1.2.7 Masonry revetment, Type II

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Summary of Work Quantities, Masonry Revetment, Type II

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tem Description	Unit	Total			Kamal		
No		Package 1	Stagel	Stage 2		Stage3	
			main	main	Total	main	branch
6 Masonry Revetment, type II							
01 Coffering and care of water including dewatering	L.S.	[[
02 Excavation	cu.m	12,695		3,248	9,447	2,853	6,591
03 Backfilling	сu.m	1,129		290	839	267	572
04 Geo-textile, t=1.5 mm	sq.m	197		57	140	48	92
05 Gravel bedding	¢u.m	1,346		398	948	335	613
06 Cobble/rubble filling	cu m	683		117	511	163	343
07 Wet cobble/rubble masonry, type 1	cu m	5,252		1,494	3,758	1,288	2,470
08 Gabion mattress, 3.0x1.5x0.5 m, PVC coated wire	cu.m	4,831		1,242	3.589	1,144	2,445
09 PVC pipe for weep hole, diam. 50 mm	lin.m	1,231		.354	877	.303	- 574
10 Furnishing and driving wooden piles, diam. 15-18cm	lin.m	4,857		1,248	3,609	1,149	2,460
11 Concrete, type 4, for foundation	cu.m	\$02		205	597	190	407
12 Concrete, type 5, for leveling	cu.m	323		85	238	77	161
13 Form, type F1, for Item No. 2.6/11	sq.m	4,116		1.070	3,046	979	2,067
14 Reinforcing bars, for Item No. 2.6/11	łg	32,003		8,176	23,827	7,574	16.253
15 Rubber joint filler, t-10 mm	sq.m	882	-	250	632	217	415

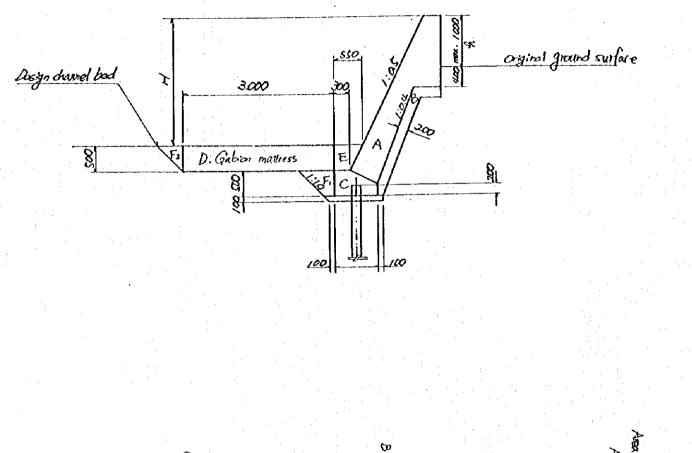
Package	2	•			1. 1. J. 1.
Item No.	Description	Unit	Total Package 2	Tanjungan	PIK Junction
2.4 N	fasonry Revelment, type II				·
/01 0	offering and care of water including dewatering	L.S.	· · · · · · · · · · · · · · · · · · ·		
/02 E	acavation	ເຍ.ຫ	1,056	1.056	
/ 03 B	ackfilling	cu.m	123	123	
/04 C	eo-textile, t=1.5 mm	sq.m	21	21	
105 C	ravel bedding	cu.m	140	140	· · ·
106 C	obble/rubble filling	cu.m	. 75	75	
107 Y	vet cobble/rubble masonry, type 1	CB.m	550	550	
/08 C	abion mattress, 3.0x1.5x0.5 m, PVC coated wire	¢u.m	521	521	
/09 P	VC pipe for weep hole, diam. 50 mm	lin.m	130	130	
/10 F	urnishing and driving wooden piles, diam, 15-18cm	lin.m	528	528	
/11 C	oncrete, type 4, for foundation	ເປ.ຕ	- 85	85	
/12 0	oncrete, type 5, for leveling	cu.m	36	36	
/ 13 F	orm, type F1, for Item No. 2.4/11	5q.m	443	443	
<u>/14 R</u>	einforcing bars, for Item No. 2.4/11	kg	3,457	3,457	
/ 15 R	ubber joint filler, t=10 mm	sq.m	93	93	

ltem Description No.	Unit	Total Package 3	Grde/Bor	Saluran Cengkareng	Meruya
5 Masonry Revelment, type II		· · · · · · · · · · · · · · ·		<u>├</u>	
101 Coffering and care of water including dewateri	ng L.S.		· · ·		
102 Demolishing, hauling and disposing concrete st	ruciures cu.m	34		34	······
/ 03 Excavation	çu.m	16,757	8,375	8,382	·
104 Backfilling	cu.m	1,368	737	631	
105 Geo-textile, t=1.5 mm	sq.m	266	132	134	
106 Gravel bedding	cu.m	1,875	915	960	
107 Cobble/rubble filling	cu.m	832	448	384	
/ 08 Wet cobble/rubble masonry, type 1	CU.M	7,055	3,524	3,531	
109 Gabion mattress, 3.0x1.5x0.5 m, PVC coated v	ite cu.m	2,700		2,700	
10 Gabion mattress, 3.0x1.5x0.5 m, galvanized wi	re cum	3 153	3,153		
11 PVC pipe for weep hole, diam. 50 mm	lia.m	1.670	830	840	
12 Furnishing and driving wooden piles, diam. 15	18cm lin.m	5.883	3,165	2,718	
13 Concrete, type 4, for foundation	cu.m	965	523	443	
14 Concrete, type 5, for leveling	cù m	401	212	189	
15 Form, type F1, for Item No. 2.5/13	sq.m	5,043	2.695	2.348	<u> </u>
16 Reinforcing bars, for Item No. 2.5/13	kg	38,506	20,881	17.625	
17 Rubber joint filler, t=10 mm	sq.m	1,186	591	595	



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Alba of section. B: Gravel badding when h-1.0m A: Wet calle/rubble masonry ר) ל ד =0.2(&+0.4 + 0.1 ++0.35) × (++0.5) × (+ 0.20832 (0.35+0.1 +) -0.392 + ± (0.75+0.14)(H+0.5)+0.20833(0.35+0.1H) -0.465+ ± (0.75+0.1H)(H+0.5)+0.0208H. (m²) ± (&+04)×04(&+04) + fas(++05)+035-04(++05)+235 2/ (++05)+1/2 + 2.5 (0.35+01)+ 015450 when have m. A=2 =0.2 = 0 L = (H+10-14) + 242 (H+10-14) + 14 124 = 1.0770H+0.129 - 0.2154 H+0.0258 - 2 (0.375-0.04/7H)(0,142-00167H) 1.0770 (H-0.4)+0.56 Same as Revenment Type I (m) 以2-2

Name of work: Package 1 Name of channel:

Revenment typeII/Excavation

No. 2.6/02

Kamal Drainage Channel (Main)

	Name of C	Dista		ranage C	Left Bank		[Right Banl	 (Total	
	Section). 27.27.288 (m.). 2010, and party and April .		Ā	rea	Volume	A	nea	Volume	Volume	
			unit	unit	average		unit	average	1		Stage
	No.	(m)	(m)	(m2)	(m2)	(m3)	(m2)	(m2)	(m3)	(m3)	
i	B.P(new)		a bilatika aku yan dangga ya								
1	KM-00	62.0	62.0								
	KM-01	182.6	120.6				1.1	:			
÷ .	KM-02	269.1	86.5				and the second				
	KM-03	321.8	52.7							· ·	
	KM-05	441.1	119.3								
	KM-06	543.8	102.7	, ·			: ¹	1.1			
	· KM-07	659.5	115.7				1.1.1	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10			
	KM-08	805.6	146.1	1.001					1	:	
	KM-09	868.5	62.9								1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -
	KM-10	978.1	109.6						:		
	KM-11	1,064.3	86.2								
	KM-12	1,179.4					- · · ·	[1 · · ·
	KM-13	1,266.9	87.5					·	1		
	KM-14	1,357.3	90.4								
. [KM14+23.4	1,380.7	23.4	Bin	a Marga's A	uca	Bir	a Marga's /	Area		
					a Marga's A	urea	·		1		
1	KM16+22.8	1,443.3	22.8						1	1994 - 1994 1997 - 19	
	KM16+36.8	1,457.3	14.0								$(1,1) \in \mathbb{R}^{n}$
	KM-17	1,482.5	25.2		÷						
	KM-18	1,589.2	106.7		2		· · ·		1. A.		
	KM-20	1,702.5	- : 113.3		2.2	250				250	
	KM-21	1,733.2	30.7	4.30	4.4	134				134	1. A 1
	KM-22	1,821.2	88.0		4.5	394	14			394	
	KM-23	1,916.7	95.5		4.4	425				425	
	KM-24	1,988.7	72.0		4.3	313				313	
	KM-25	2,084.6	95.9		4.4	422				422	
	KM-26	2,166.9	82.3		4.2	350			1. A.	350	- 1
	KM-27	2,286.8	119.9		2.1	249				249	
	KM-28	2,395.4	108.6				1.1				
	KM-29	2,473.2	77.8								a - 1
	KM-31	2,540.7	67.5		1.5			1997 - A.			
	КМ-32	2,614.2	73.5								
	KM-33	2,713.9	99.7			, ·					
	KM-34	2,769.5	55.6						1. A.		
	KM-35	2,822.7	\$3.2								
	KM-38	3,001.1	178.4		:						
	KM-40	3,126.7	125.6								
	KM-42	3,281.6	154.9				1.4				
	KM-43	3,393.3	111.7								
	KM-45	3,454.0	60.7								
	KM-46	3,527.4	73.4	i e			4.27	2.14	157	157	
	KM-47	3,618.9	91.5				4.14	4.21	385	385	
	KM-48	3,700.4	81.5					2.07	169	169	3,248
	KM-50	3,831.3	130.9			1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	4.40	2.20	288	288	-
:	KM-51	3,926.0	94.7	1			3.83	4.12	390	390	
	KM-52	4,022.9	96.9			100 A.A.	4.04	3.94	382	382	
	KM-54	4,110.0	87.1				4.26	4.15	362	362	
. ·	KM-55	4,247.9	137.9		1. A. A.	- x - [4.00	4.13	570	570	
	- KM-56	4,370.6	122.7			· · · ·	4.00	4.00	491	491	
÷ Į	KM-57	4,462.9	92.3				4.00	4.00	370	370	2,853
	Total					2,537	. 1		3,564	6,101	6,101

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	Name of v		Revetme	nt typeII /]	Excavatior	1			No. 2.6/02	2
	Package Name of c		Kamal D	rainage Ch	annel (Bra	unch)				
[Dista			Left Bank	1		Right Bank		Total
	Section	T		Ar	ra	Volume		ea	Volume	Volume
ĺ			unit	unit	average		unit	average		
	No.	(m)	(m)	(m2)	(m2)	(m3)	(m2)	(m2)	(m3)	(m3)
ł	KE00						3.74			
	KE01	36.6	36.6	3.91	1.96	72	3.94	3.84	141	213
	KE02	134.0	97.4	3.98	3.95	385	3.86	3.90	380	765
	KE03	272.3	138.3		1.99	276	3.87	3.87	535	811
	[•] KE04	372.7	100.4				3.98	3.93	395	395
Į	KE07	486.8	114.1					1.99	228	228
	KE08	568.3	81.5						. 220	
	KE10	626.2	57.9	3.80	1.90	111		А.		11
	KE11	714.3	88.1	3.80		335				335
	KE12	785.9	71.6	3.45	3.63	260	:			260
	KE13	894.7	108.8	3.70		389	1. E		: 1	389
	KE14	944.7	50.0	3.95	3.83	192				192
	KE15	1,020.1	75.4	3.28	3.62	273				273
	KE16	1,107.7	87.6	3.75		308				308
	KE17	1,174.1	65.4	3.75	3.75	249			and the second	249
	KE18	1,265.4	91.3	3.82	3.79	346		1.		34
1	KE19	1,376.9			3.83	427				42
	KE20	1,421.9	45.0			171			· · · ·	17
	KE21	1,497.0	75.1	3.87	3.80	286	3.75	1.88	141	42
	KE23	1,536.7	39.7	3.93	3.90	155	3.79	3.77	150	30.
	KE24	1,637.4	100.7		1.97	198		1.90	191	38
	KE25	1,718.5	81.1				e y e Tra			
	KE26	1,870.3	151.8							
	KE27	1,988.1	117.8				1997 - 19			
	KE28	2,058.7	70.6					:	$1 \leq k \leq \frac{2k}{2}$	
	KE29	2,132.0	73.3							
	KE30	2,298.5	166.5						an ta sa ta sa	* -
	KE31	2,474.4	175.9				1997) 1997) 1997)			
	KE32	2,580.3							:	
	KE33	2,754.7	174.4							
	Total			1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -		4,433			2,161	6,594

Name of work: Revetment typell / Excavation

Package 2 Name of channel: Tanjungan Drainage Channel

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No. unit unit average (m2) unit average (m2) unit average (m2) (m3) (m3) (m3) TM00 95.3 95.3 (m2) (m3) (m2) (m3) (m3) (m3) TM01 95.3 95.3 (m3) (m3) (m3) (m3) TM02 192.3 97.0 (m3) (m3) (m3) (m3) TM03 281.2 88.9 (m3) (m3) (m3) (m3) TM04 363.7 82.5 (m3) (m3) (m3) (m3) TM05 464.7 101.0 (m3) (m3) (m3) (m3) TM06 581.7 117.0 (m3) (m3) (m3) (m3) (m3) (m3) TM10 858.2 104.1 (m3) (m3) (m3) (m3) (m3) (m3) TM11 1082.6 43.0 (m3) (m3) (m3) (m3) (m3) (m3) (m3)	- [Dist	ance	<u>-</u>	Left Bank			Right Bank		Total
No. (m) (m2) (m3) (m2) (m3) (m3) (m3) TM00 95.3 95.3 95.3 (m3) (m2) (m3) (m3) (m3) TM01 95.3 95.3 97.0 (m3) (m3) <th></th> <th>Section</th> <th></th> <th></th> <th></th> <th>ra</th> <th>Volume</th> <th>Aı</th> <th>and the second second</th> <th>Volume</th> <th>Volume</th>		Section				ra	Volume	Aı	and the second	Volume	Volume
TM00 95.3 95.3 TM01 95.3 97.0 TM02 192.3 97.0 TM03 281.2 88.9 TM04 363.7 82.5 TM05 464.7 101.0 TM06 581.7 117.0 TM07 654.3 72.6 TM08 754.1 99.8 TM10 858.2 104.1 TM12 1039.6 90.1 TM13 1082.6 43.0 TM14 1198.3 115.7 TM15 1281.2 82.9 TM16 1357.3 76.1 TM164 1357.3 76.1 TM164 112.0 Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 100.1 TM18+17.5 1472.8 100.1 TM20 1652.8 100.1 TM22 1746.1 93.3 TM22 1840.4 94.3 3.90 TM22 197.7 25.4 3.94 3.94				unit	unit	average		unit	average		
TM01 95.3 95.3 TM02 192.3 97.0 TM03 281.2 88.9 TM05 464.7 101.0 TM05 464.7 101.0 TM06 581.7 117.0 TM07 654.3 72.6 TM08 754.1 99.8 TM10 858.2 104.1 TM11 949.5 91.3 TM12 1039.6 90.1 TM13 1082.6 43.0 TM14 1198.3 115.7 TM15 1281.2 82.9 TM16 1357.3 76.1 TM16 1357.3 76.1 TM165 1281.2 82.9 TM16 1357.3 76.1 TM16 1357.3 76.1 TM184 175.2 81.0 TM184 172.8 Bina Marga's Area Bina Marga's Area Bina Marga's Area TM184 1404.4 47.1 TM20 1652.8 100.1 TM21 1746.1 93.3 <		No.	(m)	(m)	(m2)	(m2)	(m3)	(m2)	(m2)	(m3)	(m3)
TM02 192.3 97.0 TM03 281.2 88.9 TM04 363.7 82.5 TM05 464.7 101.0 TM06 581.7 117.0 TM07 654.3 72.6 TM08 754.1 99.8 TM1 \$58.2 104.1 TM11 919.5 91.3 TM12 1039.6 90.1 TM13 1082.6 43.0 TM16 1357.3 76.1 TM18+17.5 1472.8 Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 Bina Marga's Area<	ĺ	TMOO							1		\$
TM03 281.2 88.9 TM04 363.7 82.5 TM05 464.7 101.0 TM06 581.7 117.0 TM07 654.3 72.6 TM08 754.1 99.8 TM10 858.2 104.1 TM11 949.5 91.3 TM12 103.6 90.1 TM13 1082.6 43.0 TM14 1198.3 115.7 TM16 1357.3 76.1 TM16 1357.3 76.1 TM16+58.3 1415.6 11.2 Bina Marga's Area Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 1483.5 TM18+17.5 1472.8 101.4 TM19 1552.7 69.2 TM20 1652.8 100.1 TM21 1746.1 93.3 TM22 1840.4 94.3 3.90 1.95 TM21 1746.1 93.3 101 4.06 4.06 104 2	•	TM01						2 B		- A.	
TM04 363.7 82.5 TM05 464.7 101.0 TM06 581.7 117.0 TM07 654.3 72.6 TM08 754.1 99.8 TM10 858.2 104.1 TM11 949.5 91.3 TM12 1039.6 90.1 TM13 1082.6 43.0 TM14 1198.3 115.7 TM15 1281.2 82.9 TM16 1357.3 76.1 TM16+75.1 1415.6 11.2 Bina Marga's Area Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 Bina Marga's Area TM20 1652.8 100.1 TM21 1746.1 93.3 TM22 1840.4 94.3 1952.3 111.9 3.94 1977.7 25.4 3.94 <t< td=""><td></td><td>TM02</td><td></td><td></td><td></td><td></td><td></td><td></td><td>16 P</td><td></td><td></td></t<>		TM02							16 P		
TM05 464.7 101.0 TM06 581.7 117.0 TM07 654.3 72.6 TM08 754.1 99.8 TM10 858.2 104.1 TM11 949.5 91.3 TM12 1039.6 90.1 TM13 1082.6 43.0 TM14 1198.3 115.7 TM15 1281.2 82.9 TM16 1357.3 76.1 TM16+58.3 1415.6 11.2 Bina Marga's Area Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+28.2 1483.5 10.7 TM20 1652.8 100.1 TM21 1746.1 93.3 TM22 1840.4 94.3 3.90 TM23 1952.3 111.9 3.94 3.94 TM30 2043.8 31.9 101 4.06 104 TM30 2043.8 31.9 101 4.06 104 2 TM35 2415.0 108.6 104 2 104<		TM03									
TM06 581.7 117.0 TM07 654.3 72.6 TM08 754.1 99.8 TM10 858.2 104.1 TM11 949.5 91.3 TM12 1039.6 90.1 TM13 1082.6 43.0 TM14 1198.3 115.7 TM15 1281.2 82.9 TM16 1357.3 76.1 TM16+58.3 1415.6 11.2 Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 Bina Marga's Area TM18+17.5 1472.8 Bina Marga's Area TM18+28.2 1483.5 10.7 TM19 1552.7 69.2 TM20 1652.8 100.1 TM21 1746.1 93.3 TM22 1840.4 94.3 3.90 TM23 1952.3 111.9 3.94 3.94 101 4.06 TM26 2011.9 34.2 TM30 2043.8 31.9 TM33 2181.2 137.4		TM04	363.7	82.5		$\{1, \dots, M\}$					
TM07 654.3 72.6 TM08 754.1 99.8 TM10 858.2 104.1 TM11 949.5 91.3 TM12 1039.6 90.1 TM13 1082.6 43.0 TM14 1198.3 115.7 TM15 1281.2 82.9 TM16 1357.3 76.1 TM16+38.3 1415.6 11.2 Bina Marga's Area Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 Bina Marga's Area TM19 1552.7 69.2 TM21 1746.1 93.3 TM22 1840.4 94.3 TM21 1746.1 93.3 TM22 1840.4 94.3 TM25 1977.7 25.4 TM30 2043.8 31.9 TM33 2181.2 137.4 TM34 2306.4 125.2 TM35 2415.0 108.6 TM35 2415.0 108.6 TM36 2508.2		5 TM05	464.7	101.0		· ·					÷.,
TM08 754.1 99.8 TM10 858.2 104.1 TM11 949.5 91.3 TM12 1039.6 90.1 TM13 1082.6 43.0 TM14 1198.3 115.7 TM15 1281.2 82.9 TM16 1357.3 76.1 TM16447.1 1404.4 47.1 TM16+58.3 1415.6 11.2 Bina Marga's Area Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 TM18+28.2 1435.5 TM19 1552.7 TM20 1652.8 TM21 1746.1 TM22 1840.4 TM23 1952.3 TM26 2011.9 34.2 3.94 3.94 3.94 101 4.06 102 1037.4 TM26 2011.9 34.2 137.4 TM30 2043.8 TM35 2415.0 TM35 2415.0 <tr< th=""><th>-</th><th>TM06</th><th>581.7</th><th>117.0</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr<>	-	TM06	581.7	117.0							
TM10 858.2 104.1 TM11 949.5 91.3 TM12 1039.6 90.1 TM13 1082.6 43.0 TM14 1198.3 115.7 TM15 1281.2 82.9 TM16 1357.3 76.1 TM16+47.1 1404.4 47.1 TM16+58.3 1415.6 11.2 Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 Bina Marga's Area TM18+28.2 1483.5 10.7 TM19 1552.7 69.2 TM20 1652.8 100.1 TM21 1746.1 93.3 TM22 1840.4 94.3 3.90 TM23 1952.3 111.9 3.94 3.92 439 4.06 2.03 228 6 TM25 1977.7 25.4 3.94 3.94 101 4.06 4.06 104 2 TM30 2043.8 31.9 137.4 1434 2306.4 125.2 1435 145.0 168.6 104 2		TM07	654.3			1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -					
TM11 949.5 91.3 TM12 1039.6 90.1 TM13 1082.6 43.0 TM14 1198.3 115.7 TM15 1281.2 82.9 TM16 1357.3 76.1 TM16+47.1 1404.4 47.1 TM16+47.1 1404.4 47.1 TM16+58.3 1415.6 11.2 Bina Marga's Area Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 Bina Marga's Area TM18+28.2 1483.5 10.7 TM19 1552.7 69.2 TM20 1652.8 100.1 TM21 1746.1 93.3 TM22 1840.4 94.3 3.90 1.95 TM21 1746.1 93.3 1.95 184 TM22 1840.4 94.3 3.92 439 4.06 2.03 228 6 TM25 1977.7 25.4 3.94 3.94 101 4.06 4.06 104 2 TM30 <td< th=""><th></th><th>TM08</th><th>754.1</th><th>99,8</th><th></th><th></th><th></th><th>1. A. A.</th><th>1. A.</th><th></th><th></th></td<>		TM08	754.1	99,8				1. A. A.	1. A.		
TM12 1039.6 90.1 TM13 1082.6 43.0 TM14 1198.3 115.7 TM15 1281.2 82.9 TM16 1357.3 76.1 TM16 1357.3 76.1 TM16447.1 1404.4 47.1 TM16+58.3 1415.6 11.2 Bina Marga's Area Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 TM19 1552.7 TM20 1652.8 100.1 11.9 TM21 1746.1 93.3 11.9 TM22 1840.4 94.3 3.90 1.95 184 TM22 11.9 1.95.3 11.9 3.94 3.92 43.94 4.06 2.03 228 6 104 TM25 1977.7 25.4 3.94 3.94 3.94 101 4.06 4.06 104		TM10	858.2	104.1				- 			
TM13 1082.6 43.0 TM14 1198.3 115.7 TM15 1281.2 82.9 TM16 1357.3 76.1 TM16+47.1 1404.4 47.1 TM16+58.3 1415.6 11.2 Bina Marga's Area Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 TM18+28.2 1483.5 TM19 1552.7 69.2 7 TM20 1652.8 100.1 11.9 TM21 1746.1 93.3 3.90 TM22 1840.4 94.3 3.92 43.9 4.06 2011.9 3.94 3.94 101 4.06 104 2 1433 TM30 2043.8 147.4 137.4 TM35 2415.0 TM36 2508.2 93.2 243.2 EP 2535.8 27.6 145.2		TMII	949.5	91.3							
TM14 1198.3 115.7 TM15 1281.2 82.9 TM16 1357.3 76.1 TM1647.1 1404.4 47.1 TM16+58.3 1415.6 11.2 Bina Marga's Area Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 TM18+28.2 1483.5 TM19 1552.7 69.2 7 TM20 1652.8 100.1 11.9 TM21 1746.1 93.3 3.90 TM22 1840.4 94.3 3.92 43.9 4.06 2011.9 3.94 3.94 101 4.06 104 2 17M30 2043.8 31.9 TM33 2181.2 177.4 174.4 TM35 2415.0 108.6 108.6 TM36 2508.2 93.2 43.0 EP 2535.8		TM12	1039.6	90.1			1.3		1		
TM15 1281.2 82.9 TM16 1357.3 76.1 TM16447.1 1404.4 47.1 TM16+58.3 1415.6 11.2 Bina Marga's Area Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 TM18+17.5 1472.8 TM18+28.2 1483.5 TM19 1552.7 G9.2 7 TM20 1652.8 100.1 10 TM21 1746.1 TM23 1952.3 111.9 3.94 3.92 439 4.06 2.03 228 6 TM25 1977.7 25.4 3.94 3.94 101 4.06 4.06 104 2 TM30 2043.8 31.9 1 TM35 2415.0 108.6 1 TM36 2508.2 93.2 1 FM36 2508.2 93.2 <t< th=""><th></th><th>TM13</th><th>1082.6</th><th>43.0</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>		TM13	1082.6	43.0							
TM16 1357.3 76.1 TM16+47.1 1404.4 47.1 TM16+58.3 1415.6 11.2 Bina Marga's Area Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 TM18+28.2 1483.5 TM19 1552.7 G9.2 69.2 TM20 1652.8 TM21 1746.1 93.3 1.95 TM22 1840.4 94.3 3.90 1.95 184 TM23 1952.3 11.9 3.94 3.92 439 4.06 2.03 228 6 TM25 1977.7 25.4 3.94 3.94 101 4.06 4.06 104 20 TM30 2043.8 112 137.4 TM35 2415.0 108.6 104 TM36 2508.2 93.2 101 EP 2535.8 <th></th> <th>TM14</th> <th>1198.3</th> <th>115.7</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>		TM14	1198.3	115.7							
TM16+47.1 1404.4 47.1 TM16+58.3 1415.6 11.2 Bina Marga's Area Bina Marga's Area Bina Marga's Area Bina Marga's Area TM18+17.5 1472.8 Bina Marga's Area Bina Marga's Area TM18+28.2 1483.5 10.7 Imaga's Area Bina Marga's Area TM19 1552.7 69.2 Imaga's Area Imaga's Area TM20 1652.8 100.1 Imaga's Area Imaga's Area TM21 1746.1 93.3 Imaga's Area Imaga's Area TM22 1840.4 94.3 3.90 1.95 184 TM23 1952.3 111.9 3.94 3.92 439 4.06 2.03 228 6 TM25 1977.7 25.4 3.94 3.94 101 4.06 4.06 104 2 TM30 2043.8 31.9 Imaga Imaga <th></th> <th>TM15</th> <th>1281.2</th> <th>82.9</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>		TM15	1281.2	82.9							
TM16+58.3 1415.6 11.2 Bina Marga's Area IM18+17.5 1472.8 Bina Marga's Area Bina Marga's Area IM18+17.5 1472.8 Bina Marga's Area Bina Marga's Area TM18+28.2 1483.5 10.7 Imaga's Area Bina Marga's Area TM19 1552.7 69.2 Imaga's Area Imaga's Area TM20 1652.8 100.1 Imaga's Area Imaga's Area TM21 1746.1 93.3 Imaga's Area Imaga's Area TM22 1840.4 94.3 3.90 1.95 184 TM23 1952.3 111.9 3.94 3.92 439 4.06 2.03 228 6 TM25 1977.7 25.4 3.94 3.94 101 4.06 4.06 104 2 TM30 2043.8 31.9 Imaga's Area Imaga's Area Imaga's Area Imaga's Area TM30 2043.8 31.9 Imaga's Area Imaga's Area Imaga's Area Imaga's Area Imaga's Area TM34 2306.4 125.2 Imaga's Area		TM16	1357.3	76.1							
Image: TM18+17.5 1472.8 Bina Marga's Area Bina Marga's Area TM18+28.2 1483.5 10.7 Bina Marga's Area Bina Marga's Area TM19 1552.7 69.2 69.2 Fill Fill TM19 1552.7 69.2 69.2 Fill Fill TM19 1552.7 69.2 69.2 Fill Fill TM20 1652.8 100.1 100.1 Fill Fill TM21 1746.1 93.3 3.90 1.95 184 1 TM22 1840.4 94.3 3.90 1.95 184 1 TM23 1952.3 111.9 3.94 3.92 439 4.06 2.03 228 6 TM25 1977.7 25.4 3.94 3.94 101 4.06 4.06 104 2 TM30 2043.8 31.9 1		TM16+47.1	1404.4	47.1			- 1 - E	1.1			
IM18+17.5 1472.8 Bina Marga's Area IM18+28.2 1483.5 10.7 TM19 1552.7 69.2 TM20 1652.8 100.1 TM21 1746.1 93.3 TM22 1840.4 94.3 3.90 1 1.952.3 111.9 3.94 3.92 1 1.952.3 111.9 3.94 3.92 1 1.952.3 111.9 3.94 3.92 1 1.952.3 1.11.9 3.94 3.92 1 1.952.3 1.11.9 3.94 3.92 439 4.06 2.03 228 6 1 1.952.3 1.94 3.94 101 4.06 4.06 104 2 1 1.95 1.94 3.94 1.91 4.06 4.06 104 2 1 1.93 3.94 3.94 1.91 4.06 4.06 104 2 1 1.93 1.91 1.91 4.06 4.06 104 2 1 1.		TM16+58.3	1415.6	11.2				Bin	a Marga's /	Area	
TM18+28.2 1483.5 10.7 TM19 1552.7 69.2 TM20 1652.8 100.1 TM21 1746.1 93.3 TM22 1840.4 94.3 3.90 1.95 TM23 1952.3 111.9 3.94 3.92 439 4.06 2.03 228 6 TM25 1977.7 25.4 3.94 3.94 101 4.06 4.06 104 2 TM30 2043.8 31.9 1 1 4.06 104 2 TM33 2181.2 137.4 1 1 14.06 104 2 TM34 2306.4 125.2 1 1 1 1 1 1 TM36 2508.2 93.2 1 1 1 1 1 1 1 1 TM36 2508.2 93.2 1					Bin	a Marga's /	Area	Bin	a Marga's /	Area	
TM19 1552.7 69.2 TM20 1652.8 100.1 TM21 1746.1 93.3 TM22 1840.4 94.3 3.90 1.95 TM23 1952.3 111.9 3.94 3.92 439 4.06 2.03 228 6 TM25 1977.7 25.4 3.94 3.94 101 4.06 4.06 104 2 TM26 2011.9 34.2		TM18+17.5	1472.8		Bin	a Marga's /	Area				
TM20 1652.8 100.1 Image: constraint of the state of the sta	۰.	TM18+28.2	1483.5								1 - A.
TM21 1746.1 93.3 TM22 1840.4 94.3 3.90 1.95 184 TM23 1952.3 111.9 3.94 3.92 439 4.06 2.03 228 66 TM25 1977.7 25.4 3.94 3.94 101 4.06 4.06 104 2 TM26 2011.9 34.2 3.94 101 4.06 4.06 104 2 TM30 2043.8 31.9 31.9 101 4.06 4.06 104 2 TM33 2181.2 137.4 1 2 1 <th></th> <th>TM19</th> <th>1552.7</th> <th>69.2</th> <th></th> <th>1</th> <th></th> <th></th> <th></th> <th></th> <th></th>		TM19	1552.7	69.2		1					
TM22 1840.4 94.3 3.90 1.95 184 1 TM23 1952.3 111.9 3.94 3.92 439 4.06 2.03 228 6 TM25 1977.7 25.4 3.94 3.94 101 4.06 4.06 104 2 TM26 2011.9 34.2		TM20		100.1							
TM23 1952.3 111.9 3.94 3.92 439 4.06 2.03 228 6 TM25 1977.7 25.4 3.94 3.94 101 4.06 4.06 104 2 TM26 2011.9 34.2		TM21	1746.1								
TM25 1977.7 25.4 3.94 3.94 101 4.06 4.06 104 2 TM26 2011.9 34.2		TM22									184
TM26 2011.9 34.2 TM30 2043.8 31.9 TM33 2181.2 137.4 TM34 2306.4 125.2 TM35 2415.0 108.6 TM36 2508.2 93.2 EP 2535.8 27.6		TM23							2.03		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TM30 2043.8 31.9 TM33 2181.2 137.4 TM34 2306.4 125.2 TM35 2415.0 108.6 TM36 2508.2 93.2 EP 2535.8 27.6		TM25				3.94	- 101	4.06	4.06	104	205
TM33 2181.2 137.4 TM34 2306.4 125.2 TM35 2415.0 108.6 TM36 2508.2 93.2 EP 2535.8 27.6	•	TM26						· · ·			
TM34 2306.4 125.2 TM35 2415.0 108.6 TM36 2508.2 93.2 EP 2535.8 27.6	•••										
TM35 2415.0 108.6 TM36 2508.2 93.2 EP 2535.8 27.6	÷										
TM36 2508.2 93.2 EP 2535.8 27.6		•									
EP 2535.8 27.6		TM35									
		TM36									
Total 724 332 1.0		EP	2535.8	27.6							
		Total					724	,		332	1,056

Name of work:

Revetment typeII / Excavation

No. 2.5/03

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8

Package 3 Name of channel: Gede/Bor Drainage Channel

	Dista	ince		Left Bank			Right Bank		Total
Section		[Ar	ea	Volume	Ar	ra	Volume	Volume
		unit	unit	average		unit	average		
No.	(m)	(m)	(m2)	(m2)	(m3)	(m2)	(m2)	(m3)	(m3)
B.P		14 B							
GM-00	2.8	2.8		. *					
GM-02	19.9	17.1							
GM-03.	49.5	29.6	3.42	1.71	51	4.33	2.17	65	116
GM-04	169.6	120.1	4.23	3.83	460	4.08	4.21	506	966
- GM-05	258.6	89.0	4.28	4.26	379	4.18	4.13	368	747
° GM-06	374.1	115.5	4.42	4.35	503	4.25	4.22	487	990
GM-07	423.5	49.4	4.28	4.35	215	4.27	4.26	211	426
GM-08	536.3	112.8	4.04	4.16	470	4.14	4.21	475	945
GM-10	619.8	83.5		2.02	169	4.26	4.20	351	520
GM-11	697.1	-77.3				3.26	3.76	291	291
GM-12	785.3	88.2				4.10	3.68	325	325
GM-13	886.6	101.3	4.11	2.06	209	4.15	4.13	418	627
GM-14	974.7	88.1	3.61	3.86	341	4.08	4.12	363	704
GM-15	1,072.2	97.5	3.23	3.42	334	4.01	4.05	395	729
GM-16	1,150.1	77.9	3.48	3.36	262	4.18	4.10	320	582
E.P	1,203.0	52.9	3.48	3.48	185	4.18	4.18	222	407
Total					3,578		·	4,797	8,375

Name of work:

Revetment typel1 / Excavation

Package 3 N

6

Name of channel: Saluran Ceogkareng Drainage Channel	I achage J	·
		Saluran Cengkareng Drainage Channel

r	and the second		пекане	Drainage	Channel				
	Dista	nce		Left Bank			Right Bank		Total
Section			Ar		Volume		ra	Volume	Volume
	ļ	unit	unit	average		unit	average		
No.	(m)	(m)	(m2)	(m2)	(m3)	(m2)	(m2)	(m3)	(m3)
B.P									
CM01	17.2	17.2							
CM02	20.2	3.0							
СМ03	154.6	134.4	· · ·				1.		1 A.
CM04	292.3	137.7							
CM05	392.4	100.1			1.00				
СМ06	466.4	74.0	4.25	2.13	158	4.45	2.23	165	323
СМ07	569.0	102.6	4.67	4.46	- 458	4.43	4.44	456	914
CM08	636.6	67.6	4.60	4.64	314	4.55	4,49	304	618
CM09	808.2	171.6	4.35	4.48	768	4.35		764	1,532
CM10	884.9	76.7	3.85	4.10	315	4.40		336	651
CM12	962.9	78.0	4.05	3.95	309	4.75		357	666
CM13	1,056.9	94.0	4,54	4.30	404	4.34		428	832
CM14	1,173.6	116.7	4.38	4.46	521	4.38		509	1,030
CM15	1,237.0	63.4	3.60	3.99	253	4.55		284	537
CM16	1,237.0	75.8	5.00	1.80	137	4.55	2.28	173	310
		133.2	÷ :	1.00	101		2.20	115	
CM17	1,446.0 1,544.5								
CM18		98.5					· · ·		
CM19	1,613.6	69.1			:				
CM20	1,740.7	127.1						· · ·	100 B
CM21	1,832.5	91.8		н. Т					
CM22	1,901.7	69.2		1.16					
CM23	2,001.5	99.8		44 A.					
CM24	2,102.9	101.4				. *			
CM25	2,194.3	91.4							
CM26	2,304.8	110.5				·			
CM27	2,448.0	143.2		1. 1. ¹ . 1. 1					
CM29	2,599.3	151.3	. '						
CM30	2,698.3	99.0							
CM31	2,803.5	105.2					а. С		
CM32	2,933.5	130.0			· · .				
CM34	3,047.4	113.9		1	·· ·				
CM36	3,095.6	. 48.2							
CM37	3,219.0	123.4							
CM38	3,339.1	120.1							
CM39	3,425.5	86.4							
CM40	3,467.5	42.0							
CM41	3,556.9	89.4						:	
CM42	3,653.4	96.5		1.1		1	ł		
CM43	3,777.2	123.8							
CM45	3,916.3	139.1	3.45	1.73	240	4.45			
CM47	4,022.2	105.9		1.73	183		2.23	236	419
CM48	4,110.3	88.1						[.	
CM49	4,230.2	119.9	· · ·	· ·		l'		l ·	
E.P	4,231.2	1.0		1 ¹ 1				,	
h	+		t	1	4,060	1	1	4,322	8,382

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Working Division: Revetment type II / Back filling Package 1

Left bank Right bank Location Volume Length Location Length Volume L(m) V(m3) L(m) V(m3) Kamal Drainage Channel (main) KM18+12.8 - KM26+28.8 Stage 2 207.80 593.7 KM45+2.2 - KM47+70.9 Stage 2 233.6 81.76 KM48 KM57 Stage 3 762.5 266.88 Kamal Drainage Channel (branch) KE00+8.2 - KE02+50.0 St Stage 3 175.8 61.53 KE00 - KE04+70.0 Stage 3 442.7 154.95 Stage 3 KE08+41.5 - KE23 926.9 324.42 KE20+35.6 - KE23+4.0 Stage 3 83.2 29.12 Total 593.74 Total 532.70

A= 0.35 m2 V= A x L (m3) No. 2.6/03

R2-8

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No. 2.4/03

Working Division: Revetment type II / Back filling Package 2

A= 0.35 m2 V= A x L (m3)

Left ban	<	Ĩ	Right bank	10 10 - 50 - 50 - 50 - 50 - 50 -	
Location	Length L(m)	Volume V(m3)	Location	Length L(m)	Volume V(m3)
Tanjungan Drainage Channel TM21+18.0 - TM23+16.2	203.6	71.26	TM21+79.3 - TM23+16.2	143.1	50.09
				. 1	
Total		71.26			50.09

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Working Division: Revetment type II / Back filling Package 3

No. 2.5/04

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A= 0.35 m2 V= A x L (m3)

Left ban	k		Right bank		
Location	Length L(m)	Volumé V(m3)	Location	Length L(m)	Volume V(m3)
Gede/Bor Drainage Channel GM02+0.1 - GM10 GM12+99.3 - EP	599.8 318.4		GM02+0.1 - EP	1183.0	414.05
Saluran Cengkareng Drainage (CM05+20.0 - CM15+25.8 CM43+83.4 - CM45	Channel 850.4 55.7	297.64 19.50	CM05+20.0 - CM15+6.0 CM43+77.0 - CM45	830.6 62.1	290.71 21.74
Total		638.51			726.50

Working Division: Revetment type II / Cobble/rubble filling Package 1

No.2.6/06

Ľ	ft bank			Rig	ht bank		
Location		Length L(m)	Volume V(m3)	Location		Length L(m)	Volume V(m3)
Kamal Drainage Channel (mai KM18+12.8 - KM26+28.8	n) Stage 2	593.7	126.16	KM45+2.2 - KM47+70,9 KM48 - KM57	Stage 2 Stage 3	233.6 762.5	49.64 162.03
Kamal Drainage Channel (brar KE00+8.2 - KE02+50.0 KE08+41.5 - KE23	och) Stage 3 Stage 3	175.8 926.9		KE00 - KE04+70.0 KE20+35.6 - KE23+4.0	Stage 3 Stage 3	442.7 83.2	94,07 17.68
Total			360.49				323.43

A= 0.2125 m2 V= A x L (m3)



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R2-11

Working Division: Revetment type II / Cobble/rubble filling Package 2

No.2.4/06

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Left banl	<u> </u>		Right bank		
Location	Length L(m)	Volume V(m3)		ength L(m)	Volume V(m3)
Tanjungan Drainage Channel TM21+18.0 - TM23+16.2	203.6	43.27	TM21+79.3 - TM23+16.2	143.1	30.41
Total		43.27			30.41

A≕ 0.2125 m2 V⇔ A x L (m3)

A2-12

Working Division: Revetment type II / Cobble/nubble filling Package 3

Left ban	(Right bank		
Location	Length L.(m)	Volume V(m3)	Location	Length L(m)	Volume V(m3)
Gede/Bor Drainage Channel GM02+0.1 - GM10 GM12+99.3 - EP	599.8 318.4		GM02+0.1 - EP	1183.0	251.39
Saluran Cengkareng Drainage (CM05+20.0 - CM15+25.8 CM43+83.4 - CM45	Channel 850.4 55.7		CM05+20.0 - CM15+6.0 CM43+77.0 - CM45	830.6 62.1	176.50 13.20
Total		387.66			441.09

A= 0.2125 m2 V= A x L (m3)

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Working Division: Revetment type II / Gabion mattress(PVC coated) Package 1

No.2.6/08

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Lef	bank			Ri	ght bank		
Location		Length	Volume	Location		Length	Volume
		<u>L(m)</u>	V(m3)			L(m)	V(m3)
Kamal Drainage Channel (main)							
KM18+12.8 - KM26+28.8	Stage 2	593.7	890.55	KM45+2.2 - KM47+70.9	Stage 2	233.6	350.40
			4.	KM48 - KM57	Stage 3	762.5	1143.75
Kamal Drainage Channel (branc	b)						
KE00+8.2 - KE02+50.0	Stage 3	175.8	263.70	KE00 - KE04+70.0	Stage 3	442.7	664.05
KE08+41.5 - KE23	Stage 3	926.9	1390.35	KE20+35.6 - KE23+4.0	Stage 3	83.2	124.80
Total	1 ¹ 44 1		2544.60				2283.00

Å= 1.5 m2(=3.0m x 0.5m) V= A x L (m3)

Working Division: Revetment type II / Gabion mattress(PVC coated) Package 2

No.2.4/08

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A≖	1.5	m2(=3.0m x 0.5m)
V= A x L (m3)		

Left bank			Right bank		
Location	Length L(m)	Volume V(m3)	Location	Length L(m)	Volume V(m3)
Tanjungan Drainage Channel TM21+18.0 - TM23+16.2	203.6	305.40	TM21+79.3 - TM23+16.2	[43.]	214.65
Total		305.40			214.65

R2-15

Working Division: Revetment type II / Gabion mattress(PVC coated) Package 3

1359.15

Left bank **Right** bank Location Length Volume Location Length Volume L(m) V(m3) L(m) V(m3) Saluran Cengkareng Drainage Channel CM05+20.0 - CM15+25.8 850 850.4 1275.60 CM05+20.0 - CM15+6.0 830.6 1245.90 CM43+83.4 - CM45 55.7 83.55 CM43+77.0 - CM45 93.15 62.1

1.5 m2(=3.0m x 0.5m) V= A x L (m3)

A=

Total

No.2.5/09

1339.05

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R2-16

Working Division: Revetment type II / Gabion mattress (galvanized) Package 3

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No.2.5/10

A= 1.5 m2(=3.0m x 0.5m) V= A x L (m3)

Left bank	- <u></u>	ſ	Right bank		·
Location	Length L(m)	Volume V(m3)	Location	Length L(m)	Volume V(m3)
Gede/Bor Drainage Channel GM02+0.1 - GM10 GM12+99.3 - EP	599.8 318.4		GM02+0.1 - EP	1183.0	1774.50
Total		1377.30			1774.50

12-17

No. 2.6/07 and 05

Working Division: Revetment type II / Wet cobble/rubble masonry and Gravel bedding Package 1

		Left bank	Sank							Right	Right bank				
				Wet masonry	ISOULY	Gravel [Gravel bedding					Wet m	Wet masonry	Gravel	Gravel bedding
Location		Length L(m)	Length Height L(m) H(m)	Arca A(m2)	Volume V(m3)	Area A(m2)	Volume V(m3)	Location		Length L(m)	Hcight H(m)	Area A(m2)	Volume V(m3)	Arca. A(m2)	Volume V(m3)
Kamal Drainage Channel (main) KM18+12.8 - KM26+28.8 Stage 2) Stage 2	593.7	2.22	1.83	.83 1088.31	0.49	290.42	KM45+2.2 - KM47+70.9 KM48 - KM57	Stage 2 Stage 3	233.6 762.5	2.06	1.73	404.48 1287.02	0.45 0.44	106.05 334,41
Kamal Drainage Channel (branch) KE00+8.2 - KE02+50.0 Stage 3 KE08+41.5 - KE23 Stage 3	ch) Stage 3 Stage 3	175.8 926.9	1.97 1.54	1.42	.68 294.56 .42 1315.37	0.43	76.33 314.63	KE00 - KE04+70.0 KE20+35.6 - KE23+4.0	Stage 3 Stage 3	442.7 83.2	1.97 1.51	1.68	741.75 116.64	0.43	192.20 27.69
Total					1609.93		681.38						858.39		660.35

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Working Division: Revetment type II / Wet cobble/rubble masonry and Gravel bedding Package 2

No. 2.4/07 and 05

V-AXL

Gravel bedding Area Volume \$7.40 57.40 V(m3) 97.0 A(m2) Volume V(m3) 226.67 226.67 Wet masonry 1.58 A(m2) Area Length Height L(m) H(m) 1.82 Right bank 143.1 TM21+79.3 • TM23+16.2 Location 81.67 81.67 Gravel bedding Area Volume V(m3) 0.40 Volume Area V(m3) A(m2) 322.50 322.50 Wet masonry 1.58 Area A(m2) 1.82 Height H(m) Left bank Length L(m) 203.6 Fanjungan Drainage Channei TM21+18.0 - TM23+16.2 5 Location Total

Working Division: Revetment type II / Wet cobble/rubble masonry and Gravel bedding Package 3

No. 2.5/08 and 06

V-AXL

		Tafe hank					1	Righ	Right bank				
			We meen	10000	- north	Cravel hedding		-		Wet m:	Wet masonry	Gravel	Gravel bedding
Location	Length	Length Height	Area	Area Volume	Area	Volume	Location	 Length	Height	Arca. A(m?)	Volume V(m3)	Area A(m2)	Volume V(m3)
	(E) 	H(m)	A(m2)	V(m3) A(m2)	A(m2)	V(m3)							
Gede/Bor Drainage Channel GM02+0.1 - GM10 GM12+99.3 - EP	599.8 318.4	1.99	1.69	1.69 1012.40 1.66 527.60	0.44 0.43	263.05 136.13	GM02+0.1 • EP	 1183.0	1.97	· · ·	1.68 1982.14	0.43	513.61
Saluran Cengkareng Drainage Channel CM05+20.0 - CM15+25.8 850.4 CM43+83.4 - CM45 55.7	Channel. 850.4 55.7	2.56 2.56		1.95 1658.64 2.13 118.40	0.53	449.65 32.63	CM05+20.0 - CM15+6.0 CM43+77.0 - CM45	830.6 62.1	2.40 2.66	1.95 2.13	1.95 1620.02 2.13 132.00	0.53	439.18 36.38
				3317.03		881.47					3734.16		989.18

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No. 2.6/04 and /09

Working Division: Revetment type II / Weep hole and Geotextile Package I

10- 0.57 m : length of one PVC pipe for weep hole.
 4.0 m2 : area of masonry surface per one weep hole n- A / a : nos. of weep holes

	• •	l= 10 x n ((lin.m) : T(l= 10 x n (lin.m) : Total length of PVC pipe	of PVC p		age n x 0.05	age n x 0.09(m2) : Total area of geotextile							
		Ę	Lett bank							Right bank	bank				
Location		Length L(m)	Height H(m)	Surface A(m2)	nos.	PVC 1 (lin.m)	PVC Geotexule 1 (lin.m) ag(m2)	Location		Length	Lcngth Height Surface L(m) H(m) A(m2)	Surface A(m2)	son a	PVC 1 (lin.m)	PVC Geotextile 1 (lin.m) ag(m2)
Kamal Drainage Channel (main) KM18+12.8 • KM26+28.8 Stage 2	Stage 2	593.7		2.22 1805.42	452	452 257.64	40.68	KM45+2.2 - KM47+70.9 KM48 - KM57	Stage 2 Stage 3	233.6 762.5		2.06 668.58 1.99 2122.66	168 531	95.76 302.67	15.12 47.79
Kamal Drainage Channel (branch) KE00+8.2 - KE02+50.0 Stage 3 KE08+41.5 - KE23 Stage 3	ch) Stage 3 Stage 3	175.8 926.9		1.97 485.46 1.54 2114.00	122 529	69.54 301.53	10.98 47.61	KE00 - KE04+70.0 KE20+35.6 - KE23+4.0	Stage 3 Stage 3	442.7 83.2		1.97 1222.50 1.51 186.97	306	174.42 26.79	27.54 4.23
Total		· · ·				628.71	72.66							599.64	94.68

A2-21

Working Division: Revetment type II / Weep hole and Geotextile Package 2

No. 2.4/04 and /09

10- 0.57 m : length of one PVC pipe for weep hole
 a- 4.0 m2 : area of musonry surface per one weep hole
 n- A / a : nos. of weep holes

) = x 0;=[lin.m) : T(<pre>l=l0 x n (lin.m) : Total length</pre>	of PVC p	8	ag=n x 0.09	of PVC pipe ag=r x 0.09(m2) : Total area of geotextile					-
		Left bank				 		Right bank				
Location	Length L(m)	Length Height Surface L(m) H(m) A(m2)	Surface A(m2)	nos.	PVC 1 (lin.m)	PVC Geotextile 1 (lin.m) ag(m2)	Location Len	Length Height Surface nos. L(m) H(m) A(m2) n	Height Surface H(m) A(m2)	nos. n	PVC (lin.m)	s. PVC Geotextile 1 (lin.m) ag(m2)
Tanjungan Drainage Channel TM21+18.0 - TM23+16.2 203.6	203.6	1 A A	1.82 528.09		75.81	11.97	133 75.81 11.97 TM21+79.3 - TM23+16.2	143.1	1.82 371.17	93	53.01	8.37
	- - - -			-	- - - 							
Total					75.81	75.81 11.97					53.01	8.37

R2-22

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No. 2.5/05 and /11

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Working Division: Revetment type II / Weep hole and Geotextile Package 3

0.57 m : length of one PVC pipe for weep hole 4.0 m2 : area of masonry surface per one weep hole

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	n-A/a: nos. of weep holes	nos. of w	cep holes		• .				•				
	1-10 × n (1	in.m) : To	l=10 x n (lin.m) : Total length of	of PVC pipe		g=n x 0.09(ag-n x 0.09(m2) : Total area of geotextile			•			
		Left bank			•			Rig	Right bank				
Location	Length L(m)	Length Height Surface L(m) H(m) A(m2)	Surface A(m2)	nos.	PVC Geotextil 1 (lin.m) - ag(m2)	PVC Geotextile (lin.m) ag(m2)	Location	Length L(m)	Length Height L(m) H(m)	Surface A(m2)	nos.	PVC I (lin.m)	PVC Geotextile (lin.m) ag(m2)
Gede/Bor Drainage Channel GM02+0.1 - GM10	599.8		1.99 1669.74	418	238.26	37.62	GM02+0.1 - EP	1183.0		1.97 3266.81	817	465.69	73.53
GM12+99.3 - EP	318.4		1.94 868.57	218	124.26	19.62							
Saluran Cengkareng Drainage Channel CM054200 CM15425 8 850	Channel	ç	71 7757 17	Ş	107 207	63 IO	C.V05+20.0 - C.VI 5+5.0	20 V 20 V		7607 97	674	38.4.18	99 99
CM43+83.4 - CM45	55.7	8	2.66 196.78	38	28.50	4.50		62.1		2.66 219.39		31.35	4.95
Total		· .			784.32	123.84						881.22	139.14

Working Division: Revetment type II / Wooden pile Package 1

10 3.0 m : length of one pile d= 2.0 m : interval of piles n= L/d+1 : nosi of piles 1-10 x n (lin.m) : Total length of piles

	Left bank			·····		Right ba	nk		
Location	1	Length	nos,	1	Location		Length	nos.	I
·	·	L(m)	n	(lin.m)			L(m)	<u>n</u>	(lin.m)
Kamat Drainage Channel (mai	n)								
KM18+12.8 - KM26+28.8		593.7	298	894.00	KM45+2.2 - KM47+70.9	Stage 2	233.6	118	354.00
	· -				KM48 - KM57	Stage 3	762.5	383	1149.00
		<u> </u>				· · · ·			
Kamal Drainage Channel (bra	och)					· ·			
* KE00+8.2 - KE02+50.0	Stage 3	175.8	89	267.00	KE00 - KE04+70.0	Stage 3	442.7	223	669.00
KE08+41.5 - KE23	Stage 3	926.9	465	1395.00	KE20+35.6 - KE23+4.0	Stage 3	83.2	43	129.00
Total				2556.00					2301.00

No. 2.5/10

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人2-24

Working Division: Revetment type II / Wooden pile Package 2

No. 2.4/10

 10=
 3.0 m : length of one pile

 d=
 2.0 m : interval of piles

 n= L/d+1 : nos. of piles
 1=10 x n (lin.m) : Total length of piles

Left	bank		Ĩ	Right bar	uk		
Location	Length L(m)	nos. n) (lin.m)	Location	Length L(m)	nos. n	l (tiam)
Tanjungan Drainage Channel TM21+18.0 - TM23+16.2	203.6	103	309.00	TM21+79.3 - TM23+16.2	143.1	73	219.00
					1. 1. 1.		
Total			309.00				219.00

R2-25

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Working Division: Revetment type II / Wooden pile Package 3

$10 \Rightarrow$ 3.0 m: length of one pile $d \Rightarrow$ 2.0 m: interval of piles $n \Rightarrow L/d + I$: nos. of piles $I \approx 10 \text{ x}$ n (lin.m): Total length of piles

Left	bank			Right ban	k		
Location	Length	nos.	L ·	Location	Length	nos.	1
	Ł(m)	n	(lin.m)		L(m)	ก	(lin.m)
Gede/Bor Drainage Channel GM02+0.1 - GM10 GM12+99.3 - EP	599.8 318,4	301 161	903.00 483.00	GM02+0.1 - EP	1183.0	593	1779.00
Saluran Cengkareng Drainage C CM05+20:0 - CM15+25.8 CM43+83.4 - CM45	hannel 850.4 55.7	427 29	1281.00 87.00	CM05+20.0 - CM15+6.0 CM43+77.0 - CM45	830.6 62.1	417	1251.00 99.00
Total			2754.00			:	3129.00

No. 2.5/12

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No. 2.6/11 No. 2.6/12 No. 2.6/13 No. 2.6/14

Foundation concrete (Type 4) Leveling concrete (Type 5) Form Rein forcing bars

Working Division: Revenment type II /

Package 1

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·		V-AxL Form:A-dxL	-dxL		V = A x L Form : A = d x L	e dûvele				. ,			•	·	· .		•	•	• .		
		VCI110011	100 8												Kiehe bank	Ĭ					
			Ē	Foundatio	Foundation(Type41 Leve	Leveling	ine((Vae5) i	Form		Renformer				ſ	Foundation(Type4)		Leveling(('ype5)	(Sypes)	Form	Ì	Kenfocing
Location		Length L(m)	Height H(m)	Arca A(m2)	Length Height Area Volume Area L(m) H(m) A(m2) V(m3) A(m2)		d rained	ц ц ц	Î	bers (kg)	Location		Length L(m)	Height H(m)	Area A(m2)	Volume V(m3)	Area A(m2)	Volume V(m3)	ти с (ш) р	(m.p.	ters (xg)
Kamal Drainage Channel (main) KM18+12.8 - KM26+28.8 Stage 2	kage 2	593.7		2.22 0.247 146.46	1 46,46	0.10	\$6.09	1.29	768.58	768.58 5858.55	KM45+2.2 - KM47+70.9 Stage 2 KM45 - KM57	Stage 2 Stage 3	233.6 762.5	2.06	0.248	57.90 189.33	0.10	23.66	ង្មត្	300.48 978.05	2316.01
Kamal Drainage Charmel (branch) KEO0-42 J. KE02-450.0 Stoge 3 KEO8-41 5 - KE23 Stoge 3	h) Stage 3 Rage 3	175.8 926.9	1.97	1.97 0.248 1.54 0.250	43.67 231.83	0.10	17.68 89.89	<u> </u>	225.31	1746.87 9273.05	KE00 - KE04+70.0 KE20+35.6 - KE23+4.0	Stage 3 Stage 3	442.7 83.2	1.97	0.248	100.97 20.81	0.10	44.51 8.05	88	567.39 104.66	4398.9% 832.56
Total					275.50		168.50		2161.29 16878.48	687¥.4X						130.79		153.02		1950.57	1950.57 15120.71

R2-2-7

	Foundation concrete (Type 4)	T audian annual Muse 6
· · · · ·	Working Division: Revetment type II / Foundation concrete (Type 4)	

Leveling concrete (Type 5) Form Rein forcing bars

No. 2.4/11 No. 2.4/12 No. 2.4/13 No. 2.4/14

Package 2

Rz-28

182.30 1426.36 bars (ke) (a.o.) 1.27 (w) p 14,21 Area Volume Area Volume A(m2) V(m3) A(m2) V(m3) ling(Type5) 0.10 35.66 0.249 oundate 1.82 Height H(m) Length L(m) 5. 259.37 2029.40 TM21+79.3 - TM22+16.2 Location centocing bars (kg) (m.m) 1.27 ji (E) 20.22 Volume Area Volume V(m3) A(m2) V(m3) V = A x L Form : A = d x L Reinforcing bar : W = V(concrete 1ype4) x 40kg/m 0.10 50.74 0.249 Area_____ A(m2) 1.82 Height H(m) 203.6 L(m) Fanjungan Drainage Channel TM21+18.0 - TM23+16.2 Location

1426.36

82.30

14.21

35.66

2029.40

259.37

20.22

50.74

Total

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Working Division: Revetment type 11/ Foundation concrete (Type 4) Leveling concrete (Type 5) Form Package 3 V = A x L Rein forcing bars Form : A = d x L Reinforcine type4) x 40kp/m	<pre>II / Foundation concrete (Type: Leveling concrete (Type: Form Rein forcing bars Pom : A - d x L Rein forcing bars Hom : A - d x L Reinforcing bars</pre>	111 111 111 111 111 111 111 111 111 11	Foundati Leveling Form Rein forc	 Foundation concrete (Type 5) Leveling concrete (Type 5) Form Rein forcing bars w Viconcrete type4) x 40kp/m 	e (Type s Action s 40kp/m	次 () ()					No. 2.5/13 No. 2.5/14 No. 2.5/16 No. 2.5/16	5/13 5/14 5/15 5/16	te de la companya de Esta de la companya de						
			i) I	Left bonk									Kight bank	ank					
	· · ·	Ĭ	oundation	(Type4)	בירינווחבו	Type5)	шон	F	Kentocing			:	iroundarion(Type4)	o(lype4)	Leveling(Type5)	(Cype5)	-mo	٦	Kenfocing
Location		Height	Area	Area Volume Area Volume	Area	Volume	unit	1	Crack Crack	the second se	Length	Height	Area V	Volume	A(m?)	Volume	ы Ч	(W 55)	tars (a)
	Ê	Ê							N N				-	-					
Gede/Bor Drainage Channel GM02+0,1 - GM10 GM12+99,3 - EP	599.8 318.4	90 1.94	599.8 1.99 0.248 1.48.93 318.4 1.94 0.249 79.15	148.93 79.15	0.10	60.41 31,94	1.28	769.35	5957.22 3166.02	GM02+0.1 - EP	1183.0		1.97 0.248	293.88	0.10	118.95	1.28	1516.19 11755.13	(1,755,11
Saluran Cengkareng Drainage Channel							·						1.0						
CM05+20.0 - CM15+25.8 CM42+83.4 - CM45	55.7	4 % 9 %	0.245	0.245 208,45 0.10	010	5.92	28	1.08.79	539.96 539.96	CM03+20.0 - CM1 5+6.0 CM43+77.0 - CM45	8.0.6 62.1	2.40	0.242	15.05	010	90.00 00.00	32	81.80	602.00
Total				450.03		186.81		2359.10	2359.10 18001.25					512.53		212.03		2680.97	2680.97 20501.05

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No. 2.6/15

		V = A x L nos. of iouints :	. c	- L / 6.0	 	· · ·							
		Left bank							Right bank				
		Length Heigh L(m) H(m)	Height H(m)	Area of joint Am(m2)	nos. of joints	Area A(m2)	Location		Length L(m)	Height H(m)	Arca of joint Am(m2)	nos. of joints	Area A(m2)
Kamal Drainage Channel (main) KM18+12.8 - KM26+28.8 Stage 2	с 7 86	593.7	2.22	1.83	8	181.48	KM45+2.2 - KM47+70.9 Stage 2 KM48 - KM57 Stage 3	Stage 2 Stage 3	233.6 762.5	2.06	1.73	39	67.53 216.05
Kamal Drainage Channel (branch) KE00+8.2 - KE02+50.0 Stage 3 KE08+41.5 - KE23 Stage 3	nch) Stage 3 Stage 3	175.8	1.97 1.54	1.68	30 155	50.27 219.96	KE00 - KE04+70.0 KE20+35.6 - KE23+4.0	Stage 3 Stage 3	442.7 83.2	1.97	1.68 1.40	74 14	123.99 19.63
Total						451.70				·			427.20

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Working Division: Revetment type II / Rubber joint filler Package 1

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No. 2.4/15

Working Division: Revetment type II / Rubber joint filler Package 2

	$V = A \times L$ nos. of jouints $: n = L / 6.0$	uints : n -	L / 6.0	ч		•						
	Left	Left bank						Right bank				
Location	Length L(m)	Length Height Joint L(m) H(m) Am(m2	Area of joint Am(m2)	nos. of joints	Area A(m2)		Location	Length L(m)	Height H(m)	Area of joint Am(m2)	nos. of joints	Area A(m2)
Tanjungan Drainage Channel TM21+18.0 - TM23+16.2	203.6	1.82	1.58	34	53.86	TM21+7	TM21+79.3 - TM23+16.2	143.1	1.82	1.58	24	38.02
							· · · · · · · · · · · · · · · · · · ·					1
Total					53.86							38.02

No. 2.5/17

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Left bank Left bank Right bank Right bank Location Length Height joint of Area Location Length Height joint of Area Cade/Bor Drainage Channel Long 1.99 1.66 54 89.48 Mo2+0.1 - EP 1183.0 1.97 1.68 198 331.75 Gede/Bor Drainage Channel 590.8 1.99 1.66 54 89.48 6M02+0.1 - EP 1183.0 1.97 1.68 198 331.75 GM022+0.1 - GM10 318.4 1.94 1.66 54 89.48 6M02+0.1 - EP 1183.0 1.97 1.68 198 331.75 Saluran Cengkareng Drainage Channel 530.4 1.94 1.66 54 89.48 2.40 1.95 1.98 130.75 Saluran Cengkareng Drainage Channel 2.66 2.13 102 2.160 2.40 1.95 139 271.11 Saluran Cengkareng Drainage Channel 2.66 2.13 10 2.1		nos of jou	nos. of jouints : $n = L / 6.0$	L/6.0				•	:				
h Height Area of bint Area of of H(m) Area of Am(m2) Location Length Height M(m) Amca of Am(m2) nos. 1.99 1.69 100 168.79 GM02+0.1 - EP 1183.0 1.97 1.68 198 198 .4 1.94 1.66 54 89.48 GM02+0.1 - EP 1183.0 1.97 1.68 198 .3 1.94 1.66 2.40 1.97 1.68 198 .4 2.40 1.95 126 CM05+20.0 - CM15+6.0 830.6 2.40 1.95 139 .7 2.66 2.13 10 21.26 CM05+70.0 - CM15+6.0 830.6 2.40 1.95 139 .7 2.66 2.13 10 21.26 2.13 11 .556.49 556.49 556.49 556.49 62.1 2.66 2.13 11 195		Lef	t bank						Vight bank				
h Height joint of Area Location Length Height joint of $H(m)$ $Am(m2)$ joints $A(m2)$ joints $A(m2)$ joints of .8 1.99 1.69 100 168.79 $GM02+0.1 - EP$ 1183.0 1.97 1.68 198 .4 1.94 1.66 54 89.48 $GM02+0.1 - EP$ 1183.0 1.97 1.68 198 .4 1.94 1.66 54 89.48 $GM02+0.1 - EP$ 1183.0 1.97 1.68 198 .4 2.40 1.95 1.83.0 62.13 2.66.49 1.95 139 .7 2.66 2.13 10 21.26 CM43+77.0 - CM45 62.1 2.66 2.13 11 .7 2.66 2.13 10 21.26 CM43+77.0 - CM45 62.1 2.66 2.13 11				Area of	nos.					:	Area of	nos.	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Location	Length		joint	of	Area	Location	-	Length	Height	joint	of	Area
.8 1.99 1.69 100 168.79 GM02+0.1 - EP 1183.0 1.97 1.68 198 .4 1.94 1.66 54 89.48 GM02+0.1 - EP 1183.0 1.97 1.68 198 .4 2.40 1.95 142 276.96 CM05+20.0 - CM15+6.0 830.6 2.40 1.95 139 .7 2.66 2.13 10 21.26 CM43+77.0 - CM45 62.1 2.66 2.13 11 .7 2.566 2.13 10 21.26 CM43+77.0 - CM45 62.1 2.66 2.13 11		(j) 1 (j)	H(m)	Am(m2)	joints	A(m2)			L(m)	H(m)	Am(m2)	joints	A(m2)
.4 2.40 1.95 142 276.96 CM05+20.0 - CM15+6.0 830.6 2.40 1.95 139 .7 2.66 2.13 10 21.26 CM43+77.0 - CM45 62.1 2.66 2.13 11 556.49 556.49 556.49 556.49 62.1 2.66 2.13 11	Gede/Bor Drainage Channel GM02+0.1 - GM10 GM12+99.3 - EP	599.8 318.4		1.69	100 54		GM02+0.1 - EP		1183.0		1.68	198	
.4 2.40 1.95 142 276.96 CM05+20.0 - CM15+6.0 830.6 2.40 1.95 139 .7 2.66 2.13 10 21.26 CM43+77.0 - CM45 62.1 2.66 2.13 11 .7 2.66 2.13 10 21.26 CM43+77.0 - CM45 62.1 2.66 2.13 11 .7 2.564 256.49 556.49 556.49 556.49 556.49								•					
	Saluran Cengkareng Drainage ⁴ CM05+20.0 - CM15+25.8 CM43+83.4 - CM45	Channel 850.4 55.7	· · · · ·	1.95 2.13	142	276.96 21.26	CM05+20.0 - CM15+6.0 CM43+77.0 - CM45		830.6 62.1	2.40 2.66	1.95 2.13	139	271.11 23.38
S36.49												-	
	l otal					556.49							626.24

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Shee t L= (8.0m ×2 (10 & Right) () Remarks Gabion 3900 29921 292 у Ж Ŀ Quantity 0)7 $\tilde{\mathcal{E}}$ 6 32 Unit 304 -47 25 3 ŝ Connection to Secondary cana **(]**; - 18 (+-10-0-10)-Working Division: 2.5 Reversent Typ II (Packages -15.308 E/P.O.H. <u>× 18,0×2</u> 0,90×2 (6,0×15,5+4,0×12,0)×0,5=705 Calculation Details h=1. 933 × 12 × 18 /4 = 10 292 2(0,5×C.5×16)×16 - 2.0 of the sid ţ, 0.3×0.3×n = 0.90 nos. of weep hole 0.2125×18.0×2 Gebe/Bar Dhainage Champ abbled rubble filling GULD Jedling 222 05/ Geo-tokrile Excavition Description JOB 16 Ţ à 60 250 ð 00 .

2 0 Shaet Remarks 265 0. 29 11.40 6 0 111 14:00 1 8 14.0 Quantity 5 46 Unit Ž 47.50 Caw Lun, 22 1.14 m no 63 27.022=240/14 S Ø Working Division: D. C. Reverment I (Palage 3) scription Calculation Details 57X2=11.0 0.10 × 0.10 × 18 × 2 = 20361 15,5 × 5,0+ 11 0x2,2)x05 = 50.85 = 10.111 10 111 × 120 = chart ut 280×18×2= 46.07 -7.51 1.285×18.0×2=96205 12×30-270 2,809× 18.0 ×2 matross (ad variad ~× 7/8/ x582' Indole maronry ſ weep home ۲ ۱ Rubber joint filler Sox o 1901 Rein brecher bar 0 Concrete TAP 4 Å Ú 400 2.2 Conchete Wet colole d d Norder No. Sabim ら (2) Description 8 U Q 08/ ŝ Ġ ਨੇ 0

1.2.8 Concrete ditch and culvert

Summary of Work Quantities, Concrete Ditch and Culvert

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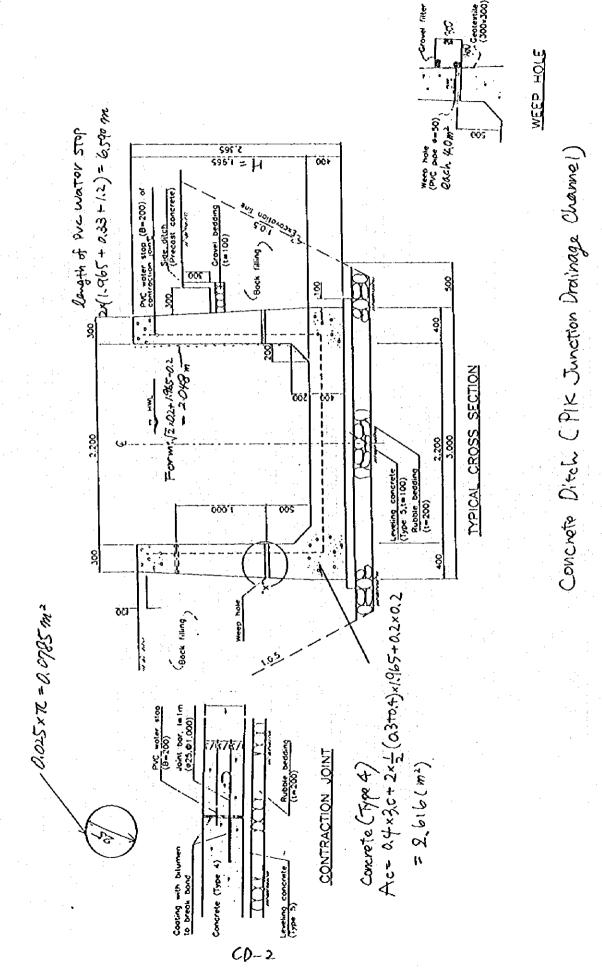
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Package 1 Item Descript	on Un	t Total	1	Kan	na), main charu	nel	
No.		Package 1	Stagel	Stage2	Stage3		
			main	main	Tota)	main	branch
2.7 Concrete Ditch and Culvert							
101 Coffering and care of water inclu-	ing dewatering LS						· · · · · · · · · · · · · · · · · · ·
102 Excavation of channel including t	rench cut cu :	m 2,589			2,589		2,589
/ 03 Rubble bedding	CUI	m 328			328		321
/04 Geo-textile, t=1.5mm	54.1	ni 27			27		2
7.05 Backfilling	CU.	m 1,189			1,189		1,18
/ 06 Gravel filter	(U.	m 8			8		
107 PVC pipe for weep hole, diam. 5) mm lin	m 118			118		<u>11</u>
108 Gabion mattress, 3.0x1.5x0.5 m,	PVC coated wire cu.	m 664			664		66
109 Concrete, type 4, for ditch and cu		m 915			915		91.
/ 10 Concrete, type 5, for leveling	cu.	m 142			142		14
/ 11 Form, type F1, for Item No. 2.7/0	9 59	m 1,640			1.640		. 1,64
1 12 Form, type F2, for liem No. 2.7/0			1		1 225		1,22
/ 13 Reinforcing bars, for Item No. 2.	/09 ki				54,893		54,89
/ 14 PVC waterstop, W=200mm	lin	1	1		320		32
/ 15 Joint bar, diam, 25 mm, L=1m	no	s. 392			392		- 39
/ 16 Bitumen coating	52		1		33		3
7 TO DRUDGE COUNTY		····	1	f 1			1.1

ackage 2 tem Description	Unit	Total	Tanjungan	PIK
No.		Package 2		Junction
5 Concrete Ditch and Culvert				·····
01 Excavation of channel including trench cut	, cu.m	7,267		7,26
02 Rubble bedding	cu m	583		58
03 Geo-textile, t=1.5mm	5q.m	67		6
O4 Backfilling	cy.m	2,809		2,80
05 Gravel filter	cu m	21		2
06 PVC pipe for weep hole, diam. 50 mm	lia.m	295		29
07 Gabion maltress, 3.0x1 5x0.5 m, PVC coated w	ire cu m	1,166		1.16
08 Concrete, type 4, for ditch and culvert	ca.m	1,957		1,95
09 Concrete, type 5, for leveling	C0.m	240		24
10 Form, type F1, for Item No. 2.5:08	\$q.m	3,780		3,78
11 Form, type F2, for liem No. 2.5/08	sq m	3.103		3,10
12 Reinforcing bars, for Item No. 2.5/08	kg	118.275		118,27
/ 13 PVC waterstop, W=200inm	lin.m	613		61
/ 14 Joint bar, diam. 25 mm, L-1m	nos.	651		65
15 Bitumen coating	sq.m	54		5
16 Furnishing steel sheet pile, YSPF, W= 400mm	sq.m	53	· · ·	. 5
17 Driving steel sheet pile, for Item No. 2.5/16	sq.m	53	· · · · · · · ·	5

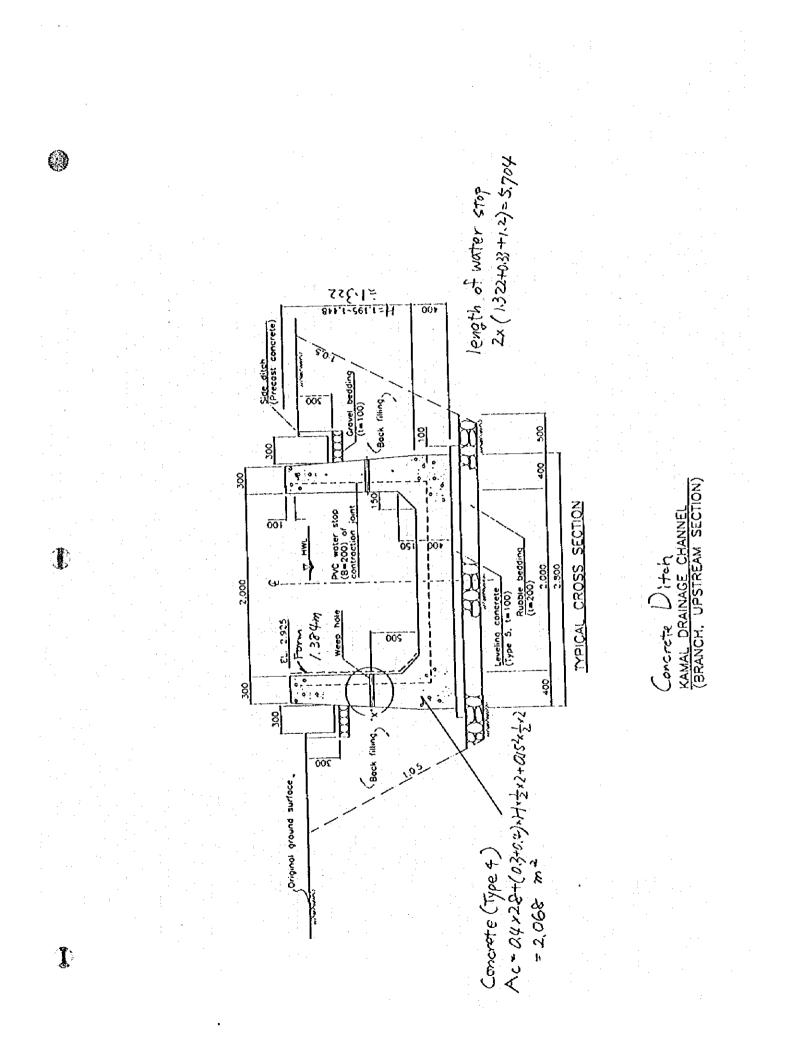
schage 3 Description	Unit	Total	Gede Bor	Saluran	Meruya
No.		Package 3		Cengkareng	
6 Concrete Ditch and Culvert			· · · · · · · · · · · · · · · · · · ·		
01 Coffering and care of water including dewatering	LS.				
02 Demolishing, hauling and disposing concrete structur		18			ŀ
03 Demolishing, hauling and disposing asphalt/masonry	cu.m	156			15
04 Excavation of channel including trench cut	cu.m	26,500	697	11,452	14,35
OS Rubble bedding	cu.m	1,336			1,33
06 Geo-textile, t+1.5mm	50,11	107	3	45	5
07 Backfilling	CU.M	4,327	185	2,477	1,6
OS Gravel filter	(cu.m	n	1	15	. 1
09 PVC pipe for weep hole, diam. 50 mm	lin m	1,165	12	237	9
10 Gabion mattress, 3.0x1 5x0.5 m, PVC coated wire	cù.m	10		10	
11 Gabion mattress, 3.0x1.5x0.5 m, galvanized wire	cu.m	129	105		
12 Furnishing steel sheet pile, YSPF, W= 400mm	sq.m	216	120		
13 Driving steel sheet pile, for Item No. 2.6/12	sq.m	216	120		
14 Furnishing RC piles, 250 mm x 250 mm	lin m	7,164		7.164	
15 Driving RC piles, for Item No. 2.6/14	lin.ra	7,164		7,164	
16 Concrete, type 3, for blockout concrete	cu m	5		3	·
117 Concrete, type 4, for ditch and culvert	cu m	9 482	202	3,712	5,5
18 Concrete, type 5, for leveling	cu.m	1,157	29	461	. 6
19 Form, type F1, for liem Nos. 2.6/16 and 2.6/17	sg.m	13,524	3 272	2,822	10,4
20 Form, type F2, for liem Nos. 2.6/16 and 2.6/17	są m	10,623	207	1,999	8,4
21 Reinforcing bars, for Item Nos. 2.6/16 and 2.6/17	kg	569,592	12,117	220,740	336,7
/ 22 PVC waterstop, W=200mm	វភ្.៣	2,649	57	790	1.8
/ 23 Joint bar, diam. 25 mm, L=1m	DOS.	1,990	57		1,9
/ 24 Rubber joiat filler, t= 10 mm	sq m	3		3	
125 Bitumen coating	sq.m	653	20	448	l
/ 26 Furnishing and installing of trashrack and accessories	12	10,617	I	8,699	1,9
127 Eurnishing and Installing steel mesh cover	<u>kg</u>	54,150		54,150	
/ 28 Galvanized steel pipe, diam. 1 1/4"	kg	152	·		
129 Gah anized steel pipe, diam. 3/4"	kg	35			
/ 30 Fence, H=2.5m	5q.m	122		122	

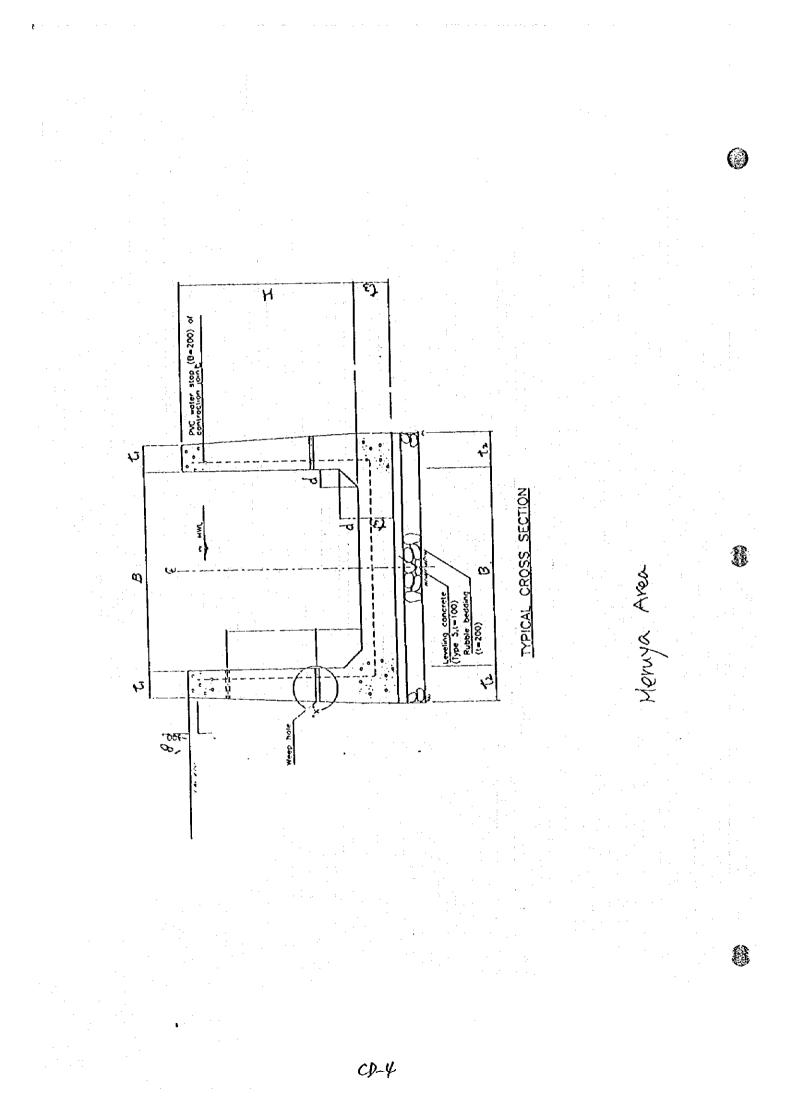
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$$P = MH101 \sim 103 + 46.9 L = 0.48.2 m$$

 $B = 8.0 H = .1.71 m$
 $t_1 = 0.3$
 $t_2 = t_3 = 0.4 d = 0.2 m$

Section

1

1

 $A_{c} = 0.4 \times 8.8 + (a_{30+0.4}) / 2 \times 2 \times 1.71 + 0.2 \times 0.2$ = 4.757 (m²) Length of waterstop. (1.71-0.1+a_{B3}) \times 2 + 8.2 = 11.686 m

O MM 103+469 - MM 104 L=46.0 m B=7.0 m H=1.85 m $t_1 = 0.3$ $t_2 = 1_3 = 0.4$ d=0.2 m

Section

Length of water stop (1.85-01+0.133)x2+7.2=10.966 M

HUM310 - HUH15+ 120.8
$$L=5706.000$$

B=1.5m H22317.
 $T_{1}=0.39$
 $L_{2}=t_{3}=0.4$ $d=0.15$
Sarticon
 $2\Lambda c = 2x \left[9.3x0.44 + (0.4+0.3)x 2.317 + 0.15x0.15^{2} \right]$
 $= 5.129$ M² = 2.565 m².
Longth of water step.
 $2^{1} \left[9.319 - 0.1+0.89 x 2.41 - 1 \right] + 2.464.05 m$
B=1.2500 $H^{2}.244$ H^{-1}
 $T_{2}=0.3$ $H^{2}.244$ H^{-1}
 $Section
 $2\Lambda c = 2 \times 192.05 \times 0.04 + (0.44+0.3) \times 2.44 + c.(15 \times 0.15^{2})$
 $= 5.045$ $(M^{2}) = 2 \times 2.52.3$
Length of Water step
 $2 \times 1293312 + 1.453 = 12.632 M$ $6.316 \times 2.$
1441945.8 - HM 204 98.8 $L=88.5$
 $B = 2.5 m$ $H^{2} = 2.044$
 $T_{1}=0.3$
 $T_{2}=T_{3}=0.44$ $d=0.11^{-1}$
Saction
 $\Lambda c = 3.3 \times 0.04 + (0.4+0.3) \times 2.04 + t.015 \times 0.15$
 $Length of water step.
 $2.073.921 + 2.7 = 6.846 M$$$

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MM20+28,8 - MM21+440	L = 49.8m
B=2,2m	H=, 1.9
t= 0.3	
t2=t3=0.4	d=0.15×0.15
Section	
Ac=0.4x3,0+(0.3+0.4)	(1.9+0, 15×0,15
$= 2553 (m^2)$	
Length of waterstop	
(1.9-a1+a.133) x2+2	4 = 6,266 (m)
MM25+89,6 - EP	L= 2369m
B=1.2 m	H ≥ 1.48
t1=0,2	
t2=t3=0.3	d=0.15×0,15
Section	
$Ac = a3 \times 1.8 \pm (0.24)$	0.3)x1.48+0.15x0.15
- /.303	
Length of water stop	
(1.48-0.1+0.133)×2+	1.4 = 4,426 m.
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Name of work:

Concrete ditch and culvert / Excavation

No. 2.7/02

Package 1

1	Dista	ince		Left Bank	
Section			Ar	ea	Volume
	.	unit	unit	average	
No.	(m)	(m)	(m2)	(m2)	(m3)
KE00					
KE01	36.6	36.6	1		
KE02	134.0	97.4	1.		
KE03	272.3	138.3			
KE04	372.7	100.4	•		
KE07	486.8	114.1			
KE08	568.3	81.5			
KE10	626.2	57.9			
KE11	714.3	88.1			
KE12	785.9	71.6			
KE13	894.7	108.8		·	
KE14	944.7	50.0			
KE15	1020.1	75.4			
KE16	1107.7	87.6			
KE17 -	1174.1	66.4			
KE18	1265.4	91.3	· ·		
KE19	1376.9	- 111.5			
KE20	1421,9	45.0			
KE21	1497.0	75.1			. ¹ 14
KE23	1536.7	39.7			
KE24	1637.4	100.7			
KE25	1718.5	81.1			n an an Arrison an Arrison An Arrison an Arrison a
KE26	1870.3	151.8	·		
KE27	1988.1	117.8			
KE28	2058.7	70.6			
KE29	2132.0	73.3			
KE30	2298.5	166.5	5.59		
KE31	2474.4	175.9	5.58	5.58	982
KE32	2580.3	105.9	6.22	5.90	625
KE33	2754.7	174.4	5.04	5.63	982
Total			**************************************		2,589

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Name of work: Concrete ditch and culvert / Excavation Package 2

Section	Dista	nce	Ar	ea	Volume	
	aditi	unit	unit	average		
No.	(m)	(m)	(m2)	(m2)	(m3)	
Outlet	-2.5		5.16			
BP		2.5	7.60	6.38	16	
NM26	55.8	55.8	7,60	7.60	425	
NM27	138.8	83.0	10.86	9,23	767	
NM28	223.2	84.4	10.39	10.63	897	
NM29	320.7	97.5	6.61	8.50	829	
NM30	411.6	90.9	6.12	6.37	579	
NM32	455.4	43.8	11.80	8.96	393	
NM33	550.7	95.3	14.48	13.14	1,253	
NM34	665.1	114.4	8.12	11.30	1,293	
EP	765.4	100.3	8.12	8.12	815	
Total					7,267	

Name of channel: PIK Junction Drainage Channel



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Name of work: Package 3 Name of channel:

Concrete ditch and culvert / Excavation No. 2.6/04

e of channel: Saluran Cengkareng Drainage Channel

Section	Disi	lance	A	rea	Volume
		unit	unit	average	
No.	(m)	(m)	(m2)	(m2)	(m3)
B.P				utlet sluicev	L (no)
CM01	17.2	17.2	Ō	utlet sluicev	vav
CM02	20.2	3.0	0	utlet sluicev	vav
CM02+1.5	5 21.7	1.5	35.90		<u> </u>
- CM03	154.6	132.9	22.98	29.44	3,913
CM04	292.3	137.7	31.43	27.21	3,747
CM05	392.4	100.1	31.65	31.54	
CM5+20,0	412.4	20.0	31.65	31.65	
CM06	466.4	54.0	01100	51.05	0.54
CM07	569.0	102.6			
CM08	636.6	67.6			
CM09	808.2	171.6			
CM10	884.9	76.7			
CM12	962.9	78.0			
CM13	1056.9	94.0			
CM14	1173.6	116.7			
CM15	1237.0	63.4			
CM16	1312.8	75.8			
CM17	1446.0	133.2			
CM18	1544.5	98.5			
CM19	1613.6	69.1			
CM20	1740.7	127.1			
CM21	1832.5	91.8			
CM22	1901.7	69.2			
CM23	2001.5	99.8	· 1		
CM24	2102.9	101.4		4	
CM25	2194.3	91.4		1	· · · ·
CM26	2304.8	110.5			
CM27	2448.0	143.2			e de la composition d
CM29	2599.3	151.3			
CM30	2698.3	99.0			
CM31	2803.5	105.2			
CM32	2933.5	130.0			
CM34	3047.4	113.9			
CM36	3095.6	48.2			
CM37	3219.0	123.4			
CM38	3339.1	120.1			
CM39	3425.5	86.4	1		· · · ·
CM40	3467.5	42.0			
CM41	3556.9	89.4			
CM42	3653.4	96.5			
CM43	3777.2	123.8			
CM45	3916.3	139.1		· · · 1	
CM47	4022.2	105.9			
CM48	4110.3	88.1		· · · ·	
CM49	4230.2	119.9	11		
E.P	4231.2	1.0	18 A.		
Total					11,452
			B		

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Name of work: Package 3 Name of channel:

Concrete ditch and culvert / Excavation No. 2.6/04

Meruya Area

Section	Dis	lance	A	rea	Volume	
	· · · · · · · · · · · · · · · · · · ·	unit	unit	average	• Quality	
No.	(m)	(m)	(m2)	(m2)	(m3)	
MM101	and the second second second second		18.10		(11.57	
MM102	98.9	98,9			2.102	
MM103	201.3	102.4			2,566	
MM104	294.2	92.9			2,465	
MM104+65	359.2	65.0		, = =	1,778	
MM104+115	409.2	50.0				
MM00-20	465.9	56.7			and the second	
MM302-10	504.3	38.4	a di sa			
MM302	514.3	10.0	·			
MM303a	590.6	76.3				
MM303b	647.1	56.5			*****	
MM307	714.7	67.6				
MM308	772.3	57.6				
MM309	819.1	46.8				
MM310	863.4	44.3	9.55			
MM310+4.7	868.1	4.7	9.55	9.55	45	
MM10	883.3	15,2	3.30	6.43	98	
MM11	952.7	69.4	5.25	4.28	297	
MM12	1047.6	94.9	6.25	5.75	546	
MM13	1129.6	82.0	7.00	6.63	544	
MM14	1196.3	66.7	6.08	6.54	437	
MM15	1318.6	122.3	6.08	6.08	744	
MM17	1442.3	123.7	6.66	6.37	788	
MM18	1505.6	63,3	4.81	5.74	364	
MM19	1600.1	94.5	4.49	4.65	440	
MM20	1665.6	65.5	3.09	3.79	249	
MM21	1698.2	32.6	3.96	3.53	115	
MM21+20.0	1718.2	20.0	3.96	3.96	80	
MM21+46.0	1744.2	26.0				
MM22	1775.2	31.0				
MM22+42.2	1817.4	42.2				
MM23	1829.4	12.0		2 - E		
MM24	1893.8	64.4				
MM25	1942.6	48.8		1		
MM25+89.6	2032.2	89.6	3.64			
MM26	2053.5	21.3	3.64	3.64	78	
MM27	2161.3	107.8	2.89	3.27	352	
MM28	2268.5	107.2	1.97	2.43	261	
EP	2269.1	0.6	1.97	1.97	2	
Total					14,351	

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Name of work: Concrete ditch and culvert / Backfilling Package 1 Name of channel: Kamal Drainage Channel (Branch)

No. 2.7/05

	Dista	and a particular second se	14111450 0	Left Bank			Right Bank		Total
Section			Ar		Volume	Ar		Volume	Volume
		unit	unit	average		unit	average		
No.	(m)	(m)	(m2)	- (m2)	(m3)	(m2)	(m2)	(m3)	(m3)
KE00									
KE01	36.6	36.6							4.9
KE02	134.0	97.4			:				
KE03	272.3	138.3	1						
KE04	372.7	100.4		2 1					(1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,
KE07	486.8	114.1							
KE08	568.3	81.5					н. Т.		
KE10	626.2	57.9						с. 	
KEII	714.3	88.1							
KE12	785.9	71.6							
KE13	894.7	108.8							
KE14	944.7	50.0							
KE15	1020.1	75.4						1. A. A.	
KE16	1107.7	87.6							
KE17	1174.1	66.4					1.1	· · ·	
KE18	1265.4	91.3							
KE19	1376.9	111.5			1. A.				- 1. L
KE20	1421.9	45.0					1 H		
KE21	1497.0	75.1	1						1 A.
KE23	1536.7	39.7							
KE24	1637.4	100.7			· ·				
KE25	1718.5	81.1							
KE26	1870.3	151.8							
* KE27	1988.1	117.8			1.11				
KE28	2058.7	70.6							
KE29	2132.0	73.3				10	` .		
KE30	2298.5	166.5		0.58	5	the second se	0.52	and the second second second	184
KE31	2474.4	175.9					1.04		388
KE32	2580.3	105.9	1.17	1.17	124	1.09	1.07	1 T T T T T T T T T T T T T T T T T T T	
KE33	2754.7	174.4	0.67	0.92		1.42	1.26	219	
Total					587			602	1,189

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Name of work: Concrete ditch and culvert / Backfilling Package 2

Name of channel:	PIK J	unction	Drainage	Channel
and the second state where the same spectrum and the second state of the second state				

	Distance		Left Bank			Right Bank		Bank Right Bank To		Total
Section			Ar	ea	Volume	Ar	ea	Volume	Volume	
н. С. С. С		unit	unit	average		unit	average			
No.	(m)	(m)	(m2)	(m2)	(m3)	(m2)	(m2)	(m3)	(m3)	
Outlet	-2.5		1.33			1.33				
BP		2.5	1.33	1.33	4	1.20	1.27	4	. 8	
NM26	55.8	55.8	1.33	1.33	75	1.20	1.20	67	142	
NM27	138.8	83.0	2.95	2.14	178	1.73	1.47	122	300	
NM28	223.2	84.4	1.53	2.24	190	1.94	1.84	155	345	
NM29	320.7	97.5	1.55	1.54		0.91	1.43	139	290	
NM30	411.6	90.9	0.64	1.10	100	0.75	0.83	76	170	
NM32	455.4	43.8	2.59	1.62	71	2.31	1.53	68	139	
NM33	550.7	95.3	3.25	2.92	279	3.10	2.71	258	537	
NM34	665.1	114.4	1.69	2.47	283	1.53	2.32	265	541	
EP	765.4	100.3	1.69	1.69	170	1.53	1.53	154	324	
Total					1,501			1,308	2,809	

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Name of work: Concrete ditch and culvert / Backfilling Package 3

For the second

	Dista		Cengkare	Left Bank]	Right Ban		Total
Section			An	AND TAXABLE PARTY OF A PARTY OF A	Volume	Ar		Volume	Volume
		unit	unit	average		unit	average		
No.	(m)	(m)	(m2)	(m2)	(m3)	(m2)	(m2)	(m3)	(m3)
B.P			Ου	tlet sluices	way	Ou	tlet sluices		
CM01	17.2	17.2	Ou	tlet sluices	way	Ou	tlet sluices	way	
CM02	20.2	3.0		tlet sluice	· · · · · · ·		tlet sluice		
CM02+1.5	21.7	1.5	3.20			2.80			
CM03	154.6	132.9	2.74	2.97	. : 395	2.55	2.68	356	751
CM04	292.3	137.7	4.20	3.47	478	2.96	2.76		858
CM05	392.4	100.1	3.55	3.88		3.70			722
	412.4	20.0	3.55	3.55	72	3.70			140
CM5+20.0		54.0	5.55	5.55	12	5.70	5,10	74	140
CM06	466.4	1	1				•		
CM07	569.0	102.6		•					
CM08	636.6	67.6							
CM09	808.2	171.6							
CM10	884.9	76.7							
CM12	962.9	78.0			;			ļ	
CM13	1056.9	94.0	· · · ·						
CM14	1173.6	116.7			1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	-			· · · ·
CM15	1237.0	63.4					· · · ·		
CM16	1312.8	75.8							· · ·
CM17	1446.0	133.2							
CM18	1544.5	98.5							N
CM19	1613.6	69.1		1. 					
CM20	1740.7	127.1			1.00				
CM21	1832.5	91.8	•						· · · · · · · · · · · · · · · · · · ·
CM22	1901.7	69.2							
CM23	2001.5	.99.8				× .			1
CM24	2102.9							1997 - 19	
CM24 CM25	2194.3						1.1.1.1.1.1.1.		
	2304.8	110.5	·	· · · · · · · · · · · · · · · · · · ·					
CM26									
CM27	2448.0			ļ	8 d. 1				
CM29	2599.3								
CM30	2698.3				·	· · · · · · · · · · · · · · · · · · ·	<u>_</u>		
CM31	2803.5								
CM32	2933.5						Į		l
CM34	3047.4	*					1		
CM36	3095.6	48.2	1	l .					
CM37	3219.0	123.4				1. A 1.			
CM38	3339.1	120.1			1 A. 199	· · ·	•		
CM39	3425.5	86.4							
CM40	3467.5	42.0				and the second s			
CM41	3556.9	THE REAL PROPERTY AND ADDRESS.							
CM42	3653.4					e ti			
CM43	3777.2				- e	1.14	l a 👘 🧎		
CM45	3916.3	1 · · · · · · · · · · · · · · · · · · ·		1	1 ··· .			{	
CM45 CM47	4022.2		I conservative and served.					}	
				- ¹		:			1
CM48	4110.3								1000
CM49	4230.2								
EP	4231.2	1.0	1	F	1	i se de la companya d	1		ł

	Name of work	:	Concrete	e ditch and	culvert / E	Backfilling			No. 2.6/07	
	Package 3 Name of chan	nel:	Meruya	Area						: : :
f		Dista			Left Bank			Right Bank		Total
:. 	Section		-	Ar		Volume		ra	Volume	Volume
ł	No.	(m)	unit	ບກit (m2)	average	(2)	unit	average	(m2)	(m2)
	MM101	_(10)	(m)	1.60	(m2)	(m3)	(m2) 1.25	(m2)	(m3)	(m3)
	MM102	98.9	98.9	2.45	2.03	201	2.25	1.75	174	375
	MM103	201.3	102.4	2.45	2.45	251	2.80	2,53	259	510
	MM104	294.2	92.9	2.60	2.53	235	2.20	2.50	233	468
	MM104+65	359.2	65.0	2.60	2.60	169	2.20	2.20	143	312
	MM104+115	409.2 465.9	50.0 56.7							
	MM00-20 MM302-10	465.9	38.4		$(x,y) \in \mathbb{R}^{n}$					3 ¹
1	MM302-10 MM302	514.3	10.0		·					
	MM303a	590.6	76.3							
· .	MM303b	647.1	56.5					······		
÷.,	MM307	714.7	67.6							
	MM308	772.3	57.6							
	MM309 MM310	819.1 863.4	46.8 44.3		1997 - E.			1111		
	MM310+4.7	868.1	44.5 							
	MM10	883.3	15.2	1.4 A. 1		. 1 -		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
	MM11	952.7	69.4		n an					
	MM12	1047.6	94.9							
	MM13,	1129.6	82.0						1. A.	
	MM14	1196.3	66.7				an a			
	MM15 MM17,	1318.6 1442.3	122.3	· · · · · · · · · · · · · · · · · · ·			<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>	
•	MM18	1505.6	63.3	÷						2
	MM19	1600.1	94.5							
	MM20	1665.6	65.5	n an			241 1		11 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -	
	- MM21	1698.2	32.6							
	MM21+20.0	1718.2	20.0				-			
	MM21+46.0 MM22	1744.2 1775.2	26.0							
	MM22+42.2	1817.4	42.2			· .				
	MM23	1829.4	12.0							
	MM24	1893.8	64.4				:	:		
	MM25	1942.6	48.8		· . · ·					
	MM25+89.6	2032.2	89.6		- 1					
	MM26	2053.5	21.3							
	MM27 MM28	2161.3 2268.5	107.8 107.2							
	EP	2268.5	0.6							
	Total		<u>v.v</u>			856			809	1,665

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nnit 319.4 lin.m 32.8 sq.m 117.2 lin.m 115.8|sq.m 327.4 cu.m 7.9 cu.m 663.6 cu.m 914.9 cu.m 141.6 cu.m l.523.6 sq.m 1.224.6 sq.m 26.4 sq.m 392|nos. 54,893.0 kg Quantitiy 1.322 m : Height of cancrete channel (Design crest EL. - Design channel bed EL) - Ac+0.0785 x 7 x n2 -0.3 x 0.3 x 0.3 x n1 =(H+0.4) x 2 x L -V(No.18) x 60 442.4 m : Length of concrete ditch (KE30+4.6 - KE33) -0.3 x 0.3 x nl -1.384 x 2 x L =3.0 × 0.1 × L -3.7 × 0.2 × L -3.0 × 0.5 × L -5.704 x n2 -Ac x n2 •0.4 x nl -Ac x L 293 : nos. of weep holes ($-2 \times H \times L/4.0m^2$) -7 x n2 56 : nos. of contraction jouints (= L/ 8.0m) Kamal drainage channel (branch) 2.068 m2: Section area of concrete ditch (for joints) /11]Form, Type F1 (for concrete ditch) 07 PVC pipe for weep hole (Stage 3) /09 Concrete Type 4 13 Reinforcing bars /10 Concrete Type 5 '16|Bitumen coating 14 PVC water stop /12 Form, Type F2 /03 Rubble bedding (08 Gabion (PVC) 06 Gravel filter '04|Geo-textile Discription Name of channel: 15 Joint bar Package 1 Ace **_**]**_** n2= H 7 Item so.

No. 2.7 Concrete ditch and culvert

Work division:

CD-16

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unit 612.9 lin.m 19.7 cu.m 292.4|lin.m 3.516.3 sq.m 243.3 sq.m 3.045.0 sq.m 53.7 sq.m 579.9 cu.m 65.8 sq.m 115.1 cu.m .944.7 cu.m 237.9 cu.m 651 nos. 116.684.1 kg Quantitiy 1.965 m : Height of cancrete channel (Design crest EL. - Design channel bed EL) 743.4 m : Length of concrete wall (B.P - E.P. excluding outlet structure) = Ac+0.0785 x 7 x n2 =0.3 x 0.3 x0.3 x n1 -(H+0.4) × 2 × L -V(No.18) x 60 -2.048 x 2 x L 0.3 x 0.3 x nI -3.2.× 0.1 × L. =3.9 x 0.2 x L -3.0 x 0.5 x L =6.590 x n2 =Ac x n2 -0.4 x n] =Ac x L 731 : nos. of weep holes ($= 2 \times H \times L/4.0m2$) -7 × n2 93 : nos. of contraction jouints (- L/ 8.0m) No. 2.5 Concrete ditch and culvert 2.616 m2: Section area of concrete ditch PIK Junction drainage channel (for joints) /10 Form, Type F1 (for concrete ditch) Discription 06 PVC pipe for weep hole /12|Reinforcing bars /08 Concrete Type 4 /15|Bitumen coating /09 Concrete Type 5 /13 PVC water stop /11 Form, Type F2 /02 Rubble bedding 07 Gabion (PVC) '05 Gravel filter Name of channel: /03 Geo-textile 14 Joint bar Work division: Package 2 Ac-<u>"</u> ł n2-5 Item No. z

CD-17

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| 2.6 Concrete ditch and culvert 2.6 Concrete ditch and culvert (CM02+10.8 - CM05+18.0)
Height of concrete channel (Design crest EL Design channel bed EL)
Section area of concrete ditch 5.6 of weep holes (= 2 x H x L /4.0m2) 5.6 of weep holes (= 2 x H x L /4.0m2) 5.6 of weep holes (= 2 x H x L /4.0m2) 5.6 of weep holes (= 2 x H x L /4.0m2) 5.6 of weep hole 6.8 40.0 line 6.8 40.5 x n1 7.2 205.1 sq. 6.7 40.5 x 2 x L 7.2 205.1 sq. 6.7 sq. 7.2 489 x 6 x L 7.7 38.7 sq. 7.7 34.6 sh. | =(H+U.5) x 2 x L
ints) =Ac x n2
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| + Ac x n2 | | |

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| | | | #Ac x n2

 | (tor joints) $\Rightarrow Ac \times n^2$

 | (for joints) $= Ac \times n^2$
=2.489 x 6 x L
 | (for joints) $= Ac \times n^2$
=2.489 x 6 x L

 | (for joints) $-4c \times n^2$
-2.489 x 6 x L
 | $(1 \text{ or } \text{ Joints}) = -2.489 \times 6 \times L$
 | (for joints) $-4c \times n^2$
-2.489 x 6 x L
-V(No.18) x 60 212
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$-2.489 \times 6 \times L$
$-V(No.18) \times 60$
212,
 | (tor joints) -Ac x n2
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-V(No.18) x 60
212.
 | (for joints) $-Ac \times n^2$
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212
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212.
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 | ints) = Ac x n2
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| | | $= (H+0.5) \times 2 \times L$ 2. | =(H+0.5) x 2 x L 2.
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 | $= (H+0.5) \times 2 \times L \qquad 2.$ ints) = Ac x n2

 | =(H+0.5) x 2 x L
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 | $\begin{array}{c} = (H+0.5) \times 2 \times L \\ = (H+0.5) \times 2 \times L \\ = Ac \times n2 \\ = 2.489 \times 6 \times L \\ = 2.12. \\ = 16.012 \times 5.7 \\ =$ | =(H+0.5) x 2 x L 2.
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=2.489 x 6 x L
=V(No.18) x 60
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| | | =(H+0.5) x 2 x L 2. | =(H+0.5) x 2 x L 2.
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 | =(H+0.5) x 2 x L
ints) = Ac x n2

 | =(H+0.5) × 2 × L
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 | =(H+0.5) x 2 x L
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 | =(H+0.5) x 2 x L 2.
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=V(No.18) x 60 212.
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 | =(H+0.5) x 2 x L 2.
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=2.489 x 6 x L 1.
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=16.012 x n2
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 | =(H+0.5) × 2 × L
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 | =11.7 × 0.1 × L
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-2.489 x 6 x L 1,

 | -Ac x L
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 | -Ac x L
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-Ac x n2
-2.489 x 6 x L
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 | -Ac x L
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-Ac x L
-11.7 x 0.1 x L
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 | -n3 x 6.0
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-2.489 x 6 x L
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-Ac x L
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-11.7 x 0.1 x L
-(H-0.5) x 2 x L
-(H-0.5) x 2 x L
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 | -n3 x 6.0
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-16.012 x n2
-16.012 x n2
 | -n3 x 6.0
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-Ac x L
-11.7 x 0.1 x L
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-n3 × 6.0
-n3 × 6.0
-n3 × 6.0
-n3 × 6.0
-n3 × 6.0
-n3 × 6.0
-11.7 × 0.1 × L
-(H+0.5) × 2 × L
-(H+0.5) × 2 × L
-(H+0.5) × 2 × L
-(A+0.5) × 2 × L × L
-(A+0.5) × 2 × L × L × L × L × L × L × L × L × L

 | -0.5 × 0.3 × 0.3 × n1
-0.5 × n1
-0.5 × n1
-n3 × 6.0
-n3 × 6.0
-11.7 × 0.1 × L
=(H+0.5) × 2 × L
=(H+0.5) × 2 × L
=2.489 × 6 × L

 | -0.5 x 0.3 x0.3 x n1
-0.5 x n1
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-n3 x 6.0
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(H+0.5) x 2 x L
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 | -0.3 × 0.3 × 0.3 × n1
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-11.7 × 0.1 × L
-11.7 × 0.1 × L
-12.489 × 6 × L
-2.489 × 6 × L
 | -0.3 × 0.3 × 0.3 × n1
-0.5 × n1
=n3 × 6.0
=n3 × 6.0
=11.7 × 0.1 × L
=(H+0.5) × 2 × L
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=(H+0.5) × 2 × L
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 | -0.5 x n1
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-n3 × 6.0
-n3 × 6.0
-11.7 × 0.1 × L
-11.7 × 0.1 × L
-11.7 × 0.1 × L
-11.7 × 0.1 × L
-11.7 × 0.1 × L
-2.489 × 6 × L
-V(No.18) × 60
-2.12,
 | -0.3 × 0.3 × 0.3 × n1
-0.5 × n1
-0.5 × n1
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-11.7 × 0.1 × L
-11.7 × 0.1 × L
-11.7 × 0.1 × L
-11.7 × 0.1 × L
-2.489 × 6 × L
-2.480 × 6 × L
-2.489 × 6 × L
-2.480 × C × C × L
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-11.7 × 0.1 × L
-11.7 × 0.1 × L
-2.489 × 6.8 × L
-2.489 × 6.8 × C
-1.6 × 12
-2.489 × 6.8 × C |
| | -0.3 × 0.3 × n1
-0.3 × 0.3 × 0.3 × n1
-0.5 × n1
-n3 × 6.0
-n3 × 6.0
-11.7 × 0.1 × L | -0.3 × 0.3 × n1
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-0.5 × n1
-0.5 × n1
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-0.5 × 0.3 × 0.3 × n1
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-(H+0.5) × 2 × L | -0.3 x 0.3 x n1
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-0.5 x n1
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 | -0.3 x 0.3 x n1
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-0.5 x n1
-0.5 x n1
-11.7 x 0.3 x0.3 x n1
-11.7 x 0.1 x L
-(H+0.5) x 2 x L
-(H+0.5) x 2 x L
-2.489 x 6 x L
-1,
 | -0.3 × 0.3 × n1
-0.3 × 0.3 × 0.3 × n1
-0.5 × n1
-0.5 × n1
-1.3 × 6.0
-13 × 6.0
-11.7 × 0.1 × L
-11.7 × 0.1 × L
 | -0.3 × 0.3 × n1
-0.3 × 0.3 × 0.3 × n1
-0.5 × n1
-0.5 × n1
-0.5 × n1
-0.5 × n1
-0.5 × 1
-0.5 × 0.0
-0.5 × 0.0
-0.5 × 0.1
× L
-(H+0.5) × 2 × L | -0.3 x 0.3 x n1
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-11.7 x 0.1 x L
-11.7 x 0.1 x 0.1 x L
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-0.3 x 0.3 x0.3 x n1
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-1.3 x 6.0
-13 x 6.0
-11.7 x 0.1 x L
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-n3 x 6.0
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-n3 x 6.0
-11.7 x 0.1 x L
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-0.3 × 0.3 × 0.3 × 0.1
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-0.5 × n1
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-0.1 × 0.1 × L
-11.7 × 0.1 × C
-11.7 × 0.1
 | -0.3 x 0.3 x n1
-0.3 x 0.3 x 0.3 x n1
-0.5 x n1
-0.5 x n1
-n3 x 6.0
-n3 x 6.0
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-11.7 x 0.1 x L
-11.7 x 0.1 x L
-(H+0.5) x 2 x L -(H+0.5) x 2 x L
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-0.3 x 0.3 x0.3 x n1
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-11.7 x 0.1 x L
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| | -0.3 x 0.3 x n1
-0.3 x 0.3 x n1
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-n1.7 x 0.1 x L | -0.3 x 0.3 x n1
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-n3 x 6.0
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-n3 x 6.0
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-n3 x 0.7 x 11
-11.7 x 0.1 x L
-(H+0.5) x 2 x L
-(| /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 6. /17 Concrete Type 4 -n3 × 6.0 6. /17 Concrete Type 4 -11.7 × 0.1 × L 3. /18 Concrete Type 5 -11.7 × 0.1 × L 3. /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2.
 | /06 Geo-textile /08 Gravel filter /09 PVC pipe for weep hole /14 Furnishing RC pile /15 Driving RC pile /17 Concrete Type 4 /17 Concrete Type 5 /19 Form, Type F1 (for concrete ditch) -Ac x L -Ac x R

 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 6. /17 Concrete Type 4 -n3 × 6.0 6. /17 Concrete Type 5 -11.7 × 0.1 × L 3. /19 Form, Type F1 (for concrete ditch)
-(H+0.5) × 2 × L 2. /20 Form, Type F2 (for joints) -2.489 × 6 × L 1.
 | (06 Geo-textile (08 Gravel filter (09 PVC pipe for weep hole (14 Furnishing RC pile (15 Driving RC pile (15 Driving RC pile (17 Concrete Type 4 (17 Concrete Type 4 (17 Concrete Type 5 (19 Form, Type F1 (for concrete ditch) (19 Form, Type F2 (10 Form, Type F2 (10 Form, Type F2 (10 Form, Type F2

 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /19 Form, Type F1 (for concrete ditch) /20 Form, Type F2 -2.489 × 6 × L
 | /06 Geo-textile /08 Gravel filter /09 PVC pipe for weep hole /14 Furnishing RC pile /15 Driving RC pile /15 Driving RC pile /17 Concrete Type 4 /17 Concrete Type 5 /19 Form, Type F1 (for concrete ditch) /20 Form, Type F2 (for joints) -2.489 x 6 x L
 | (06 Geo-textile (08 Gravel filter (09 PVC pipe for weep hole (14 Furnishing RC pile (15 Driving RC pile (15 Driving RC pile (17 Concrete Type 4 (17 Concrete Type 4 (17 Concrete Type 5 (19 Form, Type F1 (for concrete ditch) (19 Form, Type F2 (20 Form, Type F2 (20 Form, Type F2 (10 Reinforcing bars (20 Reinforcing bars
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -n1.7 × 0.1 × L /19 Form, Type F1 (for joints) /20 Form, Type F2 -2.489 × 6 × L /21 Reinforcing bars -2.489 × 6 × L
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| | -0.3 x 0.3 x n1
-0.3 x 0.3 x 0.3 x n1
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-11.7 x 0.1 x L | -0.3 x 0.3 x n1
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 | 706 Geo-textile 708 Gravel filter 709 PVC pipe for weep hole 714 Furnishing RC pile 715 Driving RC pile 715 Driving RC pile 717 Concrete Type 4 717 Concrete Type 5 717 Concrete Utch 717 X 0.1 × L 717 X 0.1 × L 700 L × L 717 X 0.1 × L 700 L × L 70 L × L 7

 | 706 Geo-textile 708 Gravel filter 709 PVC pipe for weep hole 714 Furnishing RC pile 715 Driving RC pile 715 Driving RC pile 717 Concrete Type 4 717 Concrete Type 5 718 Concrete Type 5 719 Form. Type F1 (for concrete ditch) 70 Form. Type F2 (for joints) 2.489 x 6 x L 7.1
 | 706 Geo-textile 708 Gravel filter 709 PVC pipe for weep hole 714 Furnishing RC pile 715 Driving RC pile 715 Driving RC pile 717 Concrete Type 4 717 Concrete Type 5 717 Concrete Type 5 717 Concrete Type 5 717 Concrete Type 5 717 X 0.1 x L 717 X 0.1 x L 717 X 0.1 x L 719 Form, Type F1 (for concrete ditch) 720 Form, Type F2 720 Form, Type F2 71, 10

 | /06 Geo-textile -0.3 x 0.3 x nl /08 Gravel filter -0.3 x 0.3 x nl /09 PVC pipe for weep hole -0.5 x nl /14 Furnishing RC pile -0.5 x nl /15 Driving RC pile -n3 x 6.0 /17 Concrete Type 4 -n3 x 6.0 /17 Concrete Type 4 -n1.7 x 0.1 x L /19 Form, Type F1 (for joints) /20 Form, Type F2 (for joints)
 | 706 Geo-textile 708 Gravel filter 709 PVC pipe for weep hole 714 Furnishing RC pile 715 Driving RC pile 715 Driving RC pile 717 Concrete Type 4 717 Concrete Type 5 718 Concrete Type 5 719 Form, Type F1 (for concrete ditch) 720 Form, Type F2 720 Form, Type F2 720 Form, Type F2
 | 706 Geo-textile 708 Gravel filter 709 PVC pipe for weep hole 714 Furnishing RC pile 715 Driving RC pile 715 Driving RC pile 715 Driving RC pile 717 Concrete Type 4 717 Concrete Type 5 718 Concrete Type 5 717 X 0.1 x L 718 Concrete Type 5 717 X 0.1 x L 718 Concrete Type 5 720 Form, Type F1 (for concrete ditch) 720 Form, Type F2 720 Form, Type F2 720 Form, Type 72 720 Form, T
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /18 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L /20 Form, Type F2 -2.489 × 6 × L /21 Reinforcing bars -2.489 × 6 × L
 | 706 Geo-textile 708 Gravel filter 709 PVC pipe for weep hole 714 Furnishing RC pile 715 Driving RC pile 715 Driving RC pile 717 Concrete Type 4 717 Concrete Type 5 717 Concrete Type 5 718 Concrete Type 5 719 Form, Type F1 (for concrete ditch) 720 Form, Type F2 | 706 Geo-textile 708 Gravel filter 708 Gravel filter 709 PVC pipe for weep hole 714 Furnishing RC pile 715 Driving RC pile 715 Driving RC pile 717 Concrete Type 4 717 Concrete Type 5 720 Form, Type F1 (for concrete ditch) 720 Form, Type F2 721 Reinforcing bars 721 Reinforcing bars 722 Reinforcing bars 723 PVC water store
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-n3 x 6.0
-n2 x 6.0
-n2 x 1.
-11.7 x 0.1 x L | -0.3 x 0.3 x nl
-0.3 x 0.3 x nl
-0.5 x nl
-0.5 x nl
-n3 x 6.0
-n3 x 0.3 x nl
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6,
6,
-11.7 x 0.1 x L
-(H+0.5) x 2 x L
-(H+0.5) x 2 x L | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -n3 × 6.0 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 5 -11.7 × 0.1 × L /18 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L /19 Form, Type F1 (for concrete ditch) -Ac × n2

 | 706 Geo-textile 708 Gravel filter 708 Gravel filter 709 PVC pipe for weep hole 714 Furnishing RC pile 715 Driving RC pile 717 Concrete Type 4 717 Concrete Type 4 718 Concrete Type 5 719 Form, Type F1 (for concrete ditch) 700 FX 12

 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -n3 × 6.0 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L /19 Form, Type F2 (for joints)
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /17 Driving RC pile -n3 × 6.0 6. /17 Concrete Type 4 -n3 × 6.0 6. /17 Concrete Type 5 -11.7 × 0.1 × L 3. /18 Concrete Type 5 -11.7 × 0.1 × L 2. /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2. /19 Form, Type F2 (for joints) -2.489 × 6 × L 1.

 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -n3 × 6.0 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /18 Concrete Type 4 -n1.7 × 0.1 × L /19 Form, Type F1 (for joints) /20 Form, Type F2 -2.489 × 6 × L
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 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -n1.7 × 0.1 × L /18 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -6(H+0.5) × 2 × L /20 Form, Type F2 -2.489 × 6 × L /20 Form, Type F2 -2.489 × 6 × L
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 6. /17 Concrete Type 4 -n3 × 6.0 6. /17 Concrete Type 4 -n3 × 6.0 6. /18 Concrete Type 5 -n1.7 × 0.1 × L 3. /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2. /20 Form, Type F2 -2.489 × 6 × L 2.
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 6. /17 Concrete Type 4 -n3 × 6.0 6. /17 Concrete Type 5 -11.7 × 0.1 × L 3. /18 Concrete Type 5 -11.7 × 0.1 × L -(H+0.5) × 2 × L 2. /19 Form, Type F1 (for joints) -(H+0.5) × 2 × L 2. /20 Form, Type F2 -2.489 × 6 × L 2.
 | 706 Geo-textile 708 Gravel filter 708 Gravel filter 709 PVC pipe for weep hole 714 Furnishing RC pile 715 Driving RC pile 717 Concrete Type 4 717 Concrete Type 4 717 Concrete Type 5 717 Concrete Type 5 717 Concrete Type 5 717 Concrete Type 5 717 Concrete Gitch) 717 Concrete Gitch) 717 X 0.1 x L 719 Form, Type F1 (for concrete ditch) 720 Form, Type F2 720 Form, Type F2 721 Reinforcing bars 721 Reinforcing bars 721 Reinforcing bars 722 Reinforcing bars 723 Reinforcing bars 730 PVC water effet 748 PVC 2012 x 10 717 PVC water effet 748 PVC PVC PVC PVC PVC PVC PVC PVC PVC PVC | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 6. /17 Concrete Type 4 -n3 × 6.0 6. /17 Concrete Type 4 -n3 × 6.0 6. /17 Concrete Type 5 -11.7 × 0.1 × L 3. /18 Concrete Type 5 -11.7 × 0.1 × L 2. /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2. /19 Form, Type F2 -2.489 × 6 × L 2. /20 Form, Type F2 -2.489 × 6 × L 2.12.
 | 706 Geo-textile 708 Gravel filter 708 Gravel filter 709 PVC pipe for weep hole 714 Furnishing RC pile 715 Driving RC pile 717 Concrete Type 4 717 Concrete Type 4 717 Concrete Type 5 717 Concrete Type 5 717 Concrete Type 5 717 Concrete Type 5 718 Concrete Type 5 719 Form, Type F1 (for concrete ditch) 717 X 0.1 x L 710 Form, Type F2 720 Form, Type F2 721 Reinforcing bars 722 PVC water stop 722 PVC water stop |
| | -0.3 × 0.3 × nl
-0.3 × 0.3 × nl
-0.5 × nl
-0.5 × nl
-n3 × 6.0
-n3 × 6.0
-n3 × 6.0
-11.7 × 0.1 × L | -0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x n1
-0.5 x n1
-0.5 x n1
-0.5 x n1
-0.5 x n1
-0.5 x 1
-0.5 x 1
-1.7 x 0.1 x L
-(H+0.5) x 2 x L
-(H+0.5) x 2 x L | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /08 Gravel filter -0.5 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -n3 × 6.0 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -11.7 × 0.1 × L /18 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L

 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -11.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L .00 -Xex n2 -Xex n2

 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n3 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 5 -n1.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L /19 Form, Type F2 -2.489 × 6 × L
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -n1.7 × 0.1 × L /18 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L -(H+0.5) × 2 × L /20 Form, Type F2 (for joints)

 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -11.7 × 0.1 × L /19 Form, Type F1 (for joints) /20 Form, Type F2 (for joints) /20 Form, Type F2 -2.489 × 6 × L
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -11.7 × 0.1 × L /18 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1 (for joints) /20 Form, Type F2 (for joints)
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × 0.3 × n1 /08 Gravel filter -0.5 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 6, /17 Concrete Type 4 -n3 × 6.0 6, /17 Concrete Type 4 -11.7 × 0.1 × L 3, /18 Concrete Type 5 -11.7 × 0.1 × L 3, /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2, /20 Form, Type F2 (for joints) -2.489 × 6 × L 2,
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -11.7 × 0.1 × L /18 Concrete Type 5 -6(H+0.5) × 2 × L /19 Form, Type F1<(for concrete ditch)
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /14 Furnishing RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -11.7 × 0.1 × L /18 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1 (for joints) /20 Form, Type F2 -2.489 × 6 × L /21 Reinforcing bars -2.489 × 6 × L
 | 706 Geo-textile 708 Gravel filter 709 PVC pipe for weep hole 709 PVC pipe for weep hole 714 Furnishing RC pile 715 Driving RC pile 715 Driving RC pile 717 Concrete Type 4 717 Concrete Type 5 717 Concrete Type 5 717 Concrete Utch 717 X 0.1 x L 710 Form, Type F1 (for concrete ditch) 720 Form, Type F2 720 Form, Type 72 720 Form, Type 72< | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /14 Furnishing RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /18 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1 (for joints) /20 Form, Type F2 -2.489 × 6 × L /21 Reinforcing bars -2.489 × 6 × L /22 PVC water stop -1.0 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -11.7 × 0.1 × L /18 Concrete Type 5 -11.7 × 0.1 × L /18 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1<(for concrete ditch)
 |
| | -0.3 x 0.3 x nl
-0.3 x 0.3 x 0.3 x nl
-0.5 x nl
-0.5 x nl
-n3 x 6.0
-n3 x 6.0
-n2 x 6.0
-n2 x 1.7 x 0.1 x L | -0.3 x 0.3 x nl
-0.3 x 0.3 x nl
-0.5 x nl
-0.5 x nl
-n3 x 6.0
-n3 x 0.3 x nl
-n3 x 6.0
6,
6,
-11.7 x 0.1 x L
-(H+0.5) x 2 x L
-(H+0.5) x 2 x L | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -n3 × 6.0 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L /19 Form, Type F1 (for concrete ditch) -6(H+0.5) × 2 × L

 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /18 Concrete Type 5 -n1.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L /19 Form, Type F1 (for concrete ditch) -Ac × n2

 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L /10 Form, Type F2 -2.489 × 6 × L
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L /20 Form, Type F2 (for joints)

 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 6. /17 Concrete Type 4 -n3 × 6.0 6. /17 Concrete Type 4 -n1.7 × 0.1 × L 3. /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2. /20 Form, Type F2 (for joints) -2.489 × 6 × L 1.
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -0.5 × n1 /17 Concrete Type 4 -11.7 × 0.1 × L /18 Concrete Type 5 -11.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -2.489 × 6 × L
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /14 Furnishing RC pile -0.5 × n1 /17 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -n1.7 × 0.1 × L /19 Form, Type F1 (for concrete ditch) -f(H+0.5) × 2 × L /19 Form, Type F2 -2.489 × 6 × L /10 Reinforcting bars -2.489 × 6 × L
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -n3 × 6.0 6. /17 Concrete Type 4 -n3 × 6.0 6. /17 Concrete Type 4 -n3 × 6.0 6. /18 Concrete Type 5 -n1.7 × 0.1 × L 3. /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2. /20 Form, Type F2 -2.489 × 6 × L 2.
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /14 Furnishing RC pile -0.5 × n1 /17 Driving RC pile -n3 × 6.0 6. /17 Concrete Type 4 -n3 × 6.0 6. /17 Concrete Type 5 -11.7 × 0.1 × L 3. /18 Concrete Type 5 -11.7 × 0.1 × L 3. /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2. /20 Form, Type F2 -2.489 × 6 × L 2.
 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.3 × 0.3 × n1 /14 Furnishing RC pile -0.5 × n1 /15 Driving RC pile -0.5 × n1 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /19 Form, Type F1 (for concrete ditch) -11.7 × 0.1 × L /19 Form, Type F2 -2.489 × 6 × L /20 Form, Type F2 -2.489 × 6 × L /21 Reinforcing bars -2.489 × 6 × L /21 Reinforcing bars -1.6.01 × -0.5 | /06 Geo-textile -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /08 Gravel filter -0.3 × 0.3 × n1 /09 PVC pipe for weep hole -0.5 × n1 /14 Fumishing RC pile -0.5 × n1 /15 Driving RC pile -0.5 × n1 /17 Driving RC pile -n3 × 6.0 /17 Concrete Type 4 -n3 × 6.0 /17 Concrete Type 4 -11.7 × 0.1 × L /19 Form, Type F1 (for joints) /20 Form, Type F2 -2.489 × 6 × L /21 Reinforcing bars -2.489 × 6 × L /22 PVC water stop -16.012 × n2
 | /06 Geo-textile -0.3 x 0.3 xnl /08 Gravel filter -0.3 x 0.3 xnl /09 PVC pipe for weep hole -0.5 x nl /14 Furnishing RC pile -0.5 x nl /15 Driving RC pile -0.5 x nl /17 Concrete Type 4 -0.5 x ll /11 Concrete Type 4 -11.7 x 0.1 x L /19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L /20 Form, Type F2 -2.489 x 6 x L /21 Reinforcing bars -2.489 x 6 x L /22 PVC water stop -16.012 x n2 |
| Discription | -0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x n1
-0.5 x n1
-n3 x 6.0
-n3 x 6.0
-n3 x 6.0
-11.7 x 0.1 x L | -0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x n1
-0.5 x n1
-0.5 x n1
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-0 | /06 Geo-textile -0.3 × 0.3 × n1 41.1 sq /08 Gravel filter -0.3 × 0.3 × n1 12.3 cu /08 Gravel filter -0.5 × n1 228.5 lin /09 PVC pipe for weep hole -0.5 × n1 228.5 lin /14 Furnishing RC pile -n3 × 6.0 6.840.0 lin /17 Driving RC pile -n3 × 6.0 6.840.0 lin /17 Concrete Type 4 -11.7 × 0.1 × L 443.9 cu /18 Concrete Type 5 -(H+0.5) × 2 × L 2.205.1 sq. /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2.205.1 sq.
 | /06 Geo-textile -0.3 × 0.3 × n1 41.1 sq /08 Gravel filter -0.3 × 0.3 × n1 12.3 cu /08 Gravel filter -0.3 × 0.3 × n1 12.3 cu /09 PVC pipe for weep hole -0.5 × n1 228.5 lin /14 Furnishing RC pile -0.5 × n1 228.5 lin /15 Driving RC pile -n3 × 6.0 6,840.0 lin /17 Concrete Type 4 -11.7 × 0.1 × L 3,539.0 cu /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2,205.1 sq.

 | 706 Geo-textile 708 Gravel filter 709 PVC pipe for weep hole 709 PVC pipe for weep hole 714
Furnishing RC pile 715 Driving RC pile 715 Driving RC pile 715 Driving RC pile 717 Concrete Type 4 717 Concrete Type 5 717 Concrete Type 5 717 Concrete Uthe 718 Concrete Uthe 719 Form. Type F1 (for concrete ditch) 720 Form. Type F2 720 Form. Type F3 720 Form. Type F4 720 F0 F6 720 F5 720 F6 720
 | 706 Geo-textile 708 Gravel filter 709 PVC pipe for weep hole 714 Furnishing RC pile 714 Furnishing RC pile 715 Driving RC pile 715 Driving RC pile 715 Driving RC pile 717 Concrete Type 4 717 Concrete Type 5 717 Concrete Type 5 717 Concrete Type 5 717 Concrete Utch 718 Concrete Type 5 717 Concrete Utch 717 Concrete Utch 720 Form, Type F2 720 Form, Type F2 720 Form, Type F2
 | /06 Geo-textile -0.3 × 0.3 × n1 41.1 sq /08 Gravel filter -0.3 × 0.3 × n1 12.3 cu /08 Frunishing RC -0.3 × 0.3 × n1 12.3 cu /09 PVC pipe for weep hole -0.5 × n1 228.5 lin /14 Furnishing RC pile -0.5 × n1
228.5 lin /15 Driving RC pile -n3 × 6.0 6,840.0 lin /17 Concrete Type 4 -11.7 × 0.1 × L 3,539.0 cu /17 Concrete Type 5 -11.7 × 0.1 × L 2,433.9 cu /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2,205.1 sq. /20 Form, Type F2 (for joints) -2.489 × 6 × L 447.7 sq.
 | /06 Geo-textile -0.3 × 0.3 × n1 41.1 89 /08 Gravel filter -0.3 × 0.3 × 0.3 × n1 12.3 cu 12.3 cu /08 Gravel filter -0.3 × 0.3 × 0.3 × 0.3 × n1 12.3 cu 12.3 cu /09 PVC pipe for weep hole -0.5 × n1 228.5 lin 228.5 lin /14 Furnishing RC pile -n3 × 6.0 6.840.0 lin 228.5 lin /17 Driving RC pile -n3 × 6.0 6.840.0 lin 23539.0 cu /17 Concrete Type 4 -11.7 × 0.1 × L 3.539.0 cu 3.539.0 cu /19 Form, Type F1 (for joints) -Ac × n2 447.7 sq. /20 Form, Type F2 -2.489 × 6 × L 1.888.7 sq.
 | /06 Geo-textile 41.1 sq /08 Gravel filter -0.3 × 0.3 × n1 41.1 sq /08 Gravel filter -0.3 × 0.3 × n1 12.3 cu 12.3 cu /09 PVC pipe for weep hole -0.5 × n1 12.3 cu 12.3 cu /14 Furnishing RC pile -0.5 × n1 5.840.0 lin 5.840.0 lin /15 Driving RC pile -n3 × 6.0 6.840.0 lin 5.840.0 lin /17 Concrete Type 4 -11.7 × 0.1 × L 443.9 cu /17 Concrete Type 5 -11.7 × 0.1 × L 443.9 cu /18 Concrete Type 5 -2.489 × 6 × L 447.7 sq /19 Form, Type F1 (for joints) -2.489 × 6 × L 447.7 sq /10 Reinforcing bars -2.489 × 6 × L 2.12.342.6 kg 447.7 sq
 | /06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. /08 PVC pipe for weep hole -0.3 × 0.3 × n1 12.3 cu /09 PVC pipe for weep hole -0.5 × n1 228.5 lin /14 Furnishing RC pile -n3 × 6.0 6.840.0 lin /17 Concrete Type 4 -n3 × 6.0 6.840.0 lin /17 Concrete Type 4 -11.7 × 0.1 × L 443.9 cu /19 Form, Type F1 (for concrete ditch) -6(H+0.5) × 2 × L 447.7 sq. /20 Form, Type F2 -2.489 × 6 × L 1.888.7 sq. /21 Reinforcing bars -21.8 × 60 212.342.6 kg
 | /06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. /08 PVC pipe for weep hole -0.3 × 0.3 × n1 12.3 cu. /09 PVC pipe for weep hole -0.5 × n1 228.5 lin /14 Furnishing RC pile -0.5 × n1 228.5 lin /15 Driving RC pile -n3 × 6.0 6.840.0 lin /17 Concrete Type 4 -n3 × 6.0 6.840.0 lin /17 Concrete Type 5 -n1.7 × 0.1 × L 2.205.1 sq. /18 Concrete Type 5 -(H+0.5) × 2 × L 2.205.1 sq. /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2.205.1 sq. /20 Form, Type F2 (for joints) -2.489 × 6 × L 1.888.7 sq. | /06 Geo-textile 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 12.3 cu. /09 PVC pipe for weep hole -0.5 × n1 228.5 lin /14 Furnishing RC pile -n3 × 6.0 6.840.0 lin /17 Concrete Type 4 -n3 × 6.0 6.840.0 lin /17 Concrete Type 4 -11.7 × 0.1 × L 443.9 cu. /19 Form, Type F1 (for concrete ditch) -11.7 × 0.1 × L 2.205.1 sq. /19 Form, Type
F2 -11.7 × 0.1 × L 2.205.1 sq. /19 Form, Type F2 -11.7 × 0.1 × L 2.2489 × 6 × L /19 Form, Type F2 -2.489 × 6 × L 1.888.7 sq. /20 Form, Type F2 -2.489 × 6 × L 2.12.342.6 kg. | /06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.5 × n1 12.3 cu. /09 PVC pipe for weep hole -0.5 × n1 228.5 lin /14 Fumishing RC pile -0.5 × n1 228.5 lin /15 Driving RC pile -n3 × 6.0 6.840.0 lin /17 Concrete Type 4 -11.7 × 0.1 × L 2205.1 sq. /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2.205.1 sq. /19 Form, Type F2 -2.489 × 6 × L 2.22342.6 kg /20 Form, Type F2 -2.489 × 6 × L 2.12.342.6 kg /21 Reinforcing bars -16.012 × n2 768.6 lin | /06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 12.3 cu. /09 PVC pipe for weep hole -0.5 × n1 228.5 lin /14 Furnishing RC pile -0.5 × n1 228.5 lin /14 Furnishing RC pile -0.5 × n1 228.5 lin /17 Driving RC pile -n3 × 6.0 6.840.0 lin /17 Concrete Type 4 3.539.0 cu 3.539.0 cu /11 Concrete Type 5 -11.7 × 0.1 × L 2.205.1 sq. /19 Form, Type F1 (for joints) -Ac × n2 447.7 sq. /19 Form, Type F2 -2.489 × 6 × L 2.205.1 sq. /19 Form, Type F2 -1.1.7 × 0.1 × L 2.205.1 sq. /19 Form, Type F2 -6.14.0.5) × 2 × L 447.7 sq. /10 Form, Type F2 -2.489 × 6 × L 2.205.1 sq. /20 Form, Type F2 -2.489 × 6 × L 2.22.342.6 kg. /21 Reinforcing bars -16.012 × n2 768.6 lin |
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 | Discription Discription $(06$ Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. $(08$ Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. (08) PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 228.5 lin (09) PVC pipe for weep hole $-0.5 \times n1$ 228.5 lin (14) Furnishing RC pile $-n3 \times 6.0$ $6,840.0$ lin (17) Concrete Type 4 $-n3 \times 6.0$ $6,840.0$ lin (17) Concrete Type 4 $-n3 \times 6.0$ $6,840.0$ lin (17) Concrete Type 5 $-11.7 \times 0.1 \times L$ 443.9 cu (19) Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ $2.205.1$ sq. (19) Form, Type F2 $(for joints)$ $-2.489 \times 6 \times L$ 447.7 sq.
 | /06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 12.3 cu. /09 PVC pipe for weep hole -0.5 × n1 228.5 lin /14 Furnishing RC pile -n3 × 6.0 6,840.0 lin /17 Driving RC pile -n3 × 6.0 6,840.0 lin /17 Concrete Type 4 -11.7 × 0.1 × L 443.9 cu. /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2.205.1 sq. /19 Form, Type F2 (for joints) -2.489 × 6 × L 1.888.7 sq.

 | /06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 12.3 cu /09 PVC pipe for weep hole -0.5 × n1 12.3 cu /14 Furnishing RC pile -n3 × 6.0 6.840.0 lin /15 Driving RC pile -n3 × 6.0 6.840.0 lin /17 Concrete Type 4 -11.7 × 0.1 × L 2.285.1 sq. /19 Form, Type FI (for concrete ditch) -(H+0.5) × 2 × L 2.205.1 sq. /20 Form, Type F2 -2.489 × 6 × L 447.7 sq.
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 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n3$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n3$ 228.5 lin 09 PVC pipe for weep hole $-0.5 \times n1$ 228.5 lin 12.3 cu $-0.5 \times n1$ 228.5 lin 12.4 Furnishing RC pile $-0.5 \times n1$ 228.5 lin 11.7 Furnishing RC pile $-n3 \times 6.0$ $6,840.0$ lin 11.7 Concrete Type 4 $-n3 \times 6.0$ $6,840.0$ lin 11.7 Concrete Type 4 $-11.7 \times 0.1 \times L$ $2.205.1$ sq. 11.7 Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ $2.205.1$ sq. $11.7 \times 0.1 \times L$ $-11.7 \times 0.1 \times L$ -447.7 sq.

 | Discription Discription Quantity /06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter
-0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.5 × n1 228.5 lin /09 PVC pipe for weep hole -0.5 × n1 228.5 lin /14 Furnishing RC pile -n3 × 6.0 6.840.0 lin /15 Driving RC pile -n3 × 6.0 6.840.0 lin /17 Concrete Type 4 -11.7 × 0.1 × L 2.439.0 cu /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2.205.1 sq. /19 Form, Type F2 -2.489 × 6 × L 1.888.7 sq.
 | Discription Discription Quantity /06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.5 × n1 228.5 lin /09 PVC pipe for weep hole -0.5 × n1 228.5 lin /14 Furnishing RC pile -n3 × 6.0 6.840.0 lin /17 Concrete Type 4 -11.7 × 0.1 × L 443.9 cu /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2.489 × 6 × L /19 Form, Type F2 (for joints) -2.489 × 6 × L 447.7 sq.

 | Discription Discription Quantity 706 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 708 Gravel filter -0.3 × 0.3 × n1 41.1 sq. 708 Gravel filter -0.3 × 0.3 × n1 41.1 sq. 708 Driving RC pile -0.5 × n1 228.5 lin 714 Furnishing RC pile -0.5 × n1 228.5 lin 715 Driving RC pile -n3 × 6.0 6.840.0 lin 717 Concrete Type 4 -n5 × x L 443.9 cu. 718 Concrete Type 5 -11.7 × 0.1 × L 2.205.1 sq. 719 Form, Type FI (for concrete ditch) -(H+0.5) × 2 × L 2.205.1 sq. 720 Form, Type F2 -2.489 × 6 × L 447.7 sq.
 | 706 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 708 Gravel filter -0.3 × 0.3 × n1 41.1 sq. 708 Gravel filter -0.3 × 0.3 × n1 12.3 cu 709 PVC pipe for weep hole -0.5 × n1 228.5 lin 714 Furnishing RC pile -0.5 × n1 228.5 lin 717 Driving RC pile -n3 × 6.0 6.840.0 lin 717 Concrete Type 4 -n3 × 6.0 6.840.0 lin 718 Concrete Type 5 -11.7 × 0.1 × L 2.43.9 cu 719 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2.205.1 sq. 720 Form, Type F2 -2.489 × 6 × L 4.47.7 sq.
 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 12.3 cu 08 Gravel filter $-0.3 \times 0.3 \times n1$ 12.3 cu 09 PVC pipe for weep hole $-0.5 \times n1$ $6.840.0 \text{ lin}$ 114 Furnishing RC pile $-0.5 \times n1$ $6.840.0 \text{ lin}$ 117 Concrete Type 4 $-5.6.0$ $6.840.0 \text{ lin}$ 117 Concrete Type 4 $-11.7 \times 0.1 \times L$ $3.539.0 \text{ cu}$ 118 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.205.1 \text{ sq}$ 118 Concrete Type 5 $-2.489 \times 6 \times L$ $1.888.7 \text{ sq}$ 70 Form, Type FI (for concrete ditch) $-6.43.9 \times 6 \times L$ $1.888.7 \text{ sq}$ 70 Feinforcine bars $-2.489 \times 6 \times L$ $2.12.342.6 \text{ kz}$
 | Discription Discription Quantity /06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. /08 Gravel filter -0.3 × 0.3 × n1 12.3 cu. /09 PVC pipe for weep hole -0.5 × n1 228.5 lin /14 Furnishing RC pile -0.5 × n1 228.5 lin /15 Driving RC pile -n3 × 6.0 6,840.0 lin /17 Concrete Type 4 -11.7 × 0.1 × L 2,43.9 cu /18 Concrete Type 5 -11.7 × 0.1 × L 2,43.9 cu /19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2,205.1 sq. /20 Form, Type F2 -2,489 × 6 × L 2,248.7 sq. /21 Reinforcing bars -V(No.18) × 60 211.3 × 60 212.342.6 kg
 | Discription Discription 41.1 sq. 706 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 708 Gravel filter -0.3 × 0.3 × n1 41.1 sq. 709 PVC pipe for weep hole -0.5 × n1 228.5 lin 714 Frumishing RC pile -0.5 × n1 228.5 lin 715 Driving RC pile -n3 × 6.0 6,840.0 lin 717 Concrete Type 4 -11.7 × 0.1 × L 2,43.9 cu 718 Concrete Type 5 -11.7 × 0.1 × L 2,43.9 cu 718 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 447.7 sq. 720 Form, Type F2 -2,489 × 6 × L 2,205.1 sq. 721 Reinforcing bars -2,489 × 6 × L 2,12,342.6 kg.
 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 228.5 lin 12 Furnishing RC pile $-0.5 \times n1$ $6.840.0$ lin 114 Furnishing RC pile $-0.5 \times n1$ $6.840.0$ lin 117 Concrete Type 4 $-86 \times L$ $3,539.0$ cu 117 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.205.1$ sq. 118 Concrete Type 5 $-(H+0.5) \times 2 \times L$ $2.205.1$ sq. 118 Concrete Type 5 $-(H+0.5) \times 2 \times L$ $2.205.1$ sq. 128 Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ $2.205.1$ sq. 200 Form, Type F2 $-2.489 \times 6 \times L$ $2.225.1$ sq. $212,342,6$ kg $-16.017 \times n^2$ $2.12,342.6$ kg $212,342.6$ kg $-16.017 \times n^2$ 768.6 kg | Discription Discription (06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. (08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. (09 PVC pipe for weep hole -0.3 × 0.3 × n1 12.3 cu. (14 Furnishing RC pile -0.3 × 0.3 × n1 228.5 lin (17 Driving RC pile -n3 × 6.0 6,840.0 lin (17 Concrete Type 4 -n3 × 6.0 6,840.0 lin (17 Concrete Type 4 -11.7 × 0.1 × L 2.205.1 sq. (19 Form, Type FI (for concrete ditch) -(H+0.5) × 2 × L 2.205.1 sq. (20 Form, Type F2 -2.489 × 6 × L 447.7 sq. (21 Reinforcing bars -2.018 × n2 -1.888.7 sq. (22 PVC water stop -16.012 × n2 768.6 lin | Discription O(6 Discription 41.1 sq. (06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. (08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. (08 Gravel filter -0.3 × 0.3 × 0.3 × n1 12.3 eu (14 Furnishing RC pile -0.5 × n1 228.5 11.2 (15 Driving RC pile -n3 × 6.0 6,840.0 11.2 (17 Concrete Type 4 -n3 × 6.0 6,840.0 11.7 (17 Concrete Type 4 -11.7 × 0.1 × L 2.43.9 cu (19 Form, Type F1 (for joints) -Ac × n2 1.1.7 × 0.1 × L 2.205.1 sq. (20 Form, Type F2 -10.5) × 2 × L 2.205.1 sq. 2.205.1 sq. (21 Form, Type F2 -1.73 × 60 5.84.7.5 547.7 547.7 547.5 547.5 (22 Form, Type F2 -2.489 × 6 × L 2.13.23.42.6 547.7 542.6 548.6 548.6 548.6 <td< td=""></td<>
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-n3 x 6.0
-10 x 1.0
-10 x 1 | DiscriptionDiscriptionQuantity06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq08 Gravel filter $-0.3 \times 0.3 \times n3 \times n1$ 12.3 cu08 Gravel filter $-0.3 \times 0.3 \times n3 \times n1$ 12.3 cu09 PVC pipe for weep hole $-0.5 \times n1$ 228.5 lin14 Furnishing RC pile $-n3 \times 6.0$ $6.840.0$ lin15 Driving RC pile $-n3 \times 6.0$ $6.840.0$ lin17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 443.9 cu18 Concrete Type 5 $-(H+0.5) \times 2 \times L$ $2.205.1$ sq.19 Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ $2.205.1$ sq.
 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n.1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n.3 \times n.1$ 41.1 sq. 08 Drvc pipe for weep hole $-0.5 \times n.1$ 228.5 lin 12 Furnishing RC pile $-0.5 \times n.1$ 228.5 lin 13 Driving RC pile $-0.5 \times n.1$ 228.5 lin 14 Furnishing RC pile $-0.5 \times n.1$ $6.840.0$ lin 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 443.9 cu 18 Concrete Type 5 $-(H+0.5) \times 2 \times L$ $2.205.1$ sq. 19 Form, Type FI (for concrete ditch) $-Ac \times n.2$ 447.7 sq.

 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n.3 \times n.1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n.3 \times n.1$ 41.1
sq. 08 Gravel filter $-0.3 \times 0.3 \times n.3 \times n.1$ 228.5 lim 09 PVC pipe for weep hole $-0.5 \times n.1$ 228.5 lim 07 Concrete Type 4 $-n.3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 4 $-n.3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ $3.539.0$ cu 18 Concrete Type 5 $-(H+0.5) \times 2 \times L$ $2.205.1$ sq. 20 Form. Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ 447.7 sq.
 | DiscriptionDiscriptionQuantity06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq08 Gravel filter $-0.3 \times 0.3 \times n3 \times n3$ 41.1 sq08 Gravel filter $-0.3 \times 0.3 \times n3 \times n3$ $12.3 cu08 Gravel filter-0.3 \times 0.3 \times n3 \times n312.3 cu09 PVC pipe for weep hole-0.5 \times n10.5 \times n1228.5 lin05 PVC pipe for weep hole-0.5 \times n16.840.0 lin14 Furnishing RC pile-n3 \times 6.06.840.0 lin15 Driving RC pile-n3 \times 6.06.840.0 lin16 Driving RC pile-n3 \times 6.06.840.0 lin17 Concrete Type 4-11.7 \times 0.1 \times L3.539.0 cu18 Concrete Type 5-11.7 \times 0.1 \times L2.205.1 sq.19 Form, Type FI (for concrete ditch)-(H+0.5) \times 2 \times L2.205.1 sq.20 Form, Type FZ(for joints)-2.489 \times 6 \times L1.888.7 sq.$

 | DiscriptionDiscriptionQuantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq 08 Gravel filter $-0.3 \times 0.3 \times n3 \times n1$ 41.1 sq 08 Gravel filter $-0.3 \times 0.3 \times n3 \times n1$ 12.3 cu 08 Gravel filter $-0.3 \times 0.3 \times n3 \times n3$ 12.3 cu 08 Gravel filter $-0.3 \times 0.3 \times n3 \times n3$ 12.3 cu 08 Gravel filter $-0.3 \times 0.3 \times n3 \times n3$ 12.3 cu 08 Driving RC pile -0.3×6.0 $6.840.0$ lin 17 Concrete Type 4 $-3.530.0$ cu $3.539.0$ cu 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ -443.9 cu 19 Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ $2.205.1$ sq. 20 Form, Type F2 $-2.489 \times 6 \times L$ $1.888.7$ sq.
 | DiscriptionDiscriptionQuantity06Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq08Gravel filter $-0.3 \times 0.3 \times n3$ 41.1 sq08Gravel filter $-0.3 \times 0.3 \times n3$ $12.3 cu09PVC pipe for weep hole-0.5 \times n1228.5 lin14Fumishing RC pile-0.5 \times n1228.5 lin15Driving RC pile-n3 \times 6.06,840.0 lin17Concrete Type 4-n3 \times 6.06,840.0 lin18Concrete Type 5-11.7 \times 0.1 \times L2.205.1 sq19Form, Type F1 (for concrete ditch)-(H+0.5) \times 2 \times L2.205.1 sq20Form, Type F2(for joints)-2.489 \times 6 \times L447.7 sq.$
 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n.1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n.3$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n.3$ 41.1 sq. 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n.3$ 41.1 sq. 09 PVC pipe for weep hole $-0.5 \times n.1$ 228.5 lin 07 Driving RC pile $-0.5 \times n.1$ 228.5 lin 14 Funnishing RC pile $-0.5 \times n.1$ 228.5 lin 17 Driving RC pile $-n.3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ $3.539.0$ cu 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.205.1$ sq. 19 Form, Type F1<(for concrete ditch)
 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 12.3 cu 09 PVC pipe for weep hole $-0.5 \times n1$ 12.3 cu 01 Furnishing RC pile $-0.5 \times n1$ 228.5 lin 05 Driving RC pile $-0.5 \times n1$ 228.5 lin 17 Concrete Type 4 $-1.7 \times 0.1 \times L$ 23530.0 cu 19 Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ $2.205.1$ sq. 20 Form, Type F2 $-2.489 \times 6 \times L$ $-2.443.9 \text{ cu}$ 21 Reinforcing bars $-2.489 \times 6 \times L$ $-2.447.7 \text{ sq.}$
 | Discription Discription Quantity 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. 09 PVC pipe for weep hole -0.3 × 0.3 × 0.3 × n1 228.5 lin 09 PVC pipe for weep hole -0.5 × n1 228.5 lin 09 PVC pipe for weep hole -0.5 × n1 228.5 lin 14 Furnishing RC pile -0.5 × n1 228.5 lin 15 Driving RC pile -0.5 × n1 228.5 lin 17 Concrete Type 4 -11.7 × 0.1 × L 2539.0 cu 17 Concrete Type 5 -11.7 × 0.1 × L 3.539.0 cu 18 Concrete Type 5 -11.7 × 0.1 × L 2.205.1 sq. 19 Form, Type F1 (for concrete ditch) -Ac × n2 447.7 sq. 20 Form, Type F2 -2.489 × 6 × L 2.12.342.6 kg
 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 41.1 sq. 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 228.5 lin 14 Furnishing RC pile $-0.5 \times n1$ 228.5 lin 15 Driving RC pile $-n3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ $2.285.1$ sq. 18 Concrete Type 4 $-11.7 \times 0.1 \times L$ $2.205.1$ sq. 19 Form, Type F1 (for joints) $-2.489 \times 6 \times L$ 447.7 sq. 20 Form, Type F2 $-2.489 \times 6 \times L$ $1.88.7$ sq. 21 Reinforcing bars $-1.60.1 \times n \times n \times n2$ $2.12.342.6$ kg. | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n3$ 41.1 sq. 09 PVC pipe for weep hole $-0.3 \times 0.3 \times 0.3 \times n3$ 228.5 lin 09 PVC pipe for weep hole $-0.3 \times 0.3 \times 0.3 \times n3$ 228.5 lin 14 Furnishing RC pile $-0.5 \times n1$ 228.5 lin 17 Concrete Type 4 $-n3 \times 6.0$ $6,840.0$ lin 17 Concrete Type 4 $-n3 \times 6.0$ $6,840.0$ lin 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.235.0$ cu 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.205.1$ sq. 19 Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ $2.43.9$ cu 20 Form, Type F2 $-2.489 \times 6 \times L$ $1.88.7$ sq. 21 Reinforcing bars $-10.01 \times n2$ -2.489×60 $212.342.6$ kg 22 PVC water stop $-16.012 \times n2$ $-16.012 \times n2$ 768.6 lin | Discription Discription Quantity 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. 09 PVC pipe for weep hole -0.3 × 0.3 × n1 228.5 lin 12.3 cu -0.5 × n1 228.5 lin 12.3 cu -0.5 × n1 228.5 lin 12 Furnishing RC pile -0.5 × n1 228.5 lin 13 Driving RC pile -0.5 × n1 228.5 lin 17 Concrete Type 4 -11.7 × 0.1 × L 23539.0 cu 17 Concrete Type 5 -11.7 × 0.1 × L 443.9 cu 18 Concrete Type 5 -(H+0.5) × 2 × L 2.265.1 sq. 19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2.205.1 sq. 18 Concrete Type 6 -0.18 × 60 5.2705.1 sq. 19 Form, Type F2 -2.489 × 6 × L 2.132.342.6 kg 20 Form, Type F2 -V(No.18) × 60 212.342.6 kg 21 Reinforcing bars -16.012 × n2 768.6 lin
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| | Quar
-0.3 x 0.3 x n1
-0.3 x 0.3 x 0.3 x n1
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-n3 x 6.0
-n3 x 6.0
-n1.7 x 0.1 x L | Quanti
-0.3 x 0.3 x n1
-0.5 x 0.3 x0.3 x n1
-0.5 x n2
-0.5 x 2 x L
-0.5 x 2 x L
- | DiscriptionDiscriptionQuantity06Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq.08Gravel filter $-0.3 \times 0.3 \times 0.3 \times n3$ 41.1 sq.08Gravel filter $-0.3 \times 0.3 \times 0.3 \times n3$ 12.3 cu09PVC pipe for weep hole $-0.5 \times n1$ $0.5 \times n1$ 228.5 lin09PVC pipe for weep hole -0.3×6.0 $6,840.0$ lin14Furnishing RC pile $-n3 \times 6.0$ $6,840.0$ lin17Concrete Type 4 $-Ac \times L$ $3.539.0$ cu18Concrete Type 5 $-(H+0.5) \times 2 \times L$ $2.205.1$ sq.19Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ $2.205.1$ sq.
 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 41.1 sq. 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 228.5 lin 14 Furnishing RC pile $-0.5 \times n1$ 228.5 lin 15 Driving RC pile $-n3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 4 $-n3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.205.1$ sq. 19
Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ $2.205.1$ sq.

 | DiscriptionDiscriptionQuantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq 08 Gravel filter $-0.3 \times 0.3 \times n1$ 12.3 cu 08 Gravel filter $-0.3 \times 0.3 \times n1$ 12.3 cu 08 FVC pipe for weep hole $-0.5 \times n1$ $6.840.0$ lin 14 Furnishing RC pile $-n3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 4 $-n3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 5 $-n3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 5 $-n4 \times L$ $-3.539.0$ cu 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.205.1$ sq 18 Concrete Type 5 $-(H+0.5) \times 2 \times L$ 447.7 sq 20 Form. Type F1 (for concrete ditch) $-2.489 \times 6 \times L$ $1.888.7$ sq
 | DiscriptionDiscriptionQuantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 06 Geo-textile $-0.3 \times 0.3 \times n3$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n3$ 12.3 cu 08 Gravel filter $-0.3 \times 0.3 \times n3$ 12.3 cu 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n3$ 12.3 cu 14 Furnishing RC pile $-0.5 \times n1$ $6.840.0$ lin 12 Driving RC pile $-n3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ $3.539.0$ cu 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 443.9 cu 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.205.1$ sq. 19 Form, Type F1 (for concrete ditch) $-Ae \times n2$ $-11.7 \times 0.1 \times L$ 20 Form, Type F2 $(for joints)$ $-2.489 \times 6 \times L$ $1.888.7$ sq.

 | Discription Discription Quantity 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. 09 PVC pipe for weep hole -0.3 × 0.3 × n1 228.5 lin 14 Fumishing RC pile -0.5 × n1 228.5 lin 15 Driving RC pile -0.5 × n1 228.5 lin 17 Concrete Type 4 -n3 × 6.0 6.840.0 lin 17 Concrete Type 4 -11.7 × 0.1 × L 443.9 cu 18 Concrete Upe 5 -11.7 × 0.1 × L 2.205.1 sq. 19 Form, Type F1 (for concrete ditch) -6(H+0.5) × 2 × L 2.205.1 sq. 20 Form, Type F2 -2.489 × 6 × L 1.88.7 sq.
 | DiscriptionDiscriptionQuantity06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq08 Gravel filter $-0.3 \times 0.3 \times n3 \times n1$ 41.1 sq09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ $12.3 cu09 PVC pipe for weep hole-0.5 \times n10.5 \times n112.3 cu14 Furnishing RC pile-0.5 \times n1-0.5 \times n1228.5 lin15 Driving RC pile-n3 \times 6.06.840.0 lin6.840.0 lin17 Concrete Type 4-11.7 \times 0.1 \times L3.539.0 cu18 Concrete Type 5-11.7 \times 0.1 \times L2.205.1 sq19 Form, Type F1 (for concrete ditch)-6.489 \times 6 \times L447.7 sq20 Form, Type F2-2.489 \times 6 \times L-2.489 \times 6 \times L447.7 sq$
 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 21.1 sq. 09 PVC pipe for weep hole $-0.5 \times n1$ 228.5 lin 05 Driving RC pile $-0.5 \times n1$ $6.840.0$ lin 14 Funnishing RC pile $-n3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ $3.539.0$ cu 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.205.1$ sq. 19 Form, Type F1<(for concrete ditch)
 | Discription Discription Quantity 06 Geo-textile -0.3 × 0.3 × n1 41.1 08 Gravel filter -0.3 × 0.3 × n1 41.1 09 PVC pipe for weep hole -0.3 × 0.3 × n1 12.3 09 PVC pipe for weep hole -0.5 × n1 228.5 14 Furnishing RC pile -0.5 × n1 228.5 15 Driving RC pile -n3 × 6.0 6.840.0 17 Concrete Type 4 -n3 × 6.0 6.840.0 19 Form, Type F1 (for concrete ditch) -11.7 × 0.1 × L 2.285.1 20 Form, Type F2 -2.489 × 6 × L 2.205.1 21 Reinforcing bars -2.489 × 6 × L 2.226.1
 | Discription Discription Quantity 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 08 Gravel filter -0.3 × 0.3 × n3 12.3 cu 09 PVC pipe for weep hole -0.3 × 0.3 × n3 12.3 cu 09 PVC pipe for weep hole -0.3 × 0.3 × n3 12.3 cu 14 Furnishing RC pile -0.5 × n1 228.5 lin 17 Concrete Type 4 -n3 × 6.0 6,840.0 lin 17 Concrete Type 4 -n1.7 × 0.1 × L 228.5 lin 18 Concrete Type 5 -n1.7 × 0.1 × L 2.43.9 cu 19 Form, Type F1 (for concrete ditch) -Ac × L 2.443.9 cu 20 Form, Type F2 -2.489 × 6 × L 1.888.7 sq. 21 Reinforcing bars -V(No.18) × 60 2.12.342.6 kg
 | Discription Discription Quantity 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. 09 PVC pipe for weep hole -0.5 × n1 12.3 cu 09 PVC pipe for weep hole -0.5 × n1 228.5 lin 14 Fumishing RC pile -0.5 × n1 228.5 lin 15 Driving RC pile -0.5 × n1 228.5 lin 17 Concrete Type 4 -1.1.7 × 0.1 × L 23539.0 cu 17 Concrete Type 4 -11.7 × 0.1 × L 3,539.0 cu 18 Concrete Type 4 -11.7 × 0.1 × L 2,43.9 cu 19 Form, Type F1 (for joints) -6.4.40.5 × 2 × L 2,205.1 sq. 20 Form, Type F2 -2.489 × 6 × L 2,205.1 sq. 2,47.7 sq. 21 Reinfforcing bars -2.489 × 6 × L 2,242.6 kg. 1,46.77 sq. 21 Reinfforcing bars -1.6.01 × -5 -1.6.01 × -5 2,16.01 × -5 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 09 PVC pipe for weep hole $-0.5 \times n1$ 228.5 lin 09 Driving RC pile $-0.5 \times n1$ 228.5 lin 14 Furnishing RC pile $-0.5 \times n1$ 228.5 lin 15 Driving RC pile $-0.5 \times n1$ 228.5 lin 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 228.5 lin 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 447.7 sq. 19 Form, Type F1 (for joints) -6.489×6.0 $6.840.0$ lin 20 Form, Type F2 $-11.7 \times 0.1 \times L$ $2.205.1$ sq. 21 Reinforcing bars -2.489×6.0 $2.12.342.6$ kg 22 PVC water stop $-16.012 \times n2$ 768.6 lin | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 09 PVC pipe for weep hole $-0.5 \times n1$ $0.5 \times 0.3 \times 0.3 \times n1$ 14 Furnishing RC pile $-0.5 \times n1$ 0.5×40.0 lin 17 Concrete Type 4 $-0.5 \times n1$ 0.5×40.0 lin 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.285.1$ lin 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.3539.0$ cu 19 Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ $2.205.1$ sq. 20 Form, Type F2 $-2.489 \times 6 \times L$ $-1.888.7$ sq. 21 Reinforcing bars $-2.489 \times 6 \times L$ $-1.888.7$ sq. 22 PVC water stop $-16.012 \times n2$ 768.6 lin
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-0.3 x 0.3 x n1
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-(H+0.5) x 2 x L
-(H+0.5) x 2 x L | DiscriptionDiscriptionQuantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq 06 Geo-textile $-0.3 \times 0.3 \times n1$ $12.3 cu08 Gravel filter-0.3 \times 0.3 \times n112.3 cu08 Gravel filter-0.5 \times n1228.5 lin09 PVC pipe for weep hole-0.5 \times n1228.5 lin05 Furnishing RC pile-0.5 \times n16.840.0 lin17 Concrete Type 4-n3 \times 6.06,840.0 lin17 Concrete Type 5-11.7 \times 0.1 \times L2.205.1 sq19 Form, Type F1 (for concrete ditch)-Ke \times n2447.7 sq$

 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n3$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n3$ 228.5 lin 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n3$ 228.5 lin 09 PVC pipe for weep hole -0.3×6.0 $6.840.0$ lin 14 Furnishing RC pile $-n3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 4 $-n3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ $2.205.1$ sq. 19 Form, Type Fil (for concrete ditch) $-(H+0.5) \times 2 \times L$ $2.205.1$ sq.

 | Discription Discription Quantity 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 08 Gravel filter -0.3 × 0.3 × n1 12.3 cu 08 Gravel filter -0.3 × 0.3 × n1 12.3 cu 09 PVC pipe for weep hole -0.5 × n1 228.5 lin 09 PVC pipe for weep hole -0.5 × n1 228.5 lin 14 Fumishing RC pile -n3 × 6.0 6.840.0 lin 17 Concrete Type 4 -n3 × 6.0 6.840.0 lin 17 Concrete Type 4 -11.7 × 0.1 × L 3.539.0 cu 18 Concrete Type 5 -11.7 × 0.1 × L 2.205.1 sq. 19 Form, Type FI (for concrete ditch) -(H+0.5) × 2 × L 447.7 sq. 20 Form, Type FI (for concrete ditch) -2.489 × 6 × L 1.888.7 sq.
 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n3$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n3$ 228.5 lin 09 PVC pipe for weep hole $-0.5 \times n1$ 228.5 lin 09 PVC pipe for weep hole $-0.5 \times n1$ 228.5 lin 07 C pipe for weep hole $-0.5 \times n1$ 228.5 lin 14 Furnishing RC pile $-n3 \times 6.0$ $6.840.0$ lin 15 Driving RC pile $-n3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ $3.539.0$ cu 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.205.1$ sq. 19 Form, Type F1 (for concrete ditch) $-6.H+0.5) \times 2 \times L$ $2.205.1$ sq. 20 Form, Type F2 $2.447.7$ sq. $2.447.7$ sq.

 | Discription Discription Quantity 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. 08 Gravel filter -0.3 × 0.3 × n1 12.3 cu 09 PVC pipe for weep hole -0.5 × n1 228.5 lin 09 FVC pipe for weep hole -0.5 × n1 228.5 lin 14 Furnishing RC pile -n3 × 6.0 6.840.0 lin 17 Concrete Type 4 -n3 × 6.0 6.840.0 lin 17 Concrete Type 4 -11.7 × 0.1 × L 443.9 cu 19 Form, Type FI (for concrete ditch) -(H+0.5) × 2 × L 2.205.1 sq. 20 Form, Type F2 for joints) -2.489 × 6 × L 447.7 sq.
 | Discription Discription Quantity 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. 09 PVC pipe for weep hole -0.3 × 0.3 × n1 228.5 lin 09 PVC pipe for weep hole -0.3 × 0.3 × n1 228.5 lin 14 Funnishing RC pile -0.5 × n1 228.5 lin 15 Driving RC pile -n3 × 6.0 6.840.0 lin 17 Concrete Type 4 -n3 × 6.0 6.840.0 lin 17 Concrete Type 4 -11.7 × 0.1 × L 2.205.1 sq. 18 Concrete Type 5 -11.7 × 0.1 × L 2.205.1 sq. 19 Form, Type FI (for concrete ditch) -Ac × n2 -2.489 × 6 × L 20 Form, Type FZ 1.888.7 sq. 447.7 sq.
 | Discription Discription Quantity 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 08 Gravel filter -0.3 × 0.3 × n1 41.1 sq. 09 PVC pipe for weep hole -0.3 × 0.3 × n1 228.5 lin 09 PVC pipe for weep hole -0.3 × 0.3 × n1 228.5 lin 12 Emishing RC pile -0.5 × n1 228.5 lin 14 Furnishing RC pile -n3 × 6.0 6,840.0 lin 15 Driving RC pile -n3 × 6.0 6,840.0 lin 17 Concrete Type 4 -11.7 × 0.1 × L 2.205.1 sq. 18 Concrete Type 5 -11.7 × 0.1 × L 2.205.1 sq. 18 Concrete ditch) -Ac × L 447.3 sq. 19 Form, Type F1 (for joints) -2.489 × 6 × L 2.205.1 sq. 20 Form, Type F2 -2.489 × 6 × L 1.888.7 sq.
 | Discription Discription Quantity 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 08 Gravel filter -0.3 × 0.3 × n1 12.3 cu 08 Gravel filter -0.3 × 0.3 × n1 12.3 cu 09 PVC pipe for weep hole -0.3 × 0.3 × n1 228.5 lin 14 Furnishing RC pile -0.5 × n1 6.840.0 lin 15 Driving RC pile -n3 × 6.0 6.840.0 lin 17 Concrete Type 4 -11.7 × 0.1 × L 3.539.0 cu 19 Form, Type F1 (for concrete ditch) -Ac × L 2.489 × 6 × L 2.205.1 sq. 20 Form, Type F2 -2.489 × 6 × L 2.205.1 sq. 2.447.7 sq.
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 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 228.5 lin 09 PVC pipe for weep hole $-0.5 \times n1$ 228.5 lin 14 Furnishing RC pile $-0.5 \times n1$ 228.5 lin 15 Driving RC pile $-0.5 \times n1$ 228.5 lin 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 2359.0 cu 19 Form, Type F1 (for concrete ditch) $-Ac \times L$ $-Ac \times L$ 447.3 sq. 20 Form, Type F2 $-4289 \times 6 \times L$ $1.888.7$ sq. $2.242.6$ kg 21 Reinforcing bars $-16.012 \times n2$ 768.6 lin $212.342.6$ kg |
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-0.5 x 2 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times nl$ 41.1 sq 06 Geo-textile $-0.3 \times 0.3 \times nl$ 41.1 sq 08 Gravel filter $-0.3 \times 0.3 \times nl$ 12.3 cu 08 Gravel filter $-0.3 \times 0.3 \times nl$ 12.3 cu 09 PVC pipe for weep hole $-0.5 \times nl$ $0.5 \times nl$ 12.3 cu 14 Furnishing RC pile -0.3×6.0 $6.840.0$ lin 12.3 cu 17 Concrete Type 4 $-n3 \times 6.0$ $6.840.0$ lin $3.539.0$ cu 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.205.1$ sq. 18 Concrete Type 5 $-(H+0.5) \times 2 \times L$ $2.205.1$ sq. 19 Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ $2.205.1$ sq.
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 | 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 08 Gravel filter -0.3 × 0.3 × n1 12.3 cu 09 PVC pipe for weep hole -0.5 × n1 228.5 lin 14 Furnishing RC pile -0.5 × n1 228.5 lin 15 Driving RC pile -n3 × 6.0 6.840.0 lin 17 Concrete Type 4 -11.7 × 0.1 × L 443.9 cu 18 Concrete Type 5 -11.7 × 0.1 × L 2.205.1 sq. 19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 447.7 sq. 20 Form, Type F2 (for joints) -2.489 × 6 × L 447.7 sq.
 | Discription Discription Quantity 06 Geo-textile $-0.3 \times 0.3 \times n1$ 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n1$ 41.1 sq. 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 228.5 lin 09 PVC pipe for weep hole $-0.5 \times n1$ 228.5 lin 09 PVC pipe for weep hole $-0.5 \times n1$ 228.5 lin 14 Funnishing RC pile $-0.5 \times n1$ $6.840.0$ lin 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ $3.539.0$ cu 19 Form, Type F1<(for concrete ditch)

 | 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 06 Geo-textile -0.3 × 0.3 × n1 41.1 sq. 08 Gravel filter -0.3 × 0.3 × n3 12.3 cu 09 PVC pipe for weep hole -0.5 × n1 228.5 lin 09 PVC pipe for weep hole -0.5 × n1 228.5 lin 14 Furnishing RC pile -0.5 × n1 228.5 lin 15 Driving RC pile -n3 × 6.0 6,840.0 lin 17 Concrete Type 4 -11.7 × 0.1 × L 3.539.0 cu 19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2.205.1 sq. 20 Form, Type F2 (for joints) -2.489 × 6 × L 447.7 sq.
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| | x 10.5/2.0)
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-0.5 x 2 x | 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile Discription 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Funnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -n3 x 6.0 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -(H+0.5) x 2 x L 19 Form, Type FI (for concrete ditch) -(H+0.5) x 2 x L 19 Form, Type FI (for concrete ditch) -Ac x n2
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concrete ditch) -(H+0.5) x 2 x L 2205.1 sq.

 | 3= 1140 : nos. of piles (= L/2.0 × 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 × 10.5/2.0) 06 Geo-textile -0.3 × 0.3 × n1 08 Gravel filter -0.3 × 0.3 × n1 09 PVC pipe for weep hole -0.3 × 0.3 × n1 14 Furnishing RC pile -0.3 × 0.3 × n1 15 Driving RC pile -0.3 × 0.3 × n1 16 Furnishing RC pile -0.3 × 0.3 × n1 17 Concrete Type 4 -11.7 × 0.1 × L 18 Concrete Type 5 -11.7 × 0.1 × L 19 Form, Type F1 (for concrete ditch) -7.489 × 6 × L 20 Form, Type F2 (for joints)
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 | 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 Gravel filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 16 Form, Type F1 (for concrete ditch) -Ac x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -Ac x n2 10 Form, Type F2 -2.489 x 6 x L
 | 3- 1140 : nos. of piles (= L/2.0 × 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 × 10.5/2.0) 06 Geo-textile -0.3 × 0.3 × n1 08 Gravel filter -0.3 × 0.3 × n1 09 PVC pipe for weep hole -0.3 × 0.3 × n1 14 Furnishing RC pile -0.5 × n1 15 Driving RC pile -0.5 × n1 16 Form, Type F1 (for concrete ditch) -Ac × L 17 Concrete Type 5 -11.7 × 0.1 × L 18 Concrete Type 5 -11.7 × 0.1 × L 19 Form, Type F1 (for concrete ditch) -2.489 × 6 × L
 | 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile Discription 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 12.3 cu -0.3 x 0.3 x 0.3 x n1 12.3 cu -0.3 x 0.3 x 0.3 x n1 12.3 cu -0.3 x 0.3 x 0.3 x n1 12.4 cu -0.3 x 0.3 x 0.3 x n1 12.5 Driving RC pile -0.3 x 0.3 x 0.3 x n1 14.1 sq. -0.5 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -1.7 X 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 18 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcting bars -2.489 x 6 x L 21 Reinforcting bars -2.489 x 6 x L
 | 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile Discription 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.5 x n1 05 Driving RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -1.7 x 0.1 x L 18 Concrete Type 5 -1.1.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -2.489 x 6 x L
 | 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 16 Furnishing RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 4 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -6(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -2.489 x 6 x L
 | $3-$ 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $Discription$ 06 Geo-textile $-0.3 \times 0.3 \times n.1$ 06 Geo-textile $-0.3 \times 0.3 \times n.3$ 07 Concrete filter $-0.3 \times 0.3 \times n.3$ $0.5 \times n.1$ $-0.3 \times 0.3 \times n.3$ 0.6 Geo-textile $-0.3 \times 0.3 \times n.3$ 0.8 Gravel filter $-0.5 \times n.1$ 0.8 Groupe for weep hole $-0.5 \times n.1$ 1.7 Concrete Type 4 $-11.7 \times 0.1 \times L$ 1.7 Concrete Type 5 $-11.7 \times 0.1 \times L$ 1.7 Concrete Type 5 $-4.0.5 \times 2 \times L$ 1.8 Concrete Type 7 $(for joints)$ $-2.489 \times 6 \times L$ $-1.1.7 \times 0.1 \times L$ 2.0 Form, Type F2 $-2.489 \times 6 \times L$ 2.0 Form, Type 7 -2.439×60 2.0 Form, Type 7 -2.4 | $3-$ 1140 : nos. of piles (= L/2.0 x 10.5/2.0) $3 1140$: nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n3$ 08 Gravel filter $-0.3 \times 0.3 \times n3$ 08 Gravel filter $-0.3 \times 0.3 \times n3$ 08 Gravel filter $-0.5 \times n1$ 06 Furnishing RC pile $-0.5 \times n1$ $0.5 \times n1$ $-0.5 \times n2$ $0.5 \times n1$ $-0.5 \times 2 \times L$ $1.7 \times n1 \times L$ $-1.1.7 \times 0.1 \times L$ $1.8 \times n2$ $-0.5 \times 2 \times L$ $1.7 \times n1 \times L$ $-0.5 \times 2.5 \times L$ $2.28 \times 10.0 \times 10.5 \times 2 \times L$ $-0.443.9 \times 1.5 \times 1.5$ | $3-$ 1140 : nos. of piles (= L/2.0 x 10.5/2.0) Quantity 06 Geo-textile Discription 41.1 sq. 06 Geo-textile $-0.3 \times 0.3 \times n$ l 41.1 sq. 08 Gravel filter $-0.3 \times 0.3 \times n$ l 41.1 sq. 08 PVC pipe for weep hole $-0.3 \times 0.3 \times n$ l 12.3 cu 09 PVC pipe for weep hole $-0.5 \times n$ l 228.5 lin 14 Furnishing RC pile $-0.5 \times n$ l 228.5 lin 17 Concrete Type 4 $-n3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 5 $-n3 \times 6.0$ $6.840.0$ lin 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.3539.0$ cu 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ $2.433.6$ cu 20 Form, Type FI (for concrete ditch) $-Ac \times n^2$ $-11.7 \times 0.1 \times L$ 21 Reinforcing bars $-2.489 \times 6 \times L$ $-1.888.7$ sq. 22 PVC water stop $-16.012 \times n^2$ 768.6 lin
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| ; | x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
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-0.5 x n1
-0.5 x n1
-0.5 x 1
-0.3 x 0.3 x 1
-0.1 x L
-11.7 x 0.1 x L | x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x 0.3 x n1
-0.5 x 2 x L
-0.5 x 2 x L | 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile Discription 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Funnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 16 Funnishing RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -(H+0.5) x 2 x L 19 Form, Type FI (for concrete ditch) -Ac x n2
 | 3- 1140 : nos. of piles (- L/2.0 × 10.5/2.0) 3- Discription 06 Geo-textile -0.3 × 0.3 × n1 08 Gravel filter -0.3 × 0.3 × n1 09 PVC pipe for weep hole -0.3 × 0.3 × 0.3 × n1 14 Furnishing RC pile -0.3 × 0.3 × 0.3 × n1 15 Driving RC pile -0.3 × 0.3 × 0.3 × n1 17 Concrete Type 4 -1.1 × 0.1 × L 18 Concrete Type 5 -11.7 × 0.1 × L 19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 2.205.1 sq.

 | 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n2 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Funnishing RC pile -0.3 x 0.3 x 0.3 x n2 15 Driving RC pile -0.3 x 0.3 x 0.3 x n1 17 Concrete Type 4 -0.3 x 0.1 x 12 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -Ac x L 20 Form, Type F2 -2.489 x 6 x L
 | 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile Discription 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Funnishing RC pile -0.3 x 0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x 0.3 x n1 16 Funnishing RC pile -0.3 x 0.3 x 0.3 x n1 17 Concrete Type 4 -0.5 x n1 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L

 | 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile Discription 08 Gravel filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n2 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -1.1.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -6(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L 19 Form, Type F2 -2.489 x 6 x L
 | 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L 17 Source -2.489 x 6 x L
 | 3- 1140 : nos. of piles (= L/20 x 10.5/2.0) 3- Discription 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.5 x n1 14 Furnishing RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 19 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -2.489 x 6 x L
 | 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile Discription 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n2 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n2 17 Concrete Type 4 -0.3 x 0.3 x n1 18 Concrete Type 4 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -Ac x L 19 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -V(No.18) x 60
 | 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n2 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 16 Furnishing RC pile -0.3 x 0.3 x n1 17 Concrete Type 4 -0.5 x n1 -5 x x L -5.0 17 Concrete Type 4 -11.7 x 0.1 x L -11.7 x 0.1 x L 3.539.0 cu 18 Concrete Type 5 -11.7 x 0.1 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -2.489 x 6 x L 21 Reinforcing bars -2.1439 x 60
 | 3- 1140 : nos. of piles (- $L/2.0 \times 10.5/2.0$) 3- $Discription$ 06 Geo-textile $Discription$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n2$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n2$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n2$ 01 Formishing RC pile $-0.5 \times n1$ 12 Driving RC pile $-0.5 \times n1$ 13 Driving RC pile $-0.5 \times n1$ 14 Furmishing RC pile $-0.5 \times n1$ 15 Driving RC pile $-0.5 \times n1$ 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 19 Form, Type F1 (for concrete ditch) $-Ac \times L$ 20 Form, Type F2 $2.489 \times 6 \times L$ 21 Reinforcing bars $-V(No.18) \times 60$ 21 Reinforcing bars $-V(No.18) \times 60$ | 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 17 Concrete Type 4 -0.5 x n1 -17 Concrete Type 4 -11.7 x 0.1 x L -18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -6(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -2.489 x 6 x L 21 Reinforcing bars -16.012 x n2 | 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile Discription 08 Gravel filter -0.3 x 0.3 xn1 09 PVC pipe for weep hole -0.3 x 0.3 xn3 14 Furnishing RC pile -0.3 x 0.3 xn1 15 Driving RC pile -0.5 x n1 16 Furnishing RC pile -0.5 x n1 17 Concrete Type 4 -1.1.7 x 0.1 x L -1.7 Concrete Type 5 -1.1.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -K x n2 19 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -V(No.18) x 60 21 Reinforcing bars -16.012 x n2 21 Reinforcing bars -16.012 x n2
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| Č. | x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
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x 10.5/2.0)
-0.3 x 0.3 x n1
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-0.3 x 0.3 x n1
-0.5 x n1
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-n3 x 6.0
-n3 x 6.0
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-n3 x 0.0 | 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile -0.3 x 0.3 xn1 08 Gravel filter -0.3 x 0.3 xn1 09 PVC pipe for weep hole -0.3 x 0.3 xn1 14 Furnishing RC pile -0.3 x 0.3 xn1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 xL 18 Concrete Type 5 -11.7 x 0.1 xL 19 Form, Type FI (for concrete ditch) -6H+0.5) x 2 x L 19 Form, Type FI (for concrete ditch) -A47.7 sq.
 | 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5
x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 2.205.1 sq.

 | 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x 0.3 x n1 17 Concrete Type 4 -0.3 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -Ac x L -2.489 x 6 x L -2.489 x 6 x L
 | 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -6.43.9 cu 20 Form, Type F2 -2.489 x 6 x L

 | 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 16 Form, Type F1 (for concrete ditch) -n5 x 6.0 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -6(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L
 | 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -f(H-0.5) x 2 x L 19 Form, Type F2 -2.489 x 6 x L
 | $3 =$ 1140 : nos. of piles (= L/2.0 x 10.5/2.0) $3 =$ 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Gco-textile $-0.3 \times 0.3 \times n1$ 06 Gco-textile $-0.3 \times 0.3 \times n3$ 08 Gravel filter $-0.3 \times 0.3 \times n3$ 08 Driving RC pile $-0.3 \times 0.3 \times n3$ 07 Driving RC pile $-0.3 \times 0.3 \times n3$ 07 Driving RC pile $-0.3 \times 0.3 \times n3$ 07 Concrete Type 4 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-44.0.5 \times 2 \times L$ 17 Concrete Type 7 $(for joints)$ $-2.489 \times 6 \times L$ $-11.7 \times 0.1 \times L$ 2.05 Form, Type F2 $-2.489 \times 6 \times L$ $-11.7 \times 0.1 \times 1$ $-2.205.1 sq$
 | 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- Discription 06 Gco-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -Ac x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -V(No.18) x 60 21 Reinforcing bars -11.3 x 60
 | 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -(H+0.5) x 2 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -2.148) x 60
 | 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile -0.3 x 0.3 x n1 07 C pipe for weep hole -0.3 x 0.3 x n3 08 Gravel filter -0.3 x 0.3 x n3 09 PVC pipe for weep hole -0.3 x 0.3 x n3 05 Stavel filter -0.3 x 0.3 x n3 08 Gravel filter -0.3 x 0.3 x n3 09 PVC pipe for weep hole -0.3 x 0.3 x n3 01 Furnishing RC pile -0.5 x n1 05 Driving RC pile -0.5 x n1 07 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -6(H+0.5) x 2 x L 19 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -10.0 x -7 21 Reinforcing bars -1.6 (0.7 x -7 | 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- Discription 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -0.5 x n1 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -6(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -2.489 x 6 x L 21 Reinforcing bars -16.012 x n2 | 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile Discription 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 16 Furnishing RC pile -0.3 x 0.3 x n1 17 Concrete Type 4 -0.5 x n1 18 Concrete Type 4 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 19 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -V(No.18) x 60 21 Reinforcing bars -16.012 x n2 21 Reinforcing bars -16.012 x n2
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| | vuints (= L/ 8.0m)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x 0.1
-0.5 x n1
-0.5 x n1
-0.5 x n1
-n3 x 6.0
-n3 x 6.0
-n3 x 6.0
-n1.7 x 0.1 x L | vuints (= L/ 8.0m)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x 2 x 0.5 x 0.5 x n1
-0.5 x 2 x 0.5 x | 2- 48 : nos. of contraction jouints (- L/ 8.0m) 3- 1140 : nos. of contraction jouints (- L/ 8.0m) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -(H+0.5) x 2 x L 19 Form, Type FI (for concrete ditch) -(H+0.5) x 2 x L
 | 2^{-} 48 : nos. of contraction jouints (- L/ 8.0m) 3^{-} 1140 : nos. of contraction jouints (- L/ 8.0m) 3^{-} 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3^{-} Discription 3^{-} 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3^{-} Discription 3^{-} $0.5 \times n1$ 3^{-} $0.3 \times 0.3 \times n1$ 41.1 sq $0.5 \times n1$ $0.0 \times n1$ $0.5 \times n1$ $0.0 \times n2$ $0.7 \times n1$ $0.0 \times n2$ $0.7 \times n2$ $0.0 \times n2$ $0.7 \times$

 | 2- 48 : nos. of contraction jouints (= L/ 8.0m) 3- 1140 : nos. of contraction jouints (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0
x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x 0.3 x n1 12 Furnishing RC pile -0.5 x n1 13 Diriving RC pile -0.5 x n1 14 Furnishing RC pile -0.5 x n1 15 Diriving RC pile -0.5 x n1 16 Furnishing RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form. Type F1 (for concrete ditch) -(H-0.5) x 2 x L 2.2489 x 6 x L -2.489 x 6 x L
 | 2- 48 : nos. of contraction jouints (= L/ 8.0m) 3- 1140 : nos. of contraction jouints (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -(H+0.5) x 2 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 22 439 x 6 x L -1.888.7 [sq.

 | 2- 48 : nos. of contraction jouints (= L/ 8.0m) 3- 1140 : nos. of contraction jouints (= L/2.0 x 10.5/2.0) 35 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 36 Geo-textile 36 Geo-textile 36 Geo-textile 37 Concrete Type 4 37 Concrete Type 5 30 Form, Type F1 (for concrete ditch) 30 Form, Type F2
 | 2- 48 : nos. of contraction jouints (- L/ 8.0m) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 16 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -(H+0.5) x 2 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L
 | 2^{-} 48 : nos. of contraction jouints (= L/ 8.0m) 3^{-} 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3^{-} 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Francishing RC pile $-0.3 \times 0.3 \times n1$ 07 FUT nishing RC pile $-0.3 \times 0.3 \times n1$ 07 Concrete Type 4 $-0.3 \times 0.3 \times n1$ 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 17 Concrete Type 71 (for concrete ditch) $-Ac \times L$ 17 Concrete Type 72 $(for joints)$ $2.489 \times 6 \times L$ $-1.886.7$ sq.
 | 2^{-} 48 : nos. of contraction jouints (- L/ 8.0m) 3^{-} 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3^{-} 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n.1$ 06 Geo-textile $-0.3 \times 0.3 \times n.1$ 06 Geo-textile $-0.3 \times 0.3 \times n.1$ 08 Gravel filter $-0.3 \times 0.3 \times n.1$ 08 Grower filter $-0.5 \times n.1$ 09 PVC pipe for weep hole $-0.5 \times n.1$ $05 \times 0.3 \times 0.3 \times n.1$ $228.5 \lim 1.23 e n$ $05 \times 0.0 \times 0.1 \lim RC$ $0.6.840.0 \lim 1.23 e n$ $05 \times 0.0 \times 0.1 \times 1$ $-0.5 \times n.1$ $0.5 \times 0.1 \times 0.1 \times 1$ $-1.7 \times 0.1 \times 1$ $0.5 \times 0.0 \times 0.1 \times 1$ $-1.7 \times 0.1 \times 1$ 0.7 Concrete Type 4 $-1.1.7 \times 0.1 \times 1$ 17 Concrete Type 5 $-(H+0.5) \times 2 \times 1$ 17 Concrete Type 5 $-2.489 \times 6 \times 1$ $17 \times 0.1 \times 1$ $-2.489 \times 6 \times 1$ $17 \times 0.1 \times 1$ $-2.489 \times 6 \times 1$ $18 \operatorname{Korn}$, Type F2 $-2.489 \times 6 \times 1$ $18 \operatorname{Korn}$, Type F2 $-2.489 \times 6 \times 1$ $20 \operatorname{Korn}$, Type F2 $-7.08 \times 10^{-}$
 | 2- 48 : nos. of contraction jouints (= L/ 8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 66 Geo-textile 70 Geo-textile 80 Gravel filter 80 FVC pipe for weep hole 91.7 x 0.3 x 0.3 x 0.3 x n1 141.1 sq. 41.1 sq. 68.40.0 lin 14.7 minishing RC pile 15 Driving RC pile 16 Furnishing RC pile 17 Concrete Type 4 17 Concrete Type 5 20 Form, Type F2 21.7 x 0.1 x L 2.489 x 6 x L 212.342.0 kg | 2^{-} 48 : nos. of contraction jouints (= L/ 8.0m) 3^{-} 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3^{-} 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06
Geo-textile $-0.3 \times 0.3 \times n3$ 06 Geo-textile $-0.3 \times 0.3 \times n3$ 06 Geo-textile $-0.3 \times 0.3 \times n3$ 08 Gravel filter $-0.3 \times 0.3 \times n3$ 08 PVC pipe for weep hole $-0.3 \times 0.3 \times n3$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n3$ 14 Furnishing RC pile $-0.3 \times 0.3 \times n3$ 17 Concrete Type 4 -0.3×6.0 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-2.489 \times 6 \times L$ 17 Concrete Type 5 $-2.489 \times 6 \times L$ 17 Concrete ditch) $-11.7 \times 0.1 \times L$ 20 Form, Type F2 $-2.489 \times 6 \times L$ 21 Reinforcing bars $-1.6 \times 0.7 \times 0.7$ $213,22.6$ kg $-1.6 \times 0.7 \times 0.7$ | 2= 48 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 35= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x 0.3 x n1 16 Form, Type F1 (for concrete ditch) -n3 x 6.0 17 Concrete Type 4 -11.7 x 0.1 x L 205 Form, Type F2 -2.489 x 6 x L 218 Form, Type F2 -2.489 x 6 x L 218 Form, Type F2 -2.489 x 6 x L 218 Form, Type F2 -2.489 x 6 x L 218 Form, Type F2 -2.489 x 6 x L 218 Form, Type F2 -2.489 x 6 x L 218 Form, Type F2 -2.489 x 6 x L 218 Form, Type F2 -2.489 x 6 x L 218 Form, Type F2 -1.6.012 x n2 218 Form, Type F2 -1.6.012 x n2 218 Form, Type F2 -2.489 x 6 x L 218 Form, Type F2 -1.6.012 x n2 218 Form, Type F2 -1.6.012 x n2 218 Form, Type F3 -1.6.012 x | 2= 48 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -(H+0.5) x 2 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 19 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -V(No.18) x 60 21 Reinforcing bars -16.012 x n2 22 PVC water stop -16.012 x n2 |
| 101 | vuints (- L/ 8.0m)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x 0.3 x n1
-0.5 x n1
-0.5 x n1
-n3 x 6.0
-n3 x 0.1 x L | wints (= L/ 8.0m)
x 10.5/2.0)
x 10.5/2.0)
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.5 x n1 = 0.5 x n1
= 0.5 x n1 = 0.5 x n2 = 0.5 | 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of contraction jouints (= L/8.0m) Discription Discription 06 Geo-textile -0.3 × 0.3 × n1 08 Gravel filter -0.3 × 0.3 × n1 09 PVC pipe for weep hole -0.3 × 0.3 × n1 14 Furnishing RC pile -0.3 × 0.3 × n1 15 Driving RC pile -0.3 × 0.3 × n1 17 Concrete Type 4 -11.7 × 0.1 × L 17 Concrete Type 5 -11.7 × 0.1 × L 19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 19 Form, Type F1 (for concrete ditch) -Ac × n2
 | 2^{-} 48 : nos. of contraction jouints (- L/ 8.0m) 3^{-} 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3^{-} 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.5 \times n1$ $0.5 \times n1$ $-0.5 \times n1$ $0.5 \times n1$ $-0.5 \times n1$ $0.5 \times n1$ $-0.5 \times n1$ 0.5 for pile $-0.5 \times n1$ 0.5 ktole $-0.5 \times n1$ 0.5 ktole $-0.5 \times n1$
$0.7 \times n1$ $-0.5 \times n1$ $0.7 \times n1$ $-0.5 \times n1$ $0.7 \times n1$ $-0.5 \times 2 \times L$ 1.7 Concrete Type 5 $-11.7 \times 0.1 \times L$ $1.8 - 0.00$ $-0.447.0 \sin 1$ $1.9 - 0.00$ $-0.447.7 \sin 1$ $1.7 - 0.00$ $-0.00 \times 0.2 \times L$ $1.7 - 0.00$ $-0.00 \times 0.2 \times L$ $0.00 - 0.00$ $-0.00 \times 0.2 \times L$ $0.00 - 0.00 \times 0.00$ -0.00×0.0

 | 2= 48 : nos. of contraction jouints (- L/ 8.0m) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile Discription 06 Geo-textile -0.3 x 0.3 x n1 07 C pipe for weep hole -0.3 x 0.3 x n2 08 Gravel filter -0.3 x 0.3 x n2 09 PVC pipe for weep hole -0.3 x 0.3 x n2 14 Furnishing RC pile -0.5 x n1 05 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -A43.9 cu 10 Form, Type F2 -2.489 x 6 x L
 | 2= 48 : nos. of contraction jouints (- L/ 8.0m) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile Discription 08 Gravel filter -0.3 x 0.3 xn1 09 PVC pipe for weep hole -0.3 x 0.3 x0.3 xn1 14 Furnishing RC pile -0.3 x 0.3 x0.3 xn1 15 Driving RC pile -0.5 xn1 17 Concrete Type 4 -11.7 x 0.1 xL 18 Concrete Type 5 -(H+0.5) x 2 xL 17 Concrete Type 5 -(H+0.5) x 2 xL 18 Concrete Type 5 -(H+0.5) x 2 xL 17 Concrete Type 5 -11.7 x 0.1 xL 2205.1 sq. -(H+0.5) x 2 xL 18 Concrete Type 5 -11.7 x 0.1 xL 2205.1 sq. -(H+0.5) x 2 xL 20 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 xL 20 Form, Type F2 -2.489 x 6 xL

 | 2= 48 : nos. of contraction jouints (- L/ 8.0m) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile Discription 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n2 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x 0.3 x n2 15 Driving RC pile -0.3 x 0.3 x 0.3 x n1 17 Concrete Type 4 -0.3 x 0.3 x 0.3 x n1 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -(H+0.5) x 2 x L 19 Form, Type F2 (for joints) 2.2489 x 6 x L 1.888.7 sq
 | 2= 48 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n2 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n2 17 Concrete Type 4 -0.5 x n1 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L
 | 2= 48 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n2 14 Furnishing RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -6(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -2.489 x 6 x L
 | 2= 48 : nos. of contraction jouints (- L/ 8.0m) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile Discription 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x 0.3 x n1 17 Concrete Type 4 -0.5 x n1 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -2.489 x 6 x L
 | 2= 48 : nos. of contraction jouints (- L/ 8.0m) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile Discription 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 16 Furnishing RC pile -0.3 x 0.3 x n1 17 Concrete Type 4 -0.5 x n1 18 Concrete Type 4 -1.1.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -2.489 x 6 x L
 | 2- 48 : nos. of contraction jouints (- L/ 8.0m) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 xn1 06 Geo-textile -0.3 x 0.3 xn1 07 Gravel filter -0.3 x 0.3 xn1 08 Firwing RC pile -0.3 x 0.3 xn1 09 PVC pipe for weep hole -0.5 x n1 07 S Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 xL 18 Concrete Type 5 -11.7 x 0.1 xL 19 Form, Type FI (for concrete ditch) -(H+0.5) x 2 x L 19 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -V(No.18) x 60 21 Reinforcing bars -1.6 (0.7 v.7) | 2- 48 : nos. of contraction jouints (- L/ 8.0m) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x n1 07 Solution -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n2 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n2 09 PVC pipe for weep hole -0.3 x 0.3 x n2 09 PVC pipe for weep hole -0.3 x 0.3 x n2 09 PVC pipe for weep hole -0.3 x 0.3 x n2 14 Furnishing RC pile -0.3 x 0.3 x n2 16 Driving RC pile -11.7 x 0.1 x L 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -Ac x L 18 Concrete Type 5 -11.7 x 0.1 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars 212.322.0 kg 22 PVC water stop -11.5 x 0.2 x n2 | 2- 48 : nos. of contraction jouints (- L/ 8.0m) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile 06 Geo-textile 07 Cravel filter 08 PVC pipe for weep hole 09 PVC pipe for weep hole 09 PVC pipe for weep hole 014 Furnishing RC pile 05 N1 06 6.840.0 lin 12 Discription 07 Concrete Type 4 17 Concrete Type 4 17 Concrete Type 5 18 Form, Type F2 19 Form, Type F2 10 FORM, T3 × 60 10 Sout 10 Form, Type F2 10 Form, Type F2 10 Form, T3 × 60
 |
| 752 252 | vuints (= L/ 8.0m)
x 10.5/2.0)
=0.3 x 0.3 x n1
=0.3 x 0.3 x n1
=0.5 x n1
=n3 x 6.0
=n3 x 6.0
=n3 x 6.0
=n3 x 6.0
=n3 x 6.0
=n3 x 0.1 x L | vuints (= L/ 8.0m)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x n1
-0.5 x n1
-0.5 x n1
-n3 x 6.0
-n3 x 6.0
-n3 x 6.0
-n3 x 0.3 x n1
-0.5 x n2
-0.5 x n | 2= 48 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of contraction jouints (= L/ 8.0m) 06 Geo-textile 05 Geo-textile 06 Geo-textile 07 Discription 08 Gravel filter 09 PVC pipe for weep hole 14 Furnishing RC pile 09 PVC pipe for weep hole 15 Driving RC pile 16 Furnishing RC pile 17 Concrete Type 4 17 Concrete Type 5 18 Concrete Type 5 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 2,205.11 sq.
 | 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of contraction jouints (= L/8.0m) 06 Geo-textile $-0.3 \times 0.3 \times nl$ 07 Geo-textile $-0.3 \times 0.3 \times nl$ 08 Gravel filter $-0.3 \times 0.3 \times nl$ 09 PVC pipe for weep hole $-0.5 \times nl$ 09 PVC pipe for weep hole $-0.5 \times nl$ 07 Concrete Type 4 $-0.5 \times nl$ 17 Concrete Type 4 $-n3 \times 6.0$ 19 Form, Type Fi (for concrete ditch) $-(H+0.5) \times 2 \times L$ 08 Form, Type Fi (for concrete ditch) $-(H+0.5) \times 2 \times L$

 | 2- 48 : nos. of
contraction jouints (- L/ 8.0m) 3- 1140 : nos. of contraction jouints (- L/ 8.0m) 06 Geo-textile -0.3 × 0.3 × n1 07 Gravel filter -0.3 × 0.3 × n1 08 Gravel filter -0.3 × 0.3 × n1 09 PVC pipe for weep hole -0.5 × n1 07 Concrete Type 4 -0.5 × n1 17 Concrete Type 4 -11.7 × 0.1 × L 18 Concrete Type 5 -11.7 × 0.1 × L 19 Form, Type F1 (for concrete ditch) -Ac × L 19 Form, Type F2 (for joints)
 | 2- 48 : nos. of contraction jouints (- L/ 8.0m) 3- 1140 : nos. of contraction jouints (- L/ 8.0m) 06 Geo-textile -0.3 × 0.3 × n1 07 Gravel filter -0.3 × 0.3 × n1 08 Gravel filter -0.3 × 0.3 × n1 09 PVC pipe for weep hole -0.3 × 0.3 × n1 05 Stavel filter -0.3 × 0.3 × n1 08 Gravel filter -0.3 × 0.3 × n1 09 PVC pipe for weep hole -0.3 × 0.3 × n1 05 Stavel filter -0.5 × n1 06 Stavel filter -0.5 × n1 07 Concrete Type 4 -11.7 × 0.1 × L 17 Concrete Type 5 -11.7 × 0.1 × L 18 Concrete Type 5 -11.7 × 0.1 × L 19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 20 Form, Type F2 -2.489 × 6 × L

 | 2- 48 : nos. of contraction jouints (- L/ 8.0m) 3- 1140 : nos. of contraction jouints (- L/ 8.0m) 3- 1140 : nos. of contraction jouints (- L/ 8.0m) 06 Gco-textile 0.3 x 0.3 x n1 07 Cravel filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n3 09 PVC pipe for weep hole -0.5 x n1 14 Furnishing RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -Ac x L 2.289 x 6 x L -2.489 x 6 x L
 | 2- 48 : nos. of contraction jouints (- L/ 8.0m) 3- 1140 : nos. of contraction jouints (- L/ 8.0m) 06 Geo-textile 06 Geo-textile 08 Gravel filter -0.3 × 0.3 × n1 09 PVC pipe for weep hole -0.3 × 0.3 × n3 14 Furnishing RC pile -0.3 × 0.3 × n3 15 Driving RC pile -0.5 × n1 17 Concrete Type 4 -11.7 × 0.1 × L 18 Concrete Type 5 -11.7 × 0.1 × L 19 Form, Type F1 (for concrete ditch) -(H+0.5) × 2 × L 20 Form, Type F2 -2.489 × 6 × L
 | 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= U/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 C pipe for weep hole $-0.3 \times 0.3 \times n1$ 08 Filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 07 C pipe for weep hole $-0.5 \times n1$ 08 Driving RC pile $-0.3 \times 0.3 \times n2$ 09 PVC pipe for weep hole $-0.5 \times n1$ 07 Concrete Type 4 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-2.489 \times 6 \times L$ 18 Concrete ditch) $-A \times n2$ 19 Form, Type F1 (for concrete ditch) $-2.489 \times 6 \times L$ 19 Reinforcing bars $-2.489 \times 6 \times L$
 | 2- 48 : nos. of contraction jouints (= L/ 8.0m) 3- 1140 : nos. of contraction jouints (= L/ 8.0m) 3- 1140 : nos. of contraction jouints (= L/ 8.0m) 06 Geo-textile 0.3 x 0.3 x n1 07 Scription -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x 0.3 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -2.489 x 6 x L
 | 2- 48 : nos. of contraction jouints (= L/ 8.0m) 3- 1140 : nos. of contraction jouints (= L/ 8.0m) 06 Geo-textile -0.3 × 0.3 × n1 08 Gravel filter -0.3 × 0.3 × n1 09 PVC pipe for weep hole -0.3 × 0.3 × n1 14 Furnishing RC pile -0.3 × 0.3 × 0.3 × n1 12 Surving RC pile -0.3 × 0.3 × 0.3 × n1 13 Discription -0.3 × 0.3 × 0.3 × n1 14 Furnishing RC pile -0.5 × n1 15 Driving RC pile -0.5 × n1 17 Concrete Type 4 -11.7 × 0.1 × L 18 Concrete Type 5 -11.7 × 0.1 × L 19 Form, Type F1 (for concrete ditch) -6(H+0.5) × 2 × L 20 Form, Type F2 -2.489 × 6 × L 21 Reinforcing bars -2.489 × 6 × L
 | 2- 48 : nos. of contraction jouints (= L/ 8.0m) 3- 1140 : nos. of contraction jouints (= L/ 8.0m) 3- 1140 : nos. of contraction jouints (= L/ 8.0m) 06 Geo-textile -0.3 x 0.3 x n1 07 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 16 Furnishing RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 19 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -V(No.18) x 60 21 Reinforcing bars -16.01 x - 7 | 2= 48 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n2 16 Form, Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Form, Type F1 (for concrete ditch) -Ac x L 19 Form, Type F2 -2.489 x 6 x L 210 Form, Type F2 -2.489 x 6 x L 211.7 x 0.1 x L 2.205.1 sq. 212.322.0 kg 2.205.1 sq. 212.322.0 kg 2.205.1 sq. 212.322.0 kg -11.7 x 0.1 x L 212.322.0 kg -11.7 x 0.1 x L 212.322.0 kg -11.7 x 0.1 x L | 2= 48 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 01 Formishing RC pile -0.3 x 0.3 x n1 02 FVC pipe for weep hole -0.3 x 0.3 x n1 03 FVC pipe for weep hole -0.3 x 0.3 x n1 04 Furnishing RC pile -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 16 Form, Type F1 (for concrete ditch) -Ac x L 17 Concrete Type 5 -11.7 x 0.1 x L 20 Form, Type F2 -2.489 x 60 20 Form, Type F2 -V(No.18) x 60 21 Reinforcing bars -16.012 x n2 21 Reinforcing bars -16.012 x n2
 |
| | - 2 x H x L /4.0m2)
wints (- L / 8.0m)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x n1
-0.5 x n1
-0.5 x n1
-0.5 x n1
-0.5 x n1
-0.1 x L | - 2 x H x L /4.0m2)
wuints (= L / 8.0m)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x 2 x L
-0.5 x | 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 Cravel filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -(H+0.5) x 2 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 19 Form, Type F1 (for concrete ditch) -A7.3 sq.
 | 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 6 $6co$ -textile 06 $6co$ -textile 07 $0.5 \times 0.3 \times n1$ 08 $6ravel filter 09 PVC pipe for weep hole 14 -0.3 \times 0.3 \times n1 09 PVC pipe for weep hole 14 Furnishing RC pile 15 Driving RC pile 16 -0.3 \times 0.3 \times n1 17 Concrete Type 4 -8C \times L -0.5 \times n1 17 Concrete Type 5
 19 Form, Type FI (for concrete ditch) -(H+0.5) \times 2 \times L -2.205.1 sq. -447.7 sq. $

 | 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Geo-textile $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n3$ 09 PVC pipe for weep hole $-0.5 \times n1$ 05 Driving RC pile $-0.5 \times n1$ 14 Furnishing RC pile $-0.5 \times n1$ 15 Driving RC pile $-0.5 \times n1$ 16 Concrete Type 4 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 19 Form, Type FI (for concrete ditch) $-Ac \times n2$ 20 Form Type F2 $-2.489 \times 6 \times L$
 | 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Geo-textile $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n3$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n3$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n3$ 07 Discription $-0.3 \times 0.3 \times n3$ 08 FVC pipe for weep hole $-0.3 \times 0.3 \times n3$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n3$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n3$ 14 Furnishing RC pile $-0.3 \times 0.3 \times n3$ 15 Driving RC pile $-0.3 \times 0.1 \times L$ 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ 19 Form, Type FI (for concrete ditch) $-6.440.0$ in 20 Form, Type F2 $-2.489 \times 6 \times L$

 | 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 14 Furnishing RC pile $-0.3 \times 0.3 \times n1$ 15 Driving RC pile $-0.3 \times 0.3 \times n1$ 17 Concrete Type 4 $-0.5 \times n1$ 18 Concrete Type 4 $-11.7 \times 0.1 \times L$ 19 Form, Type FI (for concrete ditch) $-Ac \times n2$ 19 Form, Type F2 $-2.489 \times 6 \times L$
 | 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Geo-textile $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 14 Furnishing RC pile $-0.3 \times 0.3 \times n1$ 15 Driving RC pile $-0.5 \times n1$ 16 Furnishing RC pile $-0.5 \times n1$ 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ 19 Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ 20 Form, Type F2 $-2.489 \times 6 \times L$
 | 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile 08 Gravel filter 09 PVC pipe for weep hole 14 Furnishing RC pile 09 PVC pipe for weep hole 14 Furnishing RC pile 09 PVC pipe for weep hole 14 Furnishing RC pile 15 Driving RC pile 17 Concrete Type 4 18 Concrete Type 5 19 Form, Type FI (for concrete ditch) 17 Reinforcing bars 20 Form, Type FZ 20 Form, Type KZ
 | 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 06 Geo-textile 07 $0.3 \times 0.3 \times 0.3 \times n!$ 08 Gravel filter 09 PVC pipe for weep hole 09 PVC pipe for weep hole 14 Furnishing RC pile 09 PVC pipe for weep hole 14 Furnishing RC pile 15 Driving RC pile 16 $-0.3 \times 0.3 \times 0.3 \times n!$ 17 Concrete Type 4 17 $-0.5 \times n!$ 17 Concrete Type 5 17 Form, Type FI (for concrete ditch) 17 $-0.43.9 \times 6.0$ 17 $-0.48.9 \times 6.0$ 17 $-0.43.9 \times 6.0$ 17 $-0.43.9 \times 6.0$ 17 $-0.48.9 \times 6.0$ 17 $-0.48.9 \times 6.0$
 | 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Gravel filter $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 14 Furnishing RC pile $-0.3 \times 0.3 \times n3 \times n1$ 15 Driving RC pile $-0.3 \times 0.3 \times n1$ 17 Concrete Type 4 $-0.3 \times 0.3 \times n1$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ 19 Form, Type FI (for concrete ditch) $-2.489 \times 6 \times L$ 22 Ac x L $-2.489 \times 6 \times L$ 21 Reinforcing bars $-2.489 \times 6 \times L$
 | 1 = 457 : nos. of weep holes (= $2 \times H \times L/4.0m2$) 2 = 48 : nos. of contraction jouints (= $L/8.0m$) 3 = 1140 : nos. of contraction jouints (= $L/8.0m$) 3 = 1140 : nos. of contraction jouints (= $L/8.0m$) 3 = 1140 : nos. of fountaction jouints (= $L/8.0m$) 06 Geo-textile 08 Gravel filter 09 PVC pipe for weep hole 09 PVC pipe for weep hole 01 f. Driving RC pile 07 Concrete Type 4 10 f. Concrete Type 4 11.7 x 0.1 x L 12 Form, Type F1 (for concrete ditch) 13 Form, Type F2 140.18) x 60 11.888.7 sq. 11.888.7 sq. 12.322.6 sg. 13 Form, Type F2 140 Form, Type F2 140 Form, Type F2 150 Form, Type F2 150 Form, Type F2 160 for solver to the ditch) 17 K 0.18 x 60 17 K 0.18 x 60 18 Reinforcing bars | 1- 457 : nos. of weep holes (= $2 \times H \times L/4.0m2$) 2= 48 : nos. of contraction jouints (= $L/8.0m$) 3= 1140 : nos. of fourtaction jouints (= $L/8.0m$) 3= 1140 : nos. of fourtaction jouints (= $L/8.0m$) 06 Geo-textile 08 Gravel filter 09 PVC pipe for weep hole 09 PVC pipe for weep hole 013 x 0.3 x n1 $0.3 \times 0.3 \times n1$ 014 Furnishing RC pile 015 $-0.3 \times 0.3 \times 0.3 \times n1$ 014 Furnishing RC pile 03 $-0.3 \times 0.3 \times n1$ 043400 $0.3 \times 0.3 \times n1$ 05 $-0.3 \times 0.3 \times n1$ 06 $-0.3 \times 0.3 \times n1$ 07 $-0.3 \times 0.3 \times n1$ 08 $-0.5 \times n1$ 09 PVC pipe for weep hole 014 Form, Type H 15 $-0.5 \times n1$ 16 $-0.5 \times n2$ 17 Concrete Type 4 18 Concrete Type 5 19 Form, Type F1 10 $-0.5 \times 2 \times L$ 10 $-0.60 \times 2.2 \times L$ 10 | 1- 457 : nos. of weep holes (= $2 \times H \times L/4.0m2$) 2- 48 : nos. of contraction jouints (= $L/8.0m$) 3- 1140 : nos. of fourtaction jouints (= $L/8.0m$) 3- 1140 : nos. of fourtaction jouints (= $L/8.0m$) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Stravel filter $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.5 \times n1$ 01 Form, Type FI $-0.5 \times n1$ 05 Concrete Type 4 $-0.5 \times n1$ 07 Concrete Type 4 $-11.7 \times 0.1 \times L$ 08 Form, Type FI $(for joints)$ 09 Form, Type F2 $-2.489 \times 6 \times L$ 00 Form, Type F2 $-V(No.18) \times 60$ 01 Reinforcing bars $-11.07 \times n2$ 02 Form, Type F2 $-V(No.18) \times 60$ 02 Form, Type F2 $-V(No.18) \times 60$
 |
| | - 2 x H x L /4.0m2)
wints (- L / 8.0m)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x n1
-0.5 x n1
-n3 x 6.0
-n3 x 1.1
-11.7 x 0.1 x L | - 2 x H x L /4.0m2)
vuints (- L / 8.0m)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x 12
-0.5 x 2 x 12 | 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 C pipe for weep hole $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.5 \times n1$ 05 Driving RC pile $-0.5 \times n1$ 06 Schotter Type 4 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 19 Form, Type FI (for concrete ditch) $-Ac \times n2$ $-Ac \times n2$ $-Ac \times n2$
 | 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 14 Furnishing RC pile $-0.3 \times 0.3 \times n1$ 15 Driving RC pile $-0.3 \times 0.3 \times n2$ 17 Concrete Type 4 $-0.5 \times n1$ 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ 19 Form, Type FI (for concrete ditch) $-(H+0.5) \times 2 \times L$ 19 Form, Type FI (for concrete ditch) $-6.6 \times n2$

 | 1- 457 : nos. of vecep holes (= 2 x H x L /4.0m2) 2- 48 : nos. of contraction jouints (= L / 8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 Gravel filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 16 Form, Type FI (for concrete ditch) -Ac x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete ditch) -Ac x n2 20 Form, Type FI (for concrete ditch) -Ac x n2 20 Form, Type F2 -2.489 x 6 x L
 | 1- 457 : nos. of weep holes (= 2 x H x L/40m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile Discription 06 Geo-textile -0.3 x 0.3 x n1 07 C pipe for weep hole -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n2 09 PVC pipe for weep hole -0.3 x 0.3 x n1 07 S Driving RC pile -0.3 x 0.3 x n1 07 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -(H+0.5) x 2 x L 19 Form, Type F2 -2.489 x 6 x L

 | 1- 457 : nos. of weep holes (= 2 x H x L/40m2) 2- 48 : nos. of contraction jouints (= L/ 8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -(H+0.5) x 2 x L 2.285.1 sq. -2.489 x 6 x L
 | 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/ 8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 17 Concrete Type 4 -0.5 x n1 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -(H+0.5) x 2 x L 20 Form, Type F2 -2.489 x 6 x L
 | 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/ 8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 16 Form, Type F1 (for concrete ditch) -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -2.489 x 6 x L
 | 1- 457 : nos. of weep holes (= 2 x H x L /4,0m2) 2- 48 : nos. of contraction jouints (= L / 8,0m) 2- 48 : nos. of contraction jouints (= L / 8,0m) 2- 48 : nos. of contraction jouints (= L / 8,0m) 2- 48 : nos. of contraction jouints (= L / 8,0m) 2- 05 Geo-textile 06 Geo-textile -0.3 x 0.3 x n1 07 Street filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.5 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -11.7 x 0.1 x L 19 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -2.10.51 x 60
 | 1- 457 : nos. of weep holes (= 2 x H x L /4.0m2) 2- 48 : nos. of contraction jouints (= L / 8.0m) 3- 1140 : nos. of piles (= U/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= U/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 C pipe for weep hole -0.3 x 0.3 x n1 08 PVC pipe for weep hole -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n2 15 Driving RC pile -0.3 x 0.3 x n1 16 Form, Type FI (for concrete ditch) -Ac x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -Ac x L -Ac x L -11.7 x 0.1 x L 2.489 x 60 6.840.0 lin 17 Concrete Type 5 -11.7 x 0.1 x L 2.11.7 x 0.1 x L -2.489 x 60 2.11.7 x 0.1 8) x 60 -2.12.32.0 kg 2.11.8 + 0.1 10000000000000000000000000000
 | 1- 457 : nos. of weep holes (= 2 x H x L /4.0m2) 2- 48 : nos. of contraction jouints (= L / 8.0m) 3- 1140 : nos. of contraction jouints (= L / 8.0m) 3- 1140 : nos. of contraction jouints (= L / 8.0m) 3- 1140 : nos. of piles (= U/2.0 x 10.5/2.0) 06 Geo-textile 07 Coravel filter 08 Geo-textile 09 PVC pipe for weep hole 09 PVC pipe for weep hole 01 -0.3 x 0.3 x n1 07 -0.3 x 0.3 x n2 08 -0.5 x n1 09 PVC pipe for weep hole 09 -0.5 x n1 07 -0.3 x 0.3 x n2 08 -0.5 x n1 09 -0.5 x n1 00 -0.5 x n1 01 -0.5 x n2 01 -0.5 x 1 02 -0.5 x 2 x L 03 -0.18 040 -0.17 x 0 19 Form, Type F1 10 Form, Type F2 10 -0.18 x 60 10 -0.10.1 x L 10 -0.10 | 1- 457 : nos. of weep holes (= 2 x H x L /4,0m2) 2- 48 : nos. of contraction jouints (= L / 8,0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 08 Gravel filter 09 PVC pipe for weep hole 09 PVC pipe for weep hole 14 Furnishing RC pile 09 PVC pipe for weep hole 14 Furnishing RC pile 15 Driving RC pile 16 Form, Type FI (for concrete ditch) 17 Concrete Type 5 18 Concrete ditch) 17 Contract of tot joints) 18 Concrete ditch) 19 Form, Type FI (for concrete ditch) 17 Concrete ditch) 17 -443.9 228.5 -447.5 20 Form, Type FI (for concrete ditch) 17 -2.489 x 6 x L 21 -2.489 x 6 x L 21 Reinforcing bars 22 -11.7 x 0.1 x L | 1- 457 : nos. of weep holes (= Z × H × L/4,0m2) 2- 48 : nos. of ortraction jouints (= L/ 8,0m) 3- 1140 : nos. of piles (= L/2.0 × 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 × 10.5/2.0) 06 Geo-textile 05 PVC pipe for weep hole 06 Geo-textile 07 0.3 × 0.3 × n1 08 Cravel filter 09 PVC pipe for weep hole 09 PVC pipe for weep hole 01 -0.3 × 0.3 × n2 05 Driving RC pile 07 -0.3 × 0.3 × n1 08 Cravel filter 09 PVC pipe for weep hole 09 PVC pipe for weep hole 17 Concrete Type 4 -17.7 × 0.1 × L 228.5 lin 17 Concrete Type 5 17 -11.7 × 0.1 × L 18 Concrete ditch) 17 -6.43.9 × 6.0 18 Corm, Type F2 21 -2.489 × 6.1 21 -2.489 × 6.1 21 -2.489 × 6.1 21 -2.489 × 6.1
 |
| | - 2 x H x L / 4.0m2)
- 2 x H x L / 4.0m2)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.1 x 1
-0.3 x 0.1 x | - 2 x H x L / 4.0m2)
- 2 x H x L / 4.0m2)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x 2 x 2 x 2 x 2 x 2 x 2 x 2 x 2 x 2 x | 1 457 : nos. of weep holes (= $2 \times H \times L/4.0m2$) 2 457 : nos. of weep holes (= $2 \times H \times L/4.0m2$) 3= 1140 : nos. of veep holes (= $2 \times H \times L/4.0m2$) 3= 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 3= 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 06 Geo-textile 06 Geo-textile 08 Gravel filter 09 PVC pipe for weep hole 09 PVC pipe for weep hole 014 Furnishing RC pile 05 $-0.3 \times 0.3 \times 0.3 \times n1$ 07 $-0.3 \times 0.3 \times n3$ 08 Gravel filter 09 PVC pipe for weep hole 07 $-0.5 \times n1$ 08 Gravel filter 09 PVC pipe for weep hole 09 PVC pipe for weep hole 07 $-0.5 \times n1$ 08 Gravel filter 09 PVC pipe for weep hole 14 Furnishing RC pile 17 Concrete Type 4 18 Concrete Type 5 19 Form, Type F1 (for concrete ditch) -11.7 x 0.1 x L 2.47.7 s
 | 1 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2 457 : nos. of weep holes (= 2 x H x L/4.0m2) 3 1140 : nos. of weep holes (= 2.x H x L/4.0m2) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times 0.3 \times 0.1$ 07 Structure $-0.3 \times 0.3 \times 0.3 \times 0.1$ 08 Gravel filter $-0.3 \times 0.3 \times 0.3 \times 0.1$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times 0.3 \times 0.1$ 014 Furnishing RC pile $-0.3 \times 0.3 \times 0.3 \times 0.1$ 05 Driving RC pile $-0.3 \times 0.3 \times 0.3 \times 0.1$ 05 Driving RC pile $-0.3 \times 0.1 \times 0.1 \times 1$ 07 Concrete Type 4 $-11.7 \times 0.1 \times 1$ 08 Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times 1$ 07 concrete Type 5 $-11.7 \times 0.1 \times 1$

 | 2 7.226 m. Section acts of contraction jouints (= $2 \times H \times L/4.0m2$) 2 457 : nos. of veep holes (= $2 \times H \times L/4.0m2$) 3= 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 3= 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 3= 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 06 Geo-textile 06 Geo-textile 07 $0.3 \times 0.3 \times n1$ 08 Gravel filter 09
 PVC pipe for weep hole 14 Furnishing RC pile 05 Driving RC pile 15 Driving RC pile 17 Concrete Type 4 -11.7 $\times 0.1 \times L$ $2.353.0$ cu 19 Form, Type F1 (for concrete ditch) 16 $-6.5 \times n2$ 19 Form, Type F1 (for concrete ditch) -Ac $\times n2$ $-2.489 \times 6 \times L$ 2.485 $\times 6.0$ $6.840.0$ lin
 | 2 7.226 m. Section acts of contraction jouints (= $L \times 4.0$ m2) 2 457 : nos. of veep holes (= $2 \times H \times L/4.0$ m2) 3 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 3 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 3 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 06 Geo-textile 06 Geo-textile 08 Gravel filter 09 PVC pipe for weep hole 09 PVC pipe for weep hole 014 $Furnishing RC$ pile 05 $-0.3 \times 0.3 \times 0.3 \times n$ l 07 $-0.3 \times 0.3 \times 0.3 \times n$ l 08 $Cravel filter 09 PVC pipe for weep hole 09 -0.5 \times nl 09 PVC pipe for weep hole 06 -0.5 \times nl 07 -0.5 \times nl 08 -0.5 \times nl 09 PVC pipe for weep hole 16 -0.5 \times nl 17 -0.5 \times nl 17 -0.5 \times 2 \times L 17 -0.5 \times 2 \times L 18 -0.5 \times 2 \times L 17 -0.5 \times 0.5 \times L $

 | 2 7.226 m. Section act of contraction jouints (= L/8.0m) 2 457 : nos. of veep holes (= 2 x H x L/4.0m2) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 FVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 014 Furnishing RC pile $-0.3 \times 0.3 \times n1$ 05 Driving RC pile $-0.3 \times 0.3 \times n1$ 05 Driving RC pile $-0.3 \times 0.3 \times n1$ 05 Driving RC pile $-0.3 \times 0.3 \times n1$ 05 Driving RC pile $-0.3 \times 0.3 \times n1$ 05 Driving RC pile $-0.3 \times 0.3 \times n1$ 06 Scorcrete Type 4 $-11.7 \times 0.1 \times L$ 07 Concrete Type 5 $-11.7 \times 0.1 \times L$ 07 Concrete Type 5 $-11.7 \times 0.1 \times L$ 19 Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ 10 Form, Type F2 $-2.489 \times 6 \times L$
 | 2 7.200 m Section act of contraction jouints (= L / 8.0m) 3 1140 : nos. of piles (= U/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= U/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= U/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Fravel filter $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n3$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n3$ 014 Furnishing RC pile $-0.3 \times 0.3 \times n3$ 05 Driving RC pile $-0.5 \times n1$ 07 Concrete Type 4 $-0.5 \times n1$ 07 Concrete Type 5 $-11.7 \times 0.1 \times L$ 08 Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ 07 Form, Type F2 $-2.489 \times 6 \times L^2$
 | 7.7200 mL. Section area of contraction jouints (= L/8.0m) 457 : nos. of veep holes (= $2 \times H \times L/4.0m2$) 457 : nos. of contraction jouints (= L/8.0m) $3 = 1140$: nos. of fourtaction $65 = 48$: nos. of contraction jouints (= L/8.0m) $7 = 48$: nos. of fourtaction $96 = 48$: nos. of fourtaction $96 = 660$ cectextile $96 = 660$ cectextile $96 = 660$ cectextile $96 = 72.0 \times 10.5/2.0$) $96 = 72.0 \times 10.5/2.0$ $97 = 70.5 \times 11$ $96 = 72.0 \times 10.5/2.0$ $97 = 70.5 \times 11$ $97 = 70.5 \times 11$ $96 = 70.5 \times 2.0.5 \times 2.0.5 \times 2.0.5 \times 2.0.5 = 2.00.5 = 2.0.5 \times 2.0.5 $
 | 2- 7.300 mL. Section and of contraction jouints (= L/ 8,0m) 2- 457 : nos. of veep holes (= 2 x H x L/4,0m2) 3- 1140 : nos. of fourtaction jouints (= L/ 8,0m) 3- 1140 : nos. of fourtaction jouints (= L/ 8,0m) 3- 1140 : nos. of fourtaction jouints (= L/ 8,0m) 06 Geo-textile -0.3 x 0.3 x n1 07 Stravel filter -0.3 x 0.3 x n2 08 PVC pipe for weep hole -0.5 x n1 09 PVC pipe for weep hole -0.5 x n1 14 Furnishing RC pile 15 Driving RC pile 16 -0.5 x n1 17 -0.1 x L 18 Concrete Type 4 19 Form, Type F1 (for concrete ditch) 19 Form, Type F2 20 Form, Type F2 21 -2.489 x 6 x L 21 Reinforcing bars 21 Reinforcing bars
 | 2- 7.300 mL. Section and a to contract on the section is of contraction jouints (= L/ 8.0m) 2- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 3- 1140 : nos. of contraction jouints (= L/ 8.0m) 3- 1140 : nos. of contraction jouints (= L/ 8.0m) 06 Geo-textile -0.3 x 0.3 x n1 07 Strend filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.5 x n1 07 Strend filter -0.5 x n1 08 DrVC pipe for weep hole -0.5 x n1 09 FVC pipe for weep hole -0.5 x n1 14 Furnishing RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 16 Form, Type FI (for concrete ditch) -Ac x L 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 20 Form, Type FI (for concrete ditch) -Ac x L 20 Form, Type FI (for concrete ditch) -2.489 x 60 21 Reinforcing bars -2.489 x 60 21 Reinforcing bars -2.132.22.0 kg | 2 7.520 mm. Section area of contraction jouints (= L/8.0m) 2 457 : nos. of veep holes (= $2 \times H \times L/4.0m2$) 3 1140 : nos. of contraction jouints
(= $L/8.0m$) 3 1140 : nos. of fourtaction jouints (= $L/8.0m$) 3 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Stavel filter $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n2$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 14 Furnishing RC pile $-0.3 \times 0.3 \times n1$ 15 Driving RC pile $-0.3 \times 0.3 \times n2$ 16 Furnishing RC pile $-0.5 \times n1$ 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ 19 Form, Type F1 (for concrete ditch) $-Ac \times n2$ 19 Form, Type F2 $-2.489 \times 6 \times L$ 20 Form, Type F2 -7.08×60 21 Reinforcing bars -7.08×60 21 Reinforcing bars -1.0×-7 | 2 7.520 mL. Section and the objection for the objection optime (= L/30m) 2 457 : nos. of weep holes (= L/2.0 x 10.5/2.0) 3 1140 : nos. of formation jouints (= L/8.0m) 3 1140 : nos. of formation jouints (= L/8.0m) 06 Geo-textile 08 Gravel filter 09 PVC pipe for weep hole 09 PVC pipe for weep hole 017 Concrete Type 4 11.7 x 0.1 x L 228.5 lin 15 Driving RC pile 17 $-0.5 \times n1$ 18 Concrete Type 4 17 $-0.5 \times n1$ 16 Form, Type 55 17 $-11.7 \times 0.1 \times L$ 18 Concrete Type 4 19 Form, Type 55 20 Form, Type 72 21 $-11.7 \times 0.1 \times L$ 22489 x 6 x L $-11.7 \times 0.1 \times L$ 2205.1 sq. $-2.489 \times 6 \times L$ 221.7 342.6 kg $-2.489 \times 6 \times L$ 221.8 reinforcing bars $-11.7 \times 0.1 \times L$ 221.8 reinforcing bars $-2.489 \times 6 \times L$ 221.8 reinforcing bars $-16.0.12 \times n^2$ <t< td=""><td>2 7.520 mL. Section area of weep holes (= 2 x H x L/4.0m2) 2 457: nos. of weep holes (= 2 x H x L/4.0m2) 3 1140: nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 014 Furnishing RC pile $-0.3 \times 0.3 \times n1$ 05 Form, Type FI (for concrete ditch) $-0.5 \times n1$ 05 Form, Type F2 $-11.7 \times 0.1 \times L$ 20 Form, Type F2 $-2.489 \times 6 \times L$ 21 Reinforcing bars $-10.1 \times 0.1 \times L$ 22 PVC water stop $-11.7 \times 0.1 \times L$ 22 PVC water stop $-11.7 \times 0.1 \times L$</td></t<> | 2 7.520 mL. Section area of weep holes (= 2 x H x L/4.0m2) 2 457 : nos. of weep holes (= 2 x H x L/4.0m2) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 014 Furnishing RC pile $-0.3 \times 0.3 \times n1$ 05 Form, Type FI (for concrete ditch) $-0.5 \times n1$ 05 Form, Type F2 $-11.7 \times 0.1 \times L$ 20 Form, Type F2 $-2.489 \times 6 \times L$ 21 Reinforcing bars $-10.1 \times 0.1 \times L$ 22 PVC water stop $-11.7 \times 0.1 \times L$ 22 PVC water stop $-11.7 \times 0.1 \times L$ |
| | - 2 x H x L /4.0m2)
- 2 x H x L /4.0m2)
wints (= L / 8.0m)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x n1
-0.5 x n1
-0.3 x 0.3 x 0.3 x 0.3 x n1
-0.3 x 0.3 | - 2 x H x L /4.0m2)
- 2 x H x L /4.0m2)
wints (- L / 8.0m)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x 12
-0.5 x 12
-0.5 x 2 x L
-(H+0.5) x 2 x L
-(| e^{-} 9.328 m2: Section area of concrete ditch 1^{-} 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2^{-} 48 : nos. of veep holes (= L/2.0 x 10.5/2.0) 3^{-} 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3^{-} 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3^{-} 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3^{-} 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3^{-} 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n3$ 06 Geo-textile $-0.3 \times 0.3 \times n3$ 06 Francishing RC pile $-0.3 \times 0.3 \times n3$ $0.5 \times n1$ $-0.5 \times n1$ $0.5 \times n1$ $-0.5 \times n1$ 0.5×0.0 $6.840.0$ 0.7 Concrete Type 4 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 17 Concrete ditch) $-6.447.7$ sq.
 | $c =$ 9.328 m2: Section area of concrete ditch $1 457$: nos. of weep holes ($= 2 \times H \times L/4.0m2$) $2 48$: nos. of contraction jouints ($= L/8.0m$) $2 48$: nos. of piles ($= L/2.0 \times 10.5/2.0$) $3 1140$: nos. of piles ($= L/2.0 \times 10.5/2.0$) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Cravel filter $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 14 Furmishing RC pile $-0.3 \times 0.3 \times n1$ 16 Furmishing RC pile $-0.3 \times 0.3 \times n1$ 17 Concrete Type 4 $-0.5 \times n1$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ 19 Form, Type F1 (for concrete ditch) $-(H+0.5) \times 2 \times L$ $0.5 \times n2$ $-0.5 \times n2$

 | c= 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x n1 07 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 16 Form, Type F1 (for concrete ditch) -Ac x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Form, Type F1 (for concrete ditch) -Ac x n2 19 Form, Type F1 (for concrete ditch) -As x n2 2.480 x 6 x L -2.480 x 6 x L

 | c= 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L /4.0m2) 2= 48 : nos. of contraction jouints (= L / 8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 Stravel filter -0.3 x 0.3 x n1 08 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 16 Form, Type F1 (for concrete ditch) -11.7 x 0.1 x L 17 Concrete Type 4 -11.7 x 0.1 x L 20 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -2.489 x 6 x L
 | c= 9.328 m2: Section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/40m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 06 Geo-textile 06 Geo-textile
 -0.3 x 0.3 x n1 07 C pipe for weep hole -0.3 x 0.3 x n2 08 PVC pipe for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n2 15 Driving RC pile -0.5 x n1 16 Form, Type FI (for concrete ditch) -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -(H+0.5) x 2 x L 19 Form, Type F2 -2.489 x 6 x L
 | 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 48 : nos. of contraction jouints (= L/8.0m) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) Biscription Cravel filter 68.40.0 in 700 PVC pipe for weep hole 9.5 x n1 9.3 x 0.3 x n1 11.1 x 0.3 x 0.3 x n1 12.3 cu 68.40.0 in 12.3 cu 68.40.0 in 12.3 cu 68.40.0 in 12.3 cu 13.40 : nos. of piles (= L/2.0 x 10.5/2.0) 14.1.1 sq 68.40.0 in 14.1.1 sq 15.0 m, Type F1 (for concrete ditch) 10.1 + 0.1 x L 11.7 x 0.1 x L 12.380.0 cu 13.539.0 cu 14.43.9 cu 14.43.9 cu 15.60 (for joints) 16.7 so x 0.5 x 2 x L 17.887.7 sq
 | c= 9.328 m2: Section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile =0.3 x 0.3 x n1 07 Stravel filter =0.3 x 0.3 x n2 08 Gravel filter =0.3 x 0.3 x 0.3 x n1 12.3 cu =0.3 x 0.3 x n1 12.4 Furmishing RC pile =0.3 x 0.3 x 0.3 12 =0.3 x 0.3 x 0.3 09 PVC pipe for weep hole =0.3 x 0.3 x 0.3 12 =0.5 x n1 12 =0.3 x 0.3 x 0.3 13 Driving RC pile =0.3 x 0.3 x 0.3 14 Furmishing RC pile =1.7 x 0.1 x L 15 Driving RC pile =1.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) =Ac x L 20 Form, Type F2 =2.439 x 6 x L 21 Reinforcting bars =2.440.6 21 Reinforcting bars =2.439 x 6 x L
 | 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 48 : nos. of contraction jouints (= L/ 8.0m) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) Biscription Concrete filter Concrete filter PVC pipe for weep hole PVC PVC PVC PVC PVC PVC PVC PVC PVC PVC | c= 9.328 m2: Section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 06 Geo-textile 08 PVC pipe for weep hole 09 PVC pipe for weep hole 09 PVC pipe for weep hole 01 -0.3
x 0.3 x nl 02 x 0.3 x 0.3 x nl 05 PVC pipe for weep hole 06 -0.3 x 0.3 x nl 07 -0.1 x L 08 PVC pipe for weep hole 09 PVC pipe for weep hole 01 -0.5 x nl 05 0.1 x L 06 -0.5 x nl 17 Concrete Type 4 17 -11.7 x 0.1 x L 17 -443.9 cu 18 Concrete ditch) 17 -443.9 cu 18 -443.9 cu 19 Form, Type F1 10 -2.489 x 6 x L | c= 9.328 m2: Section area of concrete ditch 1= 457 : nos. of weep holes (= $2 \times H \times L/4.0m2$) 2= 48 : nos. of weep holes (= $L/2.0 \times 10.5/2.0$) 3= 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 3= 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 3= 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 06 Geo-textile 05 Fravel filter 06 Geo-textile 07 $0.3 \times 0.3 \times n1$ 08 Gravel filter 09 PVC pipe for weep hole 14 Furnishing RC pile 15 Driving RC pile 16 $-0.3 \times 0.3 \times n1$ 17 Concrete Type 4 18 Concrete Type 4 19 Form, Type F1 (for concrete ditch) 19 Form, Type F2 20 $-2.489 \times 6 \times L$ 21 Reinforcing bars 21 Reinforcing bars 21 Reinforcing bars 21 Reinforcing bars 22 P(No.18) × 60 23 P(No.18) × 60 24 P(No.18) × 60 </td <td>c= 9.328 m2: Section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of weep holes (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x 0.3 x n1 07 Concrete Type for weep hole -0.3 x 0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x 0.3 x n1 16 Form, Type F1 (for concrete ditch) -11.7 x 0.1 x L 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -6.4 × n2 19 Form, Type F2 -2.489 x 6x L 21 Seinforcing bars -16.012 x n2 22 PVC water stop -16.012 x n2</td> <td>c= 9.328 m2: Section area of concrete ditch 1= 457: nos. of weep holes (= 2 x H x L/4,0m2) 2= 48: nos. of veep holes (= L/2.0 x 10.5/2.0) 3= 1140: nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140: nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140: nos. of piles (=
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| | - 2 x H x L /4.0m2)
- 2 x H x L /4.0m2)
wints (= L / 8.0m)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.1 x 1
-0.3 x 0 | 2 x H x L /4.0m2) 2 x H x L /4.0m2) wints (= L / 8.0m) x 10.5/2.0) x 10.5/2.0) x 0.3 x 0.3 x n1 -0.3 x 0.3 x n1 -0.3 x 0.3 x n1 -0.3 x 0.3 x n1 -0.5 x | 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of piles (= U/2.0 x 10.5/2.0) Biscription O6 Geo-textile O6 Geo-textile O6 Geo-textile O7 C pipe for weep hole O5 x n1 O5 x 0.3 x 0.3 x n1 O5 x 0.0 in O7 x n1 O6 6.840.0 in O1 x 10 Concrete Type F1 (for concrete ditch) Ac x n2 At 7.7 sq.
 | 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) Discription Discription

 | 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 457 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) Discription Discription Discription Discription Discription Concrete Type 4 -0.3 x 0.3 x n1 -0.443.9 cu -0.447.7 sq. -0.447.7 sq
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line 44.3 9 cu 44.0 line 44.0 line 44.0 line 44. | 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 48 : nos. of contraction jouints (= L/ 8.0m) 48 : nos. of contraction jouints (= L/ 8.0m) 48 : nos. of contraction jouints (= L/ 8.0m) 49 : nos. of contraction jouints (= L/ 8.0m) 49 : nos. of contraction jouints (= L/ 8.0m) 44 : nos. of contraction jouints (= L/ 8.0m) 41 : nos. of protection journes (= L/ 8.0m) 41 : nos. of protection jouints (= L/ 8.0m) 41 : nos. of protection journes (= L/ 8.0m) 41 : nos. of protection journes (= L/ 8.0m) 66 : nos. of protection journes (= L/ 8.0m) 66 : nos. of protection journes (= L/ 8.0m) 70 : nos. of protection journes (= L/ 8.0m) 70 : nos. of protection journes (= L/ 8.0m) 70 : nos. of protection journes (= L/ 8.0m) 70 : nos. of protection journes (= L/ 8.0m) 70 : nos. of protection journes (= L/ 8.0m) 70 : nos. of protection journes (= L/ 8.0m) 71 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m) 72 : nos. of protection journes (= L/ 8.0m)
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| | - 2 x H x L /4.0m2)
- 2 x H x L /4.0m2)
wints (= L / 8.0m)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x n1
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-0.5 x n1
-0.5 x n1
-0.5 x n1
-0.3 x 0.3 x n1
-0.1 x 0.1 x L
-11.7 x 0.1 x L | - 2 x H x L /4.0m2)
- 2 x H x L /4.0m2)
wints (= L / 8.0m)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n2
-0.3 x 0.3 x n1
-0.5 x n2
-0.5 x 2 x L
-0.5 x 2 x 2 | z -400 m: regar or cancere channel (Lessign cresk LL, - Design cuantel oct LL) $z = -2.400$ m: regar of concrete dich $z = -357$: nos. of contraction jouints (= L/ 8.0m) $z = -48$: nos. of contraction jouints (= L/ 8.0m) $z = -48$: nos. of contraction jouints (= L/ 8.0m) $z = -48$: nos. of piles (= L/2.0 x 10.5/2.0) $z = -48$: nos. of piles (= L/2.0 x 10.5/2.0) $z = -1140$: nos. of piles (= L/2.0 x 10.5/2.0) $z = -0.3 \times 0.3 \times nl$ $z = -0.3 \times nl$ $z = -0.3 \times 0.3 \times nl$ $z = -0.3 \times 0.3 \times nl$ $z = -0.3 \times 0.3 \times nl$ $z = -0.3 \times nl$ $z = -0.3 \times 0.3 \times nl$ $z = -0.3 $
 | Z.400 m: regard of cancere channel (Lessign cresk LL, - Lessign channel) ocu LL, 457 : nos. of veep holes (= 2 x H x L/40m2) $2 = 48$: nos. of contraction jouints (= L/8.0m) $2 = 48$: nos. of contraction jouints (= L/8.0m) $3 = 1140$: nos. of piles (= L/2.0 x 10.5/2.0) $3 = 1140$: nos. of piles (= L/2.0 x 10.5/2.0) $3 = 1140$: nos. of piles (= L/2.0 x 10.5/2.0) $0.5 Geo-textile$ $0.5 Gravel filter$ $0.5 min BRC pile$ $0.5 x nl$ $0.5 x nl$ $0.5 min BRC pile$ $0.5 min BRC pile$ $0.5 min SRC pile$ $0.5 min SRC pile$ $0.5 min Type FI (for concrete ditch)$ $0.7 min Type FI (for concrete ditch)$

 | 2.400 m : regin or cancere channel (Jeshgn crest EL, - Jeshgn channel out L) $1 - 457$: nos. of veep holes (= $2 \times H \times L/4.0m2$) $2 - 48$: nos. of contraction jouints (= $L/8.0m$) $3 - 1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$) $3 - 1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$) $3 - 1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$) $3 - 1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$) $3 - 1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$) $3 - 1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$) $3 - 1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$) $3 - 1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$) $3 - 1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$)
$0 - 0.3 \times 0.3 \times 0.3 \times 0.3 \times 0.1$ $0 - 0.3 \times 0.3 \times 0.3 \times 0.1$ $0 - 0.1 \times 0.1 \times L$
 | $ 2.400 \text{ m}$: reagn or cancere channel (Jeshgn crest LL Jeshgn channel out L) $ 457$: nos. of veep holes ($ 2 \times H \times L/4.0m2$) $ 457$: nos. of contraction jouints ($ L/8.0m$) $ 48$: nos. of contraction jouints ($ L/8.0m$) $ 48$: nos. of contraction jouints ($ L/8.0m$) $ 48$: nos. of contraction jouints ($ L/8.0m$) $ 48$: nos. of piles ($ L/2.0 \times 10.5/2.0$) $ 0.3 \times 0.3 \times n1$ $ -0.3 \times 0.3 \times n1$ $ -0.3 \times 0.3 \times n2$ 0.6 Geo-textile $-0.3 \times 0.3 \times n2$ $0.7 \times n1$ $-0.3 \times 0.3 \times n2$ $0.7 \times n1$ $-0.3 \times 0.3 \times n1$ $0.7 \times n1$ $-0.3 \times 0.3 \times 0.3 \times 0.3 \times 0.3 \times 0.4$ $0.7 \times n1$ $-0.3 \times 0.3 \times 0.3 \times 0.4$ <
 | $ 2.400 \text{ m}$: reagn of canceree channel (Uesign order, LL Uesign channel out L) $1 457$: nos. of veep holes (= $2 \times H \times L/4.0m2$) $2 48$: nos. of contraction jouints (= $L/8.0m$) $2 48$: nos. of contraction jouints (= $L/8.0m$) $3 1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$) $3 1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n2$ 07 Formishing RC pile $-0.3 \times 0.3 \times n2$ 08 Formis RC pile $-0.3 \times 0.3 \times n2$ 09 PVC pipe for weep hole $-0.5 \times n1$ $0.5 \times n1$ $-0.5 \times n1$ $0.5 \times n2$ $-0.3 \times 0.3 \times n2$ $0.5
\times n1$ $-0.5 \times n1$ $0.5 \text{ PVC pipe for weep hole-0.5 \times n10.5 \text{ Concrete Type 4-11.7 \times 0.1 \times L1.7 \text{ Concrete Type 5-11.7 \times 0.1 \times L1.88.7 \text{ sq}-447.7 \text{ sq}1.7 Formi, Type F2-2.489 \times 6 \times L2.05 \text{ Formi, Type F2-2.489 \times 6 \times L$
 | $z = 2.400 \text{ m}$: regin or canceree channel (Jeshgn crest EL, - Jeshgn channel out L) $z = 9.328 \text{ m2}$: Section area of concrete dich $z = 48 \text{ mos. of contraction jouints (= L/ 8.0m)}$ $z = 48 \text{ mos. of contraction jouints (= L/ 8.0m)}$ $z = 1140 \text{ mos. of piles (= L/2.0 \times 10.5/2.0)}$ $z = 1140 \text{ mos. of piles (= L/2.0 \times 10.5/2.0)}$ $z = 0.3 \times 0.3 \times n1$ $z = 0.3 \times 0.3 \times 0.3 \times n1$ $z = 0.3 \times 0$
 | 2 457 : nos. of weep holes (= 2 x H x L/40m2) 2= 457 : nos. of weep holes (= 2 x H x L/40m2) 2= 48 : nos. of contraction jouints (= L/80m) 3= 1140 : nos. of contraction jouints (= L/80m) 3= 1140 : nos. of contraction jouints (= L/80m) 3= 1140 : nos. of contraction jouints (= L/80m) 3= 1140 : nos. of contraction jouints (= L/80m) 06 Geo-textile -0.3 x 0.3 x n1 07 Stravel filter -0.3 x 0.3 x 0.3 x n1 08 Gravel filter -0.5 x n1 09 PVC pile -0.5 x n1 14 Furnishing RC pile -0.5 x n1 15 Driving RC pile -0.5 x n1 16 Form, Type FI (for concrete ditch) -Ac x L 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete ditch) -Ac x n2 19 Form, Type FI (for concrete ditch) -Ac x n2 201 Reinforcine bars -2.489 x 60 201 Reinforcine bars -2.489 x 60 | 1- 2.400 m : regin or cancere channel (Design cresk LL - Design channel out LL)2- $457 : \text{nos. of weep holes (= 2 x H x L/40m2)}$ 2- $48 : \text{nos. of contraction jouints (= L/80m)}$ 3- $1140 : \text{nos. of contraction jouints (= L/80m)}$ 3- $1140 : \text{nos. of contraction jouints (= L/80m)}$ 3- $1140 : \text{nos. of contraction jouints (= L/30 x 10.5/2.0)}$ 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Concrete
filter $-0.3 \times 0.3 \times n1$ 08 Cravel filter $-0.3 \times 0.3 \times n3$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n3$ 14 Fumishing RC pile $-0.3 \times 0.3 \times n3$ 15 Driving RC pile $-0.5 \times n1$ 16 Concrete Type 4 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ 19 Form, Type FI (for concrete ditch) $-6.489 \times 6 \times L$ 20 Form, Type F2 $-2.489 \times 6 \times L$ 21 Reinforcing bars -7.080×60 21 Reinforcing bars -7.080×60 | 12.400 m: regin or cancrete channel (Design dresk LL - Design channel or Landon 22 457 : nos. of veep holes (= 2 x H x L/40m2)2 48 : nos. of contraction jouints (= L/80m)3 1140 : nos. of folies (= L/2.0 x 10.5/2.0)3 0.5 Geo-textile 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Discription $-0.3 \times 0.3 \times n1$ 08 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 14 Furnishing RC pile $-0.5 \times n1$ 15 Driving RC pile
$-0.5 \times n1$ 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 18 Concrete Type 5 $-11.7 \times 0.1 \times L$ 20 Form, Type FI (for concrete ditch) $-Ac \times n2$ 20 Form, Type F2 $-2.489 \times 6 \times L$ 21 Reinforcing bars $-2.489 \times 6 \times L$ 21 Reinforcing bars $-2.0480 \times 6 \times L$ | 2^{-400} m: regin or cancrete channel (Design cresk LL - Design channel out LL) $1 - 457$: nos. of veep holes (= 2 x H x L/40m2) 2^{-40} m: Section area of contraction jouints (= L/80m) 2^{-48} : nos. of contraction jouints (= L/80m) 3^{-1} 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.5 Geo-textile 0.6 Geo-textile 0.6 Geo-textile 0.7 VC pipe for weep hole 0.7 So $0.3 \times 0.3 \times 0.1$ 0.6 Geo-textile $0.7 \times 0.3 \times 0.3 \times 0.3 \times 0.1$ $0.7 \times 0.0 $ Filter $0.7 \times 0.1 $ $0.1 \times 0.1 \times 0.1 $ $0.1 \times 0.1 \times 0.1 \times 0.1 \times 0.1 $ $0.1 \times 0.1 \times $
 | -2.400 m: rregn of cancere channel (Jesign cresk LL - Jesign channel of -2.33 m2: Section area of concrete dich -457 : nos. of weep holes ($-2.3 \times H \times L/4.0m2$) -48 : nos. of veep holes ($-2.7 \times 10.5/2.0$) -3.38 m2: Section area of concrete dich -48 : nos. of veep holes ($-1/2.0 \times 10.5/2.0$) $-0.3 \times 0.3 \times nl$ $0.3 Form, Type F1 (for concrete ditch) -11.7 \times 0.1 \times L -2.489 \times 6 \times L -11.7 \times 0.1 \times L -2.489 \times 6 \times L -11.7 \times 0.1 \times L -11.7 \times 0.$ | -2.400 m : regin or cancere channel (Jesign cresk LL - Jesign channel or L40 m2) $-457 : \text{ nos. of weep holes (= 2 x H x L/40 m2)}$ $-457 : \text{ nos. of weep holes (= 2 x H x L/40 m2)}$ $-48 : \text{ nos. of contraction jouints (= L/80 m)}$ $-48 : \text{ nos. of piles (= J/20 x 10.5/20)}$ $-60.3 \times 0.3 \times n1$ $-0.3 \times 0.3 \times n1$ $-0.5 \times n2$ |
| | channel (Design crest EL Design channel bed E crete ditch 2 x H x L /4.0m2) 2 x H x L /4.0m2) 2 x H x L /4.0m2) 2 x N L /4.0m2) 2 x N L /4.0m2) 2 x H x L /4.0m3) 2 x H x H /4.0m3) | channel (Design crest EL Design channel bed EL
crete ditch
- 2 x H x L /4.0m2)
auints (= L / 8.0m)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x 0.3 x 0.3 x n1
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-0.5 x n1
-0.5 x 0.2 x 0.3 x n1
-0.5 x 0.2 x 0.2 x 0.2 x n1
-0.5 x 0.2 x | I- 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) e= 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/40m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 Correct filter -0.3 x 0.3 x n1 08 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 16 Form, Type F1 (for concrete ditch) -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete ditch) -Ac x n2 19 Form, Type F1 (for concrete ditch) -Ac x n2
 | H-2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) $-$ 9.328 m2: Section area of concrete ditch $-$ 457 : nos. of weep holes (= 2 x H x L/4.0m2) $-$ 48 : nos. of contraction jouints (= L/8.0m) $-$ 48 : nos. of piles (= U2.0 x 10.5/2.0) $ -$ <

 | H-2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) e^{-} 9.328 m2: Section area of concrete ditch $1 457$: nos. of weep holes ($= 2 \times H \times L/4.0m2$) $2 48$: nos. of contraction jouints ($= L/8.0m$) $2 48$: nos. of contraction jouints ($= L/8.0m$) $2 48$: nos. of contraction jouints ($= L/8.0m$) $2 48$: nos. of contraction jouints ($= L/8.0m$) $2 48$: nos. of piles ($= L/2.0 \times 10.5/2.0$) $2 48$: nos. of piles ($= L/2.0 \times 10.5/2.0$) $3 1140$: nos. of piles ($= L/2.0 \times 10.5/2.0$) $3 1140$: nos. of piles ($= L/2.0 \times 10.5/2.0$) $3 1140$: nos. of piles ($= L/2.0 \times 10.5/2.0$) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Geo-textile $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 08 Gravel filter $-0.3 \times 0.3 \times n1$ 08 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 07 Forming RC pile $-0.5 \times n1$ 08 Concrete Type 4 $-11.7 \times 0.1 \times L$ 08 Concrete Type 5 $-(H+0.5) \times 2 \times L$ 08 Forming Type FI (for concrete ditch) $-A6 \times n2$ 08 Forming Type FI (for for pile)
$-2.489 \times 6 \times L$ 08 Forming Type FI (for for pile) $-2.489 \times 6 \times L$
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 | I- 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 05 Geo-textile 06 Geo-textile 08 Oravel filter 09 PVC pipe for weep hole 01 -0.3 x 0.3 x nl 05 Driving RC pile 07 -0.3 x 0.3 x nl 08 Driving RC pile 09 PVC pipe for weep hole 01 -0.3 x 0.3 x nl 02 50 03 70.1 x L 04 -1.7 x 0.1 x L 17 Concrete Type 4 17 -11.7 x 0.1 x L 18 Concrete ditch) 19 Form, Type F2 10 -2.489 x 6 x L 10 -2.489 x 6 x L 10 -2.489 x 6 x L
 | H-2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) $e=$ 9.328 m2: Section area of concrete ditch $1 457$: nos. of weep holes ($= 2 \times H \times L/4.0m2$) $2 48$: nos. of contraction jouints ($= L/8.0m$) $2 48$: nos. of contraction jouints ($= L/8.0m$) $2 48$: nos. of contraction jouints ($= L/3.0m$) $2 48$: nos. of piles ($-L/2.0 \times 10.5/2.0$) $2 48$: nos. of piles ($-L/2.0 \times 10.5/2.0$) $2 48$: nos. of piles ($-L/2.0 \times 10.5/2.0$) $2 72$ $3 1140$: nos. of piles ($-L/2.0 \times 10.5/2.0$) $2 73 \times 0.3 \times n1$ $2 71.40$ $3 73.73$ 20 $70.3 \times 0.3 \times n1$ 20.5 revind $-0.3 \times 0.3 \times n3$ $20.5 \text{ reving RC pile}$ $-0.3 \times 0.3 \times n1$ $20.5 \text{ reving RC pile}$ -0.3×6.0 3.5390 cu $-0.5 \times n1$ $2.5 \text{ reving RC pile}$ $-0.5 \times n1$ $2.6 \text{ reving RC pile}$ $-0.5 \times n1$ $2.7 \text{ reving RC pile}$ $-0.5 \times n1$ $3.5 \text{ reving RC pile}$ $-0.5 \times n2$ $3.7 \text{ reving RC pile}$ $-0.5 \times n2$ $3.7 reving RC pile$ $-0.5 \times n2$ $3.7 \text{ reving RC pile$ -0.5×2.1 $3.7 \text{ reving RC pile$ $-11.7 \times 0.1 \times L$ $3.7 \text{ reving RC pile$ $-11.7 \times 0.1 \times L$ $3.7 \text{ reving RC pile$ $-11.7 \times 0.1 \times L$ $3.7 \text{ reving RC pile$ $-11.7 \times 0.1 \times L$ $3.7 \text{ reving RC pile$ $-11.7 \times 0.1 \times L$ $3.7 \text{ reving RC pile$ <td>H-2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)$=$9.328 m2: Section area of concrete ditch$=$457 : nos. of weep holes (= 2 x H x L/4.0m2)$2=$48 : nos. of contraction jouints (= L/8.0m)$3=$1140 : nos. of piles (= L/2.0 x 10.5/2.0)$3=$1140 : nos. of piles (= L/2.0 x 10.5/2.0)06 Geo-textile06 Geo-textile06 Geo-textile06 Geo-textile06 Geo-textile06 Geo-textile06 Geo-textile06 Geo-textile06 Geo-textile07 VC pipe for weep hole07 Numishing RC pile08 Gravel filter09 PVC pipe for weep hole06 Stravel filter06 Stravel filter06 Stravel filter06 Stravel filter06 Stravel filter06 Geo-textile06 Stravel filter06 Stravel filter08 Stravel filter08 Stravel filter09 PVC pipe for weep hole08 Stravel filter08 Stravel filter09 Stravel filter000 Stravel filter06 Stravel filter06 Stravel filter08 Stravel filter08 Stravel filter08 Stra</td> <td>H-2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)$-$9.328 m2: Section area of concrete ditch$-$457 : nos. of weep holes (= 2 x H x L/4.0m2)$2-$48 : nos. of contraction jouints (= L/8.0m)$2-$48 : nos. of contraction jouints (= L/8.0m)$2 3-$1140 : nos. of piles (= U/2.0 x 10.5/2.0)$3-$1140 : nos. of piles (= U/2.0 x 10.5/2.0)$3-$1140 : nos. of piles (= U/2.0 x 10.5/2.0)06 Geo-textile$-0.3 \times 0.3 \times n1$$06$ Geo-textile$-0.3 \times 0.3 \times n2$$07$ Concrete Type for weep hole$-0.3 \times 0.3 \times n2$$07$ Concrete Type 4$-0.3 \times 0.3 \times n1$$17$ Concrete Type 4$-11.7 \times 0.1 \times L$$17$ Concrete Type 5$-11.7 \times 0.1 \times L$$17$ Concrete Type 5$-11.7 \times 0.1 \times L$$2.06$ Form, Type FI (for concrete ditch)$-K \times n2$$2.08 \times 6.0$$-2.489 \times 6 \times L$$2.08 \times 6.0$$212.342.0 kg$</td> <td>H-2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)$e = 9.328$ m2: Section area of concrete ditch$1 = 457$: nos. of weep holes ($= 2 \times H \times L/4.0m2$)$2 = 48$: nos. of verep holes ($= 2 \times H \times L/4.0m2$)$2 = 48$: nos. of contraction jouints ($= L/8.0m$)$3 = 1140$: nos. of piles ($= L/2.0 \times 10.5/2.0$)06 Geo-textile06 Geo-textile06 Geo-textile06 Geo-textile07 Concrete Type for weep hole$0.3 \times 0.3 \times n1$$0.5 \times n2$$0.5 \times n2$<!--</td--><td>H- 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of weep holes (= 2 x M x L/4.0m2) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.5 Geo-textile -0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x n1 07 Stavel filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Frumishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 16 Frumishing RC pile -0.3 x 0.3 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -6.4 × n2 10 Form, Type F2 -2.489 × 6.4 L 20 Form, Type F2 -2.489 × 6.4 L 21 Reinforcing bars -10.018 × 60 22 PVC water stop -11.7 × 0.1 × L 22 A89 × 6.4 L -11.7 × 0.1 × L 20 Form, Type F2 -2.489 × 6.4 L <td>Her2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL)$=$9.328 m2: Section area of concrete ditch$=$457 : nos. of weep holes (= 2 x H x L/4.0m2)$2=$48 : nos. of contraction jouints (= L/8.0m)$3=$1140 : nos. of points (= L/2.0 x 10.5/2.0)06 Geo-textile$-0.3 \times 0.3 \times n1$$06$ Geo-textile$-0.3 \times 0.3 \times n1$$06$ Geo-textile$-0.3 \times 0.3 \times n3$$08$ Cravel filter$-0.3 \times 0.3 \times n3$$09$ PVC pipe for weep hole$-0.3 \times 0.3 \times n3$$07$ Concrete Type 4$-0.5 \times n1$$07$ Concrete Type 4$-11.7 \times 0.1 \times L$$17$ Concrete Type 4$-11.7 \times 0.1 \times L$$17$ Concrete Type 5$-4.80.0 \ln$$17$ Concrete Type 5$-4.80.0 \ln$$17$ Concrete Type 5$-4.80 \times n2$$20$ Form, Type F2$-2.489 \times 6 \times L$$21.738 \times 60$$212.342.6 \log 10.2 \times 12$$228.6 \ln 10.2 \times n2$$-16.012 \times n2$$208.6 \ln 10.2 \times n2$$-16.012 \times n2$$208.6 \ln 10.2 \times n2$$-16.012 \times n2$</td></td></td> | H-2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) $=$ 9.328 m2: Section area of concrete ditch $=$ 457 : nos. of weep holes (= 2 x H x L/4.0m2) $2=$ 48 : nos. of contraction jouints (= L/8.0m) $3=$ 1140 : nos. of piles (= L/2.0 x 10.5/2.0) $3=$ 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 07 VC pipe for weep hole 07 Numishing RC pile 08 Gravel filter 09 PVC pipe for weep hole 06 Stravel filter 06 Geo-textile 06 Stravel filter 08 Stravel filter 08 Stravel filter 09 PVC pipe for weep hole 08 Stravel filter 08 Stravel filter 09 Stravel filter 000 Stravel filter 06 Stravel filter 06 Stravel filter 08 Stravel filter 08 Stravel filter 08 Stra
 | H-2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) $-$ 9.328 m2: Section area of concrete ditch $-$ 457 : nos. of weep holes (= 2 x H x L/4.0m2) $2-$ 48 : nos. of contraction jouints (= L/8.0m) $2-$ 48 : nos. of contraction jouints (= L/8.0m) $2 3-$ 1140 : nos. of piles (= U/2.0 x 10.5/2.0) $3-$ 1140 : nos. of piles (= U/2.0 x 10.5/2.0) $3-$ 1140 : nos. of piles (= U/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n2$ 07 Concrete Type for weep hole $-0.3 \times 0.3 \times n2$ 07 Concrete Type 4 $-0.3 \times 0.3 \times n1$ 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 2.06 Form, Type FI (for concrete ditch) $-K \times n2$ 2.08×6.0 $-2.489 \times 6 \times L$ 2.08×6.0 $212.342.0 kg$
 | H-2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) $e = 9.328$ m2: Section area of concrete ditch $1 = 457$: nos. of weep holes ($= 2 \times H \times L/4.0m2$) $2 = 48$: nos. of verep holes ($= 2 \times H \times L/4.0m2$) $2 = 48$: nos. of contraction jouints ($= L/8.0m$) $3 = 1140$: nos. of piles ($= L/2.0 \times 10.5/2.0$) 06 Geo-textile 06 Geo-textile 06 Geo-textile 06 Geo-textile 07 Concrete Type for weep hole $0.3 \times 0.3 \times n1$ $0.5 \times n2$ </td <td>H- 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of weep holes (= 2 x M x L/4.0m2) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.5 Geo-textile -0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x n1 07 Stavel filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Frumishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 16 Frumishing RC pile -0.3 x 0.3 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -6.4 × n2 10 Form, Type F2 -2.489 × 6.4 L 20 Form, Type F2 -2.489 × 6.4 L 21 Reinforcing bars -10.018 × 60 22 PVC water stop -11.7 × 0.1 × L 22 A89 × 6.4 L -11.7 × 0.1 × L 20 Form, Type F2 -2.489 × 6.4 L <td>Her2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL)$=$9.328 m2: Section area of concrete ditch$=$457 : nos. of weep holes (= 2 x H x L/4.0m2)$2=$48 : nos. of contraction jouints (= L/8.0m)$3=$1140 : nos. of points (= L/2.0 x 10.5/2.0)06 Geo-textile$-0.3 \times 0.3 \times n1$$06$ Geo-textile$-0.3 \times 0.3 \times n1$$06$ Geo-textile$-0.3 \times 0.3 \times n3$$08$ Cravel filter$-0.3 \times 0.3 \times n3$$09$ PVC pipe for weep hole$-0.3 \times 0.3 \times n3$$07$ Concrete Type 4$-0.5 \times n1$$07$ Concrete Type 4$-11.7 \times 0.1 \times L$$17$ Concrete Type 4$-11.7 \times 0.1 \times L$$17$ Concrete Type 5$-4.80.0 \ln$$17$ Concrete Type 5$-4.80.0 \ln$$17$ Concrete Type 5$-4.80 \times n2$$20$ Form, Type F2$-2.489 \times 6 \times L$$21.738 \times 60$$212.342.6 \log 10.2 \times 12$$228.6 \ln 10.2 \times n2$$-16.012 \times n2$$208.6 \ln 10.2 \times n2$$-16.012 \times n2$$208.6 \ln 10.2 \times n2$$-16.012 \times n2$</td></td> | H- 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of weep holes (= 2 x M x L/4.0m2) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.5 Geo-textile -0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x n1 07 Stavel filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Frumishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 16 Frumishing RC pile -0.3 x 0.3 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch)
 -6.4 × n2 10 Form, Type F2 -2.489 × 6.4 L 20 Form, Type F2 -2.489 × 6.4 L 21 Reinforcing bars -10.018 × 60 22 PVC water stop -11.7 × 0.1 × L 22 A89 × 6.4 L -11.7 × 0.1 × L 20 Form, Type F2 -2.489 × 6.4 L <td>Her2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL)$=$9.328 m2: Section area of concrete ditch$=$457 : nos. of weep holes (= 2 x H x L/4.0m2)$2=$48 : nos. of contraction jouints (= L/8.0m)$3=$1140 : nos. of points (= L/2.0 x 10.5/2.0)06 Geo-textile$-0.3 \times 0.3 \times n1$$06$ Geo-textile$-0.3 \times 0.3 \times n1$$06$ Geo-textile$-0.3 \times 0.3 \times n3$$08$ Cravel filter$-0.3 \times 0.3 \times n3$$09$ PVC pipe for weep hole$-0.3 \times 0.3 \times n3$$07$ Concrete Type 4$-0.5 \times n1$$07$ Concrete Type 4$-11.7 \times 0.1 \times L$$17$ Concrete Type 4$-11.7 \times 0.1 \times L$$17$ Concrete Type 5$-4.80.0 \ln$$17$ Concrete Type 5$-4.80.0 \ln$$17$ Concrete Type 5$-4.80 \times n2$$20$ Form, Type F2$-2.489 \times 6 \times L$$21.738 \times 60$$212.342.6 \log 10.2 \times 12$$228.6 \ln 10.2 \times n2$$-16.012 \times n2$$208.6 \ln 10.2 \times n2$$-16.012 \times n2$$208.6 \ln 10.2 \times n2$$-16.012 \times n2$</td> | Her2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) $=$ 9.328 m2: Section area of concrete ditch $=$ 457 : nos. of weep holes (= 2 x H x L/4.0m2) $2=$ 48 : nos. of contraction jouints (= L/8.0m) $3=$ 1140 : nos. of points (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n3$ 08 Cravel filter $-0.3 \times 0.3 \times n3$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n3$ 07 Concrete Type 4 $-0.5 \times n1$ 07 Concrete Type 4 $-11.7 \times 0.1 \times L$ 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-4.80.0 \ln$ 17 Concrete Type 5 $-4.80.0 \ln$ 17 Concrete Type 5 $-4.80 \times n2$ 20 Form, Type F2 $-2.489 \times 6 \times L$ 21.738×60 $212.342.6 \log 10.2 \times 12$ $228.6 \ln 10.2 \times n2$ $-16.012 \times n2$ $208.6 \ln 10.2 \times n2$ $-16.012 \times n2$ $208.6 \ln 10.2 \times n2$ $-16.012 \times n2$ |
| | channel (Design crest EL Design channel bed E
erete ditch
- 2 x H x L/4.0m2)
wints (= L/ 8.0m)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x 0.1 x L | channel (Design crest EL Design channel bed EL
(crete ditch
- 2 x H x L/4.0m2)
wints (- L/ 8.0m)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x x 12
-0.5 x n2
-0.5 x n1
-0.5 x n1
-0.5 x n1
-0.5 x n1
-0.5 x 0.5 x n1
-0.5 x 0.5 x n2
-0.5 x n1
-0.5 x 2 x 2 x 0.5 x | H-2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) e^{-} 9.328 m2: Section area of concrete ditch e^{-} 9.328 m2: Section area of concrete ditch $1 457$: nos. of weep holes ($= 2 \times H \times L/4.0m2$) $2 48$: nos. of contraction jouints ($-L/8.0m$) $2 48$: nos. of contraction jouints ($-L/8.0m$) $2 48$: nos. of contraction jouints ($-L/8.0m$) $2 48$: nos. of contraction jouints ($-L/8.0m$) $2 48$: nos. of contraction jouints ($-L/8.0m$) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Concrete filter $-0.3 \times 0.3 \times n1$ 08 Cravel filter $-0.3 \times 0.3 \times n1$ 09 PVC pipe for weep hole $-0.5 \times n1$ $0.5 \times n1$ $-0.5 \times 2 \times L$ $1.7 \times 0.1 \times L$ $2.205.1 \sin - 2.205.1 \sin $
 | H- 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= Z X H X L/4.0m2) 2- 48 : nos. of contraction jouints (= L/ 8.0m) 2= 48 : nos. of contraction jouints (= L/ 8.0m) 2= 48 : nos. of contraction jouints (= L/ 8.0m) 2= 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile =0.3 x 0.3 x n1 07 pipe for weep hole =0.3 x 0.3 x n1 08 PVC pipe for weep hole =0.3 x 0.3 x n1 09 PVC pipe for weep hole =0.3 x 0.3 x n1 14 Furnishing RC pile =0.3 x 0.3 x n1 05 Driving RC pile =0.3 x 0.3 x n1 15 Driving RC pile =0.3 x 0.3 x n1 16 Form, Type FI (for concrete ditch) =Ac x L 17 Concrete Type S =11.7 x 0.1 x L 17 Concrete Type S =11.7 x 0.1 x L 17 Concrete Type S =43.9 cu 18 Form, Type FI (for concrete ditch) =Ac x L 19 Form, Type FI (for joints) =Ac x L 2.0.1 x x 0.2 x L 2.0.1 x 1.5 x 0.1 x L

 | H- 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) e- 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= U2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= U2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x
n1 16 Form, Type FI (for concrete ditch) -Ac x L 17 Concrete Type S -11.7 x 0.1 x L 07 Form, Type FI (for concrete ditch) -Ac x n2 20 Form, Type FI (for concrete ditch) -Ac x n2 20 Form, Type F2 -2.489 x 6 x L
 | H- 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 Concrete filter -0.3 x 0.3 x n1 08 PVC pipe for weep hole -0.5 x n1 09 PVC pipe for weep hole -0.5 x n1 05 Scontere Type 4 -11.7 x 0.1 x L 13 Concrete Type 4 -11.7 x 0.1 x L 14 Form, Type FI (for concrete ditch) -Ac x L 15 Form, Type FI (for concrete ditch) -2.489 x 6 x L

 | 1- 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (= 2.2.0 x 10.5/2.0) 06 Geo-textile 0.3 x 0.3 x n1 07 Stavel filter -0.3 x 0.3 x n1 08 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.5 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete ditch) -(H+0.5) x 2 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Form, Type FI (for concrete ditch) -6.430 x 6.0 17 Concrete Type 4 -11.7 x 0.1 x L 228.5 Form, Type F2 -2.489 x 6 x L
 | H- 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (= 2.02.0 x 10.5/2.0) 06 Geo-textile 0.3 x 0.3 x n1 07 PVC pipe for weep hole -0.3 x 0.3 x n1 08 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete ditch) -(H+0.5) x 2 x L 19 Form, Type FI (for concrete ditch) -Ac x L 20 Form, Type F2 -2.489 x 6 x L
 | H- 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) - 9.328 m2: Section area of concrete ditch - 457 : nos. of veep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 2- 1140 : nos. of piles (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 2- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 05 60 coortextile 06 70 : nos. of piles (= L/2.0 x 10.5/2.0) 06 70 : nos. of piles (= L/2.0 x 10.5/2.0) 07 70 : nos. of piles (= L/2.0 x 10.5/2.0) 08 70 : nos. of piles (= L/2.0 x 10.5/2.0) 09 70 : nos. of piles (= L/2.0 x 10.5/2.0) 06 60 : coortextile 06 60 : coortextile 07 : nos. of piles (= L/2.0 x 10.5/2.0) -0.3 x 0.3 x n1 14 Furnishing RC pile 08 PVC pipe for weep hole 09 PVC pipe for weep hole 17 Concrete Type 4 18 Form, Type FI (for concrete ditch) 19 Form, Type F2 20 -0.17, x 0.1 x L 2.489 x 60 60
 | H- 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) - 9.328 m2: Section area of concrete ditch 2- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 07 06 08 Gravel filter 09 PVC pipe for weep hole 14 Furnishing RC pile 15 Driving RC pile 16 Furnishing RC pile 17 Concrete Type 4 17 Concrete Type 4 17 Concrete Type 5 18 Concrete ditch) 17 Concrete Type 5 18 Concrete ditch) 19 Form, Type F1 (for concrete ditch) 19 Form, Type F2 21 -2.489 x 6 x L 21 -2.489 x 6 x L 21 Reinforcing bars
 | H- 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) - 9.328 m2: Section area of concrete ditch - 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 05 Gravel filter 06 Geo-textile 07.3 x 0.3 x 0.3 x n1 41.1 sq. 08 Gravel filter 09 PVC pipe for weep hole 14 Furnishing RC pile 07.5 0.3 x 0.3 x n1 16 Furnishing RC pile 17 Concrete Type 4 17 Concrete Type 4 17 Concrete Type 5 18 Concrete Type 5 19 Form, Type F1 (for concrete ditch) 18 Form, Type F2 20 2.489 x 6x L 20 2.489 x 6x L 20 2.489 x 6x L 20 6.00 m18 x 60 20
 | H- 2.406 m : Height of carcrete channel (Design crest EL - Design channel bed EL) -532 m2: Section area of concrete ditch -548 : nos. of piles (= L/2.0 x 10.5/2.0) -53 1140 : nos. of piles (= L/2.0 x 10.5/2.0) -548 : nos. of piles (= L/2.0 x 10.5/2.0) -55 -0.3 x 0.3 x n1 -603 x 0.3 x n1 -1.1 sq -613 x 0.3 x n1 -2.3 contraction in the second ender of | H- 2.406 m : Height of cancete channel (Design crest EL - Design channel bed EL) - 457 : nos. of weep holes (= Z x H x L/4.0m2) 2. 48 : nos. of contraction jouints (= L/8.0m) 2. - 48 : nos. of contraction jouints (= L/8.0m) 2. - 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3. 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3. Discription -0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x n1 07 : nos. of piles (= L/2.0 x 10.5/2.0) Quantity 1140 : nos. of piles (= L/2.0 x 10.5/2.0) Quantity 06 Geo-textile -0.3 x 0.3 x n1 41.1 sq. 07 : nos. of piles (= L/2.0 x 10.5/2.0) 2.3 3.0.3 x n1 08 Gravel filter -0.3 x 0.3 x 0.3 x n1 2.1.3 sq. 09 PVC pipe for weep hole -0.5 x n1 2.2.35 lin 09 PVC pipe for weep hole -0.5 x 0.3 x 0.3 x n1 2.2.35 lin 14 Form, Type F1 (for concrete ditch) -0.5 x 0.1 x L 2.43.9 cu 15 Form, Type F1 (for concrete ditch) -4.4.0 5 x 2 x L 2.44.7 sq. | H- 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) -57 :nos. of veep holes (= 2 x H x L/4.0m2) 2- 457 :nos. of contraction jouints (= L/8.0m) 2- 48 :nos. of contraction jouints (= L/8.0m) 2- 48 :nos. of piles (= 1/2.0 x 10.5/2.0) 3- 1140 :nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x n1 07 :noss of piles (= L/2.0 x 10.5/2.0) Quantity 07 :noss of piles (= L/2.0 x 10.5/2.0) Quantity 08 Gravel filter -0.3 x 0.3 x n1 21.1 sq. 08 Gravel filter -0.3 x 0.3 x n1 238.5 lin 09 PVC pipe for weep hole -0.3 x 0.3 x n1 228.5 lin 16 Frumishing RC pile -0.3 x 0.3 x n1 238.5 lin 17 Concrete Type 4 -11.7 x 0.1 x L 243.9 cu 17 Concrete Type 4 -11.7 x 0.1 x L 2.43.9 cu 18 Concrete Type 4 -11.7 x 0.1 x L 2.43.9 cu 19 Form, Type F1 (for joints) |
| | vert (CM02+10.8 - CM03+18.0)
channel (Design crest EL Design channel bed E
crete ditch
- 2 x H x L /4.0m2)
wints (- L / 8.0m)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x n1 | vert (CM02+10.8 - CM02+18.0)
channel (Design crest EL Design channel bed EL
(crete ditch
- 2 x H x L/4.0m2)
vuints (= L/ 8.0m)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x 0.3 x 0.3 x n1
-0.5 x n1
-0.5 x n1
-0.5 x n1
-0.5 x 0.2 x 0.2 x n2
-0.5 x n1
-0.5 x n1
-0.5 x n1
-0.5 x 12
-0.5 x 0.5 x 0.5 x 0.5 x 12
-0.5 x 0.1 x 12
-0.5 x 0.1 x 12
-0.5 x 2 | L_{-} 379.4 m : Length of open curvert (CM02+10.8 - CM002+18.0) H_{-} 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) L_{-} 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) L_{-} $457 : \text{nos. of weep holes (= 2 \times \text{H} \times L/4.0\text{m2})2_{-}48 : \text{nos. of contraction jouints (= L/8.0\text{m})2_{-}48 : \text{nos. of contraction jouints (= L/8.0\text{m})2_{-}48 : \text{nos. of piles (= L/2.0 \times 10.5/2.0)3_{-}1140 : \text{nos. of piles (= L/2.0 \times 10.5/2.0)06 \text{ Geo-textile}-0.3 \times 0.3 \times n106 \text{ Geo-textile}-0.3 \times 0.3 \times n106 \text{ Geo-textile}-0.3 \times 0.3 \times n106 \text{ Geo-textile}-0.3 \times 0.3 \times n107 \text{ Concrete Type 4-11.7 \times 0.1 \times L16 \text{ Furnishing RC pile-3.5 \times 6.006 \text{ Cortexter Type 4-11.7 \times 0.1 \times L16 \text{ Form, Type F1 (for concrete ditch)}-Ac \times n2447.7 sq.$
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 | 379.4 m : Length of open cutvert (CM02+10.8 - CM02+18.0) 1- 2.406 m : Height of cancete channel (Design crest EL - Design channel bed EL) 2- 9.328 m2: Section area of concrete dich 457 : nos. of weep holes (= 2 x H x L/4.0m2) 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L / 8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 0.3 x 0.3 x n1 0.4 Geo-textile -0.3 x 0.3 x n1 0.5 Geo-textile -0.3 x 0.3 x n1 0.6 Geo-textile -0.3 x 0.3 x n1 0.7 Fruncishing RC pile -0.3 x 0.3 x n1 0.8 Fruncishing RC pile -0.3 x 0.3 x n1 0.1 Fruncishing RC pile -0.3 x 0.3 x n1 0.5 From, Type F1 (for concrete ditch) -6.0 K 4.0 lin 17 Concrete Type S -11.7 x 0.1 x L 2.447.7 Sq. (for joints) 2.2 489 x 6 x L 2.12.342.6 kg
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 | 379.4 m : Length of open cutvert (CM02+10.8 - CM02+18.0) 1 2.406 m : Height of cancete channel (Design crest EL - Design channel bed EL) 457 : nos. of weep holes (= $2 \times H \times L/4.0m2$) 2 48 : nos. of contraction jouints (= $L/8.0m$) 2 48 : nos. of piles (= $1/2.0 \times 10.5/2.0$) 3 1140 : nos. of piles (= $1/2.0 \times 10.5/2.0$) 3 1140 : nos. of piles (= $1/2.0 \times 10.5/2.0$) 06 Geo-textile 07 $60.3 \times 0.3 \times 0.3 \times n1$ 08 Gravel filter 09 PVC pipe for weep hole 16 Furnishing RC pile 17 $-0.3 \times 0.3 \times 0.3 \times n1$ 18 $-0.5 \times n1$ 05 Form, Type F1 (for concrete ditch) 17 $-11.7 \times 0.1 \times L$ 17 -43.9 (or 17 $-6.5 \times n2$ 08 Form, Type F1 (for concrete ditch) 17 $-6.5 \times n2$ 17 -7.89×6.5 17 -7.89×6.5 17 -7.89×6.5 16 Form, Type F1 (for concrete ditch) 17 $-2.48 \times n2$ 18 $-6.5 \times n2$ | $1 379.4 \text{ m}$: Length of concrete channel (Design crest EL Design channel bed EL) $1 2.406 \text{ m}$: Height of concrete channel (Design crest EL Design channel bed EL) $-5328 \text{ m}2$: Section area of concrete dich $457 : \text{nos. of weep holes (= 2 \times H \times L/4.0\text{m}2)}2 48 : \text{nos. of contraction jouints (= L/8.0\text{m})}2 48 : \text{nos. of piles (= L/2.0 \times 10.5/2.0)}2 48 : \text{nos. of piles (= L/2.0 \times 10.5/2.0)}2 48 : \text{nos. of piles (= L/2.0 \times 10.5/2.0)}2 48 : \text{nos. of piles (= L/2.0 \times 10.5/2.0)}06Geo-textile06Geo-textile06Geo-textile07 \text{ VC} pipe for weep hole0.5 \times 0.3 \times 0.3 \times n10.6-0.3 \times 0.3 \times n10.7 \times 10.5 \times 10$ | 379.4 m : Length of cancrete channel (Design crest EL Design channel bed EL) -2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) -457 : nos. of weep holes ($-2 \times H \times L/4.0m2$) -457 : nos. of weep holes ($-2 \times H \times L/4.0m2$) -457 : nos. of contraction jouints ($-L/2.0 \times 10.5/2.0$) -48 : nos. of contraction jouints ($-L/2.0 \times 10.5/2.0$) -48 : nos. of contraction jouints ($-L/2.0 \times 10.5/2.0$) -48 : nos. of piles ($-L/2.0 \times 10.5/2.0$) -48 : nos. of piles ($-L/2.0 \times 10.5/2.0$) -48 : nos. of piles ($-L/2.0 \times 10.5/2.0$) -48 : nos. of piles ($-L/2.0 \times 10.5/2.0$) -48 : nos. of piles ($-L/2.0 \times 10.5/2.0$) -48 : nos. of piles ($-L/2.0 \times 10.5/2.0$) -48 : nos. of piles ($-L/2.0 \times 10.5/2.0$) -48 : nos. of piles ($-L/2.0 \times 10.5/2.0$) $-11.7 \times 0.1 \times L$ $-2.3 \times 0.3 \times n1$ $-2.5 \times n1$ $-0.3 \times 0.3 \times n1$ |
| | vert (CM02+10.8 - CM05+18.0)
channel (Design crest EL Design channel bed E
crete ditch
- 2 x H x L/4.0m2)
wints (- L/ 8.0m)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x n1
-0.5 x n1
-n3 x 6.0
-n3 x 7.0
-n3 x 6.0
-n3 x 6.0 | vert (CM02+10.8 - CM05+18.0)
channel (Design crest EL Design channel bed EL
crete ditch
- 2 x H x L/4.0m2)
wints (- L/ 8.0m)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x 2 x L
-1.7 x 0.1 x L
-(H+0.5) x 2 x L
-(H+0.5) x 2 x L | L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 2.328 m2: Section area of concrete ditch 1= 457 : nos. of wcep holes (= 2 x H x L/4.0m2) 2= 457 : nos. of wcep holes (= 2 x H x L/4.0m2) 2= 457 : nos. of wcep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of wcep holes (= 2 x H x L/4.0m2) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0 Geo-textile 0 Fournishing RC pile 0 PVC pipe for weep hole 14 Furnishing RC pile 0 Form, Type FI (for concrete ditch) 15 Driving RC pile 16 Form, Type FI (for concrete ditch) 17 Concrete Type 4 19 Form, Type FI (for concrete ditch) 10 Form, Type FI (for concrete ditch)
 | L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 2.405 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 9.328 m2: Section area of concrete ditch 1 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2 48 : nos. of weep holes (= 2 x H x L/4.0m2) 2 48 : nos. of weep holes (= 2 x H x L/4.0m2) 2 48 : nos. of optics (= 2.0.3 x 0.3 x n1) 2 0.3 x 0.3 x n1 3 0.5 a 0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x 0.3 x n1 07 Stravel filter -0.3 x 0.3 x n1 08 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 16 Form, Type FI (for concrete ditch) -Ac x L 17 Concrete Type 5 -11.7 x 0.1 x L -11.7 x 0.1 x L -2.205.1 sq.

 | L=379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)H=2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) $c=$ 9.328 m2: Section area of concrete ditch $l=$ 457 : nos. of weep holes (= 2 x H x L/4.0m2) $d=$ 457 : nos. of weep holes (= 2 x H x L/4.0m2) $d=$ 48 : nos. of piles (= L/2.0 x 10.5/2.0) $d=$ <t< td=""><td>L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1= 457 : nos.
of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of veep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 06 Geo-textile 07.3 x 0.3 x n1 2.1.80 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 07.3 x 0.3 x n1 2.1.80 08 Gravel filter 09 PVC pipe for weep hole 14 Furnishing RC pile 15 Driving RC pile 16 Furnishing RC pile 17.7 x 0.1 x L 2.3539.0 cu 17.7 concrete Type 4 -11.7 x 0.1 x L 18 Concrete ditch) 19 Form, Type FI (for concrete ditch) 19 Form, Type F2 <trtd>10 -2.489 x 6 x L</trtd></td><td>Le379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)Her2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL)$-5$9.328 m2: Section area of concrete ditch$-5$9.328 m2: Section area of concrete ditch$-5$$-53$ mos. of weep holes (= 2 x H x L/4.0m2)$-6$$-53$ mos. of piles (= L/2.0 x 10.5/2.0)-1140mos. of piles (= L/2.0 x 10.5/2.0)$-6$$-33 \times 0.3 \times n1$$-6$$-33 \times 0.3 \times n1$$-6$$-3.3 \times 0.3 \times n1$$-6$$-3.5 \times 0.3 \times 0.3 \times 0.3 \times n1$$-7.5 \times 10$$-3.5 \times 0.3 \times 0.3 \times n1$$-6.5 \times 2 \times L$$-11.7 \times 0.1 \times L$$-2.489 \times 6 \times L$$-11.7 \times 0.1 \times L$$-2.489 \times 6 \times L$$-11.7 \times 0.1 \times L$$-2.489 \times 6 \times L$$-11.7 \times 0.1 \times L$$-2.205.1 \sin$$-2.05 \times n2$$-2.489 \times 6 \times L$$-11.7 \times 0.1 \times L$$-2.489 \times 6 \times L$</td><td>Le379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)Her2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL)$- 323$ m2: Section area of concrete ditch$- 457$: nos. of weep holes (= 2 x H x L/4.0m2)$- 48$: nos. of contraction jouints (= L/8.0m)$- 33$$- 48$: nos. of piles (= L/2.0 x 10.5/2.0)$- 0.3 \times 0.3 \times n1$$- 0.3 \times 0.3 \times 0.3 \times n1$$- 0.4 \times 0.0 \times 0.3 \times 0$</td><td>$I_{-}$ 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) I_{-} 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) $-$ 9.328 m2: Section area of concrete ditch $-$ 457 : nos. of weep holes ($-$ 2 X H x L/4.0m2) $2-$ 48 : nos. of routraction jouints ($-$ L/8.0m) $3-$ 1140 : nos. of piles ($-$ L/2.0 x 10.5/2.0) $3-$ 1140 : nos. of piles ($-$ L/2.0 x 10.5/2.0) $3-$ 1140 : nos. of piles ($-$ L/2.0 x 10.5/2.0) $3-$ 1140 : nos. of piles ($-$ L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Frunishing RC pile -0.3×6.0 $0.5 \times n1$ $0.5 \times n1$ <math>0.5 \ Form, Type F1 (for concrete ditch) $-11.7 \times 0.1 \times L$ $0.5 \ Form, Type F2$ $-2.489 \times 6 \times L$ $0.7 \ Form, Type F2$ $-2.489 \times 6 \times L$ </math></td><td>L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 0.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile =0.3 x 0.3 x n1 06 Geo-textile =0.3 x 0.3 x n2 07 Stavel filter =0.3 x 0.3 x n1 08 Gravel filter =0.5 x 0.3 x 0.3 x n1 09 PVC pipe for weep hole =0.3 x 0.3 x n2 14 Furnishing RC pile =0.3 x 0.1 x L 15 Driving RC pile =0.5 x n1 16 Form, Type F1 (for concrete ditch) =0.5 x 0.1 x L 17 Conscrete Type 5 =11.7 x 0.1 x L 18 Form, Type F1 (for concrete ditch) =11.7 x 0.1 x L 18 Form, Type F2 =2.489 x 6 x L 20 Form, Type F2 =2.489 x 6 x L 21.1 Reinforcing bars =2.10.18 x 60 21.1 Reinforcing bars =2.13.5</td><td>Le379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)Height of cancrete channel (Design crest EL Design channel bed EL)$2.406 m$: Height of cancrete channel (Design crest EL Design channel bed EL)2.457: nos. of weep holes (= $2 \times H \times L/4.0m2$)$457$: nos. of veep holes (= $2 \times H \times L/4.0m2$)$2=$$457$: nos. of veep holes (= $2 \times H \times L/4.0m2$)$2=$$457$: nos. of veep holes (= $2 \times H \times L/4.0m2$)$2=$$457$: nos. of piles (= $L/2.0 \times 10.5/2.0$)$3=$$1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$)$3=$$1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$)06 Geo-textile$-0.3 \times 0.3 \times n1$$06$ Geo-textile$-0.3 \times 0.3 \times n1$$06$ Geo-textile$-0.3 \times 0.3 \times n1$$06$ Filter$-0.3 \times 0.3 \times n1$$06$ Form, Type FI (for concrete ditch)$-6.5 \times n1$$07$ Form, Type FI (for concrete ditch)$-46 \times L$$07$ Form, Type F2$-2.489 \times 6 \times L$$20$ Form, Type F2$-2.489 \times 6 \times L$</td><td>Le379.4 m: Length of open culver (CM02+10.8 - CM05+18.0)Here2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL)\sim 9.328 m2: Section area of concrete ditch-457 : nos. of weep holes (= 2 x H x L/4.0m2)\sim 457 : nos. of weep holes (= 2 x H x L/4.0m2)-457 : nos. of weep holes (= 2 x H x L/4.0m2)\sim 48 : nos. of contraction jouints (= L/8.0m)-457 : nos. of multiphical states (= L/2.0 x 10.5/2.0)\sim 48 : nos. of piles (= L/2.0 x 10.5/2.0)$-0.3 \times 0.3 \times n1$$\sim$ 1140 : nos. of piles (= L/2.0 x 10.5/2.0)$-0.3 \times 0.3 \times n1$$\sim$ 7140 : nos. of piles (= L/2.0 x 10.5/2.0)$-0.3 \times 0.3 \times n1$$\sim$ 7140 : nos. of piles (= L/2.0 x 10.5/2.0)$-0.3 \times 0.3 \times n1$$\sim$ 7140 : nos. of piles (= L/2.0 x 10.5/2.0)$-0.3 \times 0.3 \times n1$$\sim$ 7140 : nos. of piles (= L/2.0 x 10.5/2.0)$-0.3 \times 0.3 \times n1$$\sim$ 717 signal states$-0.3 \times 0.3 \times n1$$-12.3 \times 0.3 \times n1$$\sim$ 717 signal states$-0.5 \times n1$$-0.5 \times n1$$\sim$ 717 signal states$-11.7 \times 0.1 \times L$$-2.205.1$ sq.\sim 700 state Type F1 (for concrete ditch)$-6.6 \times n2$$-2.48 \times n2$$\sim$ 705 Form, Type F2$-2.48 \times n2$$-2.48 \times n2$$\sim$ 706 form, Type F2$-2.48 \times n2$$-2.48 \times n2$$\sim$ 706 form, Type F2$-2.48 \times n2$$-2.48 \times n2$$\sim$ 706 form, Type F2$-2.48 \times n2$$-2.48 \times 60$$\sim$ 746 s of n2 + 10.1 \times n2$-2.48 \times 60$$\sim$ 746 s of n2 + 10.1 \times n2$-2.48 \times 60$$\sim$ 746 s of n2 + 10.1 \times n2-2.48×60</td><td>L= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 0.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= Z X H X L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 05 Geo-textile -0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x n1 07 Stravel filter -0.3 x 0.3 x n1 08 PVC pipe for weep hole -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Form, Type F1 (for concrete ditch) -A6.5 19 Form, Type F2 -2.489 x 6 x L 210 Form, Type F2 -2.489 x 6 x L 211.7 x 0.1 8, (No.18) x 60 212.342.6 kg</td><td>Le379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0)$H = 2.406 m$: Height of cancrete channel (Design crest EL Design channel bed EL)$2.406 m$: Height of cancrete channel (Design crest EL Design channel bed EL)$2.405 m$: Height of cancrete channel (Design crest EL Design channel bed EL)$2.405 m$: Height of cancrete channel (Design crest EL Design channel bed EL)$2.405 m$: nos. of weep holes (= $L/2.0 \times 10.5/2.0$)$3 = 1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$)06 Geo-textile06 Geo-textile06 Geo-textile06 Geo-textile$07 VC$ pipe for weep hole$07 VC$ pipe for weep hole$07 Concrete Type 4$$-11.7 \times 0.1 \times L$$0.17 Concrete Type 4$$-11.7 \times 0.1 \times L$$0.17 Concrete Type 5$$0.17 Concrete Type 60$$0.17 Concrete Type 72$$0.17 Concrete Type 60$$0.17 Concrete Type 72$$0.17 Concrete Type 72$$0.17 Concrete Type 72$$0.17 Concrete Type 60$$0.17 Concrete Type 72$<math>0.17 Concrete Type 72<math>0.17 Concrete Type 72<math>0.17 Concrete Type 72<math>0.17 Concrete Type 72$0.17 Concrete$</math></math></math></math></td></t<> | L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of veep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 06 Geo-textile 07.3 x 0.3 x n1 2.1.80 1140 : nos. of piles
(= L/2.0 x 10.5/2.0) 07.3 x 0.3 x n1 2.1.80 08 Gravel filter 09 PVC pipe for weep hole 14 Furnishing RC pile 15 Driving RC pile 16 Furnishing RC pile 17.7 x 0.1 x L 2.3539.0 cu 17.7 concrete Type 4 -11.7 x 0.1 x L 18 Concrete ditch) 19 Form, Type FI (for concrete ditch) 19 Form, Type F2 <trtd>10 -2.489 x 6 x L</trtd>
 | Le379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)Her2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) -5 9.328 m2: Section area of concrete ditch -5 9.328 m2: Section area of concrete ditch -5 -53 mos. of weep holes (= 2 x H x L/4.0m2) -6 -53 mos. of piles (= L/2.0 x 10.5/2.0) -1140 mos. of piles (= L/2.0 x 10.5/2.0) -6 $-33 \times 0.3 \times n1$ -6 $-33 \times 0.3 \times n1$ -6 $-3.3 \times 0.3 \times n1$ -6 $-3.5 \times 0.3 \times 0.3 \times 0.3 \times n1$ -7.5×10 $-3.5 \times 0.3 \times 0.3 \times n1$ $-6.5 \times 2 \times L$ $-11.7 \times 0.1 \times L$ $-2.489 \times 6 \times L$ $-11.7 \times 0.1 \times L$ $-2.489 \times 6 \times L$ $-11.7 \times 0.1 \times L$ $-2.489 \times 6 \times L$ $-11.7 \times 0.1 \times L$ $-2.205.1 \sin$ $-2.05 \times n2$ $-2.489 \times 6 \times L$ $-11.7 \times 0.1 \times L$ $-2.489 \times 6 \times L$
 | Le379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)Her2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) $- 323$ m2: Section area of concrete ditch $- 457$: nos. of weep holes (= 2 x H x L/4.0m2) $- 48$: nos. of contraction jouints (= L/8.0m) $- 33$ $- 48$: nos. of piles (= L/2.0 x 10.5/2.0) $- 0.3 \times 0.3 \times n1$ $- 0.3 \times 0.3 \times 0.3 \times n1$ $- 0.4 \times 0.0 \times 0.3 \times 0$
 | I_{-} 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) I_{-} 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) $-$ 9.328 m2: Section area of concrete ditch $-$ 457 : nos. of weep holes ($-$ 2 X H x L/4.0m2) $2-$ 48 : nos. of routraction jouints ($-$ L/8.0m) $3-$ 1140 : nos. of piles ($-$ L/2.0 x 10.5/2.0) $3-$ 1140 : nos. of piles ($-$ L/2.0 x 10.5/2.0) $3-$ 1140 : nos. of piles ($-$ L/2.0 x 10.5/2.0) $3-$ 1140 : nos. of piles ($-$ L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n1$ 07 Frunishing RC pile -0.3×6.0 $0.5 \times n1$ $0.5 \times n1$ $0.5 \ Form, Type F1 (for concrete ditch) -11.7 \times 0.1 \times L 0.5 \ Form, Type F2 -2.489 \times 6 \times L 0.7 \ Form, Type F2 -2.489 \times 6 \times L $
 | L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 0.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile =0.3 x 0.3 x n1 06 Geo-textile =0.3 x 0.3 x n2 07 Stavel filter =0.3 x 0.3 x n1 08 Gravel filter =0.5 x 0.3 x 0.3 x n1 09 PVC pipe for weep hole =0.3 x 0.3 x n2 14 Furnishing RC pile =0.3 x 0.1 x L 15 Driving RC pile =0.5 x n1 16 Form, Type F1 (for concrete ditch) =0.5 x 0.1 x L 17 Conscrete Type 5 =11.7 x 0.1 x L 18 Form, Type F1 (for concrete ditch) =11.7 x 0.1 x L 18 Form, Type F2 =2.489 x 6 x L 20 Form, Type F2 =2.489 x 6 x L 21.1 Reinforcing bars =2.10.18 x 60 21.1 Reinforcing bars =2.13.5
 | Le379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)Height of cancrete channel (Design crest EL Design channel bed EL) $2.406 m$: Height of cancrete channel (Design crest EL Design channel bed EL) 2.457 : nos. of weep holes (= $2 \times H \times L/4.0m2$) 457 : nos. of veep holes (= $2 \times H \times L/4.0m2$) $2=$ 457 : nos. of veep holes (= $2 \times H \times L/4.0m2$) $2=$ 457 : nos. of veep holes (= $2 \times H \times L/4.0m2$) $2=$ 457 : nos. of piles (= $L/2.0 \times 10.5/2.0$) $3=$ 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) $3=$ 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Filter $-0.3 \times 0.3 \times n1$ 06 Form, Type FI (for concrete ditch) $-6.5 \times n1$ 07 Form, Type FI (for concrete ditch) $-46 \times L$ 07 Form, Type F2 $-2.489 \times 6 \times L$ 20 Form, Type F2 $-2.489 \times 6 \times L$
 | Le379.4 m: Length of open culver (CM02+10.8 - CM05+18.0)Here2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) \sim 9.328 m2: Section area of concrete ditch -457 : nos. of weep holes (= 2 x H x L/4.0m2) \sim 457 : nos. of weep holes (= 2 x H x L/4.0m2) -457 : nos. of weep holes (= 2 x H x L/4.0m2) \sim 48 : nos. of contraction jouints (= L/8.0m) -457 : nos. of multiphical states (= L/2.0 x 10.5/2.0) \sim 48 : nos. of piles (= L/2.0 x 10.5/2.0) $-0.3 \times 0.3 \times n1$ \sim 1140 : nos. of piles (= L/2.0 x 10.5/2.0) $-0.3 \times 0.3 \times n1$ \sim 7140 : nos. of piles (= L/2.0 x 10.5/2.0) $-0.3 \times 0.3 \times n1$ \sim 7140 : nos. of piles (= L/2.0 x 10.5/2.0) $-0.3 \times 0.3 \times n1$ \sim 7140 : nos. of piles (= L/2.0 x 10.5/2.0) $-0.3 \times 0.3 \times n1$ \sim 7140 : nos. of piles (= L/2.0 x 10.5/2.0) $-0.3 \times 0.3 \times n1$ \sim 717 signal states $-0.3 \times 0.3 \times n1$ $-12.3 \times 0.3 \times n1$ \sim 717 signal states $-0.5 \times n1$ $-0.5 \times n1$ \sim 717 signal states $-11.7 \times 0.1 \times L$ $-2.205.1$ sq. \sim 700 state Type F1 (for concrete ditch) $-6.6 \times n2$ $-2.48 \times n2$ \sim 705 Form, Type F2 $-2.48 \times n2$ $-2.48 \times n2$ \sim 706 form, Type F2 $-2.48 \times n2$ $-2.48 \times n2$ \sim 706 form, Type F2 $-2.48 \times n2$ $-2.48 \times n2$ \sim 706 form, Type F2 $-2.48 \times n2$ -2.48×60 \sim 746 s of n2 + 10.1 \times n2 -2.48×60 \sim 746 s of n2 + 10.1 \times n2 -2.48×60 \sim 746 s of n2 + 10.1 \times n2 -2.48×60 | L= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 0.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= Z X H X L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 05 Geo-textile -0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x n1 07 Stravel filter -0.3 x 0.3 x n1 08 PVC pipe for weep hole -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Form, Type F1 (for concrete ditch) -A6.5 19 Form, Type F2 -2.489 x 6 x L 210 Form, Type F2 -2.489 x 6 x L 211.7 x 0.1 8, (No.18) x 60 212.342.6 kg
 | Le379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) $H = 2.406 m$: Height of cancrete channel (Design crest EL Design channel bed EL) $2.406 m$: Height of cancrete channel (Design crest EL Design channel bed EL) $2.405 m$: Height of cancrete channel (Design crest EL Design channel bed EL) $2.405 m$: Height of cancrete channel (Design crest EL Design channel bed EL) $2.405 m$: nos. of weep holes (= $L/2.0 \times 10.5/2.0$) $3 = 1140$: nos. of piles (= $L/2.0 \times 10.5/2.0$) 06 Geo-textile 06 Geo-textile 06 Geo-textile 06 Geo-textile $07 VC$ pipe for weep hole $07 VC$ pipe for weep hole $07 Concrete Type 4$ $-11.7 \times 0.1 \times L$ $0.17 Concrete Type 4$ $-11.7 \times 0.1 \times L$ $0.17 Concrete Type 5$ $0.17 Concrete Type 60$ $0.17 Concrete Type 72$ $0.17 Concrete Type 60$ $0.17 Concrete Type 72$ $0.17 Concrete Type 72$ $0.17 Concrete Type 72$ $0.17 Concrete Type 60$ $0.17 Concrete Type 72$ $0.17 Concrete Type 720.17 Concrete Type 720.17 Concrete Type 720.17 Concrete Type 720.17 Concrete$ |
| | vert (CM02+10.8 - CM05+18.0)
channel (Design crest EL Design channel bed E
crete ditch
- 2 x H x L /4.0m2)
wints (- L / 8.0m)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x n1
-0.5 x n1
-n3 x 6.0
-n3 x 0.1 x L | vert (CM02+10.8 - CM05+18.0)
channel (Design crest EL Design channel bed EL
crete ditch
- 2 x H x L/4.0m2)
wints (- L/ 8.0m)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x 2 x L
-1.7 x 0.1 x L
-(H+0.5) x 2 x L | L-379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) $H-$ 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) $-$ 9.328 m2: Section area of concrete ditch $-$ 457 : nos. of weep holes (= 2 x H x L/4.0m2) $-$ 48 : nos. of contraction jouints (= L/8.0m) $ -$

 | L- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H- 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) e- 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of piles (= L/2.0 x 10.5/2.0) 2- 48 : nos. of piles (= L/2.0 x 10.5/2.0) 2- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2- 2.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x n1 07 Stavel filter -0.3 x 0.3 x n1 08 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n1 16 Furnishing RC pile -11.7 x 0.1 x L 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Concrete ditch) -Ac x L 19 Form, Type FI (for concrete ditch) -Ac x L 10 Form, Type FI (for concrete ditch) -Ac x L

 | L=379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) $H=$ 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) $c=$ 9.328 m2: Section area of concrete ditch $h=$ 457 : nos. of weep holes (= 2 x H x L/4.0m2) $2=$ 48 : nos. of contraction jouints (= L/8.0m) $2=$ 48 : nos. of piles (= 2.0 x 10.5/2.0) $3=$ 1140 : nos. of piles (= L/2.0 x 10.5/2.0) $3=$ 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n2$ 06 Deco-textile $-0.3 \times 0.3 \times n1$ 07 The filter $-0.3 \times 0.3 \times n2$ 08 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 07 The filter $-0.3 \times 0.3 \times n2$ 08 PVC pipe for weep hole $-0.3 \times 0.3 \times n2$ 09 PVC pipe for weep hole $-0.3 \times 0.3 \times n1$ 05 Concrete Type 4 $-0.3 \times 0.3 \times n2$ 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 18 Concrete Gitch) $-(H+0.5) \times 2 \times L$ 18 Form, Type FI (for concrete ditch) $-(H+0.5) \times 2 \times L$ 06 Form, Type F2 $-2.489 \times 6 \times L$
 | L= 379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of vortaction jouints (= L/8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0 Fortaction 0 Geco-textile 0 PVC pipe for weep hole 0 PVC pipe for weep hole 1 -0.3 x 0.3 x n1 1 -0.3 x 0.3 x n2 0 PVC pipe for weep hole 1 -0.5 x n1 0.5 x n2 -0.5 x n2 0.6 Forter Type 4 -1.7 x 0.1 x L 17 Concrete Type 5 -1.1.7 x 0.1 x L 18 Concrete Type 5 -1.1.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) -Ac x n2 20 Form, Type F2 (for joints)

 | L=379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) $H=$ 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 457 : nos. of weep holes (= $2 \times H \times L/4.0m2$) 2.487 : nos. of veep holes (= $2 \times H \times L/4.0m2$) 2.40 m2) 2.6 3.2 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 3.2 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 3.2 1140 : nos. of piles (= $L/2.0 \times 10.5/2.0$) 0.5 Geo-textile 0.5 Geo-textile 0.5 Geo-textile 0.5 Geo-textile 0.5 Geo-textile $0.5 \ Gravel filter0.5 \ Concrete Type 40.5 \ Concrete Type 41.7 \ Concrete Type 51.7 \ Concrete Type 51.8 \ Concrete Type 50.7 \ (for joints)0.7 \ Concrete Type 50.7 \ (for joints)0.7 \ Solorebrocker 1000000000000000000000000000000000000$
 | L=379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) $H=$ 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL.) -332 m2: Section area of concrete ditch -357 : nos. of weep holes (= 2 x H x L/4.0m2) -357 : nos. of piles (= L/2.0) pilots (= 2 x H x L/4.0m2) -357 : nos. of piles (= L/2.0) pilots (= 2 x H x L/4.0m2) -357 : nos. of piles (= L/2.0) pilots (= L/8.0m) -353 milots (= L/2.0) pilots (= L/2.0) pilots (= L/2.0) pilot -355 moles (= L/2.0) pilots (= L/2.0) pilots (= L/2.0) pilot $-0.3 \times 0.3 \times n1$ -355 moles (= L/2.0) pilots (= L/2.0) pilot $-0.3 \times 0.3 \times n1$ $-0.3 \times 0.3 \times 0.3 \times n1$ $-0.3 \times 0.3 \times n1$ $-0.3 \times 0.3 \times 0.3 \times n1$ $-0.3 \times 0.3 \times 0.3 \times n1$ $-0.3 \times 0.3 \times 0.3 \times 0.3 \times 0.3 \times n1$ $-0.3 \times 0.3 \times 0$
 | Le379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) H 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) c 9.328 m2: Section area of concrete ditch -5.7 : nos. of weep holes (= 2 x H x L/4.0m2) $2 = 48$: nos. of weep holes (= 2 x H x L/4.0m2) $2 = 48$: nos. of contraction jouints (= L/8.0m) $2 = 48$: nos. of piles (= L/2.0 x 10.5/2.0) $3 = 1140$: nos. of piles (= L/2.0 x 10.5/2.0) 0.5 Geo-textile 0.6 Geo-textile 0.7 S vo.3 x n1 0.7 S vo.3 x n1 0.7 S vo.3 x n1 0.7 Frumishing RC pile 0.7 S vo.3 x n2 0.7 S vo.3 x n1 0.7 S vo.3 x n2 0.7 S vo.3 x n2 0.7 S vo.3 x n2 0.7 S vo.3 x n1 0.7 S vo.3 x n1 0.7 S vo.3 x n2 0.7 S vo.3 vo.3 s vo.3 x n2 0.7 S vo.3 vo.3 vo.3 vo.3 vo.3 vo.3 vo.3 vo.3
 | L= 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) c= 9.328 m2: Section area of concrete dirch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 457 : nos. of weep holes (= L/8.0m) 2= 457 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 07.3 x 0.3 x nl 41.1 sq. 08 Gravel filter 09.1 Proving RC pile -0.3 x 0.3 x nl 01.2 Discription -0.3 x 0.3 x nl 02.3 x 0.3 x nl 12.33 cu 03.1 Priving RC pile -0.3 x 0.3 x nl 04.1 Filter -0.5 x nl 05.1 Driving RC pile -0.5 x nl 06 Form, Type F1 (for concrete ditch) 17 Concrete Type 4 -11.7 x 0.1 x L -4339 cu 18 -4x n2 19 Form, Type F1 (for concrete ditch) 10 -5.489 x 6 x L 10 -5.489 x 6 x L 10 -5.489 x 6 x L 10 -1.18
 | Le379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) H 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) -332 m2: Section area of concrete ditch 43.2 km2) -457 : nos. of weep holes (= 2 x H x L/4.0m2) 47 : nos. of piles (= L/2.0 x 10.5/2.0) 2 48 : nos. of piles (= L/2.0 x 10.5/2.0) 2 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 117 : nos. of pile 1117 : nos. of pile <trr>1117 : nos. of pile<td>L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancrete diarch c= 9.328 m2: Section area of concrete diarch 1 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.405 mi: Height of cancrete diarch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.457 : nos. of weep holes (= 2 x H x L/4.0m2) 48.0m) 2.457 : nos. of piles (= L/2.0 x 10.5/2.0) 0m) 2.460 mittip 0.5 x 0.3 x n1 2.53 mittip 0.5 x 0.3 x n1 2.53 mittip 0.5 x n1 2.53 mittip 0.5 x n1 2.53 mittip 0.5 x n1 2.540 mittip 0.5 x n1 2.55 mittip -11.7 x 0.1 x L 2.60 -6.0 x 1.2 x L 2.75 mittip -6.43 9 cu 2.60 -6.43 9 cu 2.60 -6.43 9 cu 2.75 mittip -6</td><td>L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) L= 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) e= 9.328 m2. Section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 457 : nos. of contraction jouints (= L/8.0m) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 Section area of concrete ditch -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n2 09 PVC pipe for weep hole -0.3 x 0.3 x n1 09 FVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -0.3 x 0.3 x n2 16 Form, Type FI (for concrete ditch) -7.43.9 cu 17.7 concrete Type S -11.7 x 0.1 x L 18 Form, Type FI (for concrete ditch) -Ac x L 17.7 woll S × 6.0 -0.43.7 for 18 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -2.489 x 6 x L 21 Reinforcing bars -V(No.18) x 60</td><td>L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) L= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2. Section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 457 : nos. of contraction jouints (= L/8.0m) 2= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) Cocotextile -0.3 x 0.3 x n1 05 Geo-textile 06 Geo-textile 075 x n1 -0.3 x 0.3 x n1 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 075 x n1 -0.3 x 0.3 x n1 08 PVC pipe for weep hole 09 PVC pipe for weep hole 017 Concrete Type 4 -11.7 x 0.1 x L -2.433 cl on 017 Concrete Type 4 -11.7 x 0.1 x L -2.433 cl on 108 Form, Type F1 (for joints) -2.483 x 60 6.0 6.8400 lin 17.7 sq. -2.483 x 6.0 6.8400 lin 17.7 sq. -2.483 x 6.0 6.8400 lin 11.7 x 0.1 x L -2.433 cu</td></trr>
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piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 4.1.1 sq. 0.5 Gravel filter 0.5 x n1 0.5 x 0.3 x n1 1.1.7 x 0.1 x L 1.1.8 x 0.0 1.1.1 x 0.1 x L 1.1</td> <td> T- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L / 8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 33 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 34 1.1 sq 66 Geo-textile 9 PVC pipe for weep hole 11.7 x 0.1 x L 228.5 lin 6.0 6.840.0 lin 1.1 Concrete Type 4 1.1.7 x 0.1 x L 2.205.1 sq 2.489 x 6 x L 2.233.0 sq 2.2489 x 6 x L 2.233.2 sq 2.2489 x 6 x L 2.233.2 sq 2.233.</td> <td> The 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 2.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 48 : nos. of contraction jouints (= L / 8.0m) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) Discription OG Geo-textile OB PVC pipe for weep hole OS Cravel filter OS PVC pipe for weep hole OS FATAL OS PVC pipe for weep hole OS FATAL OS Concrete Type 4 OS FATAL OS FATAL OS FATAL OS FATAL OS FATAL OS FATAL OS CATAL OS FATAL OS FATAL<td>L= 379.4 m: Length of open culver (CM02+10.8 - 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CM05+18.0)$=$2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL.)$=$9.328 m2: Section area of concrete ditch$=$9.328 m2: Section area of concrete ditch$=$9.38 m2: Section area of concrete ditch$=$9.38 m3: Section area of concrete ditch$=$$=$$=$1140 : nos. of piles ($-$ L2.0 x 10.5/2.0)$=$</td></td> | T- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 9.328 m2: Section area of concrete ditch 457 : nos. of veep holes (= 2 x H x L/4.0m2) 2.48 : nos. of opties (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 4.1.1 sq. 0.5 Gravel filter 0.5 x n1 0.5 x 0.3 x n1 1.1.7 x 0.1 x L 1.1.8 x 0.0 1.1.1 x 0.1 x L 1.1
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 | The 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 2.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 48 : nos. of contraction jouints (= L / 8.0m) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) Discription OG Geo-textile OB PVC pipe for weep hole OS Cravel filter OS PVC pipe for weep hole OS FATAL OS PVC pipe for weep hole OS FATAL OS Concrete Type 4 OS FATAL OS FATAL OS FATAL OS FATAL OS FATAL OS FATAL OS CATAL OS FATAL OS FATAL<td>L= 379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancere channel (Design crest EL Design channel bed EL.) 2.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 1140 : nos. of piles (-L2.0 x 10.5/2.0) 3= 1140 : nos. of piles (-L2.0 x 10.5/2.0) 06 Geo-textile 07 53 x 0.3 x n1 08 Gravel filter 09 PVC pipe for weep hole 01 14 14 23 x 0.3 x n1 15 20.3 x 0.3 x n1 16 -0.3 x 0.3 x n1 17 Concrete Type 4 -17 -0.5 x 0.1 x L 17 Concrete Type 4 -11.7 x 0.1 x L 2.43.9 cu 17 -4.45.9 x 0.2 x L 18 -1.5 x 2.5 x 1 19 Form, Type F1 (for concrete ditch) 16 -1.1.7 x 0.1 x L 17 -1.43.9 x 60 18 -1.43.9 x 60 19 Form, Type F2 10 -2.489 x 6</td><td>L= 379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) L= 2.406 m : Height of cancete channel (Design crest EL Design channel bed EL.) 2.405 m : Verify of cancete ditch 1 = 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2 = 48 : nos. of contraction jouints (= L/8.0m) 2 = 48 : nos. of contraction jouints (= L/8.0m) 2 = 1140 : nos. of piles (= L2.0 x 10.5/2.0) 3 = 1140 : nos. of piles (= L2.0 x 10.5/2.0) 3 = 1140 : nos. of piles (= L2.0 x 10.5/2.0) 41.1 sq. -0.3 x 0.3 x n1 2 = 2 = 2 x N a 06 Geo-textile -0.3 x 0.3 x n1 2 = -0.3 x 0.3 x n1 07 = x n1 -0.3 x 0.3 x n1 17 form:ring RC pile -0.3 x 0.3 x n1 18 [Driving RC pile -0.3 x 0.3 x n1 19 Form, Type FI (for concrete ditch) -11.7 x 0.1 x L 17 Concrete Type 5 -489 x 6.0 18 [Form, Type FI (for concrete ditch) -6.43 0 s c.L 19 Form, Type FI (for concrete ditch) -11.7 x 0.1 x L 10 [Form, Type FI (for concrete ditch) -4.49 x 6.0 11 [Storm, Type FI (for concrete ditch) -4.49 x 6.0 10 [Storm, T</td><td>Le379.4 m: Length of open culver (CM02+10.8 - CM05+18.0)$iii = 2.406$ m : Height of cancrete channel (Design crest EL Design channel bed EL)$ii = 2.406$ m : Height of cancrete dirch$ii = 3.73$ mos. of weep holes (= 2 x H x L/4.0m2)457 : nos. of weep holes (= 2 x H x L/4.0m2)22 at 3×10^{2} s ros. of for cancrete dirch1140 : nos. of piles (= L/2.0 x 10.5/2.0)22 at 3×10^{2} s $0.3 \times n1$$23$ control filter06 Geo-textile06 Geo-textile07 control filter06 Seco-textile$07 \times 10.5/2.0$)$07 \times 10.5/2.0$)08 Gravel filter09 PVC pipe for weep hole$07 \times 10.5 \times 10^{2}$ x $0.3 \times n1$$07 \times 10^{2} \times 10^{2}$ x $0.3 \times n1$$08$ Gravel filter09 FVC pipe for weep hole$07 \times 10^{2} \times 10^{2}$ x $0.3 \times n1$$07 \times 10^{2} \times 10^{2}$$08$ Gravel filter09×10^{2} pile00×17 Concrete Type 4$00 \times 17$ Concrete Type 5$17$ Concrete Type 5$17$ Concrete Type 6$17$ Concrete Type 6$17$ Concrete Type 7$17$ Concrete Type 6$17$ Concrete Type 6$17$ Concrete Type 7$17$ Concrete Type 8$17 \times 10^{11}$ T, $12 \times 10^{11}$$17 \times 10^{11}$ T, $12 \times 10^{11}$$18 \times 10^{11}$ S = 2.205 I sq.11×10^{11} S = 2.489 × 6 \times L11×10^{11} S = 2.489 × 6 \times L11×10^{11} S = 2.12342.0 kg$12 \times 10.2 \times 10^{2}$ S = 16.012 × n2$12 \times 10000$ S = 10.02 × 10.02 × 10^{11}<</td><td>L=379.4 m: Length of open culver (CM02+10.8 - CM05+18.0)$=$2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL.)$=$9.328 m2: Section area of concrete ditch$=$9.328 m2: Section area of concrete ditch$=$9.38 m2: Section area of concrete ditch$=$9.38 m3: Section area of concrete ditch$=$$=$$=$1140 : nos. of piles ($-$ L2.0 x 10.5/2.0)$=$</td> | L= 379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancere channel (Design crest EL Design channel bed EL.) 2.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 1140 : nos. of piles (-L2.0 x 10.5/2.0) 3= 1140 : nos. of piles (-L2.0 x 10.5/2.0) 06 Geo-textile 07 53 x 0.3 x n1 08 Gravel filter 09 PVC pipe for weep hole 01 14 14 23 x 0.3 x n1 15 20.3 x 0.3 x n1 16 -0.3 x 0.3 x n1 17 Concrete Type 4 -17 -0.5 x 0.1 x L 17 Concrete Type 4 -11.7 x 0.1 x L 2.43.9 cu 17 -4.45.9 x 0.2 x L 18 -1.5 x 2.5 x 1
19 Form, Type F1 (for concrete ditch) 16 -1.1.7 x 0.1 x L 17 -1.43.9 x 60 18 -1.43.9 x 60 19 Form, Type F2 10 -2.489 x 6 | L= 379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) L= 2.406 m : Height of cancete channel (Design crest EL Design channel bed EL.) 2.405 m : Verify of cancete ditch 1 = 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2 = 48 : nos. of contraction jouints (= L/8.0m) 2 = 48 : nos. of contraction jouints (= L/8.0m) 2 = 1140 : nos. of piles (= L2.0 x 10.5/2.0) 3 = 1140 : nos. of piles (= L2.0 x 10.5/2.0) 3 = 1140 : nos. of piles (= L2.0 x 10.5/2.0) 41.1 sq. -0.3 x 0.3 x n1 2 = 2 = 2 x N a 06 Geo-textile -0.3 x 0.3 x n1 2 = -0.3 x 0.3 x n1 07 = x n1 -0.3 x 0.3 x n1 17 form:ring RC pile -0.3 x 0.3 x n1 18 [Driving RC pile -0.3 x 0.3 x n1 19 Form, Type FI (for concrete ditch) -11.7 x 0.1 x L 17 Concrete Type 5 -489 x 6.0 18 [Form, Type FI (for concrete ditch) -6.43 0 s c.L 19 Form, Type FI (for concrete ditch) -11.7 x 0.1 x L 10 [Form, Type FI (for concrete ditch) -4.49 x 6.0 11 [Storm, Type FI (for concrete ditch) -4.49 x 6.0 10 [Storm, T
 | Le379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) $iii = 2.406$ m : Height of cancrete channel (Design crest EL Design channel bed EL) $ii = 2.406$ m : Height of cancrete dirch $ii = 3.73$ mos. of weep holes (= 2 x H x L/4.0m2) 457 : nos. of weep holes (= 2 x H x L/4.0m2) 22 at 3×10^{2} s ros. of for cancrete dirch 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 22 at 3×10^{2} s $0.3 \times n1$ 23 control filter 06 Geo-textile 06 Geo-textile 07 control filter 06 Seco-textile $07 \times 10.5/2.0$) $07 \times 10.5/2.0$) 08 Gravel filter 09 PVC pipe for weep hole $07 \times 10.5 \times 10^{2}$ x $0.3 \times n1$ $07 \times 10^{2} \times 10^{2}$ x $0.3 \times n1$ 08 Gravel filter 09 FVC pipe for weep hole $07 \times 10^{2} \times 10^{2}$ x $0.3 \times n1$ $07 \times 10^{2} \times 10^{2}$ 08 Gravel filter 09×10^{2} pile 00×17 Concrete Type 4 00×17 Concrete Type 5 17 Concrete Type 5 17 Concrete Type 6 17 Concrete Type 6 17 Concrete Type 7 17 Concrete Type 6 17 Concrete Type 6 17 Concrete Type 7 17 Concrete Type 8 17×10^{11} T, 12×10^{11} 17×10^{11} T, 12×10^{11} 18×10^{11} S = 2.205 I sq. 11×10^{11} S = 2.489 × 6 \times L 11×10^{11} S = 2.489 × 6 \times L 11×10^{11} S = 2.12342.0 kg $12 \times 10.2 \times 10^{2}$ S = 16.012 × n2 12×10000 S = 10.02 × 10.02 × 10^{11}< | L=379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) $=$ 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL.) $=$ 9.328 m2: Section area of concrete ditch $=$ 9.38 m2: Section area of concrete ditch $=$ 9.38 m3: Section area of concrete ditch $=$ $=$ $=$ 1140 : nos. of piles ($-$ L2.0 x 10.5/2.0) $=$ |
| | vert (CM02+10.8 - CM05+18.0)
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x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
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-n3 x 6.0
- | vert (CM02+10.8 - CM05+18.0)
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x 10.5/2.0)
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 | L-379.4 m: Length of open culver (CM02+10.8 - CM05+18.0)H-2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) -2.405 m: Section area of concrete ditch 457 : nos. of weep holes (= $2 \times H \times L/4.0m2$) -457 : nos. of weep holes (= $2 \times H \times L/4.0m2$) 48 : nos. of contraction jouints (= $L/8.0m$) -328 m2: Section area of concrete ditch $-0.3 \times 0.3 \times n1$ -48 : nos. of piles (= $L/2.0 \times 10.5/2.0$) $-0.3 \times 0.3 \times n1$ -37 Travel filter $-0.3 \times 0.3 \times n1$ $-0.3 \times 0.3 \times n1$ $-0.3 \times 0.3 \times n1$ $-0.5 \times n1$ $-0.3 \times 0.3 \times n1$ -0.5×12 -1.7×15 -43.39 -1.7×15 -44.39 -1.7×15 -44.77 -1.7×15 -44.77

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 | L= 379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 06 Geo-textile 07.3 x 0.3 x 0.3 x n1 22.3 s 0.3 x 0.3 x 0.3 x n1 08 Gravel filter 09 PVC pipe for weep hole 09 PVC pipe for weep hole 015 Driving RC pile 02 x 0.3 x 0.3 x n1 12.3 cun 3.539.0 cu 12.40.5 km -Ac x L 05 PVC pipe for weep hole 16 -0.3 x 0.3 x 0.1 x L 12 -0.5 x 0.1 x L 12 -0.5 x 2 x L 12 -0.5 x 2 x L 12 -0.5 x 2 x L 13 Form, Type F1 (for concrete ditch)
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(for joints) 2.2489 x 6 x L 1.888.7 sq. 2.12.342.6 kg 1.86.6012 x n2 1.88.6 kin </td><td>L= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 2.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 05 Geo-textile 06 Geo-textile -0.3 x 0.3 x n1 07 Savel filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 01 Af Purnishing RC pile -0.3 x 0.3 x n1 10 Form, Type F1 (for concrete ditch) -A x x L 117 X 0.1 x L -2.489 x 6.0 117 South Type F2 -2.489 x 6.0 117 Concrete Type 4 -11.7 x 0.1 x L -12.0 Form, Type F2 -2.489 x 6.0 220 Form, Type F2 -2.489 x 6.0 221 South Type F2 -2.489 x 6.0 221 South Type F2 -2.489 x 6.0 220 Form, Type F2 -2.489 x 6.0 220 Form, Type F2 -2.489 x 6.0 220 FVC water sop</td></td>
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(for joints) 2.2489 x 6 x L 1.888.7 sq. 2.12.342.6 kg 1.86.6012 x n2 1.88.6 kin </td> <td>L= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 2.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 05 Geo-textile 06 Geo-textile -0.3 x 0.3 x n1 07 Savel filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 01 Af Purnishing RC pile -0.3 x 0.3 x n1 10 Form, Type F1 (for concrete ditch) -A x x L 117 X 0.1 x L -2.489 x 6.0 117 South Type F2 -2.489 x 6.0 117 Concrete Type 4 -11.7 x 0.1 x L -12.0 Form, Type F2 -2.489 x 6.0 220 Form, Type F2 -2.489 x 6.0 221 South Type F2 -2.489 x 6.0 221 South Type F2 -2.489 x 6.0 220 Form, Type F2 -2.489 x 6.0 220 Form, Type F2 -2.489 x 6.0 220 FVC water sop</td> | L- 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) H- 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 05 Geo-textile -0.3 x 0.3 x n1 06 Geo-textile -0.5 x n1 07 PVC pipe for weep hole -0.5 x n1 07 Form, Type FI (for concrete ditch) -1.1.7 x 0.1 x L 17 Concrete Type 5 -1.1.7 x 0.1 x L 17 Concrete Type 5 -1.1.7 x 0.1 x L 17 Concrete Type 6 -6.43.9 cu 18 Form, Type FI (for concrete ditch) -6.489 x 6 x L 19 Form, Type F2 -2.489 x 6 x L 20 Reinforcine bars -2.489 x 6 x L
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 | Le 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) Height of cancrete channel (Design crest EL Design channel bed EL) 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) $2.328 \text{ m}2$: Section area of concrete dirch $457 \text{ : nos. of weep holes (= 2 x H x L/4.0m2)}$ $2.400 \text{ m}1$; Hous. of piles (= L/2.0 x 10.5/2.0) $2.48 \text{ : nos. of contraction jouints (= L/8.0m)}$ $3.2 \text{ m}1140 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$ $3.2 \text{ m}1140 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$ $3.2 \text{ m}1140 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$ $3.2 \text{ m}1140 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$ $3.2 \text{ m}1140 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$ $3.2 \text{ m}1140 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$ $3.2 \text{ m}1140 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$ $3.2 \text{ m}1140 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$ $3.2 \text{ m}1140 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$ $3.2 \text{ m}1140 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$ $3.2 \text{ m}1140 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)$ $3.2 \text{ m}1000000000000000000000000000000000000$ | J79.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.457 : nos. of weep holes (= 2 x H x L/4.0m2) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) Discription 0.5 x n1 0.3 x 0.3 x
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| | 4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 6 m: Height of cancrete channel (Design crest EL Design channel bed E 28 m2: Section area of concrete ditch 7 : nos. of weep holes (= 2 x H x L/4.0m2) 40 : nos. of contraction jouints (= L/ 8.0m) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) | vert (CM02+10.8 - CM05+18.0)
channel (Design crest EL Design channel bed EL
crete ditch
- 2 x H x L/4.0m2)
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x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
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-0.5 x 0.2 x 0.3 x 0.3 x 0.3 x n1
-0.5 x n1
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-0.5 x 0.1 x 12
-0.5 x 0.1 x 1 | L= 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 2.47 : nos. of concrete ditch 1 4.77 : nos. of concrete ditch 2.48 : nos. of contraction jouints (= L/ 8.0m) 2.48 : nos. of contraction jouints (= L/ 8.0m) 2.48 : nos. of contraction jouints (= L/ 8.0m) 2.40 : nos. of contraction jouints (= L/ 8.0m) 2.40 : nos. of contraction jouints (= L/ 8.0m) 2.40 : nos. of contraction jouints (= L/ 8.0m) 2.40 : nos. of contraction jouints (= L/ 8.0m) 2.4140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.41.1 sq. 2.51.1 : nos. of piles (= L/2.0 x 10.5/2.0) 2.51.1 : nos. of piles (= L/2.0 x 10.5/2.0) 2.51.1 : nos. of piles (= L/2.0 x 10.5/2.0) 2.51.1 : nos. of piles (= L/2.0 x 10.5/2.0) 2.51.1 : nos. of piles (= L/2.0 x 10.5/2.0) 2.51.1 : nos. of piles (= L/2.0 x 10.5/2.0) 2.51.1 : nos. of piles (= L/2.0 x 10.5/2.0) 2.51.1 : nos. of piles (= L/2.0 x 10.5/2.0) 2.51.1 : nos. of piles (= L/2.0 x 10.5/2.0) 2.51.1 : nos. of piles (= L/2.0 x 10.5/2.0) 2.51.1 : nos. of piles (= L/2.0 x 10.5/2.0) 2.51.1 : nos. of piles (= L/2.0 x 10.5/2.0) 2.51
 | L=379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) $H=$ 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) 0.328 m2: Section area of concrete ditch 0.328 m2: Section area of contraction jouints ($-L/8.0m$) 0.328 m2: section area of contraction jouints ($-L/8.0m$) 0.33 m3 0.38 m2: section area of contraction jouints (
$-L/8.0m$) 0.33 m3 0.38 m2: section area of contraction jouints ($-L/8.0m$) 0.33 m3 0.38 m2: section area of contraction jouints ($-L/3.03$ m3 0.33 m1 0.38 m3 0.33 m3 0.33 m3 0.38 m3 0.38 m3 <td< td=""><td>L=379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0)H=2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)$c=$9.328 m2: Section area of concrete ditch$c=$9.328 m2: Section area of concrete ditch$d=$457 : nos. of weep holes (= 2 x H x L/4.0m2)$2=$48 : nos. of contraction jouints (= L/8.0m)$2=$48 : nos. of piles (= L/2.0 x 10.5/2.0)$3=$1140 : nos. of piles (= L/2.0 x 10.5/2.0)06 Geo-textile$-0.3 \times 0.3 \times n1$$06$ Geo-textile$-0.3 \times 0.3 \times n2$$07$ Concrete Type for weep hole$-0.3 \times 0.3 \times n1$$07$ Concrete Type 4$-0.3 \times 0.3 \times n2$$17$ Concrete Type 4$-0.3 \times 0.3 \times n2$$17$ Concrete Type 4$-11.7 \times 0.1 \times L$$17$ Concrete Type 5$-11.7 \times 0.1 \times L$$17$ Concrete Type 5$-11.7 \times n2.489 \times 6 \times L$$18$ Concrete ditch)$-4.47.78$$18$ Concrete ditch)$-2.489 \times 6 \times L$$18$ Concrete Type 5$-2.489 \times 6 \times L$$17$ Form. Type FI (for concrete ditch)$-2.489 \times 6 \times L$</td><td>L= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) 0.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.48 : nos. of veep holes (= 2 x H x L/4.0m2) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 2.40 : nos. of piles (= L/2.0 x 10.5/2.0) 2.40 : nos. of piles (= L/2.0 x 10.5/2.0) 2.40 : nos. of piles (= L/2.0 x 10.5/2.0) 2.40 : nos. of piles (= L/2.0 x 10.5/2.0) 2.40 : nos. of piles (= L/2.0 x 10.5/2.0) 2.40 : nos. of piles (= L/2.0 x 10.5/2.0) 2.40 : nos. of piles (= L/2.0 x 10.5/2.0) 2.40 : nos. of piles (= L/2.0 x 10.5/2.0) 2.41.1 sq. 2.40 : nos. of piles (= L/2.0 x 10.5/2.0) 2.40 : nos. of piles (= L/2.0 x 10.5/2.0) 2.40 : nos. of piles (= L/2.0 x 10.5/2.0) 2.41 : nos. 2.41 : nos. 2.41 : nos. 2.41 : nos. 3.41 : nos. 3.41 : nos. 4.41 : nos. <</td><td>L= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) - 9.328 m2: Section area of concrete dirch - 457 : nos. of weep holes (= Z xH x L/4.0m2) - 457 : nos. of piles (= L/2.0 x 10.5/2.0) 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) - 457 : nos. of piles (= L/2.0 x 10.5/2.0) 2.5 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.6 05 Geo-textile 06 Geo-textile -0.3 x 0.3 x n1 07 Stravel filter -0.3 x 0.3 x n1 08 Gravel filter -0.5 x 0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.5 x 0.1 14 Furnishing RC pile -0.5 x 0.1 15 Driving RC pile -0.5 x 0.1 x L 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -6.45.5 x 2 x L 10 Form, Type F2 -2.489 x 6 x L 10 Form, Type F2 -2.489 x 6 x L</td><td>L=379.4 m : Length of open culver (CM02+10.8 - CM05+18.0)$H=$$2.406 \text{ m}$: Height of cancrete channel (Design crest EL - Design channel bed EL)9.328 m2: Section area of concrete ditch9.328 m2: Section area of concrete ditch$457 \text{ : nos. of weep holes (= 2 x H x L/4.0m2)}$$48 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$$1140 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$$9.328 \text{ m2}$: Section area of contraction jouints (= L/8.0m)$2.400 \text{ m3}$$0.3 \text{ x } 0.3 \text{ x } n1$$0.6 \text{ Geo-textile}$$0.7 \text{ x } 0.3 \text{ x } 0.3 \text{ x } n1$$0.7 \text{ contract of piles (= L/2.0 x 10.5/2.0)}$$0.7 \text{ m3} \text{ x } 6.0$$0.7 \text{ m3} \text{ x } 0.3 \text{ m1}$$0.7 \text{ m3} \text{ m3} \text{ x } 0.3 \text{ m1}$$0.7 \text{ m3} \text{ m3} \text{ x } 0.3 \text{ m1}$$0.7 \text{ m3} \text{ m3}$</td><td>Le379.4 m : Length of open culver (CM02+10.8 - CM05+18.0)$=$$2.406$ m : Height of cancrete channel (Design crest EL Design channel bed EL)$=$$2.328$ m2. 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Type F2 9.7 (No.18) x 60 9.7 (Soncrete Type S 9.7 (No.18) x 60 </td><td>L= 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 0.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.457 : nos. of contraction jouints (= L/8.0m) 2.467 : nos. of piles (= L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.5 mi 2.6 Geo-textile 0.6 Geo-textile 0.7 x no. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.12 Discription 0.13 Discription 0.140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.17 Concrete Type 4 -0.3 x 0.3 x n1 1.17 X 0.1 x L 1.17 Concrete Type 4 -11.7 x 0.1 x L 1.17 Concrete Type 4 -11.7 x 0.1 x L 1.17 Concrete Type 4 -11.7 x 0.1 x L 1.17 Concrete ditch) 1.17 Concrete ditch) 1.17 Co</td><td>Le379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)$i =$2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)$c =$9.328 m2: Section area of concrete ditch$i =$457 : nos. of weep holes (= $L \times Am2$)$2 =$457 : nos. of contraction jouints (= $L/8.0m$)$3 =$1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$3 =$1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$3 =$1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$3 =$<math>1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$3 =$<math>1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$3 =$<math>1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$3 =$<math>1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$0 =$$0.3 \times 0.3 \times n1$$0 =$$0.3 \times 0.3 \times 0.3 \times n1$$0 =$$0.3 \times 0.3 \times n1$$0 =$$0.3 \times 0.3 \times n1$$0 =$$0.3 \times 0.3 \times 0.3 \times n1$$0 =$$0.3 \times 0.3 \times 0.3$</math></math></math></math></td><td> T9.4 m : Length of open culver (CM02+10.8 - CM05+18.0) 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (- 2 x H x L/4.0m2) 48 : nos. of contraction jouints (- L/8.0m) 48 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 05 Geo-textile 0.3 x 0.3 x n1 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 05 Geo-textile 0.3 x 0.3 x n1 112.3 cu 0.41.1 lsq 112.3 cu 0.5 x n1 0.6 (840.0) lin 1.7 x 0.1 x L 0.17 x 0.1 x L 0.17 concrete Type 5 1.17 x 0.1 x L 0.17 concrete Type 5 1.17 x 0.1 x L 0.17 concrete Type 5 0.11.7 x 0.1 x L 0.15 x 0.1 x L 0.17 concrete ditch) 1.7 concrete ditch) 1.17 x 0.1 x L 0.13 x530.0 cu 0.20 Form, Type F1 (for concrete ditch) 0.2.489 x 6 x L 0.2.12,342.0 kg 1.188.7 kg 0.212 x n2 0.212 x n2 </td><td>L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 0.328 m2: Section area of concrete ditch 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 45 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2. 48 : nos. of contraction jouints (= L / 8.0m) 3. 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 05 Geo-textile -0.3 x 0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x 0.3 x n1 07 PVC pipe for weep hole -0.3 x 0.3 x n2 08 PVC pipe for weep hole -0.3 x 0.3 x n1 09 FVC pipe for weep hole -0.3 x 0.3 x n2 09 FVC pipe for weep hole -0.3 x 0.3 x n2 017 Concrete Type 4 -11.7 x 0.1 x L 13 Form, Type FT (for concrete ditch) -Ac x L 14 Formi, Type F2 -2.489 x 6 x L 22 Form, Type F2 -10.5 x 0.2
 22 Form, Type F2 -1.1.7 x 0.1 x L 22 Form, Type F2 -1.1.840.0 lin 22 Form, Type F2 -1.1.840.0 lin</td></td></td<> | L=379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0)H=2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) $c=$ 9.328 m2: Section area of concrete ditch $c=$ 9.328 m2: Section area of concrete ditch $d=$ 457 : nos. of weep holes (= 2 x H x L/4.0m2) $2=$ 48 : nos. of contraction jouints (= L/8.0m) $2=$ 48 : nos. of piles (= L/2.0 x 10.5/2.0) $3=$ 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile $-0.3 \times 0.3 \times n1$ 06 Geo-textile $-0.3 \times 0.3 \times n2$ 07 Concrete Type for weep hole $-0.3 \times 0.3 \times n1$ 07 Concrete Type 4 $-0.3 \times 0.3 \times n2$ 17 Concrete Type 4 $-0.3 \times 0.3 \times n2$ 17 Concrete Type 4 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times 0.1 \times L$ 17 Concrete Type 5 $-11.7 \times n2.489 \times 6 \times L$ 18 Concrete ditch) $-4.47.78$ 18 Concrete ditch) $-2.489 \times 6 \times L$ 18 Concrete Type 5 $-2.489 \times 6 \times L$ 17 Form. Type FI (for concrete ditch) $-2.489 \times 6 \times L$
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 | L= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) - 9.328 m2: Section area of concrete dirch - 457 : nos. of weep holes (= Z xH x L/4.0m2) - 457 : nos. of piles (= L/2.0 x 10.5/2.0) 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) - 457 : nos. of piles (= L/2.0 x 10.5/2.0) 2.5 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.6 05 Geo-textile 06 Geo-textile -0.3 x 0.3 x n1 07 Stravel filter -0.3 x 0.3 x n1 08 Gravel filter -0.5 x 0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.5 x 0.1 14 Furnishing RC pile -0.5 x 0.1 15 Driving RC pile -0.5 x 0.1 x L 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -6.45.5 x 2 x L 10 Form, Type F2 -2.489 x 6 x L 10 Form, Type F2 -2.489 x 6 x L
 | L=379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) $H=$ 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) 9.328 m2 : Section area of concrete ditch 9.328 m2 : Section area of concrete ditch $457 \text{ : nos. of weep holes (= 2 x H x L/4.0m2)}$ $48 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$ $1140 \text{ : nos. of piles (= L/2.0 x 10.5/2.0)}$ 9.328 m2 : Section area of contraction jouints (= L/8.0m) 2.400 m3 $0.3 \text{ x } 0.3 \text{ x } n1$ 0.6 Geo-textile $0.7 \text{ x } 0.3 \text{ x } 0.3 \text{ x } n1$ $0.7 \text{ contract of piles (= L/2.0 x 10.5/2.0)}$ $0.7 \text{ m3} \text{ x } 6.0$ $0.7 \text{ m3} \text{ x } 0.3 \text{ m1}$ $0.7 \text{ m3} \text{ m3} \text{ x } 0.3 \text{ m1}$ $0.7 \text{ m3} \text{ m3} \text{ x } 0.3 \text{ m1}$ $0.7 \text{ m3} \text{ m3}$
 | Le379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) $=$ 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) $=$ 2.328 m2. Section area of concrete ditch $=$ 9.328 m2. Section area of concrete ditch $=$ 457 : nos. of veep holes (= $2 \times H \times L/4.0$ m2) $=$ 457 : nos. of piles (= $L/2.0 \times 10.5/2.0$) $=$ 48 : nos. of piles (= $L/2.0 \times 10.5/2.0$) $=$ $0.3 \times 0.3 \times n1$ $=$ $0.3 \times 0.3 \times n1$ $=$ $0.3 \times 0.3 \times n1$ $=$ $0.5 \times n1$ <td> T9.4 m : Length of open culver (CM02+10.8 - CM05+18.0) 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m3: Section area of concrete ditch 9.33 x n1 9.33 x n2 9.33 x n2 9.3 x 0.3 x n1 11.40 : nos. of piles (- L/2.0 x 10.5/2.0) 9.6 Geo-textile 9.3 x 0.3 x n1 9.5 x n2 9.5 Corm. Type F1 (for concrete ditch) 9.6 Form. Type F2 9.7 (No.18) x 60 9.7 (Soncrete Type S 9.7 (No.18) x 60 </td> <td>L= 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 0.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.457 : nos. of contraction jouints (= L/8.0m) 2.467 : nos. of piles (= L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.5 mi 2.6 Geo-textile 0.6 Geo-textile 0.7 x no. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.12 Discription 0.13 Discription 0.140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.17 Concrete Type 4 -0.3 x 0.3 x n1 1.17 X 0.1 x L 1.17 Concrete Type 4 -11.7 x 0.1 x L 1.17 Concrete Type 4 -11.7 x 0.1 x L 1.17 Concrete Type 4 -11.7 x 0.1 x L 1.17 Concrete ditch) 1.17 Concrete ditch) 1.17 Co</td> <td>Le379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)$i =$2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)$c =$9.328 m2: Section area of concrete ditch$i =$457 : nos. of weep holes (= $L \times Am2$)$2 =$457 : nos. of contraction jouints (= $L/8.0m$)$3 =$1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$3 =$1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$3 =$1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$3 =$<math>1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$3 =$<math>1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$3 =$<math>1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$3 =$<math>1140 : nos. of piles (= $L2.0 \times 10.5/2.0$)$0 =$$0.3 \times 0.3 \times n1$$0 =$$0.3 \times 0.3 \times 0.3 \times n1$$0 =$$0.3 \times 0.3 \times n1$$0 =$$0.3 \times 0.3 \times n1$$0 =$$0.3 \times 0.3 \times 0.3 \times n1$$0 =$$0.3 \times 0.3 \times 0.3$</math></math></math></math></td> <td> T9.4 m : Length of open culver (CM02+10.8 - CM05+18.0) 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (- 2 x H x L/4.0m2) 48 : nos. of contraction jouints (- L/8.0m) 48 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 05 Geo-textile 0.3 x 0.3 x n1 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 05 Geo-textile 0.3 x 0.3 x n1 112.3 cu 0.41.1 lsq 112.3 cu 0.5 x n1 0.6 (840.0) lin 1.7 x 0.1 x L
0.17 x 0.1 x L 0.17 concrete Type 5 1.17 x 0.1 x L 0.17 concrete Type 5 1.17 x 0.1 x L 0.17 concrete Type 5 0.11.7 x 0.1 x L 0.15 x 0.1 x L 0.17 concrete ditch) 1.7 concrete ditch) 1.17 x 0.1 x L 0.13 x530.0 cu 0.20 Form, Type F1 (for concrete ditch) 0.2.489 x 6 x L 0.2.12,342.0 kg 1.188.7 kg 0.212 x n2 0.212 x n2 </td> <td>L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 0.328 m2: Section area of concrete ditch 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 45 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2. 48 : nos. of contraction jouints (= L / 8.0m) 3. 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 05 Geo-textile -0.3 x 0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x 0.3 x n1 07 PVC pipe for weep hole -0.3 x 0.3 x n2 08 PVC pipe for weep hole -0.3 x 0.3 x n1 09 FVC pipe for weep hole -0.3 x 0.3 x n2 09 FVC pipe for weep hole -0.3 x 0.3 x n2 017 Concrete Type 4 -11.7 x 0.1 x L 13 Form, Type FT (for concrete ditch) -Ac x L 14 Formi, Type F2 -2.489 x 6 x L 22 Form, Type F2 -10.5 x 0.2 22 Form, Type F2 -1.1.7 x 0.1 x L 22 Form, Type F2 -1.1.840.0 lin 22 Form, Type F2 -1.1.840.0 lin</td> | T9.4 m : Length of open culver (CM02+10.8 - CM05+18.0) 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m3: Section area of concrete ditch 9.33 x n1 9.33 x n2 9.33 x n2 9.3 x 0.3 x n1 11.40 : nos. of piles (- L/2.0 x 10.5/2.0) 9.6 Geo-textile 9.3 x 0.3 x n1 9.5 x n2 9.5 Corm. Type F1 (for concrete ditch) 9.6 Form. Type F2 9.7 (No.18) x 60 9.7 (Soncrete Type S 9.7 (No.18) x 60
 | L= 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 0.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.457 : nos. of contraction jouints (= L/8.0m) 2.467 : nos. of piles (= L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.5 mi 2.6 Geo-textile 0.6 Geo-textile 0.7 x no. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.12 Discription 0.13 Discription 0.140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.17 Concrete Type 4 -0.3 x 0.3 x n1 1.17 X 0.1 x L 1.17 Concrete Type 4 -11.7 x 0.1 x L 1.17 Concrete Type 4 -11.7 x 0.1 x L 1.17 Concrete Type 4 -11.7 x 0.1 x L 1.17 Concrete ditch) 1.17 Concrete ditch) 1.17 Co | Le379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) $i =$ 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) $c =$ 9.328 m2: Section area of concrete ditch $i =$ 457 : nos. of weep holes (= $L \times Am2$) $2 =$ 457 : nos. of contraction jouints (= $L/8.0m$) $3 =$ 1140 : nos. of piles (= $L2.0 \times 10.5/2.0$) $3 =$ 1140 : nos. of piles (= $L2.0 \times 10.5/2.0$) $3 =$ 1140 : nos. of piles (= $L2.0 \times 10.5/2.0$) $3 =$ $1140 : nos. of piles (= L2.0 \times 10.5/2.0)3 =1140 : nos. of piles (= L2.0 \times 10.5/2.0)3 =1140 : nos. of piles (= L2.0 \times 10.5/2.0)3 =1140 : nos. of piles (= L2.0 \times 10.5/2.0)0 =0.3 \times 0.3 \times n10 =0.3 \times 0.3 \times 0.3 \times n10 =0.3 \times 0.3 \times n10 =0.3 \times 0.3 \times n10 =0.3 \times 0.3 \times 0.3 \times n10 =0.3 \times 0.3 \times 0.3$
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| | A m: Length of open culvert (CM02+10.8 - CM05+18.0) M m: Length of copen culvert (CM02+10.8 - CM05+18.0) m m: Fleight of cancrete channel (Design crest EL Design channel bed E m m: Section area of concrete ditch m nos. of weep holes (= 2 x H x L/4.0m2) m s. of contraction jouints (= L/ 8.0m) m s. of piles (= L/2.0 x 10.5/2.0) m nos. of piles (= L/2.0 x 10.5/2.0) | vert (CM02+10.8 - CM05+18.0)
vert (CM02+10.8 - CM05+18.0)
channel (Design crest EL Design channel bed EL
crete ditch
- 2 x H x L/4.0m2)
vuints (- L/ 8.0m)
x 10.5/2.0)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
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-0.5 x 12 | Concurrent: Data and Caractering and angle channels 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 2.35 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.48 : nos. of contraction jouints (= L / 8.0m) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 4.11.1 sq. (2.35 m1) 4.11.1 sq. (3.3 x n1) 4.11.1 sq. (3.3 x n1) 4.11.1 sq. (3.3 x n1) 4.11.1 sq. (4.0.5) n.2 x n1 4.43.9 cu 4.43.9 cu 4.43.9 cu 4.41.1 sq. (4.40.5) n.2 x x L 4.43.9 cu 4.43.9 cu 4.44.7 sq. (4.47.7 sq. (4.47.7
 | a 79.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) a 79.4 m: Length of concrete channel (Design crest EL - Design channel bed EL) a 2.406 m: Height of concrete channel (Design crest EL - Design channel bed EL) b 3328 m2: Section area of concrete dich b 457 : nos. of contraction jouints (- L/ 8.0m) c 48 : nos. of piles (- L/2.0 x 10.5/2.0) c 48 : nos. of piles (- L/2.0 x 10.5/2.0) c 9.3 x 0.3 x n1 c 9.3 x 0.3 x n1 c 9.3 x 0.3 x n1 c 12.3 cu c 6.3 40.0 lin c 11.7 x 0.1 x L

 | Concurrent: Data and Caractering diamage channels 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 2.328 m2: Section area of concrete ditch 457 : nos. of vecp holes (= 2 x H x L/4.0m2) 2.48 : nos. of contraction jouints (= L / 8.0m) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 2.411.1 sq 41.1 sq 44.0 sq 44.7 sq

 | Concurrent: Data and Caractering diamage channels 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 2.378 m2: Section area of concrete ditch 4.57 : nos. of weep holes (= 2 x H x L/4.0m2) 2.48 : nos. of contraction jouints (= L / 8.0m) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 4.1.1 sq 4.1.1 sq 4.1.1 sq 4.2.35 in 4.3.3 x n1 4.4.1 sq 4.4.1 sq<td>Concurrent: 5379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL) 2.338 m2: Section area of concrete ditch -2.457 : nos. of weep holes (= 2 x H x L/4.0m2) 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.48 : nos. of contraction jouints (= L/8.0m) 2.49 : nos. of piles (= L/2.0 x 10.5/2.0) 2.4140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.41.1 sq 06 Geo-textile 07 S Gravel filter 08 Gravel filter 09 PVC pipe for weep hole 14 Furnishing RC pile 15 Driving RC pile 16 Form, Type F1 (for concrete ditch) 17 x 0.1 x L 2.489 x 6 x L 2.489 x 6 x L</td><td>Construct. 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancete channel (Design crest EL Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 07 50.3 x 0.3 x n1 08 Gravel filter 09 PVC pipe for weep hole 09 FVUnishing RC pile 16 -0.3 x 0.3 x n1 17 -0.3 x 0.3 x n1 18 -0.3 x 0.3 x n1 19 Form, Type FI (for concrete ditch) 16 -1.1.7 x 0.1 x L 17 -4.49.0 bin 18 -0.5 x x 1 19 Form, Type FI (for concrete ditch) 16 -1.1.7 x 0.1 x L 19 -1.489 x 6 x L 19 -1.489 x 6 x L</td><td> Contrainter: Saturation Congrammer Condort 10.8 - CM05+18.0) 2.406 m : Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m : Height of cancete channel (Design crest EL Design channel bed EL) 2.406 m : of contraction jounts (= L/ 8.0m) 48 : nos. of contraction jounts (= L/ 8.0m) 48 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1177 x 0.1 x L 3.11177 x 0.1</td><td> Concurrent: Solution Constraints channel (CM02+10.8 - CM05+18.0) 2.406 m : Length of cancete channel (Design crest EL Design channel bed EL) 2.406 m : Height of cancete ditch 9.2328 m2: Section area of concrete ditch 9.238 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 458 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) Discription 06 Geo-textile 0.3 x 0.3 x n1 0.3 x 0.3 x n1 112.3 cu 0.3 x 0.3 x n1 12.3 cu 12.3 cu 12.3 cu 12.3 cu 12.3 cu 11.7 x 0.1 x L 440.0 lin 12.230.0 lin 13 Driving RC pile 11.7 x 0.1 x L 2.483 x 6.0 6.840.0 lin 15 Driving RC pile 17 Concrete Type 5 11.7 x 0.1 x L 2.483 x 6.0 17 Concrete Type 5 11.7 x 0.1 x L 2.205.1 sq. 2.205.1 sq.<td> Re of circuits: Joint Cengracing trainage channel 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete diath 2.328 m2: Section area of concrete diath 2.328 m2: Section area of concrete diath 2.40m) 2.40m) 2.40m) 2.40m) 2.41.40m 2.449 x 6.0 4.41.43.90m 4.41.43.90m 4.41.40m 4.41.</td><td> Concurrent: Solution Congrading training Concrete distinct (CM02+10.8 - 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CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete dirth 477 : nos. of contraction journs (- L / 8.0m) 48 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 4.11.1 sq. 4.11.1 sq.</td></td> | Concurrent: 5379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
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 | Construct. 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancete channel (Design crest EL Design channel bed EL) c= 9.328 m2: Section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 07 50.3 x 0.3 x n1 08 Gravel filter 09 PVC pipe for weep hole 09 FVUnishing RC pile 16 -0.3 x 0.3 x n1 17 -0.3 x 0.3 x n1 18 -0.3 x 0.3 x n1 19 Form, Type FI (for concrete ditch) 16 -1.1.7 x 0.1 x L 17 -4.49.0 bin 18 -0.5 x x 1 19 Form, Type FI (for concrete ditch) 16 -1.1.7 x 0.1 x L 19 -1.489 x 6 x L 19 -1.489 x 6 x L
 | Contrainter: Saturation Congrammer Condort 10.8 - CM05+18.0) 2.406 m : Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m : Height of cancete channel (Design crest EL Design channel bed EL) 2.406 m : of contraction jounts (= L/ 8.0m) 48 : nos. of contraction jounts (= L/ 8.0m) 48 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile (= L/2.0 x 10.5/2.0) 3.1177 x 0.1 x L 3.11177 x 0.1
 | Concurrent: Solution Constraints channel (CM02+10.8 - CM05+18.0) 2.406 m : Length of cancete channel (Design crest EL Design channel bed EL) 2.406 m : Height of cancete ditch 9.2328 m2: Section area of concrete ditch 9.238 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 458 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) Discription 06 Geo-textile 0.3 x 0.3 x n1 0.3 x 0.3 x n1 112.3 cu 0.3 x 0.3 x n1 12.3 cu 12.3 cu 12.3 cu 12.3 cu 12.3 cu 11.7 x 0.1 x L 440.0 lin 12.230.0 lin 13 Driving RC pile 11.7 x 0.1 x L 2.483 x 6.0 6.840.0 lin 15 Driving RC pile 17 Concrete Type 5 11.7 x 0.1 x L 2.483 x 6.0 17 Concrete Type 5 11.7 x 0.1 x L 2.205.1 sq. 2.205.1 sq.<td> Re of circuits: Joint Cengracing trainage channel 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete diath 2.328 m2: Section area of concrete diath 2.328 m2: Section area of concrete diath 2.40m) 2.40m) 2.40m) 2.40m) 2.41.40m 2.449 x 6.0 4.41.43.90m 4.41.43.90m 4.41.40m 4.41.</td><td> Concurrent: Solution Congrading training Concrete distinct (CM02+10.8 - CM05+18.0) 2.406 m : Length of open culver (CM02+10.8 - CM05+18.0) 2.406 m : Height of cancete channel (Design crest EL Design channel bed EL) 2.328 m2: Section area of concrete distinct 3.328 m2: Section area of concrete distinct 48 : nos. of weep holes (= 2 X H x L/4.0m2) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 41.1 sq. 0.3 x n1 41.1 sq. 12.3 cu 6.840.0 lin 7.600 create Type 5 7.600 create Type 5 7.400 create Type 5 7</td><td>Constraint:Saturation Congrating channel$L = 379.4 \text{ m}$:Length of open culvert (CM02+10.8 - CM05+18.0)$H = 2.406 \text{ m}$:Height of cancrete channel (Design crest EL Design channel bed EL)2.305 m:Section area of concrete ditch<math>4.77 \text{ : nos. of prices (= LZ.0 × 105/2.0)}Monthin<math>4.8 \text{ : nos. of prices (= LZ.0 × 105/2.0)}Monthin$2.9.35 \text{ m}$:$3.0.3 \text{ x nl}$<math>2.140 \text{ : nos. of prices (= LZ.0 × 105/2.0)}Monthin<math>2.9 \text{ verther area of contraction jouints (= L/8.0 m)Monthin<math>2.9 \text{ ros. of prices (= LZ.0 × 105/2.0)}Monthin$2.9 ros. of prices (= LZ.0 × 105/2.0)$Monthin$2.9 \text{ ros. of prices (= LZ.0 × 105/2.0)$Monthin$1.1 \text{ ros. of prices (= LZ.0 × 105/2.0)$Monthin$1.1 \text{ ro$</math></math></math></math></math></math></math></math></math></math></math></math></math></math></td><td> Concurrent: Datation Congrating channels 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete dirth 477 : nos. of contraction journs (- L / 8.0m) 48 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 4.11.1 sq. 4.11.1 sq.</td> | Re of circuits: Joint Cengracing trainage channel 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete diath 2.328 m2: Section area of concrete diath 2.328 m2: Section area of concrete diath 2.40m) 2.40m) 2.40m) 2.40m) 2.41.40m 2.449 x 6.0 4.41.43.90m 4.41.43.90m 4.41.40m 4.41.
 | Concurrent: Solution Congrading training Concrete distinct (CM02+10.8 - CM05+18.0) 2.406 m : Length of open culver (CM02+10.8 - CM05+18.0) 2.406 m : Height of cancete channel (Design crest EL Design channel bed EL) 2.328 m2: Section area of concrete distinct 3.328 m2: Section area of concrete distinct 48 : nos. of weep holes (= 2 X H x L/4.0m2) 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 41.1 sq. 0.3 x n1 41.1 sq. 12.3 cu 6.840.0 lin 7.600 create Type 5 7.600 create Type 5 7.400 create Type 5 7 | Constraint:Saturation Congrating channel $L = 379.4 \text{ m}$:Length of open culvert (CM02+10.8 - CM05+18.0) $H = 2.406 \text{ m}$:Height of cancrete channel (Design crest EL Design channel bed EL) 2.305 m :Section area of concrete ditch $4.77 \text{ : nos. of prices (= LZ.0 × 105/2.0)}Monthin4.8 \text{ : nos. of prices (= LZ.0 × 105/2.0)}Monthin2.9.35 \text{ m}:3.0.3 \text{ x nl}2.140 \text{ : nos. of prices (= LZ.0 × 105/2.0)}Monthin2.9 \text{ verther area of contraction jouints (= L/8.0 m)Monthin2.9 \text{ ros. of prices (= LZ.0 × 105/2.0)}Monthin2.9 ros. of prices (= LZ.0 × 105/2.0)Monthin2.9 \text{ ros. of prices (= LZ.0 × 105/2.0)Monthin1.1 \text{ ros. of prices (= LZ.0 × 105/2.0)Monthin1.1 \text{ ro$ | Concurrent: Datation Congrating channels 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete dirth 477 : nos. of contraction journs (- L / 8.0m) 48 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 2.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (- L/2.0 x 10.5/2.0) 4.11.1 sq. 4.11.1 sq. |
| | Saluran Cengkareng drainage channel
A m: Length of open culvert (CM02+10.8 - CM05+18.0)
6 m: Height of cancrete channel (Design crest EL Design channel bed E
8 m2: Section area of concrete ditch
7 : nos. of weep holes (= 2 x H x L /4.0m2)
48 : nos. of contraction jouints (= L / 8.0m)
40 : nos. of piles (= L/2.0 x 10.5/2.0)
40 : nos. of piles (= L/2.0 x 10.5/2.0)
40 : nos. of piles (= L/2.0 x 10.5/2.0)
41 = 0.3 x 0.3 x n1
51 = 0.3 x 0.3 x n1
52 = 0.3 x 0.3 x n1
53 = 0.5 x n1
50 = n3 x 6.0
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vert (CM02+10.8 - CM05+18.0)
channel (Design crest EL Design channel bed EL
crete ditch
-2 x H x L/4.0m2)
wints (= L/8.0m)
x 10.5/2.0)
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-0.3 x 0.3 x 0.3 x n1
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-0.5 | de of channel: Saluran Cengkareng drainage channel arrow and the sight of cancrete channel (Design crest EL Design channel bed EL) arrow of concrete ditch a. 2.406 m : Length of open culver (CM02+10.8 - CM05+18.0) a. 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) a. 3.79.4 m : Longth of open culver (CM02+10.8 - CM05+18.0) b. 3.2406 m : Height of cancrete channel (Design crest EL Design channel bed EL) a. 2.405 m : Fu × L / 4.0m2) b. 3.238 m2: Section area of concrete ditch a. 4.4.0m2) b. 4.4.1.1 sq. b. 1140 : nos. of piles (- L/2.0 x 10.5/2.0) b. 1140 : nos. of piles (- L/2.0 x 10.5/2.0) b. 1140 : nos. of piles (- L/2.0 x 10.5/2.0) b. 1140 : nos. of piles (- L/2.0 x 10.5/2.0) b. 1140 : nos. of piles (- L/2.0 x 10.5/2.0) b. 1140 : nos. of piles (- L/2.0 x 10.5/2.0) c. 4.43.9 cu b. 11.7 x 0.1 x L c. 4.43.9 cu c. 11.7 x 0.1 x L c. 4.43.9 cu c. 11.7 x 0.1 x L c. 4.43.9 cu c. 11.7 x 0.1 x L c. 4.43.9 cu c. 11.7 x 0.1 x L c. 4.43.9 cu c. 11.7 x 0.1 x L c. 4.43.9 cu c. 11.7 x 0.1 x L c. 4.43.9 cu c. 11.7 x 0.1 x L c. 4.43.9 cu c. 4.43.9 cu
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| USC KSQP 1 | Saluran Cengkareng drainage channel
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6 m: Height of cancrete channel (Design crest EL Design channel bed E
28 m2: Section area of concrete ditch
7 : nos. of weep holes (= 2 x H x L /4.0m2)
18 : nos. of contraction jouints (= L/ 8.0m)
10 : nos. of piles (= L/2.0 x 10.5/2.0)
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3 : n3 : n3 : n3 = n3 x 6.0
3 : n3 : n3 : n3 = n3 x 6.0
3 : n3 : n3 = n3 x 6.0 | Irainage channel
vert (CM02+10.8 - CM05+18.0)
channel (Design crest EL Design channel bed EL
crete ditch
- 2 x H x L/4.0m2)
wints (- L/ 8.0m)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x 12
-0.5 x 2 x 12
-0.5 | Image Channel: Saluran Cengkareng drainage channel Image Contraction 379.4 m: Length of concrete direh Image Contraction 2.406 m: Height of concrete direh Image Contraction 2.338 m2: Section area of concrete direh Image Contraction 9.328 m2: Section area of concrete direh Image Contraction 9.328 m2: Section area of concrete direh Image Contraction 9.328 m2: Section area of contraction jouints (= L/8.0m) Image Contraction 9.33 m1 Image Contraction 0.015/2.0) Image Contraction 0.03 x 0.3 x n1 Image Contraction -0.3 x 0.3 x n1 Image Contraction -0.3 x 0.3 x n1 Image Contraction -0.3 x 0.3 x n1 Image RC pile -0.3 x 0.3 x n1 Image RC pile -0.3 x 0.3 x n1 Image RC pile -0.5 x n1 Image RC pile -0.5 x 0.3 x 0.3 x n1 Image RC pile -0.5 x 0.1 x 0.1 x L Image RC pile -0.5 x 0.3 x 0.3 x n1 Image RC pile -0.5 x 0.3 x 0.3 x n1 Image RC pile -0.5 x 0.3 x 0.3 x n1 Image RC pile -0.5 x 0.3 x 0.3 x n1 Image RC pile -0.5 x 0.3
 | Le 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) He 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) He 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) - 2.373 m2: Section area of concrete ditch - 9.328 m2: Section area of concrete ditch - 0.35 x 0.3 x n1 0.6 Geo-textile -0.3 x 0.3 x n1 0.73 x 0.3 x n1 22.85.1 in 0.8 Gravel filter -0.3 x 0.3 x n1 0.9 PVC pipe for weep hole -0.3 x 0.3 x n1 1.17 x 0.1 x L -43.9 cu 1.17 Concrete Type 4 -11.7 x 0.1 x L 1.17 concrete Type 5 -46.0.5 x 0.2 x 0.2 x 0.1 x 0.1 x L 1.17 concrete Type 5 -46.0.5 x 0.2 x 0.1 x 0.1 x L

 | Contrained: Saluran Cengkareng drainage channel C= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) C= 379.4 m: Length of cancrete diamel C= 379.4 m: Length of cancrete diamel C= 2.406 m: Height of cancrete diamel C= 9.328 m2: Section are of concrete diamel A57 = nos. of contraction jouints (= L/8.0m) 2= 45 = nos. of piles (= L/2.0 × 10.5/2.0) 2= 1140 = nos. of piles (= L/2.0 × 10.5/2.0) 2= 1140 = nos. of piles (= L/2.0 × 10.5/2.0) 2= 1140 = nos. of piles (= L/2.0 × 10.5/2.0) 06 Geo-textile = 0.3 × 0.3 × n1 06 Geo-textile = 0.3 × 0.3 × n1 07 To so 0.3 × 0.3 × n1 = 12.3 cu 08 Gravel filter = 0.3 × 0.3 × n1 09 PVC pipe for weep hole = 0.3 × 0.3 × n1 14 Furnishing RC pile = 0.3 × 0.3 × n1 15 Diriving RC pile = 0.5 × 0.3 × n2 17 Concrete Type 4 = 11.7 × 0.1 × L 17 = 0.460.0 kin = 447.7 sq. 19 Form, Type F1

 | L- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H- 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) - 9.328 m2: section area of concrete dirth - 9.328 m2: section area of concrete dirth - 9.328 m2: section area of concrete dirth - 9.328 m2: section area of contraction jouints (-L/8.0m) - 48 : nos. of piles (-L/2.0 x 10.5/2.0) 2- 48 : nos. of piles (-L/2.0 x 10.5/2.0) 2- 48 : nos. of piles (-L/2.0 x 10.5/2.0) 3- 0.3 x 0.3 x nl 06 Geo-textile -0.3 x 0.3 x nl 07 Geo-textile -0.3 x 0.3 x nl 08 Gravel filter -0.3 x 0.3 x nl 09 PVC pipe for weep hole -0.3 x 0.3 x nl 14 Furnishing RC pile -0.3 x 0.3 x nl 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -11.7 x 0.1 x L 18 Form, Type FI (for concrete ditch) -Ac x L 18 Form, Type F2 -2.489 x 6 x L
 | contraction of
channel: Saluran Cengkareng drainage channel 579.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete diach 9.328 m2. Section area of concrete diach 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.405 m: Height of cancrete diach 457 : nos. of contraction jouints (= L/8.0m) 2.407.1 sq. 2.406 Geo-textile 2.400 Jincription 2.41.1 sq. 41.1 sq. 41.1 sq. 41.1 sq. 42.2 x n1 42.2 x n2 43.1 x 0.3 x n1 41.1 sq. 41.1 sq. 41.1 sq. 42.2 x n1 42.2 x n2 43.1 x 0.3 x n1 41.1 sq. 41.1 sq. 42.4 x 0.3 x n1 41.1 sq. 42.2 x 11 42.2 x 12 43.3 x 0.3 x n1 44.1 sq.
 | Le 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Le 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Le 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) e 9.328 m2: Section area of concrete ditch e 9.328 m2: Section area of concrete ditch 1 48 : nos. of weep holes (= 2 x H x L/4.0m2) 2 48 : nos. of contraction jouints (= L/8.0m) 2 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 1 6.840.0 lin 1 6.840.0 lin 1 6.840.0 lin 1 7 x 0.1 x L 2 5.0 1 6.840.0 lin 1 6.840.0 lin 1 7 x 0.1 x L 2 40.5 x nl 1 6.840.0 lin 1 7.0.1 x L 2 2.0.5 x nl 1 6.840.0 lin 1 6.840.0 lin 1 7.5 x 0.1 x L 2 2.0.5 x nl 1 6.0 x 0.1 x L 1 2.0.3 x 0.1 x L <td>Contrained: Saluran Cengkareng drainage channel Circle 379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) Circle 379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) Circle 2.406 m: Height of cancrete dirated (CM02+10.8 - CM02) Circle 9.328 m2: Section area of concrete dirated (CM02+10.8 - Design channel bed EL) - 2.328 m2: Section area of concrete dirated (CM02+10.8 - DM02) - 457 : nos. of contraction jouints (- L/ 8.0 m) - 458 : nos. of piles (- L/2.0 x 10.5/2.0) Discription Discription O6 Geo-textile 06 Geo-textile 07 0.3 x 0.3 x n1 08 Gravel filter 09 PVC pipe for weep hole 09 PVC pipe for weep hole 07.7 0.3 x 0.3 x n1 08 Gravel filter 09 PVC pipe for weep hole 11.4 Form, Type FI (for concrete ditch) 15 -11.7 x 0.1 x L 16 -2.489 x 6.1 17 -2.489 x 6.1 17 -2.489 x 6.1 17 -4.47.78 10.18 -0.16.1 <!--</td--><td>L- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) L- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H- 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m2: section area of contraction joints (- L/ 8.0m) 1- 457 : nos. of contraction joints (- L/ 8.0m) 2- 48 : nos. of contraction joints (- L/ 8.0m) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 2- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 05 Geo-textile -0.3 x 0.3 x n1 05 Fortwith RC pile -0.3 x 0.3 x n1 14 Flurnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -11.7 x 0.1 x L 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -6.0 5 x o.1 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -6.40.5 x c.L 19 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -2.489 x 6 x L</td><td> c of channel: Saluran Cengkareng drainage channel c 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section act occorrete dirch 457 : nos. of weep holes (- 2 x H x L/4.0m2) 2.48 : nos. of fontraction jouints (- L/ 8.0m) 3.48 : nos. of fontraction jouints (- L/ 8.0m) 3.40 : nos. of piles (- L/2.0 x 10.5/2.0) 3.41.1 sq. 66 Geo-textile 66 Geo-textile 60 Geo-textile 60 Fiver piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 11.17 x 0.1 x L 12.339.0 leu 11.18 11.17 x 0.1 x L 12.339.0 leu 11.17 x 0.1 x L 12.339.0 leu 11.17 x 0.1 x L 12.339.0 leu 13.18 140 : nos. of piles (- L/2.0 x 10.5/2.0) 14.1.18 141.18 141.18 141.18 141.18 141.18 141.18 141.18 141.18 141.17 x L 141.17 x L 141.17 x L 141.17</td><td>Le 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Le 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Le 379.4 m: Length of cancrete channel (Design crest EL Design channel bed EL) 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) - 9.328 m2: Section area of concrete ditch - 457 : nos. of weep holes (= 2 x H x L/4.0m2) - 458 : nos. of contraction jouints (= L/8.0m) 2.4 inso: of piles (= L/2.0 x 10.5/2.0) 2.4 inso: of piles (= L/2.0 x 10.5/2.0) 2.4 inso: of piles (= L/2.0 x 10.5/2.0) 3.5 inso: of piles (= L/2.0 x 10.5/2.0) 3.6 0.3 x 0.3 x n1 3.7 0.3 x 0.3 x n1 3.6 0.3 x 0.3 x n1 3.7 0.5 x 0.1 3.6 0.5 x 0.1 3.6 0.5 x 0.1 3.7 0.5 x 0.1 3.6 0.5 x 0.1 3.7 0.5 x 0.1 3.6 0.5 x 0.1 3.7 0.5 x 0.1 3.6 0.5 x 0.1 3.6 0.5 x 0.1 3.7 0.5 x 0.1 x L 3.7</td><td>L- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H- 379.4 m: Length of cancrete channel (Design creat EL - Design channel bed EL) 2.406 m: Height of cancrete channel (Design creat EL - Design channel bed EL) 2.405 m: Neight of cancrete channel (Design creat EL - Design channel bed EL) 2.405 m: Not section area of concrete ditch 457 : nos. of veep holes (= 2 x H x L/4.0m2) 2.457 : nos. of contraction jouints (= L / 8.0m) 2.451 mos. of piles (= U/2.0 x 10.5/2.0) 2.461 most of piles (= U/2.0 x 10.5/2.0) 2.481 most of piles (= U/2.0 x 10.5/2.0) 2.482 most of contraction jouints (= L / 8.0m) 2.41.1 gs 441.1 gs 441.1 gs 441.1 gs 441.1 gs 440.01 in 440.01 in <trr> 440.01 in <t< td=""><td>Contraction Saluran Cengkareng drainage channel C 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 379.4 m: Length of cancete channel (Design creat EL - Design channel bed EL) 0.328 m2:
Section area of concrete ditch 457 : nos. of veep holes (= 2 x H x L/4.0m2) 2.406 m: Height of cancete channel (Design creat EL - Design channel bed EL) 2.328 m2: Section area of concrete ditch 457 : nos. of veep holes (= 2 x H x L/4.0m2) 2.400 mints (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.117 concrete Type 4 4.11.17 x 0.1 x L 3.11.7 x 0.1 x L 3.11.7 x 0.1 x L 3.11.7 x n2 3.11.7 x n2 <!--</td--></td></t<></trr></td></td> | Contrained: Saluran Cengkareng drainage channel Circle 379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) Circle 379.4 m: Length of open culver (CM02+10.8 - CM05+18.0) Circle 2.406 m: Height of cancrete dirated (CM02+10.8 - CM02) Circle 9.328 m2: Section area of concrete dirated (CM02+10.8 - Design channel bed EL) - 2.328 m2: Section area of concrete dirated (CM02+10.8 - DM02) - 457 : nos. of contraction jouints (- L/ 8.0 m) - 458 : nos. of piles (- L/2.0 x 10.5/2.0) Discription Discription O6 Geo-textile 06 Geo-textile 07 0.3 x 0.3 x n1 08 Gravel filter 09 PVC pipe for weep hole 09 PVC pipe for weep hole 07.7 0.3 x 0.3 x n1 08 Gravel filter 09 PVC pipe for weep hole 11.4 Form, Type FI (for concrete ditch) 15 -11.7 x 0.1 x L 16 -2.489 x 6.1 17 -2.489 x 6.1 17 -2.489 x 6.1 17 -4.47.78 10.18 -0.16.1 </td <td>L- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) L- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H- 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m2: section area of contraction joints (- L/ 8.0m) 1- 457 : nos. of contraction joints (- L/ 8.0m) 2- 48 : nos. of contraction joints (- L/ 8.0m) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 2- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 05 Geo-textile -0.3 x 0.3 x n1 05 Fortwith RC pile -0.3 x 0.3 x n1 14 Flurnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -11.7 x 0.1 x L 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -6.0 5 x o.1 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -6.40.5 x c.L 19 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -2.489 x 6 x L</td> <td> c of channel: Saluran Cengkareng drainage channel c 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section act occorrete dirch 457 : nos. of weep holes (- 2 x H x L/4.0m2) 2.48 : nos. of fontraction jouints (- L/ 8.0m) 3.48 : nos. of fontraction jouints (- L/ 8.0m) 3.40 : nos. of piles (- L/2.0 x 10.5/2.0) 3.41.1 sq. 66 Geo-textile 66 Geo-textile 60 Geo-textile 60 Fiver piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 11.17 x 0.1 x L 12.339.0 leu 11.18 11.17 x 0.1 x L 12.339.0 leu 11.17 x 0.1 x L 12.339.0 leu 11.17 x 0.1 x L 12.339.0 leu 13.18 140 : nos. of piles (- L/2.0 x 10.5/2.0) 14.1.18 141.18 141.18 141.18 141.18 141.18 141.18 141.18 141.18 141.17 x L 141.17 x L 141.17 x L 141.17</td> <td>Le 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Le 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Le 379.4 m: Length of cancrete channel (Design crest EL Design channel bed EL) 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) - 9.328 m2: Section area of concrete ditch - 457 : nos. of weep holes (= 2 x H x L/4.0m2) - 458 : nos. of contraction jouints (= L/8.0m) 2.4 inso: of piles (= L/2.0 x 10.5/2.0) 2.4 inso: of piles (= L/2.0 x 10.5/2.0) 2.4 inso: of piles (= L/2.0 x 10.5/2.0) 3.5 inso: of piles (= L/2.0 x 10.5/2.0) 3.6 0.3 x 0.3 x n1 3.7 0.3 x 0.3 x n1 3.6 0.3 x 0.3 x n1 3.7 0.5 x 0.1 3.6 0.5 x 0.1 3.6 0.5 x 0.1 3.7 0.5 x 0.1 3.6 0.5 x 0.1 3.7 0.5 x 0.1 3.6 0.5 x 0.1 3.7 0.5 x 0.1 3.6 0.5 x 0.1 3.6 0.5 x 0.1 3.7 0.5 x 0.1 x L 3.7</td> <td>L- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H- 379.4 m: Length of cancrete channel (Design creat EL - Design channel bed EL) 2.406 m: Height of cancrete channel (Design creat EL - Design channel bed EL) 2.405 m: Neight of cancrete channel (Design creat EL - Design channel bed EL) 2.405 m: Not section area of concrete ditch 457 : nos. of veep holes (= 2 x H x L/4.0m2) 2.457 : nos. of contraction jouints (= L / 8.0m) 2.451 mos. of piles (= U/2.0 x 10.5/2.0) 2.461 most of piles (= U/2.0 x 10.5/2.0) 2.481 most of piles (= U/2.0 x 10.5/2.0) 2.482 most of contraction jouints (= L / 8.0m) 2.41.1 gs 441.1 gs 441.1 gs 441.1 gs 441.1 gs 440.01 in 440.01 in <trr> 440.01 in <t< td=""><td>Contraction Saluran Cengkareng drainage channel C 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 379.4 m: Length of cancete channel (Design creat EL - Design channel bed EL) 0.328 m2: Section area of concrete ditch 457 : nos. of veep holes (= 2 x H x L/4.0m2) 2.406 m: Height of cancete channel (Design creat EL - Design channel bed EL) 2.328 m2: Section area of concrete ditch 457 : nos. of veep holes (= 2 x H x L/4.0m2) 2.400 mints (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.117 concrete Type 4 4.11.17 x 0.1 x L 3.11.7 x 0.1 x L 3.11.7 x 0.1 x L 3.11.7 x n2 3.11.7 x n2 <!--</td--></td></t<></trr></td> | L- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) L- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H- 2.406 m: Height of cancrete channel
(Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m2: section area of contraction joints (- L/ 8.0m) 1- 457 : nos. of contraction joints (- L/ 8.0m) 2- 48 : nos. of contraction joints (- L/ 8.0m) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 2- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 05 Geo-textile -0.3 x 0.3 x n1 05 Fortwith RC pile -0.3 x 0.3 x n1 14 Flurnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -11.7 x 0.1 x L 17 Concrete Type 4 -11.7 x 0.1 x L 17 Concrete Type 5 -6.0 5 x o.1 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -6.40.5 x c.L 19 Form, Type F2 -2.489 x 6 x L 20 Form, Type F2 -2.489 x 6 x L | c of channel: Saluran Cengkareng drainage channel c 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL Design channel
bed EL) 9.328 m2: Section act occorrete dirch 457 : nos. of weep holes (- 2 x H x L/4.0m2) 2.48 : nos. of fontraction jouints (- L/ 8.0m) 3.48 : nos. of fontraction jouints (- L/ 8.0m) 3.40 : nos. of piles (- L/2.0 x 10.5/2.0) 3.41.1 sq. 66 Geo-textile 66 Geo-textile 60 Geo-textile 60 Fiver piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 11.17 x 0.1 x L 12.339.0 leu 11.18 11.17 x 0.1 x L 12.339.0 leu 11.17 x 0.1 x L 12.339.0 leu 11.17 x 0.1 x L 12.339.0 leu 13.18 140 : nos. of piles (- L/2.0 x 10.5/2.0) 14.1.18 141.18 141.18 141.18 141.18 141.18 141.18 141.18 141.18 141.17 x L 141.17 x L 141.17 x L 141.17 | Le 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Le 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Le 379.4 m: Length of cancrete channel (Design crest EL Design channel bed EL) 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) - 9.328 m2: Section area of concrete ditch - 457 : nos. of weep holes (= 2 x H x L/4.0m2) - 458 : nos. of contraction jouints (= L/8.0m) 2.4 inso: of piles (= L/2.0 x 10.5/2.0) 2.4 inso: of piles (= L/2.0 x 10.5/2.0) 2.4 inso: of piles (= L/2.0 x 10.5/2.0) 3.5 inso: of piles (= L/2.0 x 10.5/2.0) 3.6 0.3 x 0.3 x n1 3.7 0.3 x 0.3 x n1 3.6 0.3 x 0.3 x n1 3.7 0.5 x 0.1 3.6 0.5 x 0.1 3.6 0.5 x 0.1 3.7 0.5 x 0.1 3.6 0.5 x 0.1 3.7 0.5 x 0.1 3.6 0.5 x 0.1 3.7 0.5 x 0.1 3.6 0.5 x 0.1 3.6 0.5 x 0.1 3.7 0.5 x 0.1 x L 3.7
 | L- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H- 379.4 m: Length of cancrete channel (Design creat EL - Design channel bed EL) 2.406 m: Height of cancrete channel (Design creat EL - Design channel bed EL) 2.405 m: Neight of cancrete channel (Design creat EL - Design channel bed EL) 2.405 m: Not section area of concrete ditch 457 : nos. of veep holes (= 2 x H x L/4.0m2) 2.457 : nos. of contraction jouints (= L / 8.0m) 2.451 mos. of piles (= U/2.0 x 10.5/2.0) 2.461 most of piles (= U/2.0 x 10.5/2.0) 2.481 most of piles (= U/2.0 x 10.5/2.0) 2.482 most of contraction jouints (= L / 8.0m) 2.41.1 gs 441.1 gs 441.1 gs 441.1 gs 441.1 gs 440.01 in 440.01 in <trr> 440.01 in <t< td=""><td>Contraction Saluran Cengkareng drainage channel C 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 379.4 m: Length of cancete channel (Design creat EL - Design channel bed EL) 0.328 m2: Section area of concrete ditch 457 : nos. of veep holes (= 2 x H x L/4.0m2) 2.406 m: Height of cancete channel (Design creat EL - Design channel bed EL) 2.328 m2: Section area of concrete ditch 457 : nos. of veep holes (= 2 x H x L/4.0m2) 2.400 mints (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.117 concrete Type 4 4.11.17 x 0.1 x L 3.11.7 x 0.1 x L 3.11.7 x 0.1 x L 3.11.7 x n2 3.11.7 x n2 <!--</td--></td></t<></trr> | Contraction Saluran Cengkareng drainage channel C 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 379.4 m: Length of cancete channel (Design creat EL - Design channel bed EL) 0.328 m2: Section area of concrete ditch 457 : nos. of veep holes (= 2 x H x L/4.0m2) 2.406 m: Height of cancete channel (Design creat EL - Design channel bed EL) 2.328 m2: Section area of concrete ditch 457 : nos. of veep holes (= 2 x H x L/4.0m2) 2.400 mints (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.117 concrete Type 4 4.11.17 x 0.1 x L 3.11.7 x 0.1 x L 3.11.7 x 0.1 x L 3.11.7 x n2 3.11.7 x n2 </td |
| | Saluran Cengkareng drainage channel
A m: Length of open culvert (CM02+10.8 - CM05+18.0)
6 m: Height of cancrete channel (Design crest EL Design channel bed E
8 m2: Section area of concrete ditch
7 : nos. of weep holes (= 2 x H x L/4.0m2)
48 : nos. of contraction jouints (= L/ 8.0m)
40 : nos. of piles (= L/2.0 x 10.5/2.0)
40 : nos. of piles (= L/2.0 x 10.5/2.0)
41 = -0.3 x 0.3 x n1
42 = -0.3 x 0.3 x n1
43 = -0.5 x n1
44 = -0.5 x n1
45 = -0.5 x n1
46 = -0.5 x n1
47 = -0.5 x n1
48 = -0.5 x n1
49 = -0.5 x n1
40 = -0. | Irainage channel
vert (CM02+10.8 - CM05+18.0)
vert (CM02+10.8 - CM05+18.0)
channel (Design crest EL Design channel bed EL
crete ditch
- 2 x H x L / 4.0m2)
vuints (= L / 8.0m)
x 10.5/2.0)
x 10.5/2.0)
x 10.5/2.0)
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x 10.5/2.0)
x 10.5/2.0)
- 0.3 x 0.3 x 0.3 x n1
- 0.5 x 2 x L
- 0.5 x 2 x | Kage 5 Re of channel: Saluran Cengkareng drainage channel Ee of channel: Saluran Cengkareng drainage channel Ee of channel: Saluran Cengkareng drainage channel 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 2.328 m2: Section area of concrete dirch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.48 : nos. of contraction jouints (= L/8.0m) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 : nos. of pile 3.1140 : nos. of pi
 | Kage 5 ie of channel: Saluran Cengkareng drainage channel ie of channel: Saluran Cengkareng drainage channel iii 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) iii - 2.466 m : Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete dich - 9.328 m2: Section area of concrete dich - 457 : nos. of weep holes (- 2 x H x L/4.0m2) 2 - 48 : nos. of contraction jouints (- L/2.0 x 10.5/2.0) 2 - 48 : nos. of piles (- L/2.0 x 10.5/2.0) 2 - 48 : nos. of piles (- L/2.0 x 10.5/2.0) 2 - 48 : nos. of piles (- L/2.0 x 10.5/2.0) 2 - 48 : nos. of piles (- L/2.0 x 10.5/2.0) 2 - 48 : nos. of piles (- L/2.0 x 10.5/2.0) 2 - 48 : nos. of piles (- L/2.0 x 10.5/2.0) 2 - 48 : nos. of piles (- L/2.0 x 10.5/2.0) 2 - 48 : nos. of contraction 06 Geo-textile 06 Geo-textile 07 - 10.5/2.0) 08 Gravel filter 09 FVC pipe for weep hole 08 Gravel filter 09 FVC pipe for weep hole 16 Form, Type FI (for concrete ditch) 17 X 0.1 x L 18 Concrete Type 5 19 Form, Type FI (for concrete ditch) 10 = 1.7 x 0.1

 | Kage 5 ke of channel: Saluran Cengkareng drainage channel L= 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 0.328 m2: Section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 48 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.3 x 0.3 x n1 2= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 05 50 = 0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x n1 07 S rait -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 14 Furnishing RC pile -0.3 x 0.3 x n1 15 Driving RC pile -3.530.0 cu 17 Constret Type 4 -11.7 x 0.1 x L 17 Constret Type 5 -447.7 sq. 18 Form. Type F1 (for contrete ditch) -Ac x L 2.489 x 6 x L -Ac x 2 x L

 | Kage 5 kage 5 c of channel: Saluran Cengkareng drainage channel L= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) L= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) L= 2.466 m : Height of cancrete channel (Design crest EL Design channel bed EL) 0.328 m2: Section area of concrete ditch 1- 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0 Formet filter 0 Form, Type FI (for concrete ditch) 17 X 0.1 x L -443.9 cu 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -Ac x L -463.9 cu -467.7 sq.
 | Kage 5 ke of channel: Saluran Cengkareng drainage channel 1 = 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) 1 = 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) 1 = 2.406 m : Height of cancrete
channel (Design crest EL Design channel bed EL) 2 = 328 m2: Section area of concrete dirch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2 = 48 : nos. of contraction jouints (= L/8.0m) 2 = 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 41.1 sq. 06 Geo-textile 07 5 x n1 08 Gravel filter 09 PVC pipe for weep hole 114 Furnishing RC pile 07 5 x n1 07 5 x n1 08 Gravel filter 09 PVC pipe for weep hole 114 Furnishing RC pile 117 Concrete Type 4 117 X 0.1 x L 12 6.0 13 7.0 14 7.0 5 x 2 x L 19 Form, Type F2 10 Form, Type F2 10 Form, Type F2 <td>Kage 5 ce of channel: Saluran Cengkareng drainage channel L= 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 0.328 m2: Section area of concrete dirch 1= 2.405 m : Height of cancrete channel (Design crest EL Design channel bed EL) 2= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 01 f Prunishing RC pile -0.3 x 0.3 x n1 05 FOUN, Type FI (for concrete ditch) -A.6.0 16 Foun, Type FI (for concrete ditch) -A.6.0 17 X 0.1 x L -2.205.1 sq. 07 Foun, Type F2 -0.3 x 0.5 x 1</td> <td>Kage 5 te of channel: Saluran Cengkareng drainage channel te 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) te 3.79.4 m: Length of concrete channel (Design crest EL - Design channel bed EL) 2.406 m: Height of cancerte channel (Design crest EL - Design channel bed EL) 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.457 : nos. of piles (= L/2.0 x 10.5/2.0) 2.46 2.47 2.48 2.40 2.40 2.414 2.45 2.46 2.47 2.47 2.48 2.414 2.414 2.414 2.414 2.414 2.414 2.42 2.42 2.42 2.43 2.44 2.44 2.44 2.44 2.44 2.44 2.44 2.44 2.44 2.44 2.44 2.44 <t< td=""><td>Kage 5 te of channel: Saluran Cengkareng drainage channel te 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) te 379.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL) e 9.328 m2: Section area of concrete ditch 0.328 m2: Section area of concrete ditch 9.328 m2: Section area of concrete ditch 1 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 07.5 x n1 0.3 x 0.3 x n1 08 Gravel filter 09 PVC pipe for weep hole 11.7 x 0.1 x L 0.5 x n1 0.5 form, Type FI (for concrete ditch) -6.5 x n1 16 From, Type FI (for concrete ditch) 17.89 x 60 6.840.0 [li 17.000 -7.43.9 (cu 17.7 x 0.1 x L 2.205.1 [sq. 17.7 x 0.1 x L 2.205.1 [sq. 16 Form, Type FI (for concrete ditch) 17.7 x 0.1 x L 2.17.7 x 0.1 x L 19 Form, Type F2</td><td>Kage 5 ce of channel: Saluran Cengkareng drainage channel L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m2: socion area of concrete ditch 9.328 m2: section area of concrete ditch 9.32 m140 : nos. of piles (-LZ0 x 105/2.0) 9.1140 : nos. of piles (-LZ0 x 105/2.0) 9.1170 Concrete Type 4 9.11.7 x 0.1 x L 11.7 x 0.1 x L 12.3 foruntry 11.7 x 0.1 x L 11.7 x 0.1 x L 11.7 x 0.1 x L 11.7 x 0.1 x</td><td>Kage 5 ce of channel: Saluran Cengkareng drainage channel L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) - 9.328 m2: Section area of concrete ditch - 9.328 m2: Section area of concrete ditch - 48 : nos. of overpholes (= 2 x H x L/4.0m2) 22 48 : nos. of contraction jouints (= L/ 8.0m) 23 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 24 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 25 11140 : nos. of piles (= L/2.0 x 10.5/2.0) 26 26-ortextile 27 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 28 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 29 11140 : nos. of piles (= L/2.0 x 10.5/2.0) 20 Geo-textile 20 Geo-textile 21 -0.3 x 0.3 x n1 21 0.5/2.0) 21 -0.3 x 0.3 x n1 22 0.5/2.0 23 0.3 x 0.3 x n1 24 -5/2.0 x 0.3 x 0.3 x n1 20 -5/2.0 x 0.3 x 0.3 x n1 20 -5/2.0</td><td>Acage 5 Reage 5 Image of channel: Saluran Cengkareng drainage channel Image of channel: 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Image of channel: 9.328 m2: Section area of concrete dirch Image of cancere channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of contraction jouints (= L/8.0m) 11- 457 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 0.3 x 0.3 x n1 06 Geo-textrife 06 Geo-textrife 07.0 x n1 0.3 x 0.3 x n1 08 Cravel filter 09 PVC pripe for weep hole 15 Driving RC pile</td><td>Kage - 5 1 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 1 2.406 m: Height of cancreate channel (Design crest EL - Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m2: Section area of concrete ditch 1 47 : nos. of weep holes (= 2 X H x L/4.0m2) 2 48 : nos. of contraction jouins (= L/8.0m) 1 48 : nos. of contraction jouins (= L/8.0m) 2 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 0.13 x 0.3 x n1 41.1 sq. 06 6co-textile -0.3 x 0.3 x n1 05 7.0 x 10.5/2.0) 06 Geo-textile 07 VC pipe for weep hole -0.3 x 0.3 x n1 16 Frunishing RC pile 07 PVC pipe for weep hole -0.3 x 0.3 x n1 08 Form. Type FI (for concrete ditch) 17.7 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete ditch) -443.9 cu 17 Concrete ditch) -5.489 x 6 x L 18 Form. Type FI (for concrete ditch) -46.0.1 x L 19 -480.0.1 x L -443.9 cu </td></t<></td>
 | Kage 5 ce of channel: Saluran Cengkareng drainage channel L= 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 0.328 m2: Section area of concrete dirch 1= 2.405 m : Height of cancrete channel (Design crest EL Design channel bed EL) 2= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 01 f Prunishing RC pile -0.3 x 0.3 x n1 05 FOUN, Type FI (for concrete ditch) -A.6.0 16 Foun, Type FI (for concrete ditch) -A.6.0 17 X 0.1 x L -2.205.1 sq. 07 Foun, Type F2 -0.3 x 0.5 x 1
 | Kage 5 te of channel: Saluran Cengkareng drainage channel te 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) te 3.79.4 m: Length of concrete channel (Design crest EL - Design channel bed EL) 2.406 m: Height of cancerte channel (Design crest EL - Design channel bed EL) 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2.457 : nos. of piles (= L/2.0 x 10.5/2.0) 2.46 2.47 2.48 2.40 2.40 2.414 2.45 2.46 2.47 2.47 2.48 2.414 2.414 2.414 2.414 2.414 2.414 2.42 2.42 2.42 2.43 2.44 2.44 2.44 2.44 2.44 2.44 2.44 2.44 2.44 2.44 2.44 2.44 <t< td=""><td>Kage 5 te of channel: Saluran Cengkareng drainage channel te 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) te 379.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL) e 9.328 m2: Section area of concrete ditch 0.328 m2: Section area of concrete ditch 9.328 m2: Section area of concrete ditch 1 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06 Geo-textile 07.5 x n1 0.3 x 0.3 x n1 08 Gravel filter 09 PVC pipe for weep hole 11.7 x 0.1 x L 0.5 x n1 0.5 form, Type FI (for concrete ditch) -6.5 x n1 16 From, Type FI (for concrete ditch) 17.89 x 60 6.840.0 [li 17.000 -7.43.9 (cu 17.7 x 0.1 x L 2.205.1 [sq. 17.7 x 0.1 x L 2.205.1 [sq. 16 Form, Type FI (for concrete ditch) 17.7 x 0.1 x L 2.17.7 x 0.1 x L 19 Form, Type F2</td><td>Kage 5 ce of channel: Saluran Cengkareng drainage channel L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m2: socion area of concrete ditch 9.328 m2: section area of concrete ditch 9.32 m140 : nos. of piles (-LZ0 x 105/2.0) 9.1140 : nos. of piles (-LZ0 x 105/2.0) 9.1170 Concrete Type 4 9.11.7 x 0.1 x L 11.7 x 0.1 x L 12.3 foruntry 11.7 x 0.1 x L 11.7 x 0.1 x L 11.7 x 0.1 x L 11.7 x 0.1 x</td><td>Kage 5 ce of channel: Saluran Cengkareng drainage channel L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) - 9.328 m2: Section area of concrete ditch - 9.328 m2: Section area of concrete ditch - 48 : nos. of overpholes (= 2 x H x L/4.0m2) 22 48 : nos. of contraction jouints (= L/ 8.0m) 23 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 24 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 25 11140 : nos. of piles (= L/2.0 x 10.5/2.0) 26 26-ortextile 27 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 28 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 29 11140 : nos. of piles (= L/2.0 x 10.5/2.0) 20 Geo-textile 20 Geo-textile 21 -0.3 x 0.3 x n1 21 0.5/2.0) 21 -0.3 x 0.3 x n1 22 0.5/2.0 23 0.3 x 0.3 x n1 24 -5/2.0 x 0.3 x 0.3 x n1 20 -5/2.0 x 0.3 x 0.3 x n1 20 -5/2.0</td><td>Acage 5 Reage 5 Image of channel: Saluran Cengkareng drainage channel Image of channel: 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Image of channel: 9.328 m2: Section area of concrete dirch Image of cancere channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of contraction jouints (= L/8.0m) 11- 457 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 0.3 x 0.3 x n1 06 Geo-textrife 06 Geo-textrife 07.0 x n1 0.3 x 0.3 x n1 08 Cravel filter 09 PVC pripe for weep hole 15 Driving RC pile</td><td>Kage - 5 1 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 1 2.406 m: Height of cancreate channel (Design crest EL - Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m2: Section area of concrete ditch 1 47 : nos. of weep holes (= 2 X H x L/4.0m2) 2 48 : nos. of contraction jouins (= L/8.0m) 1 48 : nos. of contraction jouins (= L/8.0m) 2 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 0.13 x 0.3 x n1 41.1 sq. 06 6co-textile -0.3 x 0.3 x n1 05 7.0 x 10.5/2.0) 06 Geo-textile 07 VC pipe for weep hole -0.3 x 0.3 x n1 16 Frunishing RC pile 07 PVC pipe for weep hole -0.3 x 0.3 x n1 08 Form. Type FI (for concrete ditch) 17.7 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete ditch) -443.9 cu 17 Concrete ditch) -5.489 x 6 x L 18 Form. Type FI (for concrete ditch) -46.0.1 x L 19 -480.0.1 x L -443.9 cu </td></t<>
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 | Acage 5 Reage 5 Image of channel: Saluran Cengkareng drainage channel Image of channel: 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Image of channel: 9.328 m2: Section area of concrete dirch Image of cancere channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of contraction jouints (= L/8.0m) 11- 457 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 1140 : nos. of folles (= L2.0 x 10.5/2.0) 2- 0.3 x 0.3 x n1 06 Geo-textrife 06 Geo-textrife 07.0 x n1 0.3 x 0.3 x n1 08 Cravel filter 09 PVC pripe for weep hole 15 Driving RC pile | Kage - 5 1 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 1 2.406 m: Height of cancreate channel (Design crest EL - Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m2: Section area of concrete ditch 1 47 : nos. of weep holes (= 2 X H x L/4.0m2) 2 48 : nos. of contraction jouins (= L/8.0m) 1 48 : nos. of contraction jouins (= L/8.0m) 2 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 0.13 x 0.3 x n1 41.1 sq. 06 6co-textile -0.3 x 0.3 x n1 05 7.0 x 10.5/2.0) 06 Geo-textile 07 VC pipe for weep hole -0.3 x 0.3 x n1 16 Frunishing RC pile 07 PVC pipe for weep hole -0.3 x 0.3 x n1 08 Form. Type FI (for concrete ditch) 17.7 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete ditch) -443.9 cu 17 Concrete ditch) -5.489 x 6 x L 18 Form. Type FI (for concrete ditch) -46.0.1 x L 19 -480.0.1 x L -443.9 cu |
| | Saluran Cengkareng drainage channel
A m: Length of open culvert (CM02+10.8 - CM05+18.0)
6 m: Height of cancrete channel (Design crest EL Design channel bed E
38 m2: Section area of concrete ditch
57 : nos. of weep holes (= 2 x H x L/4.0m2)
48 : nos. of weep holes (= 2 x H x L/4.0m2)
49 : nos. of pieles (= L/2.0 x 10.5/2.0)
40 : nos. of pieles (= L/2.0 x 10.5/2.0)
50 : nos. of piele = -0.3 x 0.3 x n1
60.5 x n1
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vert (CM02+10.8 - CM05+18.0)
vert (CM02+10.8 - CM05+18.0)
channel (Design crest EL Design channel bed EL
crete ditch
- 2 x H x L/4.0m2)
vuints (- L/ 8.0m)
x 10.5/2.0)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x 0.3 x n1
-0.3 x 0.3 x 0.3 x n1
-0.5 x 12
-0.5 x 12
- | Kage 3 Kage 3 te of channel: Saluran Cengkareng drainage channel H= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) H= 379.4 m : Length of cancrete channel (Design crest EL Design channel bed EL) 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 1 457 : nos. of weep holes (= Z x H x L/4.0m2) 2.407 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 05 Geo-textile 06 Geo-textile 07 X nd -0.3 x 0.3 x nd 08 PVC pipe for weep hole 09 PVC pipe for weep hole 14 Furnishing RC pile 05 -0.3 x 0.3 x nd 05 -0.3 x 0.1 x L 05 -0.4 x 0.1 x L 06 -11.7 x 0.1 x L 19 Form, Type F1 (for concrete ditch) 19 -11.7 x 0.1 x L 10 -0.3 x 0.2 x L <trr> 10 -0.43.5 gec<td>Kage 3 ke of channel: Saluran Cengkareng drainage channel L= 379.4 m : Length of cancrete channel (Design crest EL Design channel bed EL) 1= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 2 9.328 m2: Section area of concrete ditch c= 9.328 m2: Section area of concrete ditch 2= 48 : nos. of veep holes (= Z x H x L /4.0m2) 2= 48 : nos. of contraction jouints (= L/ 8.0m) 3= 1140 : nos. of piles (= U/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= U/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= U/2.0 x 10.5/2.0) 05 Geo-textile 06 Geo-textile 07 0.3 x 0.3 x nl 08 Gravel filter 09 PVC pipe for weep hole 08 Gravel filter 09 PVC pipe for weep hole 14 -0.3 x 0.3 x nl 15 Driving RC pile 16 -0.3 x 0.3 x nl 17 -0.3 x 0.3 x nl 16 -0.3 x 0.3 x nl 17 -0.3 x 0.3 x nl 16 -0.3 x 0.3 x nl</td><td>Kage 3 Kage 3 te of channel: Saluran Cengkareng drainage channel H- 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) H- 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch - 9.328 m2: Section area of concrete ditch - 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2- 48 : nos. of contraction jouints (= L/8.0m) 2- 48 : nos. of contraction jouints (= L/8.0m) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3- 0.3 x n1 2-0.3 x 0.3 x n1 2.28.5 lin 05 Geo-textile 06 Geo-textile 07.0 x n1 -0.3 x 0.3 x n1 12.1 K 0.1 x L 2.28.5 lin 13.1 Fourthishing RC pile -0.3 x 0.3 x n1 14.1 Fourthype 4 -1.1.7 x 0.1 x L</td><td> krage 3 krage 3 te of channel: Saluran Cengkareng drainage channel 379.4 m : Length of cancrete drannel (Design crest EL Design channel bed EL) 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 457 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.3 x 0.3 x nl 0.5 x nl 0.6 (840.0) lin 141.1 sq 0.6 Form. Type F1 (for concrete ditch) 10.5 x nl 11.7 x 0.1 x L 12.3 sq 13.5 sq 140.5 x 2 x L 1447.7 sq 140.5 x 2 x L 150.7 (points) 20.6 form. Type F2 20.7 (points) </td><td> krage 3 krage 3 te of channel: Saluran Cengkareng drainage channel 379.4 m : Length of cancrete drannel (Design crest EL Design channel bed EL) 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL) 2.405 m : Height of cancrete channel (Design crest EL Design channel bed EL) 2.405 m : Height of cancrete channel (Design crest EL Design channel bed EL) 2.405 m : Height of cancrete channel (Design crest EL Design channel bed EL) 2.405 m : Most of cancrete channel (Design crest EL Design channel bed EL) 3.2140 m : Nos. of contraction jouints (= L/ 8.0m) 3.2140 m : nos. of piles (= L/2.0 x 10.5/2.0) 3.1140 m : nos. of piles (= L/2.0 x 10.5/2.0) 3.2140 m : nos. of piles (= L/2.0 x 10.5/2.0) 3.2350 m : 12.3 m i 3.5350 m i 3.5350 m : 12.3 m i 3.5350 m i 3.5550 m i 3.5550 m i 3.5550 m i 3.550 m i 3.550</td><td>krage 3 krage 3 krage 3 struran Cengkareng drainage channel i= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) i= 379.4 m : Length of cancrete channel (Design crest EL - Design channel bed EL) 0.3238 m2: Section area of concrete ditch 457 c= 9.3238 m2: Section area of concrete ditch 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) 9.3238 m2: Section area of concrete ditch 48<: nos. of contraction jouints (= L/8.0m)</td> 29 1140 1140 inos. of piles (= L/2.0 × 10.5/2.0) 33 1140 1140 inos. of piles (= L/2.0 × 10.5/2.0) 33 1140 34 inos. of piles (= L/2.0 × 10.5/2.0) 35 0.3 × 0.3 × 0.3 × 0.1 36 0.3 × 0.3 × 0.3 × 0.1 37 0.3 × 0.3 × 0.3 × 0.1 36 0.3 × 0.3 × 0.1 37 0.3 × 0.3 × 0.1 36 0.5 × n1 37 0.5 × n1 38 0.5 × n1 39 0.5 × n1 30 0.5 × n1 31 0.5 × n1 <t< td=""><td>kage 3 kage 3 te of channel: Saluran Cengkareng drainage channel H= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 48 : nos. of contraction jouints (= L/8.0m) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 06
Geo-textile 05 Geo-textile 06 Geo-textile 07.3 x n1 2.36.0 08 Gravel filter 09 PVC pipe for weep hole 16 Frunishing RC pile 09 PVC pipe for weep hole 17 Concrete Type 4 18 -0.3 x 0.3 x n1 16 Frunishing RC pile 17 -0.5 x 2.1 16 Frunishing RC pile 17 -0.5 x 2.1 17 <td< td=""><td>krage 3 krage 3 krage 3 sturan Cengkareng drainage channel L = 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete dirch 4328 m2: Section area of concrete dirch 1 = 457 : nos. of weep holes (= 2 x H x L/4.0m2) 9.328 m2: Section area of contraction jouints (= L/8.0m) 2 = 48 : nos. of piles (= L/2.0 x 10.5/2.0) 9.33 x 0.3 x n1 2 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 9.33 x 0.3 x n1 2 = 7 : nos. of piles (= L/2.0 x 10.5/2.0) 9.3 x 0.3 x n1 2 = 48 : nos. of piles (= L/2.0 x 10.5/2.0) 9.3 x 0.3 x n1 2 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 9.3 x 0.3 x n1 2 = 7 : nos. of piles (= L/2.0 x 10.5/2.0) 9.3 x 0.3 x n1 2 = 7 : nos. of piles (= L/2.0 x 10.5/2.0) 9.3 x 0.3 x n1 2 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 9.3 x 0.3 x n1 2 = 0.3 x 0.3 x n1 0.5 s 0.3 x 0.3 x n1 2 = 0.3 x 0.3 x n1 0.5 s 0.3 x 0.3 x n1 2 = 0.3 x 0.3 x n1 0.5 s 0.3 x 0.3 x n1 2 = 0.3 x 0.3 x n1 0.5 s 0.3 x 0.3 x n1 2 = 0.5 r n1 0.5 s 0.3 r 0.3 x n1 2 = 0.5 r n1 0.5 s 0.3 r 0.3 x n1</td><td>kage 3 kage 3 te of channel: Saluran Cengkareng drainage channel - 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H- 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) - 9.238 m2: Section area of concrete ditch - 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 05 Geo-textile 06 Geo-textile 07.5 x n1 08 Cravel filter 09 PVC pipe for weep hole 14 Furnishing RC pile 09 FVC pipe for weep hole 16 Form, Type FI (for concrete ditch) 17 Concrete Type 4 18 Concrete Type 5 19 Form, Type FI (for concrete ditch) 16 Form, Type FI (for concrete ditch) 17 No.18 x 60 18 Concrete ditch) 19 Form, Type FI (for concrete ditch) 20 Form, Type F2 21 Reinforcing bars 21 Reinforcing bars 20 Form, Type F2 20 Form, Type F2 20 Form, Type F2 20 Form, Type F2 <tr< td=""><td>krage 3 krage 3 krage 3 argut of open culvert (CM02+10.8 - CM05+18.0) H= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) 0.328 m2: Section area of concrete ditch 9.328 m2: section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 114.0 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 114.0 : nos. of piles (= L/2.0 x 10.5/2.0) 0 Breatpiton 0 Geo-textile 0.3 K 0.3 x n1 0.3 x 0.3 x n1 0.41.1 [sq. 0.5 Geo-textile -0.3 x 0.3 x n1 0.5 Fortwing RC pile -0.3 x 0.3 x n1 0.5 Fortwing RC pile -0.3 x 0.3 x n1 0.5 Fortwing RC pile -0.3 x 0.3 x n1 0.5 Fortwing RC pile -1.1.7 x 0.1 x L 1.6 Fortm. 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Type F2 -2.489 x 6 x L 1.11 Concrete ditch) -1.6.01 x L <</td><td>kage 3 kage 3 te of channel: Saluran Cengkareng drainage channel 1 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) 1 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) 2.328 m2: Section area of concrete ditch 9.328 m2: Section area of concrete ditch 1 457 : nos. of weep holts (= 2 x H x L/4.0m2) 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL) 2.328 m2: Section area of contraction jouints (= L / 8.0m) 2.407 : nos. of veep holts (= -U2.0 x 10.5/2.0) 3-1140 : nos. of piles (= -U2.0 x 10.5/2.0) 3-1140 : nos. of piles (= -U2.0 x 10.5/2.0) 3-1140 : nos. of piles (= -U2.0 x 10.5/2.0) 3-1140 : nos. of piles (= -U2.0 x 10.5/2.0) 3-1140 : nos. of piles (= -U2.0 x 10.5/2.0) 3-1140 : nos. of piles (= -U2.0 x 10.5/2.0) 3-1140 : nos. of piles (= U2.2.0 x 10.5/2.0) 3-1140 : nos. of piles (= U2.2.0 x 10.5/2.0) 3-1140 : nos. of piles (= U2.2.0 x 10.5/2.0) 3-1140 : nos. of piles (= U2.2.0 x 10.5/2.0) 3-1140 : nos. of piles (= U2.2.0 x 10.5/2.0) 3-1177 x 0.1 x L 3-1177 x 0.1</td><td>kage 3 kage 3 ke of channel: Saluran Cengkareng drainage channel - 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) 379.4 m : Length of concrete channel (Design crest EL - Design channel bed EL) 379.4 m : Length of concrete channel (Design crest EL - Design channel bed EL) 379.4 m : Length of concrete channel (Design crest EL - Design channel bed EL) 379.4 m : Length of concrete ditch - -</td></tr<></td></td<> | krage 3 krage 3 krage 3 sturan Cengkareng drainage channel L = 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete dirch 4328 m2: Section area of concrete dirch 1 = 457 : nos. of weep holes (= 2 x H x L/4.0m2) 9.328 m2: Section area of contraction jouints (= L/8.0m) 2 = 48 : nos. of piles (= L/2.0 x 10.5/2.0) 9.33 x 0.3 x n1 2 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 9.33 x 0.3 x n1 2 = 7 : nos. of piles (= L/2.0 x 10.5/2.0) 9.3 x 0.3 x n1 2 = 48 : nos. of piles (= L/2.0 x 10.5/2.0) 9.3 x 0.3 x n1 2 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 9.3 x 0.3 x n1 2 = 7 : nos. of piles (= L/2.0 x 10.5/2.0) 9.3 x 0.3 x n1 2 = 7 : nos. of piles (= L/2.0 x 10.5/2.0) 9.3 x 0.3 x n1 2 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 9.3 x 0.3 x n1 2 = 0.3 x 0.3 x n1 0.5 s 0.3 x 0.3 x n1 2 = 0.3 x 0.3 x n1 0.5 s 0.3 x 0.3 x n1 2 = 0.3 x 0.3 x n1 0.5 s 0.3 x 0.3 x n1 2 = 0.3 x 0.3 x n1 0.5 s 0.3 x 0.3 x n1 2 = 0.5 r n1 0.5 s 0.3 r 0.3 x n1 2 = 0.5 r n1 0.5 s 0.3 r 0.3 x n1
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Saluran Cengkareng drainage channel
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8 m2: Section area of concrete ditch
7 : nos. of weep holes (= 2 x H x L/4.0m2)
48 : nos. of contraction jouints (= L/ 8.0m)
40 : nos. of piles (= L/2.0 x 10.5/2.0)
40 : nos. of piles (= L/2.0 x 10.5/2 | Irainage channel
vert (CM02+10.8 - CM05+18.0)
vert (CM02+10.8 - CM05+18.0)
channel (Design crest EL Design channel bed EL
crete ditch
- 2 x H x L/4.0m2)
vuints (= L/ 8.0m)
x 10.5/2.0)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
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-1.7 x 0.1 x L
-(H+0.5) x 2 x L
-(H+0.5) x 2 x L | kage 5 kage 5 ie of channel: Saluran Cengkareng drainage channel L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 379.4 m: Length of cancrete channel (Design crest EL Design channel bed EL.) 2.306 m: Height of cancrete dirch 9.328 m2: Section area of concrete dirch e= 9.328 m2: Section area of concrete dirch 1 48 : nos. of piles (= 2 X H x L/4.0m2) 2.300 for exercise 0.3 x 0.3 x n1 2.31140 : nos. of piles (= L/2.0 x 10.5/2.0) Quantity 06 Geo-textile -0.3 x 0.3 x n1 07.3 K Gravel filter -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 1.4 Furnishing RC pile -0.3 x 0.3 X n1 1.4 Furnishing RC pile -1.7.7 x 0.1 x L 2.433 for -11.7 x 0.1 x L 2.505.1 sq. -11.7 x 0.1 x L 2.60 (for concrete ditch) -11.7 x 0.1 x L 1.9 Form. Type F1 (for concrete ditch) -11.7 x 0.1 x L 1.9 Form. Type F1 (for concrete ditch) -11.7 x 0.1 x L
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 | kage 5 kage 5 kage 6 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) L= 379.4 m: Length of concrete direh 0.328 m2: Section area of concrete direh 9.328 m2: Section area of concrete direh 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of piles (= L/2.0 x 10.5/2.0) 3= 1140 : nos. of piles
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dirch$=$ 3.238 m2: Section area of contraction jouints (= L / 8.0m)$=$ 48 : nos. of fountaction jouints (= L / 8.0m)$=$ 48 : nos. of fountaction jouints (= L / 8.0m)$=$ 48 : nos. of fountaction jouints (= L / 8.0m)$=$ 48 : nos. of fountaction jouints (= L / 8.0m)$=$ 48 : nos. of fountaction jouints (= L / 8.0m)$=$ 48 : nos. of fountaction jouints (= L / 8.0m)$=$ 48 : nos. of fountaction jouints (= L / 8.0m)$=$ 48 : nos. of fountaction jouints (= L / 8.0m)$=$ 48 : nos. of fountaction jouints (= L / 8.0m)$=$ 48 : nos. of fountaction jouints (= L / 8.0m)$=$ 48 : nos. of fountaction jouints (= L / 8.0m)$=$ 48 : nos. of fountaction jouints (= L / 8.0m)$=$ 1140 : nos. of fountaction jouints (= L / 8.0m)$=$ 0.3 x 0.3 x n1$=$ 0.1400 : nos. of piles$=$ 0.3 x 0.3 x 0.3 x n1$=$ 0.3 x 0.3 x 0.3 x n1$=$ 0.3 x 0.3 x 0.3 x n1$=$ 0.3 x 0</td><td>kage 3 kage 3 kage 3 saluran Cengkareng drainage channel t= 379.4 m: Length of concrete channel (Design crest EL - Design channel bed EL) - 9.328 m2: Section area of concrete ditch e= 9.328 m2: Section area of concrete ditch - 9.328 m2: Section area of contraction joints (-L/A0m2) - 9.328 m2: Section area of contraction joints (-L/A0m2) - 9.328 m2: Section area of contraction joints (-L/A0m2) - 1140 : nos. of piles (-L/20 x 10.5/2.0) 3- 1140 : nos. of piles (-L/20 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 Section area of contraction -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 16 Furnishing RC pile -0.3 x 0.3 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -A6 x L 10 Form, Type FI (for concrete ditch) -A6 x L</td><td>kage 3 saluran Cengkareng drainage channel Le 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Le 379.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL) 9.328 m2. Section area of concrete dirch e 457 : nos. of verta of contraction jouints (- L / 8.0m) 2.406 m: Height of cancrete dirch 9.328 m2. Section area of contraction jouints (- L / 8.0m) 2.47 : nos. of contraction jouints (- L / 8.0m) 3.5 : nos. of contraction jouints (- L / 8.0m) 2.5 : nos. of contraction jouints (- L / 8.0m) 3.6 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.8 : nos. of piles (- L/2.0 x 10.5/2.0)</td><td>kage 3 Saluran Cengkareng drainage channel kage 3 Saluran Cengkareng drainage channel 1 3794 m : Length of open culvert (CM02+10.8 - CM05+18.0) 2 3794 m : Length of cancere diath 2 9.328 m2: Section area of concrete diath 1 457 : nos. of weep holes (- 2 x H x L/4.0m2) 2 48 : nos. of contraction jouints (- L/8.0m) 3 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3 0.5 x 0.3 x n1 41.1 sq -0.3 x 0.3 x n1 06 Geo-textile 07 Geo-textile 08 PVC pipe for weep hole 16 Prinxing RC pile 09 PVC pipe for weep hole 16 -0.3 x 0.3 x n1 17 0.5 x 11 16 0.5 x 11 17 0.5 x 11 16 -0.3 x 0.3 x n1 17 0.5 x 11 16 0.5 x 11 17 0.5 x 11 16 Prinxing RC pile 17 Procucret Typ</td><td>kage 3 kage 3 kage 3 saluran Cengkareng drainage channel 1 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) 1 2.406 m : Height of cancere channel (Design crest EL - Design channel bed EL) 9.328 m2. Section area of concrete ditch 41.1 1 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2 48 : nos. of contraction jouints (= L/8.0m) 2 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 48 : nos. of contraction jouints (= L/8.0m) Quantity 25 26 66 660-textile 66 -0.3 x 0.3 x n1 7.4.0m2 3.5 x 0.3 x n1 7.5 x 10 2.235 x 11 26 -0.3 x 0.3 x n1 27.5 x 10 -0.3 x 0.3 x n1 28 -0.3 x 0.3 x n1 29 -0.1 x 0.1 x L 20 -0.3 x 0.3 x n1 21 -0.3 x 0.3 x n1 21 -0.3 x 0.3 x n1 28 -0.3 x 0.3 x n1 29 -0.1 x 0.1 x L 20</td></td> | kage 5 kage 5 kage 6 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) L= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) c= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) c= 379.4 m:
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Section area of contraction jouints (- L / 8.0m) 2.47 : nos. of contraction jouints (- L / 8.0m) 3.5 : nos. of contraction jouints (- L / 8.0m) 2.5 : nos. of contraction jouints (- L / 8.0m) 3.6 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.8 : nos. of piles (- L/2.0 x 10.5/2.0)</td> <td>kage 3 Saluran Cengkareng drainage channel kage 3 Saluran Cengkareng drainage channel 1 3794 m : Length of open culvert (CM02+10.8 - CM05+18.0) 2 3794 m : Length of cancere diath 2 9.328 m2: Section area of concrete diath 1 457 : nos. of weep holes (- 2 x H x L/4.0m2) 2 48 : nos. of contraction jouints (- L/8.0m) 3 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3 0.5 x 0.3 x n1 41.1 sq -0.3 x 0.3 x n1 06 Geo-textile 07 Geo-textile 08 PVC pipe for weep hole 16 Prinxing RC pile 09 PVC pipe for weep hole 16 -0.3 x 0.3 x n1 17 0.5 x 11 16 0.5 x 11 17 0.5 x 11 16 -0.3 x 0.3 x n1 17 0.5 x 11 16 0.5 x 11 17 0.5 x 11 16 Prinxing RC pile 17 Procucret Typ</td> <td>kage 3 kage 3 kage 3 saluran Cengkareng drainage channel 1 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) 1 2.406 m : Height of cancere channel (Design crest EL - Design channel bed EL) 9.328 m2. Section area of concrete ditch 41.1 1 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2 48 : nos. of contraction jouints (= L/8.0m) 2 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 48 : nos. of contraction jouints (= L/8.0m) Quantity 25 26 66 660-textile 66 -0.3 x 0.3 x n1 7.4.0m2 3.5 x 0.3 x n1 7.5 x 10 2.235 x 11 26 -0.3 x 0.3 x n1 27.5 x 10 -0.3 x 0.3 x n1 28 -0.3 x 0.3 x n1 29 -0.1 x 0.1 x L 20 -0.3 x 0.3 x n1 21 -0.3 x 0.3 x n1 21 -0.3 x 0.3 x n1 28 -0.3 x 0.3 x n1 29 -0.1 x 0.1 x L 20</td>
 | kage 5 kage 5 kage 6 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 1 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m2: Section area of concrete ditch 1 457 : nos. of weep holes (= L/2.0, x 10.5/2.0) 2 48 : nos. of piles (= L/2.0, x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0, x 10.5/2.0) 2 1140 : nos. of piles (= L/2.0, x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0, x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0, x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0, x 10.5/2.0) 41.1 sq. 0.3 x 0.3 x n1 41.1 sq. -0.3 x 0.3 x n1 0.5 Geo-textile -0.3 x 0.3 x n1 0.5 Fornur Type for weep hole -0.3 x 0.3 x n1 0.5 Fornur Type F1 (for concrete ditch) -11.7 x 0.1 x L 1.6 Fornur Type F1 (for concrete ditch) -46.5 x 0.5 x 10.5 x 10
 | Kage 5 kage 5 Le 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H 2.406 m: Height of concrete channel (Design crest EL Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m2: Section area of contraction jouins (= L/8.0m) 1 437 : nos. of contraction jouins (= L/8.0m) 2.406 m: Height of concrete ditch 437 : nos. of contraction jouins (= L/8.0m) 2.41140 : nos. of formation jouins (= L/8.0m) 2.400 mints 2.48 : nos. of formation jouins (= L/2.0 x 10.5/2.0) 0.3 x 0.3 x n1 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 0.3 x 0.3 x n1 2.48 : nos. of piles (= L/2.0 x 10.5/2.0) 0.3 x 0.3 x n1 2.49 : nos. of piles (= L/2.0 x 10.5/2.0) 0.3 x 0.3 x n1 2.41.140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.3 x 0.3 x n1 2.41.140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.3 x 0.3 x n1 2.41.140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.3 x 0.3 x n1 2.41.140 : nos. of piles (= L/2.0 x 10.5/2.0) 0.3 x 0.3 x n1 2.42.1177 : nos. of piles (= L/2.0 x 10.5/2.0) 0.3 x 0.3 x n1 2.42.1177 : nos. of piles (= L/2.0 x 10.5/2.0) 0.3 x 0.3 x n1 2.42.1177 : nos. of pile -0.3 x 0.3 x n1 3.500 : nos. of pile -1.177 x 0.1 x L | Kage 3kage 3kage 3kage 4kage 5kage 5 $=$ 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) $=$ 379.4 m: Length of cancere channel (Design crest EL - Design channel bed EL) $=$ 3.406 m: Height of cancere dirch $=$
3.2.406 m: Height of cancere dirch $=$ 3.2.406 m: Height of cancere dirch $=$ 3.2.406 m: Height of cancere dirch $=$ 3.238 m2: Section area of contraction jouints (= L / 8.0m) $=$ 48 : nos. of fountaction jouints (= L / 8.0m) $=$ 48 : nos. of fountaction jouints (= L / 8.0m) $=$ 48 : nos. of fountaction jouints (= L / 8.0m) $=$ 48 : nos. of fountaction jouints (= L / 8.0m) $=$ 48 : nos. of fountaction jouints (= L / 8.0m) $=$ 48 : nos. of fountaction jouints (= L / 8.0m) $=$ 48 : nos. of fountaction jouints (= L / 8.0m) $=$ 48 : nos. of fountaction jouints (= L / 8.0m) $=$ 48 : nos. of fountaction jouints (= L / 8.0m) $=$ 48 : nos. of fountaction jouints (= L / 8.0m) $=$ 48 : nos. of fountaction jouints (= L / 8.0m) $=$ 48 : nos. of fountaction jouints (= L / 8.0m) $=$ 1140 : nos. of fountaction jouints (= L / 8.0m) $=$ 0.3 x 0.3 x n1 $=$ 0.1400 : nos. of piles $=$ 0.3 x 0.3 x 0.3 x n1 $=$ 0.3 x 0.3 x 0.3 x n1 $=$ 0.3 x 0.3 x 0.3 x n1 $=$ 0.3 x 0 | kage 3 kage 3 kage 3 saluran Cengkareng drainage channel t= 379.4 m: Length of concrete channel (Design crest EL - Design channel bed EL) - 9.328 m2: Section area of concrete ditch e= 9.328 m2: Section area of concrete ditch - 9.328 m2: Section area of contraction joints (-L/A0m2) - 9.328 m2: Section area of contraction joints (-L/A0m2) - 9.328 m2: Section
area of contraction joints (-L/A0m2) - 1140 : nos. of piles (-L/20 x 10.5/2.0) 3- 1140 : nos. of piles (-L/20 x 10.5/2.0) 06 Geo-textile -0.3 x 0.3 x n1 07 Section area of contraction -0.3 x 0.3 x n1 08 Gravel filter -0.3 x 0.3 x n1 09 PVC pipe for weep hole -0.3 x 0.3 x n1 16 Furnishing RC pile -0.3 x 0.3 x n1 17 Concrete Type 4 -11.7 x 0.1 x L 18 Concrete Type 5 -11.7 x 0.1 x L 19 Form, Type FI (for concrete ditch) -A6 x L 10 Form, Type FI (for concrete ditch) -A6 x L | kage 3 saluran Cengkareng drainage channel Le 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Le 379.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL) 9.328 m2. Section area of concrete dirch e 457 : nos. of verta of contraction jouints (- L / 8.0m) 2.406 m: Height of cancrete dirch 9.328 m2. Section area of contraction jouints (- L / 8.0m) 2.47 : nos. of contraction jouints (- L / 8.0m) 3.5 : nos. of contraction jouints (- L / 8.0m) 2.5 : nos. of contraction jouints (- L / 8.0m) 3.6 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.7 : nos. of piles (- L/2.0 x 10.5/2.0) 3.8 : nos. of piles (- L/2.0 x 10.5/2.0)
 | kage 3 Saluran Cengkareng drainage channel kage 3 Saluran Cengkareng drainage channel 1 3794 m : Length of open culvert (CM02+10.8 - CM05+18.0) 2 3794 m : Length of cancere diath 2 9.328 m2: Section area of concrete diath 1 457 : nos. of weep holes (- 2 x H x L/4.0m2) 2 48 : nos. of contraction jouints (- L/8.0m) 3 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (- L/2.0 x 10.5/2.0) 3 0.5 x 0.3 x n1 41.1 sq -0.3 x 0.3 x n1 06 Geo-textile 07 Geo-textile 08 PVC pipe for weep hole 16 Prinxing RC pile 09 PVC pipe for weep hole 16 -0.3 x 0.3 x n1 17 0.5 x 11 16 0.5 x 11 17 0.5 x 11 16 -0.3 x 0.3 x n1 17 0.5 x 11 16 0.5 x 11 17 0.5 x 11 16 Prinxing RC pile 17 Procucret Typ | kage 3 kage 3 kage 3 saluran Cengkareng drainage channel 1 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0) 1 2.406 m : Height of cancere channel (Design crest EL - Design channel bed EL) 9.328 m2. Section area of concrete ditch 41.1 1 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2 48 : nos. of contraction jouints (= L/8.0m) 2 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= L/2.0 x 10.5/2.0) 48 : nos. of contraction jouints (= L/8.0m) Quantity 25 26 66 660-textile 66 -0.3 x 0.3 x n1 7.4.0m2 3.5 x 0.3 x n1 7.5 x 10 2.235 x 11 26 -0.3 x 0.3 x n1 27.5 x 10 -0.3 x 0.3 x n1 28 -0.3 x 0.3 x n1 29 -0.1 x 0.1 x L 20 -0.3 x 0.3 x n1 21 -0.3 x 0.3 x n1 21 -0.3 x 0.3 x n1 28 -0.3 x 0.3 x n1 29 -0.1 x 0.1 x L 20 |
| | No. 2.6 Concrete ditch and culvert Saluran Cengkareng drainage channel A m: Length of open culver (CM02+10.8 - CM05+18.0) 6 m: Height of cancrete channel (Design crest EL Design channel bed E 8 m2: Section area of concrete ditch 7 : nos. of wcep holes (= 2 x H x L/4.0m2) 48 : nos. of wcep holes (= 2 x H x L/4.0m2) 49 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) | ch and culvert
trainage channel
vert (CM02+10.8 - CM05+18.0)
hannel (Design crest EL Design channel bed EL
crete ditch
- 2 x H x L/4.0m2)
wints (= L/ 8.0m)
x 10.5/2.0)
x 10.5/2.0)
x 10.5/2.0)
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.3 x 0.3 x n1
-0.5 x 12
-0.5 x 2 x L
-0.5 x 2 x L
-0.5 x 2 x L
-0.5 x 2 x L
-0.5 x 2 x L | k division: No. 2.6 Concrete ditch and culvert
kage 3
L= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0)
H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)
2.406 m : Height of cancrete ditch
= 9.328 m2: Section area of concrete ditch
= 457 : nos. of weep holes (= 2 x H x L/4.0m2)
2 = 48 : nos. of contraction jouints (= L/8.0m)
3 = 1140 : nos. of piles (= L2.0 x 10.5/2.0)
3 = 1140 : nos. of piles (= L2.0 x 10.5/2.0)
3 = 1140 : nos. of piles (= L2.0 x 10.5/2.0)
3 = 1140 : nos. of piles (= L2.0 x 10.5/2.0)
5 = 11.7 x 0.1 x L
3 = 0.3 x 0.3 x n1
4 = 0.3 x 0.3 x n1
5 Discription
5 = 0.3 x 0.3 x 0.3 x n1
5 = 0.3 x 0.3 x 0.3 x 0.3 x 0.1 x 1
5 = 0.3 x 0.1 x L
5 = 0.1 x 0 = 0.5 x 11
5 = 0.1 x 1 = 0.1 x L
5 = 0.1 x 0 = 0.5 x 11
5 = 0.1 x 1 = 0.5 x 1 = 0.5 x 1 = 0.5 x 1 = 0.5 x 0.1 k 1 = 0.5 x 0 = 0.5 x 0.1 k 1 = 0.5 x 0.1 k = 0.5 0 k 0.0 k 1 = 0.5 x 0.1 k 1 = 0.5 x 0.1 k 1 = 0.5 0 k 0.0 k 0
 | k division: No. 2.6 Concrete ditch and culvert
kaysion: No. 2.6 Concrete ditch and culvert
conditional in the set and the set

 | k division: No. 2.6 Concrete ditch and culvert
kariston: No. 2.6 Concrete ditch and culvert
concrete ditch and culvert (CM02+10.8 - CM05+18.0)
H= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0)
H= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)
0.328 m2: Section area of concrete ditch
477 : nos. of weep holes (= 2 x H x L/4.0m2)
2 = 48 : nos. of contraction jouints (= L/8.0m)
2 = 48 : nos. of piles (= L/2.0 x 10.5/2.0)
2 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
2 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
2 = 0.3 x 0.3 x n1
3 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
2 = 0.3 x 0.3 x n1
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1 = 228.5 lin
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1 = 228.5 lin
0 = 0.3 x 0.3 x n1
1 = 228.5 lin
0 = 0.3 x 0.3 x 0.5 x 12 x 1
 | k division: No. 2.6 Concrete ditch and culvert
kariston: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m : Length of cancrete channel (Design crest EL Design channel bed EL)
2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)
= 0.238 m2: Section area of concrete ditch
= 457 : nos. of weep holes (= 2 x H x L/4.0m2)
2= 48 : nos. of contraction jouints (= L/8.0m)
3= 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
= 0.3 x 0.3 x n1
06 Geo-textile
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.5 x n1
= 0.
 | k division: No. 2.6 Concrete ditch and culvert
karision: No. 2.6 Concrete ditch and culvert
kage 3
L = 379.4 m : Length of cancrete channel (Design crest EL Design channel bed EL)
= 2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)
= 9.238 m2: Section area of concrete ditch
= 457 : nos. of weep holes (= 2 x H x L/4.0m2)
= 48 : nos. of contraction jouints (= L/8.0m)
= 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x
 | k division: No. 2.6 Concrete ditch and culvert
kayes 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m : Length of concrete ditch
=
 | k division: No. 2.6 Concrete ditch and culvert
kayes 3
te of channel: Saluran Cengkareng drainage channel
- 379.4 m: Length of cancrete channel (Design creat EL - Design channel bed EL)
- 379.4 m: Length of cancrete channel (Design creat EL - Design channel bed EL)
- 379.4 m: Length of cancrete channel (Design creat EL - Design channel bed EL)
- 379.4 m: Length of cancrete channel (Design creat EL - Design channel bed EL)
- 379.4 m: Length of cancrete channel (Design creat EL - Design channel bed EL)
- 379.4 m: Length of cancrete ditch
- 48 : nos. of contraction jouints (– L/8.0m)
- 48 : nos. of piles (– L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (– L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (– L/2.0 x 10.5/2.0)
- 0.3 x 0.3 x n1
- 0.3 x 0.3 x n1
- 0.5 x
 | k division: No. 2.6 Concrete ditch and culvert kdivision: No. 2.6 Concrete ditch and culvert kage 3 saluran Cengkareng drainage channel e of channel: 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) 1= 379.4 m: Length of concrete ditch 2.406 m: Height of concrete channel (Design crest EL - Design channel bed EL) 9.328 m2. Section area of concrete ditch 1= 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 48 : nos. of contraction jouints (= L/8.0m) 2= 1140 : nos. of piles (= J/2.0 x 10.5/2.0) 3= 1140 : nos. of piles (= J/2.0 x 10.5/2.0) 06 Genetaxtile 06 Genetaxtile 07 nos. of contraction jouints (= L/8.0m) 16 Frunishing RC pile 08 Gravel filter 09 PVC pipe for weep hole 16 -0.3 x 0.3 x n1 16 Pronting RC pile 17 -11.7 x 0.1 x L 16 -0.1
 | k division: No. 2.6 Concrete ditch and cuivert k division: No. 2.6 Concrete ditch and cuivert k division: 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 379.4 m: Length of concrete channel (Design crest EL - Design channel bed EL) 9.328 m2: Section area of concrete ditch 9.328 m2: Section area of concrete ditch - 457 : nos. of weep holes (= 2 x H x L/4.0m2) 2 48 : nos. of contraction jouints (= L/8.0m) 3 1140 : nos. of piles (= J/2.0 x 10.5/2.0) 3 1140 : nos. of piles (= J/2.0 x 10.5/2.0) 3 0.3 x 0.3 x n1 2 2.3 x 0.3 x n2 3 6.0 6 6.3 x 0.3 x 0.3 x n1 14 11.8 05 6.0 3.5 x 0.3 x 0.3 x n1 15 2.1 x 0.1 x 1. 06 6.0 3.5 x 0.3 x 0.3 x n1 16 7.0 3 x 0.3 x n1 17 0.0 5 x 1 05 0.0 3.5 3.0 3.0 1 16 6.5 x 0.1 x 0.1 x L 17 7.0 0.1 x L 16 7.0 5 x 2.4 17 7.0 5 x 2.4 10 10.1 x L 10 <td>k division: No. 2.6 Concrete ditch and culvert
karses 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of concrete ditch
= 379.4 m: Length of concrete ditch
= 9.328 m2: Section area of concrete ditch
= 9.328 m2: Section area of concrete ditch
= 477 : nos. of veep holes (= 2 x H x L/4.0m2)
= 48 : nos. of contraction jouints (= L/8.0m)
= 41.1 kg
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x 0.3 x 0.3 x 0.1 x 0.2 x 1
= 0.0 x 0.0</td> <td>k division: No. 2.6 Concrete ditch and culvert
kavision: No. 2.6 Concrete ditch and culvert (CM02+10.8 - CM05+18.0)
Le 379.4 m : Length of cancrete channel (Design crest EL - Design channel bed EL)
9.328 m2: Section area of concrete ditch
9.328 m2: Section area of concrete ditch
1 - 457 : nos. of weep holes (= 2 X H X L/4.0m2)
2 - 457 : nos. of contraction joints (= L/4.0m2)
2 - 457 : nos. of fortaction joints (= L/2.0 X 10.5/2.0)
2 - 1140 : nos. of piles (= L/2.0 X 10.5/2.0)
2 - 0.3 × 0.3 × n1
0 Geo-textile
0 - 0.3 × 0.3 × n1
1 cl Furnishing RC pile
1 cl Furnishing RC pile
2 cl Form, Type FI (for concrete ditch)
1 cl Form, Type FI (for concrete ditch)
2 cl Form (Type FI (for c</td> <td>k division: No. 2.6 Concrete ditch and culvert
kayses 3
te of channel: Saluran Cengkrareng drainage channel
- 379.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL)
- 379.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL)
- 457 : nos. of contraction jouints (- L / 8.0m)
- 457 : nos. of contraction jouints (- L / 8.0m)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 2.483 x nl
- 2.489 x of x nl
- 2.489 x of x L
- 11.7 x 0.1 x L
- 4.43.9 cu
- 4.47.7 sq
- 11.7 x 0.1 x L
- 4.43.9 cu
- 4.47.7 sq
- 11.7 x 0.1 x L
- 2.489 x of x L
- 11.7 x 0.1 x L
- 2.489 x of x L
- 11.7 x 0.1
x L
- 2.205.1 sq
- 4.47.7 sq
- 11.7 x 0.1 x L
- 2.489 x of x L
- 11.7 x 0.1 x L
- 2.489 x of x L
- 11.7 x 0.1 x L
- 2.489 x of x L
- 11.7 x 0.1 x L
- 2.205.1 sq
- 2.489 x of x L
- 11.7 x 0.1 x L
- 2.205.1 sq
- 2.20</td> | k division: No. 2.6 Concrete ditch and culvert
karses 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of concrete ditch
= 379.4 m: Length of concrete ditch
= 9.328 m2: Section area of concrete ditch
= 9.328 m2: Section area of concrete ditch
= 477 : nos. of veep holes (= 2 x H x L/4.0m2)
= 48 : nos. of contraction jouints (= L/8.0m)
= 41.1 kg
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x 0.3 x 0.3 x 0.1 x 0.2 x 1
= 0.0 x 0.0 | k division: No. 2.6 Concrete ditch and culvert
kavision: No. 2.6 Concrete ditch and culvert (CM02+10.8 - CM05+18.0)
Le 379.4 m : Length of cancrete channel (Design crest EL - Design channel bed EL)
9.328 m2: Section area of concrete ditch
9.328 m2: Section area of concrete ditch
1 - 457 : nos. of weep holes (= 2 X H X L/4.0m2)
2 - 457 : nos. of contraction joints (= L/4.0m2)
2 - 457 : nos. of fortaction joints (= L/2.0 X 10.5/2.0)
2 - 1140 : nos. of piles (= L/2.0 X 10.5/2.0)
2 - 0.3 × 0.3 × n1
0 Geo-textile
0 - 0.3 × 0.3 × n1
1 cl Furnishing RC pile
1 cl Furnishing RC pile
2 cl Form, Type FI (for concrete ditch)
1 cl Form, Type FI (for concrete ditch)
2 cl Form (Type FI (for c | k division: No. 2.6 Concrete ditch and culvert
kayses 3
te of channel: Saluran Cengkrareng drainage channel
- 379.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL)
- 379.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL)
- 457 : nos. of contraction jouints (- L / 8.0m)
- 457 : nos. of contraction jouints (- L / 8.0m)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 2.483 x nl
- 2.489 x of x nl
- 2.489 x of x L
- 11.7 x 0.1 x L
- 4.43.9 cu
- 4.47.7 sq
- 11.7 x 0.1 x L
- 4.43.9 cu
- 4.47.7 sq
- 11.7 x 0.1 x L
- 2.489 x of x L
- 11.7 x 0.1 x L
- 2.489 x of x L
- 11.7 x 0.1 x L
- 2.205.1 sq
- 4.47.7 sq
- 11.7 x 0.1 x L
- 2.489 x of x L
- 11.7 x 0.1 x L
- 2.489 x of x L
- 11.7 x 0.1 x L
- 2.489 x of x L
- 11.7 x 0.1 x L
- 2.205.1 sq
- 2.489 x of x L
- 11.7 x 0.1 x L
- 2.205.1 sq
- 2.20 |
| | No. 2.6 Concrete ditch and culvert Saluran Cengkareng drainage channel A m: Length of open culvert (CM02+10.8 - CM05+18.0) 6 m: Height of cancrete channel (Design crest EL Design channel bed E 8 m2: Section area of concrete ditch 7 : nos. of weep holes (= 2 x H x L/4.0m2) 8 : nos. of piles (= 2 x H x L/4.0m2) 40 : nos. of piles (= 2 x H x L/4.0m2) 10 : nos. of piles (= 2 x H x L/4.0m2) 10 : nos. of piles (= 1/2.0 x 10.5/2.0) 10 : nos. of piles (= 1/2.0 x 10.5/2.0) 10 : nos. of piles (= 1/2.0 x 10.5/2.0) 10 : nos. of pile = -0.3 x 0.3 x n1 10 : nos of pile = -0.5 x n1 11.7 x 0.1 x L 11.7 x 0.1 x L | ch and culvert
Irainage channel
vert (CM02+10.8 - CM05+18.0)
vert (CM02+18.0)
vert (CM02+18. | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
= - 379.4 m: Length of concrete diamel (Design crest EL Design channel bed EL)
2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)
=
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of concrete diannel (Design crest EL Design channel bed EL)
= 379.4 m: Length of cancrete channel (Design crest EL Design channel bed EL)
= 379.4 m: Length of cancrete channel (Design crest EL Design channel bed EL)
= 3.2406 m: Height of cancrete channel (Design crest EL Design channel bed EL)
= 3.238 m2: Section area of concrete ditch
= 3.238 m2: Section area of concrete ditch
= 457 : nos.
of weep holes (= 2 x H x L /4.0m2)
= 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
= 0.3 x 0.3 x n1
= 0.5 x 0.0 lin
= 0.5 x n1
= 0.5 x 0.0 lin
= 0.5 x n1
= 0.5 x n1 = 0.5 x n1 = 0.5 x
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of cancrete channel (Design creat EL - Design channel bed EL)
= 3.79.4 m: Length of cancrete channel (Design creat EL - Design channel bed EL)
= 3.70.6 m: Height of cancrete channel (Design creat EL - Design channel bed EL)
= 3.73 mos. of weep holes (= 2 x H x L/4.0m2)
= 4.57 mos. of weep holes (= 2 x H x L/4.0m2)
= 4.8 mos. of contraction jouints (= L/8.0m)
= 114.0 mos. of piles (= L/2.0 x 10.5/2.0)
= 114.0 mos. of piles (= L/2.0 x 10.5/2.0)
= 0.3 x 0.3 x n1
= 0.5 x n1
= 0.3 x 0.3 0.3

 | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL)
= 3.79.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL)
= 3.70.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL)
= 3.70.4 m: Longth of cancrete channel (Design crest EL - Design channel bed EL)
= 3.70.4 m: Longth of cancrete channel (Design crest EL - Design channel bed EL)
= 4.57 : nos. of weep holes (= 2 x H x L/4.0m2)
= 4.8 : nos. of contraction jouints (= L/8.0m)
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x 0.3 x 0.3 x 0.3 co
= 0.3 x 0.3 x 0.3 x 0.3 x 0.3 co
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= 0.3 x 0.3 x 0.3 x 0.3 x 0.3 co
= 0.3 x 0.3 x 0.3 x 0.3 x 0.3 co
= 0.3 c
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
- 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
- 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL)
- 3.79.4 m: Length of cancrete channel (Design crest EL Design channel bed EL)
- 3.70.4 m: Longth of cancrete ditch
- 457 : nos. of contraction jouints (- L/ 8.0m)
- 48 : nos. of contraction jouints (- L/ 8.0m)
- 48 : nos. of contraction jouints (- L/ 8.0m)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 0.3 x 0.3 x n1
- 0.3 x 0.3 x n1
- 0.5 x n1
-
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
= 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL)
= 9.328 m2: Section area of concrete ditch
= 457 : nos. of weep holes (= 2 x H x L/4.0m2)
= 48 : nos. of contraction jouints (= L/8.0m)
= 1140 : nos. of piles (= U2.0 x 10.5/2.0)
= 0.3 x 0.3 x n1
= 0.5 x n1
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
= 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL)
= 9.328 m2: Section area of concrete ditch
= 9.328 m2: Section area of concrete ditch
= 48 : nos. of veep holes (= 2 x H x L/4.0m2)
= 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
= 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
= 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x n2
= 0.3 x 0.3 x n1
= 0.5 x n1
= 0
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL)
= 3.79.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL)
= 9.328 m2: Section area of concrete ditch
= 9.328 m2: Section area of contraction jouints (= L/8.0m)
= 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
= 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
= 0.3 x 0.3 x n1
= 0.5 x n2
= 0.5 x n1
= 0.5 x n1 = 0
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of cancrete channel (Design crest EL Design channel bed EL)
2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)
= 9.328 m2: Section area of concrete ditch
= 9.328 m2: Section area of concrete ditch
= 9.328 m2: Section area of contraction jouints (= L/ 8.0m)
= 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
= 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.5 x 0.3 x 0.3 x n1
= 0.5 x 0.1 x 0.1 x L
= 0.5 x 0.2 x 1 = 0.5 x 0.1 sq.
= 0.5 concrete Type 4
= 0.11.7 x 0.1 x L
= 0.5 x 0.1 x 0.1 x L
= 0.5 concrete Type 5
= 0.11.7 x 0.1 x L
= 0.5 form, Type FI (for concrete ditch)
= 0.5 K or L
= 0.5 x 0.5 x L
= 0.5 x 0.5 x 0 = 0.5 x L | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL)
9.328 m2: Section area of concrete ditch
= 9.328 m2: Section area of concrete ditch
= 9.328 m2: Section area of concrete ditch
= 9.328 m2: Section area of concrete ditch
= 457 : nos. of weep holes (= 2 x H x L/4.0m2)
= 48 : nos. of contraction jouints (= L / 8.0m)
= 1140 : nos. of piles (= J/2.0 x 10.5/2.0)
= 1140 : nos. of piles (= J/2.0 x 10.5/2.0)
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x 0.3 x 0.1 x 0.1 x 0.0 x 0.3 x 0.2 x 0.1 x 0.0 x 0.1 x 0.0 x 0.1 x 0.0 x 0.1 x
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
= 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0)
H= 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL)
9.328 m2: Section area of concrete ditch
= 457 : nos. of weep holes (= 2 x H x L/4.0m2)
2 = 48 : nos. of contraction jouints (= L/8.0m)
3 = 1140 : nos. of piles (= U/2.0 x 10.5/2.0)
3 = 1140 : nos. of piles (= U/2.0 x 10.5/2.0)
6 Geo-textile
0 = 0.3 x 0.3 x n1
1 = 0.5 x n1
0 = 0.3 x 0.3 x n1
1 = 0.5 x n1 | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
- 379.4 m : Length of cancrete channel (Design crest EL Design channel bed EL)
2.406 m : Height of cancrete ditch
- 9.328 m2: Section area of concrete ditch
- 477 : nos. of veep holes (- 2 x H x L/4.0m2)
- 487 : nos. of contraction jouints (- L/8.0m)
- 140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 144 : nos. of piles (- L/2.0 x 10.5/2.0)
- 0.3 x 0.3 x n1
- 0.3 x 0.3 x 0.3 x 10
- 0.3 x 0.3 x 0.3 x 10
- 0.3 x 0.3 x 0.3 x 10
- 0.3 x 0.3 x 0.3 x 0.3 x 10
- 0.3 x 0.3 x 0.0 x 10
- 0.3 x 0.0 x 10 - 0 x 10 - 0 x 10 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 |
| | No. 2.6 Concrete ditch and culvert Saluran Cengkareng drainage channel A m : Length of open culvert (CM02+10.8 - CM05+18.0) 6 m : Height of cancrete channel (Design crest EL Design channel bed E 28 m2: Section area of concrete ditch 7 : nos. of weep holes (= 2 x H x L / 4.0m2) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) | ch and culvert
lrainage channel
vert (CM02+10.8 - CM05+18.0)
vert (CM02+10.8 - CM05+18.0)
channel (Design crest EL Design channel bed EL
crete ditch
- 2 x H x L/4.0m2)
wints (= L/ 8.0m)
x 10.5/2.0)
x 10.5/2.0)
- 0.3 x 0.3 x n1
- 0.3 x 0.3 x n1
- 0.3 x 0.3 x n1
- 0.5 x n2
- 0.5 x n1
- 0.5 x n2
- 0.5 | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
H= 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL)
= 9.328 m2: Section area of concrete ditch
= 9.328 m2: Section area of concrete ditch
= 0.32 m2: Section area of concrete ditch
= 0.32 m2: Section area of concrete ditch
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.5 x n1
= 0
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
= 379.4 m: Length of concrete ditch
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
= 379.4 m: Length of concrete ditch
= 379.4 m: Length of concrete ditch
= 379.4 m: Length of concrete ditch
= 48. mos. of contraction jouins (- L/8.0 m)
= 1140 : mos. of formation
= 2.43.0 m
= 2.43.0 m
= 2.43.0 m
= 2.43.0 m
= 2.43.0 m
= 2.23.5 line
= 2.40.0 line
= 2.205.1 lsq
= 44.7 lsq
= 44.0 lsq
= 44.0 lsq
= 44.7 lsq
= 44.0 lsq
= 44.7 lsq
= 44.0 lsq
= 44.7 lsq
= 44.0 lsq
= 44.0 lsq

 | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
= 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL)
= 2.406 m: Height of concrete ditch
= 379.4 m: Longth of concrete ditch
= 3.7 mos. of voltes (= L/2.0 x 10.5/2.0)
= 48 mos. of piles (= L/2.0 x 10.5/2.0)
= 1140 mos. of piles (= L/2.0 x 10.5/2.0)
= 0.3 x 0.3 x 0.3 x n1
= 0.5 x n1

 | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
L 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
H 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL)
2.406 m: Height of concrete ditch
457 : nos. of weep holes (= 2 x H x L/4.0m2)
458 : nos. of contraction jouints (= L/8.0m)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3- 205.1 sq.
3-
 | k division: No. 2.6 Concrete ditch and culvert
kage 5
e of channel: Saluran Cengkareng drainage channel
e of channel: Saluran Cengkareng drainage channel
e 379.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL)
9.328 m2: Section area of concrete ditch
e 9.328 m2: Section area of concrete ditch
47.1 so
1140 : nos. of piles (= L/2.0 × 10.5/2.0)
3 = 1140 : nos. of piles (= L/2.0 × 10.5/2.0)
Biscription
06 Geo-textile
09 PVC pipe for weep hole
16 Frumishing RC pile
16 Frumishing RC pile
16 Frumishing RC pile
17 Concrete Type 4
11.7 x 0.1 x L
17 Concrete Type 4
18 Concrete Type 5
11.7 x 0.1 x L
1.7 x 0.1 x L
1.2 38.0 for
17 Concrete Type 5
20 Form, Type FI (for concrete ditch)
20 Form FI (for concrete ditch
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
H= 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL)
9.328 m2. Section area of concrete ditch
= 9.328 m2. Section area of concrete ditch
= 9.328 m2. Section size (= L/4.0m2)
#57 : nos. of contraction jouints (= L/4.0m2)
#57 : nos. of contraction jouints (= L/4.0m2)
#58 : nos. of contraction jouints (= L/3.0m)
= 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
Discription
Biscription
Biscription
Biscription
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x n2
= 0.3 x 0.3 x n1
= 0.5 x n1 = 0.5 x n1 = 0.5 x n1 = 0.5 x n
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
L= 3794 m: Length of cancrete dirch
2.406 m: Height of cancrete dirch
457 : nos. of contraction jouints (= L / 8.0m)
3= 1140 : nos. of piles (= 2 × H × L/4.0m2)
457 : nos. of contraction jouints (= L / 8.0m)
3= 1140 : nos. of piles (= L / 2.0 × 10.5/2.0)
3= 1140 : nos. of piles (= L / 2.0 × 10.5/2.0)
3= 1140 : nos. of piles (= L / 2.0 × 10.5/2.0)
441.1 sq
06 Geo-textile
03 × 0.3 × n1
142.5 min gRC pile
147.7 so
11.7 concrete Type 5
15.2 Form, Type FI (for concrete ditch)
15.2 Form, Type FI (for concrete ditch)
16.2 Form, Type FI (for concrete ditch)
17.0 Form, Type FI (for concrete ditch)
18.0 Form, Type FI (for concrete ditch)
19.0 Form, Type FI (for concrete ditch)
10.0 Form, Type FI (for concrete ditch)
11.7 No.1 × L
11.7 × 0.1 × L
11.8 × Concrete Type S
11.8 × Concr
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
1 = 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0)
2 = 379.4 m : Length of cancrete channel (Design crest EL - Design channel bed EL)
2 = 379.4 m : Longth of cancrete ditch
2 = 9.328 m2: Section area of concrete ditch
2 = 48 : nos. of veep holes (= 2 x H x L/4.0m2)
2 = 48 : nos. of contraction jouints (= L/8.0m)
2 = 48 : nos. of piles (= L/2.0 x 10.5/2.0)
2 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
2 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
4 = 11.7 x 0.1 x L
2 = 2.480 x hole
2 = 2.480 x ch
2 = 11.7 x 0.1 x L
2 = 2.480 x 6 x L
2 = 2.420 kg
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
1 - 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0)
2 - 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0)
2 - 379.4 m : Length of cancrete channel (Design crest EL - Design channel bed EL)
2 - 457 : nos. of weep holes (= 2 x H x L/4.0m2)
2 - 48 : nos. of contraction jouints (= L/8.0m)
2 - 48 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
4
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
1 - 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0)
2 - 379.4 m : Length of cancrete channel (Design crest EL - Design channel bed EL)
2 - 379.4 m : Length of cancrete channel (Design crest EL - Design channel bed EL)
2 - 379.4 m : Longth of cancrete channel (Design crest EL - Design channel bed EL)
2 - 379.4 m : Longth of cancrete channel (Design crest EL - Design channel bed EL)
2 - 48 : nos. of contraction jouints (= L/8.0m)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 - 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
4 - 41.1 sq.
6 - 5 x n1
6 - 5 x n1
1 - 2.285 lin
1 - 2.285 lin
1 - 2.285 lin
2 - 2.489 x n1
2 - 2.489 x n1
2 - 2.489 x n1
2 - 2.489 x n2
2 - 2.489 x 60
2 - 4.40 - 2 - 1.40 - 1. | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m : Length of cancrete channel (Design crest EL Design channel bed EL)
2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)
= 3.75 : nos. of weep holes (= 2 x H x L/4.0m2)
= 48 : nos. of contraction jouints (= L/8.0m)
= 48 : nos. of contraction jouints (= L/8.0m)
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.5 x 0.3 x n3
= 0.5 x 0.0 lin
= 0.5 x 0.3 x 0.3 x n1
= 0.5 x 0.0 lin
= 0.5 x 0.0 lin
= 0.5 x 0.1 x 0.1 x L
= 0.5 x 0.1 x 0.1 x L
= 0.5 x 0.1 (for concrete ditch)
= 0.5 k 0.0 lin
= 0.5 x 0.3 x 0.3 x n1
= 0.5 x 0.0 lin
= 0.5 x 0.1 x 0.1 x L
= 0.5 x 0.0 lin
= 0.5 x 0.1 x 0.1 x L
= 0.5 x 0.2 x 0.2 x L
= 0.5 for
= 0.5 for
= 0.5 for
= 0.5 0 curves to ple
= 0.5 x 0.1 x 0.1 x L
= 0.5 x 0.2 x 0.2 x L
= 0.5 for
= 0.5 0 curves to ple
= 0.5 x 0.1 x 0.1 x L
= 0.5 x 0.2 x 1 x 0.1 x L
= 0.5 x 0.2 x 1 x 0.1 x L
= 0.5 x 0.1 x 0.1 x L
= 0.5 for
= 0.5 0 curves to ple
= | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
1 - 379.4 m : Length of cancrete channel (Design crest EL Design channel bed EL)
2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)
2.406 m : Height of cancrete channel (Design crest EL Design channel bed EL)
4.57 : nos. of weep holes (= 2 x H x L/4.0m2)
2.48 : nos. of contraction jouints (= L/8.0m)
3.1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3.1140 : nos. of piles (= L/2.0 x 10.5/2.0)
4.11.1 4.1.1 sq.
4.1.1 sq.
6.8 40.0 lin
1.2.3 5.0 6.0 6.8 40.0 lin
1.2.3 5.0 6.0 6.8 40.0 lin
1.2.3 5.0 1.5.1 4.4.7.7 sq.
2.205.1 sq.
2.20 |
| · · | No. 2.6 Concrete ditch and culvert Saluran Cengkareng drainage channel Saluran Cengkareng drainage channel A m: Length of open culver (CM02+10.8 - CM05+18.0) 6 m: Height of cancrete channel (Design crest EL Design channel bed E 38 m2: Section area of concrete ditch 57 : nos. of weep holes (= 2 x H x L/4.0m2) 48 : nos. of contraction jouints (= L/ 8.0m) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of piles (= L/2.0 x 10.5/2.0) 40 : nos. of pile = 11.7 x 0.1 x L 40 : nos. of pile = 11.7 x 0.1 x L | ch and culvert
frainage channel
ver (CM02+10.8 - CM05+18.0)
ver (CM02+10.8 - CM05+18.0)
ver (CM02+10.8 - CM05+18.0)
to crete ditch
- 2 x H x L/4.0m2)
- 0.3 x 0.3 x n1
- 0.3 x 0.3 x n1
- 0.3 x 0.3 x n1
- 0.5 x | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
- 379.4 m : Length of open culvert (CM02+10.8 - CM05+18.0)
- 379.4 m : Length of cancrete channel (Design crest EL - Design channel bed EL)
- 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL)
- 457 : nos. of weep holes (- 2 x H x L/4.0m2)
- 457 : nos. of contraction jouints (- L/8.0m)
- 457 : nos. of piles (- L/2.0 x 10.5/2.0)
- 0.3 x 0.3 x n1
- 2.205.1 sq.
- 443.9 cu
- 443.0 concrete Type 5
- 0.17 Concrete ditch)
- 6.840.0 lin
- 6.840.0 lin
- 6.840.0 lin
- 7.7 sq.
- 6.40.5 x r L
- 2.205.1 sq.
- 447.7 sq.
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of cancrete diannel (Design crest EL - Design channel bed EL)
= 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL)
= 9.238 m2. Section area of concrete ditch
= 9.238 m2. Section area of concrete ditch
= 0.33 m2. Section area of concrete ditch
= 0.3 x 0.3 x n1
= 0.3 x 0.3 x n1
= 0.5 x n2
= 0

 | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
- 379.4 m: Length of concrete ditch
- 2.406 m: Height of cancrete channel (Design crest EL - Design channel bed EL)
9.328 m2: Section area of concrete ditch
- 4.8 : nos. of contraction jouints (– L/4.0m2)
- 4.8 : nos. of contraction jouints (– L/8.0m)
- 4.8 : nos. of contraction jouints (– L/8.0m)
- 4.8 : nos. of piles (– L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (– L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (– L/2.0 x 10.5/2.0)
- 0.3 x 0.3 x n1
- 0.3 x 0.3 x n1
- 0.3 x 0.3 x n1
- 0.5 x

 | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0)
= 379.4 m : Length of open culver (CM02+10.8 - CM05+18.0)
= 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL)
2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL)
2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL)
2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL)
2.400 m : 0.328 m2. Section area of concrete ditch
2.400 m : 0.5 × H x L/4.0m2)
2.41.140 : nos. of piles (= J/2.0 x 10.5/2.0)
2.41.140 : nos. of piles (= J/2.0 x 10.5/2.0)
2.400 filter
0.5 × 0.3 × 0.3 × 0.3 × 0.1 m = 12.3 cu
0.5 × 0.1 m = 3 × 6.0 6.840.0 lin
1.6 Frunishing RC pile
1.7 Concrete Type 4
1.1.7 × 0.1 × L
2.205.1 sq.
2.469 × 6 × L
1.888.7 sq.
 | k division: No. 2.6 Concrete ditch and culvert kage 3 saluran Cengkareng drainage channel kage 3 saluran Cengkareng drainage channel e of channel: Saluran Cengkareng drainage channel e 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) H= 2.406 m: Height of cancere channel (Design crest EL - Design channel bed EL) 0.328 m2. Section area of concrete ditch 9.328 m2. Section area of concrete ditch 457 nos. of veep holes (= 2 x H x L/4.0m2) 2= 48 nos. of fontactor jouints (= L/8.0m) 2= 48 nos. of contraction jouints (= L/8.0m) 2= 48 nos. of fontactor jouints (= L/8.0m) 2= 43 0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x n1 06 Geo-textile -0.3 x 0.3 x n1 07.14 -0.3 x 0.3 x n1 12.3 cu 08 Gravel filter -0.3 x 0.3 x n1 12.3 cu 09 PVC pipe for weep hole -0.3 x 0.3 x n1 2.285.5 lin 14 Frumishing RC pile -0.3 x 0.3 x n1 2.235.0 cu 15 Driving RC pile -0.5 x 0.3 x 0.3 x 0.1 x L 447.7 so
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
- 379.4 m : Length of concrete channel (Design crest EL - Design channel bed EL)
- 3.238 m2: Section area of
concrete ditch
- 57 : nos. of weep holes (= 2 x H x L/4.0m2)
- 48 : nos. of contraction joints (= L/8.0m)
- 41.1 sq
- 0.3 x 0.3 x n1
- 11.7 x 0.1 x L
- 443.9 cu
- 7.0 x 10.5 x L
- 1.1 7 son. Type F2
- 2.0 Form, Type F2
- 2.0 For | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
- 379.4 m : Length of concrete dianel (Design crest EL - Design channel bed EL)
- 379.4 m : Length of concrete diatch
- 2.406 m : Height of concrete diatch
- 2.75 : nos. of contraction jouints (= L/ 8.0m)
- 437 : nos. of contraction jouints (= L/ 8.0m)
- 437 : nos. of contraction jouints (= L/ 8.0m)
- 437 : nos. of contraction jouints (= L/ 8.0m)
- 437 : nos. of contraction jouints (= L/ 8.0m)
- 437 : nos. of contraction jouints (= L/ 8.0m)
- 441.1 sq.
- 0.3 x 0.3 x n1
- 0.5 x n2
- 0.5 s n1
- 0.5 x n2
- 0.5 s n1
- 0.5 x n2
- 0.5 s n1
- 0.5 s n2
- 0.
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
a of channel: Saluran Cengkareng drainage channel
a 379.4 m : Length of cancrete channel (Design crest EL - Design channel bed EL)
9.328 m2: Section area of concrete ditch
9.328 m2: Section area of contraction jouints (= L/ 8.0m)
1 = 457 : nos. of contraction jouints (= L/ 8.0m)
2 = 1140 : nos. of contraction jouints (= L/ 8.0m)
3 = 1140 : nos. of contraction jouints (= L/ 8.0m)
3 = 1140 : nos. of contraction jouints (= L/ 8.0m)
3 = 1140 : nos. of contraction jouints (= L/ 8.0m)
3 = 1140 : nos. of contraction jouints (= L/ 8.0m)
3 = 1140 : nos. of contraction jouints (= L/ 8.0m)
3 = 1140 : nos. of contraction jouints (= L/ 8.0m)
4 = 11.7 × 0.3 × n1
4 = 11.7 × 0.1 × L
4 = 11.8 × 000
4 = 11.7 × 0.1 × L
4 = 11.7 × 0.1 × 0.0 × 0.1 × L
4 = 11.7 × 0.1 × 0.0 × 0.1 × 0.0 × 0.1 × 0.0 × 0.1 × 0.0 × 0.1 × 0.0 × 0.1 × 0.0 × 0.1 × 0.0 × 0.1
 | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
= 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0)
L= 379.4 m: Length of cancrete channel (Design crest EL - Design channel bed EL)
9.328 m2: Section area of contract (CM02+10.8 - CM05+18.0)
1 = 4.87 : nos. of contraction jouints (= L / 8.0m)
2 = 4.87 : nos. of contraction jouints (= L / 8.0m)
3 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
3 = 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
5 = 0.3 x 0.3 x n1
6 = 0.3 x 0.3 x n1
7 = 5 × 0.1
8 Greavel filter
9 PVC pile
9 PVC pile
1 = -3 x 6.0
1 = -443.0 in
1 = -468 x L
1 = -443.0 in
1 = -468 x L
1 = -488.7 section = -2.489 x 6 x L
2 = -489 x 6 x L
2 = -2.489 x 6 x L
2 = -2.480 x 6 x L
2 = -2.480 x 6 x C
2 = -2.480 x 6 x L
2 = -2.480 x 6 x C
2 = -2.480 x 6 x C L
2 = -2.480 | k division: No. 2.6 Concrete ditch and culvert
kage 3
e of channel: Saluran Cengkareng drainage channel
= 379.4 m : Length of open culvert
(CM02+10.8 - CM05+18.0)
= 2.406 m : Height of cancrete channel (Design crest EL - Design channel bed EL)
9.328 m2: Section area of concrete ditch
= 9.328 m2: Section area of concrete ditch
= 48 : nos. of contraction jouints (= L/8.0m)
= 1140 : nos. of piles (= L/2.0 x 10.5/2.0)
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.3 x 0.3 x 0.3 x n1
= 0.5 x 10
= 0.5 x | k division: No. 2.6 Concrete ditch and culvert kage 3 e of channel: Saluran Cengkareng drainage channel ce 379.4 m: Length of open culvert (CM02+10.8 - CM05+18.0) Le 379.4 m: Length of cancrete channel (Design crest EL Design channel bed EL) 2.406 m: Height of cancrete channel (Design crest EL Design channel bed EL) 2.328 m2: Section area of concrete ditch 2.32 43 2.32 10.5 Contraction jouints (= L/8.0m) 2.32 1140 2.45 inos of piles (= L/2.0) 2.47.1 Discription 2.46 0.05 Sin 2.47.1 0.05 Sin 2.48 inos of piles (= L/2.0) 2.49 inos of piles (= L/2.0) 2.41.1 0.05 Sin 2.41.1 0.05 Sin 2.42 0.05 Sin 2.43 0.05 Sin 2.43 0.01 KL 2.44 0.01 KL 2.44 0.01 KL 2.44 0.01 KL <td>k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
- 379.4 m: Length of concrete ditch
- 379.8 m2: Section area of concrete ditch
- 457 : nos. of piles (- L/2.0 x 10.5/2.0)
- 457 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 0.3 x 0.3 x 0.3 x n1
- 0.3 x 0.3 x 0.3 x 0.3 x n1
- 0.3 x 0.3 x 0.3 x n1
- 0.3 x 0.3 x 0.3 x 0.3 x 11
- 0.3 x 0.3 x 0.3 x 0.3 x 11
- 0.3 x 0.3 x 0.3 x 0.3 x 11
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- 0.3 x 0.3 x 0.3 x 0.3 x 11
- 0.3 x 0.3 x 0.3 x 0.3 x 0.3 x 11
- 0.3 x 0.3 x 0.0 x 11
- 0.3 x 0.3 x 0.0 x 12
- 0.3 x 0.2 x 0.2 x 12
- 0.3 x 0.2 x 12
- 0.3 x 0.2 x 12
- 0.3 x 0.3 x 0.2 x 12
- 0.3 x 0.2</td> | k division: No. 2.6 Concrete ditch and culvert
kage 3
te of channel: Saluran Cengkareng drainage channel
- 379.4 m: Length of concrete ditch
- 379.8 m2: Section area of concrete ditch
- 457 : nos. of piles (- L/2.0 x 10.5/2.0)
- 457 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 1140 : nos. of piles (- L/2.0 x 10.5/2.0)
- 0.3 x 0.3 x 0.3 x n1
- 0.3 x 0.3 x 0.3 x 0.3 x n1
- 0.3 x 0.3 x 0.3 x n1
- 0.3 x 0.3 x 0.3 x 0.3 x 11
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- 0.3 x 0.3 x 0.3 x 0.3 x 11
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- 0.3 x 0.3 x 0.0 x 11
- 0.3 x 0.3 x 0.0 x 12
- 0.3 x 0.2 x 0.2 x 12
- 0.3 x 0.2 x 12
- 0.3 x 0.2 x 12
- 0.3 x 0.3 x 0.2 x 12
- 0.3 x 0.2 |
| =16.012 x n2 | -V(No.18) x 60
-16.012 x n2 | -2.489 × 6 × L
-V(No.18) × 60
-16.012 × n2 |

 | -V(No.18) x 60
-16.012 x n2

 | -V(No.18) x 60 212.
-i6.012 x n2
 | -V(No.18) x 60
-16.012 x n2

 | =16.012 x n2
 | – 16.012 x n2
 | = 16.012 x n2
 | = 16.012 x n2
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 | |
 | |
| =16.012 × n2 | -V(No.18) x 60
-16.012 x n2 | -2.489 × 6 × L
-V(No.18) × 60
-16.012 × n2 | -V(No.18) x 60
-16.012 x n2

 | -V(No.18) x 60
-16.012 x n2

 | -V(No.18) x 60
-16.012 x n2
 | -V(No.18) x 60
-16.012 x n2

 | =16.012 × n2
 | – 16.012 x n2
 | = 16.012 × n2
 | = 16.012 x n2
 |
 | |
 | |
| – 16.012 x n2 | -V(No.18) x 60
-16.012 x n2 | =2.489 × 0 × L
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-Ac x n2
54, | -V(No.18) x 60
-16.012 x n2
-Ac x n2
5 | -2.489 x 0 x L
-V(No.18) x 60
-16.012 x n2
-Ac x n2
54, | -V(No.18) x 60
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 | -V(No.18) x 60
-16.012 x n2
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 | -V(No.18) x 60
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 | -i6.012 x n2
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54 | -Ac x n2
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Work division: No. 2.6 Concrete ditch and culvert Package 3 Meruya area

Name of channel:

L≖ H=

n2=

0

MM101 - MM103+46.9

248.2 m : Length of concrete ditch

1.71 m : Height of cancrete channel (Design crest EL. - Design channel bed EL)

4.757 m2: Section area of concrete ditch Ac -

nt≃

213 : nos. of weep holes (= 2 x H x L /4.0m2) 32 : nos. of contraction jouints per lane (= L / 8.0m)

ltem No.	Discription		Quantitiy	unit
2.6				
/05	Rubble bedding	=8.8 x 0.2 x L	436.8	cu.m 👘
/06	Geo-textile	=0.3 x 0.3 x n1	19.2	sq.m 👘
/08	Gravel filter	=0.3 x 0.3 x0.3 x n1	5.8	cu.m
/09	PVC pipe for weep hole	=0.4 x n1	85.2	lin.m
	Concrete Type 3			cu.m
	Concrete Type 4	≠Ac x L	1,180.7	cu.m
	Concrete Type 5	=8.8 x 0.1 x L	218.4	сข.m
	Form, Type F1 (for concrete ditch)	=(H+0,4) x 2 x L	1,047.4	sq.m 🗉
	(for joints)	=Ac x n2	152.2	sq.m
/20	Form, Type F2	=Hx2xL	848.8	so.m
	Reinforcing bars	=V(No.18) x 60	70,841.2	kg
	PVC water stop	=11.686 x n2		lin.m
	Joint bar	=12 x n2	384	nos.
	Bitumen coating	= Ac+0.0785 x 12 x n2		sq.m

Work division: No. 2.6 Concrete ditch and culvert

Package 3 Name of channel:

Ac=

n1= n2=

Méruya area

MM103+46.9 - MM104

L= 46 m : Length of concrete ditch H=

1.85 m : Height of cancrete channel (Design crest EL. - Design channel bed EL)

4.455 m2: Section area of concrete ditch

43 : nos. of weep holes (= 2 x H x L /4.0m2) 6 : nos. of contraction jouints per lane (= L / 8.0m)

ltem Quantitiy บก่เ No. Discription 2.6 =7.8 x 0.2 x L 71.8 cu.m /05 Rubble bedding 3.9 sq.m 706 Geo-textile =0.3 x 0.3 x nl =0.3 x 0.3 x0.3 x n1 I.2 cu.m /08 Gravel filter 85.2 lin.m 709 PVC pipe for weep hole =0.4 x n1 cu.m /16 Concrete Type 3 204.9 cu.m /17 Concrete Type 4 =AcxL 35.9 cu.m ⇒7.8 x 0.1 x L 718 Concrete Type 5 207.0 sq.m =(H+0.4) x 2 x L /19 Form, Type F1 (for concrete ditch) 26.7 sq.m (for joints) -Ac x n2 170.2 sq.m /20 Form, Type F2 -Hx2xL =Y(No.18) x 60 12,295.8 kg 121 Reinforcing bars =10.966 x n2 65.8 lin.m /22 PVC water stop 66 nos. **=}1** x n2 /23 Joint bar = Ac+0.0785 x 11 x n2 9.6 sq.m /25 Bitumen coating



Work division: No. 2.6 Concrete ditch and culvert Package 3 Name of channel: Meruya area MM104 - MM104+65.4 L¤ 65.4 m : Length of concrete ditch

H=

1.8 m : Height of cancrete channel (Design crest EL. - Design channel bed EL.)

0

Ac= 4.02 m2: Section area of concrete ditch

59 : nos. of weep holes (# 2 x H x L /4.0m2)

9 : nos. of contraction jouints pre lane(= L / 8.0m)

ltem No.	Discription				Quantitiy	unit
2.6					<u> </u>	
705 Rubble bedding			≈6.8 x 0.2 x L		88.9	сย.m
/06 Geo-textile			=0.3 x 0.3 x ni		5.3	sq.m
/08 Gravel filter			=0.3 x 0.3 x0.3 x n1		1.6	ល
/09 PVC pipe for v	veep hole	1	≠0.4 x n1	1	23.6	lin.m
/16 Concrete Type	3					cu.m
/17 Concrete Type	4		=Ac x L	1	262.9	cu.m
/18 Concrete Type	5		=6.8 x 0.1 x L		44.5	cu.m
119 Form, Type FI	(for concrete ditch	h)	=(H+0.4) x 2 x L		287.8	sq.m
		oints)	=Ac x n2	1. A.		sq.m
/20 Form, Type F2			=H x 2 x L	- A - 1	235.4	
/21 Reinforcing ba	rs		=V(No.18) x 60		15,774.5	kg
/22 PVC water sto	p		=9.866 x n2		88.8	lin.m
/23 Joint bar			=10 x n2			nos.
/25 Bitumen coatin	ıg		= Ac+0.0785 x 10 x n2			sq.m
					:	

Work division: No. 2.6 Concrete ditch and culvert Package 3

Name of channel: Meruya area

MM310 - MM15+120.8

L¤ 508.2 m : Length of concrete ditch

H≂ 2.317 m : Height of cancrete channel (Design crest EL. - Design channel bed EL) 2.565 m2: Section area of concrete ditch(per one lane)

Acnt⊭

nl⇒

n2=

589 : nos. of weep holes per lane (= 2 x H x E /4.0m2)

n2⇔ 64 : nos. of contraction jouints pre lane(= L / 8.0m)

tem No.	Discription		Quantitiy	ບກາ່ເ
2.6				
/05	Rubble bedding		467.5	ເຍ.ຫ
/06	Geo-textile	=0.3 x 0.3 x n1x 2	0.4	sq.m 🗄
/08	Gravel filter	=0.3 x 0.3 x0.3 x n1 x 2	31.8	cu.m
/09	PVC pipe for weep hole	=0.4 x n1 x 2	471.2	lin.m
/16	Concrete Type 3		0,195	ดัย.m
117	Concrete Type 4	=Ac x L x 2	2,607.1	cu.m
/18	Concrete Type 5	=2.3 x 0.1 x L x 2	233.8	cu.m
/19	Form, Type Fi (for concrete ditch)	=(H+0.4) x 2 x L x 2	5,523.1	sq.m :
	(for joints)	=Ac x n2 x 2	328.3	sq.m
/20	Form, Type F2	=Hx2xLx2	4,710.0	sq.m .
/21	Reinforcing bars	=V(No.18) x 60	156,424.0	kg
/22	PVC water stop	⇒2 x 6.4 x л2	819.2	-
/23	Joint bar	≠7 x n2 x 2	896	nos.
/25	Bitumen coating	= (Ac+0.0785 x 7 x n2)x 2	75.5	sq.m
/26	Trash rack	=2 x 1.5 x 2.81 x 151 km/m2	1,272.9	

Work division: Package 3

No. 2.6 Concrete ditch and culvert

Name of channel: Meruya area

MM15+120.8 - MM19+5.8

133.1 m: Length of concrete ditch

2.4 m : Height of cancrete channel (Design crest EL. - Design channel bed EL)

Ac≠ 2.523 m2: Section area of concrete ditch(per one lane)

ni= n2∞

L⊨

H=

160 : nos. of weep holes per lane (= 2 x H x L /4.0m2) 17 : nos. of contraction jouints pre lane(= L / 8.0m)

tem		·····			[
No. ·	Discription			Quantitiy	unit
		·.		1 () () ()	1910 - E.
2.6		· · ·			
/05]Rubble bedding		÷	=2.05 x 0.2 x L x 2	109.1	ću.m 🗠
/06 Geo-textile		1.11	=0.3 x 0.3 x n1x 2	0.4	sq.m 🗉
/08 Gravel filter			=0.3 x 0.3 x0.3 x n1 x 2	8.6	<u>cu.m</u>
/09 PVC pipe for v	veep hole	1.5	=0.4 x n1 x 2	128.0	lio.m.
/16 Concrete Type	3				cu.m
/17 Concrete Type	4	· · · .	=AcxLx2	671.6	¢ម.៣ ្រ
/18 Concrete Type	5		=2.05 x 0.1 x L x 2	54.6	cu.m
/19 Form, Type F1	(for concrete ditch)		≃(H+0.4) x 2 x L x 2	1,490.7	sq.m
	(for joint	s)	=Ac x n2 x 2		sq m
/20 Form, Type F2			=Hx2xLx2	1,277.8	•
/21 Reinforcing ba			=V(No.18) x 60	40,297.4	-
/22 PVC water sto		1.1	=2 x 6.316 x n2		lin.m
/23 Joint bar	•		=7 x p2 x 2		nos.
/25 Bitumen coatir	12	1.50	= (Ac+0.0785 x 7 x n2)x 2		sq.m

Work division: No. 2.6 Concrete ditch and culvert

Package 3

nl=

n2=

I

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Name of channel: Meruya area

MM19+5.8 - MM20+28.8

La 80.9 m : Length of concrete ditch

2.04 m : Height of cancrete channel (Design crest EL. - Design channel bed EL) H≖ Ac=

2.771 m2: Section area of concrete ditch

83 : nos. of weep holes (= 2 x H x L /4.0m2)

11 : nos. of contraction jouints pre lane(= L/8.0m)

ltem No.	Discription		Quantitiy	บกเเ
/06	Rubble bedding Geo-textile	=3.3 x 0.2 x L =0.3 x 0.3 x n1	53.4 7.5	cu.m sq.m
/09 /16	Gravel filter PVC pipe for weep hole Concrete Type 3	=0.3 x 0.3 x0.3 x nł ≖0.4 x nl	33.2	cu.m lin.m cu.m
/18	Concrete Type 4 Concrete Type 5 Form, Type F1 (for concrete ditch)	=AcxL = 3.3 x 0.1 x L =(H+0.4) x 2 x L	224.2 26.7 394,8	ເນ.ຫຼ
	(for joints) Form, Type F2 Reinforcing bars	=Ac x n2 =H x 2 x L =V(No.18) x 60	30.5 330.1 13,450.4	
/23	PVC water stop Joint bar Bitumen coating	=6.846 x n2 =7 x n2 = Ac+0.0785 x 7 x n2		lin.m nos. sq.m

No. 2.6 Concrete ditch and culvert Work division: Package 3 Name of channel: Meruya area MM20+28.8 - MM21+46.0

[.≖ 42.2 m : Length of concrete ditch

Ha 1.9 m : Height of cancrete channel (Design crest EL. - Design channel bed EL)

2.553 m2: Section area of concrete ditch Ar⇔

ni=

41 : nos. of weep holes (= 2 x H x L /4.0m2) 6 : nos. of contraction jouints (= L/8.0m)

n2=

ltem : No.	Discription		Quantitiy	unit
2.6			. <u> </u>	
/05	Rubble bedding	=3.0 x 0.2 x L	25.3	çu.m
/06	Geo-textile	=0.3 x 0.3 x n1	3.7	sq.m -
/08	Gravel filter	=0.3 x 0.3 x0.3 x n1	1.1	cù.m
/09	PVC pipe for weep hole	=0.4 x n1	16.4	lin.m
/16	Concrete Type 3			cu.m
/17	Concrete Type 4	¤Ac x L	107.7	cu.m
/18	Concrete Type 5	= 3.0 x 0.1 x L	12.7	cu.m
/19	Form, Type F1 (for concrete ditch)	⊨(H+0.4) x 2 x L	194.1	sq.m
	(for joints)	=Ac x n2	15.3	sq.m
/20	Form, Type F2	=Hx2xL	160.4	sq.m
	Reinforcing bars	=V(No.18) x 60	6,464.2	kg
/22	PVC water stop	=6.266 x n2	37.6	lin.m
/23	Joint bar	.∞7 x n2	42	nos.
/25	Bitumen coating	- Ac+0.0785 x 7 x n2	5.9	sq.m

Work division:

Package 3

Name of channel: Meruya area MM25+89.6 - E.P.

L= 221.7 m : Length of concrete ditch

H≖ 1.48 m : Height of cancrete channel (Design crest EL. - Design channel bed EL)

Ac= nl≖

n2≖

1.303 m2: Section area of concrete ditch 165 : nos. of weep holes (= 2 x H x L /4.0m2)

No. 2.6 Concrete ditch and culvert

28 : nos. of contraction jouints (= L/ 8.0m)

ltem No.	Discription		Quantitiy	unit
2.6		·····	······	
/05	Rubble bedding	=1.8 x 0.2 x L	79.8	cu.m
706	Geo-textile	=0.3 x 0.3 x n1	14.9	sq.m
/08	Gravel filter	≠0.3 x 0.3 x0.3 x n1	4.5	cu.m
/09	PVC pipe for weep hole	=0.4 x n1	66.0	lia.m :
/16	Concrete Type 3		0.156	cu.m
117	Concrete Type 4	=Ac x L	288.9	cu.m
/18	Concrete Type 5	= 1.8 x 0.1 x L	39.9	cu.m
. /19	Form, Type F1 (for concrete ditch)	=(H+0.4) x 2 x L	833.6	sq.m
	(for joints)	=Ac x n2	36.5	sq.m
/20	Form, Type F2	=Hx2xL	656.2	sq.m
	Reinforcing bars		17,332.5	kg
122	PVC water stop	=4.426 x n2	123.9	lin.m
	Joint bar	=5 x n2	140	nos.
125	Bitumen coating	= Ac+0.0785 x 5 x n2	12.3	są.m
	Frash rack	≈2.2 x 1.94 x 151 km/m2	644.5	kg
- 1		1 · · · ·]	1

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Remarks		· · · ·	· · · ·			-	•	•		•		• • •										•
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scription Calculation Details	-Type 44	+ (2.2+25)x2.5×0.4 + (0.4+05	- 11 ONE + 0 15 - 10 11 - 11 ONE + 0 11 - 11 - 11 - 11 - 11 - 11 - 11 -	1		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				1.15 to.608)x(67+2.1+2.	19 865			(1.765+ n.283 + 1.968)x 2x1	Z XOI	457			19.86× 80= 1529			
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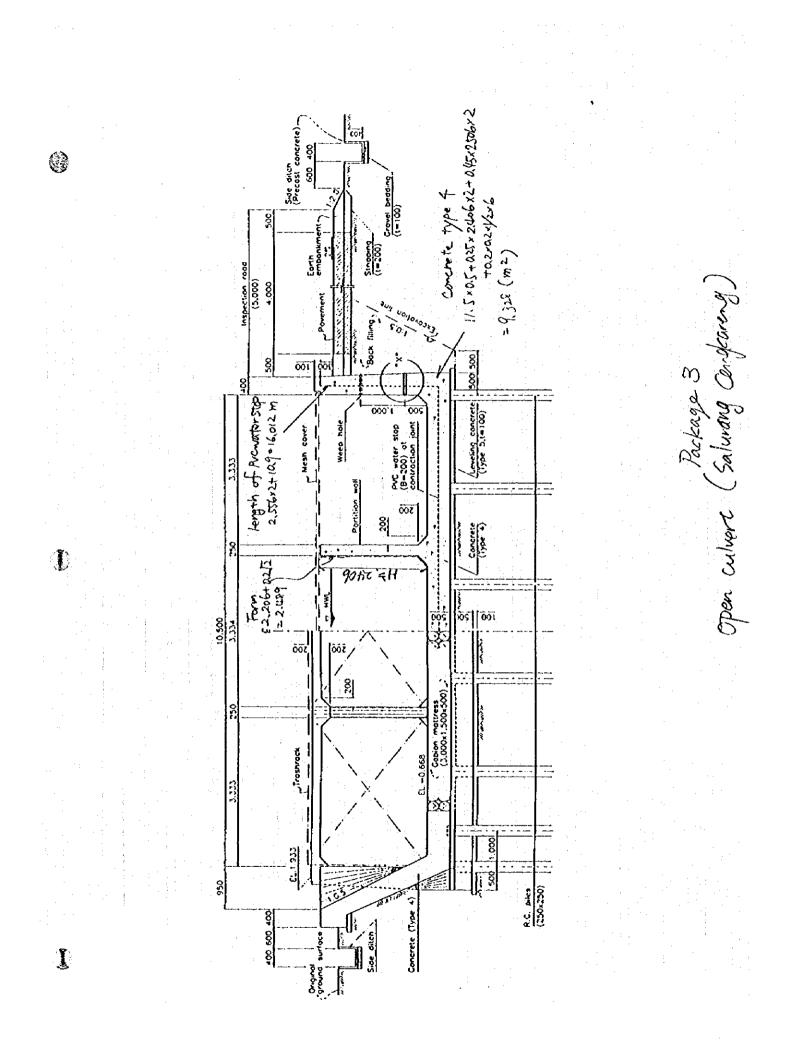
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Calculation DetailsUnit QuantityRemarkstrue of Gele/Br Drainage ChannelUnit QuantityRemarks $(1252)8+[57+14+1,4)\times2,82,05=6]6,616Cum696,816(1252)8+[57+14+1,4)\times2,82,05=6]6,616Cum696,816(1252)8+[57+14+1,4)\times2,82,05=6]Cum696,816(1252)8+[57+14+1,4)\times2,82,05=6]Cum696,816(1252)8+20=18,146Cum696,816(1252)8,20=18,148Cum696,816(1251)12,2,812,05=18,148Cum02,261(1251)12,2,812,05=18,148Cum02,261(1251)12,0,05=18,148Cum107,00(1251)12,0,02=18,148Cum107,00(1251)12,0,02=18,148Cum1201,00(1251)12,0,02=18,148Sem1200,00(1251)12,0,02=18,0,02=16,02Sem1206,00(1251)12,0,02=18,0,02=16,02Sem1206,00(1251)12,0,02=18,0,02=16,02Sem1206,00(1251)12,0,02=18,0,02=16,02Sem1206,00(1251)12,0,02=18,0,02=16,02Sem1206,00(1251)12,0,02=18,0,02=16,02Sem1206,00(1251)12,0,02=18,0,02=16,02Sem1206,00(1251)12,0,02=18,02=16,02SemSem(1121,020=6,01)7SemSem(1121,010,01)12,020=6,01)7SemSem(1121,010,01)12,020=6,01)7SemSem(1121,010,01)12,010,010,020SemSem(1121,010,010,01)12,010,010,020SemSem(1121,010,010,010,010,010,020SemSem(1121,010,010,$
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Unit		E.W			59.W			S9.M	0	49	 >	1.10.2		nos.					الل ا- کک	2			 						
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Details		22-1-28	ľ	ą			wi3+35x2,3v2	6.016		6.1	-	- 13				0.250.2+1		2 + (00+12)											
Calculation Details		<u>(L'OX 200×0.1+0.5×35×2×0.1=28</u>		28×6047 X2+0.4x(13x2+20+			2.3x20x 7.4/0.5+0.707 x13+	+ 6.3,5×13,0 - 206,016		20103Tx60= 121161		20-65-49.3Mx2+ B.3)x2		1 = 57	,	(0,3+0+)x2 3+14×05+0.2×0		0.5×200+04×04×2 +00+2	= 0 558										
	2	X 20.0X01		-XDOGT X2-	2)12	· · · · · · · · · · · · · · · · · · ·	3×20× 2+/	+ 6.2.5		01 03 Tx 1	120	0+05+1		56.608 ÷ 1	1.0	3+0+)x2 3	706 =	5×200+1	1										
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Sheet 2 0 Remarks 121.75 02% р С 20.02 B 24 46 Quantity <u>5</u> 28 0 0 7887 50 ž N S 55.m Unit CU.M V.U.W. 8 10 11 60 Ø <u>g</u> 88. 0×05+1951 + 781 + 12.6)×05×2.41 =12.2U 124 5.8×02×0.95+025251=150 19,5/+7,8/+1,26),19,41+05)= L 243 Working Division: 2.6 Diff and culurent 2, 5 × UR. 7 = 121.75 Calculation Details 105,78 × 60= 63468 : 0x16.3+ x5x2.41x2=1 251×2+15.7=20.72 25/x/5×2+2.357×2 × 2.41 +0.5×0.5× 16.3 = 7xtx 287×151=4 334 24×0.4×5.8=2928 Trash tack (Inlet from branch 188.0x0, 1=18.8 4.51+7,81+126 Sira H=2 Th P/C wheterstop Concrete Type U T ype S Reintarcing る日 From H 30 Ferro 18 Concrete Description 120 Form Į 122 त्री 1 á 5

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Description Unit Quantity	ty Remarks
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16 Concrete Type 3	
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Ac=alt x 2.402 x2+118,0, t + a 2xa2	
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Tr= R102×2.0+ 05×0.5× 11.3-19.029	

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Private ditrib and culves T alculation Details $x_0.5 \times 5.5 = 7322$ $x_0.5 \times 5.5 = 7322$ $x_0.5 \times 5.5 = 7322$ $5 \times 1.3 = 1.695$ $5 \times 1.3 = 1.695$ $2 \times 1.3 = 1.695$ $2 \times 2 \times 2.484$ $2 \times 5 \times 2.484$ 2×2.484 $2 \times 10 \times 1.0$ $2 \times 2 = 2.684$ $2 \times 2 = 2.684$ $3 \times 2 = 2.684$ $3 \times 2 = 2.684$		· .				m				5		•					24		that		10 2	0		
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Sla	Remarks						•				• • •	•											·				
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and en vert	Unit						C		X					+ 1,5×0,9×86					3		\$20,928	8.6=4326	3		×)-/%		
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		MOVINO ANOR	1.1.		sabon mattress (g	σ	30×160×1	Turnishing steel shoet silve	o dra di		Unit who steel should	Concrete TVDE 4	n na ann an Airte an	5×1/2×81 5×0/7	+1.5×0.3×12	= 16.91	oto thes	/1	GOXOLX		(11,0+0,UX2)x218	x(9.0+5.1)			4.0x2.18x2+11		
Working Division: 2.6	Description	17	1 - Longron		1.1 Cabo			in Turk			13 01.0	117 Conc					118 Condrate				- with hit			/20 Form F2			

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0 shoot 2 Remarks 2011.28 0 76 78 Quantity 25 U.W. Unit ٢ 27 ð Working Division: 26 Concrete Streh and Culvert 1x 13 + 12, 5) + 11 × 9 + 8,3 14 10,1 6401. 231 = m/67 232. 10kg Calculation Details ¢ da K Z 25783-208 3/4 " 60.17\$ - 00x 91:20 208 × 668 = 34944 = 45.0 (in. W adra 8 pars Galvahized Steel Steel 21 Rowthreing Percinaviac Description I कु रू 6.5

1.3 Drainage Facilities 1.3.1 Sluiceway

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Summary of Work Quantities, SLUICEWAY

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Package 1 Item	Description	Unit	Total Package 1	Stagel	Stage2	Kamal	Stage 3	
			υ,	main	main	Total	miin	branch
3.1 Sluiceway		· · · ·						
	d care of water including dewatering	LS.						
	including trench cut	cu.m	2,493		1,594	899	250	649
	with selected materials	cv.m	614		453	161	86	- 75
104 Geo-textile,	t=1.5 mm	sq.m	23		13	10	2	8
105 Gravelbood	ing	cu.m	157		135	22	7	15
106 Cobble/rubb	ole fulling	cu.m	41		31	10		10
107 Wetcobble	rubble masonry, type 2	cu.m	334		285	49	15	34
/ 08 Gabion mat	tress, 3.0x1.5x0.5 m, PVC costed wire	cu m	277		164	113	27	86
/ 09 PVC pipe fe	er weep hole, diam. 50mm	lin m	37		25	12	4	8
/ 10 Bitumen con	ating	sq.m	4	1				
/ 11 Furnishing s	teel sheet pile, YSPF, W= 400mm	sq m	354		247	107	37	70
/ 12 Driving of s	teel sheet pile, for Item No. 3.1/11	sq m	354		247	+ 107	37	70
113 Furnishing I	RC Piles, 250 mm x 250 mm	lin m	1,703		1,113	590	180	410
/ 14 Driving of F	C piles, for Item No. 3.1/13	រៃក.៣	1,703		1,113	590	180	410
/ 15 Concrete, ty	pe 3, for blockout concrete	cu.m	24		14	10	2	. 8
/ 16 Concrete, ty	pe 4, for sluiceway structures and	cu.m	377		273	104	35	69
/ 17 Concrete, ty	pe 5, for leveling	cu.m	57	8	42	15	4	11
/ 18 Base mortan		cu.m	84		71	13	4	9
/ 19 Form, type 1	F1, for Item Nos. 3.1/15 and 3.1/16	sq m	1,944		1,472	472	176	296
/ 20 Form, type]	P2, for Item Nos. 3.1/15 and 3.1/16	sqm	474		341	133	43	90
/ 21 Reinforcing	bars, for Item Nos. 3.1/15 and 3.1/16	kg	44,216		32,157	12,059	4,110	7,949
/ 22 Joint bars, d	liam. 25mm, L-1m	nos.	10		10		2.4	1.1.1.1.1
/ 23 PVC waters	top, W-200inm	lin m	10		10			
/ 24 Rubber join	t filler, t= 10 mm	sq.m	45	· · · ·	22	23	10	13
1 25 Steel slide g	ate including hoist, guide frame,		1		1			
	and spare parts, $W = 0.7$ m x H = 0.7 m	set.	1					
Staal clida o	ate including hoist, guide frame,		7		3	4	1	3
176	and spare parts, W= 0.8 m x H = 0.8 m	521			3	. 4		
Stal dida o	ate including hoist, guide frame.					1	·	
	and spare parts, $W = 0.9 \text{ m} \times 11 = 0.9 \text{ m}$	set	1 N N 1			1		
Staal ebda o	ate including hoist, guide frame,		4		3	1	1	
	and spare parts, W- 1.0 m x H = 1.0 m	ક્રમ	4			1	•]	
Caral al da -	ate including hoist, guide frame,		3		3			
	and spare parts, W= 1.1 m x H = 1.1 m	set	د .		ر ا	ļ		
Staal elida o	ate including hoist, guide frame,		2		2			
	and spare parts, W=1.2 m x H = 1.2 m	set	2	·				
Staal clida o	ate including hoist, guide frame,							
	and spare parts, W-1.3 m x H - 1.3 m	set	. 1		1			
Staal clida o	ate including hoist, guide frame,		•					
	and spare parts, W-1.5 m x H - 1.3 m	set	· · 1		1		.	
Staal Ban O	ate including guide frame, accessories and							
	W=0.4 m x H = 0.4 m	s≈t	. 4			4		. 4
	Nog. W = 0.4 m x H = 0.4 m	set	1			3		1
	blog, W = 0.7 m x H = 0.7 m	set	1		i i i i i i i i i i i i i i i i i i i			
	$\log W = 0.8 \text{ m x H} = 0.8 \text{ m}$	541	1		1			· · · ·
	$\log_2 W = 0.9 \text{ m x H} = 0.9 \text{ m}$	set	ī		· · ·	- 1		3
	$\log, W = 1.0 \text{ m x H} = 1.0 \text{ m}$	set			· 1			
	$\log_2 W = 1.1 \text{ m x H} = 1.1 \text{ m}$	521	i	· · · · · · · · · · · · · · · · · · ·	1			
	$\log_2 W = 1.2 \text{ m x H} = 1.2 \text{ m}$	set	1	·	ī			
	$\log_2 W = 1.3 \text{ m x H} = 1.3 \text{ m}$	set	1	· · · · · · · · · · · · · · · · · · ·	1			
	$\log_2 W = 1.5 \text{ m} \times 10^{-1.5 \text{ m}}$	- <u></u>	<u> </u>		1			
	······································							

sw-1

Summary of Work Quantities, SLUICEWAY

rackage z	Package	2
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Item Description	Unit	Total Package 2	Tanjungan	PIK Junction
		Fackage 2		JUIKLION
3.1 Slukeway				
1.01 Coffering and care of water including dewatering	LS.			·
/ 02 Excavation including trench cut	cu.m	549	538	11
1 03 Backfilling with selected materials	cu.m	78	67	11
/ 04 Geo-textile, t=1.5 mm	sq.m	6	5	1
1 05 Gravet bedding	cv.m	24	20	4
1 06 Wet cobble/rubble masonry, type 2	cu.m	57	47	10
107 Gabion mattress, 3.0x1.5x0.5 m, PVC coated wire	cu.m	78	71	7
1 08 PVC pipe for weep hole, diam, 50mm	tin.m	9	7	2
1 09 Furnishing steel sheet pile, YSPF, W= 400mm	sq.m	20	20	
/ 10 Driving of steel sheet pile, for Item No. 3.1/09	sq.m	20	20	· · · · · ·
/ 11 Furnishing RC Piles, 250 mm x 250 mm	lin.m	560	512	48
/ 12 Driving of RC piles, for Item No. 3.1/11	lin.m	560	512	48
/ 13 Concrete, type 3, for blockout concrete	cu.m	9	8	1
/ 14 Concrete, type 4, for sluiceway structures and revelment	CU.m	71	62	9
/ 15 Concrete, type 5, for leveling	cu.m	12	11	1
/ 16 Base mortar	cu.m	14	.12	2
/ 17 Form, type F1, for Item Nos. 3.1/13 and 3.1/14	sq.m	228	214	.14
/ 18 Form, type F2, for Item Nos. 3.1/13 and 3.1/14	sq.m	128	113	15
/ 19 Reinforcing bars, for Item Nos. 3.1/13 and 3.1/14	kg	7,914	6,934	980
/ 20 Rubber joint filler, t= 10 mm	sq.m	4	4	
1 21 Steel slide gate including hoist, guide frame, accessories and	set	4	4	
spare parts, $W = 0.8 \text{ m} \times H = 0.8 \text{ m}$				
1 22 Steel slide gate including hoist, guide frame, accessories and	set	3	3	
spare parts, $W = 1.0 \text{ m x H} = 1.0 \text{ m}$				
1 23 Steel slide gate including hoist, guide frame, accessories and	set	1		1
state parts, W- 1.1 m x H - 1.1 m			l	
1 24 Steel flap gate including guide frame, accessories and spare	set	1	. 1	
parts, W= 0.4 m x H = 0.4 m				
		<u> </u>		

SW-2

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Summary of Work Quantities, SLUICEWAY

Item No.	Description	Unit	Total Package 3	Geda/Bor	Saluran Cengkareng	Meruya
3.1	Sluiceway					
/ 01	Coffering and care of water including dewatering	LS.	~			
/ 02	Demolishing, hauling and disposing existing concrete structures	cu.m	65	20	45	
/ 03	Demolishing, hauting and disposing existing asphalt/masonry	ເນ.m	112	38	74	
/ 04	Excavation including trench cut	CU.M	3,625	590	3,035	
	Backfilling with selected materials	CU.M	831	121	710	
	Geo-textile, t=1.5 mm	5Q.M	- 19	4	.15	
	Sod facing	sq.m	62		62	
	Gravel bedding	cu.m	181	9	172	
1 09	Cobble/rubble filling	cu.m	41		41	
/ 10	Wet cobble/rubble masonry, type 2	cu.m	389	21	368	····
/11_	Gabion mattress, 3.0x1.5x0.5 m, PVC coated wire	cu.m	299	58	- 241	
	Gabion mattress, 3.0x1.5x0.5 m, galvanized wire	eu.m	36	36	1.1.1	
/ 13	PVC pipe for weep hole, diam. 50mm	lin.m	- 39	6	33	
	Bitumen coating	sq.m	110		110	
115	Furnishing steel sheet pile, YSPF, W= 400mm	sq.m	391	100	291	
/ 16	Driving of steel sheet pile, for Item No. 3.1/15	sq.m	391	100	291	
/ 17	Furnishing RC Piles, 250 mm x 250 mm	lin.m	1,403	474	929	
	Driving of RC piles, for Item No. 3.1/17	lin.m	1,403	474	929	
	Furnishing RC Piles, 300 mm x 300 mm	lin.m	560		560	
/ 20	Driving of RC piles, for Item No. 3.1/19	lin.m	550	1	560	
	Concrete, type 3, for blockout concrete	сน.กง	31	. 7	24	
/ 22	Concrete, type 4, for sluiceway structures and revetment	cu.m	934	- 98	836	
123	Concrete, type 5, for leveling	cu.m	106	11	95	
124	Base mortar	cu.m	98	10	88	
1 25	Form, type F1, for hern Nos. 3.1/21 and 3.1/22	sq.m	2,594	364	2,230	·
/ 26	Form, type F2, for Item Nos. 3.1/21 and 3.1/22	sq.m	901	175	726	
127	Reinforcing bars, for Item Nos. 3.1/21 and 3.1/22	kg	111,990	11,546	100,444	
/ 28	Joint bars, diam. 25mm, L-1m	nos.	68		68	
/ 29	PVC waterstop, W=200mm	lin.m	65		65	
/ 30	Rubber joint filler, t= 10 mm	sq.m	33	19	14	
/ 31	Sub-base course	cu.m	22		22	· · ·
1 32	Base-course	cu.m	16		16	·
/ 33	Asphalt pavement	sq.m	106		106	
34	Furnishing and installing traps	kg	125		125	······································
/ 35	Steel galvanized pipe, diam. 1 1/4"	kg	28		28	
36	Steel galvanized pipe, diam. 3/4"	kg	61		61	
1 37	Embedded metal for stoplog greove	kg	260		260	
	Steel slide gate including holist, guide frame, accessories and spare parts, $W = 0.8 \text{ m x H} = 0.8 \text{ m}$	ક્લ	5	4		
. 39	Steel slide gate including hoist, guide frame, accessories and spare parts, W= 0.9 m x H = 0.9 m	set	1			
	Steel slide gate including hoist, guide frame, accessories and spare parts, W-1.0 m x H = 1.0 m	set		2	5	
	Steel slide gate including hoist, guide frame, accessories and spare parts, W= 1.1 m x H = 1.1 m	set	4		4	
42	Steel slide gate including hoist, guide frame, accessories and spare parts, W= 1.2 m x H = 1.2 m	set	4		4	
	Steel slide gate including hoist, guide frame, accessories and spare parts, $W = 1.3 \text{ m} \times H = 1.3 \text{ m}$	set	1			
44	Steel slide gate including hoist, guide frame, accessories and spare parts, $W = 2.3 \text{ m} \times H = 2.3 \text{ m}$	set	s		5	
	Timber stoplog, W + 2.3 m x H = 2.3 m	set	2		2	
46	Steel stand for portable hanger	set	10		10	
	Portable hanger, handling tools and slings for 2.3mx2.3m stoplog	set	2		2	

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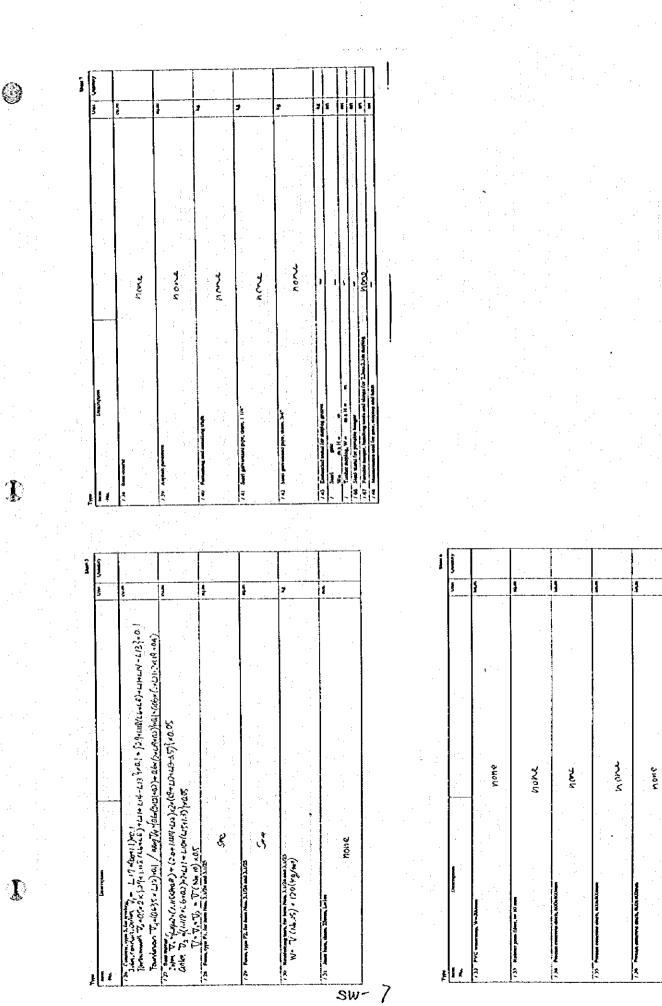
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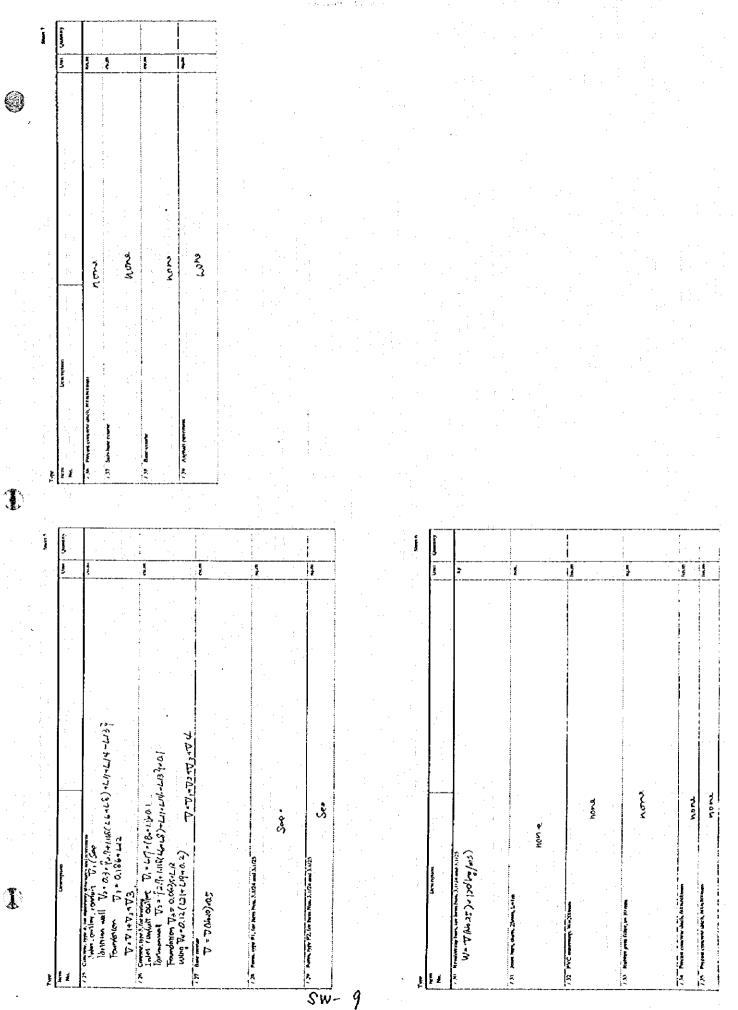
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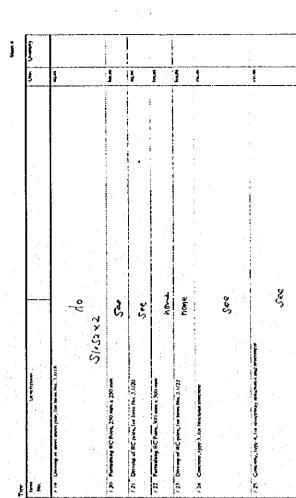
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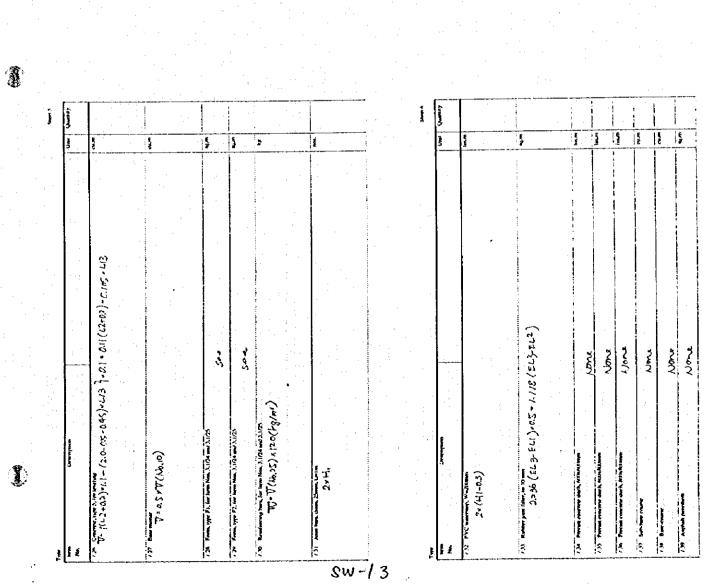


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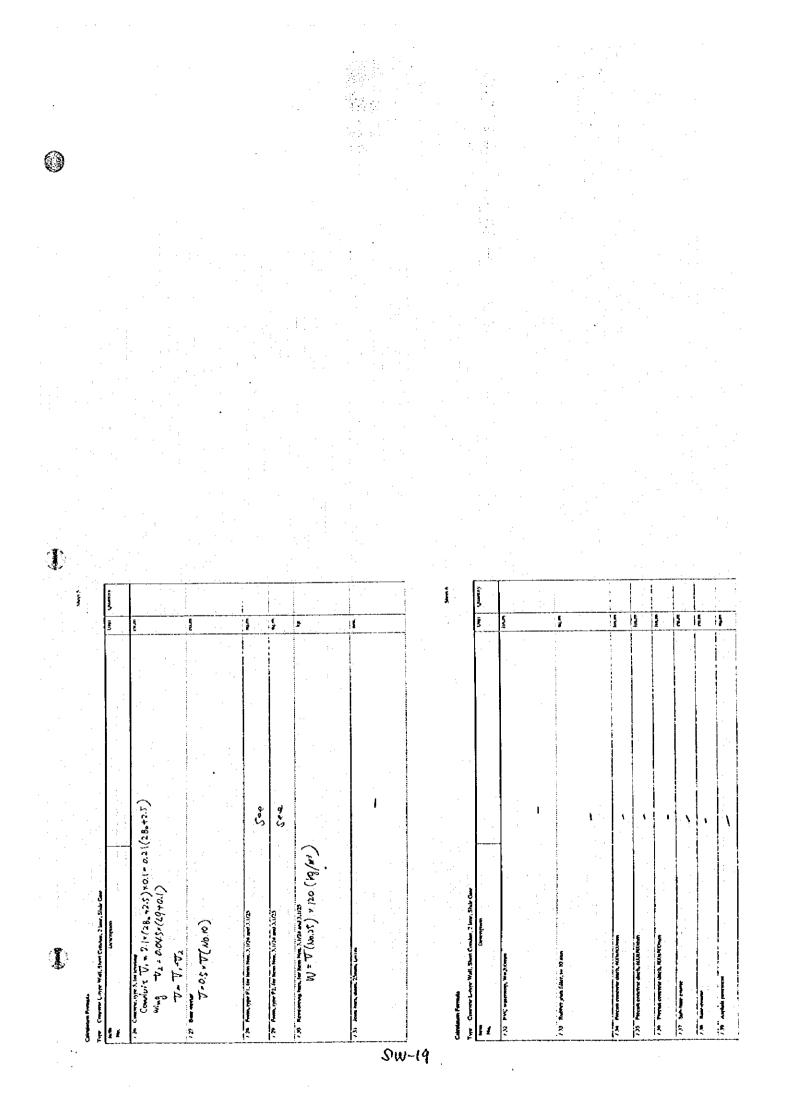
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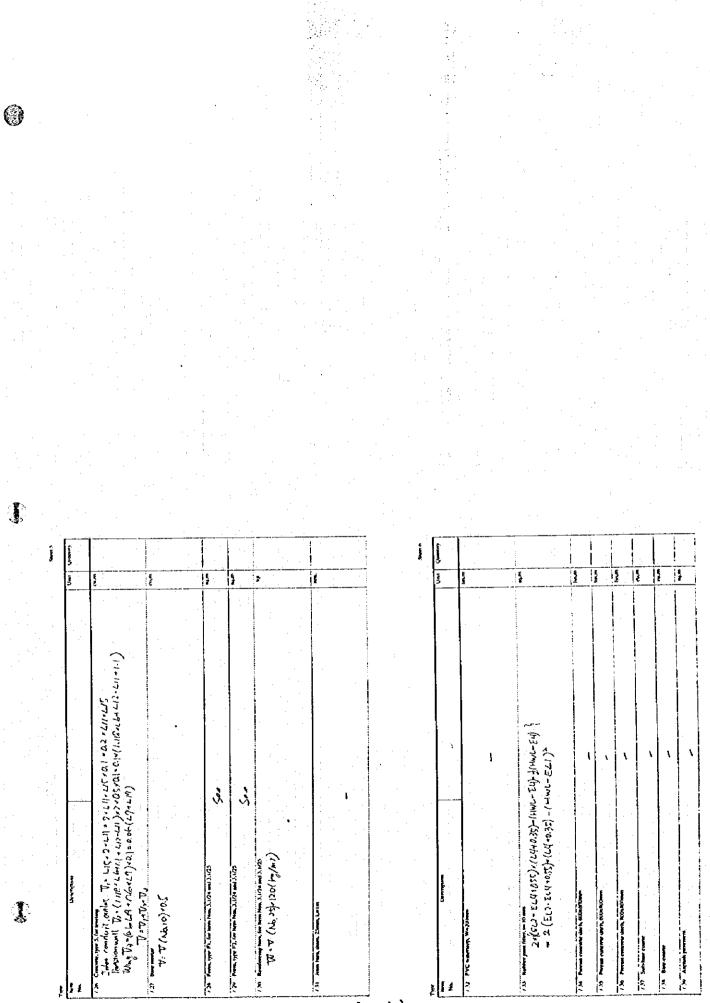
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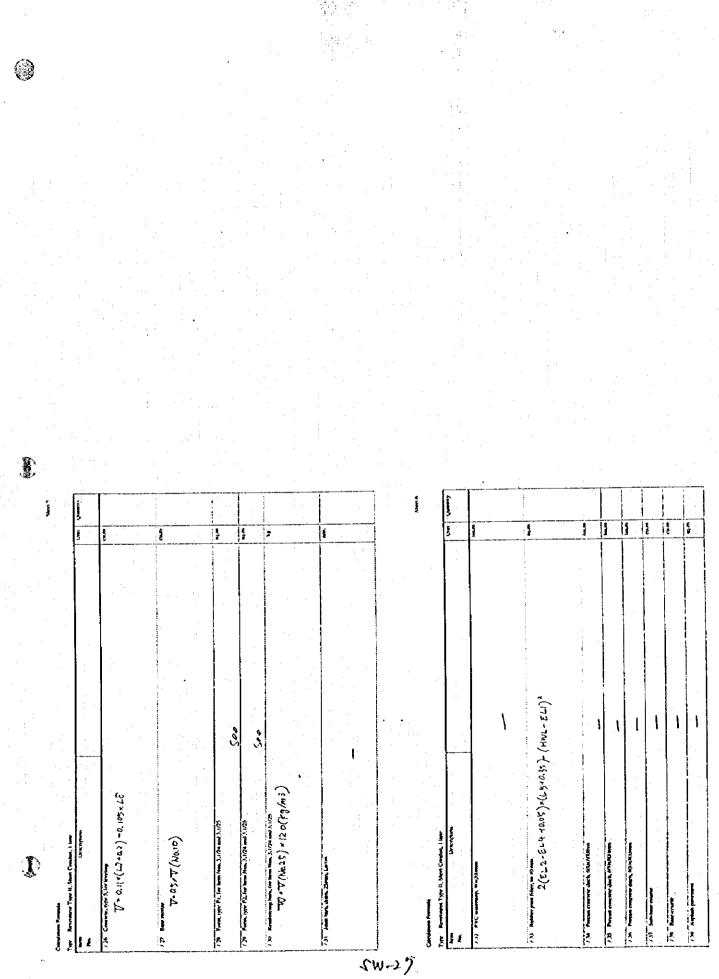
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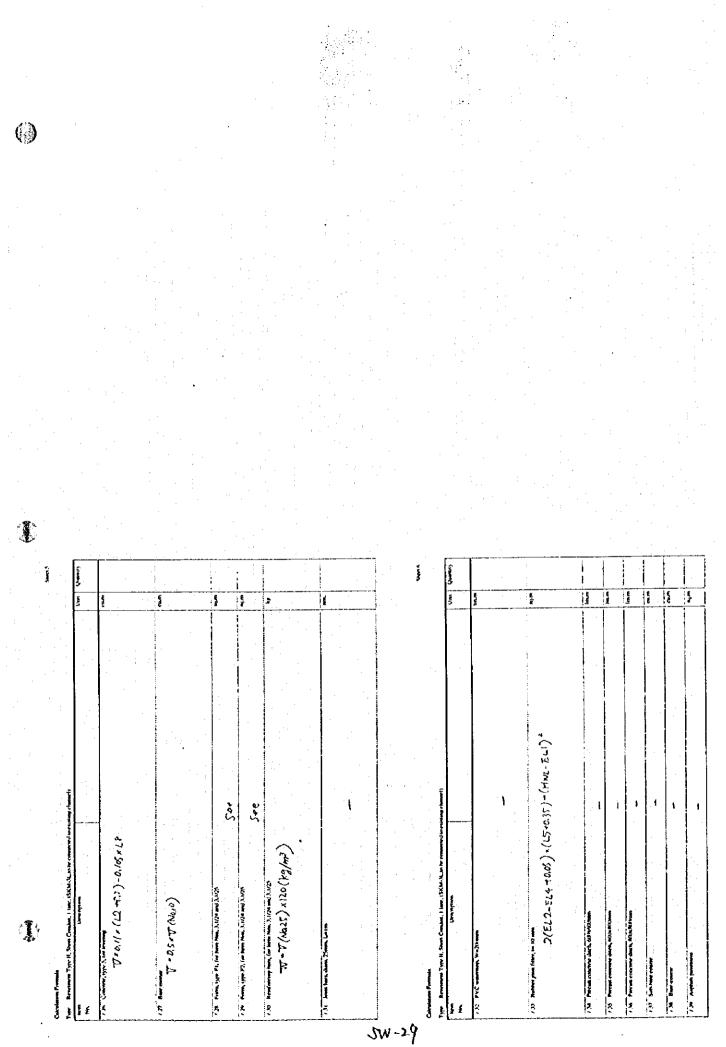
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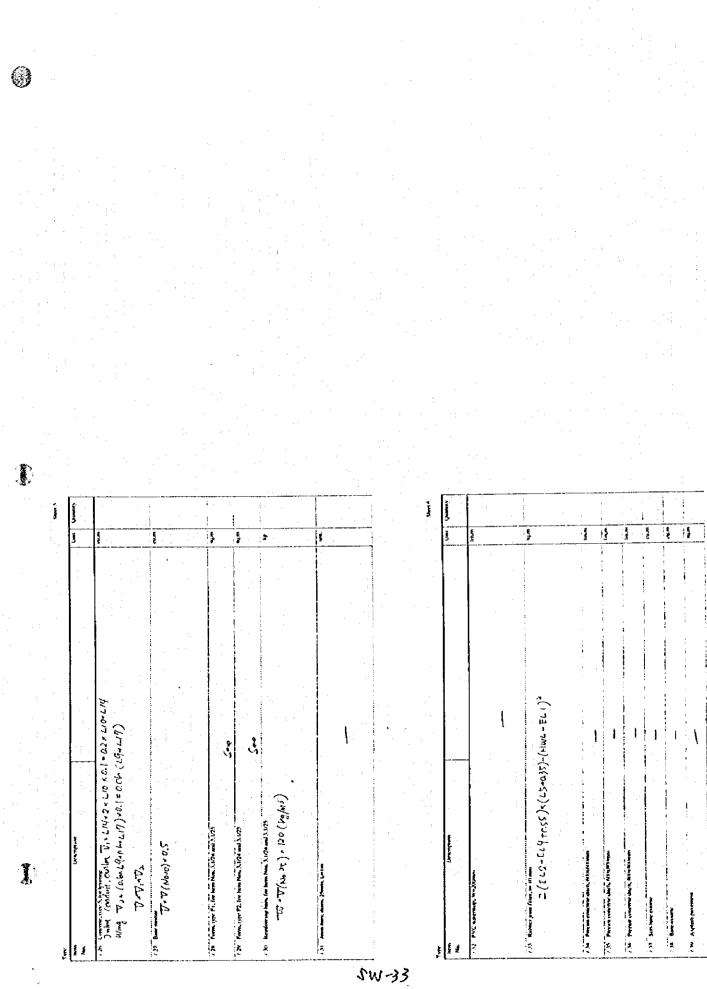
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