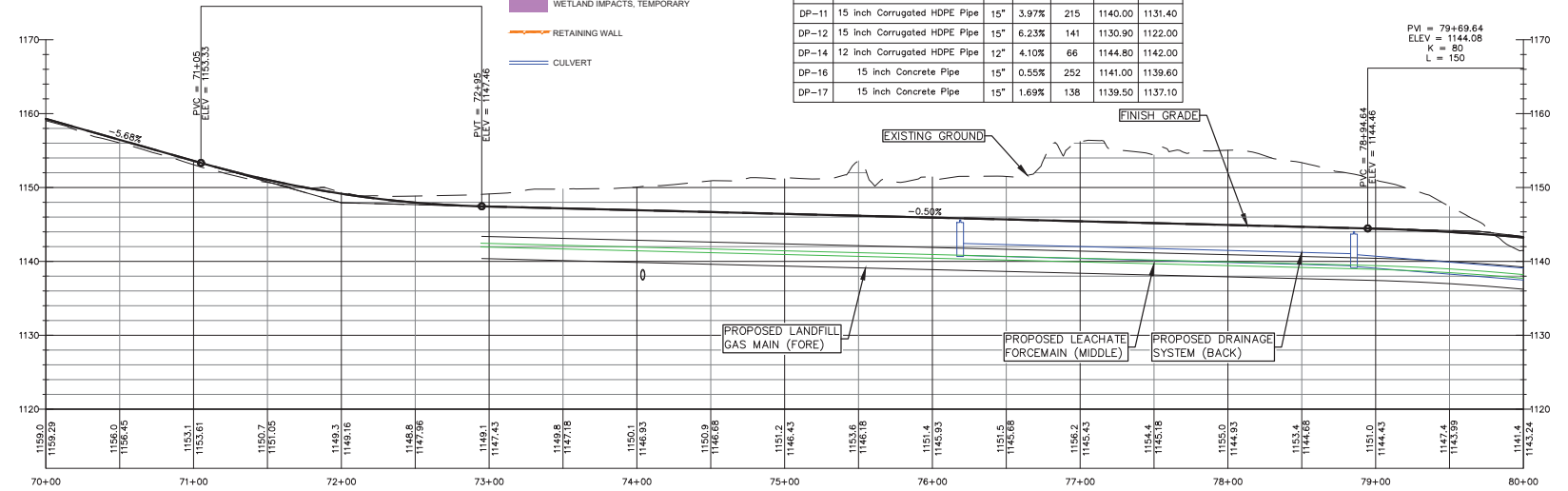


PVI = 72+00
ELEV = 1147.93
K = 37
L = 190

- LEGEND**
- WETLAND IMPACTS, PERMANENT
 - WETLAND IMPACTS, TEMPORARY
 - RETAINING WALL
 - CULVERT

DOUGLAS DRIVE PIPE TABLE						
PIPE NAME	TYPE	SIZE (IN)	SLOPE (%)	LENGTH (FT)*	START INVERT	END INVERT
DP-11	15 inch Corrugated HDPE Pipe	15"	3.97%	215	1140.00	1131.40
DP-12	15 inch Corrugated HDPE Pipe	15"	6.23%	141	1130.90	1122.00
DP-14	12 inch Corrugated HDPE Pipe	12"	4.10%	66	1144.80	1142.00
DP-16	15 inch Concrete Pipe	15"	0.55%	252	1141.00	1139.60
DP-17	15 inch Concrete Pipe	15"	1.69%	138	1139.50	1137.10

PVI = 79+69.64
ELEV = 1144.08
K = 80
L = 150



DATE	DESCRIPTION	BY

CMA ENGINEERS
CMA ENVIRONMENTAL/STRUCTURAL

Portsmouth, NH • Manchester, NH • Portland, ME
603.431.6186 • 603.662.7108 • 207.541.4225

cm.e.n.g.i.n.e.e.r.s.c.o.m



DATE	DESIGNED BY	CHECKED BY	APPROVED BY
October 2023	ATRM/AMST/ALS	AMST/AMST/ALS	AUS
PROJECT NO.	1101	DRAWN BY	AUS
SCALE: 1" = 20' (VERTICAL), 1" = 40' (HORIZONTAL)			

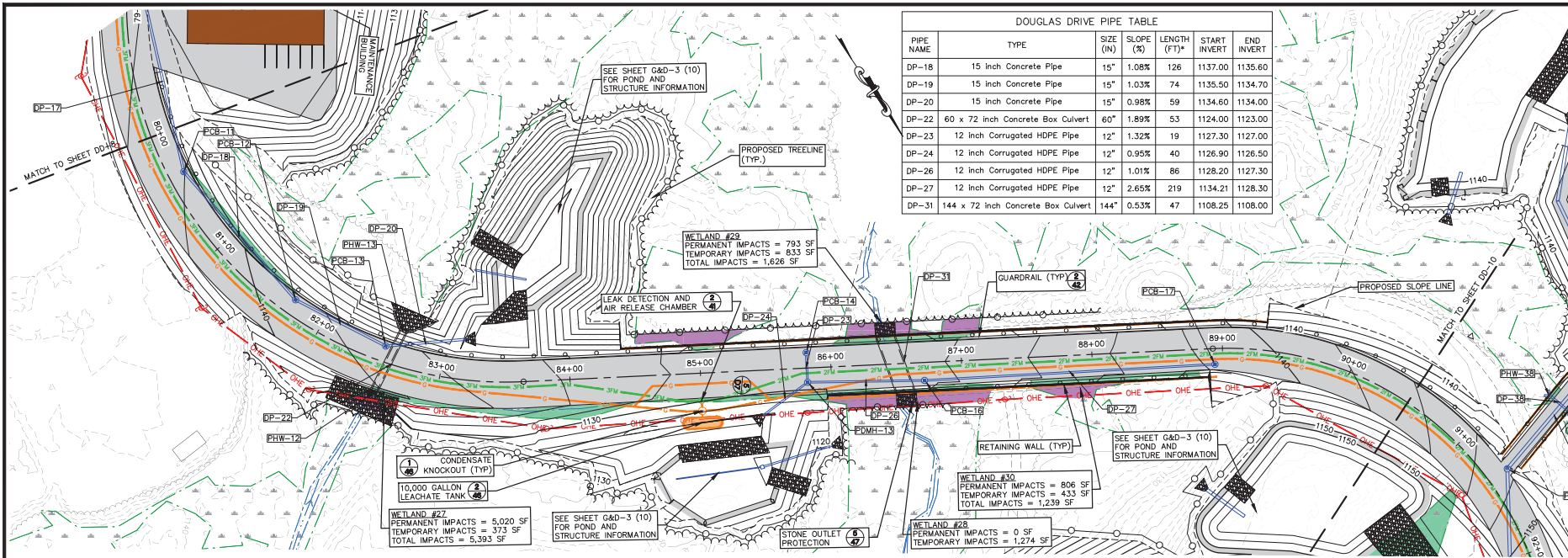
Granite State Landfill, LLC
Dalton, New Hampshire
Permitting Plan Set

Douglas Drive
Plan and Profile Sheet 7

drawing no.
DD-8

sheet: 29 of 50

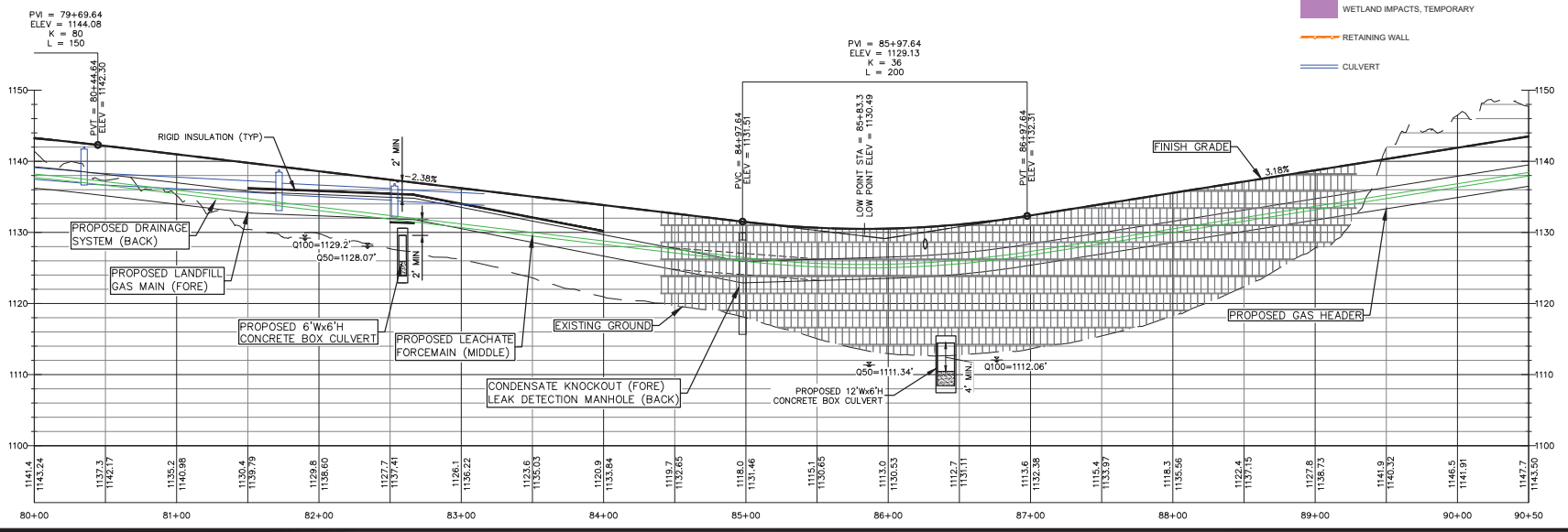
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DOUGLAS DRIVE PIPE TABLE						
PIPE NAME	TYPE	SIZE (IN)	SLOPE (%)	LENGTH (FT)*	START INVERT	END INVERT
DP-18	15 inch Concrete Pipe	15"	1.08%	126	1137.00	1135.60
DP-19	15 inch Concrete Pipe	15"	1.03%	74	1135.50	1134.70
DP-20	15 inch Concrete Pipe	15"	0.98%	59	1134.60	1134.00
DP-22	60 x 72 inch Concrete Box Culvert	60"	1.89%	53	1124.00	1123.00
DP-23	12 inch Corrugated HDPE Pipe	12"	1.32%	19	1127.30	1127.00
DP-24	12 inch Corrugated HDPE Pipe	12"	0.95%	40	1126.90	1126.50
DP-26	12 inch Corrugated HDPE Pipe	12"	1.01%	86	1128.20	1127.30
DP-27	12 inch Corrugated HDPE Pipe	12"	2.65%	219	1134.21	1128.30
DP-31	144 x 72 inch Concrete Box Culvert	144"	0.53%	47	1108.25	1108.00

LEGEND

- WETLAND IMPACTS, PERMANENT
- WETLAND IMPACTS, TEMPORARY
- RETAINING WALL
- CULVERT



drawing no. DD-9	
sheet: 30 of 50	date: 10/06/2023
designed by: AUS	checked by: AUS
drawn by: AUS	approved by: AUS
project no: 1101	scale: 1" = 40'
client: Granite State Landfill, LLC	location: Dalton, New Hampshire
Permitting Plan Set	
Douglas Drive Plan and Profile Sheet 8	
CMA ENGINEERS Civil/Environmental/Structural Portsmouth, NH • Manchester, NH • Portland, ME 603.431-6186 • 603.627-0108 • 207.541-4225 c.m.a.e.n.g.i.n.e.e.r.s.s.c.o.m	

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