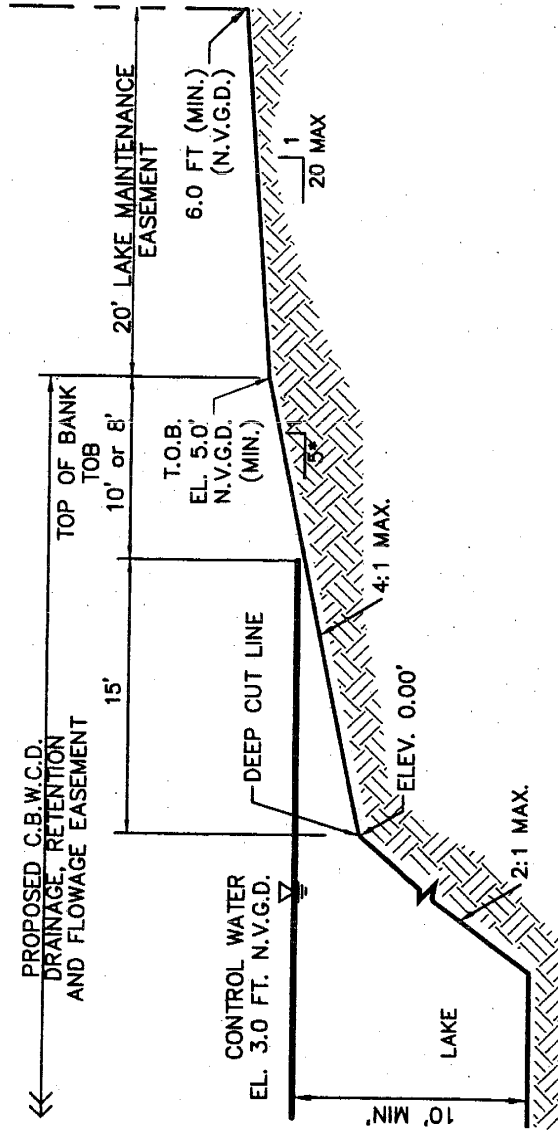


## SECTION VI

### DRAINAGE DETAILS:

D-1	TYPICAL LAKE CROSS-SECTION
D-2	BOAT RAMP DETAIL
D-3	TYPICAL STORM MANHOLE DETAIL
D-4	TYPICAL CATCH BASIN DETAIL
D-5	CURB INLET TOP DETAIL
D-6	RIP RAP HEADWALL DETAIL
D-7	CONCRETE SEA WALL DETAIL
D-8	CONCRETE HEADWALL DETAIL
D-9	TYPICAL DRAINAGE FROM POOL/PATIO/DECK
D-10	PERIMETER BERM DETAIL
D-11	TYPICAL EXFILTRATION TRENCH DETAIL
D-12	UTILITY TRENCH DETAIL
D-13	PRB DETAILS
D-14	JACK & BORE DETAILS
D-15	NPDES DETAILS



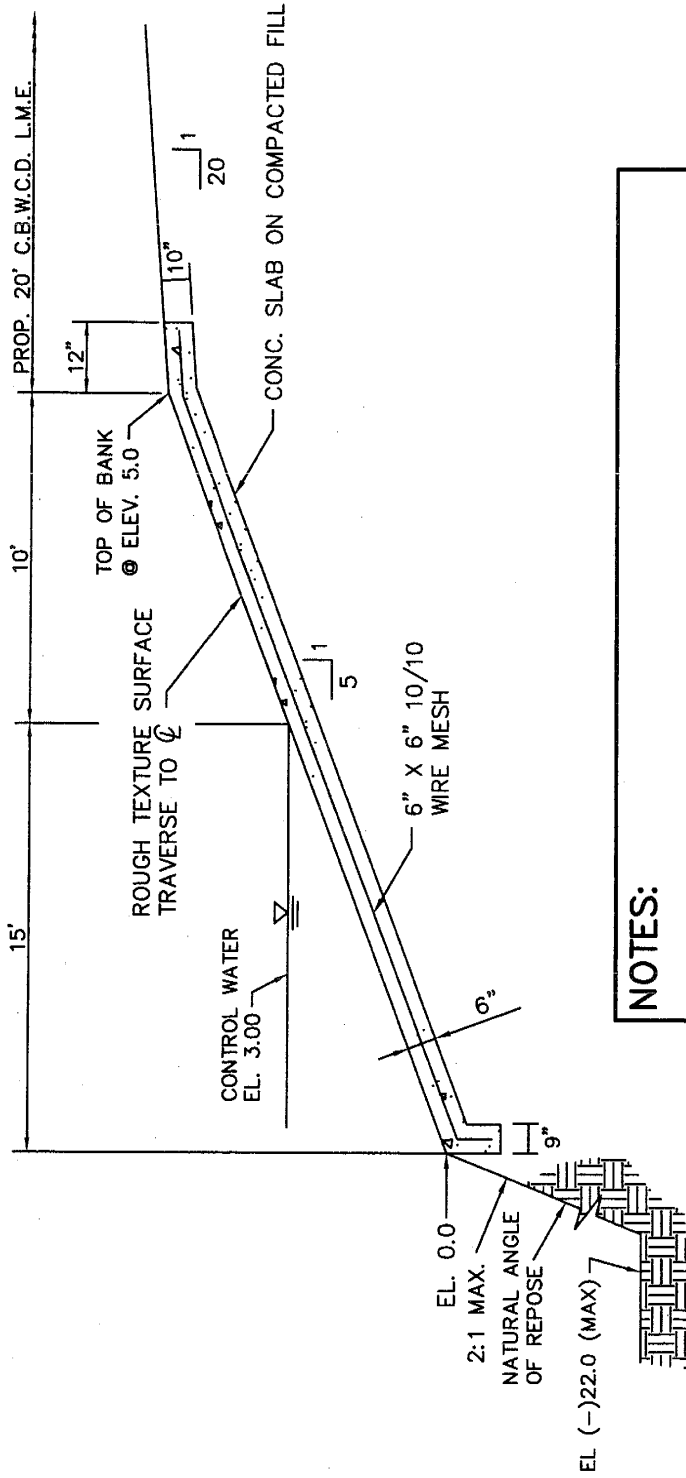
\* SLOPE AND TOB WIDTH WILL VARY.  
 IF THE LAKE HAS A LITORAL SHELF THE SLOPE CAN BE 4:1 WITH A TOB WIDTH OF 8'  
 IF NO LITORAL SHELF IS PRESENT, THE SLOPE MUST BE 5:1 WITH A TOB WIDTH OF 10'

TOWN OF DAVIE  
 STANDARD PAVING  
 AND DRAINAGE  
 DETAILS AND NOTES



# TYPICAL LAKE CROSS SECTION N.T.S.

ISSUE DATE: \_\_\_\_\_  
 REVISED: \_\_\_\_\_



**NOTES:**

1. LOCATION OF BOAT RAMP NEEDS TO IDENTIFIED, INSPECTED AND APPROVED BY THE DISTRICT PRIOR TO CONSTRUCTION.
2. SLOPE DETAILS AS OUTLINED IN BOAT RAMP DETAIL (ATTACHED) MUST BE INSPECTED AND APPROVED BY THE DISTRICT PRIOR TO INSTALLATION.
3. UPON COMPLETION OF BOAT RAMP, DISTRICT MUST BE NOTIFIED FOR FINAL APPROVAL. CALL 680-9420 (JOE CERTAIN) OR 680-3337 (TOMMY PINDER).
4. 20' BOAT RAMP CENTERED ON A 20' EASEMENT.

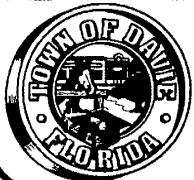
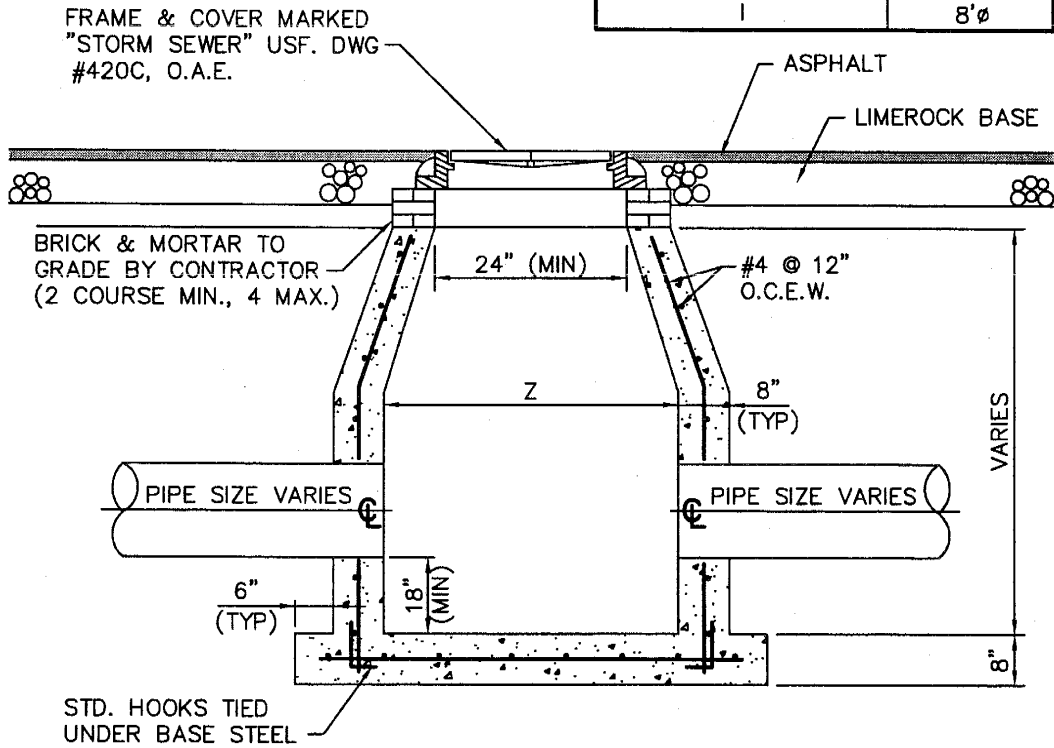


TOWN OF DAVIE  
STANDARD PAVING  
AND DRAINAGE  
DETAILS AND NOTES

**BOAT RAMP DETAIL**  
N.T.S.

ISSUE DATE: \_\_\_\_\_  
REVISED: \_\_\_\_\_

STORM MANHOLE TYPE	DIMENSIONS
	Z
B	4' $\phi$
E	5' $\phi$
F	6' $\phi$
G	7' $\phi$
I	8' $\phi$




TOWN OF DAVIE  
STANDARD PAVING  
AND DRAINAGE  
DETAILS AND NOTES

STORM  
MANHOLE  
N.T.S.

ISSUE DATE: \_\_\_\_\_

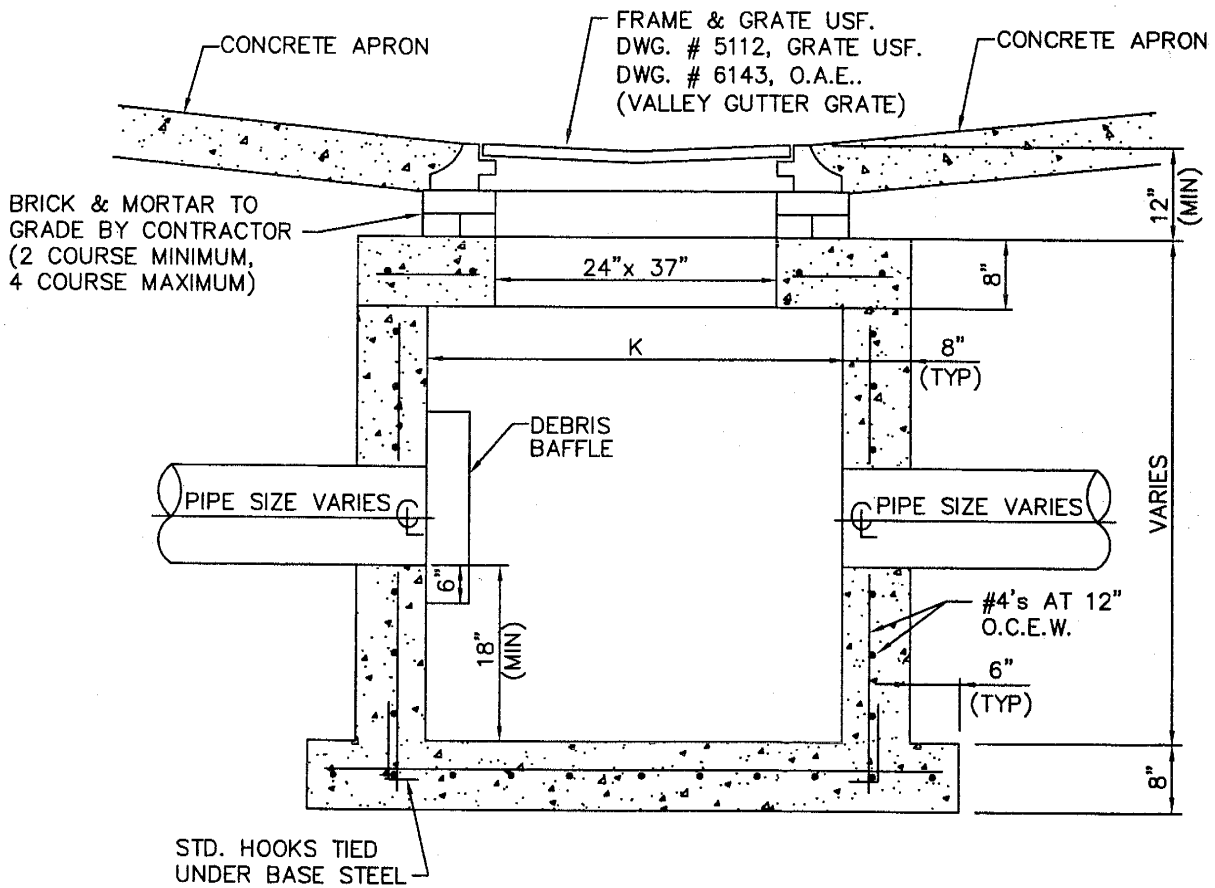
REVISED: \_\_\_\_\_

D-3

CATCH BASIN TYPE	DIMENSIONS
	K
B	4'Ø
E	5'Ø
F	6'Ø
G	7'Ø
I	8'Ø

**NOTE:**

ALL STORM MANHOLES SHALL HAVE A 2'Ø OPENING IN THE TOP SLAB W/ A FRAME & COVER U.S.F. # 420, O.A.E.



TOWN OF DAVIE  
STANDARD PAVING  
AND DRAINAGE  
DETAILS AND NOTES

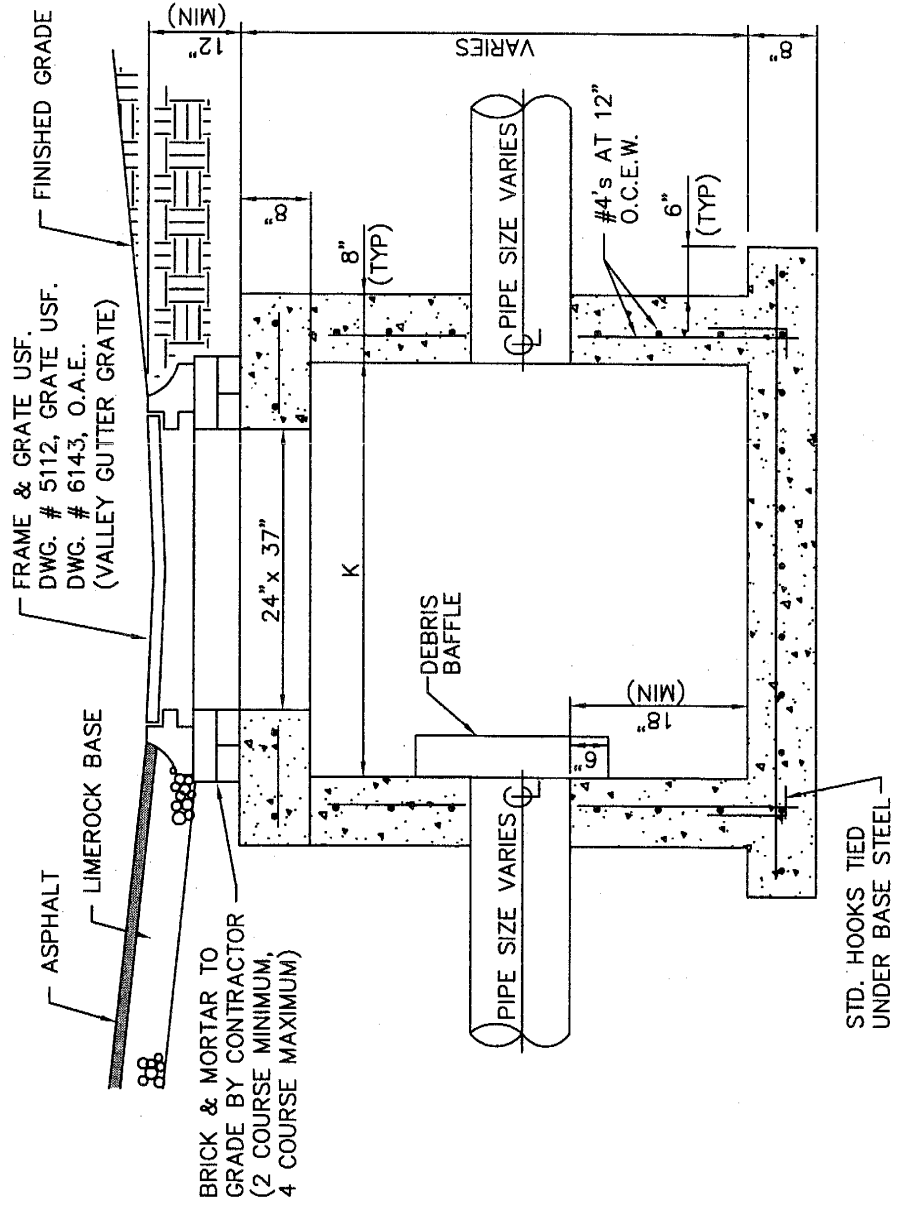
TYPICAL  
CATCH BASIN  
N.T.S.

ISSUE DATE: \_\_\_\_\_  
REVISED: \_\_\_\_\_

D-4

CATCH BASIN TYPE	DIMENSIONS
	K
B	4'φ
E	5'φ
F	6'φ
G	7'φ
I	8'φ

**NOTE:**  
 ALL STORM MANHOLES SHALL HAVE A 2'φ OPENING IN THE TOP SLAB W/ A FRAME & COVER U.S.F. # 420, O.A.E.

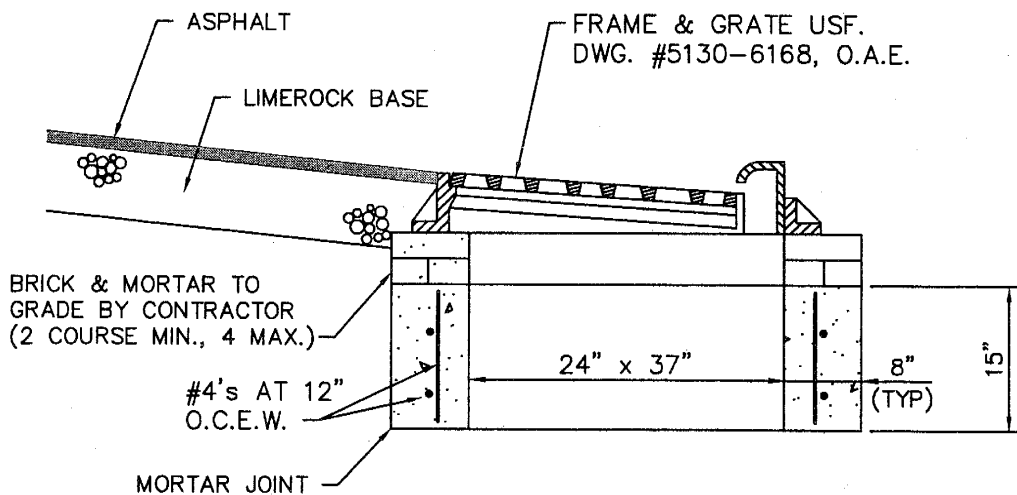


TOWN OF DAVIE  
 STANDARD PAVING  
 AND DRAINAGE  
 DETAILS AND NOTES



**TYPICAL  
 CATCH BASIN**  
 N.T.S.

ISSUE DATE: \_\_\_\_\_  
 REVISED: \_\_\_\_\_



TOWN OF DAVIE  
STANDARD PAVING  
AND DRAINAGE  
DETAILS AND NOTES

CURB INLET TOP  
N.T.S.

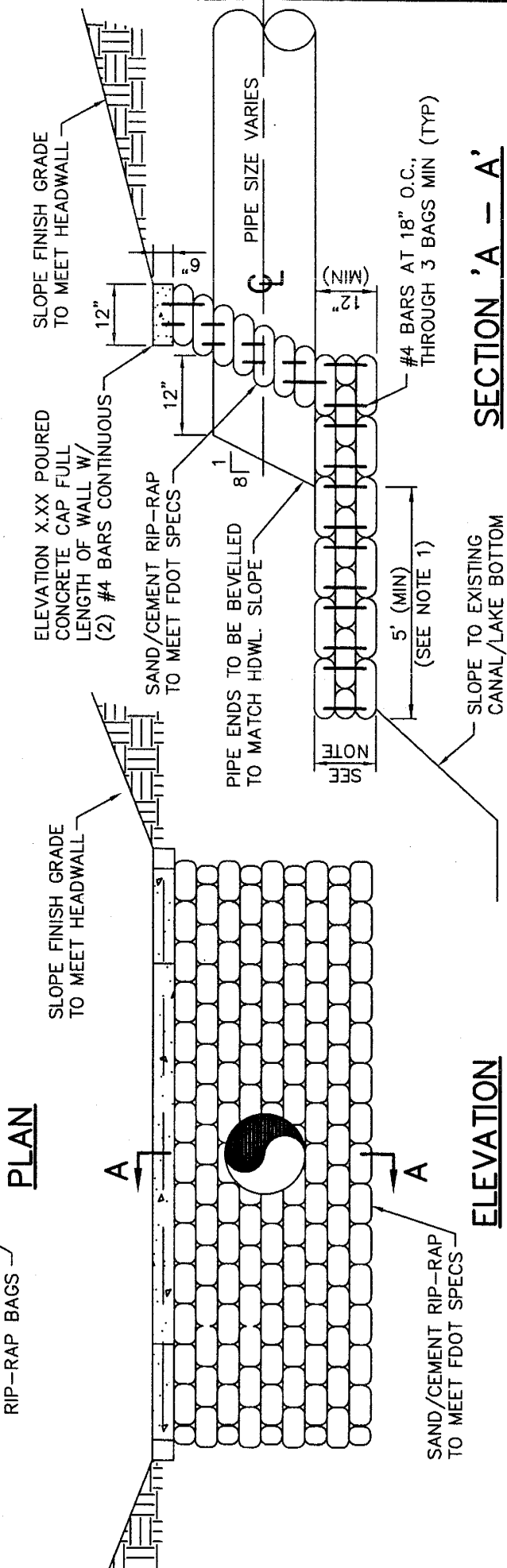
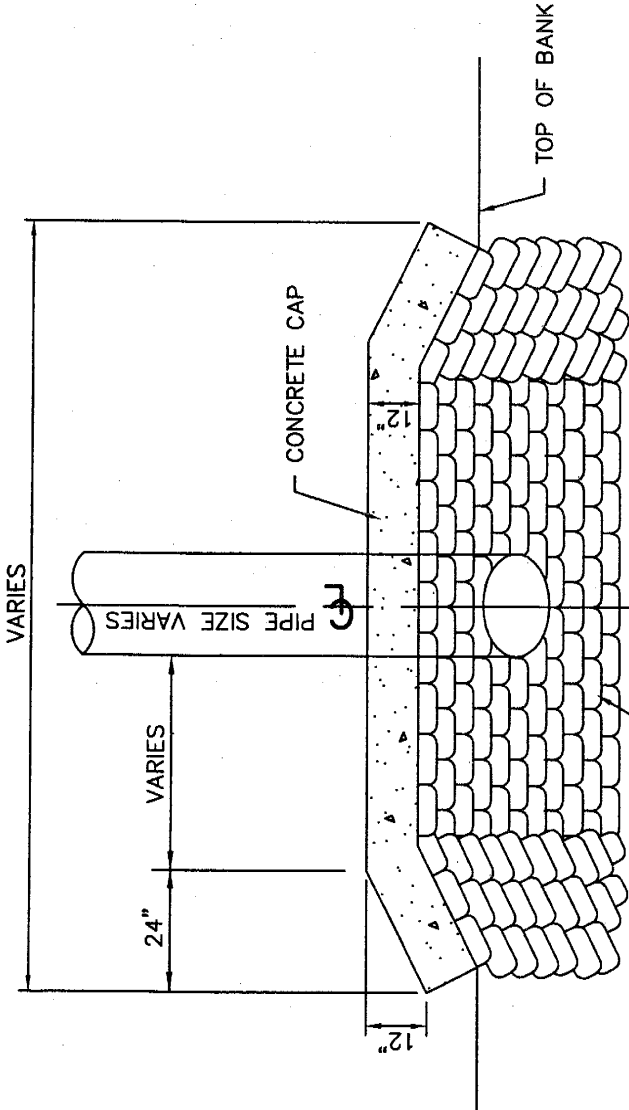
ISSUE DATE: \_\_\_\_\_


REVISED: \_\_\_\_\_

D-5

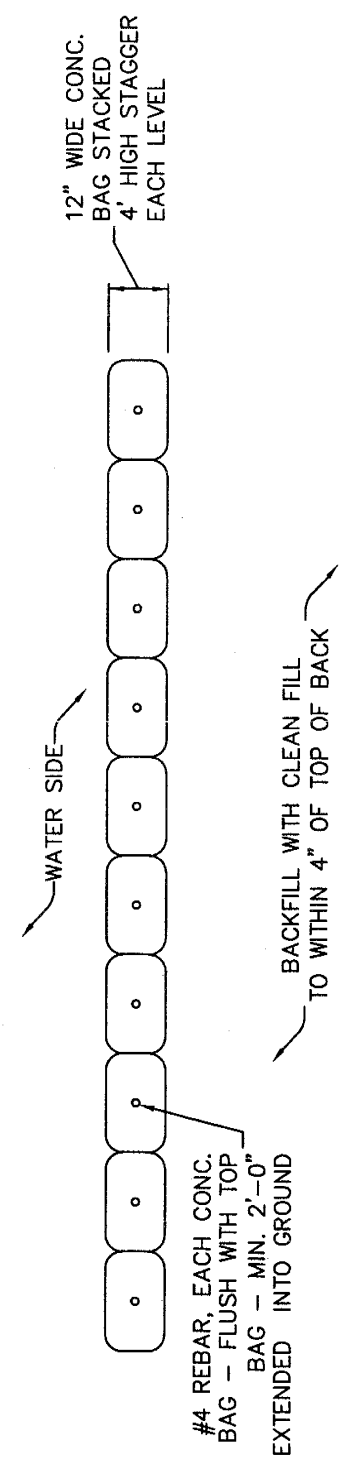
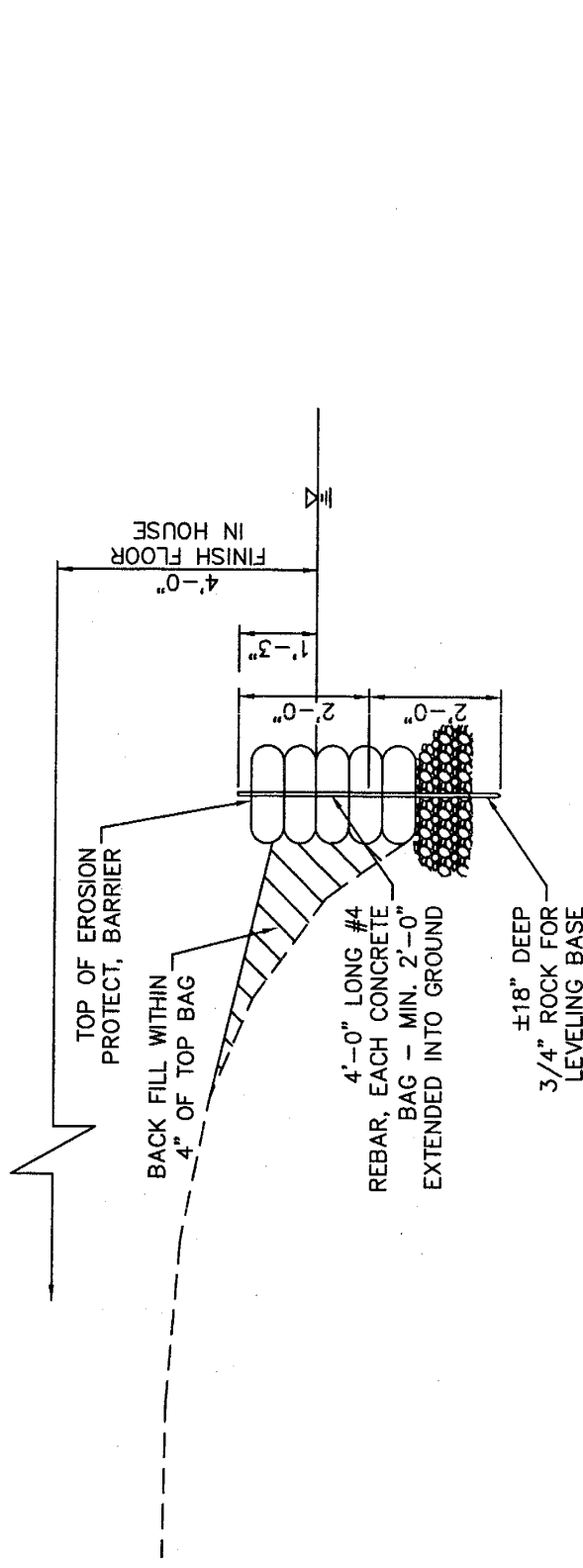
**NOTES:**

1. IF THE CULVERT SIZE REQUIREMENTS DO NOT ALLOW AN INVERT ELEVATION ABOVE THE EXIST. CANAL BOTTOM, THEN THE CANAL SHALL BE EXCAVATED AS SHOWN.
2. GRADING AROUND ENDS OF HEADWALL SHALL BE COMPLETED IN A MANNER THAT WILL PREVENT EROSION CAUSED BY STORMWATER RUNOFF.
3. HEADWALL LOCATION TO BE DETERMINED IN THE FIELD PRIOR TO CONSTRUCTION BY THE CONTRACTOR AND ACCEPTED BY THE ENGINEER.

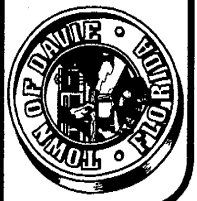


	<b>TOWN OF DAVIE STANDARD PAVING AND DRAINAGE DETAILS AND NOTES</b>		<b>RIP RAP HEADWALL</b>		ISSUE DATE: _____ REVISED: _____	<b>D-6</b>
			<b>N.T.S.</b>			





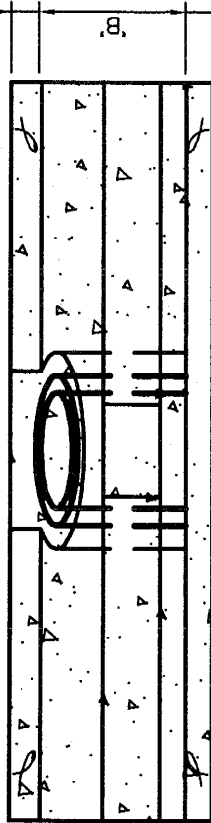
TOWN OF DAVIE  
STANDARD PAVING  
AND DRAINAGE  
DETAILS AND NOTES



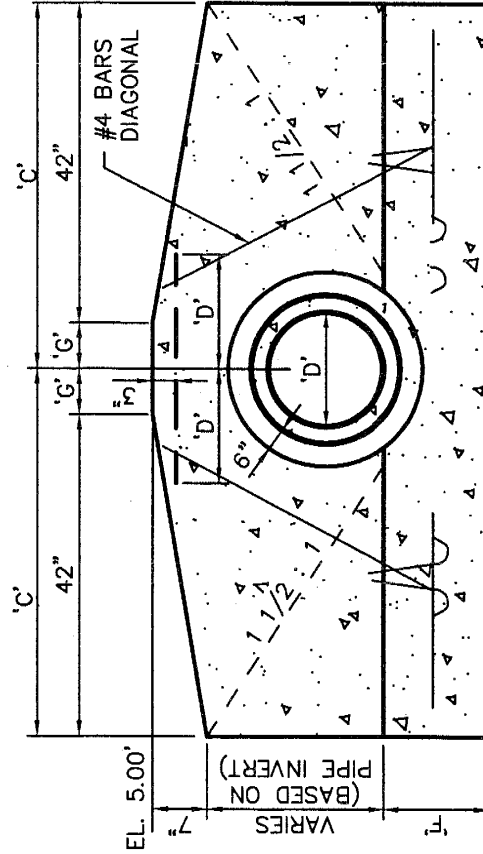
CONCRETE SEAWALL  
DETAILS  
N.T.S.

ISSUE DATE: \_\_\_\_\_  
REVISED: \_\_\_\_\_

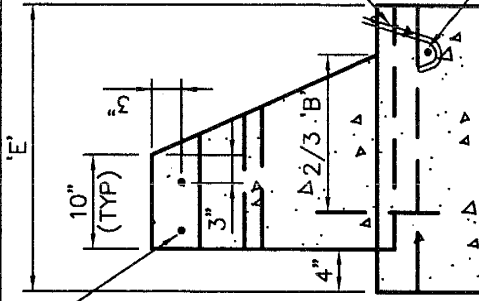
SIZE TABLE					
D	B	C	E	F	G
15"	1'-2"	4'-0"	1'-10"	1'-2"	0'-6"
18"	1'-3"	4'-6"	1'-11"	1'-3"	1'-0"
21"	1'-4"	5'-0"	2'-0"	1'-4"	1'-6"
24"	1'-4"	5'-6"	2'-0"	1'-4"	2'-0"
30"	1'-6"	6'-6"	2'-2"	1'-6"	3'-0"
36"	1'-8"	7'-6"	2'-4"	1'-8"	4'-0"
42"	1'-10"	8'-6"	2'-6"	2'-0"	5'-0"
48"	2'-1"	9'-6"	2'-9"	2'-0"	6'-0"
54"	2'-6"	10'-6"	3'-2"	2'-3"	7'-0"



LAKE  
**TOP VIEW**



**FRONT VIEW**



**END VIEW (RIGHT)**

**NOTES:**

1. IF THE CULVERT SIZE REQUIREMENTS DO NOT ALLOW AN INVERT ELEVATION ABOVE THE EXIST. BOTTOM, THEN THE EXIST. BOTTOM SHALL BE EXCAVATED.
2. GRADING AROUND ENDS OF HEADWALL SHALL BE COMPLETED IN A MANNER THAT WILL PREVENT EROSION CAUSED BY STORMWATER RUNOFF.
3. HEADWALL LOCATION TO BE DETERMINED IN THE FIELD PRIOR TO CONSTRUCTION BY THE CONTRACTOR AND ACCEPTED BY THE ENGINEER.
4. 4000 PSI CONCRETE @ 28 DAYS TYPE II CEMENT. IN THE FIELD PRIOR TO CONSTRUCTION
5. CLASS "A" FINISH ALL EDGES EXPOSED 3/4" CHAMFER EXCEPT WHERE NOTED.
6. REFER TO F.D.O.T. STD. INDEX NO. 250 FOR ADDITIONAL INFORMATION.

(2) #4 BARS  
2 x PIPE I.D. LONG

4" LIFTING HOOK

(1) #4 BAR, 24" LONG  
FOR EA. LIFTING HOOK



TOWN OF DAVIE  
STANDARD PAVING  
AND DRAINAGE  
DETAILS AND NOTES

**HEADWALL**  
**(1 OF 2)**  
N.T.S.

ISSUED DATE: \_\_\_\_\_  
REVISED: \_\_\_\_\_

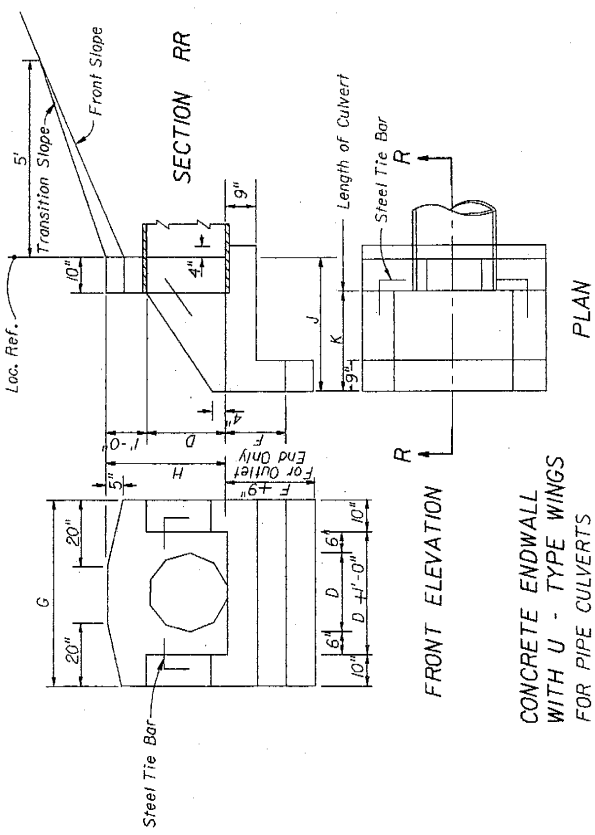


TABLE OF DIMENSIONS AND ESTIMATED QUANTITIES  
PIPE CULVERT ENDWALLS WITH U - TYPE WINGS

Opening D	DIMENSIONS										QUANTITIES IN ONE ENDWALL										
	Wall					Footing					Concrete, Class I										
	G	H	K	L	J	F	M	N	O	P	Inlet	Outlet	Total Cu. Yds.	C.I. Pipe	Steel Tie Bars						
12"	0.8	3'-8"	2'-0"	1'-0"	1'-3"	2'-2"	0.48	0.55	0.49	0.57	0.62	0.70	0.74	0.82	0.74	0.70	0.57	0.49	0.57	0.57	none
15"	1.2	3'-11"	2'-3"	1'-5"	1'-3"	2'-7"	0.59	0.67	0.62	0.70	0.74	0.82	0.74	0.82	0.74	0.70	0.57	0.49	0.57	0.57	none
18"	1.8	4'-2"	2'-6"	1'-9"	1'-3"	2'-11"	0.70	0.79	0.74	0.82	0.74	0.82	0.74	0.82	0.74	0.70	0.57	0.49	0.57	0.57	none
24"	3.1	4'-8"	3'-0"	2'-6"	1'-6"	3'-8"	1.01	1.11	1.06	1.16	1.06	1.16	1.06	1.16	1.06	1.16	1.06	1.06	1.06	1.06	2 - 3/8 x 2'-0"
30"	4.9	5'-2"	3'-6"	3'-3"	1'-6"	4'-5"	1.33	1.44	1.41	1.51	1.40	1.51	1.40	1.51	1.40	1.51	1.40	1.40	1.40	1.40	2 - 3/8 x 2'-0"
36"	7.1	5'-8"	4'-0"	4'-0"	1'-9"	5'-2"	1.73	1.85	1.84	1.94	1.82	1.94	1.82	1.94	1.82	1.94	1.82	1.82	1.82	1.82	2 - 3/8 x 3'-0"
42"	9.6	6'-2"	4'-6"	4'-9"	2'-0"	5'-11"	2.19	2.32	2.32	2.45	2.32	2.45	2.32	2.45	2.32	2.45	2.32	2.32	2.32	2.32	2 - 3/8 x 3'-0"
48"	12.6	6'-8"	5'-0"	5'-6"	2'-0"	6'-8"	2.64	2.78	2.78	2.95	2.78	2.95	2.78	2.95	2.78	2.95	2.78	2.78	2.78	2.78	none

GENERAL NOTES

1. Winged concrete endwalls are intended for use outside the clear zone.
2. Chamfer all exposed edges 3/4"
3. Concrete meeting the requirements of ASTM C-478 (4000 psi) may be used in lieu of Class I concrete in precast units manufactured in plants which are under the Standard Operating Procedures for the inspection of precast drainage products.
4. Endwall to be paid for under the contract unit price for Class I Concrete (Endwalls), CY. Cost of steel tie bars to be included in the contract unit price for Class I Concrete.
5. Soodling to be in accordance with Index No. 281, and paid for under the contract unit price for Soodling, SY.

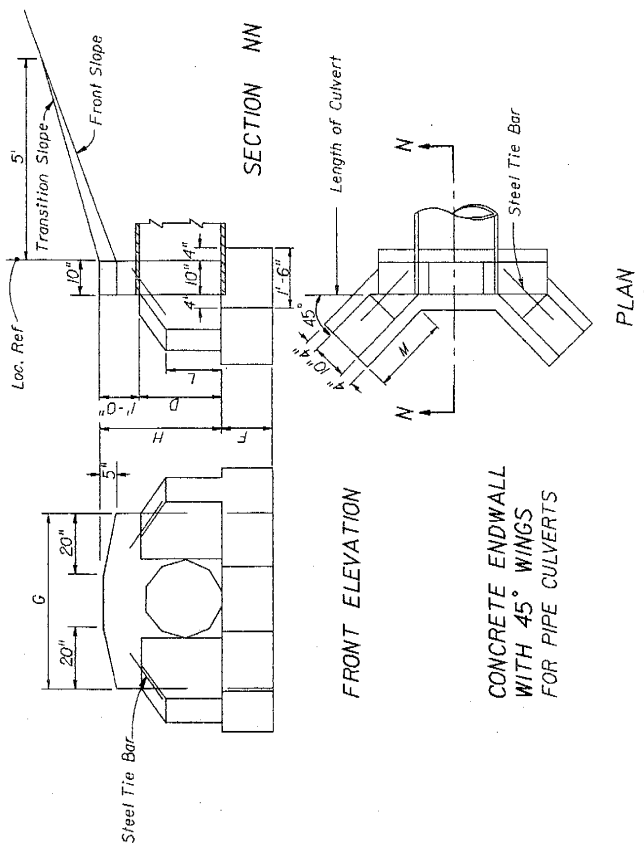


TABLE OF DIMENSIONS AND ESTIMATED QUANTITIES  
PIPE CULVERT ENDWALLS WITH 45° WINGS

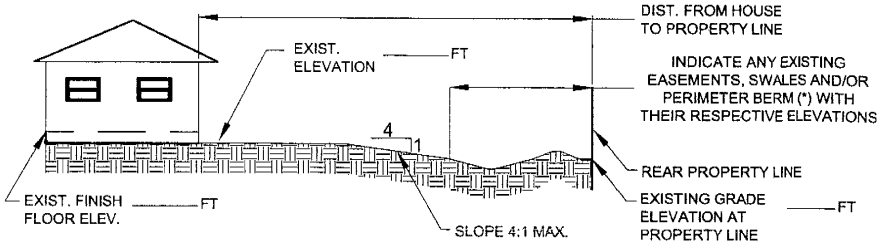
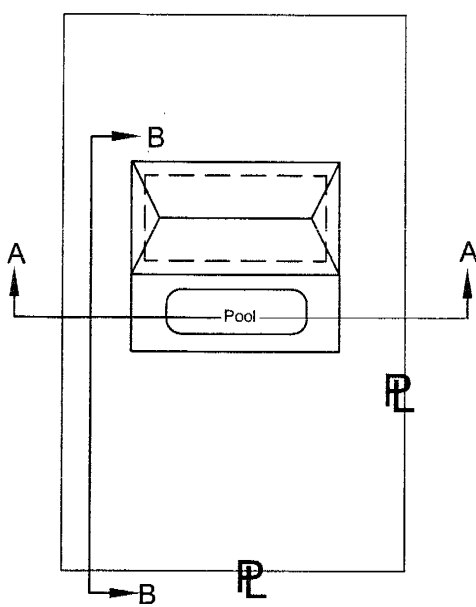
Opening D	DIMENSIONS										QUANTITIES IN ONE ENDWALL										
	Wall					Footing					Concrete, Class I										
	G	H	L	M	N	F	M	N	O	P	Total Cu. Yds.	C.I. Pipe	Steel Tie Bars								
18"	1.8	2'-6"	3'-10"	1'-2"	1'-7"	1'-3"	0.74	0.77	0.77	0.77	0.74	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	none
24"	3.1	3'-0"	4'-4"	1'-5"	2'-1"	1'-4"	1.01	1.06	1.06	1.06	1.01	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	2 - 3/8 x 2'-0"
30"	4.9	3'-6"	4'-10"	1'-9"	2'-5"	1'-6"	1.32	1.40	1.40	1.32	1.32	1.40	1.40	1.39	1.40	1.39	1.40	1.40	1.40	1.40	2 - 3/8 x 2'-0"
36"	7.1	4'-0"	5'-4"	2'-0"	2'-11"	1'-8"	1.72	1.83	1.83	1.72	1.72	1.83	1.83	1.82	1.83	1.82	1.83	1.83	1.83	1.83	2 - 3/8 x 3'-0"
42"	9.6	4'-6"	5'-10"	2'-3"	3'-6"	2'-0"	2.34	2.47	2.47	2.34	2.34	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2 - 3/8 x 3'-0"
48"	12.6	5'-0"	6'-4"	2'-6"	4'-0"	2'-0"	2.74	2.90	2.90	2.74	2.74	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2 - 3/8 x 3'-0"



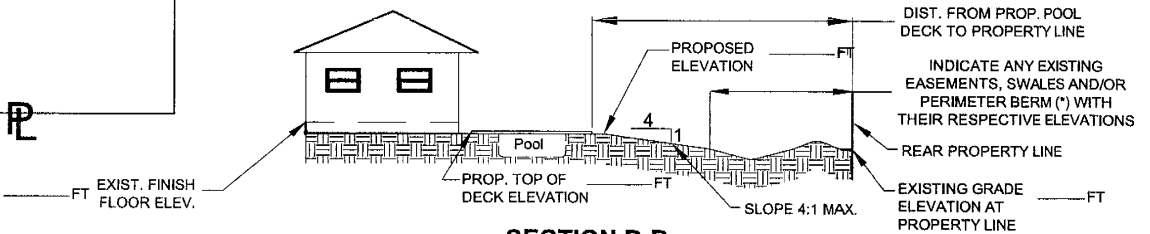
TOWN OF DAVIE  
STANDARD PAVING  
AND DRAINAGE  
DETAILS AND NOTES

HEADWALL (WINGED)  
(2 OF 2)  
N.T.S.

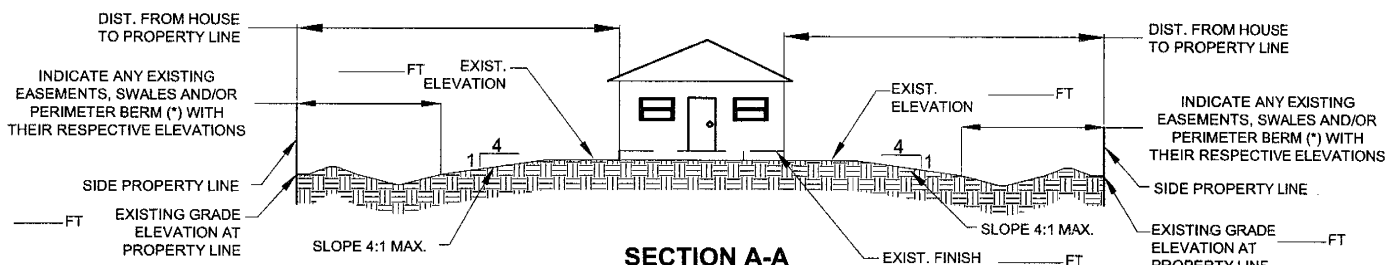
ISSUE DATE: \_\_\_\_\_  
REVISED: \_\_\_\_\_



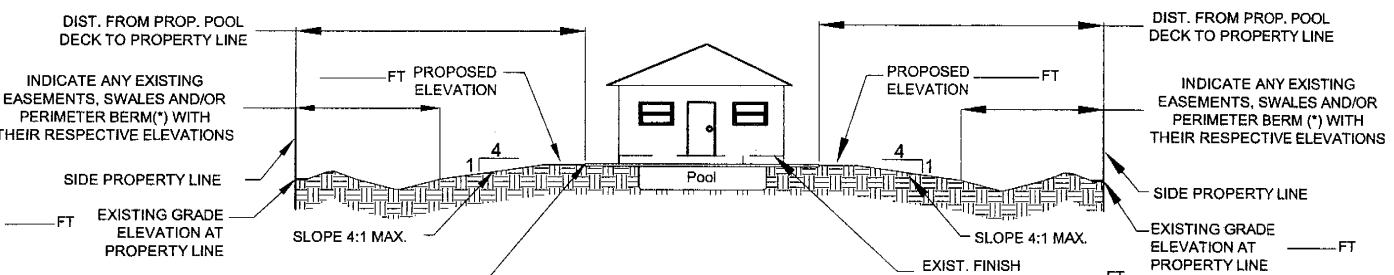
**SECTION B-B**  
N.T.S. - REAR VIEW  
(EXISTING GRADING WITHOUT POOL)



**SECTION B-B**  
N.T.S. - REAR VIEW  
(EXISTING GRADING WITH POOL)




**SECTION A-A**  
(SIDE VIEW)  
EXISTING GRADING WITHOUT POOL



**SECTION A-A**  
(SIDE VIEW)  
EXISTING GRADING WITH POOL

REV. 5-20-08

(\*) - IN CONFORMANCE WITH STORM EVENT 25YRS - 72 HOURS

	<b>TOWN OF DAVIE</b> STANDARD DRAINAGE DETAILS AND NOTES	<b>TYPICAL DRAINAGE CROSS SECTION FROM</b> <b>POOL DECK/ SLAB/ ADDITION</b> <b>TO PROPERTY LINE</b>	ISSUE DATE: _____	<b>D-9</b>
			REVISED: _____ SCALE: N.T.S.	

**PROVIDE THE FOLLOWING INFO.  
ON THE CROSS SECTIONS:**

- A) ALL GRADING SLOPES
- B) ALL PERTINENT DIMENSIONS
- C) FINISH FLOOR ELEVATION
- D) TOP OF DECK ELEVATION
- E) ELEVATIONS AT PROPERTY  
LINES
- F) DISTANCE FROM PROPOSED  
POOL DECK TO PROPERTY LINES

**APPROVAL NOTE:**

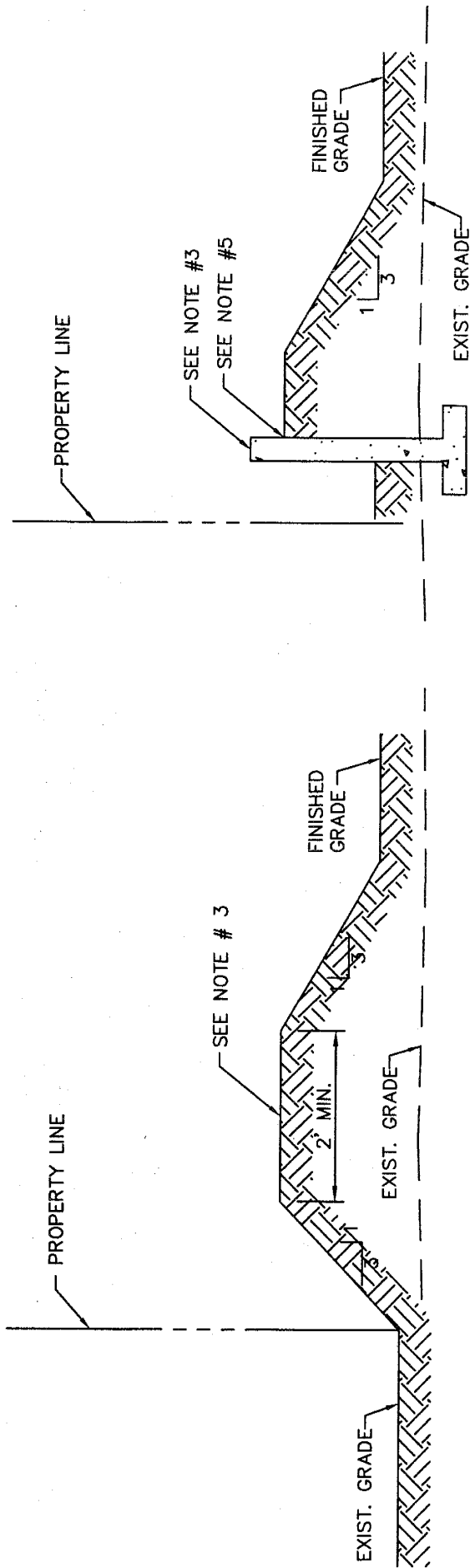
ALL CONSTRUCTION OF POOLS  
AND DECKS AT OR NEAR LAKES,  
CANALS, OR PONDS REQUIRE THE  
STAMP AND APPROVAL OF THE  
APPROPRIATE DRAINAGE DISTRICT.

**NOTE:**

ALL DIMENSIONS SHOULD BE IN FEET.

**CROSS SECTION NOTES**

- A) MAINTAIN A MAX. SLOPE  
OF 4' TO 1' WITH A MIN.
- B) CROSS SECTIONS OF EXISTING  
AND PROPOSED GRADING MUST  
BE PROVIDED FOR THE RIGHT,  
LEFT, AND REAR SIDES OF THE  
PROPERTY, INCLUDING ANY  
EXISTING BERMS AND/OR SWALES.



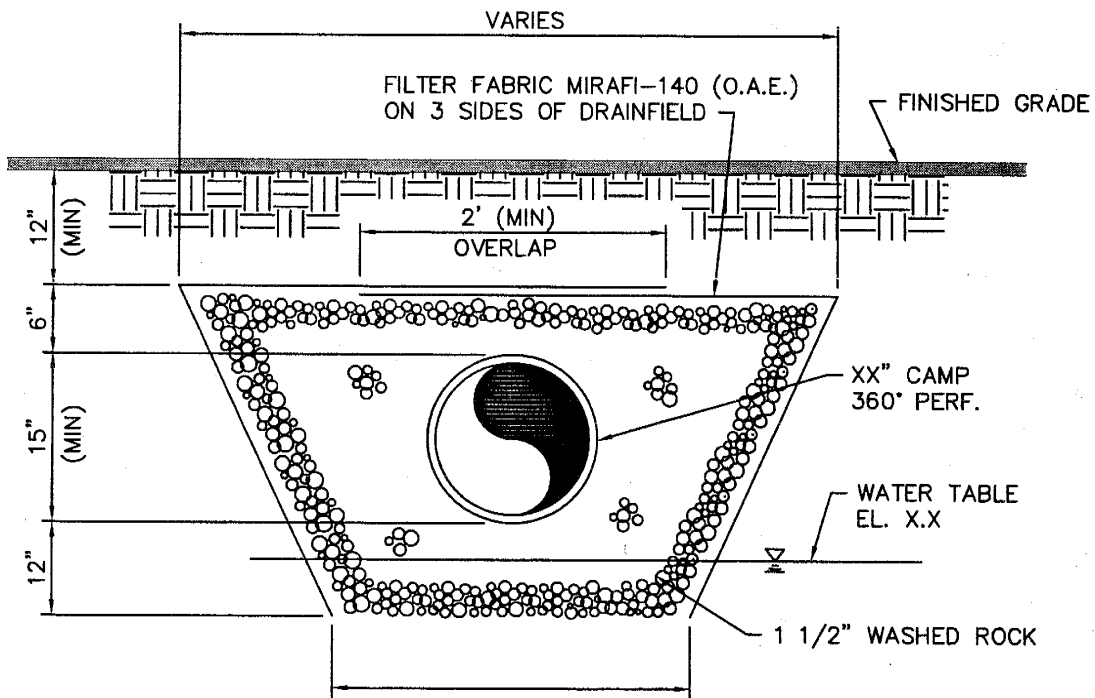
1. BERM TO BE CONSTRUCTED OF SUITABLE FILL MATERIAL. NO MUCK OR OPEN GRADED SILICA (SUGAR) SAND WILL BE ACCEPTABLE.
2. BERM TO BE COMPACTED TO 92% DENSITY AND SODDED OR STABILIZED IN AN APPROVED METHOD TO PREVENT EROSION.
3. TOP OF BERM OR WALL TO BE CONSTRUCTED TO A MINIMUM ELEVATION EQUAL TO THE PROJECTED 25 YEAR EVENT STORM.
4. TOP OF BERM OR WALL SHALL BE NO HIGHER THAN 6" BELOW THE LOWEST STRUCTURAL SLAB ELEVATION.
5. MINIMUM ELEVATION OF 5 FEET N.G.V.D.

TOWN OF DAVIE  
STANDARD PAVING  
AND DRAINAGE  
DETAILS AND NOTES



TYPICAL PERIMETER  
BERM DETAILS  
N.T.S.

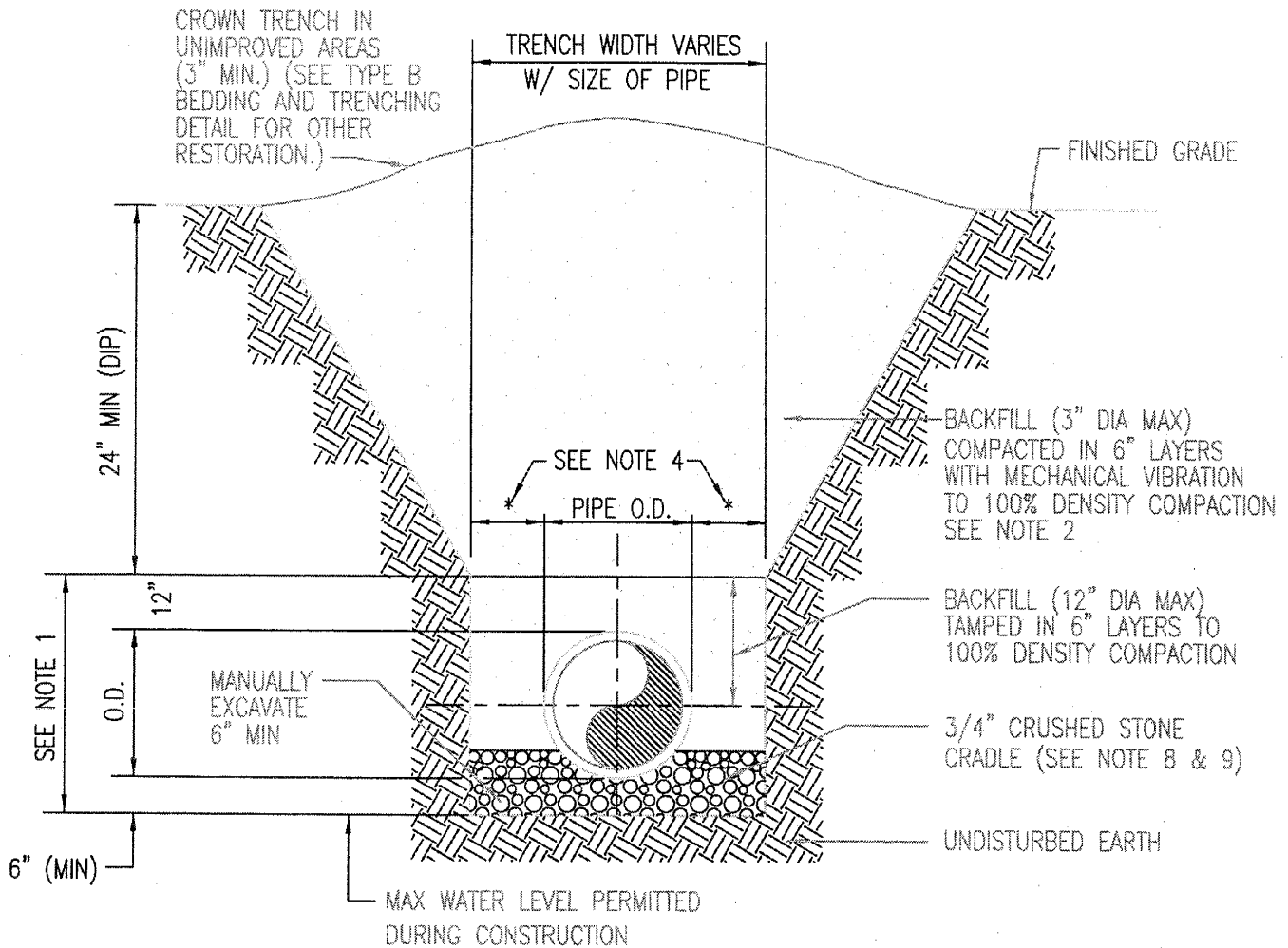
ISSUE DATE: \_\_\_\_\_  
REVISED: \_\_\_\_\_



TOWN OF DAVIE  
 STANDARD PAVING  
 AND DRAINAGE  
 DETAILS AND NOTES

TYPICAL  
 EXFILTRATION  
 TRENCH  
 N.T.S.

ISSUE DATE: \_\_\_\_\_  
 REVISED: \_\_\_\_\_



NOTES:

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 100% OF THE MAXIMUM DENSITY AS PER AASHTO T-99-C.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 100% OF THE MAXIMUM DENSITY AS PER AASHTO T-99-C.
3. USE TYPE A BEDDING TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE TOWN OF DAVIE.
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.



**TOWN OF DAVIE  
STANDARD PAVING  
AND DRAINAGE  
DETAILS AND NOTES**

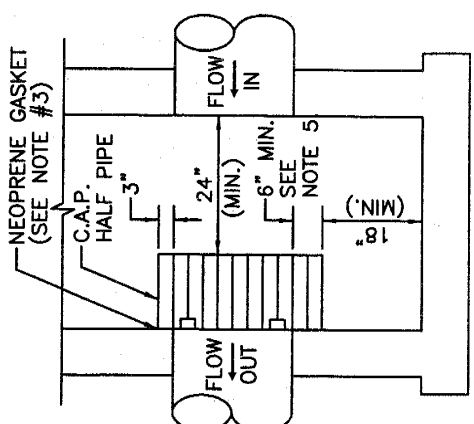
**TYPE A BEDDING  
AND TRENCHING  
DETAILS**  
N.T.S.

ISSUE DATE: \_\_\_\_\_

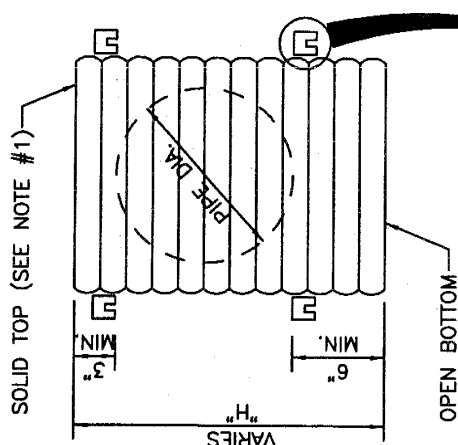
REVISED: \_\_\_\_\_

**D-12**

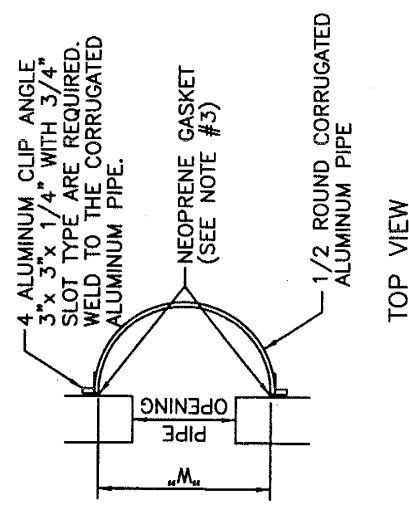




SIDE VIEW



FRONT VIEW



TOP VIEW

PIPE DIA.	W <sup>1</sup> (IN)	W <sup>2</sup> (IN)	T (GAUGE)	H (IN)
15"	21"	24"	16	VARIES
18"	24"	30"	16	VARIES
21"	30"	30"	16	VARIES
24"	30"	36"	16	VARIES
30"	36"	42"	14	VARIES
36"	42"	48"	14	VARIES
42"	48"	54"	14	VARIES
48"	54"	60"	14	VARIES
54"	60"	66"	14	VARIES

1. RECTANGULAR STRUCTURE  
2. ROUND STRUCTURE

NOTES

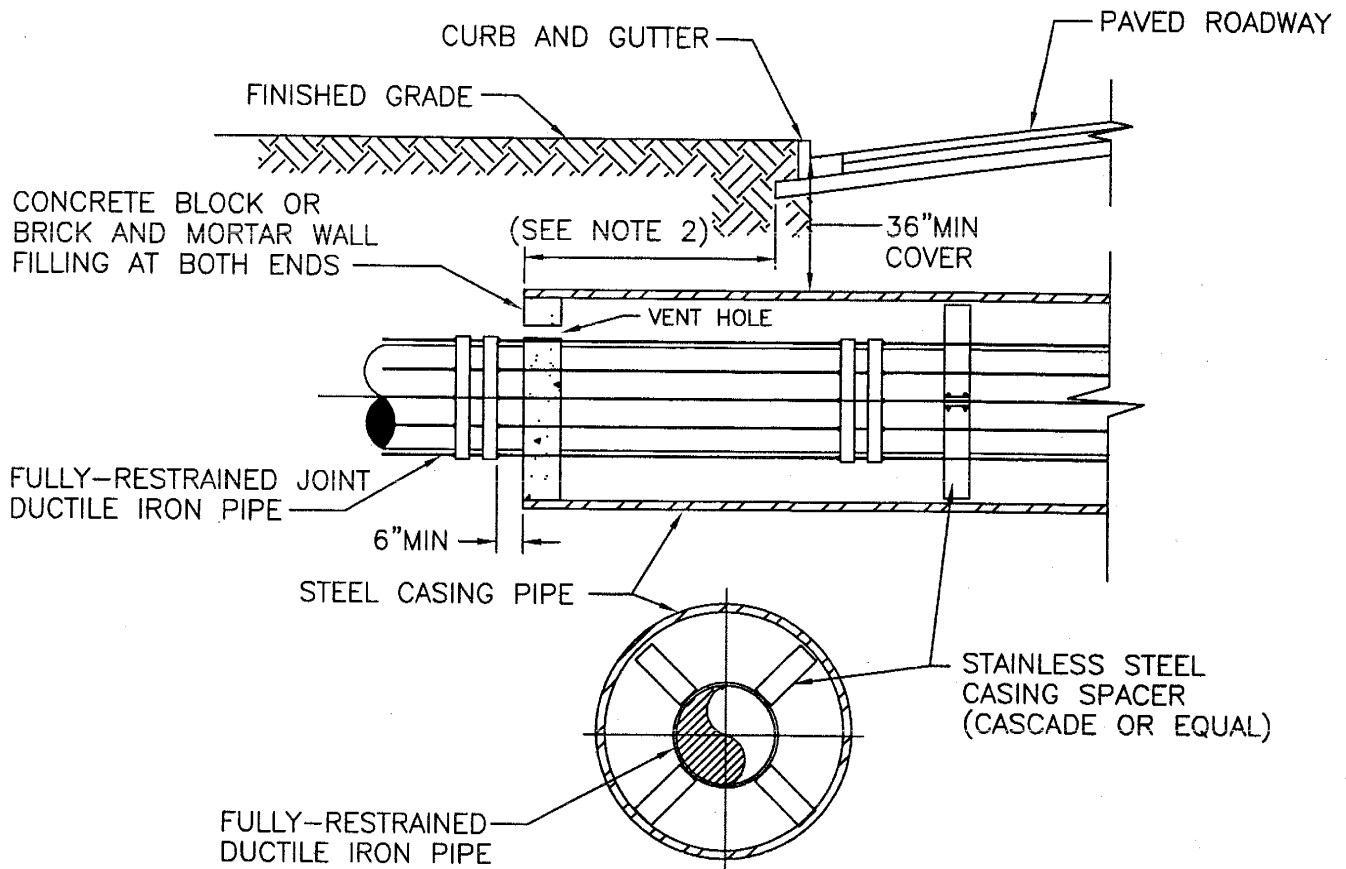
1. ALUMINUM SHEET OF SAME THICKNESS (GAUGE) AS PIPE SHALL BE WELDED TO CLOSE OPENING AT THE TOP.
2. BAFFLE SHALL BE AS MANUFACTURED BY SOUTHERN CULVERT OR ENGINEER'S APPROVED EQUAL.
3. NEOPRENE GASKET (3/8" x 2") SHALL BE INSTALLED AT ALL BAFFLES ON THE SIDES AND AT THE TOP.
4. POLLUTION RETARDANT BAFFLE TO BE ATTACHED TO STRUCTURE W/ 3/8"x4" STAINLESS STEEL "RED HEADS".
5. MINIMUM INVERT ELEVATION ON POLLUTION RETARDANT BAFFLE TO BE 2' BELOW CONTROL ELEVATION.
6. FIBERGLASS BAFFLES ARE NOT PERMITTED.



TOWN OF DAVIE  
STANDARD PAVING  
AND DRAINAGE  
DETAILS AND NOTES

POLLUTION  
RETARDANT BAFFLE  
N.T.S.

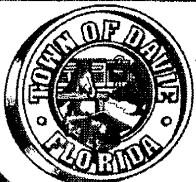
ISSUE DATE: \_\_\_\_\_  
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**NOTES:**

1. WHEN CONSTRUCTION IS WITHIN FDOT JURISDICTION, ADDITIONAL REQUIREMENTS OF THE UTILITY ACCOMODATION MANUAL SHALL BE MET.
2. CASING SHALL BE OF SUFFICIENT LENGTH TO EXTEND UNDER ALL PAVEMENTS AND IN NO CASE SHALL THE END OF THE CASING BE CLOSER THAN EIGHT (8) FEET FROM THE PAVEMENT EDGE INCLUDING PAVED SHOULDERS PLUS ADDITIONAL LENGTH AS NECESSARY TO EXTEND TO THE EXCAVATED SLOPES OF THE JACKING AND RECEIVING PITS.
3. CONTRACTOR SHALL MAINTAIN A MINIMUM OF A 2:1 SLOPE (ANY STEEPER AND PIT MUST BE SHEETED AND SHORED) BEGINNING EIGHT (8) FEET FROM EDGE OF PAVEMENT.
4. THE CONTRACTOR SHALL PROVIDE A 4-INCH DIP CASING VENT AS SHOWN ON THE DRAWINGS FOR RAILWAY CROSSINGS, IN LIEU OF VENT HOLE AS SHOWN ABOVE.

UTILITY CROSSING, BORE AND JACK

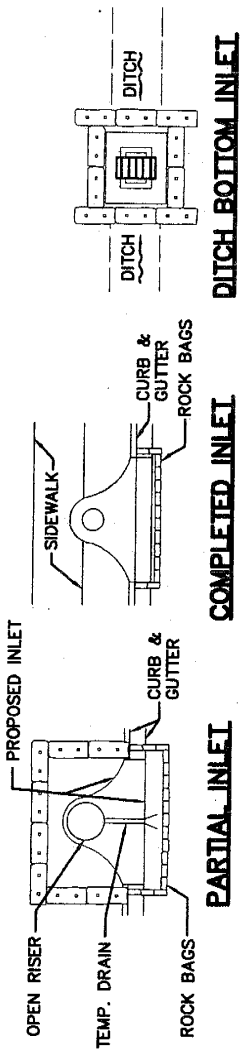


**TOWN OF DAVIE  
STANDARD PAVING  
AND DRAINAGE  
DETAILS AND NOTES**

**BORING AND  
JACKING DETAIL  
N.T.S.**

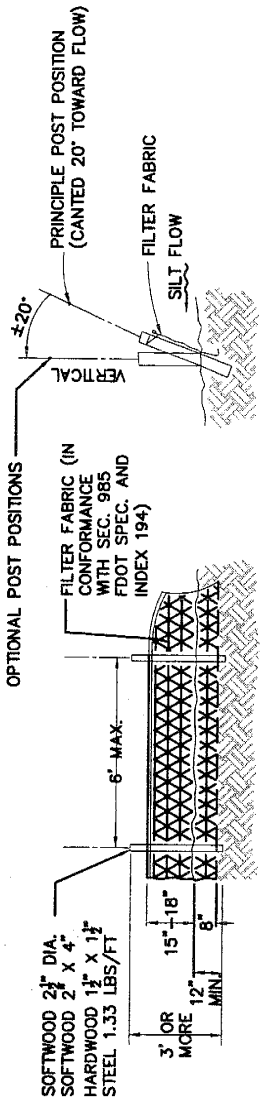
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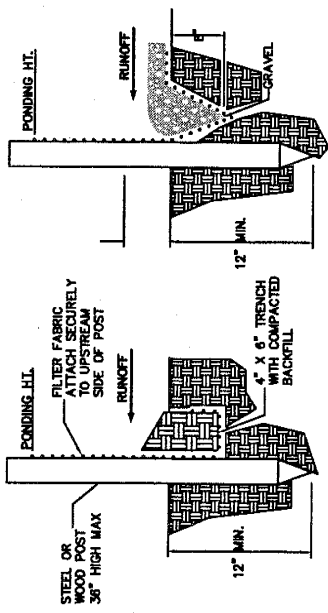
**PROTECTION AROUND INLETS OR SIMILAR STRUCTURES**

FOR ADDITIONAL INFORMATION REFERENCE FDOT INDEX 102



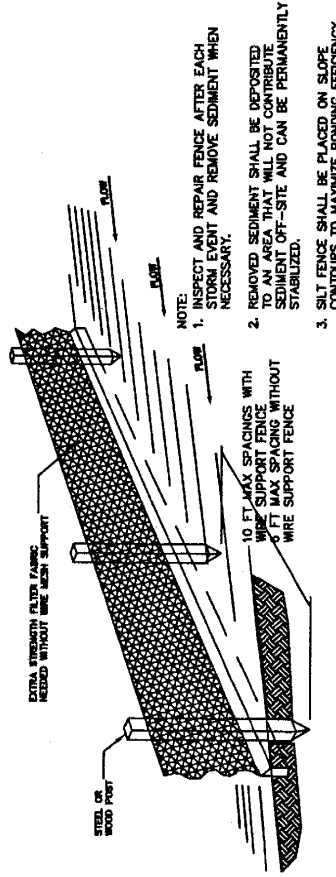
**TYPE III SILT FENCE**  
N.T.S.

POST OPTIONS:  
 SOFTWOOD 2 1/2" DIA.  
 HARDWOOD 1 1/2" x 1 1/2"  
 STEEL 1.33 LBS/FT

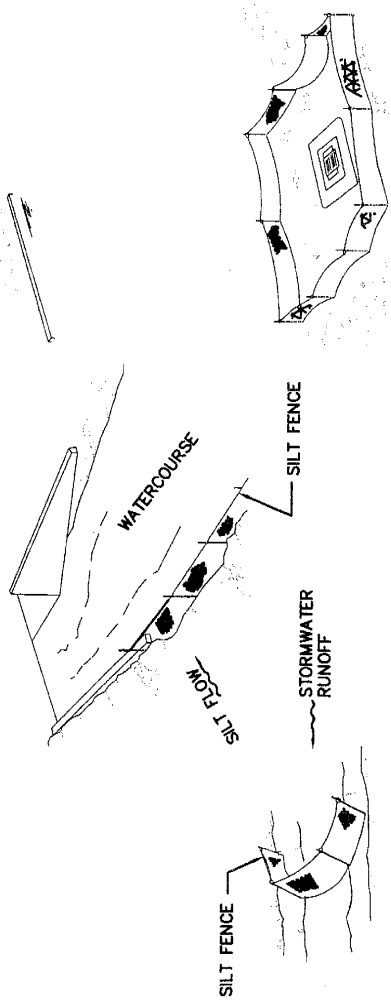


**STANDARD DETAIL**  
TRENCH WITH NATIVE BACKFILL

**ALTERNATE DETAIL**  
TRENCH WITH GRAVEL



NOTE:  
 1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.  
 2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.  
 3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE FLOODING EFFICIENCY.



**SILT FENCE APPLICATIONS**

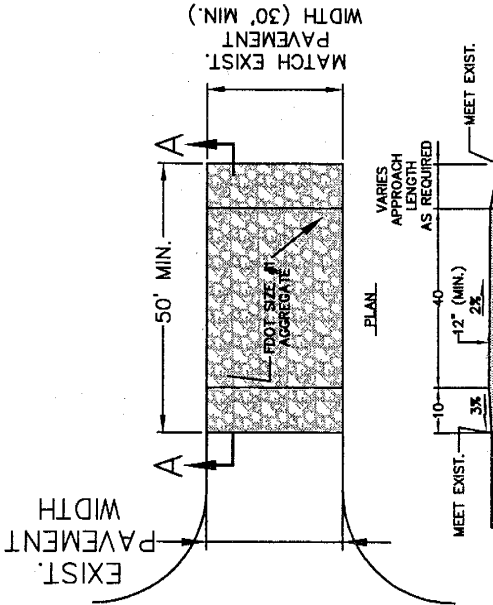


**TOWN OF DAVIE  
 STANDARD PAVING  
 AND DRAINAGE  
 DETAILS AND NOTES**

**STORMWATER POLLUTION  
 PREVENTION DETAILS  
 (1 OF 2)  
 N.T.S.**

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**NOTE:**  
USE SANDBAGS, STRAW BALES OR OTHER APPROVED METHODS TO CHANNELIZE RUNOFF TO BASIN AS REQUIRED.



**CONSTRUCTION ACCESS DETAIL**

N.T.S.

**NOTE:**

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 AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

**EROSION CONTROL:**

1. SEDIMENT IS TO REMAIN ON SITE DURING CONSTRUCTION.
2. METHODS TO CONTROL SURFACE DRAINAGE FROM CUTS AND FILLS TO PREVENT EROSION:
  - A. HOLD THE AREAS OF BARE SOIL EXPOSED AT ONE TIME TO A MINIMUM.
  - B. PROVIDE TEMPORARY CONTROL MEASURES SUCH AS BERMS, DIKES AND DRAINS.
  - C. PROVIDE SILT SCREENS AS REQUIRED TO PREVENT SURFACE WATER CONTAMINATION.
3. PERIODICALLY INSPECT EARTHWORK TO DETECT ANY EVIDENCE OF THE START OF EROSION, APPLY CORRECTIVE MEASURES AS REQUIRED TO CONTROL EROSION.

**GENERAL NOTES**

- TEMPORARY ACCESS ROADS AND PARKING AREAS.**
1. TEMPORARY ROADS SHALL FOLLOW THE CONTOUR OF THE NATURAL TERRAIN TO THE EXTENT POSSIBLE. SLOPES SHOULD NOT EXCEED 10 PERCENT.
  2. TEMPORARY PARKING AREAS SHOULD BE LOCATED ON NATURALLY FLAT AREAS TO MINIMIZE GRADING. GRADES SHOULD BE SUFFICIENT TO PROVIDE DRAINAGE BUT SHOULD NOT EXCEED 4 PERCENT.
  3. ROADBEDS SHALL BE AT LEAST 14 FEET (5.5 m) WIDE FOR ONE-WAY TRAFFIC AND 20 FEET (8 m) WIDE FOR TWO-WAY TRAFFIC.
  4. ALL CUTS AND FILLS SHALL HAVE SIDE SLOPES THAT ARE STABLE FOR THE PARTICULAR SOIL. SLOPES OF 2:1 OR FLATTER ARE RECOMMENDED FOR CLAY SOILS, AND SLOPES OF 3:1 OR FLATTER ARE RECOMMENDED FOR SANDY SOILS.
  5. STORMWATER SYSTEM SHALL BE PROVIDED AS NEEDED AND SHALL BE DESIGNED AND CONSTRUCTED ACCORDING TO APPLICABLE REGULATIONS.
  6. THE ROADBED OR PARKING SURFACE SHALL BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
  7. A 6 INCH (15 cm) COURSE OF FDOT NO. 1 AGGREGATE SHALL BE APPLIED IMMEDIATELY AFTER GRADING OR THE COMPLETION OF UTILITY INSTALLATION WITHIN THE RIGHT-OF-WAY. FILTER FABRIC MAY BE APPLIED TO THE ROADBED FOR ADDITIONAL STABILITY ACCORDING TO THE FABRIC MANUFACTURER'S SPECIFICATIONS.

**GENERAL NOTES**

1. TYPE III SILT FENCE TO BE USED AT MOST LOCATIONS. WHERE USED IN DITCHES, THE SPACING FOR TYPE III SILT FENCE SHALL BE IN ACCORDANCE WITH CHART 1, SHEET 1.
2. TYPE IV SILT FENCE TO BE USED WHERE LARGE SEDIMENT LOADS ARE ANTICIPATED. SUGGESTED USE IS WHERE FILL SLOPE IS 1:2 OR STEEPER AND LENGTH OF SLOPE EXCEEDS 25 FEET. AVOID USE WHERE THE DETAINED WATER MAY BACK INTO TRAVEL LANES OR OFF THE RIGHT-OF-WAY.
3. DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.
4. WHERE USED AS SLOPE PROTECTION, SILT FENCE IS TO BE CONSTRUCTED ON 0% LONGITUDINAL GRADE TO AVOID CHANNELIZING RUNOFF ALONG THE LENGTH OF THE FENCE.
5. SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE, (LF).

**NOTES:**

1. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES.
2. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UTILITY LINES.
3. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH EPL ON ANY WORK IN THE VICINITY OF OVERHEAD OR UNDERGROUND POWER LINES.
4. CONTRACTOR SHALL VERIFY PROPER CLEARANCE BELOW EXISTING OVERHEAD POWER LINES PRIOR TO WORKING WITHIN THE VICINITY OF THE POWER LINES.

**TOWN OF DAVIE  
STANDARD PAVING  
AND DRAINAGE  
DETAILS AND NOTES**



**STORMWATER POLLUTION  
PREVENTION DETAILS  
(2 OF 2)**

N.T.S.

ISSUE DATE: \_\_\_\_\_  
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