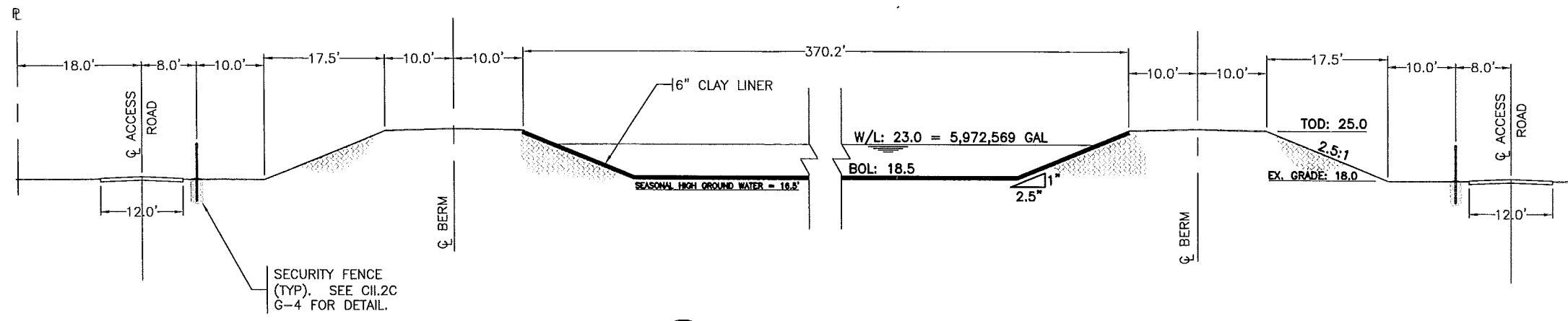


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 Tue Nov 27, 2007 at 3:28pm, XREF: (used: 2234-F (H:\CAMDEN COUNTY\CAD302 - Camden Village Sewer\300 - Drawings\WWT\G2G3-G-3-BE-LAG-1.dwg))
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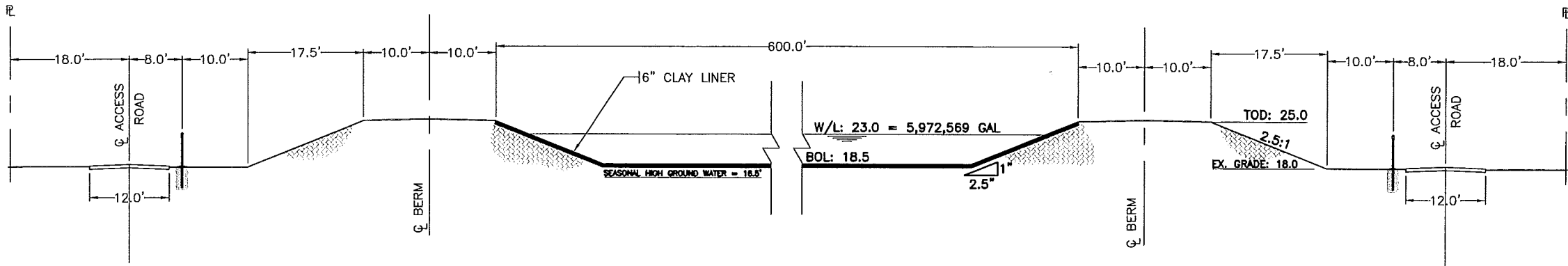
1798.6' circumference

6.5'

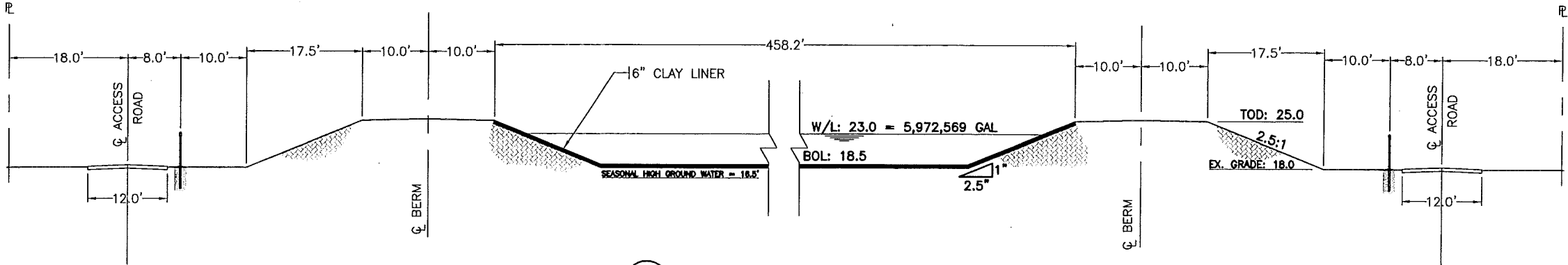


B STORAGE LAGOON CROSS SECTIONS
 G2/G3 SCALE: 1" = 10'

RECORD DRAWING
 DATE 1-24-08



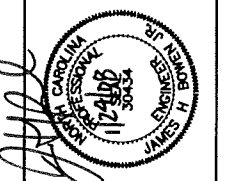
C STORAGE LAGOON CROSS SECTIONS
 G2/G3 SCALE: 1" = 10'



D STORAGE LAGOON CROSS SECTIONS
 G2/G3 SCALE: 1" = 10'

NOTE: CLAY LINER SHALL HAVE A HYDRAULIC CONDUCTIVITY NO GREATER THAN 1×10^{-6} CENTIMETERS PER SECOND WHEN COMPACTED.

SYMBOL	DESCRIPTION	DATE	BY



Hobbs, Upchurch & Associates, P.A.
 Consulting Engineers

SOUTHERN PINES, NC - CHARLOTTE, NC - NAGS HEAD, NC
 MYRTLE BEACH, SC - BEAUFORT, SC

2522 S. Croatan Hwy., Suite 2A, Nags Head, North Carolina 27959
 Phone: (252) 441-3913 - Fax: (252) 441-2100

WASTEWATER TREATMENT FACILITIES
 CAMDEN VILLAGE CORE PROJECT

SOUTH MILLS TOWNSHIP, CAMDEN COUNTY, NORTH CAROLINA

CONTRACT #2 WWT
 59-DAY STORAGE LAGOON DETAILS

DATE:	FEBRUARY 2006
DESIGNED:	JHB
DRAWN:	JHB
CHECKED:	JHB
SCALE:	1" = 10'
SHEET NO.	CII.2C G-3

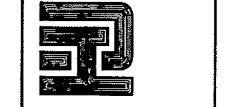
RECORD DRAWING

DATE 1-24-08

SYMBOL	DESCRIPTION	DATE	BY

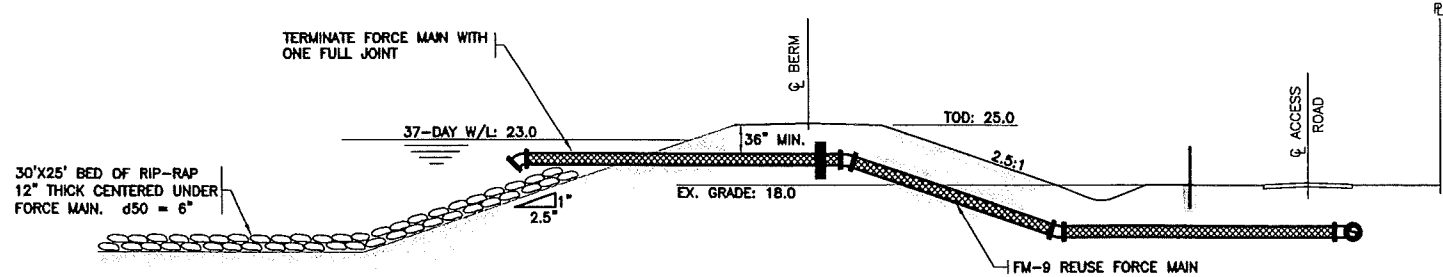


Hobbs, Upchurch & Associates, P.A.
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 SOUTHERN PINES, NC - CHARLOTTE, NC - NAGS HEAD, NC
 MYRTLE BEACH, SC - BEAUFORT, SC
 2522 S. Croatan Hwy., Suite 2A, Nags Head, North Carolina 27959
 Phone: (252) 441-3913 - Fax: (252) 441-2100

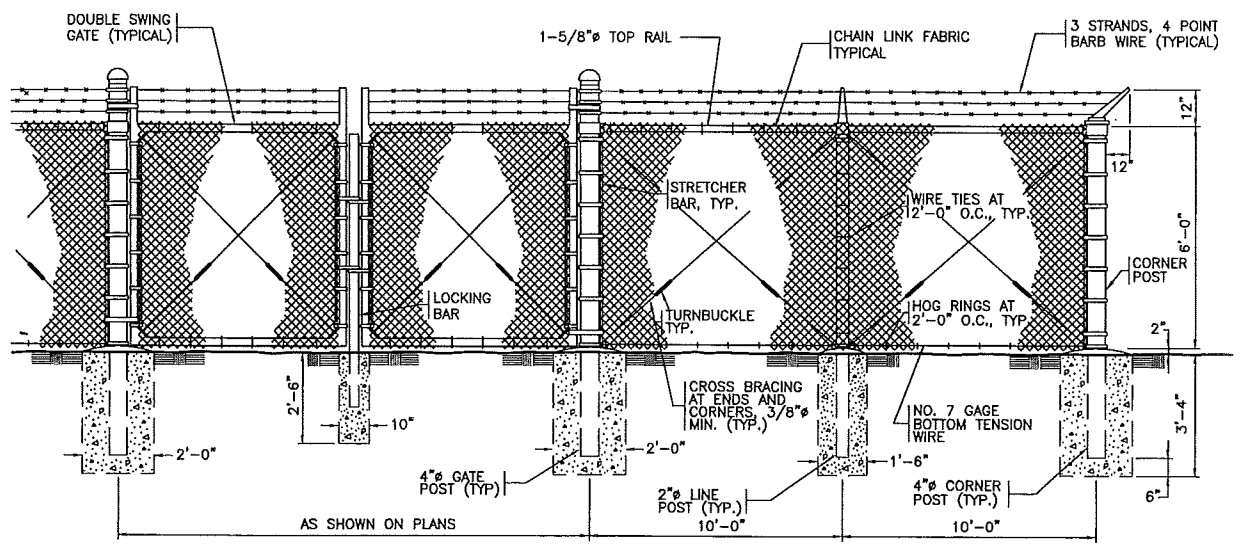


WASTEWATER TREATMENT FACILITIES
 CAMDEN VILLAGE CORE PROJECT
 SOUTH MILLS TOWNSHIP, CAMDEN COUNTY, NORTH CAROLINA
 CONTRACT #2 WWTP
 STORAGE LAGOON DETAILS

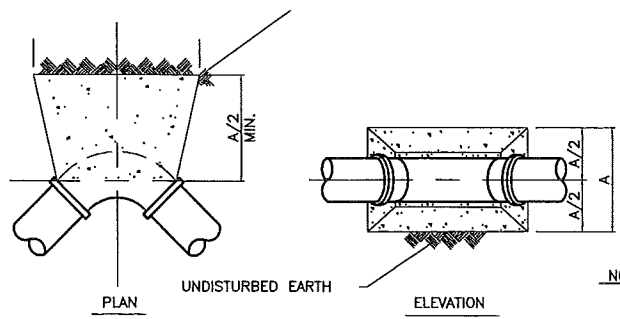
DATE:	FEBRUARY 2006
DESIGNED:	JHB
DRAWN:	JHB
CHECKED:	JHB
SCALE:	AS SHOWN
SHEET NO.	CII.2C
OF:	G-4



FORCE MAIN DISCHARGE PIPE DETAIL
 N.T.S.



6' CHAIN LINK FENCE AND DOUBLE SWING GATE DETAIL
 N.T.S.

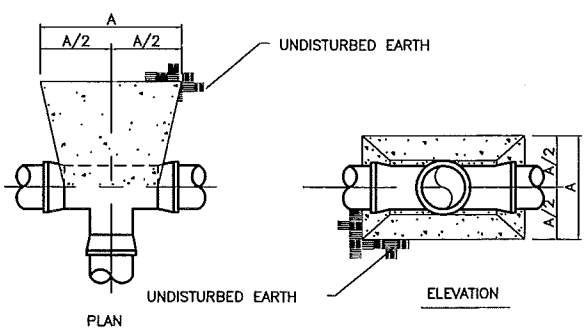


NOTE: THRUST BLOCKS SHALL BE CONSTRUCTED OF 2000 P.S.I. CONCRETE

TABLE "A" DIMENSIONS (IN FEET)

BEND	PIPE SIZE (NOM. DIA. IN INCHES)							
	2	4	6	8	10	12	16	20
90°	1.5	1.9	2.8	3.8	4.7	5.9	7.5	9.4
45°	1.0	1.4	2.1	2.8	3.5	4.3	5.5	6.9
22-1/2°	0.8	1.0	1.5	2.0	2.5	3.1	4.0	4.9
11-1/4°	0.8	1.0	1.1	1.5	1.8	2.2	2.2	3.6

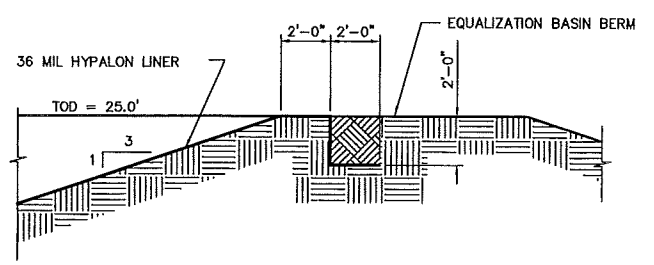
THRUST BLOCK DETAIL FOR FORCE MAIN BENDS
 N.T.S.



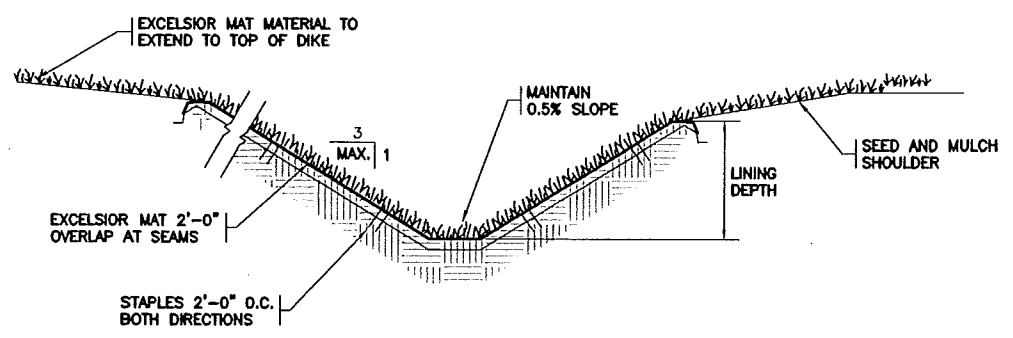
NOTE: THRUST BLOCK SIZE DETERMINED BY SMALLEST DIA. OF TEE

DIM. (IN INCHES)	PIPE SIZE (INCHES)							
	2	4	6	8	10	12	14	16
A	1.6	1.9	2.8	3.8	4.7	5.9	6.6	7.5
								8.5
								9.4

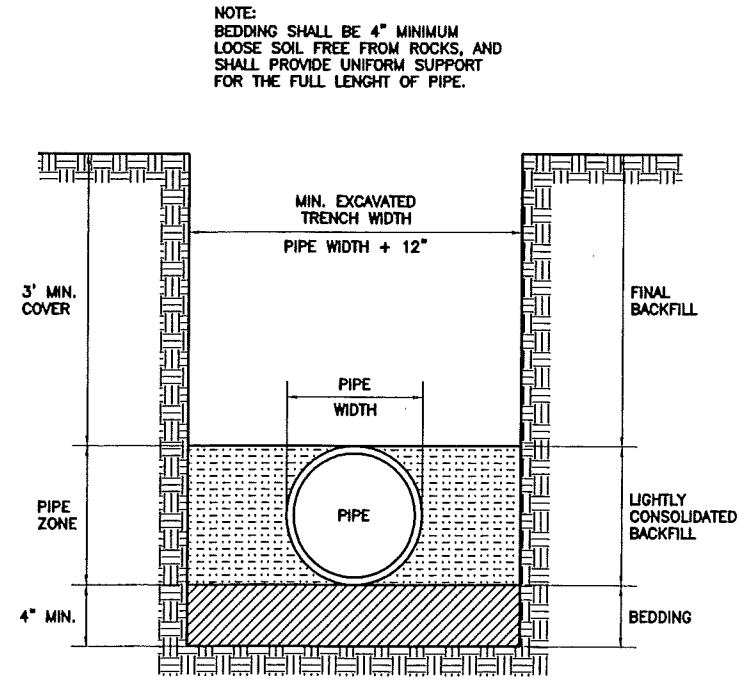
THRUST BLOCK DETAIL FOR FORCE MAIN TEES
 N.T.S.



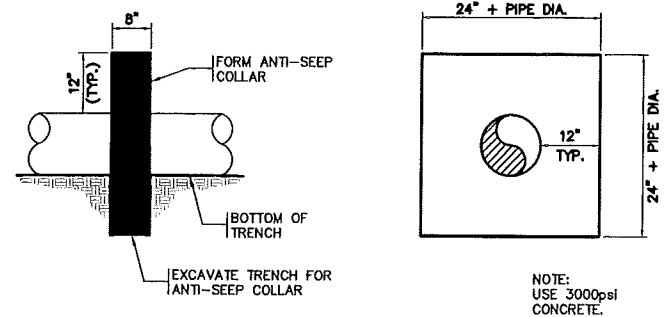
OPTIONAL HYPALON LINER @ TOP OF BERM
 SCALE: NO SCALE



EXCELSIOR MAT GRASS SWALE
DIKE AND DITCH PROTECTION DETAIL
 N.T.S.



TRENCH DETAIL
TYPE 3 LAYING CONDITIONS
 N.T.S.



ANTI-SEEP COLLAR DETAIL
 N.T.S.

NOTE: USE 3000psi CONCRETE.

File: H:\CAMDEN COUNTY\CAD032 - Camden Village Sewer\A325 - A325\WTP\A325\A325-C-25\A325-C-25-LET-LAGOONS.dwg, Layout: CII.2C-G-4-LET-LAGN-2, By: Jermogen, Plotted: Tue Nov 27, 2007 at 3:28pm, XREF: sheet: 2234-F [H:\CAMDEN COUNTY\CAD032 - Camden Village Sewer\A300 - Drainage\WTP\A325-F.dwg]