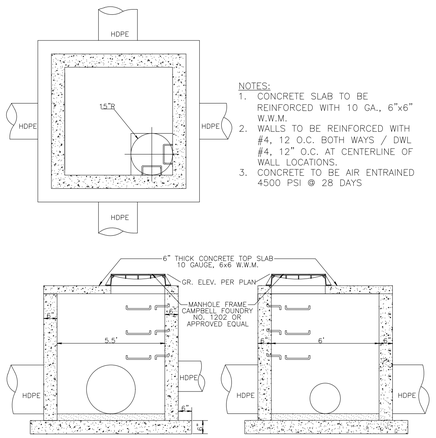
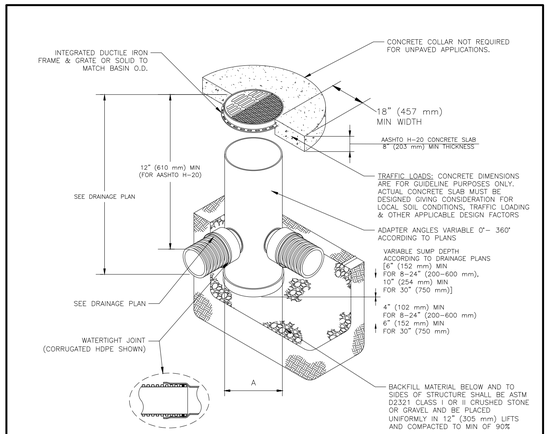


NOTES:
1. CONCRETE SLAB TO BE REINFORCED WITH 10 GA., 6"x6" W.W.M.
2. WALLS TO BE REINFORCED WITH #4, 12 O.C. BOTH WAYS / DWL #4, 12" O.C. AT CENTERLINE OF WALL LOCATIONS.
3. CONCRETE TO BE AIR ENTRAINED 4500 PSI @ 28 DAYS

DRAINAGE MANHOLE

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



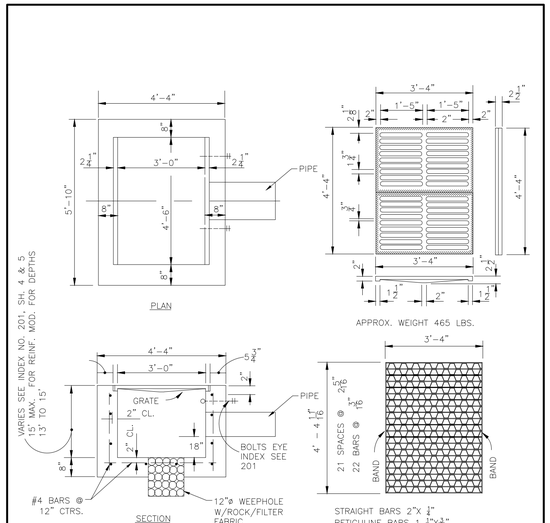
NOTES

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

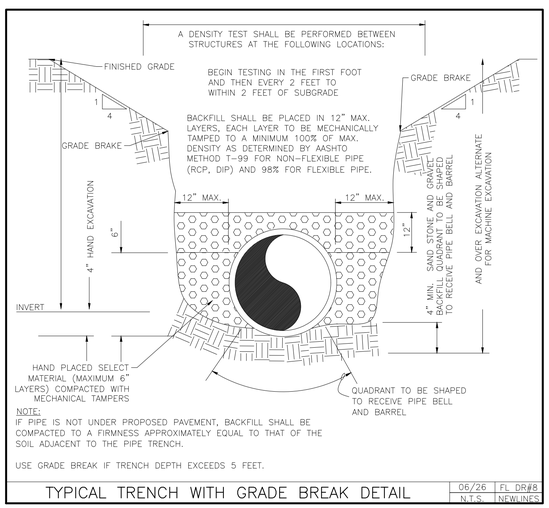


RECOMMENDED MAXIMUM PIPE SIZE:
3'–0" WALL–24" PIPE

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.

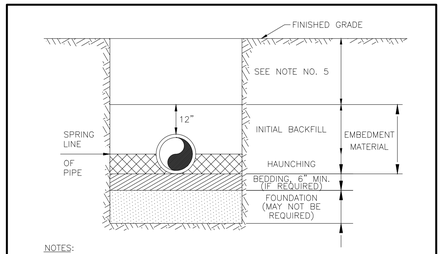
USE GRADE BREAK IF TRENCH DEPTH EXCEEDS 5 FEET.

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)

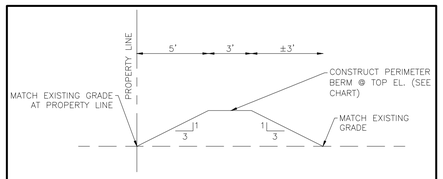


NOTES:

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



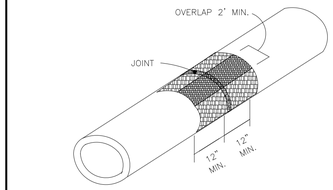
STRUCTURE	PHASE 1	PHASE 2	PHASE 3	PHASE 4
PERIMETER BERM	16.00'	16.00'	16.50'	16.50'
COMERCIAL PERIMETER BERM	18.90'	18.70'	18.90'	18.50'

NOTE:
SOD LIMITS OF SECTION

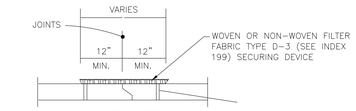
THE BERM SHOULD HAS A TRANSITION TO THE LOWER BERM WITH A LENGTH OF 15'.

PERIMETER BERM

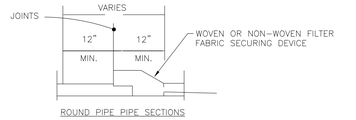
09/23	DR #7
N.T.S.	NEWLINES



ISOMETRIC VIEW



ELLIPTICAL PIPE



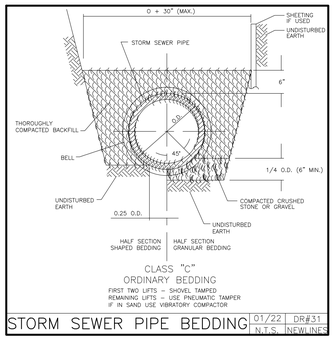
ROUND PIPE PIPE SECTIONS

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

THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADOPTION BY STEVEN L. DOBBS, P.E., SHALL BE WITHOUT LIABILITY TO NEWLINES ENGINEERING & SURVEY AND STEVEN L. DOBBS ENGINEERING, LLC.

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