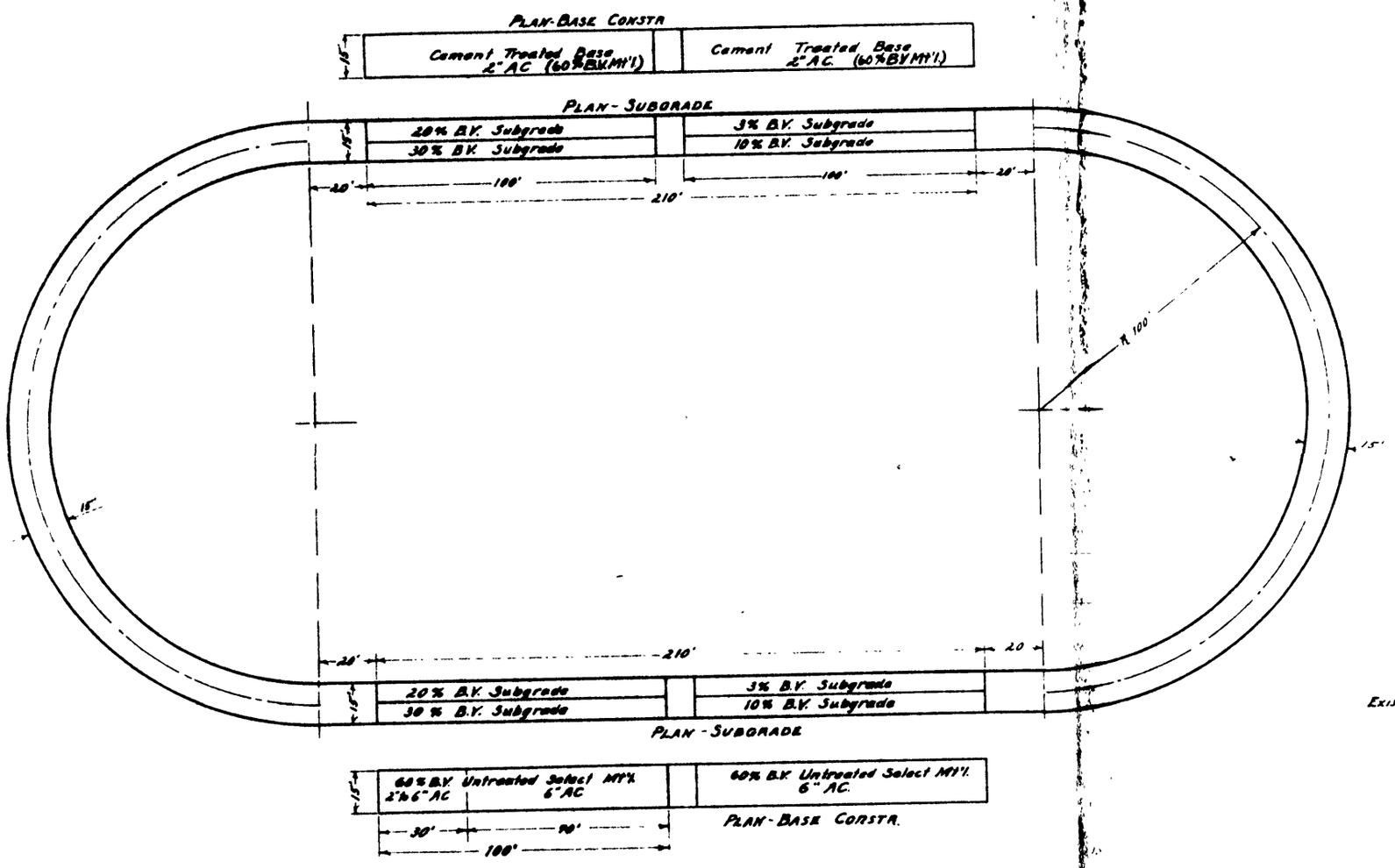
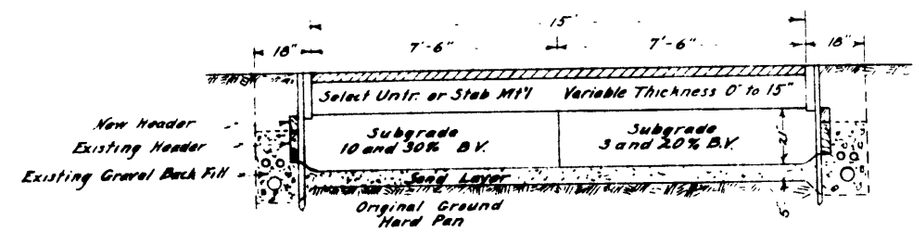
STATE OF CALIFORNIA
DIVISION OF HIGHWAYS
MATERIALS AND RESEARCH DEP'T.

BRIGHTON TEST TRACK

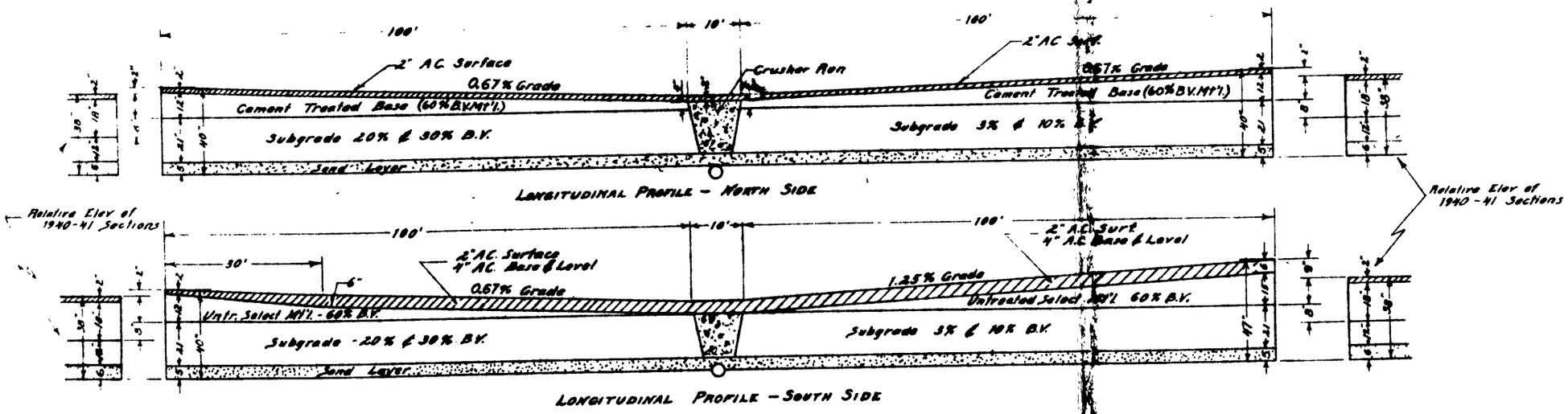
SECOND TEST SERIES - 1942-43





TYPICAL SECTION

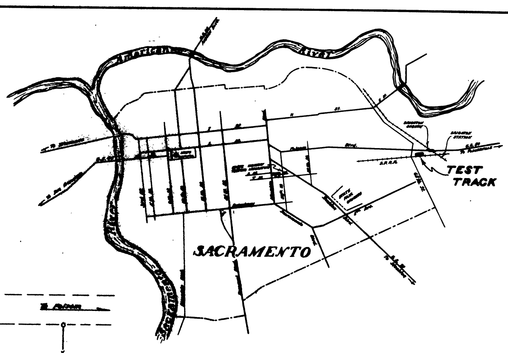
Existing Cement Treated Base and Plant Mix Surfacing on curves to remain undisturbed

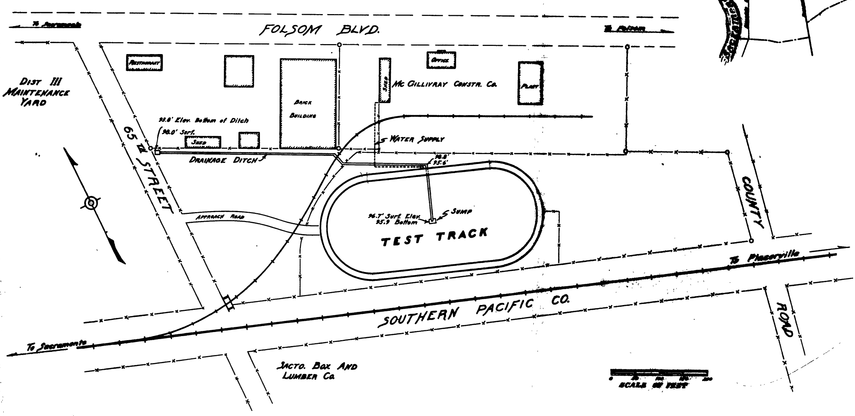


STATE OF CALIFORNIA
DIVISION OF HIGHWAYS
MATERIALS AND RESEARCH DEPARTMENT

BRIGHTON TEST TRACK

Sacramento
July 1940

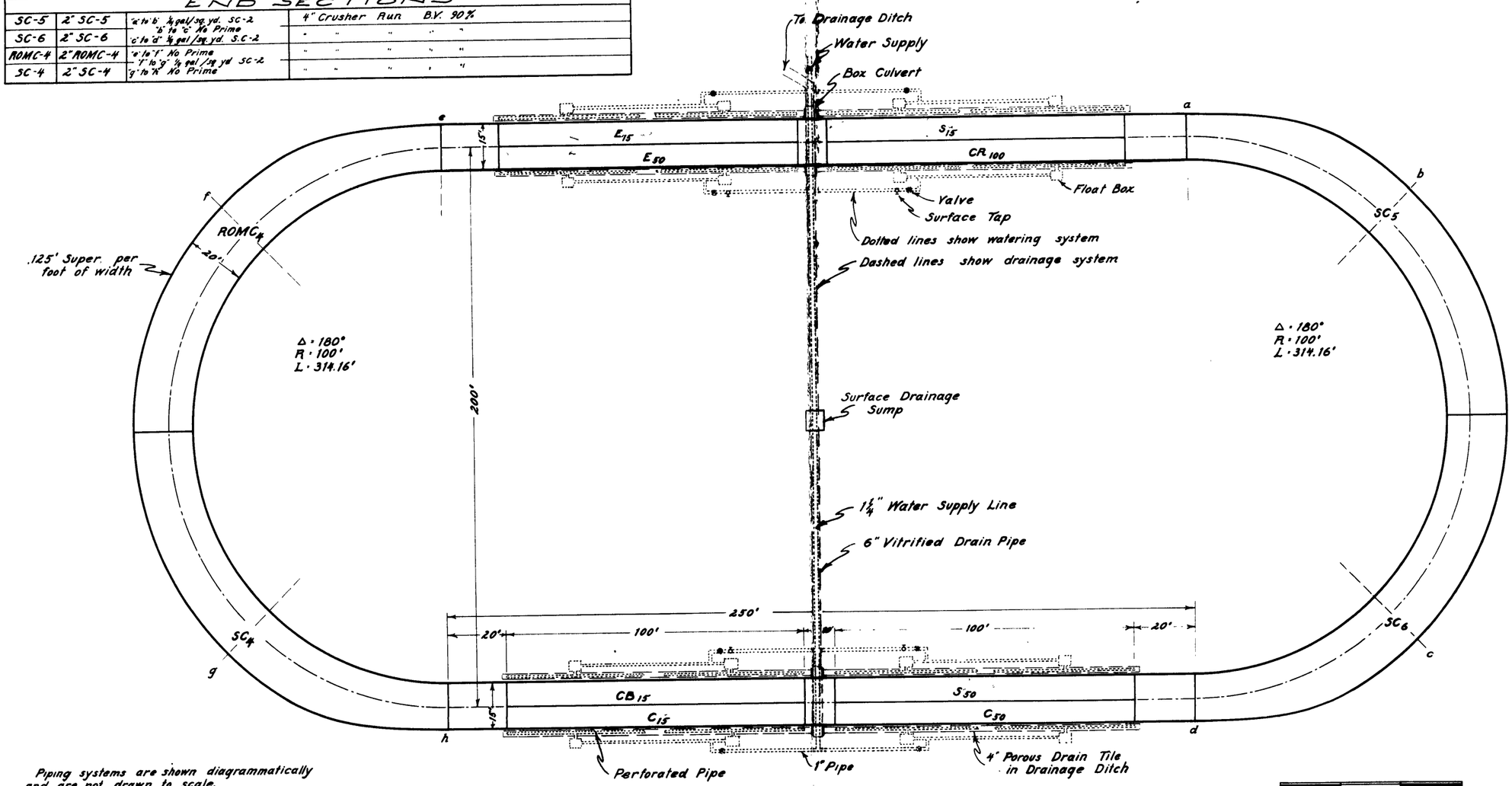




SHEET No. 1 OF 3 SHEETS

PLAN
BRIGHTON TEST TRACK
SHOWING
TEST SECTIONS
WATERING & DRAINAGE SYSTEM

Section	Surface	Prime Coat	Base
REGULAR TEST SECTIONS			
E_{15}	2" ROMC-4	None	15% B.V. Soil Stabilized with 5% Emulsion
E_{50}	"	None	50% B.V. Cemented Gravel Stabilized with 4.5% Emulsion
S_{15}	"	¼ gal/sq. yd. SC-2	15% B.V. Soil - Untreated
S_{50}	"	" " " " "	50% B.V. Cemented Gravel Untreated
C_{15}	"	½ gal/sq. yd Emulsion - Curing Coat	15% B.V. Soil Stabilized with 6% Portland Cement
C_{50}	"	" " " " " "	50% B.V. Cemented Gravel Stabilized with 6% Portland Cement
CB_{15}	"	¼ gal/sq. yd. SC-2	15% B.V. Soil Stabilized with 5% MC-2 & 5% H_2O
CR_{100}	"	¼ " " " "	100% B.V. Crusher Run
END SECTIONS			
SC-5	2" SC-5	'a' to 'b' ¼ gal/sq. yd. SC-2; 'b' to 'c' No Prime	4" Crusher Run B.V. 90%
SC-6	2" SC-6	'c' to 'd' ¼ gal/sq. yd. S.C-2	" " " " "
ROMC-4	2" ROMC-4	'e' to 'f' No Prime; 'f' to 'g' ¼ gal/sq yd SC-2	" " " " "
SC-4	2" SC-4	'g' to 'h' No Prime	" " " " "



Piping systems are shown diagrammatically and are not drawn to scale.

0 20 40 60
SCALE OF FEET

Total length of track = 1128.3'
Approx. 4.7 laps per mile.

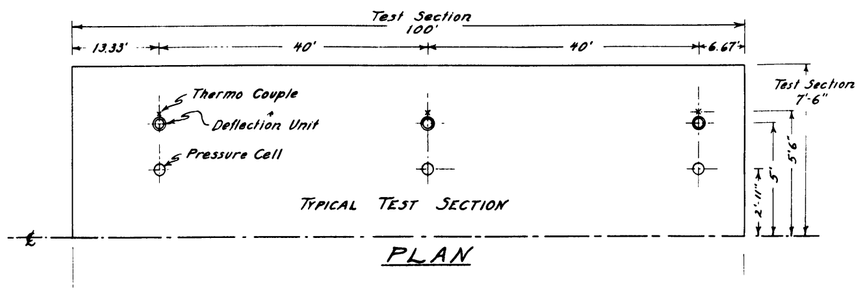
SHEET No. 2 OF 3 SHEETS

DETAILS
BRIGHTON TEST TRACK
SHOWING

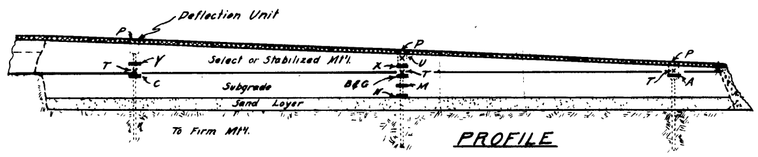
LONGITUDINAL AND TRANSVERSE SECTIONS
AND

PRESSURE TEMPERATURE & DEFLECTION UNITS

GAGE UNIT INSTALLATION



PLAN



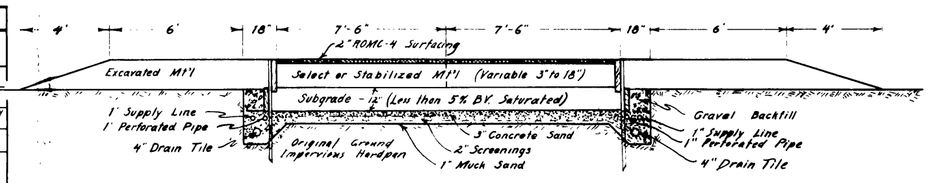
PROFILE

SCALE IN FEET

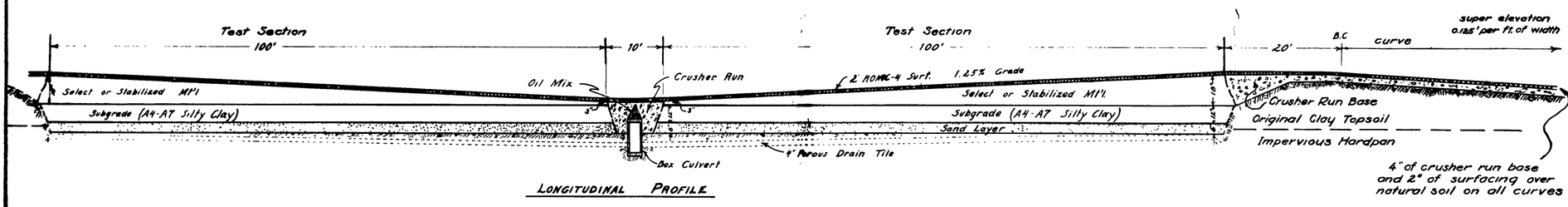
Sections & Profiles: 0 10 20 LONGITUDINAL; 0 1 2 3 4 5 6 VERTICAL

Plan: 0 5 10 20 LONGITUDINAL; 0 1 2 3 6 TRANSVERSE

IDENT.	SECTION	NO. UNITS	TYPE	
	PRESSURE CELLS			
A-B-C	All Test Sections	24 Cells	California	½" Below bottom of select or stabilized Mt'l
X-Y	E_{50} & S_{50}	4 "	"	6" Above bottom of select or stabilized Mt'l
M-N	S_{50}	2 "	"	M-4" Below bottom of select or stab Mt'l N-8"
G	E_{50}, S_{50}, C_{50}	3 "	Goldbeck	½" Below bottom of select or stabilized Mt'l.
	THERMO COUPLES			
T	E_{50}, S_{50}, C_{15}	9 Units		At base of treated Mt'l
U	C_{50}	1 "		At base of 2" surfacing
	DEFLECTION UNITS			
P	All Test Sections	24 Units		



CROSS SECTION



LONGITUDINAL PROFILE

SHEET No. 3 OF 3 SHEETS

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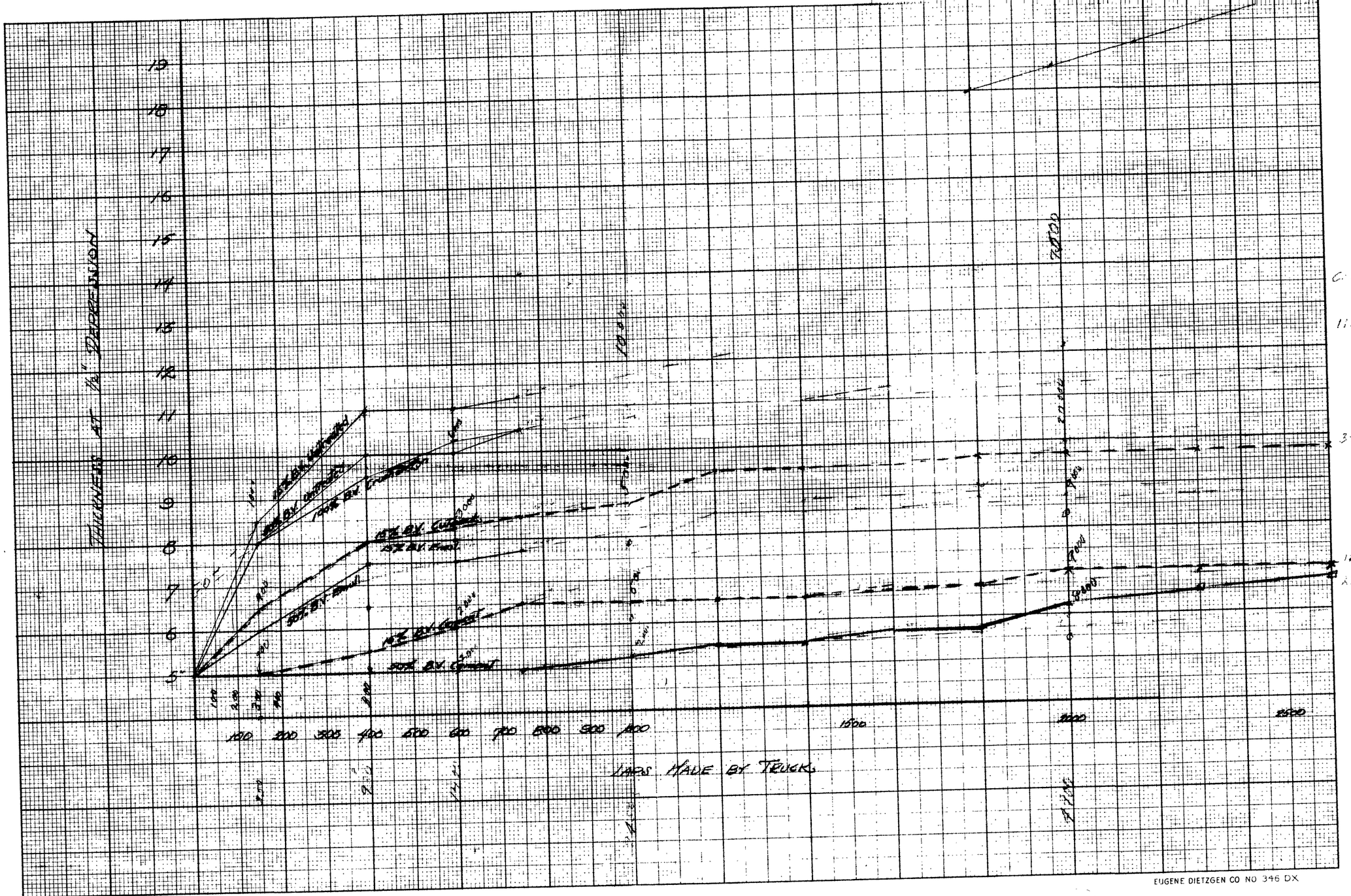

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