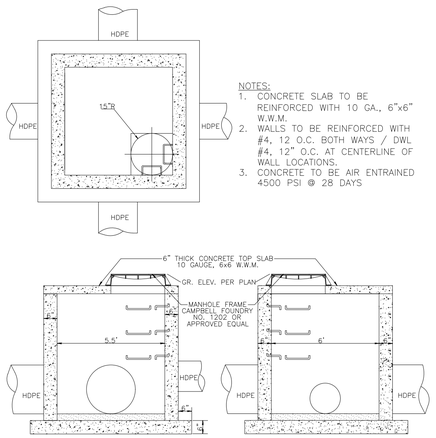
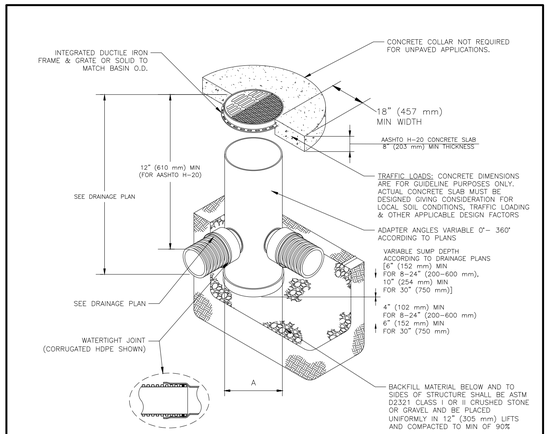



NOTES:
1. CONCRETE SLAB TO BE REINFORCED WITH 10 GA., 6"x6" W.W.M.
2. WALLS TO BE REINFORCED WITH #4, 12 O.C. BOTH WAYS / DWL #4, 12" O.C. AT CENTERLINE OF WALL LOCATIONS.
3. CONCRETE TO BE AIR ENTRAINED 4500 PSI @ 28 DAYS

## DRAINAGE MANHOLE

| 01/22 | DR#44 |
|---|---|
| N.T.S. | NEWLINES |



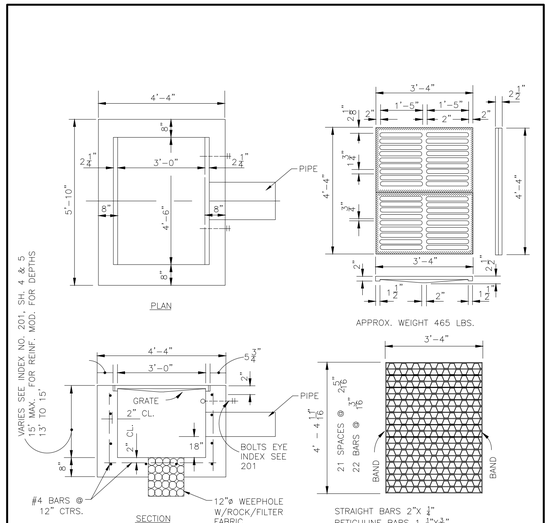

## NOTES

1. 8–30" (200–750 mm) GRATES/SOLID COVERS SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70–50–05
2. 12–30" (300–750 mm) FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70–50–05
3. DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS
4. DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE & SDR 35 PVC
5. FOR COMPLETE DESIGN AND PRODUCT INFORMATION: **WWW.NYLOPLAST-US.COM**
6. TO ORDER CALL: **800-821-6710**

| A | PART # | GRATE/SOLID COVER OPTIONS | | |
|---|---|---|---|---|
| 8" (200 mm) | 2808AG | PEDESTRIAN LIGHT DUTY | STANDARD LIGHT DUTY | SOLID LIGHT DUTY |
| 10" (250 mm) | 2810AG | PEDESTRIAN LIGHT DUTY | STANDARD LIGHT DUTY | SOLID LIGHT DUTY |
| 12" (300 mm) | 2812AG | PEDESTRIAN AASHTO H-10 | STANDARD AASHTO H-20 | SOLID AASHTO H-20 |
| 15" (375 mm) | 2815AG | PEDESTRIAN AASHTO H-10 | STANDARD AASHTO H-20 | SOLID AASHTO H-20 |
| 18" (450 mm) | 2818AG | PEDESTRIAN AASHTO H-10 | STANDARD AASHTO H-20 | SOLID AASHTO H-20 |
| 24" (600 mm) | 2824AG | PEDESTRIAN AASHTO H-10 | STANDARD AASHTO H-20 | SOLID AASHTO H-20 |
| 30" (750 mm) | 2830AG | PEDESTRIAN AASHTO H-20 | STANDARD AASHTO H-20 | SOLID AASHTO H-20 |

## INSPECTION PORT/DRAIN BASIN/YARD DRAIN DETAIL

| 06/23 | DR #3 |
|---|---|
| N.T.S. | NEWLINES |

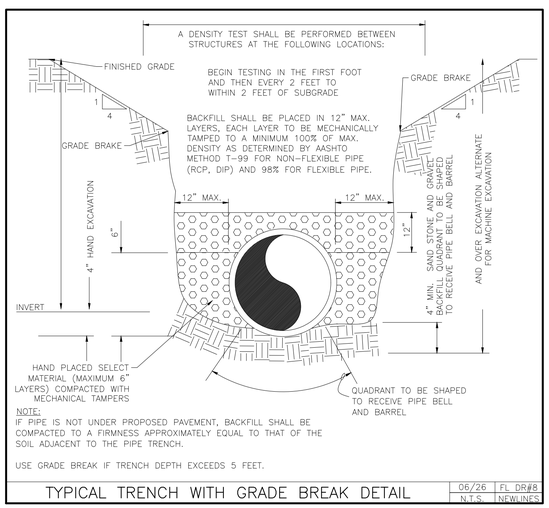



RECOMMENDED MAXIMUM PIPE SIZE:
3'–0" WALL–24" PIPE

NOTES:
1) STEEL GRATES ARE REQUIRED ON INLETS WITH TRAVERSABLE SLOTS AND ON INLETS WHERE BICYCLE TRAFFIC IS ANTICIPATED.
2) ALL INLETS WILL BE CAST TO PROVIDE A 18" SUMP BELOW LOWEST CULVERT INVERT

## PRE–CAST TYPE 'E' CATCH BASIN

| 09/22 | FL DR#6 |
|---|---|
| N.T.S. | NEWLINES |




NOTE:
IF PIPE IS NOT UNDER PROPOSED PAVEMENT, BACKFILL SHALL BE COMPACTED TO A FIRMNESS APPROXIMATELY EQUAL TO THAT OF THE SOIL ADJACENT TO THE PIPE TRENCH.

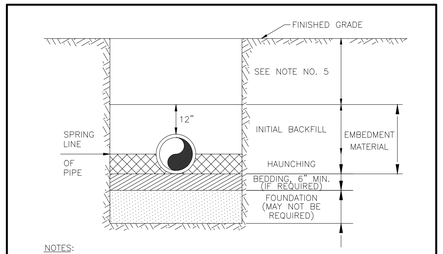
USE GRADE BREAK IF TRENCH DEPTH EXCEEDS 5 FEET.

## TYPICAL TRENCH WITH GRADE BREAK DETAIL

| 06/26 | FL DR#8 |
|---|---|
| N.T.S. | NEWLINES |

NOTE:
UNLESS OTHERWISE NOTED THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY DE–WATERING OF STRUCTURES, SEWER LINE, DRAINAGE PIPE AND WATER LINES.

ALL CONCRETE TO BE CLASS 'B' 3500 PSI
(UNLESS OTHERWISE NOTED)

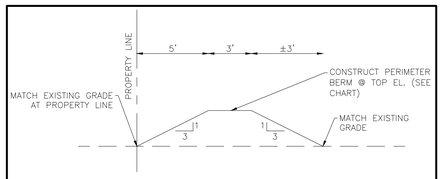



NOTES:

1. IN CERTAIN SOIL CONDITIONS A FOUNDATION MAY BE REQUIRED.
2. BEDDING IS REQUIRED PRIMARILY TO BRING THE TRENCH BOTTOM UP TO GRADE. BEDDING MATERIALS SHALL PROVIDE A UNIFORM AND ADEQUATE LONGITUDINAL SUPPORT UNDER THE PIPE.
3. HAUNCHING MATERIAL SHALL BE HAND PLACED TO THE SPRINGLINE OF THE PIPE. MATERIAL SHALL BE CONSOLIDATED UNDER THE PIPE AND HAND TAMPED TO PROVIDE ADEQUATE SIDE SUPPORT.
4. INITIAL BACKFILL MATERIAL SHALL BE HAND PLACED TO 12" ABOVE THE TOP OF PIPE. THE SOIL SHALL BE COMPACTED.
5. BACKFILL SHALL BE COMPACTED TO 100% OF MAX. DENSITY AS PER AASHTO T–99, TO A POINT 30" BELOW PROPOSED PROFILE GRADE OR EXISTING GRADE. THE FINAL 30" OF BACKFILL SHALL BE COMPACTED TO 98% OF MAX. DENSITY AS PER AASHTO T–180.
6. DENSITY TEST SHALL BE PREFORMED AT AREAS DETERMINED BY THE UTILITIES ENGINEER OR PERMIT AGENCY HAVING JURISDICTION, AT THE CONTRACTOR'S EXPENSE.

## BACKFILLING REQUIREMENTS

| 09/22 | FL DR#12 |
|---|---|
| N.T.S. | NEWLINES |



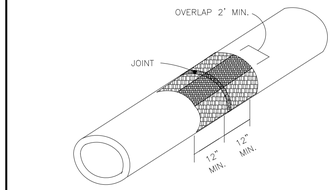

| STRUCTURE | PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 |
|---|---|---|---|---|
| PERIMETER BERM | 16.00' | 16.00' | 16.50' | 16.50' |
| COMERCIAL PERIMETER BERM | 18.90' | 18.70' | 18.90' | 18.50' |

NOTE:
SOD LIMITS OF SECTION

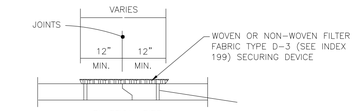
THE BERM SHOULD HAS A TRANSITION TO THE LOWER BERM WITH A LENGTH OF 15'.

## PERIMETER BERM

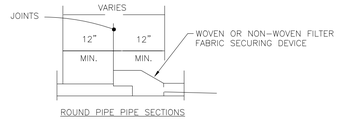
| 09/23 | DR #7 |
|---|---|
| N.T.S. | NEWLINES |




ISOMETRIC VIEW




ELLIPTICAL PIPE



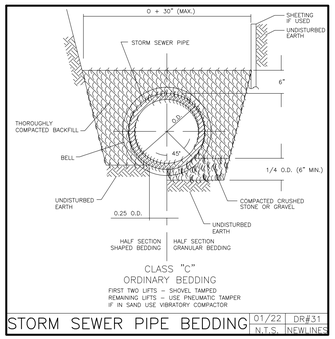

ROUND PIPE PIPE SECTIONS

COST OF FILTER FABRIC JACKET TO BE INCLUDED IN COST OF PIPE CULVERTS

FOR ALL PIPE TYPES

## FILTER FABRIC JACKET

| 09/22 | FL DR#14 |
|---|---|
| N.T.S. | NEWLINES |




CLASS "C"
ORDINARY BEDDING
FIRST TWO LIFTS – SHOVEL TAMPED
REMAINING LIFTS – USE PNEUMATIC TAMPER
IF IN SAND USE VIBRATORY COMPACTOR

## STORM SEWER PIPE BEDDING

| 01/22 | DR#31 |
|---|---|
| N.T.S. | NEWLINES |

# CONSTRUCTION NOTES & DETAILS

## PHASE 1 - COMMERCIAL AREAS

LOCATED IN SECTIONS 34&35, TOWNSHIPS 38&39 SOUTH, RANGE 34 EAST, GLADES COUNTY, FLORIDA

| | | | |
|---|---|---|---|
| 4/20/26 | REVISED GRADING PER FDOT MODIFICATIONS | TL | PDC |
| 1/08/26 | REVISED PER WWTP SITE | TL | GL |
| 8/29/23 | REVISED PER CONTRACTOR COMMENTS | TL | PDC/JQ |
| 8/2/23 | REVISED WETLAND GRADIENT AND IMPERMEABLE BARRIERS COMMENTS | TL | PDC |
| 7/5/23 | REVISED PER SFWMD LETTER COMMENTS DATED 6/26/23 | TL | PDC/CC |
| 4/25/23 | REVISED AS PER COUNTY LETTER DATED 4/25/23 | SLD | JCS/AA |
| DATE | DESCRIPTION | ENGINEER | CAD |

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NEWLINES LAND CONSULTANTS

STEVEN L. DOBBS, P.E.

FLORIDA CERTIFICATE OF AUTHORIZATION NO. 00029206

STEVEN L. DOBBS ENGINEERING, LLC
1062 JAKES WAY OKEECHOBEE, FL 34974, PHONE (863) 824-7644

| | |
|---|---|
| PROJECT No. | 21534 |
| DRAWN BY | YB/MB |
| SCALE | NTS |
| DATE | 4/28/2026 |
| SHEET No. | 13 OF 21 |

Z:\2021\21534-Steven Dobbs- Harvey Estates\CAD (2)\04-COMMERCIAL\1.1 SHUL AND MIKVAH\1.1 COMMERCIAL SHEET.DWG 2026-04-28