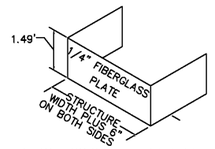
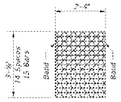
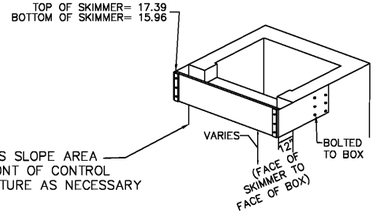


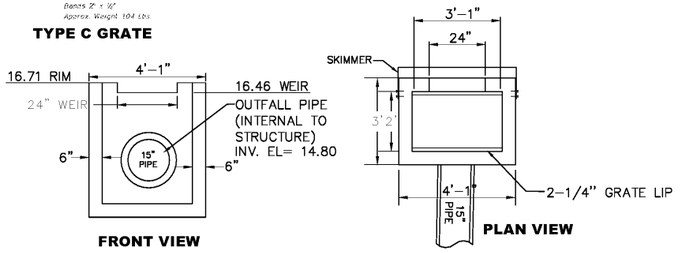
FIBERGLASS SKIMMER (TYP.)



TYPE C
Straight Bars 2" x ½"
Reticuline Bars 1'6" x 8.5"
Bands 2" x ¼"
Approx. Weight 104 Lbs.

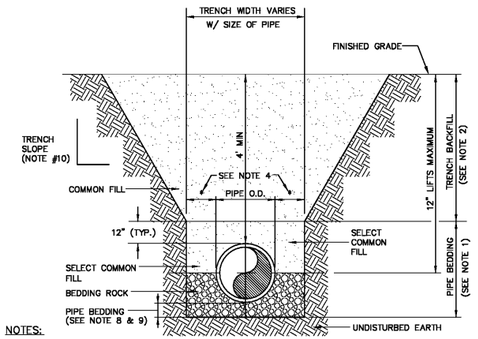
TYPE C GRATE





DISCHARGE CONTROL STRUCTURE
MODIFIED TYPE C INLET

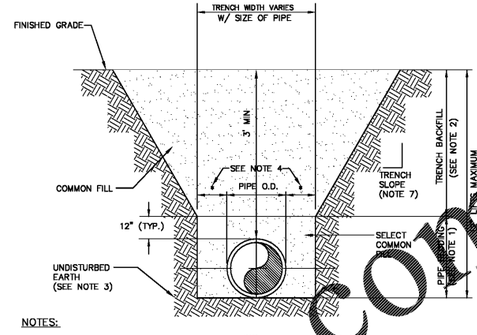
N.T.S



NOTES:

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180. (98% DENSITY REQUIRED UNDER PAVEMENT, DRIVEWAYS AND STRUCTURES.)
3. USE TYPE "A" BEDDING TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE AHJ.
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 FLOW.
7. REFER TO SECTION 32.5 OF THE MANUAL FOR SHEETING AND BRACING IN EXCAVATIONS.
8. GRAVITY SEWERS SHALL UTILIZE TYPE "A" BEDDING, WHERE UNSUITABLE MATERIAL EXISTS, BEDDING DEPTH SHALL BE 4" MINIMUM FOR PIPE DIAMETER LESS THAN 15", AND 6" MINIMUM FOR PIPE DIAMETER 18" AND LARGER.
9. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. CITY SHALL DETERMINE IN THE FIELD REQUIRED REMOVAL OF UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION.
10. REFER TO OSHA REQMTS. FOR SLOPING, SHEETING AND BRACING IN EXCAVATIONS.

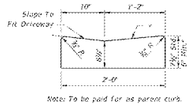
STANDARD CONSTRUCTION DETAIL
TYPE "A" BEDDING AND TRENCH DETAIL
(SPECIAL GRAVITY SEWER INSTALLATIONS)



NOTES:

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180. (98% DENSITY REQUIRED UNDER DRIVEWAYS, PAVEMENT AND STRUCTURES).
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK IN ACCORDANCE WITH TYPE "A" BEDDING AND TRENCH DETAIL MAY BE REQUIRED AS DIRECTED BY THE AHJ.
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 FLOW.
7. REFER TO OSHA REQUIREMENTS FOR SLOPING, SHEETING AND BRACING IN EXCAVATIONS.
8. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES. SURFACE RESTORATION WITHIN RIGHT-OF-WAY SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS AND ROAD CONSTRUCTION SPECIFICATIONS.

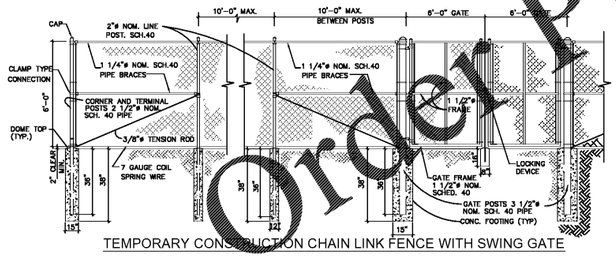
STANDARD CONSTRUCTION DETAIL
TYPE "B" BEDDING AND TRENCH DETAIL
(TYPICAL FOR WATER, SEWER, FORCE MAIN, STORM DRAIN AND RECLAIMED WATER MAIN INSTALLATIONS)



DROP CURB

FDOT DROP CURB DETAIL
(FDOT INDEX 520-001)

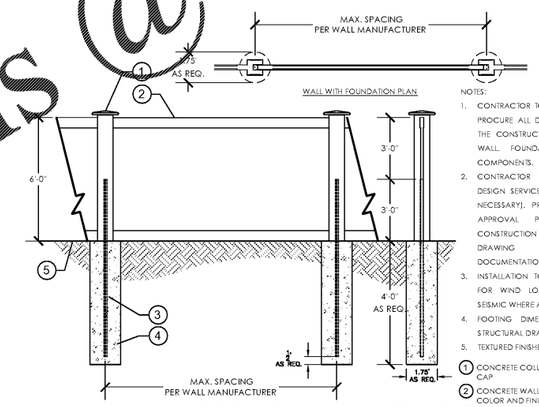
N.T.S



TEMPORARY CONSTRUCTION CHAIN LINK FENCE WITH SWING GATE

NOT TO SCALE

NOTE: ALTERNATE FENCING IS PERMITTED AT THE CONTRACTOR'S DISCRETION AND OWNER'S COORDINATION.



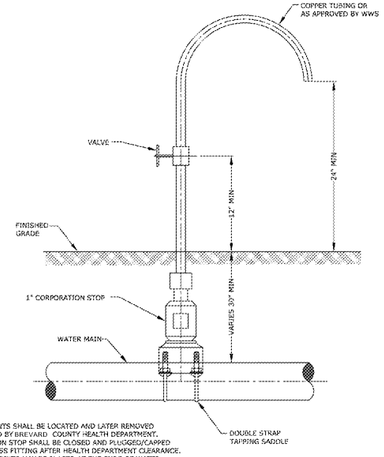
NOTES:

1. CONTRACTOR TO OBTAIN BUILDING PERMIT AND PROCURE ALL DOCUMENTATION REQUIRED FOR THE CONSTRUCTION OF MODULAR CONCRETE WALL. FOUNDATIONS, COLUMNS AND ITS COMPONENTS.
2. CONTRACTOR SHALL PROCURE STRUCTURAL DESIGN SERVICES AT THEIR OWN EXPENSE (AS NECESSARY). PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO PERMITTING & CONSTRUCTION FOR THE REQUIRED STRUCTURAL DRAWING CALCULATIONS AND DOCUMENTATION OF THE PROPOSED WALL.
3. INSTALLATION TO COMPLY WITH ENGINEERING FOR WIND LOADS, SOIL CONDITIONS (AND SEISMIC WHERE APPLICABLE).
4. FOOTING DIMENSIONS VARY PER REQUIRED STRUCTURAL DRAWINGS FOR SITE CONDITIONS.
5. TEXTURED FINISHES TO BE DETERMINED BY OWNER.

1. CONCRETE COLUMNS WITH DECORATIVE CAP
2. CONCRETE WALL PANELS: COLOR AND FINISH TO BE DETERMINED
3. RIGID SUPPORT, SIZED AS REQUIRED
4. FOOTER, SIZED AS REQUIRED
5. FINISH GRADE

MODULAR PRECAST CONCRETE PANEL WALL

N.T.S



1. SAMPLE POINTS SHALL BE LOCATED AND LATER REMOVED AS REQUIRED BY BREVARD COUNTY HEALTH DEPARTMENT.
2. CORPORATION STOP SHALL BE CLOSED AND PLUGGED/CAPPED WITH A BRASS FITTING AFTER HEALTH DEPARTMENT CLEARANCE.
3. SAMPLING POINTS MAY BE PLACED AT THE ENDS OF WATER SERVICES BEFORE THE METERS AND ON BLOW OFFS FOR TERMINAL WATER MAINS, WHERE SERVICES AND BLOW OFFS ARE REQUIRED BY THE PLANS.

SAMPLING POINT

N.T.S

REMOVAL OF EXFILTRATION SECTIONS AND ADS DETAILS

Order Plans @ WWW.LDRIne.com

JEFFREY LUCAS P.E.
FLORIDA REG. NO. 71621

JEFFREY A. LUCAS LICENSE No 71621 STATE OF FLORIDA PROFESSIONAL ENGINEER

NOTICE
The information in this document was prepared by ATKINS, Inc. While ATKINS has taken all reasonable steps to assure the accuracy of the information contained in this document, it cannot guarantee that changes or alterations to this document will not be made by persons other than ATKINS personnel after the document leaves the possession of ATKINS. Changes or alterations may be safety related and result in damage to property, personal injury or death. If verification of the information contained in this document is needed, contact should be made directly with ATKINS.

This document must be compared to the original hard copy, with certified raised seal if applicable, in order to insure the accuracy of the information contained therein and to further insure that no changes, alterations or modifications have been made to the document. No reliance should ever be made on a documentation transmitted or reviewed by computer or other electronic means unless it is first compared to the original. ATKINS makes no warranties, express or implied, concerning the accuracy of the information contained in any document transmitted or reviewed by computer or other electronic means.

Rev.	Date	Description	By	Chk'd	Appr'd
1	11/7/18	BREVARD COUNTY COMMENTS	DF	PM	
2	12/10/18	BREVARD COUNTY COMMENTS	DF	PM	
3	03/04/19	BREVARD COUNTY COMMENTS	DF	JL	
4	03/24/19	BREVARD COUNTY COMMENTS	DF	JL	
5	09/30/19	PER CLIENT COMMENTS	DF	DF	JL

Drawing Status: FOR PERMITTING
Suitability: S0

ATKINS
LOCAL OFFICE:
7175 MURRELL ROAD
MELBOURNE, FL 32940
TEL. 321.242.4942
FAX. 321.242.6101

CORPORATE OFFICE:
4030 W. BOY SCOUT BLVD
TAMPA, FLORIDA 33607
FBPR CERTIFICATE OF AUTHORIZATION NO.24
www.atkinsglobal.com

Copyright © Atkins Limited (2017)

Client: Cumberland Farms
CUMBERLAND FARMS INC.
165 FLANDERS ROAD
WESTBOROUGH, MA 01581

Project Title
MICCO ROAD & US-1
BREVARD COUNTY, FL
100060192

Drawing Title
CONSTRUCTION DETAILS

Scale	Designed	Drawn	Checked	Authorized
	JL	DF		
Original Size: ARCH D	Date	Date	Date	Date

Drawing Number: CFG09.1
Revision:

User: PERE4816
G:\PROJECTS\100060192 - CF - Micco - Micco Rd & US-1\10 CAD\CFG09.8 BREVARD COUNTY PUBLIC WORKS NOTES.dwg