service location. I (applicant/ co-applicant) agree to pay all charges for services rendered as a result of this request. I (applicant/ co-applicant) understand and agree that failure to pay any amount due to the City can result in services not being connected/ reconnected until such payment has been received.

Applicant Signature _____ Date _____ Co-Applicant Signature _____ Date _____



City of Lake Worth

Utilities Department – Customer Service Division

Telephone (561) 533-7300

Fax: (561) 533-7343

HYDRANT METERS

HYDRANT METERS ARE TO BE USED FOR CONSTRUCTION PURPOSES ONLY

FOLLOWING ARE THE COSTS ASSOCIATED WITH THE INSTALLATION AND USE OF HYDRANT METERS:

1. DEPOSIT= \$525.00
2. INSTALLATION SERVICE CHARGE=\$35.00
3. APPLICATION FEE=\$17.00
4. MONTHLY BASE CHARGE (3" METER)=\$217.06
5. HYDRANT METER ACCOUNTS WILL BE BILLED ONCE MONTHLY FOR THE VOLUME OF WATER THAT REGISTERS ON THE METER (MEASURED IN HUNDREDS OF GALLONS) PLUS APPLICABLE TAXES
6. IN THE EVENT A CUSTOMER REQUESTS THAT THEIR HYDRANT METER BE RELOCATED TO A DIFFERENT FIRE HYDRANT, THERE IS A CHARGE OF \$30.00 FOR THAT SERVICE.
7. IF THE METER IS MOVED BY ANYONE OTHER THEN A CITY EMPLOYEE, THE ACCOUNT IS SUBJECT TO A \$200.00 TAMPERING FEE.

LOCATION / ADDRESS: _____

I HAVE REVIEWED AND AGREE TO THE CONDITIONS AND CHARGES

SIGNATURE OF APPLICANT OR APPLICANT'S REPRESENTATIVE

DATE



BUILDING DIVISION
DEPARTMENT FOR COMMUNITY SUSTAINABILITY
CITY OF LAKE WORTH
1900 2ND AVENUE NORTH
LAKE WORTH, FL 33461
561.586.1647

DEMOLITION PACKAGE

This package contains all the release forms necessary for the demolition contractors' submittal. The following procedure is to be followed by all applicants applying for demolition permits excluding sidewalks and driveways located in the public right of way.

Zoning approval is required for demolition of all structures. Prior to submitting your completed application, you shall first obtain all required releases. If it is determined that the proposed demolition is deemed of historic significance or deemed a contributing structure, a Certificate of Appropriateness (COA) from the Historic Resources Preservation Board will be required. You will be contacted by zoning staff with the results of the boards review. If a COA is necessary, department staff is available to assist you with completing the COA application. For further information, contact 561-586-1687.

*******Please do not proceed with any of the items below prior to receiving the approval from the Zoning and Historical Division*******

Contractor Responsibility:

Obtain and provide 2 copies of the following:

- a. A boundary survey or site plan of the property indicating all structures (including driveways, pools, etc.) to be demolished.
- b. For commercial properties only: an asbestos and/or survey of all structures. If indicated in the survey that asbestos and/or lead paint abatement is necessary, a separate permit application for asbestos and/or lead paint abatement must be submitted by a licensed abatement contractor per F.S. 469. The asbestos abatement contractor must provide a copy of the FDEP Form 62-257-900, Notice of Asbestos Renovation or Removal with the abatement permit application
- c. Certification from a licensed pest control operator (PCO) that all structures are rodent free. A letter or invoice under the signature of the PCO is acceptable. The letter or invoice must include the address of the inspected structures and indicate the date that the inspection was performed.
- d. City of Lake Worth Utilities: Water & Electric Service. Release forms must be submitted to Utilities Customer Service and arrange for disconnection of the potable water and electric service to all structures on the property to be demolished.
- e. A separate permit by a licensed plumbing contractor is required to disconnect and cap the sanitary sewer and/ or water service. Contractor is responsible to inform the City if the water meter is to be pulled or cap for the demolition procedure. If the water meter is to be capped the work can be submitted on the same permit as the sewer cap. If the water meter is to be pulled, please let the Utilities Customer Service staff know when submitting the release form.
- f. City of Lake Worth Public Services: Best Management Practices (BMP) for protection of the storm water drainage system. It is the responsibility of the applicant to protect the storm water drainage system by installation of a silt fence along the property lines **and** wrapping and blocking all drainage system inlets in the vicinity of the property. The installed protection must be in place and inspected

- / approved by public services staff **PRIOR** to commencement of the demolition. Once the silt fence is in place, please call 561-586-1720 to schedule an inspection.
- g. Landscaping approval is required for demolition of all structures. A release form must be signed off by Public Services. Please be advised demolitions of commercial buildings may require a landscape plan review and approval. All vacant properties shall be maintained in compliance with Sections 2-75.6.2 and 23.6-1(i) of the Lake Worth Code of Ordinances.
 - h. FPU - Florida Public Utilities: Natural Gas Service. Submit release to FPU and arrange for disconnection of the natural gas service. NOTE: removal of above / below ground propane tanks / lines requires a separate permit application.

PERMIT ISSUANCE

Upon approval of your application, you will be contacted by building division staff that your permit is ready for pick up.

DEMOLITION PROCESS

During and subsequent to the demolition process, the contractor is responsible to provide for:

- Dust control
- Traffic control as necessary
- Protection of adjacent property
- Filling of the site as necessary to ensure adequate drainage
- Final cleaning of the public right of way
- Repair of any / all damage to sidewalks, curbs, and city streets / alleys that resulted from the demolition activity
- Compliance with Florida Building Code, Chapter 33 (Demolition), Sections 3301 through 3312 as applicable

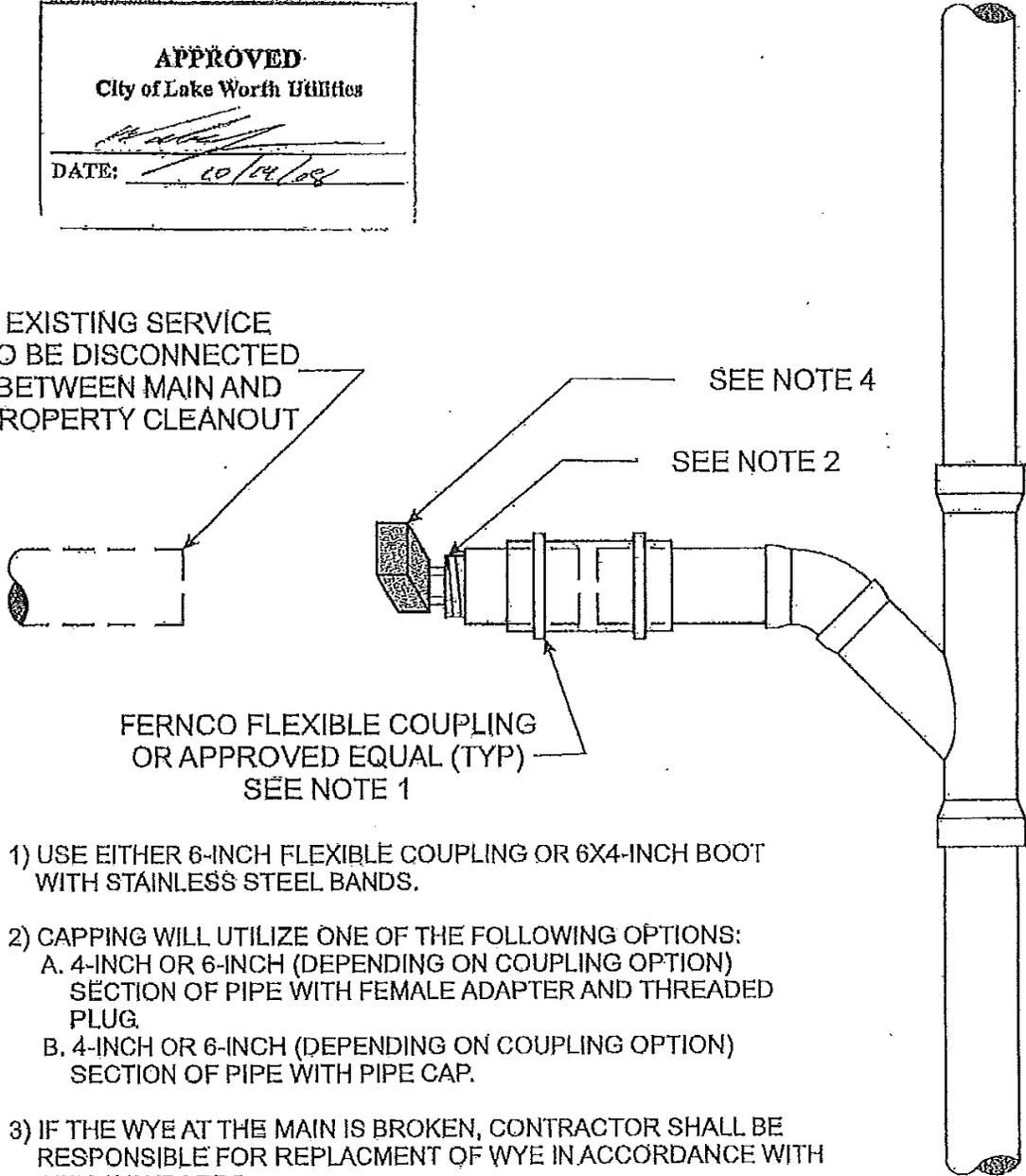
FINAL INSPECTION

The contractor is responsible to schedule the final demolition inspection through the Building Division upon completion of all work. Call 561-586-1691 to schedule this inspection.

APPROVED
 City of Lake Worth Utilities

DATE: 10/24/08

EXISTING SERVICE
 TO BE DISCONNECTED
 BETWEEN MAIN AND
 PROPERTY CLEANOUT



FERNCO FLEXIBLE COUPLING
 OR APPROVED EQUAL (TYP)
 SEE NOTE 1

- 1) USE EITHER 6-INCH FLEXIBLE COUPLING OR 6X4-INCH BOOT WITH STAINLESS STEEL BANDS.
- 2) CAPPING WILL UTILIZE ONE OF THE FOLLOWING OPTIONS:
 - A. 4-INCH OR 6-INCH (DEPENDING ON COUPLING OPTION) SECTION OF PIPE WITH FEMALE ADAPTER AND THREADED PLUG.
 - B. 4-INCH OR 6-INCH (DEPENDING ON COUPLING OPTION) SECTION OF PIPE WITH PIPE CAP.
- 3) IF THE WYE AT THE MAIN IS BROKEN, CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF WYE IN ACCORDANCE WITH CITY STANDARDS.
- 4) 2 X 4 -INCH WOOD STAKE MARKER TO BE INSTALLED AGAINST CAP FROM 6-INCHES BELOW CAP TO 12-INCHES BELOW GRADE.

DESIGNED	WRS	DATE	WRS	CHECKED	
FILE No.		PROJECT No.		DATE	12/15/04
NO.	SIZE	DESCRIPTION			
		MATERIALS			

UTILITIES DEPARTMENT
WATER DIST/SEWER COLLECTION
 CITY OF LAKE WORTH FLORIDA

SEWER LATERAL CAPPING
FOR SITE DEMOLITION
 SHEET 1 OF 1



BUILDING DIVISION
DEPARTMENT FOR COMMUNITY SUSTAINABILITY
CITY OF LAKE WORTH
1900 2ND AVENUE NORTH
LAKE WORTH, FL 33461
561.586.1647

CITY OF LAKE WORTH DEMOLITION RELEASE FORM
Planning, Zoning and Historic Preservation

Should you have questions with regard to this form please email or call the number listed below:

Phone (561) 586-1687 Email pzoning@lakeworth.org

Application for permit is being made by the undersigned for the demolition and removal of the following structure (s).

Address: _____

Legal Description: _____

Location on lot and description of structure to be demolished: _____

Property Owner/ Agent: _____

Name of Contractor: _____

Address of Contractor: _____

Email Address of Contractor: _____

Phone Number of Contractor: _____

Signature of Applicant: _____

*****MINIMUM OF ONE (1) COLOR PHOTOGRAPH OF EACH SIDE/FAÇADE OF STRUCTURE PROPOSED TO BE DEMOLISHED MUST BE SUBMITTED WITH THIS RELEASE FORM*****

FOR DEPARTMENTAL USE ONLY

Comments: _____

City of Lake Worth Planning, Zoning and Historic Preservation Division:

Zoning Completed by: _____ Date: _____

Signature: _____ Title: _____

Historic Preservation Completed by: _____ Date: _____

Signature: _____ Title: _____

THIS SIGNED FORM MUST BE SUBMITTED TO THE BUILDING DIVISION WITH THE COMPLETED PERMIT APPLICATION.

THIS FORM MUST BE COMPLETED BEFORE A DEMOLITION PERMIT CAN BE ISSUED.



Building Division
Department for Community Sustainability
City of Lake Worth
1900 2nd Avenue North
Lake Worth, FL 33461
561.586.1647

CITY OF LAKE WORTH DEMOLITION RELEASE FORM

Attn: Dave McGrew

Public Services Department

Should you have questions with regard to this form please email or call the number listed below:

Phone (561) 586-1720 Email dmcgrew@lakeworth.org

Application for permit is being made by the undersigned for the demolition and removal of the following structure (s).

Address: _____

Legal Description: _____

Location on lot and description of structure to be demolished: _____

Property Owner/ Agent: _____

Name of Contractor: _____

Address of Contractor: _____

Email Address of Contractor: _____

Phone Number of Contractor: _____

Signature of Applicant: _____

FOR DEPARTMENTAL USE ONLY

City Horticulturist Comments: _____

City of Lake Worth Public Services Department:

Completed by: _____ Date: _____

Signature: _____ Title: _____

THIS SIGNED FORM MUST BE SUBMITTED TO THE BUILDING DIVISION WITH THE COMPLETED PERMIT APPLICATION.

THIS FORM MUST BE COMPLETED BEFORE A DEMOLITION PERMIT CAN BE ISSUED.



Building Division
Department for Community Sustainability
City of Lake Worth
1900 2nd Avenue North
Lake Worth, FL 33461
561.586.1647

CITY OF LAKE WORTH DEMOLITION RELEASE FORM

Attn: Customer Service

Utilities Customer Service Division

Should you have questions with regard to this form please email or call the number listed below:

Phone (561) 533-7300 Email: customer_service@lakeworth.org

Application for permit is being made by the undersigned for the demolition and removal of the following structure (s).

Address: _____

Legal Description: _____

Location on lot and description of structure to be demolished: _____

Property Owner/ Agent: _____

Name of Contractor: _____

Address of Contractor: _____

Email Address of Contractor: _____

Phone Number of Contractor: _____

Signature of Applicant: _____

FOR DEPARTMENTAL USE ONLY

Comments: _____

I certify that the water and/or electric services at the above location have been disconnected and/or removed on:

Electric: _____ Water: _____

Completed by: _____ Date: _____

Signature: _____ Title: _____

THIS SIGNED FORM MUST BE SUBMITTED TO THE BUILDING DIVISION WITH THE COMPLETED PERMIT APPLICATION.

THIS FORM MUST BE COMPLETED BEFORE A DEMOLITION PERMIT CAN BE ISSUED.



BUILDING DIVISION
DEPARTMENT FOR COMMUNITY SUSTAINABILITY
CITY OF LAKE WORTH
1900 2ND AVENUE NORTH
LAKE WORTH, FL 33461
561.586.1647

CITY OF LAKE WORTH DEMOLITION RELEASE FORM

Attn: Public Services Administration

Public Services Department

Should you have questions with regard to this form please email or call the number listed below:

Phone (561) 586-1720 Email kwhite@lakeworth.org

Application for permit is being made by the undersigned for the demolition and removal of the following structure (s).

Address: _____

Legal Description: _____

Location on lot and description of structure to be demolished: _____

Property Owner/ Agent: _____

Name of Contractor: _____

Address of Contractor: _____

Email Address of Contractor: _____

Phone Number of Contractor: _____

Signature of Applicant: _____

FOR DEPARTMENTAL USE ONLY

Public Services Comments: Before any demolition can occur, BMP's must be approved by the City of Lake Worth Public Services Department. No work shall commence until all BMP'S have been installed and inspected. Call Karla White for inspection 561-586-1720.

Completed by: _____ Date: _____

Signature: _____ Title: _____

THIS SIGNED FORM MUST BE SUBMITTED TO THE BUILDING DIVISION WITH THE COMPLETED PERMIT APPLICATION.

THIS FORM MUST BE COMPLETED BEFORE A DEMOLITION PERMIT CAN BE ISSUED.



WATER AND SEWER DEPARTMENT

1900 2nd Avenue North · Lake Worth, Florida 33461 · Phone: 561-586-1719

Backflow Technician Registration Form

This form should be used to register or re-register an individual as an Installer, Backflow Tester, and/or Backflow Repair Technician with the City of Lake Worth. All registration information should go to the City of Lake Worth Water and Sewer Department. The Water and Sewer Department will not place a Backflow Tester's name on its list of contractors until the documentation submitted is verified as correct.

Please complete the following:

Date: _____

Name of Backflow Technician: _____

Submission is for: Installer Tester Repair Technician

Company: _____

Company Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____ E-Mail: _____

You may mail, or bring in person this completed form and the required items (listed below) to:

City of Lake Worth Water and Sewer Department
1900 2nd Avenue North
Lake Worth, FL 33461

Required items to be included:

- Completed Backflow Tester Registration Form
- Business license with company's name, address, phone number and fax number
- Current/non-expired backflow training certificate
- Current/non-expired gauge calibration certificate
- Administrative recording fee of \$50.00 payable via check to the City of Lake Worth

For licensing and registration questions, please contact the City of Lake Worth Water and Sewer Department at (561) 586-1719..

The City of Lake Worth Water and Sewer Department is tracking backflow assemblies for containment only (at the water meter or property line) to include residential irrigation which may be on the side of the building.

TO BE COMPLETED BY CITY OF LAKE WORTH, REGISTRATION IS GOOD FRO TWO YEARS FROM ISSUE DATE.			
City of Lake Worth Registration Number:		Issue Date:	

Registration is good for two years from issue date.



City of Lake Worth
Where the Tropics Begin
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WATER AND SEWER DEPARTMENT

1900 2nd Avenue North · Lake Worth, Florida 33461 · Phone: 561-586-1719

CERTIFIED BACKFLOW PREVENTION ASSEMBLY FIELD TEST REPORT

Test Date: _____ Time: _____ This operational test: Passed Failed
 Facility Name: _____ Contact Person: _____
 Service Address: _____ City: _____ State: _____ Zip: _____
 Customer Account #: _____ Water Meter Number: _____ Reading: _____

Certified Backflow Test Company Information:

Name of Backflow Technician: _____ LW Registration # _____
 Company: _____
 Company Address: _____ City: _____ State: _____ Zip: _____
 Phone: _____ Fax: _____ E-Mail: _____
 PSID Gauge Type: _____ PSID Gauge #: _____

Backflow Information:

Approved Device	Type of Use	Point of Use Protection	Orientation
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Potable (Domestic) <input type="checkbox"/> Fire Suppression System <input type="checkbox"/> Fire Leak Detector Line <input type="checkbox"/> Irrigation <input type="checkbox"/> Alternate Water/Reclaimed	<input type="checkbox"/> Containment <input type="checkbox"/> Containment by Isolation <input type="checkbox"/> Isolation	Inlet _____ Outlet _____ <input type="checkbox"/> Horizontal <input type="checkbox"/> <input type="checkbox"/> Vertical Up <input type="checkbox"/> <input type="checkbox"/> Vertical Down <input type="checkbox"/>

Assembly Type: Reduced Pressure RP or RPDA Double Check (DCVA or (DDCV) Pressure Vacuum Breaker (PVB) Air Gap (AG)
 Make: _____ Model #: _____ Size: _____ Serial #: _____
 Existing Device New Device (Previous Assembly Number _____)
 Location Description: _____

Line PSI:	Initial Test Results		Repairs	Re-Test Results	
	Tightness	Differential		Tightness	Differential
Check Valve #1 (RP, DC, PVB)	<input type="checkbox"/> Leak <input type="checkbox"/> Tight			<input type="checkbox"/> Leak <input type="checkbox"/> Tight	
Check Valve #2 (RP, DC)	<input type="checkbox"/> Leak <input type="checkbox"/> Tight			<input type="checkbox"/> Leak <input type="checkbox"/> Tight	
Relief Valve (RP)					
Buffer (RP)					
Air Inlet (PVB)					
Shutoff Valve #1: <input type="checkbox"/> Tight <input type="checkbox"/> Leaking <input type="checkbox"/> Replaced			Shutoff Valve #2: <input type="checkbox"/> Tight <input type="checkbox"/> Leaking <input type="checkbox"/> Replaced		
Backpressure: <input type="checkbox"/> Yes <input type="checkbox"/> No			Test Procedure: <input type="checkbox"/> ABPA: <input type="checkbox"/> ASSE:		
Comments:					

I certify this test to be a true operational representation of the above assembly at the time and date of this test.

Print Technician's Name: _____ Technician's Signature: _____

* Test Record must be maintained for a period of 10 years DEP-62-550.720(3)

Testing Company: Submit by e-mail (preferred) to cwalker@lakeworth.org or mail test to:
 City of Lake Worth Water and Sewer Department, c/o Cross Connection Control Program.
 1900 2nd Ave N
 Lake Worth, FL 33461
 Provide a copy to the owner.



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 Where the Tropics Begin
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WATER AND SEWER DEPARTMENT

1900 2nd Avenue North · Lake Worth, Florida 33461 · Phone: 561-586-1719

CROSS-CONNECTION CONTROL QUESTIONNAIRE

INFORMATION FURNISHED BY:

Customer: _____ Date: _____

Account #: _____

Address: _____

Phone: _____ Fax: _____

Report by: _____

Title: _____

1. Is there another source of water to your property other than the service connection to City of Lake Worth Utilities, i.e., a private well, irrigation from lake water? YES NO
2. Do you presently have or are you planning to install a pool or irrigation system which will be furnished water from City of Lake Worth Utilities? YES NO
3. Are any facilities (such as a booster pump, elevated tank, etc.) installed to increase water pressure above the supply pressure presently provided by City of Lake Worth Utilities? YES NO
4. Are toxic chemicals used in your operation? YES NO
5. Are ejectors used in your operation? YES NO
6. Is water recycled during the operation of your air conditioner or other equipment in your plant? YES NO
7. Are water supply lines submerged in tanks, vats, etc.? YES NO
8. Are backflow prevention devices installed in your plumbing? YES NO

Comments: (City of Lake Worth Use)



WATER AND SEWER DEPARTMENT

1900 2nd Avenue North · Lake Worth, Florida 33461 · Phone: 561-586-1719

CROSS-CONNECTION SURVEY/INSPECTION CHECKLIST

Site Information:

Inspection Date: _____ Time: _____

Facility Name: _____ Contact Person _____

Contact Person: _____ Phone: _____ E-Mail: _____

Service Address: _____ City: _____ State: _____ Zip: _____

Customer Account #: _____ Water Meter Number: _____ Reading: _____

Use of Property: Commercial Industrial Multi Family (# of Units _____) Single Family

Number of Buildings on Premises: _____ Number of Main Service Line Connections: _____

Number of Stories: _____ Number of Main Service Line Connections: _____

Property has Irrigation Facilities served by City Water: Yes No

Property has Irrigation Facilities served by Alternate Water Source: Yes No

Property has Irrigation Facilities served by City Water: Yes No

Property has a Fire Sprinkler System: Yes No

Property has a Fire Hydrants inside the Property Lines: Yes No

Property has a Swimming Pool or Jacuzzi Spa: Yes No

Property Requires Continuous Water Flow (Parallel Installation Required): Yes No

Property Booster Pumps to boost System Pressure: Yes No

Property has Water Recirculation Facilities (Cooling Tower): Yes No

Property has Water Expansion Tanks: Yes No

Property has Boiler Feed Facilities: Yes No

Property has Water Cooled Solar System: Yes No

Property has an Auxiliary Water Supply (Irrigation, etc): Yes No

Property has Medical Facilities: Yes No

Property has Laboratory Facilities: Yes No

Property has Photographic Development Facilities: Yes No

Property has Chemical Storage Facilities: Yes No

Property has Commercial Kitchen/Restaurant Facilities: Yes No

Property has Water Softening Facilities: Yes No

Property has Water Treatment Facilities: Yes No

Property has Sanitary Sewer Pumping Facilities: Yes No

Property has Baptismal Facilities: Yes No

Property has Ornamental Fountains: Yes No

Provide a sketch of services on the drawings page. Where cross-connections are found, note whether protected or not and if tested.

Degree of Facility Hazard: High Low None

Print Inspector's Name: _____ Inspector's Signature: _____



City of Lake Worth
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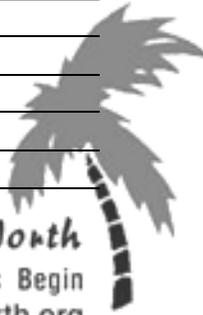
WATER AND SEWER DEPARTMENT

1900 2nd Avenue North · Lake Worth, Florida 33461 · Phone: 561-586-1719

Backflow Information:

#	Type	Make	Model	Size	Serial #	Approved Device	Type of Use	Points of Use Protection
1						<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Potable (Domestic) <input type="checkbox"/> Fire Suppression System <input type="checkbox"/> Fire Leak Detector Line <input type="checkbox"/> Irrigation <input type="checkbox"/> Alternate Water/Reclaimed	<input type="checkbox"/> Containment <input type="checkbox"/> Containment by Isolation <input type="checkbox"/> Isolation
2						<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Potable (Domestic) <input type="checkbox"/> Fire Suppression System <input type="checkbox"/> Fire Leak Detector Line <input type="checkbox"/> Irrigation <input type="checkbox"/> Alternate Water/Reclaimed	<input type="checkbox"/> Containment <input type="checkbox"/> Containment by Isolation <input type="checkbox"/> Isolation
3						<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Potable (Domestic) <input type="checkbox"/> Fire Suppression System <input type="checkbox"/> Fire Leak Detector Line <input type="checkbox"/> Irrigation <input type="checkbox"/> Alternate Water/Reclaimed	<input type="checkbox"/> Containment <input type="checkbox"/> Containment by Isolation <input type="checkbox"/> Isolation
4						<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Potable (Domestic) <input type="checkbox"/> Fire Suppression System <input type="checkbox"/> Fire Leak Detector Line <input type="checkbox"/> Irrigation <input type="checkbox"/> Alternate Water/Reclaimed	<input type="checkbox"/> Containment <input type="checkbox"/> Containment by Isolation <input type="checkbox"/> Isolation
5						<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Potable (Domestic) <input type="checkbox"/> Fire Suppression System <input type="checkbox"/> Fire Leak Detector Line <input type="checkbox"/> Irrigation <input type="checkbox"/> Alternate Water/Reclaimed	<input type="checkbox"/> Containment <input type="checkbox"/> Containment by Isolation <input type="checkbox"/> Isolation
6						<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Potable (Domestic) <input type="checkbox"/> Fire Suppression System <input type="checkbox"/> Fire Leak Detector Line <input type="checkbox"/> Irrigation <input type="checkbox"/> Alternate Water/Reclaimed	<input type="checkbox"/> Containment <input type="checkbox"/> Containment by Isolation <input type="checkbox"/> Isolation
7						<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Potable (Domestic) <input type="checkbox"/> Fire Suppression System <input type="checkbox"/> Fire Leak Detector Line <input type="checkbox"/> Irrigation <input type="checkbox"/> Alternate Water/Reclaimed	<input type="checkbox"/> Containment <input type="checkbox"/> Containment by Isolation <input type="checkbox"/> Isolation

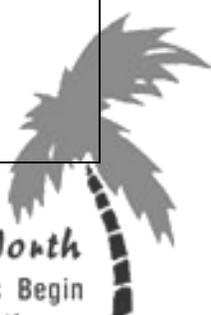
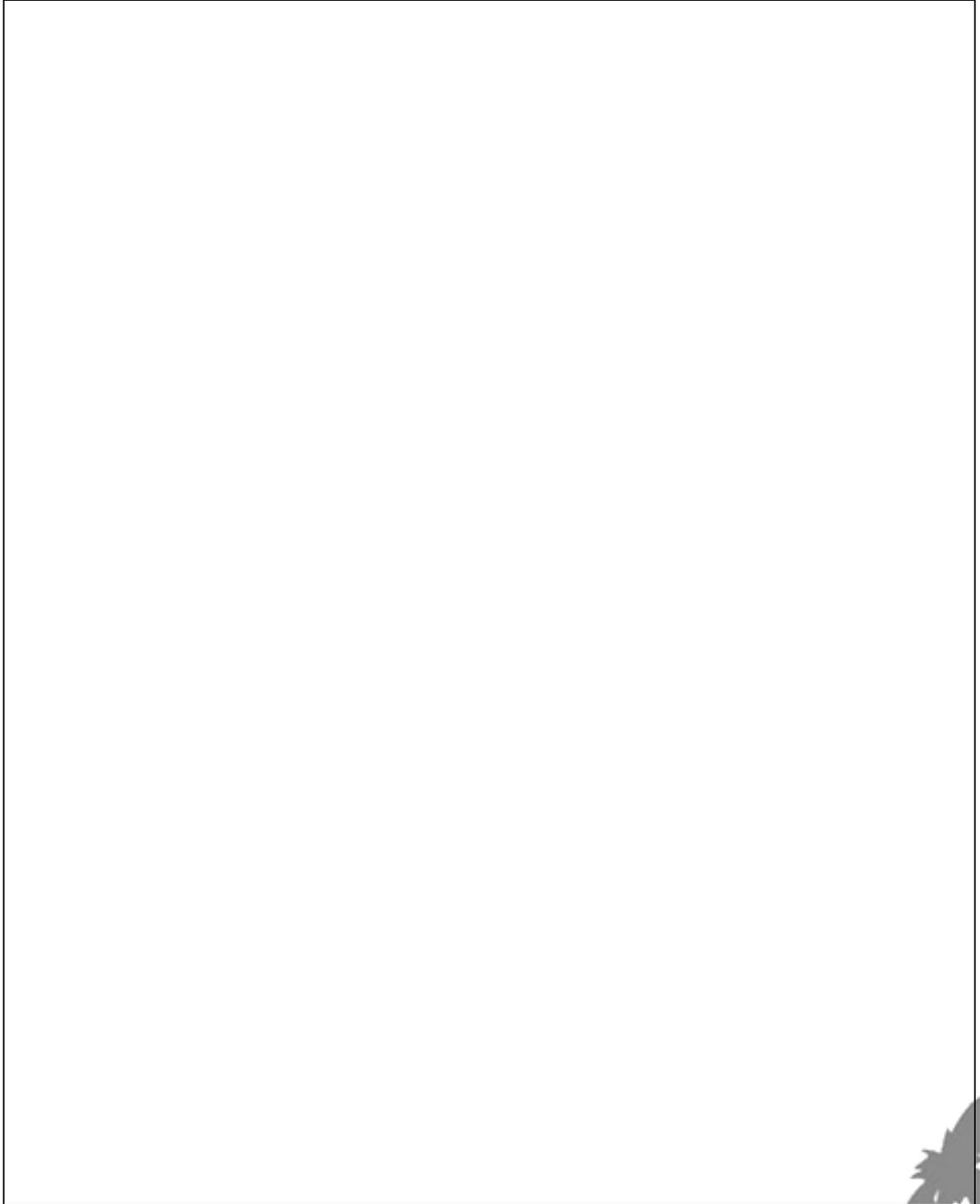
General Comments





WATER AND SEWER DEPARTMENT
1900 2nd Avenue North · Lake Worth, Florida 33461 · Phone: 561-586-1719

System Sketch:





BUILDING DIVISION
 DEPARTMENT FOR COMMUNITY SUSTAINABILITY
 CITY OF LAKE WORTH
 1900 2ND AVENUE NORTH
 LAKE WORTH, FL 33461
 561.586.1647

RIGHT OF WAY / UTILITY PERMIT APPLICATION

MASTER PERMIT NUMBER

PERMIT # / PROJECT# / JOB # (FOR OFFICE USE ONLY)

WORK LOCATION

ADDRESS _____
 FLOOR/BAY/SUITE/APT # _____
 SUBDIVISION _____ BLOCK _____ LOT _____
 PARCEL ID# **38 - 43 - 44-** _____

CONTRACTOR

QUALIFIER NAME _____
 COMPANY NAME _____
 ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 STATE LIC. OR COMPETENCY # _____
 PHONE# _____ CELL# _____
 E-MAIL _____

PERMIT TYPE (CHECK ALL THAT APPLY)

STRUCTURE DEMOLITION ELECTRICAL
 WATER MAIN SANITARY SEWER
 STORMWATER DRIVEWAY ROADWAY
 CURB / SIDEWALK FENCE MAINTENANCE OF TRAFFIC
 GAS MAIN STRIPING / SIGNAGE
 IRRIGATION TELECOMMUNICATIONS
 UTILITY INSTALLATION (FPL, ATT, COMCAST, ETC.)
 LANDSCAPE OTHER _____

OWNER OF RECORD

NAME LAST _____ FIRST _____ MI _____
 ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 PHONE _____ CELL _____
 TENANT NAME _____

DESCRIBE PROJECT IN DETAIL

PROJECT VALUE \$ _____

IS THIS PROJECT LOCATED WITHIN THE INCORPORATED LIMITS OF THE CITY? YES NO (Provide Site Plan & Conditions of Other City Limits)

IS AN OPEN CUT OF THE PAVEMENT, SIDEWALK, OR OTHER AREA PROPOSED? YES NO

PRIMARY PERMIT FEES SHALL INCLUDE THE FEES FOR SUBPERMITS, PROVIDED THAT ALL APPLICABLE SUBCONTRACTOR QUALIFIER SIGNATURES ARE ON THE APPLICATION AND PLANS INCLUDE THE DETAILS OF ALL SUBCONTRACTOR WORK. **FAILURE TO INCLUDE THE REQUIRED INFORMATION AT THE TIME OF APPLICATION SHALL REQUIRE THAT A SEPARATE PERMIT BE ISSUED WITH APPROPRIATE FEES BEING CHARGED TO THE APPLICANT. CURRENT REGISTRATION REQUIRED AT TIME OF SUBMITTAL.**

Contractor: _____	DATE _____	STATE LIC/CERT. OF COMPETENCY _____	PERMIT # _____
Qualifier/Agent Signature _____			
Subcontractor: _____	DATE _____	STATE LIC/CERT. OF COMPETENCY _____	SUB PERMIT # _____
Qualifier/Agent Signature _____			
Subcontractor: _____	DATE _____	STATE LIC/CERT. OF COMPETENCY _____	SUB PERMIT # _____
Qualifier/Agent Signature _____			

NOTICE TO PROPERTY OWNERS

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

BEFORE ANY WORK IS DONE BY YOU OR YOUR CONTRACTOR, IMMEDIATELY FILE FOR AND RECORD A NOTICE OF COMMENCEMENT WITH THE OFFICE OF THE CLERK OF THE CIRCUIT COURT. THIS STEP IS REQUIRED BY THE FLORIDA CONSTRUCTION LIEN LAW.

IF YOU HAVE HIRED A CONTRACTOR TO DO THE WORK, MAKE SURE THAT THE CONTRACTOR OBTAINS THE PERMIT. THE CONTRACTOR'S SIGNATURE INDICATES HE OR SHE IS RESPONSIBLE FOR THE WORK, AND IF THE WORK IS NOT PERFORMED ACCORDING TO CODE, THE CITY CAN REQUIRE CORRECTIVE ACTION BY THE PARTY WHO OBTAINED THE PERMIT. FURTHERMORE, IF THE CONTRACTOR IS NOT LICENSED, YOU CAN BE IN VIOLATION OF STATE LAW BY ALLOWING AN UNLICENSED PERSON TO DO THIS WORK.

SINCE YOU OR YOUR CONTRACTOR HAVE APPLIED FOR A BUILDING PERMIT FOR WORK TO BE DONE ON PROPERTY YOU OWN, YOU SHOULD BE AWARE THAT:

ANY PERSON WHO FURNISHED LABOR (A CONTRACTOR, SUBCONTRACTOR OR LABORER) OR SUPPLIES MATERIALS FOR YOUR HOME REPAIR, IMPROVEMENT OR NEW CONSTRUCTION MAY BE ABLE TO FILE A CLAIM (CALLED A LIEN) AGAINST YOU IF HE HAS NOT BEEN PAID BY YOUR CONTRACTOR OR YOU. YOU ARE LIABLE TO SUBCONTRACTORS OR SUPPLIERS IF THEY ARE NOT PAID BY YOUR CONTRACTOR OR YOURSELF.

AT THE COMPLETION OF WORK, REQUIRE THE CONTRACTOR TO GIVE YOU A SWORN NOTARIZED STATEMENT INDICATING ALL BILLS FOR LABOR AND MATERIALS HAVE BEEN PAID OR A LIST NAMING THOSE SUPPLYING LABOR AND MATERIALS THAT HAVE NOT BEEN PAID. ASK FOR THE AFFIDAVIT BEFORE MAKING THE LAST PAYMENT.

UNLICENSED CONTRACTORS: NO PERSON SHALL ENGAGE IN BUSINESS OR ACT IN THE CAPACITY OF A CONTRACTOR WITHOUT BEING DULY REGISTERED OR CERTIFIED. ANY PERSON WHO VIOLATES THIS PROVISION IS GUILTY OF A MISDEMEANOR OF THE FIRST DEGREE AND MAY BE PUNISHED BY A PRISON TERM NOT EXCEEDING ONE (1) YEAR AND/OR A FINE NOT TO EXCEED \$1,000 (SECTION 489.127 FLORIDA STATUTES).

FEE SIMPLE TITLEHOLDER (If other than owner) Name _____ Address _____ City _____ State _____ Zip _____	MORTGAGE LENDER Name _____ Address _____ City _____ State _____ Zip _____
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BONDING COMPANY Name _____ Address _____ City _____ State _____ Zip _____	ARCHITECT/ENGINEER/RESIDENTIAL PLANS CERTIFIER I CERTIFY THAT THE PLANS ACCOMPANYING THIS DOCUMENT MEET ALL REQUIREMENTS PERTAINING TO BUILDING CONSTRUCTION IN THE CITY OF LAKE WORTH. Name _____ Signature _____ Address _____ City _____ State _____ Zip _____ Phone () _____ Cell () _____ Fax () _____
---	---

APPLICATION IS HEREBY MADE TO OBTAIN A PERMIT TO DO THE WORK AND INSTALLATIONS AS INDICATED. I CERTIFY THAT NO WORK OR INSTALLATION HAS COMMENCED PRIOR TO THE ISSUANCE OF A PERMIT AND THAT ALL WORK WILL BE PERFORMED TO MEET THE STANDARDS OF ALL LAWS REGULATING CONSTRUCTION IN THIS JURISDICTION. I UNDERSTAND THAT A SEPARATE PERMIT MUST BE ACQUIRED FOR ELECTRICAL WORK, PLUMBING, SIGNS, WELLS, POOLS, FURNACES, BOILERS, HEATERS, TANKS, ROOFING AND AIR CONDITIONERS, ETC.

OWNER'S AFFIDAVIT: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION & ZONING.

ALL SIGNATURES MUST BE ORIGINAL

Owner (Signature) _____ Print Name _____	Contractor/Agent (Signature) _____ Print Name _____
STATE OF _____ COUNTY OF _____ Sworn to (or affirmed) and subscribed to before me this _____ day of _____ 20 _____ by Owner or Agent, who has produced the following identification _____ or who is personally known to me.	STATE OF _____ COUNTY OF _____ Sworn to (or affirmed) and subscribed to before me this _____ day of _____ 20 _____ by Contractor, who has produced the following identification _____ or who is personally known to me.
Signature of Notary _____ Print Name of Notary _____	Signature of Notary _____ Print Name of Notary _____

To qualify for exemption under this subsection, **an owner must personally appear and sign the Right of Way / Utility Permit application** and must satisfy local permitting agency requirements, if any, proving that the owner has a complete understanding of the owner's obligations under the law as specified in the disclosure statement in this section. If any person violates the requirements of this subsection, the local permitting agency shall withhold final approval, revoke the permit, or pursue any action or remedy for unlicensed activity against the owner and any person performing work that requires licensure under the permit issued.

OWNER/BUILDER DISCLOSURE STATEMENT SECTION 489.103, FLORIDA STATUTES

1. I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license.

2. I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility.

3. I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed in Florida and to list his or her license numbers on permits and contracts.

4. I understand that I may build or improve a one-family or two-family residence or a farm outbuilding. I may also build or improve a commercial building if the costs do not exceed \$75,000. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease. If a building or residence that I have built or substantially improved myself is sold or leased within 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption.

5. I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction.

6. I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance.

7. I understand that it is frequent practices of unlicensed persons to have the property owner obtain an owner-builder permit that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

8. I understand that I may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on my building who is not licensed must work under my direct supervision and must be employed by me, which means that I must comply with laws requiring the withholding of federal income tax and social security contributions under the Federal Insurance Contributions Act (FICA) and must provide workers' compensation for the employee. I understand that my failure to follow these laws may subject me to serious financial risk.

9. I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern owner-builders as well as employers. I also understand that the construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

10. I understand that I may obtain more information regarding my obligations as an employer from the Internal Revenue Service, the United States Small Business Administration, the Florida Department of Financial Services, and the Florida Department of Revenue. I also understand that I may contact the Construction Industry Licensing Board at 561-233-5525 or at their website <http://www.pbcgov.com/pzb/Contractors/> for more information about licensed contractors.

11. I am aware of, and consent to an owner-builder building permit applied for in my name and understand that I am the party legally and financially responsible for the proposed construction activity at the following address

_____.

12. I agree to notify The City of Lake Worth Community Sustainability Department immediately of any additions, deletions, or changes to any of the information that I have provided on this disclosure.

Licensed contractors are regulated by laws designed to protect the public. If you contract with a person who does not have a license, the Construction Industry Licensing Board and Department of Business and Professional Regulation may be unable to assist you with any financial loss that you sustain as a result of a complaint. Your only remedy against an unlicensed contractor may be in civil court. It is also important for you to understand that, if an unlicensed contractor or employee of an individual or firm is injured while working on your property, you may be held liable for damages. If you obtain an owner-builder permit and wish to hire a licensed contractor, you will be responsible for verifying whether the contractor is properly licensed and the status of the contractor's workers' compensation coverage. Before a building permit can be issued, this disclosure statement must be completed and signed by the property owner and returned to the local permitting agency responsible for issuing the permit. A copy of the property owner's driver license, the notarized signature of the property owner, or other type of verification acceptable to the local permitting agency is required when the permit is issued.

Signature of Property Owner /Date

Printed Name of Property Owner

State of _____ County of _____

Sworn to and subscribed before me this _____ day of _____ 20__ by

who is personally known to me or has produced _____ as identification.

Notary Signature

Print, Type or Stamp Name of Notary

Place Notary Stamp Here

SUBMITTAL INSTRUCTIONS:

1. SUBMIT 4 PAPER SETS OF FULL CONSTRUCTION PLANS (MAX. PLAN SIZE 24" X 36")
2. SUBMIT LATEST SITE SURVEY
3. COST ESTIMATE FOR CONSTRUCTION WORK (ITEMIZED IF NECESSARY)
4. COMPLIANCE W/ ZONING CONDITIONS (IF APPLICABLE)
5. COPY OF ANY APPROVED APPLICABLE GOVERNMENT AGENCY PERMITS (SFWMD, LWDD, FDOT, PBCHD, FDEP, ETC.)
6. MAKE CHECK PAYABLE TO "CITY OF LAKE WORTH"



BUILDING DIVISION
 DEPARTMENT FOR COMMUNITY SUSTAINABILITY
 CITY OF LAKE WORTH
 1900 2ND AVENUE NORTH
 LAKE WORTH, FL 33461
 561.586.1647

PERMIT APPLICATION

MASTER PERMIT NUMBER _____

PERMIT NUMBER (FOR OFFICE USE ONLY) _____

WORK LOCATION

ADDRESS _____
 FLOOR/BAY/SUITE/APT # _____
 SUBDIVISION _____ BLOCK _____ LOT _____
 PARCEL ID# **38 - 43 - 44-** _____

CONTRACTOR

QUALIFIER NAME _____
 COMPANY NAME _____
 ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 STATE LIC. OR COMPETENCY # _____
 PHONE# _____ CELL# _____
 E-MAIL _____

PERMIT TYPE

<input type="checkbox"/> STRUCTURE	<input type="checkbox"/> DEMOLITION	<input type="checkbox"/> ELECTRICAL
<input type="checkbox"/> ADDITION	<input type="checkbox"/> RELOCATION	<input type="checkbox"/> MECHANICAL
<input type="checkbox"/> ALTERATION	<input type="checkbox"/> ROOFING	<input type="checkbox"/> PLUMBING
<input type="checkbox"/> REPAIR	<input type="checkbox"/> FENCE	<input type="checkbox"/> POOL
<input type="checkbox"/> FIRE SPRINKLER	<input type="checkbox"/> SIGN	<input type="checkbox"/> IRRIGATION
<input type="checkbox"/> FIRE ALARM	<input type="checkbox"/> SIDEWALK	<input type="checkbox"/> BACKFLOW
<input type="checkbox"/> DRIVEWAY	<input type="checkbox"/> GAS	<input type="checkbox"/> CHANGE OF CONTRACTOR
<input type="checkbox"/> APPROACH	<input type="checkbox"/> FUEL	<input type="checkbox"/> GENERATOR
<input type="checkbox"/> RESIDENTIAL	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> DOOR
<input type="checkbox"/> WINDOW	<input type="checkbox"/> SHUTTER	<input type="checkbox"/> OTHER

OWNER OF RECORD

NAME LAST _____ FIRST _____ MI _____
 ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 PHONE _____ CELL _____
 TENANT NAME _____

DESCRIBE PROJECT IN DETAIL

VALUE \$ _____ SQUARE FOOTAGE _____ CHANGE OF OCCUPANCY OR USE YES NO

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Building Contractor: _____ Qualifier/Agent Signature _____	DATE _____	STATE LIC/CERT. OF COMPETENCY _____	BUILDING PERMIT # _____
Electrical Contractor: _____ Qualifier/Agent Signature _____	DATE _____	STATE LIC/CERT. OF COMPETENCY _____	ELECTRICAL PERMIT # _____
Mechanical Contractor: _____ Qualifier/Agent Signature _____	DATE _____	STATE LIC/CERT. OF COMPETENCY _____	MECHANICAL PERMIT # _____
Plumbing Contractor: _____ Qualifier/Agent Signature _____	DATE _____	STATE LIC/CERT. OF COMPETENCY _____	PLUMBING PERMIT # _____
Roofing Contractor: _____ Qualifier/Agent Signature _____	DATE _____	STATE LIC/CERT. OF COMPETENCY _____	ROOFING PERMIT # _____

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FEE SIMPLE TITLEHOLDER (If other than owner)	MORTGAGE LENDER
Name _____	Name _____
Address _____	Address _____
City _____ State _____ Zip _____	City _____ State _____ Zip _____

BONDING COMPANY	ARCHITECT/ENGINEER/RESIDENTIAL PLANS CERTIFIER
Name _____	I CERTIFY THAT THE PLANS ACCOMPANYING THIS DOCUMENT MEET ALL REQUIREMENTS PERTAINING TO BUILDING CONSTRUCTION IN THE CITY OF LAKE WORTH.
Address _____	Name _____
City _____ State _____ Zip _____	Signature _____
	Address _____
	City _____ State _____ Zip _____
	Phone () _____ Cell () _____ Fax () _____

APPLICATION IS HEREBY MADE TO OBTAIN A PERMIT TO DO THE WORK AND INSTALLATIONS AS INDICATED. I CERTIFY THAT NO WORK OR INSTALLATION HAS COMMENCED PRIOR TO THE ISSUANCE OF A PERMIT AND THAT ALL WORK WILL BE PERFORMED TO MEET THE STANDARDS OF ALL LAWS REGULATING CONSTRUCTION IN THIS JURISDICTION. I UNDERSTAND THAT A SEPARATE PERMIT MUST BE ACQUIRED FOR ELECTRICAL WORK, PLUMBING, SIGNS, WELLS, POOLS, FURNACES, BOILERS, HEATERS, TANKS, ROOFING AND AIR CONDITIONERS, ETC.

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ALL SIGNATURES MUST BE ORIGINAL

Owner (Signature) _____ Print Name _____	Contractor/Agent (Signature) _____ Print Name _____
STATE OF _____ COUNTY OF _____ Sworn to (or affirmed) and subscribed to before me this _____ day of _____ 20 _____ by Owner or Agent, who has produced the following identification _____ or who is personally known to me.	STATE OF _____ COUNTY OF _____ Sworn to (or affirmed) and subscribed to before me this _____ day of _____ 20 _____ by Contractor, who has produced the following identification _____ or who is personally known to me.
_____ Signature of Notary _____ Print Name of Notary	_____ Signature of Notary _____ Print Name of Notary

City of Lake Worth Engineering Plan Review Checklist

General

- Plans Signed and Sealed by State of Florida Registered Professional Engineer
- (2) 24" x 36" copies submitted, along with legible PDF file
- Have all existing and proposed utilities (Water, Sewer, Storm drainage, Gas, Electric, Cable etc) been shown on the plan, based on recent information from utility companies, including size, material and depth?
- Have City of Lake Worth Details and General Construction notes been included in the drawings?
- Are dimensions of all Rights of Way widths and utility easements shown on the drawings?
- Has the Engineering Site Plan Review Fee been paid to the Building Department?

Water

- Has the Water Reserved Capacity Charge been paid to the Building Department?
- Has Palm Beach County Health Department approval been obtained? If so, include a copy of the permit with the submittal.
- Include Fire Flow calculations based on a recent fire flow test
- A 15 ft City of Lake Worth Utilities Easement is to be centered on all proposed distribution system extensions to serve the project. This does not include service lines.

Sewer

- Has the Sewer Reserved Capacity Fee been paid to the Building Department?
- Has Palm Beach County Health Department approval been obtained? If so, include a copy of the permit with the submittal.
- Will the proposed project be served by an existing or proposed lift station? If so, include lift station calculations.
- If a private Lift Station is proposed, include a proposed maintenance plan for the station.

Storm

- Has South Florida Water Management District approval been obtained? If so, include the SFWMD permit, or letter stating the permit is not required.
- Has Florida Department of Environmental Protection approval been obtained? If so, include the FDEP permit, or letter stating the permit is not required.
- Does the property fall within the LWDD jurisdiction? If so, include LWDD approval.
- Include a Stormwater Pollution Prevention Plan (SWPPP) with the design drawings.
- Include proposed drainage calculations and drainage statement from a State of Florida registered Professional Engineer.
- Cross sections must be shown along each property line, and through all proposed retention/ detention ponds and lakes. Section lines must be shown on the Paving Grading and Drainage Plan.