CATEGORY I

LAKE PENDLETON DAM UPGRADES

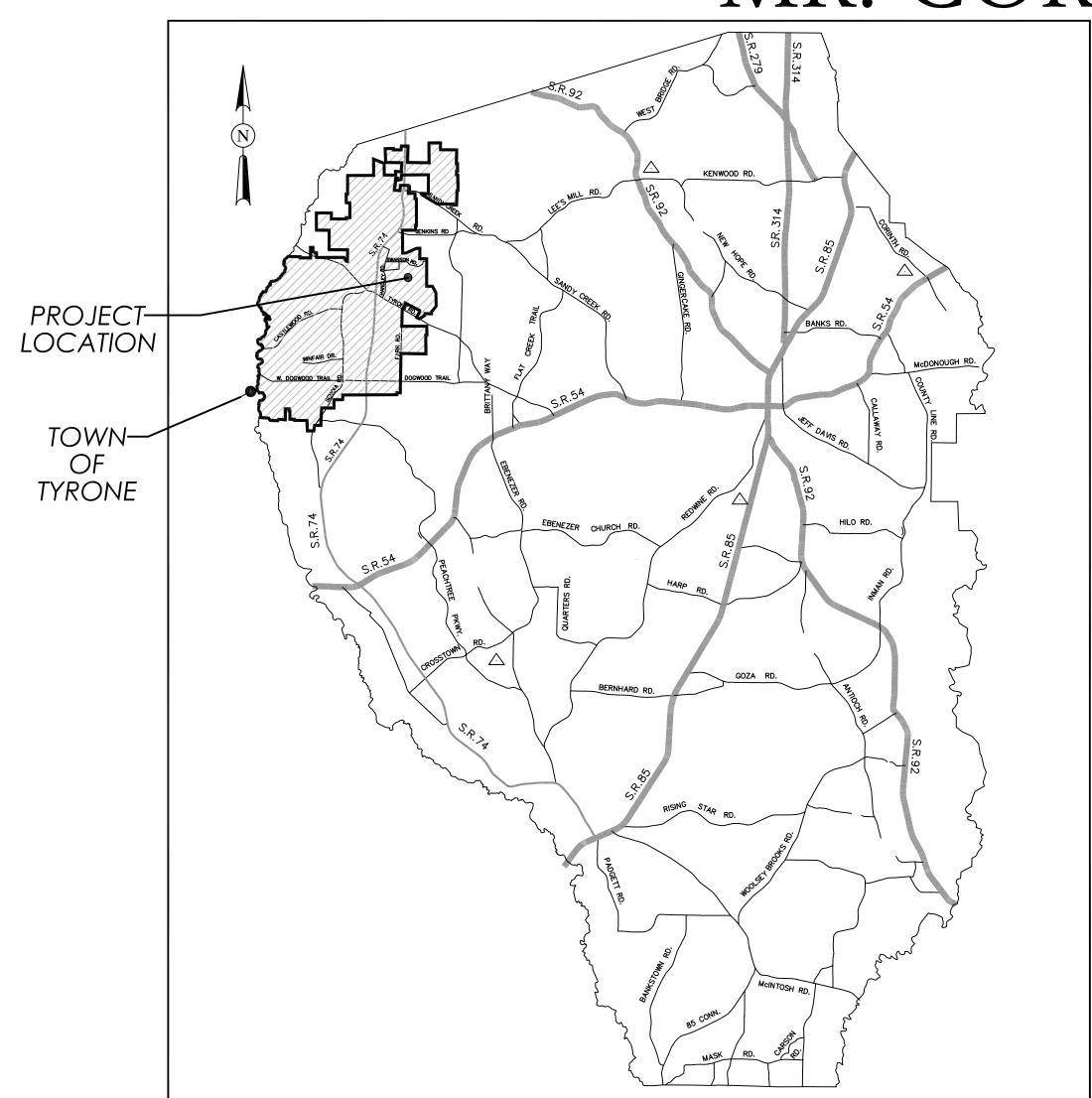
for

TOWN of TYRONE, GEORGIA

PENDLETON HOME OWNERS ASSOCIATION

MR. BENJAMIN GAXIOLA

MR. CORY BURKE & MS. SUZANNE DEITER



LOCATION MAP

FAYETTE COUNTY

AUTHORIZED BY: TOWN OF TYRONE, GEORGIA

881 Senoia Road Tyrone, Georgia 30290 P: 770-487-4038

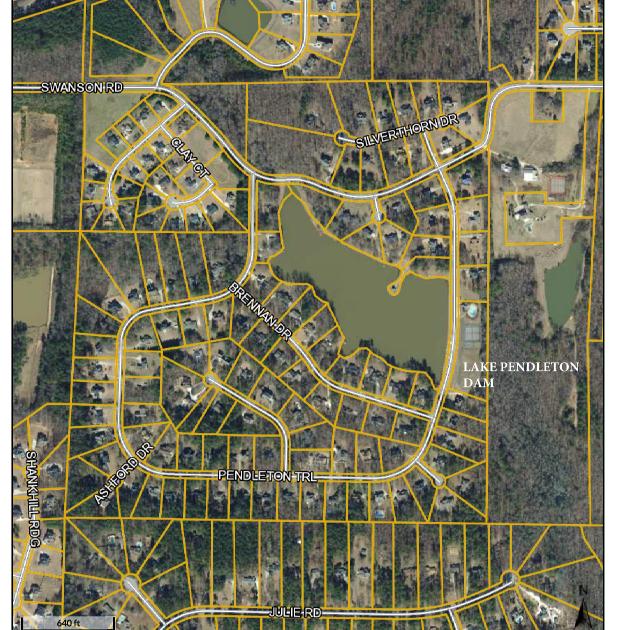
Eric Dial - Mayor Gloria Furr - Council Member (Mayor Pro Tem) Jessica Whelan - Council Member Dia Hunter - Council Member Billy Cam[bell - Council Member

24 Hour Emergency Contact and Erosion Control Contact:

NAME: Scott Langford
ADDRESS: 881 Senoia Road
Tyrone, GA 30292
PHONE: 803-807-7658



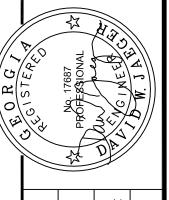




PROJECT LOCATION MAP
Enlarged View

DRAWING INDEX

SHEET NO.	DESCRIPTION
1.0	COVER, LOCATION MAPS AND INDEX
2.0	EXISTING CONDITIONS
3.0	SITE PLAN
4.0	SECTIONS AT BOX CULVERT & INTERNAL DRAINS
4.1	DETAILS
5.0	INTAKE STRUCTURE
6.0-11.0	BOX CULVERT DETAILS
12.0-12.3	STORM LINE "A" DETAILS & PROFILE
13.0	STORM LINE "B" PROFILE
14.0	DROP INLET DETAILS
15.0	UTILITY PLAN, PAVING PLAN & CONSTRUCTION DETAILS
16.0	ASPHALT PATH MODIFICATIONS
FC10-FC110	FROSION, SEDIMENT & POLLUTION CONTROL PLANS



DESIGN MCI SCALE N.T.S.

DRAWN JLP DATE 10/21/19

CHECK DWJ 18101-24C

APPROVED SHEET NO. 1.0

DJ DWJ DESIGN MCI
DJ DWJ DRAWN JLP
DJ DWJ CHECK DWJ

-13-25 PER SDP REVIEW DJ
-13-25 PER SDP REVIEW DJ
-10-24 PER SDP REVIEW DJ
-10-23 PER SDP REVIEW DJ

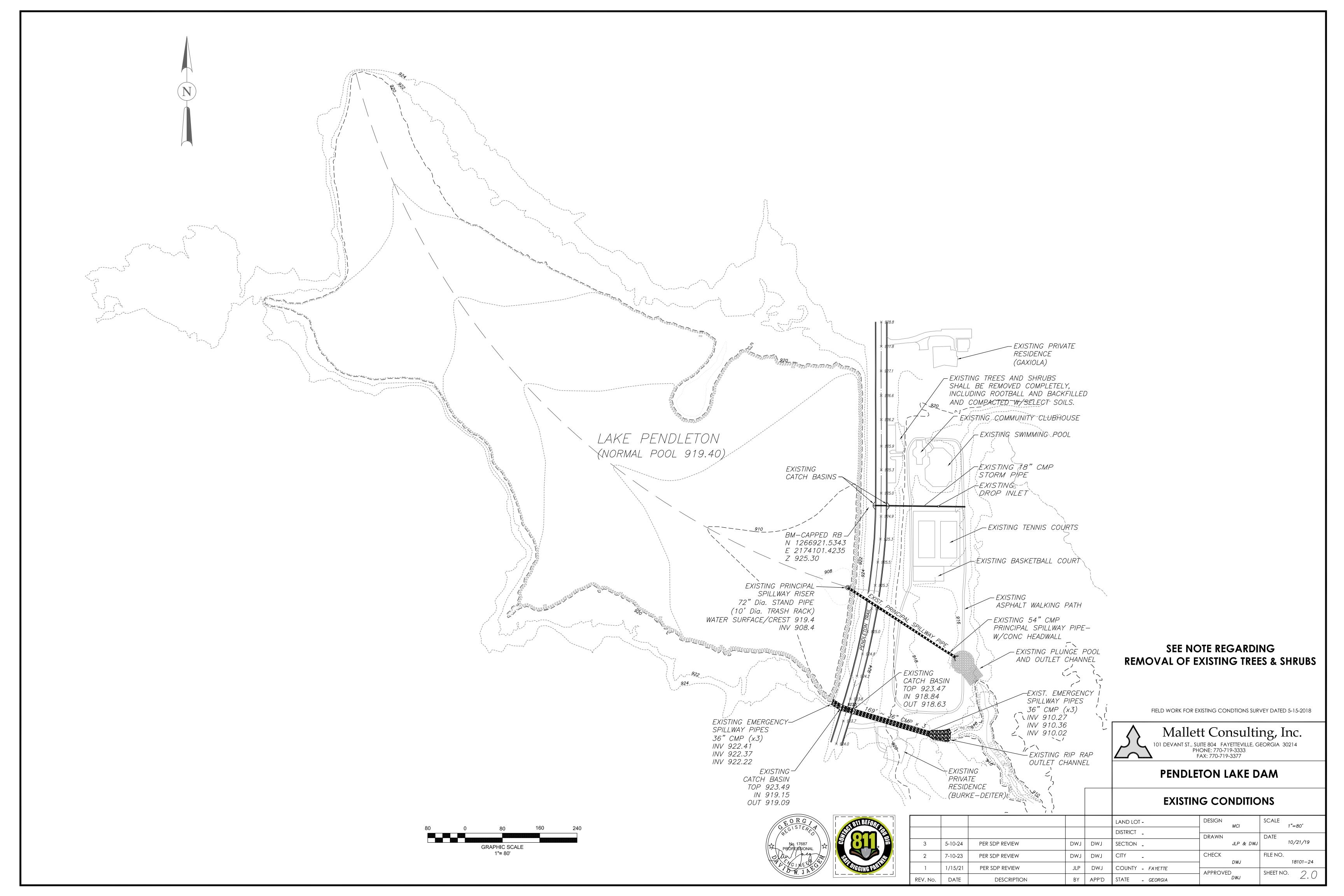
DES 5 6-9-25 PER SDP 4 2-13-25 PER SDP 3 5-10-24 PER SDP 2 7-10-23 PER SDP PEN SDP PEN

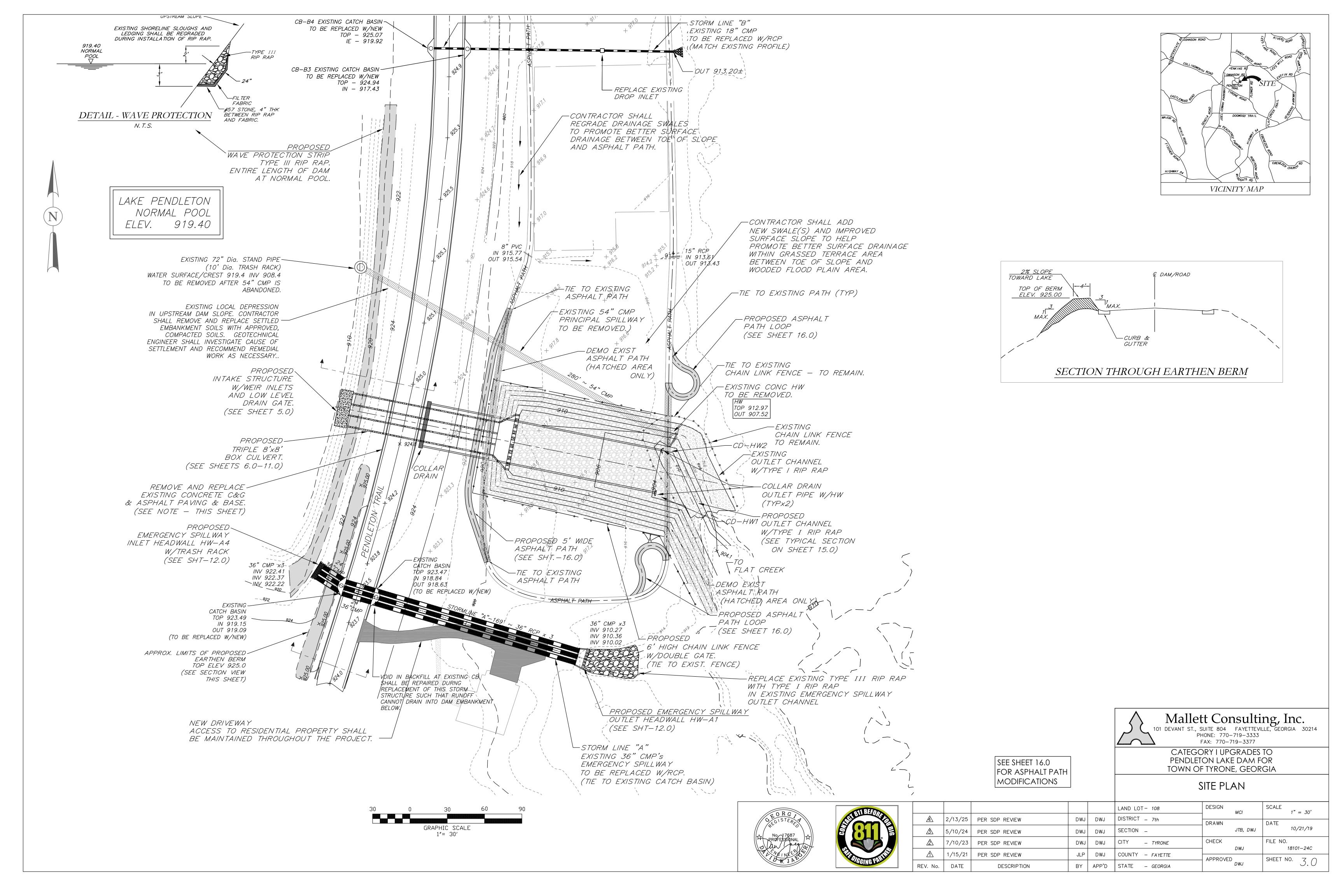
I LAKE PENDLETON DAM UPGRADES
TOWN OF TYRONE, GEORGIA

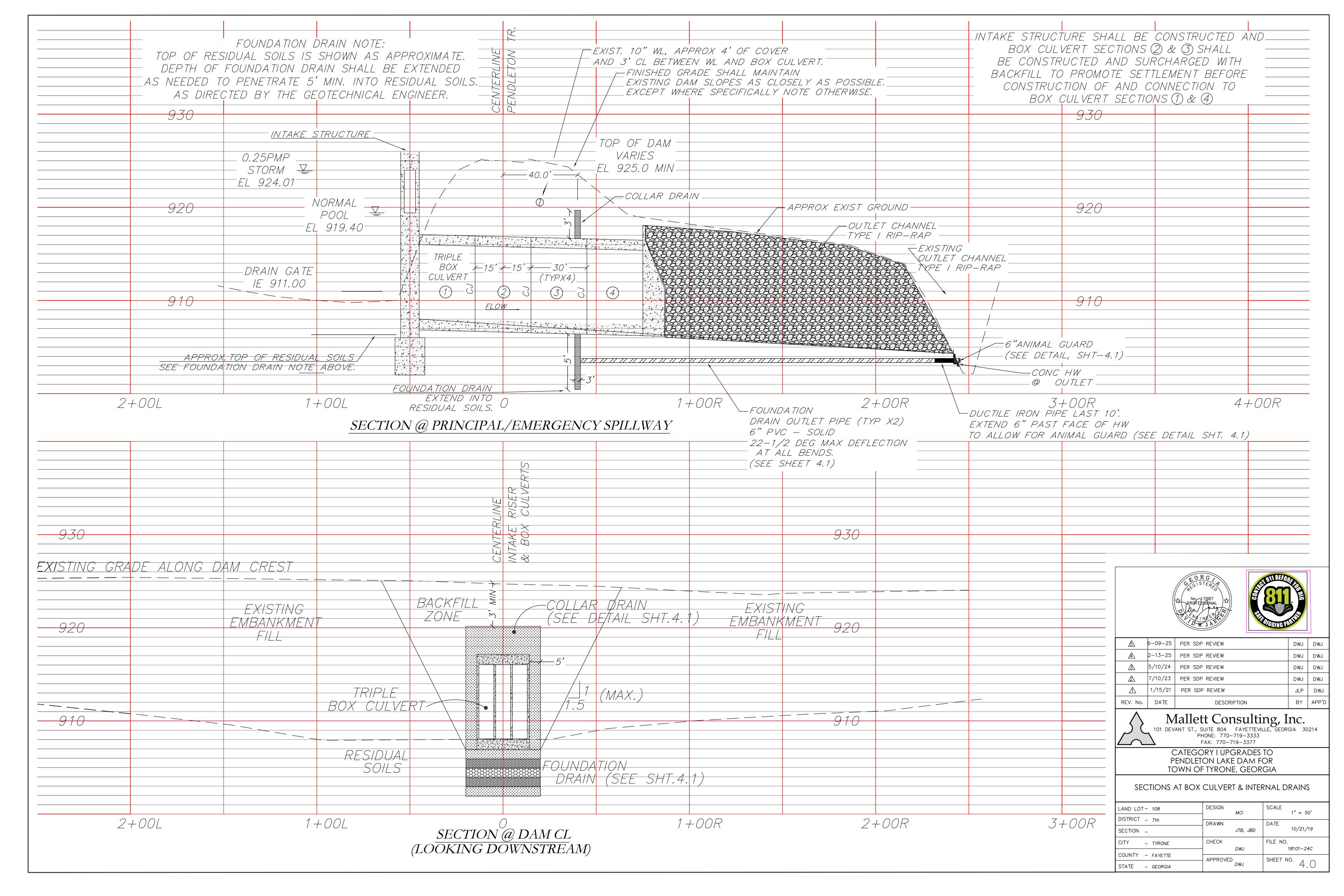
CATEGORY I LAKE PEND
for TOWN OF TY

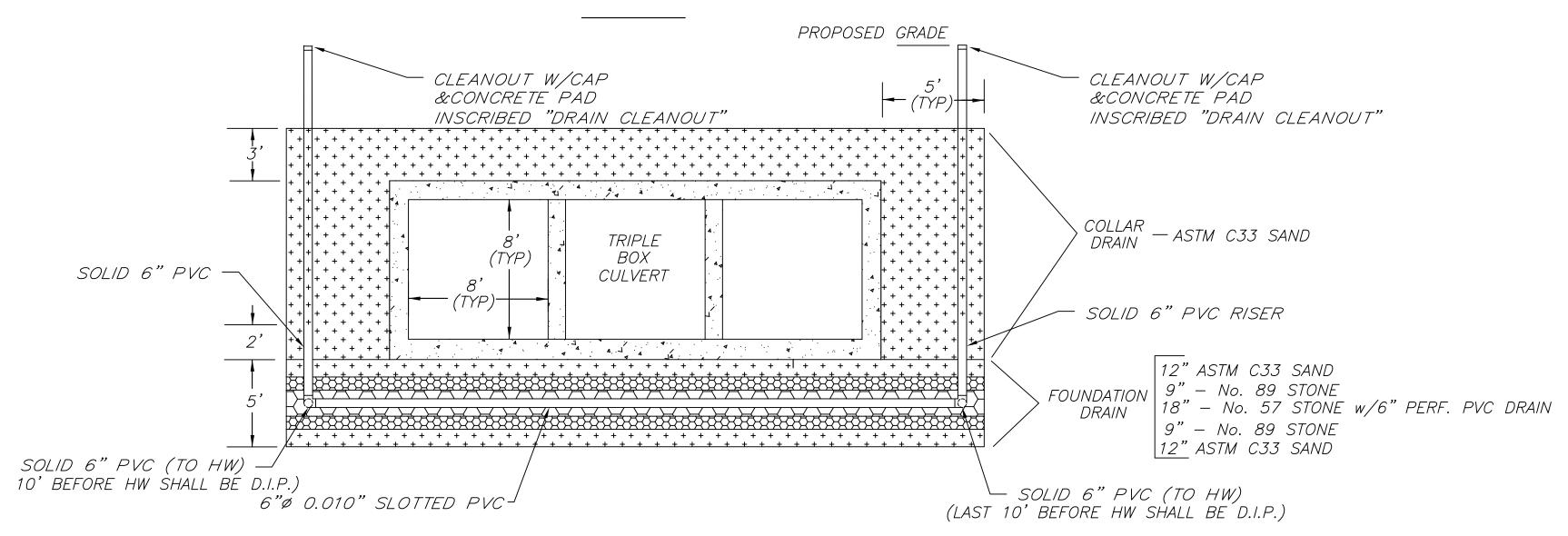
allett Consulting, Inc.
VANT ST., SUITE 804 FAYETTEVILLE, GEORGIA 30214
PHONE: 770-719-3333



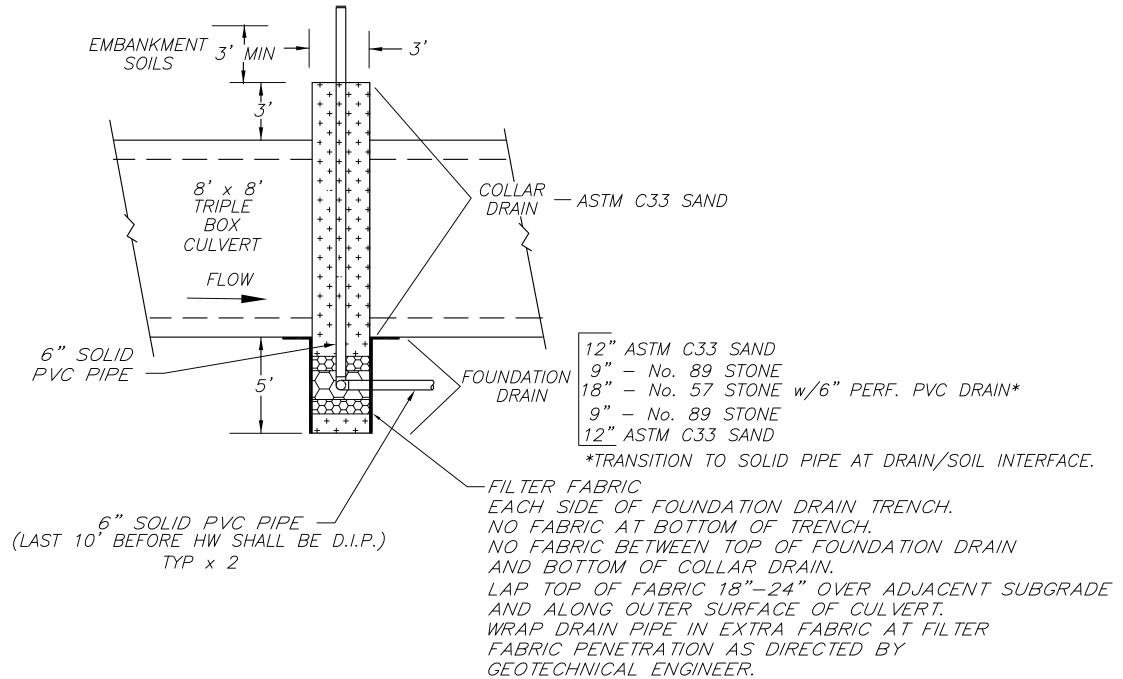




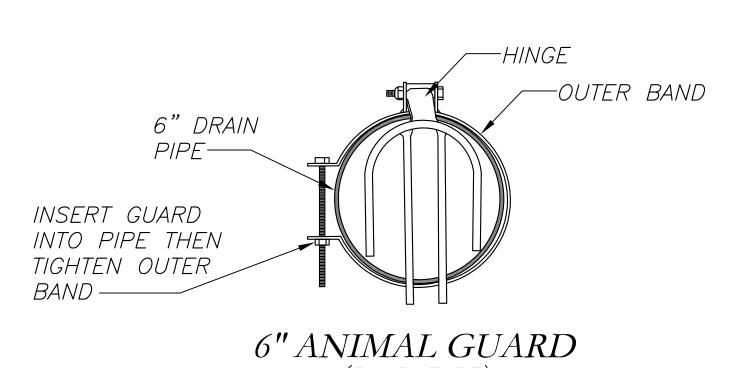




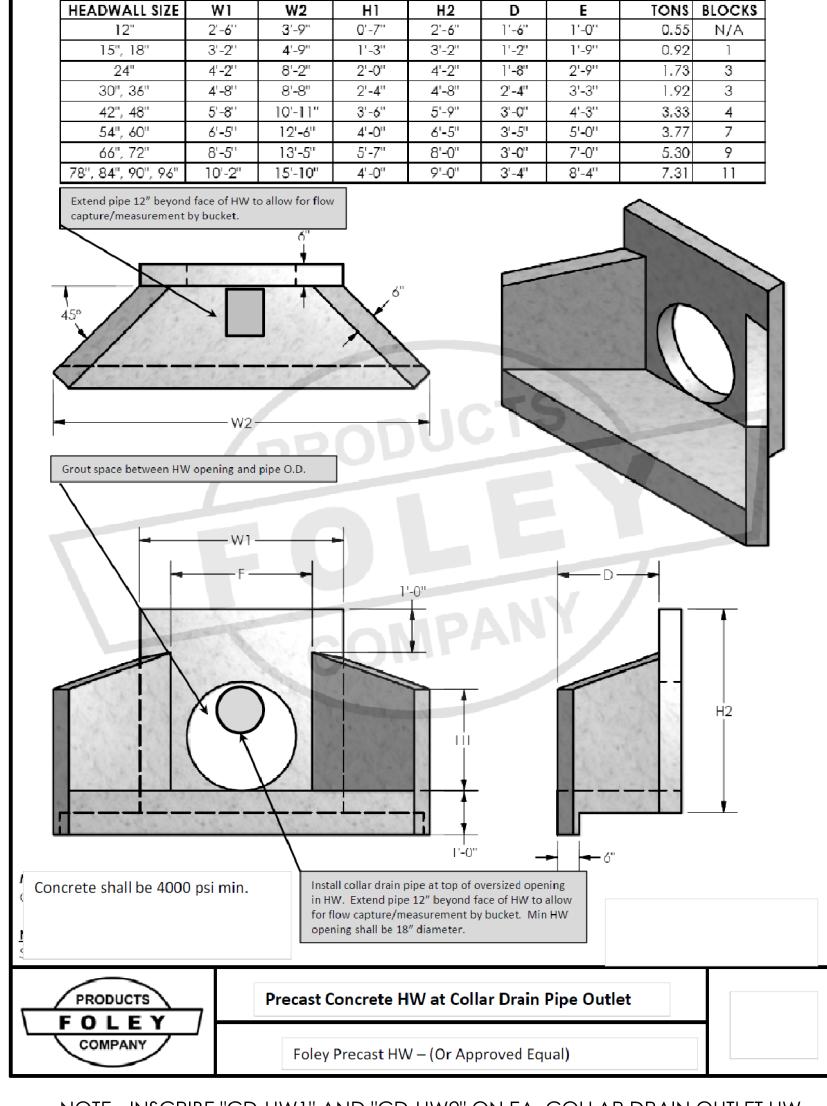
TRANSVERSE SECTION @ FOUNDATION/COLLAR DRAIN



LONGITUDINAL SECTION @ FOUNDATION/COLLAR DRAIN



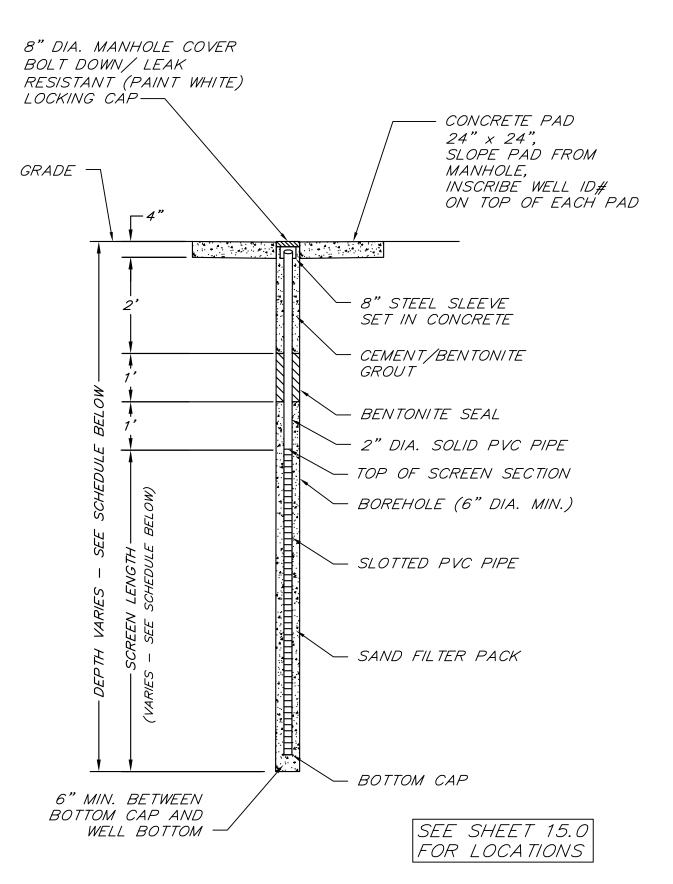
(BAND TYPE) AgriDrain MODEL #AGB06 OR APPROVED EQUAL



NOTE - INSCRIBE "CD-HW1" AND "CD-HW2" ON EA. COLLAR DRAIN OUTLET HW. SEE SHEET 3.0 FOR LOCATION OF COLLAR DRAIN HEADWALLS.







DETAIL - PIEZOMETER

	Piezometer Installation Schedule Lake Pendleton Dam For Town of Tyrone, Georgia			
Piezometer ID#	ITEM DESCRIPTION	TOTAL DEPTH (FT)	APPROX TOP ELEV.	APPROX BOTTOM ELEV.
P-A1	UPSTREAM CREST	30	925	895
P-A2	DOWNSTREAM CREST	30	925	895
P-A3	DOWNSTREAM TOE	25	921	896
P-A4	DOWNSTREAM TERRACE BEYOND TOE	15	918	903
P-B1	UPSTREAM CREST	30	925	895
P-B2	DOWNSTREAM CREST	30	925	895
P-B3	DOWNSTREAM TOE	25	922	897
P-B4	DOWNSTREAM TERRACE BEYOND TOE	15	919	904

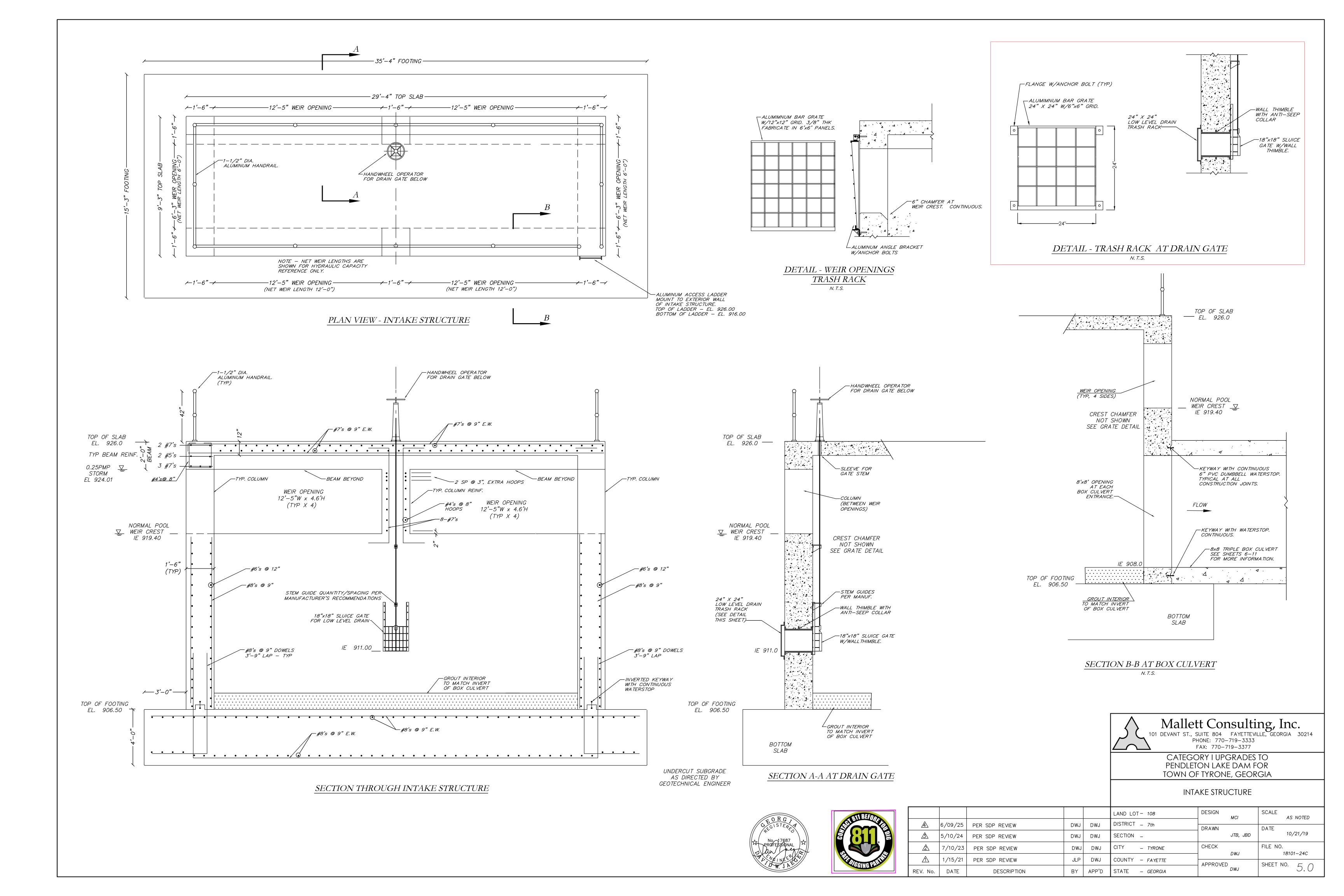
Note: Contractor shall field verify location and final elevations of each piezometer prior to beginning installation. Final locations and elevations shall be confirmed by Geotechnical Engineer.

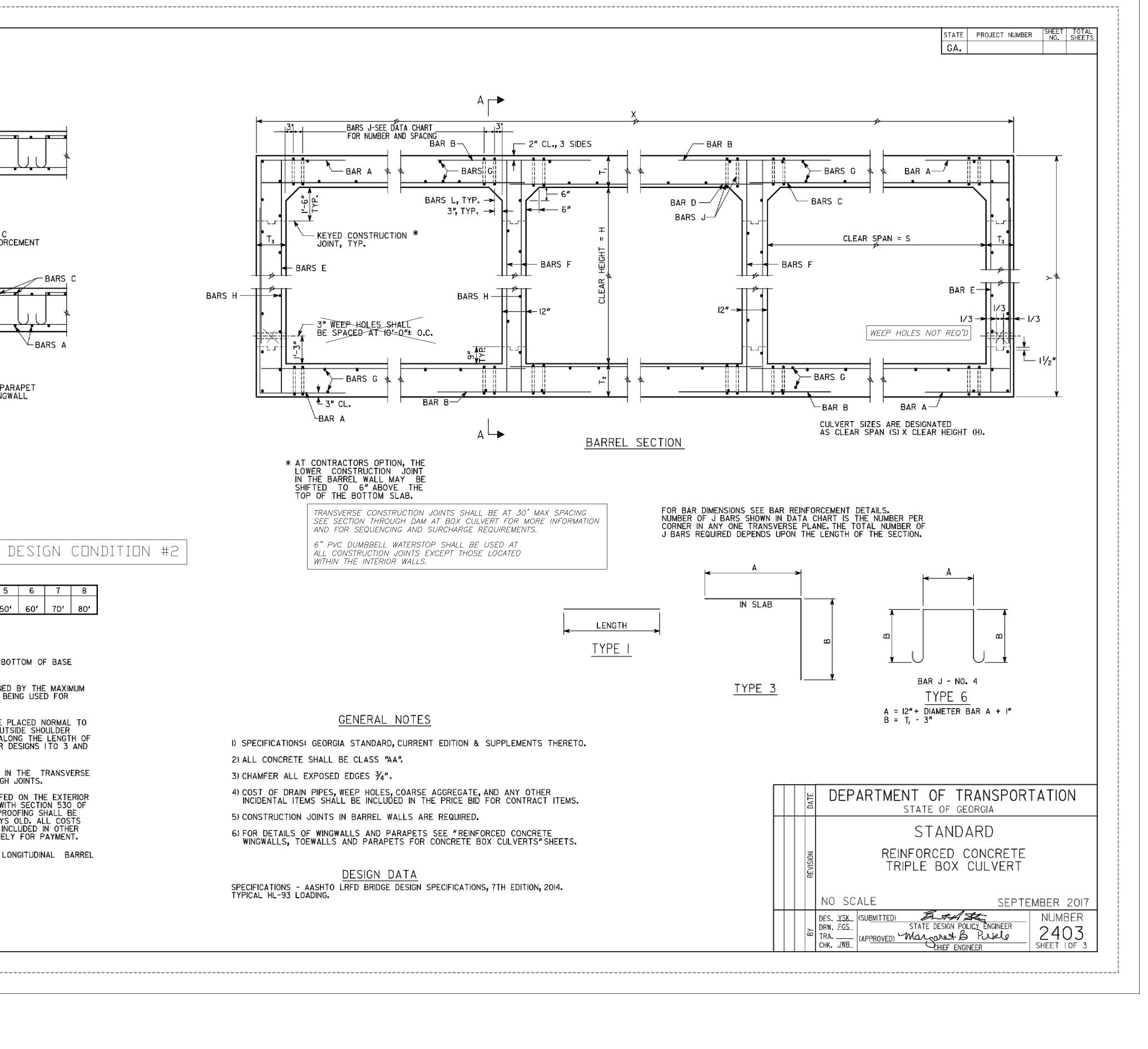


CATEGORY I UPGRADES TO PENDLETON LAKE DAM FOR TOWN OF TYRONE, GEORGIA

DETAILS

					LAND LOT- 108	DESIGN MCI	SCALE AS NOTED
<u> </u>	2-13-25	PER SDP REVIEW	DWJ	DWJ	DISTRICT _ 7th	DRAWN	DATE
<u>\$</u>	5-10-24	PER SDP REVIEW	DWJ	DWJ	SECTION _	JTB, JBD, JLP	10/21/19
◬	7-10-23	PER SDP REVIEW	DWJ	DWJ	CITY – TYRONE	CHECK	FILE NO.
\triangle	1/15/21	PER SDP REVIEW	JLP	DWJ	COUNTY - FAYETTE	<i>DWJ</i> APPROVED	18101-24C SHEET NO. 4 4
EV. No.	DATE	DESCRIPTION	BY	APP'D	STATE – GEORGIA	DWJ	4.1





-BARS A /- BARS J

NOTE: SPACING OF BARS A AND C IS 6" OR 12". SEE BARREL REINFORCEMENT

BOTTOM SLAB

NOTE: LONGITUDINAL WINGWALL AND PARAPET BARS EXTEND INTO BARREL. SEE WINGWALL

SECTION A-A

I) MINIMUM HEIGHT FROM TOP OF CULVERT TO BOTTOM OF BASE WITHIN TRAVELWAY SHALL BE I'-O".

2) DESIGN OF THE CULVERT SHALL BE DETERMINED BY THE MAXIMUM HEIGHT OF FILL WITH ONLY A SINGLE DESIGN BEING USED FOR

3) TRANSVERSE CONSTRUCTION JOINTS SHALL BE PLACED NORMAL TO THE CENTERLINE OF THE CULVERT AT THE OUTSIDE SHOULDER BREAK POINTS. THE MAXIMUM POUR LENGTH ALONG THE LENGTH OF THE CULVERT SHALL NOT EXCEED 40'-0" FOR DESIGNS ITO 3 AND 30'-0" FOR DESIGNS A AND ABOVE

4) LONGITUDINAL BARREL REINFORCEMENT STEEL IN THE TRANSVERSE CONSTRUCTION JOINTS SHALL EXTEND THROUGH JOINTS.

5) CONSTRUCTION JOINTS SHALL BE WATERPROOFED ON THE EXTERIOR TOP AND SIDES OF BARREL IN ACCORDANCE WITH SECTION 530 OF

GEORGIA STANDARD SPECIFICATIONS. WATERFPROOFING SHALL BE APPLIED WHEN CONCRETE IS AT LEAST 7 DAYS OLD. ALL COSTS ASSOCIATED WITH WATERPROOFING SHALL BE INCLUDED IN OTHER ITEMS AND WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

6) MINIMUM LENGTH OF LAP SPLICE FOR LONGITUDINAL BARREL REINFORCING STEEL SHALL BE 2'-0".

2 | 3 | 4 | 5 | 6 |

V_BARS A

✓BARS C∠BARS G

QUANTITIES AND DIMENSIONS.

BARS J7

AND PARAPET STANDARDS.

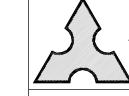
└ BARS G

DESIGN

THE ENTIRE INSTALLATION.

30'-0" FOR DESIGNS 4 AND ABOVE.

FILL HEIGHT | 10' | 20' |



Mallett Consulting, Inc. 101 DEVANT ST., SUITE 804 FAYETTEVILLE, GEORGIA 30214

PHONE: 770-719-3333 FAX: 770-719-3377

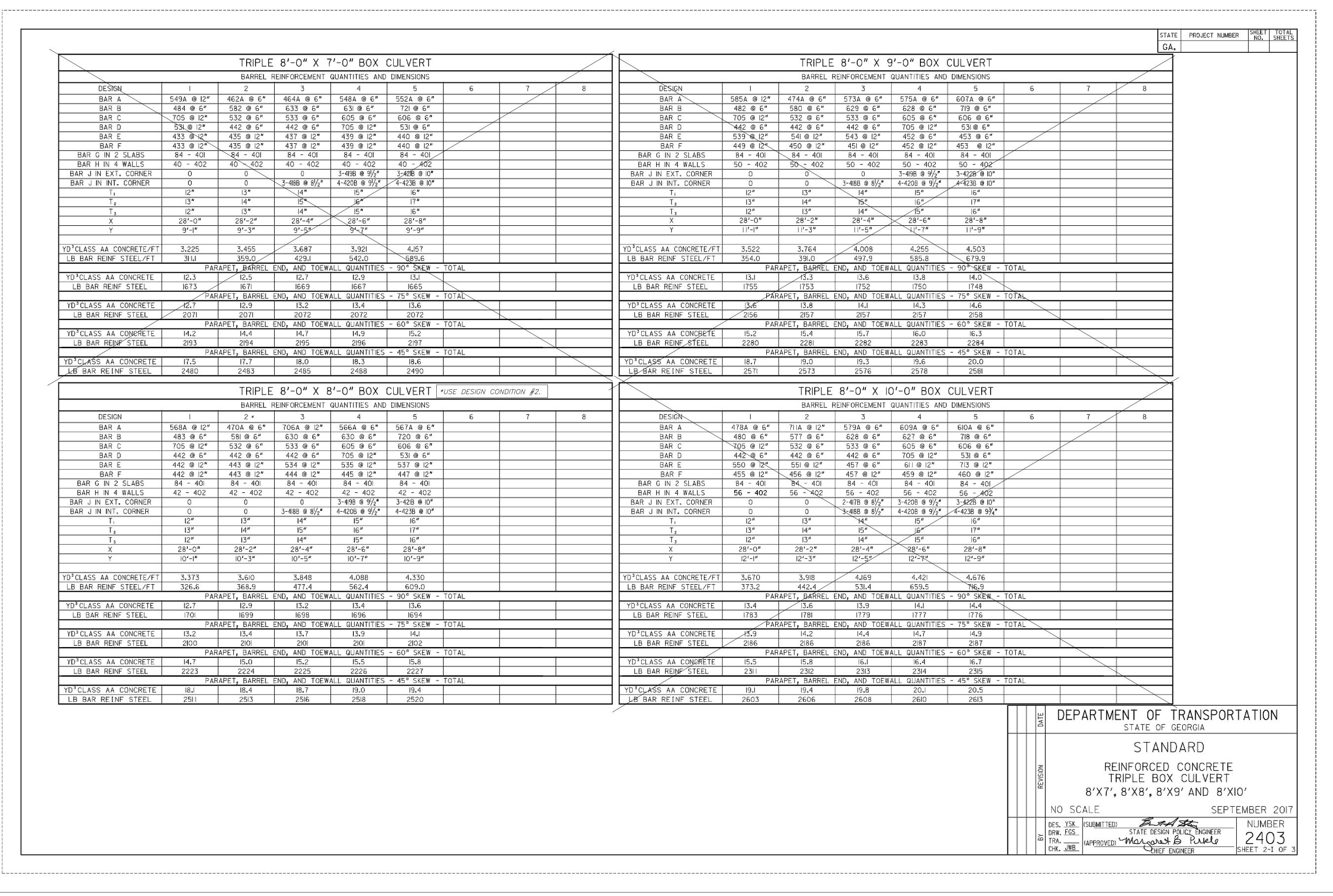
CATEGORY I UPGRADES TO PENDLETON LAKE DAM FOR TOWN OF TYRONE, GEORGIA







				LAND LOT - 108	DESIGN	SCALE AS NOTED
				DISTRICT - 7th		DATE
				SECTION _	JTB, DWJ	10/21/19
				CITY – TYRONE	CHECK	FILE NO.
1/15/21	PER SDP REVIEW	JLP	DWJ	COUNTY - FAYETTE		18101-24C
DATE	DESCRIPTION	ВҮ	APP'D	STATE – GEORGIA	DWJ	SHEET NO. 6.0
					DISTRICT - 7th SECTION - CITY - TYRONE 1/15/21 PER SDP REVIEW JLP DWJ COUNTY - FAYETTE	DISTRICT - 7th DRAWN SECTION - CITY - TYRONE 1/15/21 PER SDP REVIEW DRAWN COUNTY - FAYETTE APPROVED APPROVED





Mallett Consulting, Inc.

101 DEVANT ST., SUITE 804 FAYETTEVILLE, GEORGIA 30214 PHONE: 770-719-3333 FAX: 770-719-3377

CATEGORY I UPGRADES TO PENDLETON LAKE DAM FOR TOWN OF TYRONE, GEORGIA

DETAILS - TRIPLE 8X8 CONCRETE BOX CULVERT





		_			LAND LOT - 108	DESIGN MCI	SCALE AS NOTED
					DISTRICT _ 7th	DRAWN	DATE
					SECTION _	JTB, DWJ	10/21/19
					CITY – TYRONE	CHECK	FILE NO.
	1/15/21	PER SDP REVIEW	JLP	DWJ	COUNTY – FAYETTE	DWJ	18101-24C
١٥.	DATE	DESCRIPTION	ВҮ	APP'D	STATE – GEORGIA	APPROVED DWJ	SHEET NO. 7.0
			'				

STATE PROJECT NUMBER

			1 —		ī	, —	<u> </u>		. —		
MARK	LENGTH	TYPE	MARK	LENGTH	TYPE	<u> </u>	LENGTH	TYPE	MARK	LENGTH	TYPE
401	L* - 4"	l	477	15'-5"		556	12'-4"		634	19'-4"	<u> </u>
402	L* + 20*	ı	478	16'-2"		557	12'-6"		635	19'-6"	<u> </u>
403	4'-0"	l	479	16'-8"		558	12'-8"		636	19'-8"	-
404	4'-2" 4'-4"	1	480	17'-2"	-	559	13'-0"		637	19'-10"	
405	4'-6"	l	481	17'-8" 17'-10"		560 561	13'-2" 13'-4"		638 639	20'-1"	<u> </u>
406 407	4'-8"	1	482 483	18'-6"		562	13'-5"		640	20'-7"	
408	5'-0"	1	484	19'-2"	+	563	13'-6"	 	641	20'-8"	
409	5'-2"	ı	485	19'-6"	 	564	13'-11"	 	642	20'-10"	H
410	5'-4"	i	486	19'-10"	l i	565	14'-0"	l i	643	21'-0"	ΗĖ
411	5'-6"	i	487	20'-0"	i	566	4'- "	i	644	21'-4"	i
412	5′-8″	I	488	20'-2"	1	567	14'-2"	1	645	21'-6"	
413	5'-10"	I	489	201-1011		568	147-48		646	21'-11"	Т
414	6'-0"	I	490	21'-4"	ı	569	14'-5"	1	647	22'-0"	Ι
415	6'-2 "	I	491	21'-11"	I	570	14'-7"	- 1	648	22'-2"	
416	6'-4 "	I	492	22 '- 2"	I	571	147-85	I	649	22'-10"	- 1
417	6'-5"	I	493	22'-4"	I	572	14'-9"	I	650	23'-0"	1
418	6'-6"	ı	494	22'-6"	ı	573	14'-10"	1	651	23'-4"	I
419	6'-8"	I	495	25'-0"	I	574	15'-10"	1	652	23'-6"	
420	6'-10"	I	496	25'-2"	I	575	16'-6"	1	653	23'-8"	
421	7'-0"	<u> </u>		41.09	<u>.</u>	<u>576</u>	17'-0"	 	654	23'-10"	<u> </u>
422	7'-2"	<u> </u>	501	4'-0"		577	17'-2"		655	24'-6"	+-
423	7'-4"	1	502	5'-0"		578	17'-4"		656	24'-8"	1
424 425	7'-5" 7'-6"	I	503 504	5'-2" 5'-4"		579	17'-6"		657	24'-10"	
425	7'-8"	1	505	5'-5"	 	580 581	18'-11"		701	7'-4"	
427	7'-10"	1	506	5'-8"	<u>'</u>	582	19'-5"	<u> </u>	702	7'-8"	<u> </u>
428	8'-0"	i	507	6'-0"	 	583	19'-6"	H	703	8'-5"	i
429	8'-2"	i	508	6'-2"	i	584	19'-10"	i	704	9'-2"	i i
430	8'-4"	i	509	6'-5"	i	585	20'-8"	l i	705	9'-8"	i i
431	8'-6"	I	510	6'-6"	-	586	21'-0"	1	706	9'-9"	
432	8'-7"	ı	511	6'-8"	ı	587	21'-2"	1	707	10'-8"	Ι
433	8'-8"	I	512	7'-0"	ı	588	21'-6"		708	10,-10,	Ι
434	8'-9"	I	513	7'-2"	I	589	22'-0"	I	709	10'-11"	I
435	8'-10"	I	514	71-4"	ı	590	22'-2"	ı	710	11'-2"	I
436	8'-11"	l	515	7'-6"	ı	591	22'-4"	I	711	11'-8"	
437	9'-0"	ı	516	7'-7"	ı	592	23'-6"		712	11'-10"	
438	9'- "	1	517	7'-8"		593	24'-0"		713	124-44	
439	9'-2"	<u> </u>	518	8,-0,		594	24'-4"		714	12'-6"	<u> </u>
440	9'-4"	l	519	8'-2"		595	24'-8"	 	715	4'-4"	-
441	9'-6" 9'-8"	1	520	8'-4" 8'-5"		596	24'-10"	 	716 717	15'-0"	+
442	9'-10"	l	52l 522	8'-6"		597	25'-0"		!	17'-2"	<u> </u>
444	10'-0"	1	523	8'-7"	<u>'</u>	601	7'-8"	<u> </u>	718 719	18'-0"	+ +
445	10'-2"	1	524	8'-8"	<u>'</u>	602	8'-4"	'	720	18'-5"	H
446	10'-3"	i	525	8'-10"	i	603	8'-8"	H	721	18'-11"	L i
447	10'-4"	i	526	8'-11"	i	604	8'-9"	H	722	19'-1"	Ħ
448	10'-6"	I	527	9,-0,n		605	9'- "	i	723	19'-2"	
449	10'-8"	ı	528	9'-2"	ı	606	10'-0"	Т	724	20'-4"	
450	10'-10"	I	529	9'-4"	I	607	10'-7"	I	725	21'-0"	ı
451]'-0"	I	530	9'-6"		608	11'-0"		726	21'-2"	
452	11'-2"	I	531	9'-8"	I	609	'- #		727	21'-6"	
453	1-4**	I	532	9'-9"	ı	610	11,-2"		728	21'-8"	
454	11'-6"	l	533	9'-10"		611	12'-2"		729	21'-10"	
455	11'-8"	<u> </u>	534	10'-0"	<u> </u>	612	12'-4"		730	22'-0"	
456	11'-10"		535	10'-2"	 	613	12'-6"		731	22'-2"	
457	12'-0"	<u> </u>	536	10'-3"		614	12'-7"		732	22'-6"	
458	2'- " 2'-2"	l	537 538	10'-4"		615	13'-3"		733 734	23'-0"	++
459 460	12'-2"	l I	538	10'-8"		616 617	3'- "		735	23'-4"	
461	12'-6"		540	10-0		618	14'-3"		736	23-10"	++
462	12'-7"	ı	541	10'-10"	<u>'</u>	619	15'-6"	 	737	24'-0"	H
463	12'-8"	1	542	10'-11"	H	620	15'-10"		738	24'-2"	i
464	13'-0"	i	543	11'-0"	i	621	16'-0"	H	739	24'-4"	Ħ
465	13'-3"	I	544	1- "	i	622	16'-4"	i i	740	24'-6"	
466	13'-4"	I	545	11'-2"	Ī	623	16'-6"		741	24'-10"	
467	13'-8"	I	546	11'-3"	ı	624	16'-10"	ı			-
468	13,-10,	I	547	'-4"	I	625	6'- "	Ι	1		
469	3'- "	I	548	11'-6"	ı	626	17'-2"				
470	14*-0**	I	549	'-7"	ı	627	17'-5"	I			
471	4'-4"		550	11'-8"		628	17'-8"		<u> </u>		
472	14'-5"	<u>l</u>	551	11'-10"		629	18'-5"				
473	14'-8"	<u> </u>	552		 	630	18'-6"		ļ		
474	15'-0"	<u> </u>	553	12'-0"		631	19'-0"		<u> </u>		
475	5'- #	1	554	121-14		632	9'- "				
476	15'-4"	I	555	2'-2"		633	19'-2"		l		

λRK	LENGTH	TYPE		MARK	LENGTH	TYPE	А	В
34	19'-4"	-		40IA	4'-2"	3	'-7"	2'-7"
35	19'-6"	I		402A	4'-3"	3	'-8"	2'-7"
36	19'-8"	- 1		403A	4'-4"	3	l'-8	2'-8"
37	19'-10"			404A	4'-4"	3	l'-9"	2'-7"
38 39	20'-l" 20'-4"			405A	4'-5"	3	'-9"	2′-8″
39 40	20'-7"			406A 407A	4'-6"	3 3	'- 0"	2'-8" 2'-9"
41	20'-8"	<u>'</u>		401A	4'-9"	3	2'-0"	2'-9"
42	20'-10"	i		409A	4'-9"	3	2'-2"	2'-7"
43	21'-0"	I		4IOA	5'-0"	3	2'-2"	2'-10"
44	21'-4"	I		41 IA	5'-4"	3	' -9 "	3'-7"
45	21'-6"	I		4l2A	5'-5"	3	'-9"	3'-8 "
46	21'-11"	1		413A	5'-6"	3	l'-l0"	3'-8"
47	22'-0"			4 4A	5'-7"	3		3'-8"
48 49	22'-2" 22'-10"			4I5A 4I6A	5'-8" 5'-8"	<u>3</u> 3	2'- "	3'-9" 3'-7"
50	23'-0"	'		417A	5'-9"	3	2'-0"	3'-9"
5U 5I	23'-4"	<u>'</u>		418A	6'-0"	3	2'-2"	3'-10"
52	23'-6"	1		419A	6'-0"	3	2'-4"	3'-8"
53	23'-8"	I		420A	6'-l"	3	2'-3"	3'-10"
54	23'-10"	I		42IA	6'-6"	3	- **	4'-7"
55	24'-6"	ı		422A	6'-7"	3	2'-0"	4'-7"
56	24'-8"	I		423A	6'-7"	3	2'-7"	4'-0"
57	24'-10"			424A	6'-8"	3	2'-0"	4'-8"
ΩI	7'-4"			425A	6'-9" 6'-9"	3	2'-0" 2'-1"	4'-9" 4'-8"
01 02	7'-8"			426A 427A	6'-9"	3 3	2'-8"	4'-8"
03	8'-5"	Ė		428A	6'-10"	3	2'-1"	4'-9"
)4	9'-2"	i		429A	6'-10"	3	2'-3"	4'-7"
)5	9'-8"	I		430A	6'- "	3	2'-2"	4'-9"
)6	9'-9"	I		43IA	7'-0"	3	2'-4"	4'-8"
7	10'-8"	Ι	ľ	432A	7'-0"	3	2'-5"	4'-7"
80	10'-10"	I		433A	7'-1"	3	2'-3"	4'-10"
09	10'-11"	<u> </u>		434A	7'-2"	3	3'-0 "	4'-2"
10 11	11'-2"			435A	7′-6″	3	3'-3"	4'-3"
12	11'-10"	<u> </u>		436A 437A	7'-7"	3 3	2'-7" 3'-6"	5'-0" 4'-1"
13	12'-4"	i		437A 438A	7'-9"	3	2'-2"	5'-7"
4	12'-6"	Ī		439A	7'-10"	3	2'-2"	5'-8"
15	4'-4"			440A	7'-10"	3	2'-3"	5'-7"
16	15'-0"	ı		44IA	7'-10"	3	2'-9"	5'-l"
17	15'-4"	I		442A	8'-0"	3	2'-3"	5'-9 "
18	17*-2*	1		443A	8'-1"	3	2'-4"	5'-9 "
19	18'-0"	-		4444	8'- "	3	2'-6"	5'-7"
20 21				445A	8'-2" 8'-3"	3	3'-0" 2'-5"	5'-2"
22	19'-1"	<u> </u>		446A 447A	8'-3"	3 3	2'-8"	5'-10" 5'-7"
23	19'-2"	i		448A	8'-4"	3	2'-8"	5'-8"
24	20'-4"	I		449A	8'-6"	3	3'-3"	5'-3"
25	21'-0"	1		450A	8'-6"	3	3'-5"	5'-I"
26	21'-2"	I		45IA	8'-9"	3	2'-9"	6,-0"
27	21'-6"	1		452A	8'-11"	3	2'-10"	6'-I"
28	21'-8"			453A	9'- "	3	2'-5"	6'-8"
29 30	21'-10" 22'-0"			454A 455A	9'-I" 9'-3"	3 3	2'-6"	6'-7"
3I	22'-2"	<u> </u>		456A	9'-3"	3	2'-6" 3'-1"	6'-9" 6'-2"
32	22'-6"	i		457A	9'-4"	3	2'-8"	6'-8"
33	23'-0"	I		458A	9'-5"	3	3'-2"	6'-3"
34	23'-4"	I		459A	9'-5"	3	3'-4"	6'-I"
35	23'-8"	I		460A	9'-7"	3	3'-4"	6'-3"
36	23-10"	I		46IA	9'-9"	3	3'-1"	6'-8"
37	24'-0"	- 1		462A	9'-10"	3	2'-10"	7'-0"
38	24'-2"			463A	9'-10"	3	3'-3"	6'-7"
39 40	24'-4"			464A	101-111	3	3'-0"	7'- "
41	24'-10"			465A 466A	10'-4"	3	3'-2" 2'-II"	7'-2"
-1	<u> ⊆ 1 1₩</u>		ı	466A 467A	10'-6"	3	2'-I0"	7'-1"
				468A	10'-7"	3	2'-11"	7'-8"
				469A	10'-8"	3	3'-5"	7'-3"
				470A	'- '8	3	3'- "	8'-0"
				47IA	11'-5"	3	3'-9"	7'-8"
				472A	111-711	3	3'-5"	8'-2"
				473A	101.48	3	3'-7"	8'-3"
				474A 475A	12'-4" 12'-9"	3	3'-4" 3'-7"	9'-0"
				475A 476A	13'-9"	3 3	3'-9"	9'-3"
			l	I I WA		J	. च च	J

MARK	LENGTH	TYPE	А	В	MARK	LENGTH	TYPE	А	В
7 A	13'-5"	3	4'-4"	9'-1"	570A	12'-0"	3	3'-11"	8'-1"
A	13'-9"	3	3'-10"	9'- "	571 A	12'-0"	3	4'-3"	7'-9"
) A	14'-0"	3	3'-10"	10'-2"	572A	12'-3"	3	3'-10"	8'-5"
1	14'-3"	3	4'-0"	10'-3"	573A	12'-6"	3	3'-5"	9'- "
	16'-10"	3	4'-9"	12'-1"	574A	12'-8"	3	4'-1"	8'-7"
Д	8'- "	3	7'-0"	'- "	575A	13'-0"	3	3'-10"	9'-2"
					576A	I3'-2"	3	4'-5"	8'-9"
Д	4'-4"	3	l'-9"	2'-7"	577A	13'-3"	3	3'-11"	9'-4"
	4'-8"	3	2'-1"	2'-7"	578A	13'-7"	3	4'-6"	9'-1"
3A	5'-3"	3	2'-4"	2'- "	579A	13'-10"	3	3'-9"	10,-1,
1A	5'-6"	3	'- #	3'-7"	580A	13'-10"	3	4'-3"	9'-7"
ōΑ	5'-8"	3	2′-l"	3'-7"	58IA	14'-2"	3	3'-11"	10'-3"
ŝΑ	6'-3"	3	2'-4"	3'-11"	582A	4'-4 "	3	4'-3"	10'-1"
7A	6'-7"	3	2'-7"	4'-0"	583A	14'-6"	3	4'-2"	10'-4"
ЗА	6'-9"	3	2'-2"	4'-7"	584A	14'-7 "	3	4'-2"	10'-5"
3A	6'-10"	3	2'- "	3'-11"	585A	14'-8"	3	5'-9"	8'-11"
AC	7'- "	3	2'-6"	4'-7"	586A	15'-0 "	3	4'-5"	10'-7"
A	7'-1"	3	2'-11"	4'-2"	587A	15'-10"	3	4'-5"	11'-5"
4	7'-3"	3	2'-4"	4'- "	588A	16'-7"	3	6'-6"	10'-1"
δA	7'-4"	3	3'-3"	4'- "	589A	17'-3"	3	4'-10"	12'-5"
14A	7'-6"	3	3'-3"	4'-3"		36. B	_	A	9 4
5A	7'-7"	3	2'-7"	5'-0"	60I A	8'-0"	3	3'-7"	4'-5"
16A	7'-7"	3	3'-3"	4'-4"	602A	8'-10"	3	4'- "	4'-9"
7A	7'-9"	3	2'-10"	4'- "	603A	9'-10"	3	4'- "	5'-9"
I8A	7'- "	3	3'-6"	4'-5"	604A	10'-10"	3	3'-2"	7'-8"
19A	8'-0"	3	2'-4"	5'-8"	605A	10'-11"	3	3'-2"	7'-9"
20A	8'-0"	3	2'-5"	5'-7"	606A	11'-3"	3	3'-3"	8'-0"
21A	8'- "	3	2'-5" 2'-11"	5'-8" 5'-2"	607A	13'-0" 13'-4"	3	3'-9" 3'-II"	9'-3"
22A 23A	8'-3"	3	2'-6"	5'-2"	608A 609A	14'-2"	3	4'-0"	10'-2"
23A 24A	8'-4"	3	3'-3"	5'-l"	610A	14'-5"	3	4-2"	10'-2"
25A	8'-4"	3	3'-9"	4'-7"	6HA	14'-8"	3	4'-3"	10'-5"
5A 6A	8'-5"	3	2'-6"	5'- "	612A	15'-6"	3	4'-9"	10'-9"
27A	8'-5"	3	3'-2"	5'-3"	613A	16'-9"	3	5'-0"	11'-9"
28A	8'-7"	3	3'-0"	5'-7"	6I4A	17'-7"	3	5'-0"	12'-7"
9A	8'-7"	3	3'-3"	5'-4"	615A	18'-0"	3	5'-3"	12'-9"
A	8'-] "	3	3'-0"	5'- "		~			*
A	8'-11"	3	3'-6"	5'-5"	70I A	7'-10"	3	3'-7"	4'-3"
32A	9'-0"	3	3'-7"	5'-5"	702A	8'-7"	3	2'-9"	5'-10"
ЗА	9'-2"	3	3'-0"	6'-2"	703A	8'-9"	3	3'-6"	5'-3"
34A	9'-3"	3	3'-2"	6'-l"	704A	10'-5"	3	4'-0"	6'-5"
35A	9'-3"	3	3'-3"	6'-0"	705A	11'-0"	3	3'-9"	7'-3"
6A	9'-4"	3	2'-7"	6'-9"	706A	11'-5"	3	3'-4"	8'-1"
37A	9'-5"	3	2'-9"	6'-8"	707A	11'-6"	3	4'- "	7'-5"
38A	9'-5"	3	3'-10"	5'-7"	708A	12'-3 "	3	4'-0"	8'-3"
39A	9'-6"	3	2'-8"	6'-10"	709A	12'-8"	3	4'-3"	8'-5"
40A	9'-6"	3	2'-9"	6'-9"	710A	I3'-6 "	3	4'-3"	9'-3"
41 A	9'-6"	3	3'-3"	6'-3"	71 IA	3'- "	3	3'-11"	10,-0,
42A	9'-7"	3	2'-8"	6'-11"	7l2A	3'- "	3	4'-6"	9'-5"
43A	9'-8"	3	3'-4"	6'-4"	713A	16'-0"	3	4'-9"	11'-3"
44A	9'-9"	3	2'-10"	6'- "	714A	17'-6"	3	5'-3"	12'-3"
45A	10'-0"	3	3'-7"	6'-5"	001:	13= 0	-	j= j an	A 2 - 2-
16A	10'-3"	3	3'-2"	7'- "	80I A	15'-1"	3	5'-4"	9'-9"
47A	10'-3"	3	3'-3"	7'-0"	802A	17'-2"	3	5'-7"	'-7"
48A	10'-4"	3	3'-2"	7'-2"					
549A	10'-4"	3	3'-5"	6- "					
550A	10'-5"	3	3'-10"	6'-7" 7'-7"					
55IA 552A	10'-7"	3	3'-0" 3'-4"	7'-7"					
53A	10'-7"	3	3'-6"	7'-1"					
54A	10'-8"	3	2'-10"	7'-10"					
55A	10'-8"	3	2'-11"	7'-9"					
56A	10'-8"	3	3'-0"	7'-8"					
57A	10'-9"	3	3'-5"	7'-4"					
58A	10'-10"	3	3'-0"	7'-10"					
59A	10'-11"	3	3'-0"	7'- "					
560A	10'-11"	3	4'-2"	6'-9"					
56IA		3	3'-2"	7'- "					
62A		3	3'-8"	7'-5"					
33A	11'-3"	3	3'-8"	7'-7"					
4A	11'-6"	3	3'-5"	8'-1"					
5A	11,-9,	3	3'- "	7'-7"					
6A	'-7"	3	3'-5"	8'-2"					
7A	11'-10"	3	3'-7"	8'-3"					
RΛ	11'-10"	3	31_118	71-114					

 568A
 11'-10"
 3
 3'-11"
 7'-11"

 569A
 11'-11"
 3
 3'-7"
 8'-4"

MARK	LENGTH	TYPE	А	В		MARK	LENGTH	TYPE	Α	В
570A	12'-0 "	3	3'- "	8'-1"		40IB	3'-1/2"	6	l'-l ^l /2"	0'-6"
57I A	12'-0"	3	4'-3"	7'-9"		402B	3'-15/8"	6	1'-15/8"	0'-6"
572A	12'-3"	3	3'-10"	8'-5"		403B	3'-31/2"	6	1'-11/2"	0'-7"
573A	12'-6"	3	3'-5"	9'- "		404B	3'-35/8"	6	1'-15/8"	0'-7"
574A	12'-8"	3	4'- "	8'-7"		405B	3'-3¾"	6	1'-1 3/4"	0'-7"
575A	13'-0"	3	3'-10"	9'-2"		406B	3'-51/2"	6	'- /2"	0'-8"
576A	13'-2"	3	4'-5"	8'-9"		407B	3'-55/8"	6	1'-15/8"	0'-8"
577A	13'-3"	3	3'-11"	9'-4"		408B	3'-5¾"	6	1'-13/4"	0'-8"
578A	13'-7"	3	4'-6"	9'- "		409B	3'-71/2"	6	'- /2"	0'-9"
579A	13'-10"	3	3'-9"	10,-1 _u		410B	3'-75/8"	6	1'-15/8"	0'-9"
580A	13'-10"	3	4'-3"	9'-7"		4I IB	3'-7¾"	6	'- ³ / ₄ "	0'-9"
58IA	14'-2"	3	3'-11"	10'-3"		4l2B	3'-7%"	6	'- ⁷ /8"	0'-9"
582A	4'-4"	3	4'-3"	10'-l"		413B	3'-95/8"	6	l'-l ⁵ /8"	0,-10,
583A	14'-6"	3	4'-2"	10'-4"		414B	3′-9¾ ″	6	'- ³ / ₄ "	0,-10,
584A	14'-7"	3	4'-2"	10'-5"		415B	3'-11 ⁵ / _{8"}	6	'- ⁵ / ₈ "	0'-11'
585A	14'-8"	3	5'-9"	8'- "		4I6B	3'-11¾"	6	'- ³ / ₄ "	0,-11,
586A	I5'-0 "	3	4'-5"	10'-7"		417B	4'- 5/8"	6	l'-l 5/8"	l'-0"
587A	15'-10"	3	4'-5"	11'-5"		418B	4'-13/4"	6	1'- 13/4"	l'-0"
588A	16'-7"	3	6'-6"	10'-1"		419B	4'-35/8"	6	1'-15/8"	'- "
589A	17'-3"	3	4'-I0"	I2'-5"		420B	4'-3¾"	6	'- ³ / ₄ "	³ - ⁸
						42IB	4'-55/8"	6	'- ⁵ / ₈ "	l'-2"
60I A	8'-0"	3	3'-7"	4'-5"		422B	4'-5¾"	6	1'-13/4"	l'-2"
602A	8'-IO"	3	4'- "	4'-9"		423B	4'-51/8"	6	l'-l ⁷ /8"	l'-2"
603A	9'-10"	3	4'- "	5'-9"		424B	4'-75/8"	6	1'-15/8"	l'-3"
604A	10'-10"	3	3'-2"	7'-8"		425B	4'-73/4"	6	1'-1 3/4"	l'-3 "
605A	10'-11"	3	3'-2"	7'-9"		426B	4'-95/8"	6	1'-15/8"	l'-4"
606A	11'-3"	3	3'-3"	8'-0"		427B	4'-93/4"	6	1'-13/4"	¹ -4 ⁸
607A	I3'-0 "	3	3'-9"	9'-3"		428B	4'-91/8"	6	1'-17/8"	1'-4"
608A	13'-4"	3	3'-11"	9'-5"		429B	5'-l ³ / ₄ "	6	1'-1 3/4"	l'-6"
609A	l4'-2 "	3	4'-0"	10'-2"		430B	5'-1 1/8"	6	1'-1 7/8"	l'-6"
610A	4'-5 "	3	4-2"	10'-3"		43IB	5'-5¾"	6	1'-13/4"	l'-8"
6HA	4'-8 "	3	4'-3"	10'-5"		432B	5'-51/8"	6	1'-17/8"	l'-8"
612A	I5'-6 "	3	4'-9"	10'-9"			_ = = 70	***	/0	
613A	16'-9"	3	5'-0"	11'-9"						

	DATE	DEPA	DEPARTMENT OF TRANSPORT									
			STANDARD									
	REVISION		REINFORCED CONCRETE TRIPLE BOX CULVERT									
		NO SCA	ALE SEP	TEMBER 2017								
	BY	DRW. FGS	SUBMITTED) STATE DESIGN POLICY ENGINEER APPROVED) CHIEF ENGINEER	NUMBER 2403 SHEET 3 OF 3								

* L = LENGTH OF CULVERT



Mallett Consulting, Inc. 101 DEVANT ST., SUITE 804 FAYETTEVILLE, GEORGIA 30214 PHONE: 770-719-3333 FAX: 770-719-3377

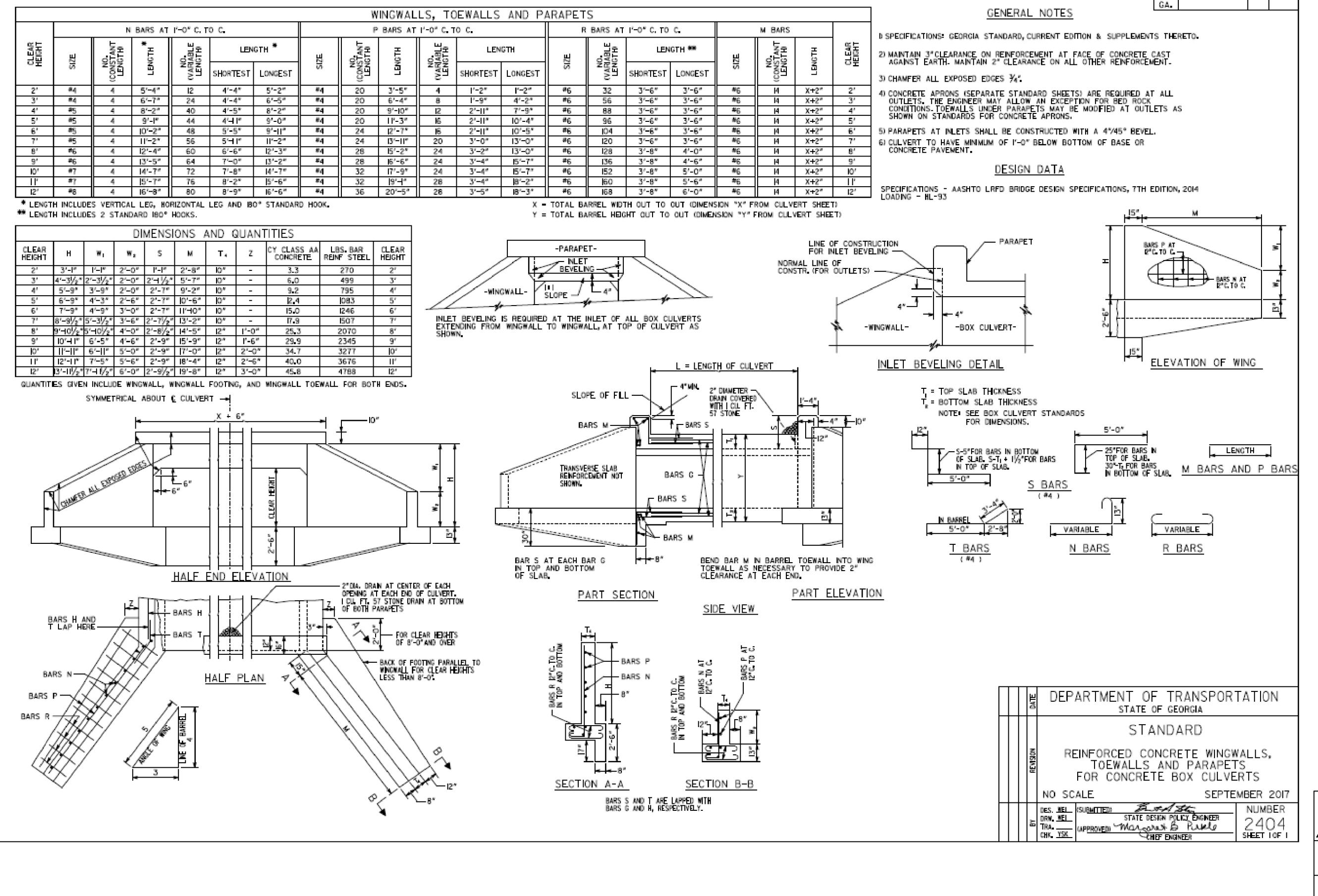
CATEGORY I UPGRADES TO PENDLETON LAKE DAM FOR TOWN OF TYRONE, GEORGIA

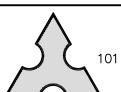






				LAND LOT - 108	DESIGN MCI	SCALE AS NOTED
				DISTRICT - 7th		DATE
				SECTION _	JTB, DWJ	10/21/19
				CITY – TYRONE	CHECK	FILE NO.
1/15/21	PER SDP REVIEW	JLP	DWJ	COUNTY – FAYETTE		18101-24C SHEET NO. O
DATE	DESCRIPTION	ВҮ	APP'D	STATE – GEORGIA	DWJ	SHEET NO. 8.0
					DISTRICT - 7th SECTION - CITY - TYRONE 1/15/21 PER SDP REVIEW JLP DWJ COUNTY - FAYETTE	DISTRICT - 7th DRAWN SECTION - CITY - TYRONE 1/15/21 PER SDP REVIEW DWJ COUNTY - FAYETTE APPROVED APPROVED





Mallett Consulting, Inc. 101 DEVANT ST., SUITE 804 FAYETTEVILLE, GEORGIA 30214

PHONE: 770-719-3333 FAX: 770-719-3377

CATEGORY I UPGRADES TO PENDLETON LAKE DAM FOR TOWN OF TYRONE, GEORGIA

DETAILS - TRIPLE 8X8 CONCRETE BOX CULVERT

JTB, DWJ

AS NOTED

10/21/19

18101-24C

FILE NO.

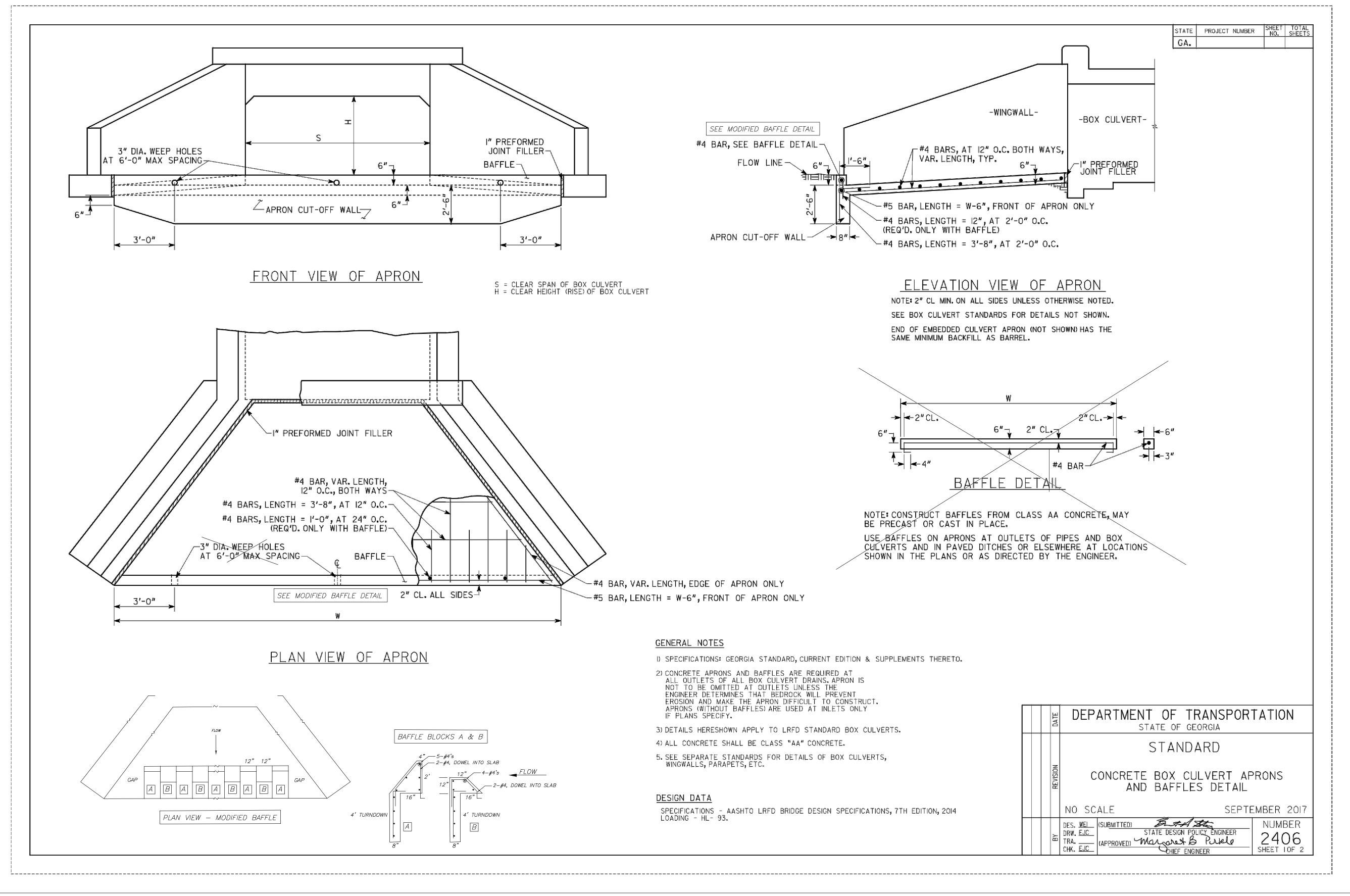
SHEET NO.





					LAND LOT- 108	DESIGN	мсі
					DISTRICT _ 7th	DRAWN	
					SECTION _		JTB, D
À	05/10/24	PER SDP REVIEW	DWJ	DWJ	CITY – TYRONE	CHECK	DWI
Â	1/15/21	PER SDP REVIEW	JLP	DWJ	COUNTY - FAYETTE	ADDDOVED	DWJ
′. No.	DATE	DESCRIPTION	BY	APP'D	STATE – GEORGIA	APPROVED	DWJ

STATE PROJECT NUMBER





Mallett Consulting, Inc. 101 DEVANT ST., SUITE 804 FAYETTEVILLE, GEORGIA 30214

T ST., SUITE 804 FAYETTEVILLE, (
PHONE: 770-719-3333

FAX: 770-719-3377

CATEGORY I UPGRADES TO PENDLETON LAKE DAM FOR TOWN OF TYRONE, GEORGIA







					LAND LOT - 108	DESIGN MCI	SCALE AS NOTED
					DISTRICT - 7th	DRAWN	DATE
					SECTION _	JTB, DWJ	10/21/19
					CITY – TYRONE	CHECK	FILE NO.
7	1/15/21	PER SDP REVIEW	JLP	DWJ	COUNTY – FAYETTE	APPROVED	18101-24C
No.	DATE	DESCRIPTION	ВҮ	APP'D	STATE – GEORGIA	DWJ	SHEET NO. 10.0
	•						

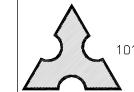
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

													APR	ON QL	JANTIT	IES FO	R CON	CRETE	ВОХ	ULVER	TS					V										
		SINGL	90°		SINGLE	75°	(SINGLE	60°	5	SINGLE	45°	D	OUBLE	90°	DO	DUBLE	75°	DC	UBLE	60°	DC	UBLE	45°	T	RIPLE S	90°	TT.	RIPLE	75°	TRIPL	E 60°	T	RIPLE 4	45° .	
· }	(FT	V CU.YI	S. LBS. STEE	W L (FT.)	CU.YDS CONC.	LBS. STEEL	W _ (FT.)	CU.YDS CONC.	S. LBS. STEE	(FT.)	CU.YDS CONC.	S. LBS. STEEL	W (FT.)	CU.YDS CONC.	. LBS. STEEL	(FT.)	CU.YDS.	. LBS. STEEL	W (FT.)	CU.YDS. CONC.	LBS. STEEL	W (FT.)	CU.YDS. CONC.	LBS. STEEL	W (FT.)	CU.YDS. CONC.	LBS. STEEL	W (FT.)	CU.YDS. CONC.	LBS. STEEL	W CU.` (FT.) CON	DS. LBS. C. STEEL	W _ (FT.)	CU.YDS. CONC.	. LBS. F	<u> </u>
, 3	1 1913		108	12.831	I.55	127	12.831	1.55	127	16.715	1.95	157	16.133	2.11	170	17.825	2.45	193	17.825	2.45	193	21.715	2.83	222	21.133	2.95	232	22.821	3.35	260	22.821 3.3		26.714	3.71	287 3	
4	15,4			17.279	2.58	204	17.279	2.58	204	23.174	3.35	262	20.433	3.33	259	22.275	3.75	290	22.275	3.75	290	28.174	4.49	345	25.433	4.43	339	27.273	4.91	375	27.273 4.9		33.174	5.63	429 4	<u> </u>
5 6					3.44	267 307	20.324	3.44 4.45	267 340	26 . 244 29.386		320 385	22 . 033 23 . 633	3.85 4.39	297 335	25 . 322 27.l07	4.78 5.44	365 4l3	25 . 322 28 . 55I	5.98	365 452	31.243 34.386	5.42 6.45	4I3 488	27.033	5.05 5.69	385 43I	30.32l 32.l06	6.88	463 519	30.32l 6.l 33.550 7.9		36.243 39.386	6.69 7.85	506 5 589 6	, -
3	_	33 I.44		13.830	1.73	140	13.830	1.73	140	17.715	2.13	170	18.133	2.44	195	19.823	2.81	219	19.823	2.81	219	23.714	3.18	248	24.133	3.45	269	25.820	3.89	299	25.820 3.8		29.714	4.24	326 3'	,—
4	16.4	33 2.45		18.278	2.82	222	18.278	2.82	222	24.174	3.58	279	22.433	3.77	291	24.274	4.21	324		4.21	324	30.174	4.95	379	28.433	5.10	388	30.272	5.61	426	30.272 5.6		36.174	6.32	479 4'	7
′ 5	18.0	83 2.89	227	21.324	3.71	286	21.324	3.71	286	27.244	_	339	24.033	4.33	333	27.322	5.32	404	27.322	5.32	404	33.243	5.93	450	30.033	5.77	438	33.320	6.93	522	33.320 6.9		39.243	7.45	561 5'	7 5
6	19.6	33 3.39	259	23,108	4.28	328	24.553	4.76	362	30.386	5.33	406	25.633	4.91	373	29.107	6.01	455	30,551	6.60	497	36.386	7.01	528	31.633	6.47	487	35.105	7.75	582	36.549 8.4	3 63I	42.386	8.68	651 6'	<u>'</u>]
7	21.2			24.553	_	362	27.742	5.9	445	33.653	_	476	27.233	5.53	419	30.551	6.60	497	33.740	7.97	596	39.652	8.13	609	33.233	7.20	542	36.549	8.43	63	39.738 10.0	-	45.652		742 7'	
8		833 4.38		26.398		411	29.988	6.80	510	36.753		553	28.833	6.17	465	32.396	7.38	554	35.986	9.02	671	42.753	9.34	697	34.833	7.97	596	38.395	9.35	698	41.985 11.2		48.753	11.31	841 8	+
3			133	14.828	1.91	153	14.828	1.91	153	18.715	2.30	183	20.133	2.78	220	21.822	3.17	246		3.17	-	25.714	3.53	274	27.133	3.95	306	28.818	4.43	339	28.818 4.4		32.714	4.77	365 3'	\dashv
4	17.4	33 2.6		19,278	3.05	238	19,278	3.05	238	25.174	3.81	295	24.433 26.033	_	324	26,273	4.68	358	26.273	4.68	358 443	32 . 174 35 . 243	5.41	4l2 487	31.433 33.033	5.76	436	33.271	6.30	477	33.27 6.3		39.174	7.00	529 4' 617 5'	_
$\frac{5'}{6}$	20.	633 3.6I	244	22.323 24.l08	4.57	306 350	22.323 25.552	3.98 5.06	384	28.244 3l.386	5.61	358 426	+	4.8I 5.43	368 411	29.32l 3l . l06	5.86 6.59	443 498	29 . 32l 32 . 550	7 21	541	38.386	6.44 7.57	569	34.633	6.49 7.25	49 <u>]</u> 545	36.320 38.105	8.62	58I 646	36.320 7.7 39.549 9.3		42.243 45.386	8.2l 9.52	712 6'	,
F		233 4.13	317	25.552	5.06	384	28.742	6.25	471	34.653	6.61	499	29.233	6.09	460	32.550	7.2	541	1	8.66	646	41.652	8.74	653	36.233	8.04	603	39.549	9-35	698	42.738		48.652	10.86	809 7'	,
8	23.		355	27.397	5.74	434	30.988	7.17	537	37.753	_	577	30.833	6.77	509	34.396	8.04	602	37.986	9.76	725	44.753	10.00	745	37.833	8.87	661	41.394	10.33	769	44.985 12.3		51.753	12.30	913 8'	7
4	18.4	33 2.89		20.277	3.28	256	20.277	3.28	256	26,174	4.04	312		4.65	356	28.272	5.14	392	28.272	5.14	392	34.174	5.86	446	34.433	6.42	485	36.270	7.00	528	36.270 7.0		42,174	7.68	579 4'	<i>,</i> †
, 5	20.	033 3.3			4.24	325	23.323	4.24	325	29.243	4.92	376	28.033	5.29	403	31.321	6.39	483	31.321	6.39	483	37.243	6.94	524	36.033	7.21	544	39.319	8.54	640	39.319 8.5		45.243	8.97	672 5'	<i>-</i>
6	21.6	33 3.8	297	25,108	4.86	371	26.552	5.37	407	32.386	5.89	447	29.633	5.95	449	33.106	7.17	540	34.550	7.82	586	40.386	8.12	610	37.633	8.03	601	41.105	9.49	709	42,549 10.2	7 765	48.386	10.36	773 6'	<u>-</u>
7		233 4.41		26.552	5.37	407	29.74	6.60	496	35.653		521	31.233	6.64	501	34.550	7.82	586	37.739	9.34	696	43.652	9.34	698	39.233	8.88	664	42.549	10.27	765	45.737 12.0		51.652	11.77	875 7'	
8		833 4.98		_	6.07	458	31.987	7.54	564	38.753	8.03	601	32.833	7.37	552	36.395	8.69	650	39.985	10.50	779	46.753	10.65	793	40.833	9.77	727	44.394	11.32	841	47.984 13.4		54.753	13.28	985 8'	_
4	19.4		242	_	3.51	272	21.276	3.5	272	27.174	4.27	328	28.433	5.10	388	30.272	5.61	426	30.272	5.61	426	36.174	6.32	479	37.433	7.08	533	39.269	7.70	579	39.269 7.7	579	45.174	8.37	629 4	_
, 5	21.0				4.51	345	24.323	4.51	345	30.243	_	395	30.033	5.77	438	33.320	6.93	522	33.320	6.93	522	39.243	7.45	561	39.033	7.93	596	42.319	9.35	699	42.319 9.3		48.243	9.73	728 5'	,
6		633 4.13 233 4.69	316	26.107	2.12	392	27.552	5.68	429	33.386		467	31.633	6.47	487	35.l05 36.549	7.75	582	36.549 39.738	0.43	746	42.386	0.00	651	40.633	8.81	659	44.l04 45.548	1119	117	45.548 11.19 48.737 13.13	832	51.386	11.19	834 6	,
1 (_ ∠ ¬ •	233 4.63	799	29 397	6.40	423	30.141	7.9	521	39.753	9.35	625	34 833	7.20	596	38 395	9.35	608	41 985	11.24	933	49.652	11.31	841	42.203	10.66	793	47 393	12.30	032	50.984 14.5	7 1076	57.753	14.00	1056 8	
9		333 5.86			7.11	535	35.233		668	-			36.333		652	40.140	10.25			12.51	_	52.040		954	45.333	_	860	49.138	13.38	+	53.231 16.0		61.040	16.03	1186 9'	\exists
Tic	_	833 6.40		_	7.78	582	_	+	743	-	10.93	815	37.833		706	41.664	11.07	_	46.378	·	-	55.141	14.35		46.833		928	50.663	14.37	-	55.377 17.5		64.140	17.77	1313 10	آ آر
4		433 3.33	1	1	1		22.275		290	28.174		345	30.433	1	421	32.271	6.07	460	32,271	6.07				513	40.433		582	42.269	8.40		42.269 8.4		48.173	9.05	680 4'	<i>i</i> T
5	22.	033 3.89	297	25,322	4.78	365	25.322	4.78	365	31,243	5.42	413	32.033	6.25	473	35.320	7.47	561	35.320	7.47	561	41.243	7.96	598	42,033	8.65	649	45.318	10,15	758	45.318 10.1	758	51.243	10.49	783 5'	<u>′</u>]
, 6	23.	633 4.39	335	27,107	5.44	413	28.551	5.98	452	34.386	6.45	488	33.633	6.99	525	37.105	8.33	625	38.549	9.05	676	44.386	9.24	692	43.633	9.59	715	47.104	11.23	836	48.548 12.1	899	54.386	12.03	895 6'	
7				28.551		452	31.741	7.28	546	37.653	_	565	35.233		583	38.549	9.05	676		10.72		47.652		786	45.233	10.56	787	48.548	12.11		51.737 14.15				1008 7	
8	_			30.396	_	_	33.987	8.28	617		8.68	649	36.833	_	640	40.394	10.00	746	43.985	11.98		50.753		889	46.833		858	50.393	13.29		53.983 5.6		_		1129 8	4
9		-		32,141			36.233		697	-	9.99	747	38.333		698	42.139	10.95	815		13.30		54.040		1005	48.333	1	930	52.138	14.43	1069	56.230 17.2		64.040	-1	1264 9'	_
IC			510	33.666		608	38.379	10.40		47.141	11.31	842	39.833		755	43.664	11.81	8 (5	48.378	14.62			15.11	1119	49.833	13.53	1001	53.663	15.47	1143	58.377 18.8		67,140	18.91	1396 10	+
	21.4			23.275		306	_		306	29.174			32.433		453	34.271	6.54	494		6.54		40.174			43,433		630	45.268		681	45.268 9.0		51,173	9.74	729 4'	\dashv
10	23. 24.			-	5.05 5.72	385 434	26.322 29.55I	5.05 6.29	385	32.243		432 508	34.033 35.633	_	508 563	37.3l9 39.l05	8.00 8.9I	600	37.319 40.549	8.00 9.66	720	43.243 46.386		635 732	45.033	10.37	702	48.3l8 50.l04	10.96	900	48.318 10.9 51.548 13.0		54.243 57.386		839 5' 956 6'	+
7	26.			29.551		_	32.740		571	35.386 38.652		587	37.233	-	624	40.549	9.66	720	43.738	11.41	_	49.652	-	831	46.633 48.233	11.40	849	51.548	13.03	966	54.736 15.13		_		1075 7	\dashv
1 B	27.			31.396	7.05	530	34.986	8.65	645	41.753	9.01		38.833		684	42.394	10.66	793	45.984	12.72		52.753		937	49.833		924	53.393	14.27	1056	56.983 16.7				1200 8'	
9	29.			33.141	7.81	586	37.233	_	725	45.040	10.35	_	40.333		745	44.139	11.64	865	48.231	14.09		56.040		1057	51.333	13.49	999	55.138	15.48	1145	59.230 8.4				1342 9	7
līd	' 30.		-	34.666	8.51	635	39.379		804	48.141	11.69		41.833		805	45.664	12.54	929	- 	15.46		59.140	_		52.833	14.54	1075	56.663	16.57	1223	61.377 20.		70.140		1479 10	ا آبر
	32.		588	36.551	_	701	41.626	12.02	_	51.572	13.25		43.433		874	47.550	13.69	1012	52.625	16.95		62.572		_	54.433	15.69	1159	58.549	17.96	1	63.624 21.8		_		1634 11	_
12	4 34.		644	37.995		751	43.873	_	_	54.642	14.77		45.033		945	48.994	14.58	1076		18.50	+	65.642	-		56.033		1246	59.993	19.04	+	65.871 23.				1785 12	_

NOTE: THE QUANTITIES SHOWN ABOVE ARE FOR OUTLET END APRONS WITH BAFFLES IF APRONS ARE NEEDED AT INLETS (NOT USUAL), REDUCE THE ABOVE QUANTITIES FOR NO. BAFFLES AS FOLLOWS: CONCRETE: REDUCE QUANTITY BY W × 0.0092 CU.YDS/FT.
STEEL: REDUCE QUANTITY BY W × 0.334 LBS/LIN.FT.

S = CLEAR SPAN OF BOX CULVERT H = CLEAR HEIGHT (RISE) OF BOX CULVERT

	# DEP	ARTMENT OF STATE OF		TATION								
		STAN	DARD									
100000	44 NOON	CONCRETE BOX CULVERT APRONS AND BAFFLES DETAIL										
	NO SC	CALE	SEPTE	MBER 2017								
à	DES. WEI DRW. EJC TRA CHK. EJC	(SUBMITTED) STATE DESIGN (APPROVED) WORKSTON	POLICY ENGINEER B PURLO ENGINEER	NUMBER 2406 SHEET 2 OF 2								



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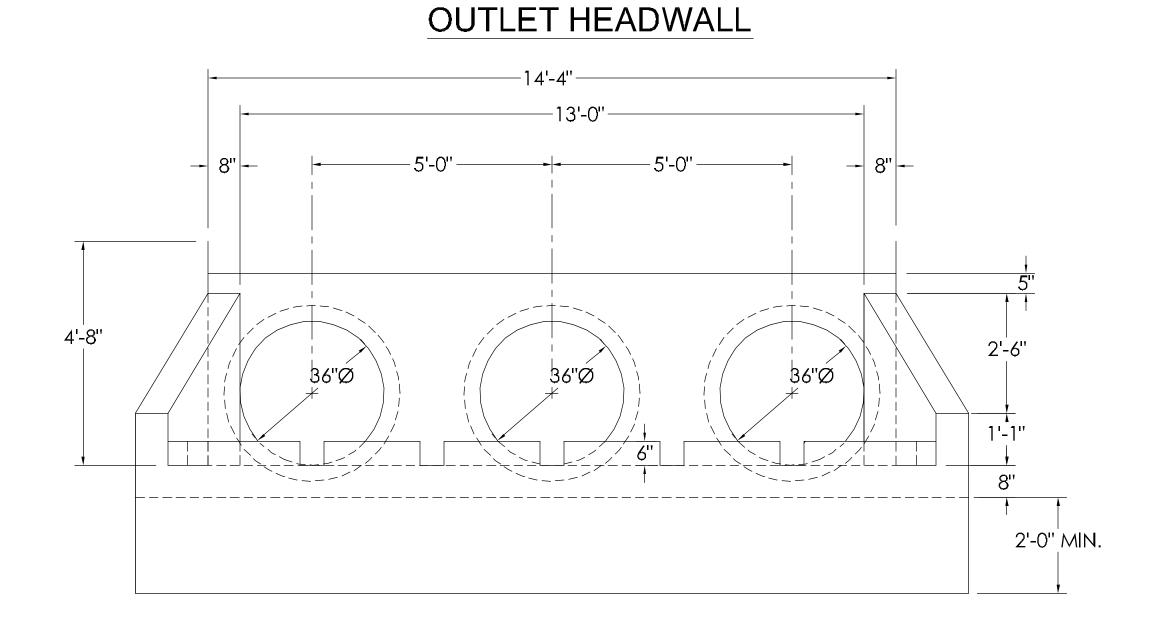
CATEGORY I UPGRADES TO PENDLETON LAKE DAM FOR TOWN OF TYRONE, GEORGIA





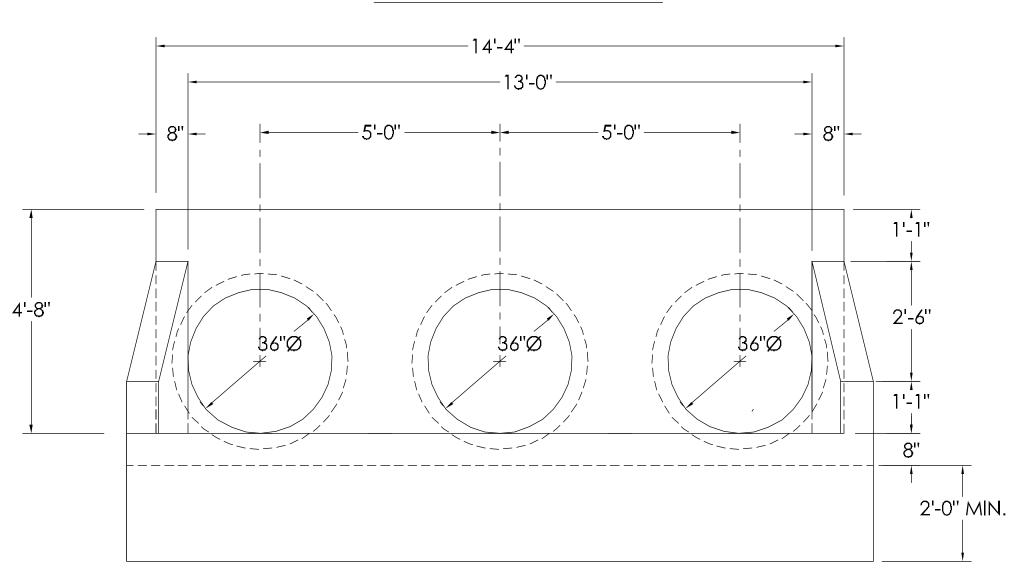


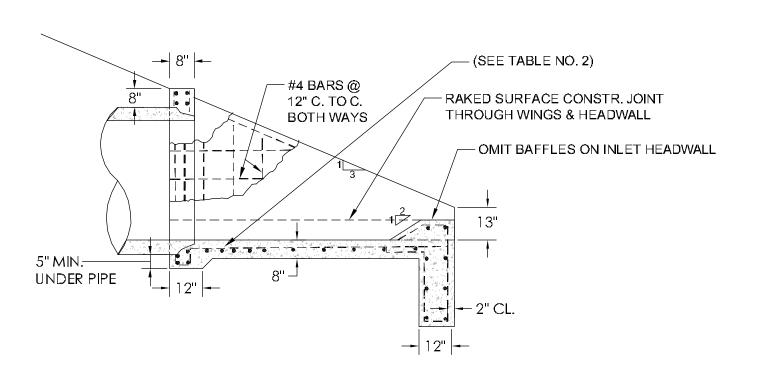
					LAND LOT - 108	DESIGN MCI	SCALE AS NOTED
					DISTRICT - 7th	DRAWN	DATE
					SECTION _	JTB, DW.	10/01/10
					CITY - TYRONE	CHECK DWJ	FILE NO. 18101-24C
\triangle	1/15/21	PER SDP REVIEW	JLP	DWJ	COUNTY – FAYETTE	APPROVED	
V. No.	DATE	DESCRIPTION	ВҮ	APP'D	STATE – GEORGIA	DWJ	SHEET NO. 11.0



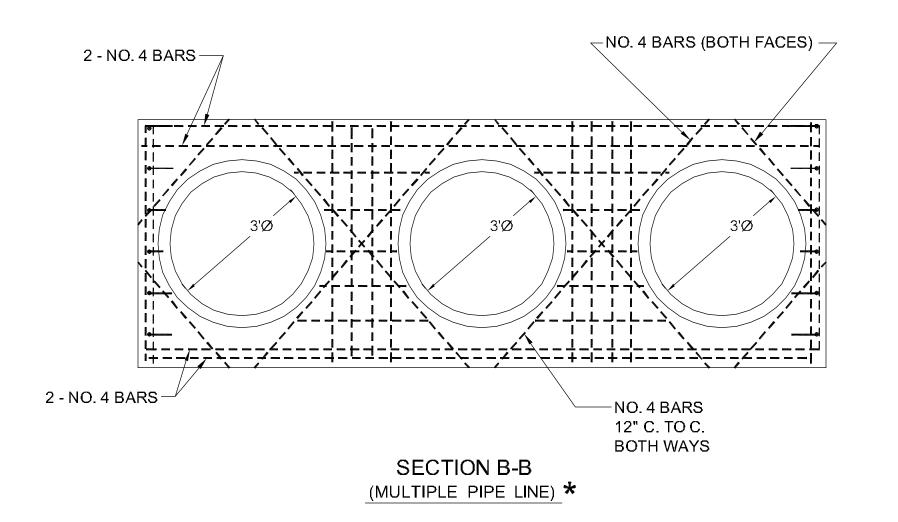
FRONT ELEVATION

INLET HEADWALL

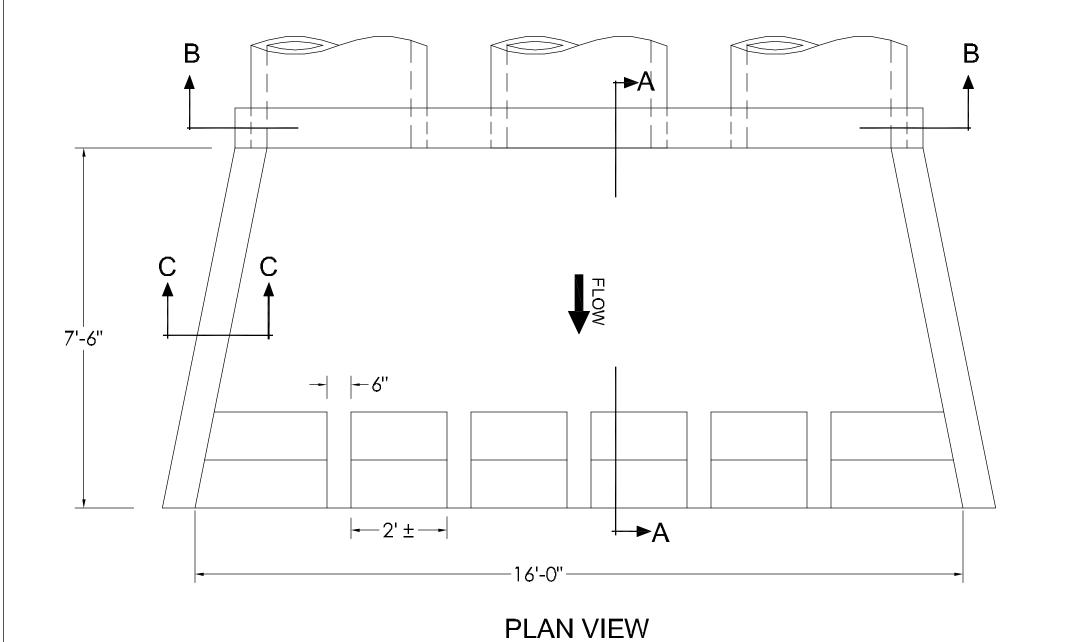


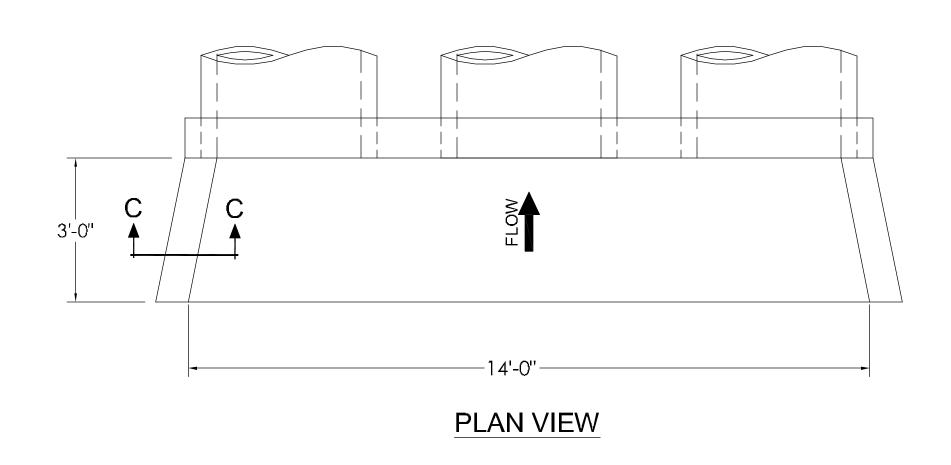


SECTION A-A



FRONT ELEVATION





#4 BARS @ 12" C. TO C. BOTH WAYS	
RAKED CONSTR. JT.	
8"	
SECTION C-C	

ΠΤΙΕS)				LBS S	STEEL (GIVEN FOR	R INFORMATIO	N ONLY)		
ADD F	OR ADDITIONA	L LINE	FOR SIN	NGLE LINE		ADD FOR A	ADDITIONAL LIN	NE .	
NLET	OUTLET		INLET	OUTLET		INLET	OUTLET		
2.49	2.63		238	254		196	212		
		4 N	OTT.					•	

*****NOTE:

TABLE No.1 - QUANTITIES FOR HEADWALL

CU. YDS. CONCRETE (PAY QUANTITIES)

INLET

2.49

FOR SINGLE LINE

OUTLET

3.05

INLET

2.92

36"

QUANTITIES SHOWN ARE APPROXIMATE. PAY QUANTITIES FOR CLASS "A" CONCRETE WILL BE AS INDICATED ON BID FORM, INCLUDING REINFORCED STEEL. NO ADJUSTMENT WILL BE MADE FOR AS BUILT QUANTITIES.

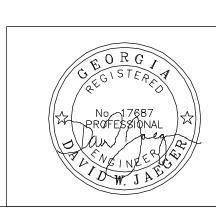


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PHONE: 770-719-3333
FAX: 770-719-3377

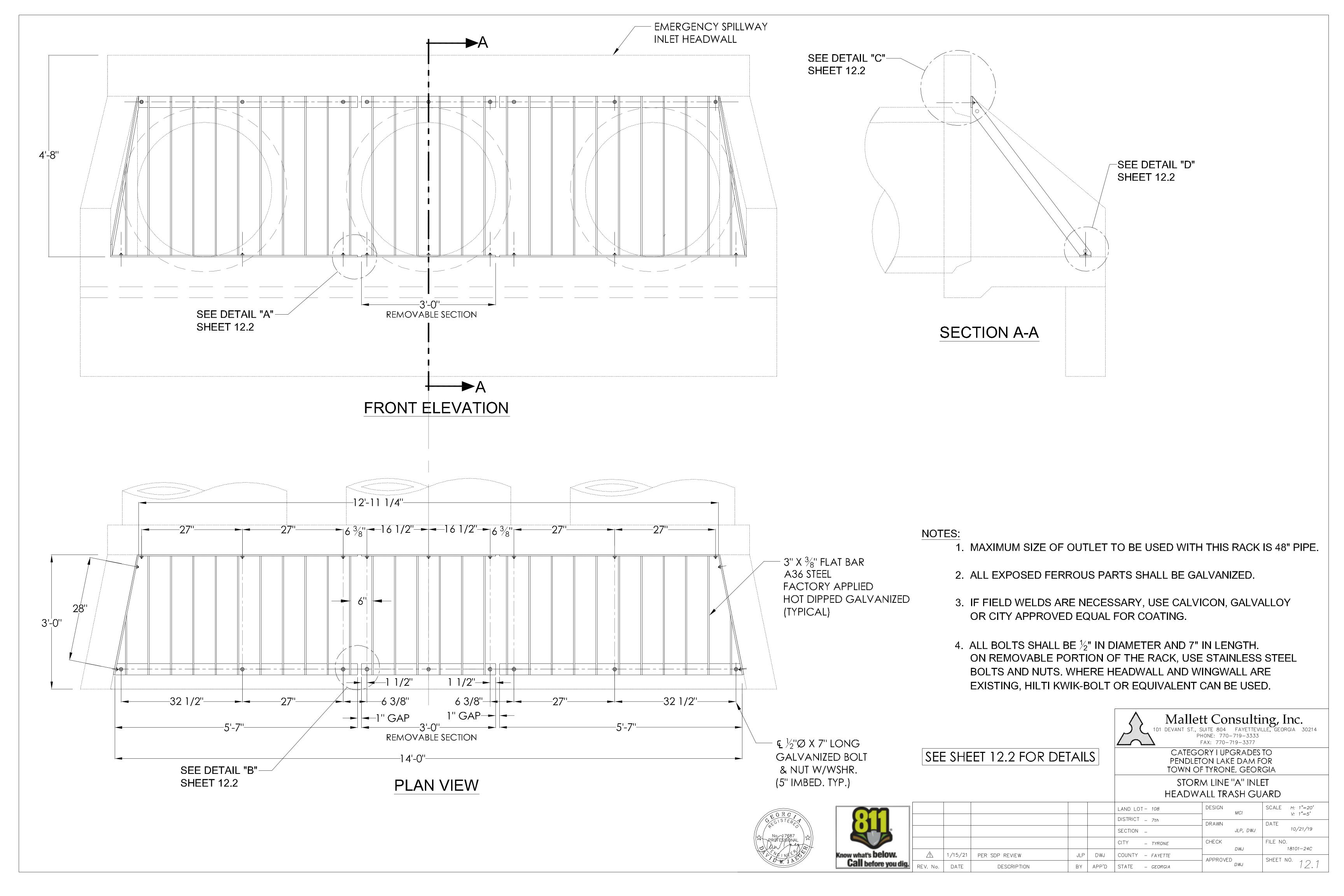
CATEGORY I UPGRADES TO PENDLETON LAKE DAM FOR TOWN OF TYRONE, GEORGIA

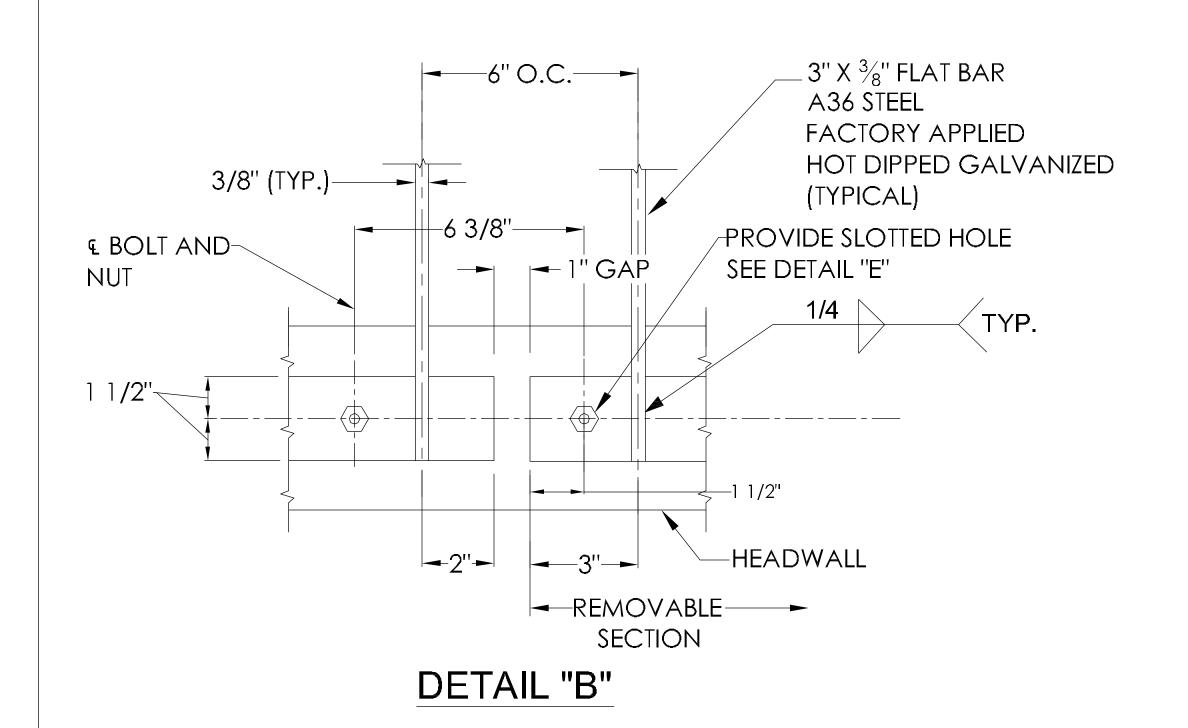
STORM LINE "A" HEADWALLS

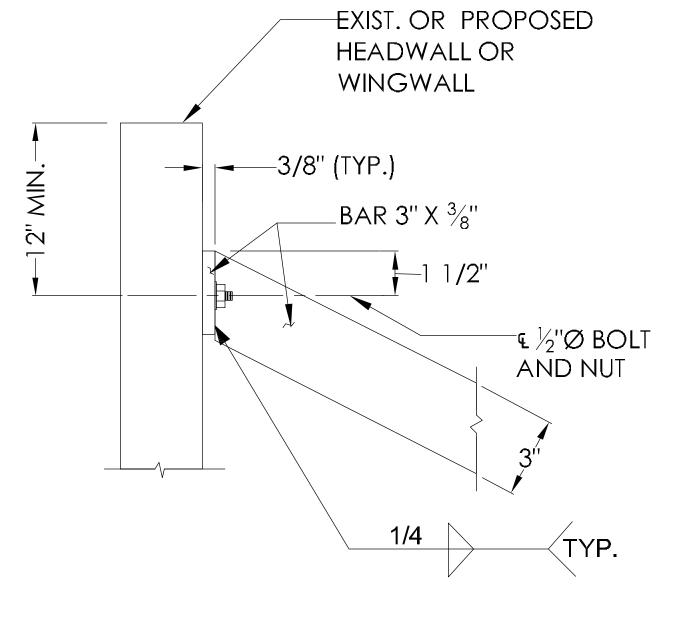




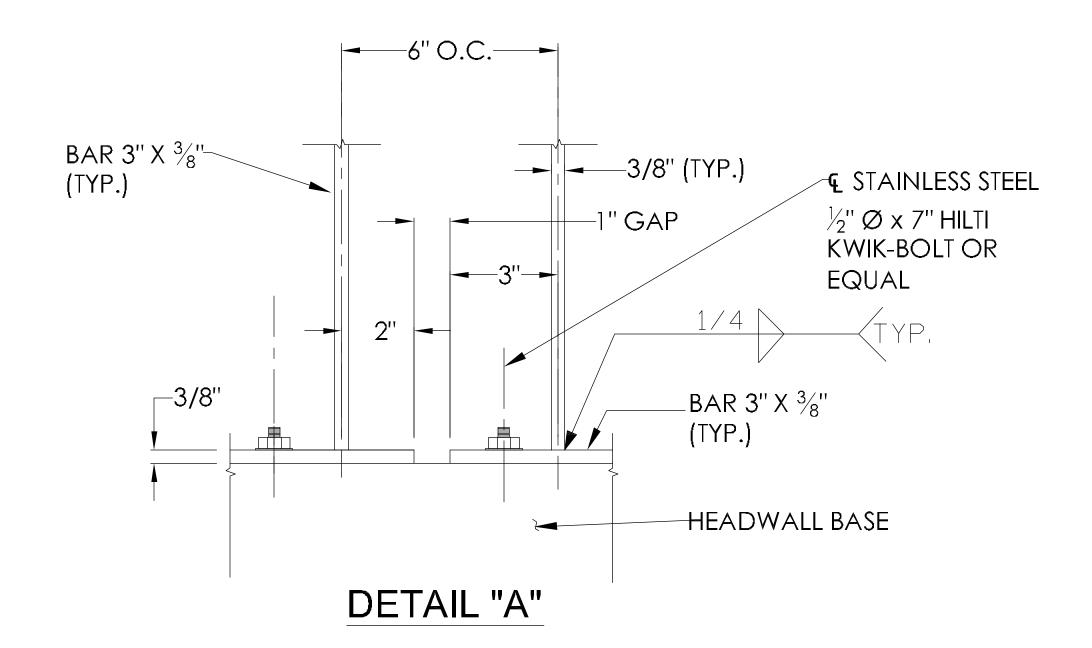
					LAND LOT - 108	DESIGN	MCI	SCALE 1" = 2'-0"
					DISTRICT _ 7th	DRAWN		
					CECTION	DRAWN	JLP, DWJ	DATE 10/21/19
					SECTION _		JLF, DWJ	. = / = . /
					CITY – TYRONE	CHECK		FILE NO.
							DWJ	18101-24C
$\hat{}$	1/15/21	PER SDP REVIEW	JLP	DWJ	COUNTY – FAYETTE			
						APPROVED		SHEET NO. 100
No.	DATE	DESCRIPTION	BY	APP'D	STATE <i>– GEORGIA</i>		DWJ	12.0

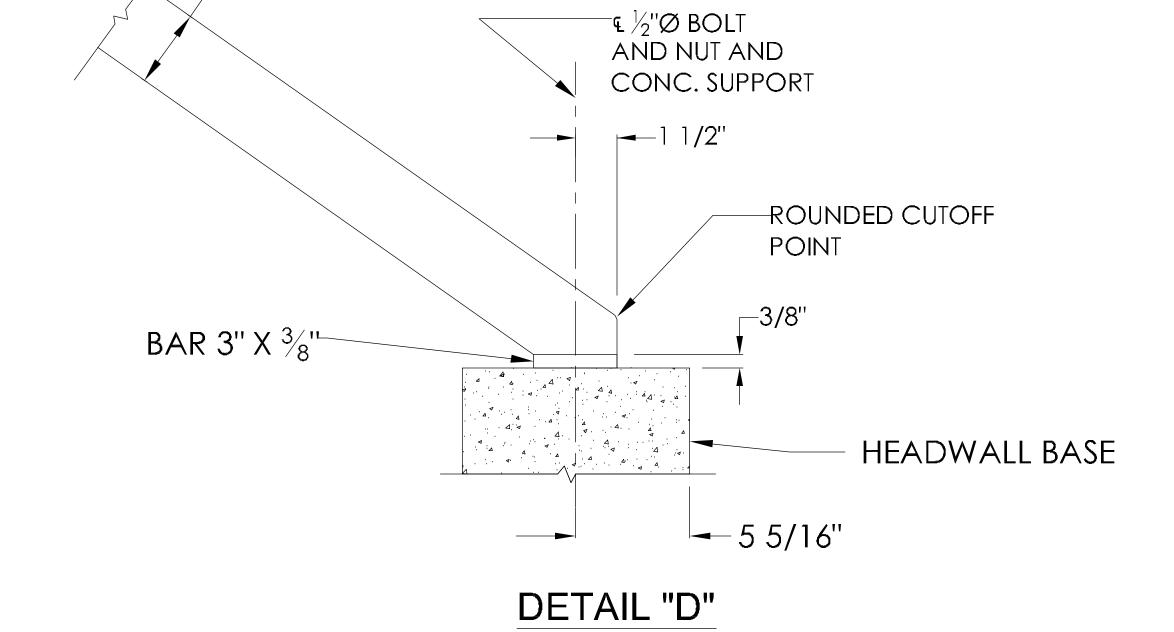






DETAIL "C"





NOTE.

NOTE:

ALL 3" X 3/8" FLAT BAR

TO BE A36 STEEL,

FACTORY APPLIED

HOT DIPPED GALVANIZED.



CATEGORY I UPGRADES TO PENDLETON LAKE DAM FOR TOWN OF TYRONE, GEORGIA

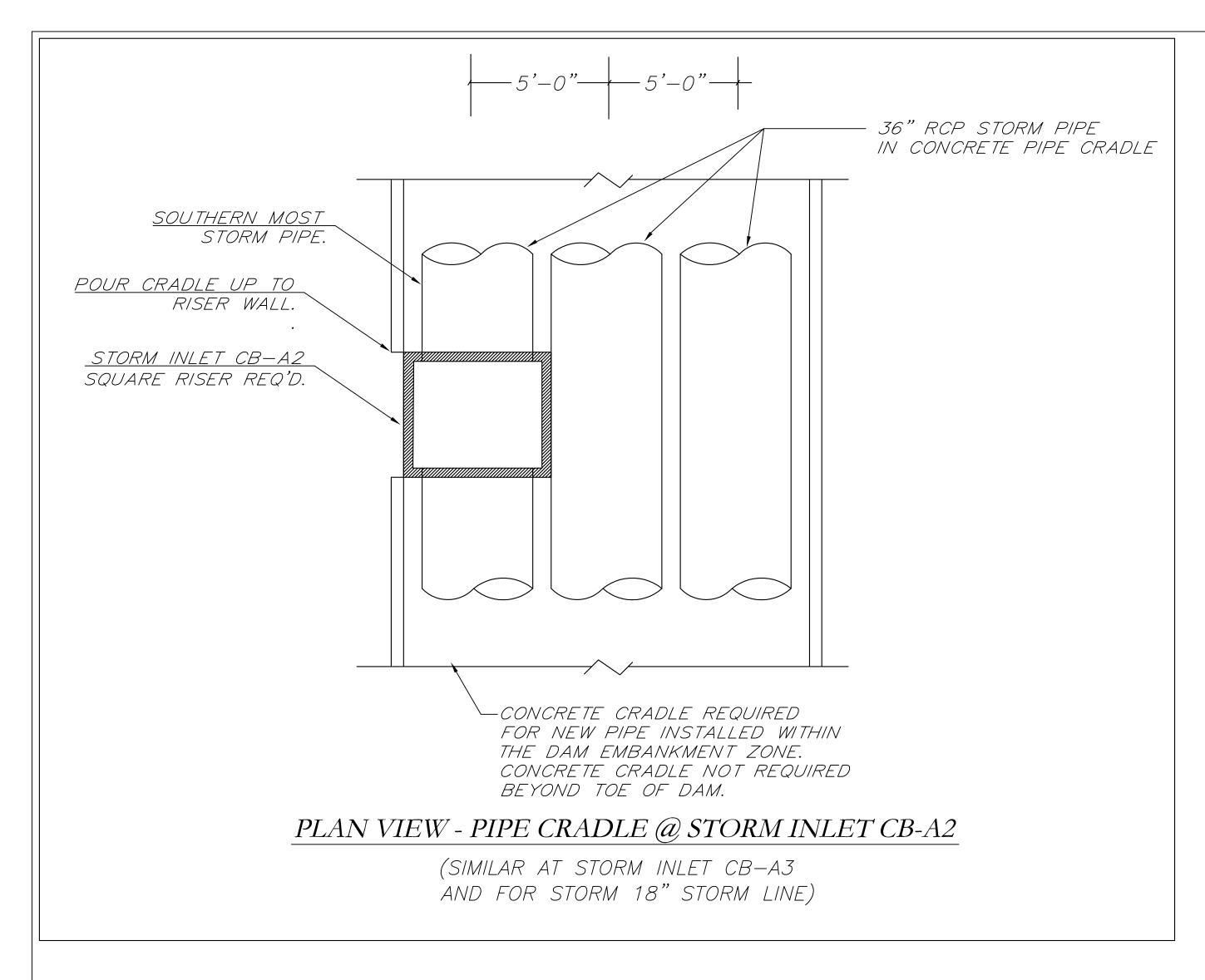
STORM LINE "A" INLET HEADWALL TRASH GUARD DETAILS

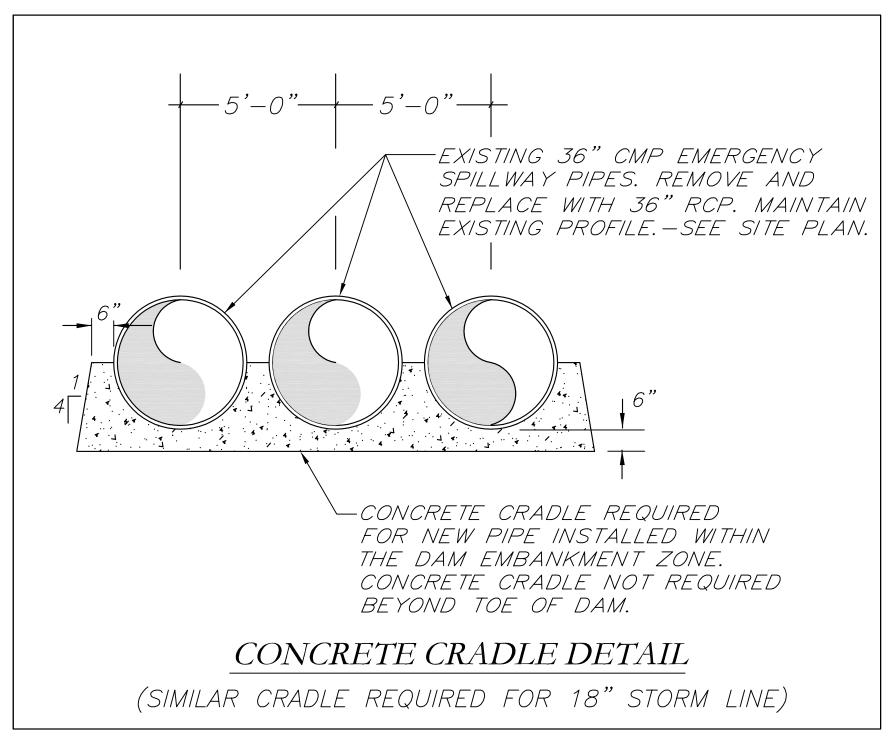


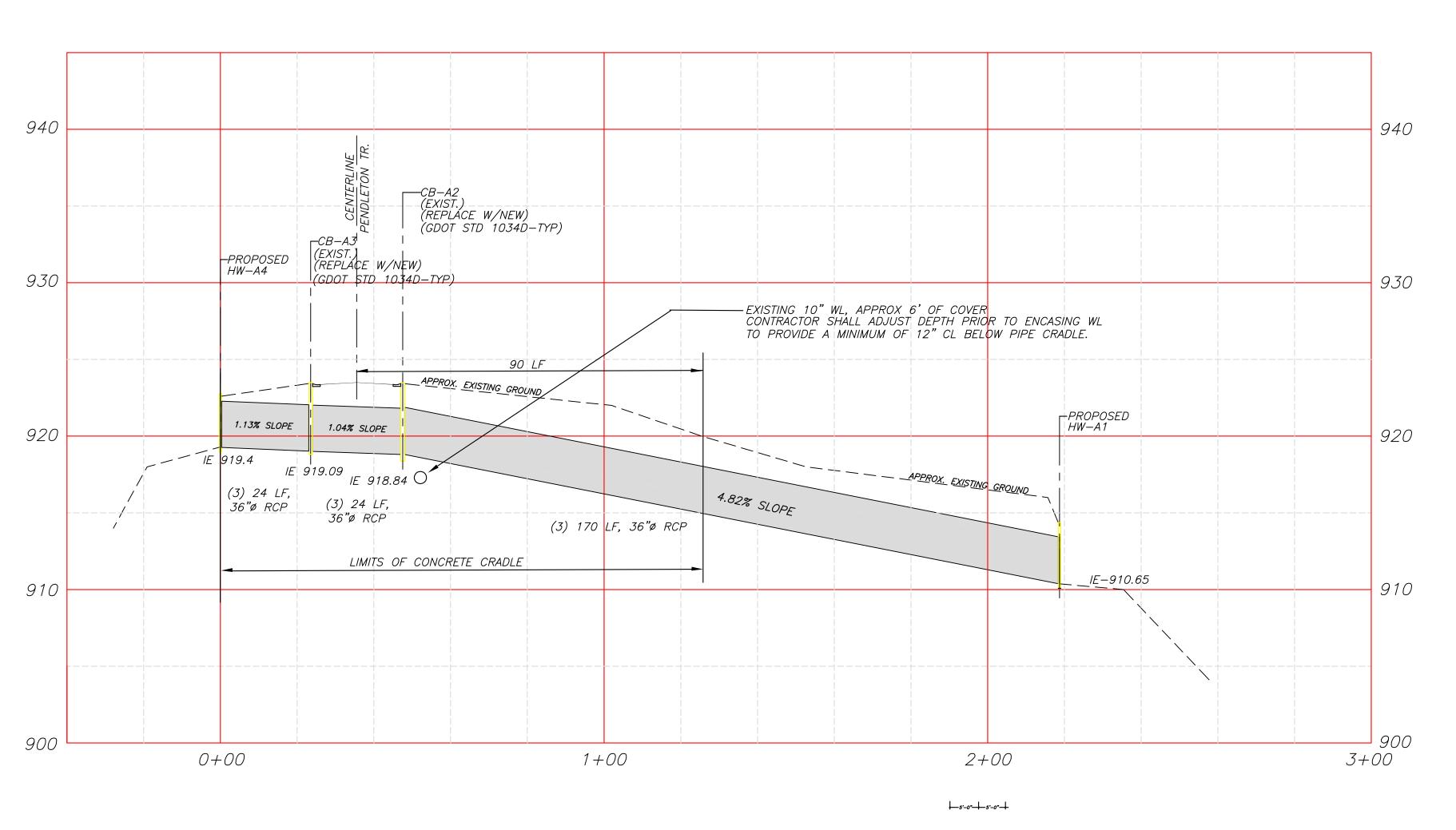


					HEADWALL	HEADWALL IRASH GUARD DETAILS							
					LAND LOT - 108	DESIGN MCI	SCALE H: 1"=20' V: 1"=5'						
					DISTRICT _ 7th	DRAWN	V. 7 – 3						
					SECTION _	JLP, DWJ	10/21/19						
					CITY – TYRONE	CHECK	FILE NO.						
\triangle	1/15/21	PER SDP REVIEW	JLP	DWJ	COUNTY - FAYETTE	APPROVED	18101-24C SHEET NO. 12.2						
. No.	DATE	DESCRIPTION	ВҮ	APP'D	STATE – GEORGIA	DWJ							





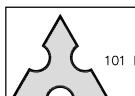




PROFILE - STORMLINE "A" - SOUTHERN-MOST PIPE

NOTE:

- 1. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING 36" CMP EMERGENCY SPILLWAY PIPES (3) WITH 36" RCP. EXISTING CB-A2 AND CB-A3 SHALL BE REPLACED W/NEW. NEW HW-A1 AND HW-A4 SHALL BE INSTALLED AT THE OUTLET AND INLET ENDS OF THE NEW PIPES. THE NORTHERN-MOST AND CENTER PIPES DO NOT CONNECT TO CB-A2 AND CB-A3. THE SOUTHERN-MOST PIPE SHALL CONNECT TO CB-A2 AND CB-A3. SLOPE AND GRADES SHOWN ON THE PROFILE ARE FOR THE SOUTHERN-MOST PIPE. THE OTHER PIPES SHALL BE DEFLECTED AT EACH PIPE JOINT AS NEEDED TO APPROXIMATELY FOLLOW THE PROFILE OF THE SOUTHERN-MOST PIPE.
- 2. EXISTING ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY PRIOR TO ORDERING MATERIALS AND SHALL NOTIFY ENGINEER REGARDING ANY CONFLICTS OR IRREGULARITIES.
- 3. DISTURBED GRASS AREA SHALL BE RE-SODDED TO MATCH SURROUNDING SOD.



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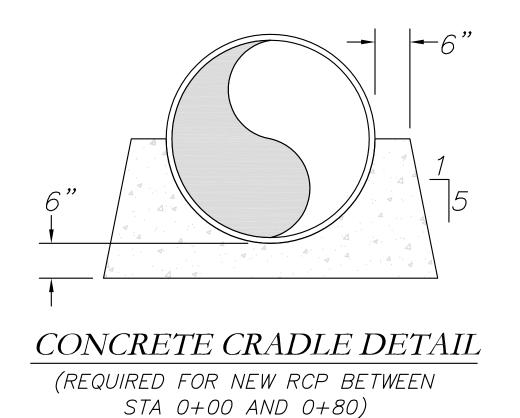
CATEGORY I UPGRADES TO PENDLETON LAKE DAM FOR TOWN OF TYRONE, GEORGIA

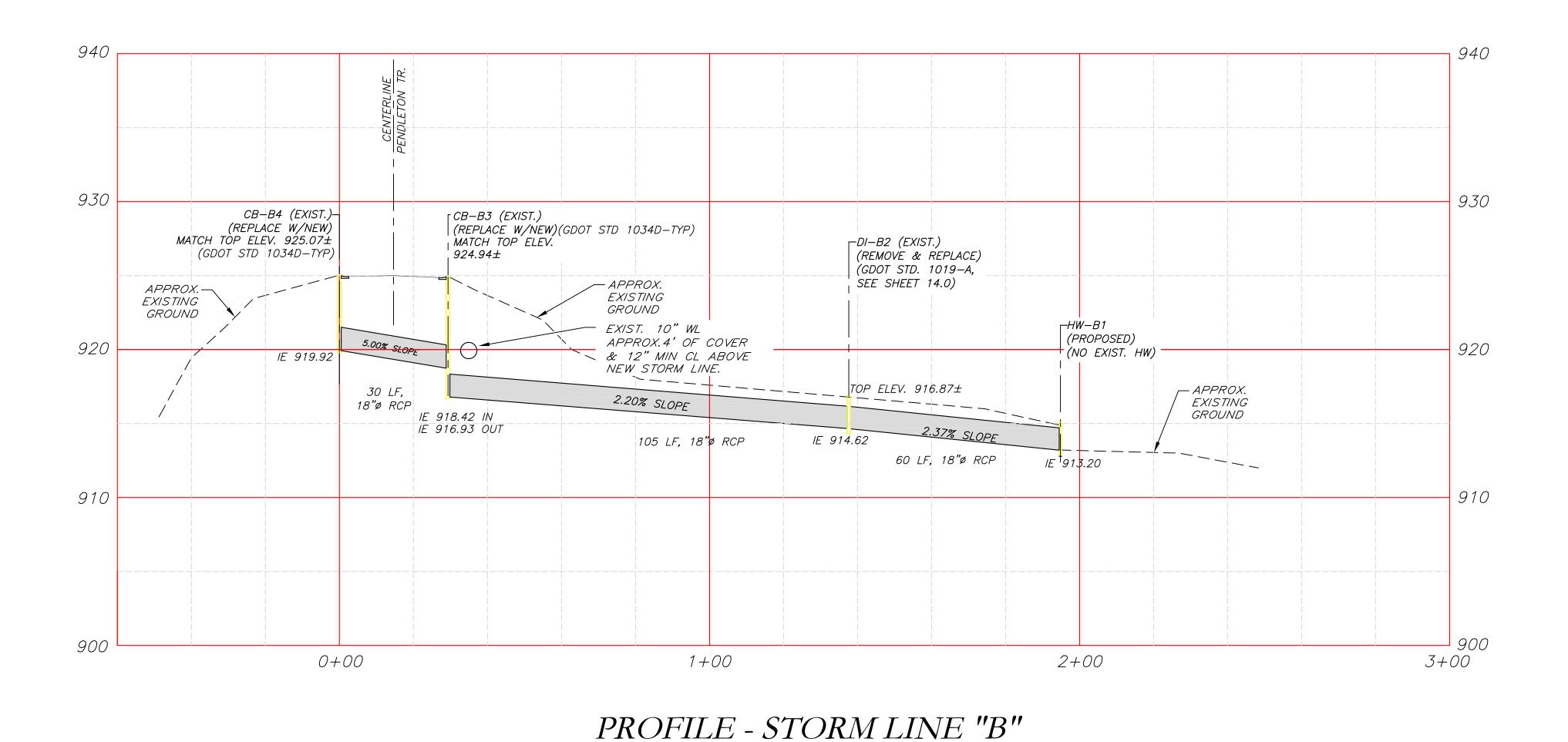
STORMLINE "A" PROFILE





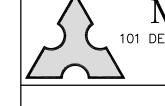
					LAND LOT - 108	DESIGN MCI	SCALE H: 1"=20' V: 1"=5'
4	2/13/25	PER SDP REVIEW	DWJ	DWJ	DISTRICT - 7th	DRAWN	DATE
<u>\$</u>	5/10/24	PER SDP REVIEW	DWJ	DWJ	SECTION _	JLP, DWJ	10/21/19
À	7/10/23	PER SDP REVIEW	DWJ	DWJ	CITY - TYRONE	CHECK	FILE NO.
Â	1/15/21	PER SDP REVIEW	JLP	DWJ	COUNTY - FAYETTE	DWJ ADDROVED	18101-24C
REV. No.	DATE	DESCRIPTION	BY	APP'D	STATE – GEORGIA	APPROVED DWJ	SHEET NO. 12.3





NOTES:

- 1. EXISTING 18" CMP STORM DRAIN SHALL BE REMOVED AND REPLACED WITH NEW 18" RCP STORM DRAIN. EXISTING CATCH BASINS (CB-B3 AND CB-B4) SHALL BE REPLACE W/NEW.
- 2. EXISTING ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY PRIOR TO ORDERING MATERIALS AND SHALL NOTIFY ENGINEER REGARDING ANY CONFLICTS OR IRREGULARITIES.
- 3. DISTURBED GRASS AREA SHALL BE RE-SODDED TO MATCH SURROUNDING SOD.



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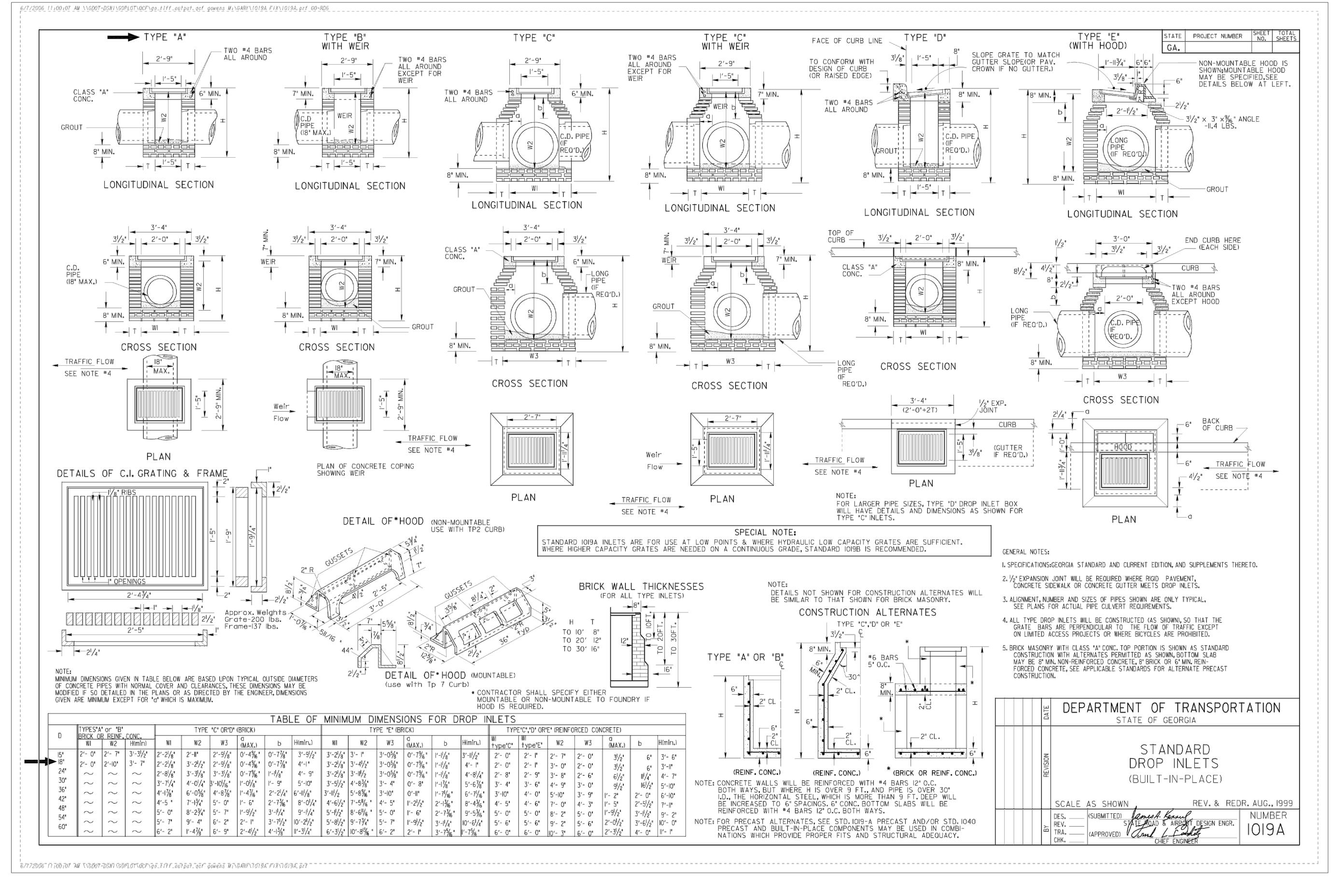
CATEGORY I UPGRADES TO PENDLETON LAKE DAM FOR TOWN OF TYRONE, GEORGIA

PROFILE - STORMLINE "B"





				LAND LOT- 108	DESIGN MCI	SCALE H: 1"=20' V: 1"=5'
6/09/25	PER SDP REVIEW	DWJ	DWJ	DISTRICT - 7th		DATE
2/13/25	PER SDP REVIEW	DWJ	DWJ	SECTION _	JLP, DWJ	10/21/19
7/10/23	PER SDP REVIEW	DWJ	DWJ	CITY - TYRONE	CHECK	FILE NO. 18101–24C
1/15/21	PER SDP REVIEW	JLP	DWJ	COUNTY - FAYETTE		SHEET NO. 4 7 0
DATE	DESCRIPTION	BY	APP'D	STATE – GEORGIA	DWJ	13.0
	2/13/25 7/10/23 1/15/21	2/13/25 PER SDP REVIEW 7/10/23 PER SDP REVIEW 1/15/21 PER SDP REVIEW	2/13/25 PER SDP REVIEW DWJ 7/10/23 PER SDP REVIEW DWJ 1/15/21 PER SDP REVIEW JLP	2/13/25 PER SDP REVIEW DWJ DWJ 7/10/23 PER SDP REVIEW DWJ DWJ 1/15/21 PER SDP REVIEW JLP DWJ	6/09/25 PER SDP REVIEW DWJ DWJ DISTRICT - 7th 2/13/25 PER SDP REVIEW DWJ DWJ SECTION - 7/10/23 PER SDP REVIEW DWJ DWJ CITY - TYRONE 1/15/21 PER SDP REVIEW JLP DWJ COUNTY - FAYETTE	6/09/25 PER SDP REVIEW DWJ DWJ DISTRICT - 7th DRAWN 2/13/25 PER SDP REVIEW DWJ DWJ SECTION - T/10/23 PER SDP REVIEW DWJ DWJ CITY - TYRONE CHECK DWJ 1/15/21 PER SDP REVIEW DWJ COUNTY - FAYETTE APPROVED



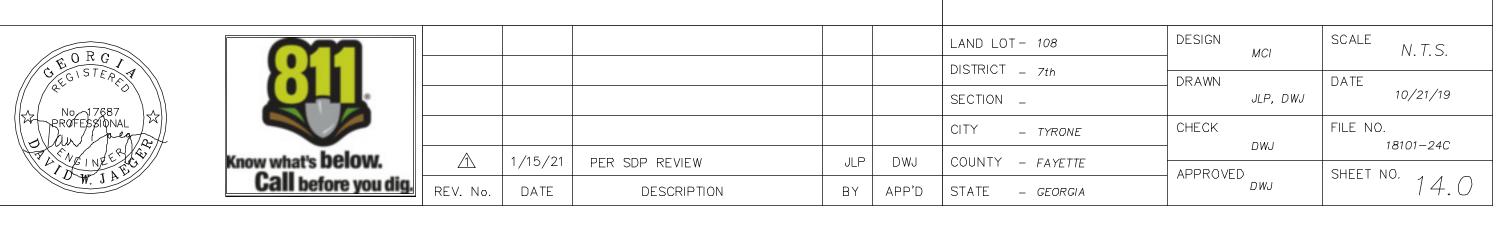


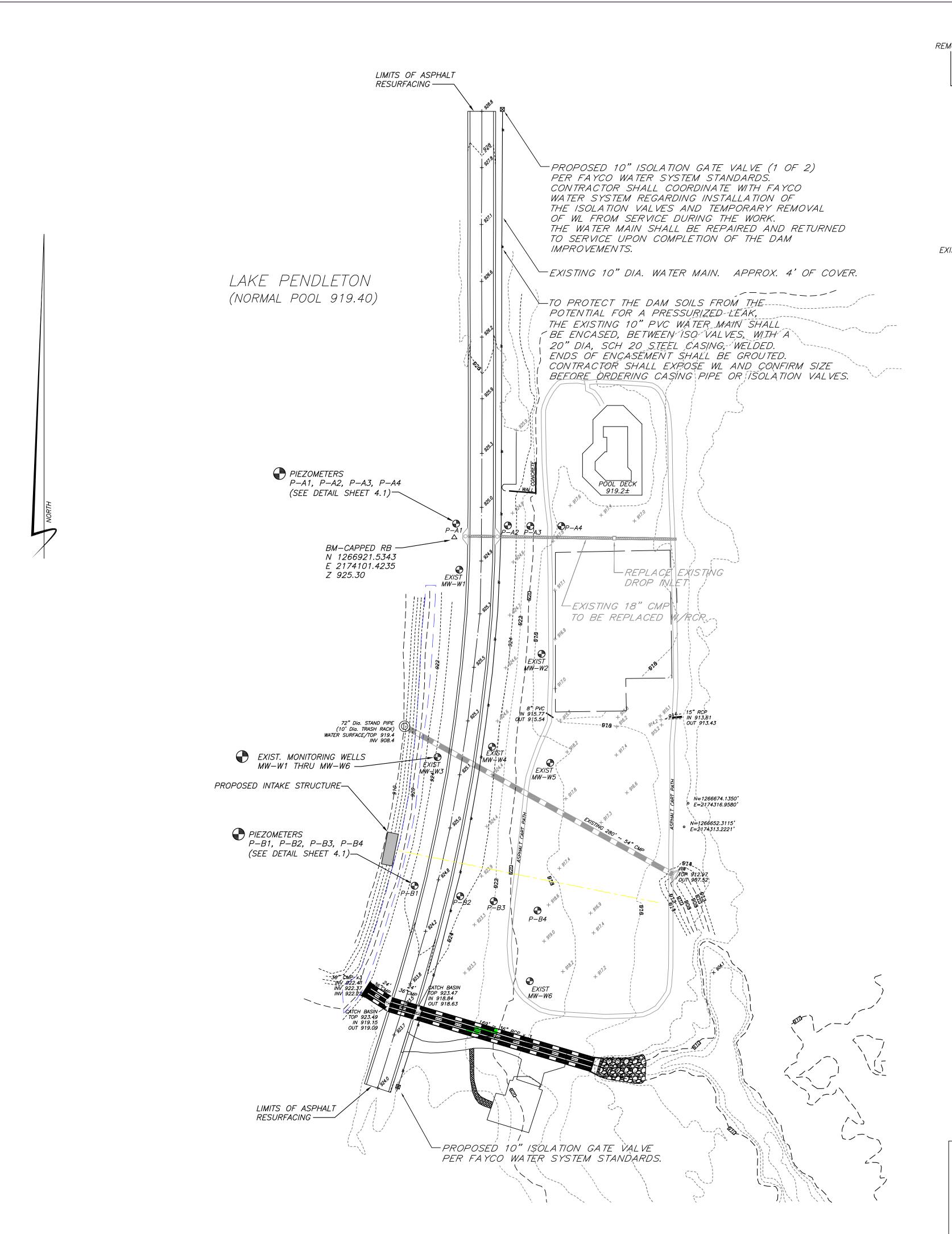
Mallett Consulting, Inc.

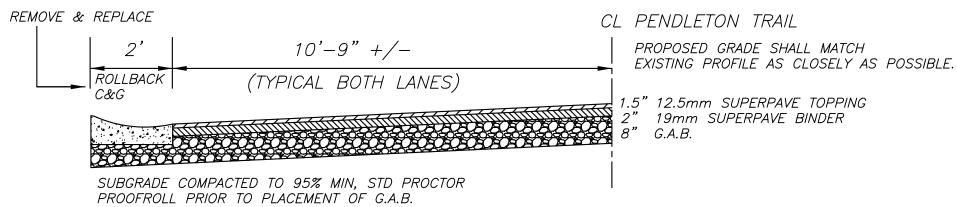
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PHONE: 770-719-3333
FAX: 770-719-3377

CATEGORY I UPGRADES TO PENDLETON LAKE DAM FOR TOWN OF TYRONE, GEORGIA

DROP INLET DETAILS

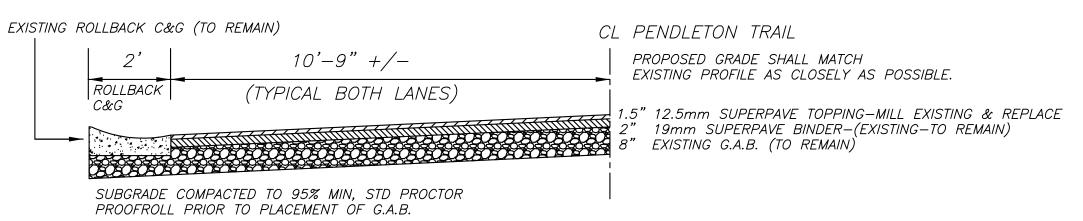






TYPICAL PAVEMENT SECTION - FULL DEPTH

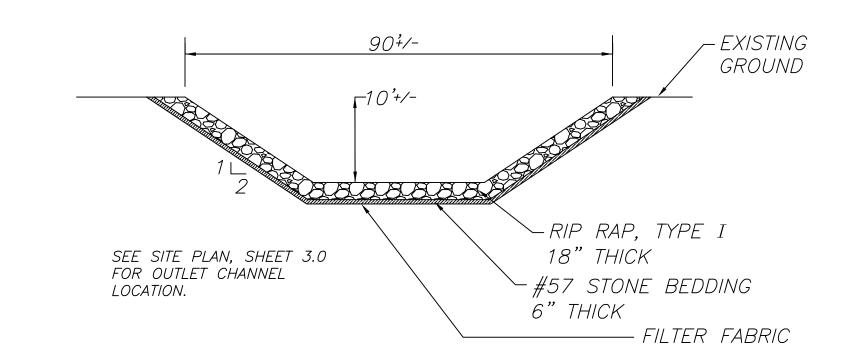
NOT TO SCALE



VICINITY MAP

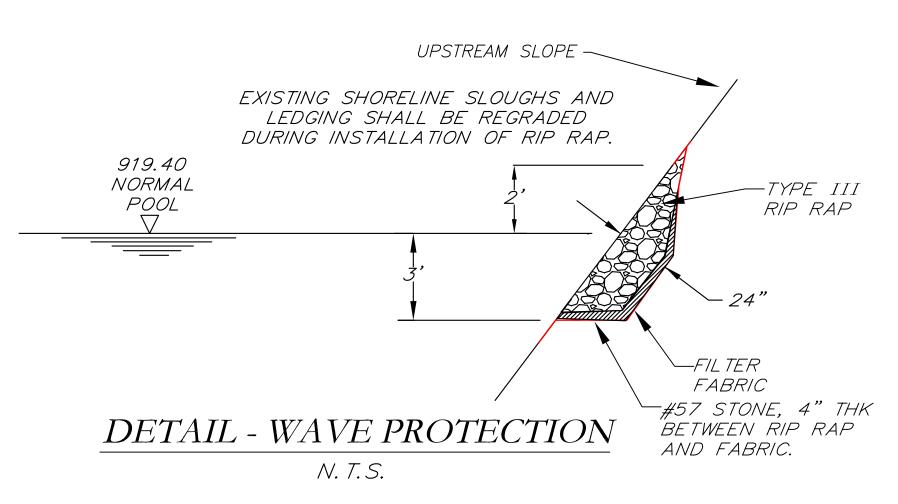
TYPICAL PAVEMENT SECTION -MILL & RESURFACE

NOT TO SCALE



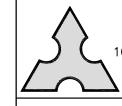
TYPICAL SECTION AT OUTLET CHANNEL

NOT TO SCALE

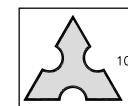


PAVING NOTES:

- 1. WITHIN LIMITS OF EXCAVATION FOR NEW WORK, ROADWAY SHALL BE REPAIRED AS SHOWN IN THE TYPICAL PAVEMENT SECTION, "FULL DEPTH"
- LIMITS SHALL HAVE THE EXISTING ASPHALT TOPPING MILLED AND REPLACED PER THIS TYPICAL PAVEMENT SECTION, "MILL AND RESURFACE", TO THE LIMITS SHOWN FOR ASPHALT RESURFACING.



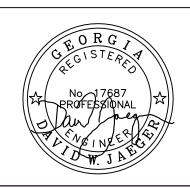
2. ROADWAY OUTSIDE OF EXCAVATION



Mallett Consulting, Inc. PHONE: 770-719-3333 FAX: 770-719-3377

CATEGORY I UPGRADES TO PENDLETON LAKE DAM FOR TOWN OF TYRONE, GEORGIA

UTILITY PLAN, PAVING PLAN & CONSTRUCTION DETAILS





					LAND LOT - 108	DESIGN MCI	SCALE 1"=50'
	2-13-25	PER SDP REVIEW	DWJ	DWJ	DISTRICT _ 7th	DRAWN	DATE
7	5-10-24	PER SDP REVIEW	DWJ	DWJ	SECTION _	JTB, DWJ	10/21/19
7	7-10-23	PER SDP REVIEW	DWJ	DWJ	CITY – TYRONE	CHECK	FILE NO.
ì\	1/15/21	PER SDP REVIEW	JLP	DWJ	COUNTY - FAYETTE	APPROVED	18101-24C SHEET NO. 4 F
No.	DATE	DESCRIPTION	BY	APP'D	STATE – GEORGIA	DWJ	15.0

