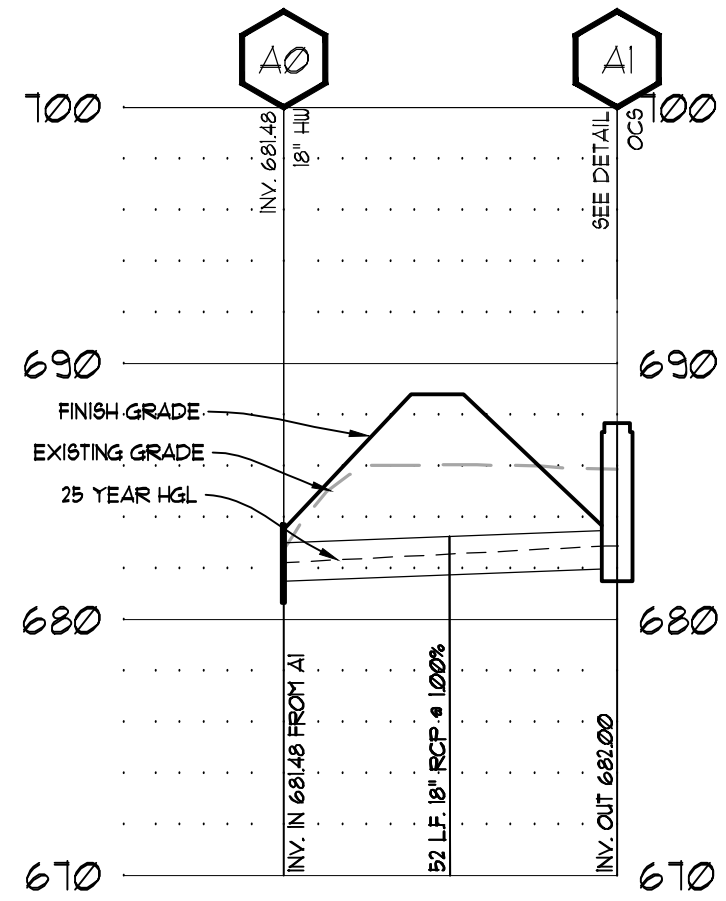
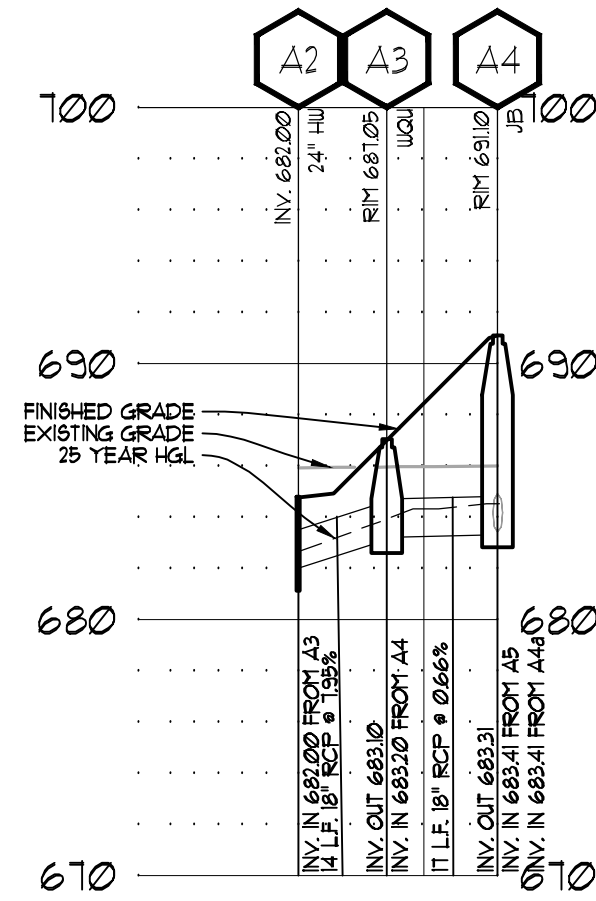
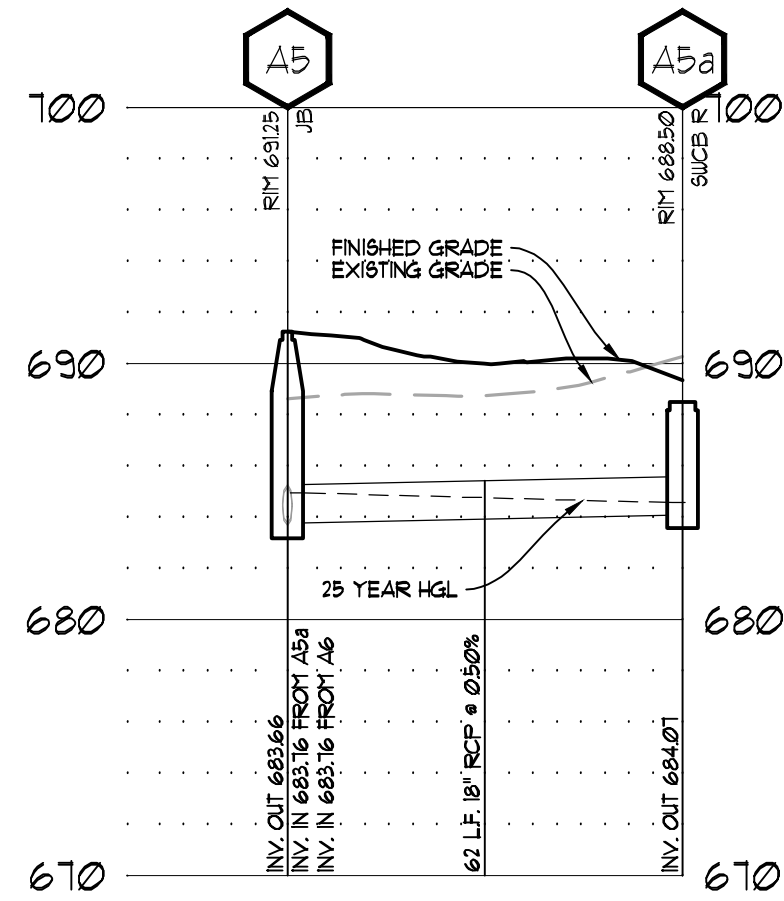




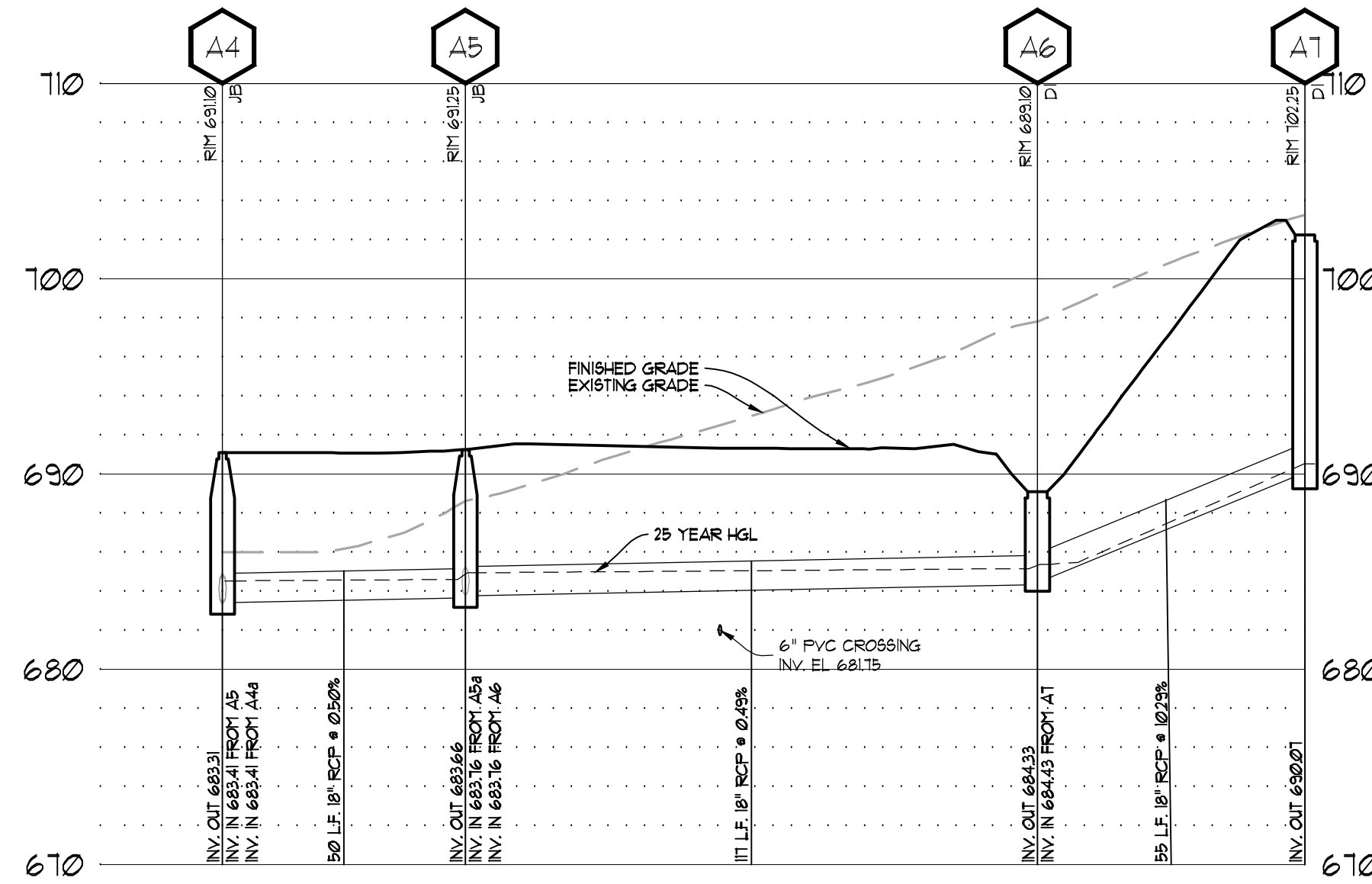
A0-A1 STORM PROFILE



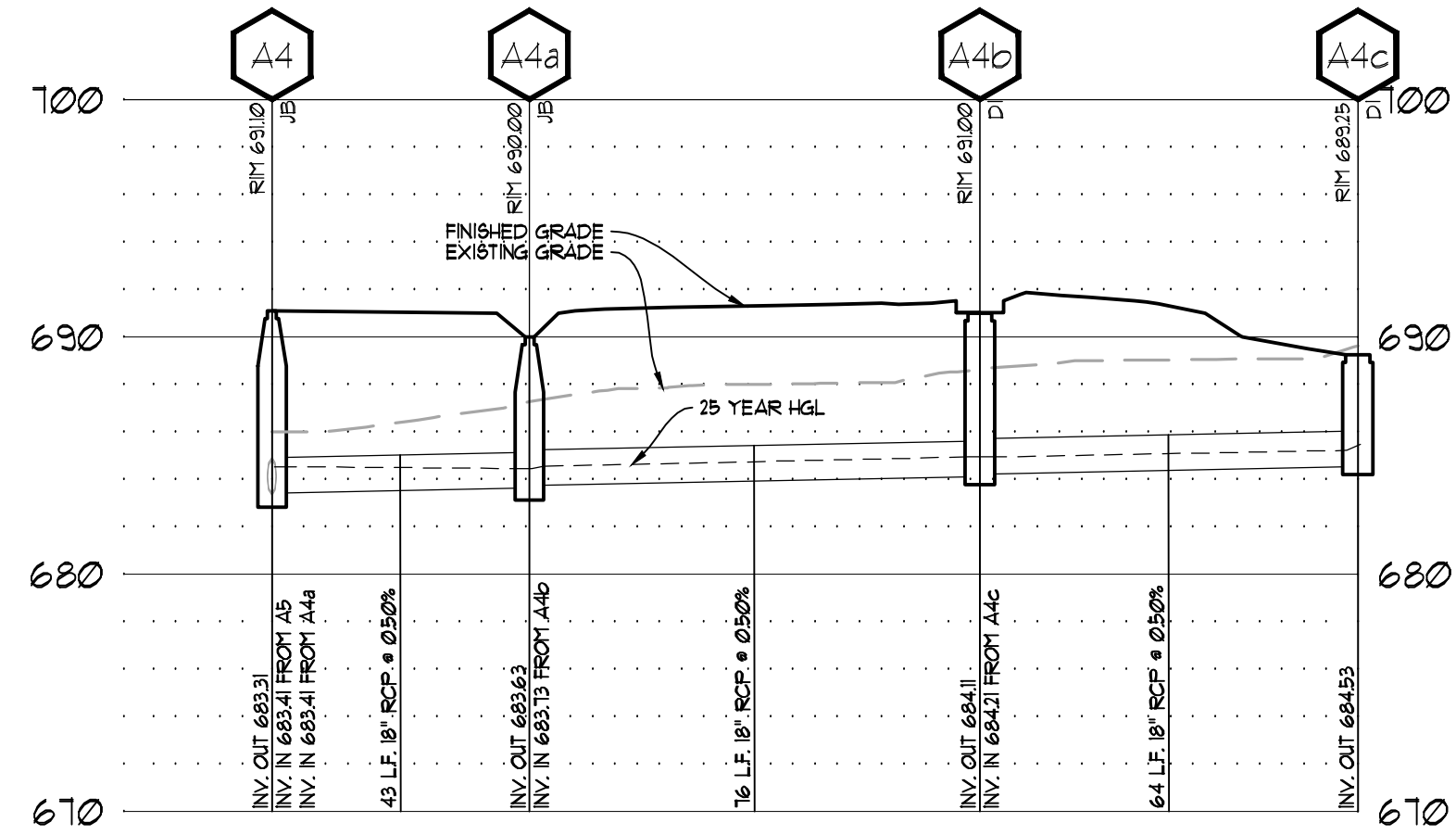
A2-A4 STORM PROFILE



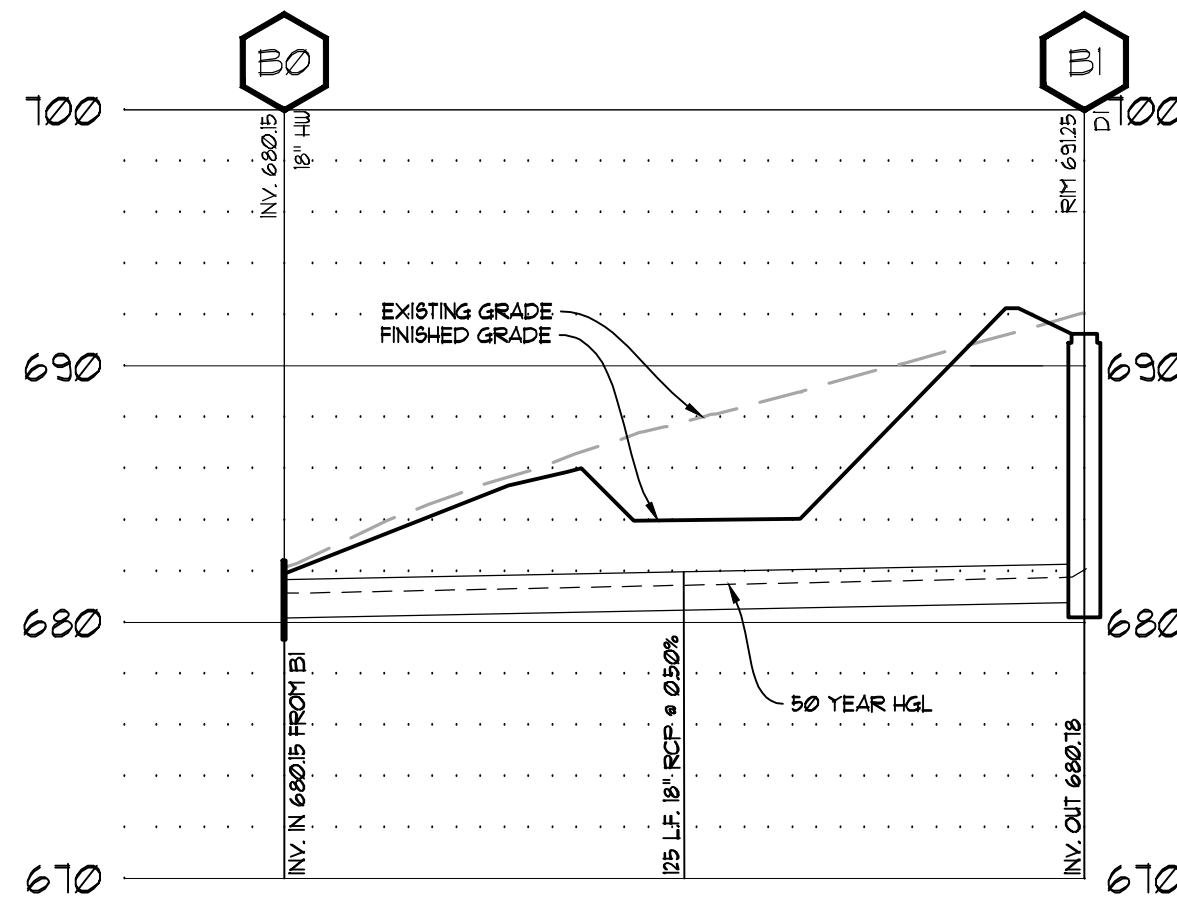
A5-A5a STORM PROFILE



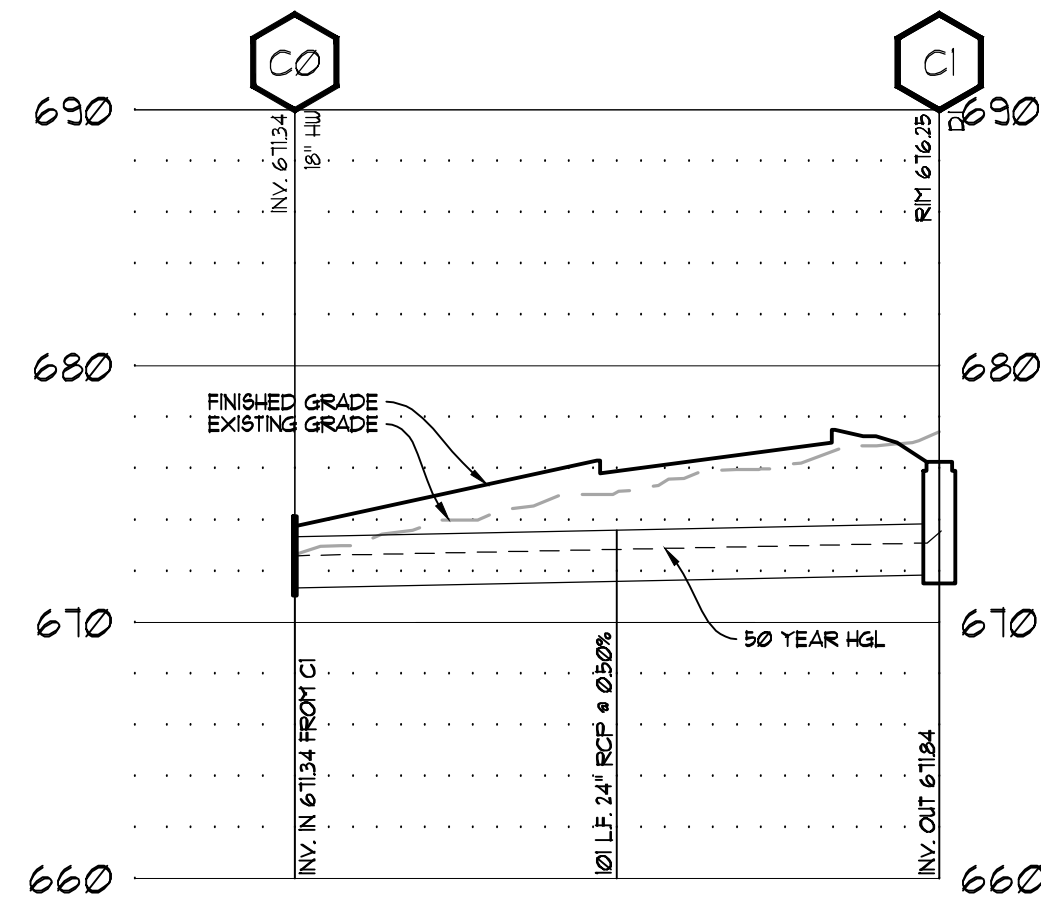
A4-A7 STORM PROFILE



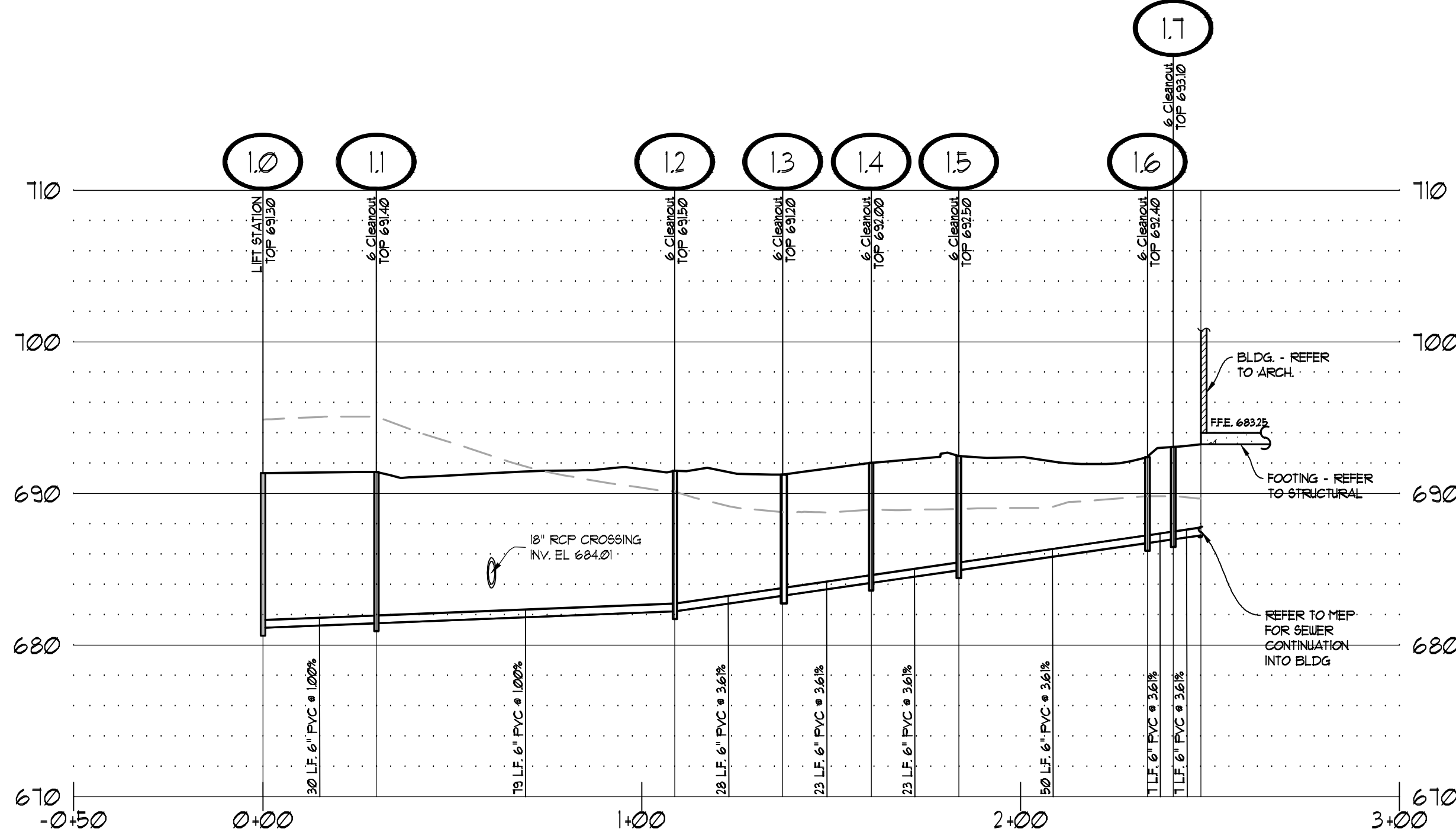
A4-A4c STORM PROFILE



B0-B1 STORM PROFILE



C0-C1 STORM PROFILE



MAIN SSWR LINE SANITARY PROFILE

BREEDLOVE LAND PLANNING, INC. PIPECHART							PROJECT: OCONEE CO. FACILITY MAINTENANCE & EMS											
25 YEAR STORM EVENT							PROJECT LOCATION: OCONEE COUNTY, GA											
	Upstream Structure	Downstream Structure	Drainage Area	c-factor	Inlet Time	Q	Total Q	Capacity	Pipe Size	Slope	n-value	Velocity	Depth	Inv. Up	Inv. Dn	HGL Up	HGL Dn	
			(ac)	(C)	(min)	(cfs)	(cfs)	(cfs)	(in)	(%)		(ft/s)	(ft)	(ft)	(ft)	(ft)	(ft)	
	A1	A0		JB - No inflow		5.12	5.12	10.49	18	1.00	0.013	5.36	0.74	682.00	681.48	682.87	682.22	
	A3	A2		JB - No inflow		0.00	9.57	29.61	18	7.95	0.013	10.64	0.59	683.10	682.00	684.29	682.59	
	A4	A3		JB - No inflow		0.00	9.59	8.75	18	0.89	0.013	5.43	1.50	683.32	683.20	684.82	684.70	
	A4a	A4		JB - No inflow		0.00	4.40	7.47	18	0.51	0.013	2.49	1.50	683.63	683.41	685.35	685.28	
	A4b	A4a	0.20	0.91	5.00	1.50	4.48	7.43	18	0.50	0.013	2.54	1.50	684.11	683.73	685.59	685.45	
	A4c	A4b	0.55	0.88	5.00	3.08	3.08	7.44	18	0.50	0.013	1.99	1.40	684.53	684.21	685.65	685.61	
	A5	A4		JB - No inflow		0.00	5.42	7.44	18	0.50	0.013	3.07	1.50	683.66	683.41	685.41	685.28	
	A6a	A5	0.33	0.59	5.00	1.61	1.61	7.44	18	0.50	0.013	0.91	1.50	684.07	683.76	685.67	685.55	
	A6	A5	0.90	0.39	5.00	2.89	4.05	7.32	18	0.49	0.013	2.33	1.50	684.33	683.78	685.71	685.55	
	A7	A6	0.81	0.20	5.00	1.34	1.34	33.70	18	10.30	0.013	1.98	1.36	690.07	684.43	690.50	685.78	

BREEDLOVE LAND PLANNING, INC. PIPECHART							PROJECT: OCONEE CO. FACILITY MAINTENANCE & EMS											
50 YEAR STORM EVENT							PROJECT LOCATION: OCONEE COUNTY, GA											
	Upstream Structure	Downstream Structure	Drainage Area	c-factor	Inlet Time	Q	Total Q	Capacity	Pipe Size	Slope	n-value	Velocity	Depth	Inv. Up	Inv. Dn	HGL Up	HGL Dn	
			(ac)	(C)	(min)	(cfs)	(cfs)	(cfs)	(in)	(%)		(ft/s)	(ft)	(ft)	(ft)	(ft)	(ft)	
B	B1	B0		Flow taken from Hydraulflow		5.6	5.6	7.45	18	0.50	0.013	4.63	0.97	680.78	680.15	681.75	681.12	
C	C1	C0		Flow taken from Hydraulflow		11.43	11.43	15.94	24	0.50	0.013	5.52	1.25	671.84	671.34	673.09	672.59	

PIPE PROFILE LEGEND

EXISTING GRADE
PROPOSED GRADE
RCP
DIP
HDPE
AST-50
PVC
HJ
SUCB
CUB
CUBA
RES
SES
INV.
HGL

DUCTILE IRON PIPE (CLASS IV)
HIGH-DENSITY POLYETHYLENE PIPE
ALUMINIZED STEEL TYPE 2
POLYETHYLENE GLASS REINFORCED PIPE (SCHEDULE 40)
HEADWALL
DROP INLET (PEDESTAL TOP)
JUNCTION BOX
SINGLE WING CATCH BASIN
DOUBLE WING CATCH BASIN
CATCH BASIN
BEE HIVE CATCH BASIN
CURB INLET (GA DOT STD.)
FLARED END SECTION
SAFETY END SECTION
INVERT ELEVATION
HYDRAULIC GRADE LINE

GRAPHIC SCALE & ORIENTATION

SCALE: 1"=30'-0" (HORIZONTAL)
VERTICAL EXAGGERATION: 4

UTILITY LOCATION NOTES

- CONTRACTOR SHALL BE RESPONSIBLE TO SECURE THE SERVICES OF A PRIVATE UTILITY LOCATOR FIRM DURING THE ENTIRE COURSE OF CONSTRUCTION. CONTRACTOR SHALL PUT FOR SAID SERVICES.
- CONTRACTOR SHALL IMMEDIATELY REPAIR ALL UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.
- THE UTILITIES SHOWN ARE SCHEMATIC AND FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE DESIGN PROFESSIONAL ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF UTILITIES WITHIN THE LIMITS OF THE WORK. DAMAGE TO EXISTING UTILITIES BY THE CONTRACTOR, FROM HIS/HER OPERATIONS SHALL BE IMMEDIATELY REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTION OF BACKFILL OF ALL UTILITY TRENCHES WITHIN SITE WORK LIMITS. THIS INCLUDES TRENCHES DUG AND BACKFILLED BY LOCAL UTILITIES, SUCH AS POWER, GAS, TELEPHONE, ETC. CONTRACTOR SHALL PROVIDE ADDITIONAL BACKFILL AND COMPACTION AS NECESSARY. IF SETTLEMENT OCCURS.

CALL BEFORE YOU DIG

GEORGIA811
www.Georgia811.com

GEORGIA LAW MANDATES THAT, BEFORE BEGINNING ANY MECHANIZED DIGGING OR EXCAVATION WORK, YOU MUST CONTACT GEORGIA 811 BY USING REQUEST ON WWW.GEORGIA811.COM OR BY CALLING 811 OR 1-800-281-7411 AT LEAST 48 HOURS BUT NO MORE THAN 10 WORKING DAYS IN ADVANCE TO HAVE UTILITY LINES MARKED.

DO NOT BREAK OR DUPLICATE

- DO NOT DUPLICATE DRAWINGS WITHOUT PERMISSION.
- READ THE SPECIFICATIONS. THIS SET OF DRAWINGS AND SPECIFICATIONS DEFINE PROJECT SCOPE AND CONTRACT REQUIREMENTS. INDIVIDUAL SHEETS SEPARATED FROM THE SET MAY NOT ADEQUATELY REFLECT ALL INFORMATION NEEDED TO SUITABLY COVER CERTAIN ITEMS. DO NOT SEPARATE THIS SET OF DRAWINGS INTO INDIVIDUAL SHEETS.

1020 OLD BISHOP ROAD, BISHOP GA 30621

Phone: 770-483-1173

Civil Engineers

Landscape Architects

OCONEE COUNTY
BOARD OF COMMISSIONERS

OCONEE COUNTY FACILITY
MAINTENANCE & EMS
7580 MACON HIGHWAY
WATKINSVILLE, GA 30677

REVISIONS		
No.	DATE	DESCRIPTION
1	06-03-26	SDP REVIEW
2	07-10-26	GSWCC RESUBMITTAL
3	07-30-26	OCWR RESUBMITTAL
4	08-14-26	OCWR RESUBMITTAL
5	08-14-26	GSWCC RESUBMITTAL
6	09-24-26	BID SET
7		
8		
9		
10		
11		
12		
13		
14		
15		

BLP, INC. PROJECT NO: 26034

DATE: 09-24-2026

DRAWING BY: ARP

CHECKED BY: GKC

PIPE PROFILES

SHEET TITLE

C320

SHEET #