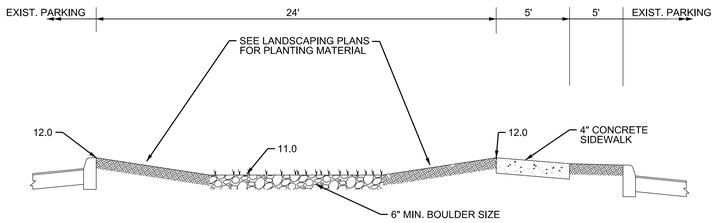


BIOSWALE DETAIL

N.T.S.

Bioswales

Help Us Help the Environment

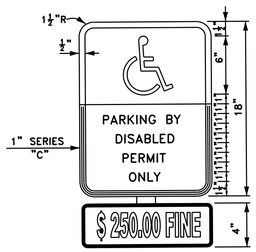
Definition:
A bioswale or vegetated swale is a form of bioretention used to partially treat water quality, attenuated flooding potential and convey storm water away from critical infra-structure

Objective:
The function of these open-channel (broad) drainage ways is to convey storm water runoff. They are often used as an alternate to, or an enhancement of, traditional storm water piping. Bioswales are often integrated into parking lot and road medians and parallel to roadways to infiltrate and treat a portion of the storm water volume, filtering it before it goes back into the environment.

Please Stay Out of the Swales

BIOSWALE INFORMATIONAL SIGN

N.T.S.

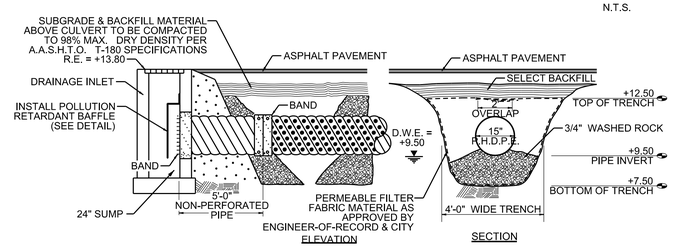


NOTES:

1. Top portion of FTP 25 shall have a reflective blue background with white reflective symbol and border.
2. Bottom portion shall have a reflective white background with black opaque legend and border.
3. FTP 26 may be fabricated on one panel or two.
4. FTP 25 is for use in areas where space is limited.

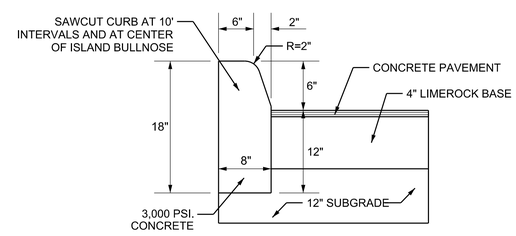
HANDICAP SIGN

F.D.O.T. INDEX NO. 17355
INSTALL SIGN IN FRONT OF HANDICAP SPACE



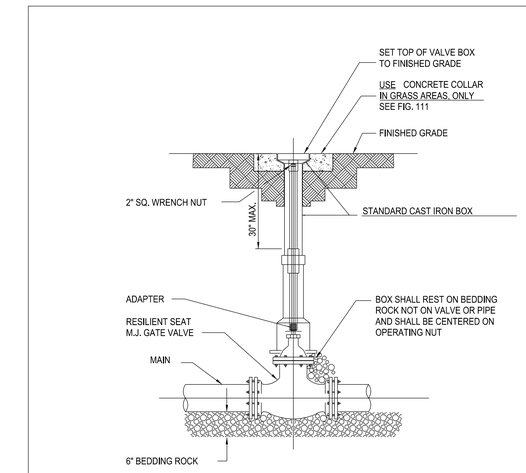
EXFILTRATION TRENCH DETAIL

N.T.S.



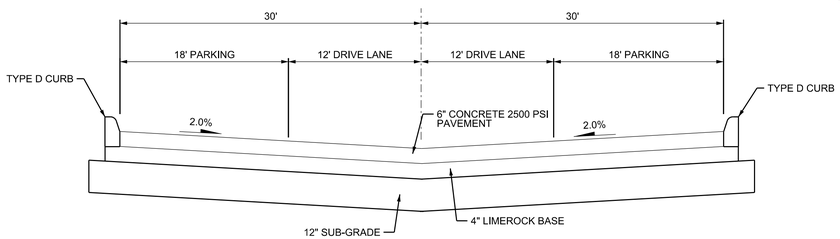
TYPE "D" CONCRETE CURB DETAIL

N.T.S.



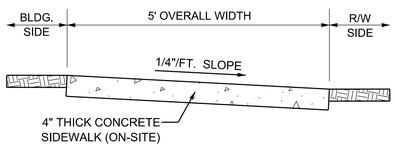
NOTES:
WHEN VALVE IS NOT LOCATED IN PAVEMENT, PLACE A WHITE PAVEMENT REFLECTOR MARKER IN THE DRIVE LANE, ADJACENT TO THE VALVE.

			CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT			
			GATE VALVE AND BOX DETAIL			
April 2006	Adopted Cast Iron Box - Other					
Date	Revisions	Appr. by	Date: Nov. 1999	Scale: N.T.S.	Dwg: F115	Fig: 115



TYPICAL PARKING LOT SECTION

N.T.S.

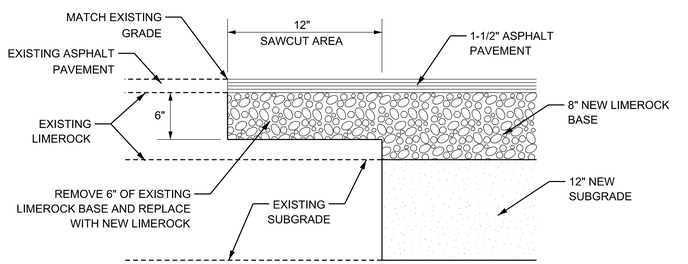


NOTES

1. PROVIDE 1/8" CONSTRUCTION JOINTS AT 5' O/C, MINIMUM DEPTH 1/2".
2. PROVIDE 1/2" EXPANSION JOINTS WITH NON-RISING FILLER AT 20' O/C, TO RUN FULL DEPTH OF SLAB.
3. CONCRETE TO BE 3,000 P.S.I. IN 28 DAYS.
4. CURE ALL CONCRETE WITH CLEAN SAND, PLASTIC MEMBRANE, OR OTHER APPROVED METHOD.

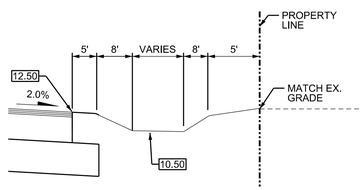
CONCRETE SIDEWALK DETAILS

N.T.S.



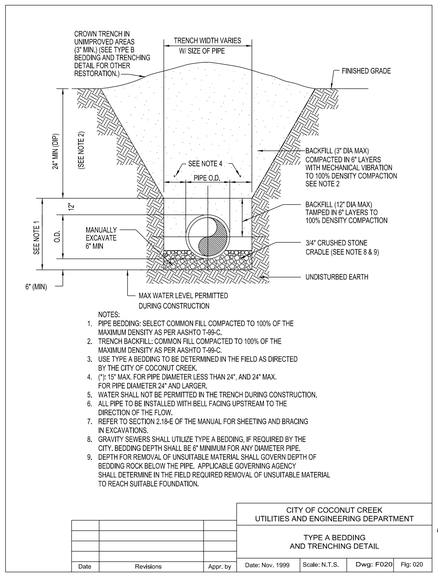
ASPHALT CONNECTION DETAIL

N.T.S.



RETENTION AREA SECTION

N.T.S.



NOTES:
1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 100% OF THE MAXIMUM DENSITY AS PER ASHTO T-99-C.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 100% OF THE MAXIMUM DENSITY AS PER ASHTO T-99-C.
3. USE TYPE A BEDDING TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CITY OF COCONUT CREEK.
4. (*) 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. REFER TO SECTION 2.18-E OF THE MANUAL FOR SHEETING AND BRACING IN EXCAVATIONS.
8. GRAVITY SEWERS SHALL UTILIZE TYPE A BEDDING. IF REQUIRED BY THE CITY, BEDDING DEPTH SHALL BE 6" MINIMUM FOR ANY DIAMETER PIPE.
9. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. APPLICABLE GOVERNING AGENCY SHALL DETERMINE IN THE FIELD REQUIRED REMOVAL OF UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION.

			CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT			
			TYPE A BEDDING AND TRENCHING DETAIL			
Date	Revisions	Appr. by	Date: Nov. 1999	Scale: N.T.S.	Dwg: F020	Fig: 020

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS
1	2/20/17	JMH	REVISE PER DRC COMMENTS				

Designed by: JH Date: 12/16
Drawn by: AQ Date: 12/16
Checked by: JH Date: 12/16

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1489 West Palmetto Park Road, Suite 340
Boca Raton, Florida 33486 · 561.392.0221
C26258 · LB7924

INFINITI OF COCONUT CREEK

CONCEPTUAL ENGINEERING DETAILS

SCALE: N.T.S.
PROJECT NUMBER: 1604-27
SHEET NUMBER: CE-2

Jay Huebner
Digitally signed by Jay Huebner
DN: c=US, st=Florida, l=Boca Raton, o=Hsq Group, cn=Jay Huebner, email=jay@hsqgroup.net
Date: 2017.06.27 13:12:16 -04'00'

6/22/2017
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