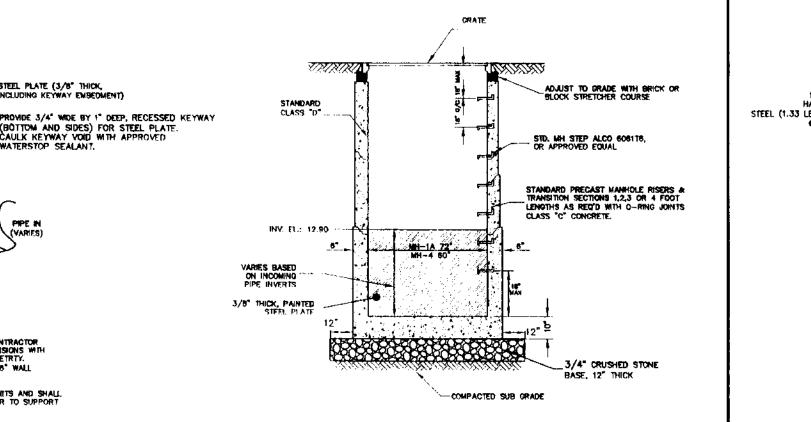


- 3. MAINTENANCE INSPECT ONCE EVERY WEEK OR AFTER EVERY STORM EVENT, WHICHEVER COMES FIRST. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT, THE STONES MUST BE PULLED
- 4. THIS FILTERING DEVICE HAS NO OVERFLOW MECHANISM. THEREFORE, PONDING IS LIKELY ESPECIALLY
- 5. ALTERNATE STORM DRAIN INLET PROTECTION METHODS AS SHOWN IN THE FLORIDA EROSION AND SEDIMENT CONTROL INSPECTION'S MANUAL MAY BE USED, IF APPROVED BY THE GOVERNING AGENCIES AND THE ENGINEER OF RECORD

CURB INLET PROTECTION



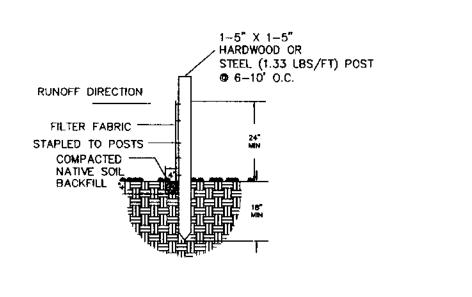
WRE OR NYLON BOUND BALES PLACED ON THE CONTOUR

2 RE-BARS, STEEL PICKETS, OF 2"x2" STAKES 1 1/2' TO 2' IN

INSPECT ONCE EVERY WEEK OR AFTER EVERY STORM EVENT. HAYBALE BARRIERS WILL BE REMOVED WHEN CLOGGED WITH SEDIMENTS. MATERIALS MUST BE WASHED COMPLETELY FREE OF ALL FOREIGN MATERIALS OR NEW HAYBALE PARIES NUMBERS AND THE PROPERTY OF THE PROP

HAYBALE BARRIERS MUST HE USED TO REBUILD THE

FOR ADDITIONAL STRENGTH FILTER FABRIC MATERIAL CAN BE ATTACHED TO A 6-INCH(MAX) MESH WIRE SCREEN WHICH HAS BEEN FASTENED TO THE POST STEEL (1.33 LBS/FT) POST Ø 6-10' O.C ANCHOR TRENCH TO BE BACKFILLED WITH EXISTING MATERIAL FINISHED GRADE



IN AREAS WHERE ANCHOR TRENCH CANNOT BE DUG, FABRIC WILL BE LAID ON SURFACE AND COVERED WITH MINIMUM 4" DEPTH OF SOIL.

SILT FENCE

2,000 p.s.f. against undisturbed soil.

2.5 feet

150 p.s.i.

____Lindle Of Const

· Pile Lamillans

Credito Or FIR Afric - Maying Bully in/Andie

> ____ Store Line ---

TURBIDITY BARRIER DETAIL

Basemap (Boundary and Topographic Information) referenced from electronic file received from David & Gerchar, Inc., on March 08, 2006. Elevations shown refer to

horses. L. Periodity hurriers are to be used to all permissed busine of sector expensions of under daylin.

Deployment of Emriar around pile isostions may very in measurable construction operations.

2. Horder and specing of unders dependent as surroug relativies.

C. Haripation may require angusonling barrier during administration operations.

5. For additional information see Souther 134 of the Standard Specifications

g Physi Murathed GAM - Sheel Codes '9800 (Se. Streeting Streets) VI hitshited Consequent (Paul Free

WITHER COMPONENTS OF TYPES I AND IT HAS BE SHELLED OR EMETTICAL.
TO PROPERTY HAVE BERNOON, ANY HEPARKEMENT ON THE PROPERTY OF
THE SCEN. SHEETTETTIGHT FOR TYPES I AND IT SHALL BE AS
APPRICADED BY THE GROWERS.

TYPE II

⋍≕⋍⋍⋺⊷

- CONTRACTOR SHALL NOTIFY ONE CALL OF FLORIDA, AND ANY OTHER UTILITY COMPANIES NOT REPRESENTED BY ONE CALL OF FLORIDA 72 HOURS PRIOR TO CONSTRUCTION FOR LOCATION OF EXISTING UTILITIES. CALL ONE CALL OF FLORIDA AT 1-800-432-4770.
- 3. THE CONTRACTOR SHALL BE FAMILIAR WITH THE CITY OF COCONUT CREEK UTILITY AND ENGINEERING STANDARDS. ALL WORK MUST COMPLY WITH THESE STANDARDS UNLESS SPECIFICALLY OTHERWISE APPROVED. IF DEVIATIONS EXIST ON THE CONTRACT DOCUMENTS, THE CITY STANDARDS WILL GOVERN 4. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE UNDERGROUND DRAINAGE SYSTEM IS DESIGNED TO WITHSTAND H-20 LOADING CONDITIONS. IF DURING CONSTRUCTION LOADING CONDITIONS GREATER THAN H-20 ARE ANTICIPATED OVER THE DRAINAGE SYSTEM, THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT DANAGE TO THE DRAINAGE PIPES. ANY DAMAGE TO INSTALLED
- 5. STRUCTURES SHOWN ON THESE DRAWINGS INCLUDING BUT NOT LIMITED TO, DRAINAGE STRUCTURES (NILETS, CATCH BASINS AND MANHOLES), SANITARY MANHOLES, METER PITS AND UNDERGROUND VAULTS ARE NOT STRUCTURALLY DESIGNED. THE DETAILS PROVIDE TYPICAL DIMENSIONS, LOCATIONS OF PIPE PENETRATIONS, PIPE INVERTS AND GROUND ELEVATIONS AT THE STRUCTURAL DESIGN INCLUDING WALL AND SLAB THICKNESS AS WELL AS REINFORCING SHALL BE THE RESPONSIBILITY OF THE PRECAST MANUFACTURER TO MEET STATE DEPARTMENT OF TRANSPORTATION STANDARDS AND HS-20 LOADING REQUIREMENTS WHEN POSITIONED IN TRAVELET WAYS.

- ALL WATER LINE SYSTEM COMPONENTS (PIPES, VALVES, HYDRANTS, ETC.) SHALL CONFORM TO THE SPECIFICATIONS OF THE LOCAL GOVERNMENTAL AGENCY, THE LOCAL WATER COMPANY, AND THE LOCAL FIRE
- DEPARTMENT.
 MINIMUM EARTH COVER OVER TOP OF PIPE SHALL BE 30—INCHES.
 THRUST BLOCKS SHALL BE PROVIDED AT ALL TEES, ELBOWS, AND PLUGS. SEE DETAIL SHEET FOR SIZING
- 3. THRUST BLOCKS SHALL BE PROVIDED AT ALL TEES, ELBOWS, AND PLUGS. SEE DETAIL SHEET FOR SIZING REQUIREMENTS.

 4. SEE DETAIL SHEET FOR BEDDING REQUIREMENTS. APPROVED BACKFILL FOR PIPE TRENCHES SHALL BE PLACED IN B INCH LAYERS AND COMPACTED WITH A MINIMUM OF 4 COVERAGES OF A MIBRO PLUS CM 20 OR EQUIVALENT. IN ADDITION, THE BACKFILL SHALL BE COMPACTED TO A MINIMUM 95 PERCENT MODIFIED PROCTOR DENSITY. CARE SHOULD BE TAKEN TO FILL ALL VOIDS AROUND THE PIPE. BACKFILL SHALL CONSIST OF GRANDLAR SOIL FREE FROM LUMPS, LARGE STOMES, BOULDERS OR OTHER UNSUITABLE MATERIALS.

 5. ALL WATER PIPING SHALL BE PRESSURE TESTED IN ACCORDANCE WITH AWAYA COOD-90, SECTION 4 AT 1.5 TIMES THE MAXIMUM PRESSURE OF THE SYSTEM AT THE POINT OF TESTING. IN NO CASE SHALL PIPELINE SECTIONS BE TESTED AT LESS THAN 100 PSIG, NOR GREATER THAN 250 PSIG. CITY OF COCONUT CREEK REQUIRES MINIMUM 2-HOUR TEST AT 150 PSI.

 6. A HYDROSTATIC TEST REQUIREMENT, WATER MAIN LEAKAGE TEST AT 150 PSI FOR 2 HRS. MAXIMUM ALLOWABLE, L=(SD/P) 1/133 700 AWWA SPECIFICATIONS
- =(SD(P^3))/133.200 AWWA SPECIFICATION
- ALL NEW WATER EINES SHALL BE STERRIZED BEFORE BEING PUT INTO SERVICE AND CONNECTION MADE TO EXISTING PIPE IN ACCORDANCE WITH AWWA C651-99.
- 8. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION UPON COMPLETION OF HORI.
 CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR CONSTRUCTION AND SUPPLY EQUIPMENT FOR ALL TESTS
- ON WATER LINES.

 ALL WATER SERVICES AND PLUMBING TO CONFORM TO PLUMBING SUBCODE OF THE APPROPRIATE JURISDICTION
- BODY.

 11. AFTER DISINFECTION, AND BEFORE THE WATER SYSTEM IS PLACED IN SERVICE, BACTERIOLOGICAL SAMPLES SHALL BE TAKEN AND TESTED IN ACCORDANCE WITH AWWA COOL—BI.

 12. CONTRACTOR SHALL PROWDE DWINER'S ENGINEER WITH AWWA C906 AND NSF-61 CERTIFICATIONS.

 13. WATER PIPE 3° AND GREATER SHALL BE C900 PVC. WATER PIPE LESS THAN 3° SHALL BE COPPER TYPE K.

 14. EXSTING WATERLINE LOCATION ESTIMATED FROM SURVEY LOCATION OF EXISTING WATER VAVLES AND EASEMENTS. CONTRACTOR SHALL TEST PIT AND FIELD LOCATED ACTUAL WATER LINE IN ENOUGH LOCATIONS FOR HIM TO BE SATISFIED PRIOR TO ANY OTHER SUBSURFACE DISTURBANCE INCLUDING DRILLING OR PILE DRIVING.

TEE & WYE

- AND OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT LEAVING THE PROPERTY. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF

Paul (Spiteson 2" x 4" Cr 21 Min. Dia. Woody Stort

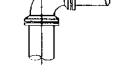
Fluiting furtilly harriers are to be paid for under the suntred unit price for Fluiding Euclidity Borrier, U.

- THE CONTRACTOR MUST SUBMIT A NPDES MOTICE OF TERMINATION FORM TO THE EDEP UPON COMPLETION OF CONSTRUCTION.

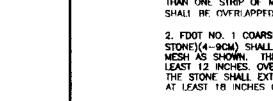
- EACH WORKDAY.

 8. EROSION CONTROL DEVICES SHALL FOLLOW STANDARDS AND DETAILS IN INDEX 102,103,104 OF THE (FDDT ROADWAY AND TRAFFIC DESIGN STANDARDS). CONTROL DEVICES AND TECHNIQUES, AS PROVIDED IN THE FLORIDA EROSION AND SEDIMENT, CONTROL MANUAL SHALL BE IMPLEMENTED TO COMPLY WITH CURRENT STATE REGULATIONS.









3, IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONES MUST BE PULLED AWAY FROM THE INLET, CLEANED AND

ESPECIALLY IF SEDIMENT IS NOT REMOVED REGULARLY

RESTRAINED PIPE JOINT DETAIL

45d VERT BEND 22d VERT BEND

40

	REVISED PER ADMINISTRATIVE APPROVAL SUBMISSION	8		
	REVISED TRAFFIC CONTROL SIGN BASE AND POLE DETAIL	7		
	REVISED FOR BROWARD COUNTY HEALTH DEPARTMENT	6		ENGINE
	REVISED PER COUNTY EPD~WRD AND CITY REVIEW COMMENTS	5		Parkside Co
	REVISED FOR FINAL ENGINEERING PERMITS AND APPLICATIONS	4	7.20	15150 NW
	REVISED FOR FINAL ENGINEERING PERMITS AND APPLICATIONS	3	1.100	Miami Lake
	REVISED FOR NPDES SUBMISSION	2	3/13/08	P: 786.264
_	REVISED FOR FINAL ENGINEERING PERMITS AND	1	/ 1	www.langa

Type 4 (Pipe bedded in sand, gravel, or crushed stone to the depth of

DEAD END

1/8 pipe diameter, 4 inches minimum. Backfill compacted to top

90d



THE PROMENADE AT **COCONUT CREEK**

AND DETAILS

	Project No.	Drawing No.	
	6110501		
.	Date OCTOBER 02, 2006		
>	Scale AS SHOWN	C-18	
	Drn. By		
	Chud Bu		

03/13/08 08/15/07 07/16/07 06/05/07 04/18/07 02/16/07

Revisions

Laying condition:

Depth of cover:

Soil Bearing

14

Working Pressure

ERIC B. SCHWARZ, P.E. PROFESSIONAL ENGINEER FL LIC. No. 62196

64.7200 F: 786.264.7201 moo.negr NEW JERSEY PENNSYLVANIA NEW YORK COMMECTICAT FLORIDA NEVADA

45° & 22 1/2° BEND

BROWARD COUNTY

FLORID/ Filename: G:\Data5\6110501\Cadd Data 6110501\Dwg\6110501 C t8 dwg Date 3/13/2008 Time 10:37 User Problem Style Table: Langua OCE.stb Layout: D Size Sheet (Bottom)

DIAMETER OF MANHOLE SHALL BE REVIEWED BY THE CONTRACTOR TO DETERMINE A LEGEND OF STANDARD MANHOLE DIMENSIONS WITH RESPECT TO PROPOSED PIPE SIZES, NUMBER AND GEOMETRY. OVER-SIZE MANHOLES SHALL BE PROVIDED IF MINIMUM 6" WALL DIMENSION BETWEEN PIPES IS NOT MANUFACTURED. MANHOLES SHALL BE STANDARD PRECAST CONCRETE UNITS AND SHALL BE DESIGNED AND CONSTRUCTED BY THE MANUFACTURER TO SUPPORT TRUCK HS20 LOADING. **OUTLET CONTROL STRUCTURES** WHITE LEGEND RED BACKGROUND ·· 2 1/2" GALVANIZED STEFT. PIPE PAINTED SILVER R1-2 , NETD, 212M "STOP" SIGN STOCKPILE PARTON VIA PED XING R7--6 DOUBLE ROW STAKED SILT "NO PARKING - FIRE ZONE" SIGN FENCE "PEDESTRIAN CROSSING" SIGN NOTE: \$30.00 FME 7/40/49 AR NO STOR WITH REFER TO GENERAL NOTES FOR "DO NOT ENTER" ADDITIONAL STOCKPILE INSTALLATION, "LOW EMITTING" VEHICLES SIGN MAINTENANCE REQUIREMENTS, DIMENSIONS SIGN AND SLOPES. SIGH MANAFACTURER SHALL REFER TO COLOR DRAWING SHEET STOLOY PREPARED BY BURSAY HOUSSON PERRISH YUE FOR SIGH COLORS PRIOR TO FARRICATION. PRI 4 LAY TWEENS EAR 40 THE 57 "ONE WAY" SIGN NOTE: SIGN MOUNTING HEIGHT SHALL SE IN ACCORDANCE WITH MUTCO 1'-0" TOPSOIL STOCKPILE DETAIL

HAY BALE DETAIL

TRAFFIC CONTROL SIGN BASE AND POLE DETAIL

2" X 2" X 36" STAKES

1.STRAW BALE BARRIERS SHOULD NOT BE USED FOR NORE THAN 3 MONTHS.

2.STRAW BALE BARRIERS MUST BE PLACED AT LEVEL GRADES. BOTH END OF THE BARRIER MUST BE EXTENDED AT LEAST 8 FEET UPSLOPE AT 45

3.SEDIMENT MUST BE REMOVED WHERE ACCUMULATIONS REACH 1/3 THE

4.ANY SECTION OF STRAW BALE BARRIER WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET. SEE ROCK FILTER OUTLET.

(BOTTOM AND SIDES) FOR STEEL PLATE. CAULK KEYWAY VOID WITH APPROVED WATERSTOP SEALANT.

ABOVE GROUND HEIGHT OF THE BARRIER.

OMPACTED BACKFILL

(STRAW BALE TYPE SHOWN)

CONSTRUCTION ENTRANCE

WASH WHEELS ! 2"-3" STONE TO BE USED (SURGE STONE OR RAILROAD 12' MIN OR WIDTH OF PROPOSED STREET, WHICHEVER IS GREATER. DIVERSION RIDG

PLAN VIEW

NOTES: 1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS--OF--WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABLIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT

02/08/07 12/15/06 Date Description

akes, FL 33016

FL Certificate of Authorization No: 00006601

CITY OF COCONUT CREEK