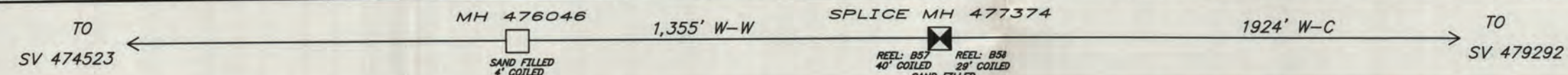




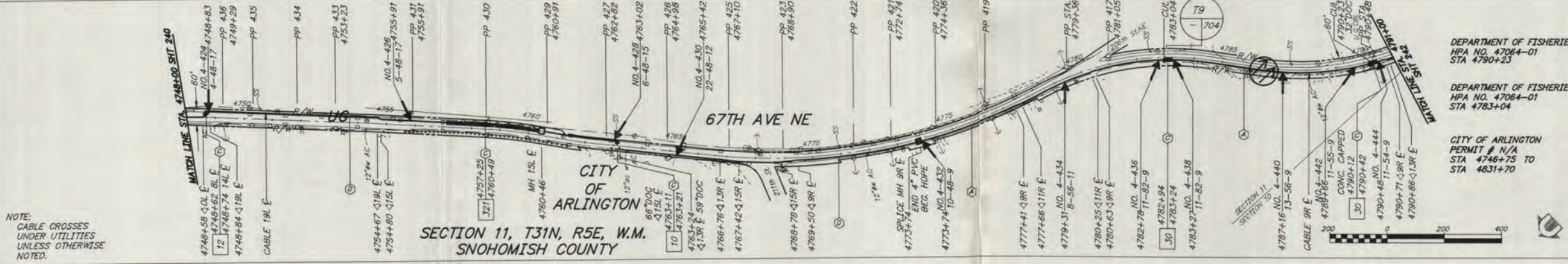
CABLE PLACING		
REEL NO.	B57	B58
BEGINNING STATION	4884+30	4773+74
ENDING STATION	4773+74	4865+29
REEL LENGTH (FT)	9,840'	9,840'
CABLE LENGTH (FT)	9,231'	9,334'
ACCOUNT	85C	85C
CABLE CODE	40HX-036	40HX-036
MISSION PERF.	040-XXX/025-XXX	040-XXX/025-XXX
	PLACED 1991	

CONDUIT PLACING			
TYPE	① 2"IDPE	② 8"IDP	③ 4"IDVC
BEGINNING STATION	4773+74	4748+62	4748+00
ENDING STATION	4791+00	4790+92	4773+74
LENGTH (FT)	1,673	403'	2,246'
ACCOUNT	4C	4C	4C
NO. OF CONDUITS	3	1	1
INNERDUCT	0	3-2"	3-1"

CABLE LENGTH THIS PAGE: 4,395' INCL. COILS



OWNERSHIP: 100% ISD	SCALE: 1"=200'
FILE NO:	PROPRIETARY
CABLE GEO: L53ZAAZ	USE PURSUANT TO COMPANY INSTRUCTIONS
CABLE CLLI: BLANWAU0010	SPEC. NO. WR-34105
REVISIONS:	ESTIMATE EJ74130
0. BID ISSUE 2-91	APPROVED FOR RECORD DATE: OCT. 91
1. AS-BUILT 10-91	FOR OUTSIDE PLANT ENGINEER DATE: OCT. 91
	DAVID EVANS & ASSOC., INC. ENGINEERS-SURVEYORS
	DATE: OCT 91 REG NO. 19833



DEPARTMENT OF FISHERIES
HPA NO. 47064-01
STA 4790+23

DEPARTMENT OF FISHERIES
HPA NO. 47064-01
STA 4783+04

CITY OF ARLINGTON
PERMIT # N/A
STA 4746+75 TO
STA 4831+70

NOTES:

1234+45 3/4\"/>

WR-34105-241

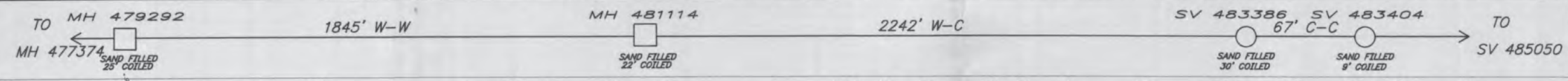
NOTE:
CABLE CROSSES
UNDER UTILITIES
UNLESS OTHERWISE
NOTED.



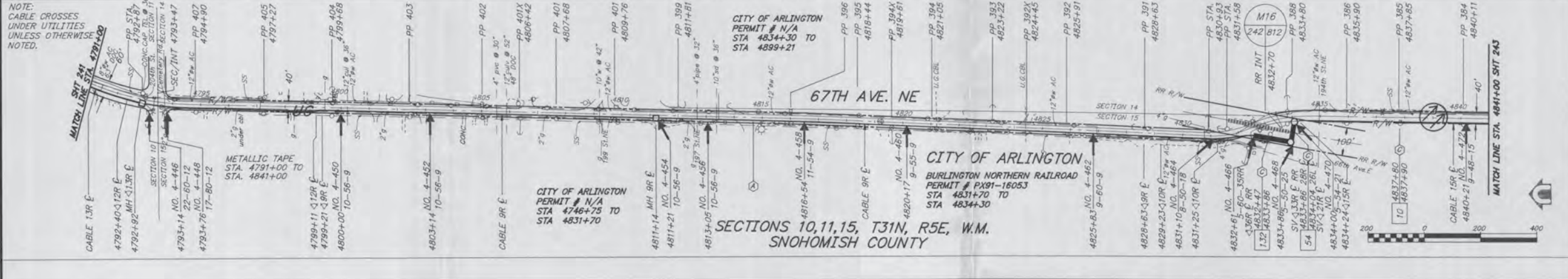
CABLE PLACING	
REEL NO.	858
BEGINNING STATION	4773+74
ENDING STATION	4865+29
REEL LENGTH (FT)	8,840'
CABLE LENGTH (FT)	8,334'
ACCOUNT	85C
CABLE CODE	40HX-036
MISSION PERF.	040-XXX/025-XXX PLACED 1991
CONDUIT PLACING	
TYPE	2" HDPE 6" BIP
BEGINNING STATION	4791+00 4832+47
ENDING STATION	4841+00 4837+80
LENGTH (FT)	5,034' 196'
ACCOUNT	4C 4C
NO. OF CONDUITS	1 1
INNERDUCT	0 3-2"



CABLE LENGTH THIS PAGE: 5,316' INCL. COILS



OWNERSHIP: 100% ISD	SCALE: 1"=200'
FILE NO:	PROPRIETARY
CABLE GED: L532AAZ	USE PURSUANT TO COMPANY INSTRUCTIONS
CABLE CLLT: BLANWAL0010	SPEC. NO. WR-34105
REVISIONS:	ESTIMATE E074730
0. BID ISSUE 2-91	PREPARED FOR RECORD
1. AS-BUILT 10-91	APPROVED
	FOR OUTSIDE PLANT ENGINEER DATE
	DAVID EVANS & ASSOC, INC
	ENGINEERS-SURVEYORS
	DATE OCT 91 REG NO. 17843



NOTES:

1. DIST. FROM CABLE TO E. OF ROAD IN FEET.
2. DIST. OF COVER ABOVE CABLE IN INCHES.
3. DIST. FROM MARKER TO CABLE IN FEET.
4. STATION LOCATION NUMBER.

AT&T Communications Western Region

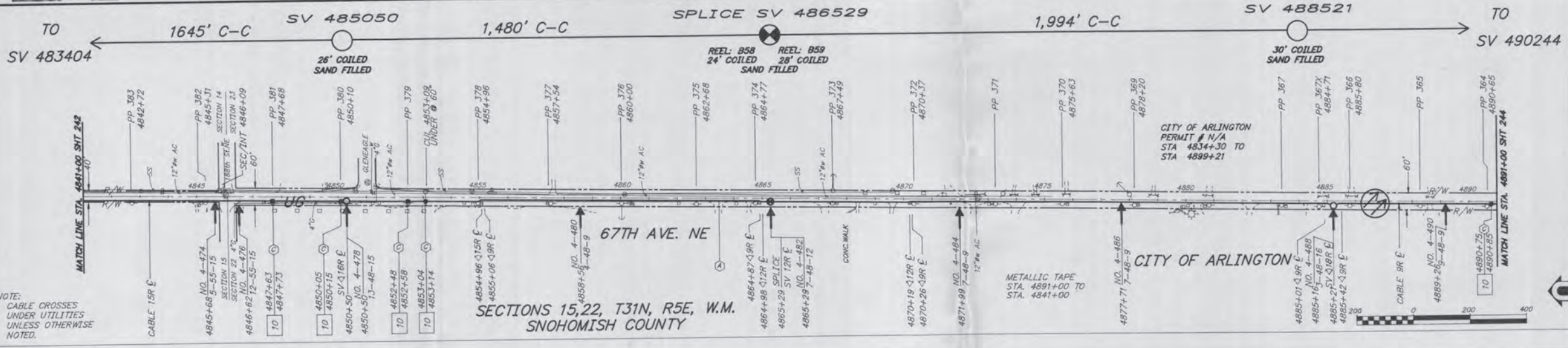
LIGHTGUIDE SYSTEM WHALLEY, BRITISH COLUMBIA TO EVERETT, WASHINGTON

LINE CODE F27B BLAINE TO EVERETT WASHINGTON

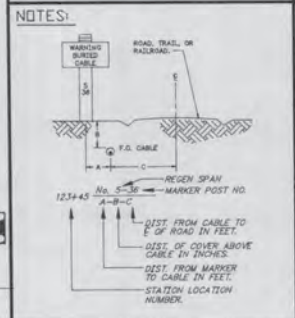
WR-34105-242



CABLE PLACING	
REEL NO.	B58 B59
BEGINNING STATION	4773+74 4865+29
ENDING STATION	4865+29 4957+01
REEL LENGTH (FT)	9,840' 9,840'
CABLE LENGTH (FT)	9,334' 9,433'
ACCOUNT	B5C SSC
CABLE CODE	40HX-036 40HX-036
MISSION PERF.	040-XXX/025-XXX 040-XXX/025-XXX
PLACED	1991
CONDUIT PLACING	
TYPE	2" HDPE 6" RIP
BEGINNING STATION	4841+00 4817+63
ENDING STATION	4891+00 4890+85
LENGTH (FT)	4945' 50'
ACCOUNT	4C 4C
NO. OF CONDUITS	3 1
INNERDUCT	0 3-2"



OWNERSHIP: 100% ISD	SCALE: 1"=200'
FILE NO:	PROPRIETARY
CABLE GED: L53ZAAZ	USE PURSUANT TO COMPANY INSTRUCTIONS
CABLE CLLI: BLANWAL0010	SPEC. NO. WR-34105
REVISIONS:	ESTIMATE £074130
0. BID ISSUE 2-91	PREPARED FOR RECORD
1. AS-BUILT 10-91	APPROVED
	FOR OUTSIDE PLANT ENGINEER DATE
	DAVID EVANS & ASSOC., INC.
	ENGINEERS-SURVEYORS
	DATE OCT 91 REG NO. 19837



AT&T
Communications
Western Region

LIGHTGUIDE SYSTEM
WHALLEY, BRITISH COLUMBIA
TO EVERETT, WASHINGTON

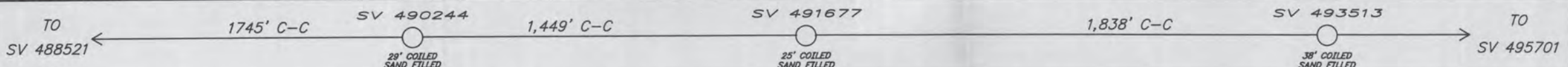
LINE CODE F278
BLAINE TO EVERETT
WASHINGTON

WR-34105-243

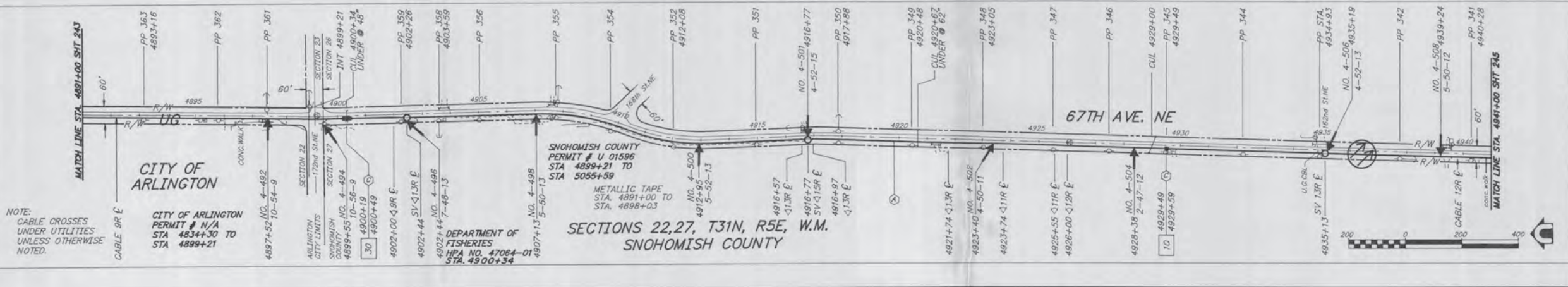
NOTE:
CABLE CROSSES
UNDER UTILITIES
UNLESS OTHERWISE
NOTED.



CABLE PLACING	
REEL NO.	859
BEGINNING STATION	4865+29
ENDING STATION	4957+01
REEL LENGTH (FT)	9,840'
CABLE LENGTH (FT)	9,433'
ACCOUNT	85C
CABLE CODE	40HX-036
MISSION PERF.	040-100/025-100'
	PLACED 1991
CONDUIT PLACING	
TYPE	2" HDPE 4" TYP
BEGINNING STATION	4891+00 4900+19
ENDING STATION	4941+00 4929+59
LENGTH (FT)	5,011' 40'
ACCOUNT	4C 4C
NO. OF CONDUITS	1 1
INNERDUCT	0 3-2"



OWNERSHIP: 100% ISD	SCALE: 1"=200'
FILE NO:	PROPRIETARY
CABLE GEO: L53ZAAZ	USE PURSUANT TO COMPANY INSTRUCTIONS
CABLE CLL: BLANWA0010	SPEC. NO. WR-34105
REVISIONS:	ESTIMATE E574130
0. BID ISSUE 2-91	PREPARED FOR RECORD
1. AS-BUILT 10-91	APPROVED [Signature] OCT. 91
	FOR OUTSIDE PLANT ENGINEER DATE
	I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY CLOSE SUPERVISION AND I AM A DIST. LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF WASHINGTON.
	DAVID EVANS & ASSOC. INC. ENGINEERS-SURVEYORS
	SIGNED [Signature] DATE OCT 91 REG NO. 78807



NOTES:

123445
1-8-C
DIST. FROM CABLE TO E. OF ROAD IN FEET.
DIST. OF COVER ABOVE CABLE IN INCHES.
DIST. FROM MARKER TO CABLE IN FEET.
STATION LOCATION NUMBER.

AT&T Communications Western Region

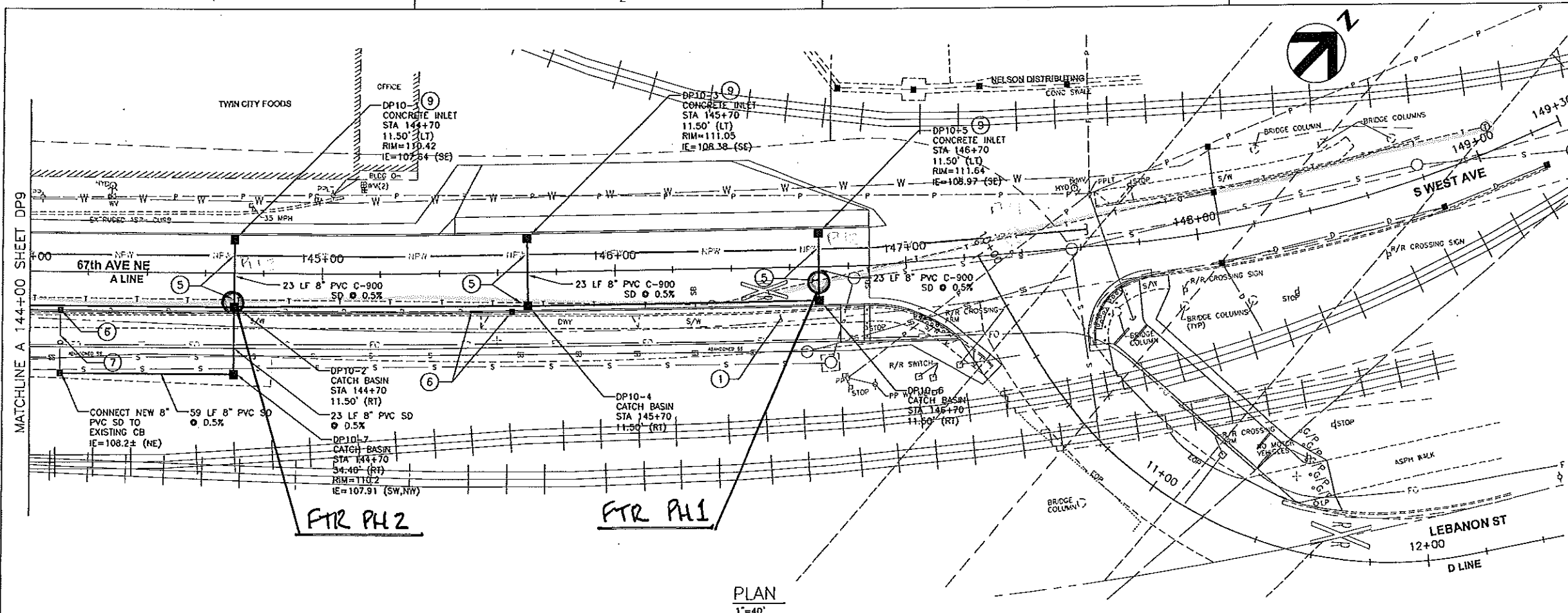
LIGHTGUIDE SYSTEM WHALLEY, BRITISH COLUMBIA TO EVERETT, WASHINGTON

LINE CODE F278 BLAINE TO EVERETT WASHINGTON

WR-34105-244

FRONTIER DATA

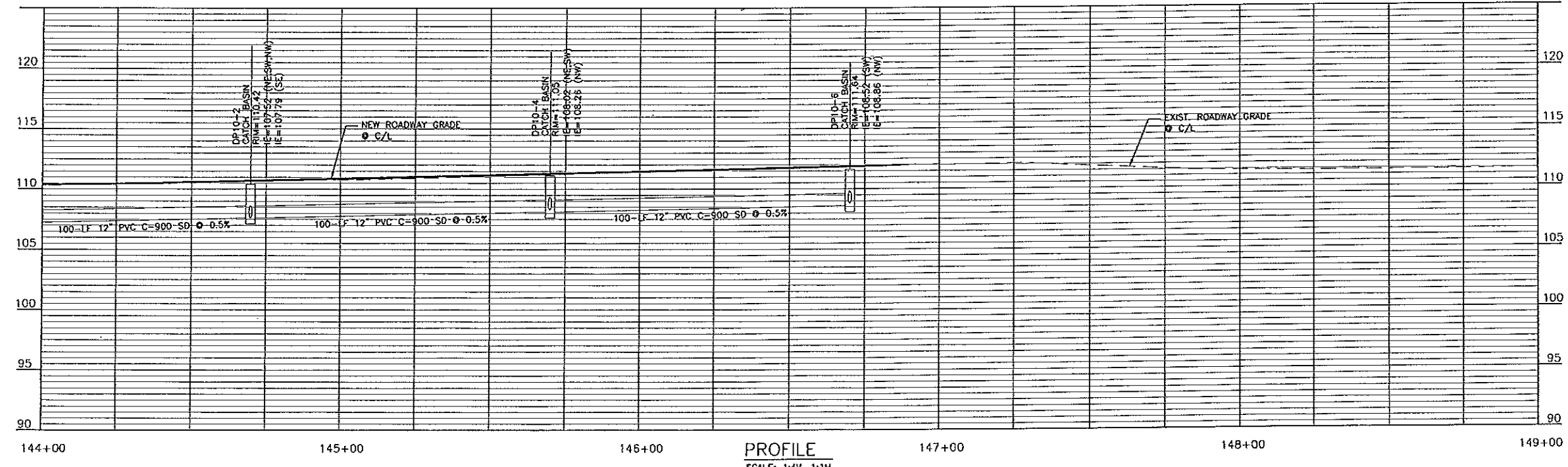
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- GENERAL NOTES:**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.
 2. SEE CITY OF ARLINGTON STORM DRAINAGE NOTES ON SHEET SD1.
 3. ALL CATCH BASINS ARE TYPE 1 UNLESS OTHERWISE NOTED ON PLANS.
 4. INSTALL CATCH BASIN INLET PROTECTION TO ALL PROPOSED CATCH BASINS DURING CONSTRUCTION. SEE DETAIL ON SHEET SPD1.

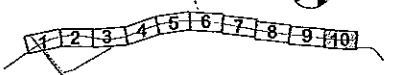
- (X) DRAINAGE NOTES**
1. POROUS ASPHALT TRAIL
 2. FISH PASSABLE CULVERT, SEE DETAILS ON SHEETS FP1-FP3
 3. INFILTRATION TRENCH, SEE DETAIL ON SHEET SD1.
 4. HYDRODYNAMIC SEPARATING WATER QUALITY MANHOLE, SEE DETAIL ON SHEET SD1
 5. COORDINATE AND/OR RESTORE IMPACTED UTILITY LINES. FIELD VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 6. REMOVE EXISTING STORM DRAINAGE FEATURES
 7. ABANDON EXISTING STORM DRAINAGE FEATURES
 8. CATCH BASIN TYPE 2. SEE DETAIL ON SHEET SD2
 9. CONCRETE INLET, SEE DETAIL ON SHEET SD2
 10. SECTIONAL CHAMBER INFILTRATION SYSTEM IN 6.3-FOOT WIDE TRENCH. SEE DETAIL ON SHEET SD3. OFFSETS GIVEN ARE TO CENTERLINE OF EACH SYSTEM. PROVIDE 24-INCH DEEP LAYER OF TREATMENT LINER AMENDED SOIL UNDER TRENCH.
 11. ADJUST EXISTING CATCH BASIN OR MANHOLE RIM TO FINISHED GRADE.
 12. OBSERVATION WELL STORM DRAIN CLEANDUT. SEE DETAIL ON SHEET SD2

PLAN
1"=40'

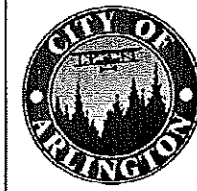


2030-3P0A0KQ
FRONTIER POTHOLES
67th AVE ROAD MOVE
LEBENON to 211th
SHT 1 of 5

KEY MAP



PROJECT MANAGER		PROJECT NUMBER	
ISSUE	DATE	DESCRIPTION	0000000110731

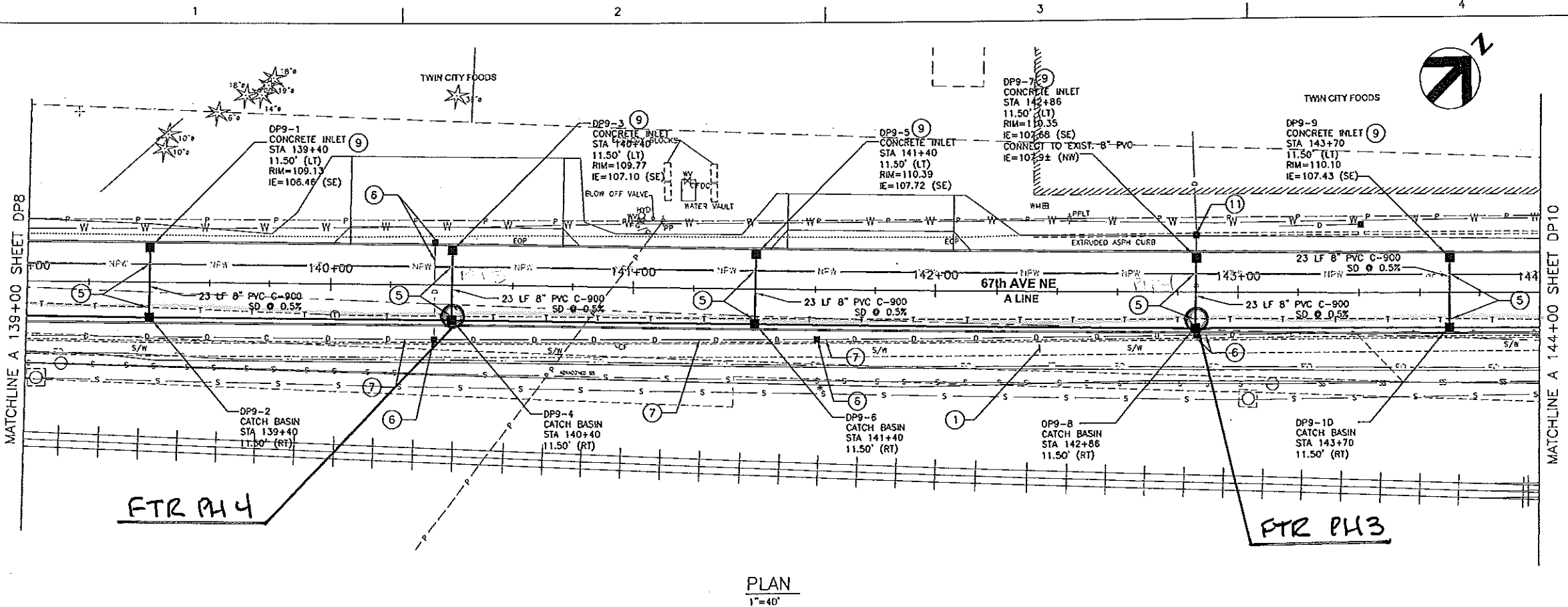


CITY OF ARLINGTON
67th AVENUE PHASE III
RECONSTRUCTION PROJECT

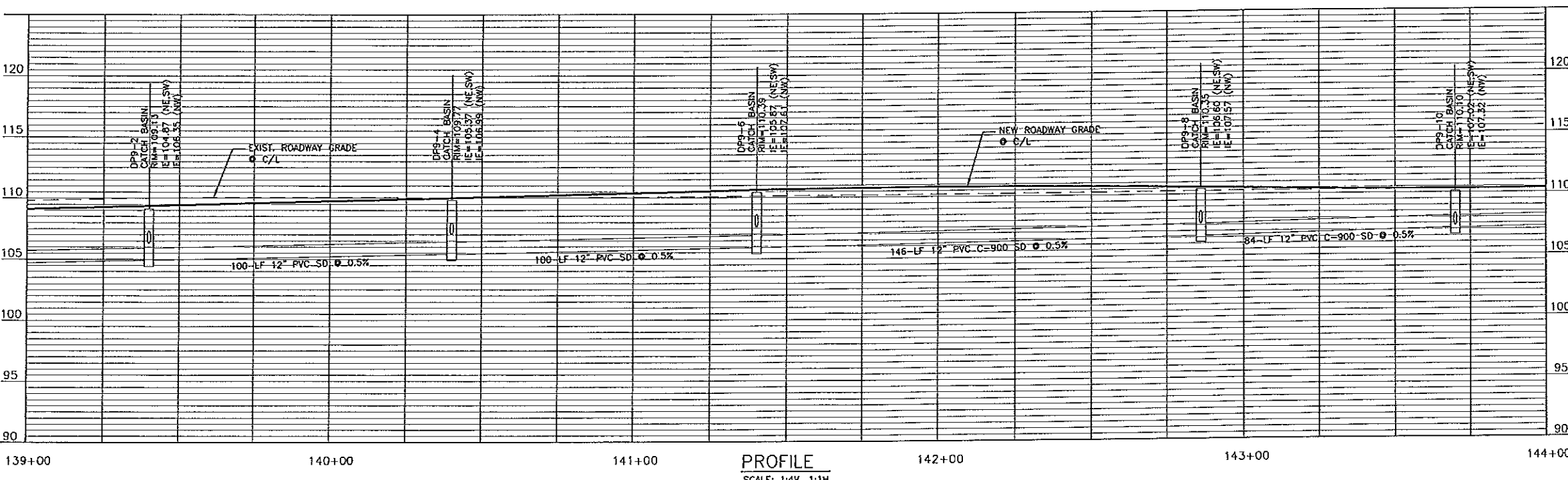
DRAINAGE PLAN AND PROFILE

(10 OF 10)

SCALE	1"=40'	SHEET	DP10
FILENAME	OP-00C-10.dwg		



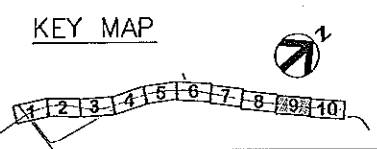
PLAN
1"=40'



PROFILE
SCALE: 1:4V, 1:1H

- GENERAL NOTES:**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.
 2. SEE CITY OF ARLINGTON STORM DRAINAGE NOTES ON SHEET SD1.
 3. ALL CATCH BASINS ARE TYPE 1 UNLESS OTHERWISE NOTED ON PLANS.
 4. INSTALL CATCH BASIN INLET PROTECTION TO ALL PROPOSED CATCH BASINS DURING CONSTRUCTION. SEE DETAIL ON SHEET SPD1.
- (X) DRAINAGE NOTES**
1. POROUS ASPHALT TRAIL
 2. FISH PASSABLE CULVERT, SEE DETAILS ON SHEETS FP1-FP3
 3. INFILTRATION TRENCH, SEE DETAIL ON SHEET S01.
 4. HYDRODYNAMIC SEPARATING WATER QUALITY MANHOLE, SEE DETAIL ON SHEET S01
 5. COORDINATE AND/OR RESTORE IMPACTED UTILITY LINES. FIELD VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 6. REMOVE EXISTING STORM DRAINAGE FEATURES
 7. ABANDON EXISTING STORM DRAINAGE FEATURES
 8. CATCH BASIN TYPE 2, SEE DETAIL ON SHEET SD2
 9. CONCRETE INLET, SEE DETAIL ON SHEET SD2
 10. SECTIONAL CHAMBER INFILTRATION SYSTEM IN 6.3-FOOT WIDE TRENCH, SEE DETAIL ON SHEET SD3. OFFSETS GIVEN ARE TO CENTERLINE OF EACH SYSTEM. PROVIDE 24-INCH DEEP LAYER OF TREATMENT LINER AMENDED SOIL UNDER TRENCH.
 11. ADJUST EXISTING CATCH BASIN OR MANHOLE RIM TO FINISHED GRADE.
 12. OBSERVATION WELL STORM DRAIN CLEANOUT, SEE DETAIL ON SHEET SD2

2030-3POA0KQ
FRONTIER POTHOLES
67th AVE ROAD MOVE
LEBENON to 211th
SHT 2 of 5



PROJECT MANAGER		PROJECT NUMBER 000000110731	
ISSUE	DATE	DESCRIPTION	



CITY OF ARLINGTON
67th AVENUE PHASE III
RECONSTRUCTION PROJECT

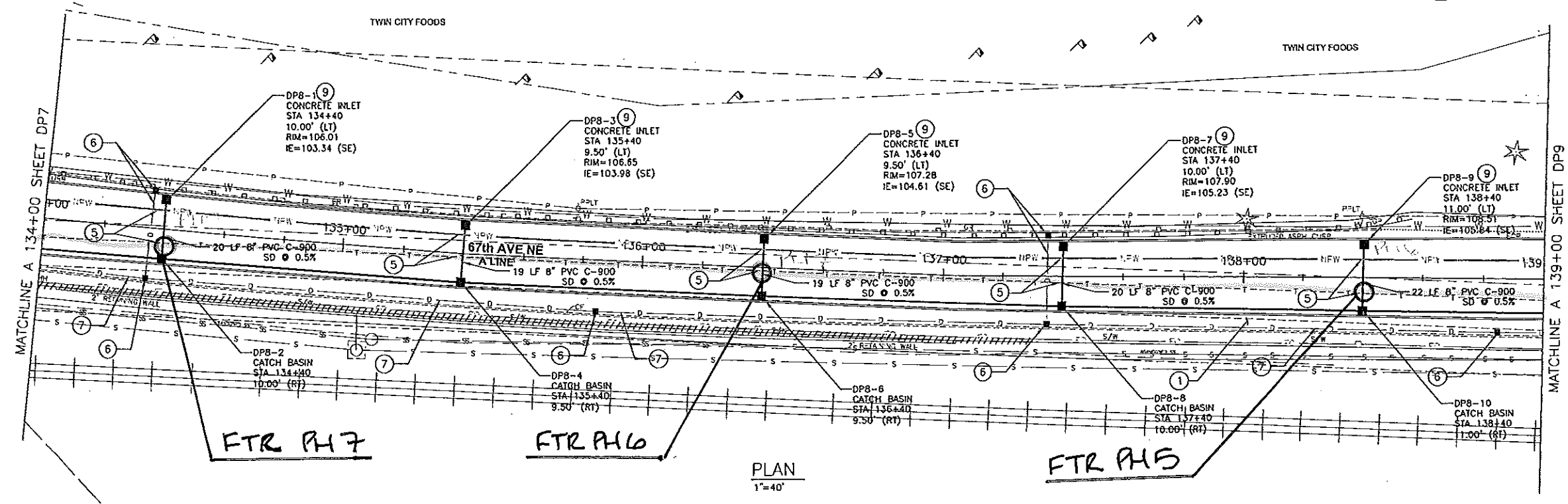
DRAINAGE PLAN AND PROFILE
(9 OF 10)

FILENAME DP-00C-09.dwg SHEET DP9
SCALE 1"=40'

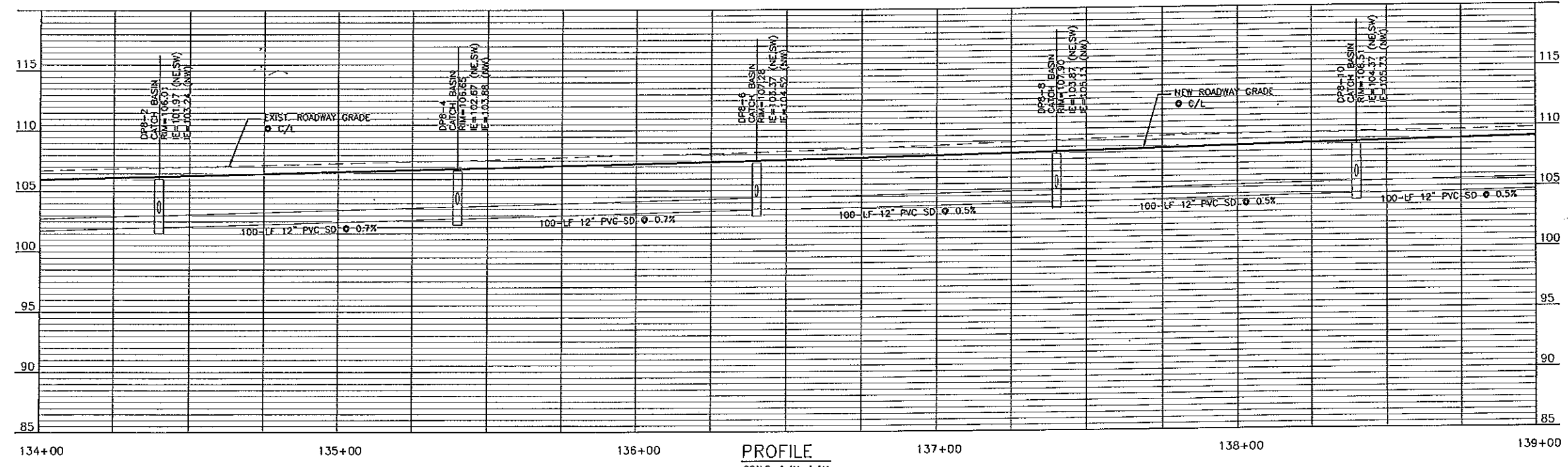


- GENERAL NOTES:**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.
 2. SEE CITY OF ARLINGTON STORM DRAINAGE NOTES ON SHEET SD1.
 3. ALL CATCH BASINS ARE TYPE 1 UNLESS OTHERWISE NOTED ON PLANS.
 4. INSTALL CATCH BASIN INLET PROTECTION TO ALL PROPOSED CATCH BASINS DURING CONSTRUCTION. SEE DETAIL ON SHEET SP01.

- (X) DRAINAGE NOTES**
1. POROUS ASPHALT TRAIL
 2. FISH PASSABLE CULVERT, SEE DETAILS ON SHEETS FP1-FP3
 3. INFILTRATION TRENCH, SEE DETAIL ON SHEET SD1.
 4. HYDRODYNAMIC SEPARATING WATER QUALITY MANHOLE, SEE DETAIL ON SHEET SD1
 5. COORDINATE AND/OR RESTORE IMPACTED UTILITY LINES. FIELD VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 6. REMOVE EXISTING STORM DRAINAGE FEATURES
 7. ABANDON EXISTING STORM DRAINAGE FEATURES
 8. CATCH BASIN TYPE 2, SEE DETAIL ON SHEET SD2
 9. CONCRETE INLET, SEE DETAIL ON SHEET SD2
 10. SECTIONAL CHAMBER INFILTRATION SYSTEM IN 6.3-FOOT WIDE TRENCH, SEE DETAIL ON SHEET SD3. OFFSETS GIVEN ARE TO CENTERLINE OF EACH SYSTEM. PROVIDE 24-INCH DEEP LAYER OF TREATMENT LINER AMENDED SOIL UNDER TRENCH.
 11. ADJUST EXISTING CATCH BASIN OR MANHOLE RIM TO FINISHED GRADE.
 12. OBSERVATION WELL STORM DRAIN CLEANOUT, SEE DETAIL ON SHEET SD2

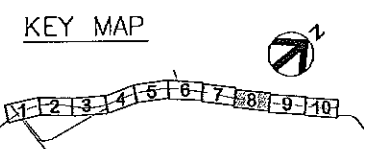


PLAN
1"=40'



PROFILE
SCALE: 1"=4V, 1"=1H

2030-3P0A0KQ
FRONTIER POTHoles
67th AVE ROAD MOVE
LEBENON to 211th
SHT 3 of 5



ISSUE	DATE	DESCRIPTION	PROJECT NUMBER
			0000000110731



CITY OF ARLINGTON
67th AVENUE PHASE III
RECONSTRUCTION PROJECT

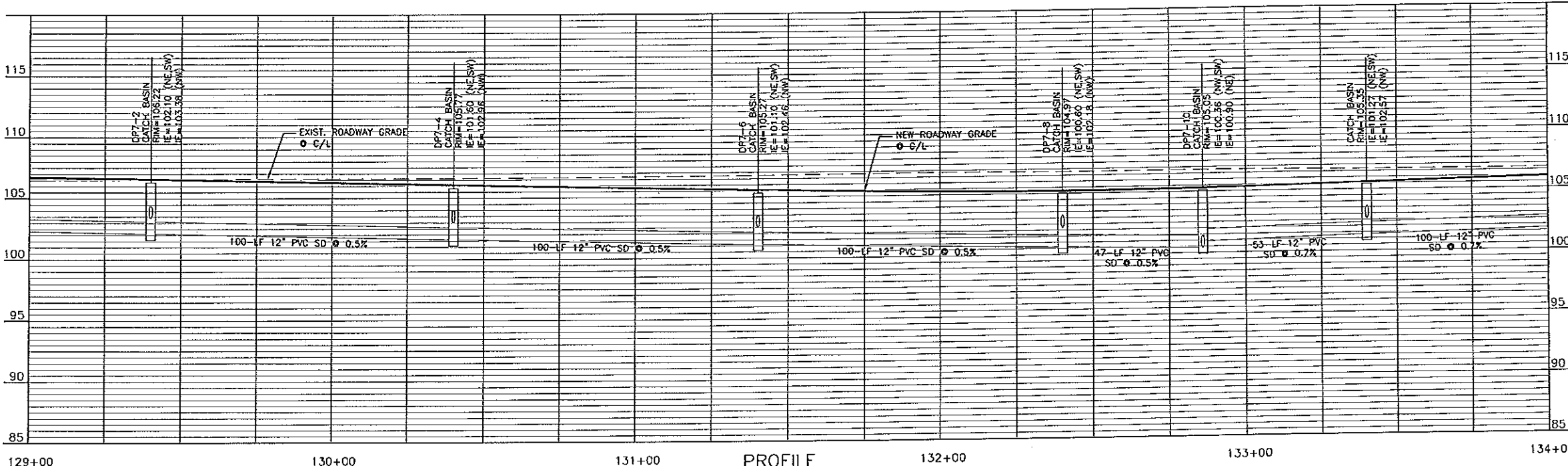
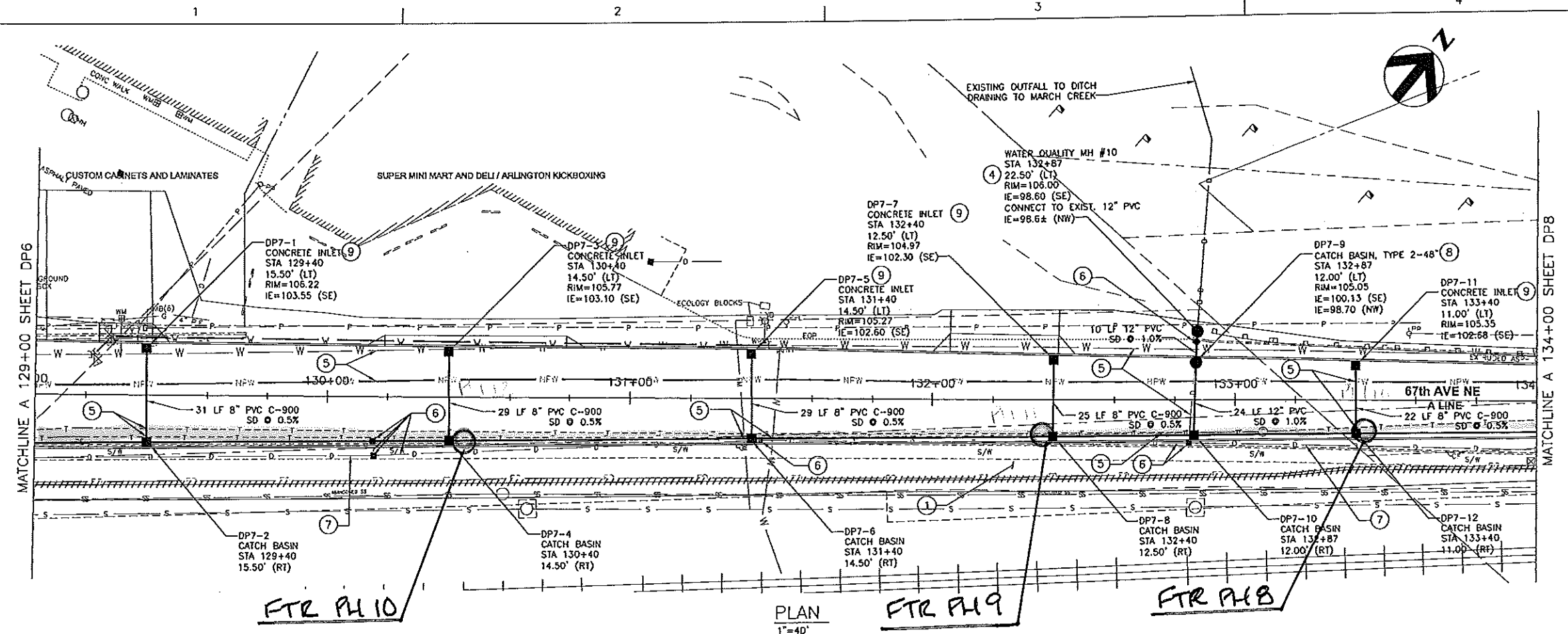
DRAINAGE PLAN AND PROFILE

(8 OF 10)

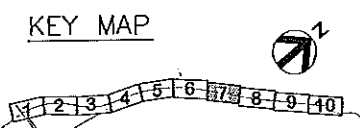
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SCALE	1"=40'		

- GENERAL NOTES:**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.
 2. SEE CITY OF ARLINGTON STORM DRAINAGE NOTES ON SHEET SD1.
 3. ALL CATCH BASINS ARE TYPE 1 UNLESS OTHERWISE NOTED ON PLANS.
 4. INSTALL CATCH BASIN INLET PROTECTION TO ALL PROPOSED CATCH BASINS DURING CONSTRUCTION. SEE DETAIL ON SHEET SP01.

- (X) DRAINAGE NOTES**
1. POROUS ASPHALT TRAIL
 2. FISH PASSABLE CULVERT, SEE DETAILS ON SHEETS FP1-FP3
 3. INFILTRATION TRENCH, SEE DETAIL ON SHEET SD1.
 4. HYDRODYNAMIC SEPARATING WATER QUALITY MANHOLE, SEE DETAIL ON SHEET SD1
 5. COORDINATE AND/OR RESTORE IMPACTED UTILITY LINES. FIELD VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 6. REMOVE EXISTING STORM DRAINAGE FEATURES
 7. ABANDON EXISTING STORM DRAINAGE FEATURES
 8. CATCH BASIN TYPE 2, SEE DETAIL ON SHEET SD2
 9. CONCRETE INLET, SEE DETAIL ON SHEET SD2
 10. SECTIONAL CHAMBER INFILTRATION SYSTEM IN 6.3-FOOT WIDE TRENCH, SEE DETAIL ON SHEET SD3. OFFSETS GIVEN ARE TO CENTERLINE OF EACH SYSTEM. PROVIDE 24-INCH DEEP LAYER OF TREATMENT LINER AMENDED SOIL UNDER TRENCH.
 11. ADJUST EXISTING CATCH BASIN OR MANHOLE RIM TO FINISHED GRADE.
 12. OBSERVATION WELL STORM DRAIN CLEANOUT, SEE DETAIL ON SHEET SD2



2030-3P0A0KQ
 FRONTIER POTHOLES
 67th AVE ROAD MOVE
 LEBENON to 211th
 SHT 4 of 5



PROJECT MANAGER	
PROJECT NUMBER	0008000110731
ISSUE	DATE
DESCRIPTION	

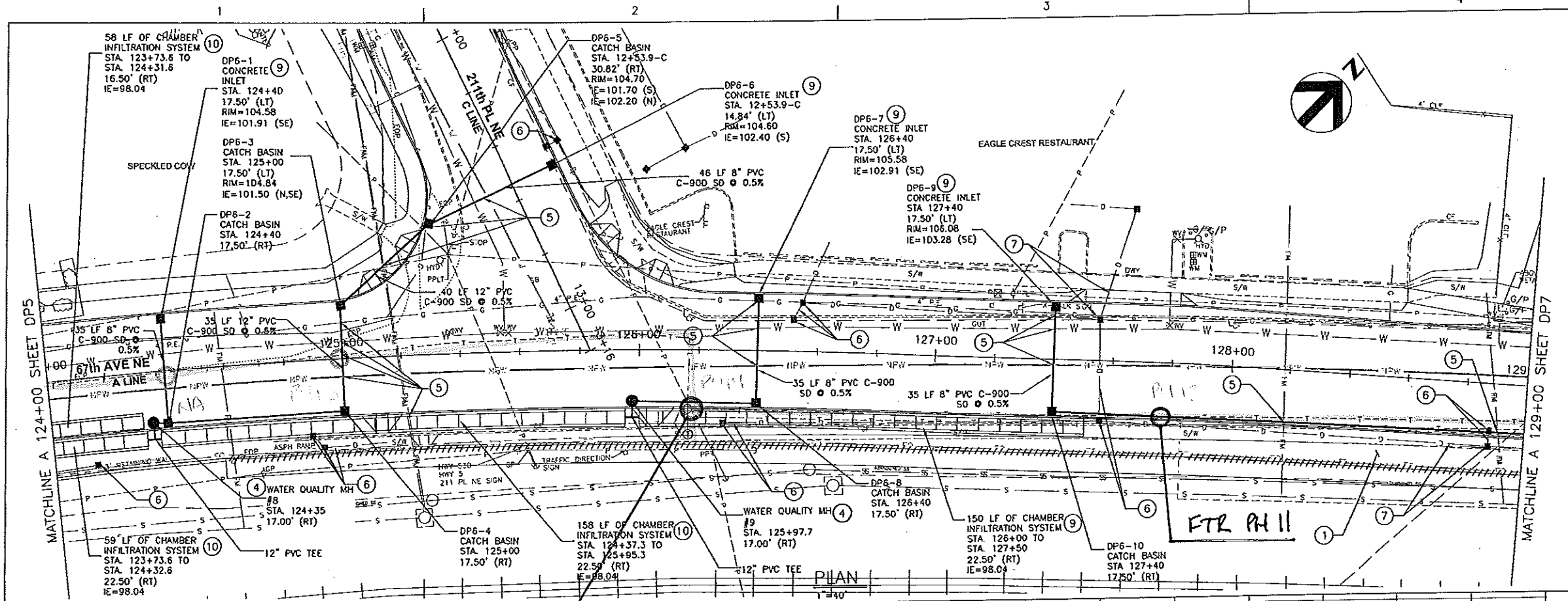


CITY OF ARLINGTON
 67th AVENUE PHASE III
 RECONSTRUCTION PROJECT

DRAINAGE PLAN AND PROFILE

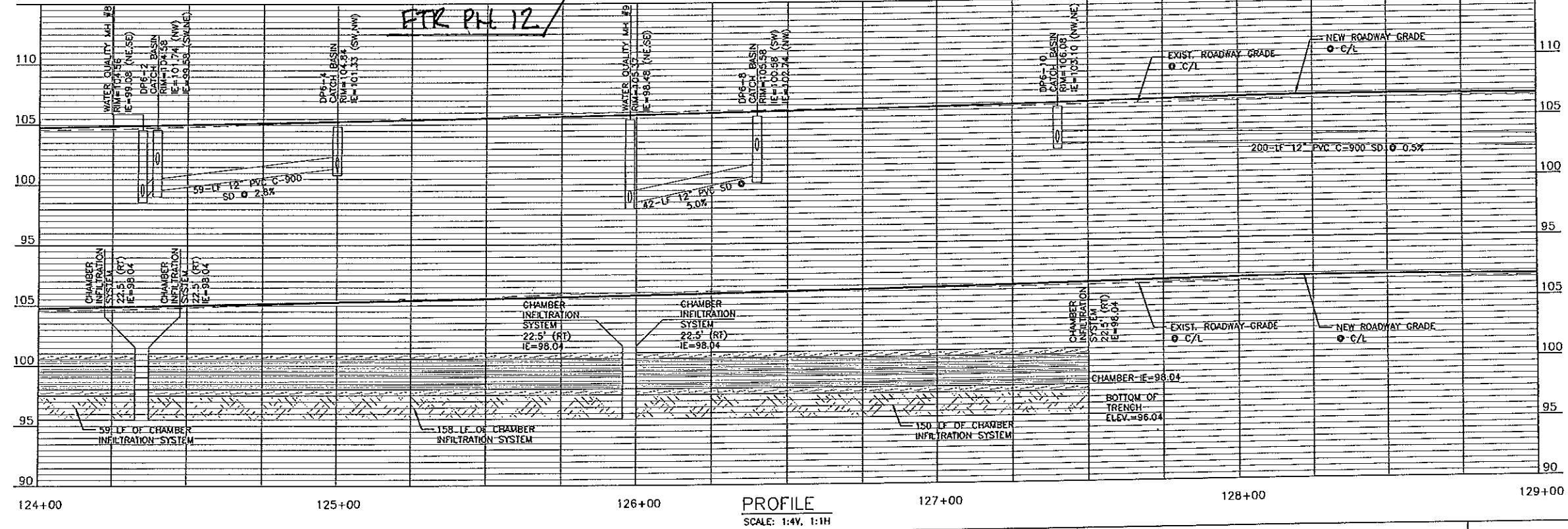
(7 OF 10)

FILENAME	DP-00C-07.dwg	SHEET	DP7
SCALE	1"=40'		

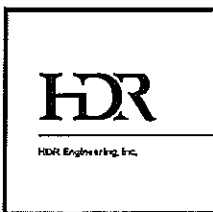
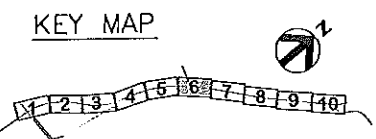


- GENERAL NOTES:**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.
 2. SEE CITY OF ARLINGTON STORM DRAINAGE NOTES ON SHEET SD1.
 3. ALL CATCH BASINS ARE TYPE 1 UNLESS OTHERWISE NOTED ON PLANS.
 4. INSTALL CATCH BASIN INLET PROTECTION TO ALL PROPOSED CATCH BASINS DURING CONSTRUCTION. SEE DETAIL ON SHEET SPD1.

- (X) DRAINAGE NOTES**
1. POROUS ASPHALT TRAIL
 2. FISH PASSABLE CULVERT, SEE DETAILS ON SHEETS FP1-FP3
 3. INFILTRATION TRENCH, SEE DETAIL ON SHEET SD1.
 4. HYDRODYNAMIC SEPARATING WATER QUALITY MANHOLE, SEE DETAIL ON SHEET SD1
 5. COORDINATE AND/OR RESTORE IMPACTED UTILITY LINES. FIELD VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 6. REMOVE EXISTING STORM DRAINAGE FEATURES
 7. ABANDON EXISTING STORM DRAINAGE FEATURES
 8. CATCH BASIN TYPE 2, SEE DETAIL ON SHEET SD2
 9. CONCRETE INLET, SEE DETAIL ON SHEET SD2
 10. SECTIONAL CHAMBER INFILTRATION SYSTEM IN 6.3-FOOT WIDE TRENCH, SEE DETAIL ON SHEET SD3. OFFSETS GIVEN ARE TO CENTERLINE OF EACH SYSTEM. PROVIDE 24-INCH DEEP LAYER OF TREATMENT LINER AMENDED SOIL UNDER TRENCH.
 11. ADJUST EXISTING CATCH BASIN OR MANHOLE RIM TO FINISHED GRADE.
 12. OBSERVATION WELL STORM DRAIN CLEANOUT, SEE DETAIL ON SHEET SD2



2030-3P0A0KQ
 FRONTIER POTHOLES
 67th AVE ROAD MOVE
 LEBENON to 211th
 SHT 5 of 5



PROJECT MANAGER	
PROJECT NUMBER	000000110731
ISSUE	DATE
	DESCRIPTION



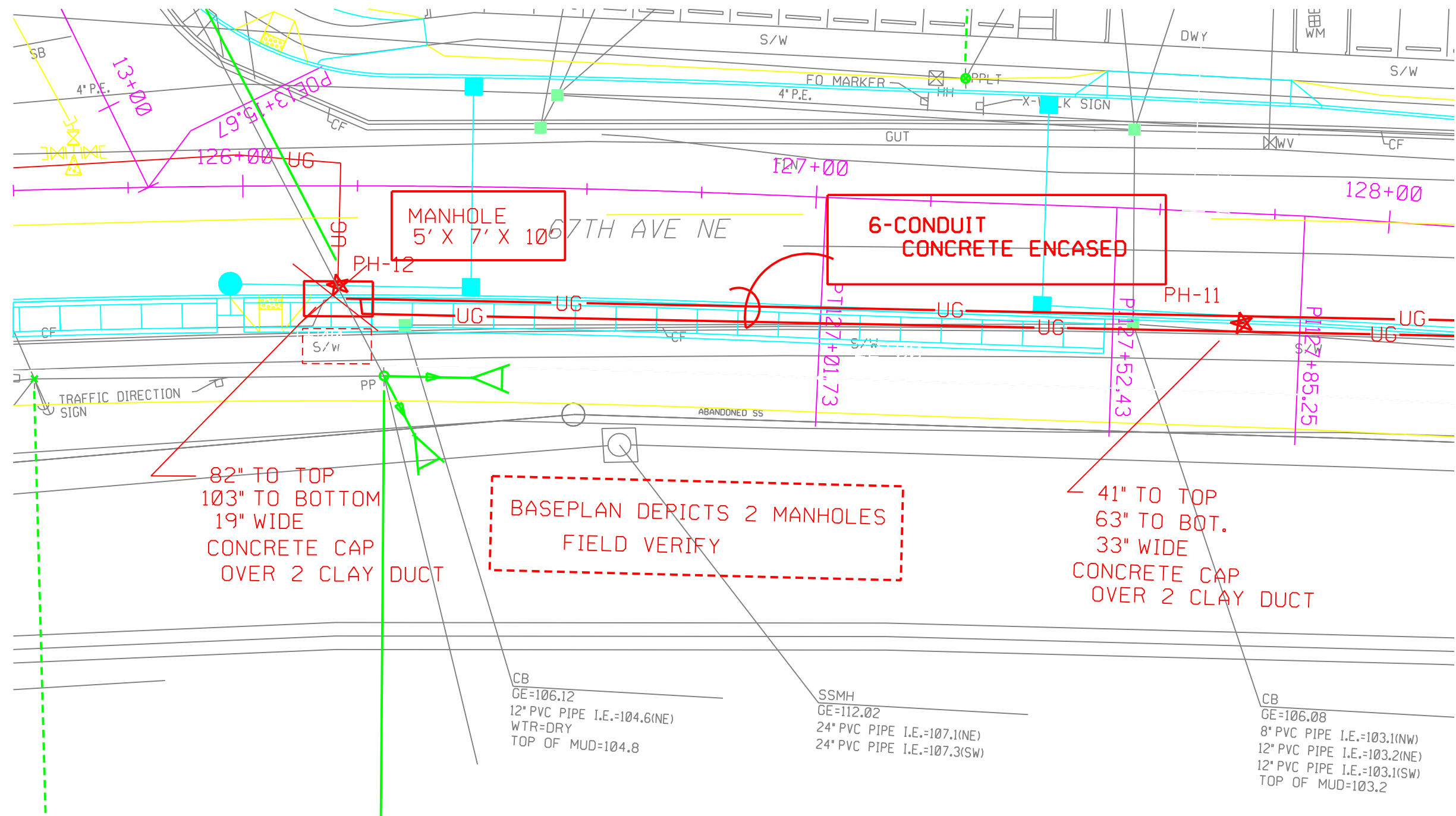
CITY OF ARLINGTON
 67th AVENUE PHASE III
 RECONSTRUCTION PROJECT

DRAINAGE PLAN AND PROFILE

(6 OF 10)

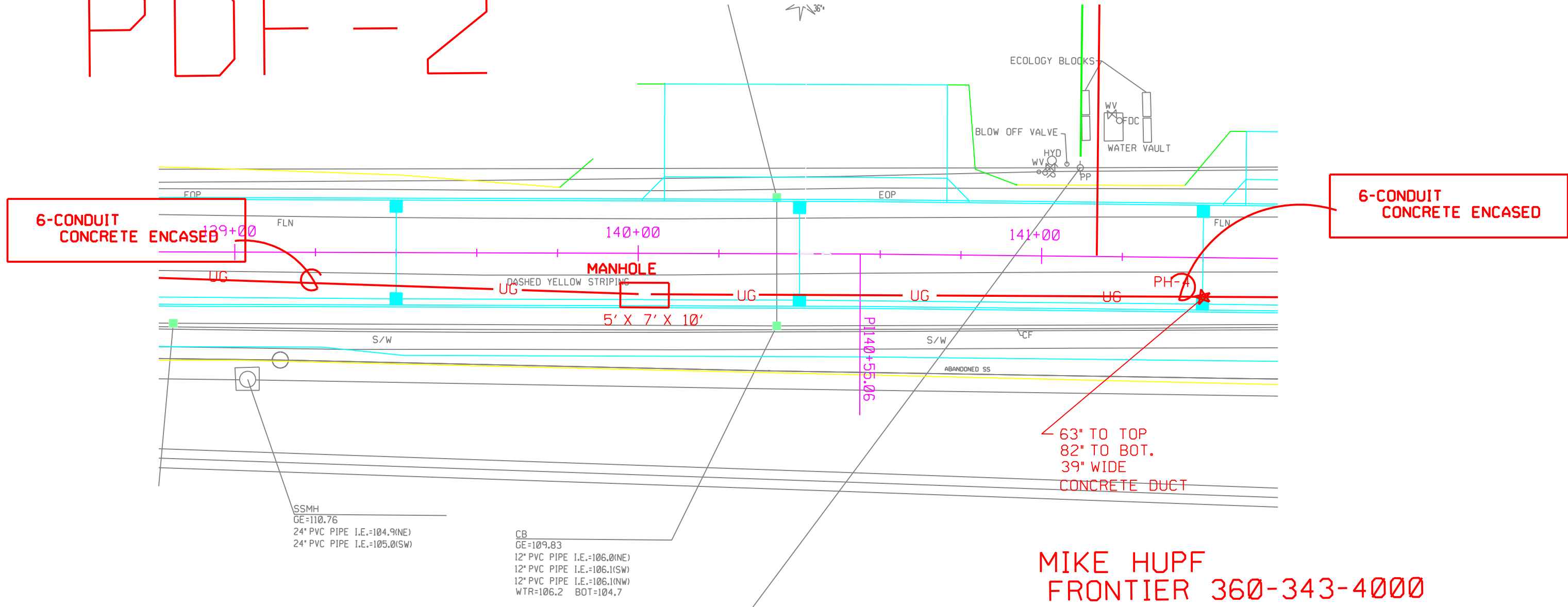
FILENAME	DP-00C-D6.dwg	SHEET	DP6
SCALE	1"=40'		

PODF-1



MIKE HUPF
FRONTIER 360-343-4000

PDF-2



PDF-3

FTR NUM = P21
NO ANCHOR ?
ST LIGHT

2:801-808+1XD+810-850
AEF1-24

AERAIL X-ING
1XD+2:802-808+1XD+810-815+
2XD+818-825+25XD
AE-IM50-26

2:801-808+1XD+810-850
AE-IM50-26

#5553
6778
2P3792
SPLICE
33+85

RE-LOCATE

1XD+2:802-808+1XD+
AE-IM50-26

6-CONDUIT
CONCRETE ENCASED

LOCATE MANHOLE
STORM DRAIN ?

129' N OF POLE

37' EAST

PH-2

145+00

145+00

147+00

148+00

PH-1

145+00

145+00

147+00

148+00

2:801-808+1XD+810-850
AEF1-24

2 4" PVC-DB

MANHOLE

PH-1

MH5

MH6

32+15

5' X 7' X 10'

1XD+2:802-808+1XD+810-815
2XD+818-825+25XD
AE-IM50-26

6-CONDUIT
CONCRETE ENCASED

42" TO TOP
64" TO BOT.
30" WIDE
CONCRETE DUCT

42" TO TOP
62" TO BOT.
22" WIDE
CONCRETE DUCT

MISSED THIS ON FIELD REVIEW

FTR NUM P37

MIKE HUPF
FRONTIER 360-343-4000

APPENDIX G

FRANCHISE UTILITY DRAWINGS

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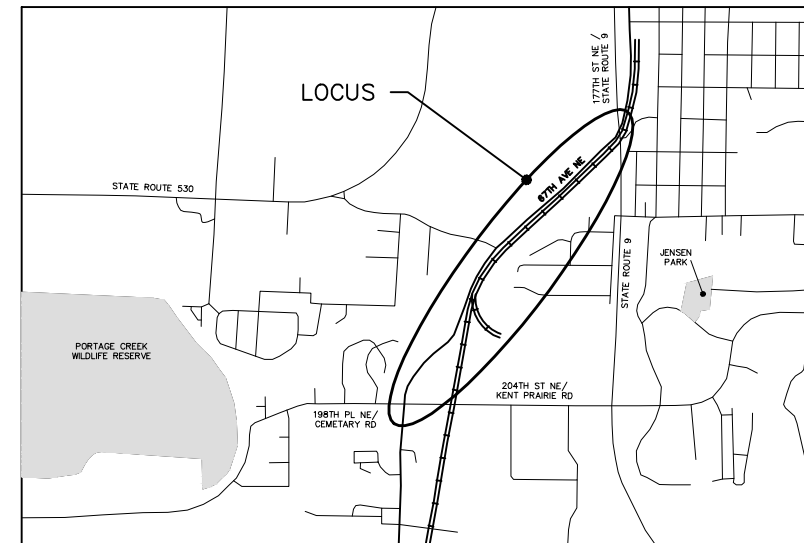
PROJECT NO.: 8613972
CLLI CODE: BLANWAU0010
SPECIFICATION: WR 34105

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WESTERN TERRITORY LIGHTGUIDE PROJECTS

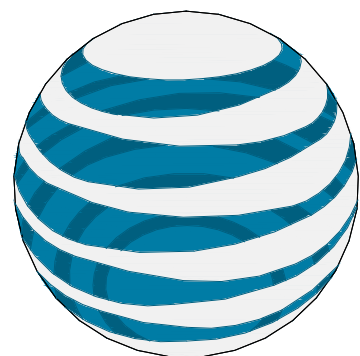
WHALLEY, B.C. TO EVERETT, WA LIGHTGUIDE SYSTEM

67TH AVENUE NE

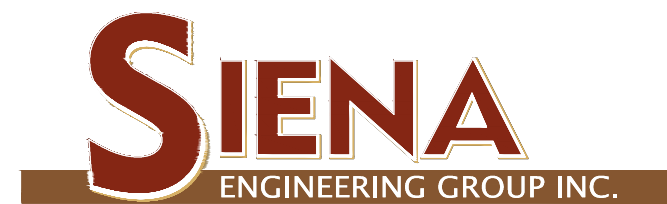
CABLE RELOCATION PLAN
ARLINGTON, WA
BID ISSUE
JULY 19, 2012

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50 Mall Road, Suite 203, Burlington, MA 01803
p 781.221.8400 f 781.221.7117

LIST OF DRAWINGS

PT001 PT002 WR-34105-236 TO 239 DN001 - DN020 PP001 - PP020 DT001 - DT002 DT003 DT004 DT005 DT006 - DT007 DT008 - DT015 DT016	COVER LIST OF DRAWINGS LEGEND CABLE RECORD PLANS CABLE RELOCATION PLANS PLAN AND PROFILES CABLE PULLING DIAGRAM CONCRETE MANHOLE DETAIL - 38Y-SHORT CONCRETE MANHOLE DETAIL - 444-LA TYPICAL MANHOLE GROUNDING DETAILS TYPICAL TRENCH DETAILS BUTTERFLY DIAGRAMS MANHOLE ARRANGEMENT DETAILS
--	--

REVISIONS:
 1. JULY 19, 2012 BID ISSUE

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PREPARED FOR RECORD

APPROVED FOR	ENGINEER	DATE
OUTSIDE PLANT		



PROPRIETARY

USE PURSUANT TO COMPANY INSTRUCTIONS

SPECIFICATION WR-34105

PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD

LINE CODE:

CABLE CLLI: BLANWU0010

SCALE:

67TH AVENUE NE
 WHALLEY, BC
 TO EVERETT, WA

LIST OF DRAWINGS

PT001

PLANIMETRIC SYMBOL LEGEND

	UTILITY POLE W/LIGHT		TELEPHONE MANHOLE		SHRUBBERY
	POWER POLE		WATER METER		CONIFER TREE
	UTILITY POLE ANCHOR		2-NOZZLE FIRE HYDRANT		DECIDUOUS TREE
	PAD MOUNTED TRANSFORMER		WATER GATE		YARD LIGHT
	TRANSMISSION TOWER		SEWER MANHOLE		WETLAND
	POWER VAULT		DRAIN MANHOLE		EXISTING AT&T SPLICE MANHOLE
	GAS METER		CATCH BASIN		PROPOSED AT&T SPLICE MANHOLE
	GAS VALVE		MAIL BOX		PROPOSED AT&T MANHOLE
	TELEPHONE RISER		SIGN		PROPOSED CITY OF ARLINGTON MANHOLE
	TELEPHONE VAULT				

PLANIMETRIC ABBREVIATIONS LEGEND

	PROP. DMH	PROPOSED DRAIN MANHOLE
	PROP. SMH	PROPOSED SEWER MANHOLE
	PROP. S.W.	PROPOSED SIDEWALK
	PROP. E.O.P.	PROPOSED EDGE OF PROPOSED PAVEMENT
	48"	DEPTH AT EXISTING GRADE (PROFILE VIEW ONLY)
	(48")	DEPTH AT PROPOSED GRADE (PROFILE VIEW ONLY)

LINETYPE LEGEND

EXISTING UTILITIES		PROPOSED UTILITIES		EXISTING SURFACE FEATURES		AT&T CONDUIT	
	BURIED ELECTRIC LINE		PROPOSED BURIED ELECTRIC LINE		RAILROAD TRACKS		EXISTING CONDUIT
	OVERHEAD ELECTRIC LINE		PROPOSED SANITARY SEWER LINE		DITCH		EXISTING CONDUIT (TO BE ABANDONED)
	BURIED TELEPHONE LINE		PROPOSED STORM DRAIN LINE		VEGETATION LINE		PROPOSED BURIED CONDUIT
	OVERHEAD TELEPHONE LINE		PROPOSED WATER LINE		TREE LINE		PROPOSED CITY OF ARLINGTON BURIED CONDUIT
	BURIED CABLE TV LINE				GUARD RAIL		
	OVERHEAD CABLE TV LINE				FENCE		
	SANITARY SEWER LINE				UNPAVED DRIVEWAY		
	STORM DRAIN LINE				UNPAVED ROAD		
	WATER LINE						
	GAS LINE						

ROADWAY IMPROVEMENTS	
	EXISTING RIGHT OF WAY
	EXISTING PROPERTY LINE
	PROPOSED ROADWAY CENTERLINE
	PROPOSED RIGHT OF WAY
	PROPOSED EASEMENT

SIENA ENGINEERING GROUP, INC.
 C:\temp\AcPublish_5196\12-70600 67th Avenue Bid Issue.dwg
 Jul 19, 2012 - 8:52am by jconnor

REVISIONS:
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PREPARED FOR RECORD

APPROVED FOR OUTSIDE PLANT	ENGINEER	DATE
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PROPRIETARY
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 SPECIFICATION WR-34105
 PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
 LINE CODE:
 CABLE CLLI: BLANWAW0010

SCALE:

67TH AVENUE NE
 WHALLEY, BC
 TO EVERETT, WA

LEGEND

PT002

REVISIONS:
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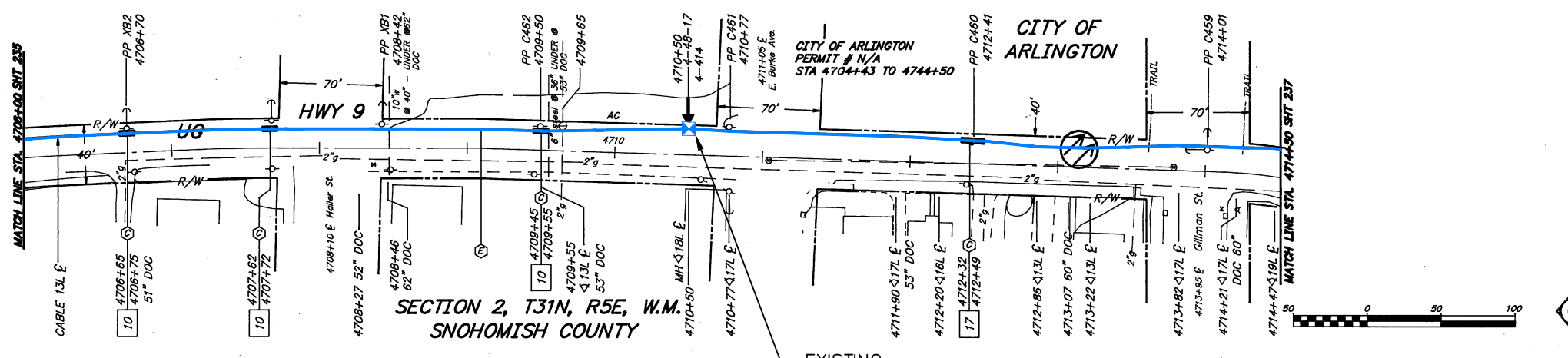
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWU0010
SCALE: 1" = 100'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

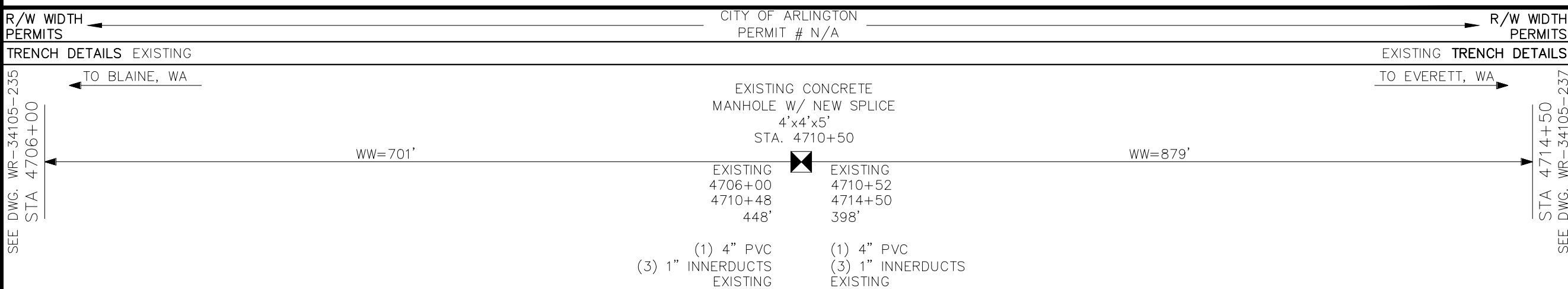
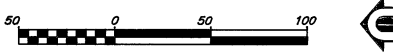
CABLE RECORD
PLAN

WR-34105-237



NOTE:
CABLE CROSSES
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NOTED.

EXISTING
CONCRETE MANHOLE W/ NEW SPLICE
4'x4'x5'
STA. 4710+50



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 Edited: July 19, 2012 - 8:41 AM
 Plotted: July 19, 2012 - 8:52 AM by Joseph connor - Siema.ctb

SEE DWG. WR-34105-235
 STA 4706+00

STA 4714+50
 SEE DWG. WR-34105-237

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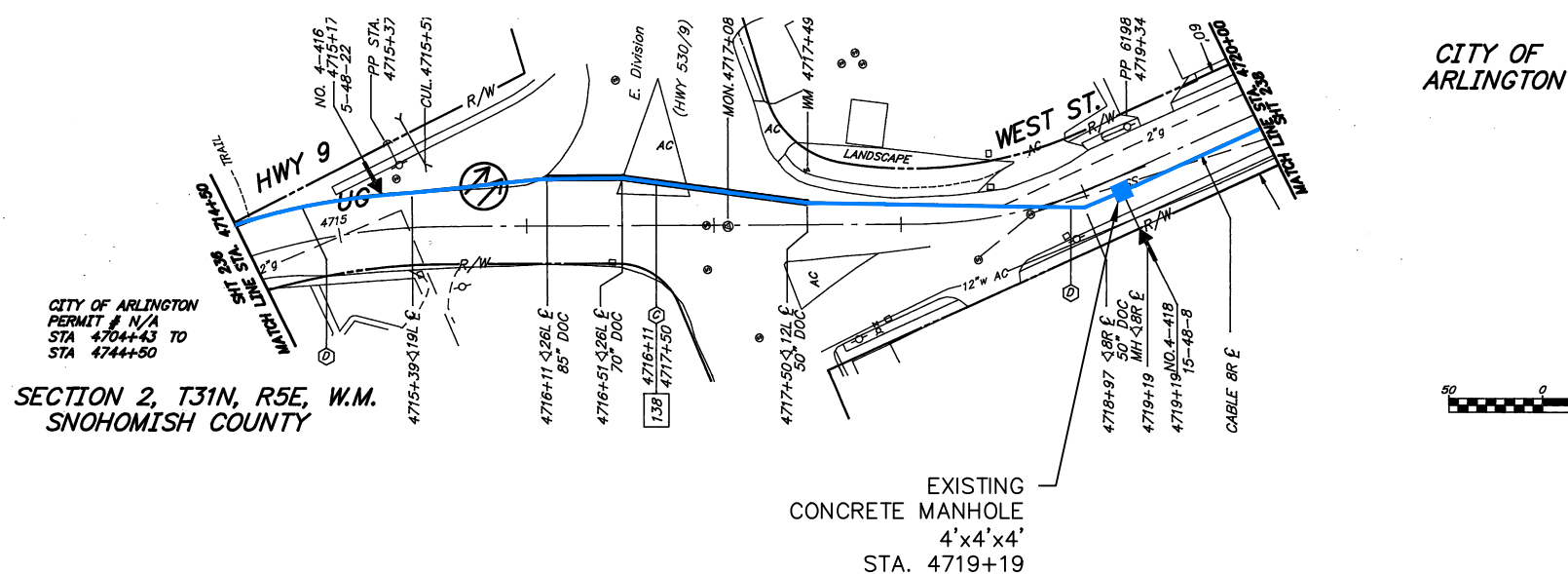
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWAW0010
SCALE: 1" = 100'

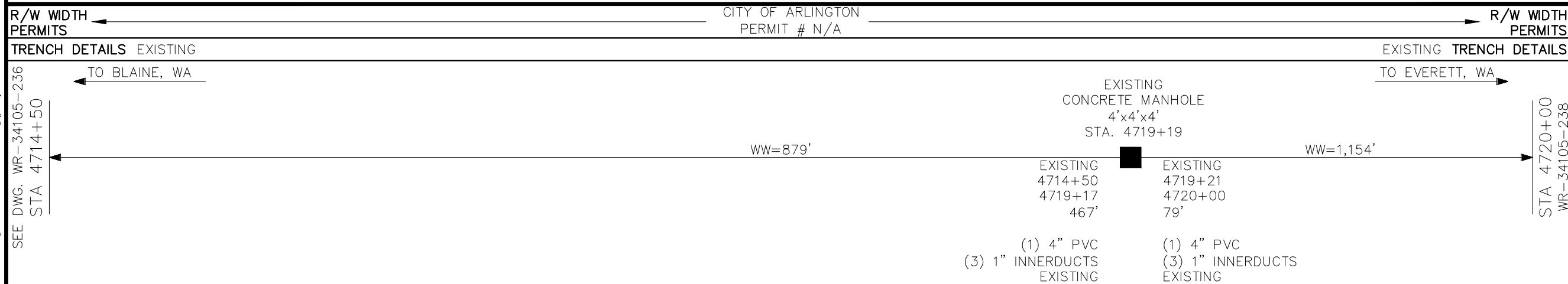
67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

CABLE RECORD
PLAN

WR-34105-237



NOTE:
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 STA 4714+50
 STA 4720+00
 WR-34105-238

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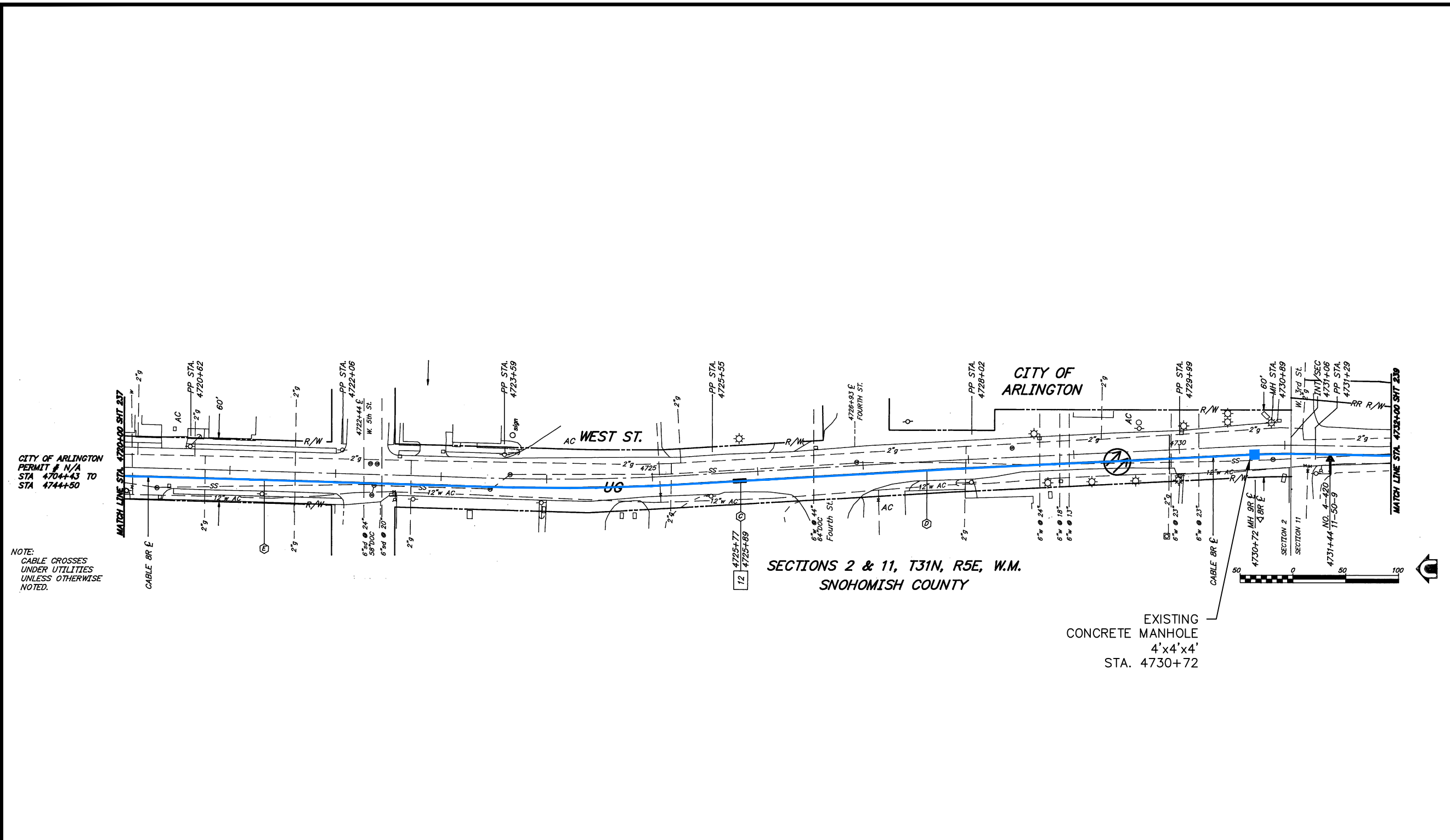
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SPECIFICATION WR-34105
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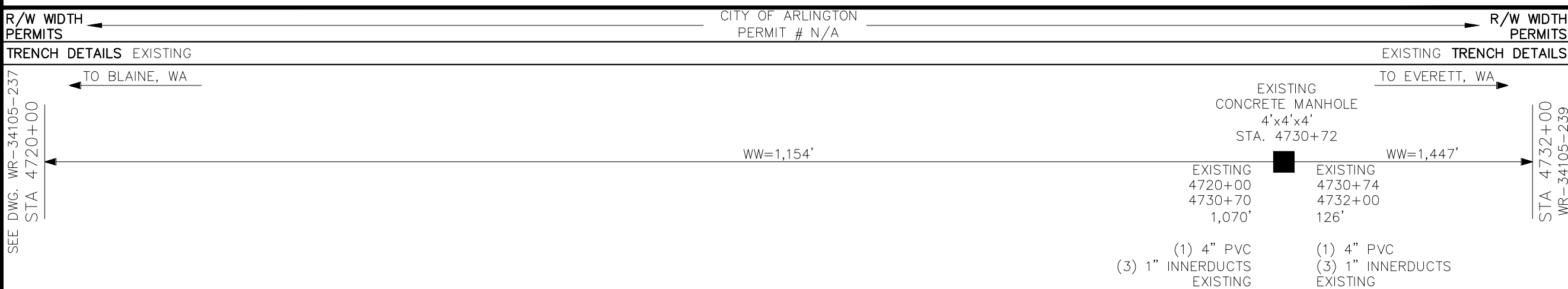
67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

CABLE RECORD
PLAN

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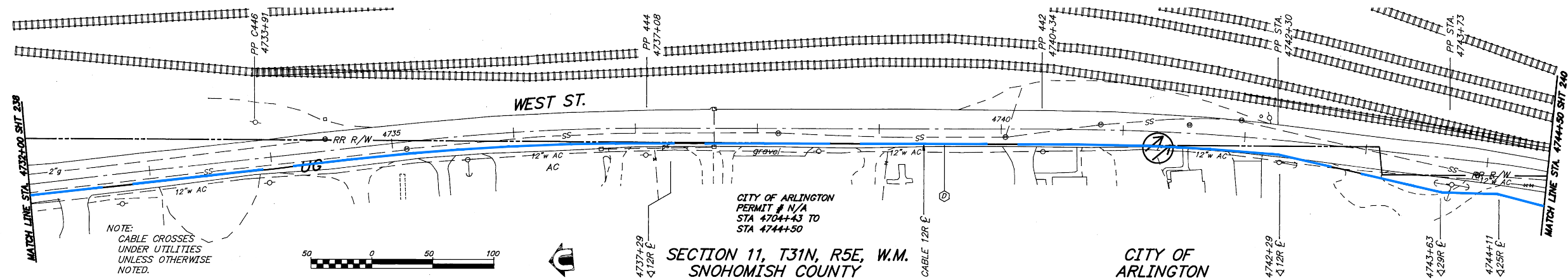
PROPRIETARY
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SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
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SCALE: 1" = 100'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

CABLE RECORD
PLAN

WR-34105-239

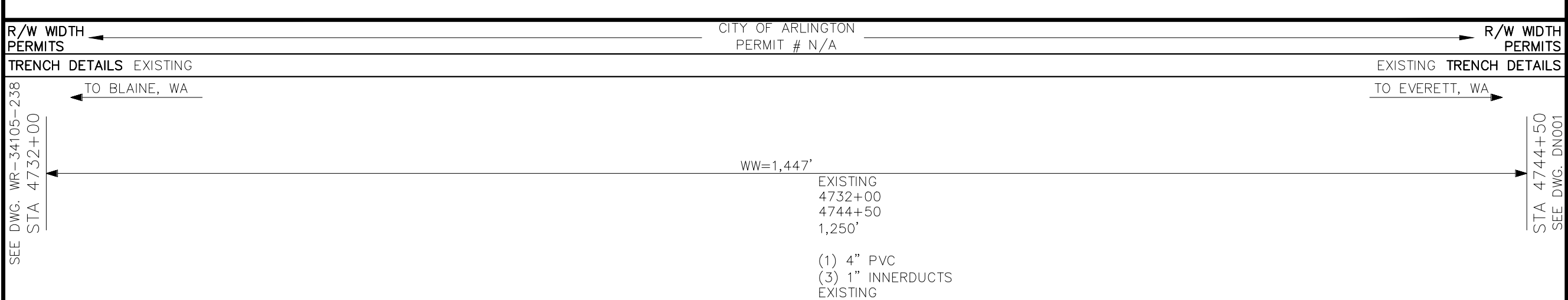


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NOTED.



CITY OF ARLINGTON
PERMIT # N/A
STA 4704+43 TO
STA 4744+50
SECTION 11, T31N, R5E, W.M.
SNOHOMISH COUNTY

CITY OF
ARLINGTON



R/W WIDTH PERMITS
TRENCH DETAILS EXISTING

CITY OF ARLINGTON
PERMIT # N/A

R/W WIDTH PERMITS
EXISTING TRENCH DETAILS

TO BLAINE, WA

TO EVERETT, WA

SEE DWG. WR-34105-238
STA 4732+00

STA 4744+50
SEE DWG. DN001

WW=1,447'

EXISTING
4732+00
4744+50
1,250'

(1) 4" PVC
(3) 1" INNERDUCTS
EXISTING

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SPECIFICATION WR-34105
PROJECT NUMBER 8613972

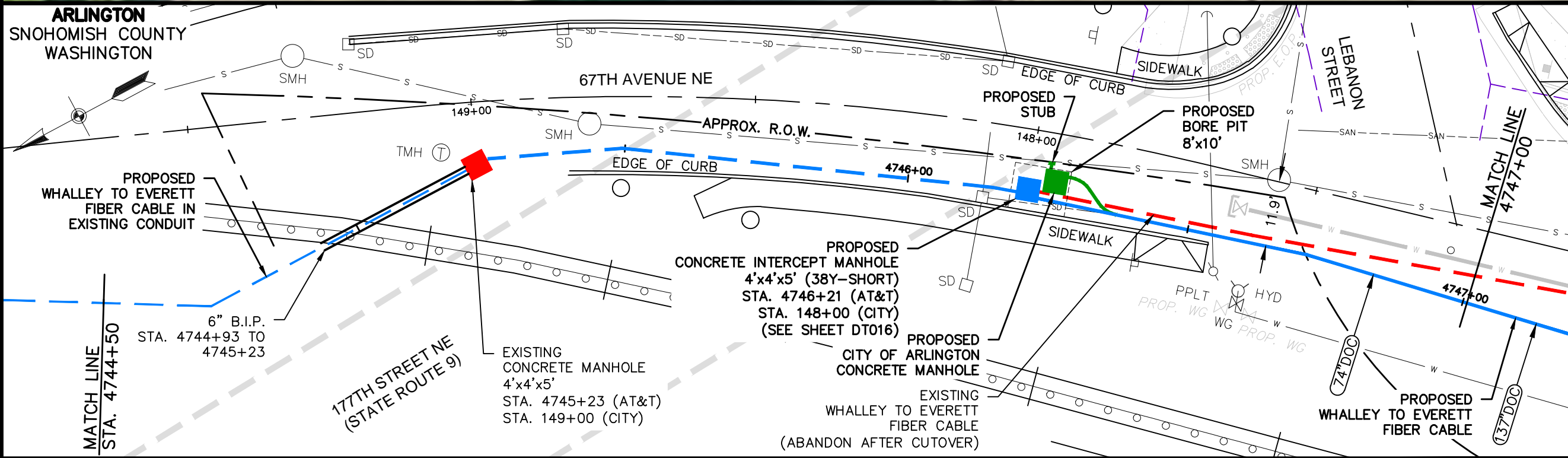
OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWU0010

SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

CABLE RELOCATION
PLAN

DN001



TRENCH DETAILS		EXISTING		A		BORE		BORE TRENCH DETAILS	
TO BLAINE, WA		4744+93		4745+23		4746+21		TO EVERETT, WA	
EXISTING		EXISTING		EXISTING		2" HDPE		EXISTING	
4744+50		4744+93		4745+25		4746+23		4747+00	
4744+93		4745+21		4746+69		77'		77'	
43'		28'		140'					
(1) 4" PVC		(1) 6" B.I.P.		(1) 4" PVC		(3) 2" HDPE (AT&T)		(3) 2" HDPE (CITY)	
(3) 1" INNERDUCTS		(3) 1" INNERDUCTS		(3) 1" INNERDUCTS		BORE		BORE	
EXISTING		EXISTING		EXISTING					

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 Edited: July 19, 2012 - 8:41 AM
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SEE DWG. WR-34105-239
 STA. 4744+50

STA. 4747+00
 SEE DWG. DN002

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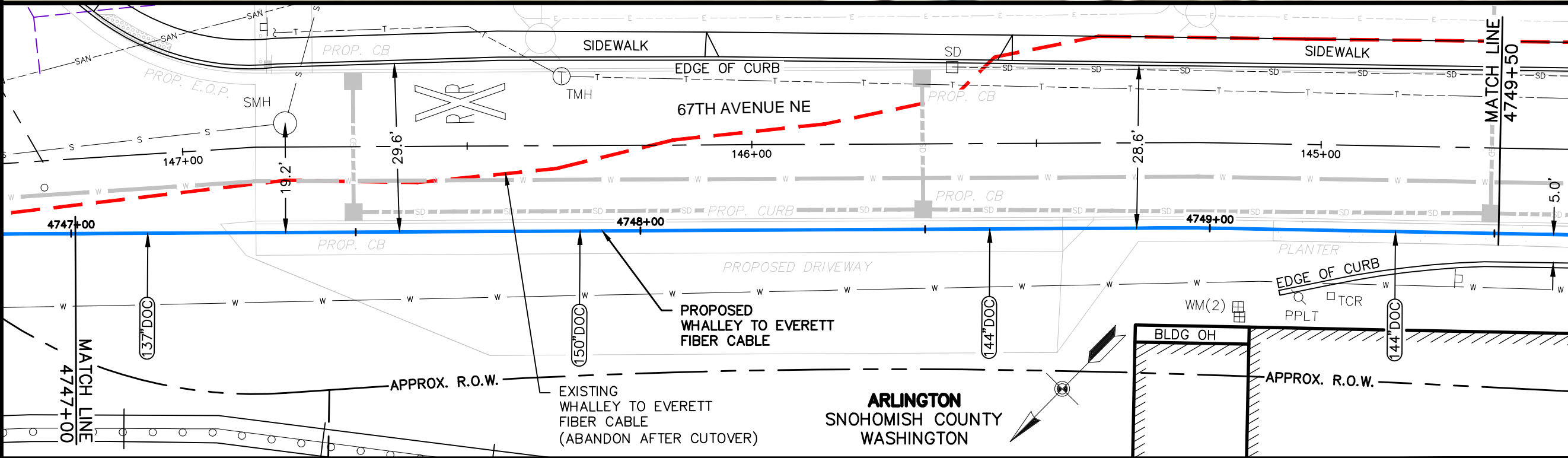
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWU0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

CABLE RELOCATION
PLAN

DN002



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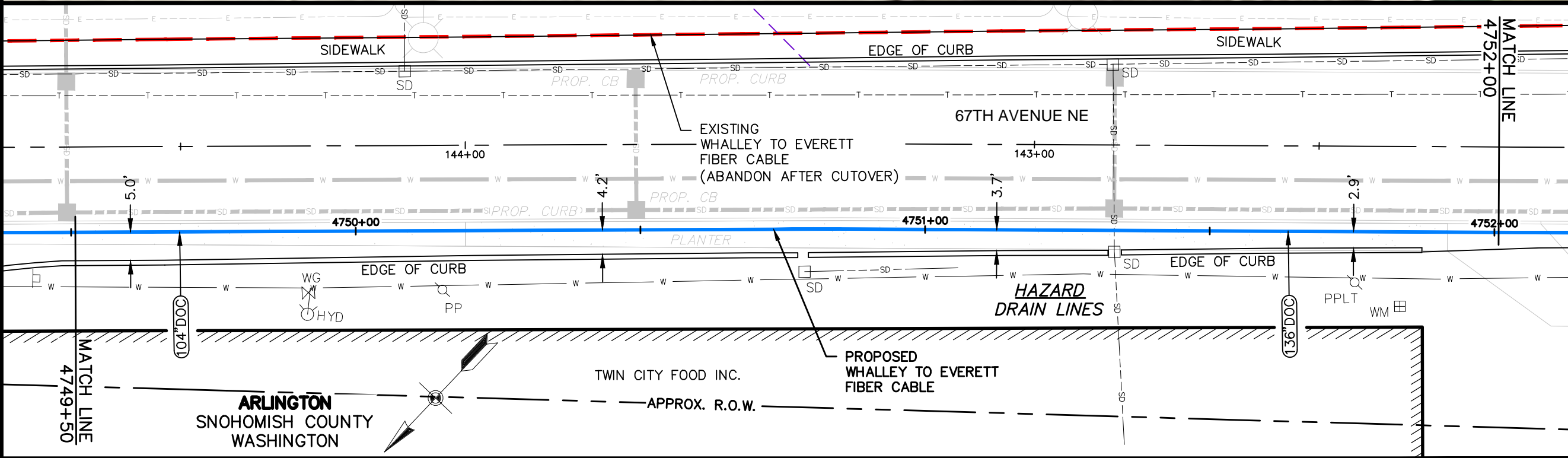
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CABLE CLLI: BLANWAW0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

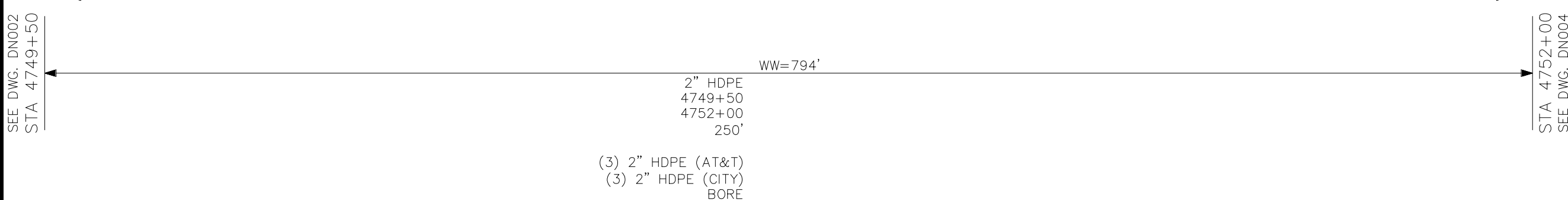
CABLE RELOCATION
PLAN

DN003



R/W WIDTH PERMITS CITY OF ARLINGTON PERMIT # N/A R/W WIDTH PERMITS

TRENCH DETAILS BORE TO BLAINE, WA FOR PROFILE SEE SHEET PP003 TO EVERETT, WA



SIENA ENGINEERING GROUP, INC.
12-70600 67th Avenue Bid Issue.dwg
Edited: July 19, 2012 - 8:41 AM
Plotted: July 19, 2012 - 8:53 AM by Joseph connor - Siena.ctb

REVISIONS:
1. JULY 19, 2012 BID ISSUE

NOTES:
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PREPARED FOR RECORD

APPROVED FOR OUTSIDE PLANT _____ ENGINEER _____ DATE _____



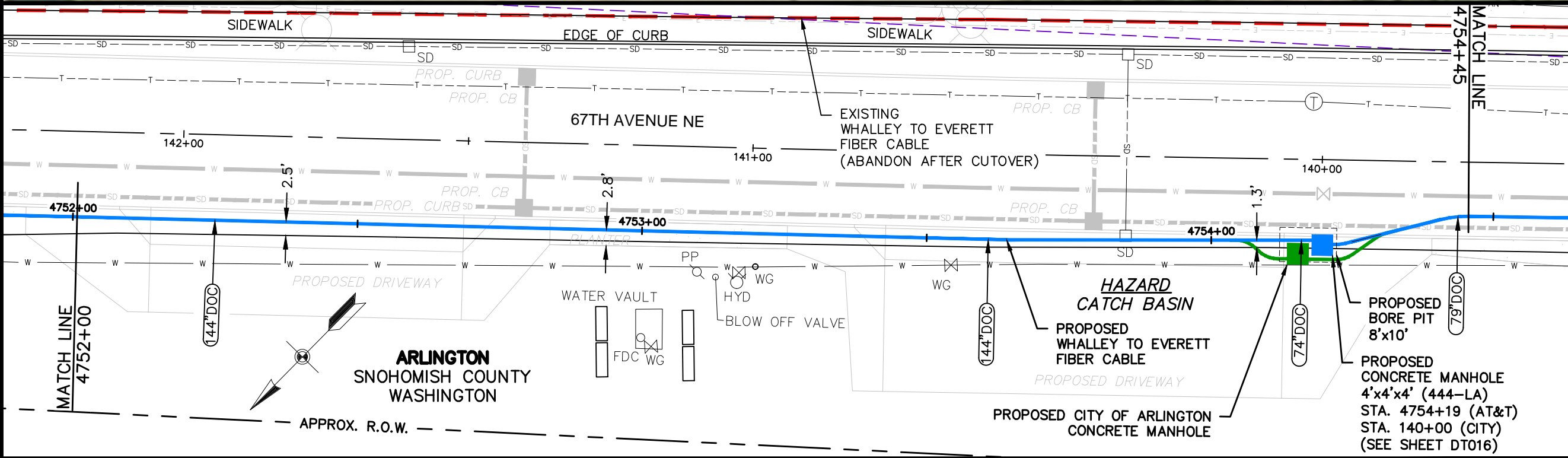
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWU0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

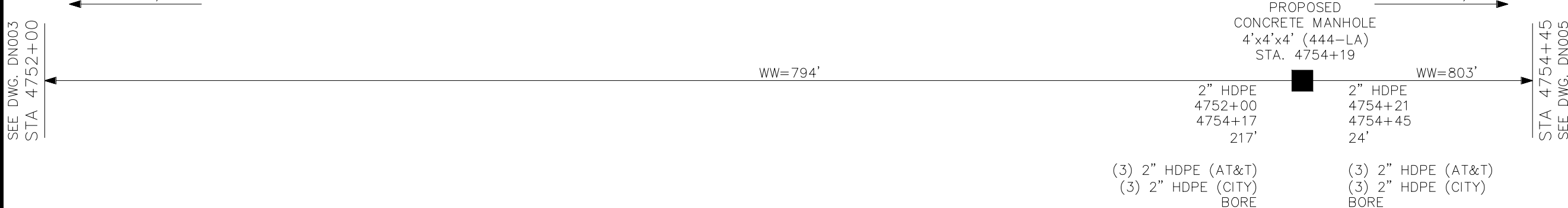
CABLE RELOCATION
PLAN

DN004



R/W WIDTH PERMITS ← CITY OF ARLINGTON PERMIT # N/A → R/W WIDTH PERMITS

TRENCH DETAILS BORE ← TO BLAINE, WA FOR PROFILE SEE SHEET PP004 TO EVERETT, WA BORE TRENCH DETAILS



SIENA ENGINEERING GROUP, INC.
 12-70600 67th Avenue Bid Issue.dwg
 Edited: July 19, 2012 - 8:41 AM
 Plotted: July 19, 2012 - 8:53 AM by Joseph Connor - Siena.ctb

SEE DWG. DN003
 STA 4752+00

STA 4754+45
 SEE DWG. DN005

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APPROVED FOR OUTSIDE PLANT _____ ENGINEER _____ DATE _____



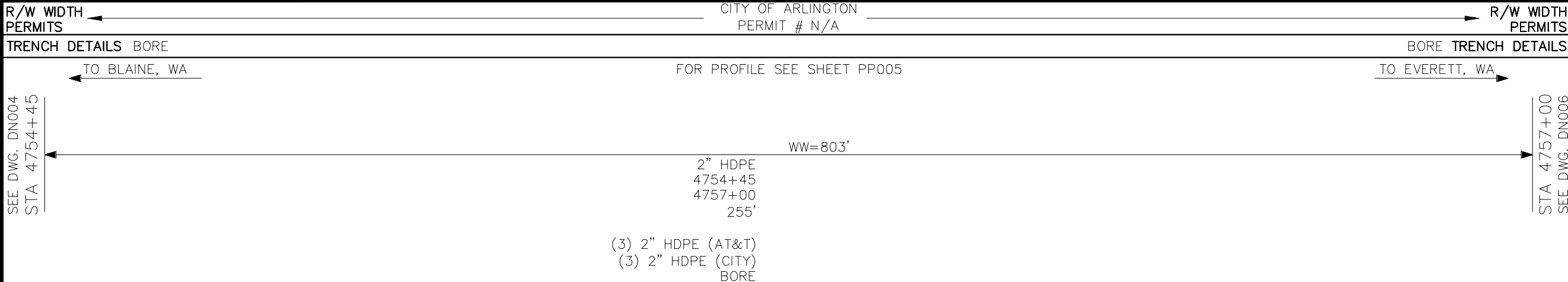
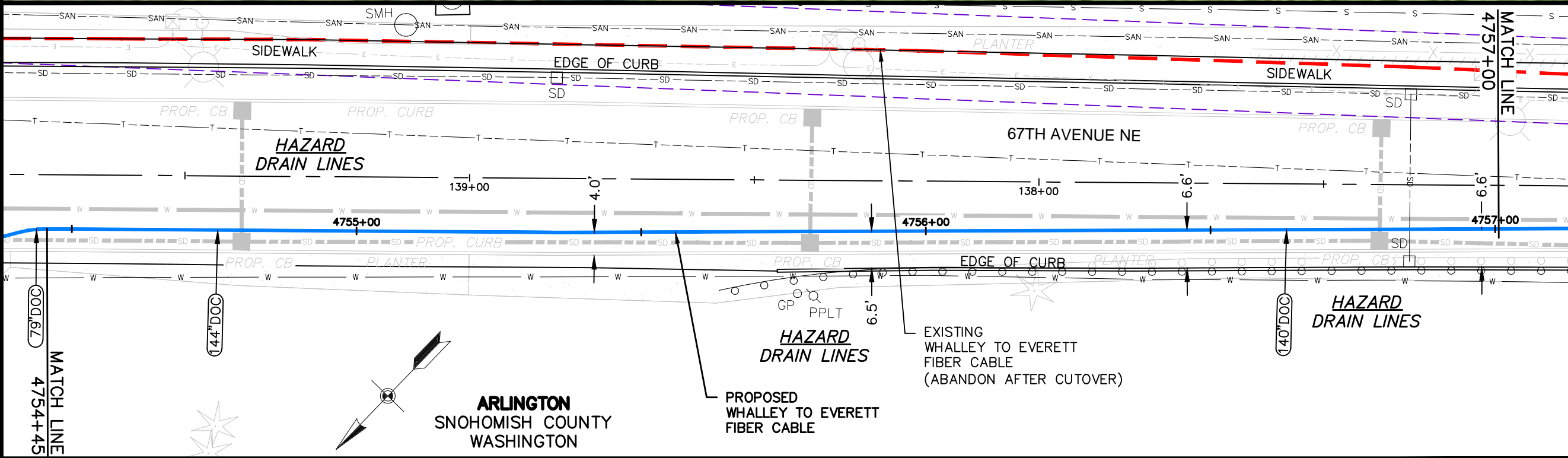
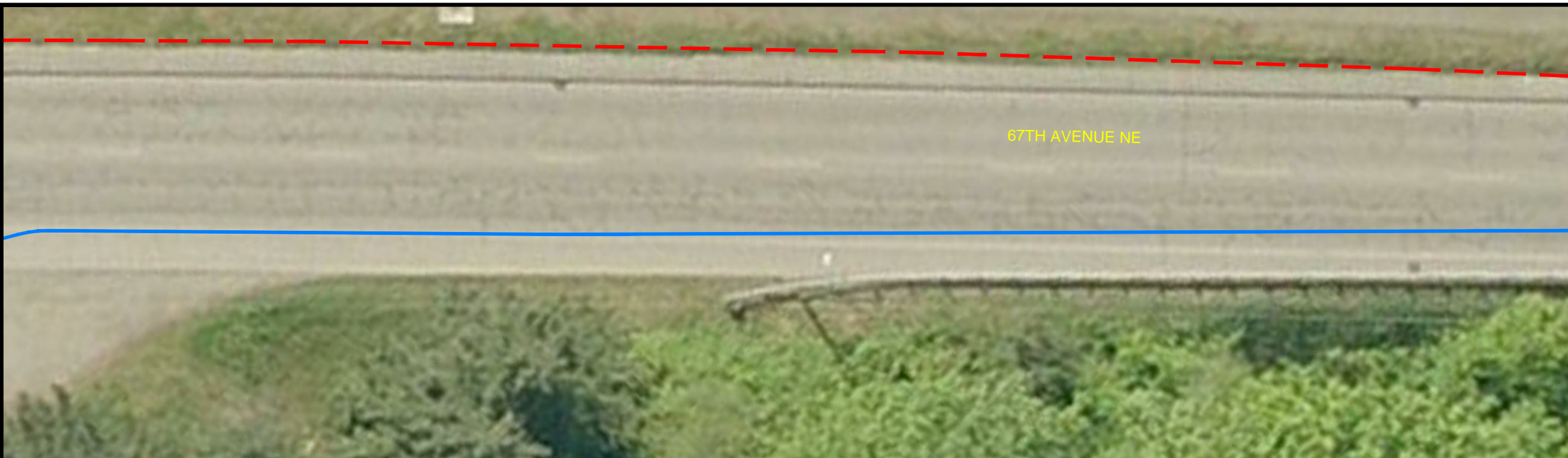
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWAW0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

CABLE RELOCATION
PLAN

DN005



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SEE DWG. DN004
STA 4754+45

STA 4757+00
SEE DWG. DN006

WW=803'
2" HDPE
4754+45
4757+00
255'
(3) 2" HDPE (AT&T)
(3) 2" HDPE (CITY)
BORE

REVISIONS:
1. JULY 19, 2012 BID ISSUE

NOTES:
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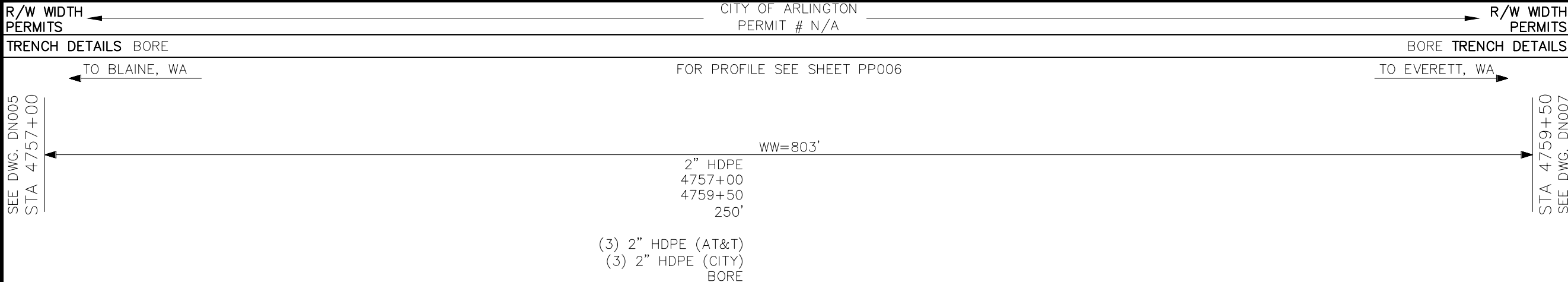
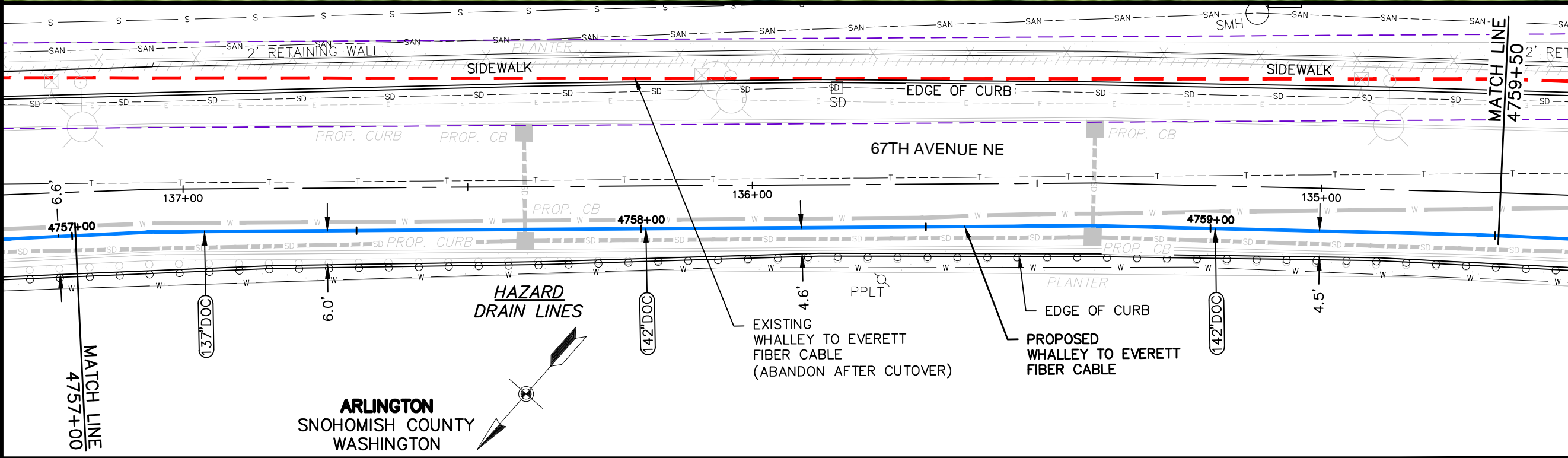
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWU0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

CABLE RELOCATION
PLAN

DN006



SIENA ENGINEERING GROUP, INC.
 12-70600 67th Avenue Bid Issue.dwg
 Edited: July 19, 2012 - 8:41 AM
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SEE DWG. DN005
 STA 4757+00

STA 4759+50
 SEE DWG. DN007

(3) 2" HDPE (AT&T)
 (3) 2" HDPE (CITY)
 BORE

REVISIONS:
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NOTES:
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APPROVED FOR OUTSIDE PLANT _____ ENGINEER _____ DATE _____



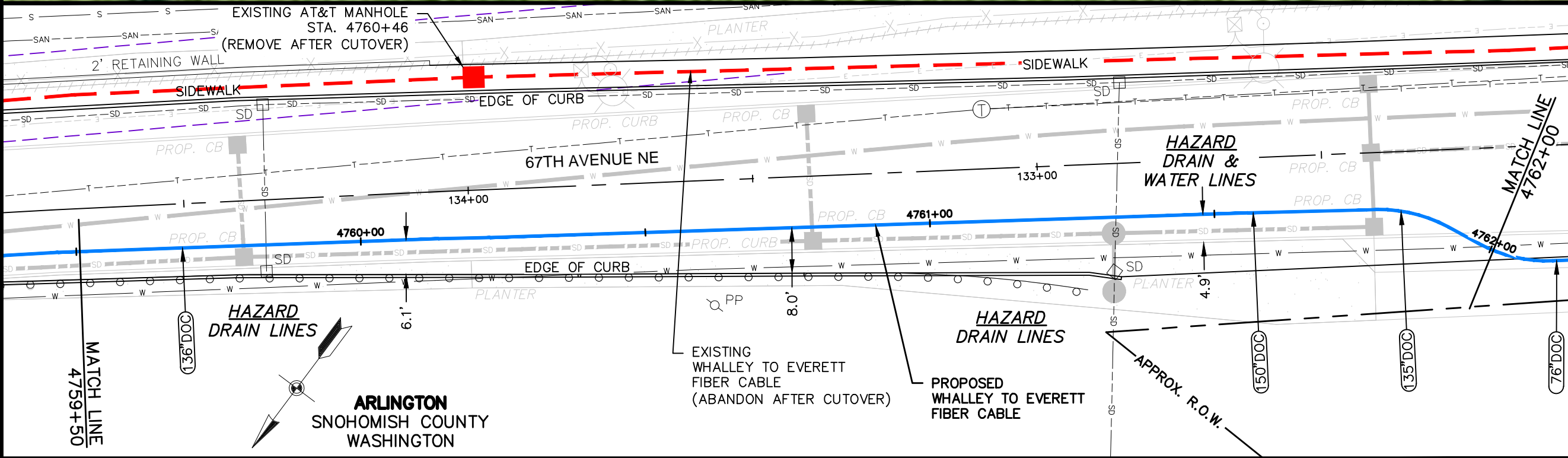
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWU0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

CABLE RELOCATION
PLAN

DN007



R/W WIDTH PERMITS CITY OF ARLINGTON PERMIT # N/A R/W WIDTH PERMITS

TRENCH DETAILS BORE TO BLAINE, WA FOR PROFILE SEE SHEET PP007 TO EVERETT, WA

SEE DWG. DN006 STA 4759+50	WW=803'	STA 4762+00 SEE DWG. DN008
2" HDPE 4759+50 4762+00 250'	(3) 2" HDPE (AT&T) (3) 2" HDPE (CITY) BORE	

SIENA ENGINEERING GROUP, INC.
12-70600 67th Avenue Bid Issue.dwg
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1. JULY 19, 2012 BID ISSUE

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PREPARED FOR RECORD

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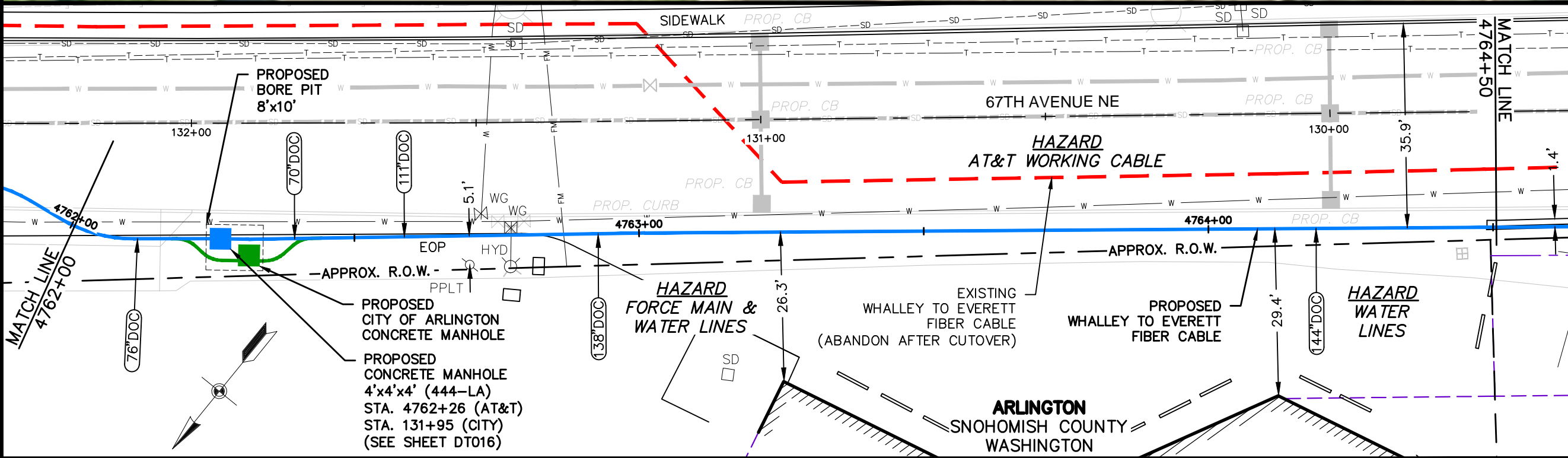
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWAW0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

CABLE RELOCATION
PLAN

DN008



R/W WIDTH PERMITS ← CITY OF ARLINGTON PERMIT # N/A → R/W WIDTH PERMITS

TRENCH DETAILS BORE ← FOR PROFILE SEE SHEET PP008 → BORE TRENCH DETAILS

TO BLAINE, WA	PROPOSED CONCRETE MANHOLE 4'x4'x4' (444-LA) STA. 4762+26	TO EVERETT, WA
WW=803'	WW=977'	
2" HDPE 4762+00 4762+24 24'	2" HDPE 4762+28 4764+50 222'	
(3) 2" HDPE (AT&T) (3) 2" HDPE (CITY) BORE	(3) 2" HDPE (AT&T) (3) 2" HDPE (CITY) BORE	

SIENA ENGINEERING GROUP, INC.
 12-70600 67th Avenue Bid Issue.dwg
 Edited: July 19, 2012 - 8:41 AM
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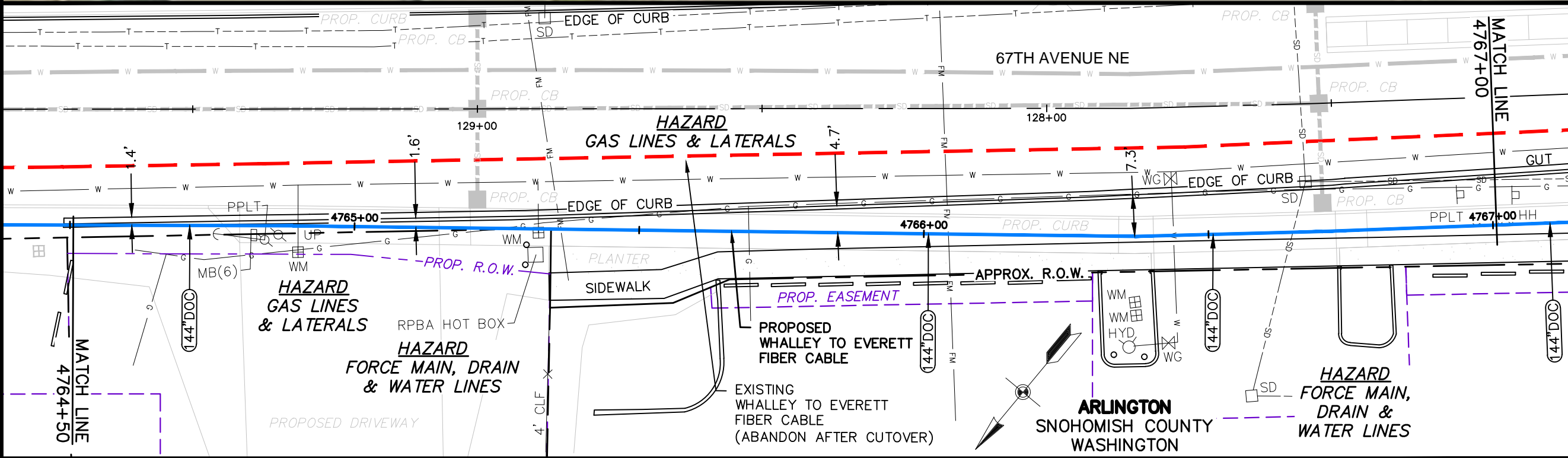
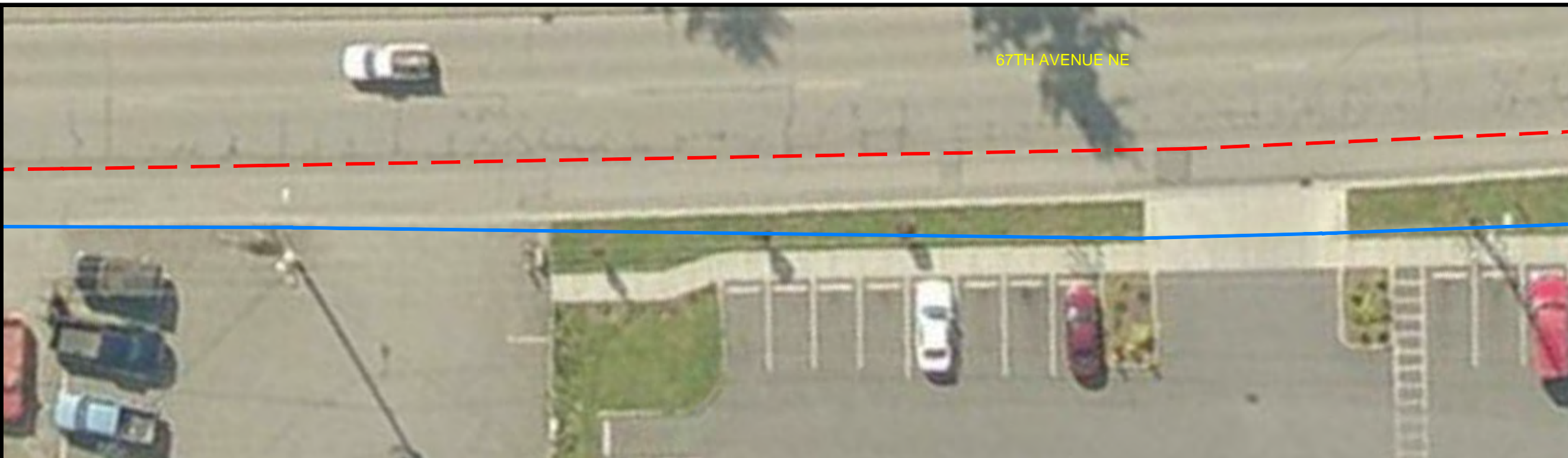
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWU0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

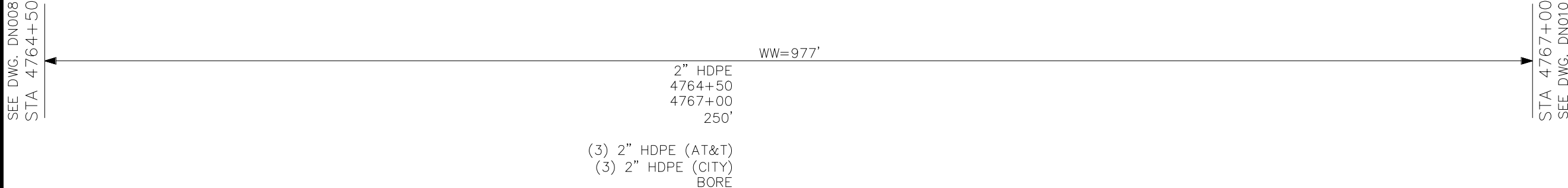
CABLE RELOCATION
PLAN

DN009



R/W WIDTH PERMITS ← CITY OF ARLINGTON PERMIT # N/A → R/W WIDTH PERMITS

← TO BLAINE, WA FOR PROFILE SEE SHEET PP009 TO EVERETT, WA



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SEE DWG. DN008
 STA 4764+50

STA 4767+00
 SEE DWG. DN010

REVISIONS:
1. JULY 19, 2012 BID ISSUE

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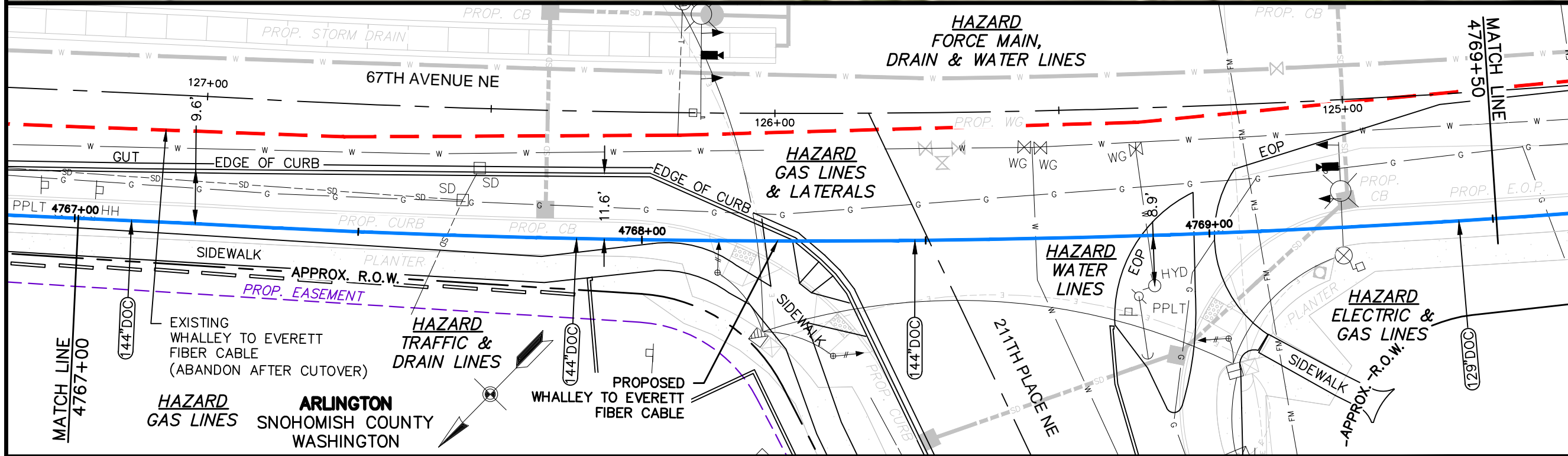
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWU0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

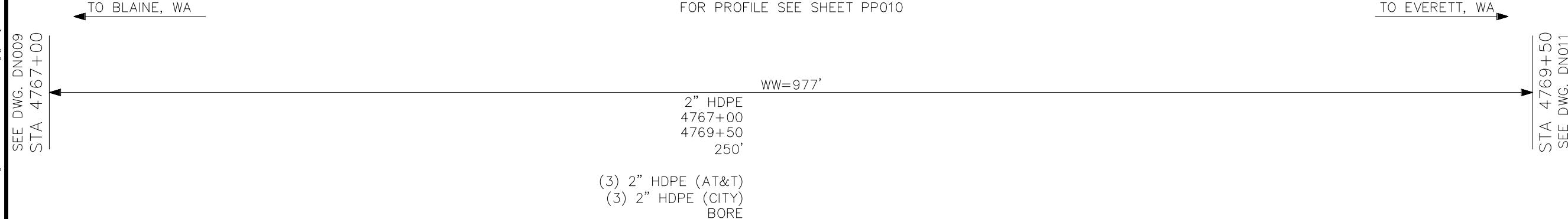
CABLE RELOCATION
PLAN

DN010



R/W WIDTH PERMITS ← CITY OF ARLINGTON PERMIT # N/A → R/W WIDTH PERMITS

TRENCH DETAILS BORE ← TO BLAINE, WA → FOR PROFILE SEE SHEET PP010 → TO EVERETT, WA → BORE TRENCH DETAILS



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SPECIFICATION WR-34105
PROJECT NUMBER 8613972

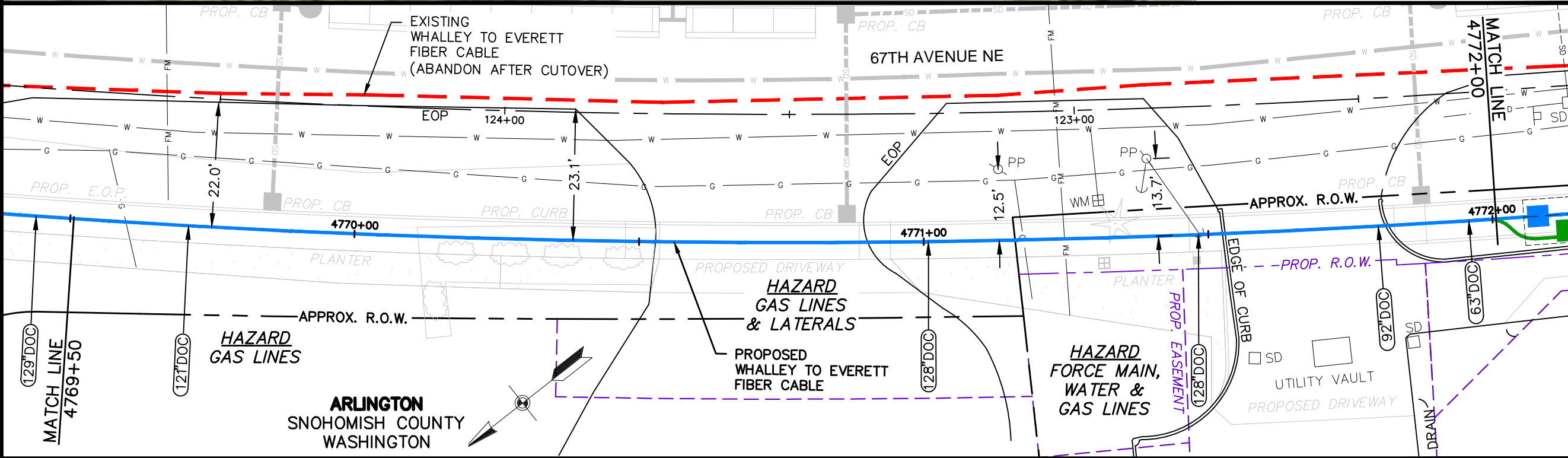
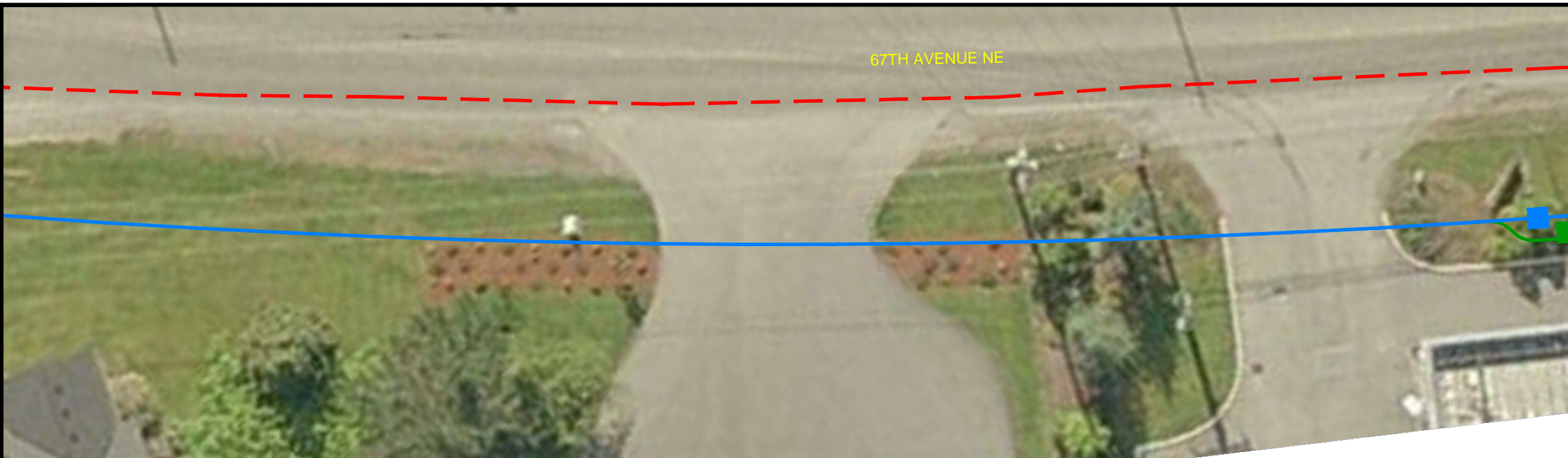
OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWAW0010

SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

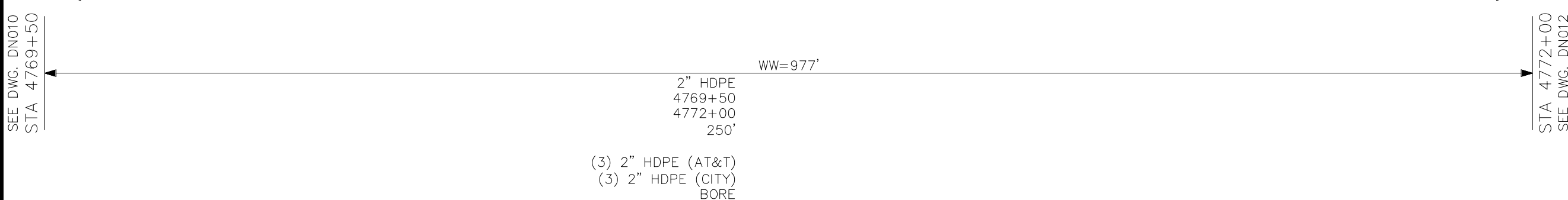
CABLE RELOCATION
PLAN

DN011



R/W WIDTH PERMITS ← CITY OF ARLINGTON PERMIT # N/A → R/W WIDTH PERMITS

TRENCH DETAILS BORE ← TO BLAINE, WA FOR PROFILE SEE SHEET PP011 TO EVERETT, WA BORE TRENCH DETAILS



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SEE DWG. DN010
STA 4769+50

STA 4772+00
SEE DWG. DN012

(3) 2" HDPE (AT&T)
(3) 2" HDPE (CITY)
BORE

REVISIONS:
1. JULY 19, 2012 BID ISSUE

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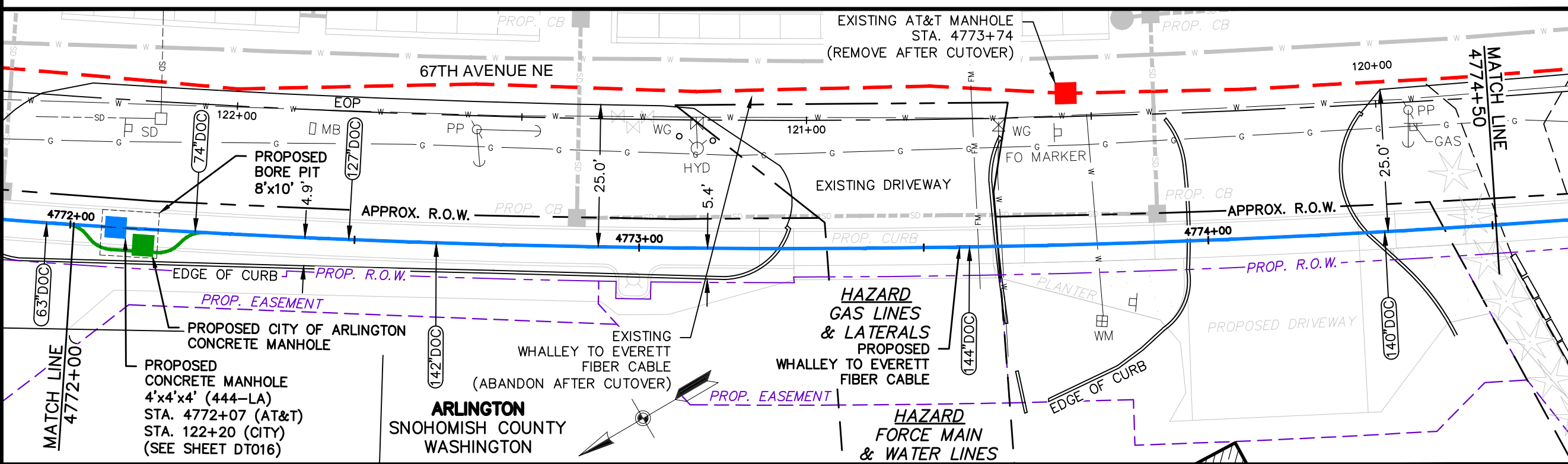
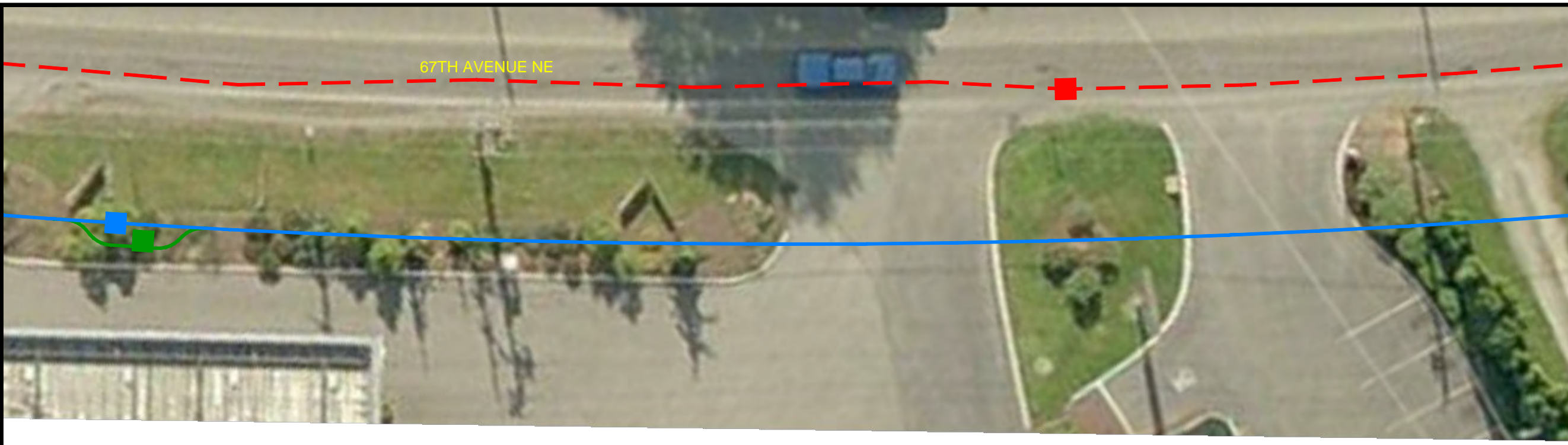
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWU0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

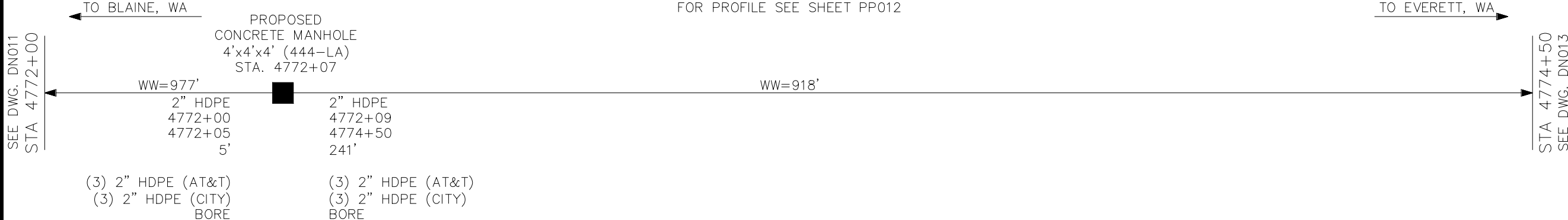
CABLE RELOCATION
PLAN

DN012



R/W WIDTH PERMITS ← CITY OF ARLINGTON PERMIT # N/A → R/W WIDTH PERMITS

TRENCH DETAILS BORE ← FOR PROFILE SEE SHEET PP012 → BORE TRENCH DETAILS



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1. JULY 19, 2012 BID ISSUE

NOTES:
1. SUBSURFACE UTILITY LINES, AS SHOWN HEREON, WERE COMPILED ACCORDING TO AVAILABLE RECORD INFORMATION FROM THE REFERENCED COMPANIES AND PUBLIC AGENCIES, AND THEIR LOCATIONS ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD. SIENA ENGINEERING GROUP ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.



Call before you dig.
Washington Utilities
Coordinating Council
1-800-424-5555

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PREPARED FOR RECORD

APPROVED FOR OUTSIDE PLANT _____ ENGINEER _____ DATE _____



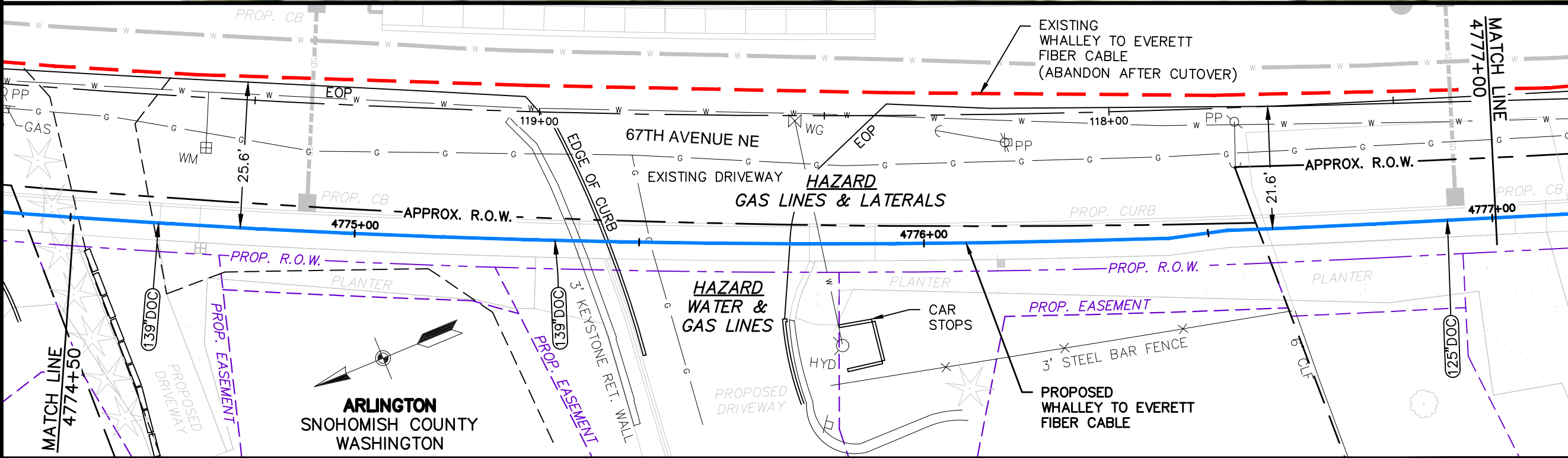
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWU0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

CABLE RELOCATION
PLAN

DN013



R/W WIDTH PERMITS ← CITY OF ARLINGTON PERMIT # N/A → R/W WIDTH PERMITS

TRENCH DETAILS BORE ← TO BLAINE, WA FOR PROFILE SEE SHEET PP013 TO EVERETT, WA BORE TRENCH DETAILS

SEE DWG. DN012 STA 4774+50

2" HDPE 4774+50 4777+00 250'

(3) 2" HDPE (AT&T)
(3) 2" HDPE (CITY)
BORE

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12-70600 67th Avenue Bid Issue.dwg
Edited: July 19, 2012 - 8:41 AM
Plotted: July 19, 2012 - 8:55 AM by Joseph connor - Siena.ctb

STA 4777+00
SEE DWG. DN014

REVISIONS:
1. JULY 19, 2012 BID ISSUE

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PREPARED FOR RECORD

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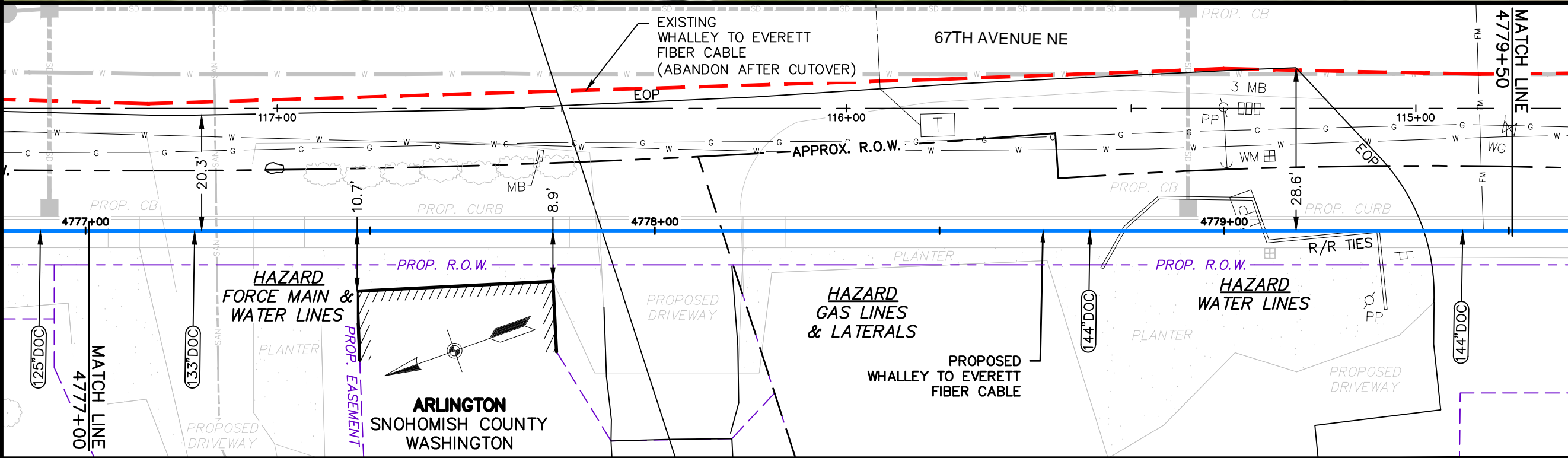
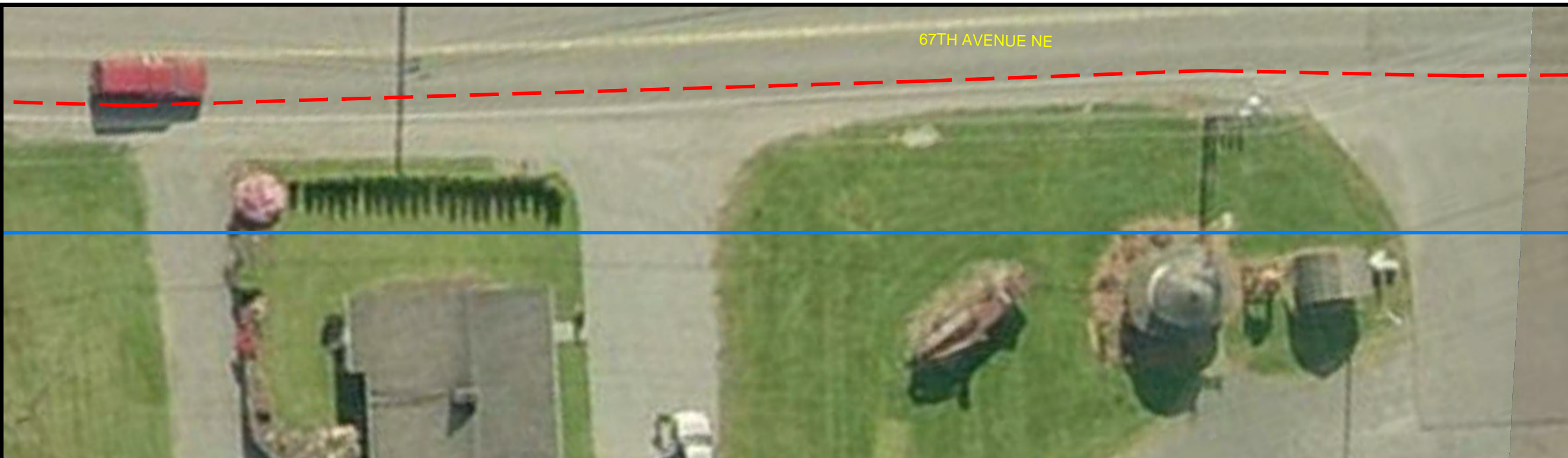
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LINE CODE:
CABLE CLLI: BLANWU0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

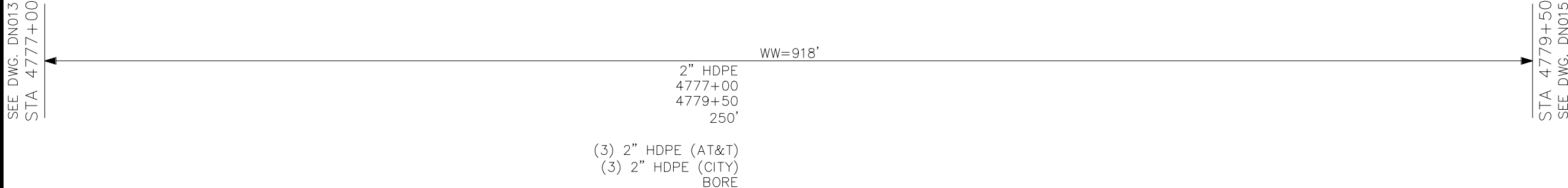
CABLE RELOCATION
PLAN

DN014



R/W WIDTH PERMITS ← TO BLAINE, WA FOR PROFILE SEE SHEET PP014 TO EVERETT, WA → R/W WIDTH PERMITS

TRENCH DETAILS BORE ← TO BLAINE, WA FOR PROFILE SEE SHEET PP014 TO EVERETT, WA → BORE TRENCH DETAILS



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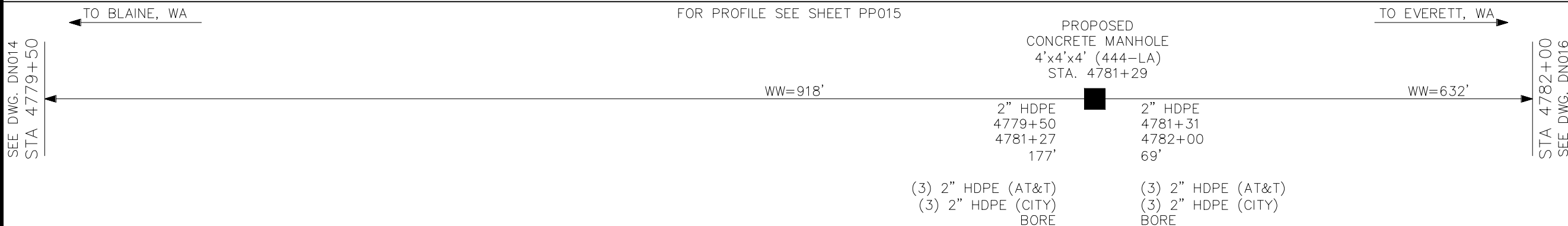
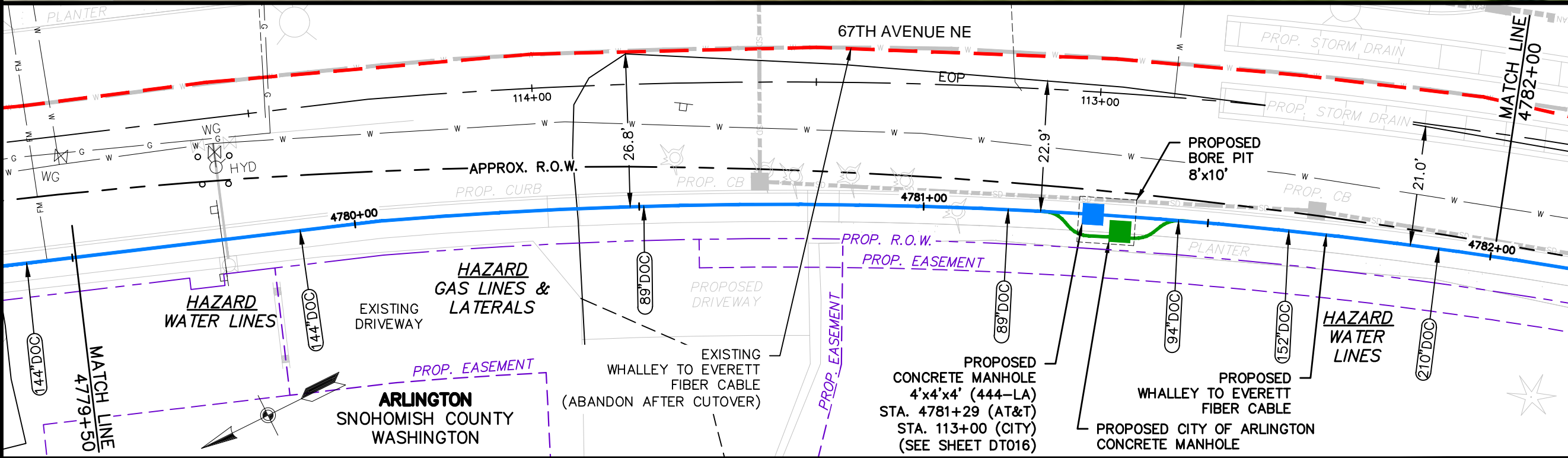
PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWAW0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

CABLE RELOCATION
PLAN

DN015



SIENA ENGINEERING GROUP, INC.
 12-70600 67th Avenue Bid Issue.dwg
 Edited: July 19, 2012 - 8:41 AM
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APPROVED FOR OUTSIDE PLANT _____ ENGINEER _____ DATE _____



PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WR-34105
PROJECT NUMBER 8613972

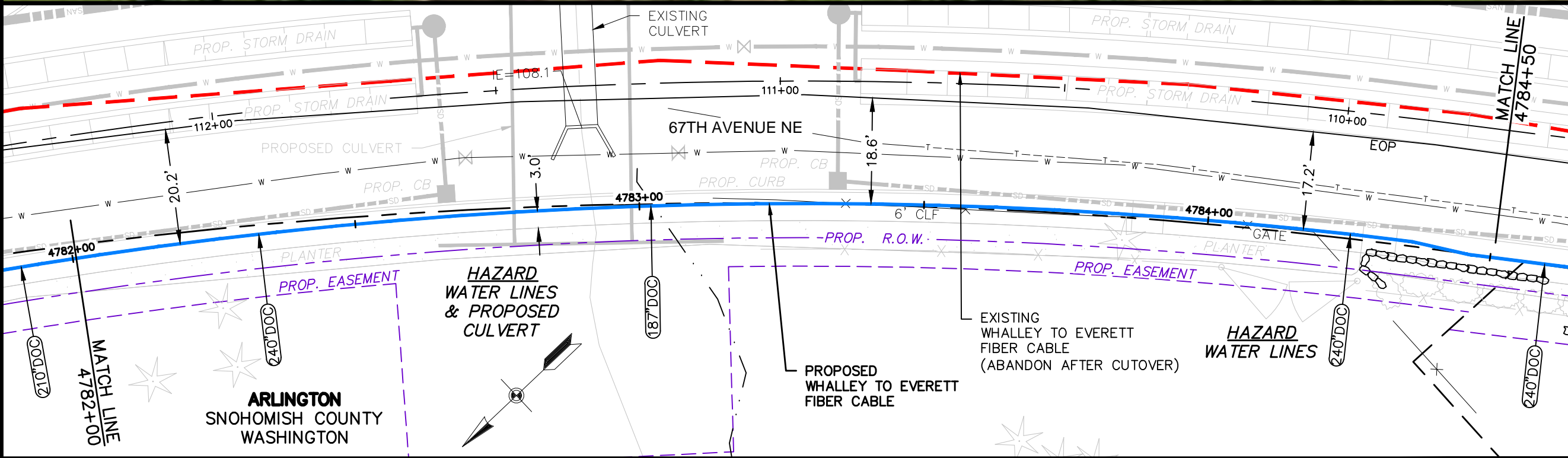
OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWU0010

SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

CABLE RELOCATION
PLAN

DN016



R/W WIDTH PERMITS CITY OF ARLINGTON PERMIT # N/A DEPARTMENT OF FISHERIES HPA NO. 47064-01 STA. 4783+04 CITY OF ARLINGTON PERMIT # N/A R/W WIDTH PERMITS

TRENCH DETAILS BORE TO BLAINE, WA FOR PROFILE SEE SHEET PP016 TO EVERETT, WA BORE TRENCH DETAILS

SEE DWG. DN015 STA 4782+00	WW=632'	STA 4784+50 SEE DWG. DN017
2" HDPE 4782+00 4784+50 250'	(3) 2" HDPE (AT&T) (3) 2" HDPE (CITY) BORE	

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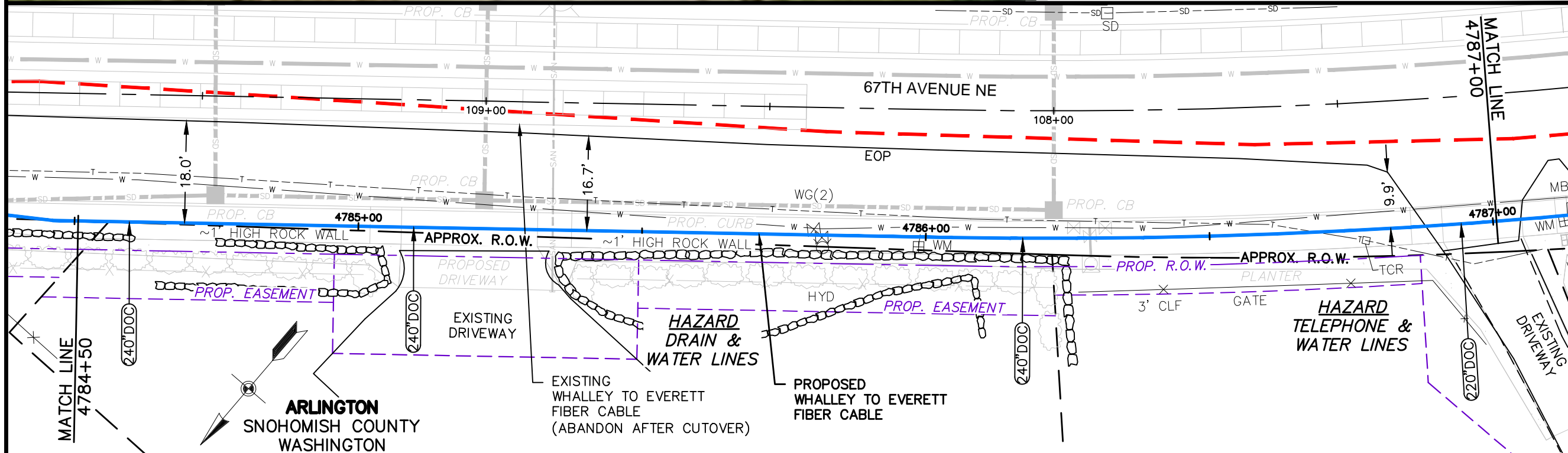
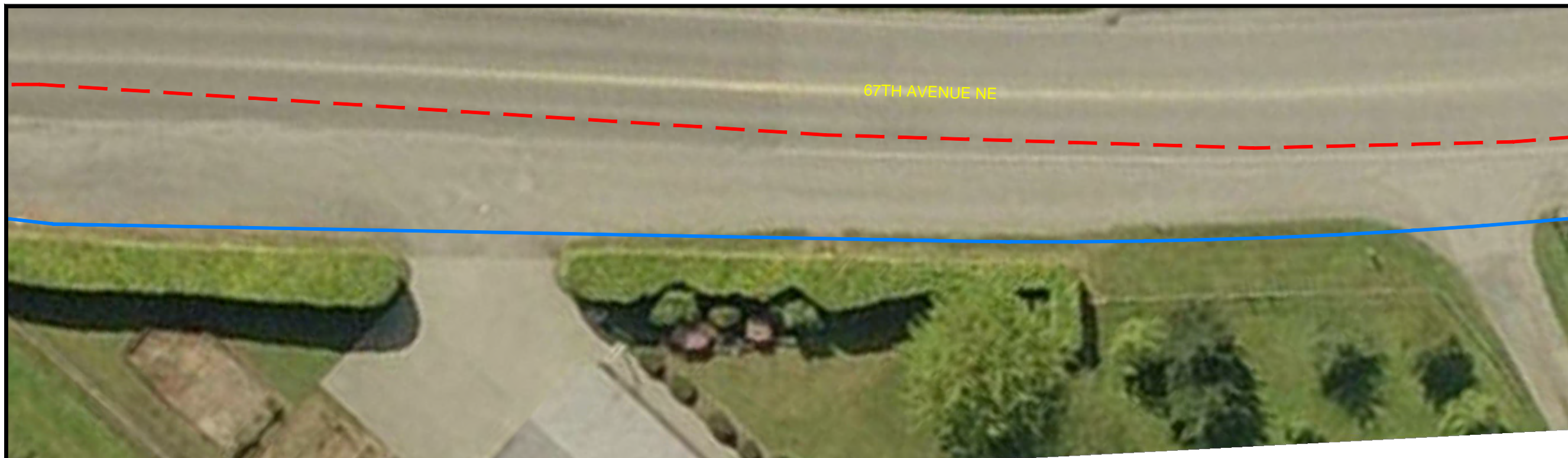
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PROJECT NUMBER 8613972

OWNERSHIP: 100% ISD
LINE CODE:
CABLE CLLI: BLANWU0010
SCALE: 1" = 20'

67TH AVENUE NE
WHALLEY, BC
TO EVERETT, WA

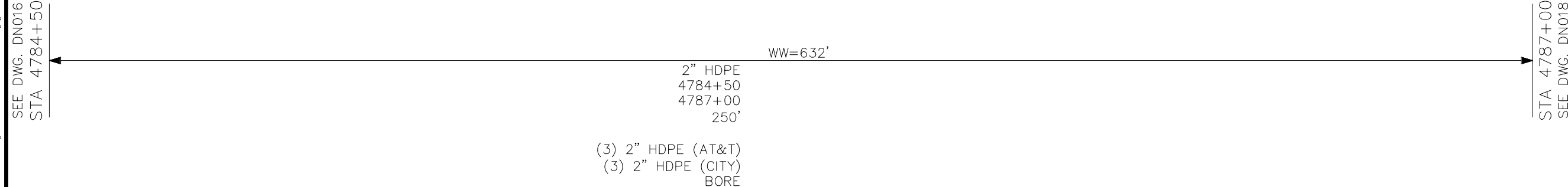
CABLE RELOCATION
PLAN

DN017



R/W WIDTH PERMITS
CITY OF ARLINGTON PERMIT # N/A
TRENCH DETAILS BORE
BORE TRENCH DETAILS

TO BLAINE, WA FOR PROFILE SEE SHEET PP017 TO EVERETT, WA



SEE DWG. DN016
STA 4784+50

STA 4787+00
SEE DWG. DN018

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