SUPERVISED BY							DESIGN FEATURES MELATING TO COMS OR TO REGULATION AND CONTROL OF MAY DE SUBJECT TO CHANGE AS DEE	TRUCTION	STATE STATE	(CF ROLLE	PROME	
DENOMED BY ZER			K K A A K B V	. C1173	D TO COD I TO	Z97 I Z3 3 Y	MAY DE SUBJECT TO CHANGE AS DEE HECESSARY BY THE DEPARTMENT	HED	VA.	143	0143-121-F05, PW-201,PW-202	
S	HEET 3		DRAINA	AGE	DESCRIP	TION					C-50/	
(3	\Box	I - St'd. DI-3A Reg'd, (precast) H-1,22m Inv.10.50					<u>55</u>	I - Std. DI-3 H= 2,44m	AA Regid, (precast Inv.7.40 Stid) 15-1 Revisi		
	3-1) 4-10	53m - 0.375m Conc. Pipe Reg'd. (0.8m cover) Inv11n) (0.50 Inv1aut) (0.15	(4-8)(4-7)	42m - 0,450m C inv(in) 9,55	onc. Plpe Rea'd. (0.8m cover) Inv.(out) 9.32		<u>65</u> 64		Tonc, Pipe Regid. (2. Inviout) 7.23			
5	SHEET 4		4-9	I - Srd. DI-3E H- 1.20m	Reg'd, L-1,2m (precast) Inv.9,80 St'd, IS-I Reg'd.		ക്ക		Conc. Pîpe Regid. (I.) 50 Inviouti 7,40			
9	4-1	I - St'd, Dt-3B Reg'd, L-1,8m (precast) H+1,20 Inv, 9,40	SHEET 4 (CC	NTINUED)			(5-6)		50 Inv.(out) 7,40 IC Regid. L+I.Bm (pri Inv.7,50 Std			
4	r-la)	2.89m - St'd, MH-1 or MH-2 Reg'd. Inv.7.52 - St'd, IS-1 Reg'd. I - St'd, MH-1 Frame & Cover Reg'd.	49 43 -	Inv:Iin) 9.80	onc, Pîpe Reg'd. (0,9m cover) Inv.(out) 9,65		<u>5</u> 7	i - Sta. Dr-3	AA Redid. (prepast	j.		
	4-10	Im - 0.375m Conc. Pipe Reg'd. (0.8m cover)	4-10	i - Sta. Di-3B H• l.22m	Reg'd, L412m (precast) Inv.1013 St'd, IS-1 Reg'd,				inv.6.9i L-i Req'd. Srd, IS-			
4	F-la) (5-8a)	49m - 0.60m Conc. Pipe Reg'd, (2.7m cover) Institut 7.52 Instability	4-10 4-9	51m - 0,375m Co Inv/in) 1033	nc, Pipe Regid, (0,8m cover) Inviouti 9,80				Conc. Pipe Regid, (2 3) Inv.(aut) 6.8) (ti		box culvert)	
(4	r e	I-St'd, DI-3A, Reg'd, (precast) H-1,20 Inv. 9,85	4.11	3m - Sta MH+i Inv.8.37 I- Sta MH+i	or MH-2 Reg'd. (connect to exist, pipes) Frame & Cover Reg'd. St'd. IS-1.	leard.	(5-8)	I - 5fd. DF3 H+ 3.25m I - 5fd. S	BB Req'd, L*I.Bm (p Inv.7.D4 L-I Req'd, 5t'd. IS-I	recasi i Regid.		
(4	12 (13)	im - 0.375m Conc. Pipe Reg(d. (O.Bm cover) Inv.(In) 9.85 (nv.(out) 9.84	4-12		-Lor MH-2 Reg'd. (connect to exist,0,38m pipe) Frame & Cover Reg'd. St'd,15-11		5-8 5-7	15m - 0.60m : Inv.(in) 7,	Conc. Plpe Regid. (8)4 Inv.(out) 6.94	77m cover)		
4	4-10	73m - 0.60m Conc. Plpe Regid. (2.5m - cover) Inv.lin) 8.05 - Inv.lauti 7.55	(4-13)			eq'd.	SHEET 5 (CO)	NTINUED)				
(4)	4-3	I - SI'd, DI-3A Req'd, I precost) H-I-2O Inv.IO.00		2.89m - Std. MH-I or MH-2. Reg'd. Inv. 805 (connect to exist.0.30m. pipe) I- St'd MH-I Frame & Cover Reg'd. St'd. IS-I Reg'd.	Reg'd.		3.06m Std. Mi	t-For Mit-2 Regid.				
(4	4-3) (4-12)	Im - 0.375m Conc. Pipe Reg'd. (0.8m cover) Inv.lin) IO.DO (inv.loul) 9.99	SHEET 4C						HH-Frome & Cover		-I Reg'd.	
(4	1-12 (4-13)	16m - O.SOm Conc. Pipe Regid. (2.5m cover) Inv. I in J. 10 Inv. 10 In	90-20-40-10	12m - DBL 120m (Conc. Plpe Reg'd.(O.Bm cover) Inv.loul)7.30 2-SPd.EW-7S Re	er el	(5-86) (5-8)		Conc. Pipe Regid. (4 Inv.(out) 7,07			
(4	1 - St'd. DI-JA Rea'd. (precast)		35 m.Tons i Excavate 0.	Erosion Control Stone Class 1,51°d 75m and Backfill with	C-i Placement	59	H= 2.40m		i. IS-I Rea'd.		
	4-4) (4-40)	H+120 Inv.1025 Im + 0.375m Conc. Pipe Reg'd. (0.8m cover) Inv.11n1 10.25 Inv.Lout) 10.24		72 M, Tons Cap with 18 Extend Bedd	(0.6 m depth) No.3 Stone M. Tons (0.15 m depth) Bedding M Ing Mat'l, Aggr. No. 25 or I Bockfill per 2001	ri, Aggr. No. 25 or 26	(5-9) (Box)	27m - 0.90m Inv.(In) 7.	Conc. Pipe Reg'd.(1 55 inv.foul) 6.98 0.6m and Backfili ns Bedding Matl. Agg	2.2m cover)		
4	1-40	Inv.1in) 10.25 Inv.1out) 10.24 2.98m- St'd. MH-1 or MH-2 Reg'd, Inv.8.27 St'd. 15-1 Reg'd.		PBN Standari	l Backfill per 2001 ds,80 M.Tans Reg'd elers Geolextile (Embankment Stabl rs Minor Structure Excavation			(tie into	proposed bax culvet	7)	tabilization) Fabric Re	ierist.
		I-Std. MH-I Frame & Cover Req'd.	SHEET 5	6i Cubic Mete I-Dewatering	rs Minor Structure Excavation Basin Regid.		(5-10)		IB Req'd.L-LBm (pr Inv.773 Sf'd			,,
1	-40) (4-12)	23m - O.S.Om. Conc. Plpe Reg'd. (2.3m. cover) Inv.Stn) 8.27 Inv.Sout) 8J5			n x 182m 8DOLS Regid.		(5-10) (5-9)	32m - 0.90m	Conc. Pine Ren'd. (Sm onver i		
	⑤	I - Std. DI-3B Regd. L+L2m (precost) H+ L2Im Inv.10.30	(5:2) (58:1)	Inv.(In) 6.52	Inv.tout) 5.30			Excavate 98 M.Ta	73 (nv.rout) 7,68 O.Sm and Backfill ns Bedding Mati. Agg	vith r.No.25 or 26	labilization) Fabric Re	
(4)	1-5) (4-11)	Im - 0.375m Conc. Plpe Red'd. (0.8m cover) Inv.lin: 10.30 Inv.lout! 10.29		Excavate I.D 1205 M.Tans	g: Hegd., \$ 5 deg., outlet skew, Debris Rack I m and Backfill with Bedding Mari's Aggr. No. 25 or 28 Meters Minor Structure Excovation nns Erosion Control Stone Class I cement 1-Dewatering Basin Regd san, sewer thru box, see sheet 1615	eq a ar inier ena.	(5-11)	1 - Std. Dt-4	IA Reg(d, (precast)		radilizationi r daric: me	3Q O.
(4	4-11)(4-40)	I9m - 0.60m Conc. Pipe Regid. (2.3m cover) Inv.lin) 8.37 Inv.(out) 8.30		3482 Cubic IO7 Metric To Std. EC-I Plo	Meters Minor Structure Excavation ons Erosian Control Stone Class I I cement - I-Dewatering Basin Rea'd	eq'd.	(5-11) (5-10)		inv.7.76 Strd. Cano, Pipe Regid. (
	4 6)	i - St'd. Di-38 Req'd. L+1,8m precast i H+1,43m Inv. 9,05 St'd. IS-1 Req'd.						69 M.7a	Canc. Pipe Regid. (16 Inv. Laut) 7.73 0.6m and Backfill v ns Bedding Matt. Ago	r.No.25 or 26		
	1-5 (5-14)	42.5m - 0,60m Conc. Pipe Reqid, (0,9m cover) Irw.lin) 9,05 Inv.lout) 8,84		See Sheet IGI. I - St'd. DI-3AA	xist, 375mm pipe) 25) For Waterline Crossing Details		(5-12)	45 Squa	re Meters Georgative	(Embankmeni S)	tablitzation) Fabric Re	eq'd.
	4-7	1 - 51'd. DI-38 Req'd. L-I.2m (precast) H- I.33m Inv.9.29 St'd. IS-I Req'd.	(3)	H+ 3,Olm	Inv. 6.99 St d. 15-1 Reg d.				C Regid. L-2.4m (pr Inv.7.83 Std.			
	47 (46)	23m - 0.450m Conc. Plac Rea'd. (0.9m sover)	(5-3) (Box)		onc. Pipe Regid. (2.4m cover) Inviout) 6.8i (He Into propose	d box culvert l	(5-12) (5-11)	tavila) 7. Excavate	Conc. Plpe Reg'd. (33 Inv.(out) 7.79 O.Sm and BackFill	im cover)		
	4-8	InvIIn) 9:29 InvIout) 9:17 1 - Std. DI-3B Reg(d. L-I.Bm (precast)	(5-4)		Reg'd, (precast) Inv.7.20 St'd. IS-I Reg'd.			85 M.Ta 55 Squa	ns Bedding Mati.Agg re Meters Geotextile	r.No.25 or 26 (Embankment Si	tabilization) Fabric Re	eq'd.
1		H= 1.30m inv, 9.55 St'd, IS-1 Reg'd.	54) 53)	36m - 0.60m Cor Inv11n) 7.20	ic. Pipe Reg'd. (2.4m cover) Inv.lout) 7.02				pi ani na	1 attaces	r 1 weno.	[p41

FIGURE 2D - 2 SAMPLE DRAINAGE DESCRIPTION SHEET*

* Rev. 1/07