



Total Drain Cleaning
 PO BOX 1356
 Green Valley NSW 2168
 www.totaldraincleaning.com.au
 Tel: 02 9620 1981 Fax: 02 9620 1987
 nickmessina@totaldraincleaning.com.au

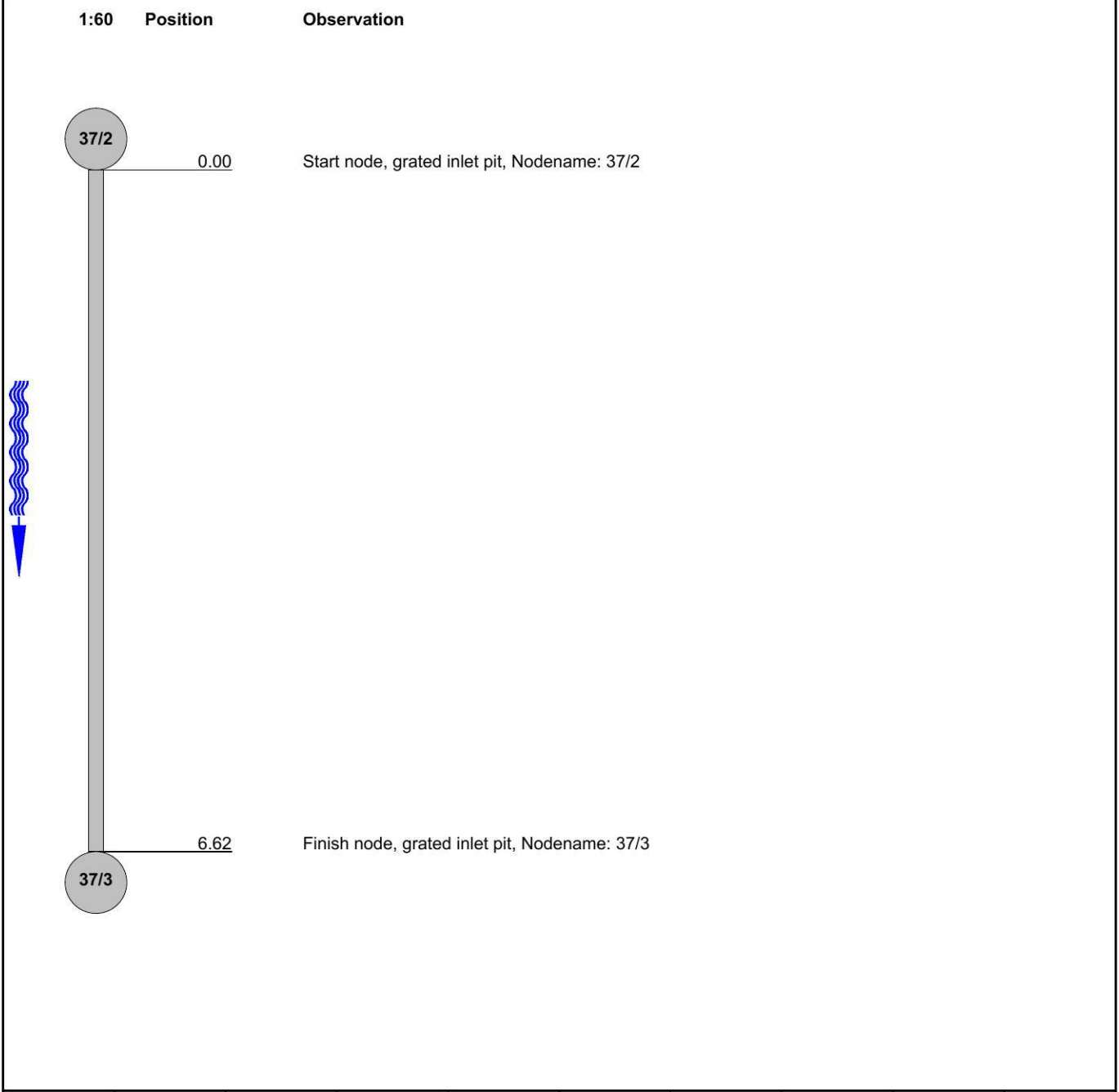
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 2	Pipe Asset Id: 37/2 to 37/3
Time of inspection: 07:35:32	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 5 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 37/2 Survey Dir: downstream DS MH: 37/3 Inspect Lenght : 6.62 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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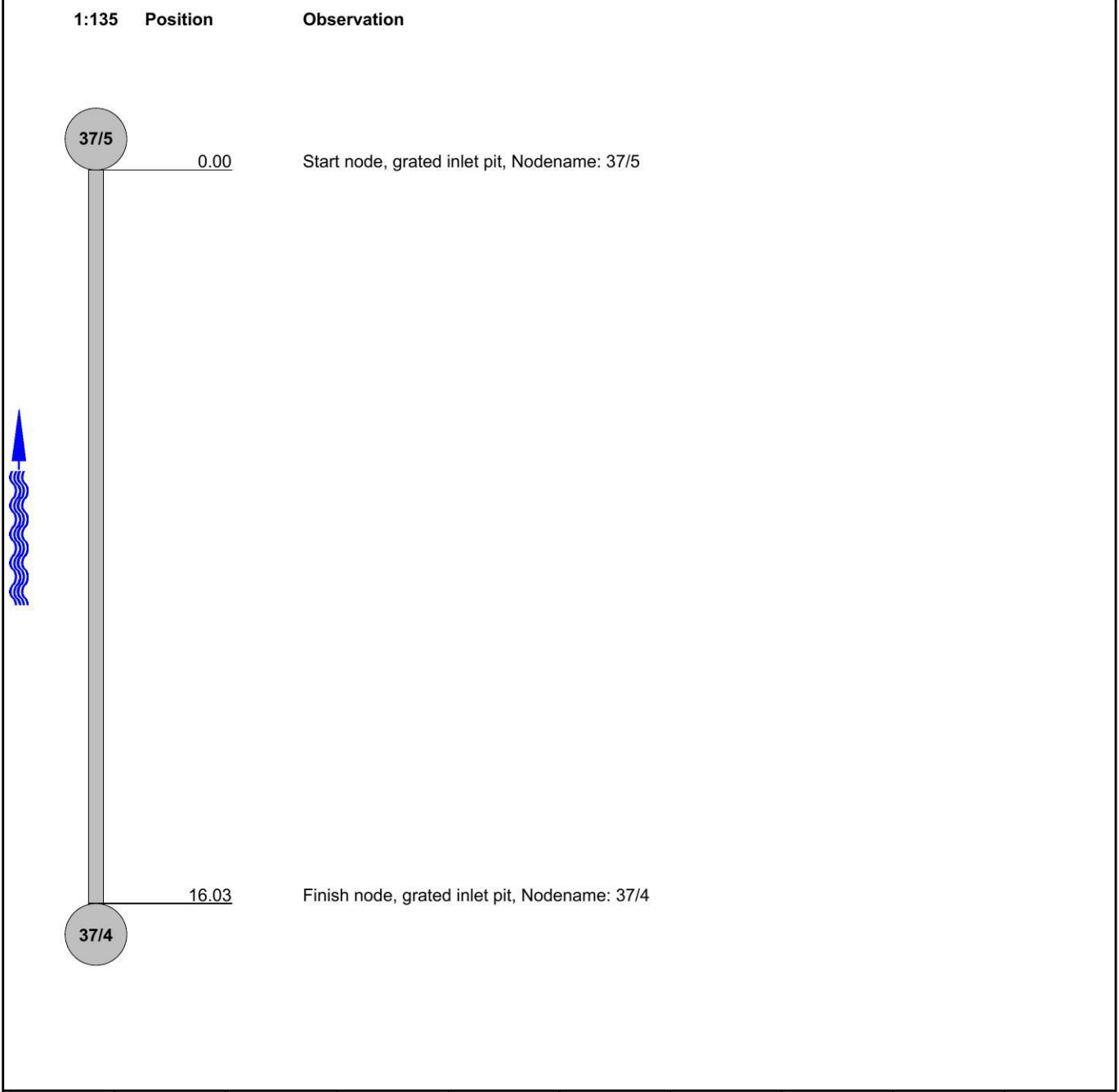
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 3	Pipe Asset Id: 37/5 to 37/4
Time of inspection: 07:57:00	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 5 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 37/4 Survey Dir: upstream DS MH: 37/5 Inspect Length : 16.03 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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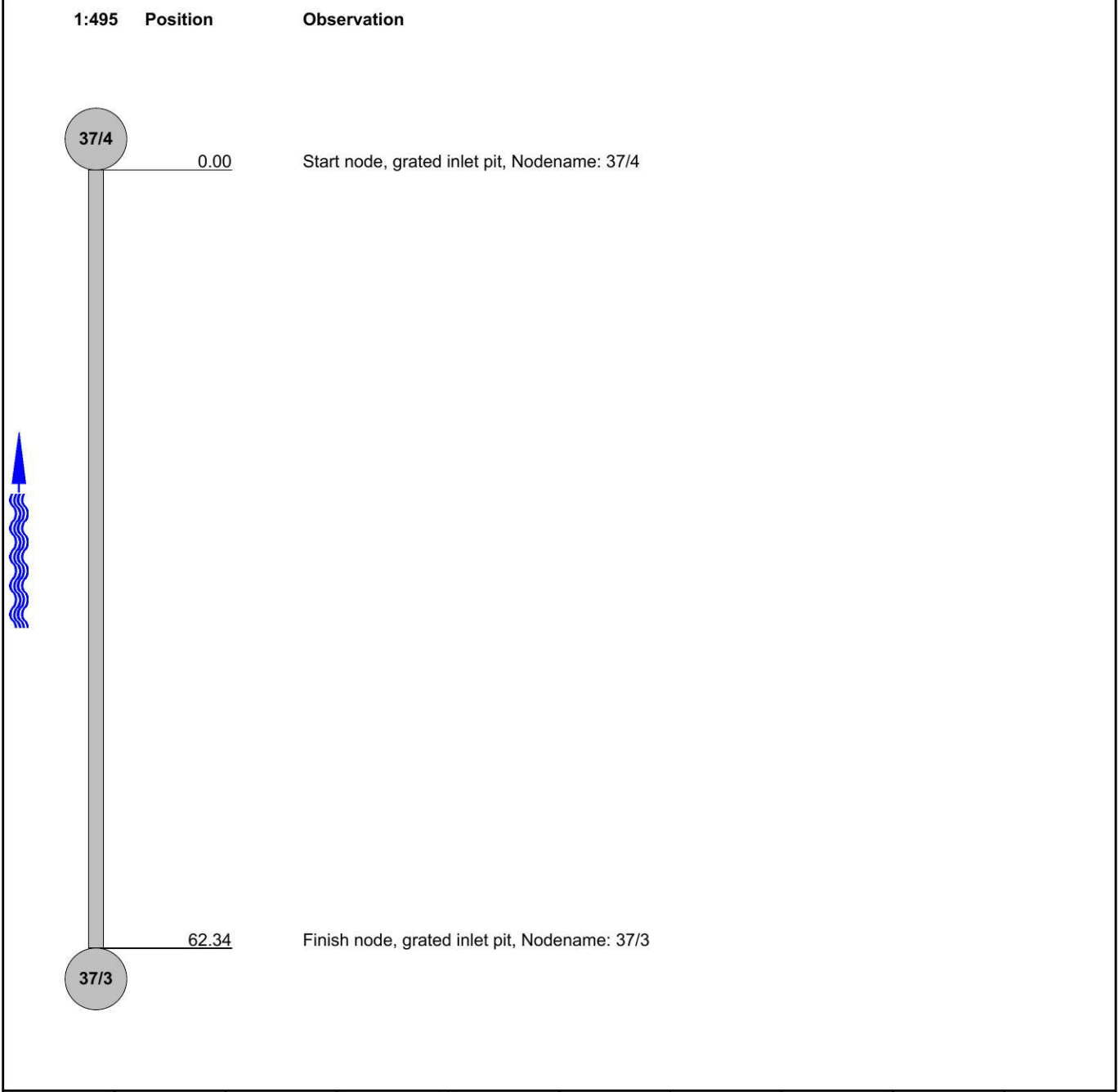
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 4	Pipe Asset Id: 37/4 to 37/3
Time of inspection: 08:01:38	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 5 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 37/3 Survey Dir: upstream DS MH: 37/4 Inspect Length : 62.34 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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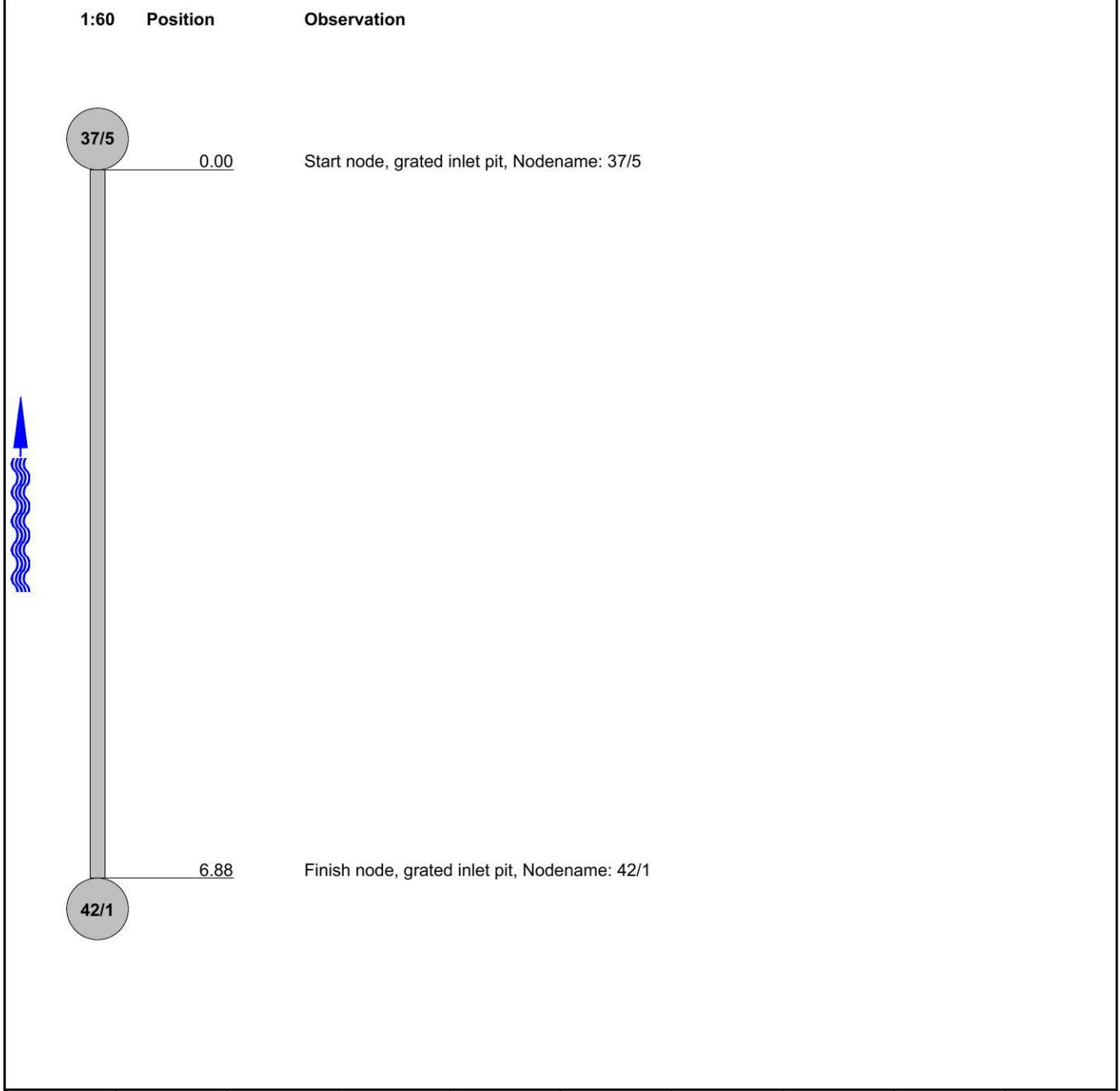
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 5	Pipe Asset Id: 37/5 to 42/1
Time of inspection: 08:11:53	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 5 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 42/1 Survey Dir: upstream DS MH: 37/5 Inspect Lenght : 6.88 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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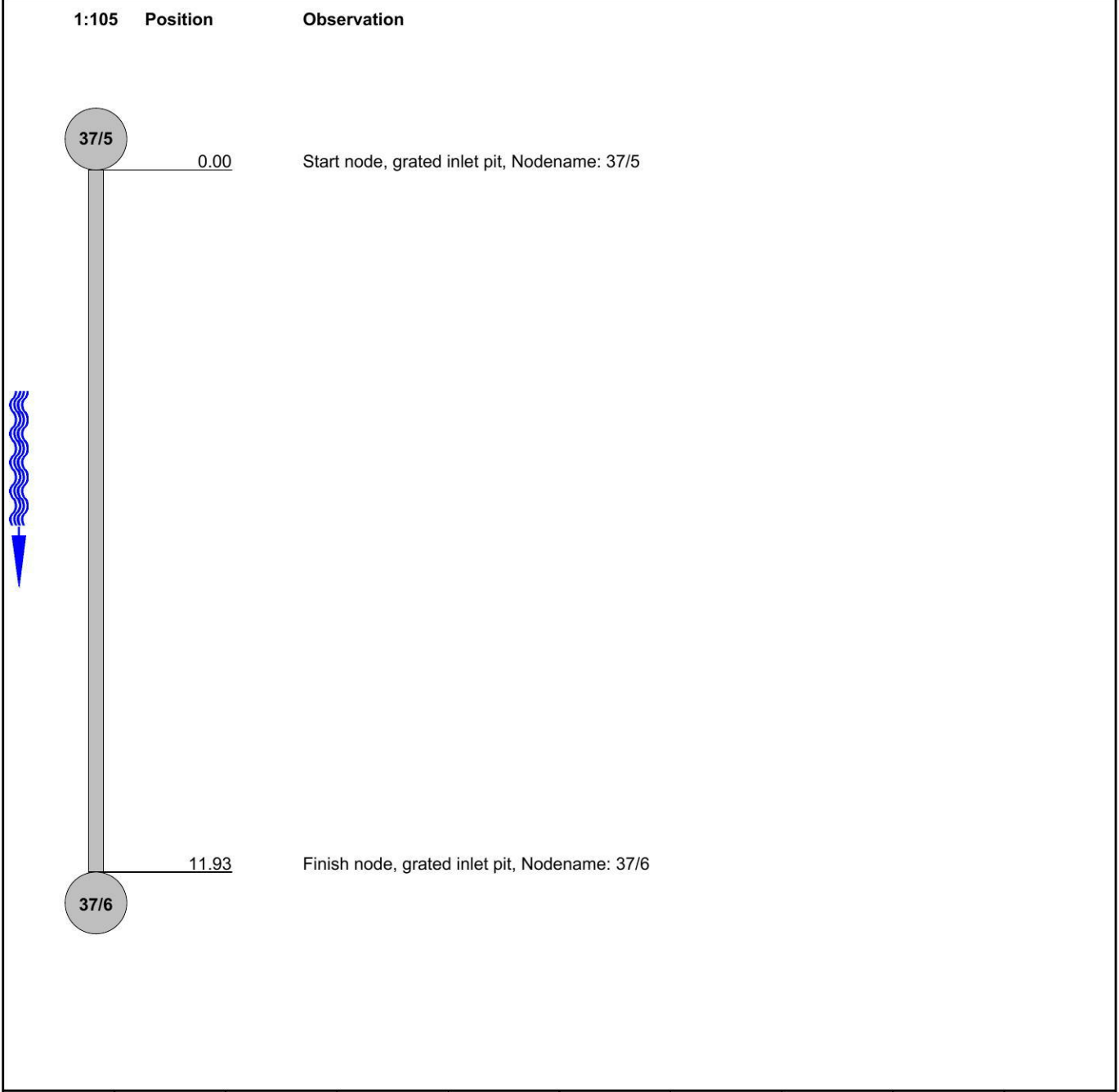
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 6	Pipe Asset Id: 37/5 to 37/6
Time of inspection: 08:14:05	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 37/5 Survey Dir: downstream DS MH: 37/6 Inspect Lenght : 11.93 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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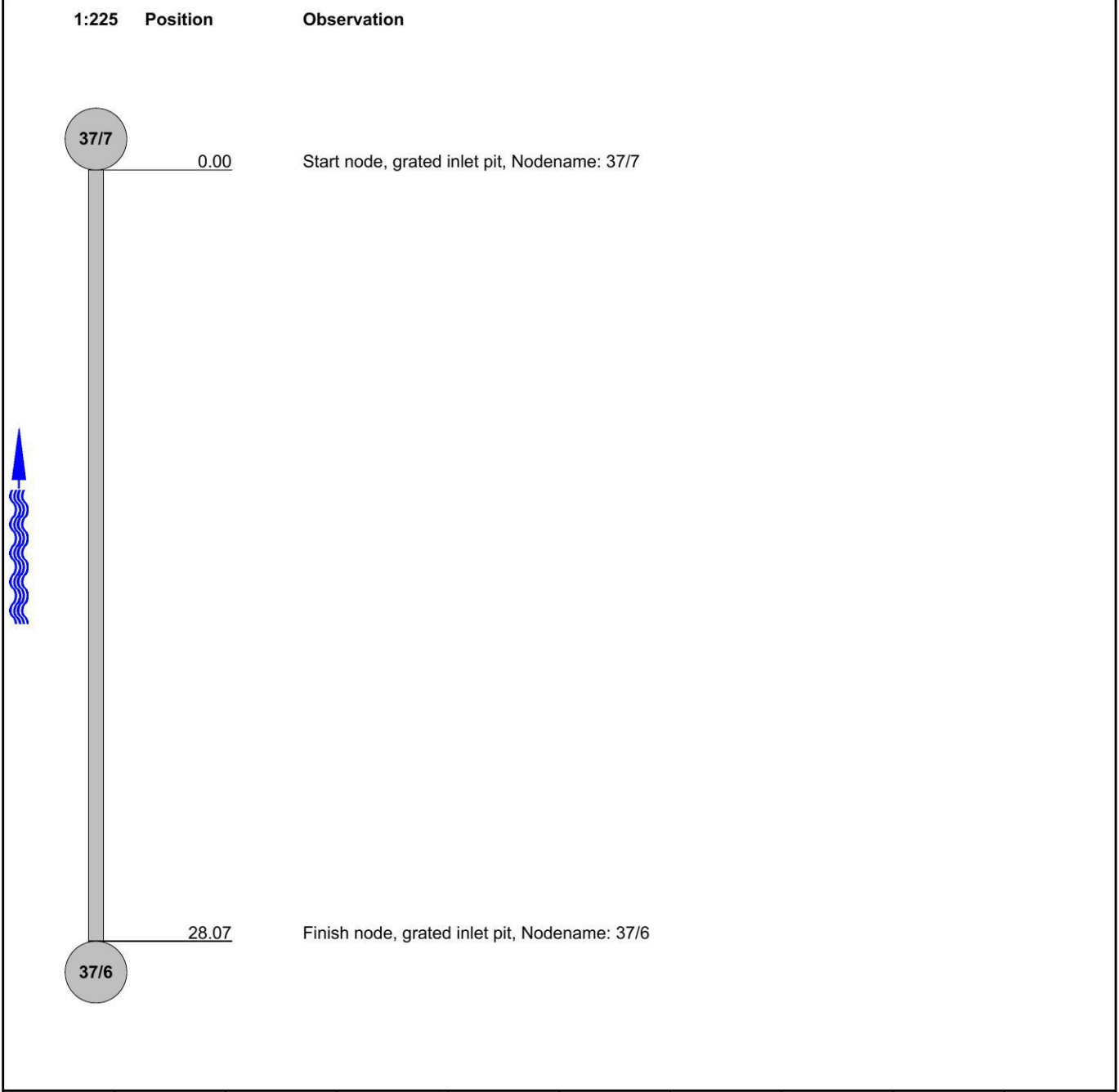
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 7	Pipe Asset Id: 37/7 to 37/6
Time of inspection: 08:16:08	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 37/6 Survey Dir: upstream DS MH: 37/7 Inspect Lenght : 28.07 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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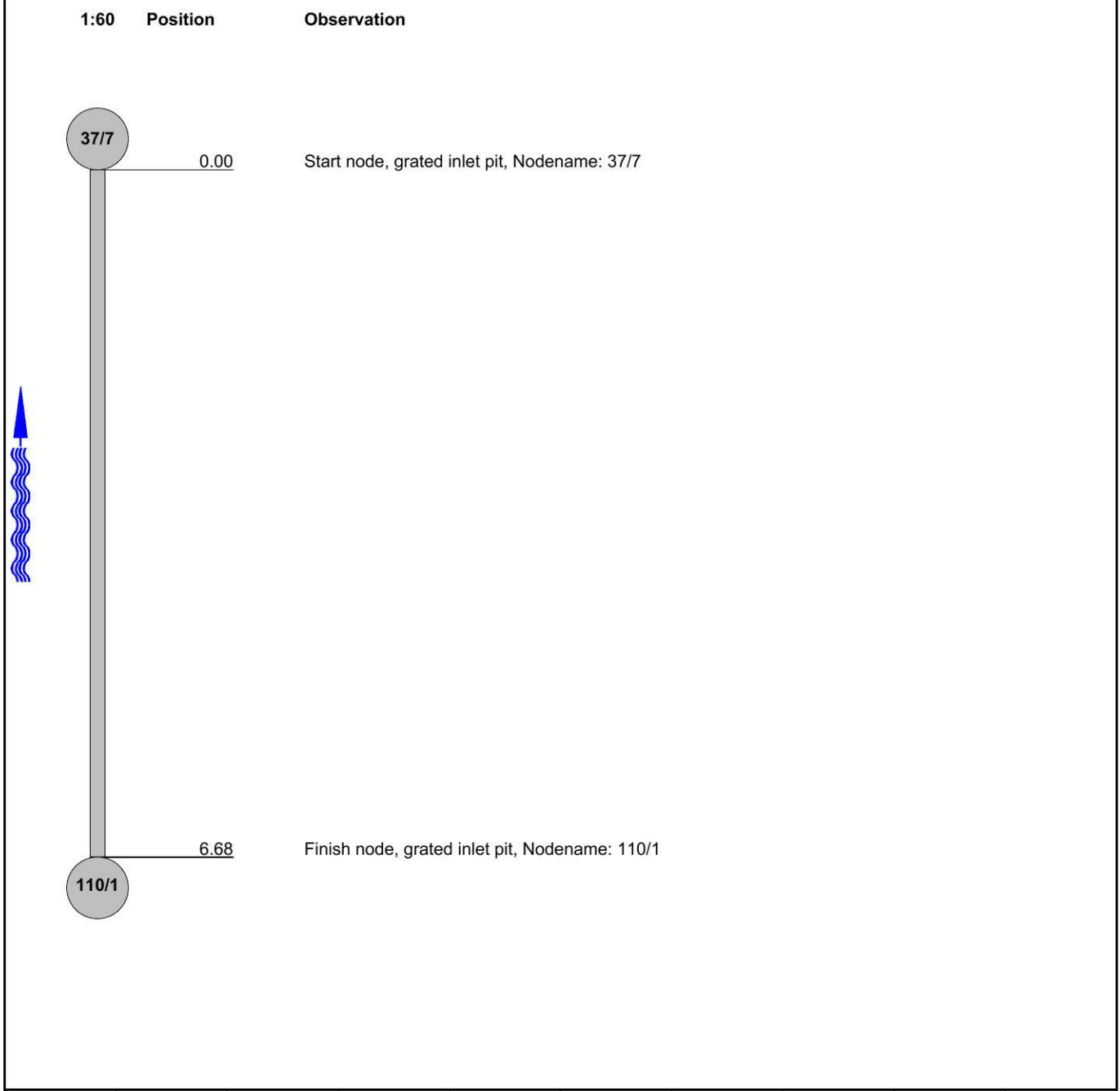
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 8	Pipe Asset Id: 37/7 to 110/1
Time of inspection: 08:27:15	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 110/1 Survey Dir: upstream DS MH: 37/7 Inspect Lenght : 6.68 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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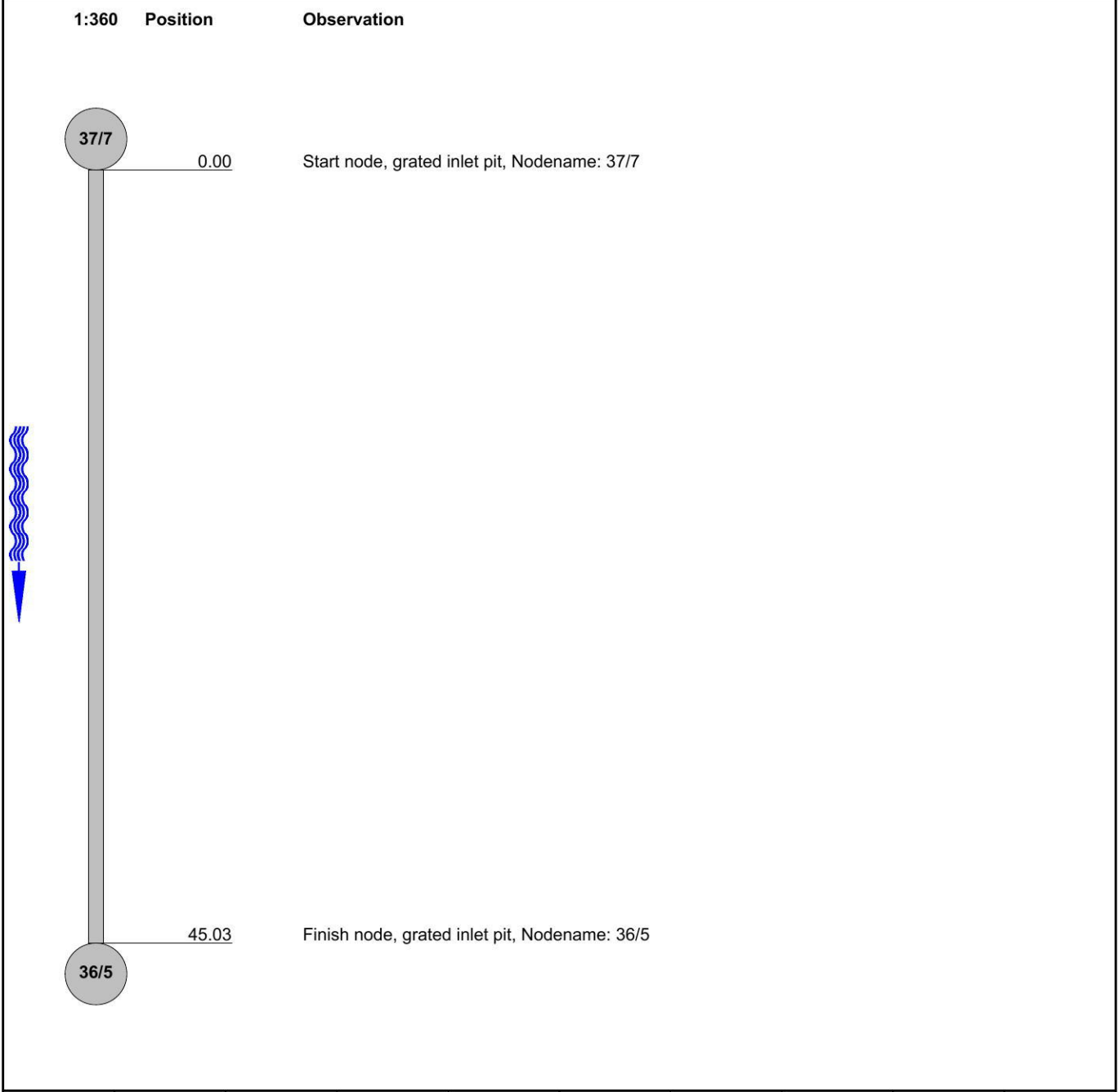
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 9	Pipe Asset Id: 37/7 to 36/5
Time of inspection: 08:32:07	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 37/7 Survey Dir: downstream DS MH: 36/5 Inspect Lengt : 45.03 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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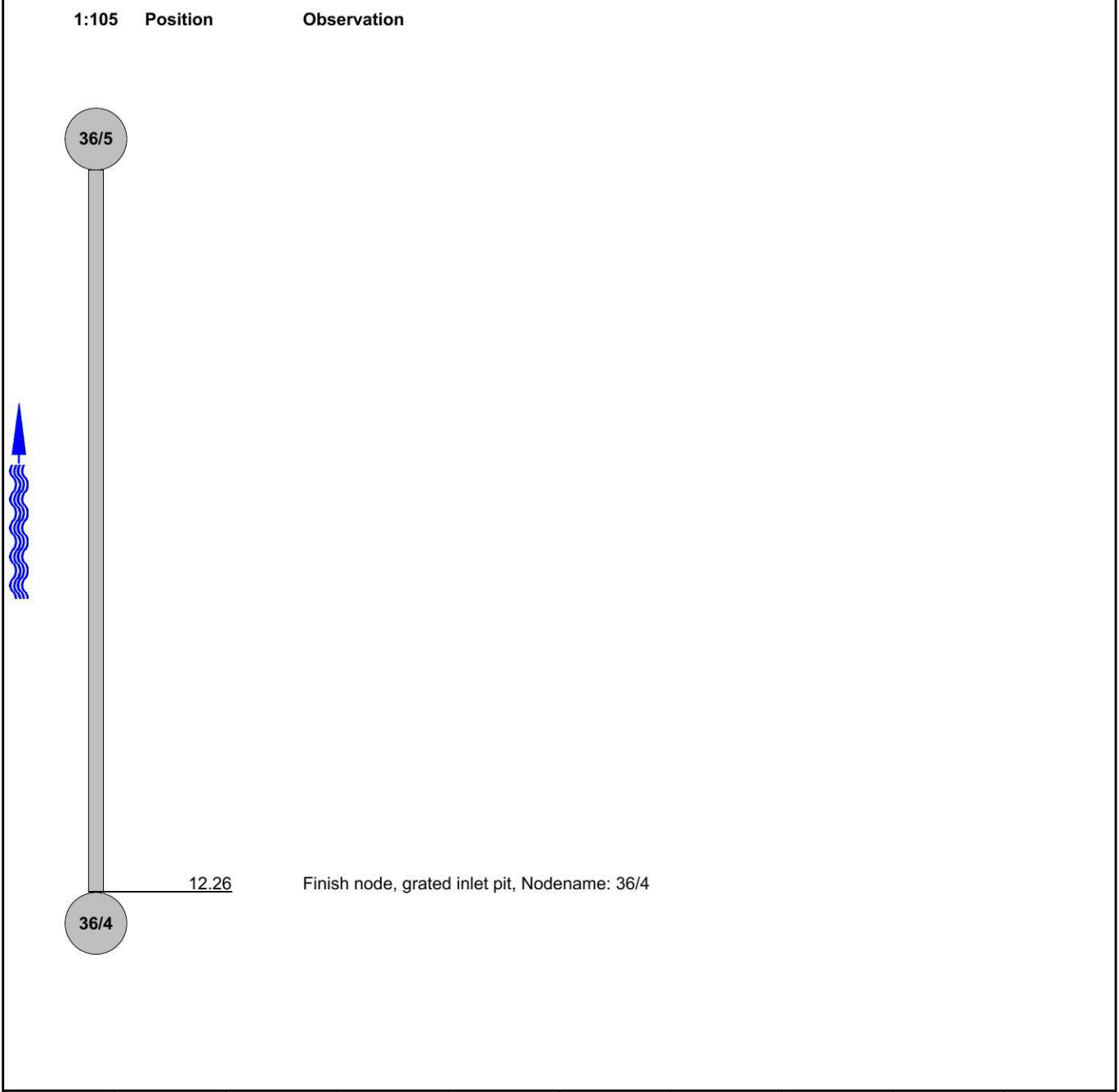
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 10	Pipe Asset Id: 36/5 to 36/4
Time of inspection: 08:43:43	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 36/4 Survey Dir: upstream DS MH: 36/5 Inspect Length : 12.27 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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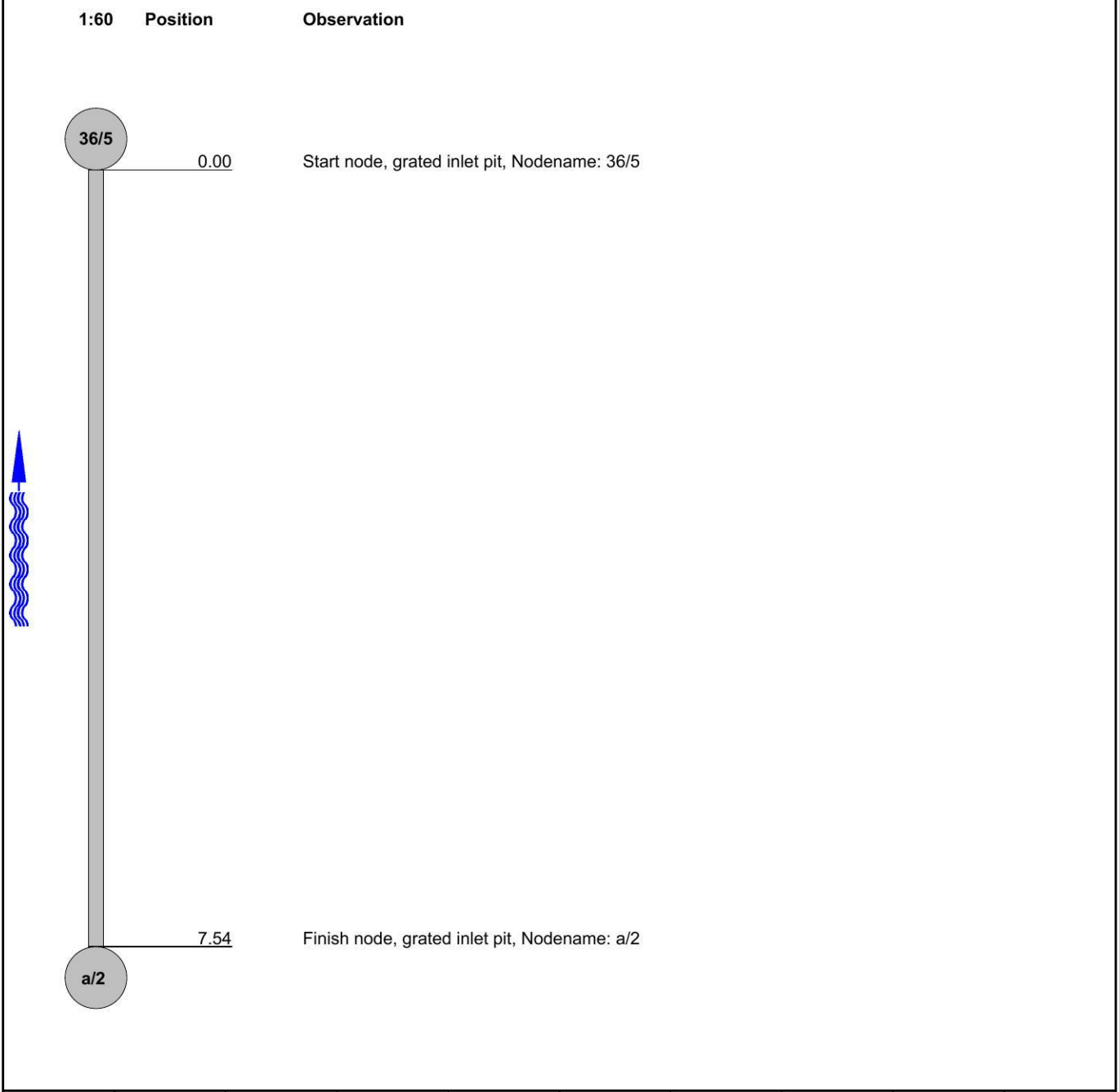
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 11	Pipe Asset Id: 36/5 to a/2
Time of inspection: 08:54:26	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: a/2 Survey Dir: upstream DS MH: 36/5 Inspect Length : 7.54 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Concrete pipe

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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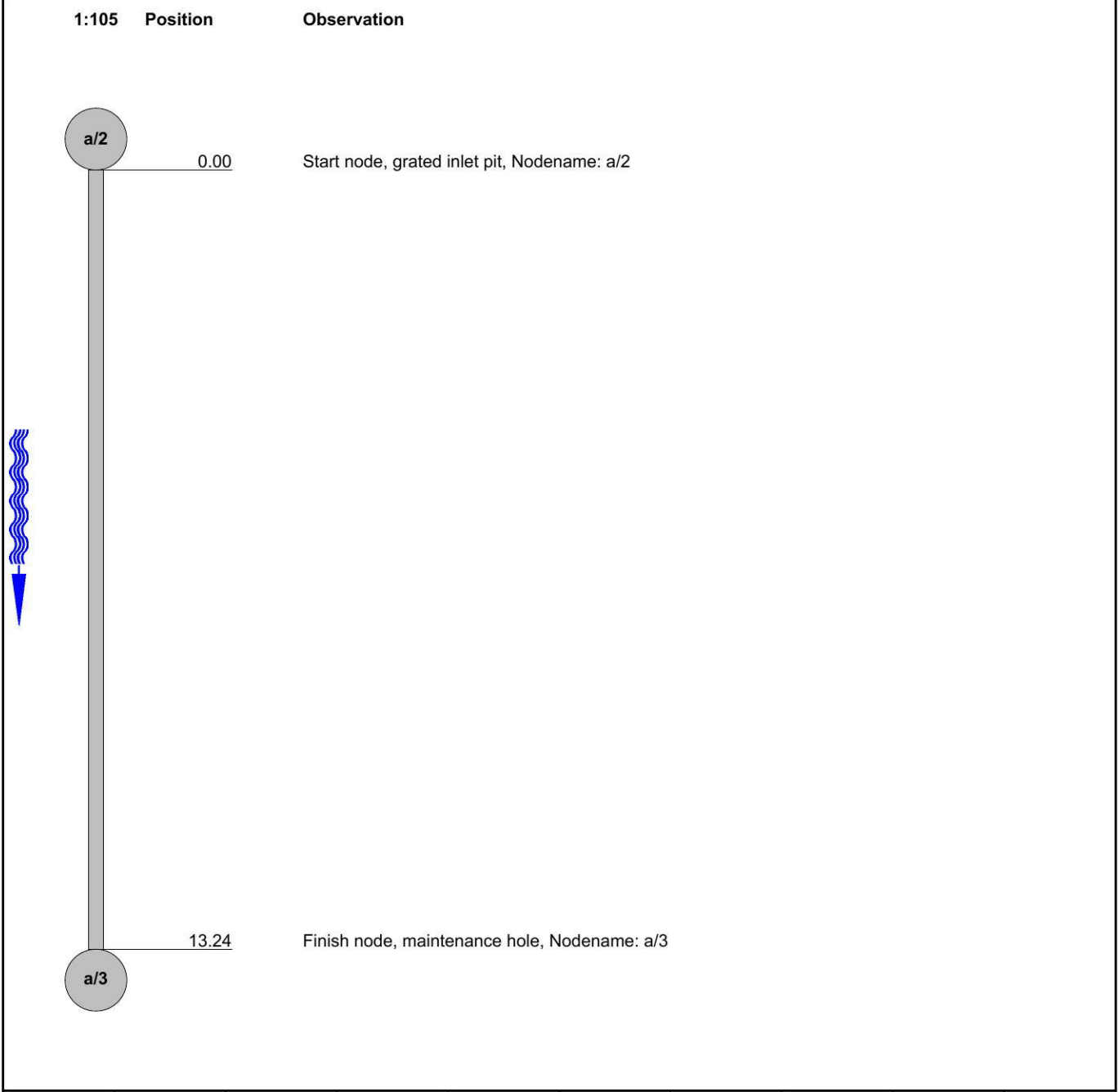
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 12	Pipe Asset Id: a/2 to a/3
Time of inspection: 08:56:19	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: a/2 Survey Dir: downstream DS MH: a/3 Inspect Length : 13.24 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Concrete pipe

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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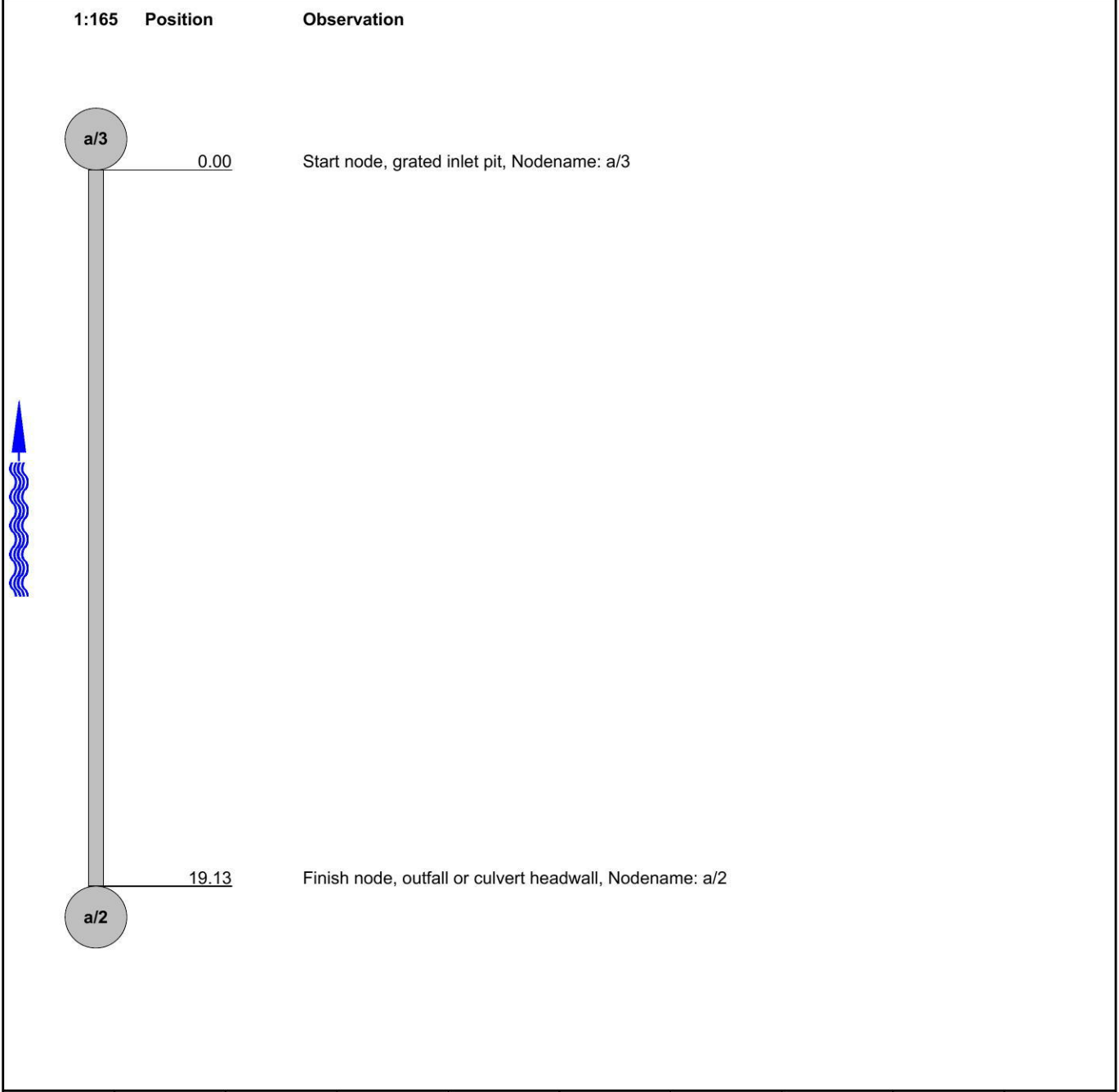
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 13	Pipe Asset Id: a/3 to a/2
Time of inspection: 09:02:33	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: a/2 Survey Dir: upstream DS MH: a/3 Inspect Length : 19.13 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Concrete pipe

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
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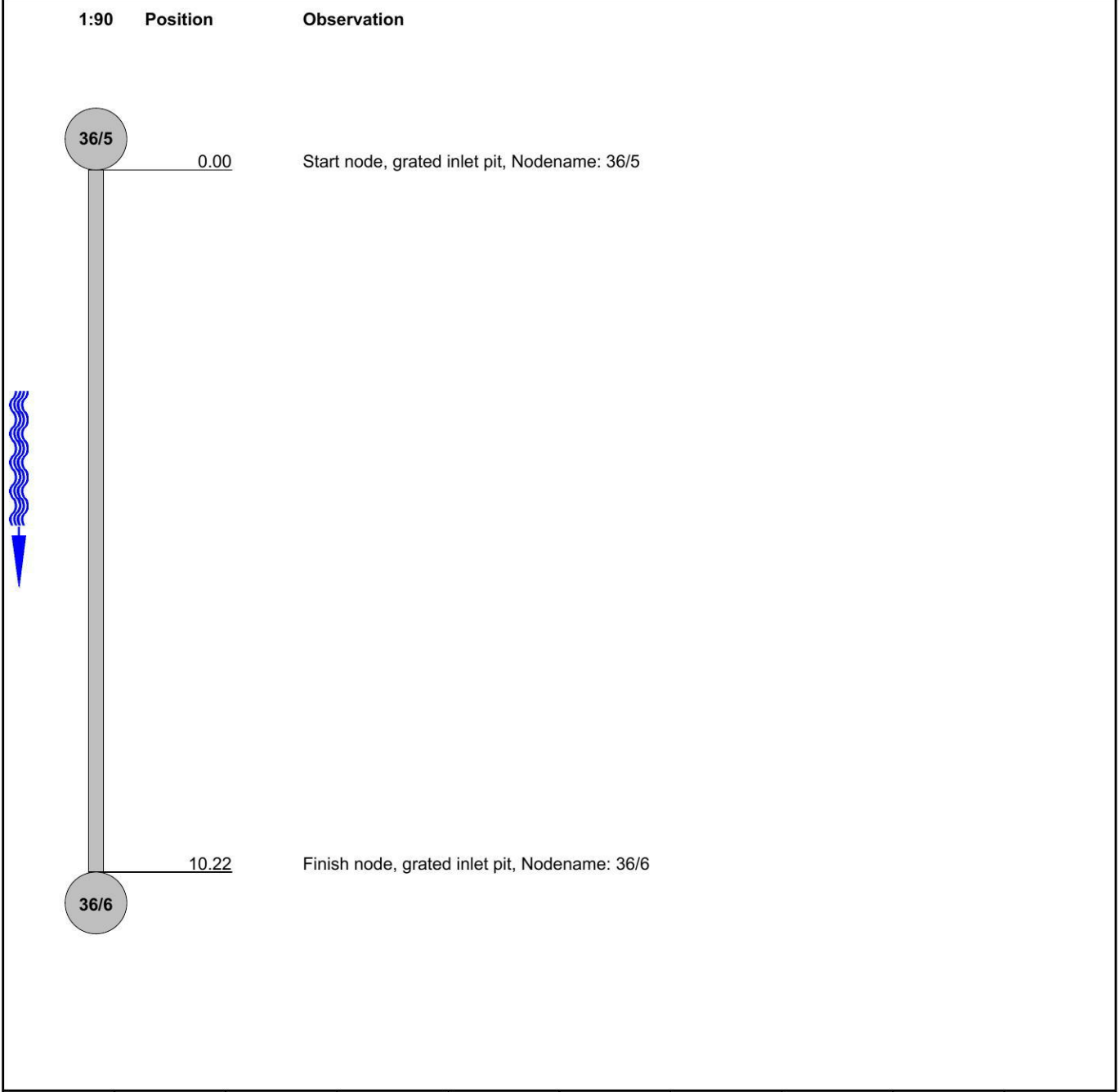
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 14	Pipe Asset Id: 36/5 to 36/6
Time of inspection: 09:09:09	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 36/5 Survey Dir: downstream DS MH: 36/6 Inspect Length : 10.22 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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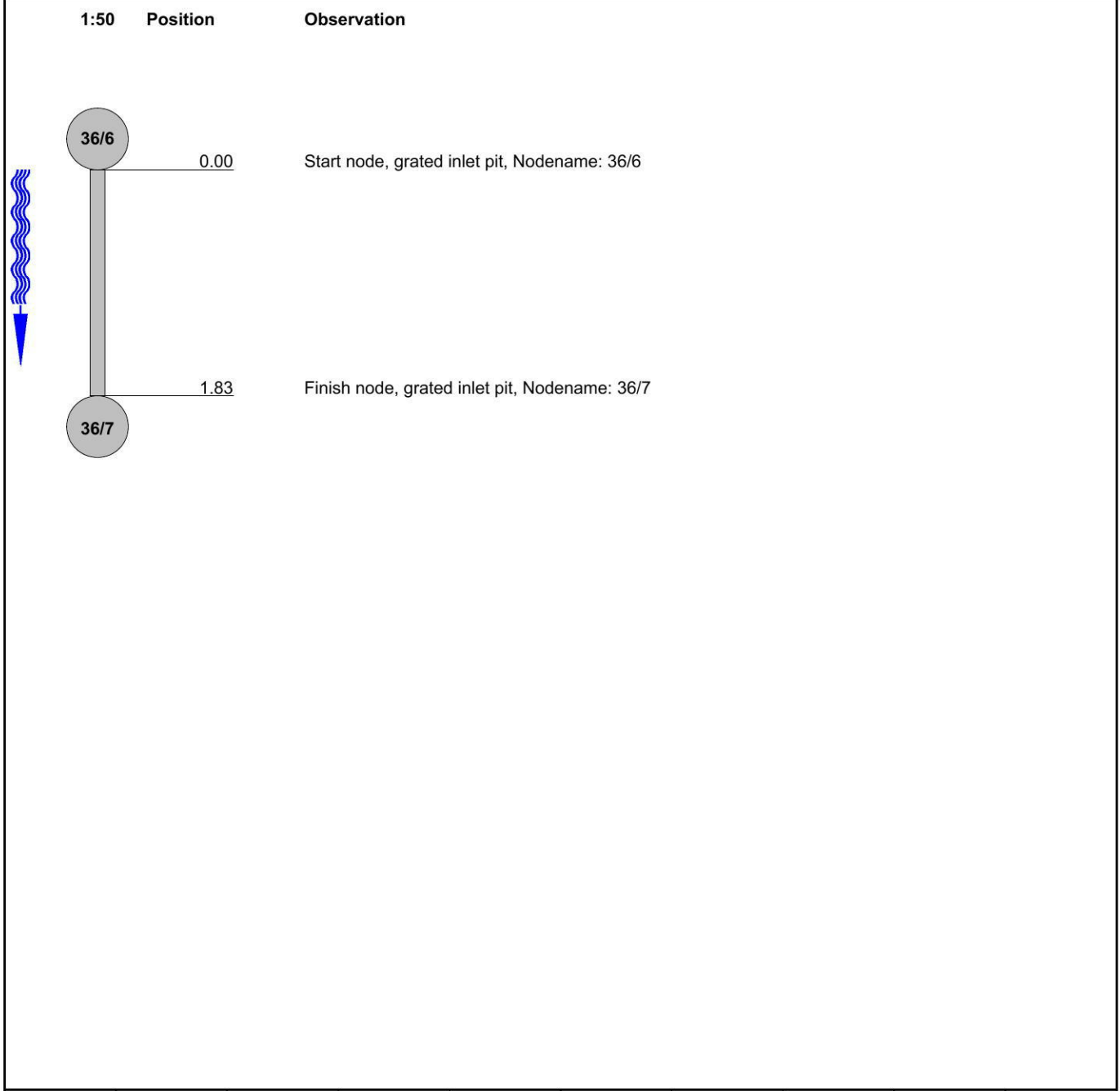
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 15	Pipe Asset Id: 36/6 to 36/7
Time of inspection: 09:10:52	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 36/6 Survey Dir: downstream DS MH: 36/7 Inspect Length : 1.83 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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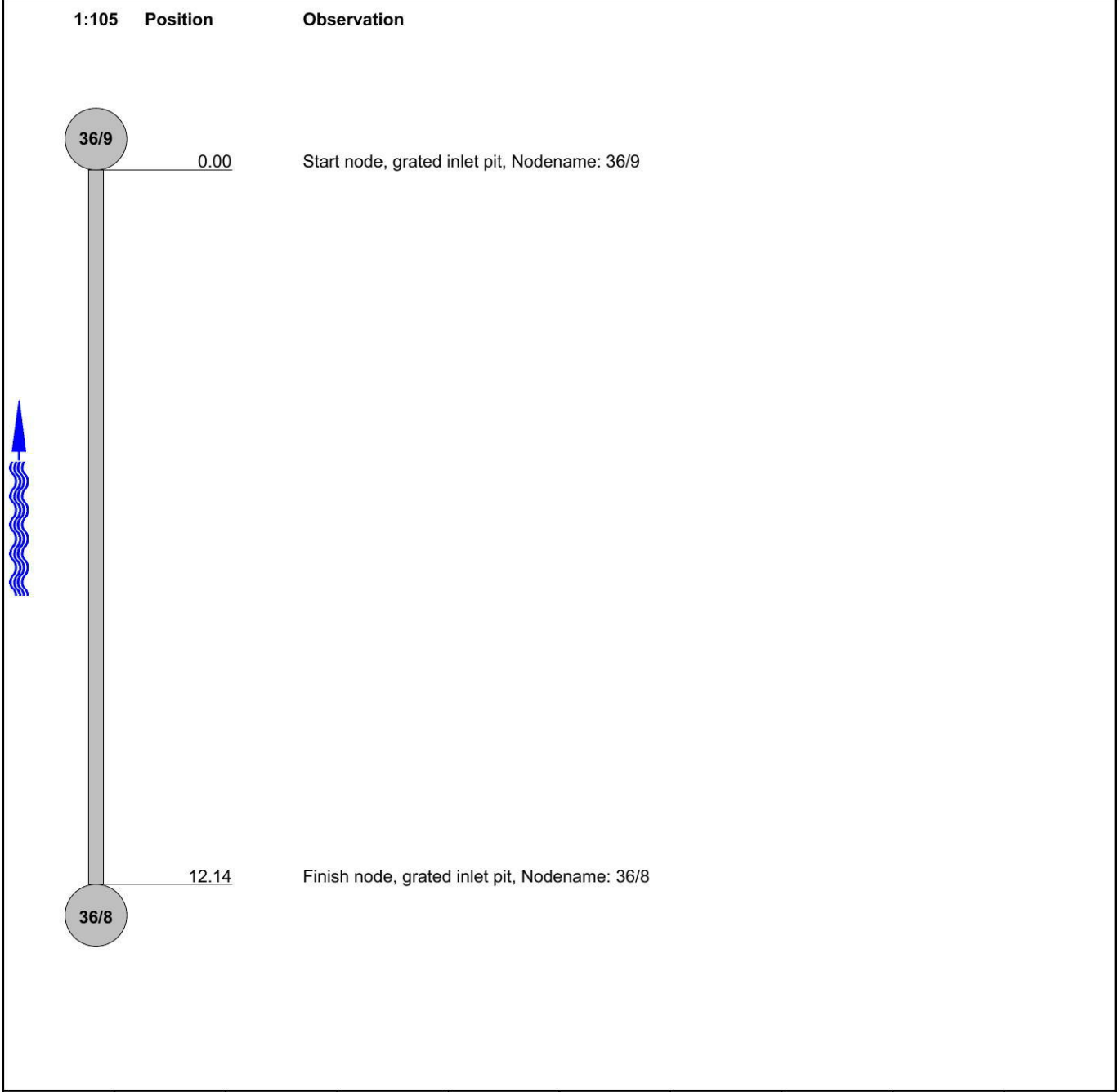
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 16	Pipe Asset Id: 36/9 to 36/8
Time of inspection: 09:32:32	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 36/8 Survey Dir: upstream DS MH: 36/9 Inspect Length : 12.14 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 17	Pipe Asset Id: 36/8 to 36/7
Time of inspection: 09:36:46	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 36.7 Survey Dir: upstream DS MH: 36/8 Inspect Length : 1.19 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :

1:50	Position	Observation
		Start node, grated inlet pit, Nodename: 36/8
		Finish node, grated inlet pit, Nodename: 36.7

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
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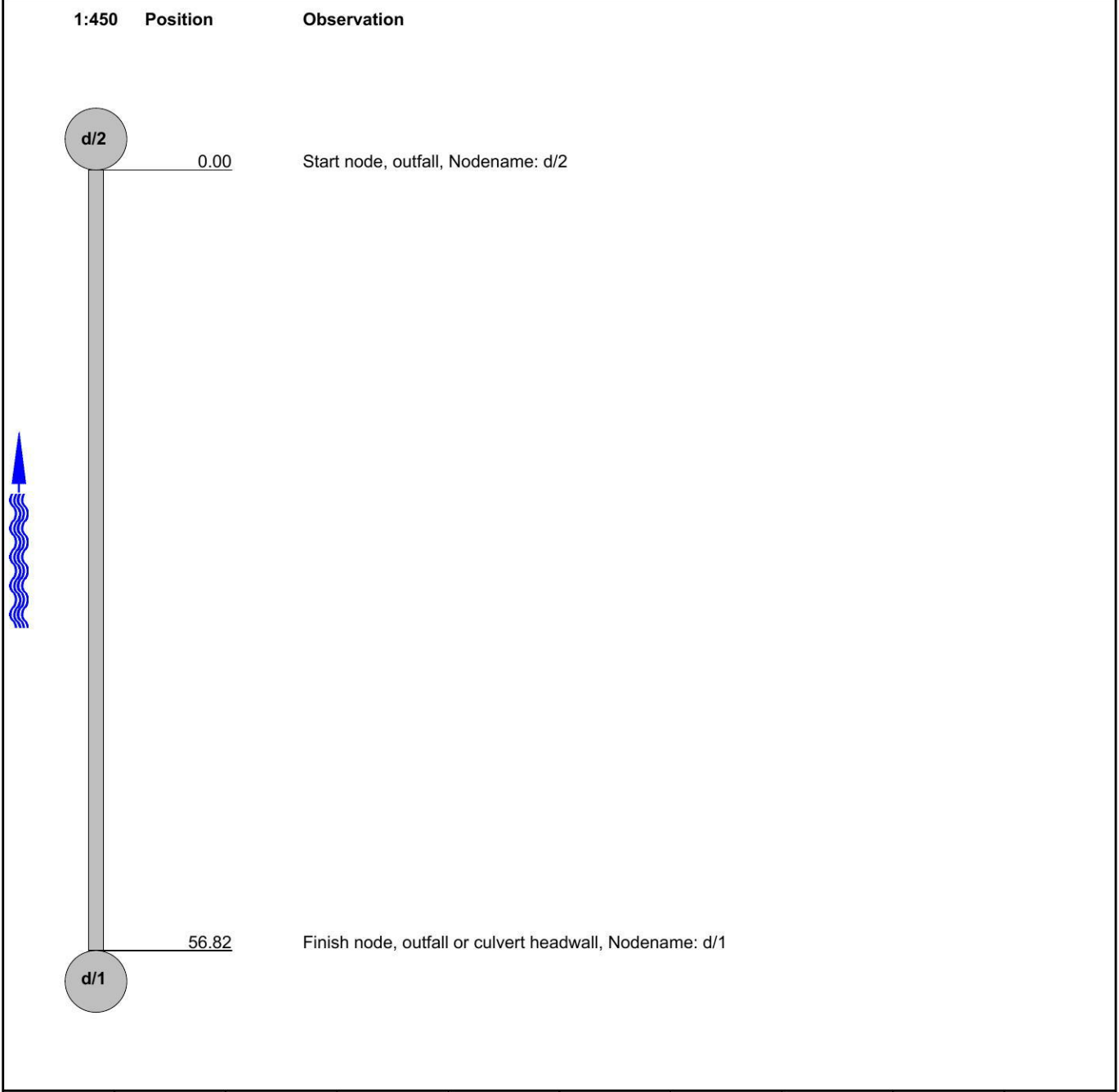
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 18	Pipe Asset Id: d/2 to d/1
Time of inspection: 09:48:42	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: d/1 Survey Dir: upstream DS MH: d/2 Inspect Length : 56.82 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



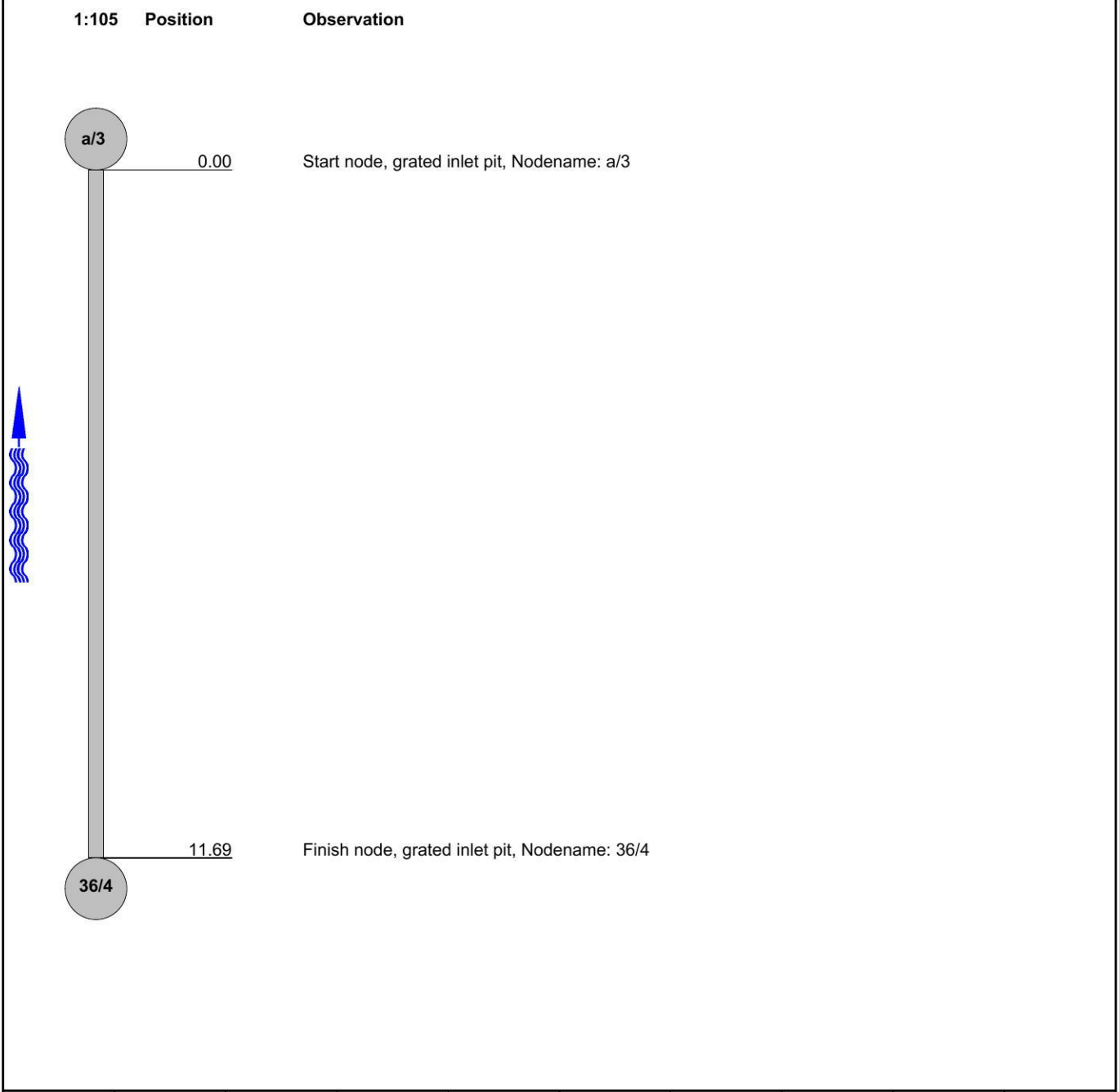
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 19	Pipe Asset Id: 36/4 to a/3
Time of inspection: 10:18:13	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 10 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 36/4 Survey Dir: upstream DS MH: a/3 Inspect Length : 11.69 m
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Purpose of inspection : New Construction Use of Conduit: Drain Type of Conduit: Storm water drain Lining Method:	Shape : Circular Dia/Height: Lining: Pipe Material: Fibre reinforced cement
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Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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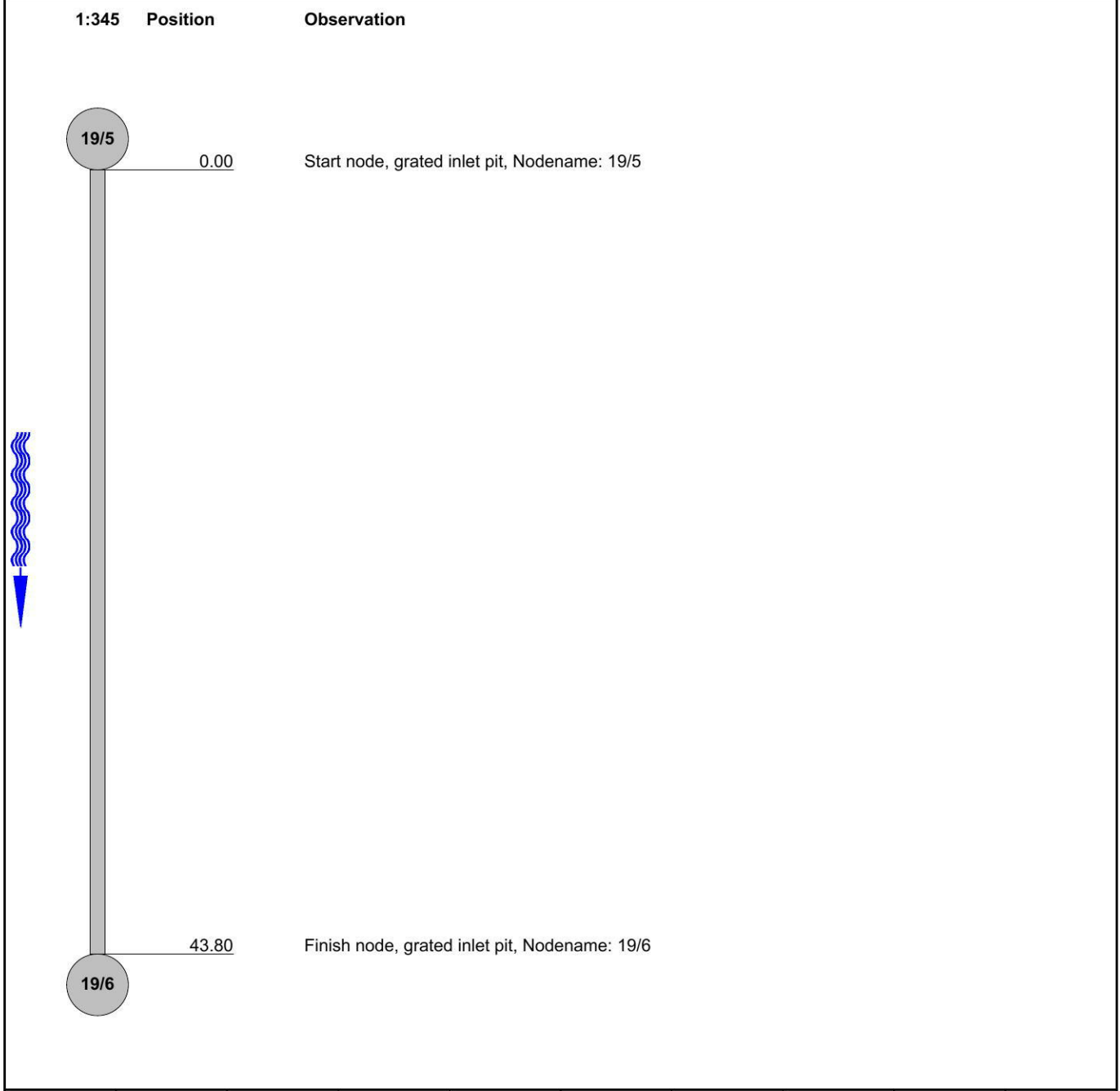
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 20	Pipe Asset Id: 19/5 to 19/6
Time of inspection: 10:32:34	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 5 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 19/5 Survey Dir: downstream DS MH: 19/6 Inspect Length : 43.80 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Concrete pipe

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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 www.totaldraincleaning.com.au
 Tel: 02 9620 1981 Fax: 02 9620 1987
 nickmessina@totaldraincleaning.com.au

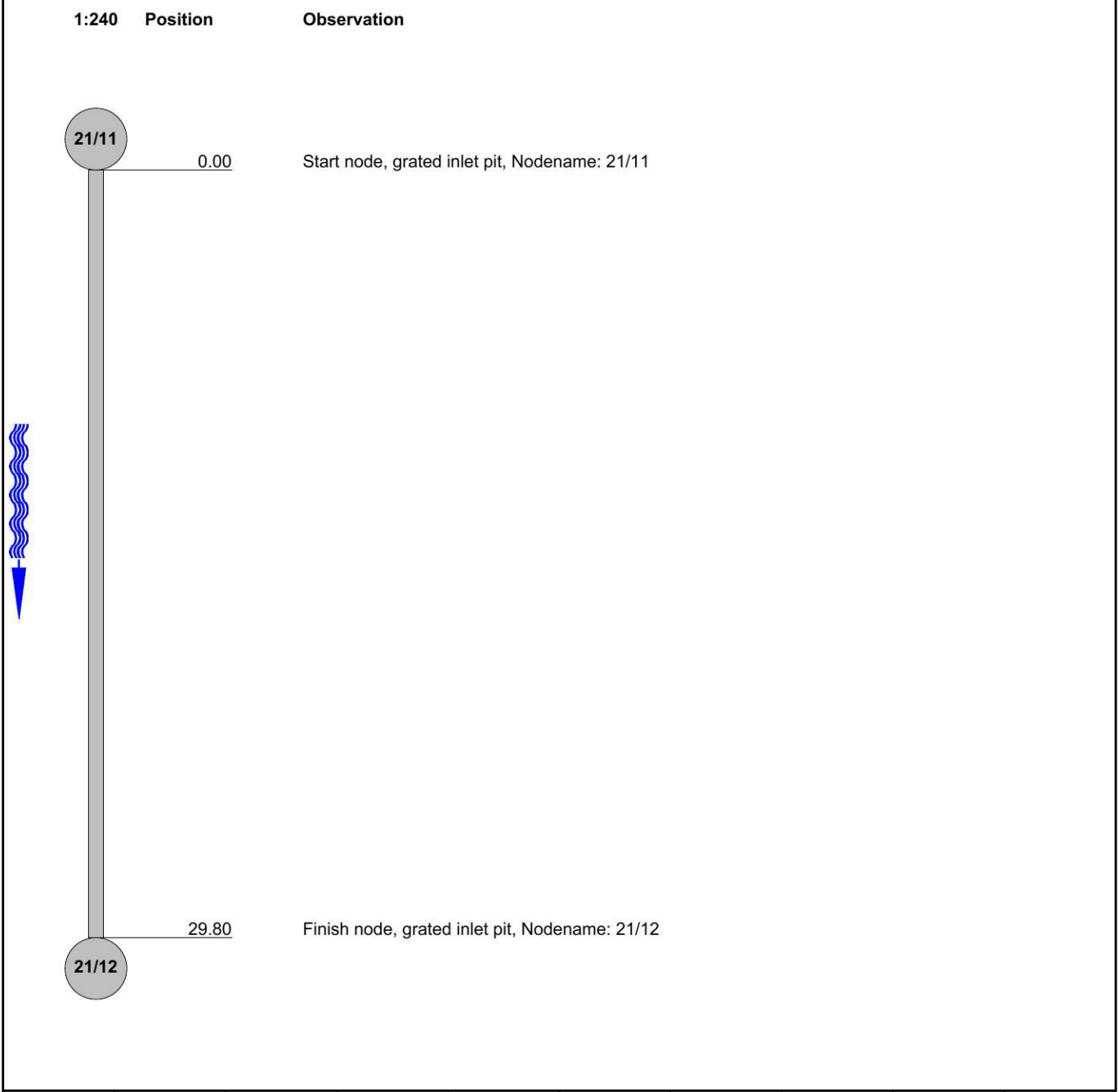
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 21	Pipe Asset Id: 21/11 to 21/12
Time of inspection: 10:52:19	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 5 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 21/11 Survey Dir: downstream DS MH: 21/12 Inspect Length : 29.80 m
---	---	--

Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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 nickmessina@totaldraincleaning.com.au

WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 22	Pipe Asset Id: 21/12 to 21/13
Time of inspection: 10:55:59	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 5 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 21/12 Survey Dir: downstream DS MH: 21/13 Inspect Lenght : 0.86 m
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Purpose of inspection : New Construction Use of Conduit: Drain Type of Conduit: Storm water drain Lining Method:	Shape : Circular Dia/Height: Lining: Pipe Material: Fibre reinforced cement
--	--

Remarks :

1:50	Position	Observation
		<p>Start node, grated inlet pit, Nodename: 21/12</p> <p>Finish node, Nodename: 21/13, GPT</p>

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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 nickmessina@totaldraincleaning.com.au

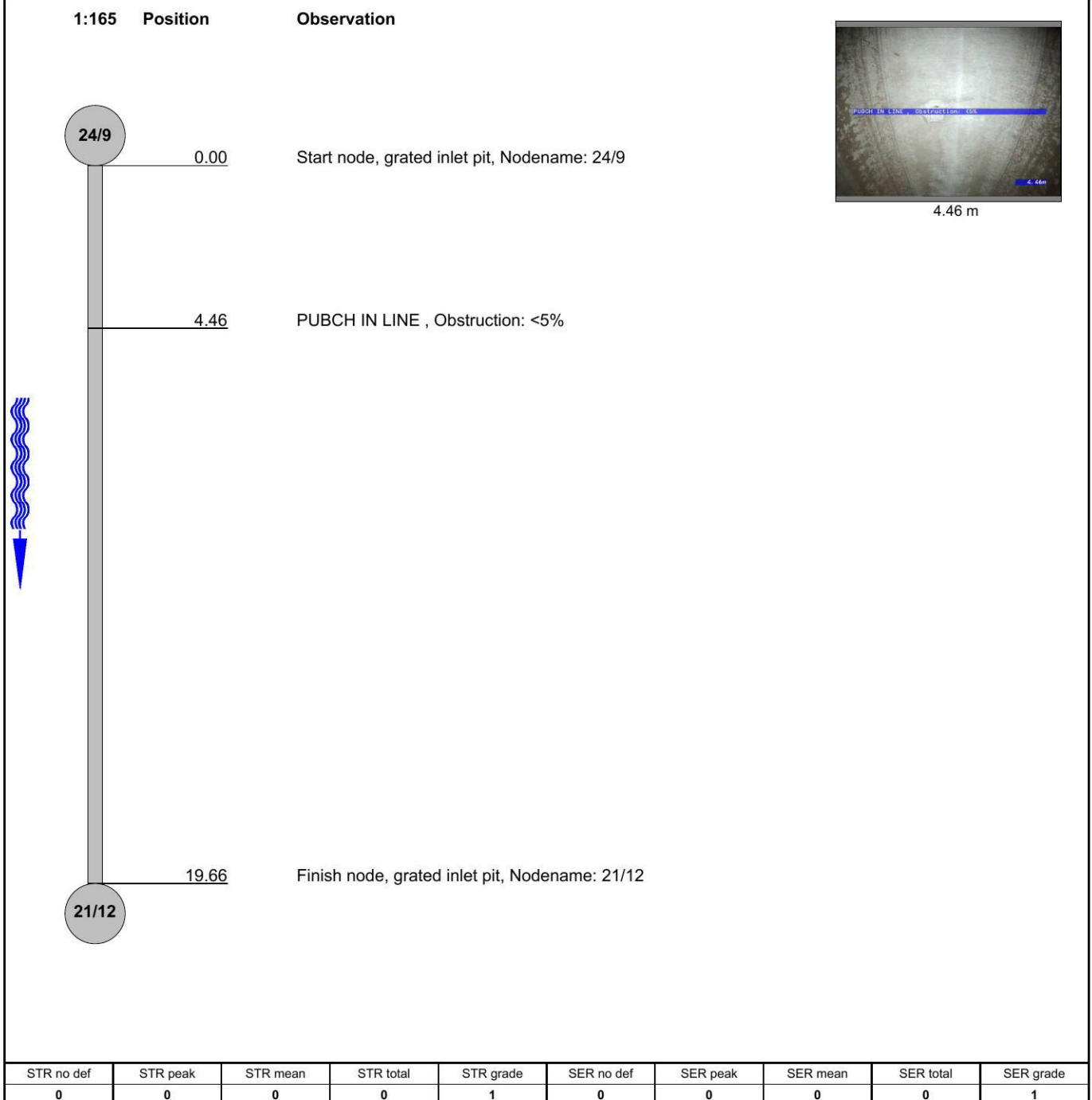
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 23	Pipe Asset Id: 24/9 TO 21/12
Time of inspection: 11:16:44	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 5 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 24/9 Survey Dir: downstream DS MH: 21/12 Inspect Length : 19.66 m
---	---	---

Purpose of inspection : New Construction Use of Conduit: Drain Type of Conduit: Storm water drain Lining Method:	Shape : Circular Dia/Height: Lining: Pipe Material: Fibre reinforced cement
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Remarks :



Inspection Pictures

Location/Street road 5	Town or suburb:	Date : 8/02/2014	Section number: 23	Sewer Ref.: 24/9 TO 21/12
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Photo: 23_1_2_08022014_111853_A.JPG
4.46m, PUBCH IN LINE , Obstruction: <5%



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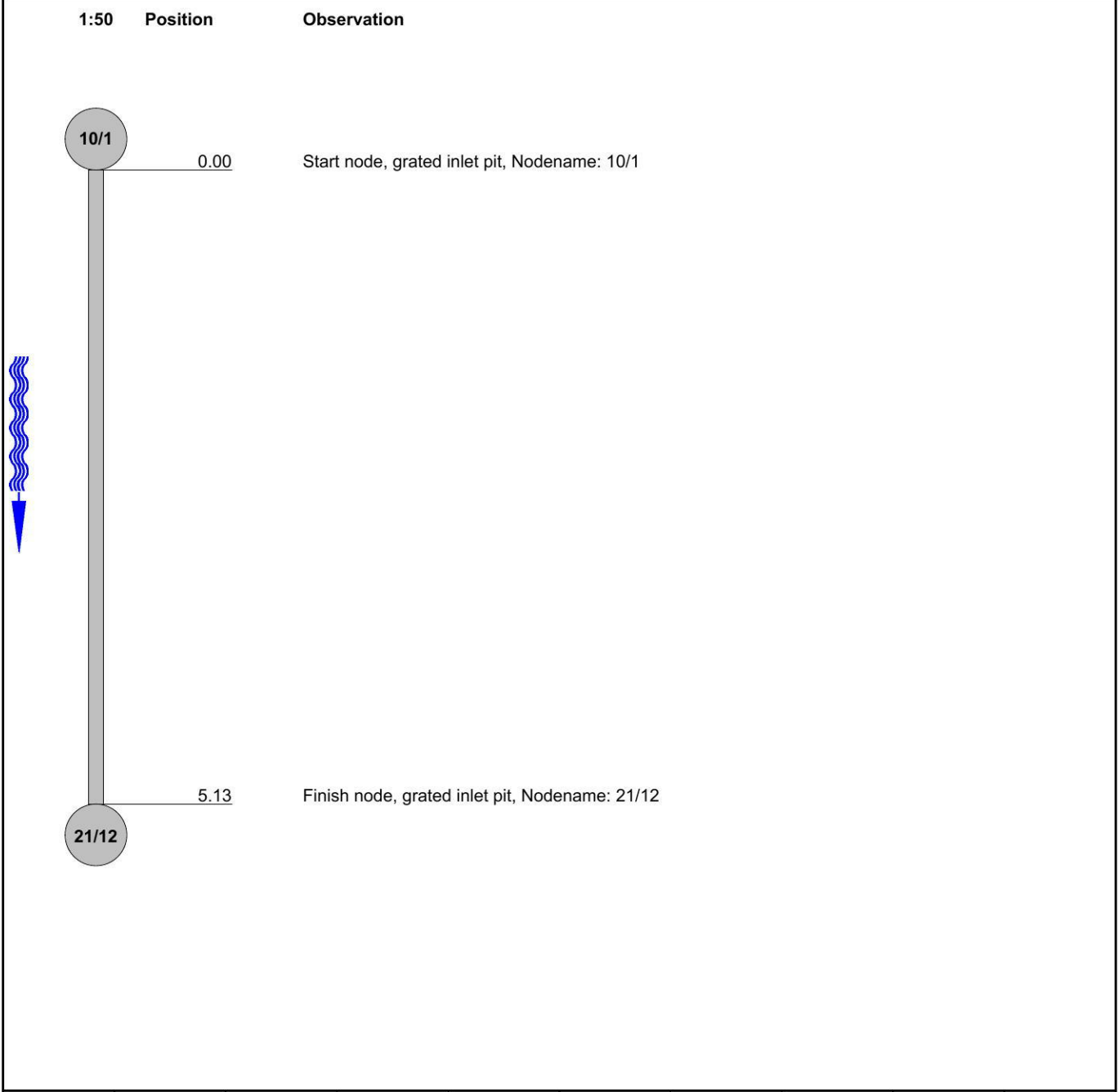
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 24	Pipe Asset Id: 10/1 TO 21/12
Time of inspection: 11:29:13	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 5 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 10/1 Survey Dir: downstream DS MH: 21/12 Inspect Length : 5.13 m
---	---	--

Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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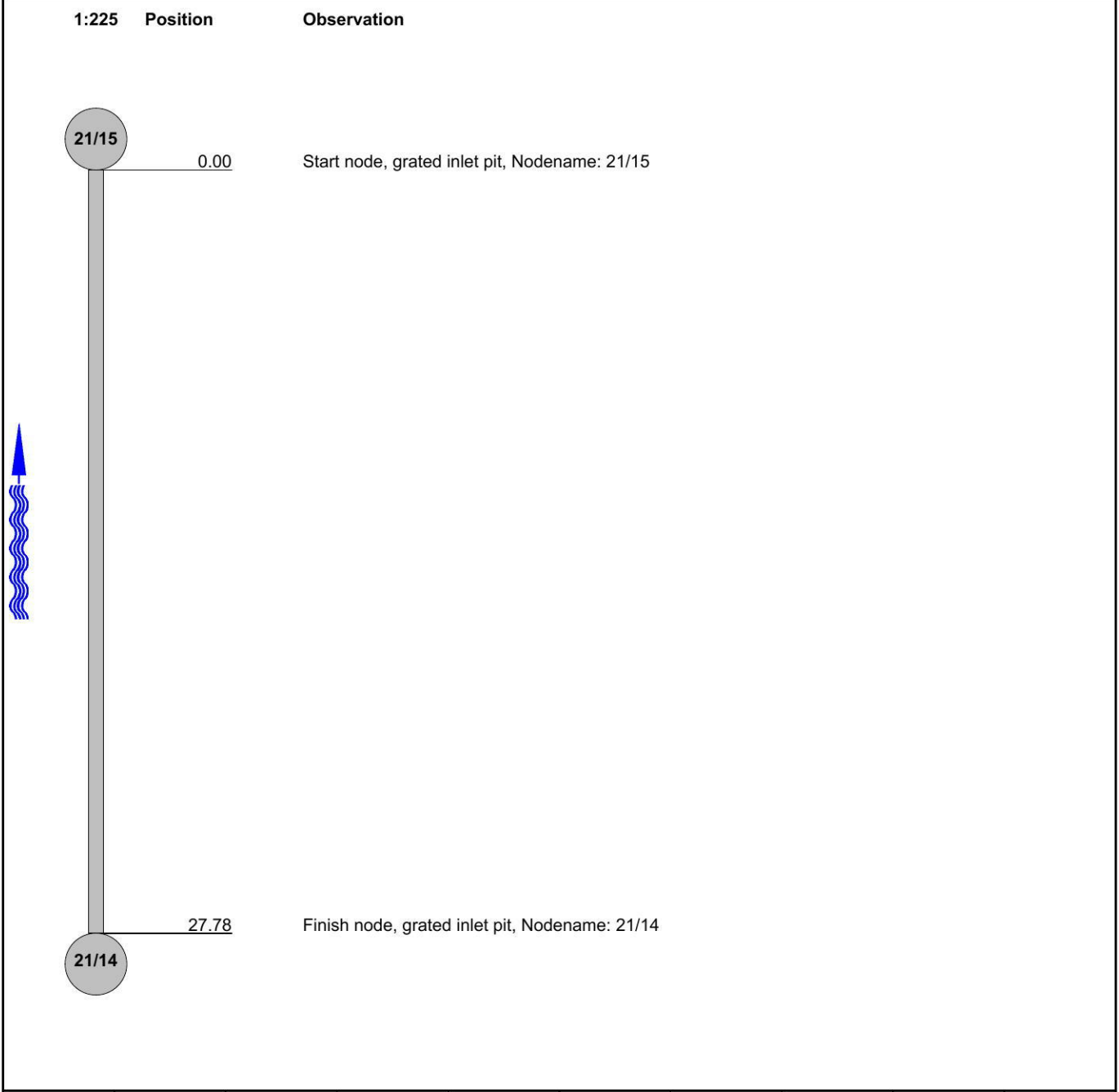
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 25	Pipe Asset Id: 21/15 TO 21/14
Time of inspection: 11:42:00	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 5 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 21/14 Survey Dir: upstream DS MH: 21/15 Inspect Length : 27.78 m
---	---	--

Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Concrete pipe

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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 PO BOX 1356
 Green Valley NSW 2168
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 Tel: 02 9620 1981 Fax: 02 9620 1987
 nickmessina@totaldraincleaning.com.au

WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 26	Pipe Asset Id: 21/14 TO 21/13
Time of inspection: 11:48:27	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 5 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 21/13 Survey Dir: upstream DS MH: 21/14 Inspect Length : 0.50 m
---	---	---

Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :

1:50	Position	Observation
		Start node, maintenance hole, Nodename: 21/14
	0.50	Finish node, Nodename: 21/13, GPT

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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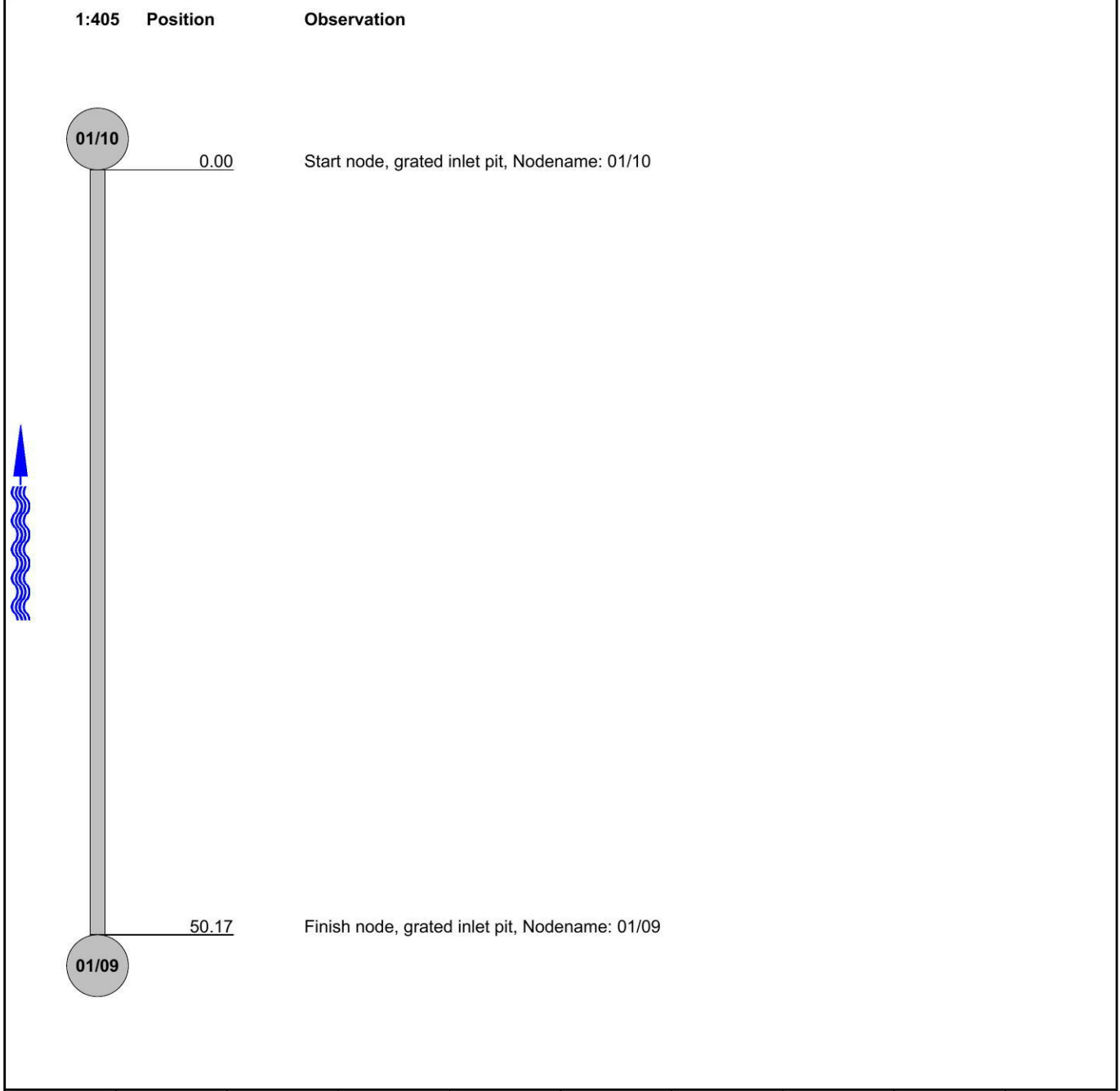
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 27	Pipe Asset Id: 01/10 TO 01/09
Time of inspection: 12:16:23	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 01/09 Survey Dir: upstream DS MH: 01/10 Inspect Length : 50.17 m
--	---	--

Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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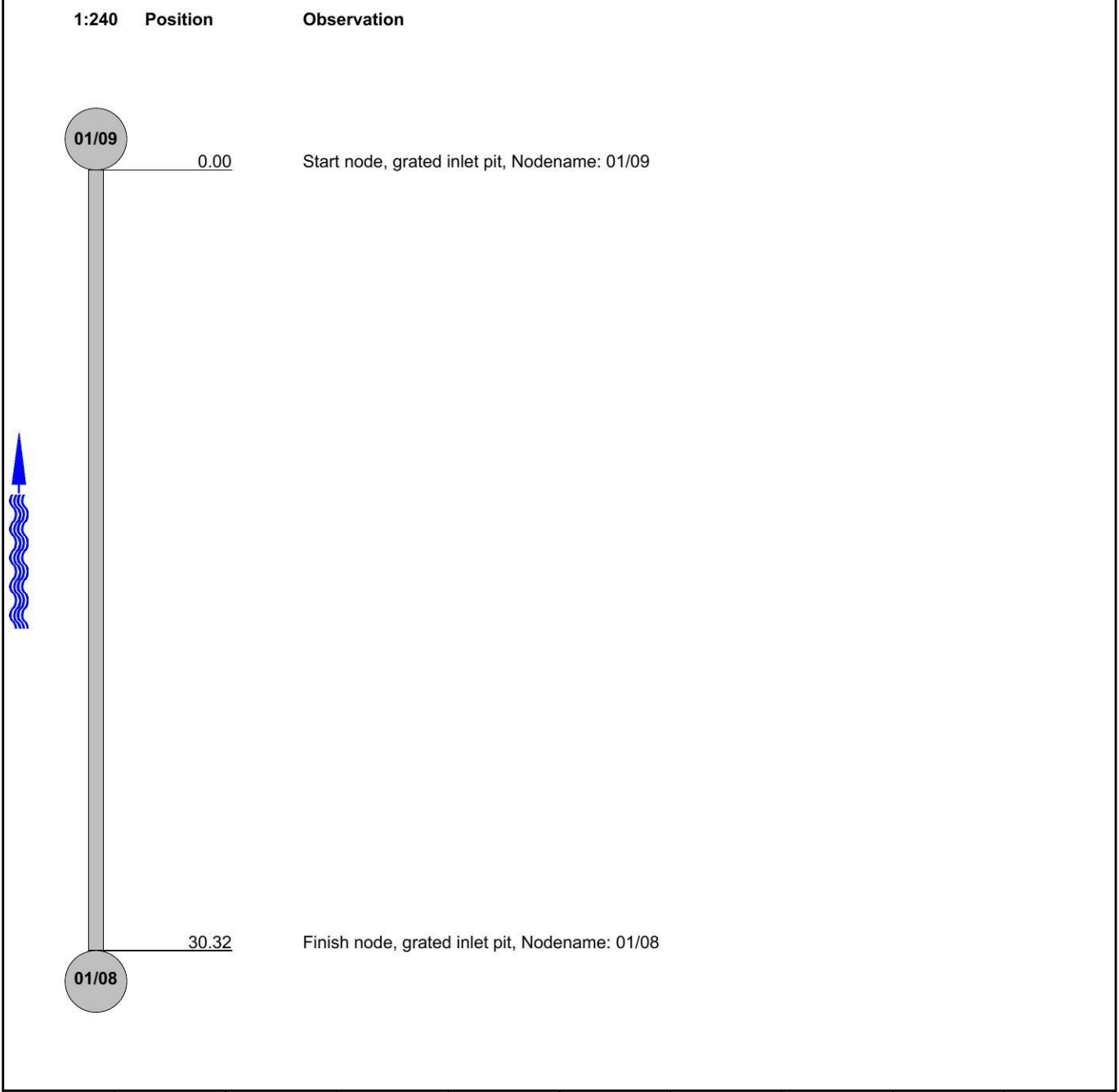
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 28	Pipe Asset Id: 01/09 TO 01/08
Time of inspection: 12:20:01	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 01/08 Survey Dir: upstream DS MH: 01/09 Inspect Length : 30.32 m
--	---	--

Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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 Tel: 02 9620 1981 Fax: 02 9620 1987
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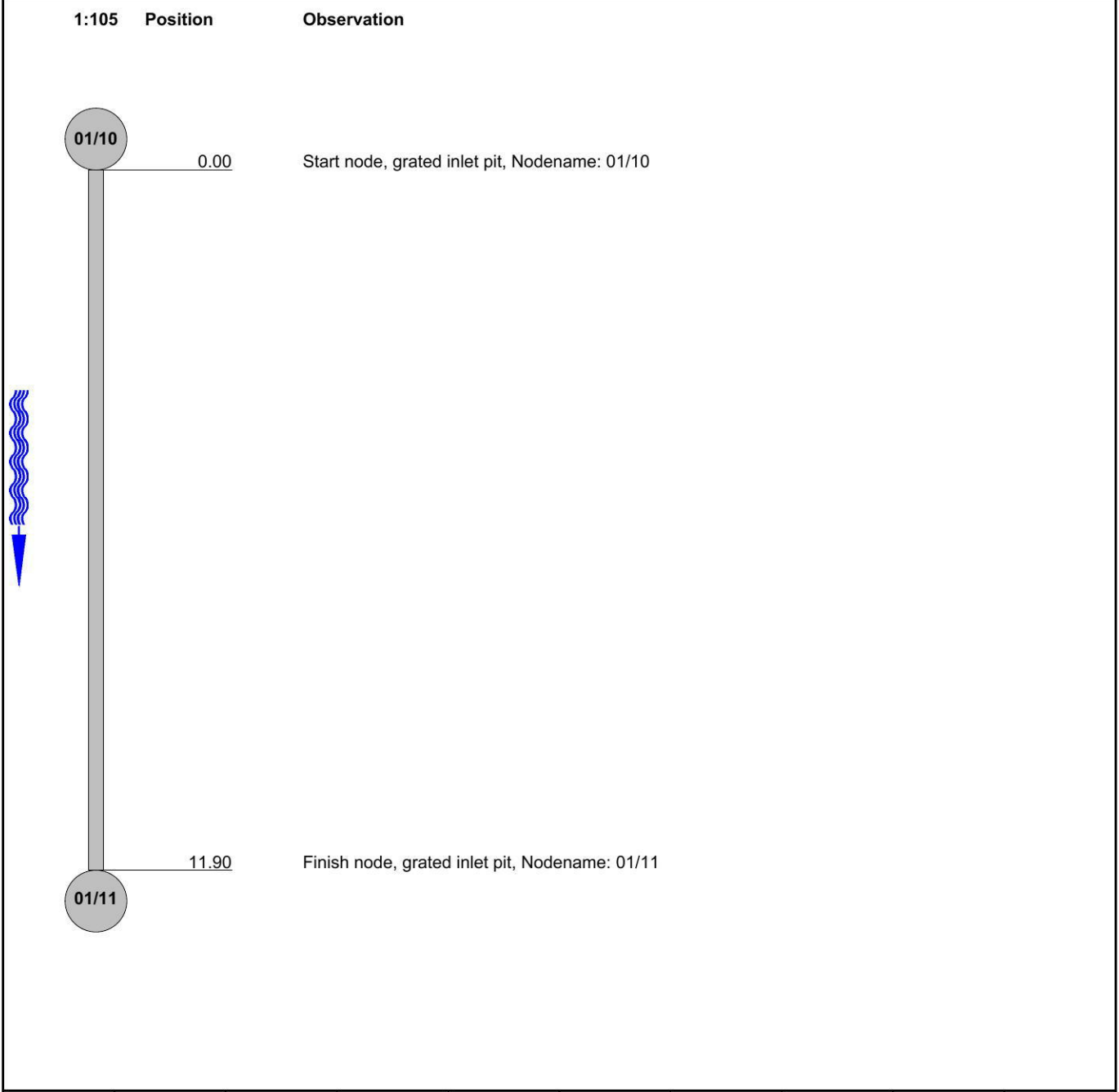
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 29	Pipe Asset Id: 01/10 TO 01/11
Time of inspection: 12:26:55	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 01/10 Survey Dir: downstream DS MH: 01/11 Inspect Length : 11.90 m
--	---	--

Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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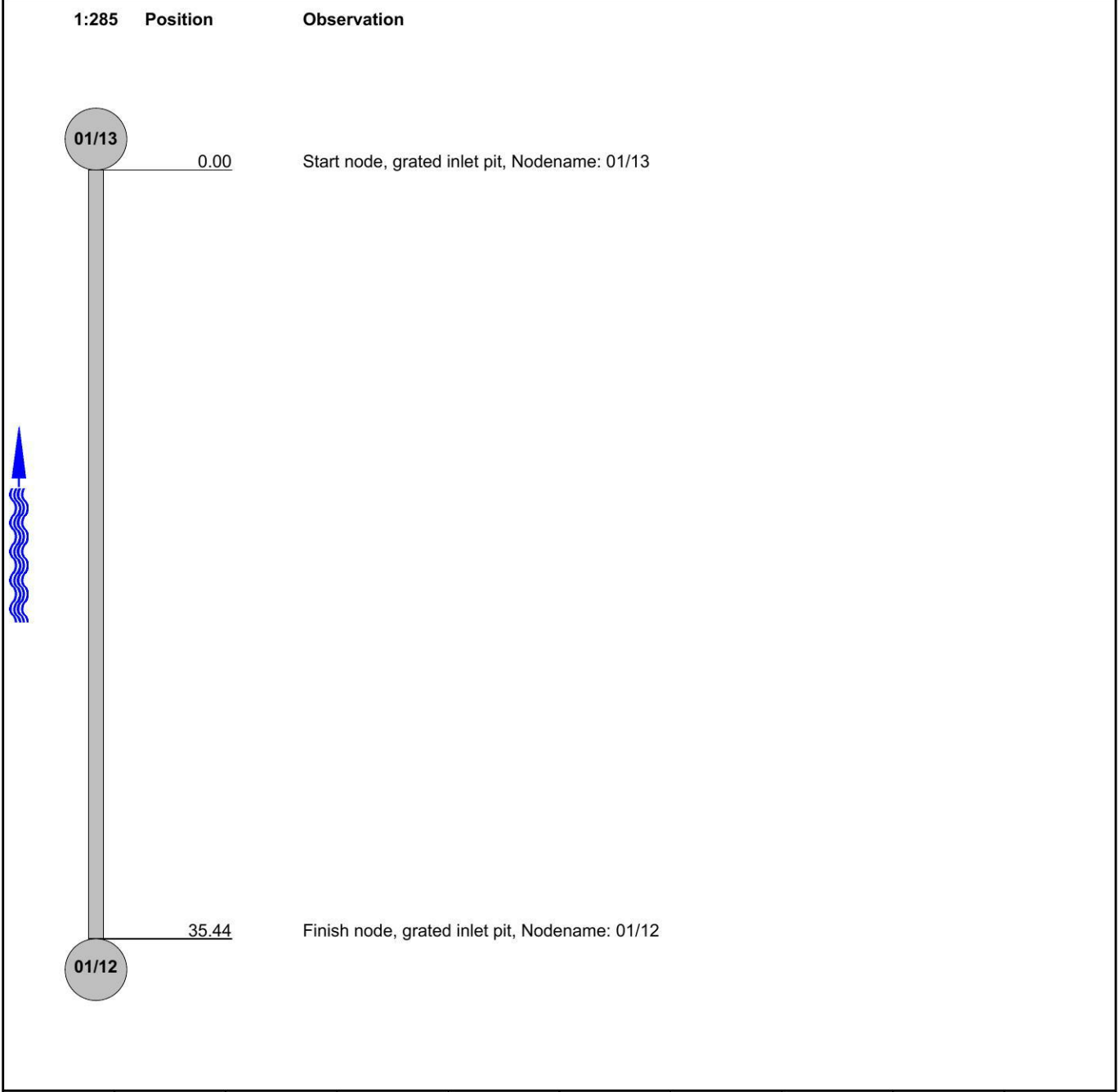
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 30	Pipe Asset Id: 01/13 TO 01/12
Time of inspection: 12:41:46	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 01/12 Survey Dir: upstream DS MH: 01/13 Inspect Length : 35.44 m
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Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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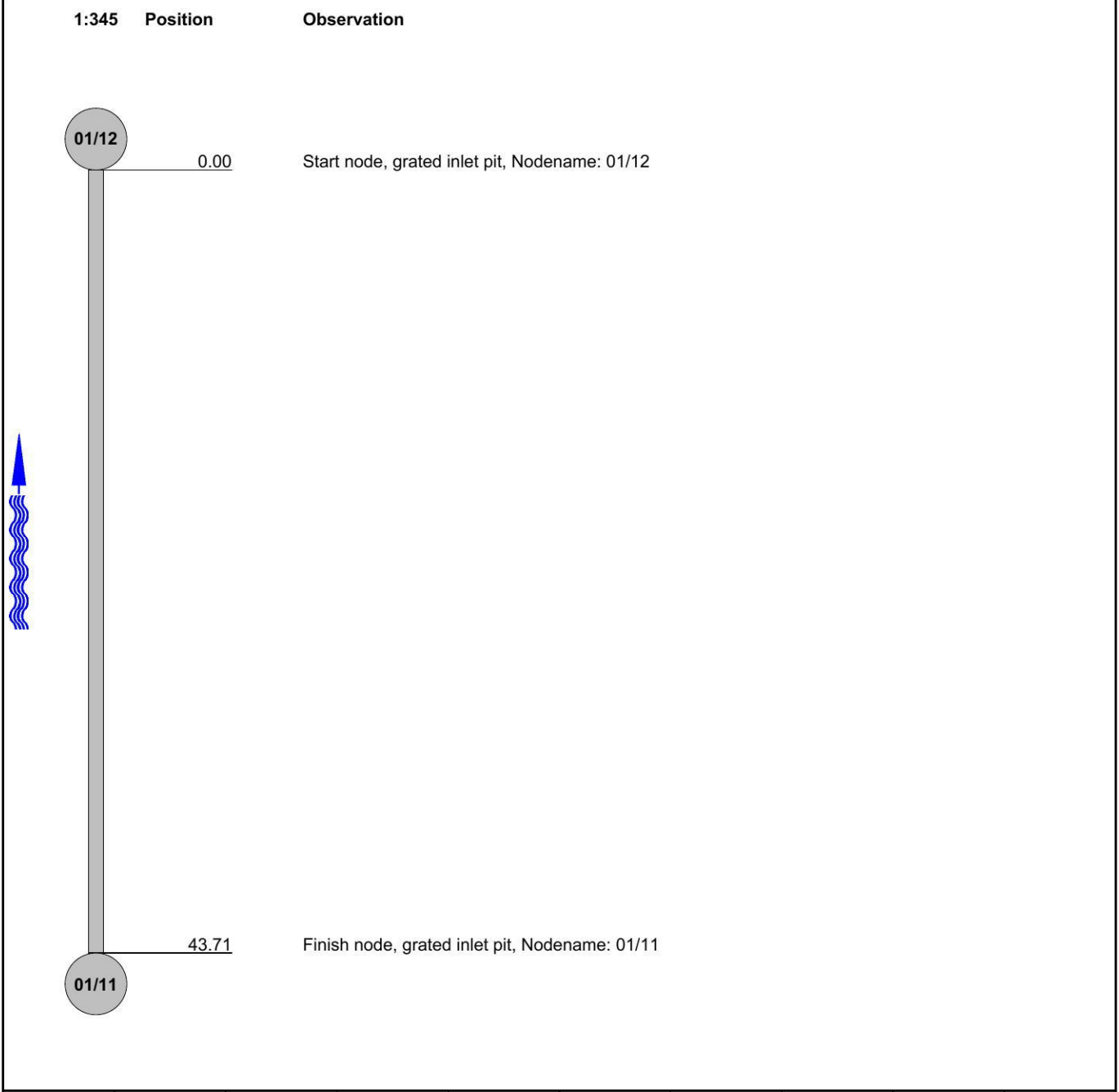
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 31	Pipe Asset Id: 01/12 TO 01/11
Time of inspection: 12:45:08	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 01/11 Survey Dir: upstream DS MH: 01/12 Inspect Length : 43.71 m
--	---	--

Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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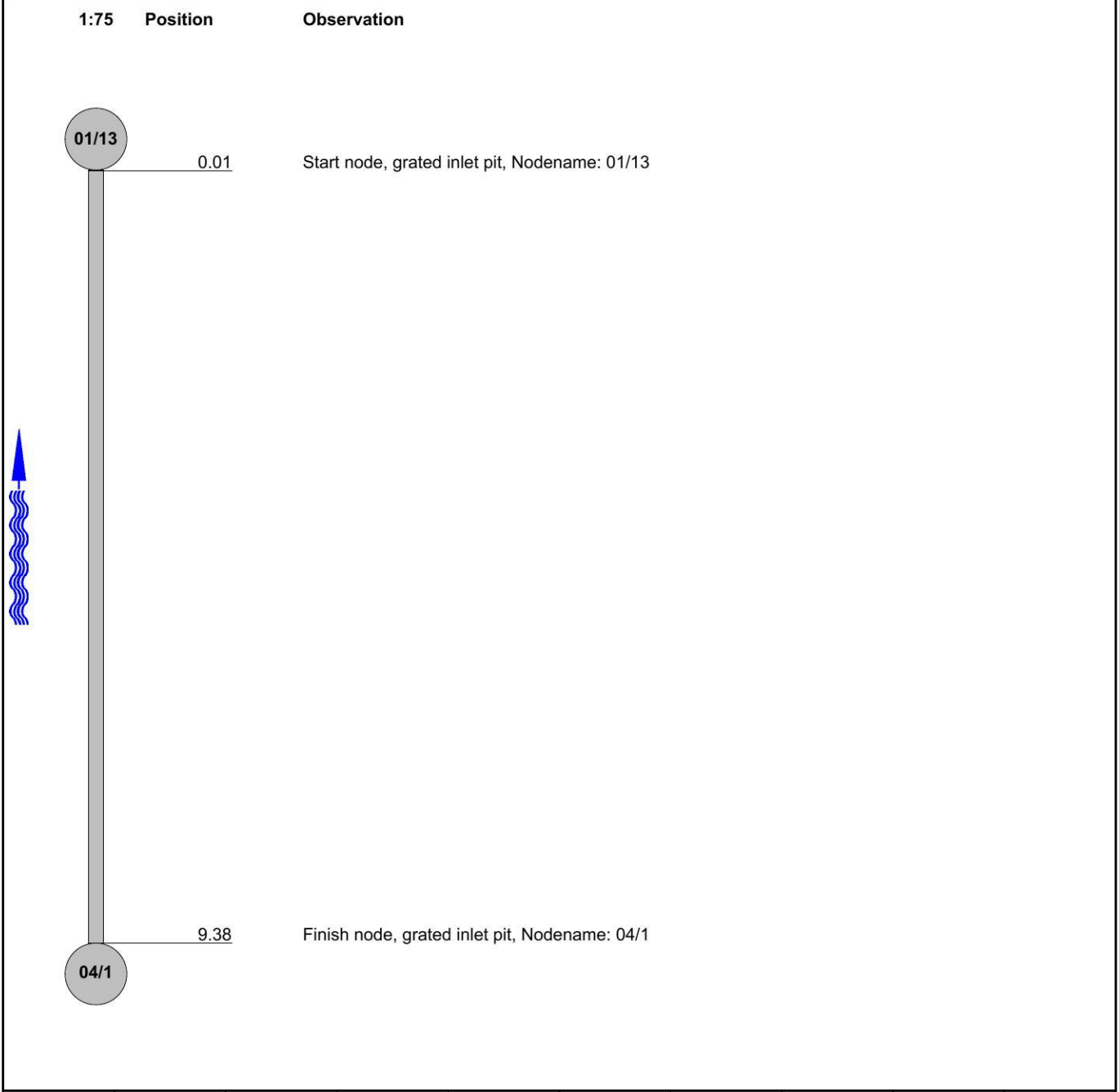
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 32	Pipe Asset Id: 01/13 TO 04/1
Time of inspection: 12:52:10	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 04/1 Survey Dir: upstream DS MH: 01/13 Inspect Lenght : 9.38 m
--	---	--

Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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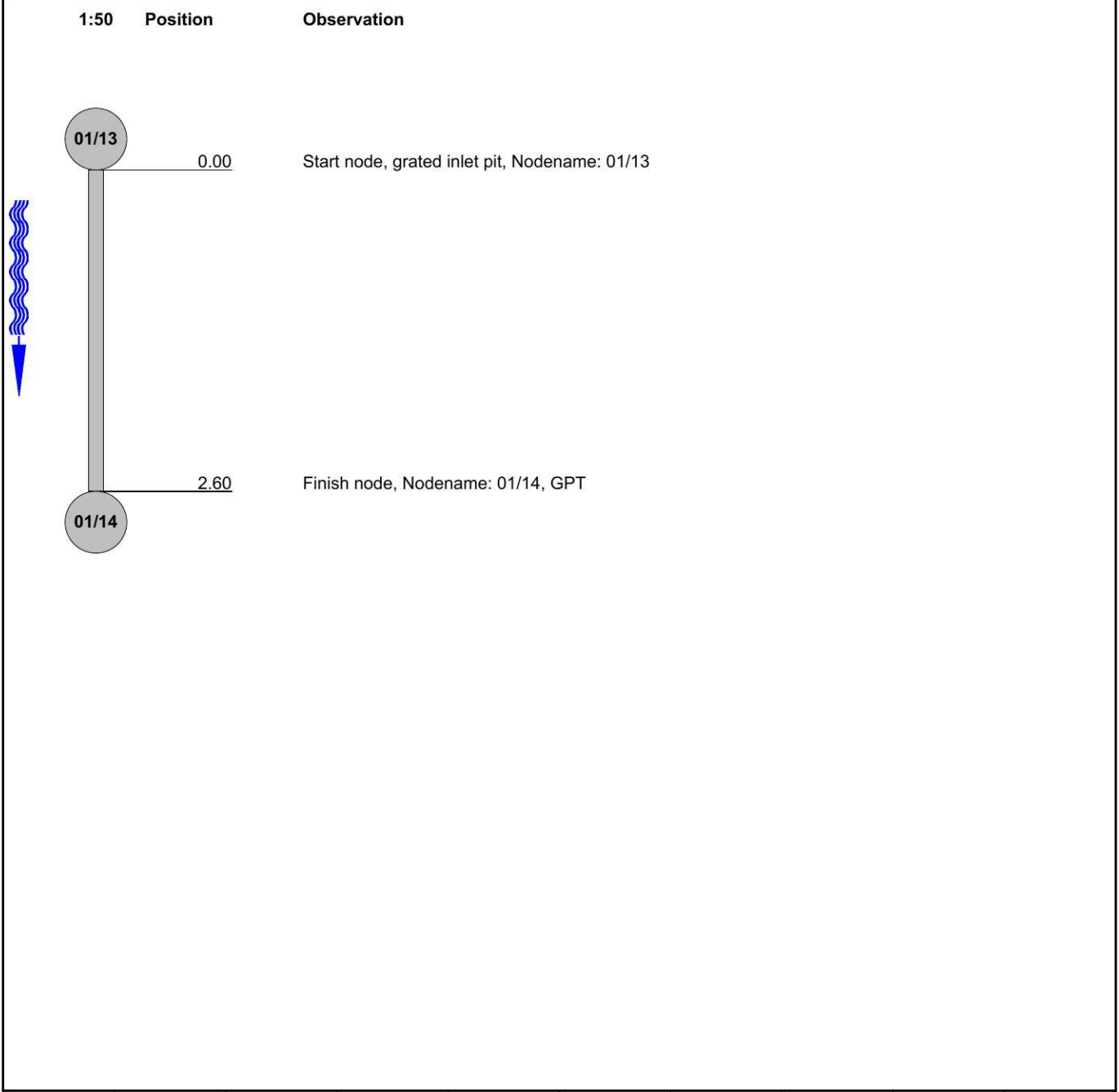
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 33	Pipe Asset Id: 01/13 TO 01/14
Time of inspection: 12:52:59	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 01/13 Survey Dir: downstream DS MH: 01/14 Inspect Length : 2.60 m
--	---	---

Purpose of inspection : New Construction	Shape : Circular
Use of Conduit: Drain	Dia/Height:
Type of Conduit: Storm water drain	Lining:
Lining Method:	Pipe Material: Fibre reinforced cement

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



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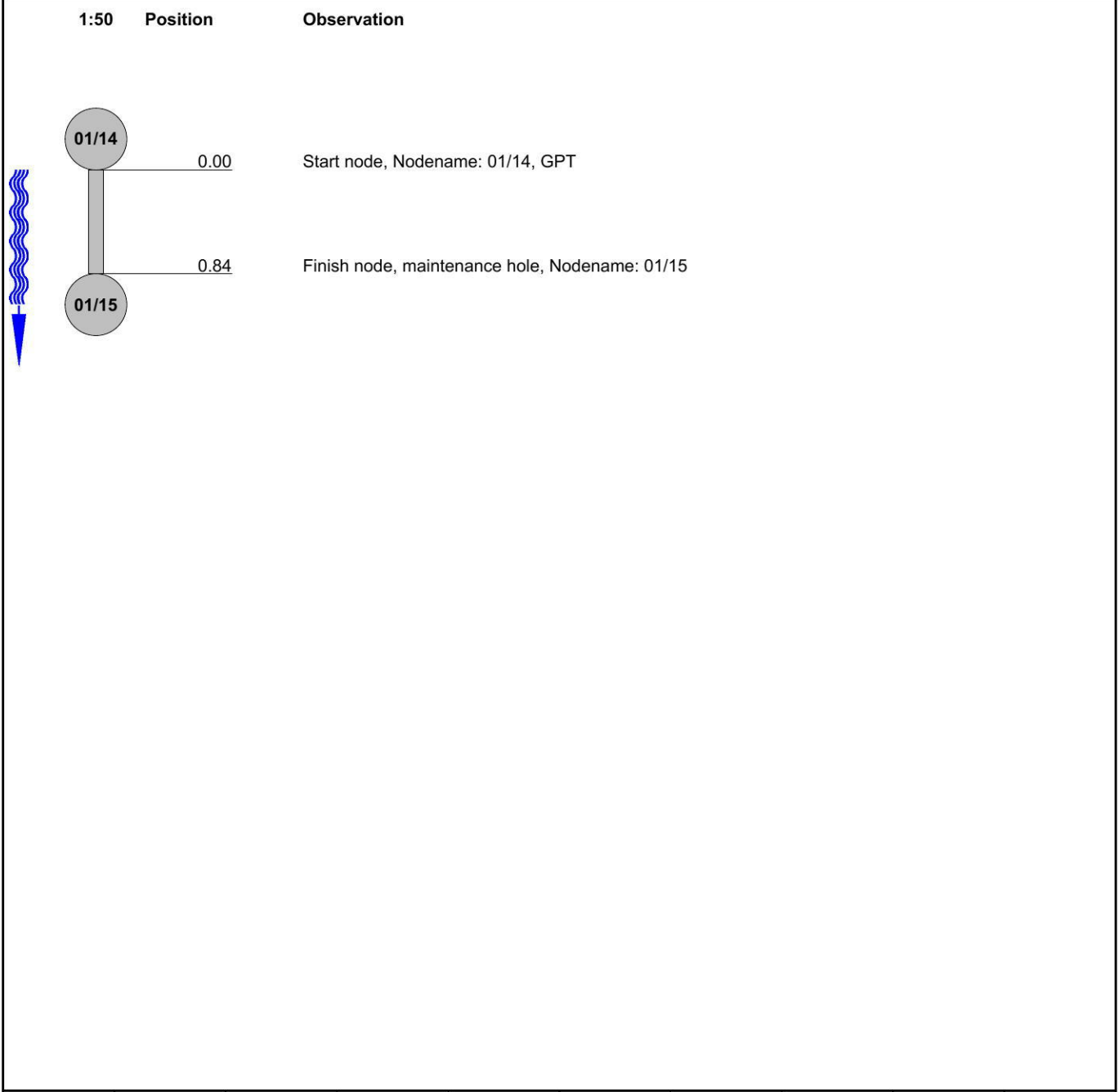
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 34	Pipe Asset Id: 01/14 TO 01/15
Time of inspection: 12:54:57	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 01/14 Survey Dir: downstream DS MH: 01/15 Inspect Length : 0.84 m
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Purpose of inspection : New Construction Use of Conduit: Drain Type of Conduit: Storm water drain Lining Method:	Shape : Circular Dia/Height: Lining: Pipe Material: Fibre reinforced cement
--	--

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1



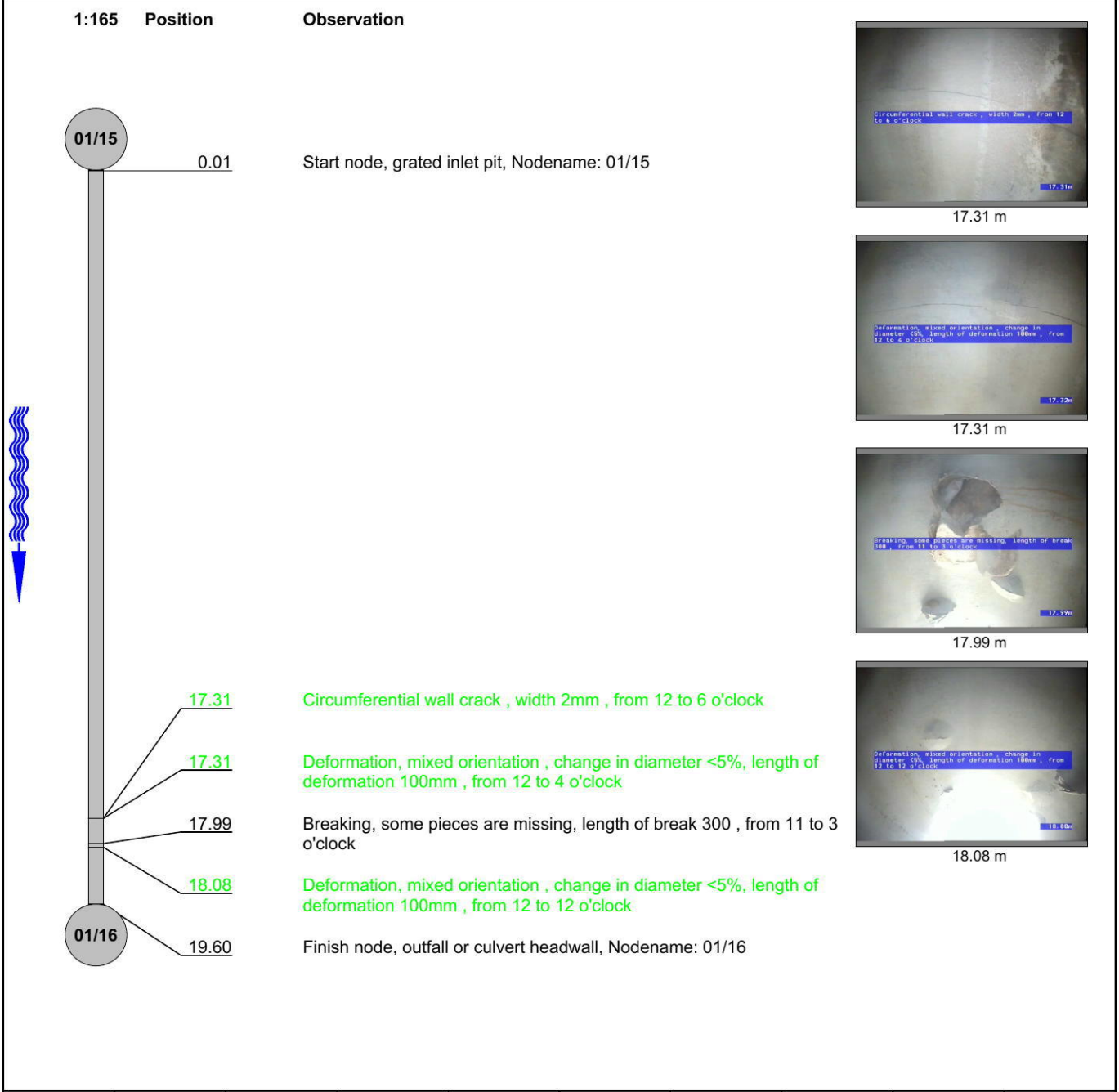
WSA assessment

Date: 8/02/2014	Asset owner's job ref.:	Asset Owner: jk williams	Operator : m crocker	Section number: 35	Pipe Asset Id: 01/15 TO 01/16
Time of inspection: 12:57:06	Cleaning: cleaned	Standard: WSA 05-2008 2.2	LRP Ins	Conduit Unit Length	Method of Inspection Television Camera

Town: Suburb: jordan springs Street: road 21 Asset Location	Catchment: Asset Owner: jk williams Precipitation.: Flow control No measures	US MH: 01/15 Survey Dir: downstream DS MH: 01/16 Inspect Length : 19.60 m
--	---	--

Purpose of inspection : New Construction Use of Conduit: Drain Type of Conduit: Storm water drain Lining Method:	Shape : Circular Dia/Height: Lining: Pipe Material: Fibre reinforced cement
--	--

Remarks :



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
4	63	3.21	63	5	0	0	0	0	1

Inspection Pictures

Location/Street road 21	Town or suburb:	Date : 8/02/2014	Section number: 35	Sewer Ref.: 01/15 TO 01/16
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Photo: 35_1_2_08022014_125944_A.JPG
 17.31m, Circumferential wall crack , width 2mm , from 12 to 6 o'clock



Photo: 35_1_3_08022014_130008_A.JPG
 17.31m, Deformation, mixed orientation , change in diameter <5%, length of deformation 100mm , from 12 to 4 o'clock

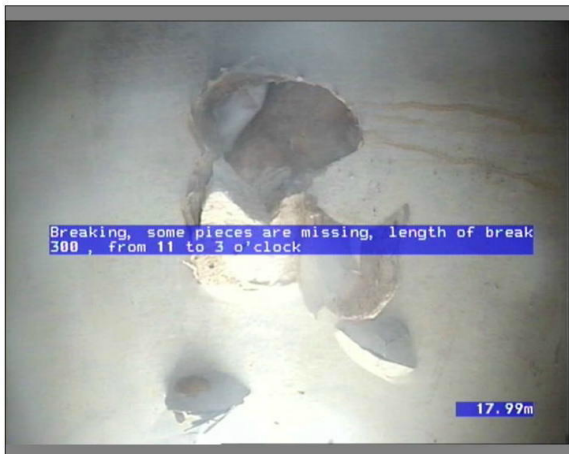


Photo: 35_1_4_08022014_130025_A.JPG
 17.99m, Breaking, some pieces are missing, length of break 300 , from 11 to 3 o'clock



Photo: 35_1_5_08022014_130043_A.JPG
 18.08m, Deformation, mixed orientation , change in diameter <5%, length of deformation 100mm , from 12 to 12 o'clock