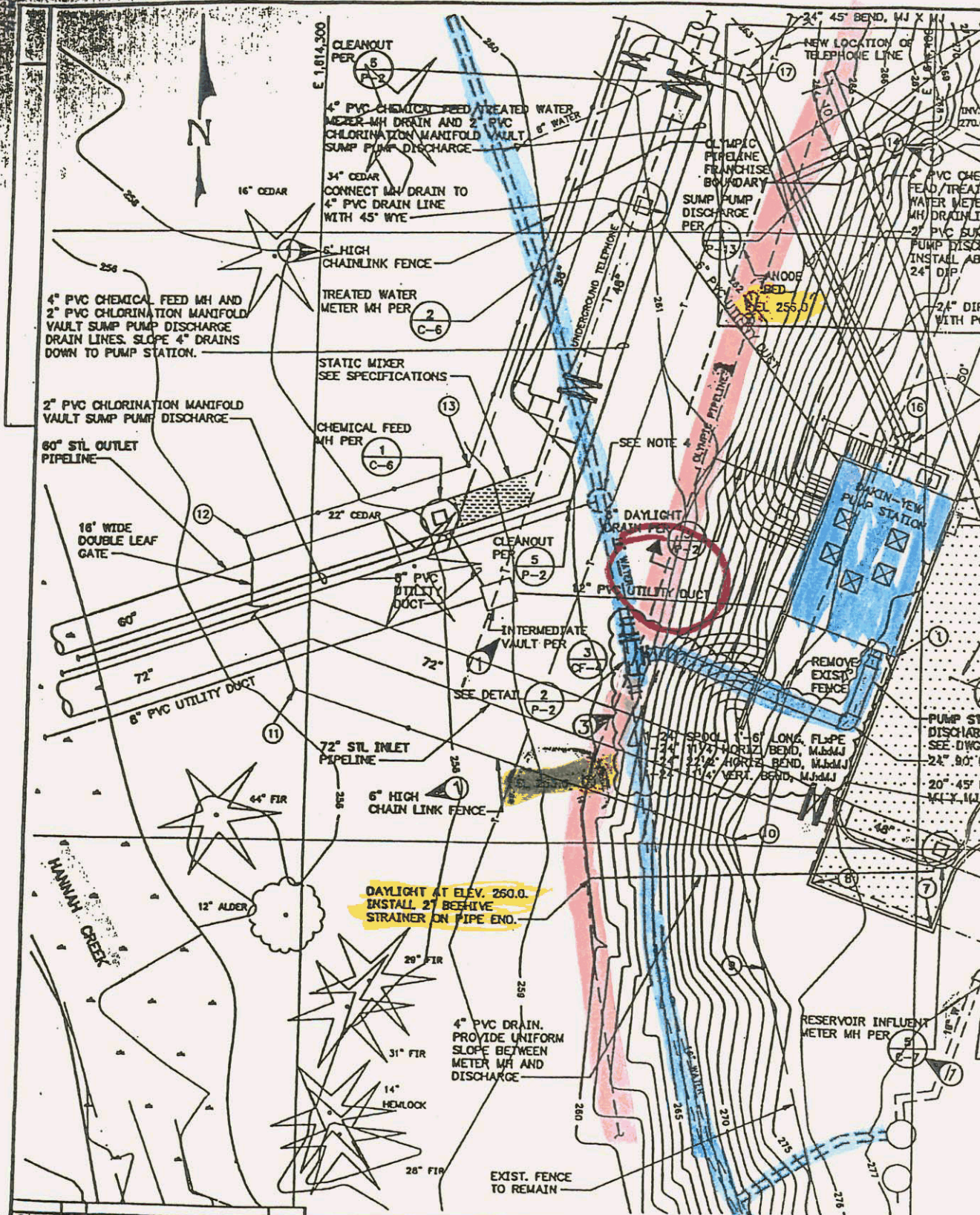


Oct. 1993



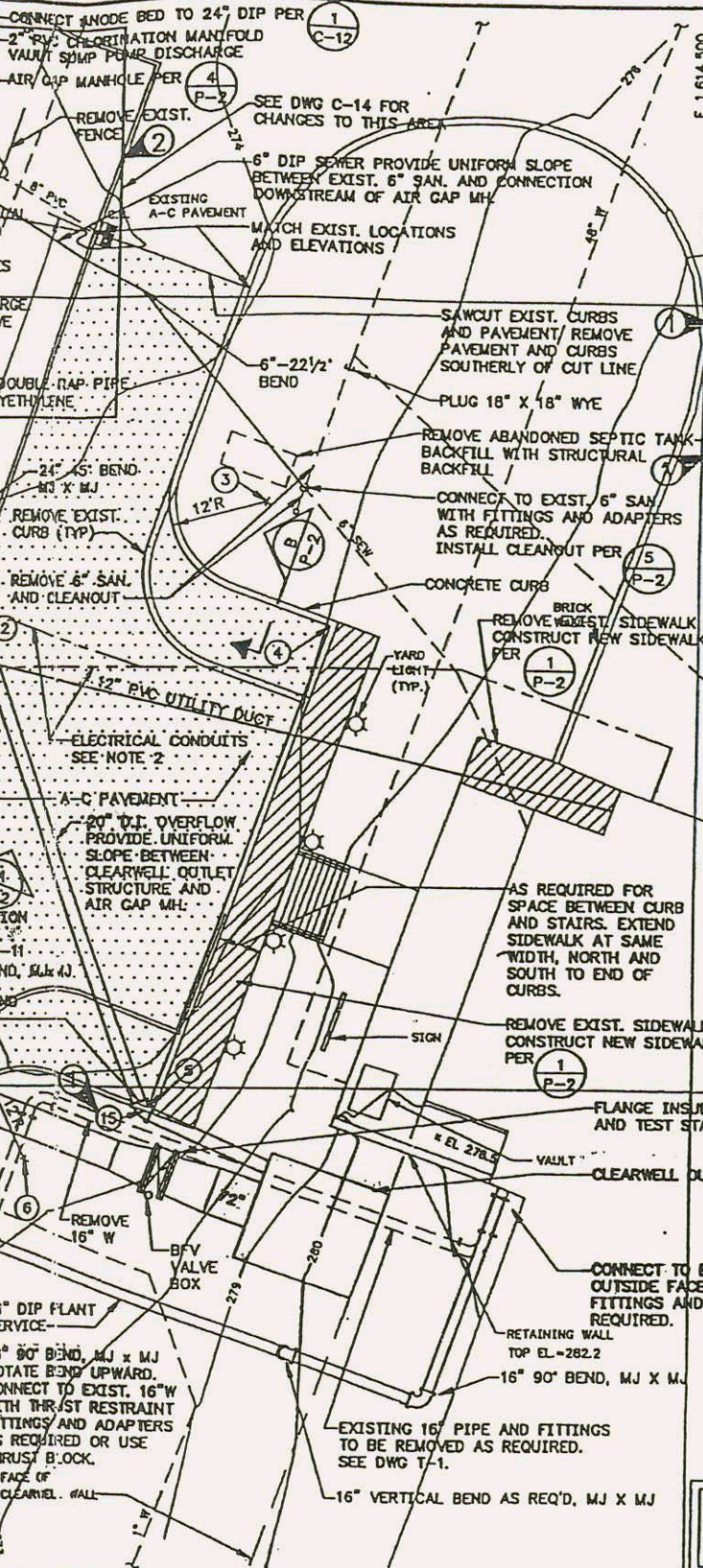
Date	By	Description	Checked
8/13/94	GRN	REVISED PUMP STA. DISCHARGE PIPE	GRN
2/14/94	TC	CHANGE ORDER NO.1, SEE DWG C-14	TC
1/21/94	JMH	ADDENDUM NO. 2	JMH
	PR	REVISION	PR

Designed	RD	Approved	
Drawn	MN	Scale	1"=10'
Checked	GRN	Date	OCT 1993
		Project No.	B152407

Barrett Consulting Group
 10800 N.E. 8th Street, 7th Floor
 Bellevue, WA 98004
 206 426-9004 Fax 206 453-0470
 720 S. 333 St. Ste. 200
 Federal Way, WA 98003
 206 836-6203
 Fax 206 874-0577

1500 Queen
 Gallagher
 206 734-
 Fax 206

file: \\ENGRSRV3\DRIVE-E\FACETS\BHM003#2\WA454B16.TIF



- NOTES:
- EXISTING LAWN SPRINKLER SYSTEM IS NOT TO BE REPAIRED AND/OR REPLACED. SYSTEM TO BE DEMOLISHED AND RESTORED TO ORIGINAL CONFIGURATION PRIOR TO CONSTRUCTION.
 - ELECTRICAL CONDUITS PER E-3. INSTALL CONDUITS IN CONTROL DENSITY FILL BETWEEN GARAGE DOOR AND PUMP STATION HANDHOLES AND UNDERNEATH ALL ROAWAYS. PROVIDE 2" MINIMUM CONTROL DENSITY FILL AROUND ALL CONDUITS.
 - PROVIDE 1/4 INCH NYLON PULL ROPE IN EACH OF THE FIVE UTILITY DUCTS.
 - CONNECT 4" WATER TO 16" WATER WITH 4" DOUBLE STRAP TAPPING SADDLE AND 4" G.V.
 - HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING PIPELINES ARE SHOWN AS BEST KNOWN AT THE TIME THIS DESIGN WAS PREPARED. ACTUAL LOCATION MAY VARY FROM THOSE SHOWN. THE CONTRACTOR SHALL PROVIDE ADDITIONAL PIPE AND FITTINGS AS NECESSARY TO CONNECT TO EXISTING PIPELINES AT ACTUAL LOCATIONS.
 - CONSTRUCT A CRUSHED LIMESTONE PATHWAY FROM THE PUMP STATION ENTRANCE DOOR TO THE CRUSHED SURFACING ROADWAY. PATHWAY SHALL BE 4' WIDE. CRUSHED LIMESTONE SHALL BE 4 INCHES COMPACTED THICKNESS. GRADATION OF CRUSHED LIMESTONE SHALL BE SIMILAR TO CRUSHED SURFACING TOP COURSE.

COORDINATE LISTING

LOCATION NO.	NORTH	EAST	ELEVATION/COMMENT
1	642,831.55	1,614,395.66	275.1/S.E. COR. PUMP STA.
2	642,857.43	1,614,404.96	274.6/N.E. COR. PUMP STA.
3	642,874.6	1,614,445.7	RADIUS POINT
4	642,858.8	1,614,453.9	274.7 TOP OF PAVEMENT
5	642,797.5	1,614,432.5	275.9 TOP OF PAVEMENT
6	642,796.6	1,614,416.3	RADIUS POINT
7	642,787.1	1,614,452.5	275.8 TOP OF PAVEMENT
8	642,794.2	1,614,382.9	275.4 TOP OF PAVEMENT
9	642,780	1,614,375	CONNECT NEW FENCE TO EXIST. FENCE
10	642,801	1,614,370	NEW FENCE
11	642,825	1,614,298	NEW FENCE
12	642,850	1,614,289	NEW FENCE
13	642,862		NEW FENCE
14	642,914	1,614,388	2 AIR GAP MANHOLE
15	642,797	1,614,432	20' 45" BEND
16	642,866	1,614,396	24' 45" BEND
17	642,926	1,614,369	24' 45" BEND

EXISTING CITY OF BELLINGHAM WATER TREATMENT PLANT

THESE RECORD DRAWINGS HAVE BEEN PREPARED BASED ON CONSTRUCTION RECORDS AND INFORMATION PROVIDED BY THE CONTRACTOR.



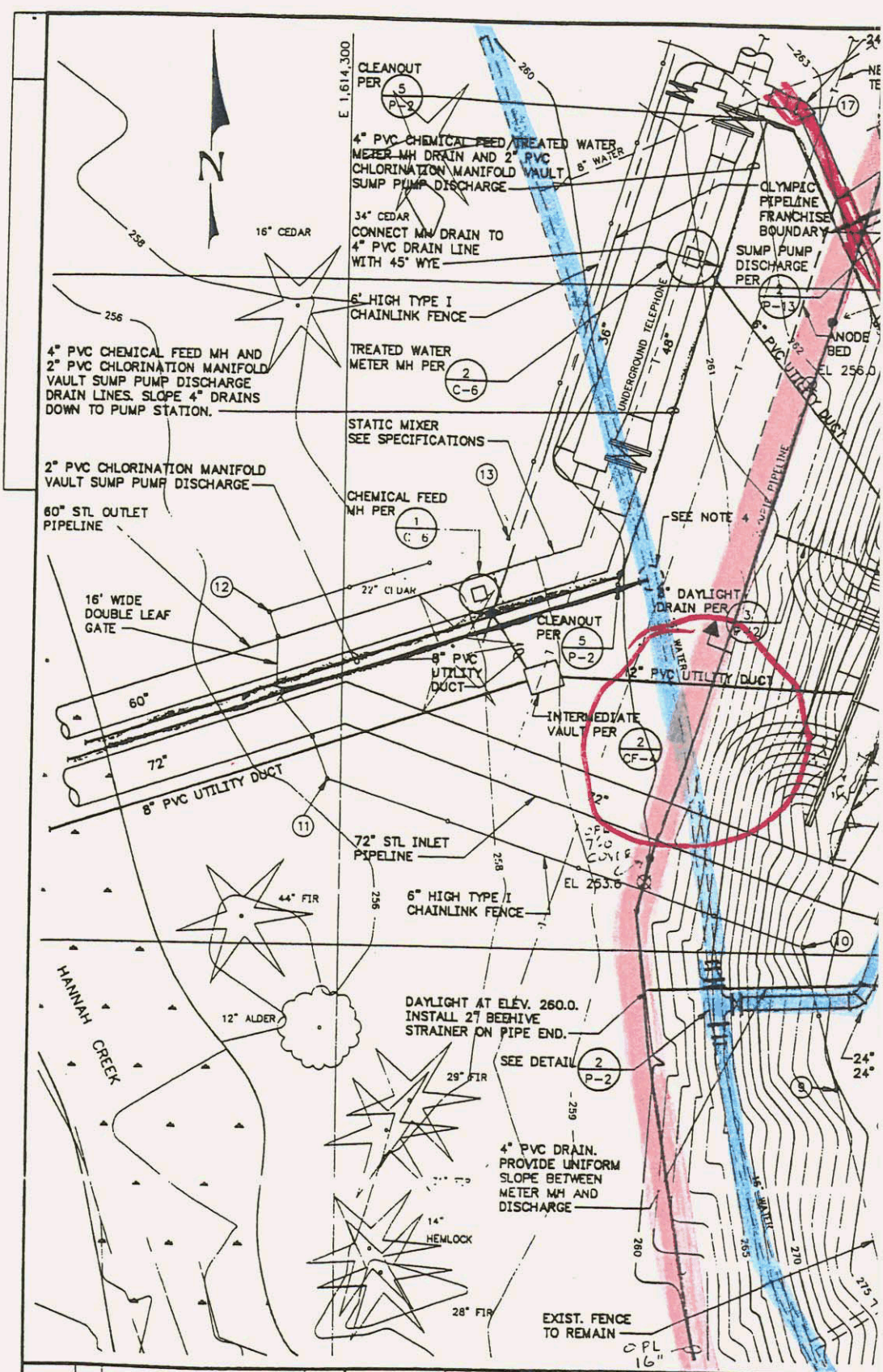
97 DATE 6-19-00
Susan Cannon
Court Reporter
622-810

CITY OF BELLINGHAM
DAKIN YEW PUMP STATION,
RESERVOIR PIPELINES, AND CHEMICAL FEED

PUMP STATION SITE PLAN

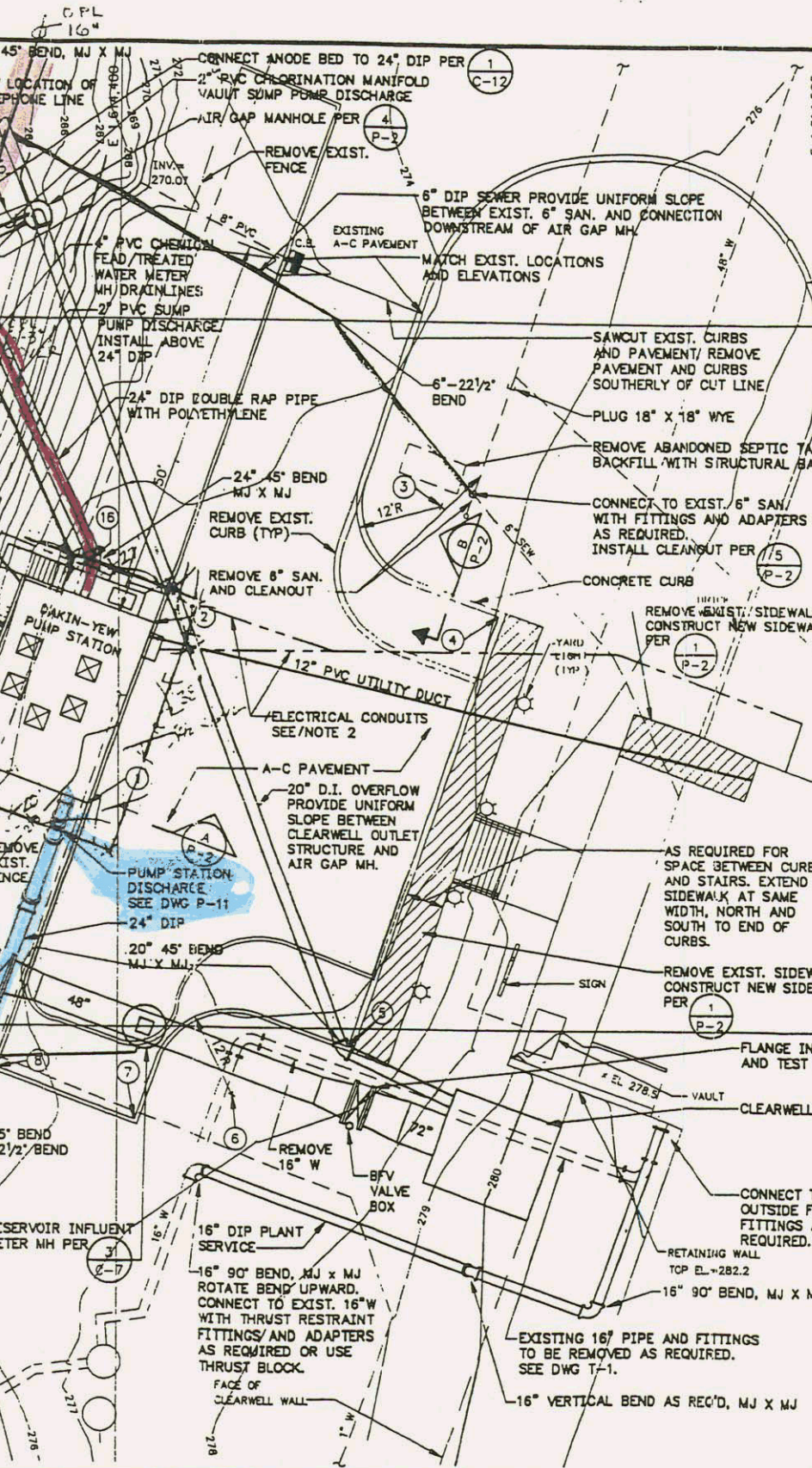
DRAWING NO.
P-1
SHEET NO.
16 OF 66

EXH. 19
 DATE 6-19-00
 Witness: Charles
 Susan Cannon
 Court Reporter
 622-5110



Date	No.	Description	By	Designed	RD	Approved	Scale	Date
				Drawn	MN	<i>[Signature]</i>	1"=10'	OCT 1993
REVISION				Checked	GRN	Project No	B152407	

Barrett Consulting
 10800 N.E. 8th Street, 7th Floor
 Bellevue, WA 98004
 206 466-8484 Fax 206 453-947
 Civil / Environmental Engineers



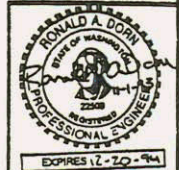
- NOTES:
- EXISTING LAWN SPRINKLER SYSTEM IS NOT SHOWN. CONTRACTOR SHALL REPAIR AND/OR REPLACE SYSTEM COMPONENTS AFTER CONSTRUCTION TO RESTORE SYSTEM TO ORIGINAL CONFIGURATION PRIOR TO CONSTRUCTION.
 - ELECTRICAL CONDUITS PER E-3. INSTALL CONDUITS IN CONTROL DENSITY FILL BETWEEN GARAGE DOOR AND PUMP STATION HANDHOLES AND UNDERNEATH ALL ROAWAYS. PROVIDE 2" MINIMUM CONTROL DENSITY FILL AROUND ALL CONDUITS.
 - PROVIDE 1/4 INCH NYLON PULL ROPE IN EACH OF THE FIVE UTILITY DUCTS.
 - CONNECT 4" WATER TO 16" WATER WITH 4" DOUBLE STRAP TAPPING SADDLE AND 4" GV.
 - HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING PIPELINES AS BEST KNOWN AT THE TIME THIS DESIGN WAS PREPARED. ACTUAL LOCATION MAY VARY FROM THOSE SHOWN. THE CONTRACTOR SHALL PROVIDE ADDITIONAL PIPE AND FITTINGS AS NECESSARY TO CONNECT TO EXISTING PIPELINES AT ACTUAL LOCATIONS.

COORDINATE LISTING

LOCATION NO.	NORTH	EAST	ELEVATION/COMMENT
1	642,831.55	1,614,395.66	275.1/S.E. COR. PUMP STA.
2	642,857.43	1,614,404.98	274.8/N.E. COR. PUMP STA.
3	642,874.8	1,614,445.7	RADIUS POINT
4	642,858.8	1,614,453.9	274.7 TOP OF PAVEMENT
5	642,797.5	1,614,432.5	275.9 TOP OF PAVEMENT
6	642,790.5	1,614,416.3	RADIUS POINT
7	642,787.1	1,614,402.5	275.8 TOP OF PAVEMENT
8	642,794.2	1,614,382.9	275.4 TOP OF PAVEMENT
9	642,780	1,614,375	CONNECT NEW FENCE TO EXIST. FENCE
10	642,801	1,614,370	NEW FENCE
11	642,825	1,614,298	NEW FENCE
12	642,850	1,614,289	NEW FENCE
13	642,862	1,614,325	NEW FENCE
14	642,914	1,614,388	AIR/GAP MANHOLE
15	642,797	1,614,432	20" 45" BEND
16	642,866	1,614,396	24" 45" BEND
17	642,926	1,614,369	24" 45" BEND

EXISTING CITY OF BELLINGHAM WATER TREATMENT PLANT

THIS DRAWING REDUCED APPROXIMATELY HALF SIZE



OPL 1033477

CITY OF BELLINGHAM
 DAKIN YEW PUMP STATION,
 RESERVOIR PIPELINES, AND CHEMICAL FEED

PUMP STATION SITE PLAN

DRAWING NO.
 P-1
 SHEET NO.
 16 OF 66

720 S. 333 St. Ste. 200
 Bellingham, WA 98225
 206 834-3272
 Fax 206 874-0577

1300 Everett St. Ste. 2-8
 Bellingham, WA 98225
 206 734-3202
 Fax 206 734-0816