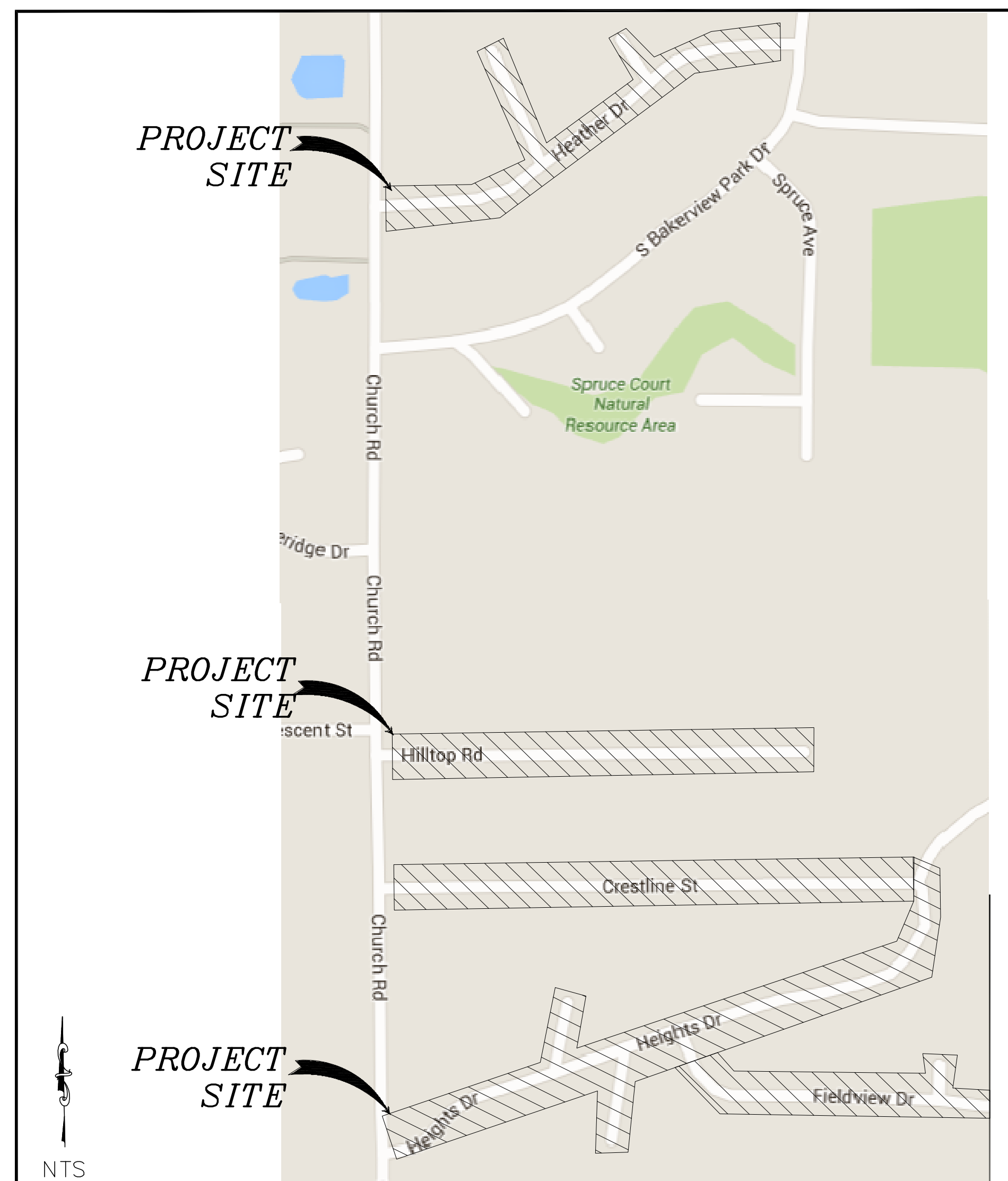


CONSOLIDATION OF CENTRAL CITY WATER FERNDALE, WA

CITY OF FERNDALE - PROJECT NO. WA2015-01

VICINITY MAP

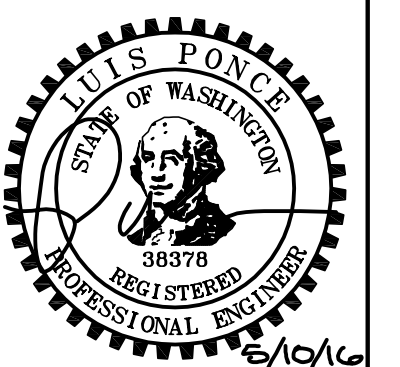
PROJECT LOCATED IN SECTION 19, TOWNSHIP 39N, RANGE 2E



SHEET SERIES INDEX

SHEET	DESCRIPTION
1	COVER
2	LEGEND AND ABBREVIATIONS
3	SHEET INDEX
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5	EX COND TESC AND DEMO PLAN STA 5+00 - 13+50
6	EX COND TESC AND DEMO PLAN STA 33+00-36+00 AND 21+50-27+00
7	EX COND TESC AND DEMO PLAN STA 27+00-29+50 AND 30+50-31+98
8	EX COND TESC AND DEMO PLAN STA 13+50-15+34 AND 36+00-46+00
9	EX COND TESC AND DEMO PLAN STA 47+00 - 57+50
10	EX COND TESC AND DEMO PLAN STA 57+50-58+53 AND 72+50-75+00
11	EX COND TESC AND DEMO PLAN STA 60+00 - 69+25
12	TRAFFIC DETOUR PLAN
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17	PLAN AND PROFILE STA 0+00 - 5+00
18	PLAN AND PROFILE STA 5+00 - 9+50
19	PLAN AND PROFILE STA 9+50 - 13+50
20	PLAN AND PROFILE STA 13+50 - 15+33
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FIELDVIEW DR	
22	PLAN AND PROFILE STA 21+00 - 25+70
23	PLAN AND PROFILE STA 25+70 - 29+53
24	PLAN AND PROFILE STA 30+50 - 31+98
CRESTLINE ST	
25	PLAN AND PROFILE STA 33+00 - 38+00
26	PLAN AND PROFILE STA 38+00 - 42+50
27	PLAN AND PROFILE STA 42+50 - 46+00
HILLTOP RD	
28	PLAN AND PROFILE STA 47+00 - 52+00
29	PLAN AND PROFILE STA 52+00 - 56+50
30	PLAN AND PROFILE STA 56+50 - 58+53
HEATHER DR	
31	PLAN AND PROFILE STA 60+00 - 65+00
32	PLAN AND PROFILE STA 65+00 - 69+25
33	PLAN AND PROFILE RIDGEVIEW PL STA 72+50 - 75+37
DETAILS	
34	DETAILS
35	DETAILS
36	DETAILS
37	DETAILS



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813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

NO.	DATE	DESCRIPTION	BY	

CITY OF FERNDALE
2095 MAIN ST.
FERNDALE, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
COVER

DWG 15033 PROBASE

JOB#

15033

SCALE

H: N/A

V: N/A

DATE
5/10/2016

SHEET
1

of 37

ABBREVIATIONS

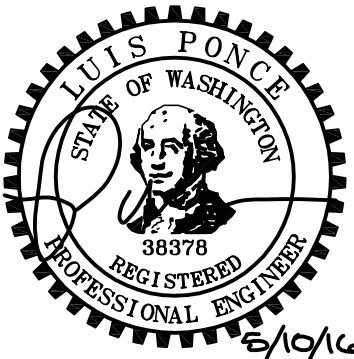
Ø = DIAMETER	EX, EXIST = EXISTING	MON = MONUMENT	SCH = SCHEDULE
AC = ASBESTOS CEMENT	IR = EXISTING IRRIGATION	MPOC = MID--POINT ON CURVE	SD = STORM DRAIN
AD = ALGEBRAIC DIFFERENCE	F&C = FRAME AND COVER	MTR = METER	SDCB = STORM DRAIN CATCH BASIN
ASPH = ASPHALT	F&G = FRAME AND GRATE	MW = MONITORING WELL	SDMH = STORM DRAIN MANHOLE
BLDG = BUILDING	FF = FINISHED FLOOR	N = NORTH	SE = SOUTHEAST
BVCE = BEGIN VERTICAL CURVE ELEVATION	FG = FINISHED GRADE	NE = NORTHEAST	SN = EXISTING SIGN
BVCS = BEGIN VERTICAL CURVE STATION	FL = FLOW LINE	NW = NORTHWEST	SP = STANDARD PLAN
C&G = CURB & GUTTER	FT = FEET	OC = ON CENTER	SSMH = SANITARY SEWER MANHOLE
CATV = CABLE TELEVISION	FT/FT = FEET PER FOOT	PVMNT = PAVEMENT	STA = STATION
CDF = CONTROLLED DENSITY FILL	GALV = GALVANIZED	PC = POINT OF CURVATURE	STD = STANDARD
CL = CLASS, CENTERLINE	GRVL = GRAVEL	PCC = POINT OF COMPOUND CURVATURE, PORTLAND CEMENT CONCRETE	SW = SOUTHWEST
CMP = CORRUGATED METAL PIPE	GV = GATE VALVE	PED = PEDESTAL	TEL = TELEPHONE
CMU = CONCRETE MASONRY UNIT	HDPE = HIGH DENSITY POLYETHYLENE	POC = POINT ON CURVE	TL = TRAFFIC LOOP
COMP = COMPACTED	HMA = HOT MIX ASPHALT	POSS = POSSIBLE	TYP = TYPICAL
CON = CONIFER	HP = HIGH POINT	PRC = POINT OF REVERSE CURVE	UP = UTILITY POLE
CONC = CONCRETE	HYD = HYDRANT	PROP = PROPOSED	UTIL = UTILITY
CONT = CONTOUR	IE, INV = INVERT ELEVATION	PT = POINT OF TANGENCY	VC = VERTICAL CURVE
CPSSP = CORRUGATED POLYETHYLENE STORM SEWER PIPE	IW = INJECTION WELL	PVC = POLYVINYL CHLORIDE	VL = VAULT
CULV = CULVERT	L = LENGTH	PVI = POINT OF VERTICAL INTERSECTION	VPC = VERTICAL POINT OF CURVATURE
D/W = DRIVEWAY	LDSC = LANDSCAPING	PWR = POWER	VPI = VERTICAL POINT OF INTERSECTION
DEC = DECIDUOUS	LF = LINEAR FEET	R = RADIUS	VPT = VERTICAL POINT OF TANGENCY
DI = DUCTILE IRON	LOC = LOCATION	R&C = RING AND COVER	W = WEST
E = EAST	LP = LOW POINT	RET = RETAINING	WM = WATER METER
EOP, EP = EDGE OF PAVEMENT	LT = LEFT	ROW = RIGHT OF WAY	WSDOT = WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
EQUIV = EQUIVALENT	MAX = MAXIMUM	RT = RIGHT	XEOA = EXISTING EDGE OF ASPHALT
EVCE = END VERTICAL CURVE ELEVATION	MIN = MINIMUM	S = SOUTH	
EVLS = END VERTICAL CURVE STATION	MOD = MODIFIED		

NOTES

CONTRACTOR TO REMOVE ALL EX METERS AND PRV AND RETURN TO THE CITY OF FERNDALE

LEGEND

EXISTING	PROPOSED
--- TB --- TB ---	--- TB --- TB ---
--- BB --- BB ---	--- BB --- BB ---
--- DITCH C ---	--- DITCH C ---
--- GRADE BREAK ---	--- GRADE BREAK ---
--- 95 ---	--- 95 ---
--- 95 ---	--- 95 ---
--- X --- X --- X ---	--- X --- X --- X ---
--- GRAVEL ---	--- GRAVEL ---
--- WALL ---	--- WALL ---
/// BUILDING	/// BUILDING
--- PROPERTY BOUNDARY ---	--- PROPERTY BOUNDARY ---
--- RIGHT OF WAY ---	--- RIGHT OF WAY ---
--- RIGHT OF WAY C ---	--- RIGHT OF WAY C ---
--- EASEMENT ---	--- EASEMENT ---
--- ROAD C ---	--- ROAD C ---
--- WETLANDS BOUNDARY ---	--- WETLANDS BOUNDARY ---
--- TRAFFIC STRIPING ---	--- TRAFFIC STRIPING ---
--- EDGE OF PAVEMENT ---	--- EDGE OF PAVEMENT ---
--- FLOWLINE ---	--- FLOWLINE ---
--- TOP BACK OF CURB ---	--- TOP BACK OF CURB ---
--- SIDEWALK ---	--- SIDEWALK ---
--- POWER BURIED ---	--- POWER BURIED ---
--- OHP --- OHP ---	--- OHP --- OHP ---
--- UGC --- UGC ---	--- UGC --- UGC ---
--- OHC --- OHC ---	--- OHC --- OHC ---
--- FO --- FO ---	--- FO --- FO ---
--- TV --- TV ---	--- TV --- TV ---
--- T --- T --- T ---	--- T --- T --- T ---
--- C --- C --- C ---	--- C --- C --- C ---
--- G --- G --- G ---	--- G --- G --- G ---
--- W --- W --- W ---	--- W --- W --- W ---
--- IRR --- IRR ---	--- IRR --- IRR ---
--- FM --- FM ---	--- FM --- FM ---
--- SS --- SS ---	--- SS --- SS ---
--- SD --- SD ---	--- SD --- SD ---
--- OHW --- OHW ---	--- OHW --- OHW ---
--- CULVERT ---	--- CULVERT ---
--- TREE LINE ---	--- TREE LINE ---
--- CONCRETE ---	--- CONCRETE ---
--- RR TRACKS ---	--- RR TRACKS ---
--- SIGNAL POLE ---	--- SIGNAL POLE ---
--- SIGNAL POLE W/ LUMINARE ---	--- SIGNAL POLE W/ LUMINARE ---
--- STREET LIGHT ASSEMBLY ---	--- STREET LIGHT ASSEMBLY ---
--- YARD LIGHT ---	--- YARD LIGHT ---
--- GUY WIRE ---	--- GUY WIRE ---
--- GAS METER ---	--- GAS METER ---
--- GAS VALVE ---	--- GAS VALVE ---
--- TRANSFORMER PAD ---	--- TRANSFORMER PAD ---
--- POWER VAULT ---	--- POWER VAULT ---
--- JBOX ---	--- JBOX ---
--- SOIL BORING LOCATION ---	--- SOIL BORING LOCATION ---
--- MAIL BOX ---	--- MAIL BOX ---
--- WATER SPIGOT ---	--- WATER SPIGOT ---
--- WATER BLOW OFF ---	--- WATER BLOW OFF ---
--- WATER METER ---	--- WATER METER ---
--- WATER VALVE ---	--- WATER VALVE ---
--- FIRE HYDRANT ---	--- FIRE HYDRANT ---
--- TRAFFIC SIGNAL VAULT ---	--- TRAFFIC SIGNAL VAULT ---
--- SEWER MANHOLE ---	--- SEWER MANHOLE ---
--- STORM DRAIN CATCH BASIN TYPE I ---	--- STORM DRAIN CATCH BASIN TYPE I ---
--- STORM DRAIN CATCH BASIN TYPE II ---	--- STORM DRAIN CATCH BASIN TYPE II ---
--- UTILITY POLE ---	--- UTILITY POLE ---
--- MONITORING WELL ---	--- MONITORING WELL ---
--- STORM CLEANOUT ---	--- STORM CLEANOUT ---
--- SEWER CLEANOUT ---	--- SEWER CLEANOUT ---
--- SIGN ---	--- SIGN ---
--- TELEPHONE PEDESTAL ---	--- TELEPHONE PEDESTAL ---
--- COMMUNICATIONS VAULT ---	--- COMMUNICATIONS VAULT ---
--- BENCH MARK ---	--- BENCH MARK ---
--- NAIL AND SHINER ---	--- NAIL AND SHINER ---
--- REBAR CONTROL ---	--- REBAR CONTROL ---
--- IRON PIPE ---	--- IRON PIPE ---
--- MONUMENT (IN CASE) ---	--- MONUMENT (IN CASE) ---
--- MONUMENT (SURFACE) ---	--- MONUMENT (SURFACE) ---
--- ANGLE POINT ---	--- ANGLE POINT ---
--- TREE STUMP ---	--- TREE STUMP ---
--- TREE ---	--- TREE ---
--- VEGETATION ---	--- VEGETATION ---
--- STORM DRAIN INLET ---	--- STORM DRAIN INLET ---
--- COUPLER ---	--- COUPLER ---
--- WATER METER WITH PRV ---	--- WATER METER WITH PRV ---
--- WATER VALVE ---	--- WATER VALVE ---
--- STORM DRAIN CATCH BASIN TYPE II ---	--- STORM DRAIN CATCH BASIN TYPE II ---
--- SANITARY SEWER MANHOLE ---	--- SANITARY SEWER MANHOLE ---
--- STORM DRAIN CATCH BASIN TYPE I ---	--- STORM DRAIN CATCH BASIN TYPE I ---
--- HYDRANT ---	--- HYDRANT ---
--- UTILITY POLE ---	--- UTILITY POLE ---
--- JBOX (TYPE I, II, III) ---	--- JBOX (TYPE I, II, III) ---
--- MONITORING WELL ---	--- MONITORING WELL ---
--- PROP STORM CLEANOUT ---	--- PROP STORM CLEANOUT ---
--- SANITARY SEWER CLEAN OUT ---	--- SANITARY SEWER CLEAN OUT ---
--- SIGN ---	--- SIGN ---
--- FLOW ARROW ---	--- FLOW ARROW ---
--- TREE ---	--- TREE ---
--- SECTION MARK ---	--- SECTION MARK ---



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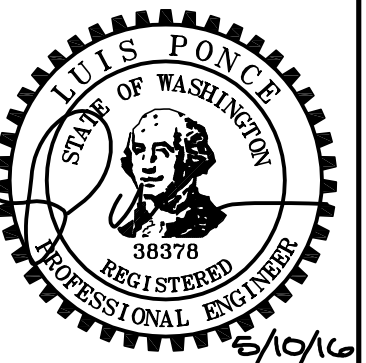
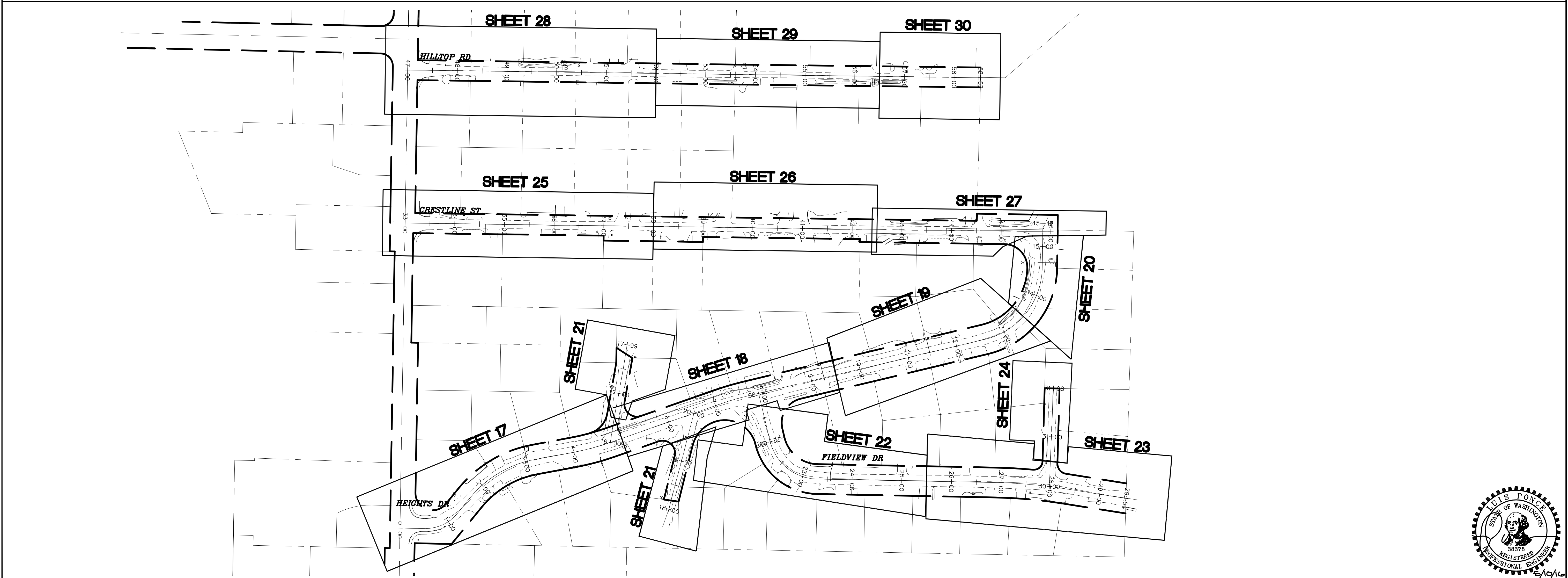
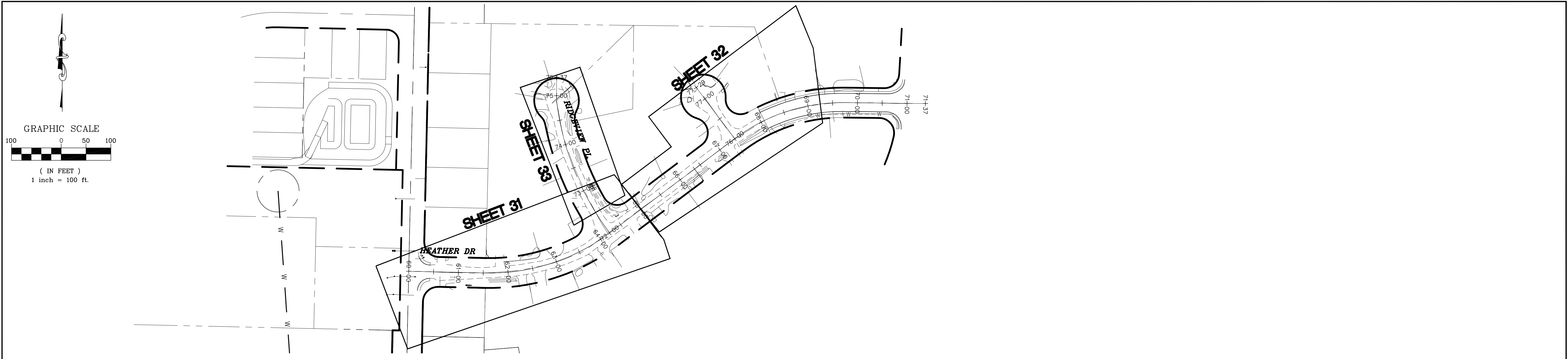
NO.	DATE	DESCRIPTION	BY

CITY OF FERNDAL
2095 MAIN ST.
FERNDAL, WA 98248

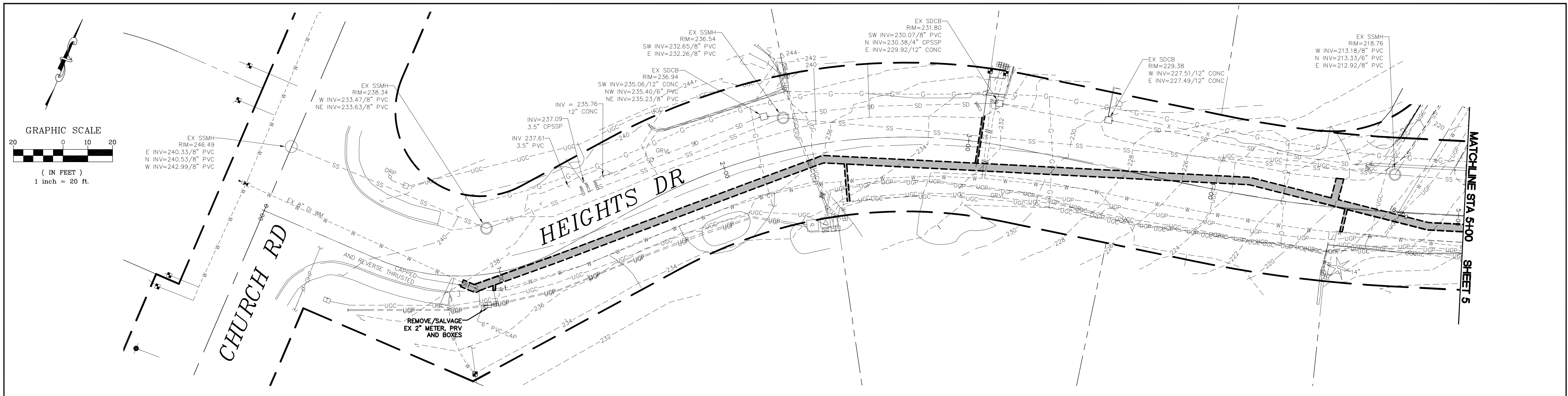
CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
LEGEND AND ABBREVIATIONS

DWG 15033 PROBASE
JOB# 15033
SCALE H: N/A V: N/A

DATE 5/10/2016
SHEET 2 of 37



BID SET		DESIGNED BY SPB/PJC DRAWN BY SPB/PJC CHECKED BY LP	R&E Reichhardt & Ebe ENGINEERING INC P.O. Box 978 423 Front Street, Lynden, WA 98264 (360) 354-3687 813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713	NO.	DATE	DESCRIPTION	BY	CITY OF FERNDALE 2095 MAIN ST. FERNDALE, WA 98248	CONSOLIDATION OF CENTRAL CITY WATER ASSOCIATION SHEET INDEX	DWG 15033 PROBASE JOB# 15033	SCALE H: 1"=100' V: N/A	DATE 5/10/2016 SHEET 3 of 37
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TESC PLAN LEGEND

SYMBOL



WASHINGTON STATE DEPT. OF ECOLOGY
BEST MANAGEMENT PRACTICES (BMP)
REF.: STORMWATER MANAGEMENT MANUAL
FOR WESTERN WASHINGTON, 2012



BMP C103 AND C233: CLEARING LIMITS
AND FILTER FABRIC FENCE — SEE
DETAIL SHEET



BMP C105 AND C140:
STREET CLEANING

BMP C220 INLET PROTECTION — PLACE
SEDIMENT FILTER AROUND OR OVER
CATCH BASINS

DEMOLITION PLAN LEGEND



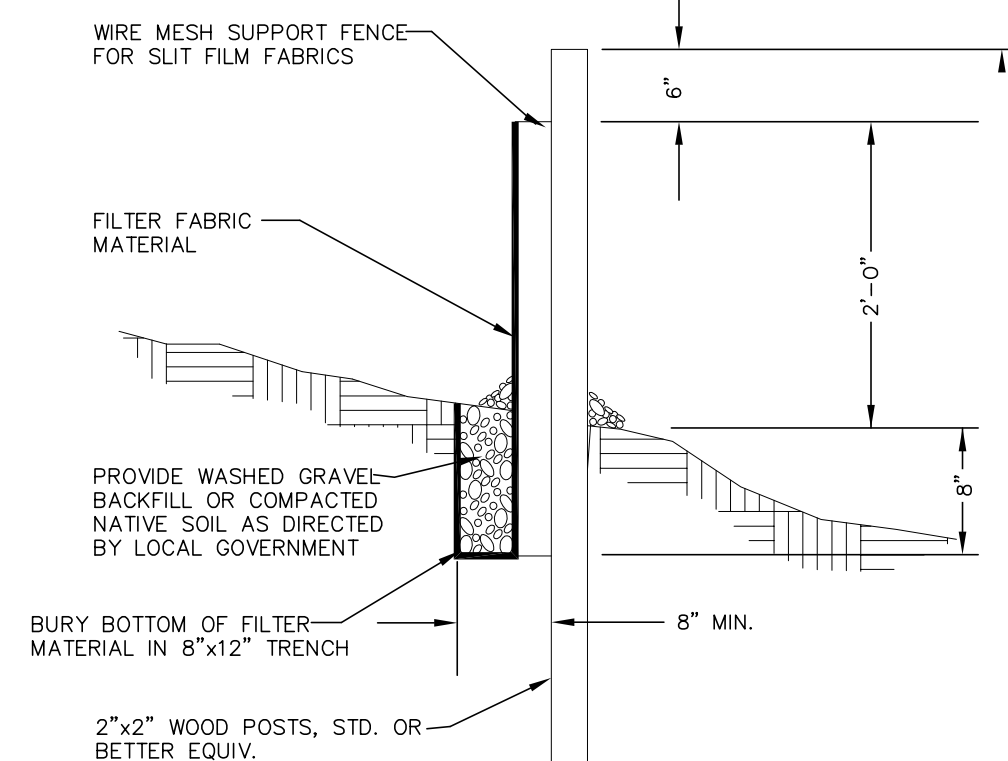
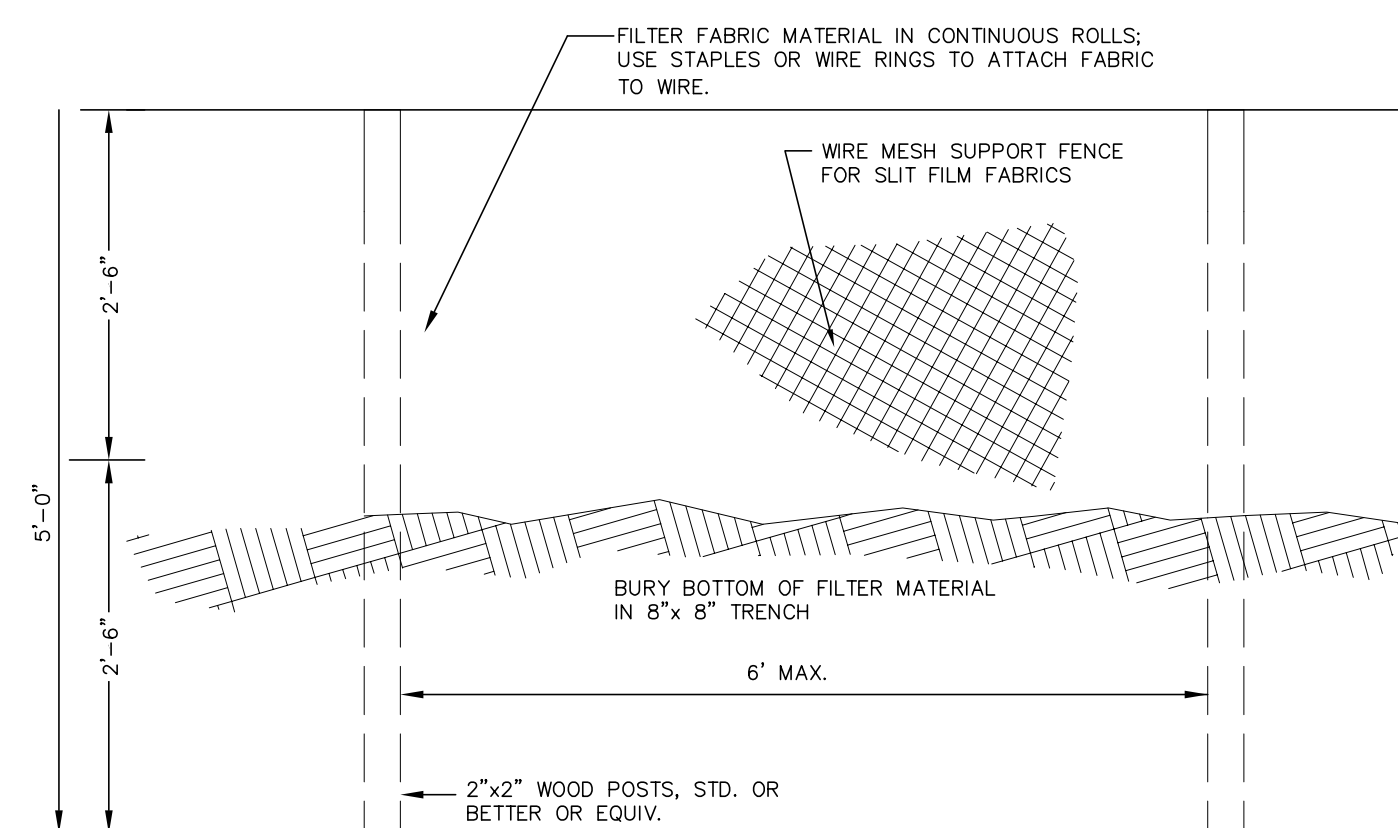
PROPOSED CONCRETE/ASPHALT REMOVAL



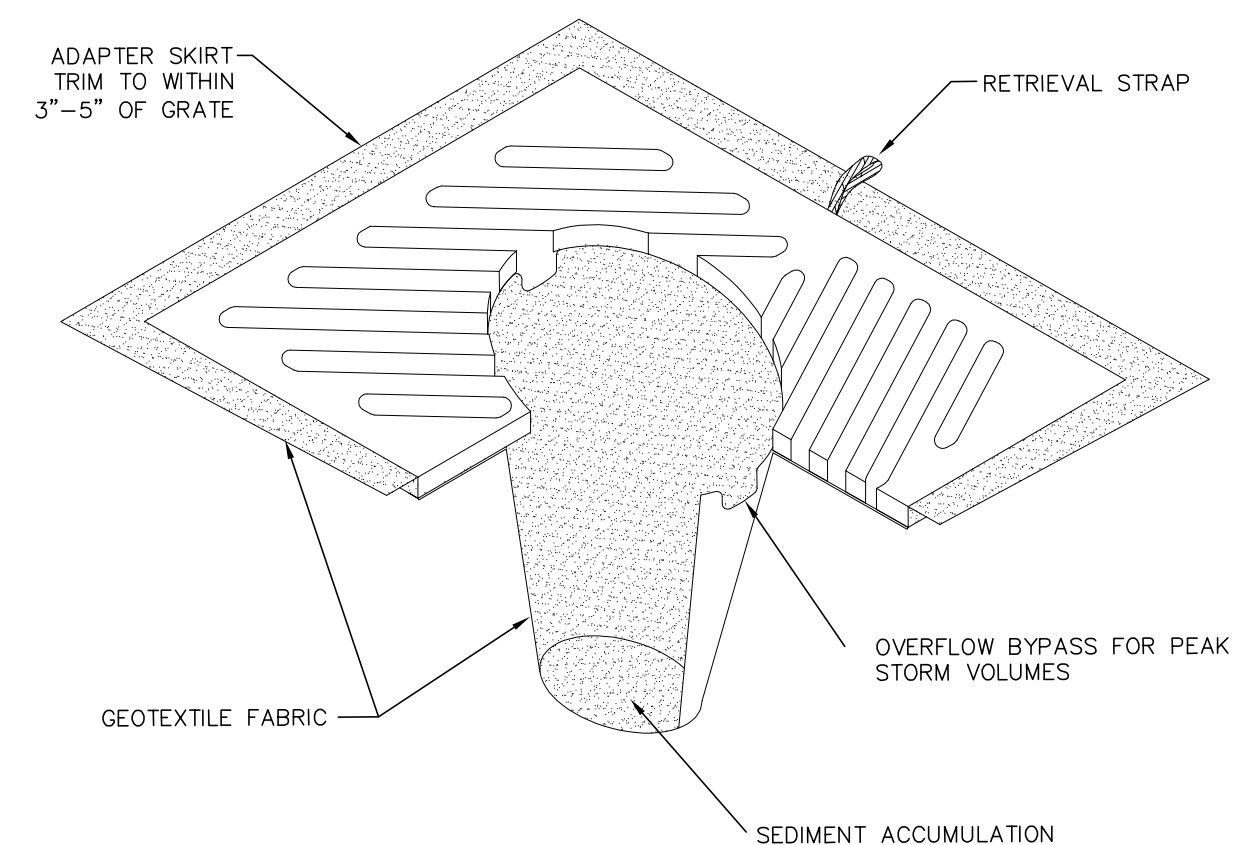
SAWCUT FULL DEPTH OF PAVEMENT



REMOVE EX HYDRANT



FILTER FABRIC FENCE DETAIL



NOTES:

1. INSERT SHALL BE INSTALLED PRIOR TO CLEARING AND GRADING ACTIVITY, OR UPON
PLACEMENT OF A NEW CATCH BASIN.
2. SEDIMENT SHALL BE REMOVED FROM THE UNIT WHEN IT BECOMES HALF FULL.
3. SEDIMENT REMOVAL SHALL BE ACCOMPLISHED BY REMOVING THE INSERT, EMPTYING, AND
RE-INSERTING IT INTO THE CATCH BASIN.

CATCH BASIN INSERT



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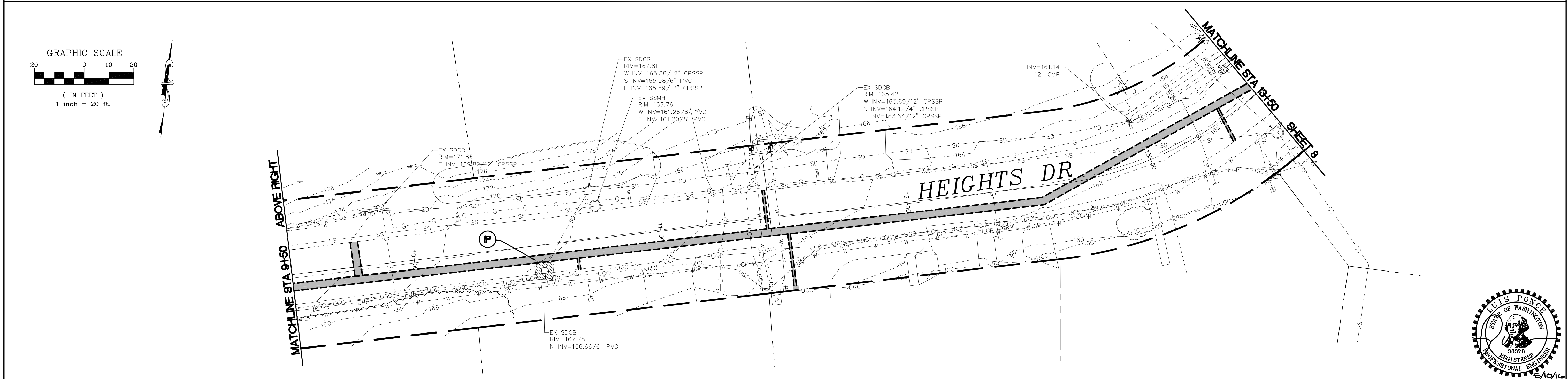
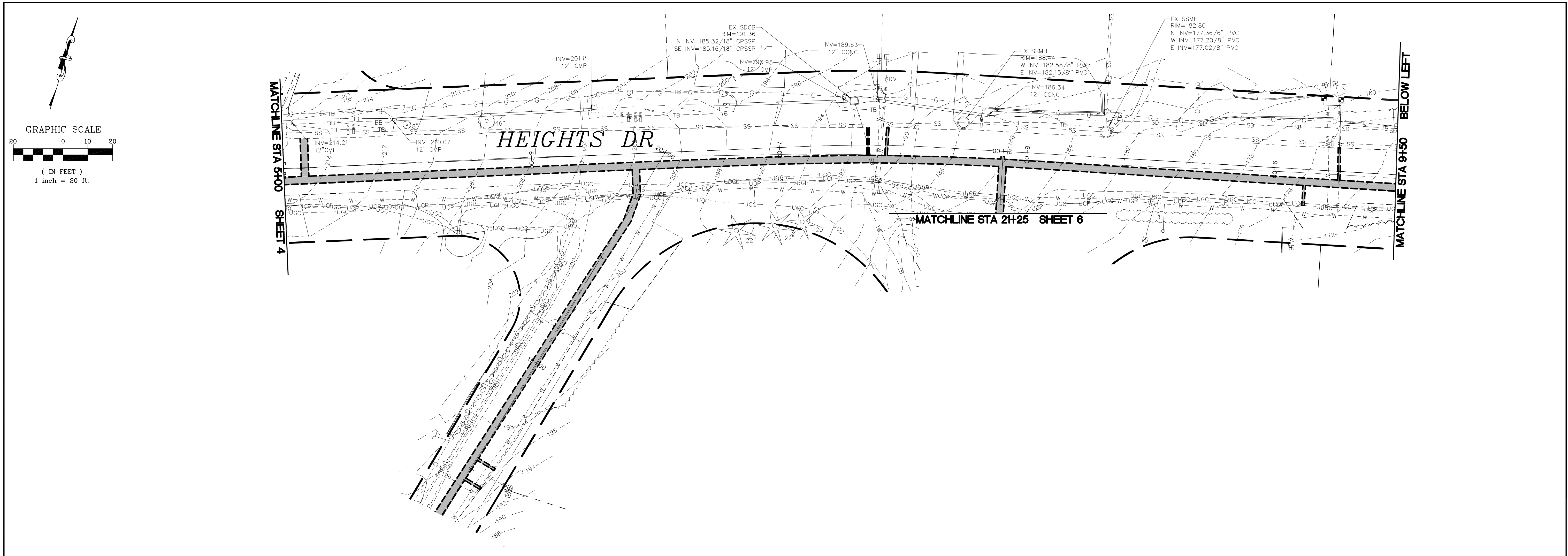
NO.	DATE	DESCRIPTION	BY

CITY OF FERNDALÉ
2095 MAIN ST.
FERNDALÉ, WA 98248

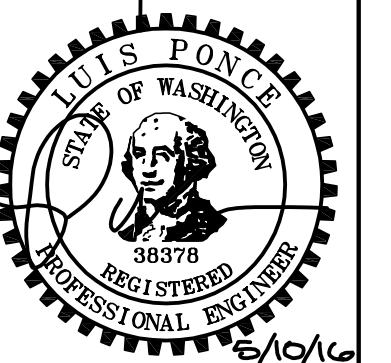
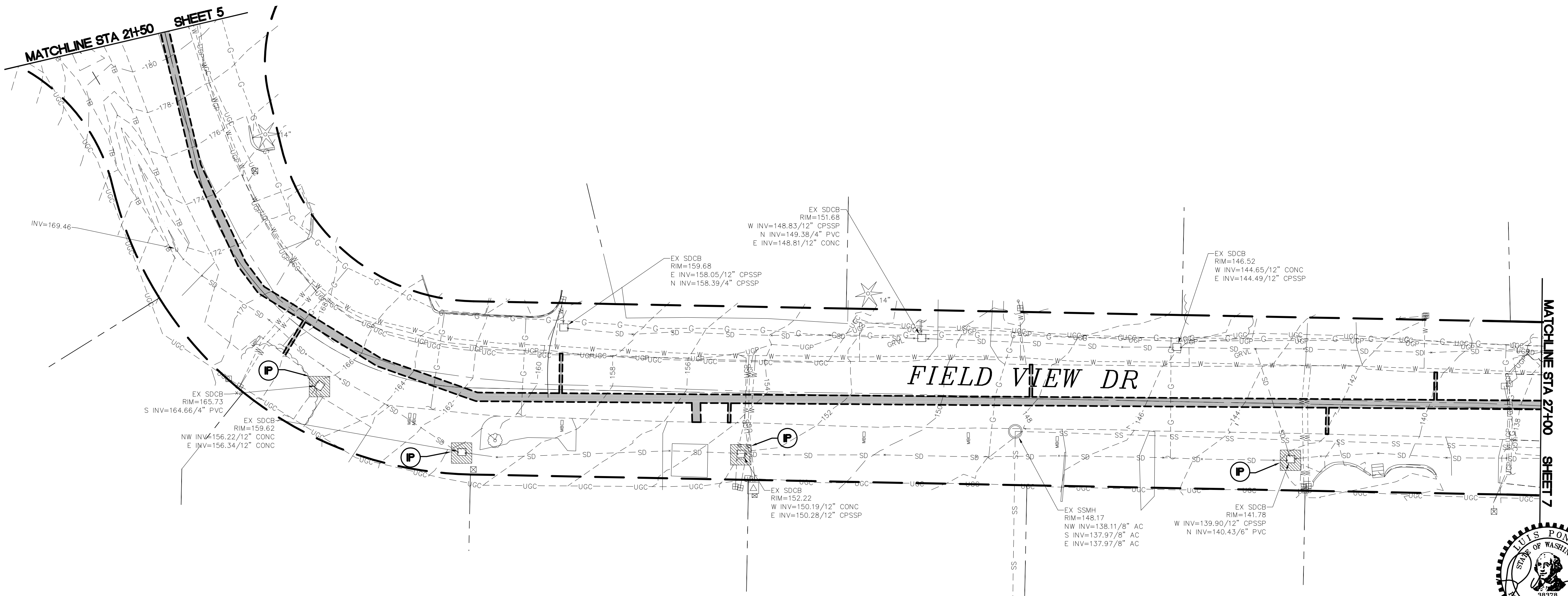
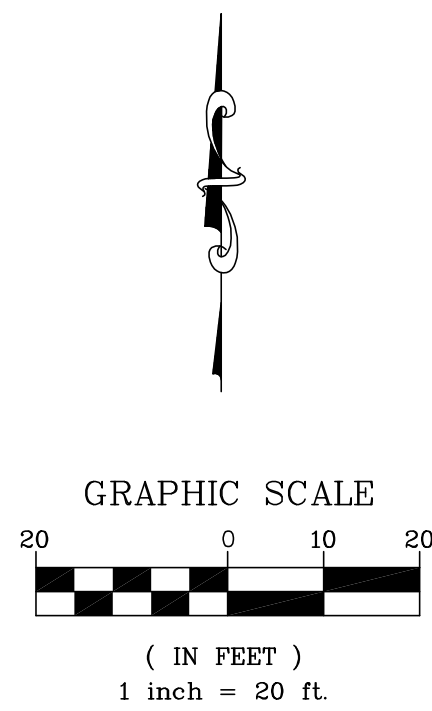
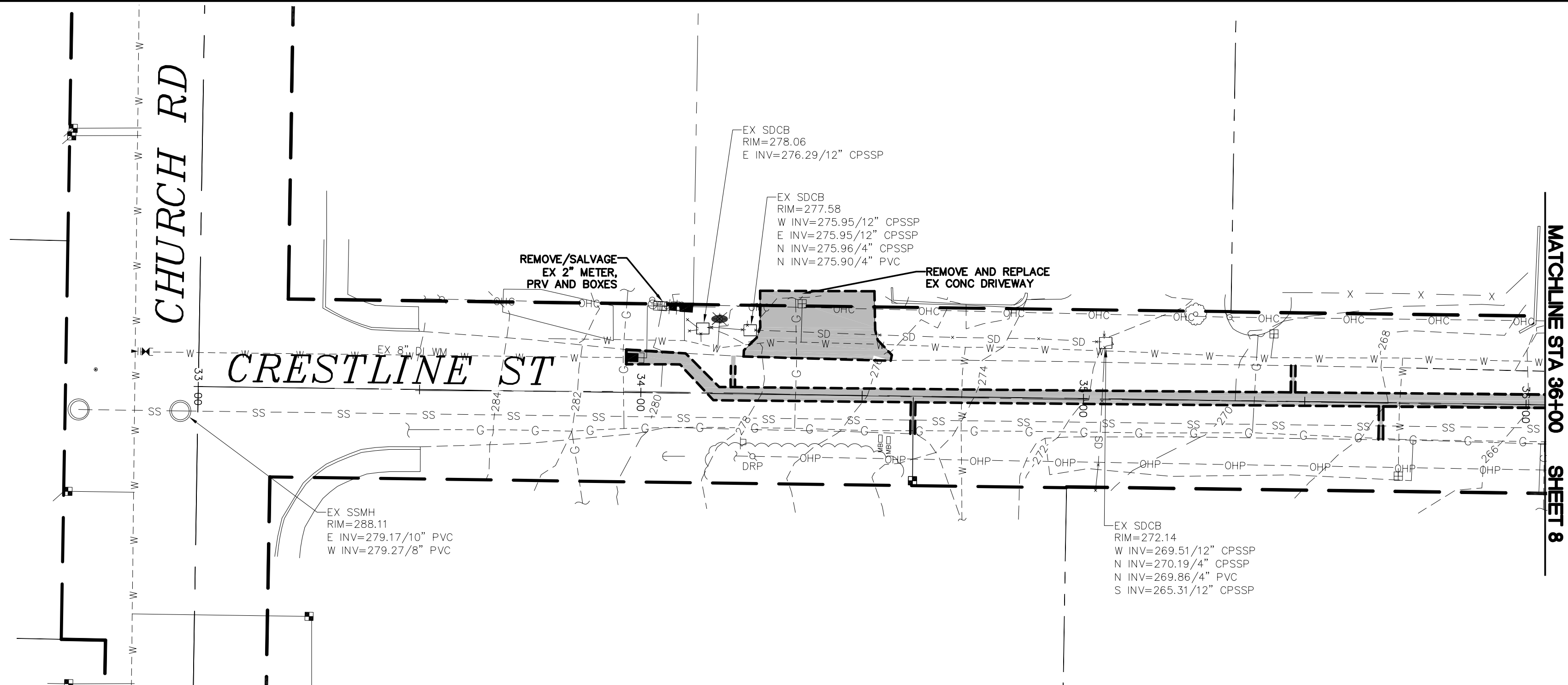
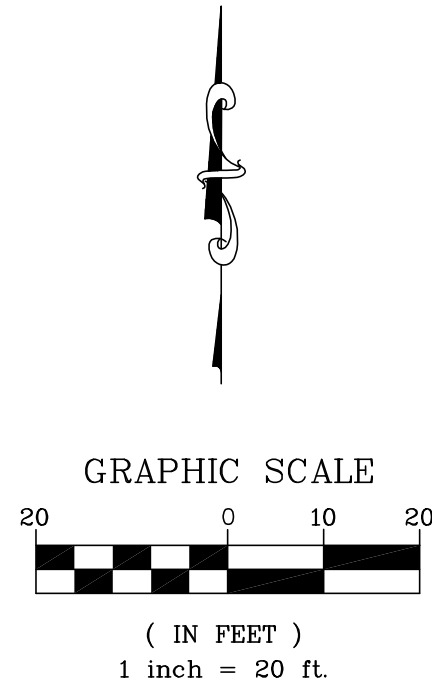
**CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION**
EX COND TESC AND DEMO PLAN STA 0+00 - 5+00

DWG 15033 PROBASE
JOB# 15033
SCALE H: 1"=20' V: 1"=5'

DATE 5/10/2016
SHEET 4
of 37



BID SET		DESIGNED BY SPB/PJC DRAWN BY SPB/PJC CHECKED BY LP	R&E Reichhardt & Ebe ENGINEERING INC P.O. Box 978 423 Front Street, Lynden, WA 98264 (360) 354-3687 813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713	NO.	DATE	DESCRIPTION	BY	CITY OF FERNDAL 2095 MAIN ST. FERNDAL, WA 98248	CONSOLIDATION OF CENTRAL CITY WATER ASSOCIATION EX COND TESC AND DEMO PLAN STA 5+00 - 13+50	DWG 15033 PROBASE JOB# 15033 SCALE H: 1"=20' V: 1"=5'	DATE 5/10/2016 SHEET 5 of 37
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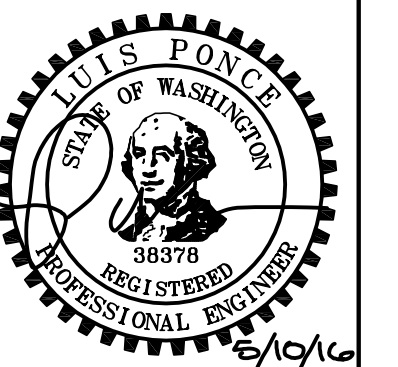
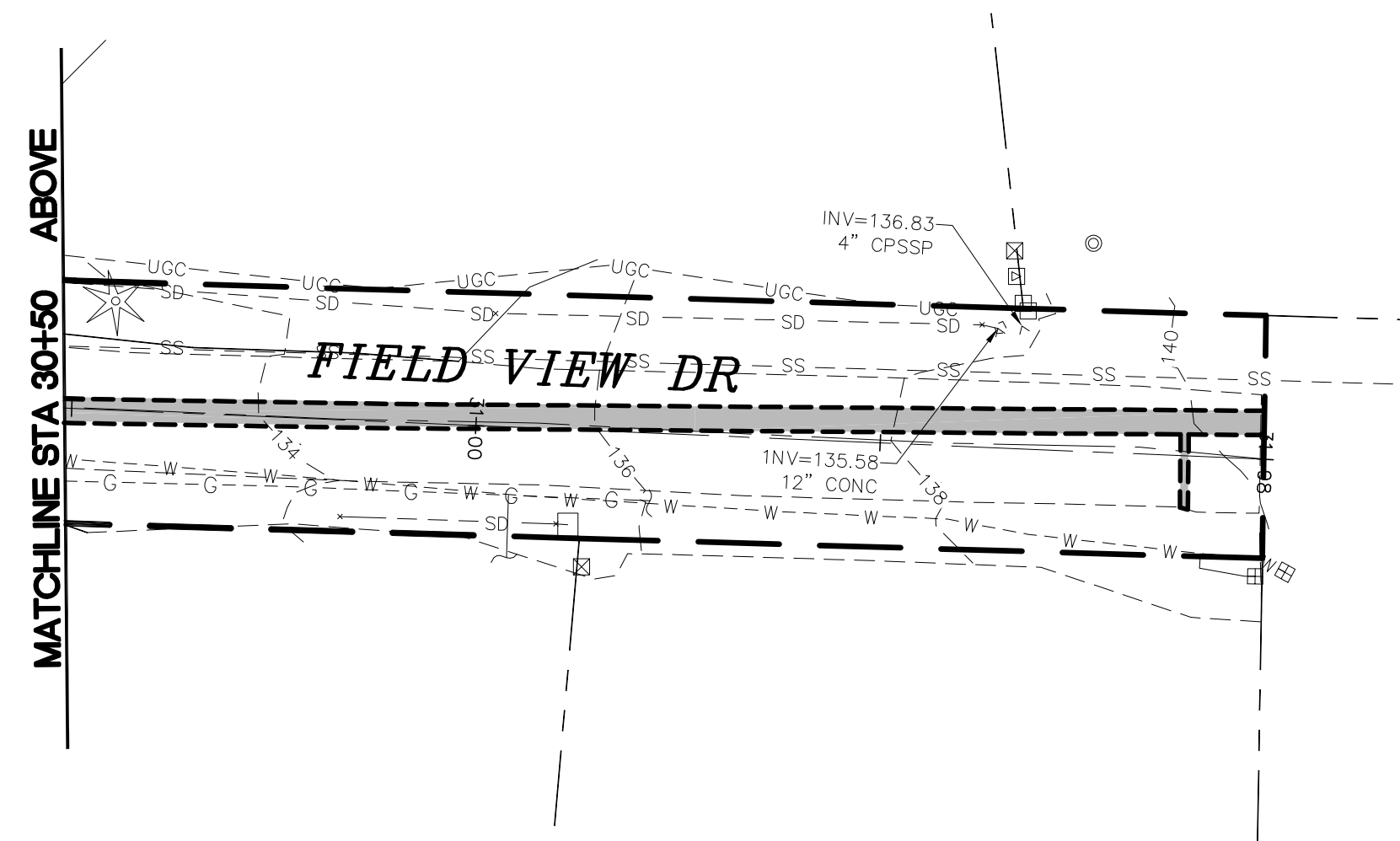
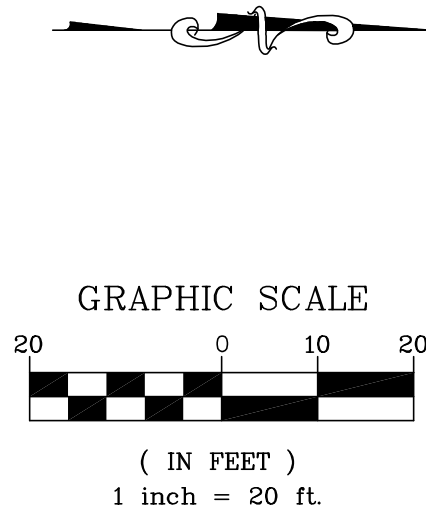
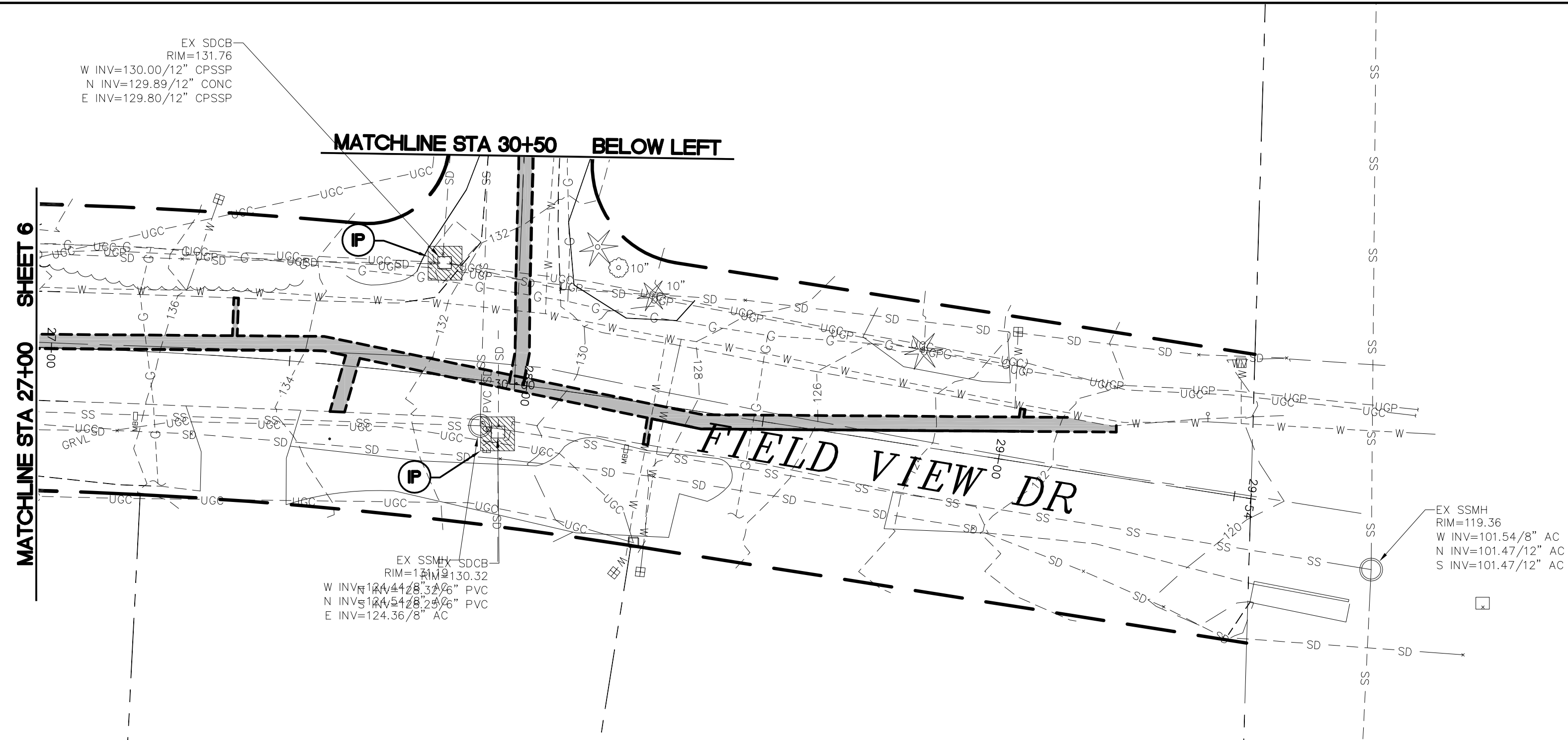
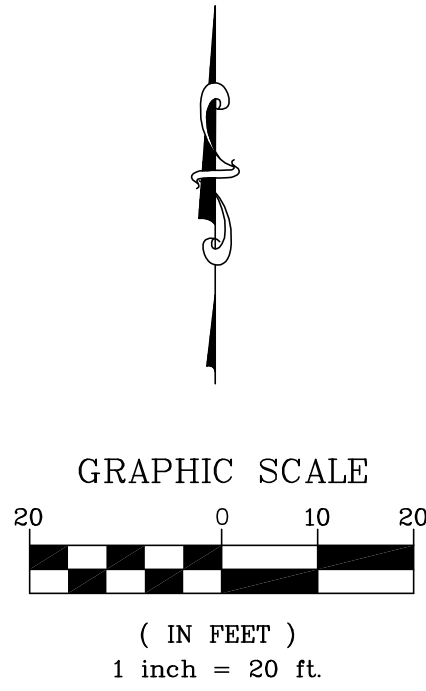
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NO.	DATE	DESCRIPTION	BY

CITY OF FERNDAL
2095 MAIN ST.
FERNDAL, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
EX COND TESC AND DEMO PLAN STA 33+00-36+00 AND 21+50-27+00

DWG 15033 PROBASE	DATE 5/10/2016
JOB# 15033	SHEET 6 of 37
SCALE H: 1"=20' V: 1"=5'	



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NO.	DATE	DESCRIPTION	BY	

CITY OF FERNDALE
2095 MAIN ST.
FERNDALE, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION

EX COND TESC AND DEMO PLAN STA 27+00-29+50 AND 30+50-31+98

DWG 15033 PROBASE

JOB#

15033

SCALE

H: 1"=20'

V: 1"=5'

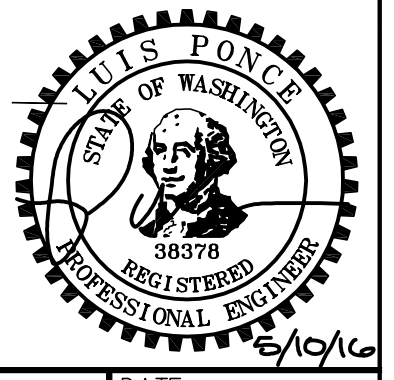
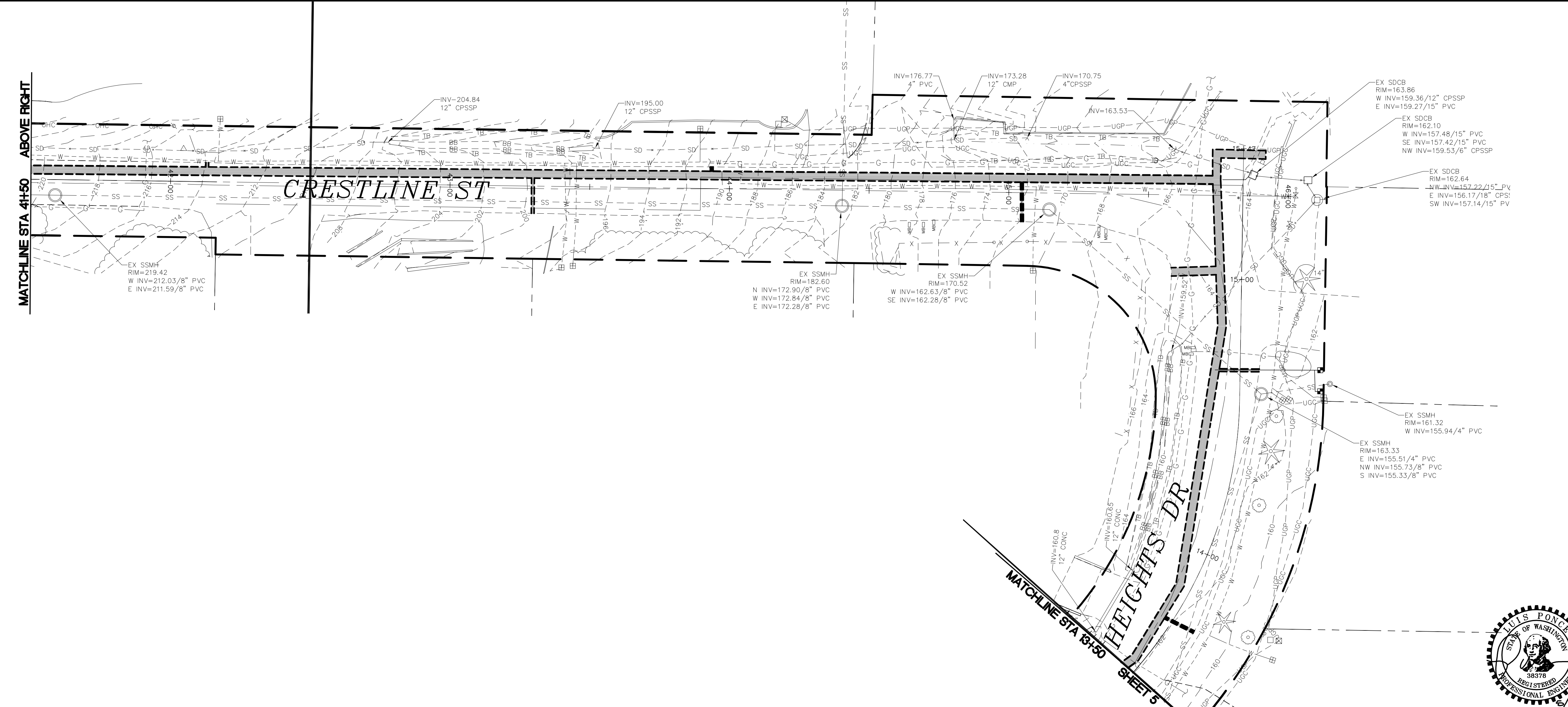
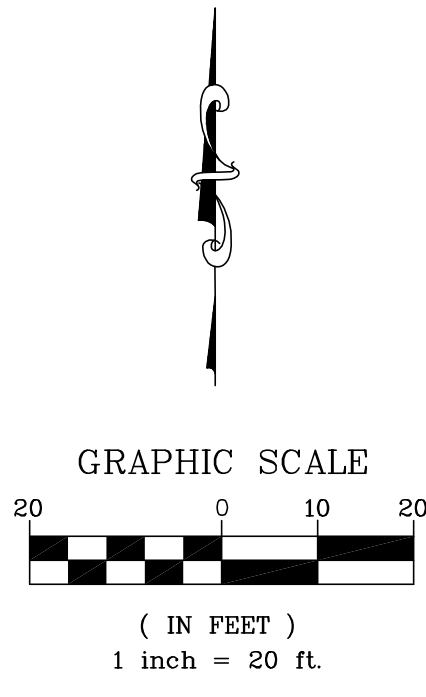
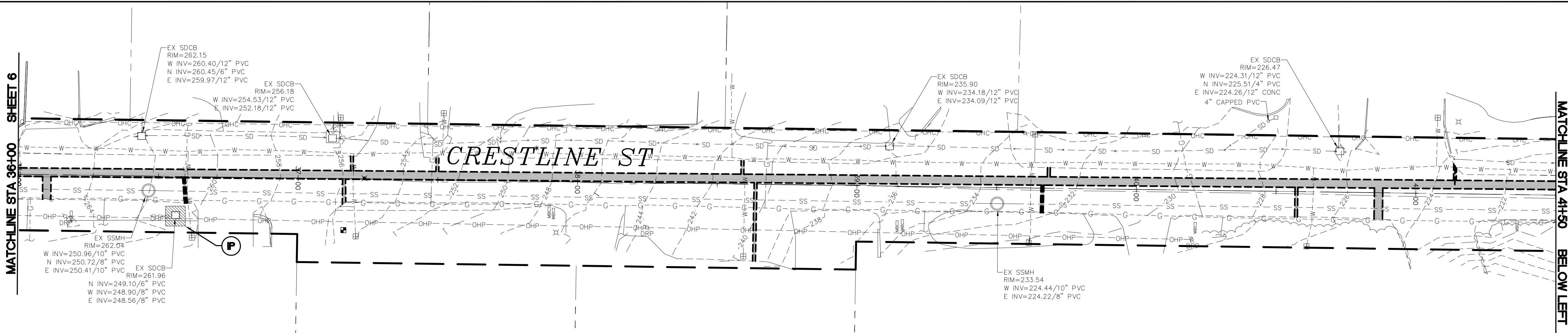
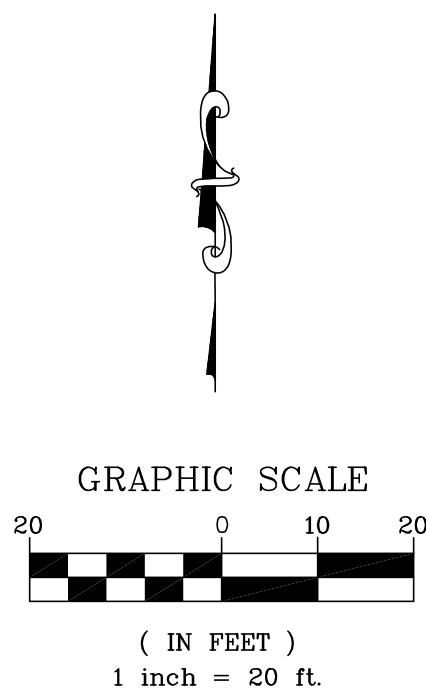
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SHEET

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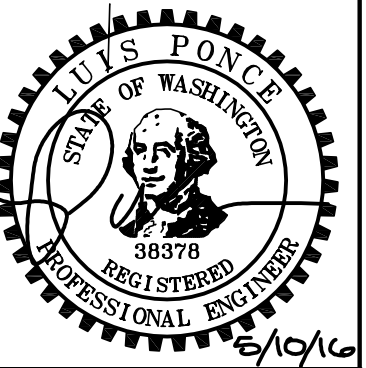
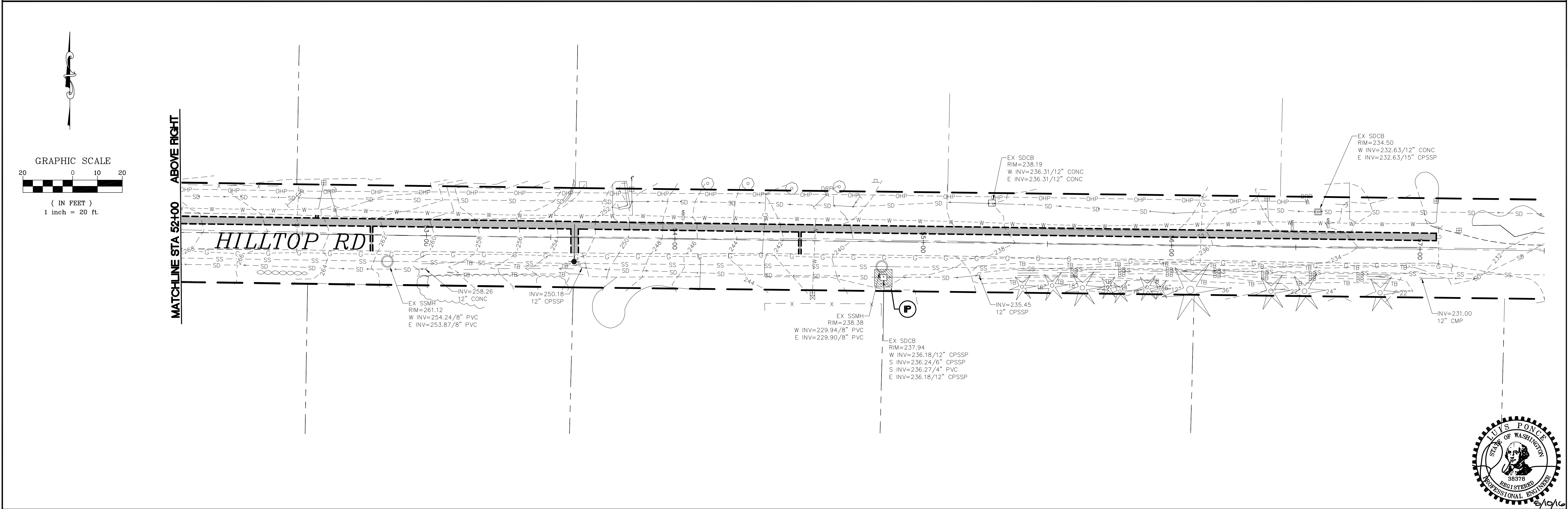
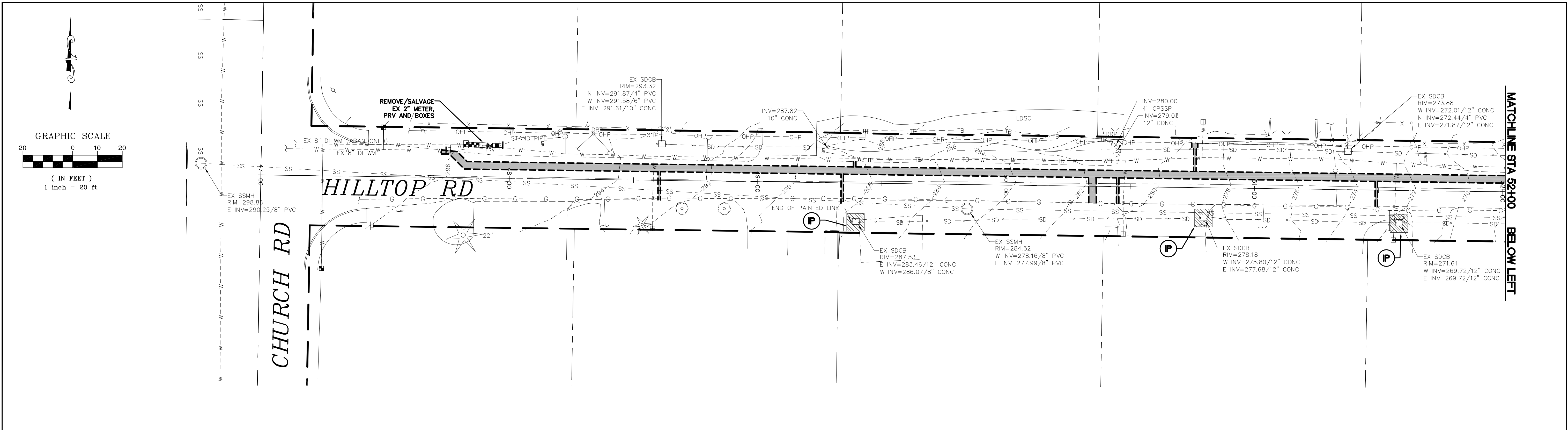
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NO.	DATE	DESCRIPTION	BY

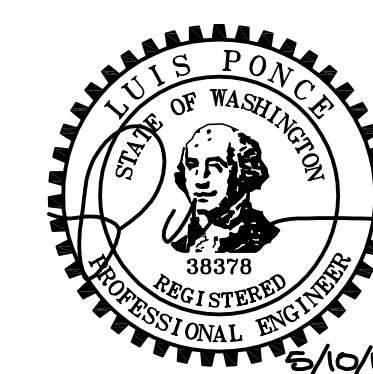
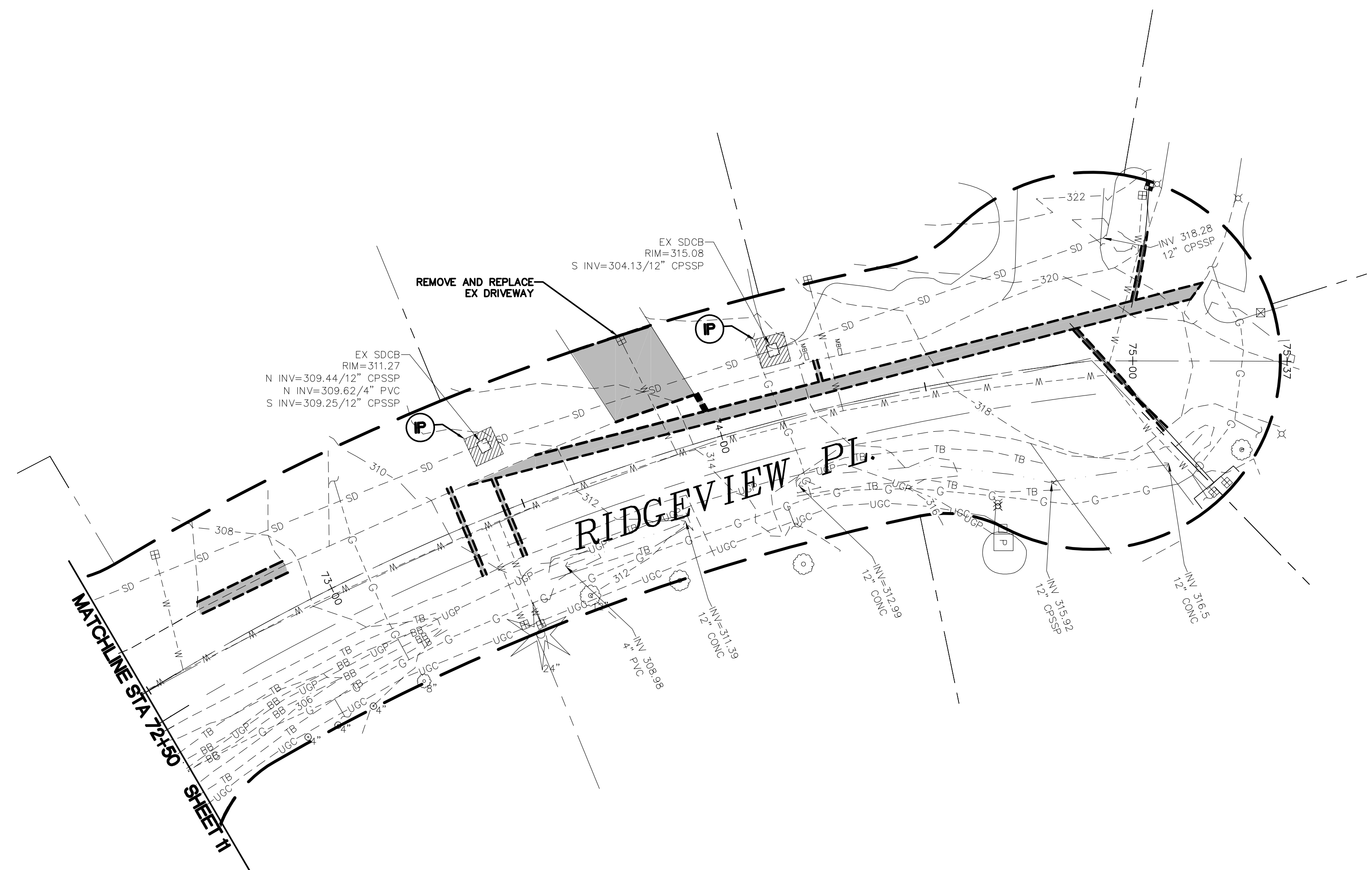
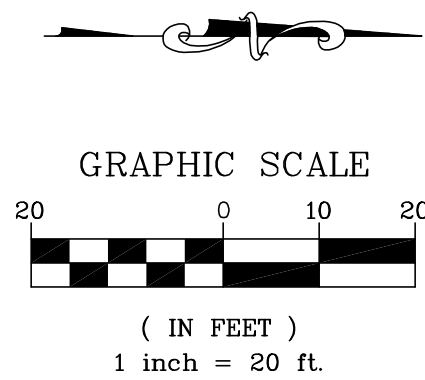
CITY OF FERNDAL
2095 MAIN ST.
FERNDAL, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
EX COND TESC AND DEMO PLAN STA 13+50-15+34 AND 36+00-46+00

DWG 15033 PROBASE		DATE 5/10/2016
JOB# 15033	SCALE H: 1"=20' V: 1"=5'	SHEET 8 of 37



BID SET	DESIGNED BY SPB/PJC	R&E Reichhardt & Ebe ENGINEERING INC P.O. Box 978 423 Front Street, Lynden, WA 98264 (360) 354-3687 813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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BID SET

DESIGNED BY	SPB/PJC
DRAWN BY	SPB/PJC
CHECKED BY	IP

R&E Reichhardt & Ebe
ENGINEERING INC

P.O. Box 978 | 423 Front Street, Lynden, WA 98264 (360) 354-3687
813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

NO.	DATE	DESCRIPTION	BY

CITY OF FERNDALE
2095 MAIN ST.
FERNDALE, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION

EX COND TESC AND DEMO PLAN STA 57+50-58+53 AND 72+50-75+00

DWG 15033 PROBASE

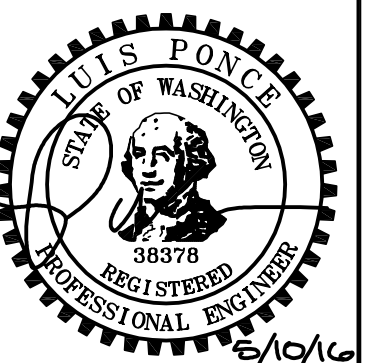
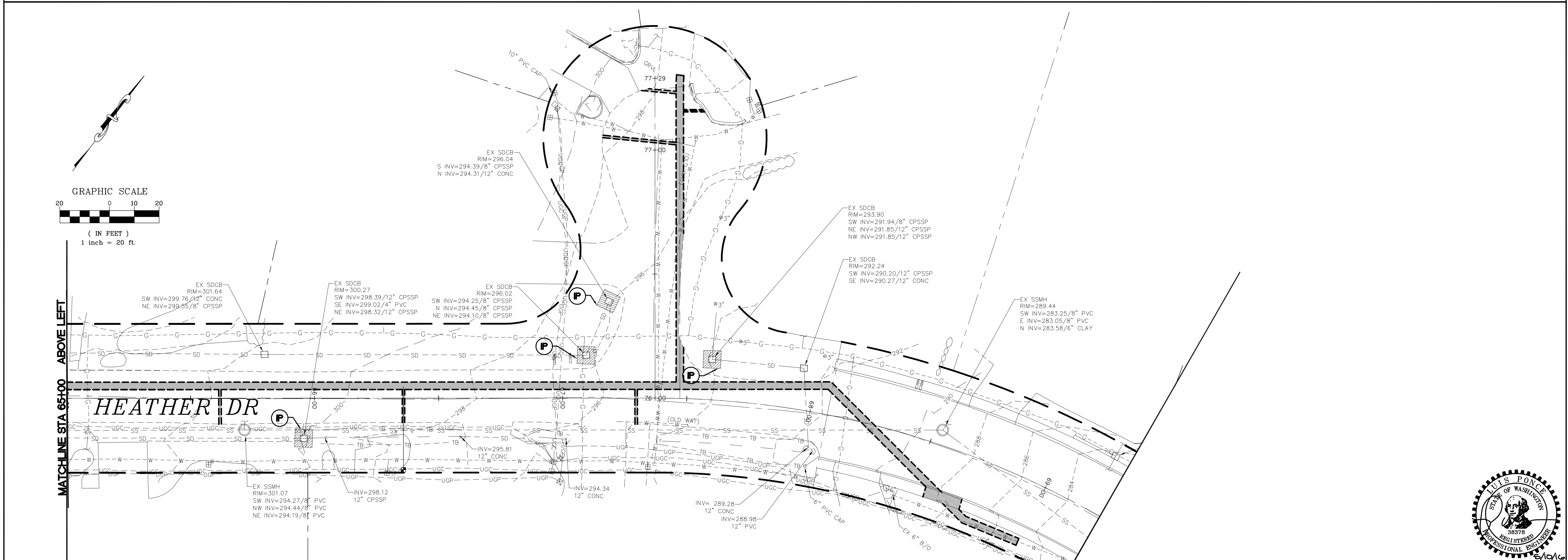
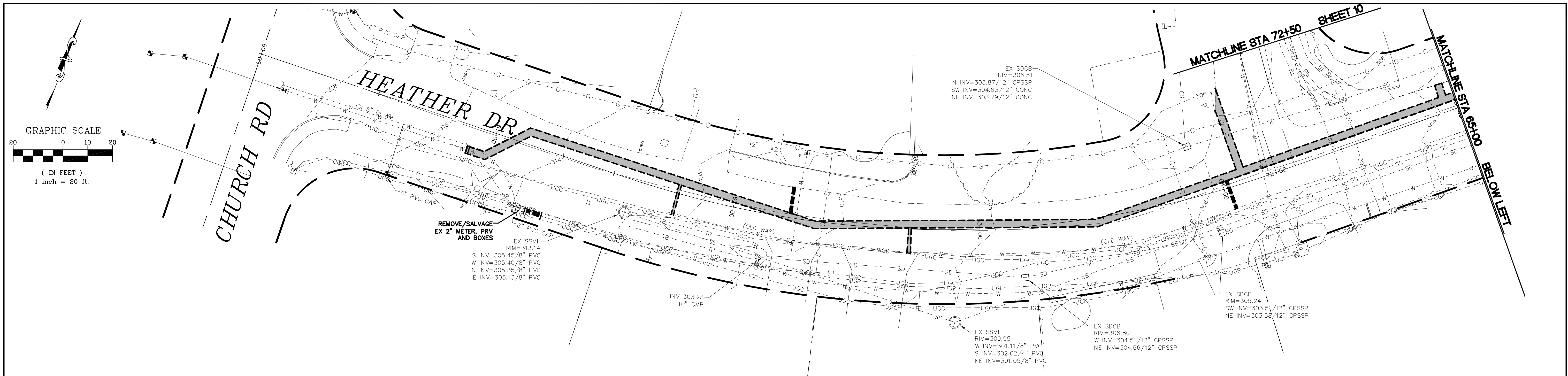
JOB#
-00 15033

SCALE
H: 1"=20'

V: $1^n = 5'$

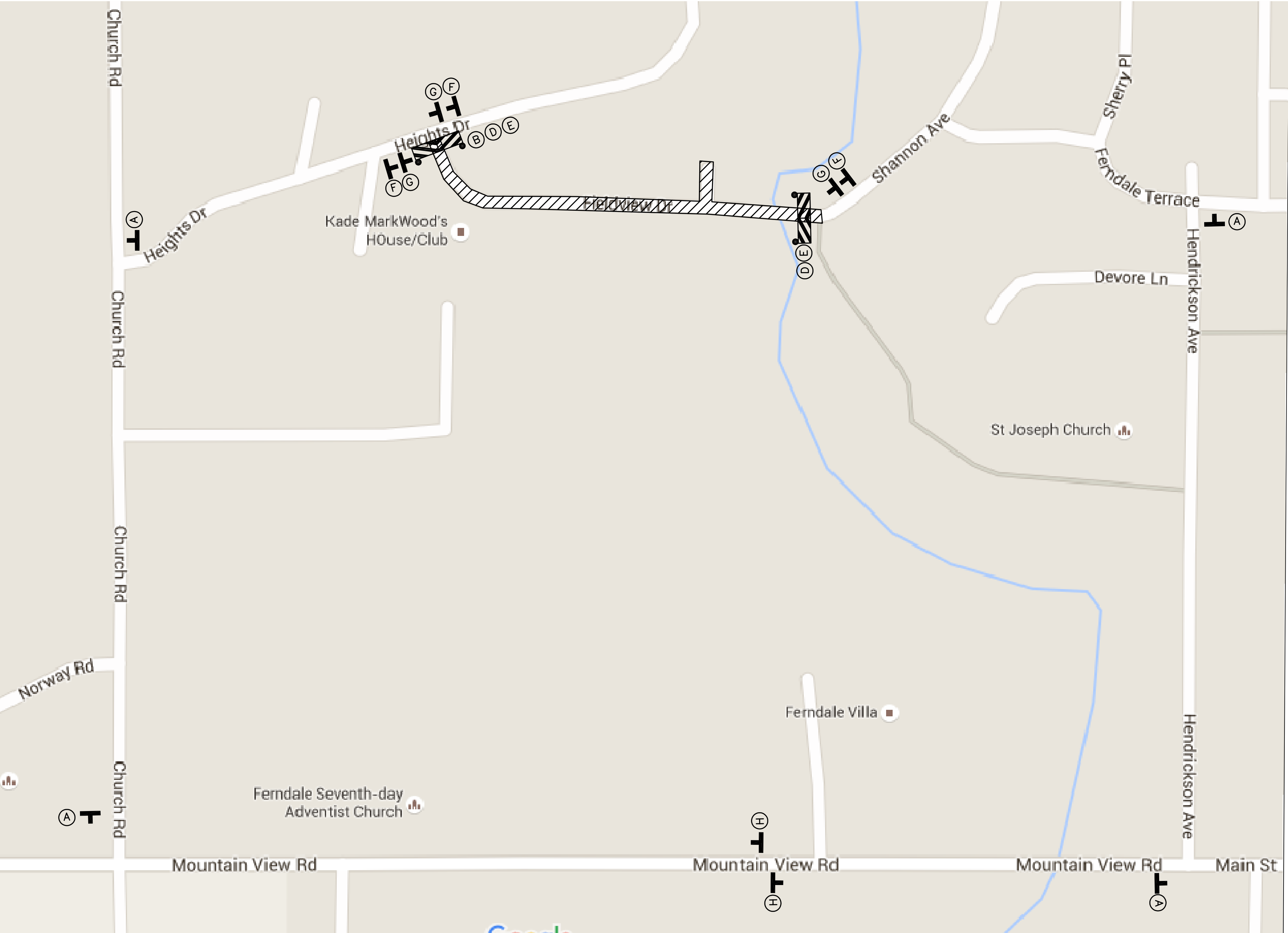
DATE	5/10/2016
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SHEET 10 of 37



BID SET		DESIGNED BY SPB/PJC DRAWN BY SPB/PJC CHECKED BY LP	R&E Reichhardt & Ebe ENGINEERING INC P.O. Box 978 423 Front Street, Lynden, WA 98264 (360) 354-3687 813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713	NO.	DATE	DESCRIPTION	BY	CITY OF FERNDALE 2095 MAIN ST. FERNDALE, WA 98248	CONSOLIDATION OF CENTRAL CITY WATER ASSOCIATION EX COND TESC AND DEMO PLAN STA 60+00 - 69+25	DWG 15033 PROBASE JOB# 15033 SCALE H: 1"=20' V: 1"=5'	DATE 5/10/2016 SHEET 11 of 37
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FIELDVIEW DR DETOUR



LEGEND

-  = SIGN (SHOWN FACING LEFT)
-  = PROPOSED WORK AREA
- (A)  M4-10L
- (B)  M4-10R
- (C)  R 11-2
- (D)  R 11-4
- (E)  TWO TYPE III R AND TYPE III L BARRICADE WITH 2 TYPE A FLASHING WARNING LIGHTS
- (F)  W 20-3
- (G)  W20-2
- (H)  M4-8
- (J)  R 11-3

SIGN SPACING = X (1)		
RURAL ROADS	45/55 MPH	500'±
URBAN ARTERIALS & RURAL ROADS	35/40 MPH	350'±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200'± (2)
URBAN STREETS	25 MPH OR LESS	100'± (2)
ALL SIGNS ARE BLACK ON ORANGE UNLESS DESIGNATED OTHERWISE		

- (1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE AT-GRADE INTERSECTIONS AND DRIVEWAYS.
- (2) THIS SIGN SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



BID SET

DESIGNED BY
SPB/PJC
DRAWN BY
SPB/PJC
CHECKED BY
LP



Reichhardt & Ebe
ENGINEERING INC

P.O. Box 978 | 423 Front Street, Lynden, WA 98264 (360) 354-3687
813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

NO.	DATE	DESCRIPTION	BY

CITY OF FERNDAL
2095 MAIN ST.
FERNDAL, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
TRAFFIC DETOUR PLAN

DWG 15033 DETAILS

JOB#

15033

SCALE

H: 1"=20'

V: 1"=2'

DATE

5/10/2016

SHEET

12
of 37

Crestline St

DETOUR PLANS FOR HEIGHTS, FIELDVIEW, AND CRESTLINE ASSUMES THAT THE WORK ALONG THESE STREETS WILL BE COMPLETED TO MATCH WITH THE DETOUR PLANS. FOR EXAMPLE, THE WORK BETWEEN HEIGHTS DR. STA 00+75 TO HEIGHTS DR. STA 15+45 WILL BE COMPLETED AND THIS SECTION OF THE ROAD WILL BE OPEN TO TRAFFIC BEFORE WORK ON FIELDVIEW OR CRESTLINE BEGINS. CONTRACTOR PROPOSED MODIFICATIONS TO THE DETOUR PLANS SHALL BE IN ACCORDANCE WITH SECTION 1-10.2(2)



DESIGNED BY	SPB/PJC
DRAWN BY	SPB/PJC
CHECKED BY	LP

P.O. Box 978 | 423 Front Street, Lynden, WA 98264 (360) 354-3687
813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

NO.	DATE	DESCRIPTION	BY

CONSOLIDATION OF CENTRAL CITY WATER ASSOCIATION TRAFFIC PLAN CRESTLINE, HEIGHTS, FIELDVIEW DETOUR 1

JOB#
15033

13
of 37

HEIGHTS DR DETOUR

Crestline St

Church Rd

Heights Dr

Fieldview Dr

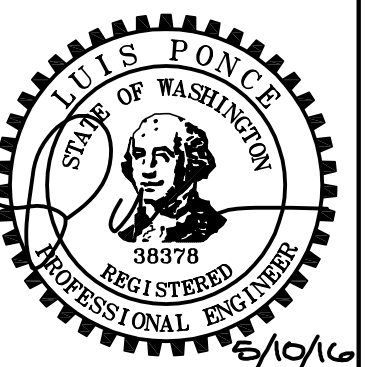
Kade MarkWood's House/Club

NOTES

DETOUR PLANS FOR HEIGHTS, FIELDVIEW, AND CRESTLINE ASSUMES THAT THE WORK ALONG THESE STREETS WILL BE COMPLETED TO MATCH WITH THE DETOUR PLANS. FOR EXAMPLE, THE WORK BETWEEN HEIGHTS DR. STA 00+75 TO HEIGHTS DR. STA 15+45 WILL BE COMPLETED AND THIS SECTION OF THE ROAD WILL BE OPEN TO TRAFFIC BEFORE WORK ON FIELDVIEW OR CRESTLINE BEGINS. CONTRACTOR PROPOSED MODIFICATIONS TO THE DETOUR PLANS SHALL BE IN ACCORDANCE WITH SECTION 1-10.2(2)

5/10/16

DETOUR PLANS FOR HEIGHTS, FIELDVIEW, AND CRESTLINE ASSUMES THAT THE WORK ALONG THESE STREETS WILL BE COMPLETED TO MATCH WITH THE DETOUR PLANS. FOR EXAMPLE, THE WORK BETWEEN HEIGHTS DR. STA 00+75 TO HEIGHTS DR. STA 15+45 WILL BE COMPLETED AND THIS SECTION OF THE ROAD WILL BE OPEN TO TRAFFIC BEFORE WORK ON FIELDVIEW OR CRESTLINE BEGINS. CONTRACTOR PROPOSED MODIFICATIONS TO THE DETOUR PLANS SHALL BE IN ACCORDANCE WITH SECTION 1-10.2(2)



DESIGNED BY	SPB/PJC
DRAWN BY	SPB/PJC
CHECKED BY	LP

P.O. Box 978 | 423 Front Street, Lynden, WA 98264 (360) 354-3687
813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

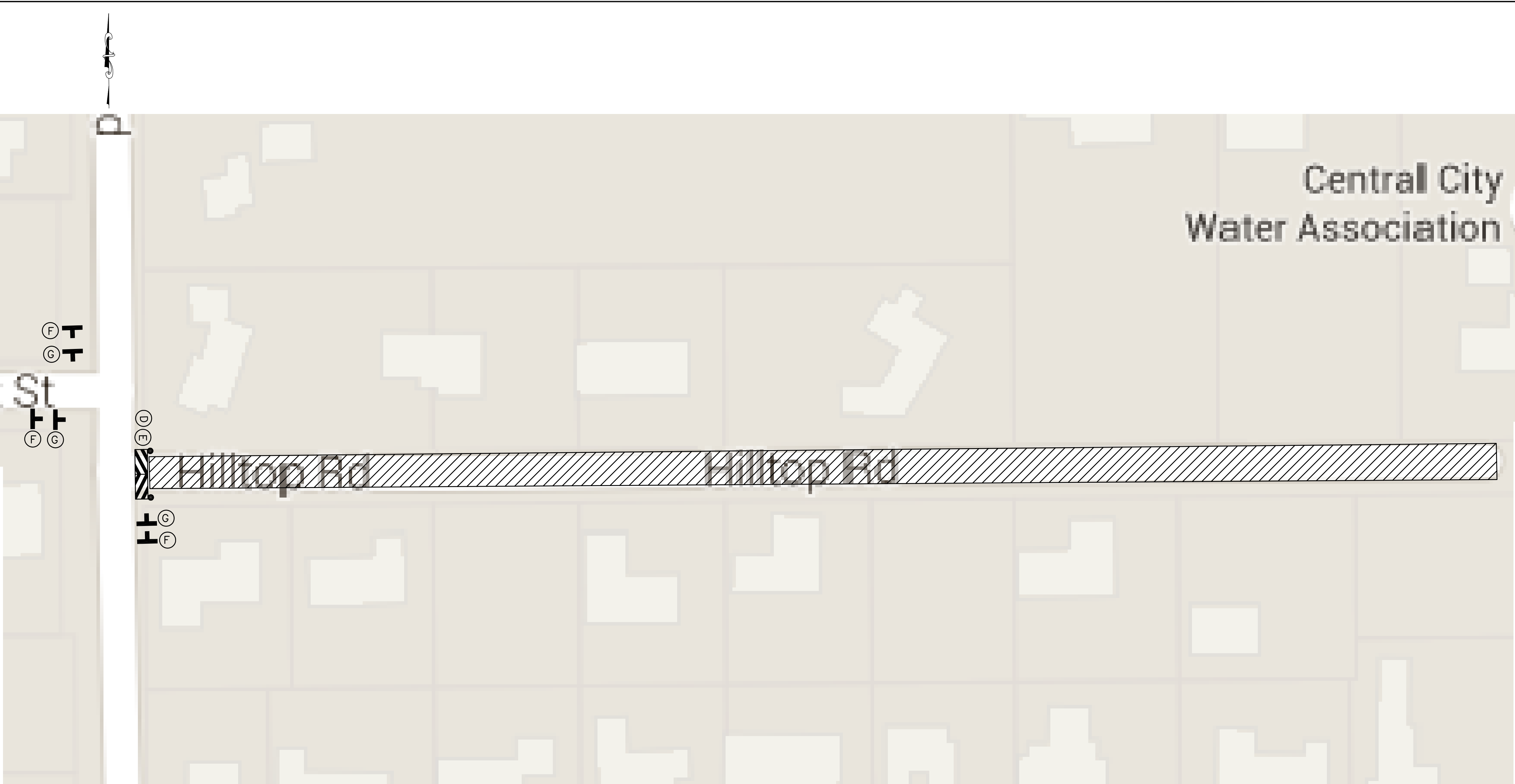
NO.	DATE	DESCRIPTION	BY

CONSOLIDATION OF CENTRAL CITY WATER ASSOCIATION TRAFFIC PLAN CRESTLINE, HEIGHTS, FIELDVIEW DETOUR 2

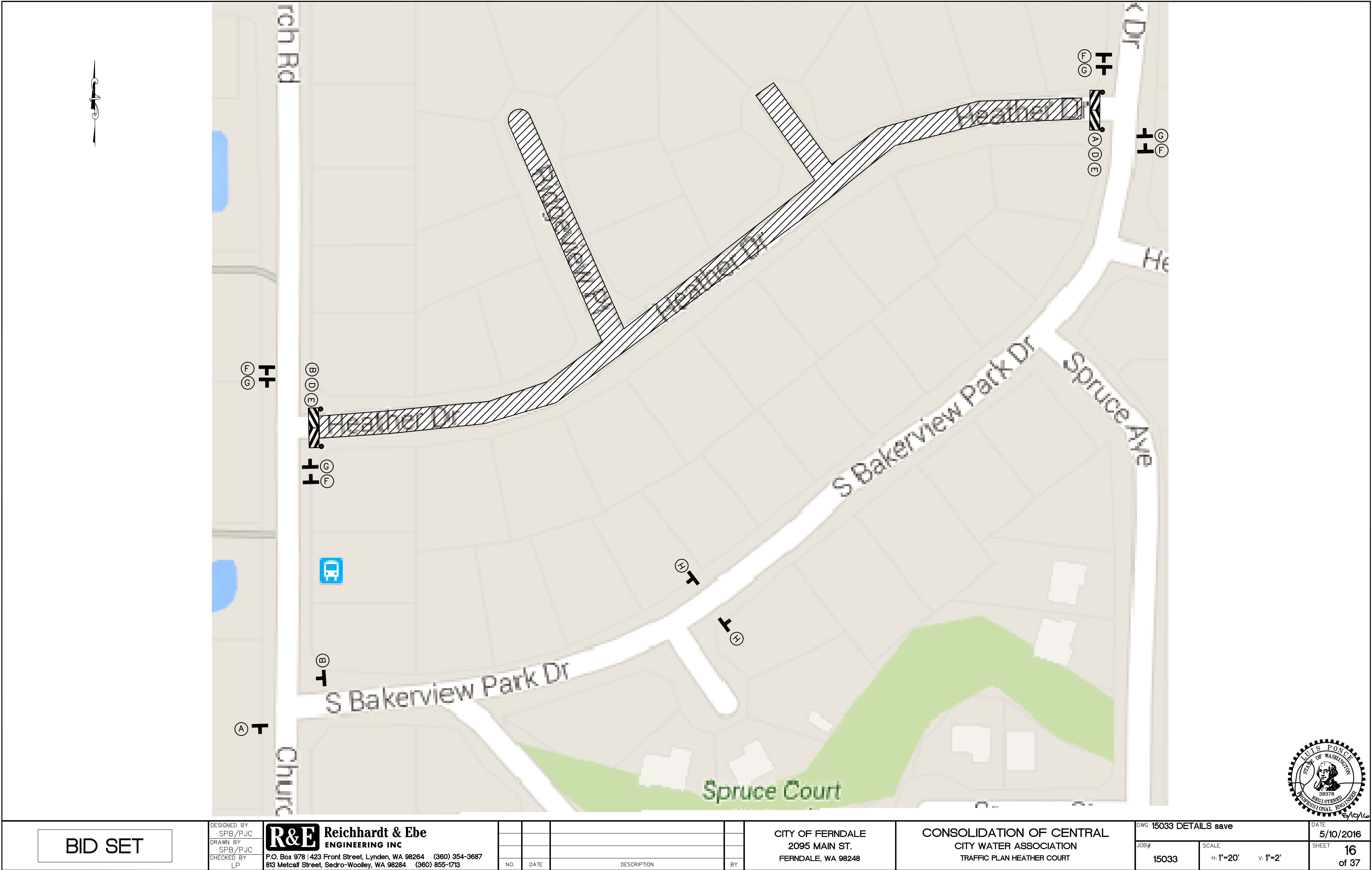
DATE
5/10/2016

SCALE
H: 1"=20' V: 1"=2'

SHEET 14 of 37



BID SET	DESIGNED BY SPB/PJC	R&E Reichhardt & Ebe ENGINEERING INC P.O. Box 978 423 Front Street, Lynden, WA 98264 (360) 354-3687 813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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BID SET

DESIGNED BY
SPB/PJC
DRAWN BY
SPB/PJC
CHECKED BY
LP

R&E Reichhardt & Ebe
ENGINEERING INC
P.O. Box 978 | 423 Front Street, Lynden, WA 98264 (360) 354-3687
813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

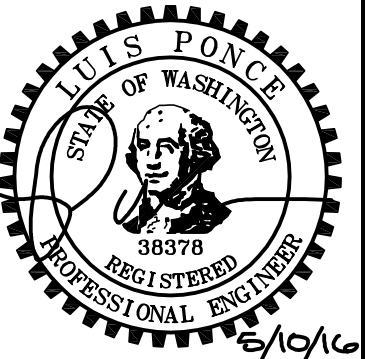
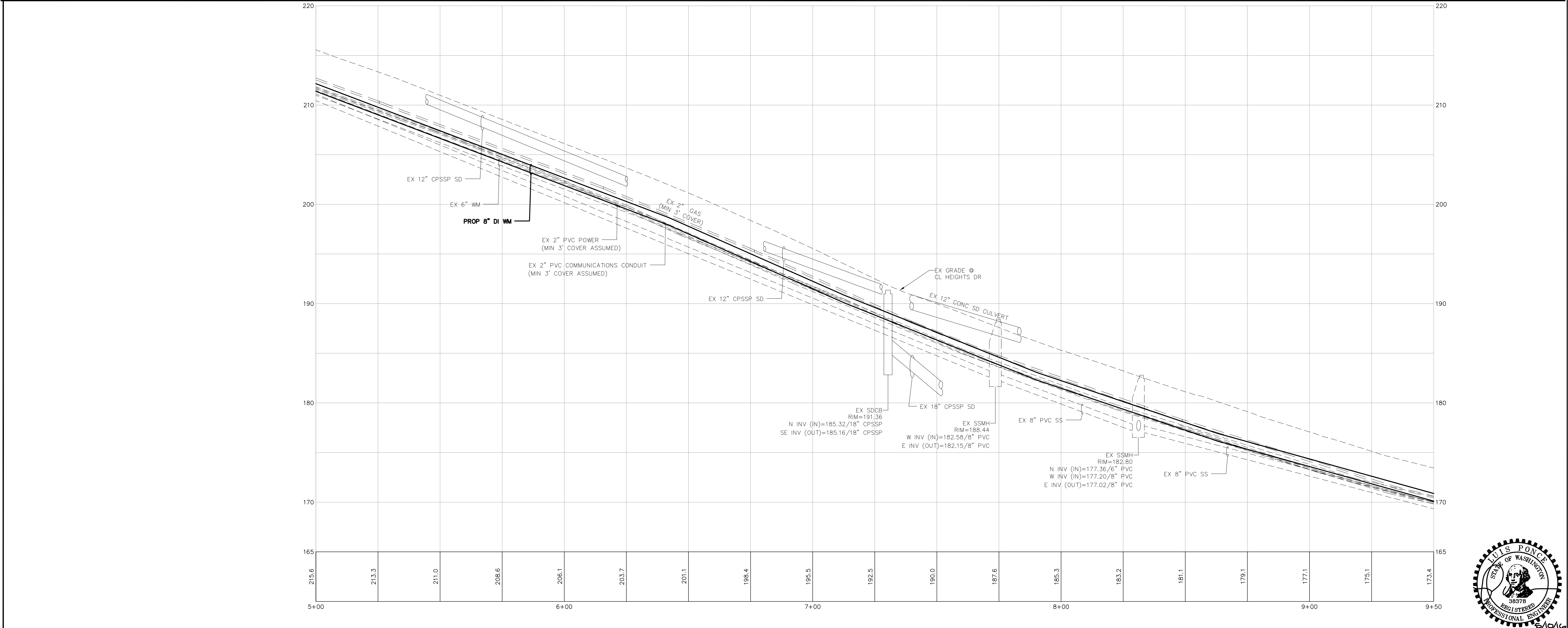
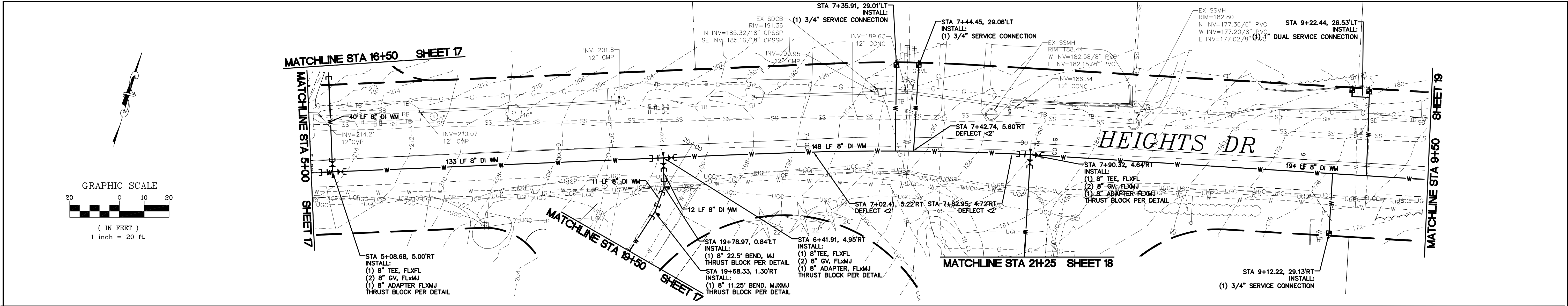
NO.	DATE	DESCRIPTION	BY

CITY OF FERDALE
2095 MAIN ST.
FERDALE, WA 98248

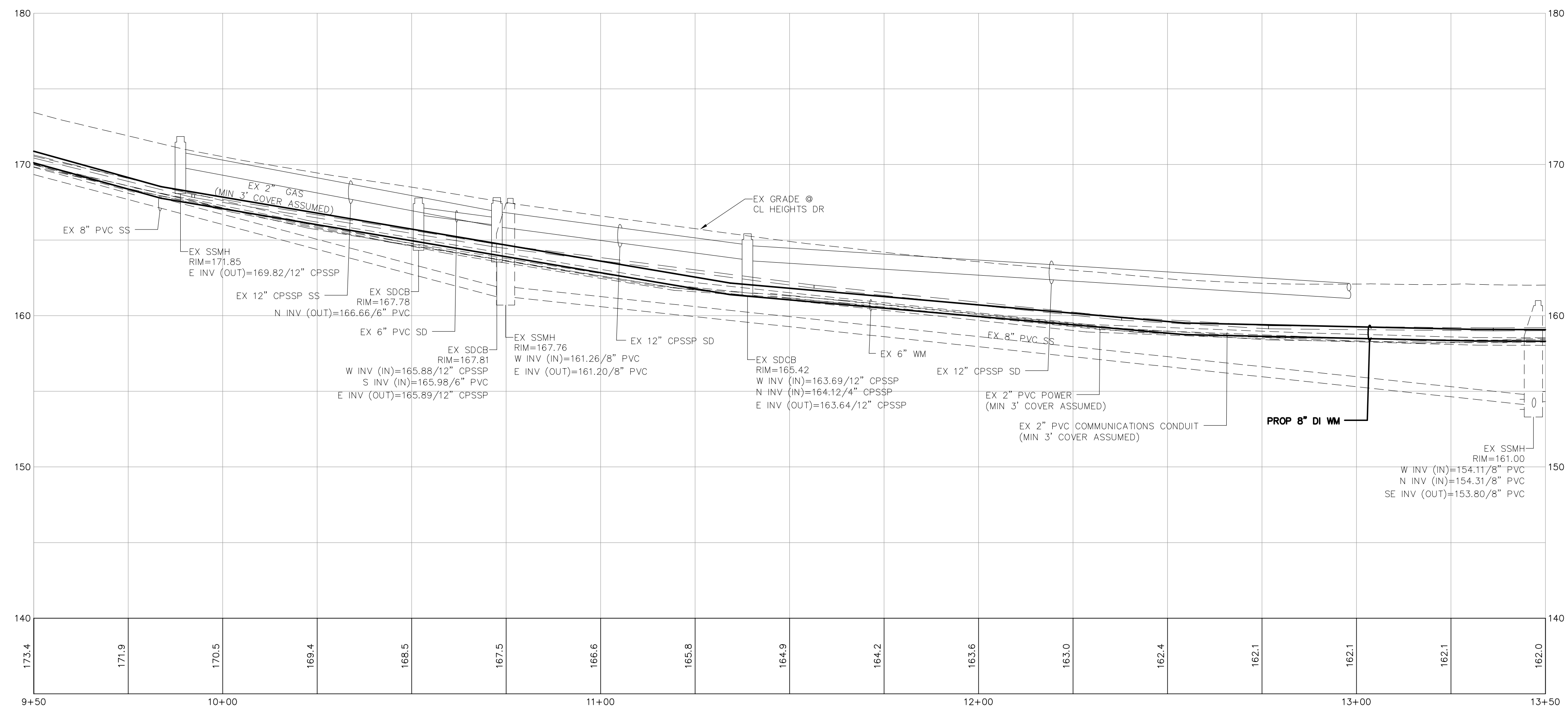
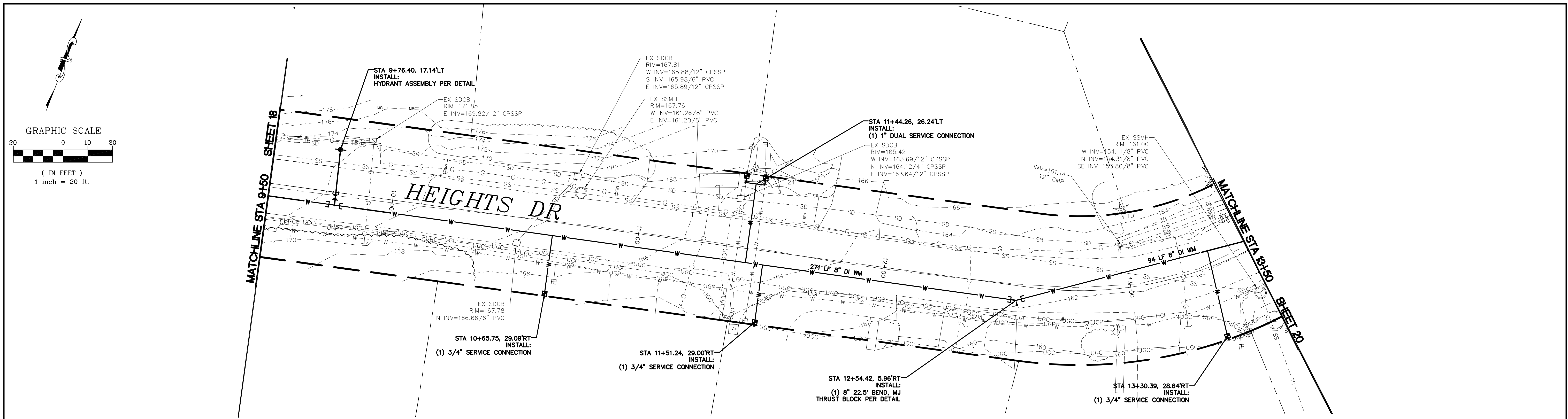
CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
TRAFFIC PLAN HEATHER COURT

DWG 15033 DETAILS save		DATE 5/10/2016	
JOB# 15033	SCALE H: 1"=20' V: 1"=2'	SHEET 16	of 37





BID SET	DESIGNED BY SPB/PJC	R&E Reichhardt & Ebe ENGINEERING INC P.O. Box 978 423 Front Street, Lynden, WA 98264 (360) 354-3687 813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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BID SET

DESIGNED BY
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DRAWN BY
SPB/PJC
CHECKED BY
LP

R&E Reichhardt & Ebe
ENGINEERING INC

P.O. Box 978 | 423 Front Street, Lynden, WA 98264 (360) 354-3687
813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

NO.	DATE	DESCRIPTION	BY

CITY OF FERNDAL
2095 MAIN ST.
FERNDAL, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
PLAN AND PROFILE STA 9+50 - 13+50

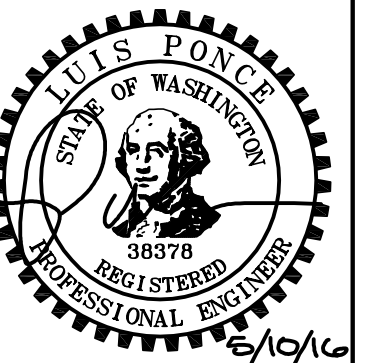
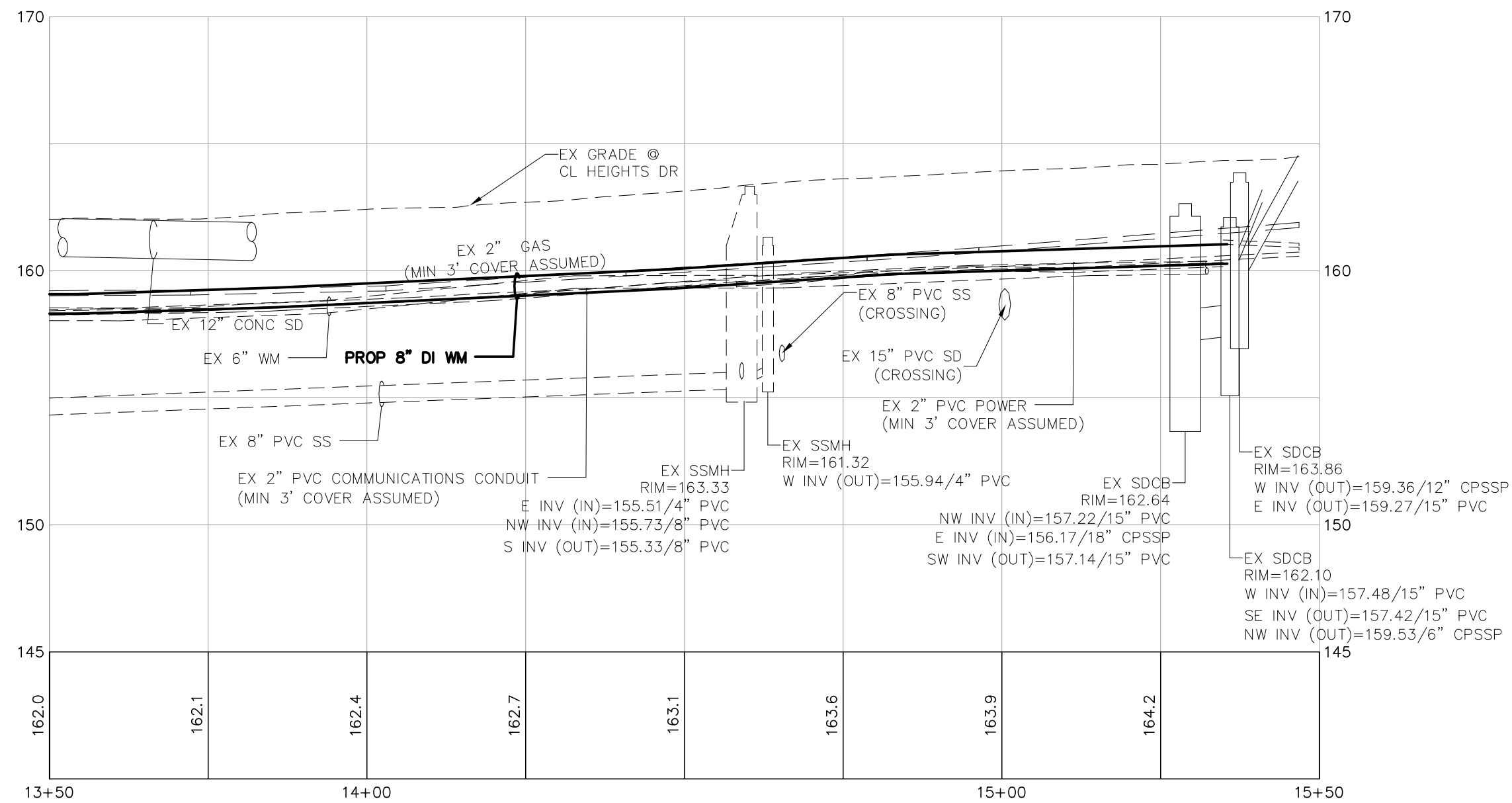
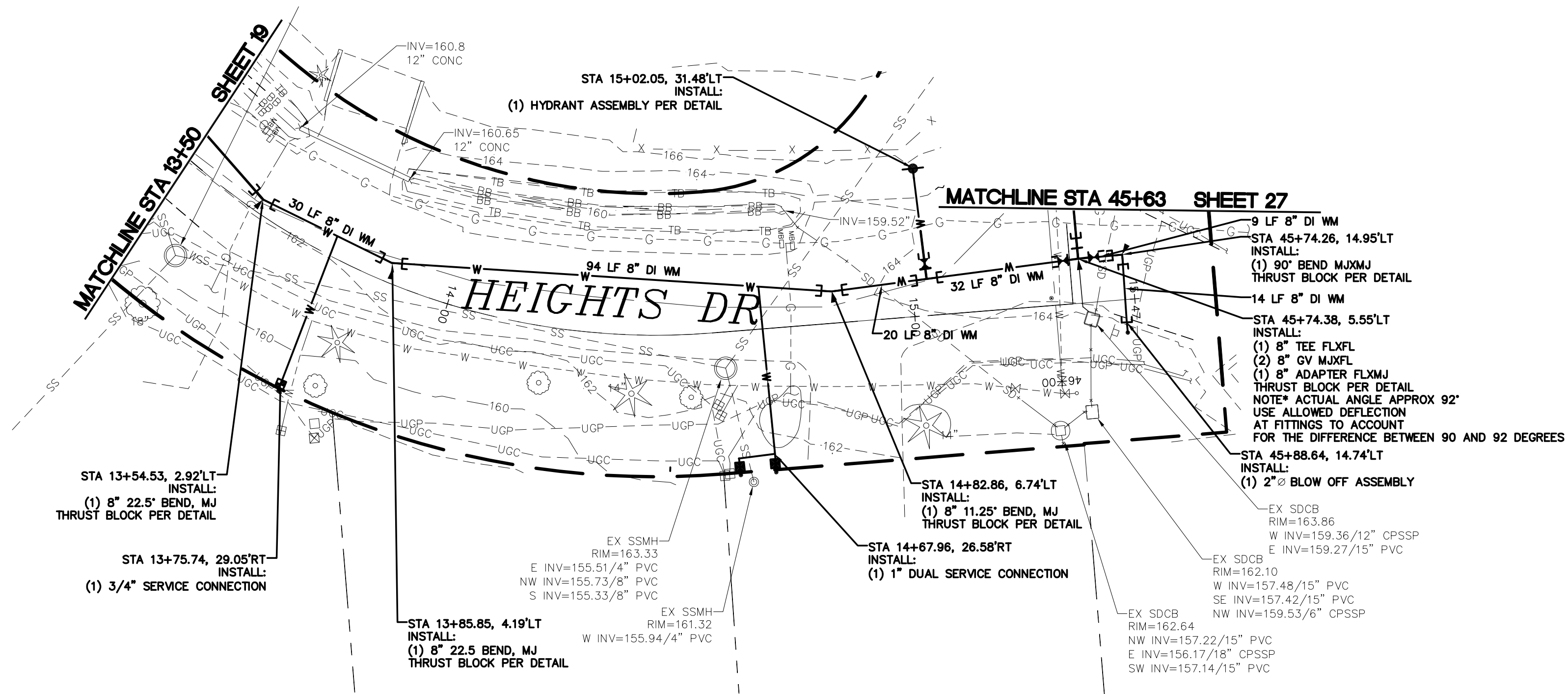
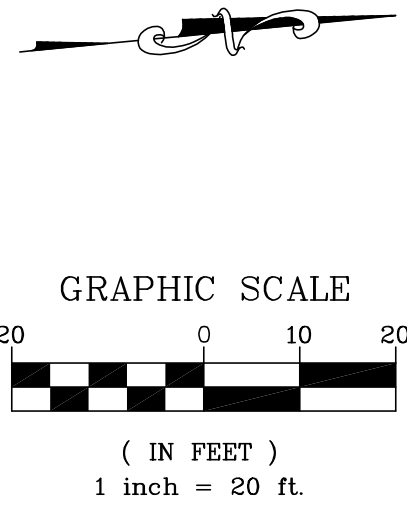
DWG 15033 PROBASE

DATE
5/10/2016

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15033

SCALE
H: 1"=20' V: 1"=5'

SHEET
19
of 37



BID SET

DESIGNED BY
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DRAWN BY
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R&E Reichhardt & Ebe
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P.O. Box 978 | 423 Front Street, Lynden, WA 98264 (360) 354-3687
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NO.	DATE	DESCRIPTION	BY

CITY OF FERNDALE
2095 MAIN ST.
FERNDALE, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
PLAN AND PROFILE STA 13+50 - 15+33

DWG 15033 PROBASE

JOB#

15033

SCALE

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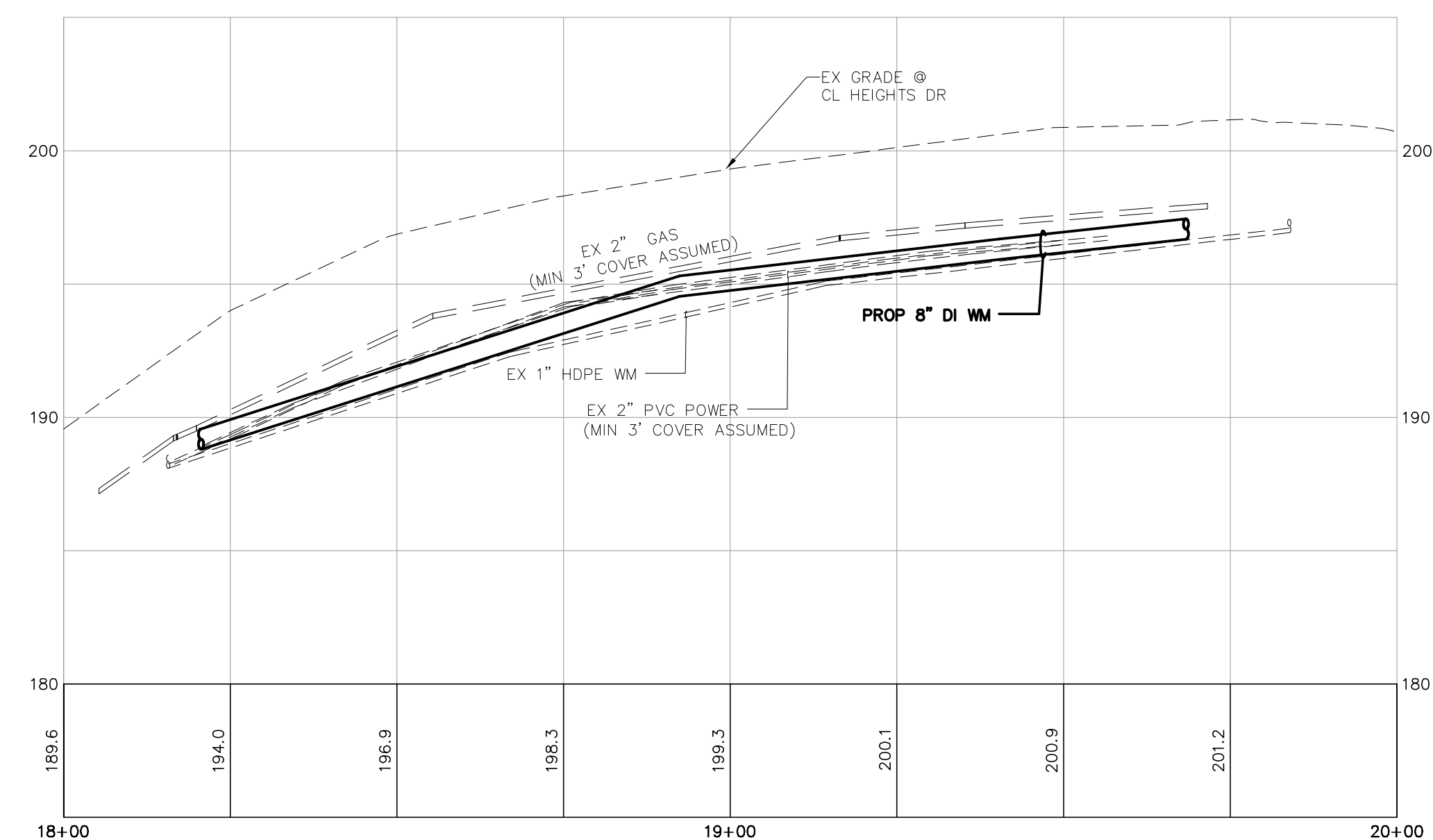
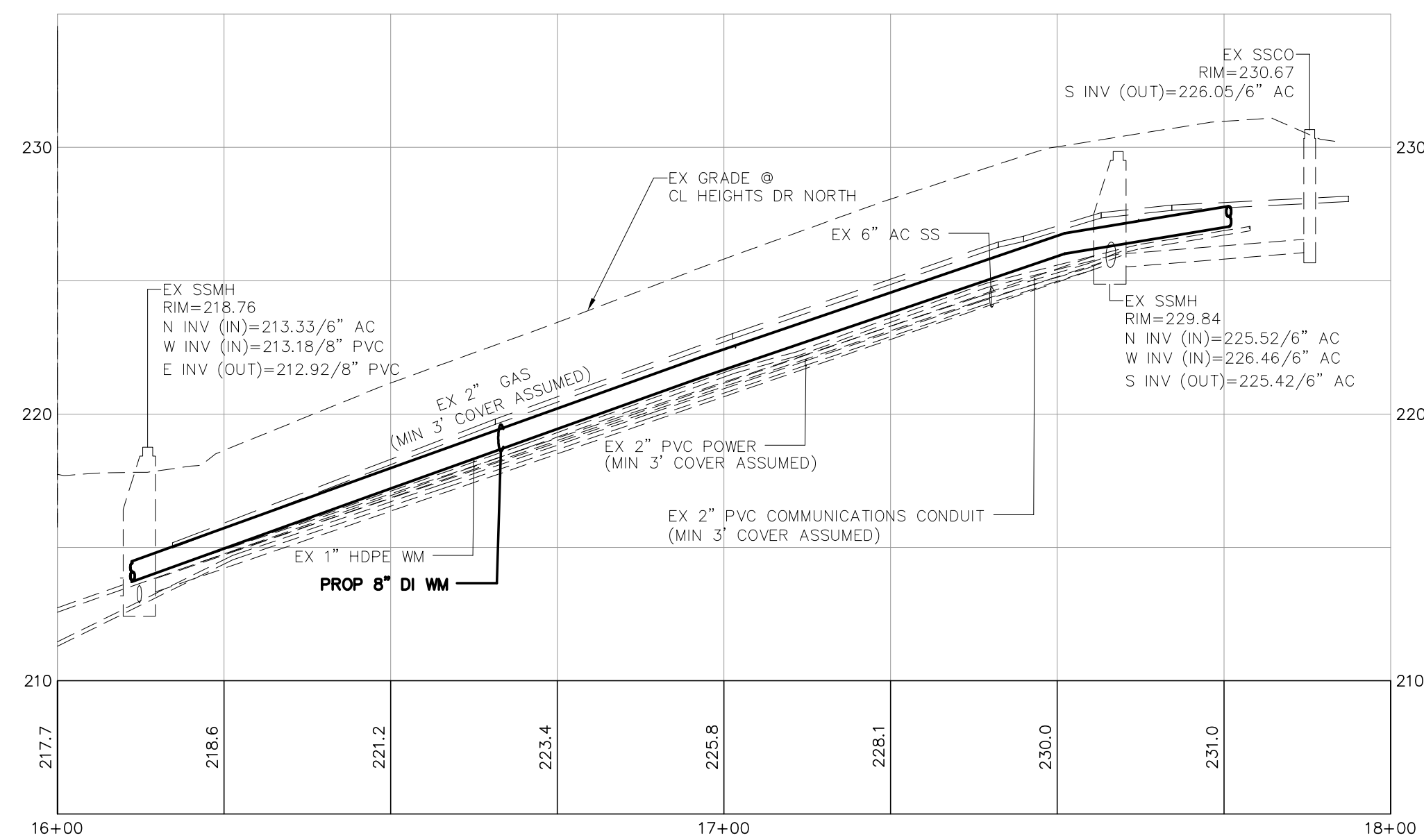
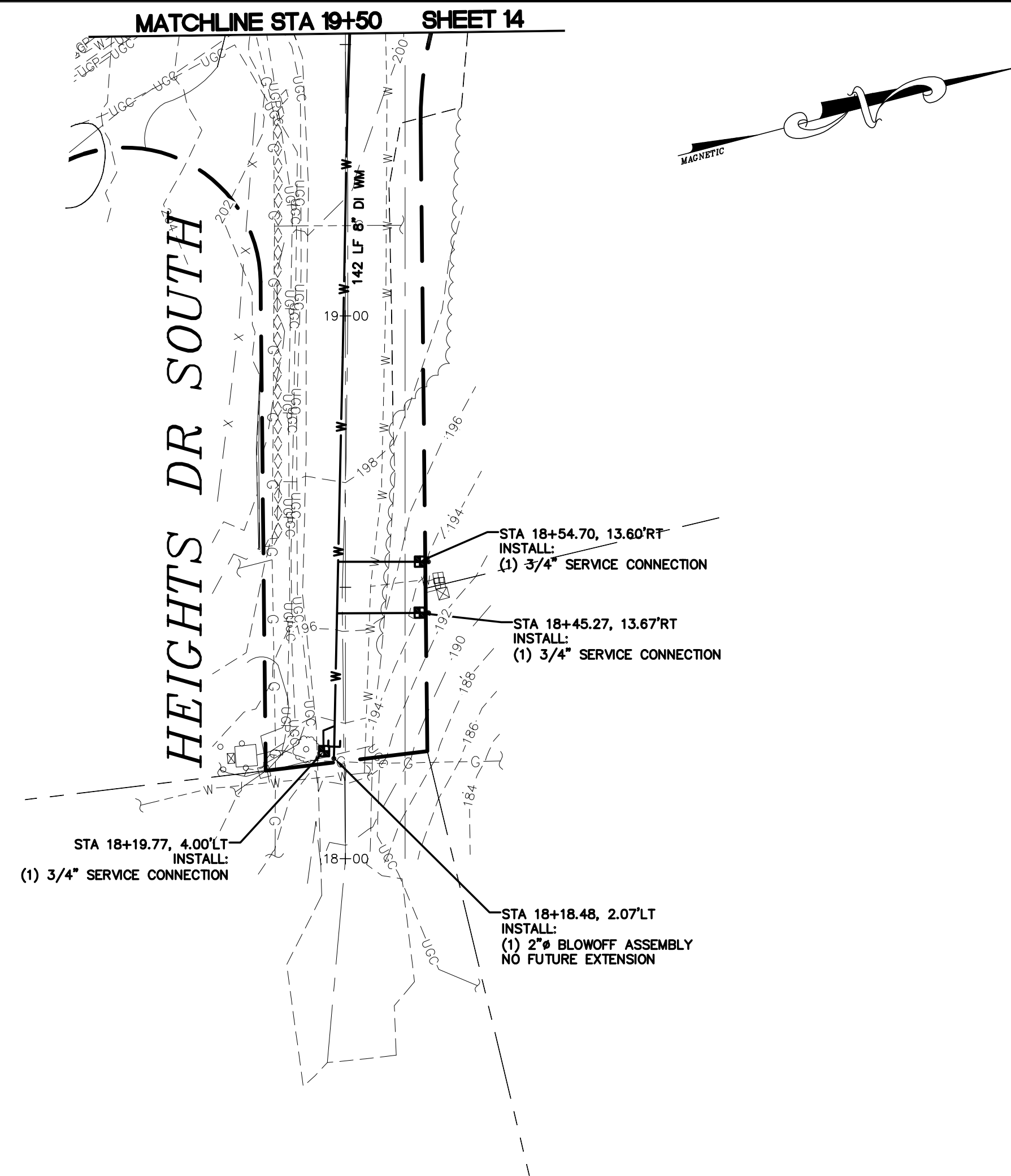
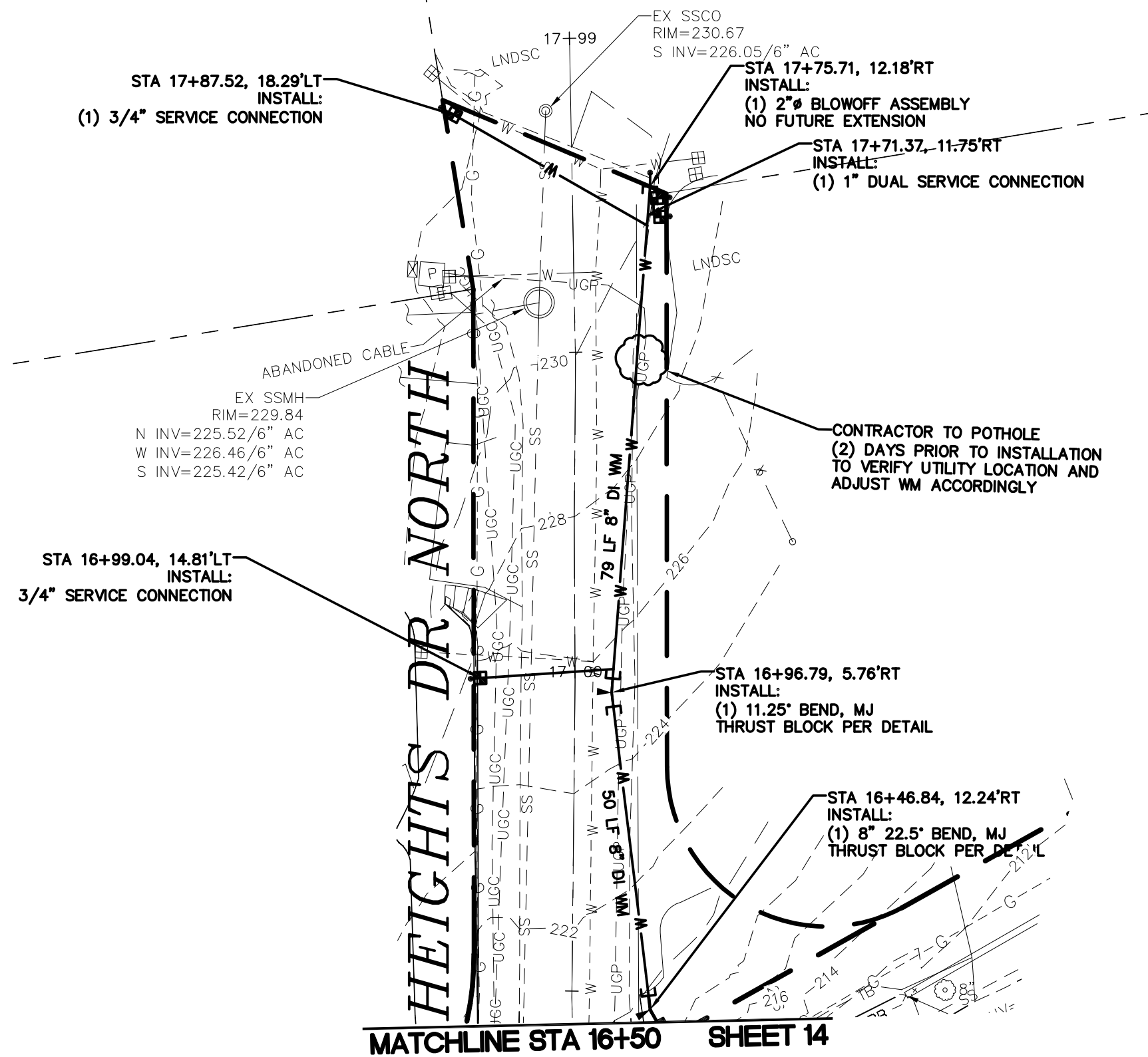
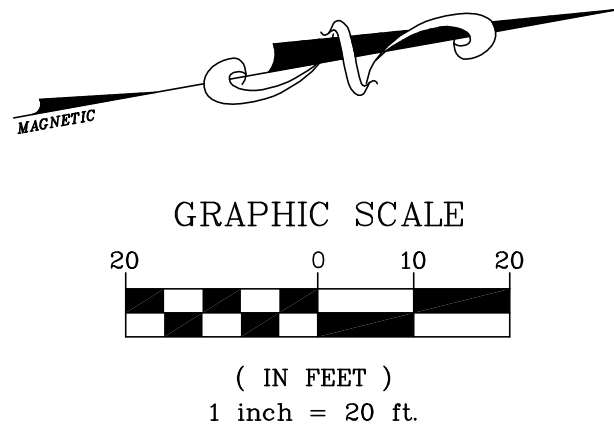
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SHEET

20

of 37



BID SET

DESIGNED BY
SPB/PJC
DRAWN BY
SPB/PJC
CHECKED BY
LP



Reichhardt & Ebe
ENGINEERING INC

P.O. Box 978 | 423 Front Street, Lynden, WA 98264 (360) 354-3687
813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

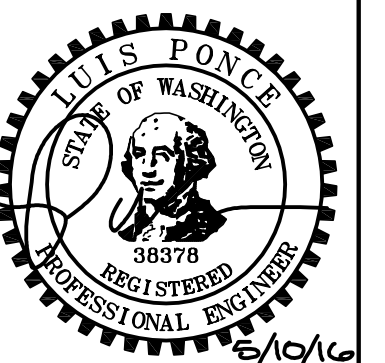
NO.	DATE	DESCRIPTION	BY

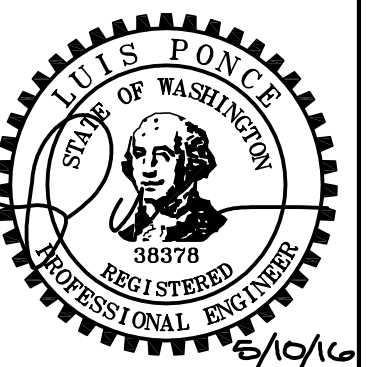
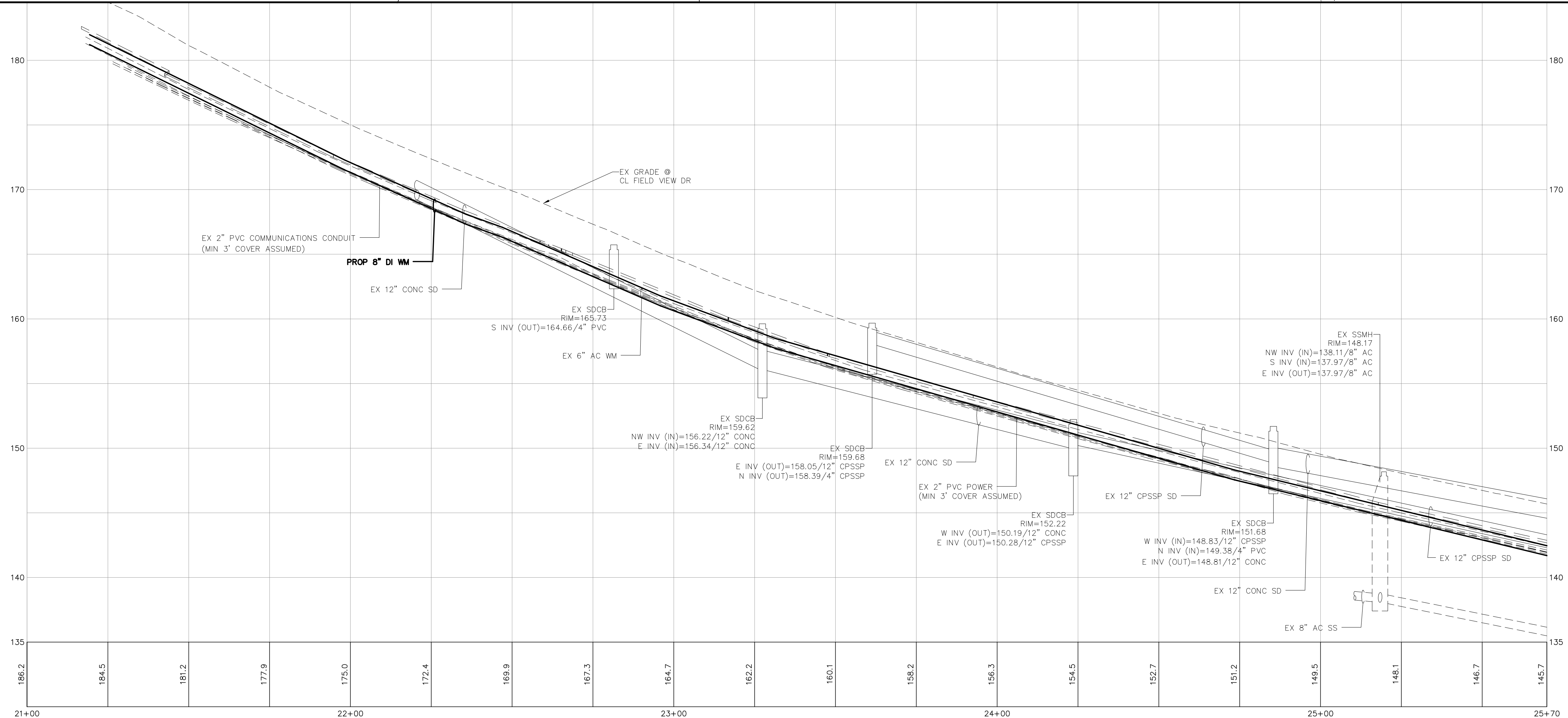
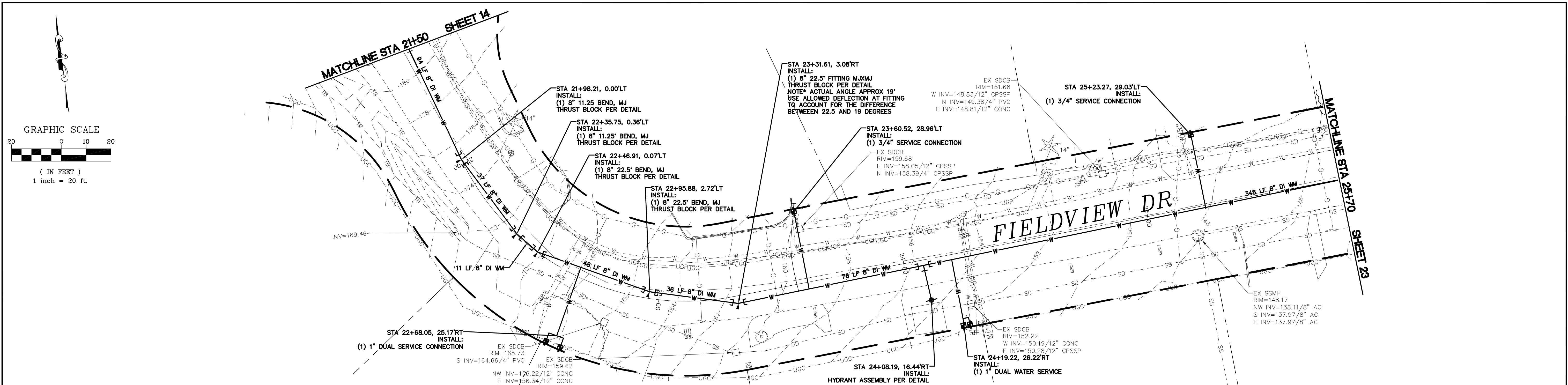
CITY OF FERNDAL
2095 MAIN ST.
FERNDAL, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
PLAN AND PROFILE STA 16+50 - 17+99 and 18+00 - 20+00

DWG 15033 PROBASE
JOB# 15033
SCALE
H: 1"=20' V: 1"=5'

DATE 5/10/2016
SHEET 21
of 37





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NO.	DATE	DESCRIPTION	BY

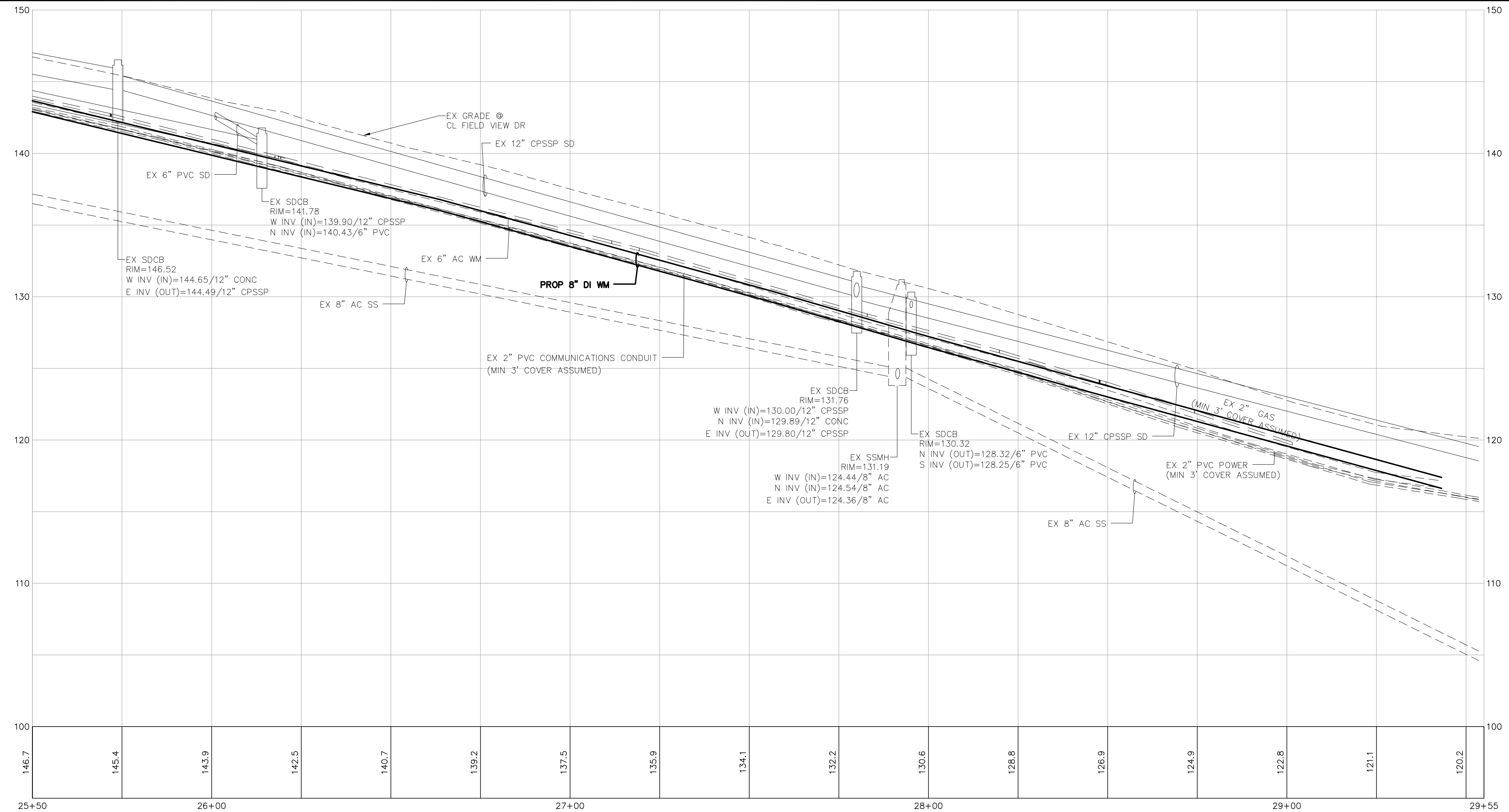
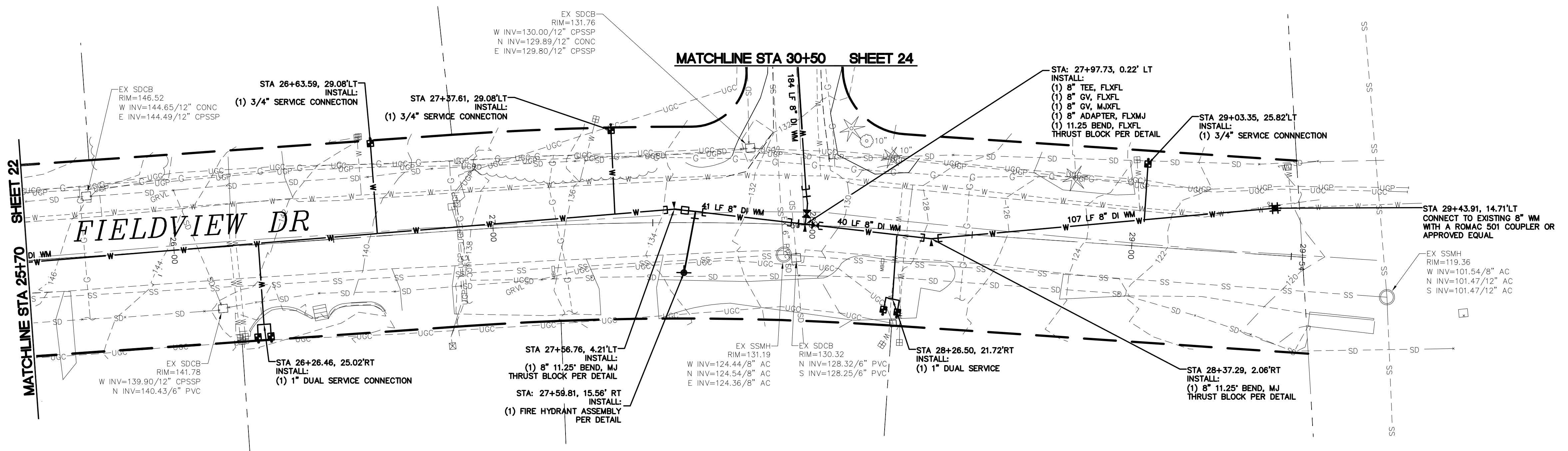
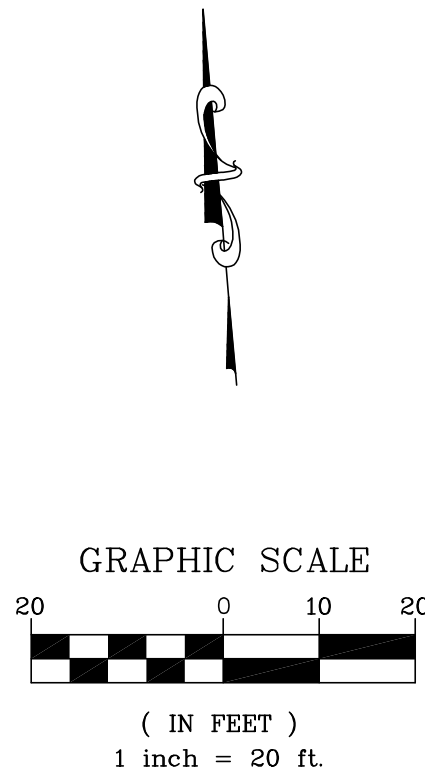
CITY OF FERNDAL
2095 MAIN ST.
FERNDAL, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
PLAN AND PROFILE STA 21+00 - 25+70

DWG 15033 PROBASE
JOB# 15033

SCALE
H: 1"=20' V: 1"=5'

DATE 5/10/2016
SHEET 22
of 37



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SPB/PJC
CHECKED BY
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ENGINEERING INC
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813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

NO.	DATE	DESCRIPTION	BY

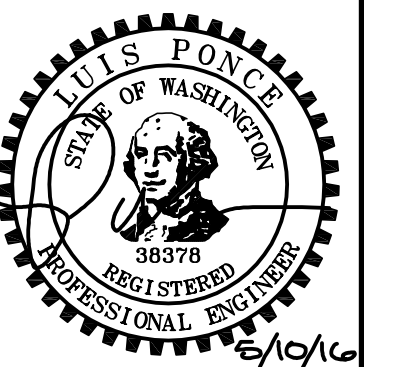
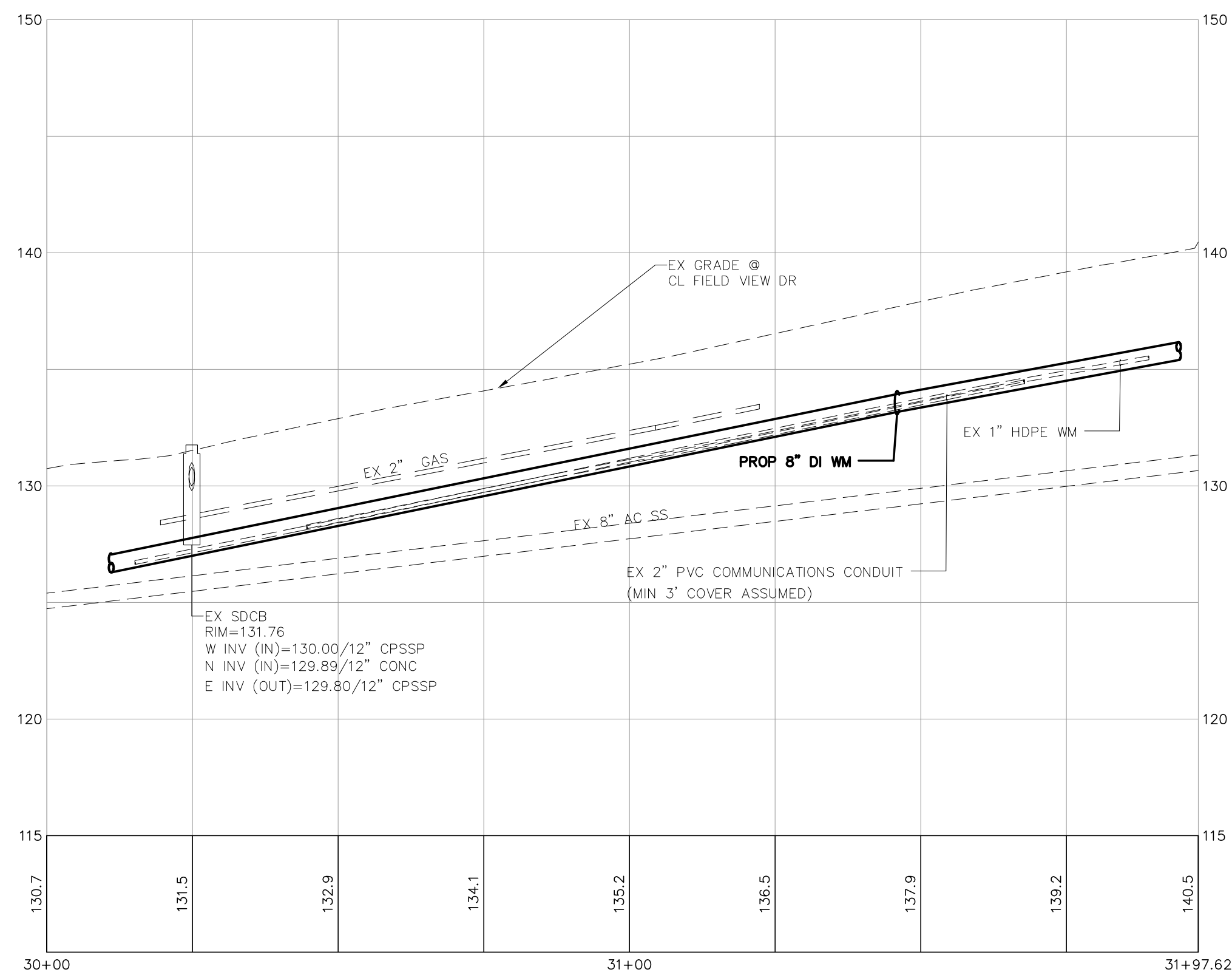
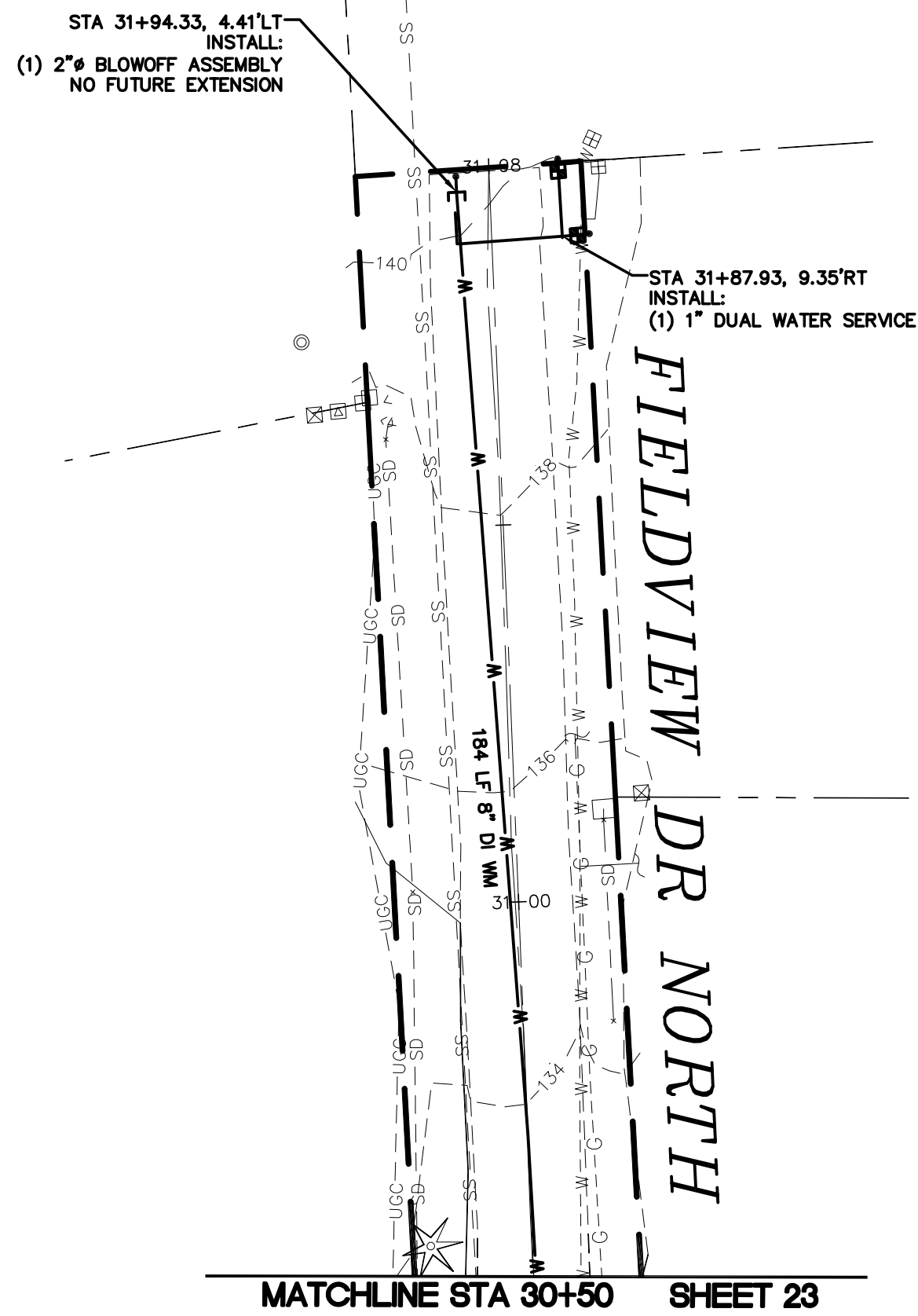
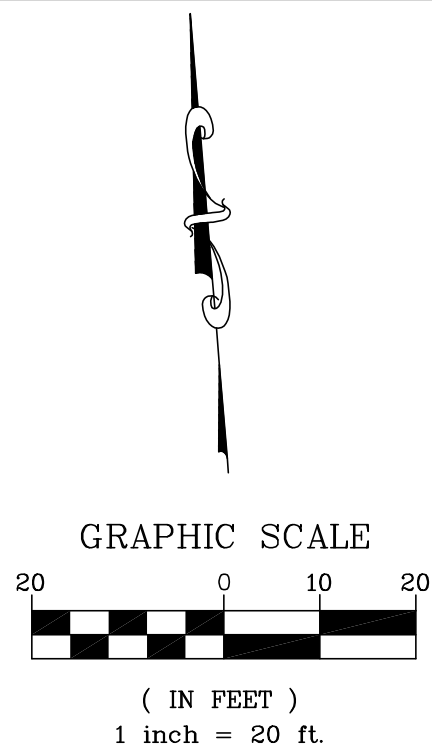
CITY OF FERNDAL
2095 MAIN ST.
FERNDAL, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
PLAN AND PROFILE STA 25+70 - 29+53

DWG 15033 PROBASE
JOB# 15033

SCALE
H: 1"=20' V: 1"=5'

DATE 5/10/2016
SHEET 23
of 37



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813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

NO.	DATE	DESCRIPTION	BY	

CITY OF FERNDAL
2095 MAIN ST.
FERNDAL, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
PLAN AND PROFILE STA 30+50 - 31+98

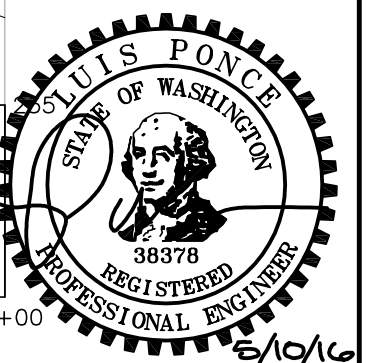
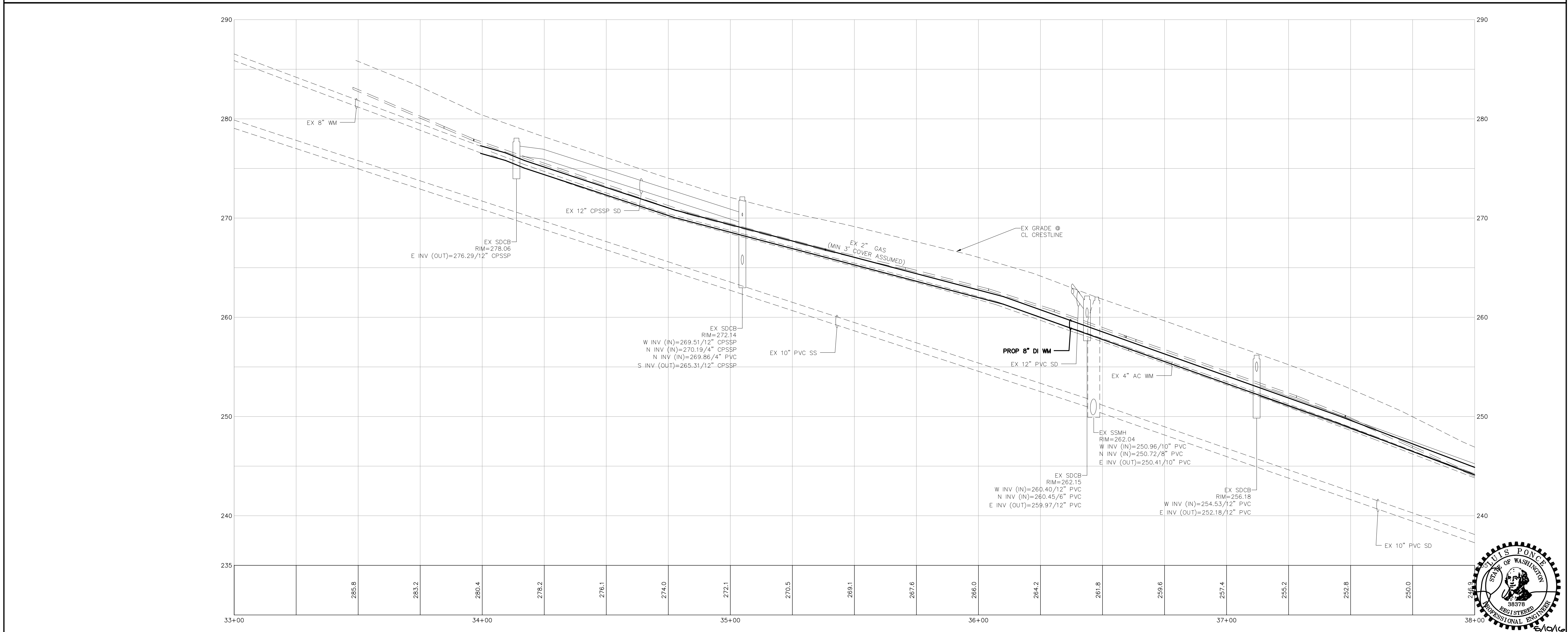
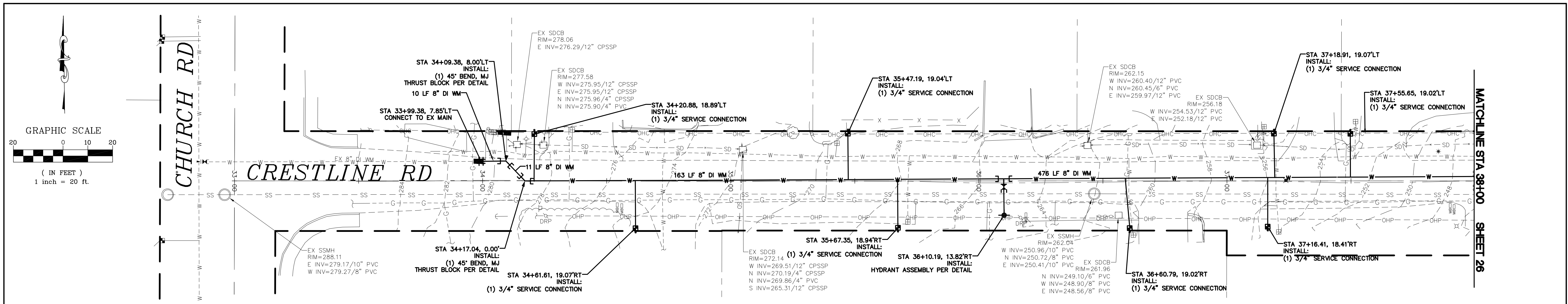
DWG 15033 PROBASE

JOB#
15033

SCALE
H: 1"=20' V: 1"=2'

DATE
5/10/2016

SHEET
24
of 37



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SPB/PJC
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NO.	DATE	DESCRIPTION	BY

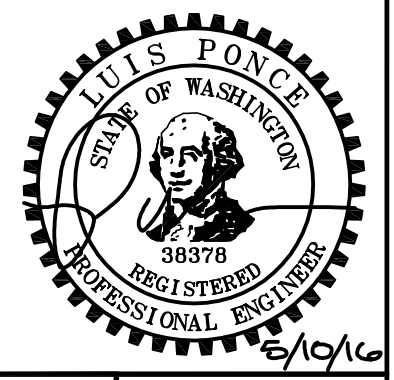
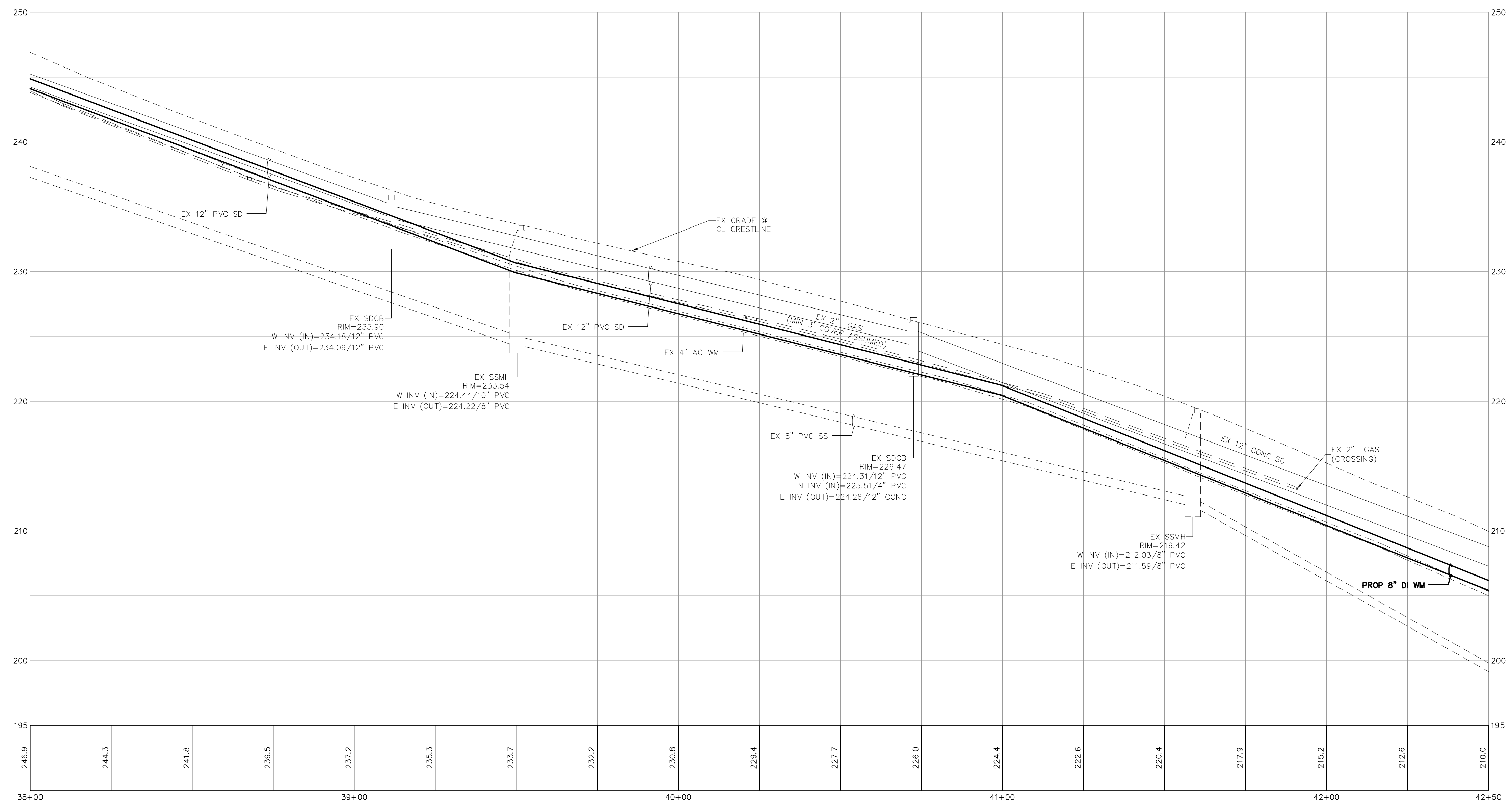
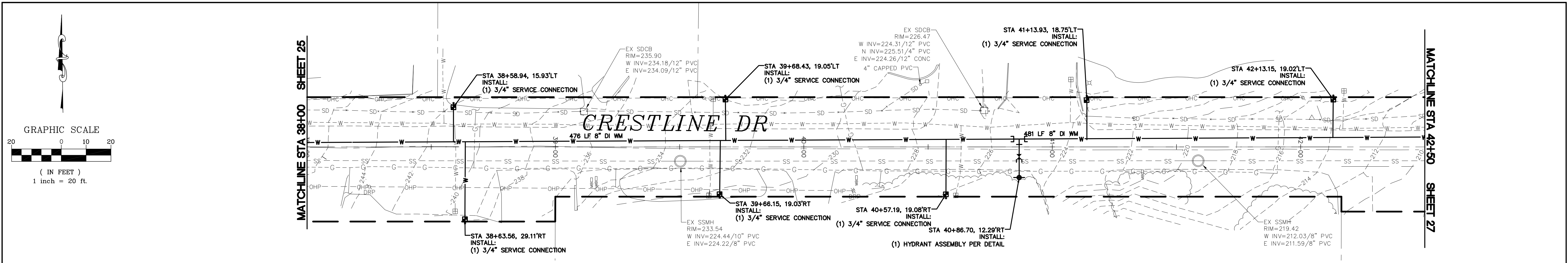
CITY OF FERNDAL
2095 MAIN ST.
FERNDAL, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
PLAN AND PROFILE STA 33+00 - 38+00

DWG 15033 PROBASE
JOB# 15033

SCALE
H: 1"=20' V: 1"=5'

DATE 5/10/2016
SHEET 25
of 37



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813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

NO.	DATE	DESCRIPTION	BY

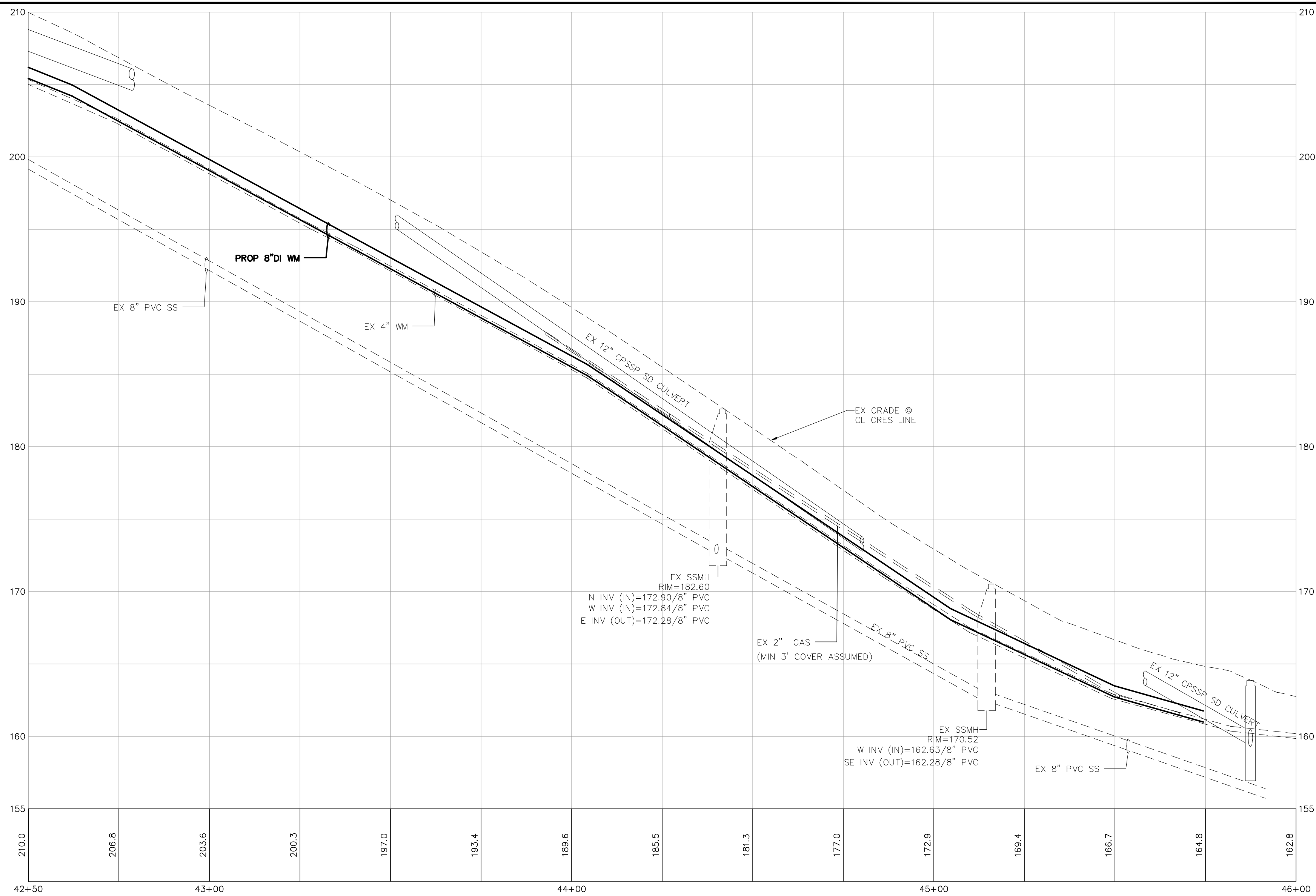
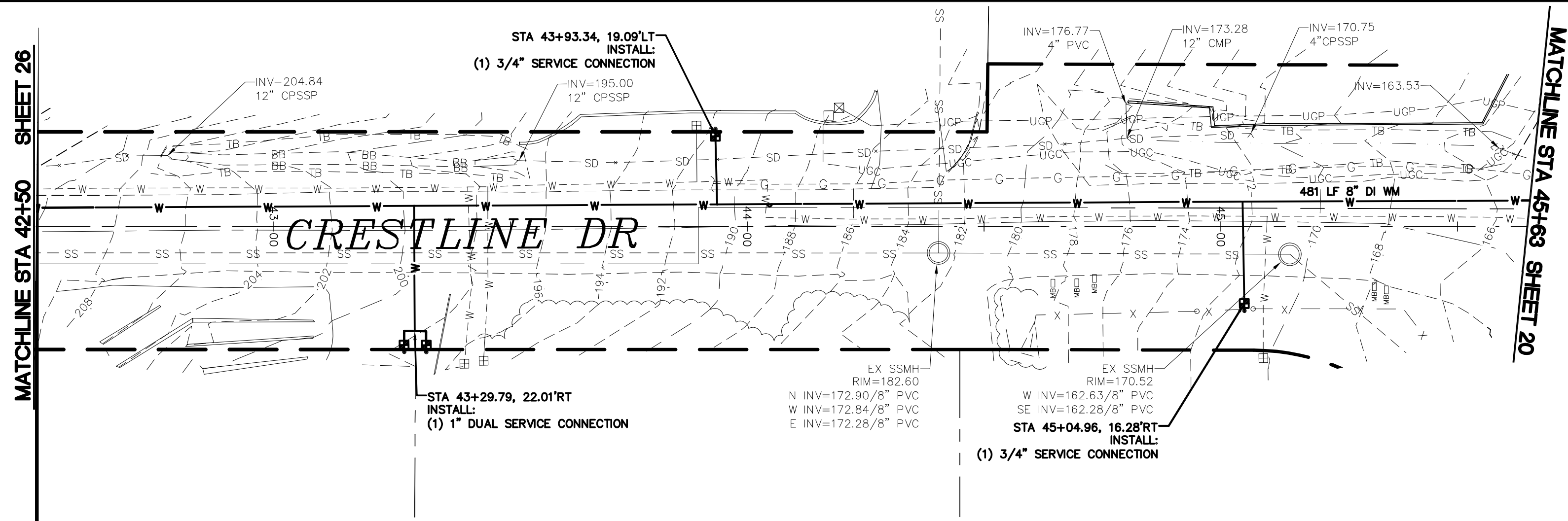
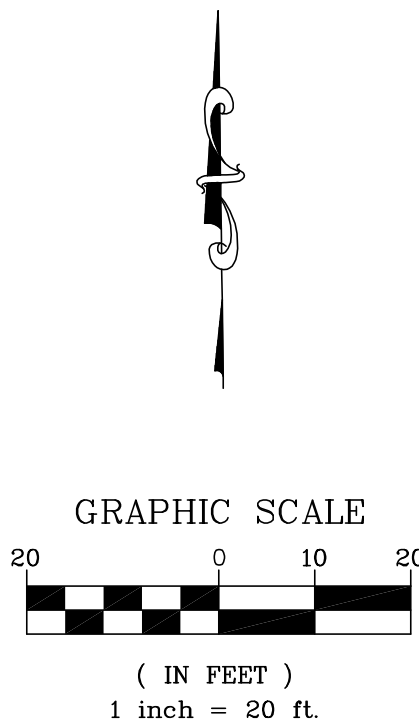
CITY OF FERNDAL
2095 MAIN ST.
FERNDAL, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
PLAN AND PROFILE STA 38+00 - 42+50

DWG 15033 PROBASE
JOB# 15033

SCALE
H: 1"=20' V: 1"=5'

DATE 5/10/2016
SHEET 26
of 37



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SPB/PJC
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813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

NO.	DATE	DESCRIPTION	BY

CITY OF FERNDAL
2095 MAIN ST.
FERNDAL, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
PLAN AND PROFILE STA 42+50 - 46+00

DWG 15033 PROBASE

JOB#

15033

SCALE

H: 1"=20'

V: 1"=5'

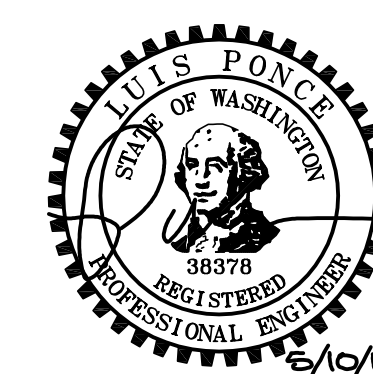
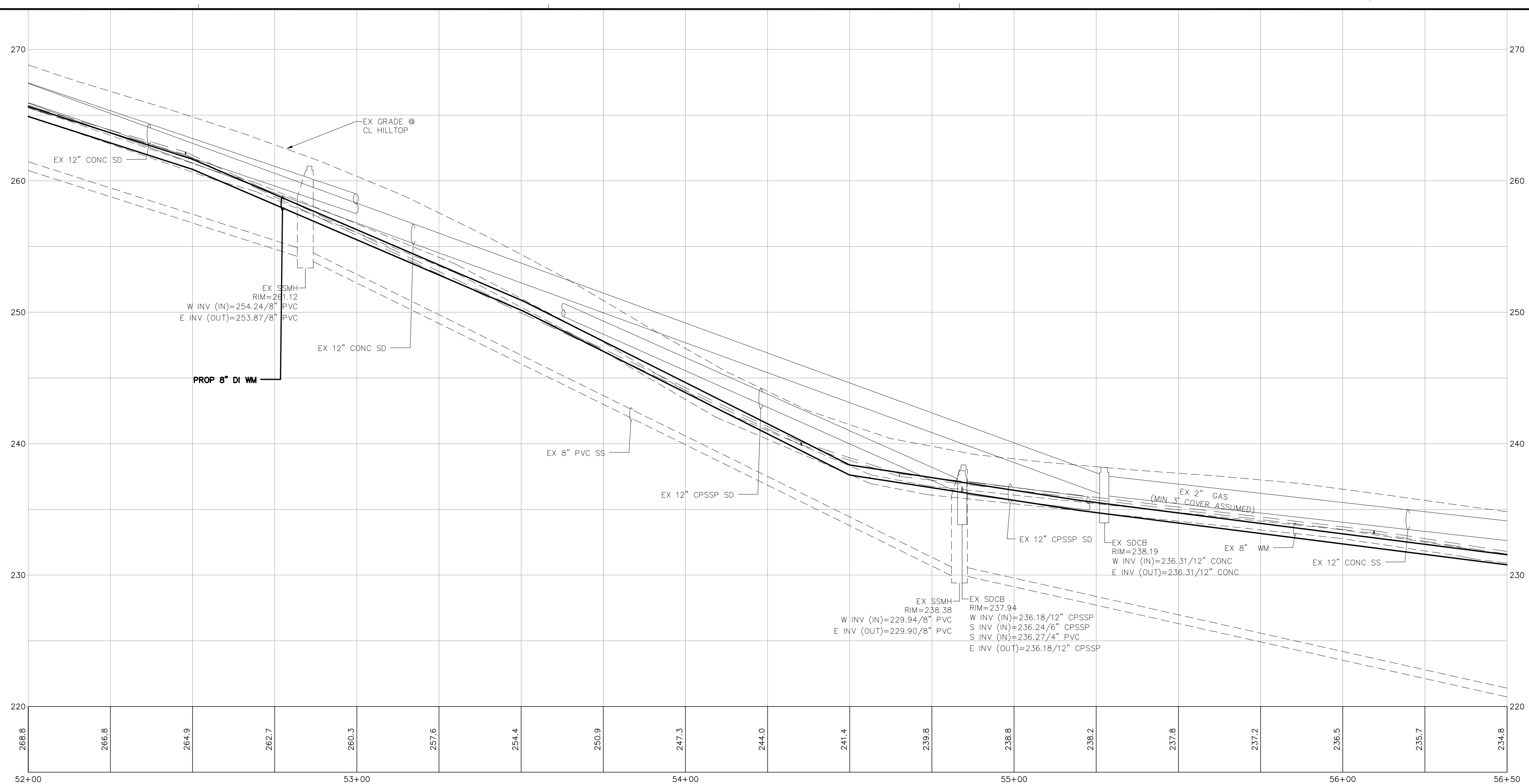
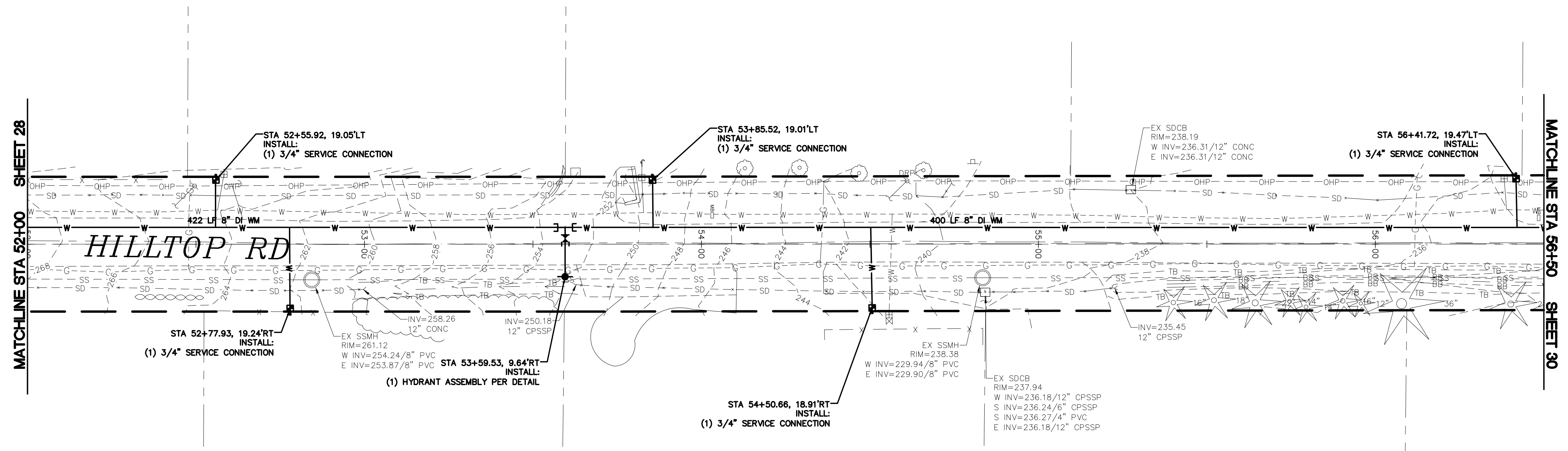
DATE

5/10/2016

SHEET

27

of 37



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CHECKED BY	IP

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NO.	DATE	DESCRIPTION	BY

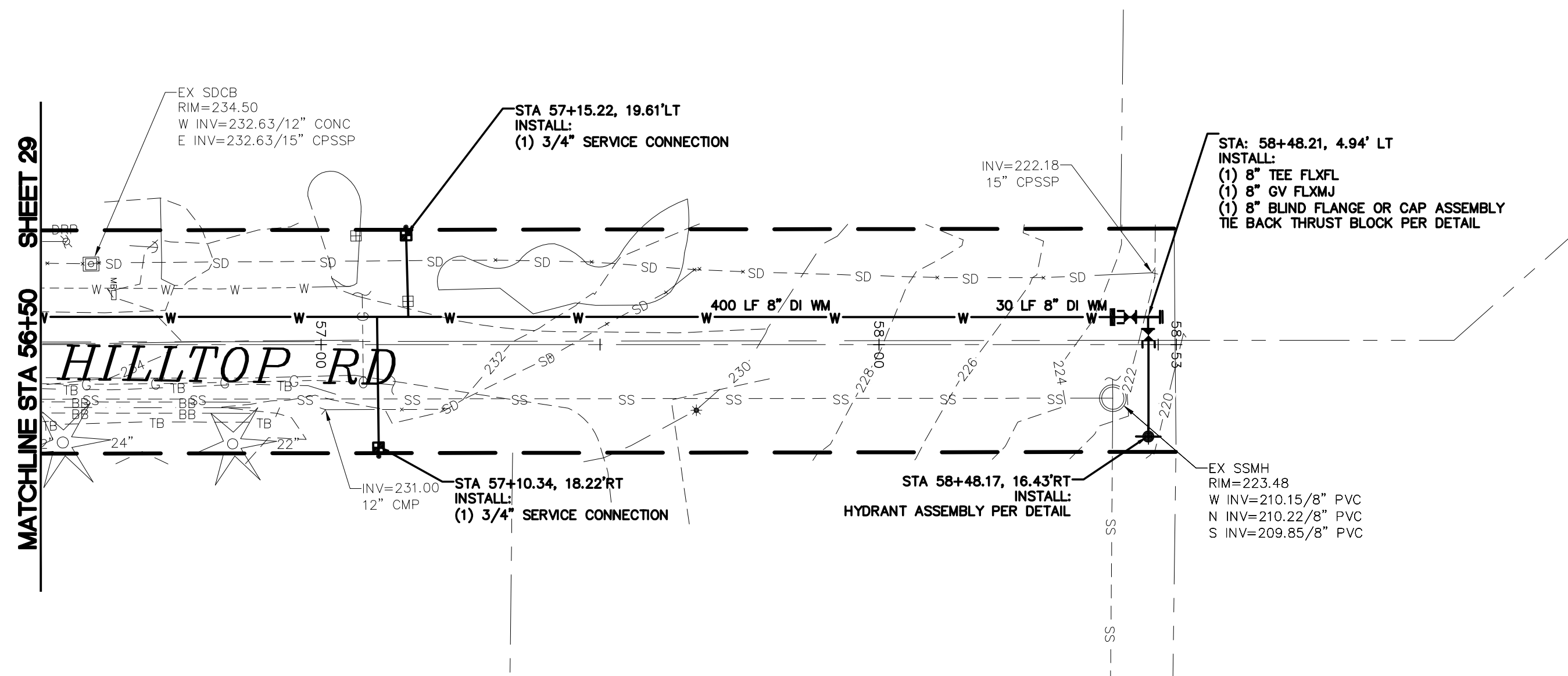
CITY OF FERNDALE
2095 MAIN ST.
FERNDALE, WA 98248

CONSOLIDATION OF CENTRAL CITY WATER ASSOCIATION PLAN AND PROFILE STA 52+00 - 56+50

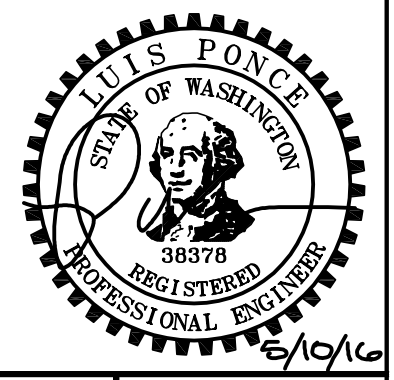
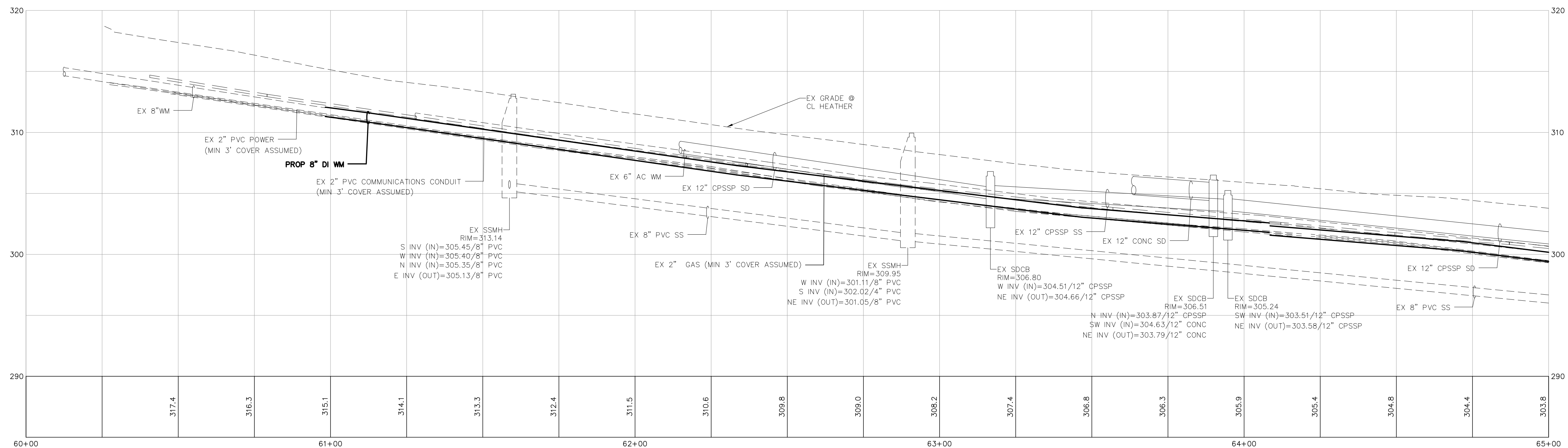
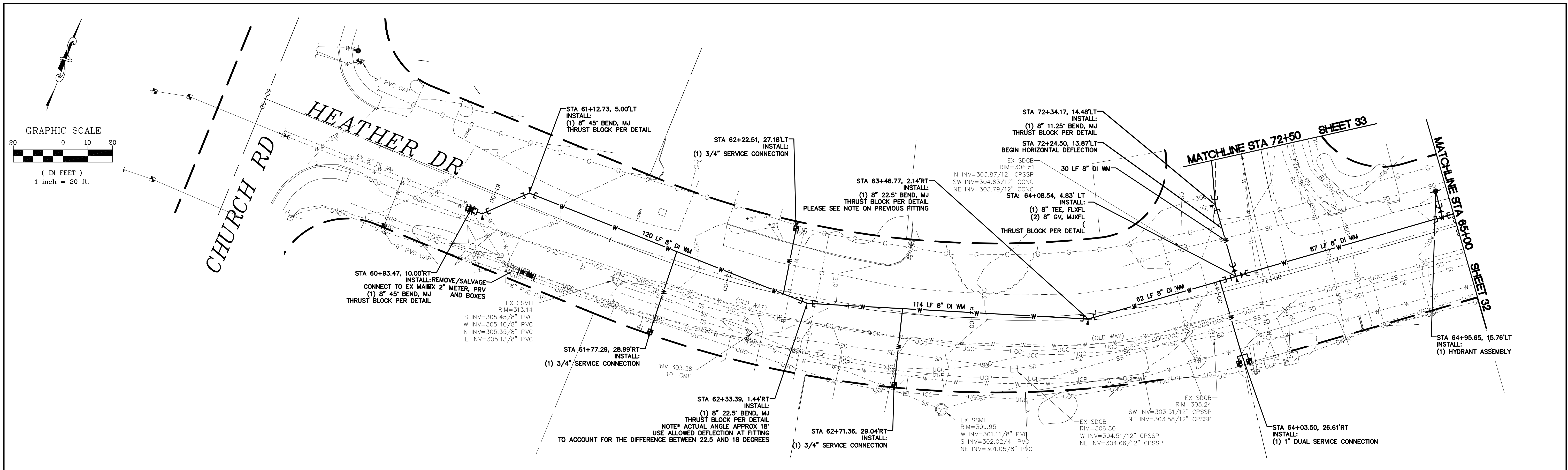
DWG 15033 PROBASE	
JOB# 15033	SCALE H

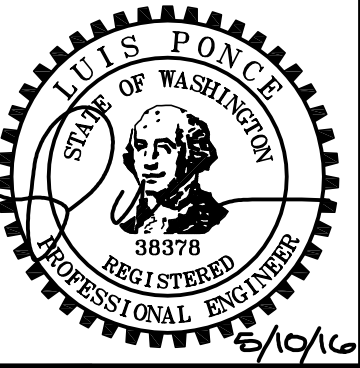
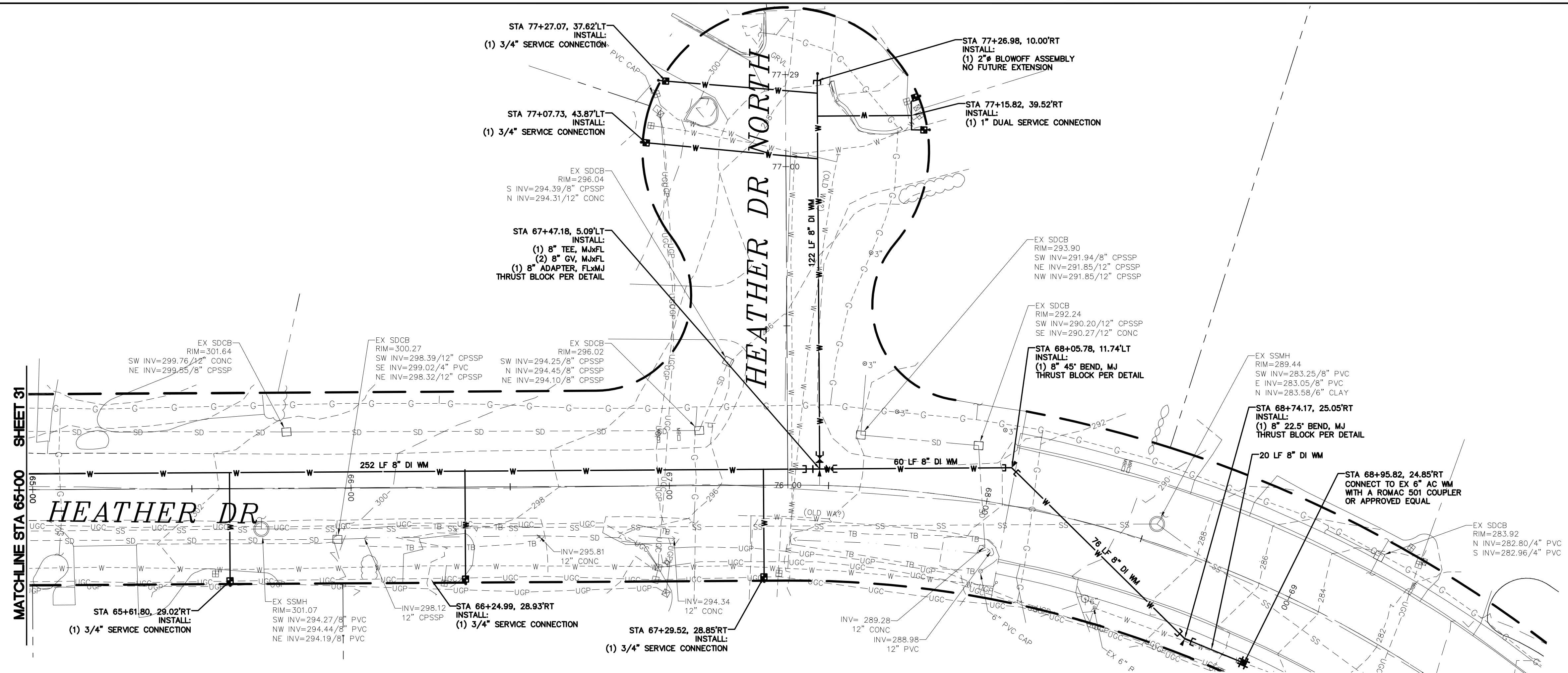
SCALE
H: 1"=20' V: 1"=5'

DATE	5/10/2016
SHEET	29 of 37

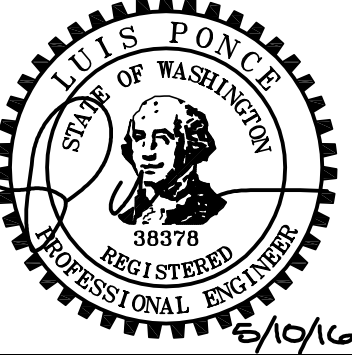
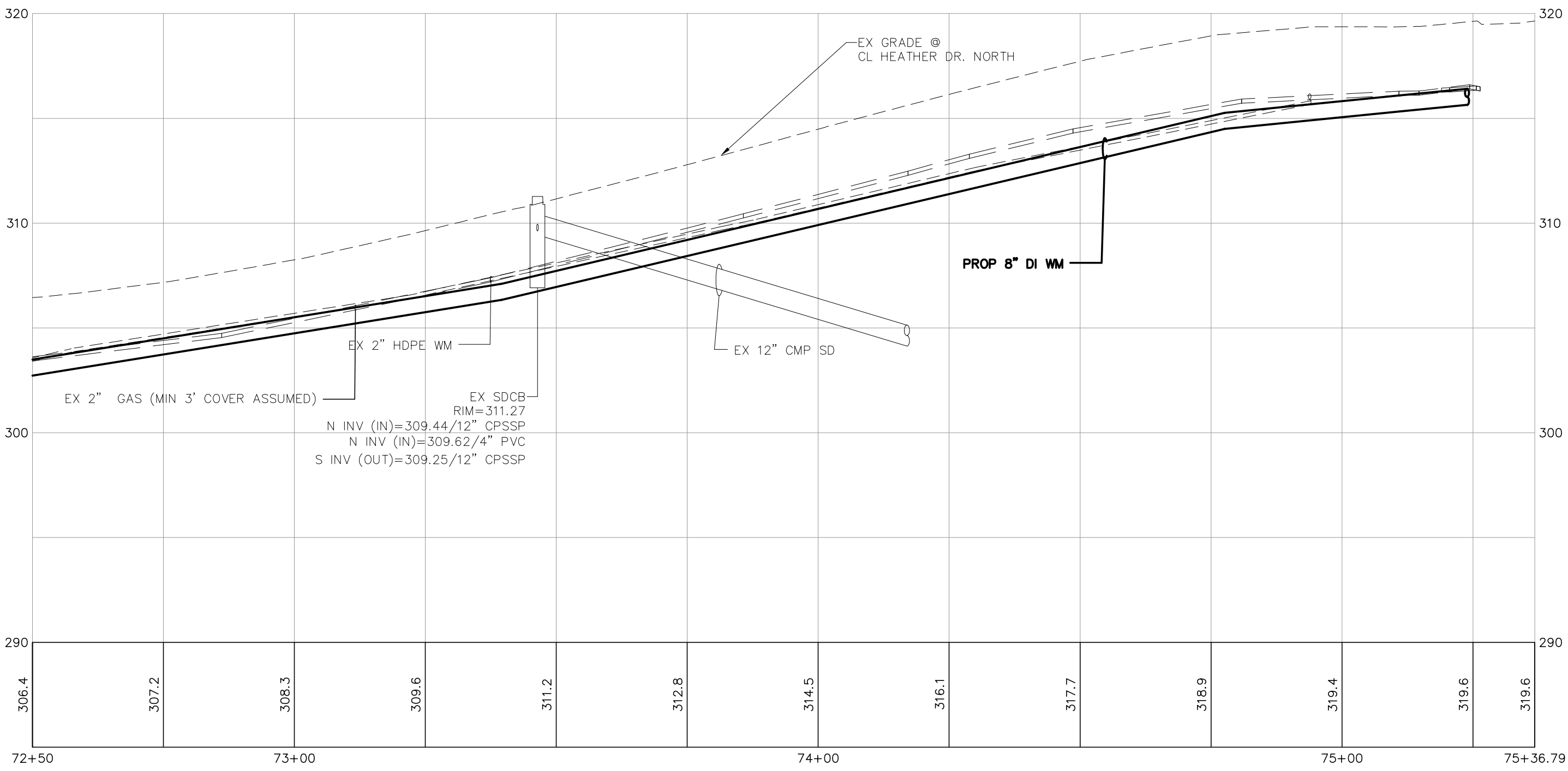
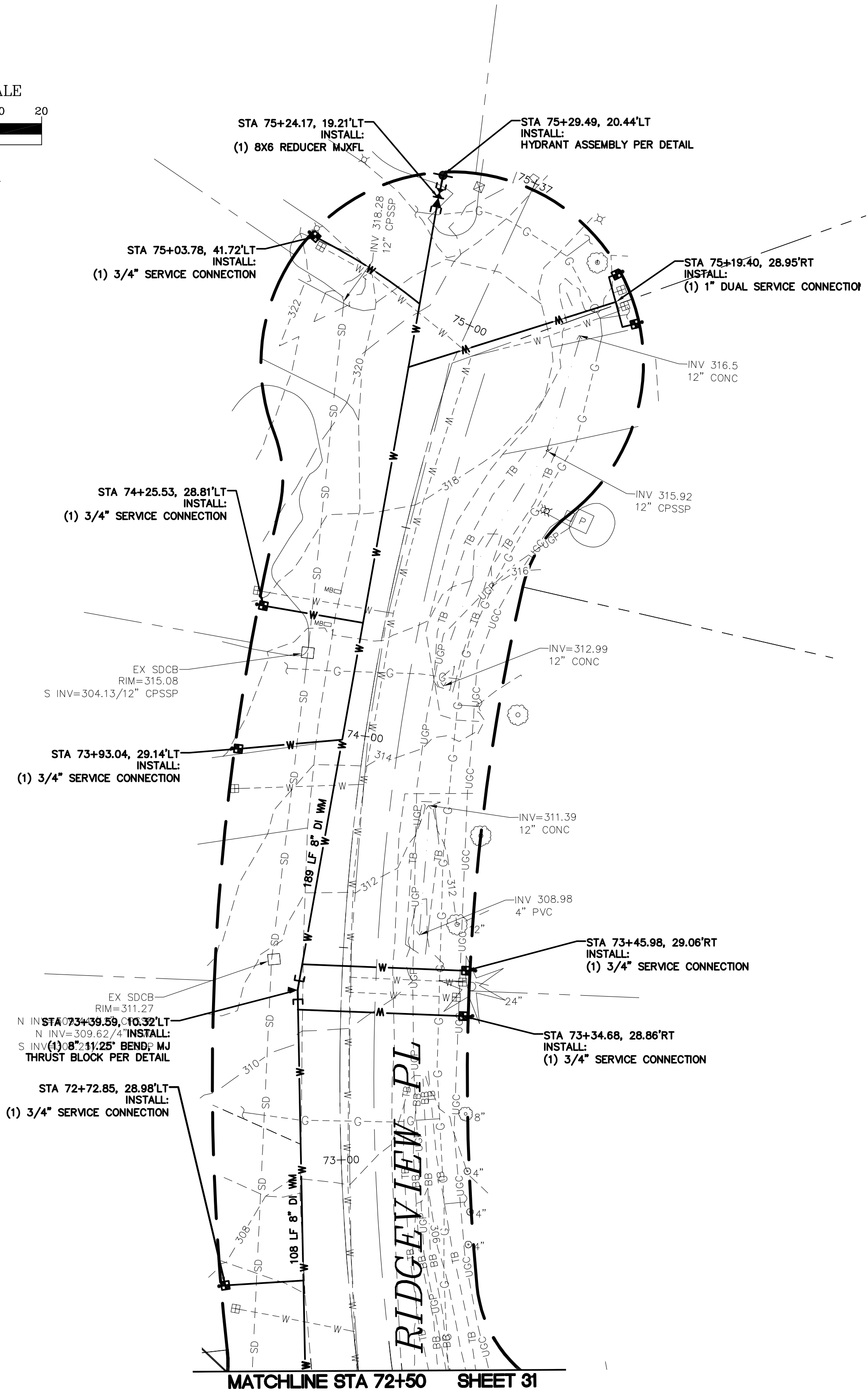
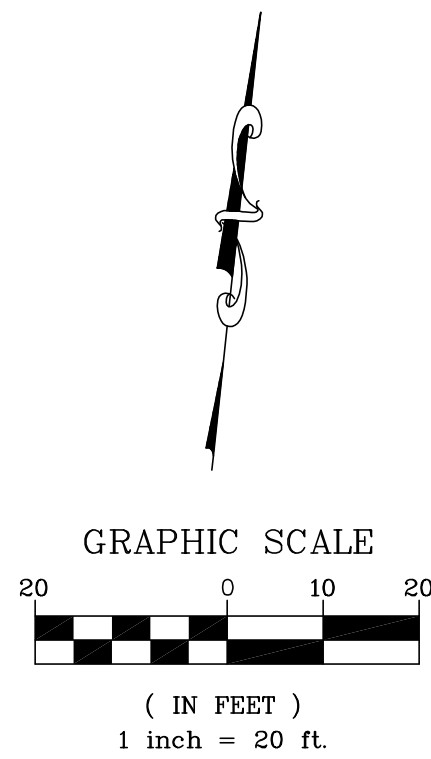


DWG 15033 PROBASE		DATE 5/10/2016
JOB# 15033	SCALE H: 1"=20' V: 1"=5'	SHEET 30 of 37





SHEET 32 of 37



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SPB/PJC
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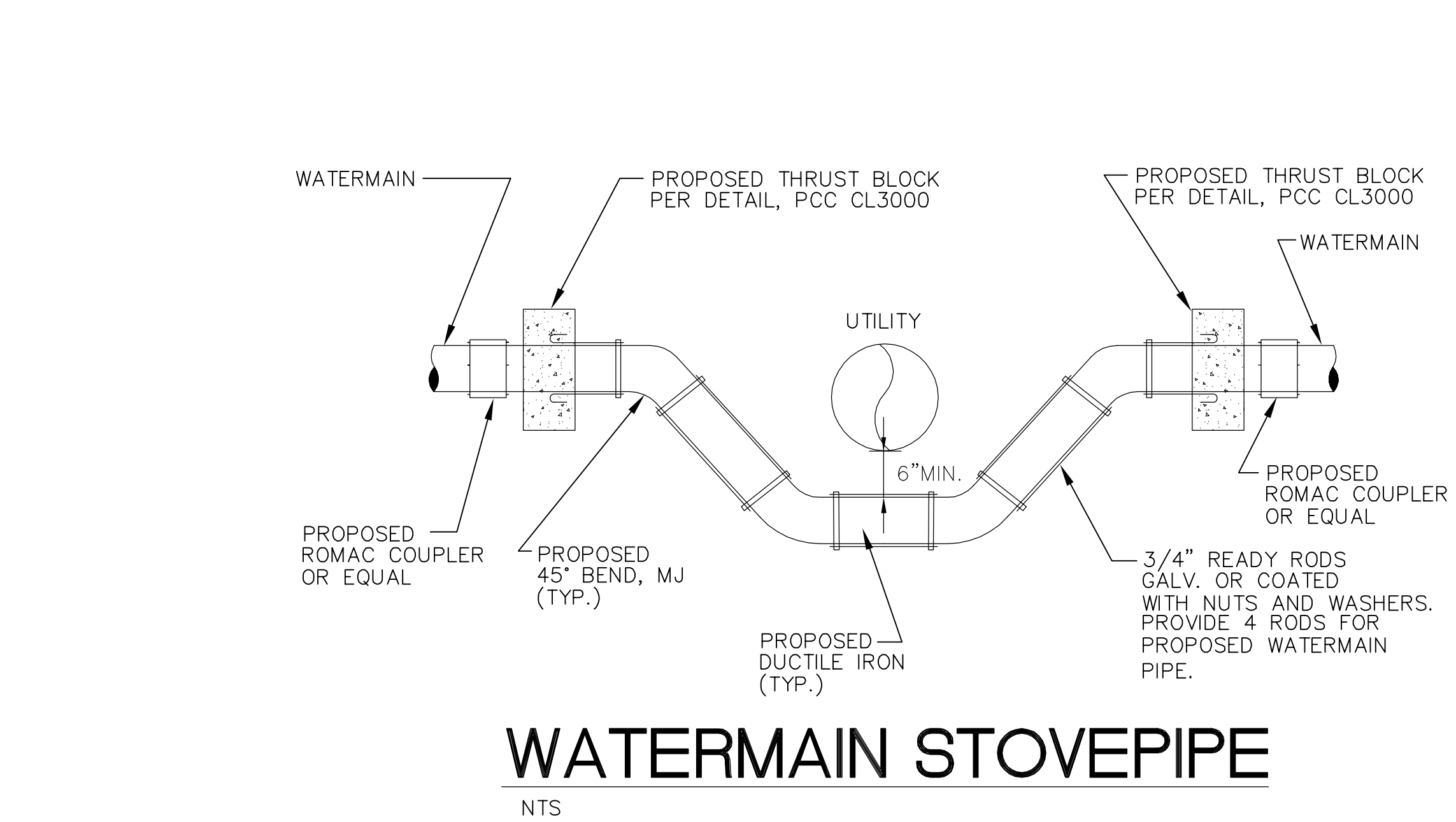
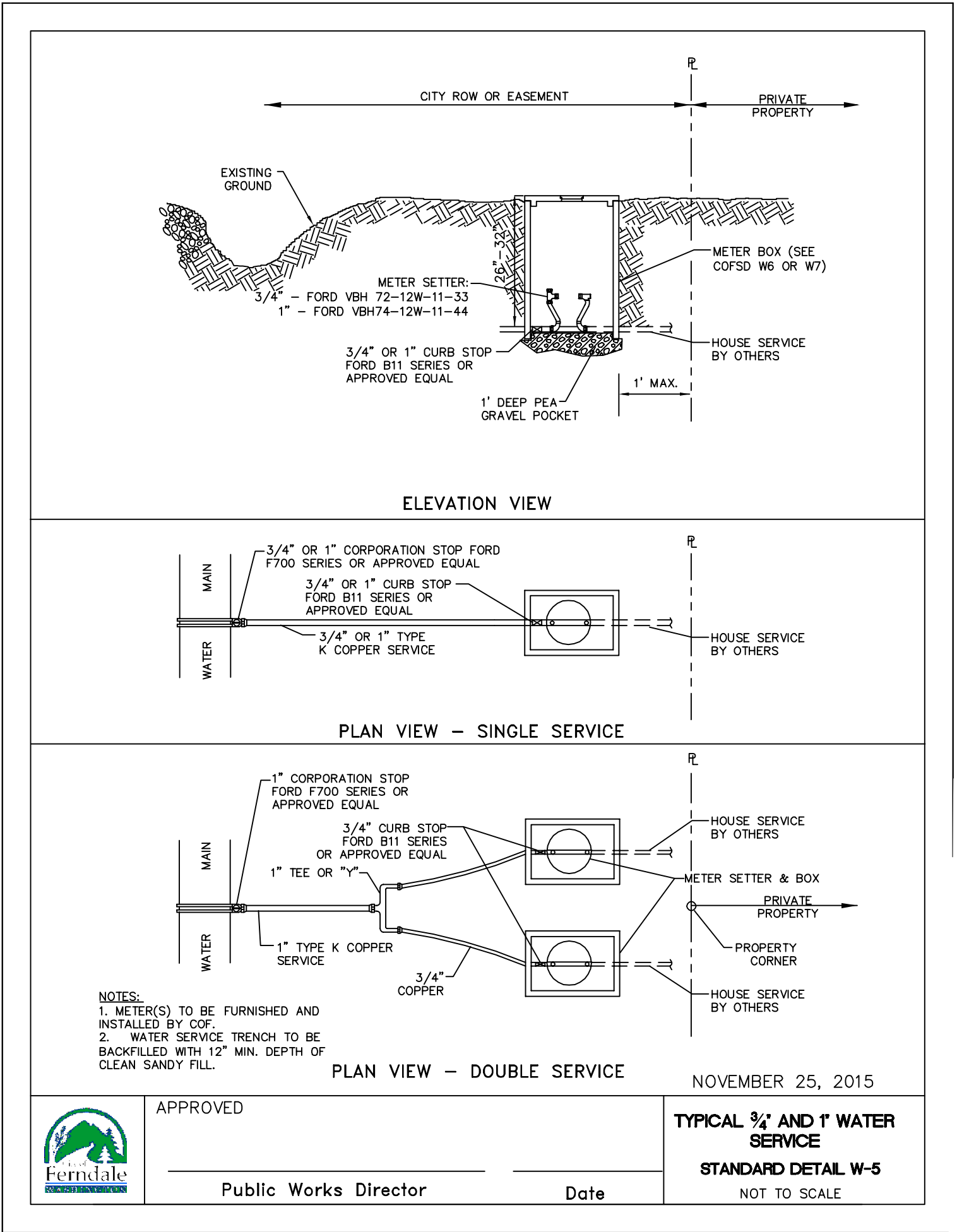
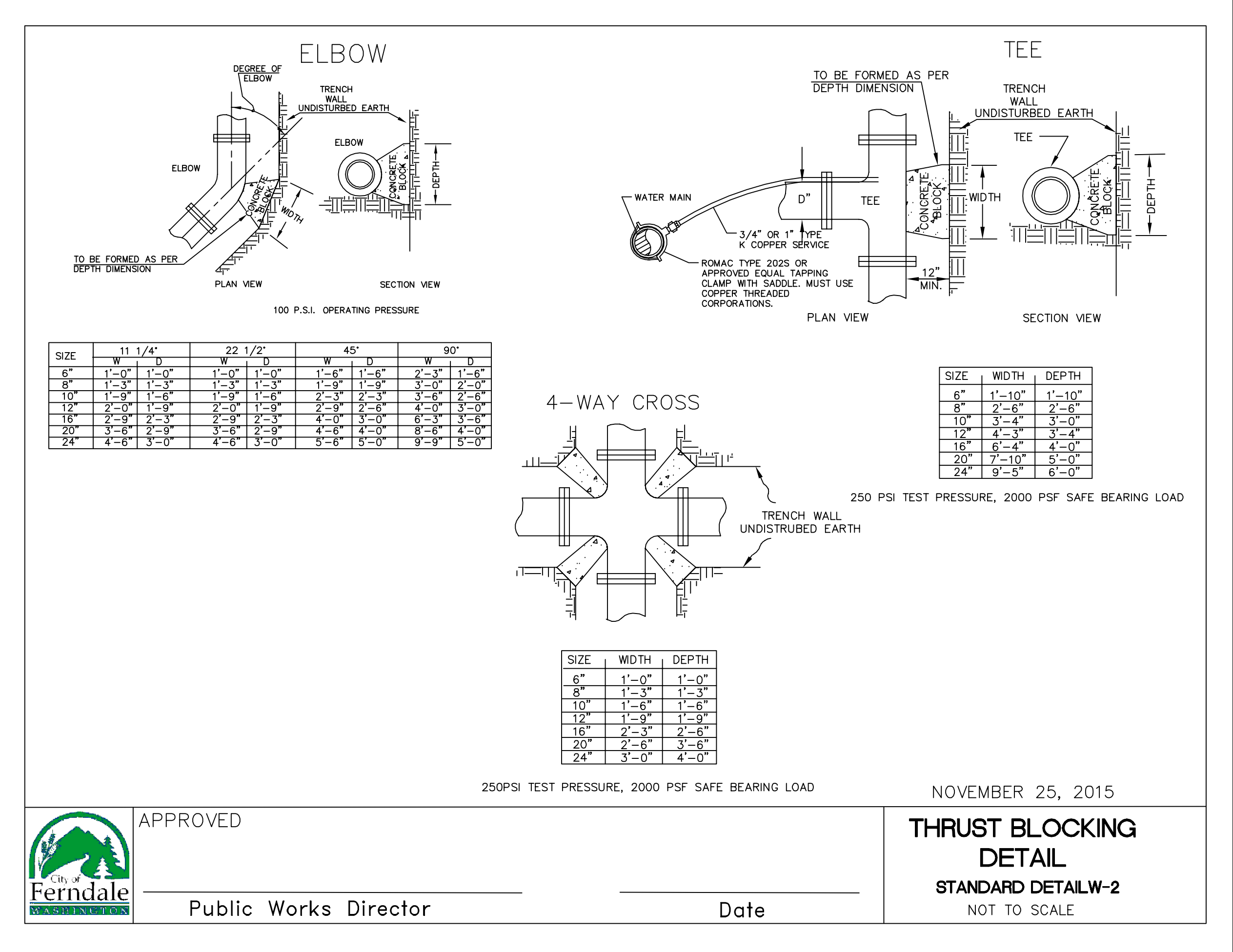
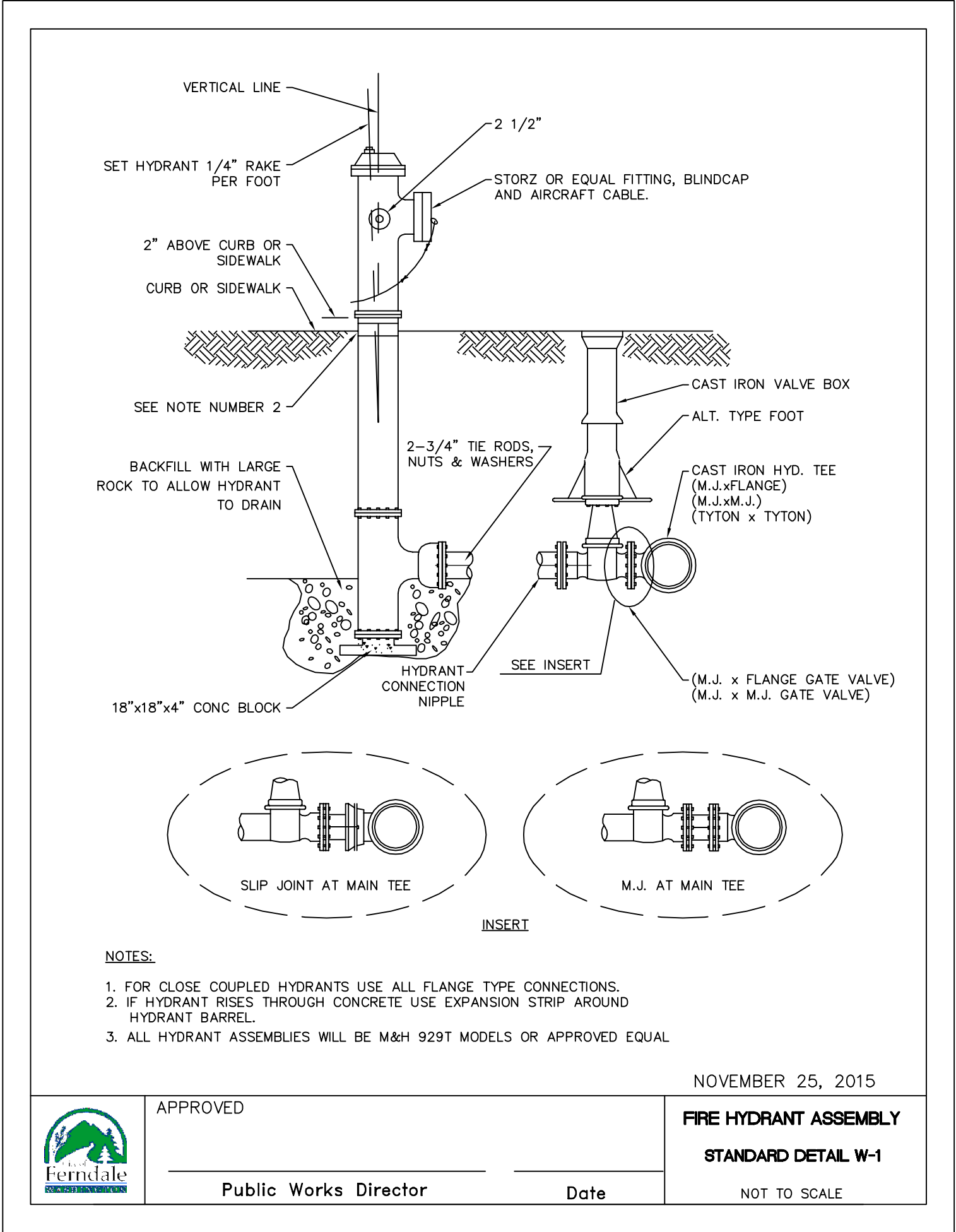
R&E Reichhardt & Ebe
ENGINEERING INC
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813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

NO.	DATE	DESCRIPTION	BY

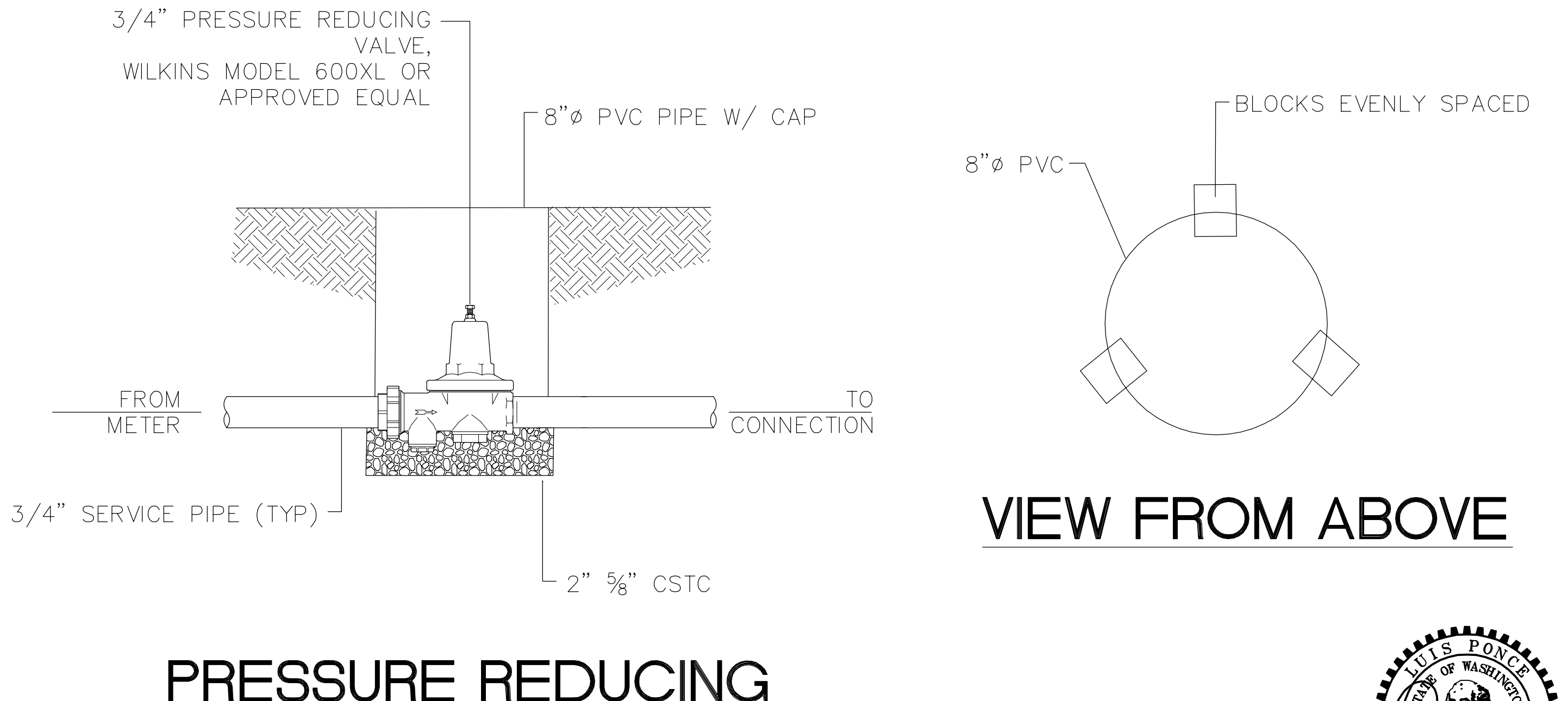
CITY OF FERNDALE
2095 MAIN ST.
FERNDALE, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
PLAN AND PROFILE RIDGEVIEW PL STA 72+50 - 75+37

DWG # 15033 PROBASE	DATE 5/10/2016
JOB# 15033	SHEET 33 of 37
SCALE H: 1"=20' V: 1"=5'	

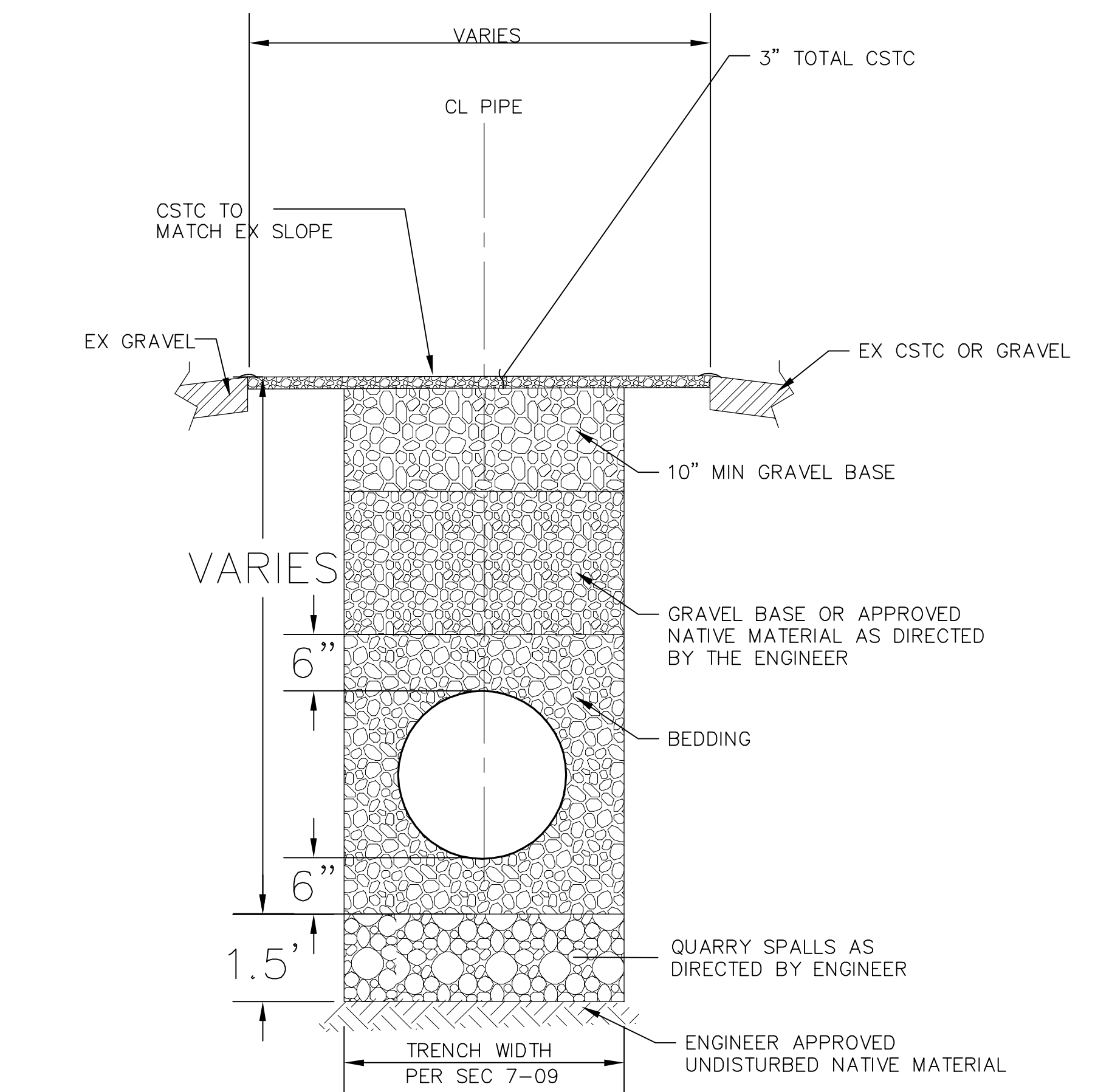
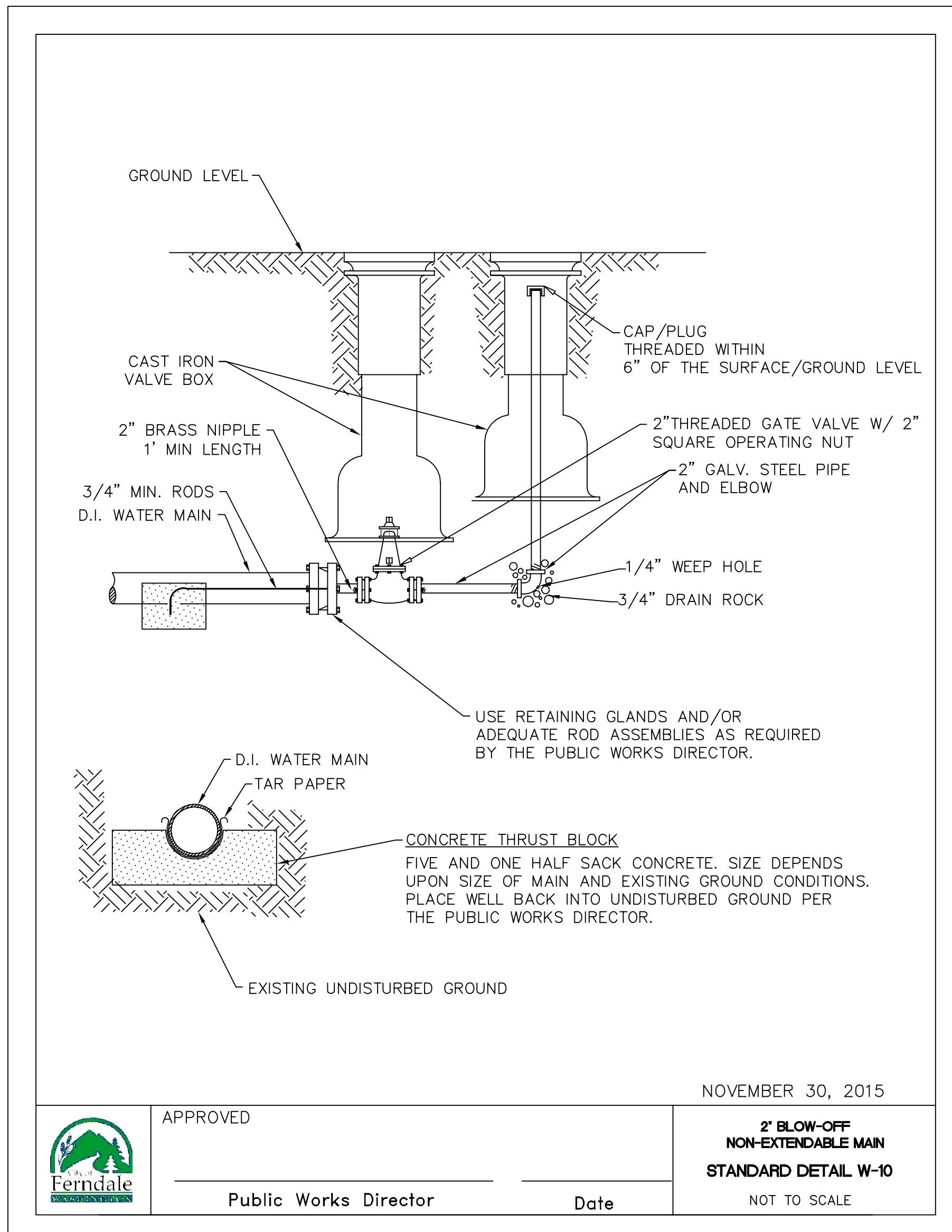
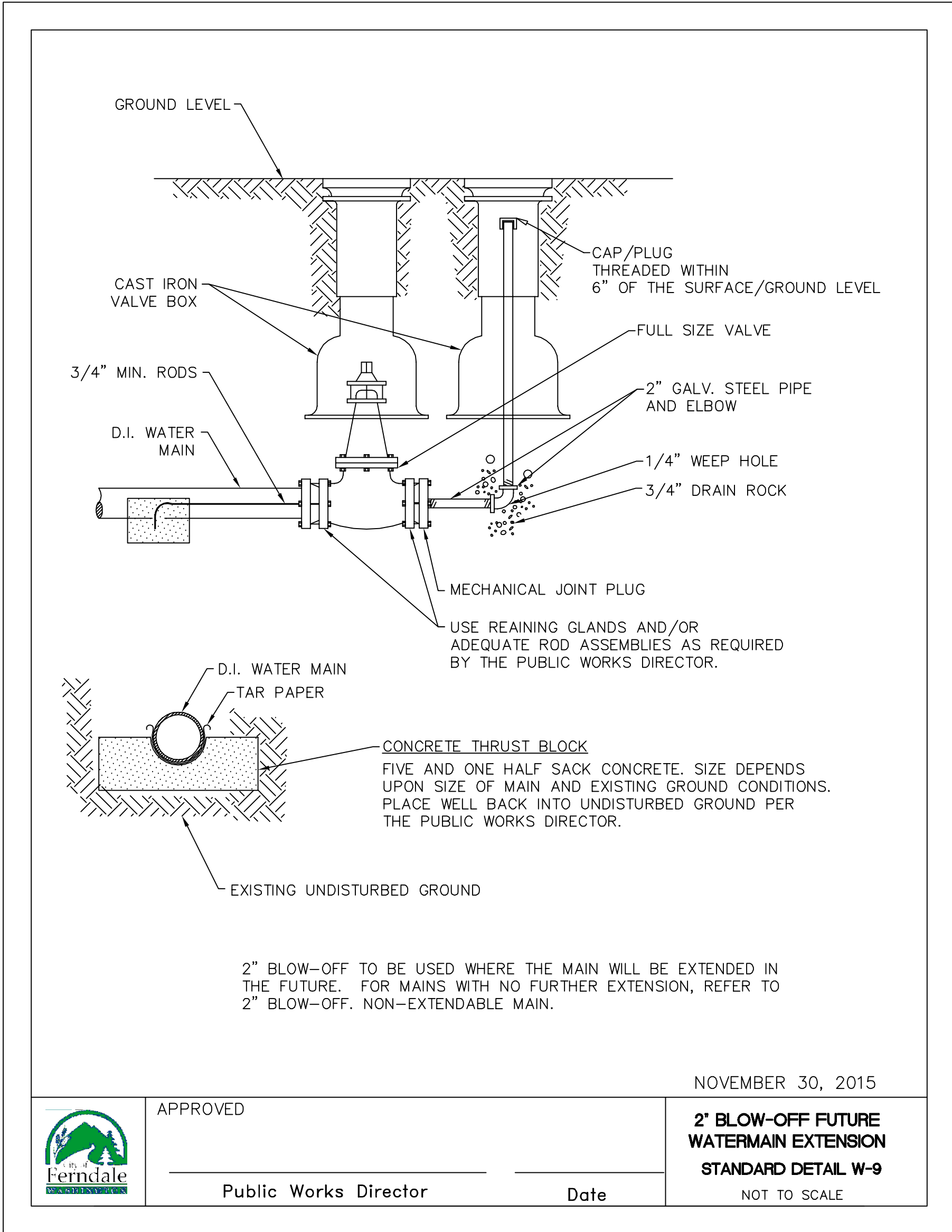


WATERMAIN STOVEPIPE



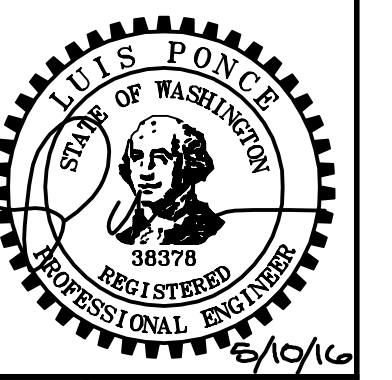
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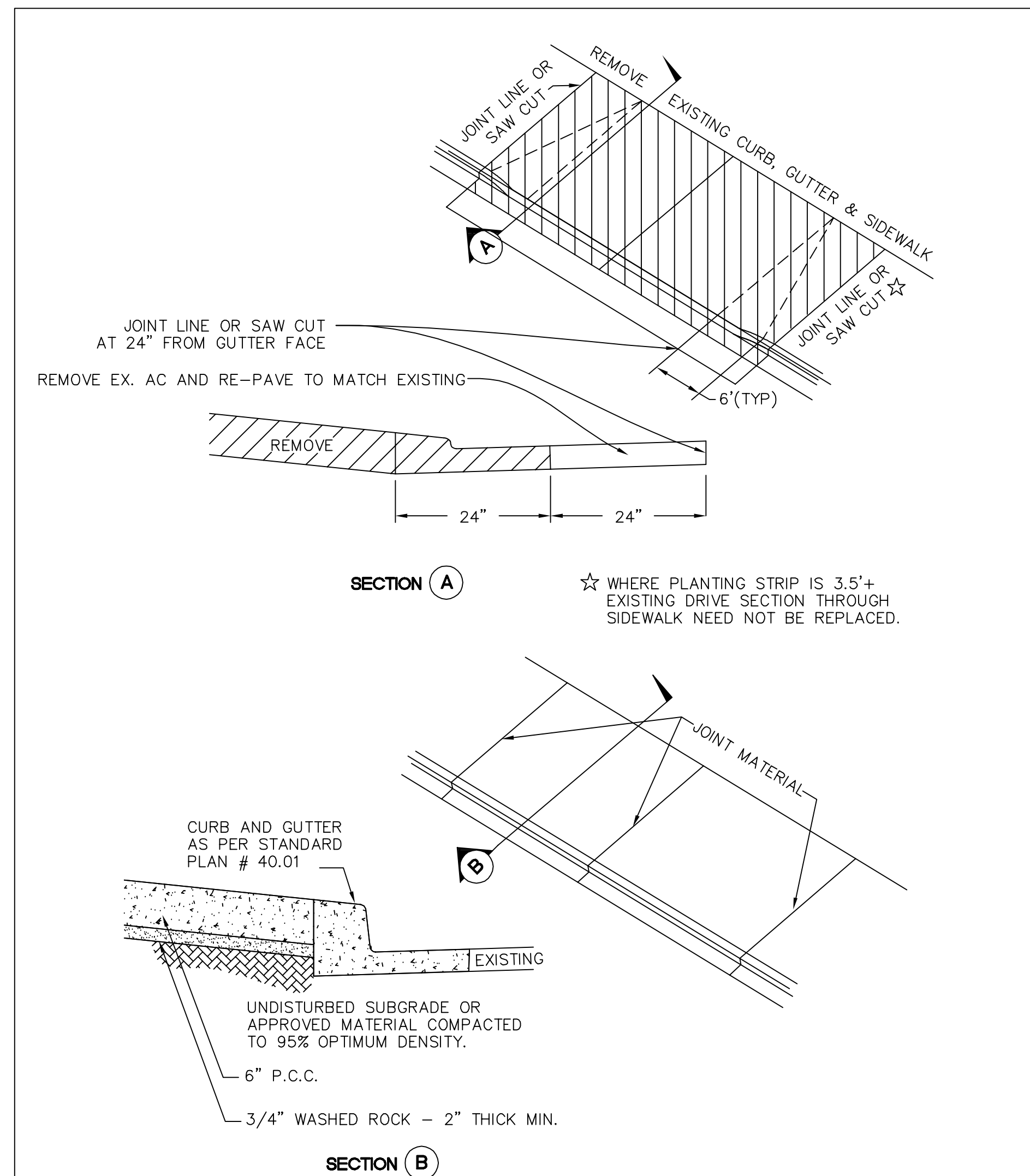
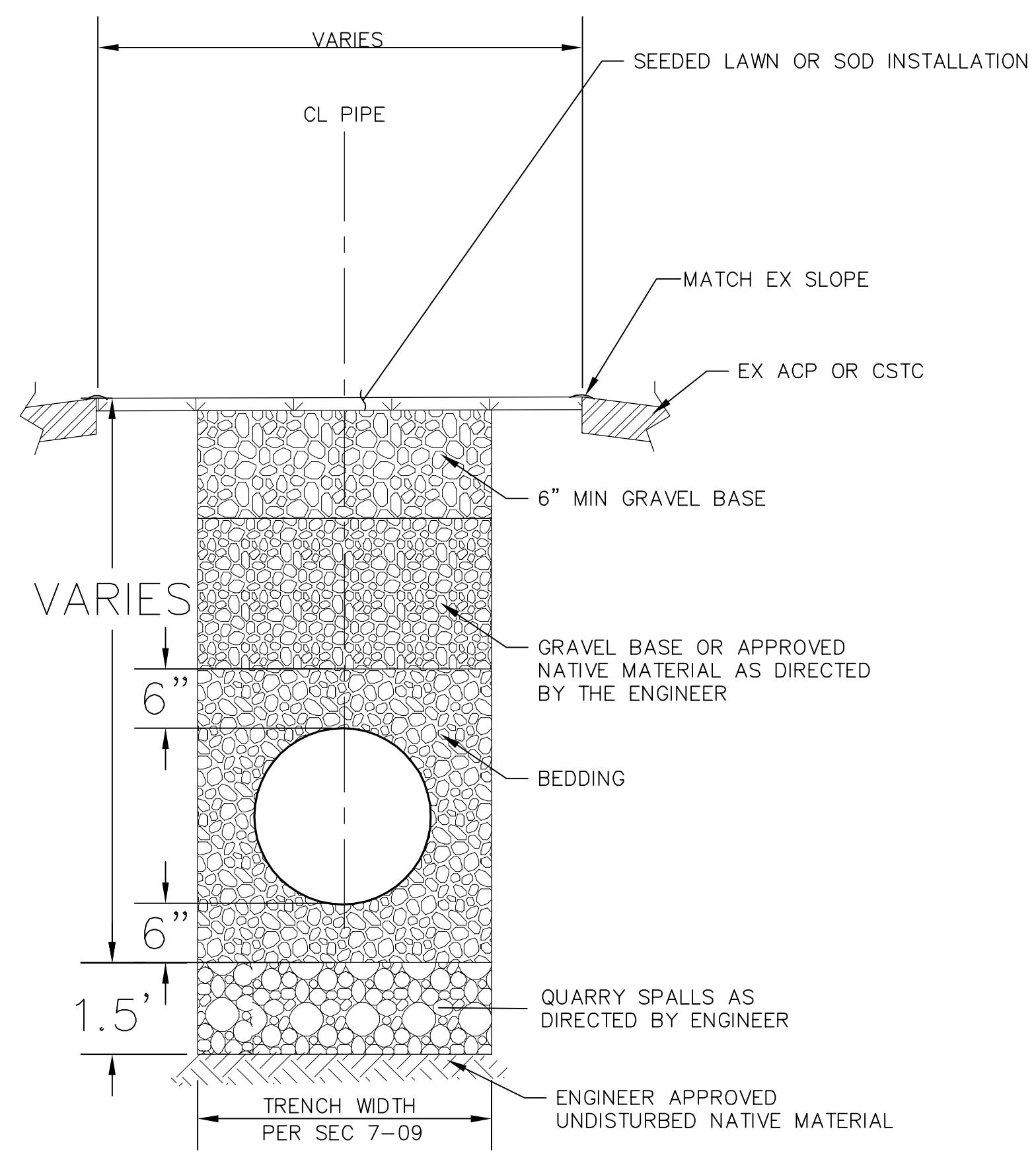
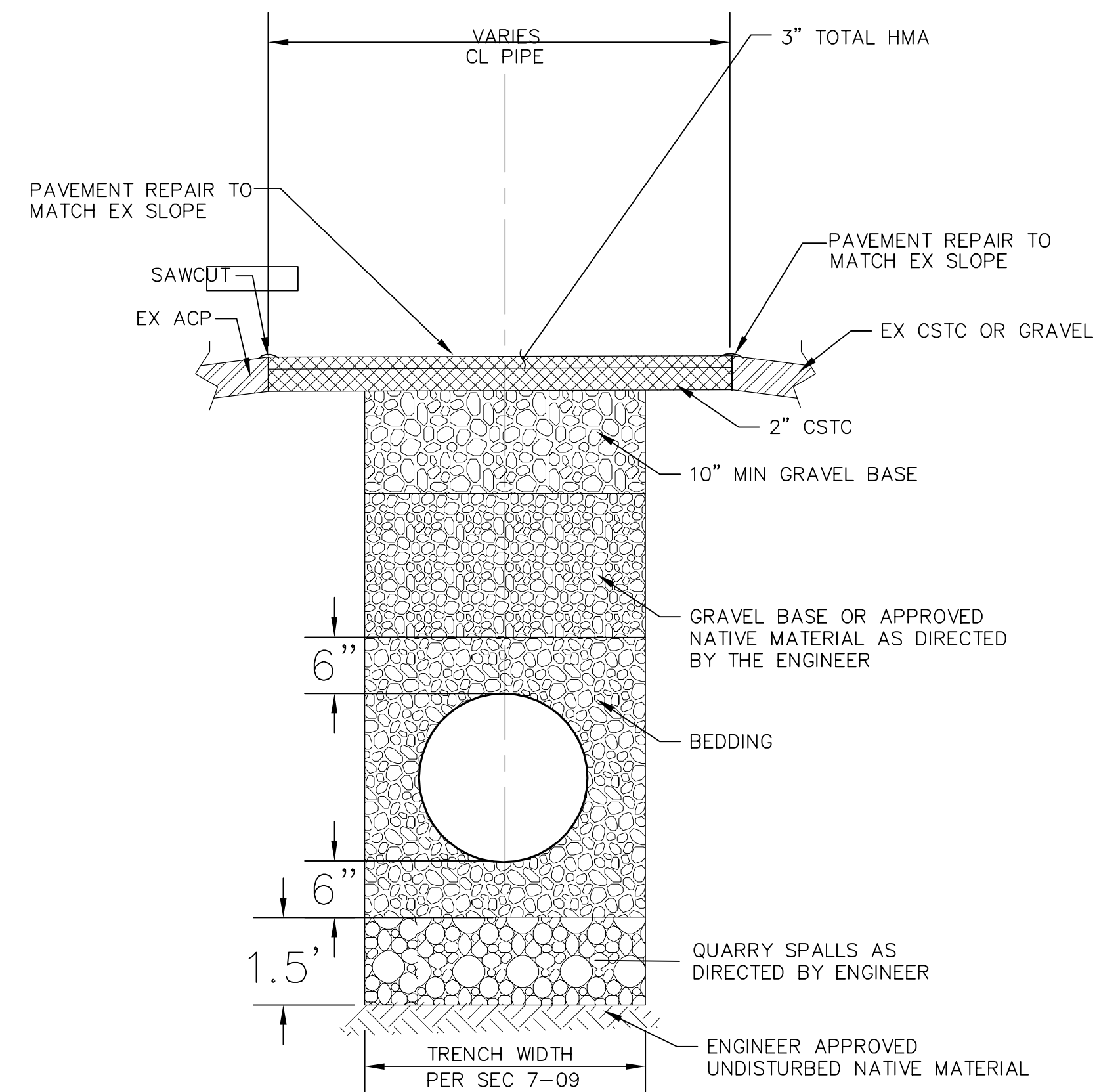




TYPICAL TRENCH SECTION GRAVEL SHOULDER SECTION

NTS





APPROVED

OCTOBER 6, 2015

**DRIVEWAY
RESTORATION**

STANDARD DETAIL R-7

NOT TO SCALE



Public Works Director

Date _____

BID SET

DESIGNED BY	SPB/PJC
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CHECKED BY	IP

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ENGINEERING INC
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813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

NO.	DATE	DESCRIPTION	BY

CITY OF FERNDALE
2095 MAIN ST.
FERNDALE, WA 98248

CONSOLIDATION OF CENTRAL CITY WATER ASSOCIATION DETAILS

DWG 15033 DETAILS

JOB#	
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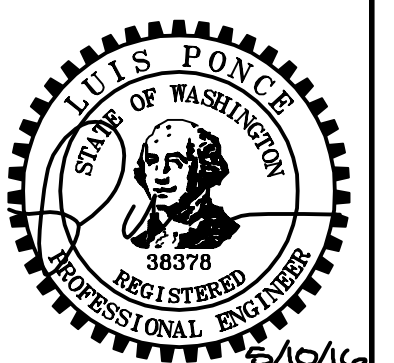
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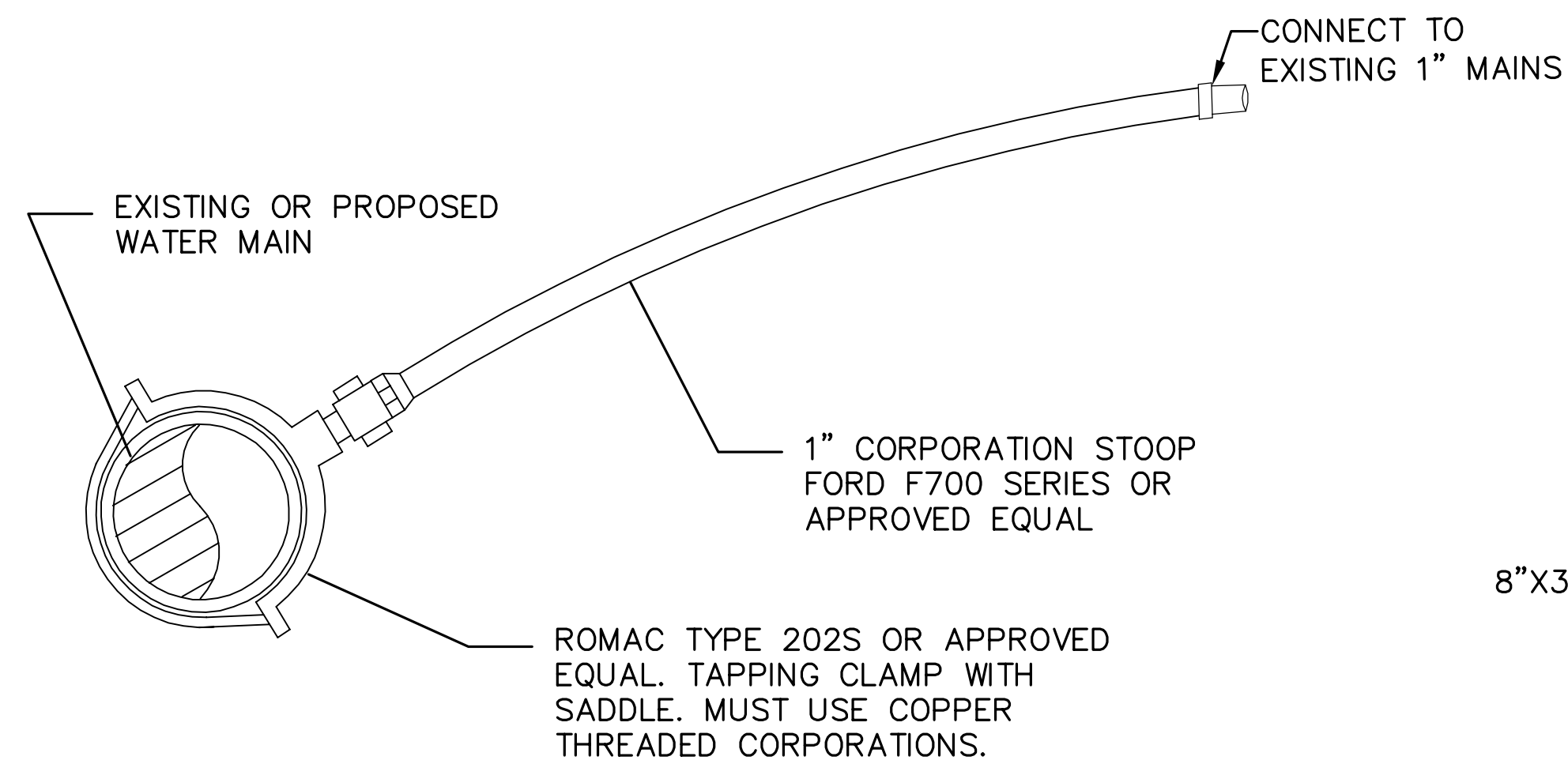
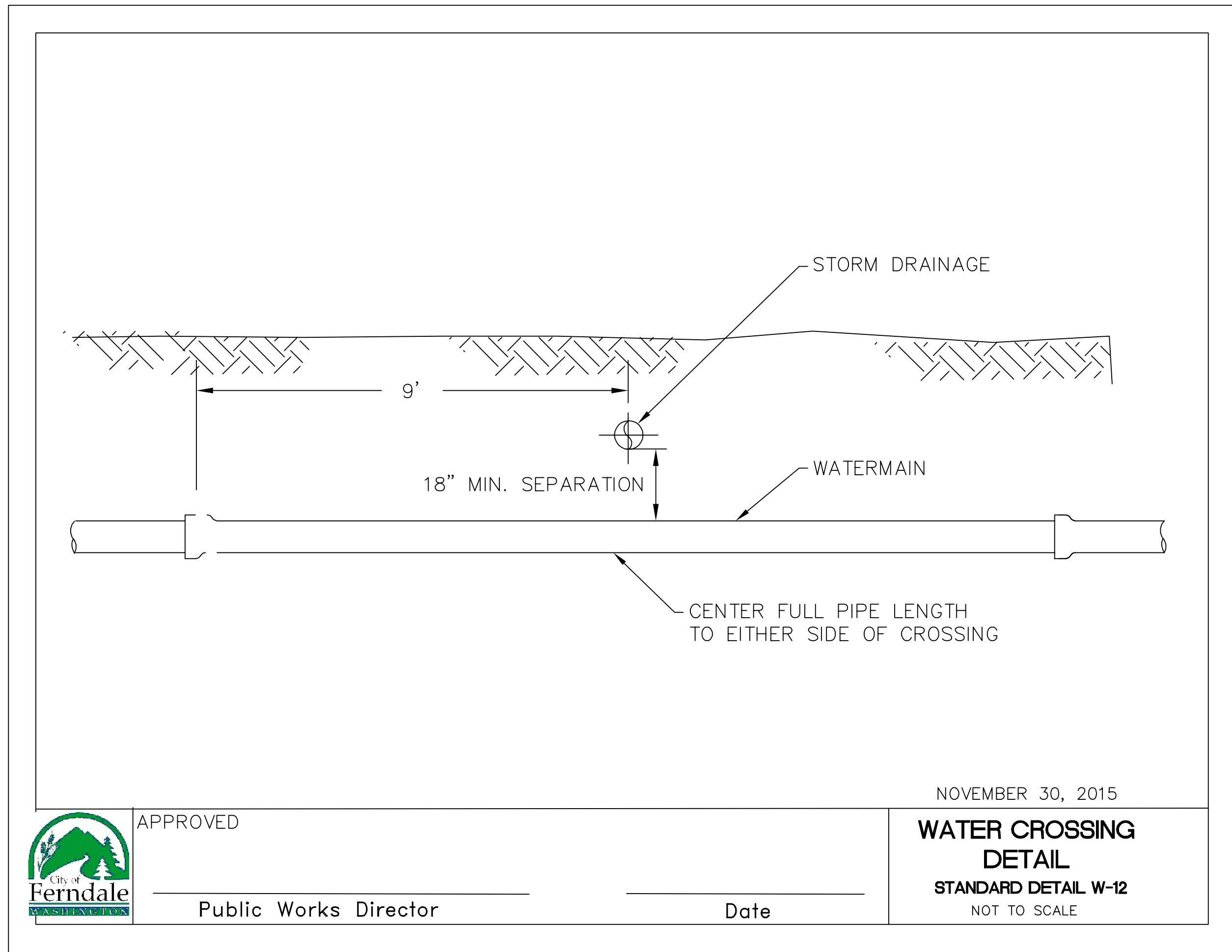
SCALE

15033

DATE 9/9/80

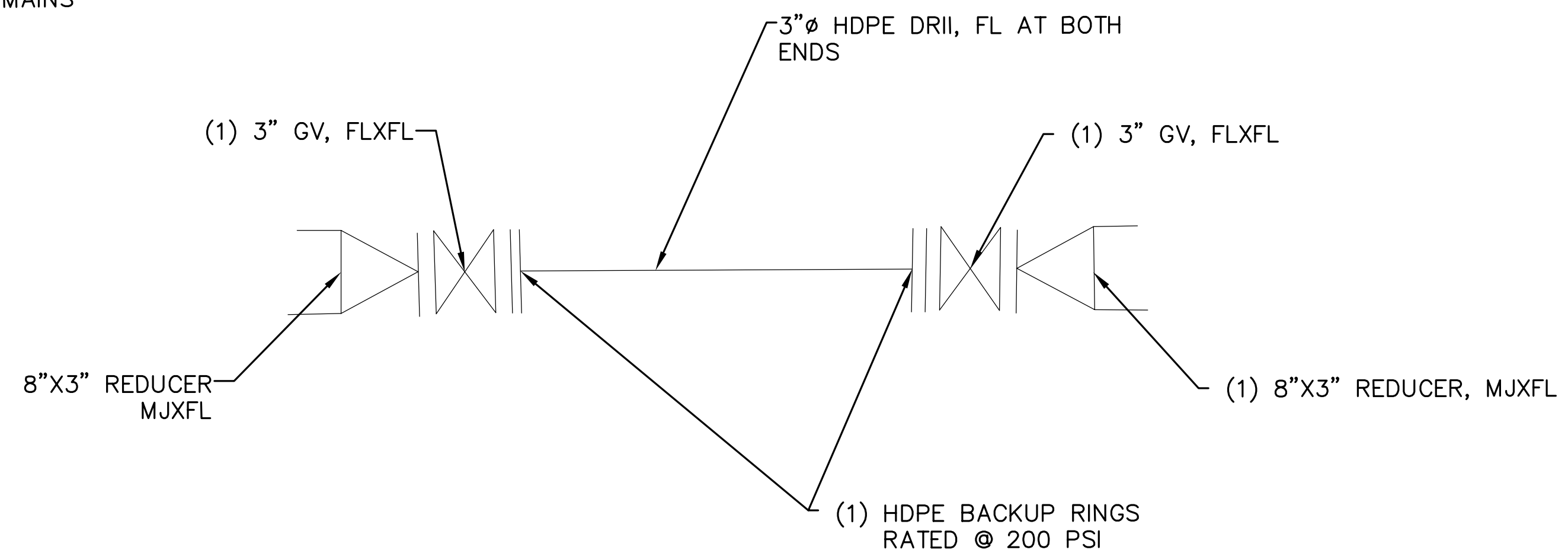
SHEET 26

36
of 37



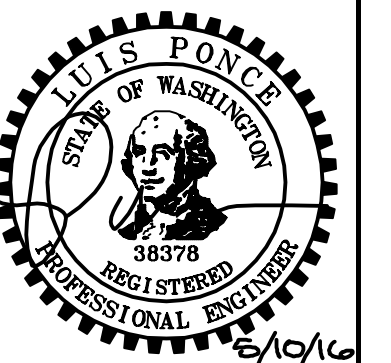
TEMPORARY BYPASS CONNECTION 1" AT
HEIGHTS DR NORTH, HEIGHTS DR SOUTH,
FIELDVIEW DR NORTH, RIDGEVIEW PL,
HEATHER DR NORTH

NTS



TEMPORARY BYPASS CONNECTION AT
FIELDVIEW DR

NTS



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DRAWN BY
SPB/PJC
CHECKED BY
LP

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813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713

NO.	DATE	DESCRIPTION	BY	

CITY OF FERNDALE
2095 MAIN ST.
FERNDALE, WA 98248

CONSOLIDATION OF CENTRAL
CITY WATER ASSOCIATION
DETAILS

DWG 15033 DETAILS
JOB# 15033

SCALE
H: 1"=20' V: 1"=2'

DATE 5/10/2016
SHEET 37 of 37