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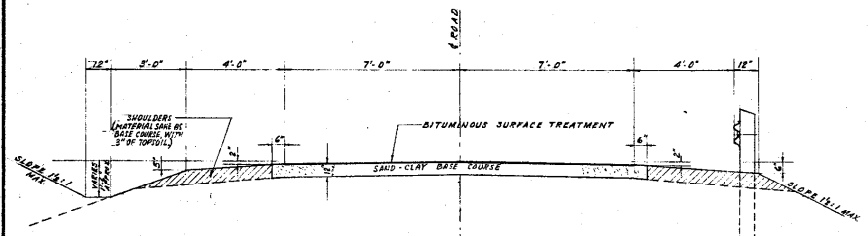
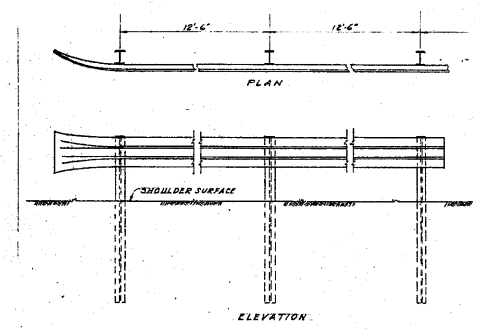
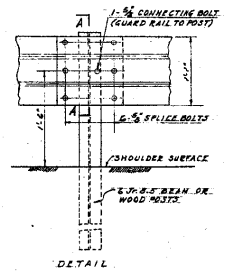
ANALYZE & MARK THIS PRINT FOR ALL SAFETY CONSIDERATIONS IN DESIGN OR CONSTRUCTION

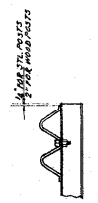


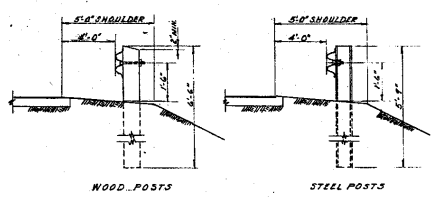
TYPICAL HALF-SECTION OF 14 FT. ROAD WITHOUT GUARD RAIL | TYPICAL HALF-SECTION OF 14 FT. ROAD WITH GUARD RAIL

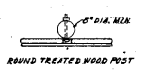
SCALE: ¾" = 1'-0"





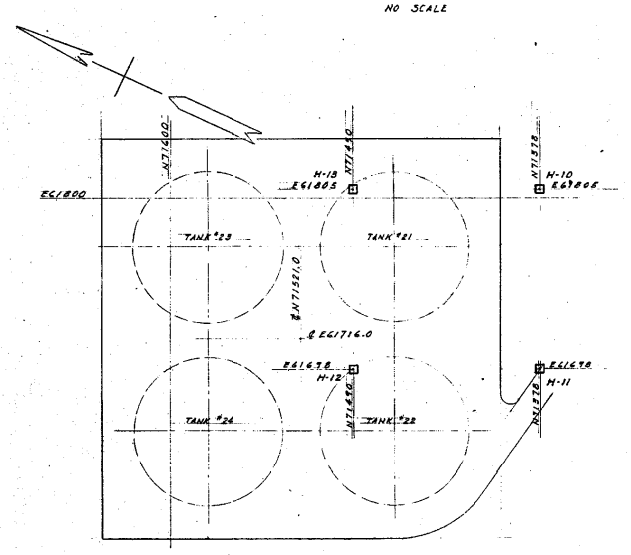






ALTERNATE GUARD RAIL DETAILS

NO SCALE



LOCATION OF SOIL BORINGS

SCALE: 1" = 40'

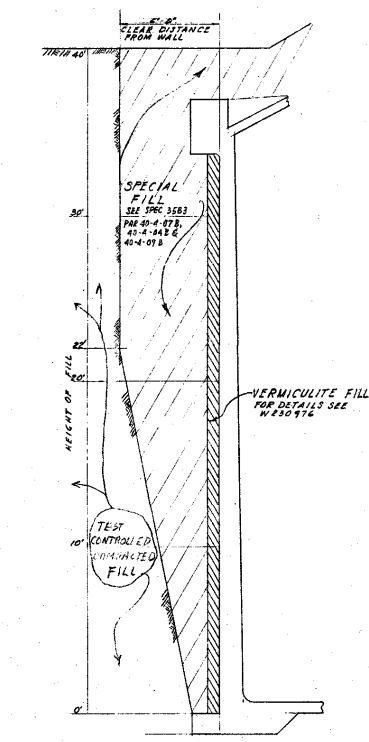
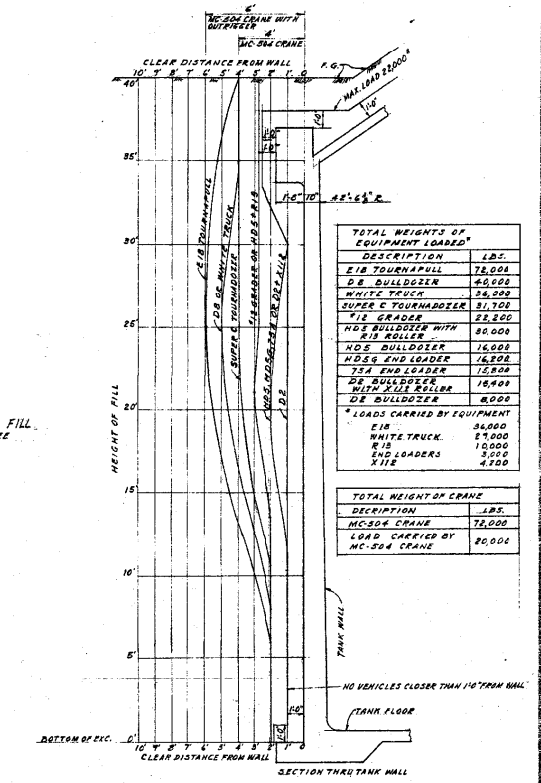


DIAGRAM SHOWING LIMITS OF SPECIAL FILL



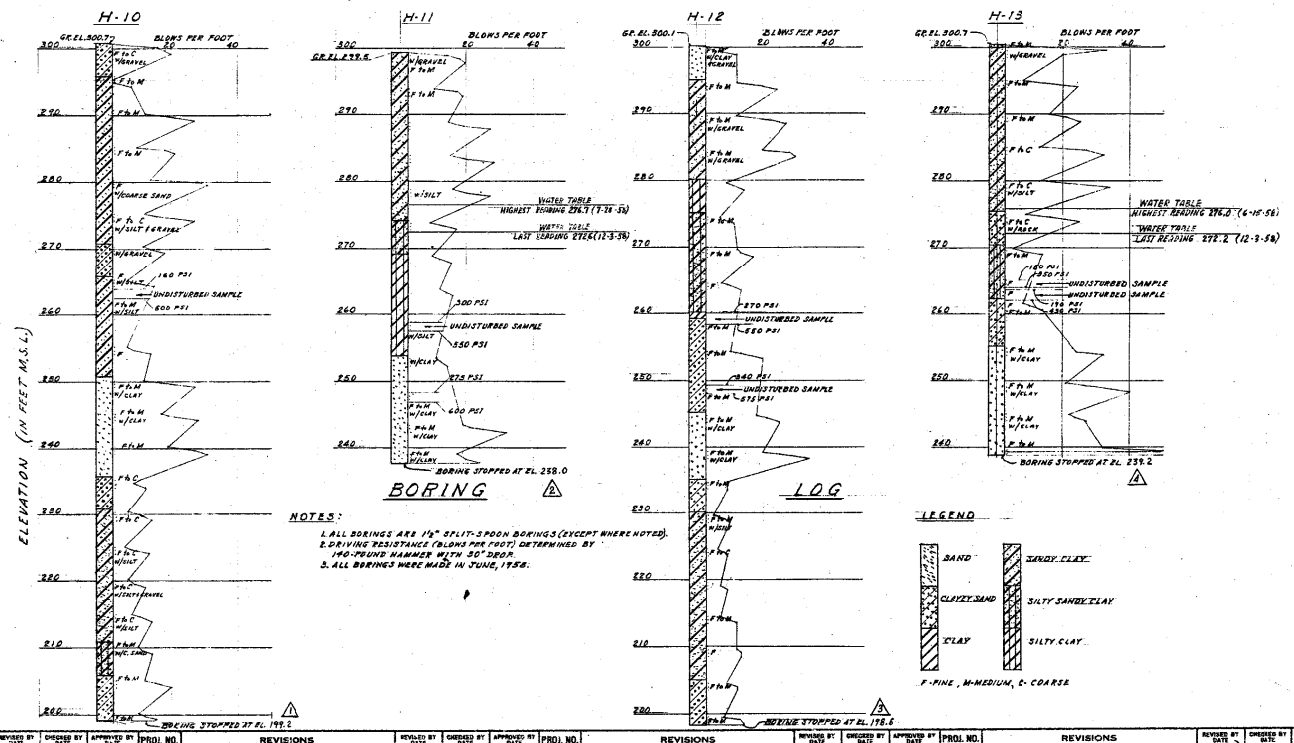
TOTAL WEIGHTS OF EQUIPMENT LOADED*	
DESCRIPTION	LBS.
E-18 TOURNAPULL	73,000
D-8 BULLDOZER	40,000
WHITE TRUCK	34,000
SUPER C TOURNADOZER	51,700
772 GRADER	22,200
HD5 BULLDOZER WITH R-13 ROLLER	20,000
HD5 BULLDOZER	16,000
HD5G END LOADER	16,200
955 END LOADER	12,800
WITH 9'-0" ROLLER	18,400
D-2 BULLDOZER	8,000

* LOADS CARRIED BY EQUIPMENT

E-18	34,000
WHITE TRUCK	27,000
R-13	10,000
END LOADERS	3,000
X-112	4,700

TOTAL WEIGHT OF CRANE	
DESCRIPTION	LBS.
MC-504 CRANE	73,000
LOAD CARRIED BY MC-504 CRANE	20,000

DIAGRAM SHOWING MINIMUM DISTANCE TO BE MAINTAINED BETWEEN EARTHMOVING EQUIPMENT & MC-504 CRANE AND TANK WALL.



NOTES:

1. ALL BORINGS ARE 1⅞" SPLIT-SPOON BORINGS (EXCEPT WHERE NOTED).
2. DRIVING RESISTANCE (BLOWS PER FOOT) DETERMINED BY 140-POUND HAMMER WITH 30" DROP.
3. ALL BORINGS WERE MADE IN JUNE, 1954.

LEGEND

SAND | SANDY CLAY | CLAYEY SAND | SILTY SANDY CLAY | CLAY | SILTY CLAY

F-FINE, M-MEDIUM, C-COARSE

RMD REVIEWED:
AT REV. ___
DATE ___

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CONTENTS

H-10 thru H-13 SAVANNAH RIVER PLANT
200-H AREA
SOIL MECHANICS, CIVIL
SOIL BORING LOG PROFILES
SHEET NO.- 1

MAY 5, 1954

PROJ. NO.	REVISIONS	REVISED BY DATE	CHECKED BY DATE	APPROVED BY DATE
9/10/59	1 TO REMOVED "PLSL DIMENSIONS AT SOT. OF BORINGS & ADDED ACTUAL ELEVATIONS	[illegible]	[illegible]	[illegible]

REFERENCE STANDARDS	

REFERENCE DRAWINGS		
W231219	PLOT PLAN	
W231220	GRADING PL.	
W231342	SEWER & DATS.	
W230826	EXCAVATION	
3-MEC-3588	PROJ. SPEC.	

PROJ. NO.	98109-20	
SCALE	AS NOTED	DEC 30 1959
DRAWN BY	T.A. SANTOS	2-18-59
CHECKED BY	C.P. Whitehead	3-13-59
APPROVED BY	[illegible]	3-18-59
APPROVED BY	[illegible]	3/20/59

ENGINEERING DEPARTMENT

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