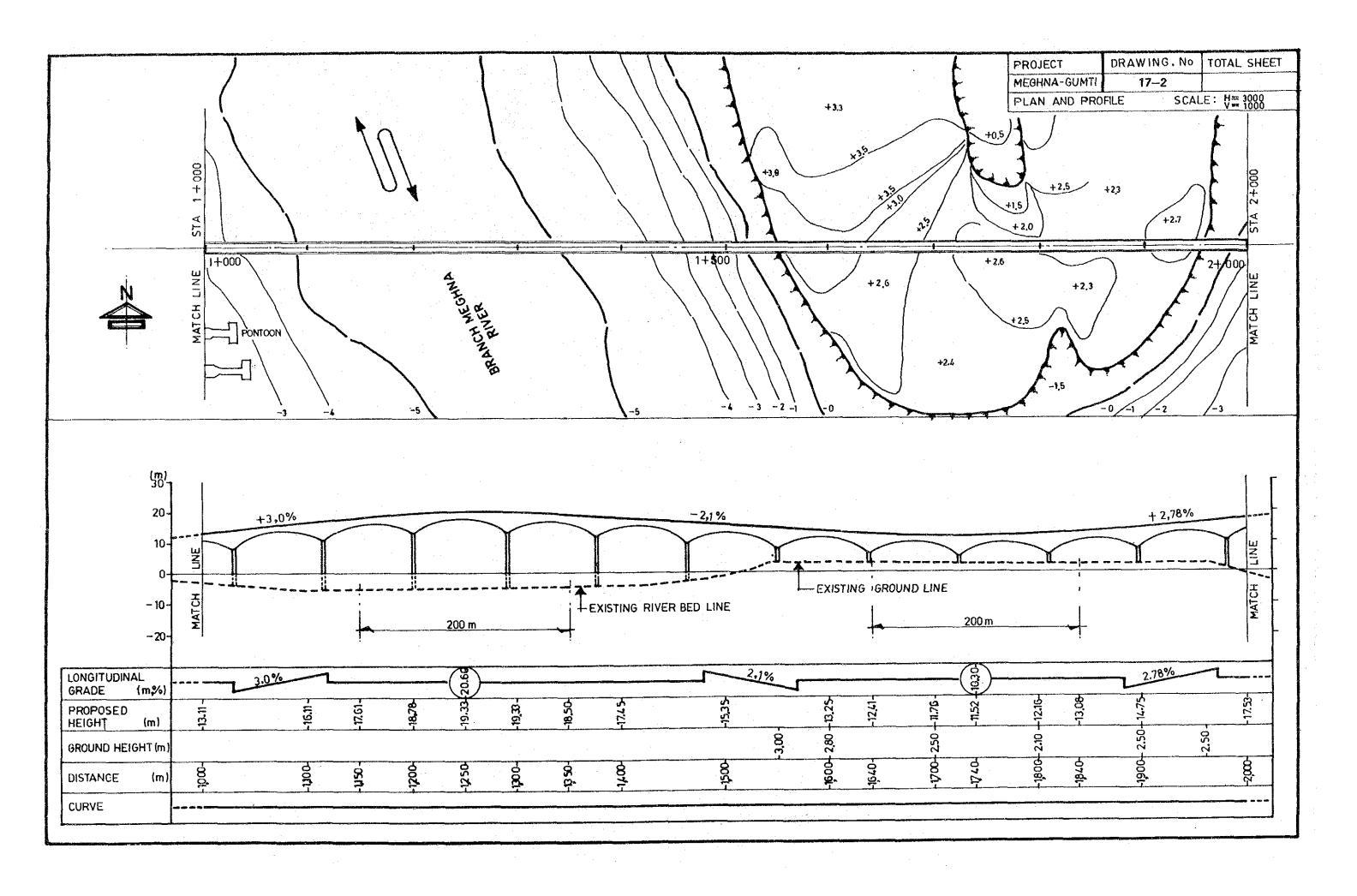
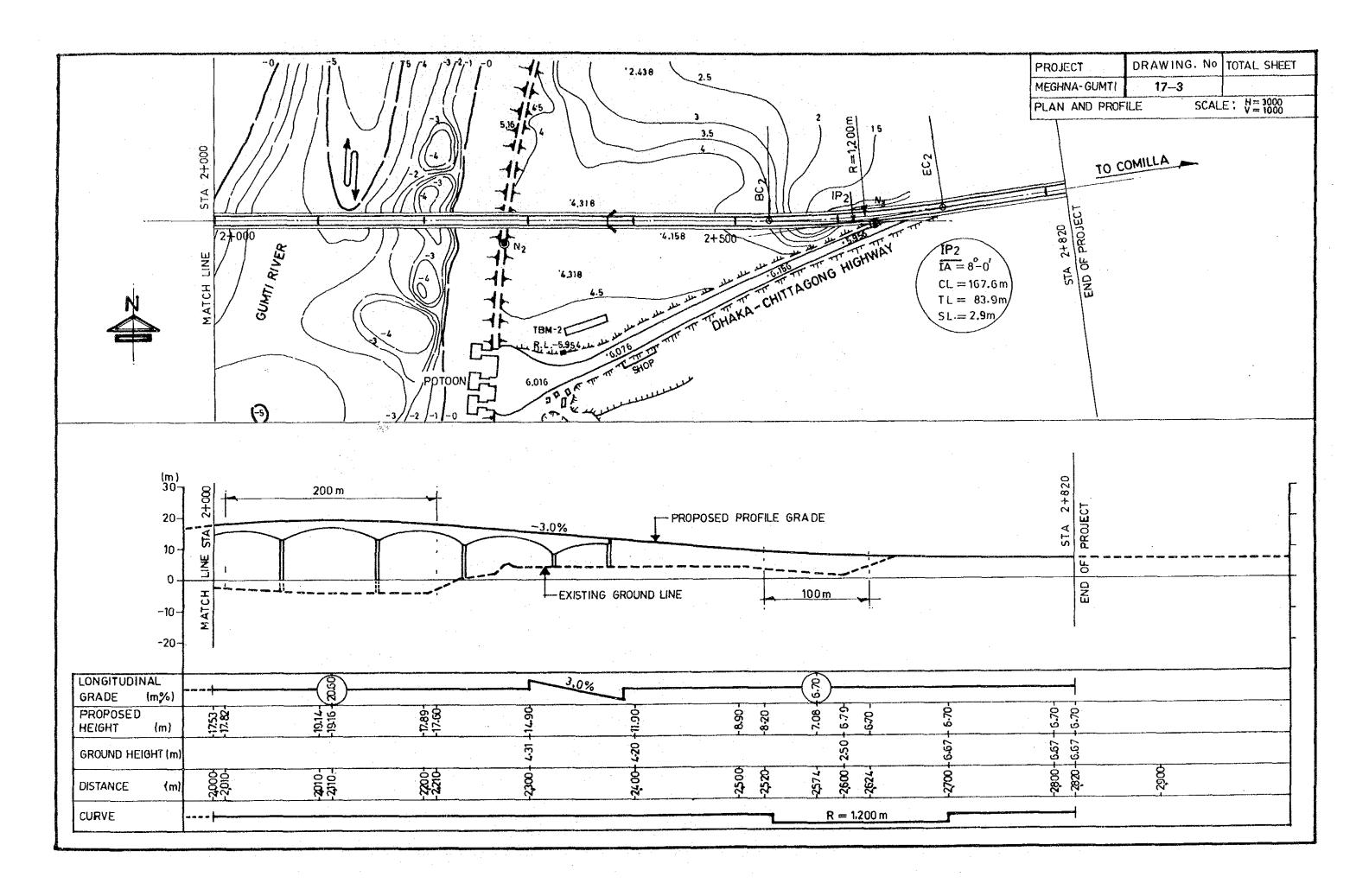
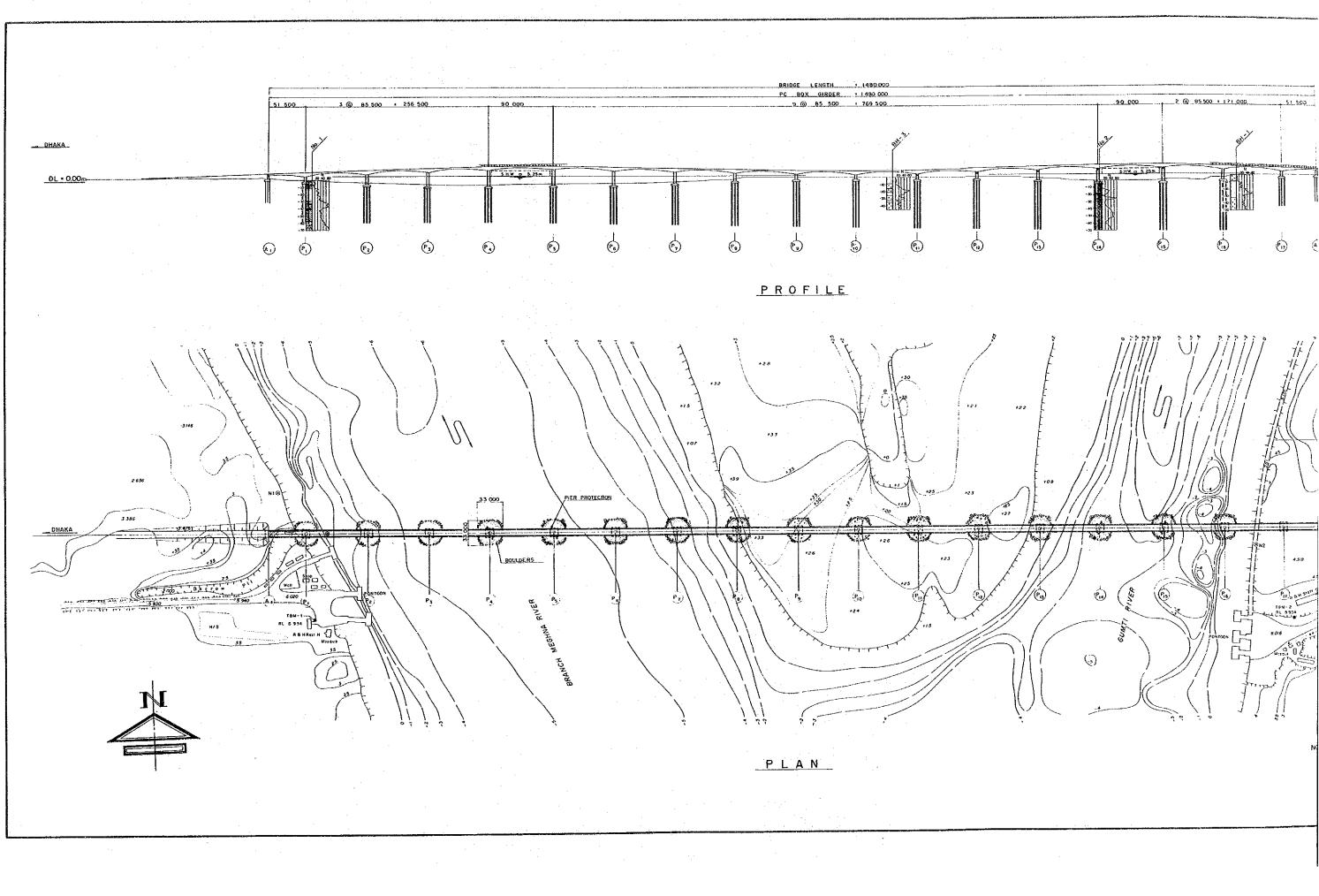


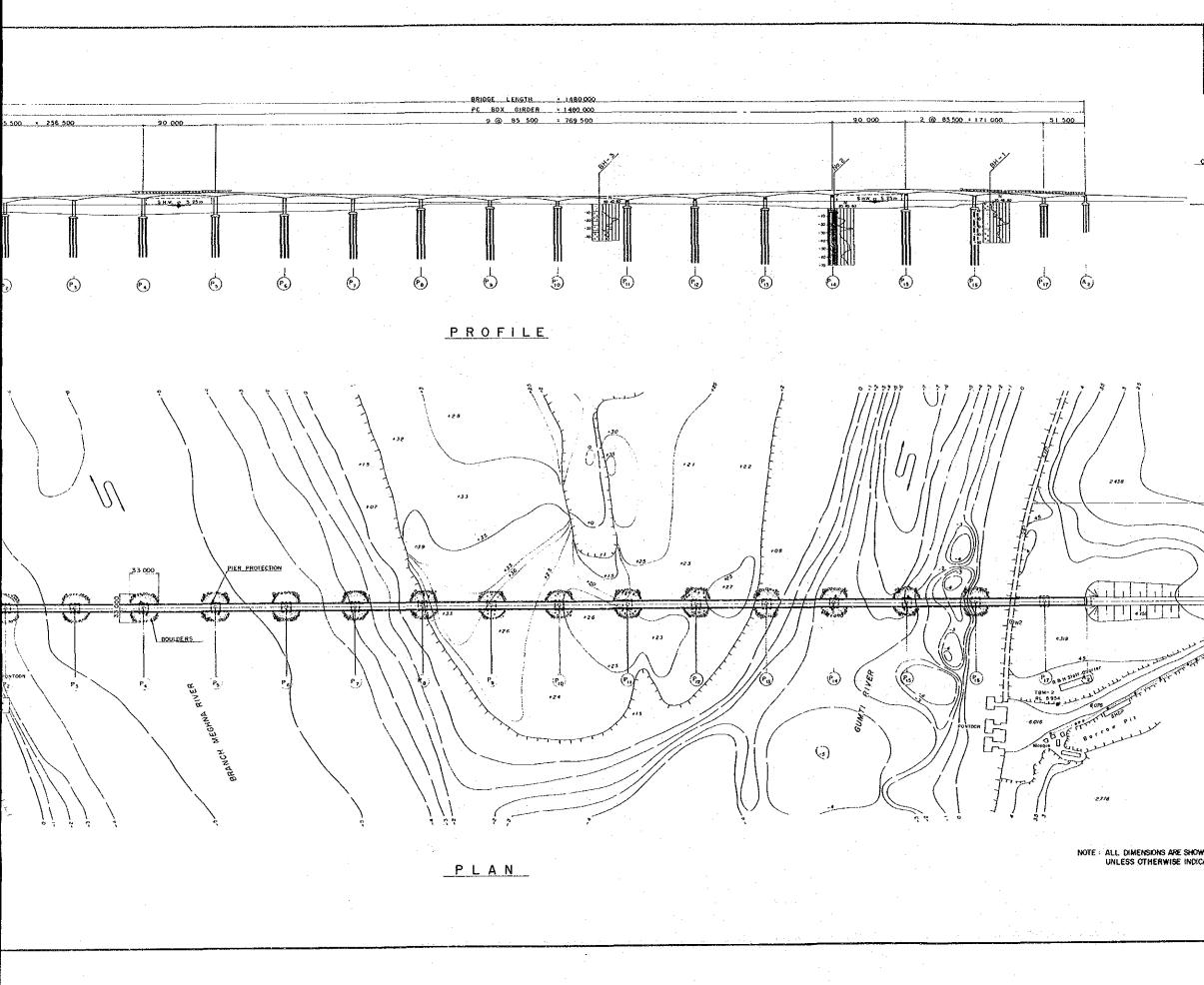
DRAWING. No TOTAL SHEET PROJECT MEGHNA-GUMTI 17-1 SCALE: ₩=3000 PLAN AND PROFILE 6,020 R.L. 6.936 H.M. Mosqu 5,940 H/S 8+ +3.0% STA LINE MATCH 30% 7.17-7.50-10.11 -13-11 0.50 S 10001 -006-88



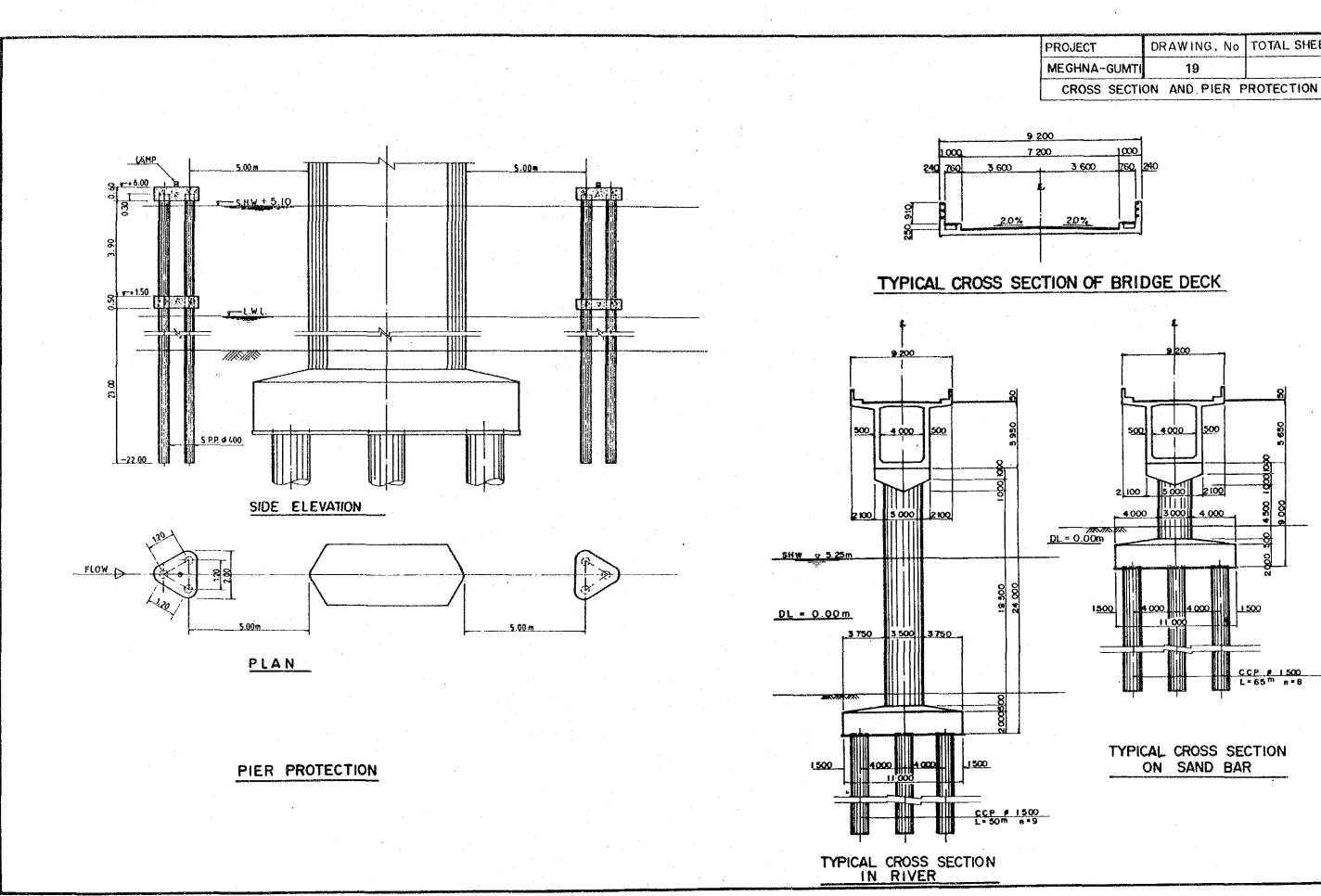




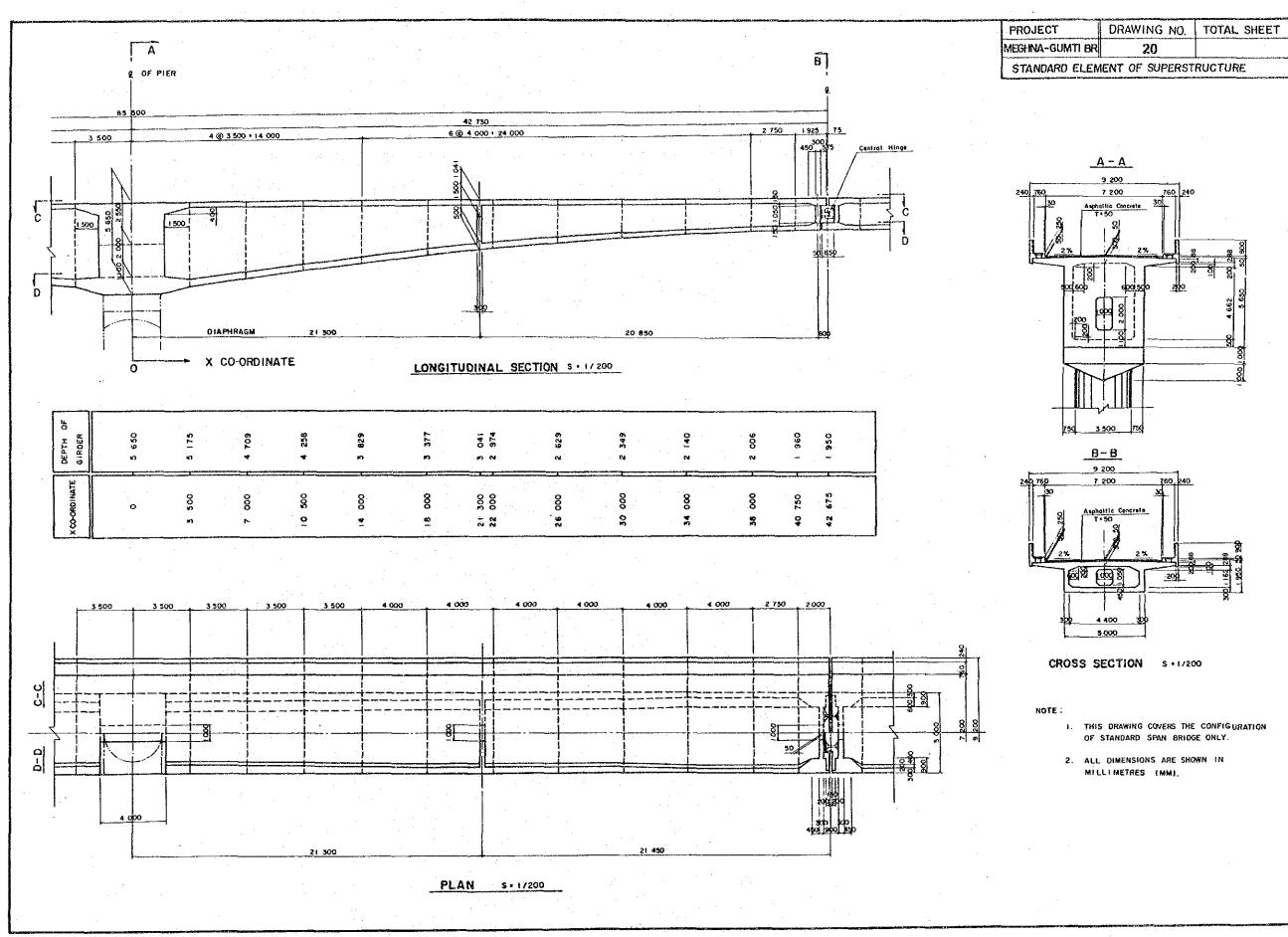
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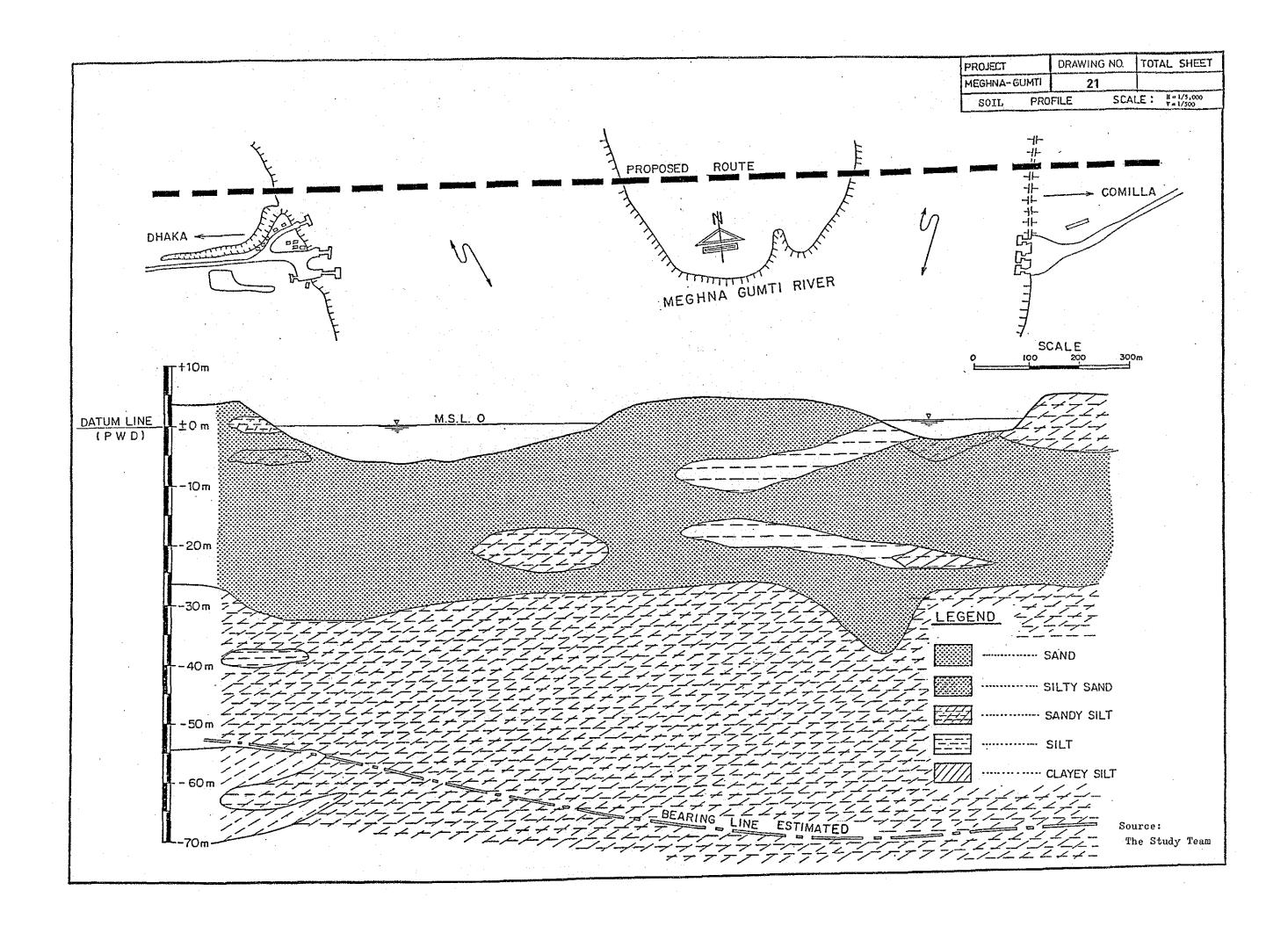


٣	SPA POT			~	Å1 -	TOTAL	QUE	er 1
	PROJECT		RAW IN	6.	110		, one	
	MEGHNA-GUMTI GENERA	L	18			L		
	GENERA	↓∟	VIEW				<u> </u>	
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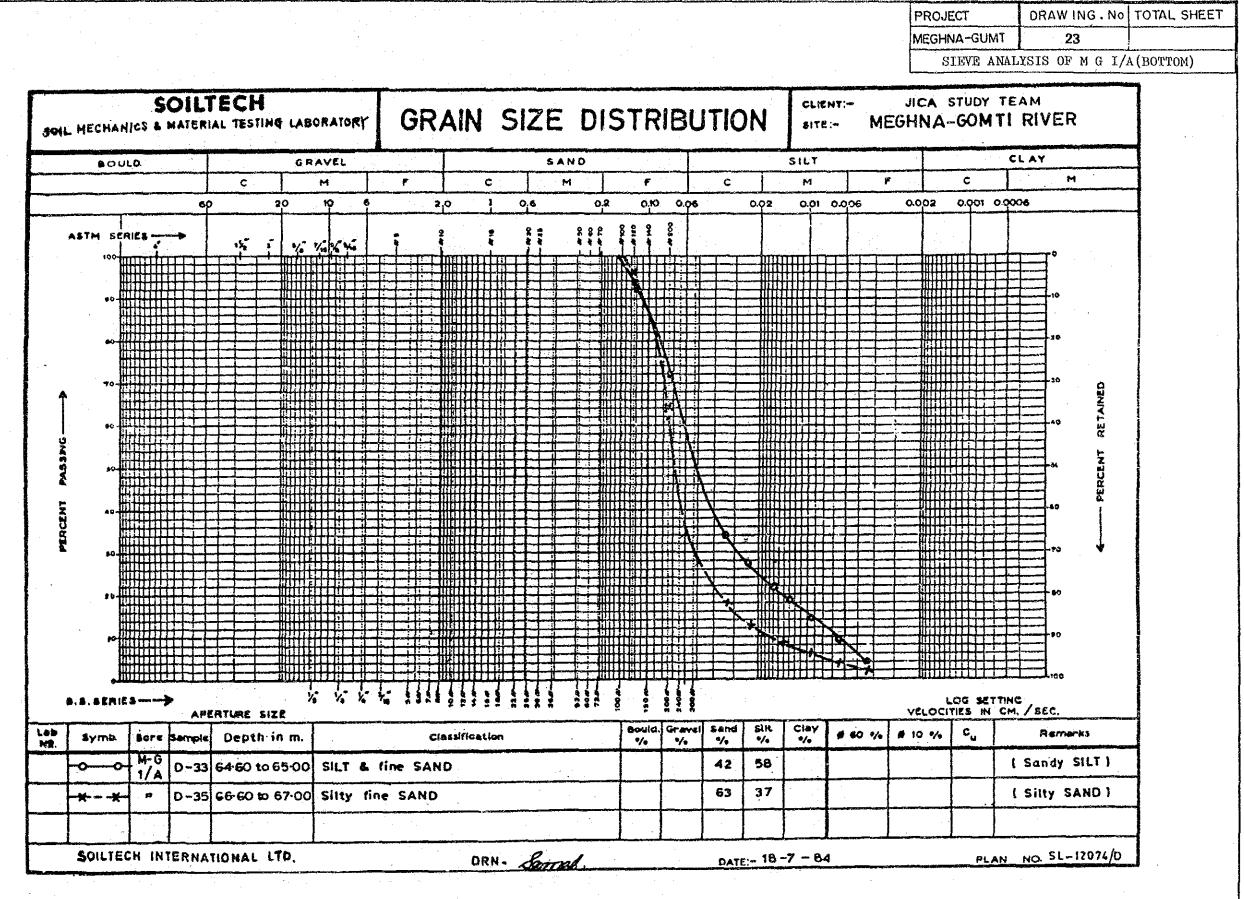
PROJECT	DRAWING, No	TOTAL SHEET
MEGHNA-GUMTI	19	
CROSS SECTI	ON AND PIER F	ROTECTION





				- -						PROJECT	0	RAW ING . No TOTAL SH
						а. т. Т.				MEGHNA-	GUMT	22
		· · · ·				· · ·				TES	r results	OF MG I/A (BOTTOM)
<u> </u>			*****	ما ينبين مرد بالعلي بر و ارتكار الغ ر					n de antigen en al de la de			
. •	SOILTECH	nin en	· · ·		SUMM	ADY O	F	· · ·		JICA ST		м
SOIL MECHANI	CS & MATERIAL TESTING L	ABORATOR	Ý į	ABOD	· · · ·			TS				
·	DHAKA	$e_{1}^{*} = 1$	la la		NURT	1631	RESUL	.13	MC	GHNA-(JUMIL	NYER .
					·. ·			•				
	· · · ·		Х				•	•				
Borshole No-		and the second secon				М	-G1/A	الله مي الي عند العام عنها بغيث عن العام <u>من ا</u>				
Semple No		D-25	D-26	D-27	D-28		D -30	D - 31	D - 32	D - 33	D -34	D-35
		48.60	50.60	52.60	54.60	56.60	58.60	60.60	62.60 to	64.60 to	66.60 to	69.60 to
Depth in test		49.00	to 51.00	to 53.00	to 55.00	to 57.00	to 59.00	to 61.00	63.00	65.00	67.00	70.00
Molature content (Natural)		33.50	33.14	38.80	30.80	35.25	41.28	41.16	42.11	3 2-91	31.60	32.23
specific gravity			2.659	2.660	2.665		2.660	2.659	2.665		2.662	
Atterberg	Liquid limit.Lw	41.80	44.50	44.20	41.30	43.20		N-:P				N.P.
	Plastic limit, Pw	24.70	26.00	25.20	24.50	24.80						
1933 - 1946 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 - 1979 -	Wet [lbs/cft]											
Density	Dry (lbs/cft)											
	Gravel (1/0)											
Grain size	sand (*/=)	13		13		11		61		42		62
Boalysis	silt (%)	78		78		78		39		58		37
	Clay (1/.)	9		9		11						
Consolidation	Natural void ratio, 80							<u> </u>				
tests	Compression index, Cc										L	
	Strain at failure (%)					L			ļ			
Unconfined	Stress undist.(Ibs/sq.inch)					L						
compression teste	Stress remould.(Ibs/sq.inch)							· · · · · · · · · · · · · · · · · · ·			<u> </u>	
	Sensitivity			·			[ļ			<u> </u>	and a survey of the second
Tri-axial comp	ression \$ [degree]						<u> </u>			 	+	
Qe tests	C (p. s. i.)										<u> </u>	
and the second s	الكسي والانتجاز والانتيان المسيريين فالشبيب والمتعادي والبيد المكارب والتربي	1		· · · · ·	1 .	1- ·	1 . · · ·	· ·	l .	ļ	1	

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PROJEC MEGHN/

SOIL MECHANICS & MATERIAL TESTING LABORATORY

SUMMARY OF LABORATORY TEST RESULTS

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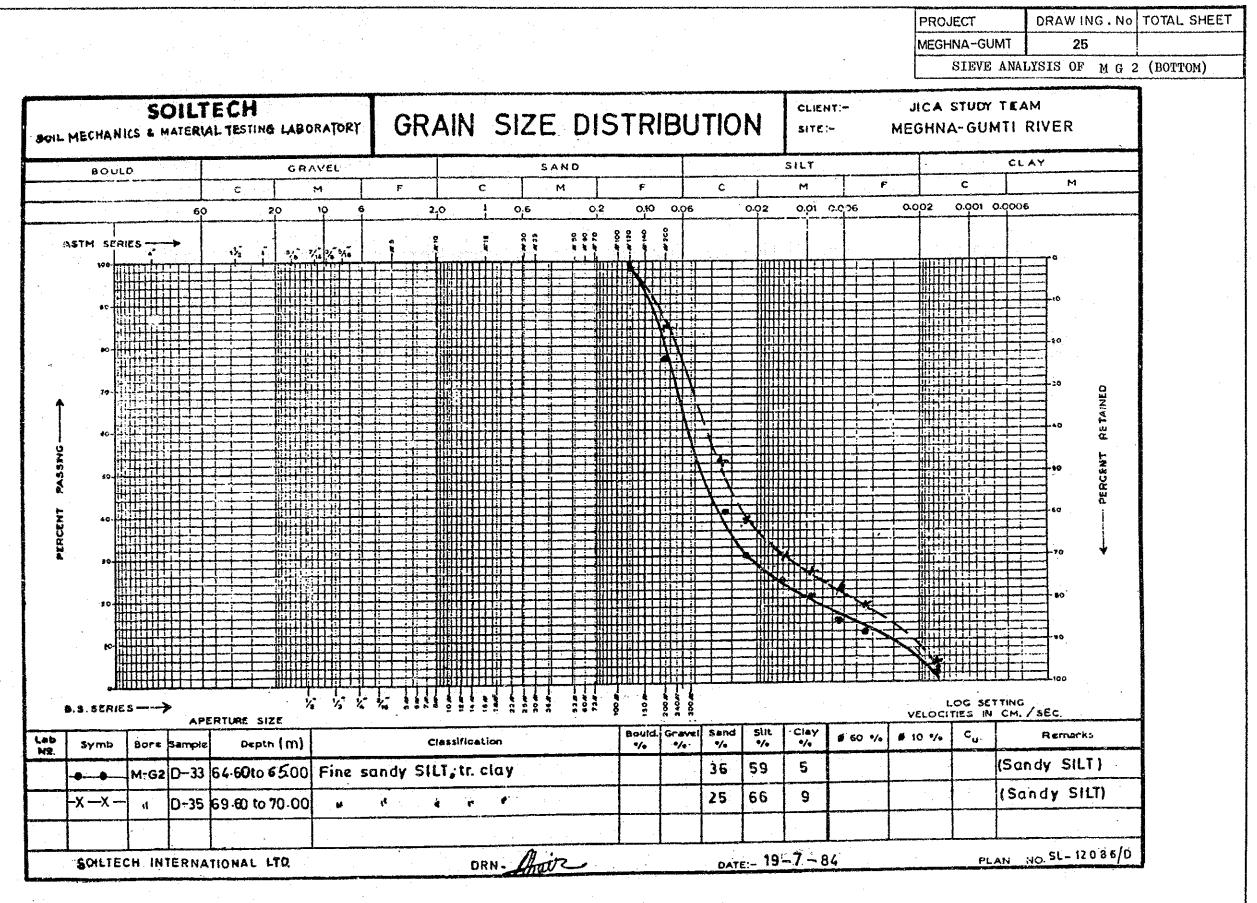
Borchole Ne.							M	-62			
Sample Ne.	مستقربين را ورود به درمون می -		D -25	D -26	D-27	D-28	0-29	D - 30	D-31	D-32	D-3
Depth in metre		48.66 to 49.00	50.66 to 51.00	52.66 to 53.00	54.66 to 55.00	56.66 to 57.00	58.66 to 59.00	to 61.00	62.66 to 63.00	64.66 to 65.00	
Maisture content [Natural]		urali	33.20	32.20	35.00	34.00	45.40	31.30	35-60	31.70	25.8
Spacific gravity				2.657	2.657	2.659		2.651		2.660	ļ
Atterberg	Liquid	limit,Lw	42.00	38.00	50.40	45.20	38.55		42.86	35.50	34.60
timita	Plastic	: limit,Pw	2 4.00	22.10	28.20	26.60	23.80		25.20	20.50	20.00
Density	Wet ((bs/cft)									
	Dry 1	lbs/cft)								L	
Grain size	Gravel	(%.)	ار بار بی بری بر					l			ļ
	Sand	{ */=}	18		16		18	<u> </u>	13		36
analysia	sitt	(*/.)	76		75		76		79		:59
- 	Clay	(%)	6		9		6	·	8	·	5
Consolidation	Natura	l void ratio, to		-		1. S.				<u> </u>	
tasts	Compre	ession index, Cc	· · · · · · · · · · · · · · · · · · ·								
	Strain	at failure (%.)	·						<u> </u>		<u> </u>
Unconfined	Stress	undist.[Ibs/sq-inch]	·								· _ ·
compression - testi	Stress	remould-(Ibs/sq.inch)				and the second secon					<u> </u>
	Sensit	ivity						<u></u>	ļ		<u></u>
Tri-axial comp	ression	\$ (degree)								ļ	
Ac tests C (p. s. i.)											
F. M. TESTS						ł	1.	1		<u> </u>	

SOILTECH INTERNATIONAL LTO.

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DATE:- 21-7-84

ECT	DRAW ING, No	TOTAL SHEET
NA-GUMT	24	
TEST RESU	JLTS OF MG 2 (BOTTOM)
STUDY T A-GUMTI		
D = 3	4 D-35	
66.66		
67.00	to 70.00	
34.13		
2.65	-	
	37.00	
	22.70	
	25	
	66	
	9	
PLAI	N No. 54-12093/0	



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				ana ang taong ta									EGHNA-GL	IMT	26	
								•					TEST	RESULTS	OF MG I	(BOTTOM)
			· · ·			·						۱ <u>ـــ</u>	<u> </u>			
	SOIL MECHANI	SOILTECH	ABORAT	DRY		· · · · ·		RY OF					A STUDY			
		DHAKA		·	LAD	JRAI	JRT	rest i	RESU	5		MEUN	NA~GUI	Mili INI	YER	
	Botchoie No.				-			M-	-G 1				<u></u>	، مستحد المشاركة واليوس	······································	
	Sample No.	an a sharan a sharan A sharan a sh	D-1	D - 2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D - 10	D-11	D -12	and the second	
	Depth in meti	۲ ٤	0.60 to 1.00	2.60 to 3.00	4.60 to 5.00	6.60 to 7.00	8.60 to 9.00	10.60 to 11.00	12.60 to 13.00	14.60 to 15.00	to	18.60 60 19.00	20.60 to 21.00	22.60 to 23.00		
· · ·	Moleture conte	nt (Natural)	23.60	25.50	21.00	23.82	21.30	25.75	21.30	38.20			29.40	17.65	31.40	
	Specific grav	ity		2.659		2.665		2.668			2.668		2.671	n Andreas and a state of the st	2.674	
	Atterberg	Liquid timit.Lw			N.P			N:-P		موجد معرف م	- <u>N.P</u>		N.P		\$ };	
	limits	Plastic limit, Pw					and the second	·								
	Density	Wet (lbs/cft)									·	ļ				
		Dry (lbs/eft)										 				
		Gravel (*/.)												91		
	Grain size	sand (%)		86		95			82			43 57		9		
	analysis	silt (%)		14	······	5		·	18				<u> </u>		and interest of	
		Ciay [%]	ļ						-							
	Consolidation	Natural void ratio, Co														1
	tests	Compression index, Cc														
		Strain at failure (%)										<u> </u>	+			
	Unconfined compression	Stress undist. (Ibs/sq.inch)	the second s					 				 				
•	tests	Stress remould (lbs/sq inch)													<u> </u>	
		Sensitivity				ļ	-	 			 					
		ression & (degree)					<u></u>	<u> </u>	ļ		 				<u>+</u>	
	Qc tests	C (p.s.i.)	<u> </u>					ļ	ļ		<u> </u>		<u></u>		4	
	F. M. TESTS			FM=0-50	<u> </u>	F.M=0-80			FM=0-22		<u> </u>	F.M=0-0	1	FM=1-33		
	SOILTECH INTE				DRN :-	115. ·	· · ·				16-7-8	34		PLAN No.	s L-120 90/D	

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	 ويحمد بالبراوي			ويعيدون بينهاي والمتباطية المتعا	والمتحدين والمتحدين والمتحدين والمتحدين والمتحدين والمتحدين والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد	استداست سدوان الاكانات الاوانانيان	*****	
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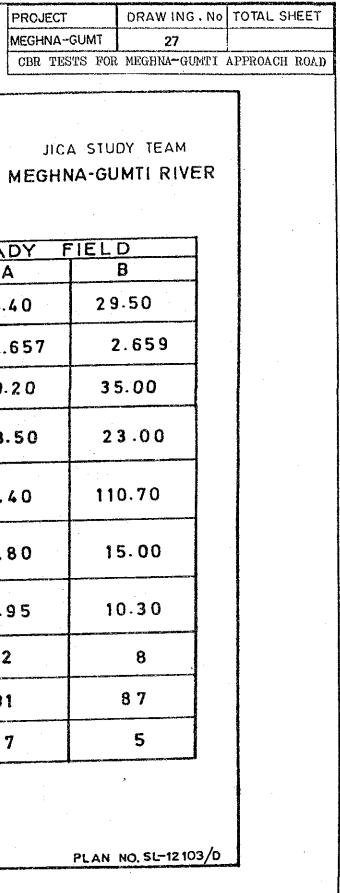
SUMMARY OF COMPACTION & C B R TEST RESULTS

ومسترية فيتسمونها والمستروعة والمستروع المسترو والمستروع والمستروع والمستروع والمستروع والمستروع والمستروع			M-G	- 1/A		PADY
SAMPLE NUMBER		Α	В	С	D	A
MOISTURE CONTENT	(Naturai)	24.80	26.20	23.90	25.30	28.40
SPECIFIC GRAVITY		2.662	2.665	2.660	2.665	2.657
	Liquid Limit,Lw		4: 0	N D	- N.P	39.20
ATTERBERG LIMITS		– N.P. —	– N.P. –––	- N.P	N.I.	23.50
MAXIMUM DRY DENSIT	Y Lbs/cu.ft	109.50	109.60	108.00	106.20	111.40
OPTIMUM MOISTURE	CONTENT (%)	14.90	14.00	16.20	15.15	15.80
CORRECTED C B R	VALUES	10.20	9.20	10.80	8.80	10.95
	SAND (*/.)	70	73	69	67	12
GRAIN SIZE ANALYSIS	SILT (*/•)	30	27	31	33	81
	CLAY (*/.)		-			7

SOILTECH INTERNATIONAL LIMITED

DR N.

DATE:- 8-8-84



MEGHNA-GUMT SOILTECH JICA STUDY TEAM CLIENT :-GRAIN SIZE DISTRIBUTION SOIL MECHANICS & MATERIAL TESTING LABORATORY SITE -MEGHNA-GUMTI RIVER GRAVEL SAND SILT AOULD Ċ C м F С M ۴ С м F 0.002 0.001 0.0006 20 10 6 2.0 1 0,6 0.2 0.10 0.06 0.02 0.01 0.006 60 # 100 8 8 2.2.2 Ŷ ASTM SERIES -17 , **1** 1/5 1/2 1/6 H. 100 ____ ┨╹┥┥┥ 1 1 2 3 2 2 6 5 1 9 6 6 9 60 50 9 60 1 1 1 2 4 5 5 6 9 6 6 6 60 60 7 60 1 1 4 5 6 7 6 6 7 7 7 8 9 10 60 7 60 1 ЦЦЦ š PERCENT ITL 3 37 7 12 A.S. SERIES----> 8 APERTURE SIZE Clay */s Sand % Sìil -10 Bould. Gravel LAD c_u scre sample Depthpins m. Classification Symb •/• •/• N2. 31' M-G 69 F. M. = 0, 24 Silty fine SAND 1-00 to 1-50 C Ô Ô 67 33 F. M.=0.13 -**-11. D 1.00 to 1.50 DATE:- 19-7-84 SOILTECH INTERNATIONAL LTD. DRN-

