

0+00' E
EXISTING 8"Ø GATE VALVE
EXISTING 10" X 10" X 8"Ø TEE

WEST AXTON ROAD

5+35' E
12"Ø GATE VALVE

Maximum time out of service - 1 Hr

0+02' E
10" X 12"Ø REDUCER
12"Ø GATE VALVE

80' (+/-)
Place G.V. Block or Tieback, & Proceed
306 L.F. - 12"Ø D.I. WATER MAIN

3+06' E
0+00' E
12" X 12" X 8"Ø TEE
8"Ø GATE VALVE

5+34' E, 12' L
F.H.
2-4"Ø GUARD
POSTS

238 L.F. - 12"Ø D.I. WATER MAIN (+/-)

EXISTING 10"Ø A.C. WATER MAIN
EXISTING 10"Ø GATE VALVE

214.98' N 89° 06' 17" W

BORE AND JACK
12"Ø STEEL CASING

30' ACCESS, EGRESS
AND UTILITY EASEMENT
195 L.F. - 8"Ø D.I. WATER MAIN

FOUR CORNERS SHORT PLAT

PREVIOUSLY PLATTED LOTS

NORTHWEST ROAD

231.35' N 89° 19' 58" E

FOUR CORNERS SHORT PLAT

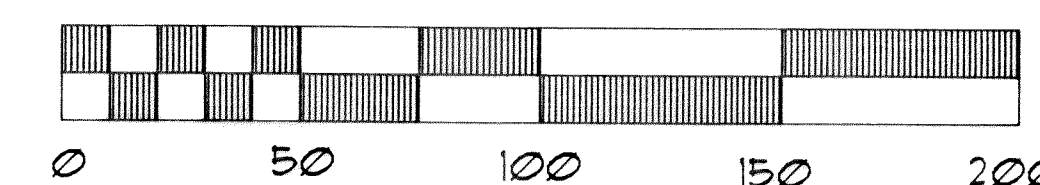
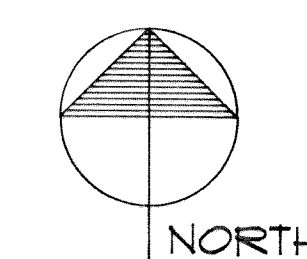
AS-BUILT
KENNETH GASTON
5/22/92

GENERAL NOTES

1. All work and materials shall be done in accordance with 1988 Standard Specifications for Road, Bridge and Municipal Construction by Washington State Department of Transportation and Standard Plans provided by the City of Ferndale. All work shall be subject to approval of the Director of Public Works.
2. Contractor shall restore all public and private property disrupted by the project.
3. Contractor shall inform the Engineer of any proposed changes in plan prior to construction of that change. Contractor shall keep record of deviations and forward to Engineer. Engineer will provide City with a certified As-Built mylar at the completion of the street and utility improvements.
4. Contractor shall contact Utilities Coordinating 48 hours in advance of construction (1-800-424-5555).
5. All subgrade embankment and trench backfill including sanitary sewer lines, side sewers, water mains, water services, and storm drains shall be Engineer approved material compacted to a minimum of 95 percent of maximum density as determined by a Modified Proctor Test (ASTM D1559).
6. All locations of utilities shown are approximate. It shall be the responsibility of the contractor to verify the true and correct location.
7. Contractor shall schedule a pre-construction meeting with the Engineer prior to construction of the storm system. (Greg Dibble, P.E., 100 Central Ave. Bellingham, 734-1288).

WATER MAIN & APPURTENANCES

1. Water main shall be ductile iron pipe thickness Class 50. Minimum cover shall be 36 inches.
2. All Gate Valves to be AWWA C509-87. All Valve Boxes to be 2 piece Cast Iron. All Main Line Gate Valves to be referenced with a concrete valve marker post where outside the street or sidewalk section.
3. Fittings shall be cast or ductile iron flanged or mechanical joint. Concrete thrust blocking shall be the responsibility of the contractor, but shall not have less than 4 square feet of bearing against undisturbed earth.
4. Contractor shall confer with the City of Ferndale Department of Public Works regarding method of filling and pressure testing pipe prior to proceeding with construction. Test Pressure shall be a minimum of 200 psi.
5. Fire Hydrant assemblies shall be Iowa F 5110 or M&H 929 with 5-1/2" MVO, subject to City of Ferndale approval.
6. Connection to existing City water main shall be by the contractor after satisfactory completion of pressure and sanitary testing.
7. All sterilization and testing (as required) shall be conducted under the supervision of the City Public Works Office and / or Project Engineer.
8. Contractor shall contact the Engineer for inspection and location of corporation stops and water service lines prior to backfilling trenches.
9. All Work and Material shall be in accordance with City of Ferndale Standards.



GREG DIBBLE, P.E.
CONSULTING ENGINEER
100 CENTRAL AVE 734-1288
BELLINGHAM, WA 98225

Vic Unick

SCALE: 1" = 40'	APPROVED BY:	DRAWN BY: K.G.
DATE: 8/19/91	10-11-91 <i>John & Ray</i>	REVISED:
Four Corners Short Plat		
Water Main Extension		DRAWING NUMBER 70391