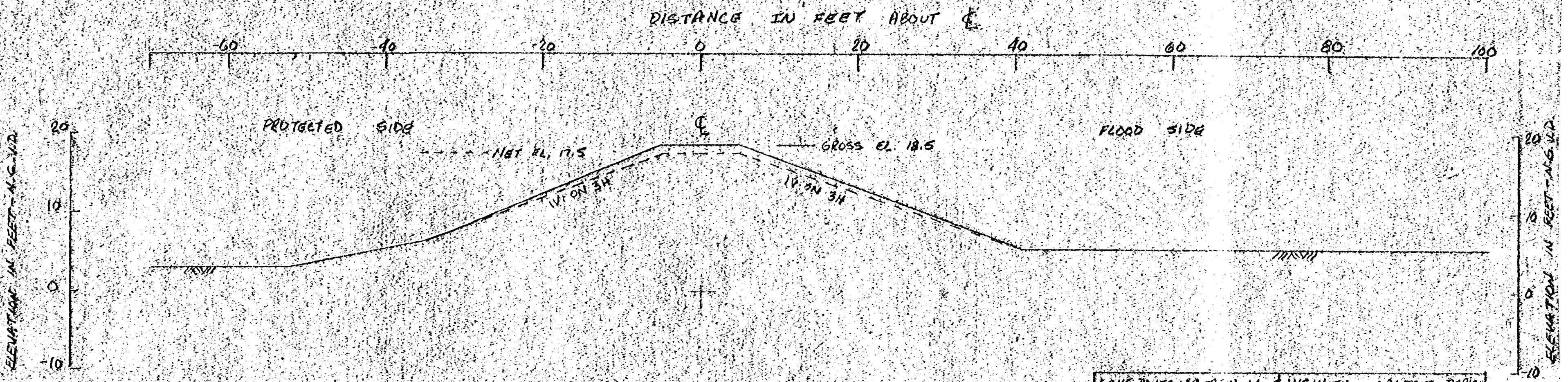


(A0007036)



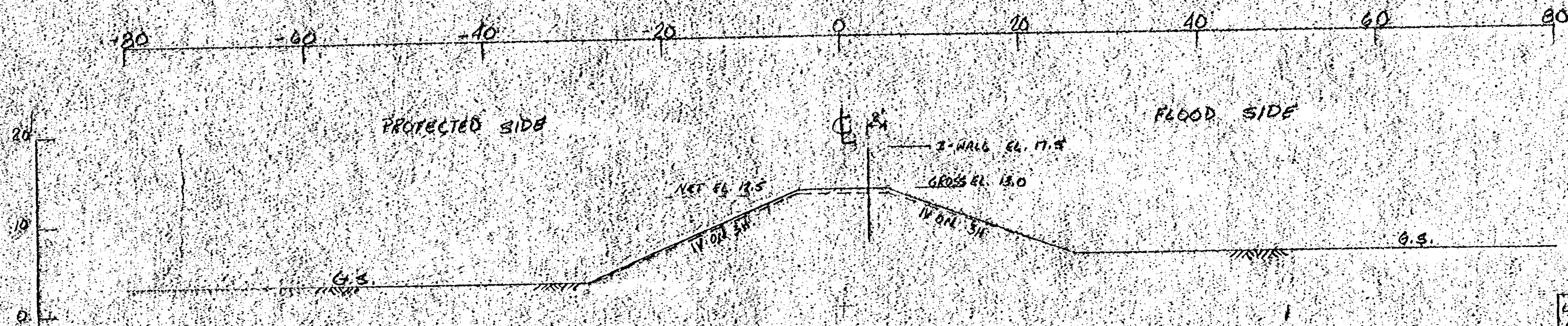
LAKE PONTCHARTRAIN, LA & VICINITY - ORLEANS PARISH
LAKEFRONT LEVEES - WEST I.H.N.C. TO
17th ST CANAL
STA. 192+41.52 TO 246+37.17 B/L LMNED-B

ADVANCE CO.
SUBJECT TO CORRECTION

Rec'd
2/17/84
JSA

ELEVATION IN FEET
N.G.M.D.

DISTANCE IN FEET ABOUT $\frac{1}{2}$ OF LEVEE

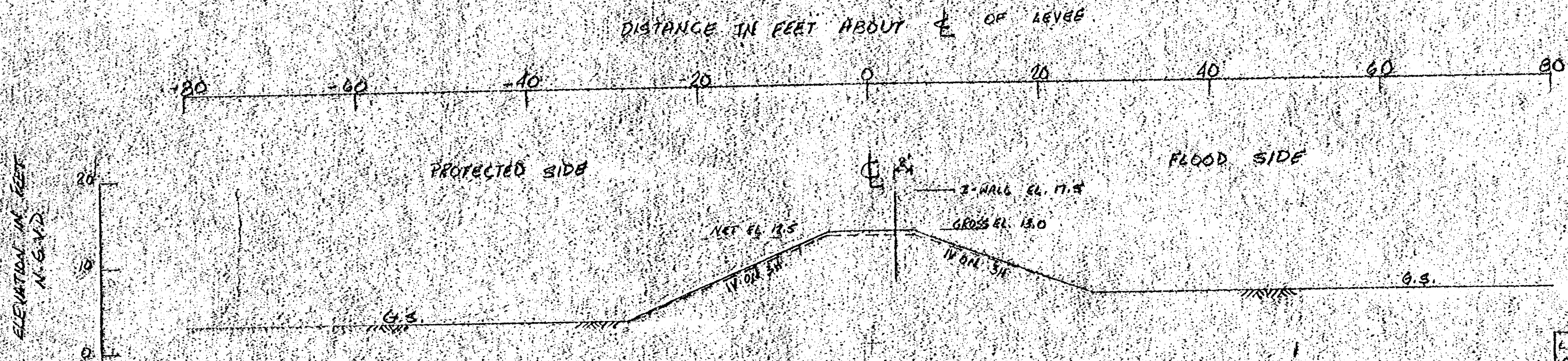


~~NOVA~~
SUBJECT TO COLLECTION

LAKE PONTCHARTRAIN, LA & VICINITY -
ORLEANS PARISH LAKEFRONT LEVES
WEST I.M.N.C. TO 17th ST CANAL
STA. 190 + 41.52 TO 216 + 37.17 B/L
LEVEE WITH I-WALL LWBQ-PS

NOTE: Tip Pile PENETRATION
will furnished on a later date.

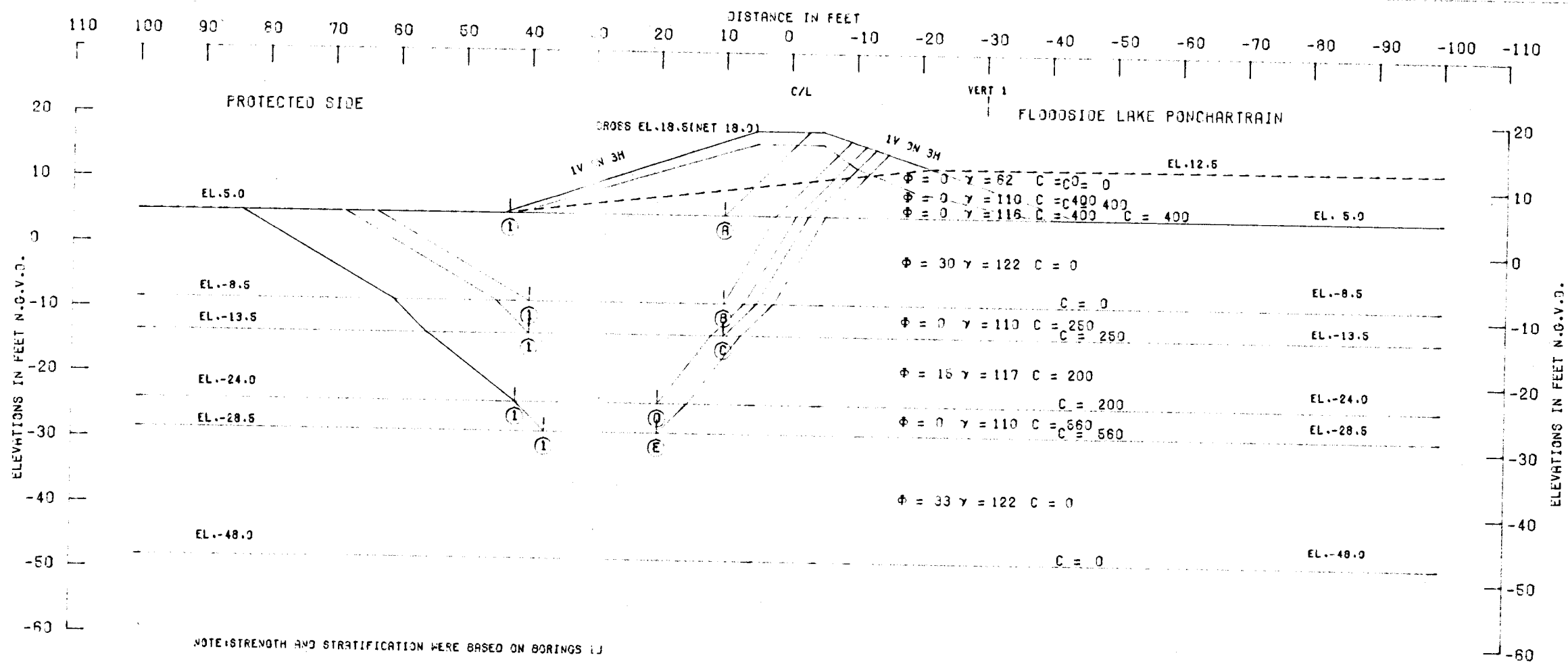
Rec'd
2/17/84
JMN



LAKESIDE ENGINEERING CO.
 SUBJECT TO CORRECTION
 LAKE PONTCHARTRAIN, LA & VICINITY -
 ORLEANS PARISH LAKE FRONT LEVEES
 WEST I.H.N.C. TO 7TH ST CANAL
 STA. 196 + 41.52 TO 216 + 37.17 B/L
 LEVEE WITH I-WALL LWB-73

NOTE: Tip Pile Penetration will furnished on a later date.

Rec'd
2/17/84
JH



FAILURE NO.	ASSUMED SURFACE ELEV.	RESISTING FORCES			DRIVING FORCES		SUMMATION OF FORCES		FACTOR OF SAFETY
		R _A	R _B	R _P	D _A	-D _P	RESISTING	DRIVING	
A	5.0	10400	3120	150	9174	3	13670	3171	2.140
B	-8.5	23322	7500	10793	39654	11288	41621	28365	1.470
C	-13.5	25067	7492	13343	66879	21027	45892	34852	1.320
D	-24.0	38208	12331	28532	96732	60298	79071	45434	1.700
E	-28.5	42748	9803	33572	118937	67544	86123	51453	1.570

NOTES
 phi -- ANGLE OF INTERNAL FRICTION, DEGREES
 C -- UNIT COHESION, P.S.F.
 V -- STATIC WATER SURFACE
 J -- HORIZONTAL DRIVING FORCE IN POUNDS
 R -- HORIZONTAL RESISTING FORCE IN POUNDS
 A -- AS A SUBSCRIPT, REFERS TO ACTIVE WEDGE
 B -- AS A SUBSCRIPT, REFERS TO CENTRAL BLOCK
 P -- AS A SUBSCRIPT, REFERS TO PASSIVE WEDGE
 FACTOR OF SAFETY = $\frac{R_A + R_B + R_P}{J_A - J_P}$

ADVANCE COPY
SUBJECT TO CORRECTION

2-17-84

DL Sta. 42+33.93 to EL Sta. 7948.05

SECTION: LEVEE w/100% slopes

Rec'd
 2/17/84
 JSM

STA. 42+33.93 TO STA. 42+33.93