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EXCAVATION	216	161.6	106.7	60.7	80.0	1754	1.001	25.0	266 7	
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INLET Table	2 Concrete, fo	rm &	Others	•	,
	culated Process	Unit.	Numbers	Total	Remarks
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DEARTH WORK	NO.Z4 INL SPILLWAY	FT 15	CALCU	LADED	W NO 1
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Kinds Calculated Process Unit Numbers Total Remarks
EXCAVATION INLET OPENING PORTION INLET OPENING PORTION $V_1 = [L_5 \times L_4 + (L-W) \times (B+0.6)] \times \frac{1}{2} \times C$ DITCH PORTION $V_2 = (0.270.8) \times \frac{1}{2} \times 0.3 \times 15.0 \times 2 = 4.5 \text{ m}$ STRIPPING FOR MASCURY LIVING $V_3 = (L_1 + L_3) \times L \times 0.3 + (L - L_5 + C) \times \frac{1}{2} \times C \times 0.3$ $V_4 = (L_1 + L_3) \times L \times 0.3 + (L_2 + L_3 + C) \times \frac{1}{2} \times C \times 0.3$ $V_4 = (L_1 + L_3) \times L \times 0.3 + (L_2 + L_3 + C) \times \frac{1}{2} \times C \times 0.3$ $V_4 = (L_1 + L_3) \times L \times 0.3 + (L_2 + L_3 + C) \times \frac{1}{2} \times C \times 0.3$ $V_4 = (L_1 + L_3) \times L \times 0.3 + (L_2 + L_3 + L_4) \times \frac{1}{2} \times C \times 0.3$ $V_4 = (L_4 + L_4) \times L \times 0.3 + (L_4 + L_5) \times \frac{1}{2} \times C \times 0.3$ $V_4 = (L_4 + L_4) \times L \times 0.3 \times 1.2$ $V_4 = (L_4 + L_4) \times L \times 0.3 \times 1.2$ $V_4 = (L_4 + L_4) \times 1.2$ $V_4 = (L_4 + L_4) \times 1.2 \times 1.2$ $V_4 = (L_4 + L_4) \times 1.2 \times 1.2$ $V_4 = (L_4 + L_4) \times 1.2$
$\begin{array}{c} NLET & OPENING & PORTION \\ V_1 = \begin{bmatrix} L_5 \times L_4 + (L-W) \times (B+0.6) \end{bmatrix} \times \frac{1}{2} \times C \\ DITCH & PORTION \\ V_2 = (0.7 + 0.8) \times \frac{1}{2} \times 0.3 \times 15.0 \times 2 = 4.5 \text{ m} \\ STRIPPING & FOR MASCNRY LIMING \\ & V_3 = (L_1 + L_3) \times L \times 0.3 + (L - L_5 + C) \times \sqrt{2} \times C \times 0.3 \\ & + (0.7 + 0.5) \times \frac{1}{2} \times 0.4 \times L \\ & W: CHAR = BED \\ WIDTH \\ L_4 = L-W + C+S - C \\ & L_5 = B + 2C + 0.6 \\ & B & INLET \\ OPENING & WIDTH \\ & L_5 = B + 2C + 0.6 \\ & B & INLET \\ OPENING & WIDTH \\ & L_5 = B + 2C + 0.6 \\ & B & INLET \\ OPENING & WIDTH \\ & L_6 = L-W + C+S - C \\ & C & CAMAL & DEPTH \\ & B & INLET \\ OPENING & WIDTH \\ & L_7 = L-W + C+S - C \\ & C & CAMAL & DEPTH \\ & B & INLET \\ OPENING & WIDTH \\ & L_7 = L-W + C+S - C \\ & C & CAMAL & DEPTH \\ & B & INLET \\ OPENING & WIDTH \\ & L_7 = L-W + C+S - C \\ & L_7 = L_7 + $
$NLET OPENING FORTION V_1 = [L_5 \times L_4 + (L-W) \times (B+0.6)] \times \frac{1}{2} \times C$ $DITCH FORTION V_2 = (0.2+0.8) \times \frac{1}{2} \times 0.3 \times IS. 0 \times 2 = 4.5 \text{ m}$ $STRIPPING FOR MASCURY LIVING$ $= \frac{1}{3} = (L_1+L_3) \times L \times 0.3 + (L-L_5+C) \times \frac{1}{2} \times C \times 0.3$ $+ (0.2+0.5) \times \frac{1}{2} \times 0.4 \times L$ $L_3 = L - W + C \times S - C$ $L_5 = B + 2C + 0.6$ $= \frac{1}{3} \times \frac{1}{$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
$V_{2} = (0.2 \pm 0.8) \times \frac{1}{2} \times 0.3 \times 15.0 \times 2 = 4.5 \text{ m}$ $STRIPPING FOR MASCNRY LINING$ $\frac{1}{3} = (L_{1} + L_{3}) \times L_{2} \times 0.3 + (L_{1} - L_{2} + C) \times \sqrt{2} \times C \times 0.3$ $+ (0.2 \pm 0.5) \times \frac{1}{2} \times 0.4 \times L_{2}$ $W: GHAL BED$ $WIDTH$ $L_{3} = L - W + C \times S - C$ $L_{5} = B + 2C + 0.6$ $B: INLET GENING WIDTH$ $TABLE OF DIMENSION AND CALCULATION$ $NOW C L L_{1} L_{2} L_{3} L_{4} L_{5} B S N_{1} V_{2} V_{3} TOTA$ $\frac{1}{2} 100 78 200 11.5 58 1.0 10.9 62 20 15 742 45 77.7784$ $\frac{1}{3} 100 78 200 11.5 59 10 10.9 62 20 2 912 45 257 1895$ $\frac{1}{3} 100 78 200 11.5 59 10 20 11.8 62 20 2 912 45 757 1895$
STRIPPING FOR MASCNRY LIVING - \(\frac{1}{3} = (L_1 + L_3) \times L_2 \(\triangle (L_3) \times L_2 \(\triangle (L_3) \times L_3 \) + \((0, 2 + 0.5) \times \frac{1}{7} \times 0.4 \times L_3 \) \[\text{W: GAMAL BED WIDTH \[\text{W: GAMAL DEPTH LS = B + ZC + 0.6 \] \[\text{B: INLET GENING WIDTH TABLE OF DIMENSION AND CALCULATION \[\text{MS: W: C' L' L_2 L_3 L_4 L_5 B S -V_1 V_2 V_3 TOTH \[\text{TOTH 1.1 \(\text{A0.0} \) \(\text{18.2 200 U.5 58 1.0 1.09 6.2 20 \text{ 25.84.2 45. 89.7 178.4 } \) \[\text{3.1 \(\text{A0.0} \) \(\text{18.2 200 U.5 5.9 1.0 1.09 6.2 20 \text{ 20. 25. 84.2 45. 89.7 178.4 } \) \[\text{3.1 \(\text{A0.0} \) \(\text{18.2 20.0 U.5 32. 83. 10.3 7.2 3.0 1.5 163.0 4.5 81.7 1.83.} \)
W: GHAL BED WIDTH La = 1-W+CxS - C W: GHAL BED WIDTH L5 = B+2C+0.6 B: INLET OPENING WIDTH C CHMAL DEPTH OPENING WIDTH OPENING
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$L_{A} = L - W + G \times S - C$ $L_{A} = L - W + G \times S - C$ $L_{S} = B + 2C + 0.6$ $R = INLET OPENING WID $ $TABLE OF DIMENSION AND CALCULATION$ $IT IO.0 7.8 20.0 11.5 5.8 1.0 10.9 6.2 20 15 94.2 45 99.7 178.4 2 100 18 200 11.5 5.9 10 10.9 6.2 20 25 84.2 45 69.7 178.4 3 100 18 200 11.5 5.9 10 10.8 6.2 20 2 89.2 45 69.7 178.4 3 100 18 200 10 32 03 10.9 7.2 30 15 10.0 45 81.7 189.4 $
$L_{A} = L - W + G \times S - C$ $L_{S} = B + 2C + 0.6$ $E : INLET OPENING WID $ $TABLE OF DIMENSION AND CALCULATION$ $II : IO.0 $
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TABLE OF DIMENSION AND CALCULATION No W C L L, Lz L3 L4 L5 B S V, V2 V3 TOTH 1 100 18 200 115 58 1.0 109 62 20 15 842 45 89.7 178.4 2 100 18 200 115 5.9 1.0 109 62 20 15 842 45 69.7 178.4 3 100 18 200 115 4.0 20 118 6.2 20 2 89.2 45 95.7 1895 4 100 78 200 110 32 23 109 7.2 30 15 1830 45 81.7 189.
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2 100 18 200 11.5 5.9 1.0 109 6.2 20 25 81.2 4.5 69.7 178.4 3 100 18 200 11.5 40 20 11.8 6.2 20 2 89.2 4.5 95.7 1895 4 100 7.8 200 11.0 32 83 10.9 7.2 30 1.5 10.0 4.5 81.7 189.
3 100 18 200 1.5 40 20 1.8 6.2 20 2 89.2 45 957 1895 4 100 78 200 1.0 32 63 10.9 7.2 30 1.5 10.0 45 81.7 189.
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8 100 18 250 71 55 05 168 702 60 2 243 45 3 2 351
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	Table 2	Conc	rete, for	m &	Others	*	
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			,			(ਜੀ) (nੀ)	
No W: C.	L L,	Lz 2 L3	4 45	BS	· · V1	V2 V3	TOTAL
17 100 1.8	25.0 11.0	50 0	15:9 8.2	40 1	5 184	1.5 100.	2 2841
18 100 18	11	1 1	!	!	{ 	k	1 1
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20 10:0 1.8	7 1 1	1 2 1 1	1 1	1 1	1 1 -	11 1	, ,
25 3.0 7.7 - 30 3.0 1.7	11 1 -	1 1 1	8 1	} '	1. 1	11 1	11 1
4. 4. 2.	5	, F*	Ex.	1.0	111		
2 WET MAS	ţ.	LINING				-	
1. CANAL	BED				•	*	
	LIXLXC	7.3	· · · · · · · · · · · · · · · · · · ·				
2. CUT- 0	F		2 2	•	· .		,
Vz=	(0.2+0.5)x=	x0.4x1	PK 45				-
3. OPENI	VG FOR	TION	· · · · · · · · · · · · · · · · · · ·	<u> </u>		, J	
13/4 1/3 / V3 =	+ (La+L-H	7.	C x03x2			* **	
	+.(B+0.6)	\			· 1	4	. 5
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- Ya =	LaxLxC	19 Mar ()	The radio yet in	, A 177 .		2	A 25.5
The state of the s	+ /2 C×(L-L5 +c)	x 0.3''				72.3
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	Table	2 (Concret	e, for	w 🐔	Others	•	4 2 47 4
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1	V, Ta	V2 .	ž. V3	³ Vu	, , , , , ,		1	
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Z	69.00	2.80	42.53	12.91			132 24	
· ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	69.00	7.80	39.69	23.91			135 35	*
4	66.00	2.80	44.47	12.95		} 	126 22	
7	69.00	2.80	55.47	23.15.			150 42	
· 8	33,25	3.50	10051	16.43	, -		203 69	
9	82.50	3.50	92. 79	18.68			197 47	
	82.50	3,50	77.4.9	21.70			18519	
· /2	66.00	2.80	37.5%	37.7/		`	14002	
13	66 00	2.80	44.41	≥7. <i>75</i>		ļ	101 16	. ,
14	66.0C	2,80	4441	15.95			129 16	
15	84.00	٥٠.٤٥	92.79	48.68		,	228 97	
:16.	82.50	: ઝ.જ	72,87	24.70	ş (A		18357	,
17	82.50	. 350.	27.3C	10:20%	·		177 50	
18	35.50	3,50	78.23:	14.20	, , , , ,	,	181 43	
19	84.00	.370,	<u>~78.87</u>	14:20			18067	
20		্বৈত্ত 🚈	73.36	26,95	₹ & .		190 06	
25	34.08	×2.24	48.00	17.08	,		10/ 40	22 6 8
30	19.60	224	49.76	17.32	1. 7. 34.	200	72.92	34 <u>.</u>
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				SW.	数数	為為	湖湖	

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STRUCTURE	Table 2 Concrete, for	m &	Others		
Kinds	Calculated Process	v Unit	Numbers	Total-	Remarks
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		\$	φ <u></u>		The boar or representative
			55	- 7	
	7		7		223
			.0.		1
	The second secon	i			
			:		
() EARTH W	ORK		*e		
- / EXCAV	ATION OF INLET OPE	NING			1
V/=	(4,+1,5)x = x0.5,x(W,+ W2)	, <u>, , , , , , , , , , , , , , , , , , </u>	*** \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
2 STR/7	PING FOR MASONRY LIN	ING		1 · · · ·	- :
V2=	EQUAL TO MASONRY VO	17			7,000
		ΤΟΤΑ	<u> </u>	+1/2 =1/2	
William Co. Vine College	SONRY LINING	The state of	AGT SE	7 1 5 1 W	
	V. CANAL BED				
of the participants that is	10.0 × L × 0.3 L CANAL SCOPE		12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
The state of the second of the second second	[1,x(L-Wi-ZWz)	0	1.843	ζ ² = σ.ο	
WALL OF PRINT	THE PROPERTY OF THE PROPERTY O	A 1 4 1 10	Same and the same of the same	- 49	14.000

* PzxW, +PP, +Pz)xWz/x0,3x Pz=V,3+26====29/

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3.11	Table 2 . Concrete, for	m & (Others	ه د د د د د د د د د د د د د د د د د د د	
Kinds	the part of the same of the sa	.Ûnit			Remarks
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	+ /W+2+0.52 x(1.5+L) x = x2)	0.3			
Vz =	. 13 x (1-W1-2W2) x0,3.	. 1		P3=VL3	I
1 2 2	+lax Wix 0.3+ (Batla)x 2x2W	=×0.3		(4. /L.	r(달)*
4 CUT- 0	_		, ,	-	
l	(0.3+0.5)x04x7 x1 +0	į į	i .		7
1 . '	= 0.16xL +0.15xL =		<u>L'</u>		
	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	VM = V3+V4+V5+V6+V	7			
DRYE STO	NE PITCHING	,			
	= 10.0 x.Lx0.3 = 3.0x	<u></u>		1 10	2
Sec. 1	70,070,010	ŧ i	Z =	Wi+2Wz -	14.0:
the state of the s	REP	Į 1		M+Vo	()
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No.5. No.6:	INLET	· · · · ·	*****		,
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No.Z/					
	W2-1.07 (Lize 3:0) Lize /	9. 1	3=2.9		
TO THE PARTY OF TH		产数。 炒点扩	EXC。 "沙漠"	MAS A	PRY STONE
1/0/5×	A STATE OF THE STA	V7.4	VE S	#VH	Vo".
经验证证证证	6 57.00 27.58 7.57 7.50 8	5.87 =	17219	108.64	157.00\s.
No.10 21:45 260 No.21 180 267	4 93.00 32.06 26.13 6.7/	7.66	281.1	167.5/11	75.60. A
140101. 3000 201	ANDARAGISCUS (1878-1878) 美女女女女子	シャクシー	~ V . 3 .]	A 14 met	1. /U. C

INLET. STRUCTURE	Table 2 Concrete, for	m & C	Others		,
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	,
No. 22, No. 23.	No.24, No.27, No.28, No	.29	No. 5/		w
	- 46	1	<u>-</u>		4-300
1.5	B A B 1.5	1 23	_		
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0.85	8 A B	1.5:	<u></u>		
	and the second s	1 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
wher	e: -L4 = Ato 6 + 4 H	7			
	L5 = 15+ (B-2Hi)x4	/		2 (3)	
The second secon	12 = 15+2(B-2H)+	243			The state of the s
	H2=178-H7				
建制的表现的,外最多	MANAGER CONTINUES		A. W. 3		

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	, ,		Tab	le 2	C	oncre	ete, f	or	m' (& .	Ōtl	ners		***		
Ki	ads	` .	(Calcu	lated	Proc	ess		"Un	lt	Nu	nbers	T,o t	a I	Rer	narks
													(n (m	-		
	A	₿-	0	Н,	Hz	W.	Wz	4	/	7		<u> </u>	14		15	16
22	3.0	50	1.89	<i>0</i> .ZZ	2.2B	70	1.22	2	7,44	3.9.	ø.	7.22	4.4	01	7.74	25.06
2.3	<u> </u>	5.0	189	<i>I.</i> 17		150	1,22	34	.44	3.9	2	7.22	-	1	 -	_
1'. "						<u> </u>	1.40	1	- :	ł	il	26	ه د	8/	210	12.02
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31	<u>,, 0, 1</u>	3.4	1.00	0.43	1.47	3.0	1.40	<u> / 7</u>	.0	4			*	-	7.66	1218
1,4,7	· · · · ·		·	, ,	1.	 .	<u> </u>						13 - V 14 2 V		110	~~~
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į		1710					~							1	•`	
* *2		//=	6A+ 0	2 6±	(4)	1 × (4,+0.3).	κL		FÇI	Q No	23	V/ =	9	
						-	URFA		l		1.	•				
		VE=	Vot V	<u>ا ح</u>			· .				,,,			; ;	* *:	
2.E/	YBAI	VKH	ENT	·			,				`	" BA.		<u> </u>		
		/B =	(15+1	5)+(/	15+16	JX Z	x H ₂ x	<u>.</u>			-	· †				
		· ·	= (15	+46 +	-3.0)	XHZX	1x \$), - ,	,		1 -	ļ .	;
(2) WE	T /	MASA	ONRY		- 	,	· · · · · · · · · · · · · · · · · · ·				ļ	- ,		 	CAN	<i>A4</i> :
4 y	ž		$(YB^{\frac{1}{2}})$	<u>(3)</u>	<u> +0</u>	.3.)x.Z	x0.3	- d		·	3					OPE'.
333	77.45		(A+O	8-2X	Zx	2.3 °		,	· `	1900		120 E	3.5		B.	ED PV
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	/g-==	YB 7	多):	<u>x / x</u>	03.	18.16		12 × ×	,	<u>`</u>	,			SZ	OPE .
		72	1//21	5	X CHYZ	<u>+ FY2)12</u>	1 7 X 2	2.÷	54 to			1.4	*		CR.F	7.
		/e/= 公公	7,2	VV / X-C 325-2	7.5%	- 4.5 m			***	مر بالمدر از قور	74.5	٠,	VALUE V		CAN	NING.
				3)% (3)%	X 1-1X	V+W2)	יייי איייייי	0						Estate Participation		PPE.
		Vs =	157	- (2) 	× Til	- We	7057	1.3	3	yat.	13				CRE	PF
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	Table 2	2 Conc	rete, for	m &	Others	•	,
Kinds ~	Calc	ulated Pr	ocess	Unit	Numbers	Total	Remarks
		··		l i		(nt) (nt)	
. V9=	(0.3+0.5)	x = x0.4 x	(A+0.6)x	2			CUT-OFF
	+ 0.32 x	<u></u>				:	
=	C.32×1	A+0.6)+	-03×L	<u> </u>		:	
TOTAL	-						
YM=	V3 +. V4	- V5 + V6	+ 4 + V2	+ V2			
3) DRY 570	NE PI	TCHING	<i>y</i>				
V _D =	10.0x	Lx0.3	=3+4	<u> </u>			
-				ļ 			
	EHRTI VE	Y WOFK	·VM	Vo			
No. 22	119.6	1277.3	169.85	70,32		;	
23	94.3	20643	22905	94.3	2		
26	105.7	2=99	99.11	7/4	a		
27	25.9	507.6	91.17	65.40	-	:	
28	30.0	5840	71.54	65.40	,		
	195.4	45.7	1472	59.40	. 3.		
3/	950	<i>337.5</i>	79 78	59.40	•		
**. 		···		<u> </u>			
,	FOR N	0.23 EAR	TH WOR	K			
	V ₁ =						
	VB-	(1.5+B)x2	2x fx gx	2 xL			<u> </u>
		+ (3.0+4.E	3+ A + 2H)x2x=	x H, x	۷	
	* '		*	35 34		***	
	Mar Service Com	Also september 1912	A SE	* 2 * * * * * * * * * * * * * * * * * *	43 34	在中心	1 1 3 3 3 A.
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	KINDS	WEARTH WORK	EXCAUATION	BACKFILLING		2) CONSETTE WORK	KELVEQUED CONCRETE	FORH	REINFORCE LIENT	(3) OTHERS	WET MYSONSY	DKY STOLLE PLICHING	3				- 19 speaker for the state of t		the same of the best of the same and the same of the s					

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WEARTH WORK		- !			 -		; ;	!	}		A Should be taken to the owner of
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2) CONSETE MONK	1				,	1	:	1 3	,		e entre es plus de describe de l'entre es par le l'entre es l'entr
REWEIR'ED CONCRETE on	"ne	38 10	67.90	1947	45,66	6566	56.72	12.25	66.44	1385	72027
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(3) OTHERS				·			,	1			A Company of the control of the cont
SOVIRY	100	432.12	56885	35575	529.72.	52851	470.60	712.30	213.12	407,42	1426.66
DRY STONE PITCHING	175.3	14.50	87.50	i	2160	21 60	1200	5020	0009	14.50	633.90
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KINDS	TIMU	No17	1/10/18	6100	208-7014		770147	150	PETTHKK.		-
W. FARTH WORK			,	-		 -	•	,	1	, #	
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BACK 2717 1,74	m3	479.3	5720	1.336.6	220T 9		1.0163	1	,	;	To the Street Con-
	T	1		1		 i	•			;	1 1 3
(2) CONCHETEWORK	Ī			,	,	,					***
RENYFULLED CONCRETE.	1113	52.50	50 58	60 62	160.04		28,050	*	ı		•
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Reun FONCE MENT	K.9	7431.70	3448.00	88.75.89	65 65761		74.015.77		•		
		:	1	1	•	<u> </u>					1
3) OTHEKS	1		•	-	,			4			, ,
WET MASONNY	£.	460.43	36866	35873	118787		5614,53	•		,	•
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SACK FILLING	X	2.414	6.7/2	8 172	837.8	en de en
	4	•	1		, ;	
(2) CONCRETE WORK			1 1	·		
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FORH	¥	37.97	34.04	34045	106.05	The second secon
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		1	- 4	,	1	
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DRA CUL V		•		Tāble	3	· F	Reiňfor	ceme	ent.				<u>z/4</u>
	Dia	Actual length	/ilook	Joint	Tota		Weight	Weig of Ur	ht.	Number	Total W	right	1
Kinds	(FP)	(m)	length (m)	length (m)	leng (m)		per meter	ol Ur (kg/ui		•	(kg)		Remarks
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \)			, ;	(() / /	(-9/4)			(%)		
<u>No. :</u> (1)	Ø19	- 00							- - - - - - - - - - - - - - - - - - -		******		
(2)				1			2 2 2 6	,	43		1,248	: 1	
<u> </u>	!	2.98	5		1	•	1.042		36		564	-	
4	1	24.88	!	1	i	•	1.042		<u>34</u>	22	645		<u> </u>
()	1	100		1	٠.		2.226		رز0	168	509.		. .
	1 .	1.247	1	1 .		,	1.042		<u>55</u>	14		70	.
	!	3.38	0.16		3	54	0.499		<i>2</i> 2	12	· 21	24	
. 70	7.7A	<u> </u>				!			-		3010	18	
				J		i :		ļ					
No.	2	<u> </u>				: :							
		8.08	1	1 .		58	2.226	_2/	2 <i>9</i>	126	2681	38	
\sim	Ø/3	1	!	:	i	08	1.042	9_	46	126	1,191	96	
- /-	1	24:88	1.20	2.08	28	16.	1.042	29	34	18	1400	<u>3</u> 2	-
	Ø19		0.36			36	2.226	ت	23	168	509	04	<u> </u>
	Ø/3	i	0.24	<u></u>	/_	487	1.042		<i>55</i>	32	- 19	60	
(6)	09	8.48	0,32	0,36	2	16	0.499	- 4	7ک	12.	54	84	
707	AL		, 			<u> </u>			ļ		5,895	04	
	ļ	- 				<u></u>			<u>;</u>				
No.	3								, !				
<u>(/)</u>	019	9,98	0.72	0.76		46	2.226	25	5/	126	32/4	<u></u> 26	
	Ø/3	_9.98	0.48	0.52		98	1.042		44	126	1401	44	-
							1042		<i>34</i>	82	2405	88	
	1		" . w . "		J		2226	7	03	168		* v	
		1247				:	1002		55		3, 1	10	
	09						0.491	1 1	ς <u>΄</u> Ζ	1 7 3 2 5 3		No. 17	
· TO	TAL	***			1	,) 1 5 7 V		7,		7.701	, 1	8.
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			,	· · · · · · · · · · · · · · · · · · ·				<u> </u>					2/3
DRA CULI				Table	3	F	Reinfor	ceme	ent.	,	•		
V:1.	Dia	Actual length	Hook length	Joint length	Tota leng	ıl ·	Weight per meter	Weigh of Un	nt it	Number	Total W	eight '	
Kinds	(EE)	(m)	(m)	(m)	(m))	(kg/m)	(kg/ur	nit)		(kg)		Remarks
No.	4					,							
	Ø19	7.48	0.72	0.76	8	96	2.226	19	94	126	25/2	44	
	Ø/3	7.48	0.48	052	8	48	1.042	8	84	126	/1/3	84	<u> </u>
		24.88			28	16	1.042	<u> 29</u>	<i>3</i> 4	54	1504	36	
		1.00			!-	36	2.226	<u>ج</u>	<u>03</u>	168	_ 509	04	
	•	1.247	0.24		/_	487	1.042		<u>55</u>	<u> </u>	_55	80	
(6)	Ø9	. 7.88	0.32	0.36	8_	56	0.499	4	27	12	51	24	
. 70	2.TA	<u> </u>	•								5,826	72	
- u.		1											Thinks on the second se
No.	5					-							
$\overline{}$,	•	7	5		:	2.226	ł	67		,		
	. 1					:	1.042	_		168	'	,	
$\overline{}$. [Z4.88 1.00	1	l .			1.042		<u>34</u> 03	168	2288 509		
	1	1.247	1	l i			1.042		55			60	
\sim			1		i .		0.499		38	12		56	
	AL	713 90					- K. F / / -				10371		
													-
No.	6												
	019	7.48	0.72	0.76	8	96	2.226	19	94	126	25/2	44	···
	0/3	7.48	0.48	052	- B_	48	1.002	8	84	126	1/13	84	
	Ø/3	24.88	120	208	-28	<u>/</u> ś	1.002	22	:34:	13.54	1584	36	د چومه کناس میلید در چومه کناس میلید
<u>4</u>	0/9	1.00	0.36		× 7	ઙ૽ૺૼ૬	2.226	**************************************	હેર્	168	<i>ें 50</i> 9	01	
5) <u>0/3</u>		1.57				1.042		<u>55</u> .	36.	** <u>*</u> ** <u>*</u> **	80	
<u>(</u> 6	Ø9.	7.88	0.32				0.499		27	12	(2)	24	
-70	AL	1 1 m	, ,	**************************************	100 g	raj j	<u> </u>		<u>ئ</u> د ر ه		5826	72	
	-				oner utama		2			<u> </u>		-	
•		1	<u> </u>	i '		:		1 . 7		ı	Į.	: 1	

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DRA CULV				Table	3	F	Reinfor	ceme	nt.		•		. ,
Wt-a-	Dia		Hook length	Joint length	Tota lengi		Weight per meter	Weigh of Un	ıt it	Number	Total We	eight '	D
Kinds	(EF)	(m)	(m)	(m)	(m)		(kg/m)	(kg/un	it)		(kg)	,	Remarks
No.	7											!	
$\overline{(7)}$	019	7.48	077	17/	o	94	2 22/		94	12/	z\$/2	11	
(2)	9/3		ł	1	1		2.226		Ξ.			1	
· (3)	1	7	! .	l			1.042		24 21			- 1	
	!	24,88	,	i		į	1.042		34	54	1504		
	1	1.00	1	{	1		2.226		33		509		
(5)	1	1.247	t	}			1.042		55	1	25	80	
(6)	Ø9	7.88	0.32	0.36	8	<u>56</u>	0.499	4	<i>2</i> 7	12	51	24	
70	TA	<u> </u>	·	-			-				5,826	72.	٠
- , .			ļ	<u> </u>	<u> </u>								
No.	8	ļ	<u> </u>							ļ			
_	1	4.98	1			34	2.226		89	121	11.38	69	•
(2)	Ø/3	: 498	0.24		<	22	1.042		44	121	658	24	
		23.88			-22	<u>1</u> 6	1.042	28	<i>3</i> 0	42	1188	60	
4	Ø19	1.00	0.36			یج	2.226	بح	<i>0</i> .3	162	190	86	
<u></u>	Ø13	1.148	0.24			388	1042		45	28	10	60	
_		÷.38	1	i .	ح.	54	0.499	2	76	10	27	60	
ì.	AL	1									3844	59	
													· · ·
No.	9	,			,	:							
(7)	ØZŽ	8:98	080	0.88	10	46	2984	3)	81	16.1	5/21	11	
. (2)	013	W 7.	ł'	1	ĺ	98.	, ,		40		1674	!!	<u></u>
· · ·	Ø/3	آب امس م		1.0					30	62	1754	: j	
	019	P 4.	3.8	St. Terry.		ينو س	1.042		7	:	}	i	
_	ديا		1. 1. C. C.		10		2226	2.2	03	-162	ł	86	
· ~		1.148	1	ł •	1	1	1.002		<u>45</u>	42	1	90	
, , , , , , , ,	Ø9	9.38	10.32	2.36	10	06	0499		ÓZ.			ž0	
_70	TAL		ļ. <u></u> .		}	ļ -				 	9,152	37	4 4
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DRA.				Table	3	F	Reinfor	cemen		-		
Kinds	Dia	Actual length	Hook length	joint length	Tota lengt		Weight per meter	Weight of Unit	Number	Total We	eight	Remark-
	(##)	(m)	(m)	(m)	(111)		(kg/m)	(kg/unit)		(kg)		
No	10					*						
<u>()</u>	Ø19	2.48	0,36		Z	84	2.226	63.	2 121	764	<u>72</u> .	_ •_
2	Ø/3	2.48	0.24			<u>72</u>	1.042	2:8	3 /2/	342	43	
	Ø/3	23.88	120	208	27	16	1.042	28,30	22	_ 622	60	
4	Ø19	1.00	p. 36				2.226	30	162	190.	86	
<u></u>	Ø/3	1.148	0.24			388	1.042	1.10	5 16	<i>23.</i>	20	
<u>(6)</u>	Ø9	2.88	0.16		. 3	04	0.499	150	2 10	15	20	
70	! 2.TA4	' 								2259	0/	
	<u></u>			,		,						
No.	11		<u> </u>									
	Ø19	8.68	0.72	0.76	10	16	2.226	226	2 161	364/	82	
~	1		,	1		1	1042	10 0	9 161	1624	49	
	1 '	23.88	1	i	1		1.042	28.3	٠	1528	20	
4	Ø19	_1.00	0.36		. /	36	2226	م د	3 162	190	86	
<u></u>	Ø13	1.148	0.29		.* /	3 <i>88</i>	1.042	1.1	5 36	S	20	
. 6	Ø9	9.08	0.32	0.36	9	<u> 76</u>	0.099	18	7 10	48	70	
707	AL	u		 ,						7386	27	 -
, 			ļ 									
Νο	12											
	019	8.68	0.72	0.76	-10	16	2.226	226	2 161	3641	82	<u> </u>
<u>*</u> (2)	013	8.68	0.48	0.52	9	<u>6</u> 8	1062	100	7 161	1624	49	۶ او الله د الله
3	3. 14.	A	1. 2.4 30.77	Territor 1	ارت والمراجع الأور [46.42	1. 多种物"	20.30	The second second	1 St 15 - 16 - 1		
ピッシン	14.5%	4.0	1 m can-	1.5		5 E	10 1 Care	3a		S. W. W. S.		1 C.
	23.54 22"	125.00	1 农事业	San take	A Sec. 2	ng jiya	1430年145月	12	" Sign of the State of the Stat	E. 4. 1800	27.2	5. 7 / ell
1 35° 47' . ~~`	15	187 July 1984	1012	1995年 艺	1. To Beer	4 5 5	165 75 14 15	48.	Sec. 18 3 30 - 1	48	المواقع ا	
70	AL					1.75 2.75	Mar.			7386	2	
	55		3.7.7.	3.5.4	力。		, ,,	\$17.5	13m 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			3
A	1,45	3. 3			4, 2,	, 1 ¹² 1 ₃₄		/#	1 - 1 - 1 - 1		7	in its

													2/2
DRA ÇULV	•	•	•	Table	3	F	Reinfor	ceme	ent.				
Kinds	Dia	Actual length	Hook length	Joint length	Tota ·leng		Weight per meter	Weigi of Un	ht iit	Number	Total W	eight	
Ainus	(sz)	(m)	(m)	(m)	(m))	(kg/m)	(kg/ur	nit)		(kg)		Remarks —-
No.	13				*							1	
_Ø	Ø19	7.48	0.72	0.76	8	96	2.226	19	94	121	24/2	<i>74</i> .	an abress for firstly agaings and w
<u>_</u> @		7.48				48	1.042	8	84	121	1069	4	
ૃ 🚱	•	23.88		ŧ .		16	1.047	28	30	56	1581.	80	
		100			/	36	2.226	٤	ده	162	490	86	
<u>(S)</u>	P13	1.148	0.24			388	1.042		<u>15</u>	38	<u>55</u>	10	
(6)	Ø9	7.88	0.32	P.36	8	56	0.499	4	27	10	42	70	
<i>T</i> c	TAL	<u>_</u>			-	: :				ļ	5,655	84.	
				<u> </u>						-			
No.	14	·	 	 		<u>. </u>			 				
		6.88						18	61	121	2251	8/	
_ (2)	Ø/3	6.88	0.48	0.52		88	1.042	8 ₋	2/	121	_993	41	
_(3)	Ø/3	23.88	1.20	208	z?	16	1.042	-	<i>30</i>	62	1254	60	•
	Ø19	ŀ	0.36		/_	36	2.226	<u> </u>	03	162	490	86	- ·
\sim	Ø13	Í	0,24			3 <i>88</i>	1.042		45	42	_60	90	
6)	Ø9	7.28	1.32	0.36	7	96	0.499	<u>ુ</u>	<u>97</u>	10	39	70	•
.707	AL	:				: -		Í		-	3,591	48	
	_			; !		• -					· ·		
No.	15	 	 			:			: _		·		- 4
\sim	Ø22	l	ŧ	1	· ·	:	2984	•	33	•	5/38		
\sim	1	7.48	1	1		•	1.042		8.4	1	1,661		
\sim	1	27.88	t	t I	A .		1.042		26		*		
_	18.	100					2.226	, ,	03		<i>589.</i>	,	ا جائيدست
	09	1.346					1.042	• • •	65°		-69.		the make
	7.7	7.88	0.32	0.36	8	56	0.489	_ 4	<u>27</u>	12	57		AUGUE
.70	AL					 .					9,552	26	
	-		·		·						····-		-
	1 .	}		ı .		:	: 1	;		Ī	1		

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~	14
~ .	,,

CULV				Table			Reinfor				
Kinds	Dia ·	Actual length [Hook length	Joint length	Tot: leng		Weight per meter	Weight of Unit	Number	Total Weight	: `Remark:
	(na)	(m)	(m)	(m)	' (m)		(kg/m)	(kg/unit)		(kg)	
No.	16					-					
	019	4.98	0.36		<u></u>	34	2.226	118	9 121	1438:69	ļ •
(2)	Ø13	4.98	0.24		مي	22	1.042	54	1 121	658.24	: {
	Ø/3	23.88	1,20	2.08	27	16	1.042	28:3) <i>38</i>	1025.40	i <u> </u>
	019	1.00	0.36	_ 		36	2.226	30	162	490.86	† -
<u>(5)</u>	Ø13	1.148	0.24			388	1042	11	5 26	32:70	, ·
<u>(6)</u>	09	_5.38	0.16			54	0.499	<u>Z</u> , 70	6 10	27.60	!
<i>To</i>	TAL					, ,		<u> </u>	<u> </u>	3,728 49	
	 			.		<u> </u>			<u> </u>		, r
No.	17										i ∔
	019	11.58	1.08	152	_14	18	2.226	3/5	6 107	3376.92	
	Ø/3	11.58.	0.72	1.04		34	1.042	13.9	0 107	1487.30	
③	Ø/3	15.88_	0.7.2	104	12.	64	1.042	18:3	118	7168.84	, ,
(4)	Ø19	1.00	0.36			06	2.226	<i>3</i> .0	108	327.24	'i
(ઙ્	Ø13	1.05	0,24			29	1.042	1.3	1 14	18.76	ı
(6)	109	11.98	0.48	0.72	/3	18	0.499	6,5	8 8	57:64	<u>:</u>
. 707	AL					·				7131.70	1
		~				<u></u>		· · · · · · · · · · · · · · · · · · ·			r
No.	18		ļ 			<u> </u>				 	 -
	019	5.98	0.72	0.76		46	2.226	16.6	1 81	1345 41	
_②	0/3	5.98	0.48	0.52	_6	98	1.042		7 81	588 87	
<u> </u>	Ø/3	15.88	0.72	1.04	17	64	1042	18.3	8 62	1139.56	
\sim	1 . /	1.00	1	i. !		•	2226	· 30	3 108	327 24	
<u></u>	Ø/3	1.05	0.24	- "	*/	29	1.042	<i>و بر</i>	1 10	18.76	
	Ø.S.	. 638	0.32	0.36	-7	06	0.499	ج ج	2 8	28:16	1
_70	AL	, 	.,		··	<u> </u>	<u> </u>			3448.00	

DRA.		-	,	Table	3	F	Reinfor	ceme	nt.	·			
Kinds	Dia	Actual length	Hook length	Joint length	Tota lengt		Weight per meter	Weigl of Un	ıt it	Number	Total Wo	eight	Remarks
	(27)	(m)	(<i>m</i>)	(m)	<i>(m)</i>		(kg/m)	(kg/un	it)		(kg)	-	
No.	19	•	<u>-</u> -		; ; ;								
	Ø22	2.48	0.80	0.88	9	16	2.984	27	<u>33</u>	175	4782	75	
(Z)	Ø/3	7.48	0.48	052	8.	48	1.042	8	84	175	1547	00	
	Ø/3	25.88	1.20	2.08	29	16	1.042	_30	<u>38</u>	54	1640	52	
(4)	Ø19	1.00	0.36		!-	کږد	2.2.26	ی	03	174	527	22	
	Ø13		0.24			29	1.042		<i>31</i>	36	48	24	
(6)	Ø9	7.88	0.32	0.36	8	<u>56</u>	0.499	4	27	8	34	16	·
70	TAL	<u> </u>	·						·		8579	89	
	-			 		-							
	<i>20</i>					· 				ļ			
~	Ø19	1.48	0.36			81	2.226		10	51	209.		
_	Ø/3.		0.24	•	/	7 2	1.042		<i>29_</i>	51	91.	22	
	Ø/3		i i	i	<i>22</i>	40	1.042	,	<u>34</u>	18	_120	12	
	1 1				/	36	2.226		03	134	406	1	
		1.148		1			1.042		45	12		10	
	Ø9	1.88	0.16			04	0.499	/	02	10.]	20	
707	AL										1154	[3	- -
· · · · · · · · · · · · · · · · · · ·						<u> </u>				ļ			
No.				ļ			/		- 4	 	.0.1		
\sim	!	1.68		! !			2.226		<u>54</u>		186		
\sim	1	1.68	1	ľ		!	1.042		00	1		00	
_	1 1	15.88		, ,			1.042		38.	1 .	' '		
\sim		1.00			, ;		2226		23		<u>327.</u> a	`.	
	: :	1.05 2.08					1.042		<u>34</u>	<i>14</i> 8		76 96	
		2.00	0.16		. Z	Z G.	0.499	-, /;	<i>[2</i> .	<i>u</i>	990	; †	
707	171						<i>1.</i>		•	-		10	- '
		· ···											-

					221
NO 1 DRAINAGE CULVEPT	Table 2 Concrete, for	m & (Others,	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(m) (m)	
() EARTH	WORK			<u> </u>	
	B+2C+3.0= 4,		26	, <u> </u>	
	B+2C = Pz			: :	
	1/5 C B	C 1.5			
		100			
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		1,27		120
	and the first and the state of				
	W+2T+10+ h = l3				
	W+2T+1.0+h-42 = la	:		:	A 25.0
				_	5:10,0
	1	7/	33		C . 3.6
		1	انيه	i	H= 1.4
					W-25
	05 T W T 0	5	1		7-09
	W+2T-P=		,		Q= 20.2
	ls+1.0-ls	 			Oz=172
<u> </u>				;	P3 = 9,53
R	= 2+0,3+H+0.6+ = A+S	=4,23			l4 = 7.73
					(5=4.3
	TION				86-53
FOR C	ANAL BANK PORTION	- <u>-</u>			5=1100
	(13+16)x 2 x h	<u> </u>			
	= (9,53+5.3) × = ×4.23 =	a=3/.	32		:
	(l3+lu)x = x 4/2				
	= (9.63+7.73) x = x3.6/3 =	B= 15.	ಚ		
]			

Table	2 Concrete, fo	rm &	Others	•	
Kinds Cal	iculated Process	Unit	Numbers	Total	Remark
`				(nl) (nl)	
ax(l,	+2kx=x2)				
= 3137 /	((20,2+2x4,23) -	399.1			
b×(B+	$(x \frac{1}{2} \times Z)$	ļ			
- 1553	× (100+36) = +	2//2	-		·
		£879	113 ()		
SURFACE STRIP	PPING	ļ <u>.</u>			
INLET AP	RON	 			13=97
(L3×100	D x 0,3 x 2			: 	1
= (9.75)	(100) × 0.6	585			<u> </u>
OUTLET AF	RON	<u> </u>			<u> </u>
Lax(10	10+5.0) x 0.3 x 2				ļ
=9.75 x /	50x06 =	- 878	ļ <u> </u>	•	
CANAL BANI	K SURFACE				
	x Lzx0.3 x 4	ļ			Lz = 8.
i	b) 2 x 8.0 x 1.2, =	i			<u> </u>
f	+(\frac{F}{2} + a1) x L 2 x 0, 3 x 2	٠,			F= 51
)+(5.2 to.1) ×8.0 × 0.6 =	Ţ			
	f(与tal)2×Lzxa3x2	1			E = 4.
= 1(45+0.2)	=+(4.5+01)=x8.0×0.6=	25.2			<u> </u>
		2391	m ³ 2		
TOTAL EXCAVATI		·			-
		<u>-</u>		927.0	1113
		<u> </u>			
·	<u>.</u>				<u> </u>
		-			
·	•				
		-			
		<u> </u>	<u> </u>		

` <u> </u>		<u> </u>		223
Table 2 Concrete,	form &	Others	•	
Kinds Calculated Process	Unit	Numbers	Total	Remarks
			(nt) (nt)	
Z BACKFILL AND COMPACTION				
W+1.0= l7_				11=14
W+0.6 = lB			•	W= 2.5
				7-0.9
				67=3.5
	'	<u> </u>		le - 3.1
T W T				Pr=4.3
W+2T=ls :				
				<u> </u>
(ln+l+)x = x(H+0.3)+l	- I			
= (3.5+4.3)×5×(1.4+0.3)+43×	0.6			
= 9.21 =	d	<u> </u>		1=25.0
$dxA + dx(E+F)x = \frac{1}{2}$		<u> </u>		E=4.5
= 9.21×25.0+9.21×(4.5+52) <u>/</u> <u> </u>			F-5.2
=	3 274.9	2		
O-@	D		4130	77103
			,	
2) REINFORCED CONCRETE			-	ļ ·
SLAB.				<u> </u>
l8 x 0.3 x A		-		
= 3.1x0.3x25.0	<u>-</u> 23.2	5 m3		
END WALL 02				
102 107 117	 -	-		C= 3.6
93 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<u> </u>		-	0= 24
	· ·			<u> </u>
0.31				
(02+03)×+x=(c-D)×(L,+0.	4)×2			
= 0.2(2(3.6-2.4)x(3.1+0.4)= 1.05	m ³		

\ 					224
	Table 2 Concrete, for	m &	Others	•	
·Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(m²)	
CONCR	FE TOTAL			24.30	111 ³
(3) FORM					
(3) FORM	(- W . 02 2) A				NUMEE.
	(n·W+03x2)xA =(1x25+06)x250 =	77.50	m ^z		n = 1
	(0,2+0,3)x \frac{1}{2}x\frac{1}{2}(C-D) \times U	7750			
	0. ztx = (36-24)x4 =	060	וח		4, - 3.1
	1/2(C-D)x2+0,3)x(L,+0,4)x2				
	- (3.6-2.4+0.3)×(3.1+0.4)×2 =	10.50	in 2		
TOTAL		<u> </u>		86.60	2/2
(4) WEX MAS					
4) WET MAS	R 15 x0.6 x (A+5.0)		,		ls= 4.3
	$= 4.3 \times 0.6 \times (2t.0 + t.0) =$	7740	7113		A = 25.0
2. SIDE			05		
	(0.5+T)x =x(H+0.3)-0.3		33.	_	T= 0.9
•	= (a5+0.9) x = x (1.4+0.3)-0.09	,		<u>a</u> 3	H=1:4
	e = 1.10			H	E = 4.5
	ex(A+2x/E2+(=5x5)x2 1.10x(2t.0+/4.52+(4.5)2)x2		4613		
	= 1.10 × (25.0+1/4.5+(-5-))×2	66.07	7,, 3		
	IDE WALL	, , , ,			
	H x 0.3 x A x (n-1)				
	= 1.4×0.3×25.0×(1-1) =	.0	<i>m</i> 3		
	-OFF WALL		· -	·	-
	1 as			-	
	02-, 103	-			
L	111		<u> </u>	<u> </u>	<u> </u>

7	7.	c

				225
Table 2 Concrete, for	m & (Others	•	
Calculated Process	Unit	Numbers	Total	Remarks
			(nt) (nt)	
(0.3+0.5) x = x0.5 x (ls + Ex +	(2)			P5-4.3
0.20×(4.3+4.5×=) =	131	P) (5)		E = 4.5
16 1,+2,+3.+4.	144.78	m³ @		
IRY LINING				
APRON	<u> </u>			
L3 x 10.0 x 0.3 x 2 =	5850	13.3		L3=9.75
				C = 3.6
	2925	in T	<u>; </u>	L1= 3.1
, 				12 = 80
	l .			E = 4.5
	1	_{In} ut		F - 5.2
	1	٠		B =10.0
		A1		
	i	•		
	25.22	ווע		
	48.00	س برر		<u></u>
•	40.00	<i>//</i> /		
•				+
	/ 32	<u>.</u> З		04.
,				0.3.
-		<u>"" </u>	388.11	0,3
The state of the s			7	
PITCH-ING-		L		
10.0 × L3 × 0.3 × 2 =	,		58.50	_m 3
	Calculated Process (0.3+0.5) × ½ × 0.5 × (ls + E × ½ / 0.20 × (d.3+4.5× ½) = AL	Calculated Process Unit (0.3+0.5) $\times \frac{1}{2} \times 0.5 \times (l_5 + E \times \frac{1}{4} \times 2)$ $0.20 \times (0.3 + 0.5 \times 1) = [3]$ AL $1+2,+3,+4$. 144.78 IRY LINING APRON L3 × 10.0 × 0.3 × 2 = 5850 TAPRON L3 × 5.0 × 0.3 × 2 = 7975 SLOPE SURFACE $\sqrt{C^2 + (9^2)^2} \times (l_2 + \frac{l_2}{2} + 0.2) \times 0.3 \times 1$ $\sqrt{(E+0.2)^2 + (5^2/2 + 0.1)^2} \times (8.0 + \frac{31}{2} + 0.2) \times 1/2 + 1/2 \times 1/2$	Calculated Process Unit Numbers (0.3+0.5) $\times \frac{1}{2} \times 0.5 \times (ls + E \times \frac{1}{4} \times 2)$ 0.20 $\times (4.3 + 4.5 \times \frac{1}{2}) = 31 m^3$ (11. 1.+2.+3.+4.	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$

1 1/ 5					226
No. 2 DKYUNAGE CULVERT	Table 2 Concrete, for	m & (Others	•	
Kinds	. Calculated Process	Unit	Numbers	Total	Remarks
		1		(nt) (nt)	
DEARTH N	ORK				
	B+2C+3.0= l.				A=250
	B+2C-l2 15 C B	L - C - 145	2/	2 ;	B-100
					C-3.6
					W= 22
<u> </u>		8			H = 1.0
Attacher 1		->- ; - 1:	· · · · · · · · · · · · · · · · · · ·		7=08'
		ļ			S = 1/150
	UN+27+20+R= ls				1. 20.2
	JW+2T+20+2-2-ly		<u> </u>	;	lz=17.2
					6=13.98
	<u> </u>		#	84 :	ly-12.18
		-	<i>3</i>	921	l= 9.2
		\			16-102
<u> </u>	95 7 W W W	7 05			<u> </u>
	SW + 2T + 1.0= Rs_				
	SW+27+20= PB				
<i>C</i> -	C. 62. 11. 61. 51.12	2 50			
	5+03+H+06+ ZXAXS	= 3 70			
/. EXCA VA	TION				
	NAL BANK				
EUX W	(l3+l6)x = x R		1		
	=(13.98+10.2) x = x 3.78 =	a=1t	70		
	(l3+l4)x = x 4/2		1		
	= (13.98+12.18), = 36/3 =	6-23.0	2		

	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remark
				(nt) (nt)	
·	$ax(l_1+2l_1+2l_2)$				
	= 45,70 x (z0.2+2x378)-	1268.6			<u> </u>
	bx(B+(x=x2)				<u> </u>
	= 2354 × (100+3.6) = (-)	320.1			
		948.5	113 (1)		-
SURFAÇ	E STRIPPING				
	ZET APRON				L3=12
	1/3×100 × 0,3×2	_			
		23.8			
001	TLET APRON				
	(3×(10.0+5.0)×0.3×2				<u> </u>
	ì	110.7			
<i>CA</i> A	VAL BANK SURFACE VC2+(5) × L2×0.3×4		 		Lz= 8
	= \(\frac{36}{36} \cdot \frac{36}{2} \times \frac{3}{2} \times	38 h			. <u> 4 2 7 . CA</u>
	(F+0.2) + (=+a1) xL2x0,3x2	i			F= 4.
	$= \sqrt{(4.1+0.2)^{2} + (\frac{4.1}{5} + 0.1)^{2} \times 8.0 \times 0.6} =$	Į.			
	V(E+0.2)+(=+01)2 x L= x 0.3 x 2	,			E = 4.
	= $\sqrt{(4.4+0.2)^2+(4.4+0.1)^2} \times 8.0 \times 0.6 =$	24.7			
		2709	m ³ (2)		-
TOTAL F	XCAVATION VOLUME		 		
	Ø + Ø =			12191	<i>pp</i> 3
		ļ			
					
······································		<u> </u>			-
···,,		<u> </u>			-
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		<u> </u>			1 .

	Table 2 Concrete, for	m &	Others		220
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
2 BACKFILL	AND COMPACTION				11- 10
					w= 22
					7= 08
H	W 25 W 25 W	\	1110.3		7= 8.6
<u> </u>		4	26		Po = P2
	77	-			R= 9.2
	Q5				
	•				
	(lg+ls)x = x (H+0.3)+0.6x ls				
<u>=</u>	(86+92)×5×(10+03)-06×9.2				
i	d=17.09			:	A= 25.0
	$d_xA + d_x(F+E)x_z$	/			E= 44
	17.09 x 25.0+17.09 x (1.)+44) x			:	F = 4.1
	(3) = (7)-(9)=	499.9		1101	٠
				448 6	<u> m</u>
3) REINFORCE	D CONCRETE				
SLA.					
	88103XA				<u> </u>
	= 8.2×0.3×25.0 =	61.50	عورود		,
END.	WALL 02				
					C= 3,6
-			-		D= 2.4
	(0,2+0.3)x=x=(C-D)x(L,+0.4)x	2	ļ		LI= 8,2
	02(x = (36-24)x(82+04)x2=		'\		
TOTAL				64 08	Ris

Kinds	Calculated Process	Unit	Numbers	Tota	ıl	Remark
	•	;		(nੀ) (nੀ)		
3) FORM						
	(3W+03x2)xA					
	= (3x2.2+0.6) x25.0 =	180.00	ın≥			
	(0.2+0.3)x = x = (C-D)x4					
	= 0.25x = (3.6-2.0)x4 =	060	// ²			
	(1(C-D)x2+0.3)x(L,+0.4)x2					
•	= (3.6-2.4+03)x(8.2+0.4)x2=	Į	/A 2			
TOTAL				206	40	m =
			_			
•						
•						
•						•
· · · · · · · · · · · · · · · · · · ·					`	
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	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
	•			(nt) (nt)	
(1) WET MA	SONRY			; ;	
· A 1 FLOOR					ls= 9.2
	ls x0.6x(A+5.0)	<u></u>	!		A = 25.0
	-9.2×0.6×(25.0+5.0) =	165.60	7113		
Z. SIDE W		ļ	10.5		
	(0.5+T)x = x (H+0.3)-0.32	0.3	11-1	-	T=0.8
	(0.5+0.8) × 5× (1.0+0.3)-0.09				H= 1.0
t	e = 0.76	<u>H</u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.3	E=.44
	ex(A+2x(至+(等)*x =) x2		3.27	<u> </u>	
	- 0.76×(Zt.0+/413(4.4)2)×2	1			
=	,	45.48) ₁₁ 3		
<u>\$/NSIDE</u>	WALL.		د د	<u> </u>	
4		15.00	ות_		
4 (1)1-0	FF WALL.				
			_	•	
	as		1		
	- John				
	(0.3+0.5)x \$ x0.5 x (05 + Ext.	(2)		-	
	= 0,20 x (9,2+4.4×=) =		\ 3 h1		
<i>SUB</i>	4 1+2.+3.+4 -	228.36	m34)		
-	,		•		_
B. WET MASO	WRY LINING .	<u> </u>	ļ		
I. INLET	APROM	ļ			-
	L3 x 10.0 x 0.3 x 2 . =	73.80	n 3		L3 <i>=12.</i> 3
2. OUTLET			_		
	L3 x 5. 0 x 0.3 x 2 =	36.90	m		
		1	1	<u>'</u>	

					23/
	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(ni)	
3. CAN	L SLOPE SURFACE				c-3,6
	1(21(5)2 x (L=+ = +0.2)103x	2			4 8.2
=	13.62 (36)2 x (80+ 82 +0.2) x1.2=	59.41	ms .		V 80
	(F+0.2)2+(5/2+0.1) x Lz x 0.3x Z				F= 4.4
=	V(4.1+0.2)2+(4-1/5+0.1)= x 8.0 × 0.6 =	23.08	محالهم		F 4.1
•	(E+02) + (E5 to. 0 - Lix0.312				
· =	V(4.4+0.2)2+(44/2+01)2 x 8.0 x 0.6 =	24.69	الراد (ال		
1CAN	IL BED				
	Bx2770.3x2		٠,		B=10.0
	}	48.00	-	,	
5_CUT	OFF OS				
	1		· ·	<u></u>	
	07				 ,
	0.3-				
	(03,05)x = ×6.4 x(2B+2L3)				43=12.3
	0.16x(Zx10.0+Zx12.\$) =	7.14	711 ¹³ .		
SUB - TO	1	273.02			
•					
WET MISON	PY TOTAL OF 5 =	 		50/ 38	23
5) DRY STOP	E PITCHING				
	10.01/s x0.3 x2" =			_7380	70.7
<u> </u>		<u> </u>			
<u> </u>		 		<u> </u>	٠, ١٠
			<u> </u>		× .
And the control of th			,		

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1				<u></u>	<u>232</u>
NG 3 DRAIMAGE CULVERT	Table 2 Concrete, for	m &	Others	•	
Kinda	Calculated Process	Unit	Numbers	Total	Remarks
				(nt') (nt')	
1 EARTH	WORK				
	B+2C+3.0= l, B+2C= lz		28		
[
	7,3 C B	7.5			
		120	Je ja		
	and the sail to the sail to be some attitude of the sail of the sa		. 207		42
<u> </u>	The state of the second	<u> </u>			<u> </u>
	a the la				-
	$l_6 + h = l_3$ $l_6 + h - l_2 = l_4$				
ļ -	16 + R - 172 - XA				A =25.0
\-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			1		8=100
	ال المراجعة والمراجعة المراجعة المراجعة المراجعة المراجعة المراجعة	Stell Lange	2)	7	1C=3.6
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			4/	94	M= 20
,	the state of the s				T = 09
	05 T W W W W	Ta	\$		G= 202
	as as o.s _AWt2T+1.5 = ls				G= 172
	l5+1.0=16				63 - 16.63
R	= = +03+H+0.6+ =xAxS	=4.33			lu=14.83
		ļ			ls=11.3
1. EXCAVA	TION				P6 = 12.3
FOR C	ANAL BANK PORTION	· 			5-1100
	(13+16)x 7 x h		 		
	1 21	a-	62.63		· .
1	(l3+lu)x = x 4/2				
	-116.63+14.8.3)x 5. y 3.4/5 =	<u>b =</u>	28.31		· ·
					 -
<u> </u>		<u> </u>	<u> </u>		[

Kinds	Calculated, Process	Unit	Numbers	Total	Remar
				(ਲੀ) (ਸ਼ੀ)	
	$ax(l_1+2l_1x\frac{1}{2}x2)$				
	= 67.63× (20.2+2× 4.33) -	18075			
	$b \times (B + C \times \frac{1}{2} \times Z)$, 		_
	= 2831 × (10.0+3.6) = (-)	<u> 3850</u>			
		1472.5	10 EW		ļ
SURFACI	STRIPPING	<u>-</u>			
	APRON				Lz=15.
·	(L3×100) x 0.3 x 2				
•	=(15,25×100)×06 =	91.5			_
001	LET APRON				
	L3x(10,0+5,0)x0.3x2			()	
	=15.25x15.0x0.6 =	/37.3			
CAN	AL BANK SURFACE			:	
····	102+(5) x L2x0.3 x A				12=10
······································	= \(\frac{3.6^2 \left(\frac{3.6}{2} \right)^2 \times \(\left(0.0 \times \left(1.2 \right) = \)	1		,	
	(F+0.2) + (=+a1) x1 2x0,3 x2				F= 51
	= V(53+0,2)2+ (\$3+01)2x10,0x0,6=	36.9			
	VE+02)+(5+01) × L2 × 0.3 × 2	22.5			E=4
	= \(4.8+0.2) + (4.8+0.1) × 10.0 × 0.6=		3.6		+
TOTAL -	VCAVATION 1 WOLLING	13	m ³ 2		-
_/U///LE	XCAVATION VOLUME ()+(2) =	<u></u>	,	1770.0))1 ³
	1		<u> </u>	77700	
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Ů.		-	· ·		

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Table 2 Concrete, for	m &	Others	•	···
. Kinds Calculated Process	Unit	Numbers	Total	Remarks
			(m ⁱ) (m ⁱ)	
Z BACKFILL AND COMPACTION				
4W + 15 + 10 = 67				H= 1.5
0.2- <u>4W+1.5+0.6= l8</u>		<u>22</u>		N= 2.0
	11.792.0	4403		T-0.9
	*\	7	· · · · · ·	C7=10,5
	V T	0		ls=10.1 ls=113
				<i>VS-7/3</i>
(l+ l+) x = x (H+0.3)+l5x0	36			
= (10.5+11.3)× = x(1,5+0.3)+11.3×0	i			
= 76.10 =d	·			A=25.0
$dxA + dx(E+F)x\frac{1}{2}$				E=4.8
= 76.40 x 75.0+2640 x (4.8+5 3) x]			F = 5.3
	793,3			
()-(3)	<u> </u>		629 2	Mas
DREINFORCED CONCRETE				
SLAD				
l8 x 0.3 x A				
= 10.1×0.3×25.0 =	25:25	ک بیر		
END WALL 02	 			
	 			C= 3.6
93 / Z(C-D)		,	.	D=2.4
\\ <u></u>				4=10.1
. 831 8				<u> </u>
(0.2+0.3) × = ×= (C-D)×(L,+0.4)×	}	· .a		
$= 0.25 \times (3.6-2.4) \times (10.1+0.4) =$		m ^s	<u> </u>	<u> </u>

		·		·	23.0
	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
CONCRE	TE TOTAL			<i>78.9</i>	O mis
FORM					
	(n.W+03x2)xA.				NUMER Nº OF BU
	= (1x z.0+0.6) x = 5.0 =	21500	un*		12=4
	(0,2+0,3)x = x = (C-D) ×4	· · · · · · · · · · · · · · · · · · ·	,		
<u> </u>	0.26x = (3.6-2d) x 4 =	i -	ni -		L,=10.1
	\[\frac{1}{2}(C-D)\times 2 + 0.3)\times (L1+0.4)\times 2 \((3.6-\times .4+0.3)\times (10.1+0.4)\times 2=		2		
TOTAL	(3.6-2.470.3) * (70.17 0.4).2)/00		217.1	() n/2
<u> </u>		<u> </u>			_
WET MAS	1	·			
H. J. FECKI	= 11.3 × 0.6 × (Z5.0 +5.0) =	20341	خرر		B= 11.3 A=25.0
2. SIDE			<i>a5</i>		
	(0.5+T)x = x(H+03) -0.3	Ç	3.		T=0.9
	(0.5+0.9) x = x (1.5+0.3) - 0.09		6 1 6	<u> [a,3</u>	H=15
<u></u>	e= 1.17			4	E 4.8
	ex(A+7x\E2+(\frac{1}{2}\frac{1}{2	 	T-		_
<u> </u>	11/ x (25.0+14.8+(=) /*2	71.06			
3. INSI	DE WALL	77.00	_		
	H x 0.3 x A x (n-1)				
	1.5 x 0.3 x >5.0 x (4-1) =	<u> 33.75</u>	m³		_
4. CUT	-OFF WALL				
·	NZ -			<i>-</i>	
	0.2- (2.3)				

•	Table 2 Concrete, for	rm &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(m') (m')	
	(0.3+0.5) x 2 x0.5 x (ls +Ex)	(2)			P5=11.3
	0.20 × (1/3+4.8× =) =	274	rji ^{co}		E=4.8
SUB - 701	AL 1.+2,+3.+4.	3/095	n3 @		
B. WET MASO	MRY LINING				
1. INLE	APRON				<u> </u>
	13×10.0×0.3×2 -	9/50	وررا		43 15.25
· 2 QUTLE	T APRON			;	C=36
	L315.0x0.3x2 =	4575	17)	· · · · · · · · · · · · · · · · · · ·	L= 10.1
3 CANA	SLOPE SURFACE				1.2=10.0
	VC=+(42)= x(12+ = +0,2) x 0,3	4			I= 4.8
<u>-</u>	= 13.62 (3.6/2)2 x (10.0+10.1 +0.2) x/.2	13.66	יית		F = 5.3
•	V(F+0,2) + (5/2 +0.1) x L2 x 0, 3.	2			
	V(5.3+0.2) + (53/5+0.1) × 10.0×06	36.90	יט ומ		
	V(E+0.2)+(4/2+0.1) × Lzx0.3×2			:	
3	= V(4.8+0,2)=(48/2+01)2×100×0.6=	3354	יינון		<u> </u>
4. CANA	BED				<u> </u>
	Bx42 x03 x2				
	= 10.0 × 10.0 × 0.6 =	6000	س ازر	0	15
5. CUT-	OFF WALL				<u> </u>
	(03+05)x= x0.4x(ZB+ZL3)	ļ			
	0.16x (Zx10.0+Zx15.Zt)=	808	n 3		0.4
SUB-7	OTAL: =	3494	135		C13
WET MASO	VRY TOTAL #+5 =			660.3E	2 113
5) DRY STON	F PITCHING				
	10.0 x L3 x 0.3 x 2 =			91.50) , s

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No. 4 DRAINAGE CULVERT	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
DEARTH M	ORK				
·	B+2C+3.0= l.				A=25.0
	B+2C-l2 45 C B		21	, ;	B-10.0
					C=3,6
	3 1		No.		W= 2.0
		8	•		4=12
					7=0.8
	,				S = 1250
	UN+2T+20+R= l3				l,= 20.2
	JW+27+20+6-5-lu				l2=17.2
	S.		7		P3 = 13.55
	manufacture of the second seco			2	la=11.75
		1,	7		Pg= 9.6
,		2002			
-	95 T W W W	T a5			
	- W+ 2++10= P5				
	WH2T+ 20= PA				
		ļ	· · ,		
R=	C+03+4+06+ =xAxS	<i>= 3.9</i> 5			
	<u> </u>		`		
EXCAVA	TION				
	VAL BANK	ري.	,		<u> </u>
	(l3+l6)x = x R				-
	= (13.55+9.6) x = x 3.95 = 1	2=45.	72		
	(l3+l4)x = x 9/2	,			
	=(13.55+11.75) x = x3.6/2 =	5 = <u>22.</u>	77		
			<u> </u>		<u> </u>

	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
	ax(l,+2kx = x2)		 		
	= 45.72x (20.2+2×395) -	1284.7			
	bx(B+ (x=xz)			· · · · · · · · · · · · · · · · · · ·	
·	= 2277× (10.0+3.6) = (-)	3097	 		
		975.0	13 ()		
SURFACE	STRIPPING				ļ
	FT_APRON	ļ 			L3=12.0
	(13×100) × 03×2				
	$=(12.0 \times 10.0) \times 0.6$	720			ļ
007	FT AFRON				
	L3x(100+5,0)x03x2	<u> </u>			· · · · · ·
	=120x15.0x0.6 =	108.0			ļ
CAN	AL BANK SURFACE				ļ
	1021(5) × L2×0.3× A	 	•	:	Lz= 8.0
	= 13.67 (36) × 8.0 × 1.2 =	38-6		ļ	
	(F+0.2) + (F+01) xL2x03x2	<u> </u>			F= 4.4
	= V(44+0,2)+(44+01) × 8.0 ×0.6=	24.7			<u> </u>
•	· (E+0.2) + (=+01) × L = x 0.3 x 2			<u> </u>	E=4.4
:	= V(11+0.2)=(4.4+0.1) x 8.0 x 0.6=	24.7			
		268.0	m³ (2)		<u> </u>
TOTAL E	XCAVATION VOLUME	ļ 			
, , , , , , , , , , , , , , , , , , ,	Ø+2 =		<u> </u>	1243 0	1113
					-
·					
	<u> </u>	<u></u>			
*					•

Kinds	Calculated Process	Unit	Numbers	Total	Remarks
	·			(nt) (nt)	
2 BACKFILL	AND COMPACTION				H= 1.2
	- WY10106-88				W= 20
	13 6 E		Ī		7=08
Н	w g w g as	1	HTO.3		17= 8.0 60= 7.6
	State of the state	5	26		Pr 86
	T7				
	<u></u>				
	(l7+l5)x2x(H+0.3)+0.6xP5				<u> </u>
	(8.0+8.6) x = x(1.2+0.3)+0.6x	8.6	-	· •	ļ
	0=17.6/				W-25.0
	d x A + d x (F + E) x 2 1761 x z 50+17.61 x (4 4+40	n× =		•	F-14 F-14
		5/7.7	-		4-1-1
	Ø- 9 =	1		4t7.3	יייווני
2) REINFORCE	D CONCRETE				
SLA					
	\$8×0.3×A	· · · · ·	م	<u>;</u>	<u> </u>
END		<i>57.00</i>	n ·		-
	WALL 02.				C=3,6
	0 ₃ 31				0=24
2	20.3				L1=76
	(0,2+0.3)x= x= (C-D)x(L,+0.4)x	<u> 2 . </u>			
	0.25 x = (3.6-2.4) x (7.6+0.4) x2=	2.40		•	
TOTAL				59 40	Nig.

	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
		1		(m') (m')	
(3) FORM			 	•	
	(3W+0312)xA				
	= (3×2,0+06)×25.0 =	165.00	<i>yn</i> ≥		
	(0.2+0.3)x = x = (C-D)x4				
	= 0.25 1 = (36-24) 14 =		//: L		
	(1(C-D)x2+0.3)x(L,+0.4)x2	•		:	
· ·	= (3.6-24+0.3)x(7,6+04)·2=	24,00	///	· · · · ·	
TOTAL				189 60	m -
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	Table 2 Concrete, for	m & (Others.	•	
Kinds +	Calculated Process	Unit	Numbers	Total	Remarks
				(n!) (n!)	
WET MAS	ONRY				
4 1. FLOOR		 			4 86
•	l= x0.6x(A+5.0)	ļ 		·	1-25-0
	= 8.6'x 0.6 x (Z5.0+5.0) =	154.80	ادر <u>.</u>		
Z. SIDE WA	84.4				,
	(0.5+T)x = x (H+0.3)-0.32	0.3	0.5		T=0.8
	(0.5+0.8) × = × (1,2+0.3)-009	ì	20		H= 1.2
	e=0.89	Н	3 EM	1,3	E=44
	ex(A+2x/E2+(=)*x==)x2				
	0.89 x (25.0+/4.42+(0.4)2)x	2	7	` .	
	2,0,7,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	53.26	3		
3. INSIDE	14/4/	30.20	8		
i	HXQ3XAX2 -	1000	س		1
		18.00	<i>(n</i>)		
4 CUT- 01	FF WALL	ļ		· · · · · · · · · · · · · · · · · · ·	-
					
	0.5	 			-
•					-
	02 0.3	 ,			 •
	(0.3+0.5)x \$ x 0.5 x (05 + Ex \$				-
=======================================	0,20x (8,6+4.41=) =	2.16			-
SUB-TOTAL	1+2.+3.+4 -	228.22	m34)		
		*	· · · · · ·		1-2
	VRY LINING	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	· , ,		
_ / ///FT	•	3. 7			-
	L31x10.0 x0.3 x2 =	72.00	, B		43=121
2. OUTLET	APRON	ļ	 	·	
No. of the second	L3×50×0,3×2 =	36.00	/H 33 .		

	Table 2 Concrete, for	m &	Others	•	
' Kinds	Calculated Process -	Unit	Numbers	Total	Remarks
		i i		(nt) (nt)	
3 CAN	ML SLOPE SURFACE	ļ 			C= 3.6
	1(2+1=)2 x (L=+=+0,Z) x 03x	1			4-76
	= \(\frac{36}{36} + \left(\frac{36}{3}\right)^2 \times \((8.0 + \frac{76}{3} + 0.2\right) \times \left(.2)	5796	m ₄	<u> </u>	K== 80
	V(Fr0.2) + (5/2+0.1) x L= x 0.3x Z		3		E= 4.4
	= \((4.4+0.2)^2 + (4.4/2+01)^2 \times 8.0 \times 0 6=	24.69	7910		F-44
	/(E+02)2+ (=1/2+0.1) x L2×0.3×2 - (44+0.2)2+(4-1/2+0.1) x 8.0×0.6=	2169	an ves	'	
	VAL 8ED	64.0/	144		
	B×42×0,3×2				B=10.0
	= 10.0 × 8.0 × 0.6 =	48.00	ل الر		
5_CU7	OFF.	ļ			
,	0.5				
·	0.4	-			
	0.3-			<u>'</u>	
	(03+0.5) x = x 6.4 x (2B+2L3)				L3 =12.0
	= 0.16x(2x/0.0+2x/20) =	1	יוון		
<u> </u>	CTAL	270.38	3		
		1			
WET MASO	VRY TOTAL OF 5 =	-		19860	2 3 .
<u> </u>					+
WDRY STO	NE PITCHING			75.0	
	10.0x1xx0.3x2 =	-		72.00	<u> </u>
					
					,e.
					<u> </u>

	<u> </u>				243
No 5 DYAIWAGE CULVERT	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
() EARTH	WORK			,	
	B+2C+3.0= l, B+2C = Pz		24		
	15 C B	C 15			
					<u></u>
		37.00	-		47
			36.		12)
(Samo tares	The state of the s			<u> </u>	
<u> </u>	ls + h = l3				
	l6 + h - 13 $l6 + h - 92 = 14$				4 000
					A =25.0
			··· //	2	B = 10.0 $C = 3.6$
	Speciment Company of the Company of	Second day	Storens gul		H=14
, in the second			1//	Q.	W 23
-	The state of the s	r4 1415 7	<i>\$\lambda</i>		T = 0.9
	0.5 T W W W W W	/ T a	5		Q,= 20.Z
{	$AW + 2T + 1.5 = l_5$	<u> </u>			Qz = 17.2
,	l5+1.0= l6				ls = 17.73
R	= = +0.3+H+0.6+ =xAxS	= <u>4.23</u>			lu = 15.93
					l-=12.5
1. EXCAVA					86=13.5
	ANAL BANK PORTION				S-1100
	(13+16)x3xh		//		+
ſ		a:=	66.05		
1	(ls+lu)x = x 4/2 -(17.73+15.93)x = x3.6/2 =	45	30.29		
	- 1 // (UT/0./)/ 2 x - /2 =	0=	30,29	$\overline{}$	
					
					

	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Rémarks
			,	(n!) (n!)	
	ax(l,+2hx = x2)				
	= 6605x (20,2+2x 4.23) -	1893.0			
	bx(B+Cx=xZ)				
	-31.29 x (10.0+3.6) = E)	1119			
		1481.1	19 (1)		
SURFACE	STRIPPING				
INL	T APRON		-:		43=15.85
	(L3 ×100) × 0.3 × 2	<u> </u>			ļ
	=(15.85x10.0)x0.6 =	251			
OUTL.	T APRON		<u> </u>		<u> </u>
	Lax(10.0+5.0) x 0.3x2	<u> </u>			
	=15.85x15.0x0.6 =	142.7			
·	L BANK SURFACE		-		
	(C2+(5) xLzx0,3x4	.0.			Lz=10.0
	3.62+(3.6) × 10.0 × 1.2 =	Į		·	
	(Fro.2) + (=+a1) x1, x0.3 x2	1.		-	F= 5.0
	V(5.0+0.2)= (5.0+0.1)= 10.0×0.6=	34.74			F
	V(E+0.2)+(=+01) × L= x0.3x 2 V(4.5+0.2)+(4.5+0.1) × 10.0×0.6=	31.5			E=4,5
	(4.5+0.2)+(-5+0.1) × 10.0×0.6-		" ³ ②		
7074/ =	CAVATION VOLUME .	0.20	<i>m</i> (=)		
	()+2 =	· ·		1833.6	,, 3
•				742 <u>0</u>	["
					* * * * * * * * * * * * * * * * * * *
•					
	· ·				1

	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(m') (m')	
Z. BACKFILL	AND COMPACTION				
	4W+1.5+1.0= Pg			1	H=14
	0.2- <u>AW+1.5+0.6= 88</u>		2.2		W= 2.3
<u> </u>			1403		7-09
\		1 1	17 9		C7=11.7
		V 7			18-113
					Ps=125
					,
	(l7+l5)x = x(H+0.3)+lcx0	3.6			
	(11.7+125) × = x(14+a3)+12.5 x	1			
=	28.07 = d				A=25.0
	$dxA + dx(E+F)x^{\frac{1}{2}}$				E=4.5
	2807×25.0+ 28.07× (4.5+5.0)×=	<u> </u>			F-5.0
	-3	835.1			
	()-(3)		[646 0	177 ^{U3}
2 -					
Y .	D CONCRETE				
SLA	18 × 0.3 × A				
	= 11.3 × 6.3 × 25.0 =	84.75			
ENI	NALL QZ	12.70	<u></u>		
					C = 3,6
	193 1/2 (C-D)	:			D= 2.4
					L.= 143
	6.31				<u> </u>
·	(02+03)x+x+(C-D)x(L,+Q4)x	ł			
=	0.25 x (3.6-2.4) x (11.3+0.4) =		in 3		<u> </u>

	Table 2 Concrete, for	m & (Others		246
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(n¢) (m²)	
CONCRE	TE TOTAL			<i>88.</i> 26	<i>111</i> 3
3) 5024					
3) FORM	(n·W+03×2)×A				NUMBE N: OF BO
	= (1x2.3+0.6) × 25.0. =	2 <u>15</u> .00	m=		n=4
	(0.2+0.3)x = x = (C-D) x 4 0.25 x = (3.6-2.4) x 4 =	0.40	2		1 - 113
	12(C-D)x2+0.3)x(L1+0.4)x2		ni .		L,=11.3
	(3.6-2.4+0.3) × (113+0.4)×2=		m ²		
TOTAL		<u> </u>		280.70	n/ 2
DWET MASO	DNRY				
	ls x0.6 x (A+5.0)				Pr=12.5
	= 12.5 × 0.6 × (zt.0+5.0) =	22500	n1 ³ ,		A=25.0
2. SIDE	WALL (0.5+T)x = x(H+0.3) -0.3		3	-	T=09
=	(0.5+0.9) x = x (1.4+0.3) -0.09	-		a3	H=1.4
<u> </u>	C= 1:10 .			H	E=4.5
Ta	ex(A+2x/E2x(\frac{2}{5}x\frac{2}{5})x2. 110x(25.0+(452+(4\frac{2}{5})^2)x2				
· · · · ·		.66.07	m ³ .		
	DE WALL		5		
٠ مير	$H \times 0.3 \times A \times (n-1)$ $1.4 \times 0.3 \times 25.0 \times (4-1) =$. 3/.50	חוש בי		,
t 4 CUT	-OFF WALL	1			;
,					
,	0.2- 0.3				

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7/1	- /
~ ~ ~	•

			<u></u>		247
	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt') (nt')	
	(0.3+0.5) x 2 x 0.5 x (ls + Ex 2.	2)			05=12.5
	0.20×(12.5+4.5× =) =	295			E=4.5
SUB-TOT	11. 1.+2.+3.+4.	JZ5.5Z	m ³ 🕢		
B. WET MASON	RY LIMING				
. INLET	_APRON				
	L3 x 10.0 x 0.3 x 2 =	95.10	ر ا		Ls = 15.85
2 OUTLE	T_APRON				C=3.6
	L315.0x0.3x2 =	<i>47.55</i>	<i>yy</i> •		L1= 1/3
3. CANAL	SLOPE SURFACE				42=10.0
	VC=+(9/2)= x(12+= +0.2) x 0,3	4		ļ	E = 4.5
	13.6+ (3.65) x (10.0+ 11.3+0.2) x/.	- 76.55	/n ¹³		F=5.0
	(F+0,2) + (5/2+0.1) x Lz x 0, 3x	i .			
=	V(5.0+0.2)+(5.9/5+0.1) x 10.0 x 0.6=	34.88	m ³		
	1(E+02)+(9/2+0.1) × Lzx0.3x2	l.		, !	
	V(4.5+0.2)+(4.5/2+0.1) x10.0 × 0.6	<i>31.53</i>	פיות		<u> </u>
4 CANAL	BED	<u></u>			
	Bx62 x03 x2			-	
	=10.0×10.0× 0.6 =	60,00	<i>יי וון</i>	0	<u> </u>
5. CUT-		<u> </u>			
	(0.3+05)x = x 0.4 x (ZB+ZL3)	,			177
	0.16x(2x10.0+2x15.85)=				0.4
	TAL =	35388	1935)		7-6.3
WET MASO	VRY TOTAL: 4:+ 5 =	<u>'</u>	· · ·	679.40	nig.
C the second		-	•	,	
1 -	PITCHING				<u> </u>
	10.0×13×0.3×2 =			95:10	111 3

	<u> </u>				248
No. 6 DRAINAGE CULVERT	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(n!) (n!)	
DEARTH WO	ORK				
	B+2C+3.0= l. B+2C-l2				A=25.0
	15 C B		2A	-	B=10.0
					C-3.6
	3.1	A STATE OF THE STA	-		W= 2.0
		8	<u>, , , , , , , , , , , , , , , , , , , </u>		4= 1.5
Sharman	and a sum or many of a management of many to providing the sum of	************	1758 - September 250	Deteroit.	7=0.9
					S = 100
1	W+2T+20+R= ls				l= 20.2
	-3W+2T+20+h-5-lu				l ₂ =17.2
					P3 = 14.13
· · · · · · ·	3			84	la-12.33
		\ ,[<i>5</i>	92	ls = 8.8 ls = 9.8
					B- 1.0
	05 T W W W	7 05	-		
	- SW + 2T +10= ls			: •	
	W+2T+20= (6			:	
R=	C + Q3+ H+06+ ZXAX.S	<i>=4.3</i> 3			
	-				
/ EXCAVA	•				
	ML_BANK				
<u> </u>	(·l3+ l6) x + x R				
	=(14.13+9.8) × 5 × 4.33 =	2=57.	9Z		3 3
	(ls+l4)x 2.x 9/2	,			
	= (14.13+ 12.33) x = x3.6/5 =	<u> 55 = 23.</u>	8/		
	OTHER COLOUITIES INTO INTERNET	<u> </u>	<u>L</u>	<u> </u>	<u> </u>

	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(n') (n')	
	ax(l+2kx=x2)			<u> </u>	
	= 5/8/x (20.2+2x4.33) -	1495.Z			
	bx(B+Cx=xZ)				
	-23.8/x(10.0+3.6) = (-)		-		
		1,171.4	1) EN		
SURFACE	STRIPPING				
	T APRON				L3=120
	(13x/0,0) x 0,3 x 2				
	=(120×10.0)×0.6 =	72.0		<u>:</u> -	
	L3 × (10.0+5.0) × 0.3 x Z				
	=12.0 x 15.0 x 0.6 =	1080			
	- BANK SURFACE	700.0			
	102+(5)2 xL2x0,3x4				L= 8.0
ì	V3.67 (3.6) × 8.0 × 1.2 =	38,6		:	
ł	(F+0.2) + (=+0.1) x1, x0,3 x2	İ			F= 5.2
l.	V(5.2+0.2)= (52+0.1)= x8.0 × 0.6=	li .			
	(E+0.2) + (= +01) × L = x0.3x 2				E=4.7
=======================================	1(4.7+0.2) + (4/1011 x 8.0x 0.6 =	<i>263</i>			
		273.9	,,,3 (2)	!	
TOTAL EX	CAVATION VOLUME				<u> </u>
	() + (2) =			14453	113
<u> </u>		- "	,		
-		:	,		7
		, a ·	- 1, 4	, , ,	
•	****		or .		
					1

12	•	_
/ , ,		,

$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		Table 2 Concrete, for	rm &	Others		23.0
Z BACKFILL AND COMPACTION $AND COMPACTION$ $AND COMPACTION AND COMP$	Kinds .	Calculated Process	Unit	Numbers	Total	Remarks
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					1 1	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 BACKFILL	AND COMPACTION				H= 1.5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						W= 20
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						T= 0.9
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		W 95 W 95 W	1	1110.3		ly= 8.0
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$					·	Po= 7.6
		The second of th		26	<u> </u>	Rr- 88
$(l_{7} + l_{5}) \times \frac{1}{2} \times (H + \Omega 3) + 0.6 \times l_{5}$ $= (8.0 + 8.8) \times \frac{1}{2} \times 1.8 + 0.6 \times 8.8$ $= 0' = 20.40 \qquad \qquad 4 = 25$ $d \times A + d \times (F + E) \times \frac{1}{2} \qquad \qquad F = 4.$ $= 20.40 \times 25.0 + 20.40 \times 9.9 \times \frac{1}{2} \qquad \qquad F = 5.$ $= \boxed{3} \qquad \qquad = 611.0 \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad$						ļ ,
$= (8.0+88) \times \frac{1}{2} \times 1.8 + 0.6 \times 8.8$ $= d = 20.40$ $d \times A + d \times (F + E) \times \frac{1}{2}$ $= 20.40 \times 25.0 + 20.00 \times 9.9 \times \frac{1}{2}$ $= (3)$ $= 6/1.0$ $() - (3) = 6/1.0$		25				
$= (8.0+88) \times \frac{1}{2} \times 1.8 + 0.6 \times 8.8$ $= d = 20.40$ $d \times A + d \times (F + E) \times \frac{1}{2}$ $= 20.40 \times 25.0 + 20.00 \times 9.9 \times \frac{1}{2}$ $= 3)$ $= 6/1.0$ $() - (3) = 6/1.0$						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$						
$d \times A + d \times (F+E) \times \frac{1}{2}$ $= 70.40 \times 75.0 + 20.40 \times 9.9 \times \frac{1}{2}$ $= 3$ $= 6/1.0$ $() - 3 = 560.4 \text{ m}^{3}$ $2) REINFORCED CONCRETE$ 51.43 $ls \times 0.3 \times A$ $= 7.6 \times 0.3 \times 25.0 = (7.00 \text{ m}^{3})$ $END WALL$ $0.3 \qquad C = 3.6$		į				
$= 20.40 \times 25.0 + 20.40 \times 9.9 \times \frac{1}{2}$ $= 3$ $= 6/1.0$ $0 - 9 = 5.2$ $2) REINFORCED CONCRETE$ 51.43 $equal 8 \times 0.3 \times A$ $= 7.6 \times 0.3 \times 25.0$ $= 47.00 \text{ m}^{3}$ $END WALL$ $0^{3} \qquad C_{2} - D$ $0^{3} \qquad C_{3} - D$ $0^{3} \qquad C_{4} - D$ $0^{3} \qquad C_{5} - D$	_					A= 25.0
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		l / 1				E=4.7
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$					<u> </u>	F=5,2
3) REINFORCED CONCRETE SLAB $ \begin{array}{cccccccccccccccccccccccccccccccccc$	•		611.0			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		()-(3)=			560 4	ni ^{co}
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	2) PEWEONE	D 64460577				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			 · · · -			
	SZ#J		·			
END WALL $C = 3.6$ $C = 3.6$ $C = 3.6$ $C = 3.6$ $C = 3.6$ $C = 3.6$ $C = 3.6$ $C = 3.6$ $C = 3.6$ $C = 3.6$		\		ون		
C = 3, 0 $C = 3, 0$	ENO	WALL	C7.00	ın		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$. 270	-4-2				
03		0,31 B C D				j
	*					
UICIVIOIAZ "Z CO D JA CI FU CA XV			2			L1=76
= 0.25x ± x1.2 x 8.0x 2 = 2.40.		· · · · · · · · · · · · · · · · · · ·				
TOTAL 59 40 m3		0,042	2.40.		.09 10	m ³

··			· · · · · · · · · · · · · · · · · · ·		25
	Table 2 Concrete, fo	rm &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(n²) (n²)	
EORM	,				
	3W+1312)x6				
	=(3x Z.0+0.6)x Z5.0	165.00	 		
	(0.2+0.3)x = x = (C-D)x4	 		 	· · · · · · · · · · · · · · · · · · ·
		0.60	//: L		· ·
·	(1/(-D)x2+0.3)x(L1+0.4)x2				
······································	=(1.2+0.3) x 8.0 x 2	24.00	a 2		· ·
TOTAL			!	1896	0 m =
······································	1		<u>'</u>		
	* /		<u> </u>	· · · · · · · · · · · · · · · · · · ·	
		1			<u> </u>
	•	-			
		 			
		 			
		 			
		 			
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*					<u> </u>
. 4		-			,,
	The state of the s	120	22 (12.23)	3 ·	
	Harrist Brands	ζ ¹ 2, 4, 5, 8, 3, 1, 8, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			
			\$ 35 ° 2 ° 2 ° 2 ° 2 ° 2 ° 2 ° 2 ° 2 ° 2 °		
	A Control of the second	an chie		12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Victory and
				7	
			2		
	The state of the s				
			A. 13	- ' "	

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	Table 2 Concrete, for	m &	Others	•	252
Kinds	Calculated Process	Unit	Numbers	Totàl	Remarks
				(nt) (nt)	
(4) WET MAS	ONRY .				
A 1. FLOOR					ls-8.8
	ls x0.6x(A+5.0)				A = 25.0
	- 8.8 × 0.6 × (25.0+5.0) -	158.40	7115		
z. SIDE WA	1	a 5	0.5		- 0
	(0.5+T)x = x (H+0.3)-0.32 (0.5+0.9) x = x(1.5+0.3)-0.09	0.5		4	T= Q9
	e=1.17.	Н		17	H= 1.5 E= 4.7
	ex(A+2x/E2+(=) x=) x2		3 15		
	1.17 x (25.0+ \(\frac{4.7}{4.7}\frac{4.7}{2}\))x	2	工		
		70.80	,, 3	•	
3. INSIDE	WALL				
	Hx03x A x2 =	22.50	w m		
4. CUT- 0.	FF WALL				
			•		_
	0.5				-
	a> / c 3				
•	(0.3+0.5)x = x0.5 x (05 + Exf	2)			1
		2.23	A) 3		
		1	171°C		
			 		<u></u>
B. WET_MASO	VRY LINING -				
!*INLET		-	, ,		
*	,	12.00), d	-	13=120
	1	-/	, w	-	2 2 2 2
	L3 x 5. 0 x 0.3 x 2 =	36.00	/r		1

	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nl) (nl)	
⇒ CAN	AL SLOPE SURFACE				C= 3.6
	102+(3)2 x (Lz+ = +0.2) x03x	4			4= 7.6
	= (3.6= (3.6)= x (8.0+ 2.6+0.2) x/. >=	57.96	n ^d		4= 80.
	V(Fr0.2)2+(7/2+0.1)2 x L2 x 0.3x Z		<u> </u>		E= 4.7
	= V((2+02)+(576+0.1) x 8.0 x 0.6= V(E+02)= (E/2+0.1) x L2x0.3x2	78.98	ME		F-52
	V(47+0.2)2+(4.7/2+01)x 8.0 x0.6.	76 30	ا اور		
	AL BED	=27.5	•	,	
	Bx42x0,3x2			,	B=10.0
	=10.0×8.0×0.6 =	48.00	بي الر		
5. CU7	OFF 0.5			<u> </u>	
	0.4				
	0.3-				-
-	(03+0.5)x = ×0.4 × (2B+2L3)		,		L3=12.0
	= 0.16 x (2x10.0+2x12.0) =	1	<i>7111</i> 00		Í
SUB - T		276.28			
WET MASON	IRY TOTAL OF 5 =			<i>5</i> 30 <i>21</i>	73
5) DRY STO	NE PITCHING		,	·	3 "
	10.0×1. ×0.3×2 =			72 00	
<u></u>					
			, ,	7.4	A Profession
Mr. Barre			,	م _ن کو .	
				٠	* 'S

, 					254
No. 7 DRAINAGE CULVERT	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
·				(nt) (nt)	
DEARTH W	ORK				
	B+2C+3.0= l.				A=250
	B+2C-lz 45 C B	1.5	2h		B-10.0
-					C-36
	N. 19		I JANA		W= 2.0
		8			11= 1.2
 	a the second second second second second second second second second second second second second second second	THE STATE OF THE STATE OF			7=08
					S = 1250
	W+2T+20+R= l3	-			0 = 20 2
	3W+2T+2O+h-2-lu		-		02 = 17.2.
	· · ·		7		G=13.53
		1 1200		34	65= 26
		1	<i>5</i>	- 2	18= 9.6
					,
	95 T W W W	T 05	_		
	WH2T+ 20= PB				
. R=	5+03+4+06+ =xAx.S	= 3.95			<u> </u>
					ļ
EXCAVA	TION				
	AL BANK	<u> </u>			
f :	(l3+l6)x+xR	ļ	-		· · ·
İ	=(13.55+96) x = x3.95 =	2=15.	<u>72</u>	-	
	(l3+l4)x \frac{1}{2} x \frac{1}{2}	/ =:			ļ
91	= (13.55+11.75) × = × 3.6/2 =	p = 22.	77		+
l		1		:	1

	Table 2 Concrete, for	m &	Others	•	200
Kinds _	Calculated Process	Unit	Numbers	Total	Remarks
			•	(nt) (nt)	
	ax(l,+2kx = x2)				
	=15.72 × (20.2 + 2 × 3.95) -	12817			
	bx(B+Cx=xZ)				
	= 22.77 x (10.0 + 3.6) = (-)		-		
		975.0	n3 ()		 -
SURFACE	STRIPPING				<u> </u>
	ET APRON .			:	43=12.0
	(L3 ×100) × 0.3 × 2				
	=(12.0×10.0) × 0.6 =	12.0		;	 -
	FT APRON				 -
	Lax(100+5.0)x0.3x2				!
		108.0			
	VC+(S) XL2X0,3 X 4				Lz=80
· · · · · · · · · · · · · · · · · · ·	(362) × 80×1.2 =	39.6			C2-00
	(Fro.2) + (= 101) x1 2x0,3x2	ŀ			F= 4.1
. =	(4.1+0.2)-1(41+0.1) × 80×0.6=				
	VE+0.2)+(=+01)2 x L= x 0.3 x 2		•		E= 3,2
	(3.2+0.2)+(32+0.1) × 8.0 × 0.6=	18.2			<u> </u>
		259.9	m ³ 2		<u> </u>
TOTAL EX	CAVATION VOLUME		,		-
	() + (2) =		*** · * · ·	1234 9	ni
* 3			2 5 1		
4 8 2 2 2 3 1 3	4	Ž.		A 2 1	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1/34	4		3. 30
7.8- 7.	100		*		
The second of th		,		· · · ·	-
. 198	1 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/		. '	٠,١	1

Table 2 Concrete, form & Others.							
Kinds	Calculated Process	Unit	Numbers	Total	Remarks		
	,			(nt) (nt)			
2 BACKFILL	AND COMPACTION SW+10+10=27				H= 1.2		
	W110+06=00				W= 20		
<u> </u>	THE I	\	 		T= 0.8		
Н	W at W at as	 	H+0.3		ly= 80		
	The second secon		26		RE = 7.6		
					Pr- 3.6		
	7						
					·		
	(lg+ls)x = x (H+0.3)+0.6x ls	<u> </u>					
	(B0+86) x = x (1,2+0.3)+0.6x8.6			 ;			
	d= 17.61.				A= 25.0		
	$d \times A + d \times (F + E) \times \frac{1}{2}$				E= 3,2		
Ξ.	1761 +25.0-1761 × (41+32)	1/2			F=4.1		
•	3 -	504.5					
	Ø- 9 =			410.5	III ^{US}		
	1			:			
2) REINFORCE	D CONCRETE	ļ <u></u>	! 				
SLA.	!			:-			
	88×03×A	`					
	= 7.6 × 0.3 × 25.0 =	57.00	من دور				
<i>E</i> y <i>D</i>	WALL 0,2	-			<u> </u>		
		<u></u>			C=3.6		
	0,3	`			D=24		
	03				L1= 7.6		
	(0,2+0.3)x= x=(C-D)x(L,+0.4)x						
_	AZ5x=(3.6-2.4)x(76+0.4)x2=	1.40		59.40	m ²		
-TOTAL			<u></u>	91:44)	1///		

]		
Kinds	Calculated Process	Unit	Numbers	Total	Remark
				(nt) (nt)	<u> </u>
FORM				<u> </u>	<u> </u>
	3W+B312)5A			:	
	=(3×2.0+1.6) × 25.0 =	165.00	ın≥		
·	(0.2+0.3)x=x= (C-D)x4				
	= 0.25x = (36-3.4)x4 =	060	m²		
	(1/2(C-D)x2+0.3)x(L,+0.4)x2				
	= (36-24+0.3) x (7.6+0.4) x2=	74.00	n z		
TOTAL		-		189.60	m²
•					
		•		:	
	.			;	
	_		·	;	
		,		:	
				- \	
······································					1
•	· · · · · · · · · · · · · · · · · · ·	ļ -			
		 		•	1
,			:		
····	·				
N-m	,		- <u> </u>		
					

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Table 2 Concrete, form & Others.						
Kinds	Calculated Process		Numbers	Total	Remarks	
				(nt) (nt)		
WET MAS	ONRY					
A 1. FLOOR					ls-8.6	
	ls x0.6x(A+5.0)			· · ·	A=25.0	
	-86x06x(25.0+50) =	151.80	د _{اار}			
Z. SIDE_WI	<u> </u>		0.5			
	(0.5+T)x = x (H+0.3)-0.32	i	-4' -		T=0.8	
	(0.5+0.8) x = x(1.2+0.3)-0.3°	1 1			H=1.2	
	e= 089	H		4.3	E= 3,2	
	$e_{x}(A + 2x/E^{2} + (\frac{E}{2})^{2} \times \frac{1}{2})^{2})$	1	YEST			
=======================================	0.89 x (zc.0+/32=(===)=)×2	50.87	<u></u>			
= 3. INSIDE	wdy	20.07	())	 :		
	Hx03x A x2 -	18,00	٠ س			
4 CUT- 01						
				•		
	- Ven		-			
	05					
	02-10-3					
•	(0,3+0.5)x \$ x0.5 x (05 + Ext	2)		-		
	0.2x(86+3.2x=) =	2.04	ورد			
<i>SUB-T077</i> 16	1+2.+3.+4	225.71	m4€			
B. WET MASO	NRY LINING					
- I INLET					413	
· ·	L3 x 10.0 x 0.3 x 2 =	77.00	4, 6		L3=120	
2. OUTLET	,	3/52	س س		 	
	L3:x5.0 x0.3 x2 =	36.00	//1		 	

Kinds	Calculated Process		Numbers	Total	Remarks
				(n) (n)	
3 CAN	L SLOPE SURFACE				C= 3.6
	10=1== x (L=+= +0.2) x 0.3×				4=7.6
	13.67 (35) x (8.0+ 7.6+0.2) x 1.2=	5796	m ^s	 	Kz = 8.0
	(Fto.2) + (5/2+0.1) × L= x 0,3x Z	<u> </u>			E= 3.2
=)	(41+02)=(41/2+01) x8.0 x0.6=	2308	قيم ور		F- A.1
,	((E+02) + (E/2 +0.1) x L2 x 0.3 x Z				<u> </u>
=}	(3 2+0.2)+ (3.2/2+01) x 8.0 x 0.6	18.25	//j ^c		 _
1. CAN	AL BED .	ļ			
	Bx42x0,3x2			 	B-10.0
	=10.0x8.0 x 0.6 =	4800), J		ļ
S. CUT.	OFF	<u></u>			
,	(/,3)	<u> </u>			
<u> </u>	- /24	<u> </u>			
	0.3	ļ			
		ļ			
	(03+0.5)x = ×0.4 x (2B+2L3)				43-12.0
	0.16 x (2x10.0+ 2x12.0) =	7.01			
SUB - TC	TAL	262.33	<u> </u>		<u> </u>
		<u> </u>			<u> </u>
WET MASON	er TOTAL Or 5 =			488.04	203
					<u> </u>
DRY STON	E PITCHING				<u> </u>
	10.0x6x x0.3x2 =	<u> </u>	 	7200	
· · · · · · · · · · · · · · · · · · ·					
	30		 		
•	3	-			

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- 5	-/	,
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No 8 DRAINAGE CULVERT	Table 2 Concrete, for	m &	Others.	•	
Kinds	, Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
D EARTH	WORK				
	8+2CF3.U=V,		2/		
	8+2C = Vz				
_	1/3 C B	C 15			
<i>[5</i>		100			
and the second	A THE PROPERTY OF THE PROPERTY OF THE PARTY		1		42
	and the second s	THE COLUMN TO THE COLUMN	.uu. n		
	·16+ R = 13			<u>i</u>	
	16+h-42 = R4				A = 24.0
	the programme described the model of the formation of the second of the	- Travinge			8=30
	ä	1	128		
•		7			C = 5.0
		\$1		1	H= 1.5 W= 20
	as T w as w T a	<u> }</u>		-	
	2W+2T+0.5= ls				T= 09
	15+1.0-86	 		-	Q=16.0
		∏ -			Pz=13.0
0	= = +0.3+H+0.6+ = AXS				l3 = 12.32 l4 = 9.82
	= 210,3+A10,0+2410	=3.02			1
e Evalua		 			ls=63
	T/ON				16 = 7.3
	ANAL BANK PORTION	 			5=1100
	(13+16)x21h				 -
	= (12.32+7.3) × 5 × 5.02 =	a=4)	. <3		
	(lstlu)x = x 4/2				
	= (12.32+9.82) × = × 5.0/2 =	D= 27.	68	<u> </u>	
	<u> </u>	<u> </u>		<u> </u>	1

Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
	0x(l,+2/x = 12)				
	= 49.25 x (16.0+2x 5.02) -	12825			
	bx(B+Cx=xZ)				<u> </u>
	=27.68 x (3.0+5.0) = (-)	221.4			
•		1061.1	m³ ()		<u> </u>
SÜRFAC	E STRIPPING				ļ
	LET APRON				L3=10.7
····	(L3×100) x 0,3×2				
· · · · · · · · · · · · · · · · · · ·	= (10.75×10.0)×0.6 =	64.5		•	<u> </u>
007	LET APRON		<u> </u>		
	L3x(10.0+5,0)x0.3x2				<u> </u>
	=10.75x 15.0 x 0.6 =	96.8			
	IAL BANK SURFACE				
·	(C2+(5)= xL2x0,3x4				Lz=8.0
· · · · · · · · · · · · · · · · · · ·	= 15.03.(5.0)2 x 8.0 x 1,2 =	53.7			
	Fro.2) + (= 101) x L 2 x 0, 3 x 2				F= 5.1
	= V(5./+0.2)+(5./+0.1)2×8.0×0.6=	28.4			
	(E+0.2) + (馬+a1) × L 2 × 0.3 x 2				E=4.6
	= \((4.6+0.2)^2+(4.6+0.1)^2 × 8.0 × 0.6=	25.8		•	
·-····································	<u> </u>	269.2	ր ^յ ②		<u> </u>
TOTAL E	XCAVATION VOLUME	<u></u>			<u> </u>
	() t (2) =			<u> इ. १६६१</u>	1113
		· 			<u> </u>
					<u> </u>
					
·					<u> </u>
			!		l

·		. <u></u>			······	<u> 262</u>
	Table 2	Concrete, for	m &	Others	•	
Kinds	Calculated Process		Unit	Numbers	Total	Remarks
	1				(nt) (nt)	
Z. BACKFILL A	AND COMI	PACTION				
	2W+0.	5+1.0 = lz	ļ			H= 15
	_2W+	a5+a6=88_1			<u> </u>	W= 20
		8	<u></u>		<u> </u>	7-0.9
		1 2 1	1,74		-	C7=5.5
						ls - 5-1
	T _ W	85 W T			į	Rs = 6.3
-		<u> </u>				
ı		×(H+0.3)+ls×c	,			
_		·(1.5+0.3)+6.3×0 = d	6		:	1.04.0
	14.40 xA + d x(E;				<u> </u>	1=24.0
		1.40x(4.6+5.1)×-	/			E-4.6
	7.40 × 24.01/2	_	415.4		i	7-3,7.
		(7-3)	4/3.4		645.7	1000
-						
2) REINFORCED	CONCRE	TE		·		<u> </u> -
SLAB						
R	18 x 0.3 x A					
	5.1x0.3x2	4.0 =	36.72	ک _{اتل}		
END	WALL 02	•			: 	
• •					ļ <u> </u>	C= 5.0
	93	1/2(C-D)				D= 4.0
v -		<u> </u>				<u> </u>
1	. 0.3					
	2+03)× = ×=((C-D)x(L,+Q4)x	2			
= 0.	25x(5.0-4.	6)x(5.1+0.4) =	1.38	m ³	<u> </u>	

2	6	3
_		

	Table 2 Concrete, for	m &	Others	•	263
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (m)	
CONCRE	TE TOTAL			38 10	ni 3
		· 	•		
(3) FORM					10MPE
	(n·W+03x2)xA	<u> </u>			NUMBER
	$=(z \times z \cdot 0 + 0 \cdot 6) \times z \cdot 4 \cdot 0 =$	110.40	ווו ^ב		N=5
	(0,2+0,3)x \frac{1}{2}x\frac{1}{2}(C-D)x4	-			
	1/4 0 2 2 2 3 4 0 1 2 2 3 4 0 1 2 3		ni		4. 5.1.
	\frac{1}{5}(C-D)xZ+0.3)x(L1+0.4)xZ -(5.0-4.0+0.3)x(5.1+0.4)x2=	r	, 2		
TOTAL	(3.0-2.070.3) x (3.770.4) x 2	74.50		125:20	م د
				723 23	
WET MAS	ONRY				
	P & x0.6 x (A+5.0)				P=63
	= 6.3 × 0.6 × (24.0+5.0) =	109.62	ni ³		A=24.0
) -		05		
	(0.5+T)x =x(H+0.3)-0.3"	, c	31.		T=0.9
	(0.5+0.9)x =x(15+0,3)-0.09			<u>a</u> 3	H=1.5
	e= 1.17		\$1\ -6-3	<i>H</i>	E = 4.6
	ex(A+7x/E2+(=5x5)x2		Same .		
-	1.17x (=4.0+14.62+(4.6)2)x2	10.10	3		
3 /4/5/	DC 1/4/1	68.19	m		ļ
· · · · · · · · · · · · · · · · · · ·	DE WALL H x Q 3 x A x (n-1)				
	1	10.80	יון		
, ,	-OFF WALL	Ø			
. ,					
	a5				
,	0.2-11/431				

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ز	~	٠.	•	,

	Table 0 Canada fa	P			
·	Table 2 Concrete, for	in œ	others.	<u> </u>	-
Kinds	Calculated Process	Unit	Numbers	Total	Remark
				(nt) (nt)	
	(0.3+0.5) x 2 x 0.5 x (Ps + Ex 2.	2)			l== 6.3
	0,70×(6,3+46× =) =	1.72	<i>111</i> 00		E = 4.6
SUB-701	AL 1,+2,+3,+4.	/90.33	m³ (4)	-	
B. WET MASON	YRY LINING				
1. INLET	APRON				
	L3 x 10.0 x 0.3 x 2 -	64.50	وور		Ls=10.75
2. OUTLE	T APRON				C = 5.0
	L3 x 5. 0 x 0. 3 x 2 =	32.25	<i>(1)</i>		L1= 5.1
: 3 CANAL	SLOPE SURFACE	<u> </u>			4= 8.0
	VC=+(92)=x(L2+=+0,2)x03	4			E=4.6
	15.07-(5.0/5)2x(8.0+ 5.1+0.2)x1.2	72.11	שת	!	F = 5.1
	1(F+0,2)2+ (5/2+0.1) x L2 x 0, 3x	1 .			·\
=	V(5.1+0.2)=(5.1/2+0.1) × 8.0 × 0.6=	28.44	n v	:	
·	V(E+02)+(4/2+0.1) x Lzx0.3x2				
	1(4.6+0.2) + (4.6/5+01) × 8.0 × 0.6 =	25.76	נון		
4 CANAL	BED	ļ <u> </u>			
	BxL2 x0.3 x2				
	= 3.0 x 8.0 x 0.6 =	14.40	ווע	0	<u> </u>
5. CUT-	OFF WALL				
	(0.3+0.5)x= x0.4x(ZB+ZL3)	ļ			
	0.16 x (Zx3.0+2x10.76) =	4.40	n ³	<u> </u>	04
<u> </u>	l <u> </u>	241.86	n35		40.3
WET MASO	VRY TOTAL 4+ 5 =			432 19	n3
					 -
5) DRY STONE	PITCHING	 			
	10.0 × L3 × 0.5 × 2 =	<u> </u>	\ <u> </u>	6450	J 3

(,	<u></u>				280
No. 9 DKAINAGE CULVERT	Table 2 Concrete, for	m &	Others.	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
		<u> </u>		(nt)	
() 54 B-(1)	h =14			<u>(m')</u>	<u> </u>
DEARTH W			1		
	8+2C+3.0= l. B+2C-lz				A=24.0
	1/5 C B	C 45	-2/		B=3.0
		Jan 1	N.		C=5.0
	8	855°	1	<u> </u>	W= 2.5
		8	7		1/= 15
		le mande			7=0.9
· · · · · · · · · · · · · · · · · · ·		<u></u>		<u>_</u>	S = 150
	UN+27+70-+R= ls			· · · · · · · · · · · · · · · · · · ·	P.= 16.0
	3W+2T+20+R- = Lu				lz=13.0
	(ls=16.28
	3			8	lu=13.78
			#	- W	B103
			7		P6=11.3
	July 200 100 100 100 100 100 100 100 100 100			1	
	05 T W W W	T_05			
	SW ± 27.±1.0= ls		•		
	WH2T+ 20= R6				
·L -	C=+0.3+ H+0.6+ = XAXS	- 198			
<u> </u>	2-43+4-60-2-4-5	-4.10			
		<u> </u>			,
. / EXCAVA	TION				
FORCA	(ls+lb)x = x R				
	(-V3+ V6) x 7 x K		· · · · ·	***	
	=(16.28+11:3) x ± × 4.98 =		7.	,,,	, , , , , , , , , , , , , , , , , , , ,
	(P3+P4)x = x.9/2	,	X.		
	=(16.28+13.78) > = 15.0/2 =	4 = 373	81		<u> </u>
	<u> </u>	*,	' 4		' r

SANYU CONSULTANTS INTTERNATIONAL, INC.

· · · · · · · · · · · · · · · · · · ·	Table 9 Congrete for	Pr	Othora		266
	Table 2 Concrete, for	111 02	others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
	$ax(l_1+2l_1\times\frac{1}{2}\times2)$				
	= 68.67 x (16.0+2×4.98 x = x2) -	17877			
	bx(B+Cx=xZ)				
·	= 37.58 x (30+50x = x2) = (-)	<i>3</i> 02.6			
· · · · · · · · · · · · · · · · · · ·		14821	18 (1)		
SURFACE	STRIPPING				
	ET_APRON				L3=13.75
	(13×10,0) × 0,3×2				
	= (13.75×10.0) × 1.3 × 2 -	825		:	
0074	FT APRON				<u> </u>
	L3x(10,0+5,0)x0.3x2				
	=13.75x(100+5.0)x03x2 =	123.8			
CAN	EANK SURFACE				
	102+(2) x L2x0.3 x 4				Lz=9.0
<u>.</u> <u>.</u>	\$.0°+(\$0)° × 9.0 × 0.3 × 4 =	60.4			<u> </u>
	(Fro.2) + (= +a1) x1 2x0,3x2	1			F= 4.9
	(4.9+0.2)+(4.9+0.1)2 x 9.0 x 6 3 x 2=	308		-	
	(E+0.2)+(=+0.1)2 × L = × 0.3 × 2				E=4.6
	(46+0.2)+(46+0.1) ×9.0×0.3×2=	1			
		3265	m ³ (2)		
TOTAL EX	CAVATION VOLUME				
	() + (2) =			1808:6	<i>n1</i> 3
<u> </u>					
V 1	•				
	-				
	,				
		<u> </u>	- \		 -
	<u> </u>				1

Table 2 Concrete, form & Others.							
Kinds .	Calculated Process	Unit	Numbers	Total	Remarks		
				(nt) (nt)			
2 BACKFILL	AND COMPACTION				H= 1.5		
	NTLOTAGE 18			,	W= 25		
	1 03		_		T= 0.9		
Н	W THE W TE		110.3		ly= 9.5		
	MA THE THE PARTY OF THE PARTY O		26		ls=9.1 lc=10.3		
	77	-			,		
	e ls						
					-		
9	(l7+15)x = x (H+03)+0.6x Ps						
1	(9.5+10.3)× = × (1.5+0.3)+06×10.3	<u> </u>					
	d = 24.0				A = 24.0		
†	$\frac{d \times A + d \times (F + E) \times 5}{240 \times 240 \times 240}$				E= 4.6 F= 4.9		
1	3	890.0			7-4.9		
	Ø- 9 =			792:1	m ^w		
2) REINFORCE	D CONCRETE						
SLA.	7			-			
<u> </u>	18×03×A						
	= 9.1 × 0.3 × 24.0 =	65.52	m				
END.	WALL				المراجع المراجع		
	0,3	<u>.</u>	3	ر م رو	C=5.0		
5 12	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	, ,	3		Lu= 9:1		
	(0,2+0.3)x= x= (C-D)x(L,+0.4)x	2	X		1		
-	azsx = (50-40) x (7.1+0.4) x2 =	2.38			7 N		
· TOTAL	OANNI OONOULTANTO INTTENUE		100	67.90	NI3		

	Table 2 Concrete, for	m & (Others	•	
Kinds '	Calculated Process	Unit.	Numbers	Total	Remarks
			`	(nt) (nt)	
D FORM					
	3W+0312)xA				
	$=(3\times2.5+0.6)\times24.0$	191.10	ın≥		
	(0.2+0.3)x=x= (C-D)x4			-	
<u></u> .	= 0.25 × = (50-4.0) ×4 -	0.50	//: <u> </u>		
	(1(C-D)x2+0,3)x(L1+0.4)xZ				
	= \((5.0-4.0)+0.3\)x(9/+04)x2=	2470	13 2		'
TOTAL				219 60) m =
	•			·	
					
•				:	
				:	
				:	
				• !	
					
		 			-

		<u> </u>			<u> </u>
	*				_
•		1			

				<u></u>	
Kindş	Calculated Process	Unit	Numbers	Total	Remarks
				(n/) (n/)	
WET MAS	ONRY				
4 / FLOOR					ls-10.3
	l= x0.6x(A+5.0)				A = 24.0
	-10.3 × 0.6 × (24.0+5.0) -	17922	- الس		
Z. SIDE WA	24				
	(0.5+T)x = x (4+0.3)-0.32	0.3	10.5	,	T=0.9
	(0.5+0.9) x = x (1.5+0.3) - 0.32		12	-	H= 1.5
-	e=//1	Н	284)	16.3	E=4.6
	ex(A+2x/=+(売)*x+)x2	1			
	1.17 x (24.0+ \(4.6+(\frac{46}{2})^2 \) x 2				
=		6819	<i>y</i> 3		
3. INSIDE	WALC			;	
•	Hx03x A x2 -	21.60	ن ^ی رام	•	
	FF WALL				
				:	
•				;	
	0.5				
	27/23			:	
	(0.3+0.5)x = x0.5 x (05 + Ext.	(2)			
	02×(103+4.6× =) =	252	و ور		
	1+2.+3.+4		1104		
01115-1-1277-12		-/:			-
B. WET MASO	NRY LINING				
MLET.	, en				
•	L3 x 10.0 x 0.3 x 2 =	82.50	ن رو		_ L3 = /3.73
2. OUTLET	N.S.	<u> </u>	· ·····		- L.D. = 7-2.7.U
	23×50×03×2 =	41:25	ن		

	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	·
3 CA/	VIL SLOPE SURFACE				C= 5.0
	1021(=)2 x ((=+ = +0,2) x03x				4=9.1
	= (5.8+ (50)=x (9.0+ 2+02) x 1.2=	92.24	n ₁ c	 	Lz = 9.0
	V(F+0.2)2+(1/2+0.1)2 x L2 x 0.3 x Z			 	E= 4.6
	=) (4.9+0.2)+ (4.9/2+0.1) x 9.0 x 0.6=	30.79	محماور		F- 4.9
	(E+0.2) + (5/2 to.1) x L2x0.3xZ				
	= x(4.6+0.2)2+(4.6/2+0.1) x 9.0 x 0.6=	28.98	1113		
	YHL BED .				
	BxLzx0.3x2			<u> </u>	B- 3.0
	= 3.0 x 9.0 x 0.6 =	16.20	771		
<i>5. co</i> :	0.5)				ļ
					
	0.4				
	0.3-				
	(a) a c) = f × (4 × (2B+21)				1 1275
	(03+0.5)x = x0.4 x(2B+2L3) = 0.16 x(2x30+2x13.75)=	1	ي		L3 = 1375
508-17		29.732			
		- / // / /			
WET MASO	VRY TOTAL Q+ 5 =			568.85	, J
		·····	-		
3 DRY STO	NE PITCHING		·		
	10.0x4s x0.3x2 =		. <u> </u>	82.50	mis
•		,			•
					,
:		r. ,	,	,	
		**,			

, 	*****				271
NO 10 DRAINAGE CULVERT	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	<u> </u>
(T) =10=11				(m)	
() EARTH	WORK B+2C+3.0= l.		26	,	
	B+2C = Pz				
	15 C B	0 15			
		1			+1
	The same of the sa	100	100		
	EN TO SECTION OF THE PROPERTY		***************************************		42
Marinerous.	· 我不会在我的我的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们们就是我们的人,我们们们的人,我们们们们们的人,我们们们们们	of water franches	Digential and a	_ leter	<u> </u>
		ļ			
	W+2T+1.0+ h = l3				
	W+2T+1.0+h-42=la				A = 24.0
				_	8-3.0
		37	8		C = 5.0
	Acres Sanger of a series of the Stat	N.	92		H= 1.5
		/			W= 2.0
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	1-05 T W T 10	5			7-09
]	W+2T-15				Q-160
· · · · · · · · · · · · · · · · · · ·	l5 +1.0-l6				Oz = 13.0
	= = +0.3+H+0.6+ =+A.S				P3 = 9.76
	= 5+0,3+H+0.6+5*A*A	= 4.96		. 	R4=7.26
				<u>-</u> _	Pr= 3.8
1. EXCAVÀ	TION				16-4.8
FOR C	ANAL BANK PORTION				S=1/200
i .	(13+16)x 7 x h				
	= (9.76+4.8) x = x 4.96 =	a=3E	.//_		
***	(lstlu)x = x 4/2	\ \\`	<u> </u>		
		b = 21.	28		والمر
	3				

	Table 2 Concrete, for	m & 0	Others	•	,
Kìnds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
	$ax(l,+2lx\frac{1}{2}x2)$				
	=36.11 × (16.0+2×4.96) -	936 0			
	bx(B+(x=x2)	}			
	= 21.28 × (3.0+ ±0) = 4)			 :	
<u> </u>		765.8	113 (1)		
	STRIPPING	<u> </u>			
	T APRON				1: 95
	(L3×100) × 0.3 × 2 = (9.5×10.0) × 0 6 -	67.5			
91.71	ET APRON	570			-
	Lax(10.0+5.0)x0.3x2				
	=9.5×150106 =	855			
CANA	L BANK SURFACE				
	102+(5) x Lzx0,3 x 4				Lz= 8.0
	1507 (50) × 8.0 × 1.2 =	53.7		· · · · · · · · · · · · · · · · · · ·	<u> </u>
	(F+0.2) + (=+01) x1, x0,3 x2	1			F= 4.8
===	V(48+02)+(48+0.1) × 8.0 × 0.6=	26.8			
	(E+02)+(=+01)2 x L= x 03x 2				E = 4.6
=	V(46+0.2) - (4.6 +0.1) × 8.0 × 0.6 =	1	. (3)		
	201/0770	248.8	m ³ (2)		-
	CAVATION VOLUME (1)+(2) =			1014 6	100
	0,0 =			1014 8	
	*				
				U	
				<u> </u>	

	·				
Table 2 Co	oncrete, for	m & (Others	•	
Kinds Calculated	Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
Z. BACKFILL AND COMPA		1			
W+1.0= 1 W+0.6= 8					11= 1.5
, , , , , , , , , , , , , , , , , , ,	<u> </u>				W=2.0
	1 2				7 = 0.9
					lg=3.0 l8=2.6
T. W	7 3				ls = 3.8
_W+2T= l	ε				
			,		
(ln+ls)x = x(ł] 		
= (3.0+3.8) x \frac{1}{2} \times (1.5)	5+0.3)+ 3.8×0.0				
= 8.40	= d				A=24.0
$d_{x}A + d_{x}(E+1)$	-	7			<u>E=4.6</u>
= 8.40 × 24.0+ 84	_	z41.1			F-4.8
	()-(3)	Z41. [524	7 110
				<u> </u>	<u> </u>
DREINFORCED CONCRET	左				-
SLAB.					
18 x 0.3 x A					
= 2.6×0.3×34	.o · -	18.72	<i>m</i> ♂ .		
END WALL 02	<u> </u>		-		
193 6	16-6		* \\	-	C= 510
	2((20)) I	- 4	D=4.0
0.3		,	· ·	*	<u> </u>
(02+0,3)× + × + (c.	77)x(L,+04)x	2]- 	
= 0.25x = (5.0-4.0)x	The state of the s		m ³		
				· · · · · · · · · · · · · · · · · · ·	

-3	~ 1
_	1,1
<u> </u>	14

	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
CONCR	TE TOTAL			19 47	7 1/13
		1			
(3) <i>FOR I</i> 1		<u> </u>			MINE
	(n.W+03x2)xA				NUMER NOFEC N=1
	$=(1\times2.0-0.6)\times24.0$	62.40	/i) =		1/2-/
	(0.2+0.3)x \frac{1}{2}x\frac{1}{2}(C-D)xU = 0.25 x \frac{1}{2}(C-0)x \frac{1}{2}(C-0			,	1, /
	/ = (C-D)x2+0.3)x(L1+0.4)x2		<i>"</i>	:	1,=2.6
- ,	- (50-4.0+0 3) x(2.6+0.4) x2=		n 2		
TOTAL				70:70	20/2
WET MAS	ONRY			<u> </u>	
A. 1.FLOO	B 15 x0.6 x (A+5.0)		<u> </u>	<u> </u>	C= 3.8
	= 3.8 × 0.6 × (24.0+5.0) =	66.12	773		A=21.0
2. SIDE			25	-	
	(0.5+T)x =x(Hta3)-0.3	-		a₃	T=0.9
}	= (05+09) x = x(1.5+0.3) - 0.09	-			H= 1.5
	ex(A+7~/E2+(55x5)x2		Tin l	H	E=4.6
	1.17x (24.0+/4.62+(4.6)2)x2		T		
		68.19	m 3		
3. INS	DE WALL	-			
	H x 0.3 x A x (n-1)				
	$= 5 \times 0.3 \times 24.0 \times (1-1) =$	0	ni ³		ļ
4. CUT	-OFF WALL				·
	Nil a5.				-
	0.2-1 (0.3				-
<u> </u>	111	<u> </u>	<u> </u>	<u> </u>	

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	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
		1		(nt) (nt)	
	(0.3+0.5) x 2 x 0.5 x (Ps + Ex 1	2)			05 - 3.8
	0.20x (3.8+4.6x =) =	1.22	/)(³		E=4.6
SUB - 701	11 1.+2,+3.+4.	/35.53	113 (
B. WET MASON	YRY LINING		·		
1. INLET	APRON				
	L3 x 10.0 x 0.3 x 2 =	5700	ق پرر		L3=95
2. OUTLE	T_APRON	:			C=5.0
	L315.0x0.3x2 =	28.50	יחל		L1= Z.6
3. CANAL	SLOPE SURFACE				4=8.0
	VC=+(9/2) x(12+ 1/2 +0,2) x 0,3	4			E=4.6
	V5.02+(50/2)2x(8.0+26+0.2)x/.2	-63.73	ms		F=4.8
	(F+0,2) + (F/2+0.1) x L2x0.3	2		•	
=	V(48+0.2)=(4.8/2+01)=x8.0 x 0.6=	z6.83	ווי		
	(E+02)2+(=12+0,1)2 x Lzx0.3x2	,		:	
	V(1.6-0.2)2+(4.6/2-01)2 × 8.0 × 0.6	25.76	בוון		
4. CANAL	BED				ļ
 	B x L z x 0,3 x 2	ļ			ļ
	= 3.0×8.0×0.6 =	14.40	, w	q	<u> </u>
5. CUT-	OFF WALL	<u> </u>			
	(0.3+0.5)x = x0.4 x (ZB+ZL3)	<u> </u>			
· _=	0./6x(2x3.0+2x9.5) =	4:00	n ³		0.4
SUB- To	7AL =	z20.22	103 (D)		1203
WET MASO	VRY TOTAL # + 5 =	ļ		355 75	7113
	Ů.	ļ			
5) DRY STONI	PITCHING				
	10.0'x L3 x 0.3 x 2 =	ļ	<u> </u>	5700	ر دراد

DEARTH WORK	Remarks
(m) (m) (m)	Remarks
DEARTH WORK	
() EARTH WORK	
	= 24.0
B+2C-l2	3= 310
	· 5.0
	1= 24
H. H.	= 1.2
	= 0.8
	= 4100
- ON+2T+20+R=ls	= 160
	=/3.0
	-15 52
3	2-13.02
	- 9.8
	8-10.8
95 7 W W W 7 95	
35 0.5 -3W + 2T + 10= ls	
W+2T+20= 86	
UNIZIT ZIV - VS	
R= S+03+ H+06+ = XAXS = 4.72	
$\mathcal{H} = 2 + 0.3 + \mathcal{H} + 0.6 + 2^{A} + 0.0 = 4.72$	
I. EXCAVATION	
J. EXCAVATION FOR CANAL BANK	
(B3+ B) x = x R	* 7 .
$= (15.52 + 10.8) \times \frac{1}{2} \times 4.72 = 12 = 67.12$	•
(l3+l4)x \frac{1}{2} x \frac{9}{2}	-
$= (15.52 + 13.02) \times \frac{1}{2} \times \frac{5.0}{2} = 6 = 35.68$	

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	Table 2 Concrete, for	m &	Others		
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
	ax(l,+2kx = x2)				
	= 62.12 x (16.0+2 x 4.72 x = 12)-	15803			
	bx(B+Cx=xZ)				
•	= 35.68 × (3.0+5.0× =×2) = (-)	i			
		12949	n ³		
SURFACE	STRIPPING				1
	T APRON	i 			L3=13.6
	(13×100 × 03×2				-
	= (13.6×10.0) × 0.3×2 -	81.6			
	APRON				
	L3×(10.0+5.0)×0.3×2	1221		<u></u>	
~ 4.1	=13.6x(10.0+5.0)x0.3x2 =	126,4			
<i>C/3/3</i>	VC2+(5)2 ×L2×0.3×4				Lz=9.0
	$= (SD^{\frac{1}{2}}(\frac{SD}{2})^{2} \times 9.0 \times 0.3 \times 4 =$	60.4			122-710
	(F+0.2) + (=+01) x1, x0,3 x2	i .		:	F= 4.5
	=)(4,5+1,2)2+(2,5+0.1) × 9.0×0.3×2=	ì			
	V(E+0,2) + (=+01) × L2 × 0,3 × 2				E = 4.0
	(4.0+0.2) - (40+0.1) × 9.0×0.3×2=	25.4	<u>.</u>		
		318.2	11 2 Cm		
TOTAL_E	XCAVATION VOLUME	ļ			
	() t (2) =			1613.1	pt ³
, 1886 - 1886 - 1886 - 1886 - 1886 - 1886 - 1886 - 1886 - 1886 - 1886 - 1886 - 1886 - 1886 - 1886 - 1886 - 1886 149	,				1 1
<u>.</u>	, ,				1 3 3
	· · · · · · · · · · · · · · · · · · ·	,	, 		<u> </u>
*					
	<u> </u>	<u> </u>		<u> </u>	

	Table 2 Concrete, for	m &	Others		218
			<u> </u>		
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
		,	1	(nt) (nt)	
2 BACKFILL	AND COMPACTION	<u>-</u>			H= 1.2
	3W110+06-18				W= 2.4
	(a) (the Alakana are the Alakana at an early an experimental are the last (a) (the las	1			T= 08
Н	W 95 W 95 A3	<u> </u>	1110.3	 :	Jy= 9.2
				. <u> </u>	G= 8.8
	SA REPORT OF THE PROPERTY OF T		26.	:	Cr-98
	7 7	 			
	25	 			
				•	 -
	(l7+l5)x = x (H+0.3)+0.6x Ps				
=	(9.2+9.8) × 5 × (1.2+03)+1.6 × 98				
i e	d = 2013				A= 24.0
1	$d \times A + d \times (F + E) \times \frac{1}{2}$	-			E=4.0
=	2013 x 24.0+ 2013 x (45+40)x=	Ī			F= 4.5
	3=	<i>568.</i> 7			<u> </u>
	Ø-9=			726.2	Ini ^{co}
		<u> </u>		4	<u></u>
(2) REINFORCE	D CONCRETE		•		
SLA	3				
	8×0.3×A.				
	= 8.8×0.3×21.0 =	6556	حی روز		
<i>E</i> ND	WALL 0,2				
					C= 5.0
·	0.3		4		D=4.0
					LE_8.8
	(0,2+0.3)x2 x = (C-D)x(L,+0.4)x				
,	(0,2+0,3)x = x = (5.0-4.0)x (8.8+0.4)+2	<i>230</i>			
TOTAL				65.66	nis .

Kinds	Calculated Process	Unit	Numbers	Total	Remark
				(nt) (nt)	
FORM	<u>'</u>				
	(3W+0312)xA				
	$=(3\times2.4+0.3\times2)\times24.0$	187.20	<u>ın</u> ≥	·	
	(0.2+0.3)x = x = (C-D)x4				
	=(0.2+0.3)x =x = (5.0-4.0) x4=	0.50	<i>j</i> // ²		<u></u>
	(1(C-D)x2+03)x(L1+0.4)x2	-			
	===(5.0-1.0)x2+0.3}x(8.8+04)x2=	23.92	A Z		
TOTAL	<u> </u>			211.62	m
					,
······································					
					ļ <u>.</u>
					,
		•			
	The state of the s				
F		1° = 40	- (
1, 7, 2					,
* * * * * * * * * * * * * * * * * * * *	35 65	· Kak	N	2	
4 V	it.	N. I	, , ,	1	
					-

	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
WET M	SONRY				
A 1. FLOOR					R= 9.8
	l= x0.6x(A+5.0)				A = 24.0
	-9.8 ×0.6 × (240+5.0) =	17052	713		
Z. SIDE W			0.5		
	(0.5+T)x = x (H+0.3)-0.32	03	0.5		T= 0.8
	(0.5+0.8) x 5 x (1.2+0.3) - 0.3		1383	<u> </u>	11.2
	= e = 0.89	Н		3 3	1. 4.0
	ex(A+2x/E+(=)*x=) x2	1	HATE.		_
=	$= \frac{(.89 \times (24.0 + 2 \times 14.0 + (\frac{2.0}{2})^{2} \times \frac{1}{2})}{(1.0 + (\frac{2.0}{2})^{2} \times \frac{1}{2})}$	•	1 1		
		506B	m 3	:	-
3. INSIDE		1728	س ا		
4	Hx03xA x2	71.20	<i>/</i> n	· · · · ·	
<u>4 (01- 0</u>	PEF WALL				
	0.5				
	02 / 0.13			` !	
	(0.3+0.5)x \$ x0.5 x (05 + Ext	(2)		:	
	-(03+05)x +x 6.5 x 19.8+4.0 x +x	1) J		
	/+2.+3.77 -	1	n34)		
B. WET MASO	NRY LINING	`		,	
- ! WLET	APRON			-	
	L3 x 10.0 x 0.3 x 2 =	81.60	41 ³		13=13.6
. 2. OUTLET	APRON				
	L3 x 5. 0 x 0.3 x 2 =	40.80	m w		
			[

				281_
Table 2 Concrete, for	m & (Others	•	
Calculated Process	Unit	Numbers	Total	Remarks
			(n') (m')	
L SLOPE SURFACE				C= 5.0
, - -		,		4, = 8,8
(5.0+(5) × (9.0+ 8.8 +0.2)×0.3×4=	91.23	M ³		42 = 9.0
(Fro.2)2+ (F/2+0.1) × Lz × 0.3× Z				E= 4.0
(1.5+0.2)+(4.5/2+0.1) x9.0×0.3×2=	. 28.38	مختمام		F-4.5
(E+02)2+ (5/2 +0.1) x L2x0.3xZ				<u> </u>
(40+0.2)2+14.9/2+0.1)2 x 9.0 x 0.3 x 2 =	25.36	וווי		
i .				
Bx2x0,3x2				B-3,0
$=30 \times 9.0 \times 0.3 \times 2$	16.20	rn 3		
05				
				حد
0.4				
0.3				
(03+0.5)x = x0.4 x(ZB+2L3)				43-13.67
, ·		فيالا		1
,		\sim		
RY TOTAL OF 5 =			529.72	10.7
		٠.		
E PITCHING		,		7
10.0 x Ls x0.3 x 2 = ==		35 Sec.	81.60	m³
	7	*		
A A A A A A A A A A A A A A A A A A A		7	a	
	*		4	100
V va*				
	<u> </u>		7.	
	Calculated Process L SLOPE SURFACE \(\frac{C^2 + (\frac{C}{2})^2}{2} \times ((Lz + \frac{C}{2} + 0, 2) \times 0.3 \times (\frac{C^2 + (\frac{C}{2})^2}{2} \times (\frac{C}{2} + \frac{C}{2} + 0, 2) \times 0.3 \times 2 = \(\frac{(C + (\frac{C}{2})^2}{2} \times (\frac{C}{2} + 0, 1)^2 \times \frac{Lz \times 0.3 \times 2}{2} = \(\frac{(C + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.1)^2}{2} \times \frac{Q0 \times 0.3 \times 2}{2} = \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.2)^2}{2} \times \frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.2)^2}{2} \\ \(\frac{(C \times + 0.2)^2 + (\frac{C}{2} + 0.2)^2}{2} \times (C \time	Calculated Process Unit L SLOPE SURFACE 1c + 1 = 2	Calculated Process Unit Numbers L SLOPE SURFACE $C^{2}+C^{2}+C^{2}=X$ ($C^{2}+C^{2}+C^{2}$) $\times 0.3 \times 4$ $SO^{2}+(C^{2}+C^{2})^{2}\times(90+\frac{8.8}{3}+0.2)\times0.3\times4=9123$ m ³ $(Froz)^{2}+(F_{2}+o.1)^{2}\times L_{2}\times0.3\times2=2838$ m ³ $(E+o.2)^{2}+(F_{2}+o.1)^{2}\times L_{2}\times0.3\times2=2838$ m ³ $(E+o.2)^{2}+(F_{2}+o.1)^{2}\times L_{2}\times0.3\times2=2536$ m ³ $(E+o.2)^{2}+(F_{2}+o.1)^{2}\times Q_{3}\times0.3\times2=2536$ m ³ $(AO+0.2)^{2}+(A^{2}+O.1)^{2}\times Q_{3}\times0.3\times2=2536$ m ³ $(AO+0.2)^{2}+(A^{2}+O.1)^{2}\times Q_{3}\times0.3\times2=2536$ m ³ $(O.3+o.5)^{2}+(O.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}+(O.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}+(O.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}+(O.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}+(O.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}+(O.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}+(O.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}\times(0.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}\times(0.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}\times(0.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}\times(0.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}\times(0.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}\times(0.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}\times(0.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}\times(0.4)^{2}\times(2.8+2L_{3})$ $(O.3+o.5)^{2}\times(0.4)^{2}\times(2.8+2L_{3})$ $(O.5+o.5)^{2}\times(0.4)^{2}\times(2.8+2L_{3})$ $(O.5+o.5)^{2}\times(0.4)^{2}\times(2.8+2L_{3})$ $(O.5+o.5)^{2}\times(0.4)^{2}\times(2.8+2L_{3})$ $(O.5+o.5)^{2}\times(0.4)^{2}\times(2.8+2L_{3})$ $(O.5+o.5)^{2}\times(0.4)^{2}\times(0.8+2L_{3})$ $(O.5+o.5)^{2}\times(0.4)^{2}\times(0.8+2L_{3})$ $(O.5+o.5)^{2}\times(0.8+2L_{3})$ $(O.5+o.5)^{2}\times(0.8+2L_{3})$ $(O.5+o.5)^{2}\times(0.8+2L_{3})$ $(O.5+o.5)^{2}\times(0.8+2L_{3})$ $(O.5+o.5)^{2}\times(0.8+2L_{3})$ $(O.5+o.5)^{2}\times(0.8+2L_{3})$	(m) (m) (m) (m) (m) (m) (m) (m) (m) (m)

No. 12 IRAINAGE CULVERT Kinds Calculated Process Unit DEARTH WORK B+2C+3.0= R B+2C-R A5 G B	Numbers 5 2A	Total (m') (m')	Remarks A=24.0 B=3.0 C=5.0 W=2.4 H=1.2 T=0.8 S=1/50
DEARTH WORK	5 2A	(nt') (nt')	A=24.0 B=3.0 C=5.0 W=2.4 H=1.2 T=0.8
B+2C+3.0= l. B+2C-l2 1.5 C B C /		(m')	B= 3.0 C = 5.0 W= 2.4 H= 1.2 T= 0.8
B+2C+3.0= l. B+2C-l2 1.5 C B C /.			B= 3.0 C = 5.0 W= 2.4 H= 1.2 T= 0.8
N.5 C B C A			B= 3.0 C = 5.0 W= 2.4 H= 1.2 T= 0.8
N.5 C B C A			C=5.0 W= Z.4 H= 1.2 T=0.8
			W= Z4 H= 1.2 T= 0.8
			H=1.2 T=0.8
			T=0.8
The state of the s			
·		-	0 = 1150
		1 :	16- 11-
W+2T+20+R=ls			lz= 13.0
JW+2T+20+1-3=lu			83-15.48
	1	8	ly=12 98
		<u> </u>	P5= 9.8
	.]	, ,	96=10.8
Q5 T W W W T Q5			
- SW. + 2T +10= ls			<u> </u>
- SW+2T+ 20= (6	-		
	 		<u> </u>
R = 5+03+ H+06+ 2×A×S =4.68	8		
I. EXCAVATION FOR CANAL BANK			 -
((3+ (6) x = x R			
$= (15.48 + 10.8) \times \pm 0 \times 4.68 = 2 = 61$	150		-
(l3+l4)x 1/2 x 9/2	,~		
$=(15.48+12.98) \times \frac{1}{2} \times \frac{50}{2} = 6=35$	<i>5∂</i>		

	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
	•			(m) (m)	
	ax(l,+2kx=x2)		 	·	
	= 61.50 x (16.0+2×4.68× = ×2) -	1559.6			
	bx(B+Cx=x2)				
	= 35.58x (3 0+5.0x =x2)= (-)	2816			,
		1275.0	in3 ()		ļ
SURFAC	E STRIPPING			 	
	LET APRON				L3=13.0
	(13×10.0) × 0,3 × 2			-	
	= (13.6×10.0) × 0.3×2 =	81.6			
001	LFT APRON				<u> </u>
	L3x(10.0+5.0)x0.3x2				
· 	=13.6x(10.0+5.0)x0.3x2 =	127.4			
	IAL BANK SURFACE	<u> </u>			
	102+(5)2 xLzx0,3x4				Lz=8.8
,,, t.,	= (5.0+(50)= x8.8 x0.3 x4' =	59.0	<u>-</u>		ļ
	(F+0.2) + (=+01) x12x03x2	<u> </u>	(F=4.3
	= 1 (4.3+0.2) + (4.3+0.1) × 8.8×03×2=	26.6			
	(E+0.2)+(=+01)2 x L = x 0.3 x 2				E = 4.0
	= (40+0.2)+(40+0.1) x 8.8 x 0.3 x 2=	21.8			 }
	`	314.4	m3 2		
	XCAVATION VOLUME				
	() + (2) =			1509.1	1110
**		<u> </u>			
		ļ	-		<u> </u>
					,
·		<u> </u>			
· , »					
]		

	Table 2 Concrete, for	m &	Others	•	204
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(m') (m')	
2 BACKFILL	AND COMPACTION				H= 1.2
	WYX0166-18-				W=24
	To place a transfer mentage of a second place of and a second of				7=0.8
H	W 23 W 23 W 10 W 10 W 10 W 10 W 10 W 10 W 10 W 1	1	Ht0.3	:	Cy= 9.2
			26		(8.8 2 3.5
	77				R 9.8
,	Q ₅				
			•		
	(ly+ ls)x = x (H+0.3)+0.6x ls			:	
	(9.2+9.8)× ±x(12+0.3)+0.6×9.8				
=	d= 20.13			•	A=241.0
•	$d \times A + d \times (F + E) \times \frac{1}{2}$;	E= 4.0
=	2013 x 24.0+ 2013 x (4.3+4.0) x =				F= 4.3
=	3=	<i>566.7</i>			
	Ø- Ø=			708:3	יוון
2) REINFORCE	D CONCRETE				
54A.					
	SRXOJXA	/25/	س دن		
EALO	= 8.8 × 0.3 × 24.0 =	<i>ઇ.</i> ૩૭	<i>n</i>		
	WALL			-	C= 5.0
3	0,3 C D				0-40
	23				L1= 8.8
	(0,2+0.3)x= x=(C-D)x(L,+0.4)x	2			
1	(0.2+0,3)×5×= (5.0-4.0)×(8.8+0.4)×2=	1			
TOTAL	<u> </u>			ઠ5 66	12/3'

		- 4
~	0	•
	~	
e	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	v

W1 = 3 ·	Colombata	T		mara 1	n
Kinds	Calculated Process	Unit	Numbers	Total	Remar
		<u> </u>		(nt) (nt)	
FORM					
	(3W+0312)xA				
	=(3x24+0,3x2)x24.0 .	187.20	ın≥		
	(0.2+0.3)x = x = (C-D)x4				_
,	=(0.2+0.3)×5×= (5.0-4.0)×4 =	0.50	//t. L		
•	(1/(C-D)x2+0,3)x(L,+0,4)xZ				
	=\\\ \(\(\(\lambda \) \(\l		m L		
TOTAL				211.62	n e
······································	,				
		 			
	· · · · · · · · · · · · · · · · · · ·				
	,	 			
<u> </u>		 			
		 	ļ		
	,	 			ļ
			201 4 W	7	1 ,
And the second second		1 2 2	3 37 . 28 N	**************************************	32, 8
The state of the state of the		332	The state of the s	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
			5. 16. 3 M.	Park Care	
<u> </u>		13 42 23 .	74 8 1 J		1.44F h
A State of the sta			1 to 1 to 1	The same	
			- 2	The first state	13.15
e was a surgery		, 1	l : : : .	h	1 . 181 4

	Table 2 Concrete, for	·m &	Others	•	206
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
		i		(nt') (nt')	<u> </u>
DWET MA	SONRY				ļ
A I FLOOR					G-98
	ls x0.6x(A+5.0)				A = 24.0
	- 9.8 × 0.6 × (24.0 + 5.0) =	170.52	m3		
2. SIDE W	acc.		0.5		
	(0.5+T)x = x (H+0.3)-0.32	1			T=0.8
	(05+0.8)x 5x(1,2+0.3)-0.3=	1 1	13.63	7	H= 1.2
=	= e = 089	<u> </u>		6.3	E= 4.0
	ex(A+2x/E+(売)*x支)x2	<u> </u>			
=	= 089 × (24.0+2×14.0+1=)×=)×.	1	- - 		
		50,68) _H 3		
3. INSIDE	HXQ3X A XZ -	17.28	س د		
	FF WALL	//.20	<i>y</i> 11		
<u>4. CO1 - O</u>	- WILL				
	- A-sax			:	
	0.5				
	02-0,3			:	
	(0.3+0.5)x \$ x 0.5 x (05 + Ext.	(2)			
	(43+05)x = x05x (9.8+0.0x = 2)		' قرر		
SUB-TOTA	4 1+2.+3.+4 -	740.84	m34		
<u> </u>	<u>.</u>		ļ		
B. WET MASO	WRY LINING		-		
I. INLET	APROM		`		-
	L3 x 10.0 x 0.3 x 2 =	81.60	n J		13=13.6
Z OUTLET	APRON	<u> </u>			<u> </u>
	L3 x 5. 0 x 0.3 x 2 =	40.80	77. 3		
<u> </u>		<u> </u>			1

Table 2 Concrete, for	rm & (Others	•	-
Kinds Calculated Process	Unit	Numbers	Total	Remarks
			(nt) (nt)	
& CANIL SLOPE SURFACE	ļ			C=5.0
1(2+1=)2 x ((z+=+0,2)x03x	(4=8.8
= (50+(5) x (9.0+ 8.8 +0.2) x 0.3 x 4	91.73	m ^s		Vz = 9.0
· · · (F+0.Z)2+(5/2+0.1) × Lz × 0.3× Z	<u> </u>			E= 4.0
=\(\((4.3+0.2)\)^{\frac{1}{2}}+\(\delta(1)\)^{\frac{1}{2}}\times\(1	محامر		F=4.3
(E+GZ)2+ (E/2+O.1)x L2x0.3xZ	}			
= \(\((4.0\tau 2)^{\tau} + \((4.0/z + 0.1)^2 \tau 9.0 \times 0.3 \tau 2	<u>‡ 75,36</u> 	m		
1. CANAL BED				D-35
$B \times Lz \times 0.3 \times 2$ $= 3.0 \times 9.0 \times 0.3 \times 2$	1620	ੁ ਤ		B-3.0
r	7020	///		
S. CUT- OFF				
				
0.4				1.
.03-				
(0.3+0.5)x = ×0.4 x (2B+2L3)				43=13.6
1: =(0.3+0.5)x =x0.4×(2x30+2x13.6)	5.31	<i>m</i> .		
SUB - TOTAL	287.67	3		
	<u> </u>			
WET MASONRY TOTAL Q+5 =	 		<u>578.51</u>	<u>a</u> 3
	<u> </u>		,	<u> </u>
5) DRY STONE PITCHING				
10.0x4s x0.3x2 =	-	* <u>`.</u>	81.60	n3
	-	, ,		
			- 3 ,	2.7
	*	*		
	1.	<u> </u>		

تئے	i	5	Ž	9	;
	_		_	_	•

No. 13					288
DRAINAGE CULVERT	Table 2 Concrete, for	m &	Others		
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
DEARTH M					ļ
	$B+2C+3.0=l_{1}$ $B+2C-l_{2}$				A=24.0
	15 C B	1.5	21	· · · ·	B-30
	0				C-5.0
	8	N			W = 2.0 $H = 1.3$
·	2000.7.1.1.67720.71.7.0770.10.0470.45.22.22.22.22.24.				T=0.8
					5 = 1/100
<u> </u>	W+27+20+R=l=	ļ		:	l,=160
	3W+2T+20+6-5-lu				Pz=13.0
			3		l3 = 14.42
·	71		<i>P</i>	8	14=11.92
			5/	de	P5= 8.6 P= 9.6
		-			3 - 7.6
	05 T W W W	T a5	-		
	_ SW + 2T + 10= ls				
*	W+27+20= lo				
- \		<u> </u>			
<u> </u>	5+03+H+06+ =xAxS	=4.82			
/ EVCA 1/A	TOM	 			-
I. EXCAVA FOR CA	VAL BANK				\
21	(l3+l6)x + x R				
	=(14.42+9.6)×=×4.82 =	2=57	99		
	(P3+(4)x + x 4/2	·		-	<i>c'</i>
	= (14.42+11.92) x = x 50 =	<u> </u>	}		
		<u> </u>			1

	Table 2 Concrete, for	m & (Others	•			
Kinds	Calculated Process	Unit	Numbers	Tota	1	Remark	s
				· (nt) (nt)			_
	ax(l,+Zhx=x2)						_
	= 57.89 x (16.0+2x4.82x = 12)-	1,4843					
	bx(B+Cx=x2)			- ;			
	= UZ93x(3.0+5.0x=x2) = (-)	2634				. <u></u>	
		1220.9	18 ()				
SURFACE	STRIPPING					٠	
	T APRON					L3=12.0	2
	(L3×100) × 03 × 2						_
	=(12.0×10.0)×0.3×2 =	13.2		:			
OUTL	T APRON						
	L3x(10.0+5,0)x0.3x2		•				
·	=1201(10,0+5.0)×0.3×2 =	1080					
CANA	EANK SURFACE						_
	(C2+(5) x L2x0,3 x A					Lz=8.0	2
	(50 ² (5) ² × 8,0 × 6,3 × 4 =	1					_
	(F+0.2) + (=+a1) xL, x0,3 x2	[-	F= 4.7	, -
=================================	(1.7+3.2)+(4.7+0.1) × 8.0×0.3×2=	263		:		<u></u>	
· · · · · · · · · · · · · · · · · · · 	(E+0.2)+(=+01)2 x L2 x 03 x 2					E = 4.2	<i>;</i>
	(4,2+0,2)+(42+0.1) x 8.0 x 0.3 x 2=	1					
		224.8	m ³ (2)				
TOTAL_EX	CAVATION VOLUME						-
i vi	<i>○ † ② =</i>	,		1445	2	<u> </u>	
- tr		<u> </u>	`	•			_
<u></u>							
						and approximate process.	-
<u></u>			•				-
			-	!			-

•	Table 2 Concrete, for	m &	Others	•	2/0
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
•				(nt) (nt)	
2 BACKFILL	AND COLLEGE TION				H= 13
	W+10+06=68 -				W= 2.0
	L Las	-			7=0.8
, H	W A W A A W	1	1110.3		l7=8.0
	TO THE WAY OF THE PROPERTY OF		26		68 = 7.6
	77	1	T		R= 8.6
	Q ₅				<u>'</u>
		· · · · · · · · · · · · · · · · · · ·			
	(17+15)x=x (H+0.3)+0.6x15				
=	(80+86) × 5 × (13+03)+06×86				
	d= 18.44				4=24.0
	$d \times A + d \times (F + E) \times \frac{1}{2}$: 	E= 4.2
=================================	1844 × 20.0+1844 (1.7-1.2)			, ,	=4.7
	3= 5246		!		
	()-(3)=			6963	in'
<u> </u>				:	
E) REINFORCE	D CONCRETE				
SLA					
	BROBXA.	4400	صـــــــــــــــــــــــــــــــــــــ		
EVO	= 7.6 × 0.3 × 24.0 =	\$4.72	In_		
<i>LIND</i>	11-02	•			C=5.0
	0,3 C D				D=4.0
	23		<u>.</u>		L1= 76
	(0,2+0.3)x = x = (C-D)x(L,+0.4)x	2			
	(12+0.3) × = × = (5.0-4.0) × (7.6+0.4) 2				
TOTAL	,			56 72	mis

	Table 2 Concrete, for	m & (Others	•	-
Kinds	. Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
3) FORM					
· · · · · · · · · · · · · · · · · · ·	(3W+0312)xA				ļ
	=(3×20+0.3×2)×24.0 =	15840	ın≥		
	(0.2+0.3)x=x= (C-D)x4				
	=(0.2+0.3)x===(5.0-4.0)x4=	ł	//1 ²		<u> </u>
	(1(-D)x2+0,3)x(Li+0.4)x2	1			
*	=(=(5.0-0.0)×2+0.3)×(7.6+0.4)×2=	20.80	n L		
TOTAL				179 70	m
					<u> </u>
		ļ			ļ
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					ļ ————————————————————————————————————
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······································	· · · · · · · · · · · · · · · · · · ·				
		 			- -
					
• , , , ,					1
		 	 		
					
	, ,	<u></u>			

Kinds Calculated Process (a) WET MASONRY A 1. FLOOR $S \times 0.6 \times (A + 5.0)$ $= 8.6 \times 0.6 \times (24 \ 0 + 5.0)$ $= 8.6 \times 0.6 \times (24 \ 0 + 5.0)$ $= (0.5 + T) \times \frac{1}{2} \times (H + 0.3) - 0.3$ $= (0.5 + 0.8) \times \frac{1}{2} \times (1.3 + 0.3) - 0.3$ $= (0.5 + 0.8) \times (1.5 + 0.8$		Numbers	Total (n/) (n/)	Remarks* &- 8.6 A = 24.0
A 1. FLOOR $S \times 0.6 \times (A + 5.0)$ $= 8.6 \times 0.6 \times (24 \ 0 + 5.0)$ Z. SIDE WALL $(0.5 + T) \times \frac{1}{2} \times (H + 0.3) - 0.3$ $= (0.5 + 0.8) \times \frac{1}{2} \times (1.3 + 0.3) - 0.3$ $= e = 0.95$ $e \times (A + 2 \times \sqrt{E^2 + (\frac{E}{2})^2} \times \frac{1}{2}) \times \frac{1}{2}$ $= 0.95 \times (24.0 + 2 \times \sqrt{4.2^2 + (\frac{4.2}{2})^2} \times \frac{1}{2}) \times \frac{1}{2}$			•	Ţ
A 1. FLOOR $S \times 0.6 \times (A + 5.0)$ $= 8.6 \times 0.6 \times (24 \ 0 + 5.0)$ Z. SIDE WALL $(0.5 + T) \times \frac{1}{2} \times (H + 0.3) - 0.3$ $= (0.5 + 0.8) \times \frac{1}{2} \times (1.3 + 0.3) - 0.3$ $= e = 0.95$ $e \times (A + 2 \times \sqrt{E^2 + (\frac{E}{2})^2} \times \frac{1}{2}) \times \frac{1}{2}$ $= 0.95 \times (24.0 + 2 \times \sqrt{4.2^2 + (\frac{4.2}{2})^2} \times \frac{1}{2}) \times \frac{1}{2}$				Ţ
A 1. FLOOR $ls \times 0.6 \times (A + 5.0)$ $= 8.6 \times 0.6 \times (24 \ 0 + 5.0)$ Z. SIDE WALL $(0.5 + T) \times \frac{1}{2} \times (H + 0.3) - 0.3$ $= (0.5 + 0.8) \times \frac{1}{2} \times (1.3 + 0.3) - 0.3$ $= e = 0.95$ $e \times (A + 2 \times \sqrt{E^2 + (\frac{E}{2})^2} \times \frac{1}{2}) \times \frac{1}{2}$ $= 0.95 \times (24.0 + 2 \times \sqrt{4.2^2 + (\frac{4.2}{2})^2} \times \frac{1}{2}) \times \frac{1}{2}$				Ţ
$= 8.6 \times 0.6 \times (24 \text{ 0} + 5.0)$ $= 8.6 \times 0.6 \times (24 \text{ 0} + 5.0)$ $= (0.5 + T) \times \frac{1}{2} \times (H + 0.3) - 0.3$ $= (0.5 + 0.8) \times \frac{1}{2} \times (I.3 + 0.3) - 0.3$ $= e = 0.95$ $= \times (A + 2 \times \sqrt{E^2 + (\frac{E}{2})^2} \times \frac{1}{2}) \times \frac{1}{2}$ $= 0.95 \times (24.0 + 2 \times \sqrt{4.2^2 + (\frac{A_2}{2})^2}) \times \frac{1}{2}$				1=24.0
Z. SIDE WALL $(0.5+T)x \neq x (H+0.3)-0.3$ $= (0.5+0.8) \times \frac{1}{2} \times (1.3+0.3)-0.3$ $= e = 0.95$ $e \times (A+2x\sqrt{E^2+(\frac{E}{2})^2} \times \frac{1}{2}) \times \frac{1}{2}$ $= 0.95 \times (20.0+2x/0.2+(\frac{A-2}{2})^2 \times \frac{1}{2}$				•
$(0.5+T)x = x (H+0.3)-0.3$ $=(0.5+0.8) = x (1.3+0.3)-0.3$ $= e = 0.95$ $= x (A+2x\sqrt{E^2+(\frac{E}{2})^2} x = x + 2x\sqrt{2} + (\frac{A-2}{2})^2 = 0.95 \times (20.0+2x/4.2+(\frac{A-2}{2})^2 = 0.95 \times (20.0+2x/4) = 0.95 \times (20.0+$	3 ² 0.3			
$= (0.5+0.8) \times \frac{1}{2} \times (1.3+0.3) - 0.3^{\frac{1}{2}}$ $= e = 0.95$ $= \times (A + 2 \times \sqrt{E^{2} + (\frac{E}{2})^{2}} \times \frac{1}{2}) \times \frac{1}{2}$ $= 0.95 \times (20.0 + 2 \times \sqrt{0.2^{2} + (\frac{A_{2}^{2}}{2})^{2}}) \times \frac{1}{2}$ $= 0.95 \times (20.0 + 2 \times \sqrt{0.2^{2} + (\frac{A_{2}^{2}}{2})^{2}}) \times \frac{1}{2}$	0.35			
$= e = 0.95$ $= x(A + 2x\sqrt{E^2 + (\frac{E}{2})^2} \times \frac{1}{2})^{x/2}$ $= 0.95 \times (20.0 + 2x/0.2^2 + (\frac{A_2^2}{2})^2)$ $= 0.95 \times (20.0 + 2x/0.2^2 + (\frac{A_2^2}{2})^2)$	2 1			T=0.8
$e \times (A + 2x\sqrt{E^2 + (\frac{E}{2})^2} \times \frac{1}{2})^2$ $= 0.95 \times (24.0 + 2x/4.2^2 + (\frac{4.2}{2})^2 \times \frac{1}{2}$	1 1			H= 13
$= 0.95 \times (24.0 + 2 \times 14.2 + (\frac{4.2}{5})^{2} \times \frac{1}{2}$	<u>H</u>	1138	6.3	E= 4.2
	. 1	7		
3. INSIDE WALL .	5452	,, 3	:	
Hx03x:A X2=1,3+63 x2	2- 1872	מ ווק	:	
4 CUT- OFF WALL				
· · · · · · · · · · · · · · · · · · ·				
75 0.5			- -	<u> </u>
			:	<u> </u>
02 0.3				
(0.3+0.5)x 2x0.5 x (05 + Ex		3		
=(0.3+0.5) x = x 0.5 x (8.6+4.2x				
SUB-TOTAL 1+2.+3.+4	- 225.02	1134		
B. WET MASONRY LINING				
LINLET APRON				
L3 x 10.0 x 0.3 x 2	= 72.00	ق اد		L3=12.0
Z. OUTLET APRON				
L3 x 5. 0 x 0.3 x 2	= 36.00		•	1

		,			
	Table 2 Concrete, for	m & (Others	-	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(<i>ਸੀ</i>) (ਸੀ)	
3 CAN	L SLOPE SURFACE				C=5.0
	16'11=)2 x (Lz+= +0,2) x03x	4			4= 7.6
	(5.0=(50)=×(8.0+26+0.2)×0.3×4	= 76.47	70,5		Kz= 8,0
	V(Ft0,2)2+(F2+0.1)2 x L2 x 0.3x Z	ļ		ļ	E=4.2
	(4.7+0.2) + (4.7/2+0.1) × 8.0 × 0.3 × 2=	= 2630	ENAN		F-4.7
•	(E+02) + (E/2 +0.1) x L2 x 0.3 x Z	 			
· 	(4.2+0.2) + (4.7/2+0.1) × 8.0 × 0.3×2	= 7361	III S		
4. CAN	HL BED	 			
	Bx42x03x2	ļ 			B-3.0
	=3.0×8.0×0.3×2 =	14.40	لۍ (در		
5. CUT	OFF				
	. 05				•
	0.4				
•	03-11				
	(03+0.5)x = x0.4 x (2B+2L3)				L3 =12.0
	(0.3+0.5)x=x0.4x(2x3.0+2x12.6)=4.80	ن _{ارا}		<u> </u>
SVB - TC	TAL	25356	Ø		
WET MASON	PY TOTAL Q+ 5 =			478 60	n ³
				,	
3) DRY STOI	YE PITCHING				
,	10.0x2x0.3x2 =		, i	7200	7 173
	31			-	
				,	
,		• ,			
			,	٠,	
			-		<u> </u>
	<u>'</u>	<u>, </u>	<u> </u>	· — — — —	!

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No. 14 DRAINAGE CULVERT	Table 2 Concrete, for	m &	Others	•	<u> </u>
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
		<u> </u>		(n/) (n/)	
DEARTH M	ORK .				
	B+2C+3.0= l.				1-24.0
	B+2C-lz	7/5	20	,	B-3.0
	7.5		27		C-50
	8		The state of the s		W=1.8
	- James Company	8			4=15
A Comment of the Comm			AND DELETE		7=0.9
		ļ			8 = 1/100
	GN+2T+20+R= ls			:	1,=16.0
	3W+27+20+6-2=lu				l= 13.0
					13=14.22
	<u>0</u> ,			20	la=11.72
				100	Ps= 8.2
		/	<i>y</i>		li= 9.2
	73 75	T a5			ļ
	SW + 2T +1.0= s	 			
	LUW+2T+20= 86			<u> </u>	
		ļ	<u> </u>		
<u> </u>	5+03+H+06+ 2×A×S	=5.02			
					
I. EXCAVA	•				ļ
•	VAL_BANK_				
	(l3+l6)x = x R				
	=(11.22+9.2)×5×5.02 =	2=58	70		
<u> </u>	(l3+l4)x = x 4/2	,	-	:	
	=(14.22+1172)x = x 5.0/2 =	b = J23	Y		
	OLIÚN CONOU TINTO INTERNIC	<u> </u>			<u> </u>

Kinds	Calculated Process	Unit	Others,	Total	Remar
Kinds	Calculated Process	Unit	Numbers	(nt)	Remai
				(nt)	
	$ax(l_1+2lx\frac{1}{2}x2)$				<u> </u>
	= 5878 x (16.0+2x5.02x 2x2)-	15306			ļ
· · · · · · · · · · · · · · · · · · ·	bx(B+Cx=x2)	ļ			
	=3243 x (3.0+5.0x=x2)=+)	259.4			
	1	1,271.2	19 ()		
SURFAC	E STRIPPING				<u> </u>
	LET APRON	·			L3=//
	(13×100) x 0,3×2				
	=(117x10,0)x0.3x2 =	70.2		<u> </u>	
001	LET APRON				
-	L3×(10.0+5.0)×0.3×2				
	= //7×(/0.0+5.0)×0.3×2 =	1053			
CAN	IAL BANK SURFÄCE			:	
	1c+(5)2 xLzx0,3x4.				12=8
	= V5.07+(50) × 8.0 × 0.3 × 4 =	53.7			1
	(Fro.2) + (\frac{F}{2} + a1) x/2x03x2	1		:	F= 5.
	$= \sqrt{(5.1+0.2)^2 + (\frac{5.1}{2}+0.1)^2} \times 8.0 \times 0.3 \times 2 =$				<u>, , , , , , , , , , , , , , , , , , , </u>
, .		- 604		<u> </u>	E = 4
	- (E+0.2)+(=+01)2 x 1 2 x 0.3x 2 - (46+0.2)+(45+0.1)2 x 8.0x0.3x2=	7, 6		: -	4
	=1(4,610.2)+1=7-10.1) × 8.010.3×2=		10		-
		283.4	m (2)		
_TOTAL_E	XCAVATION VOLUME				-
	· · () + (2) =	ļ;-	·	1550 6	111
			<u> </u>	· •	
_		ļ	•	<u>i</u> .	ļ
. <u> </u>					
·		<u> </u>	-		<u> </u>
		Ì	,		

	· · · · · · · · · · · · · · · · · · ·			-	296
	Table 2 Concrete, for	m & (Others	•	•
Kinds .	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
2 BACKFILL	AND COMPACTION			:	H= 1.5
	W+10+10=07				W= 1.8
<u> </u>	Harris Company of the	-		· · · · · · · · · · · · · · · · · · ·	7= 0.9
H	W 95 W 95 A3	}	410.3		G 74
		1	26		12 7.0
	7	-1			Oc. 8.2
		1			
	,				
	(l7+lc)x = x (H+0.3)+0.6xls	<u></u>			
	(74+8.2)x=x(1.5+0.3)+0.6×8.2				
=	d = 1896				A= 24.0
	1896x 24.0+ 1896 (5.1+46)x=				E= 4.6 E= 5.1
1	3 = 547.0				= 3./
	()- () =			724.2	pp ()
2) REINFORCE	D CONCRETE				
SLA.	3				<u> </u>
	88×0.3×A				-
Evo	= 7.0 × 0.3 × 24.0 =	50.40	ממי		<u> </u>
FAVO	WALL 0.2			-	C= 5.0
17.14	031 C D	2-	. :		D= 4:0
	0.3		.:		L1= 70
	(0,2+0.3)x= x=(C-D)x(L,+0.4)x				37.
1	(0.2+0.3) x = x = (5.0-40) x (70+0.4) x=	1.85		,	- 17
TOTAL				<u>52</u> 20	11/2

	Table 2 Concrete, for	m &	Others.		
	·	1	<u> </u>		j.
· Kinds	Calculated Process	Unit	Numbers	Total	Remarl
		<u> </u>		(nt) (nt)	
FORM			·	<u> </u>	
1 1 × 300 12 %	3W+0312)xA	desiration fraction	angga "bimak mar "	a maraka jujes i	-,
····	=(3x1.8+0.3x2) x 24.0 =	1440	וווי		
	(0.2+0.3)x = x = (C-D)x4	[
	=(0.2+0.3)x5x5(50-4.0)x4 -	050	//1 ²		
	(1(-D)x2+0,3)x(L1+0.4)xZ				
	=\frac{1}{5(5.0-4.0) \times 2+03\rangle \times (7.0+0.4) \times 2 =	1924	n ²		'
TOTAL				16574	me
	,				
•					
•				_	
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	٤.	- `	· · · · · ·	ummyster na te in a servicionale.	
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			`		

	Table 2 Concrete, for	m & (Others.	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
WET MAS	ONRY				
A 1. FLOOR					ls-8.2
•	ls x0.6x(A+5.0)			· · · · · · · · · · · · · · · · · · ·	A = 24.0
	= 8.7×06×(240+5.0) =	142.60	3 ₇₁₁ 3		<u> </u>
z. SIDE WA		0.3	0.5		
	(0.5+T)x = x (H+0.3)-0.3 ² (0.5+0.9)x = x (1.5+0.3)-0.3 ³	0.32		1	T= 0.9
		Н		<i>i</i> ,3	H= 1.5 E= 46
;	e= 1.17 ex(A+2x(=+(=)* x=+)x2			<i>v</i> .5	7-46
	1.17x(24.0+2x/4.6+(=)2x=)x2		7		
		68.19	3		
3. INSIDE	WALL .				
	Hx03x A x2=1510312412-	21.60	יט וו <i>ת</i>		<u> </u>
4 CUT- 0	F WALL	ļ		<u> </u>	-
					
	02 03				-
		2)		<u>_</u>	
į	(0,3+0.5)x ± x0.5 x (05 + Ext. (0,3+0.5)x ± x0.5 x (8.2+0.6 x ± x2)	1	و بر		
	, , , , , , , , , , , , , , , , , , , ,	i	n34		
33437 4 37 4 37 4 37 4 37 4 37 4 37 4 3					
B. WET MASO	VRY LINING				
	APRON "				<u> </u>
	L3 x 10.0 x 0.3 x 2 =	_Za3	و رو		123=11.7
Z. OUTLET	APRON	ļ		¥	
	L3x5.0x0.3x2 =	35.70	/H W		

Kinds 3. CAM	Calculated Process	Unit	Numbers		1
3 CAMA	,		!	Total	Remarks
3 CAM				(m') (m')	
	L SLOPE SURFACE				C= 5.0
	10=1=1= x (Lx+= +0,2) x 0.3x				4=70
·=)	(503150)2x (80+ 70+0.2)x03x4	<i>= 7849</i>	ni st		Kz = 8.0
1.	(Fto,2)2+(F2+0.1)2 x L2 x 0,3x Z				E= 46
	(5/102) 15/2+01) -x 8.0 x 0.3 x 2 =	2844	Jaras .		F= 5:1
5 .	(E+02)2+ (5/2 to.1) x L2x0.3x2	<u> </u>			
į	(4.6+0.2)=+(4.1/2+0.1) × 8.0 × 0.3 × 2=	25.76	1H ^{CS}		
	t. BED				B
1	Bx22x0,3x2	1140			B = 3,0
		1440	/1/		
5CUT-	0.5	,			
		•			
	-04				
·	0.3				
}	(0.3+0.5)x = ×0.4 × (2B+2L3)				13=11.7
<u>=</u> (*	0.3+0.5) x = x0.4x (2x30+2x11.7)	= 4.70	/111 ^{CP}		
SUB-TO	TAL	257.09			
	•				<u> </u>
WET MASON	PY TOTAL Q+5 =			7/230	<u> </u>
					ļ
5) DRY STON	E PITCHING	· •			<u> </u>
	10.0x4xx0.3x2 =-	- 5°5° - - 1, 1, 1, 1	<u> इं.स.</u> १ _{-१५} ५० मेर	70 20	M3 = 7
3 2 NEV 3		1,3			1
	- P	(3, 1)	* *		المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع
<u></u>		, 11 m	,	. 42" . 1	1 32 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		•	, ,		

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No 15 DRAINAGE CULVERT	Table 2 Concrete, for	m &	Others.		
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
		 		(nt) (nt)	
1) EARTH	WORK				
,	$B+2C+3.0=l_1$ $B+2C=l_2$		2/2		
	1.5 C B	C 15			
		1			
		1 SN			
					22
			7		<u> </u>
	l6 + h - l3				
	16+h-92-l+				1 00
	Service ACCITATION CARACTER SERVICE A MAIN OF VINCINIA AND AND AND AND AND AND AND AND AND AN	<u> </u>	7		A =28.0
*	<i>₩</i>		3		8=3.0
Sen H		7	3	<u></u>	C = 5.0 H=.1.5
		1			W= 2.0
	25 T W 05 W 95 W	7 KIS		:	7-0.9
,					Q1=16.0
	=3W+2T+1.0=ls			,	Qz = 13.0
	15+ 10 = le				l3 = 16.0
k	= C +0.3+ H+0.6+ = AXS	+G			lu = 13.5
	= 6.20				ls= 8.8
	TION		-		16= 9.8
FOR C	ANAL BANK PORTION	<u></u>			G=1.16
	(13+16)x 2xh				5= 1100
		a: 1	298		<u> </u>
	(lst.la)x = x 4/2	 			ļ
*#	= (16.0+135)x = x 5.0/2 =	6.3	5.88 ₋		1
<u> </u>			 		
· · · · · · · · · · · · · · · · · · ·	<u>,</u>	[<u> </u>		<u>i</u>

Maria Caractar Company	0	O41	• *	30/
Table 2 Concrete, for	orm &	Otners	• •	
Kinds Calculated Process	Unit	Numbers	Total	Remarks
	!		(nt) - (nt)	
ax(0,+22x+2)			,	_
- 79.98 x (16.0+2x6.20)	= 22714		,	15=3.0
* b * (B+Cx = x2)	 -	 		C=5.0
= 36.88 / (3.0+ (.6)6	· 75.0	T		
	1976.4	¥, G		
SURFACE STRIPPING				
MLST APROM			<u> </u>	
	= 1 500	<u>}</u>		13=10.0
OUTLET APRON	an n			
CANAL BANK SURFACE	<u>- 90.0</u>			E = 5.0
(E+02)2 (72+01) X (13- 2)			-0.0
xo.3x 2	1			-
=V(5.0+0.2)+(50/5+0.1)=x(10.0-	88)			
x 0.6	= 19.5		5,756	
##+0,2) + (1/2+01) × (L3-45)		<u>'</u>		
x0.3x2	- :			
= V(6.0+0.2)+ (6.9/2+01) x(10.0- 2	<i>[F</i>]	-	,	, , ,
300 M 30 M 30 M 30 M 30 M 30 M 30 M 30	<u> </u>		- 1 °	
	1928	m (Z)		
TOTAL EXCAVATION VOLUME		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N-74	
V+0-		333, 33	2/69.2	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
	7 7 7			
	94.	43.34		
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
		Z		200

	Table 2 Concrete, for	.m. &r	Others		302
	Table 2 Colletete, for	III Q	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(m) (m)	
Z BACKFILL	AND COMPACTION				
	= BWthothO=R7	-1	-		H=15
	_3N+1.0+0.6=l8				W= 2.0
	0.3				7 = 0.9
	12 12 12 12 12 12 12 12 12 12 12 12 12 1		Hra3		Ey= 8.0
	1 4 1	<u>[j]</u>	<u></u>		ls . 7.6
	The second secon		0.6		Ps = 8.8
······································	T L W 45 W 45 W		1		
	ls	-	<u> </u>		
	(lg+ls)x 2 x(H+0.3)+lcxc	6	ļ		
	= (8,0+88) × = × (1,5+0.3)+8810.	6			
	= 2010 = d		<u> </u>	ļ <u>:</u>	1 28.0
	$dxA + dx(E+F)x^{\frac{1}{2}}$: -	E = 50
	= 20.10 x 28.0 + 3616, x (5.0+60)x=				F = 6.0
•	3	683.4	<u> </u>		
· · · · · · · · · · · · · · · · · · ·	Ø-3			1293.0	Mar
2) REINFORC	ED CONCRETE		<u> </u>		
SL,	4 <u>5</u>				
	18 x 0.3 x A				
	= 76×03×280 -	13.81	m ³		
<i>EN</i>	WALL 02				
	102 10				C=5.0
	$G = \frac{1}{2}(D-C) = 1$	P = 0.66	 		0=6.0
	a.3		 	-	L1= 7.6
					G=1.16
	(02+03)× = x lg x(L,+04)x		 		
	0.25x0.66x (76+0.4)x2 =	264	m3	<u> </u>	<u> </u>

٦	سو.	
7		

<u>-</u>					763
	Table 2 Concrete, for	m & (Others	•	•
Kinda	Calculated Process	Unit	Numbers	Total	Remarks
, O			1	(n!) (n!)'	
CONCRE	TE TOTAL			66.40	1113
(3) FORM			1 1	<u> </u>	NUMBER
	(n-W+03x2)xA	.2.606			NUMBER 1 OF BOX
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		18480	<i>m</i>		12-3
`	(0,2+0,3)× ± × l9 × A 0.7 C × 0.66 × A =	066	a -		L, = 7.6
•	(289 +0.3) ×(L,+0.4) × 2	000		; ;	-1. 7.6
	(7x0.66-0.3)x(76+0.4)x2=	25.92	n 2		
TOTAL	/-			211.38	n/ =
	Company				
WET MASO	i -			٠,	
A. I.FLOCK	1 x0.6x (A+5.0)		<u> </u>	* -	l== 88
	= 8.8 × 0.6 × (28.0+5.0) =	174.24	W. 3		A=28.0
2. SIDE	(05+T)x =x(H+0,3)-0.3		05 31		T-00
	(0.5+0.9)x = 1 (15+0.3)-0.09	-		<u> </u>	T=0.9 H=1.5
	C= 1.17	. }		н	E = 5,0
	ex(A+2x/E+(=fx2)x2		153		
,	1.17 x (28.0+ (5.0+ (5.0+ (5.0)=) x Z				
		78.60	m 3		
3 1×51	DEWALL	¥,			-
	$H \times 0.3 \times A \times (n-1)$		7 ⁽²⁾ , 5		
	X(×03×280×(3-7)	2520	m =		
A CUT	FOFF WALL	33.5	107 / 5		
	as as				
	022 has	19 19 19			

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	14 The Control of the				304		
Table 2 Concrete, form & Others.							
Kinds	Calculated Process	Unit	Numbers	Total	Remarks		
		1	 	(nt) (nt)			
	(0.3+05)x 2 x0.5 x(85+ Ex2 x 2)			ļ	E=5.0		
	$= 0.20 \times (88 + 5.0 \times \pm) =$	226	n'				
SUB-7	CTAL 1.+2.+3.+4 ==	28030	10 ¹³ (2)				
B. WET MAS	WRY LINING						
	APRON						
* .	L3x10.0x0.3xZ =	60.00	}	<u>'</u>	13=16.0		
ουπ Ετ	APRON	ļ	-	<u> </u>	E=5.0		
	13 x 5.6 x 6.3 x 2 =	3017		 	F = 6.0		
CANAL	BANK SURFACE (E-02)*+(=12+0.1)* x((23-25)				k= 8.8		
	x0.3x2	1					
	· 1(50+0,2)+(50/5+01) x (10.0- 83)		,	 		
	x0,6 ==	19.53			ļ		
·	1(F+0,2)2+(1/2+0,1)2 x(13-1/2)	<u> </u>		· 	 		
	x0.3x2						
	= V(60+0.2)= (6.9/2+01)=x(10.0-8.9)	i _			* .		
	x 0.6 =	22.07	3 (6)		1		
	SUB - TOTAL	DE 02	m ³ (5)	<u> </u>	1		
WET MASO	WRY TOTAL A)+ (5), =	*		413.12	JH 3		
5) DRY STON	PITCHING				1282		
	10.0 x 23 x 0.3 x 2 = =		33	60.00	1,33 1.3		
- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		100		3.4	L3=70.0		
					**		
4 4 4		, , ,	,		1 30		

No 16.					305
DRAIMAGE CULVERT	Table 2 Concrete, for	m &	Others.	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
1) EARTH	WORK B+2C+3.0 = l,	<u> </u>	26	,	<u> </u>
•	B+2C = Vz		27		
	7.5 C B	C 15			
		100			+
	100 100 100 100 100 100 100 100 100 100	[120		dup
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			a recombine the same hypothesis		
	16 + h = l3				
	l6+h-42 = l4				A =24.0
	44	17	82		8=3.0
		- 1y - 1y - 1y - 1y - 1y - 1y - 1y - 1y		2	C = 5.0
	The state of the s	1//		†	H=13 W-20
	_0.5 T W 05 W T a]			7=0.8
	_2W+2T+0.5= ls				Q = 16.0
· · · · · · · · · · · · · · · · · · ·	15+1.0-16	<u> </u>	,		Qz = 13 0
	C				C3 = 11.92
	= = +0.3+ H+0.6+ = AxS	=4.82			Ru = 9.42
I. EXCAVA	TION				ls= 61 l6= 7.1
	ANAL BANK PORTION				5=1100
	(13+16)x 1/2 x h				
	=(1192+71)x=x4.82 =	a=4	584		
	(ls+la)x, = x 4/2				
	= (11.92+9.42) x = x 5.0/2 =	6- 26	68		
					
	<u></u>		<u> </u>		<u> </u>

	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
	ax(l,+2kx = x2)				
	= 1584×(160-2×182) -	1175.3			
	bx(B-Cx=xZ)				
	= 7668x (30+5.0) = +)	2/3.4			
		9619	18 € W		·
SURFACE	STRIPPING		· · · ·		
111	ET_APRON	<u>'</u>			L3=10.75
	12×100 × 03×2				<u> </u>
	= (10.75-10.0) x 0 6 -	145			
0070	T APRON				
	L3x(10.0+5.0)x0.3x2				
	=1075,150x06 =	968		 :	
CAN	AL EANK SURFACE				
	102+(5) × L2×0.3×4	<u> </u>		<u> </u>	12=80
	= V5.07 (50) + 8.0 + 1.2 =	<u>53.7</u>		<u> </u>	
	(F+0.2) + (=+a1) x1,x0,3x2	t	·		F=4.4
=	V(4 4+0.2) -+ (-3-0.1) × 8.0×1 6=	247		- -	†
	V(E+0.2)+(5+0.1)2 x L 2 x 0.3 x 2				E=4.2
=	= V(4.2+0.2) + (4.2-01) × 8.0 × 0.6 =	•		 	
		263.3	_{111,3} (2)		
`_ <i>TOTAL_E</i> ;	XCAVATION VOLUME				
	<u> </u>			1225.2	/// ³
					
· 					
			*		
	<u> </u>			<u> </u>	1

Table 2 Concrete, for	m &	Others	•	
Kinds Calculated Process	Unit	Numbers	Total	Remarks.
			(nt) (nt)	-
Z. BACKFILL AND COMPACTION			*	
2N+0.5+1.0= P7		*	-	11=1.3
2W+a5+a6=8=1	 		· 3 ·	W= 2.0
al				7-0.8
	440	· · ·	,	C7=55
	- 			le -5.1
T W 45 W T				05=6.1.
	-	`		5 2
			<u>.</u>	
(ln+l+)x = x(H+0.3)+lexc				
= (t5+61) × = × (1.3+1.3)+6.1×0 6	- '			
= 1794 = 0	***************************************		:	1-240
$d_{x}A + d_{x}(E+F)_{x} = \frac{1}{2}$	1.	•	•	E=4.2
= 1791 x 21.0+ 1294 x (4.2+4.1)	1 ' '		· · · · ·	T=44
- (7)-(3)	362			
	* 2		<i>575:7</i>	400
2 REINFORGED CONCRETE			<u> </u>	
SLAB		, -		
18 × 0.3 × A	• • •			
= (:/ × 0.3 × 24.0	36.72	_m 3		
END WALL 02				
	^			C= 5.0
9.3 1 ½(C-D)	,	-	,	D= 4.0
				41-70
0.3	* , ;		y 1	÷ .
(02+0,3) × = × = (C-D) × (L,+0,4) ×	2	. ,	-	
= 025x ± (5.0-4.0)x (7.0+0.4)x2=	1.85	m ³		

,					<u>. 308</u>
	Table 2 Concrete, for	m &	Others.	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
CONCR	TE TOTAL		·	38.57	m ³
<u> </u>					
(3) <i>FORM</i>	(, , , , , , ,)			· ;	NUMBER 11: OF BO
	$(n \cdot W + a \cdot 3 \times 2) \times A$	110 11	z	•	n = 2
	$= (2\times2.0 + 0.6) \times 24.0 = $ $(0.2+0.3) \times \frac{1}{2} \times \frac{1}{2} (C-D) \times 4$	116 40	<i>)</i> "	•	
	0.25x = (5.0-4.0) xd =	0.50	ni z		4,=5.1
	1/2(C-D)x2+0,3)x(L1+0.4)x2	1			
	- (t0-1.0+0.3)x(t./+0.4)r2=	1430	m 2	•	
TOTAL				125.20	1) ×
		<u> </u>		· · · · · · · · · · · · · · · · · · ·	
4) WET MAS					
_AA	R 15 x0,6x (A+5.0)	,			Ps=61
	$=6./\times0.6\times(24.0+5.0)=$	166.14	11)13		A=24.0
2.SIDE	(0.5+T)x =x(H+0.3)-0.3		25		T- 08
	-(0.5+0.8) × = ×(1.3+0.3) - 009	-	1;		T= 0.8 H= 1.3
	= C = 0.95			Н	E = 4.2
	ex(A+7x/E2+(=5x2)x2		随		
	(95× (24.0+14.2+(123)×2		-7-		
		5452	m ³		
<u>3. //\S/</u>	DE WALL				
-	H x 0.3 x A x (n-1)		حی	<u>;</u>	
	$\frac{1.3 \times 0.3 \times 24.0 \times (7-1)}{2} = \frac{1.3 \times 0.0 \times 24.0 \times (7-1)}{2} = \frac{1.3 \times 0.0 \times 24.0 \times (7-1)}{2} = \frac{1.3 \times 0.0 \times 24.0 \times (7-1)}{2} = \frac{1.3 \times 0.0 \times 24.0 \times (7-1)}{2} = \frac{1.3 \times 0.0 \times 24.0 \times (7-1)}{2} = \frac{1.3 \times 0.0 \times 24.0 \times (7-1)}{2} $	936	m		
4. 607	-OFF WALL				<u> </u>
	NI as				
	0.2-1 43				

	Table 2 Concrete, for	m & (Others.		,
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
		-		(nt) (nt)	at the second se
	(0.3+0.5) x 2 x 0.5 x (ls + Ex 2.	2)			05=6.1
	0.20 x (6.1+1.2x =) =	164	1110		E=4.2
	-4				
SUB - 707	11 1, + 2, + 3, + 4.	77/66	n) ³ (4)		
B. WET MASON	IRY LINING				
	L3 x 10.0 x 0.3 x 2 =	1450	و الرا		L3=10.75
2 OUTLE	T APRON			<u> </u>	C = 5.0
	L3 x 5, 0 x 0, 3 x 2 =	3275	n		L1= 5.1
İ	SLOPE SURFACE			:	Lz = 8.0
	1/C=+(9=) x(12+ = +0.2) x 0.3	}			E=4.2
	VE.O. 2 (6.9/2) x (8.0+52+0.2)x1.2 V(F+0.2) + (5/2+0.1) x Lzx0.3x	1	/n°		F=44
=	V(1.1+02)= (12+01) x 8.0 x 0.6=	Ì	3		
1	(E+02)+(92+0.1)= x Lzx0.3x2	1			
1	1(4.2+02)+(4.2/2+0.1) × 8.0 × 0.6=	1	צוון		
- 4 CANAL	BED				
	B x L 2 x 0, 3 x 2			•	
	= 3.0 × 8.0 × 0.6 =	14.40	<i>יונן</i>		5 .
	OFF WALL (0.3+0.5)x=1×0.4×(ZB+ZL3)				
1	0.16 x (Z×3.0+2×10.75)=	1	3		1 04
- SUB- TU		235.96			23
i e	VRY TOTAL 4+5 =			407.62	n ³
					<u></u>
(5) DRY STONE	PITCH ING 3				
* * * * * * * * * * * * * * * * * * * *	10.0 × L3 × 0.5 × ? =		<u> </u>	61.50	ノルゴ

No 17 DRAINAGE	Table 2 Concrete, for	m & (Others	_	3/0
CULVERT	1 001010101010101	1	1	•	1
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
1) EARTH	WORK B+2C+30= l,				
	$\frac{B+2C+3O=k_{1}}{B+2C=k_{2}}$		2/2		
	1,3 C B	L 115			
	in the second	150			
	The state of the s	1	1	<u></u>	42
Maracar-	Little & whether the time many in the property of the property.	د و _خ ده د		The same	
-	le + h = l3				
	l6 + h-42 = la				A = 16.0
			100		B=10
Me Sign	7		//	8	C 34
	Both plant and executive the proof of anything of the second of the seco	540.K	734		H= 1,2
j'			5	d	W-2.4
	Company with the second of the	A" 1 - Y 2	j		7=08
	05 T W W W W V	7 T a	5		0,=10.8
	-4W+2T+15=05				Qz = 7.8
	ls+1.0= £6.	<u>'</u>			B-1758
k	= = +0.3+H+0.6+ =xAxS	= 3.88		-	lu = 15.88
					ls=12.7
1. EXCAVA	TION				P6 = 13.7
FOR C	ANAL BANK PORTION				5-1100
	(13+16)x 2 x h				
	=(19.58+13.7)×±×3.88 ==	a=60	1.68		<u>'</u>
	(l3+lu)x = x 4/2				
	=(17.58+15.88)x=x3.4/2 =	b= 28	44		
				٤	
		<u> </u>			

	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
•	3-4			(nt) (nt)	
	ax(l,+2kx=x2)				
	= 60.68 × (10.8+2×3 88) -	1126 3			
	bx(B+Cx=xZ)				
	= 28.44 × (10+3.4) = (-)	125.1	 -		
		10011	11) EUI	· .	
<u>SURFAC</u>	E STRIPPING	•			
	LET APRON				L3=14.03
	(13×100) × 0,3 × 2				
· · · · · · · · · · · · · · · · · · ·	=(14.05×10.0) x 0.6 -	84.3		•	
001	LET APRON				
	L3 × (10.0+5.0) × 0.3 x2				
		136.5			
<i></i>	IAL BANK SURFACE				
	$= \sqrt{34^2 + (\frac{34}{2})^2} \times 8.0 \times 12 =$	\			1 z = 8.0
	Fro.2) + (= +a1) x1,2x0,3x2	Į.			F= 4.0
	= \((40+0.2)^2+(\frac{40}{2}+0.1)^2 + 2.0 \times 0.6 =	i			7-4.0
	V(E+G.2) + (=+G.1) × L2 × Q.3 × 2				E = 3,8
	$= \sqrt{(38+0.2)^2+(38+0.1)^2} \times 8.0 \times 0.6 =$:	
		291.3	ررر (2)		
TOTAL E	EXCAVATION VOLUME				
	() t (2) =		 	1292 4	ارر ارر

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	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(m²) (m²)	
Z. BACKFILL	AND COMPACTION				
	1 4W+15+10=l7	i			H= 1.2
	0.2 <u>AW+1.5 +0.6= l8</u>		2.2		W= 2.4
, 7		i	403		7 = 0.8
	The state of the s	2	2		l ₇ =12.1 l ₈ · 11.7
	T W W W	ソファ		,	P5 = 12.7
	200				
		;			
	(l+1 ls) x = x(H+0.3)+ lsx0				
1	(12.1+127) × = × (1.2+0.3)+12.7×0.0	<u> </u>			
	26.22 = d				1=16.0
1	$d_xA + d_x(E+F)x\frac{1}{2}$				E=3.8
	26.22 × 16.0+ 26.22 × (3.8 + 4.0) ×	2 521.8			F= 4.0
	()-3	54.0		1793	mos
2 REINFORCE	D CONCRETE				
SLA.					
	18 × 0.3 × A				
		56.16	/m ³		
ENI.	WALL 02				
<u> </u>	193 1/2 (C-D)				C= 3.4 D= 2.6
:					L1=11.7
	0.3				
	(02+03)x = x= (C-D)x(L,+04)x	2			U
	0.25x = (3.4-2.6)x(11.7+0.4)x2=	2.42	m³		

					3/3
	Table 2 Concrete, for	m & (Others	•	P.
Kinds	Calculated Process	Unit	Numbers	Total	Kemarks
	· ·		•	(nt) (nt)	
CONCRE	TE TOTAL			58 5	3 m3
<u>.</u>		-			
(3) FORM	(- W - 03 - 2)			1	NUMBE 11 OF SC
	(n.W+0.3x2)xA =(1x21+0.6)x/1.C =	163.20	خرارا	:	n=4
	(0.2+0.3)x 2x2(C-D)×4	75000			
	pztr=(34-26)+4 =	2.10	ni z		4-11.7
	1/2(C-D)xZ+0,3)x(L1+04)x2				
	(34-26-13)/(119+04)+2=	26.62	m ²	•	
TOTAL				176 Z	2 112 :-
4 WET MASO	NRY			<u></u>	
i e	8 × 0.6 × (A + 5.0)				- S-12I
	= 12.7 x 0.6 x (16.0 + 50) =	160.02	ni ³		A=16.0
2SIDE_	WALL	1	25		
	(0.5+T)x =x(H+0.3)-0.3		, , ,	-	T= C.8
	(05+0.9) · = × (1.2+1·3) - 009	-		<u>a</u> ;	H=1.Z
	ex(A+7=/E2+(=5 x 2) x 2		# # 1	H	E = 38
	.507.				
=		36.04	m ³		
3. INSL	DE WALL				
	H x03x Ax (n-1)		3	<u> </u>	
	$1.2 \times 0.3 \times 16.0 \times (4-1) =$	17.28	<i>m</i> -		
4. CUT	-OFF WALL				
	0.5				
	0.2-1, 70.3				

_	, ,
٠,	10

					3/4
	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
		1		(m') (m')	1
	(0,3+0.5) x 2 x0.5 x (ls +Ex)	2)	-	1	12.7
	p.20×(127+3.8×台) =	292	ن درو درو	;	E = 3.8
SUB-TOT	11 1.+2,+3.+4.	Z/t:.16	m³ 4		
B. WET MASON	YRY LINING			:	•
1. INLET	APRON				
	13×10.0×0.3×2 =	34.30	ا درا		Ls=14.05
2 OUTLE	T APRON				C = 3.4
<u></u>	L3 x 5. 0 x 0. 3 x 2 =	42.15	<i>711</i> 3		L1= 11.7
3. CANAL	SLOPE SURFACE	<u> </u>			42-8.0
···	VC=+(42)= x(L2+ = +0,2) x 0.3	4			E=3.8
=	V34+ (3.4/2) x (9.0+1/2+0.2) x 1.2	-6409	mt	· · ·	F=4.0
	(F+6,2)2+ (5/2+0.1) x L2 x 0,3x	2	<u> </u>	:	
=	V(40+0,2)2+ (4.9/2+01)2 x 8,0 x 0.6=	22.54	מו		
	V(E+0.2)+(=12+0.1)= x Lzx0.3x2				-
	V(3.8+0.2)-(38/5+01) , 8.0 × 06=	z/.47	ייין		
4 CANAL	BED				
	Bx42 x0.3 x2				
	=1.0×8.0×0.6 =	4.80	וון		2.5
5. CUT-	OFF WALL				
	(0.3+0.5)x 2 x 0.4 x (2B+2L3)	ļ 			FF 1
	D. 16x (2x/0+2x/4.05) =	4.82	m ³)	64
SUB-TO	TAL =	Z44.1	1135		123
WET MASO	VRY TOTAL 4+5 =			460 4	3 113
5 DRY STONE	PITCHING				
1	10.0 × L3 × 0.3 × 2 =			84.30	o m 3
·	CANVIL CONCILLTANTS INTERNA		NO.		

		 			3/5
No. 18 DRAININGE CULVERT	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
DEARTH W)RK				
	B+2C+30= l. B+2C-l2				1=16.0
	B+2C-l2		26	2	B=10-
				10 To 10 To	C = 3.4
	8		The state of the s		W=15
	The same of the sa	R	3.5%		1/= 1.5
Marine 1					7=0.9
					8 = 1/150
	-6N+2T+20+R= l3-				l=10 8
	3W+2T+20+h-5-elu		 -==-;	;	lz= 7.8
					Pa=12.15
	<u> </u>			' '	ku=10 75
			7	l	ks= 73.
		5	/ 		16=83
	95 T W W W W	T 05		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1
	SW + 2T + 1.0= ls				1
	W+2T+20= P6				
R=	5+03+H+06+ 2×A×S	= 1.15			
		7.15.34			
I. EXCAVAT	TON				
1	AL BANK				
	(l3+l6)x = x R				
-	= (12.15+8.30)x+x4.15=	2= <i>43</i>	06		
	(P3+P4)x 1/2 x 9/2				,
	= (13.45+10.75) x = x3.4/2=	5 = 19.	72		<u> </u>
		,			

	Table 2 Concrete, for	m &	Others	•	
' Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
	ax(l,+2hx = x2)				
	=43.06.(10.80-2.4.15. +12)-	8224			
	bx(B+Cx=xZ)			: i	
	-19.72×(1.0+3.4× = 12)= (-)	26 8	 		
		735.6	1) Enc		
SURFACE	STRIPPING	<u> </u> 		····································	
184	T APRON	 		<u>'</u>	L3=11 25
	(13×100) × 0,3 × 2			-	
	= (11.25×10.0) × 0.3 × 2 -	1.75			<u> </u>
OUTL	T APRON				
	L3x(10.0+5.0)x0.3x2				
	=11.25-(10.0+5.0)-03-2 =	101.3	1		
1	L BANK SURFACE				
Ī	10 + (5) x L2 x 0.3 x 4				Lz= 8.0
Ī	$\sqrt{34^{2}+(\frac{34}{2})^{2}}\times 8.0 \times 0.3 \times 4 =$				P- 45
	(F+0.2)+(=+a1) x12x0.3x2 V(1.5+0.2)+(4.5+0.1)2x80x0.3x2=	ļ.			F= 4.5
=	(E+0.2) + (\frac{\infty}{\infty} + \alpha 1)^2 \times L_2 \times \alpha 3 \times 2	43.4		<u></u> _	E = 4.4
	V(1.1+0.2) - (2+0.1) x 8.0 -0.3 - 2=	217			2-4.4
	11. 12. 12. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	1	,,, [,] 2		
	CAVATION VOLUME				
	() + (2) =			9908	m3
	`				<u> </u>

	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
2 BACKFILL	AND COMPACTION				H= 1.5
	- W+1.0+0.6=PB-				JV= 15
	1 da da da				T= 09
Н	Was was was	\\	H10.3		82-6.5
	Selection of the select		26	,	6-6.1 C- 7.3
	.T	-	·		7.9.
1	(l7+lx)x2x(H+03)+0.6xl5			·	
,	(650-730) × = × (15-63)-06 × 7	.3			<u> </u>
	$\frac{d=1680}{d\times A+d\times (F+E)\times \frac{1}{2}}$				A. 16.0
1	16.80×16.0+16.80×(45+44)	Ļ			E= 44 E= 45
1	3=343.6				
	()- (j) =			3920	m ^{C2}
(3) REINFORCE	D CONCRETE			:	·
SLA					
	18×0.3×A	20 20	ون	:	
· FAIO		29.28	מי	,	
- FLYL	WALL 0.2				C= 5.4
	0,3 C D		-	!	D= 2.6
	23				L1= 6.1
	(0.2+0.3)x= x= (C-D)x(L,+0.4)x	1			
_	102+0.3)×5×5(3.4-2.6)x(6.1+0.4)×2	= 1.30			,
TOTAL	<u></u>	<u> </u>		30.50	1///

•	Table 2 Concrete, for	m & (Others.	•	
		<u> </u>	1		
Kinds	Calculated Process	Unit	Numbers	Total	Remark
,		,		(nt) (nt)	
FORM					
	(3W+0312)xA				
	=(3×1.5+0.3×2)×16.0 =	8/60	jn≥	,	
	(0.2+0.3)x=x=.(C-D)x4				
	=(0.2+0.3)15+5(3.4-26)-4-		// ²		
·	(1/(-D)x2+0.3)x(L,+0.4)xZ	,			
	=\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	14.30	nż		
TOTAL				9630	m
		<u> </u>		:	<u> </u>
				:	ļ
				i	<u> </u>
		ļ		<u>;</u>	
	,			÷	<u> </u>
				:	<u> </u>
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					ļ
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					<u>320</u>
	Table 2 Concrete, for	m &	Others.	•	
Kinds	Caiculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
3 CAN	L SLOPE SURFACE				C=34
	10=15) x (Lz+= +0,2)103x	l			4=6.1
	V3.4+(34) x (8.0+ 6.1+0.2) x 0.3 x4	= 5/59	ms		Lz = 8.0
	1(Ft0.2)2+(5/2+0.1)2 x L2 x 0,3x Z				E= 4.4
=	V(15-0,2)+ (45/5+0,1) x 8,0 x 0,3 x 2=	25.20	Sen Sen Sen		F = 4.5
•	(E+0.2)2 (E/2 to.1) x L2 x 0.3 x Z				
	V(1.4+0.2)+(4.9/2+0.1)=x 8.0 x 0 312	= 20 6)	nj ³		
	AL BED				ļ
	Bx42x0,3x2				B-1.0
	=1.012.0x13·2 =	480	וון		ļ
	OEF 0.5				
	03	<u> </u>			
		, 		;	
- -	0.4	 		<u> </u>	
	0.3+,1				
	(0310.5)x = x0.4 x (2B+2L3)	 			L3=11.2
	(03+05)1216.41(21/0+2×1/25	<u>نے کو تو یا (</u>	^{چی} <i>۱۱۱</i>	- 	
SUB - TO	TAL	211.40	③		
					
WET MASON	PY TOTAL Dr 5 =	ļ 		368 6E	m3
5) DRY STOP	NE PITCHING				ļ
	10.0x4s x0.3x2 =			6750) m2 -
··					<u> </u>
					<u> </u>

	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
		1		(nl) (nl)	
WET MAS	ONRY .				
A 1. FLOOR					G= 7.3
	ls x0.3x(A+5.0).				A=16.0
	-13x6.6x(16.0-5.0) -	9198	/n·1		
Z. SIDE YII	1		105		
	(0.5+T)x = x (+1+0.3)-032	0.3			T= 0.9
<u> </u>	(0.5+0.9)× =× (1.5+0.3)-0.32				11= 1.5
İ	e 1./7	, 4	(2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	7.3	E= 4.4
	ex(A+2x/E2+(=) x =)x2 1.17x(16+2+x4.4=(4.4) x =)x2		-y-		
	2.77410-2.74.441-37.72722	1895			1
3. INSIDE	WALL	1200	["		
[Hx03x A X2 -	14.20	ت (رم		•
1	F WILL				
	(82.5)				
	0.5		,		ļ
	025/015				
	(0,3+0.5)x \$ x 0.5 x (05 + Ext		,		
=	(03+05)1=10.5x(73+4.4x +xx	i			
<i>\$U5-7.07/</i> 1.	1.4.2.+3.+4 -	157.2	<i>m</i> 4		<u> </u>
P 1/5- 3/4"		ļ			
	NRY LINING				
- !: INLET		67.50	٠		15-11-21
2. OUTLET		07.30			La=11,25
	~	33.75	ن ایر		

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NO 19 EXAMAGE CULVERT	Table 2 Concrete, for	m &	Others.	,	·
e b n i N	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
() EARTH	WARK			î	
	WORK B+2C +3.0 = l.		2/		
	8+2C = P2			:	
	17.5 C B	C 1.5			
		100			
					22
		,			
	,				
	f6 + K - l3			: :	
	6+h-42-14			<u>.</u>	A=26.0
	200		1		8.10
	<u>\\</u>	17	15		C_34
Ser .	2	 \ 	/		H= 1.2
				· · · · ·	W-20
	35 7 W 05 W 95 W	7 as			7-09
	3W+2T+1.0 = V5				Q= 16.8
·	15+10-66				(z = 18
	= = +0.3+H+0.6+ = AxS				P3 - 16.23
		+G			Q=1253
	=6.43 TOM				ls= p.8
ì	ANAL BANK PORTION				G = 250
1	(13+16)x = xh				S= 1/00
	= (16.23+9.8) × = × 6.43 =	a = 8.	.69		
	(l3+lu)x 2 x 4/2				
	=(16.23+14.53) × = × 3.4/2 =	b = 26.	15		
	,				

Kinds	Calculated Process	Unit	Numbers	Total	Remai
	•			(nt) (nt)	
	ax (l, +2hx = x2)				
	- 8369 x (10.8 + 2x643) =	1380.1			B= A
	b x (B+Cx = x2)			1	<u> C - 3</u>
	=.76.15x(1.0+3.4) = +>	115.1			 -
		1865.0	17 d		·
SURF	ACE STRIPPING				<u> </u>
	LET APRON				
	L3 ×10.0 × 0.3 ×2 =	60.0	'		13-10
001	TLET APRON				
	13x(10.0+5.0)×0.3×2 =	90.0			E = 2.
CÀN	VAL BANK SURFACE		•		F= 4.
	V(E+02)+(4/2+0.1)2 x(63- 25)				
	x0.3x 2				
	= 1(29+02)2+(29/5+01)2+(10,0-8	8)			
	10.6 =	11.6			<u> </u>
	1(F+0,2)5+ (1/2+0,1)2 x(L3- 65)				<u> </u>
	x0.3x2				•
	-1(4.2+0.2)2+(4.4/2+01)2x(10.0-8.8)			
	< 0.6	16.5			
	٠,	1781	n ^J Z		<u> </u>
TOTAL EX	CAVATION VOLUME			- -	
· · · · · · · · · · · · · · · · · · ·	()+(2) =			2043:1	יווי
····					
······································		,		·	<u></u>
4					
				,	1

	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit-	Numbers	Total	Remarks
				(nt) (nt)	
Z BACKFILL	AND COMPACTION				<u> </u>
	3W+10+10-87	<u>.</u> ,			11= 1.2
	3.W+1.0+0.6=1.R.				N= 2.0
	43				7.09
		<u> </u>	Hra.3		67=80
					le - 7.6
		<u> </u>	0.6		ls: 88
	TLW as W as W		Ī		<u> </u>
	ls				
	(ln+l+)x = x(H+0.3)+lexa	6			
=	(8.0+8.8) × =×(12+0.3)+8.8 +0.6				
<u> </u>	17.88 = d				A = 26.0
	dxA + dx(E+F)xz				E = 2.9
	1788 × 26.0+17.88 × (2.9+ 42) ×	<u> </u>		:	F 4.2
	5284 = 3				<u> </u>
	<u> </u>			13366	May
	,				
2) REINFORCE	D CONCRETE				ļ
SLA					ļ
	ls x 0.3 x A				
	= 7.6,03,26,0 -	59.28	ۍ _{ارا}		
ENI	WALL OZ				
	(W)	ļ			C= 34
	93 A G-3(D-C)=19	=040			D= 7.6
					L1=7.6
	33				
	(02+03)x = x (9 x(L,+04)x	2			
=	0.25x0. 40 x (7.6+0.4)x2 =	1.60	m³		<u> </u>

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•	Table 2 Concrete, for	m &	Others	•		3 <u>C4</u>
Kinds	Calculated Process	Unit	Numbers	Tota	1	Remarks
				(nt) (nt)		
CONCR	ETE TOTAL	·	<u>_</u>	60	88	111 ³
·						
3) FORM						NUMBE
	(n W+03×2)×A		&			NUMBE N. O.L. BO
	$= (3 \times 2.0 + 0.6) \times 26.0 = $ $(0.2 + 0.3) \times \frac{1}{2} \times 19 \times 4$	171.60	///			n=3
	~	0.40	ni z			4=7.6
	(2l9+0,3)x(L1+Q4)x2				-	
	= (2x0.40+0.3)x(7.6+0.4)x2 =	17.60	n 2			
TOTAL	V			189	60	かる
4) WET MAS					•	
A. 1. FLOO	R 15 x0.6 x (A+5.0)					l= 8.8
0.515	= 8.8 × 0.6 × (26.0+5.0) =	163.68	<i>ni</i>	•		A=26.0
2. SIDE	(0.5+T)× =×(H+0.3)-0.3	4	3 4			T=0.9
	= (0.5+09)x = x(1.2+0.3)-0.09				<u> </u>	H=1.2
•	= C = 0.96		1. S. S. S. S. S. S. S. S. S. S. S. S. S.	Н		E = 2, 9
·	ex(A+2×/E2+(=5 x2)×2			<u> </u>		
	0.96× (26.0+/z.9+(25)=)×2		T_			
	=	56,15	m ³			<u>.</u>
	DE WALL					
		1000	ne ³		-	
	- OFF WALL	10.12	///			:
	0.5					
	0.2-1, 10.3					

•	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remark,
)		(nt) (nt)	1
((0.3+0.5)x \$ 10.5 x (85+ Ext x 2)	 			F 2.9
.= .	0.20 × (88+29×5) =	205	m		1
	· · · · · · · · · · · · · · · · · · ·				
SUB-TO	TAL 1.+2.+3.+4 =	240,60	100 (1)	:	<u></u>
-		 		; 	
B. WET MASON	IRY LINING	ļ			<u> </u>
INLET	APRON	<u></u>			<u> </u>
	L7x10.0x0.3xZ =	600			13 = 10.0
OURET	APRON				E=2.9
	L3x5.0 x0.3x2 =	30.0			F = 4.2
	BANK SURFACE	 		;	C=8.8
	(E-02) + (E/2+0.1) × (63-25)				<u> </u>
	(0.3x2				
1	(2.9+0.2)=(29/2+01)=x(10.0-8.8)	l .		:	
	(0.6) =	11.65		<u> </u>	
ļ.	(F+0,2)2+(1/2+0.1)2 x(L3-1/2)			<u> </u>	
	(13.13) MH 13 (12.88)			:	
•	(42+02) + (47/5+0.1) x(10.0-8.8)	ł		<u> </u>	
	SUB-TOTAL	16.53	p13 (5)		
	300 - 101/AC	770.10		•	
WET MASON	RY TOTAL Q+5 =			358:78	3 111 8
				. !	
DRY STONE	PITCHING				
\	10.0 x L3 x 0.3 x 2 =			6000	3
					1370.0
	,				
	,				

					<u> 376</u>
No 20 DRAINAGE Table 2 Conci CULVERT	ete, forr	n & (Others	•	
Kinds (Calculated Pro	cess	Unit	Numbers	Total	Remarks
				(nt) (nt)	
DEARTH WORK	İ				
B+2C r3.			2/	, 	
B+2C = Pz					
		- 15			
		/82			
					42
A TENER TO SHEET OF MARKET OF MARKET SHEET OF					
P6 + R = 1	l'à				
06 + h - 9/2	-0.]		:	A = 20.0
Vie M. 7 h					8=10
	* * * * * * * * * * * * * * * * * * *	-			C = 3.4
		/			H= 1.0
F. 0		-	dz.		W=1.0
1	, j		- :		7-08
. 05 T W	T 0.5				0,=10.8
WIZT = ls					Pz = 7.8
_ ls+1.0 = l6					l3 = 8 38
R = C +0.3+H+0.6+	- 5×A×S+	G=1	78		R4=668
					ls=26
'I EXCAVATION					86=36
FOR CANAL BANK POR	TION		į		5=1200
((3+l6)x ½ x h					G=113
=(8.38+3.6)× ±×	1.78 = 0	2 = 20	3.63		
(l3+lu)x = x 4/2					
=(8.38+6.68)×= x	3.4/2 = 1	5 = 12	80		
				<i>-</i>	
· ·				•	

<u> </u>	Table 2 Concrete, for	m &	Others,	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remar
			1	(nੀ) (nੀ)	
	ax(lit 2h x =xz)				R= 4
	1 28.63 x (10.8+2×478) =	5829		•	R=10.
	bx (B+Cx = x2)			· · · · · · · · · · · · · · · · · · ·	B= 1.C
	= 1780 x (10+34) =(-)	5/3		*	C= 3,
		5266	M3 (1)		
SURFA	CE STRIPPING				
11/1	ET APRON	ļ 			} -}
	(L3x10.0)x0.3x2		 	· 	L3=5
	= (50-100)-0.6 =	300			
	TLET APRON				
	L3 x (10.0+5.0) x 0.3 x Z	 			
*	= 5.0 × 15.0 × 0.6 =	£5 <u>,0</u>	<u> </u>		<u> </u>
<i>CA</i>	NAL BANK SURFACE	<u></u>		·	
	/(E+0.2) +(=+0.1) x(L3- =)				E=4.
	1 × 0, 3 x 2	<u> </u>	i .		F=4
	= 1(4.7+02)= (4.7+01)=, (50-25) x	1	-		
		12.2		· ·	_
	1(F+0.2)2+(=+6.1)2 x (L3-==)	<u> </u>		· · · · · · · · · · · · · · · · · · ·	
······································	= V(d.7-0.2)2-(4.7-0.1)2x(5.0-26)x0,6	}			
	= (12.74.2) (5 +0)) × (3.0= 5) × 0.6	12.2		 :	-
·		1	n ³ 2		
TOTAL F	XCAVATRON VOLUME	 			
COME L	Ot 2	7,,,,,	<i>7</i> -	626:0	- i
,# · ·				0.0.0	+ -
		**************************************	-		
		14	, -	3."	<u> </u>
		July V		-	+ ,

^{&#}x27; SANYU CONSULTANTS INTTERNATIONAL, INC.

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	Table 2 Concrete, for	m &	Others		
Kinds	Calculated Process	Unit	Numbers	Total	Remark,
		l		(nt) (nt)	
Z. BACKFILL	AND COMPACTION				
	W+1.0= P7_				11=10
	W 0.6 - (8_			·	W= 1.0
					7-0.8
	1 1 1		·		R7= 2.0
					l8-1.6
	$T = W = T$ $W + 2T = \ell s$				ls=2.6
····	(ln+l+)x = x(H+0.3)+lsx				
	= (2.0+26)× =x(10+0.3)+26×0.6	1			
	= 455 = d				A = 20.0
	$dxA + dx(E+F)x^{\frac{1}{2}}$				E= 4.7
	= 455 x 20.0+ 455 x (4.7+4.7) +3	1			F-4.7
	_ 3	112.4			
	()-(3)			411 2	117 ^U
	,				<u> </u>
2) REINFORG	ED CONCRETE				
<u> </u>	ľ	<u> </u>			
	18 x 0.3 x A				<u> </u>
	= 1.6×0.3×20.0	960	_m 3		
<i>E</i> A	WALL 02	<u> </u>			
	$ 93 G-\frac{1}{2}(p-c)=$	0-			C= 34.
	$G = \frac{1}{2}(0-c) = $	9=0.5.	<u>ل</u>		D=46
	- - - -				4=16
	(02+0,3) × \frac{1}{2} × lq ×(L,+0,4) ×	2			G=1.13
- 	0.25 x 0, 53 x (1.6+0.4) x 2 =	ł	وي بير		

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	Table 2 Concrete, for	m & (Others	•	
Kinds	, Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	1
CONCRE	TE TOTAL			10:13	20
(3) FORM					14/2/55
	(n·W+03x2)xA				NUT 185. 11: 01- 150.
	=(1x1.0+0.6)x200 =	<i>37.00</i>	/1) ²		n=1
	(0,2+0,3)x2x1qx4		2.	· · ·	
<u>~</u>	0.25×6.53×4 = (2×19+0.3)×(L+0.4)×2	<i>(153</i>)	n!		L,= 1.6
	(2x053+03)x(16+04)x2=	1	2		
TOTAL	(2XV SO+VSIX (XETC 4/12	<i>- 144</i>	·	37:97	n, č
		 		1	
WET MASO	MRY				
	8 x0.6 x (A+5.0)			,	Ps. 26
	= 76×0.6×(20.0+50) =	3760	,,,,3 ²	,	A = 20 C
2. SIDE			0.5		
	(0.5+T)x =x(H+0.3)-0.3"	Ç	₹		T=0.8
7	(05+08) = = - (10+03) -009			<u>ā</u> 3	H=10
=	e= 076			Н	E=4.7
	ex(A+2×/E3+(=5 x 5)×2				
=	676× (20,0+14.7=(=7)=) ×2	3839	-		
		3001	<i>))</i> ;		
					,
3. CUT	-OFF WALL				
	a5				
	0.2-1, 70.3				

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	Table 2 Concrete, for	m & (Others	•	<u>.33,</u>
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
	(0.3+05)x 2 10.5 x(85+ Ex 2)				E=4.7
	= 0.20x(z.6+4.7x =) =	0.99	m		
SUB-7	DTAL 1.+2.+3	<u> 28.38</u>	10 ¹³ (1)		
B. WET MASS	WRY LINING				
INLET	APRON				
	43×10.0×03×Z =	<u> 30 CC</u>			L3 = 5.0
ουτιΕτ	APRON				E=4.7
	L3x5.0 x0.3x2 =	<i>15.00</i>			F = 4.7
CANAL	BANK SURFACE		-		lr=7.6
	((E+0.2) + (F/2+0.1) x (L3 - 25)				
	x0.3x2				
<u></u>	V(4:1+0,2)=1(4.7/2+01) x(5.0-26)		<u> </u>		
	1(F+0,2)2+(F/2+0.1)2 x(L3-2)	12.2			
<u></u>	1(F+0,Z)+(1/2+0,1) x(43-2)	<u> </u>			
<u></u>	x0.3x2				
<u></u>	(1.7+0.2)2+(4-7/2+0.1)2 x (5.0-2.6)	.22			
······································	× 0.6 =	12.2	m3 (5)		
	SUB - TOTAL	5/.4		*	
WET MASS	NRY TOTAL A+5 =			147.78	/H 3
· · · · · · · ·				14/10	"
DRY STON	E PITCHING	# # 12 4 24 4	21 3	, , , , , , , , , , , , , , , , , , , 	1, ,
	10.0 x L3 x 0.3 x 2 =	¥ 1	и.,	30.00	Jn 3
			7.	1.7%	L3=5.0
•		*	`:		

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DEARTH WORK B+2C+3.0=1, B+2C=02 13 C B C 1.5	nbers Total Remarks (m') (m')
DEARTH WORK B+2C+3.0= l, B+2C= l2 1.3 C B C 1.5	(m') (m')
B+2C+3.0 = U, B+2C = 02 //5 C B C //5	(m)
B+2C+3.0 = l, B+2C = l2 //5 C B C //5	
B+2C=P2 15 C B C 15 CESSON MANY INCOMENSATION OF THE STATE OF THE ST	
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Little of the second of the se	" " "
W+2T+1.0+ R = R3	
W+2T+1.0+R-92=la	
- 11. Let 11. U 1 / 6 = (C)	A = 16.0
8	C = 3.4
	H= 12
	W=1.2
05- 7 W T 05	7=07
W+27=Re	4=10.8
l5 +1.0 - l5	Oz = 7.8
	S= 6 44
R = = +0.3+H+0.6+ = A+S = 384	R4 = 4.74
	P5=2.6
1. EXCAVA TION	56-3.6
FOR CANAL BANK PORTION	S=1/200
(13+16)x \frac{7}{2}xh	
$= (6.44 + 3.6) \times \frac{1}{2} \times 3.84 = a = 19.28$ $(23 + 2a) \times \frac{1}{2} \times \frac{1}{2}$	2
$= (6.44 + 4.74) \times \frac{1}{2} \times 3.4/z = 6 = 9.50$	
16,44,41,47,27	

	Table 2 Concrete, for	m & (Others,	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	1
	ax(l,+2kx = x2)		-		
·	= 19.78 x (10.3+2x 3 84) -	<i>3563</i>			
	bx(B+Cx=xZ)				
	= 950 × (1.0+.3.4) = (-)	41.8	-		
		314.5	m³ (1)		
SURFACE	STRIPPING		,		
M	ET_APRON	'			13=9,1
	(L3×10.0) × 0.3 × 2				
	= (9.1 × 10.0) × 0.6 -	54.6			
OUTL	FT APRON				
	L3×(10.0+5.0)×0.3×2				
	=9.1x1t0x0.6 =	819			•
CAN	L BANK SURFACE				
	(c'+(5) x Lzx0.3 x 4				Lz=8.0
=	1342+(34)=x8.0x/2 =	36.5			
	(F+0.2) + (=+a1) x12x0,3x2				F= 4.0
	V(1.0-0.2)=(40+01)=×80×0.6=	L			
	(E+0.2) + (=+0.1) × L2 × 0,3 × 2				E = 3,8
	V(3.8+02)+(38+0.1) x8.0×0.6=	2/5			
		217.0	m ³ 2		
	CAVATION VOLUME				
	() t (2) =		-	531.5	1113
	•				
•			```{·		
<u>. </u>	,				

Table 2 Concrete, for	m &	Others.	•	
Kinds Calculated Process	Unit	Numbers	Total	Remark.
			(nt) (nt)	
Z. BACKFILL AND COMPACTION				
W+1.0= l7_				11=12
$W+0.6 = l_B$	<u> </u>			W=12
				7-07
				(z= 22
				Pa - 1.8
T W 17				P.s = 2.6
W+2T=ls				
(lates) x = x(H+0.3)+loxo	1			
= (2.2+2.6) = 1 (1.2+0.3)+2.610 = 5.16 = d	.6			1 - 16 -
				A=16.0
- dxA + dx(E+F)x = - 5.16 x 16.0 + 5.16 x (3.8+4.0)x	/			E=3.8 F-4.0
= 3.76 × 76.0 = 3.76 × 13.6 + 4.07 ×	102 7			7-4.0
(7-3)	11/2		2118	mus
1 .			27.10	
2) REINFORCED CONCRETE				
SLAB				
l8 x 0.3 x A				
= 1.8 × 0.3 × 16.0	864	د _{ار}		
END WALL 02				
				C = 3.4
03 \frac{1}{2}(C-D)		-		D=26
·				4.=1.8
<i>b.3</i>				
(02+0.3)x \frac{1}{2} \times \frac{1}{2} (C-D) \times (L,+Q4) \times	1			 -
= 0.25x = (3.4-2.6) x(1.8+0.4)x2=	041	m®		<u></u>

SANYU CONSULTANTS INTTERNATIONAL, INC.

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	Table 2 Concrete, for	m &	Others.		!
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (nt)	
CONCRI	TE TOTAL			908	in 3
	,				
(3) FORM					MINITE
	(n·W+Q3x2)xA				NOME BC.
	$=(1 \times 1.2 + 0.6) \times 16.0 =$	2880	un ²		1=1
<u> </u>	(0,2+0,3)x \frac{1}{2}x\frac{1}{2}(C-D)x4	- 40	Z.		
	0.25 × 5 (34-26)-4 =	0,40	n!		4= 1.8
	\(\frac{1}{2}(C-D)\times 2+0.3)\times (L1+0.4)\times 2	4 84	2		
TOTAL	(3.4-2.6+0.3)×(1.8+0.4)×2 =	4 (44	["	31:04	ء.د
	·			20,000	
WET MAS	ONRY			.	
	R 8+ x0,6 x (A+5.0)				G= 2.6
	= z.6 x 0.6 x (16.0+5.0) =	3276	5/11/2		A=16.0
2. SIDE		-	05		
	(0.5+T)x =x(H+0.3)-0.3	 	73		T=0.7
	-(05+07)x=x(1,2+03)-0.09	1	ig i	43	H=12
	$e = \frac{c = c \delta l}{l}$			H	E=3.8
	ex(A+7x/E2+(=5x2)x2			<u> </u>	<u> </u>
	081 x (16.0+(3.82+(3.8)2) x 2	33.9/			
2 2		32.8%	m		
,	H x 0.3x Ax (n-1)				
	1.2×0.3×16.0×(1-1) =	000	713		:
•	-OFF WALL				
					,
	0.5				
	0.2-11/03 1				<u> </u>

	Table 2 Concrete, for	m &	Others,	•	
Kinds	Calculated Process	Unit	Numbers	Totai	Remarks
		<u> </u>		(nt') _(nt')	
	(0.3+0.5) x 2 x0.5 x (ls + Ex 1	2)			P5: 2.6
	0.20x(26+3.8x =) =	630	^ح رزر		E= 3.8
SUB-T01	11 1.+2.+3.+4.	66.46	11 ³ 4		
B. WET, MASOI	VRY LINING				
I. INLE	L3 × 10.0 × 0.3 × 2 -	5111	د رر		L3 = 9.1
2. OUTLE	T_APRON				C = 3.4
	L3 1 5, 0 x 0, 3 x 2 =	2730	יחי.		L1= 1.8
S. CANAL	SLOPE SURFACE				42=8.0
	JC=+(92) x(L2+ = +0,2) x 0.3	4			E= 3.8
	13.42+(34/2)2×(8.0+ 1.8+0.2)×1.2.	<u> 4151</u>	m ^s	•	F=40
	(F+0,2)2+ (5/2+0.1) x Lz x 0, 3x	2		:	ļ <u></u> .
=	V(4.0+0.2) + (40/2+0-1) 2 x 8.0 x 0 6=	27.54	n v		
	(E+02)+(42+0.1)= x Lzx0.3x2	l			
	(38+0.2)+(3.8/2+01) x 8.0 x 0.6=	2147	פוון		
4. CANAC	BED				
	Bx42 x0.3 x2		س		<u> </u>
	= 1.0 x 8.0 x 0.6 =	4.80	//\"		15
5. CUT-	OFF WALL (0.3+0.5)x = 1 × 0.4 x (2B+2L3)				
	1.16x(2x1.0+2x9.1) =	<u> </u>	3,		1 04
SUB-7	4		in 5		6.3
	VRÝ-TOTAL @+5 =			241.91	/ m ³
5) DRY STON	PITCHING				
	10.0 × L3 × 0.3 × 2 =			<i>54 60</i>	وررا

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EXCAVATION	7/1/2	1929	210.00	210.0	2100.	827.9	
EHRANKHENT	mt?		-		-		1 7
BACKELLING	2113	20%	30.2.	26/	302	1/6 7	
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(z) WIHERS			- B				The state of the s
WET HASONRY	- JII	123.66.	141.76	144.70	141.76.	88 195	d advantation trappopular for employee programme about a significant and an extra section in the section of the
ELASH BOARD	211.5	4.16	4.76.	4.96.	476	19.04	
	5.716	2,6	2.70	270.	270	10.26	
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			ESCAPE STA	IPE STRUKTURE FOR	C KOUTE	No. 338
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(1) EARTH MORK	<u> </u>			,		
EXCAUATION	11.3	1497	149.7.	2.99.4		
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BACKFLLLING	-776-	243:	24.3.	48,6		
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2) OTHERS "	i			•		
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FLASH BOARD	£7,77	1.28	1.98:	3,6		3
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No I ESCAPE Table 2 Concrete, for	rm &	Others	•	.937
Kinds Calculated Process	Unit	Numbers	Total	Remarks
1	r	1	(nt) (nt)	
EARTH WORK	,	, ,		
Excapation	· • · · · · · · · · · · · · · · · · · ·	'	77).3 2100	
EXCIVATION .		_	<u> </u>	1
BACK FILLING	· · · · · · · · · · · · · · · · · · ·		27/3	ĝiarrian kaj kaledorio al alboro estre el Albason 2 3
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NG 3 ESCAPE STRUCTURE	Table 2	Concrete,	form &	Others.		٠.
Kinds	Calcula	ted Process	Unit	Numbers	Total (Remarks (
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ESCAJE STRUCTURE l'able 2. Concrete, form &	Others.	* ,	
Kinds Calculated Process bunit	Numbers	Total	Remarks
		(m*) (m*)	
EARTH WORK	,		ا پر دوه است. معنوان داره است. معنوان داره است.
- EXCLUATION	<u></u>	2-10-0.	
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BACK FILLING.		هـرجي	
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OTHERS	-		
WET MUSEURT	*	194.26	بشمار داد استان ساکیا درسا
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Table 2 Concrete, form & Others. STRUCTURE Nine Calculated Process Unit Numbers Tot. (m) EARTH WORK EXCAUNTION 28/	<u> </u>
Kines Calculated Process Unit Numbers Tot. (m) EAKTH WORK!	<u> </u>
Nindsy Calculated Process Unit Numbers Tot. (m) (m)	<u> </u>
EAKTH WORK	15 45 43
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FLASH BOARD	60

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HOLINATAL	Table 2 Concrete, fo	rm &	Others.		الاس الاسان الاسان الاسان الاسان الاسان الاسان الاسان الاسان الاسان الاسان الاسان الاسان الاسان الاسان الاسان الاسان
Xinds	Calculates Process	Unit	.Numbers	Total	Remarks
		·		(nt) (nt)	1
EAPTH WORK		, ; , , , , , , , , , , , , , , , , , ,		;	
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_ WEJ. MASONRY				115.34	
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No.1 ESCAPE STRUCTURE	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
	,			(nt) (nt)	
D WET MAS	ONRY	1	,		-
FLOOR		, , ,			
- '	2 10 5-				
	40-				
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	-20				<u>'</u>
	7.4	-			
	06-7: 20 10 20 667		,		
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	1 23 1 1	<u>'</u>			
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	· : \\ \' \' \' \' \' \' \' \' \' \' \' \'	- , ,			
	- 10-			۲,	
3-12 BOX	7.0				, ,
			_ w		
	05 x 8.7 x 7.0 =	30.45			
	(20+24)x=x02x70 =	3.09	; · · !		,,,
	The state of the s			12 ° 51	
	CHANNEL FOR FLASH BO	1RD	EXCLU	PEO	
	0,2x0.7x 26 x 2 x 2 = c-	0.42	<u> </u>		
<u>Takan dan Marija dan Salah</u> aran dan Salahar	A STATE OF THE STA	1. 1. 1. 1. 1.	7	5 3 10 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	*
		33.71			
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 miles	***	1000
	The state of the s	8 1 7 m	1 2 2 2 2 2 2		1

ı : 					347
	Table 2 Concrete, for	m &	Others		
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(n/) _{m2}	
Z. WALL					
	(15 x0.6+87x10) 1 = x1.8 x Z =	17.28	,		-
	CHANNEL FOR FLASH BO	IRD	EXCLL	DED	
-	62203×18×4 = 1-		1	:	
		16.85	ž.	:	
3 PIER		-			,
	n				
	3 2		,		
1	0,3 1.4 03				
					
	FLASH	ECARD	CHANN	EL	<u> </u>
	87.				
		٠.			<u> </u>
	0.2 -11 / 0.2				
The state of the s		- 62	-	<u> </u>	
	14x10x18 =	252		• ;	, ,
	$(0.4+1.0)x \pm x0.3x2x1.8 =$	1			
	CHANNEL FOR FLASH BO	}	-	DED	
	-03x02x18x4 = (-)	0.43		,	4.
		2.8t	٠,٠		
A WET MASO	WRY LINING				ļ - <u>-</u> -
OUTLET	(LENGTH) (WIDTH) (THICENESS)	8.4 ° °.			
7-10	190 x 4.5 x 03 =	>5.65		- "	
CANAL	BED.		ر الله الله الله الله الله الله الله الل		, , ,
	120 × 10.0 × 0.3 ==	36 00			
			13/1/20 3		

,	Table 2 Concrete, for	m &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
			**	(m²) <u>(m²)</u>	
CANAL	BANK SURFACE		70		4
	BANK SURFACE (LENGTH) WIDTH (AOT15x40)x64x03=	19.20			
		80,85		·	
		-			
WET MAS	ONRY TOTAL YOLUME			133 66	<i>™</i> ≥
					WOOEN
2) FLASH BOX	RD WIDTH HEIGHT THEENESS Z.b x Z.O x D.Z =				BARD
	Z.b. x Z.O x L.Z =	1.04	4	4 16	100
(3) SAND					
	70 × 18 × 03 .	1:08	. Z.	2/6	no.
	* 2	7-1		`	
4) EARTH WO	ek .				~~
· I. EXCA VÃ	TON			:	, , , , , , , , , , , , , , , , , , , ,
{	BANK				
i	(80+80+25x05x2)x2 x 25	ı	-		, ,
• •	x(15+76x=27)	117.9	'= A	<u> </u>	
FOR MA	SONRY LINING	: '	:		-
3	(4:0+15+4.0)x4.65xa3 =	133		S lan a	· ·
	(40×45+120×100)×0,3 =	667	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	192 9	<i>///</i>
2. BACKFILL	AND COMPACTION				
	A -(6.2×15+7.0×8.7)				
	x25v3			ing ar	

The state of the s			- de 1800 - 18		The part of the second
	The Aller of the Control of the Cont	1 3 3 mg - a		A	1. 12. 12.

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Mo.2, Mo.4 ESCAPE STRUCTURE	Table 2 Concrete, for	m &	Others	•	347
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
		1 1 4	1	(118°) 	!
1 WET M.	ASONRY		} ! !		
1. FLOOR		<u> </u>	1		
	15	ļ	4	;	
	0				<u> </u>
	- FLASH BOA	RU CH	ANNEC		
		1-5			- -
	30	1 2	<u> </u>	:	
	2.6	1			
	8.7	1	1	<u> </u>	
	06 25 10 25 06	ļ		ļ <u>;</u>	
	21 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	↓ . -			
	0.3	0.7			
	10				
	8,0	,			
· · · · · · · · · · · · · · · · · · ·					
	$0.5 \times 8.7 \times 8.0 =$	34.80			
	(20+24)x = x0,2 x8.0 =	35Z			
g, 2-	CHANNEL FOR FLASH BE	ARD	EXCLU	DED:	· · · · · · · · · · · · · · · · · · ·
	0.2x0.2x3.1x4 = (-)	0.50		ur .	
	300	37.82			
2 WALL	73 303645	<u> </u>			25
	(1.5 x0.6 + 8.7 x 1.0) x 5 x 1.8 x 2	17.28		14 13 2 3	# E
	CHANNEL FOR FLASH BOL	i·	XCLUD	ĘD	
The second second	(0.2x0.3x/B)x4 = (-)	* ö. 43			1.1.5-
a , ' > "	and the second s	16.85	1 111 CS	-	
200	The state of the s	<u> </u>	2		1 .4.5

	···· <u>·</u>				340
	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(n') (n')	
3. PIER.	REFER TO NO. 1 ESC	APE	57RVC	TURE	
		285	nis	<u> </u>	
4 WET M	SONRY LINING	ļ			
OUTLE	T APRON CLEMETHS (WIDTHS (THICKNESS)	 	· · · · · · · · · · · · · · · · · · ·		
	20.0 x 4.5 x 0.3 =	2700			
CANAL	BED LEMETH) (WIDTH + (THICKNESS)				
	13.0 × 10.0 × 0.3 =	3900			
· CAVAL	BANK SURFACE				
	(4.0+1.5+4.0) x 1.4 x 0.3 =	18 24	, N		
		84.24		<u> </u>	
WET MA.	ONRY TOTAL VOLUME	-		141.76	m ^o
2 FLASH BO	ARD WIDTH HEIGHT				WCODEN BCARD
	WIDTH HEIGHT	1.24	4	4 96	Mis
SAND	,			1	, , , , , , , , , , , , , , , , , , , ,
	2.5 x 1.8 × 0.3 =	135	2	> 70	M ^{c3}
(4) EARTH W	ORK			:	
1. EXCAVAT					
CANAL	[·				
	(90+90+ 25x05x2)x=			*	•
	x75 x (15+36x2 x2).	130.7	-A		,
FOR YA	SONRY LINING	1 1 10 10	* 4 45°		5-1
	(4.0+1,5+4.0) × 4.65 × 0.30=	/3.3\	12 13 13 15 15 15 15 15 15 15 15 15 15 15 15 15		33, 200
	(20.0x45.+13.0x10.0)x63=	26.05		2/0.0	744. A
Z BACKFILE	AND COMPACTION	1 1 1 1	(1.75) (1.75)	ALL THE	
PARTIES CARROLL	4-A(7.2×75-8.0×8.7)	13 X 34		4. 5.2	
CALL TO SERVICE	x2 x25	,	1 40	302	1110
		生之学	Fr	; · · · · · · · · · · · · · · · · · · ·	r. 1

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Ma.3 ESCAPE STRUCTURE.	Table 2 Concrete, for	m &	Others	•	
Kinds .	Calculated Process	Unit	Numbers	Total	Remarks
		! !		(111') (111')	
D WET MAS	NRY				
1 FLOOR			† · · · · · · · · · · · · · · · · · · ·	;	
	<i>8.</i> 7				
	0.2 1 6.2			 	
	2		1		
	8	<u> </u>	z	,	
	_ 2.0		,		
	3.4	<u> </u>		-	ļ
			} - •	1	
			8.0		
<u></u>		1	1		
					‡ ·
					1
	0.5.87.8.0 =	4	1		
	(20+24)x7x0,2x80 =	1	1		
	$0.2 \times 0.2 \times 3.1 \times 4 = (-)$				10 162
	¢6	38. &2	1111	No.4 ES	CAPE
2. WALL	45	· · · · · · ·		:	
	2300		1 =	FT SIDE	WALI
	0.2 7 6.2			i	-
	40 5,		\$ <u>'</u>	,	
	26	3.6	Pic	EHT: 5	DE WALL
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, '% «"	- 1 1 2 2		<u></u>		
	- 10			}	
					ļ
	(06x15+10x87)x = x18 =	8.64	iò,	;	
13.0	(0.6x5.1+10.87)x 2 x18 =	10.58	·		
				-	13.

	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (xt')	
	CHANNEL FCR FLASH BOR	RD E	XCLUDZ	D :	
	a2xa3x18x4 -(-)	0.43			
	9	18.79	m³	1	; }
) P/CO					1
3 PIER_	REFER TO No.1 ESCA	I .	1500.70	:	
1 WFT M	ASONRY LINING	7.73			
	REFER TO No.2 No.4	55 <i>CA</i> 1	E 57	RUC TUR	=
		1 -	1000		ļ
WET MASO	WRY TOTAL YOLUME			144:70	1100
· · · · · · · · · · · · · · · · · · ·					:
2) FLASH BO	ARD (WOODEN)				·
	REFER TO NO.Z, NO.4	ESCAP	£ 57	RUCTUI 4:96	<u>.</u>
3 SAND				4 76	
.*	REFER TO NO Z. NO.4 E.	SCAPE	STRIN	CTURE	
				2:70	دوالا
DEARTH WO	ek .				
i. EXCAVATIO	N REFER TO No.Z. No.	4 ESC	APE S	TRUCTUR	
CANAL BI					
FOR MASO	WRY LIMING	, ,			, , ,
The same of the sa			***	2/00	1073
DACKAL	AND COMPACTION		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		
	x 25 + 18 x 3 6 x 2 x 25 x 25	25 3	3. ~	1.26 /2	213
			Walter Street		
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The state of the s	The state of the s		A		

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No. 5 ESCAPE STRUCTURE	Table 2 Concrete, for	m &	Others.	•	
Kinds ,	Calculated Process	Unit	Numbers	Total	Remarks
	· · · · · · · · · · · · · · · · · · ·		1	(<i>n</i>) (ਸ਼ਾੋ)	
1) WET HA	ISONRY	!	1		
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	24		<u> </u>		
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		 • 	\$	•	·
					·
		1 +			¦
	11.5 x 8.0 x 6.5 =	16.20	× 1		
	(20+24)x = x0.2x8.C -		1 i	t	
	$0.2 \times 0.2 \times 2.6 \times 4 = (-)$	1		•	
		19.10	m3 1		<u> </u>
Z. WALL		!			†
	17.5 CHANVEL	FCR BOAKD	45		<u>†</u>
	ADD		Tan)		
	02 1 22			/ <u> </u>	
				1 1	
	2	-	a3-1-1		
			7.5	+	ļ-,.
	1	ļ <u> </u>			
		<u> </u>			1
	(1.5x0.6+11.5+1.5)x + x25x2=	34 7	 		
	0.2×03×2.5×4 = (-)	0.60		· · · · · · · · · · · · · · · · · · ·	<u> </u>
		34.15	my.		<u> </u>
**		-]	:	

Table 2 Concrete, form & Others						
Kinds	Calculated Process	Unit	Numbers	Total	Remarks	
ŧ				(nt) (nt)		
& PIER	20			!		
	14					
			_			
				•		
	142.15.1.1	[,		
,		T		i	1	
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**************************************	03+1-1,23					
	7	1				
	0.2				 	
				·		
t	77.7			<u> </u>	ļ- 	
	0.2 0.2	 			 	
	1.4×1.0×2.5	3.50		,	-	
	(0.4+1.0)x=x03x2x25 =	,		•		
	0.2×0.3×25×4 = (-)	i		,	CHANNE C FR FLAS BOARD	
	,	395	fp st			
MASINRY	STRUCTURE SUB-TOTAL			•		
	. A =	67.20	ارر ع			
4. WET HASO	MRY LIMING			;		
OUT! F	APPON			. :		
	(LENGTH) (WIDTH) (THICKNESS)	25.65		,		
CAHAL	The time to the same of the		5		-, .:'	
	(LENGTH) (WIDTH): (HICHMES)	1080	i :		400	
VEET	WAL BANK SURFACE		المرابع المرابع المرابع	* 1 97		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(56x2+45)x 6.4 × 0.3 =	20110	* (%)		1332	
Poicht	CANAL BANK STOFF	7.7			a sik	
William St.	CANAL BANK SURFACE (5:6+0.3)×120 x 0.3 =-	21.20	pg1 % (,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

	Table 2	Concrete	, for	m & (Others	•	
Kinds	Calcula	ted Process	ı	Unit	Numbers	Total	Remarks
				! !	<u> </u>	(nl) (nl)	
	SUB - TOT	AL	B=	0207			
WET MASE	NRY TOTA	AL VOLUM	<i>A</i>	+B=		169:Z	7 1110
2) FLASH BOA	RD (WOEDS					·	
j ·	26x27			110	1	5.60	2 mo
3 SAND				7.5			
	0.3x2.0x2	<u>-</u>		150	2	3:00	7 111
DEARTH WE							
1. EXCAVATIO	İ						
CANAL E	ANK						
	(8.0+8.0+ S	2,0,5x2)x	<u></u>				
v	x3,2x(15+	-5,017x2)	=	19966	=A		
FOR MAS	NRY LININ	<u> </u>		 	_*	:	
	(5.6×2+15)	x 6.41 0.3	===	<i>2438</i>		:	
	19.024.5412	2.0 x3.0)x0	3 =	36.45		-	•
	(5.6 +0.3) r	12.0 × 0.	3 *	2124	-	281.8	7792
Z. BACKFILL		ACT/ON		\ 	, i		
		ZŽASTA QA	11.5)				
	x3.2x2					376	m ³
	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	· · · · · · · · · · · · · · · · · · ·		,-		
	5	art ye	<u> </u>		() ()		
10 3 to 10 3 t			7 (1) A	-	٠,٣		
			* 1, - c 1 -			1 1	
	200		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	g we speed to			
	1				3	i de	
7. 19 A			3/3/	,	- 1 To 1		1

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No.6, No.7	Table 2 Concrete, for	m &	Others	•	034
STRUCTURE Kinds	Calculated Process	Unit	Numbers	Total	Remarks
	* \$	· 		(n') (n')	
D WET MAS	ONRY			:	
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	2 2			<u> </u>	
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·			3		
	C54 70 105	17	-65	<u>i</u>	ļ -
	A 0.3 5 1			i 	
		 			
	401	: 	·		
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			, , ,	· · · · · · · · · · · · · · · · · · ·	
· ·	4.0x8.3x0.5 =	16.60		· · · · · · · · · · · · · · · · · · ·	
7.	0,2x0,2x26x2 = (-)	16.39	n"		
2. WALL	(0.5×1.5+1.0×8.3) x =				
		1539			
	x1.7 x2 =	041	اد اد اد اد اد اد اد اد اد اد اد اد اد ا		
WET M	SONRY LINING	14.98			
1300	TLET APRON		4		7 3 3 4
	16.0x4.5 × 0.3	21.60			
LEF	T CANAL BANK			3	
	I have the the transport of the state of the	3349	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
		1.6		, ,	

	Table 2 Concrete, for	m & (Others	•	
, Kinds	Calculated Process	Unit	Numbers	Total	Remarks
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MASONRY BLOCK LINING	Table 2	Concrete,	form &	Others.		
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MOJ MASONRY BLOCK LINING	Table 2 Concre	ete, for	m &	Others.	•	,
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The state of the s	Table 2 Concrete, for	m & (Others		
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
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	(57)	(m)	(m)	(m)	(<i>m</i> ,)		15, at)	(<i>fg</i> , unit)		(kg)	
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Table 2 Concrete, form & Others. Linds: Calculated Process Unit Numbers Total Remarks Concrete Work Recognized Contest Long General			k * * -	- U- _{U-}		<u> </u>
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NO.5,67.8. ∴ BRIDGE	Table 2 Concrete, for	m & (Others	-	
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	-0,90x-1-(4,10+0.55)x530	ļ	=	105	
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	2,30 X 3,70X 4		_ =	-94 /-	
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	(15,00+7,00) × 0,50+ 1	(5,00+	17 pn	20 63	
	X3,00 X600 X 2	74.72	74.5.7.5. 7.5.7.5.		
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And the state of t	×0,90 × 9.00 × 4		, , , ===	14.4.	AND THE
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110.5.6.7.8 BRIDGE	Table 2 Concrete, for	m &	Others	•	
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NO.5.6.7.8. BRIDGE	Table 2 Concrete, for	, w . %	Others		0/3
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NO.9 BRIDGE	Table 2 Concrete, for	cm &	Others		
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
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- 88109E	Table 2 Concrete, for	m & (Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
				(nt) (m)	
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				:	
Excavotion	-£(0,20+3,50) x 2,30 x 5,00		<u> </u>	21,3"	<u>.</u>
	+(490+250)X/100 X 5,00	·	===	18.5	
A	+ (0.40+2.30)×/,20× 5,00		===	81	
	1/2(4,40+3,20)×1,20+ 1/2	(+;/ + + -	230)X	•	
	170 X 2,30×4		==	460 839	orl.T
;	tstel:		* *	939	
	-1(5.00+250) × 1.10× 6.4	10 x 1	==	: -2	.J
Embunkannt	-{\f(5,00+9,50)\x\/\ti\+\\f\\(\)	!	[25.5	
* 24	5 /50 × 5.80 × -2	00 + 7			
-	(500+11.10) x1.50 + 5.00x	1201	200	58:2	
***	× ½	1,00		30.9	
	5.00×4.50×1.50		=	50B	
, ,	5,00×1,50 + 2(5.00+8,5	(0) x (t i	400	
· · ·	x 1.60 x - 1.		=	109	
	\$ (5,00+8,50) × 0,90+ \$	(5,004	5.90)	107	
- ¥	X 0.45 X /.00 x / 2		· =	43	
•••	5.00+5.90) X.O.45X	2	=	49	
promise de	1 5 (500+590) x 0.45 + 5	5,00+	2.70)	je	
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	±(500+770)×060×115	水学	2 =	57	1
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And the state of t	XX80 X300 X 3	37.33		23.9	7
	了。士(500+(U50)XX60XQ	60-	类	2.79	
	生(5,00+11,50) XX60 共。	150	?#.780)		
	1×0.701×4.80×2			424	

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NO.9. BRIDGE	Table 2 Concrete, for	m & (Öthers		
Kinds	Calculated Process:	Unit	Numbers	_Total ;	Remarks
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	x - ½	*1	, ==	1217	
*	4,50×1,50 + 2(4,50 + 7.3	10)2/	20/		
	X3.00× 1. ×2			419	
	一点(4,50 + 7,50) X 1,20 X 12	2.10 X	2	Congress V	
	×2- , /		, , ==	87.1	
	1.70×1.30× 1/2× 1.80×		, =	20	
	170×130× +× 6.20×-	-×2	==	69	
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Fact filling.	1030 + 2,56) X 2,30X			34.6"	, ,
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	- 6252			55.7	3.
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BRIDGE	Table 2 Concrete, for	m &	Others	•	
Kinds	. Calculated Process	Unit	Numbers	Total	Remarks
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	2550	<u> </u>	 		ļ.
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	0.25 x 0.25 x 3.30 x 2		==	0.41	B -3
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Form	0.40×3.30×2	ļ	<u> </u> =	2.61	! A
	2.50X5.00	<u> </u>		1250	<u>A</u>
,	0,25×3,30×2×2			330	¦ B
·	0.20 x 0,25 X 2 X 2	 	==	0'20	B
1 -	- total			16:4	14 ²
assirant Counte	0.05 x 3.30 x 4.00		÷	068	3 C
detmasorry	0,60×5,10 ×5.00	, , ,	=	1500	3 D
	1.70 X 0.40 X 5.00 X 2	-	, <u>-</u>	680	E
`	2,15 x 2 (0,30 + 0.90). x 5.00	×2	=	12 90	F
	total		T-1	35 66) શકે -
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۹			Numbers	Total	Remark
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, , ,	2,35 x 2 (0,30 + 1,80) = 24	17			
	Section (2)				ł L
-	$-180 \times \frac{1}{2} (0.30 + 1.00) = 11$	7			
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	-1(0+2)×1.85×4.			`	
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K nd;	Dia	Actual length	Hook length	Joint length (m)	Total length	Weight per meter	Weight of Unit (kg,'unit)	'Number '	Total Weight	Remarks
/	<i>916</i>	3./3	0.30		 3.43	1.578	5.4/	15	. 21.15	
.2.	"	3.30	.•		365	?	5.81		8134	
ક	4	481	9_		. 5.//	. 4	2.06	. 19	153.14	
1	9/3	3/5	0.24		<i>૩</i> .૩ <i>૧</i>	. 1.042			42,36	
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SANYU CONSULTANTS INTERNATIONAL, INC.

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BACKFILLING	211-7	2.5.	- N		Mary Control of the C
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CHECK GATE	Table 2 Concrete, for	m &	Others	Type 3	•
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
	*	<u> </u>		(nt) (nt)	
EARTH WORK					
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SANYU CONSULTANTS INTTERNATIONAL. INC.

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CHECK. GATE.	Table 2 Concrete, for	m &	Others	•	·
Kinds -	Calculated Process	Unit	Numbers	Total	Remarks
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	10.6		LENO	FTH 4,	pm_
	16.76			<u> </u>	<u> </u>
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	(10.6+11.76)× = x1.16 × 4.0	<u> </u>		5/9	In w
ZEMBANK	MENT				<u> </u>
	(4.68 + 2.0)x = x1.34x2x40=		-	-35.8	3/2,
3 BACKFIL		<u>,</u>			.3
	(108+05)x+x1.16x2x4.0 -	<u> </u>		7.3	nig
2) CONCRETE				, , ;	
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FLUGA		ENGTH A.On;			
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	2.6	15		a3	3 3 44 .
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	96×15×03 =		76.	4 32	n'o'
			71 3	1,5	1

SANYU CONSULTANTS INTTERNATIONAL, INC.

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	Table 2 Concrete, for	rm &	Others	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
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		ļ	<u> </u>		ļ
· · · · · · · · · · · · · · · · · · ·	FLOCK				<u></u>
	3.14 × 0.32 = 0.28			ļ -	
	10x06 = 2.60	 	<u> </u>		
A P-	0.2×0.15×2=1-) 0.06				
	A= 0.82		 	 	<u> </u>
· · · · · · · · · · · · · · · · · · ·	Ax 2.0 +1.0x0.3x2.2 =	2 30	3	6 90	121 35
4. SIDE Y		<u> </u>			<u> </u>
	15-15-10-		<u> </u>		
		b35-		ļ	
	0.5 12 1-12 1011	15	1.55	,	1
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SANYU CONSULTANTS INTTERNATIONAL HIC.

	Table 2 Concrete, for	m & (Others.	•	
Kinds	Calculated Process	Unit	Numbers	Total	Remarks
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	035×15×1.7 =	0.89			
	65 × 4.0 × 2.5	500	1		
	0.15 × 1.5 × 0.5 = (-)	611	; '	 +	
	0.2 x 0.15 x 20 = (-)	0.06			
		5. ZZ.	z	-11.44	1 7113
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TOTAL -	CONCRETE VOLUME			41 86	בתון
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3) FORM FOR	CONCRETE (FIGURES AK	F REF	ER TO	THE A	BOYE)
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	$(9.6 + 4.0) \times 0.5 \times 2 =$		ļ - -	13 60	
Z. FCR PIE		<u> </u>			
	2x3.14x63 +(0.4+0.15)		· - - -	•	
	x4+c.2x2 = 448 = A	1			
	$(1.0 + 0.3) \times 2 = 2.6 = 8$				
	Ax20+ Bx22=	14 68	- 01	11 00	127
3_EOR_SI	PE WALL	1 - 1			
	(AO +0.5 +0.15) x2 x2.5 -	1	1	· · · · · · · · · · · · · · · · · · ·	
	$(1.5 + 0.35) \times 2 \times 17 =$	6.29			
7 500 11	ADTO TIAD	29.54	2	5908	ni ni
4. FUR U	PPER SLAB	9.6			·
	3 63 63 SIDE WALL	ļ		1/63.	
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1-63	(15+03)x2×9.6+15×03×2	36.51		*	
	03×10×3+035×15×2=1-			ار سع ار د	2
	The second secon			- 5, 1-5	
TOTAL FORT				- 150 2-	/// Z

SANYU CONSULTANTS INTTERNATIONAL, INC.

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	Table 2 Concrete, fo	rm &	Others	•	
Kınds	Calculated Process	Unit	Numbers	Total	Remark
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4) REINFORCIN	G STEEL RODS			:	
CALCULA	TION IS SHOWN IN.	SEPAR	47E S	HEET	
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	GATE (WILTY)				,
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CHEC	K	GATE		Table	3 -	F	Reinfor	cement			
	Dia	Actual length	Hook length	Joint !	Tota lengt	1. :	Weight per meter:	Weight of Unit	Number	Total Weight	
Kinds		<u>-</u>		المرسف المحاجب	ند سدة تب			(kg/unit)	ت ستريم س م ار	2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m	Remarks
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-	٠.	_4.58	1 1-1-	:	1				- 1 -	196 05	
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. 12	<i>\$13</i>	0.88	0.24		-	-	1.042			4.68	
- 62	<i>\$</i> 13	1.38	0.34			62			4.	6:76	
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TAIL ESCAPE	Table 2 Concrete, for	m &	Others	•	¢.
Kinds	Calculated Process	Unlt"	Numbers	'Total	Remarks
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TAIL ESCAPE.	Table 2 Concrete, for	m & (Others		
Kinds .	Calculated Process	Unit	Numbers	Total	Remarks
1		2 2 4		(m) (m)	
Earnel U	Tout the second				
Exenuation	(=102+55)214+ f(55-72)+04)	7. B	1 m	17.3	
	[=(32+55)xx4+=(55+111)xx454	, , , , ,		17.7	Settle Settle
	[=(42+4962075-=1398+54)×13]=	, ,	· .	16.7	7
,	=(160+163)×0,30×4,00			19.4	35 - 1 3 - 14 35
	total	,		7/ 3	100
		- , s VA.	,, , , , , , , , , , , , , , , , , , ,		and the second
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Entan front	7(0,00+27()x 1.50x 2.00 x2	,		3.6	
	=(25+ 40)xe35 x350x2 3	, , , ,		86	, , , , , , , , , , , , , , , , , , ,
	total		` `;	16	
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					, ,
Backfelling	0.60×0.30×(2.00+1.00+350)	1		/ 3	
	\$1.1510.75x 2x(2,00+1,00)	· ·	, , ,	26	
	=(1,15+ 0.55)x 1.35x Zx(2,1071,007	3.30)	4, 44	1.46	5537
	= (0.65 + 1.50) × 230 x 2212, 60 +1.00	13.50).		22	
	=(1,15+1,00) x = 1 x 2 x 3.50.			. 8	****
Transfer State	=(c. 5) + 0.65 20 a 20 x (140+ 150)	, ':	2 1 2	50	
	total		f v = 1	16.4	
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	Table 2 Concrete, for	m &	Others		***
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SANYU CONSULTANTS INTTERNATIONAL INC.

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SANYU CONSULTANTS INERNATIONAL, INC.

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SANYU, CONSULTANTS INERNATIONAL, INC.

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SANYU CONSULTANTS INERNATIONAL, INC.

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