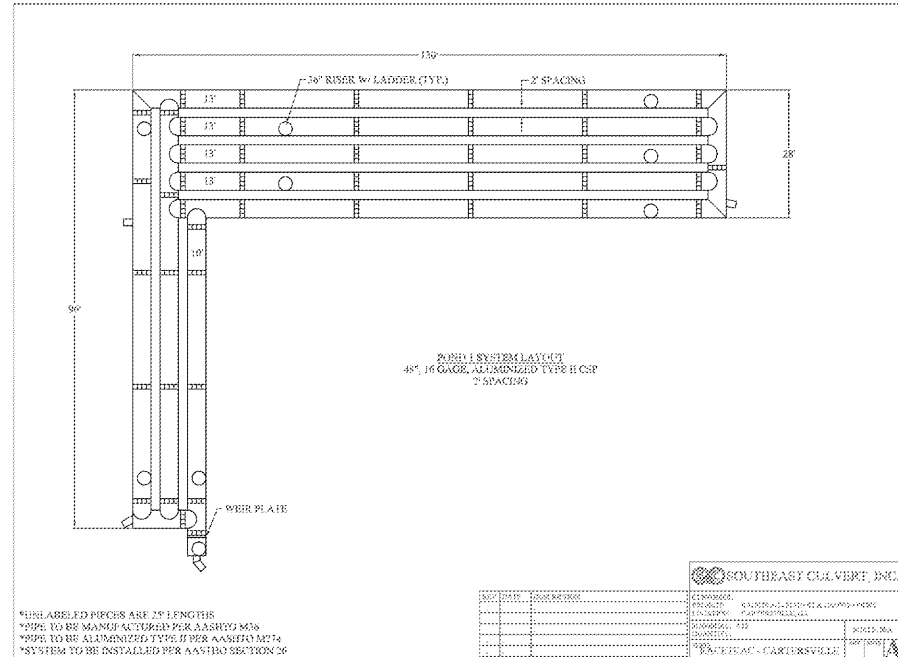


Drawing name: L1005031 - RaceTrac - Cartersville (E Main Street)\_GACADD\CONSTR005031 - 09 - DETAILS.dwg CONSTRUCTION DETAILS - 5 Oct 26, 2018 11:40am by: tradd.anderson

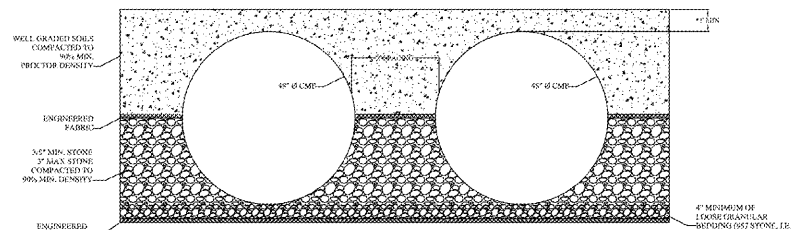


\*MIN LAMINATED PHICES ARE 2' LENGTHS  
 \*PIPE TO BE MANUFACTURED PER AASHTO M36  
 \*PIPE TO BE ALUMINIZED TYPE II PER AASHTO M74  
 \*SYSTEM TO BE INSTALLED PER AASHTO SECTION 26

NO.	DATE	DESCRIPTION

SOUTHEAST CULVERT, INC.	
PROJECT NO.	
DATE	
SCALE	
BY	
CHECKED	
DATE	

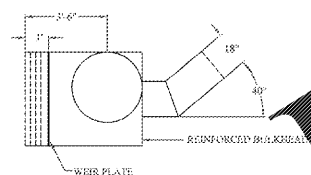
48" Ø DETENTION SYSTEM BACKFILL DETAIL



NOTE: AASHTO #1 IS THE PREFERRED BACKFILL MATERIAL. HOWEVER, OTHER GRANULAR MATERIALS MAY BE USED. BECAUSE DETENTION SYSTEMS ARE OFTEN EXPOSED TO HEAVY CONSTRUCTION LOADS DURING TOTAL COMPLETION OF THE PROJECT, THERE IS NEED FOR EXTRA CARE TO HANDLE THESE LOADS. IF THE MINIMUM COVER IS MORE THAN THE DIAMETER AND THE DIAMETER IS LESS THAN 84", A2 OR A3 MATERIAL MAY GENERALLY BE USED IF THEY ARE PLACED IN 6" LIFTS AND COMPACTED TO 90% PROCTOR DENSITY. AS PIPE DIAMETERS INCREASE AND COVER DECREASES (APPROACHING THE MINIMUM COVER LEVEL), THE QUALITY OF THE BACKFILL AND COMPACTION DENSITY BECOME MORE IMPORTANT.

\*MINIMUM COVER IS MEASURED TO THE BOTTOM OF FLEXIBLE PAVEMENT OR TOP OF RIGID PAVEMENT

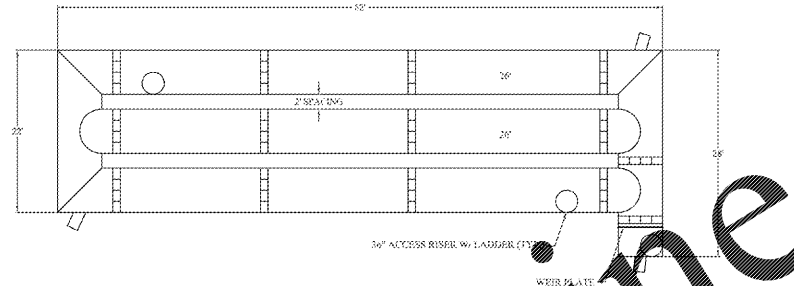
SOUTHEAST CULVERT, INC.	
PROJECT NO.	
DATE	
SCALE	
BY	
CHECKED	
DATE	



POND 1, C/S  
 48" 16 GAGE ALUMINIZED TYPE II CSP

\*RISER MANUFACTURED 1" SHY OF PG FOR ADJUSTMENT OF CONCRETE CURBS BY OTHERS

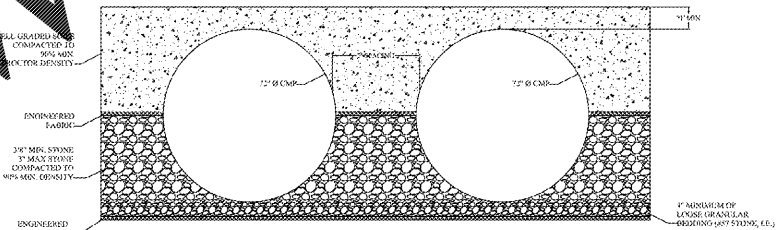
SOUTHEAST CULVERT, INC.	
PROJECT NO.	
DATE	
SCALE	
BY	
CHECKED	
DATE	



\*MIN LAMINATED PHICES ARE 2' LENGTHS  
 \*PIPE TO BE MANUFACTURED PER AASHTO M36  
 \*PIPE TO BE ALUMINIZED TYPE II PER AASHTO M74  
 \*SYSTEM TO BE INSTALLED PER AASHTO SECTION 26

SOUTHEAST CULVERT, INC.	
PROJECT NO.	
DATE	
SCALE	
BY	
CHECKED	
DATE	

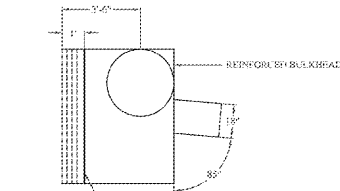
72" Ø DETENTION SYSTEM BACKFILL DETAIL



NOTE: AASHTO #1 IS THE PREFERRED BACKFILL MATERIAL. HOWEVER, OTHER GRANULAR MATERIALS MAY BE USED. BECAUSE DETENTION SYSTEMS ARE OFTEN EXPOSED TO HEAVY CONSTRUCTION LOADS DURING TOTAL COMPLETION OF THE PROJECT, THERE IS NEED FOR EXTRA CARE TO HANDLE THESE LOADS. IF THE MINIMUM COVER IS MORE THAN THE DIAMETER AND THE DIAMETER IS LESS THAN 84", A2 OR A3 MATERIAL MAY GENERALLY BE USED IF THEY ARE PLACED IN 6" LIFTS AND COMPACTED TO 90% PROCTOR DENSITY. AS PIPE DIAMETERS INCREASE AND COVER DECREASES (APPROACHING THE MINIMUM COVER LEVEL), THE QUALITY OF THE BACKFILL AND COMPACTION DENSITY BECOME MORE IMPORTANT.

\*MINIMUM COVER IS MEASURED TO THE BOTTOM OF FLEXIBLE PAVEMENT OR TOP OF RIGID PAVEMENT

SOUTHEAST CULVERT, INC.	
PROJECT NO.	
DATE	
SCALE	
BY	
CHECKED	
DATE	



POND 2, C/S  
 72" 14 GAGE ALUMINIZED TYPE II CSP

\*RISER MANUFACTURED 1" SHY OF PG FOR ADJUSTMENT OF CONCRETE CURBS BY OTHERS

SOUTHEAST CULVERT, INC.	
PROJECT NO.	
DATE	
SCALE	
BY	
CHECKED	
DATE	

Order Plans

@

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NO.	2	CITY COMMENTS	DATE	8/08/18
NO.	3	CITY COMMENTS	DATE	9/05/18
NO.	4	CITY COMMENTS	DATE	9/18/18
NO.	5	CARTERSVILLE ELECTRIC COMMENTS	DATE	9/24/18
NO.	6	STRIPING UPDATE & CITY COMMENTS	DATE	10/16/18
NO.	7	RACETRAC & CITY COMMENTS	DATE	10/26/18

LEICRAW ENGINEERING, INC.  
 3475 CORPORATE WAY - SUITE A  
 DALLAS, GEORGIA 30096 - 770-441-0289  
 WWW.LEICRAWENGINEERING.COM  
 PREPARED IN THE OFFICE OF:

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RaceTrac  
 RACETRAC PETROLEUM, INC.  
 200 GALLERIA PARKWAY, SUITE 900  
 ATLANTA, GA 30339  
 (770) 431-7600

CONSTRUCTION MARKET	1328 E. MAIN STREET
SITE	CARTERSVILLE, BARTOW COUNTY, GEORGIA
LAND LOT 380, 4TH DISTRICT, 3RD SECTION, PARCEL 0388-0380-001	
SCALE	1" = 30'
DATE	03/28/2018
JOB NO.	005031
DATE	03/28/2018
SCALE	1" = 30'
DATE	03/28/2018

CD-5	REV.
SHEET NO.	