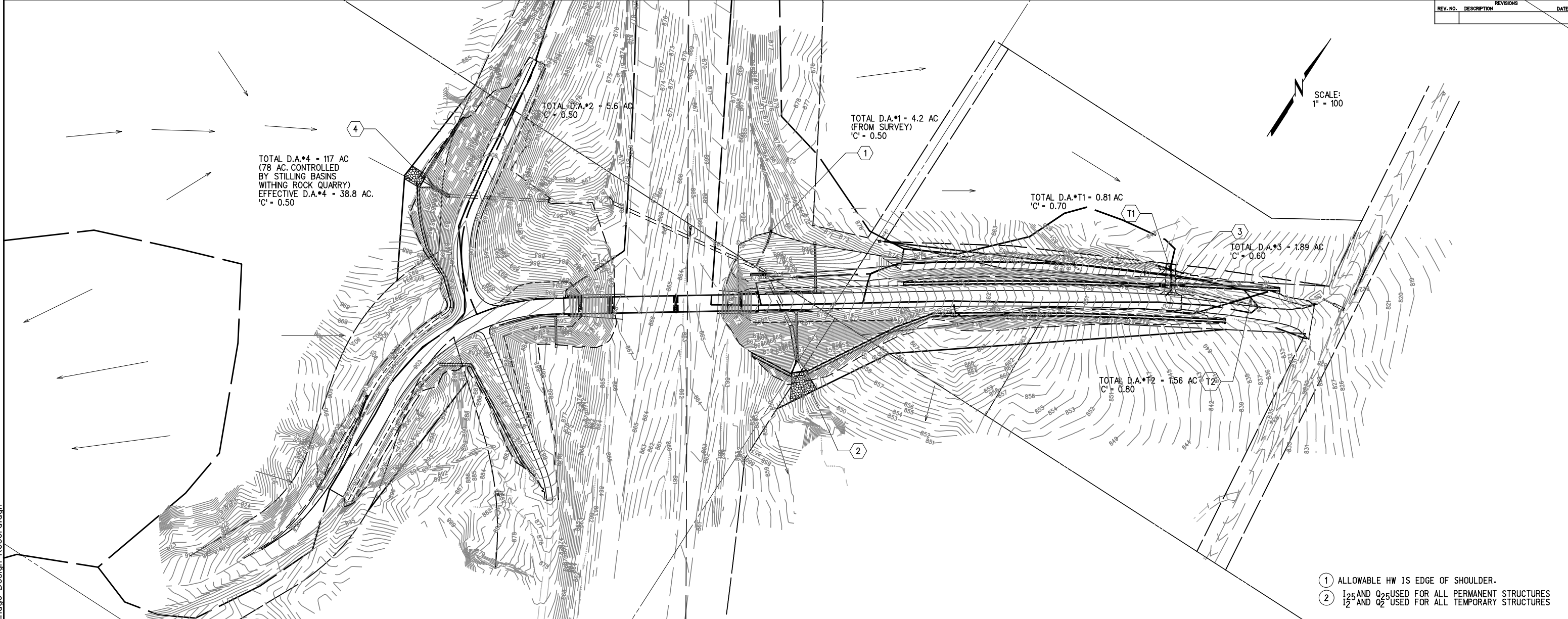


REV. NO.	DESCRIPTION	REVISIONS	DATE



- ① ALLOWABLE HW IS EDGE OF SHOULDER.
- ② I₂₅ AND Q₂₅ USED FOR ALL PERMANENT STRUCTURES
I₁₅ AND Q₂ USED FOR ALL TEMPORARY STRUCTURES

DRAINAGE DESIGN RECORD

STR. NUMBER	DESIGN YEAR	P&P SHEET	LOCATION DESCRIPTION	SIDEDRAIN OR CROSSDRAIN	DRAINAGE AREA	ANTICIPATED LAND USE	AVERAGE SLOPE OF WATERSHED	LENGTH OF OVERLAND FLOW	SLOPE OF OVERLAND	LENGTH OF CHANNEL FLOW	SLOPE OF CHANNEL	TIME OF CONCENTRATION "T _c "	DESIGN TAILWATER "T _w "	FLOW LINE INLET	FLOW LINE OUTLET	STRUCTURE SLOPE	RUNOFF COEFFICIENT WEIGHTED "C"	INTENSITY OF DESIGN YEAR "I"	DISCHARGE OF DESIGN YEAR "Q"	HEADWATER DEPTH	FLOW VELOCITY	INLET CONTROL HEADWATER	MAXIMUM ALLOWABLE HEADWATER
					ACRES		%	FT.	%	FT.	%	MIN.	FT.	ELEV.	ELEV.	%		IN./HR.	C.F.S.	FT.	FT./SEC.	ELEV.	ELEV.
T1	2	31	STA. 36+98.9; 30.22 LT CL DET 2 60 L.F. 18" CGSP	S	0.81	PASTURE/ROADSIDE	6.79	532	6.79	-	-	18.17	-	839.89	839.67	0.36%	0.70	5.43	3.08	0.97	3.57	840.86	845.0①
T2	2	31	STA. 38+64.6; 18.5' LT 24" CGSP DROP INLET W/ 79' L.F. 18 CGSP	C	1.56	ROADSIDE	6.17	594	6.17	-	-	19.29	-	835.12	832.00	0.48%	0.80	2.21	2.76	1.04	4.12	833.28	836.0①
1	25	16	STA. 28+35; 146' LT. STD. GPI TYPE 1 (DES. 2) W/ 24 L.F. 30" CGSP	S	4.20	ROADSIDE	3.37	244	4.52	480	2.21	17.09	-	856.98	853.37	1.40%	0.50	5.92	12.44	2.28	9.89	858.31	868.0①
2	25	16	STA. 28+71.80; 49.11' RT. EX. 6'X5' RCB 73' RT.	C	44.40	INDUSTRIAL/ROADSIDE	2.32	4362	2.32	-	-	44.41	-	845.81	842.30	4.80%	0.50	3.62	80.36	1.91	18.55	861.45	881.0①
3	25	16	STA. 36+61; 32' LT. 54 L.F. 18" CGSP	S	1.89	PASTURE/ROADSIDE	4.82	608	4.00	528	5.64	12.01	-	840.21	836.66	6.96%	0.60	6.80	7.71	1.50	15.68	842.62	845.0①
4	25	17	STA. 2865+27.9; 56.3' RT. C.R.L. PUBLIC RD #4 EX. 5'X4.25' RCB 38' LT.	C	38.80	INDUSTRIAL/ROADSIDE	2.26	3957	2.26	-	-	17.01	862.81	870.50	869.27	3.24%	0.50	5.94	115.24	1.88	18.04	874.75	902.0①
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DESIGN			DRAINAGE DESIGN RECORD
DRAWN			
CHECKED			
APPROVED			
SQUAD	G/K ENGR.		
JOB PIECE NO.		30363(04)	
SHEET NO.		10	

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