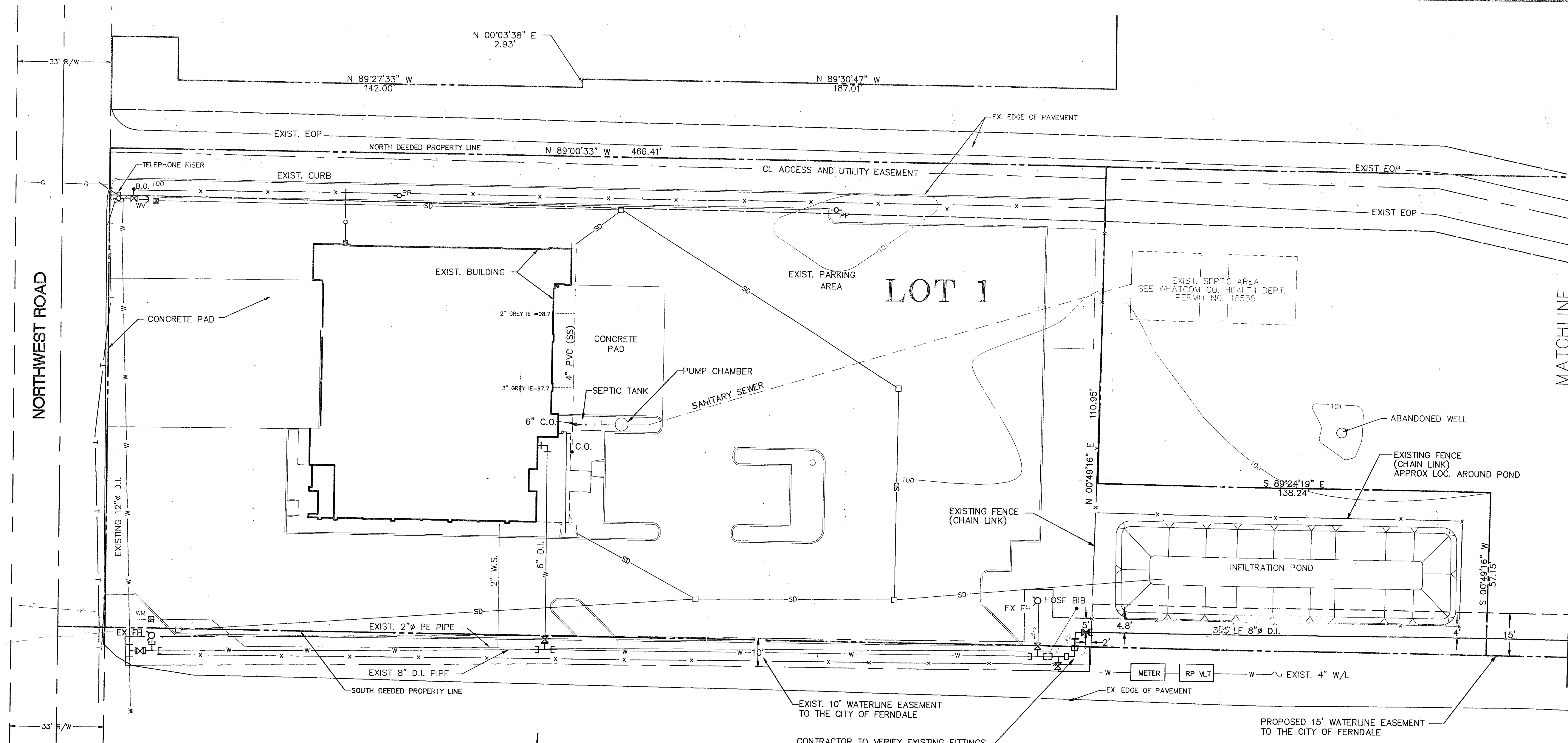
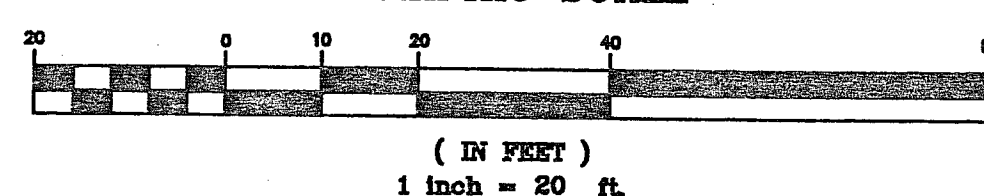




LEGEND

EXISTING	PROPOSED	
[Symbol]	[Symbol]	STORM DRAIN CATCH BASIN
[Symbol]	[Symbol]	FENCELINE
[Symbol]	[Symbol]	CONTOUR
[Symbol]	[Symbol]	CURB
[Symbol]	[Symbol]	FIRE HYDRANT
[Symbol]	[Symbol]	WATER VALVE
[Symbol]	[Symbol]	WATER METER
[Symbol]	[Symbol]	WATER MAIN
[Symbol]	[Symbol]	UG TELEPHONE
[Symbol]	[Symbol]	UG POWER
[Symbol]	[Symbol]	POWER POLE
[Symbol]	[Symbol]	POLE ANCHOR
[Symbol]	[Symbol]	PROPERTY LINE

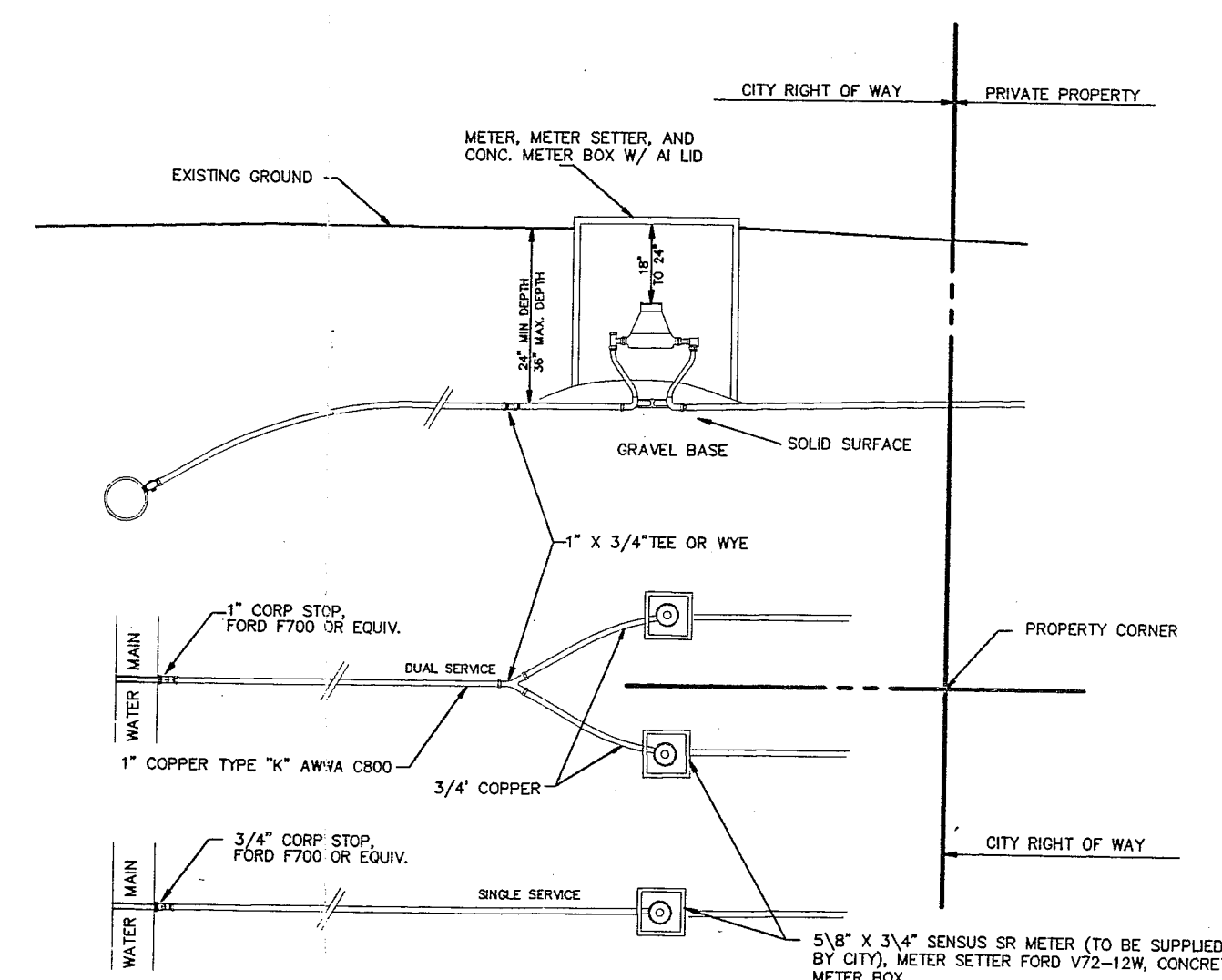
GRAPHIC SCALE



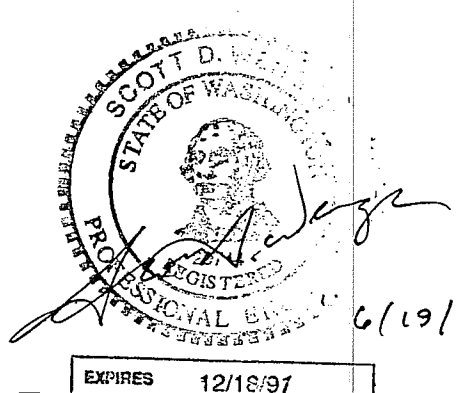
NOTES:

- ALL CONSTRUCTION SHALL MEET CITY OF FERDALE DEVELOPMENT STANDARDS.
- THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY. TOPOGRAPHIC AND BOUNDARY INFORMATION PROVIDED BY CONSTRUCTION SURVEYORS, BELLINGHAM, WA. DATUM ASSUMED.
- CONTRACTOR TO VERIFY SIZE, DEPTH, TYPE AND LOCATION OF EXISTING UTILITIES BEFORE CONSTRUCTION.
- ALL 8" WATERLINE SHALL BE CLASS 50 AND SHALL MEET CITY STANDARDS.
- MAINTAIN 36" MINIMUM COVER OVER WATERLINES. PLACE METALLIC DETECTION TAPE 12" ABOVE PVC PIPE.
- EXISTING ACCESS ROAD PAVEMENT BOUNDARIES ARE SHOWN IN APPROXIMATE LOCATIONS TO AID IN THE LOCATION OF WATER LINES.

WATER SERVICE DETAIL (FUTURE SERVICES)



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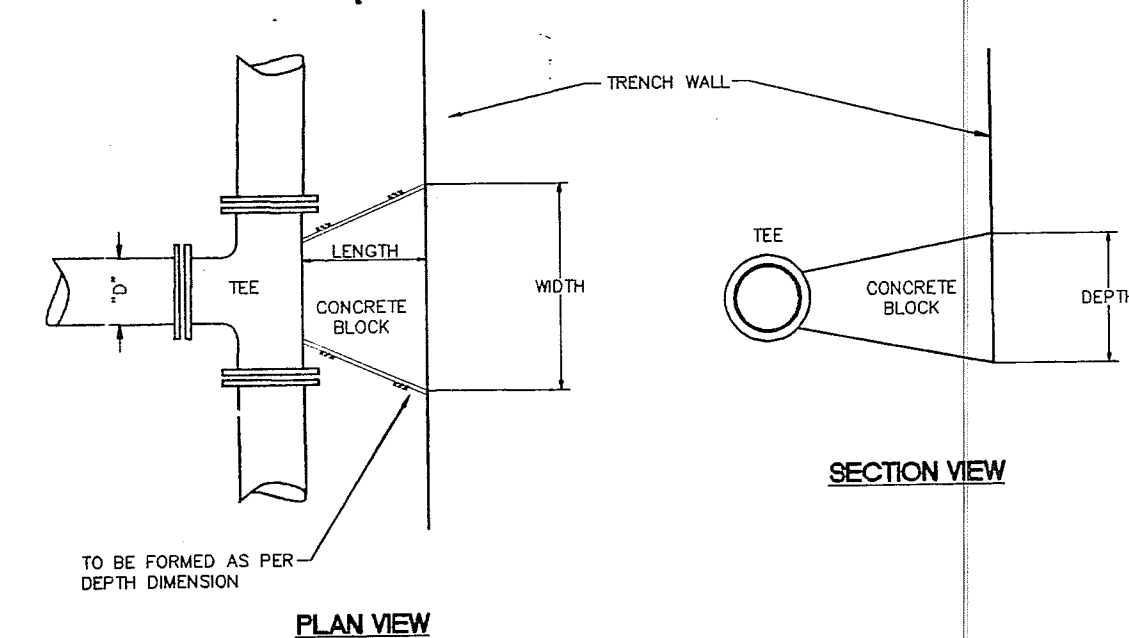
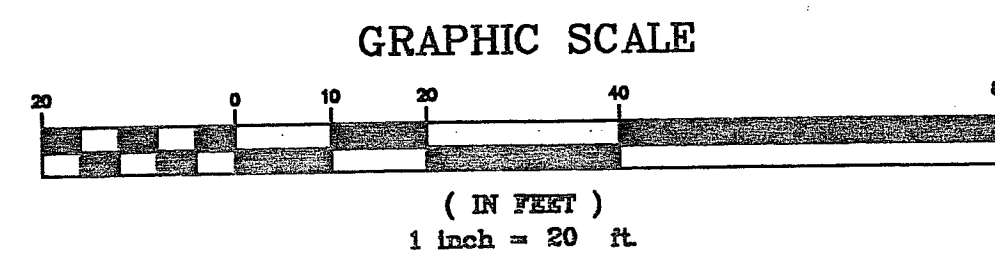
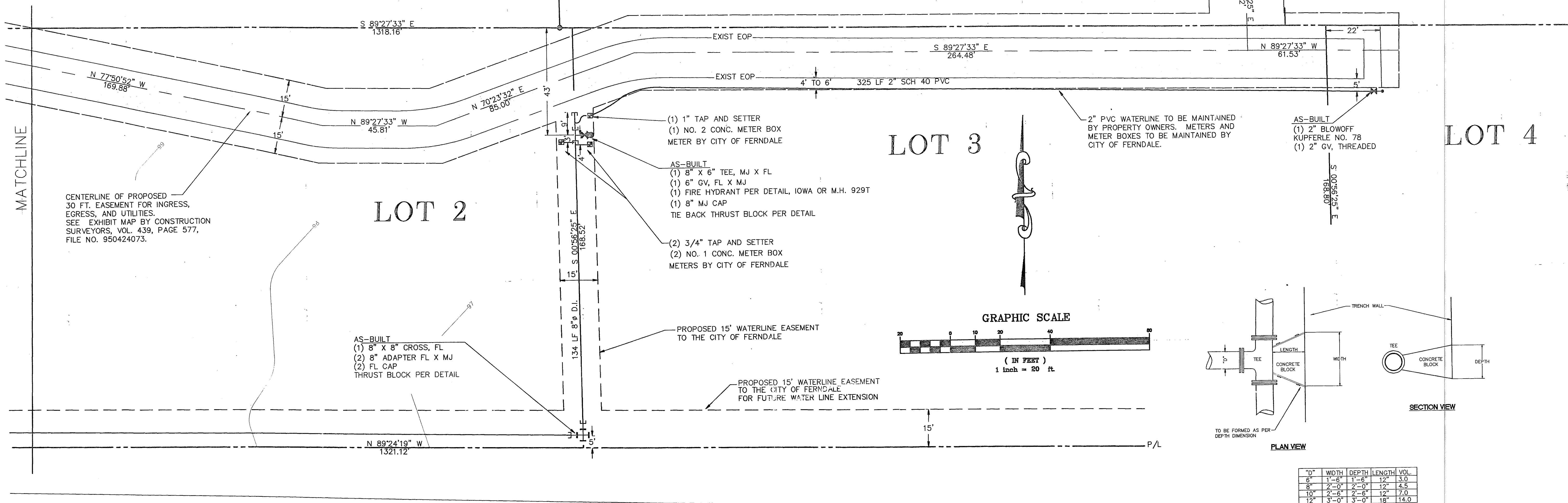
DESIGNED BY
SPW
DRAWN BY
SPW
CHECKED BY
CFR

REICHHARDT & EBE
ENGINEERING, INC.
CONSULTING ENGINEERS
PO Box 978 423 Front St., Ste 201
Lynden, Washington 98264
Ph (360) 354-3687
Fax (360) 354-0407

WHATCOM CO. FIRE DIST. No. 7
P.O. BOX 1599
FERDALE, WA 98248

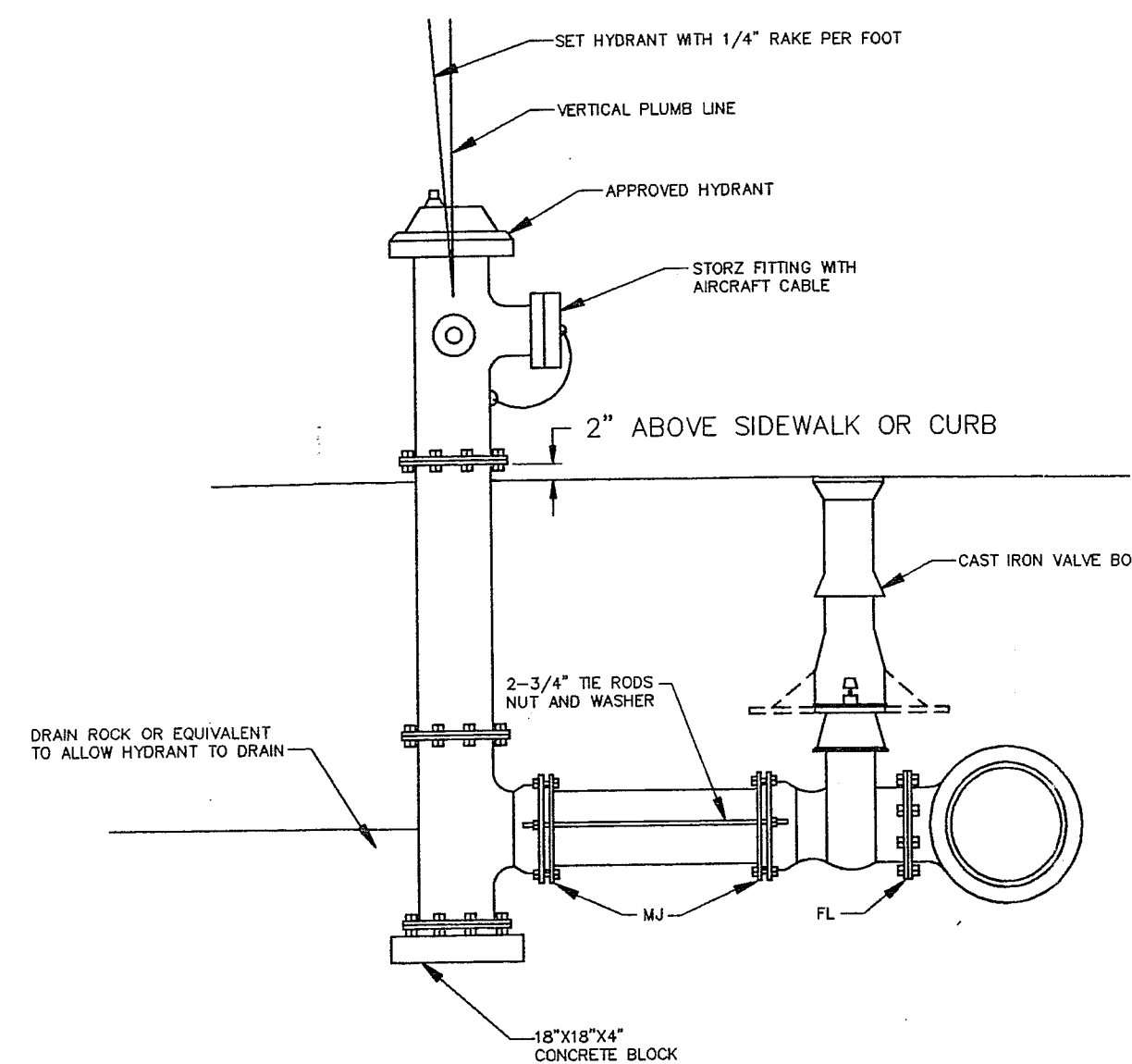
WATER LINE EXTENSION
WHATCOM CO. FIRE DIST. 7
WHATCOM CO., WA

JOB# / DWG
5052 SITE
SCALE
1" = 20' n/a
DATE
6/19/96
SHEET
1 of 2

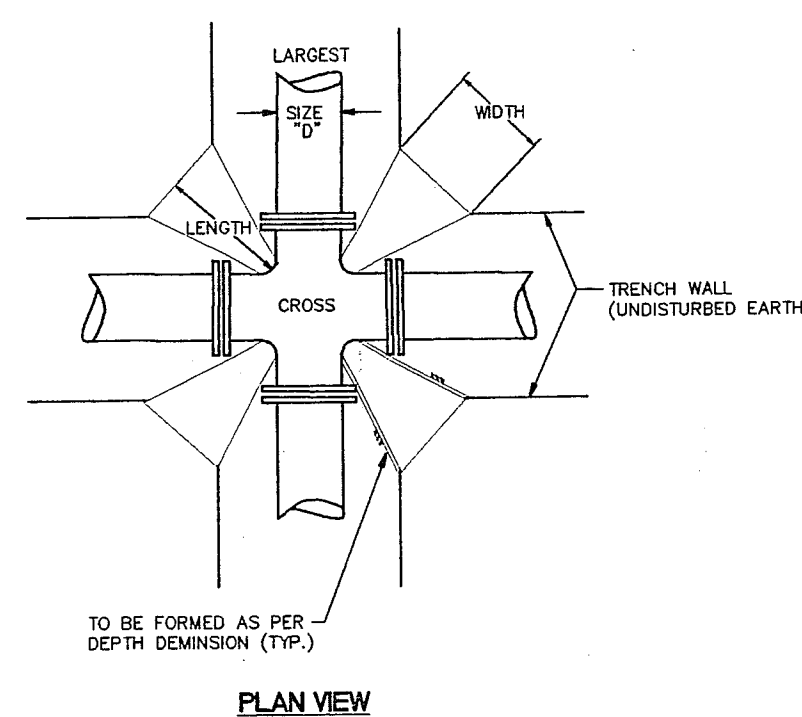


"D"	WIDTH	DEPTH	LENGTH	VOL.
6"	1'-6"	1'-6"	12"	3.0
8"	2'-0"	2'-0"	12"	4.5
10"	2'-6"	2'-6"	12"	7.0
12"	3'-0"	3'-0"	18"	14.0

VOL. = Approx. Volume of Blocking Material Required in cu. ft.

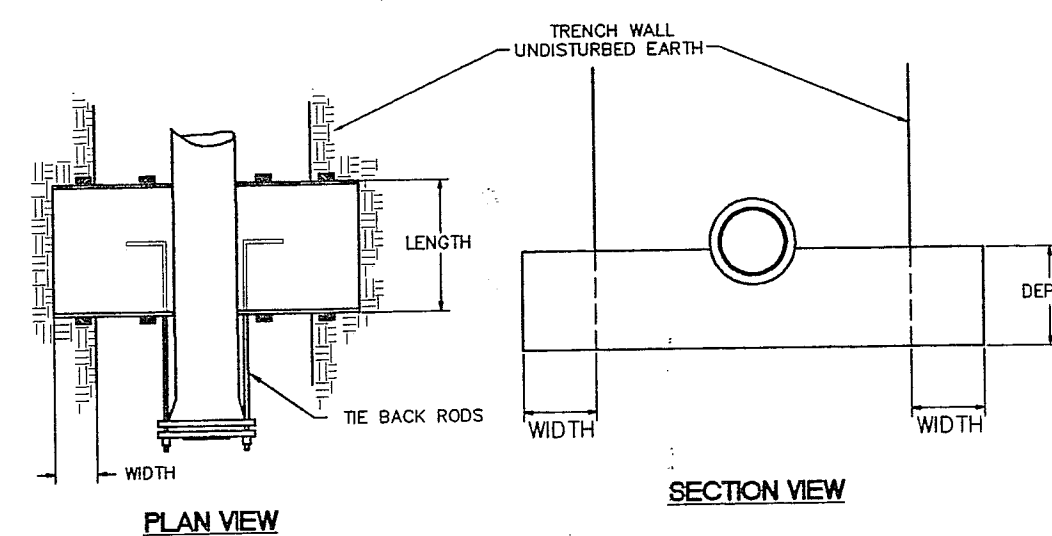


HYDRANT INSTALLATION DETAIL



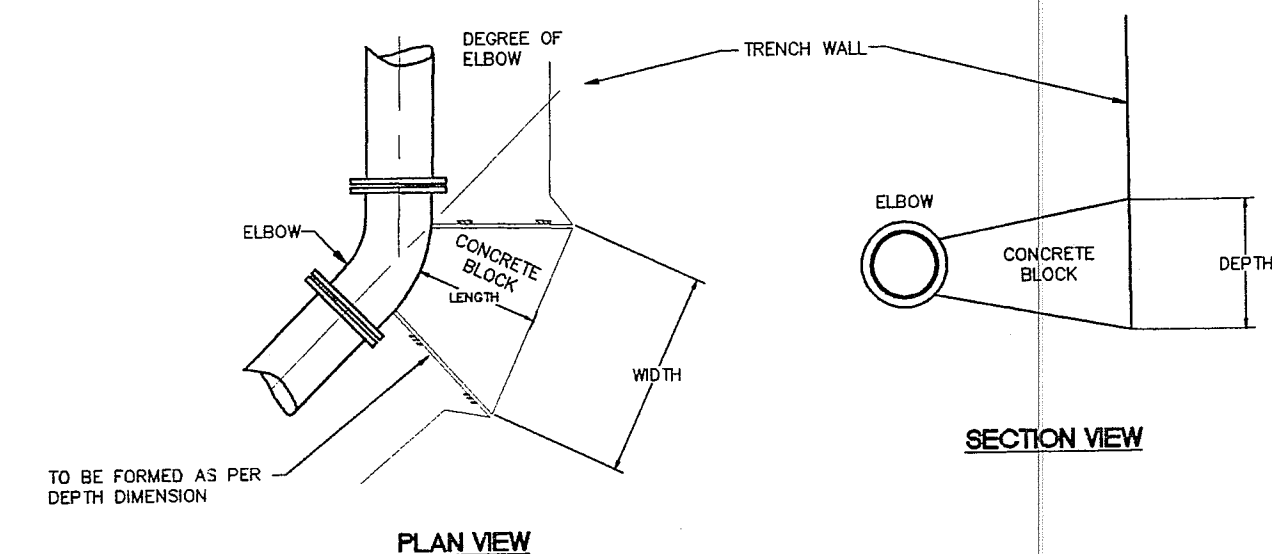
"D"	WIDTH	DEPTH	LENGTH	VOL.	X4 blocks/joint
6"	1'-0"	1'-0"	12"	0.63	2.50 cu. ft.
8"	1'-3"	1'-3"	12"	1.00	4.01 cu. ft.
10"	1'-6"	1'-6"	12"	1.63	6.50 cu. ft.
12"	1'-9"	1'-9"	18"	3.06	12.19 cu. ft.

VOL. = Approx. Volume of Blocking Material Required in cu. ft.



"D"	WIDTH	DEPTH	LENGTH	*VOL.	# OF RODS	ROD DIA.
6"	1'-6"	1'-6"	12"	7.5	2	1/2"
8"	2'-0"	2'-0"	18"	20.0	2	5/8"
10"	2'-6"	2'-6"	24"	37.5	2	3/4"
12"	2'-9"	2'-9"	24"	44.0	4	3/4"

*VOL. = Approx. Volume of Blocking Material Required in cu. ft.
RODS: A36 STEEL MINIMUM



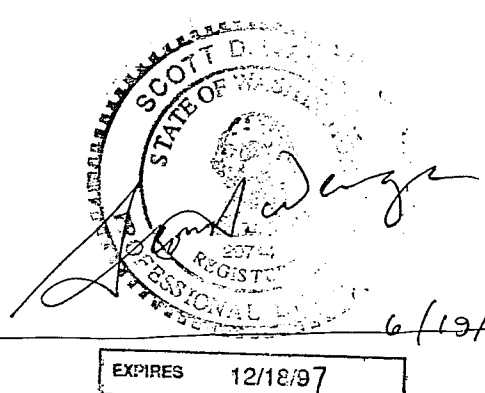
SIZE	LENGTH	11 1/4"			22 1/2"			45°			90°		
		WIDTH	DEPTH	VOL.	WIDTH	DEPTH	VOL.	WIDTH	DEPTH	VOL.	WIDTH	DEPTH	VOL.
6"	12"	1'-0"	1'-0"	0.63	1'-0"	1'-0"	0.63	1'-8"	1'-6"	1.25	2'-3"	1'-6"	1.88
8"	12"	1'-3"	1'-3"	1.00	1'-3"	1'-3"	1.00	1'-9"	1'-9"	1.75	3'-0"	2'-0"	3.33
10"	12"	1'-9"	1'-6"	1.72	1'-9"	1'-6"	1.72	2'-3"	2'-3"	2.88	3'-6"	2'-6"	4.86
12"	18"	2'-0"	1'-9"	3.48	2'-0"	1'-9"	3.48	2'-9"	2'-6"	5.98	4'-0"	3'-0"	10.00

VOL. = Approx. Volume of Blocking Material Required in cu. ft.

TYPICAL THRUST BLOCKING DETAILS

NTS
SOIL BEARING CAPACITY 1500 PSF MINIMUM
100 P.S.I. OPERATING PRESSURE
200 P.S.I. TEST PRESSURE

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CFR

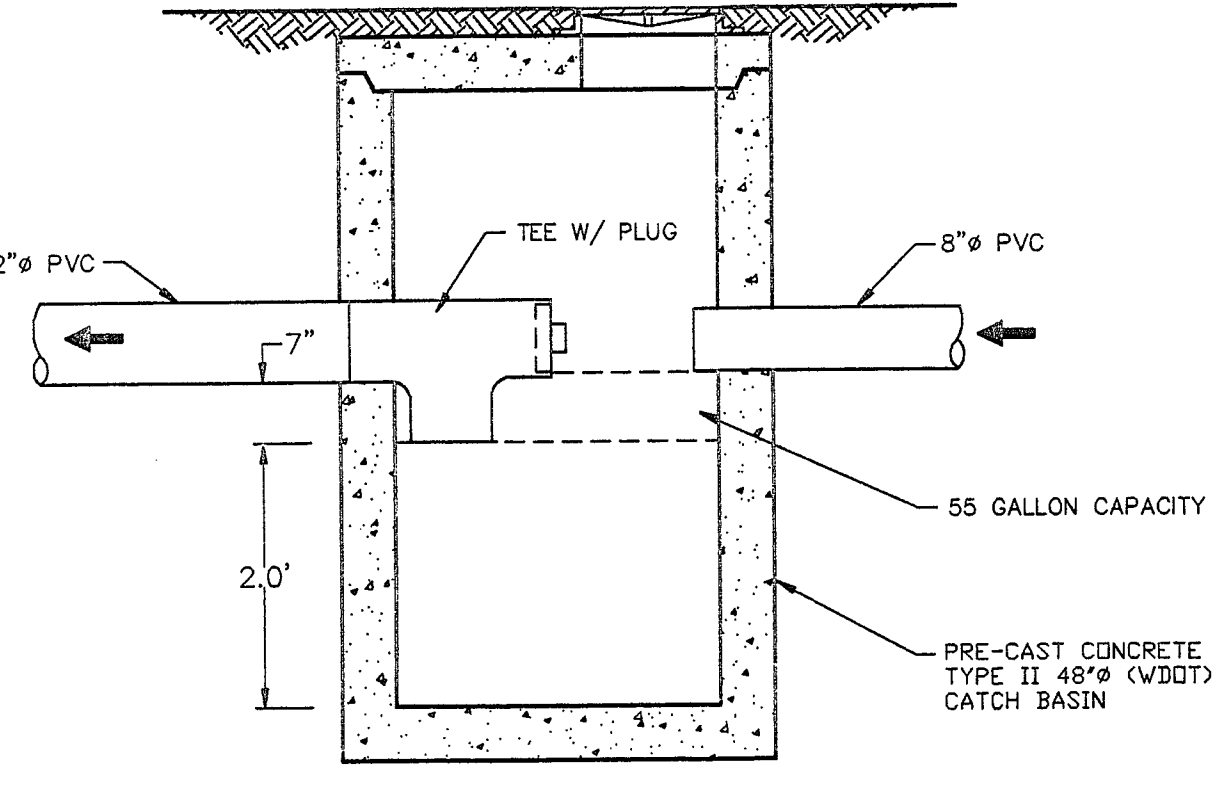
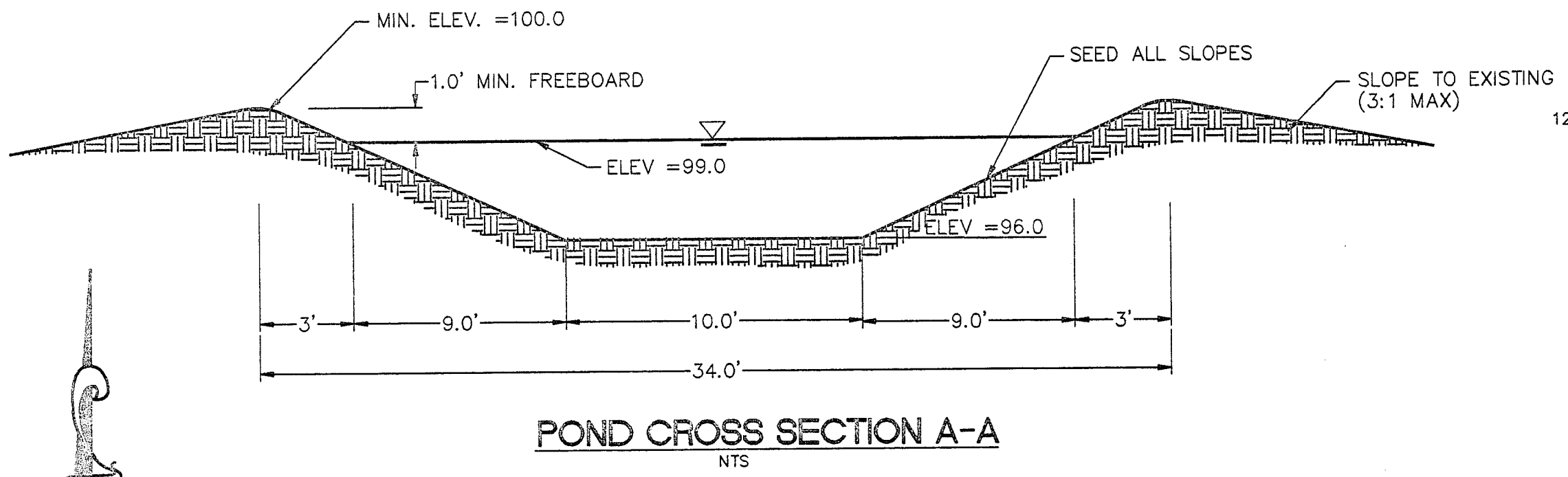
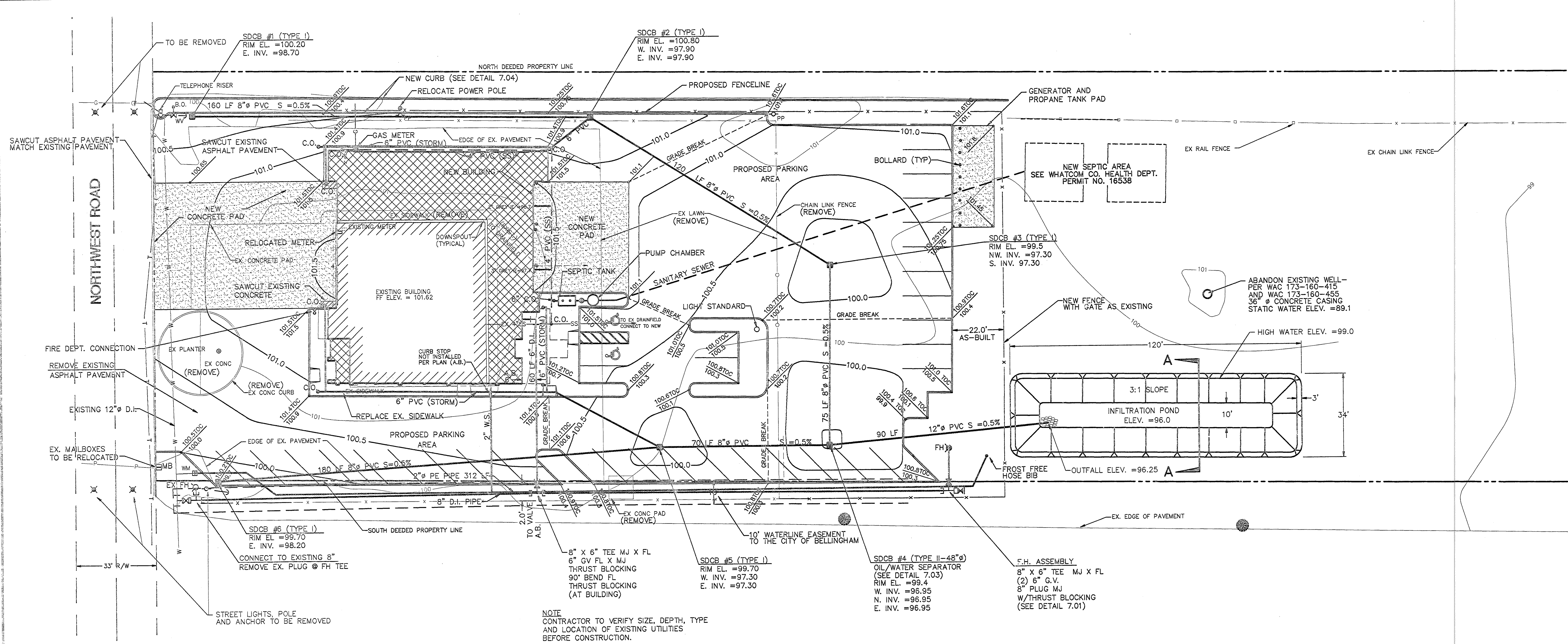
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WHATCOM CO. FIRE DIST. No. 7
P.O. BOX 1599
FERNDAL, WA 98248

WATER LINE EXTENSION
WHATCOM CO. FIRE DIST. 7
WHATCOM CO., WA

JOB# / DWG
5/051 SITE
SCALE
H:1" = 20' v: n/a

DATE
6/19/96
SHEET
2 of 2



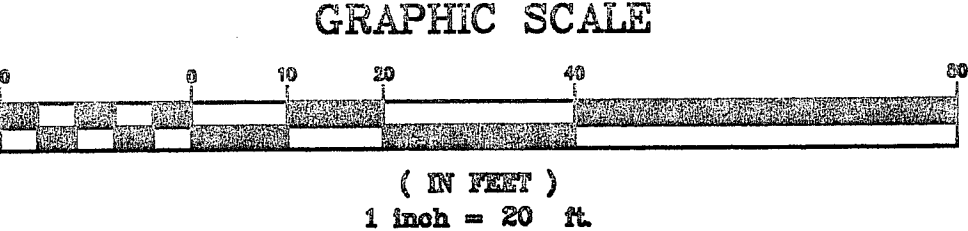
NOTE:

- THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY. TOPOGRAPHIC INFORMATION PROVIDED BY NORTHWEST SURVEYING, LYNDEN, WA. DATUM ASSUMED.
- FOR ALL DIMENSIONS REFER TO ARCHITECTS SITE PLAN.

LEGAL DESCRIPTION:

AS PER A.F. NO. 1155933, JONES TO W.C.F.D. NO.7 THE NORTH HALF OF THE SOUTH HALF OF THE NORTH HALF OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 27, TOWNSHIP 39 NORTH, RANGE 2 EAST, W.M., LESS ROAD.

- LEGEND**
- | | | |
|----------|----------|-------------------------------|
| EXISTING | PROPOSED | |
| 100 STOC | 100.0 | STORM DRAIN CATCH BASIN |
| 101 | 100.0 | TOP OF CURB EL. EL. @ ASPHALT |
| x | x | FENCELINE |
| 101 | 100.0 | CONTOUR |
| | | CURB (SEE DETAIL) |
| FH | FH | FIRE HYDRANT |
| WV | WV | WATER VALVE |
| WM | WM | WATER METER |
| W | W | WATER MAIN |
| T | T | UG TELEPHONE |
| P | P | UG POWER |
| PA | PA | POWER POLE |
| PA | PA | POLE ANCHOR |
| | | PROPERTY LINE |



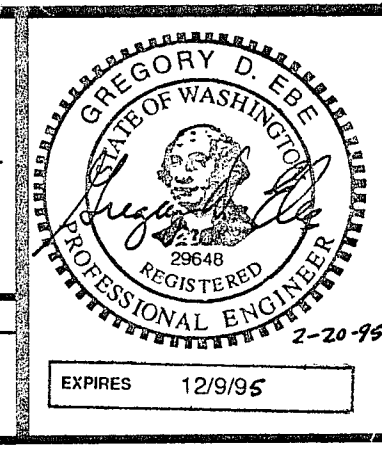
ISSUE	DATE	BY	REVISIONS
G			
F			
E	2/20/95	GDE	AS BUILT WATER LINE
D	10/6/93	GDE	REMOVE TEE @ CONNECTION, RELOCATE FIRE DEPT. CONN.
C	7/26/93	GDE	ARCHITECT'S REVISIONS, ADD OWS DETAIL
B	7/16/93	GDE	MOVED WL, F.D.C., SEPTIC
A	7/2/93	GDE	SUBMITTED FOR REVIEW

REICHARDT & EBE
ENGINEERING, INC.
CONSULTING ENGINEERS

2380 Grandview Rd.
Ferndale, Washington 98248

Phone 366-3456
Fax 366-3139

DRAWN BY	DESIGNED BY	CHECKED BY	JOB # / DRAWING
WT	GDE		3015 SITE



AS BUILT WATER LINE
2/20/95

SITE PLAN
W.C.F.D. NO.7 STATION 3
NORTHWEST ROAD, WHATCOM CO.

DATE	SCALE	SHEET
5/12/93	H: 1" = 20'	v: n/a
		1 of 1