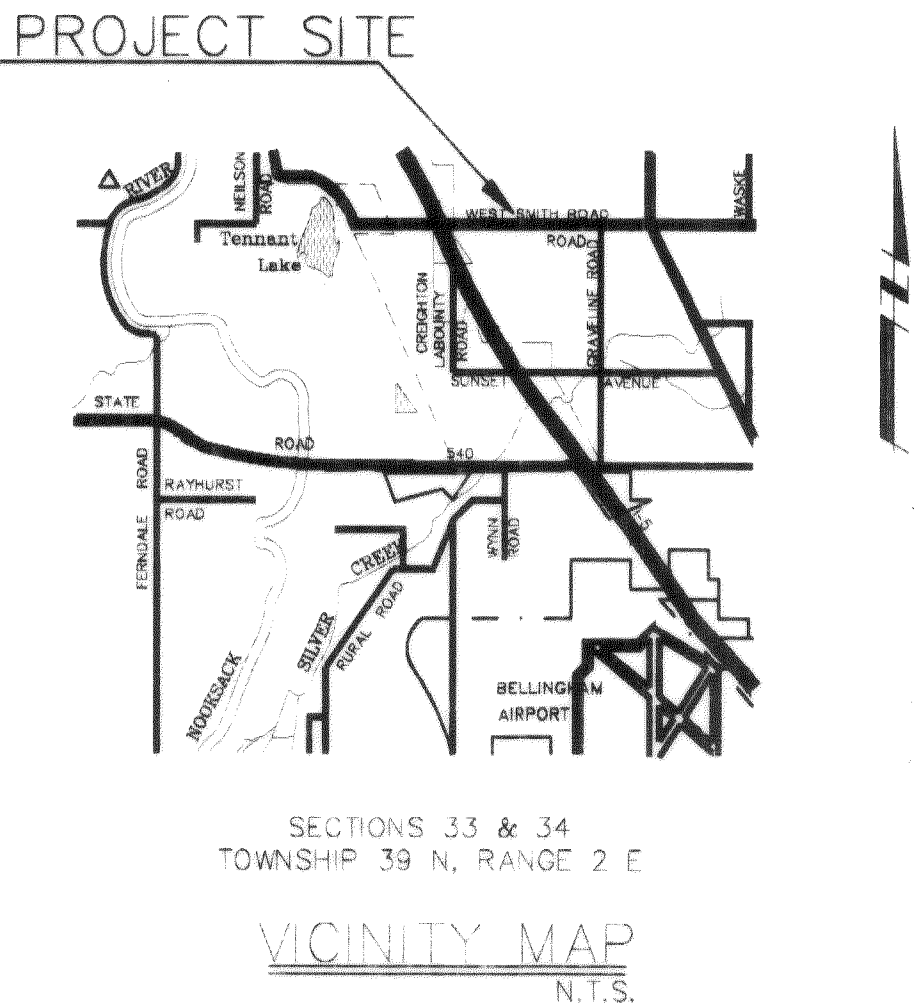


WHATCOM COUNTY P.U.D.
SMITH ROAD WATER EXTENSION

CONTRACT DRAWINGS
FOR
WATERLINE EXTENSION
FERNDALE, WASHINGTON
SECTIONS 33 & 34, T 39 N, R 2 E

CONSULTING ENGINEERS: WEDEN ENGINEERING, INC. 119 GRAND AVE., STE. D, 671-8200
OWNER: WHATCOM COUNTY P.U.D. NO. 1
CONTACT PERSON: TOM ANDERSON



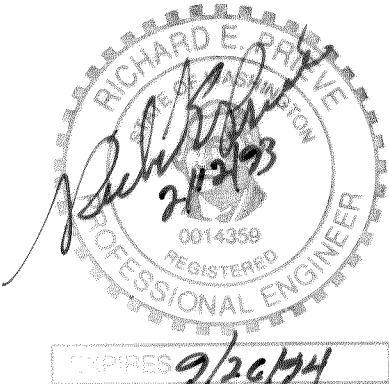
DRAWING INDEX

SHT. NO.	TITLE
1.	COVER SHEET- VICINITY MAP, LEGEND, NOTES
2.	WATERLINE - STA. 0+00 TO STA. 9+00 WEST SMITH ROAD
3.	WATERLINE - STA. 9+00 TO STA. 15+00 WEST SMITH ROAD
4.	WATERLINE - STA. 15+00 TO STA. 25+00 WEST SMITH ROAD
5.	WATERLINE - STA. 25+00 TO STA. 40+00 WEST SMITH ROAD
6.	WATERLINE - STA. 40+00 TO STA 55+00 WEST SMITH ROAD
7.	WATERLINE - STA. 55+00 TO STA. 70+00 WEST SMITH ROAD
8.	WATERLINE - STA. 70+00 TO STA. 76+00 WEST SMITH ROAD
9.	WATERLINE - STA. 76+00 TO END WEST SMITH ROAD
9A.	WATERLINE - STA. 0+00 TO 3+66C WHATCOM COUNTY LIBRARY
10.	WATERLINE - STA. 0+00 TO STA. 14+00 PACIFIC HIGHWAY
11.	WATERLINE - STA. 14+00 TO STA. 26+00 PACIFIC HIGHWAY
12.	WATERLINE - STA. 0+00 TO STA. 7+35 ACCESS ROAD
13.	WATERLINE - STA. 0+00 TO STA. 10+10 (END) NORTHWEST ROAD
14.	DETAILS

LEGEND

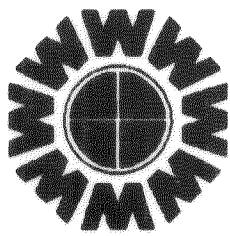
PLAN	PROFILE
	EXISTING
	EXISTING GROUND
	MANHOLE / SANITARY SEWER
	CATCH BASIN / STORM PIPE
	EXISTING PIPING
	FIRE HYDRANT ASSEMBLY
	VALVE W/ VALVE STEM

- GENERAL NOTES
- THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THESE LOCATIONS PRIOR TO CONSTRUCTION.
 - ALL WORK SHALL CONFORM TO THE STANDARD PLANS AND SPECIFICATIONS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT), AND CITY OF FERNDALE STANDARDS UNLESS INDICATED OTHERWISE BY THE CONTRACT DOCUMENTS. IN CASE OF A CONFLICT BETWEEN THE REGULATORY STANDARDS OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT WILL PREVAIL.
 - THE CONTRACTOR SHALL ATTEND PRE-CONSTRUCTION CONFERENCES WITH THE WHATCOM COUNTY DIVISION OF ENGINEERING, CITY OF FERNDALE, AND WHATCOM COUNTY P.U.D. NO. 1 PRIOR TO BEGINNING CONSTRUCTION.
 - UNDERGROUND UTILITIES ARE KNOWN TO EXIST IN THE AREA OF CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITY OWNERS FOR LOCATIONS AND TO NOTIFY THE ENGINEER PROMPTLY OF ANY CONFLICT.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ADJACENT UTILITIES WHICH INCLUDE, BUT ARE NOT LIMITED TO, WATER, SEWER, STORM SEWER, POWER, TELEPHONE, CABLE TV, IRRIGATION, AND STREET LIGHTING.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES (SILT FENCE, STRAW BALE DAMS, SILT PONDS, ECT.) AS DIRECTED BY THE ENGINEER THROUGHOUT THE DURATION OF THE PROJECT.
 - ALL WORK WITHIN COUNTY RIGHT OF WAYS MUST BE INSPECTED BY A REPRESENTATIVE OF THE COUNTY ENGINEERING DIVISION. THE CONTRACTOR SHALL CALL AT LEAST 24 HOURS IN ADVANCE FOR COUNTY INSPECTION AS FOLLOWS:
 - PLACEMENT OF TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES
 - PLACEMENT OF WATERLINE AND BACKFILLING OF WATERLINE WITH ROAD RIGHT-OF-WAY.
 - ROADWAY/SHOULDER RESTORATION AT:
 - COMPLETION OF SUBGRADE
 - COMPLETION OF BALLAST
 - COMPLETION OF CRUSHED SURFACING
 - POURING OF CURB/GUTTER AND SIDEWALK
 - ASPHALT PAVING IN PROGRESS.
 - OVERALL INSPECTION FOR FINISHED SHOULDERS, DITCHES, PERMANENT SEEDING AND MONUMENT PLACEMENT
 - STORM PIPE SHALL BE OF AN APPROVED MATERIAL AND OF THE SIZE NOTED ON THE PLANS.
 - CONTRACTOR SHALL RIP RAP ALL CULVERT INLETS AND OUTLETS.
 - CONTRACTOR SHALL RESTORE ALL PRIVATE AND PUBLIC PROPERTY DISRUPTED BY THE PROJECT IMMEDIATELY AFTER CONSTRUCTION.



RECORD DRAWING

NO.	REVISIONS	BY	DATE



WEDEN ENGINEERING, INC.
119 GRAND AVENUE, SUITE D,
BELLINGHAM, WA. 98225 671-8200

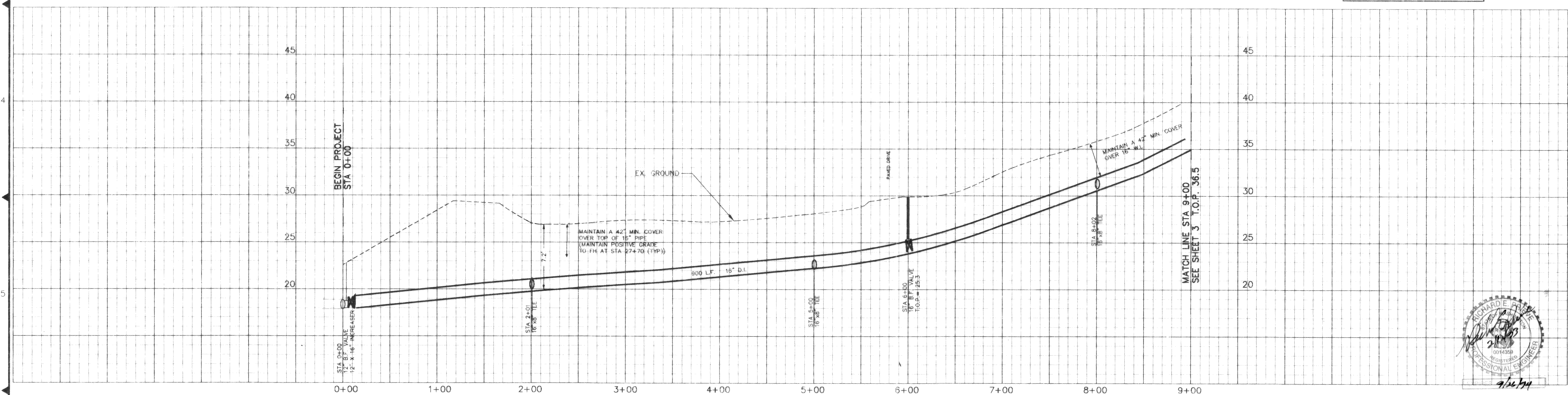
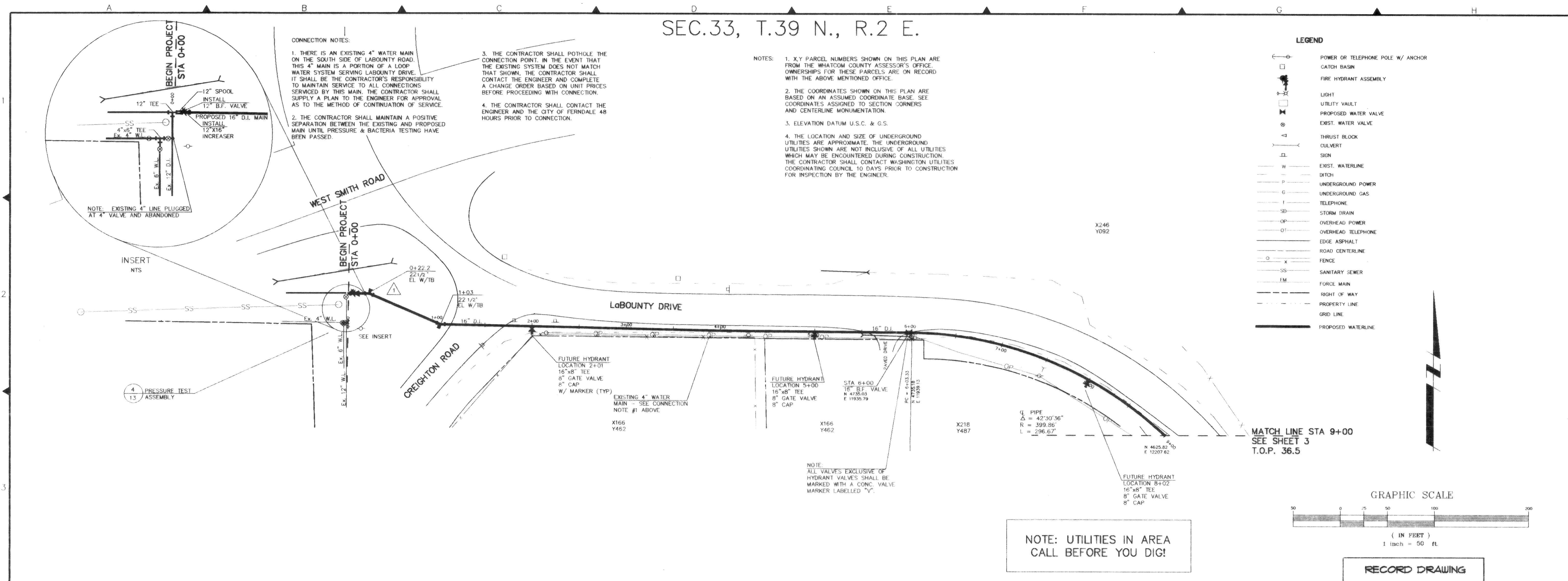
DESIGNED BY
C.O.L.
DRAWN BY
T.E.P.
CHECKED BY

WHATCOM COUNTY P.U.D.
SMITH ROAD WATER EXTENSION
TITLE, VICINITY AND LOCATION MAPS, LEGEND, NOTES, AND SHEET INDEX

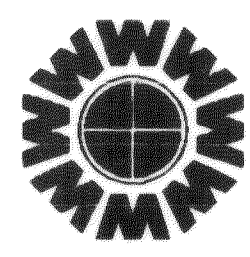
DATE
FEB., 1992
SCALE
AS SHOWN
REC. NO.
91076

SHEET
1
OF
14

SEC.33, T.39 N., R.2 E.



1	REVISED CONNECTION LOCATION	9-9-92	J.W.
NO.	REVISIONS	BY	DATE
A			
B			
C			
D			
E			
F			
G			
H			



WEDEN ENGINEERING, INC.
119 GRAND AVENUE, SUITE D,
BELLINGHAM, WA. 98225 671-8200

ONE INCH AT FULL SCALE
IF NOT ONE INCH
SCALE ACCORDINGLY

DESIGNED BY
LOL
DRAWN BY
TEP
CHECKED BY
JLW

WHATCOM COUNTY P.U.D.
SMITH ROAD WATER EXTENSION
STA. 0+00 TO STA. 9+00

DATE
1/1992
SCALE
V-1"=5'
H-1"=50'
REC. NO.
91076
1076PP2A

SHEET
2
OF
14

SEC.33, T.39 N., R.2 E.

MATCH LINE STA 9+00
SEE SHEET 2 T.O.P. 36.5

P 4685.52
E 1287.44

P1 = 9+92.00
E 1287.44

FUTURE HYDRANT
LOCATION 11+00
16" x 8" TEE
8" GATE VALVE
8" CAP
X218
Y487

EXISTING 4" MAIN
SEE CONNECTION NOTE
#1 SHEET 2 OF 13

4" CAP & BLOCK
9-10-92

STA 12+00
T&E VALVE W/ MARKER (TYP)
N 4379.0
E 12376.7

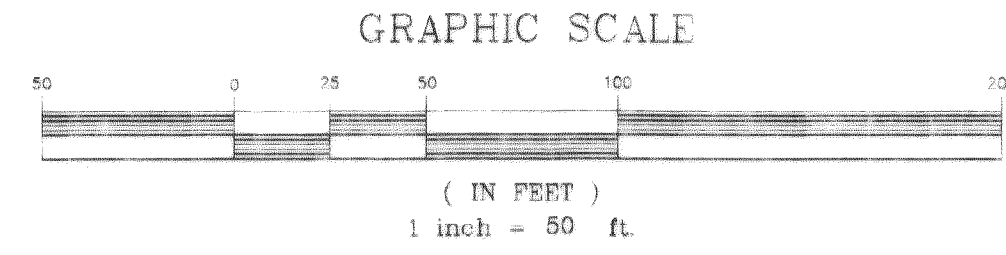
FUTURE HYDRANT
LOCATION 14+00
16" x 8" TEE
8" GATE VALVE
8" CAP

NOTE: EX. 2" WATER PROVIDES
SERVICE TO SEVERAL HOMES AND
BUSINESSES ON SHIELDS ROAD.
MAINTAIN SERVICE UNTIL NEW
CONNECTIONS HAVE BEEN SUPPLIED.

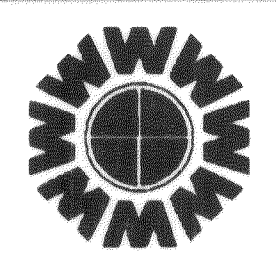
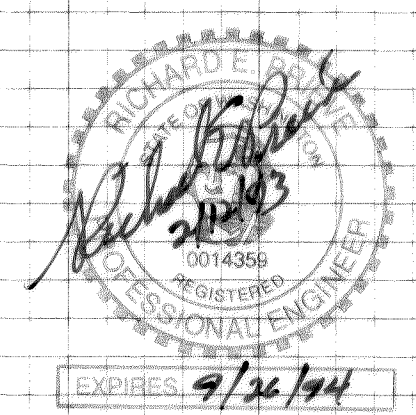
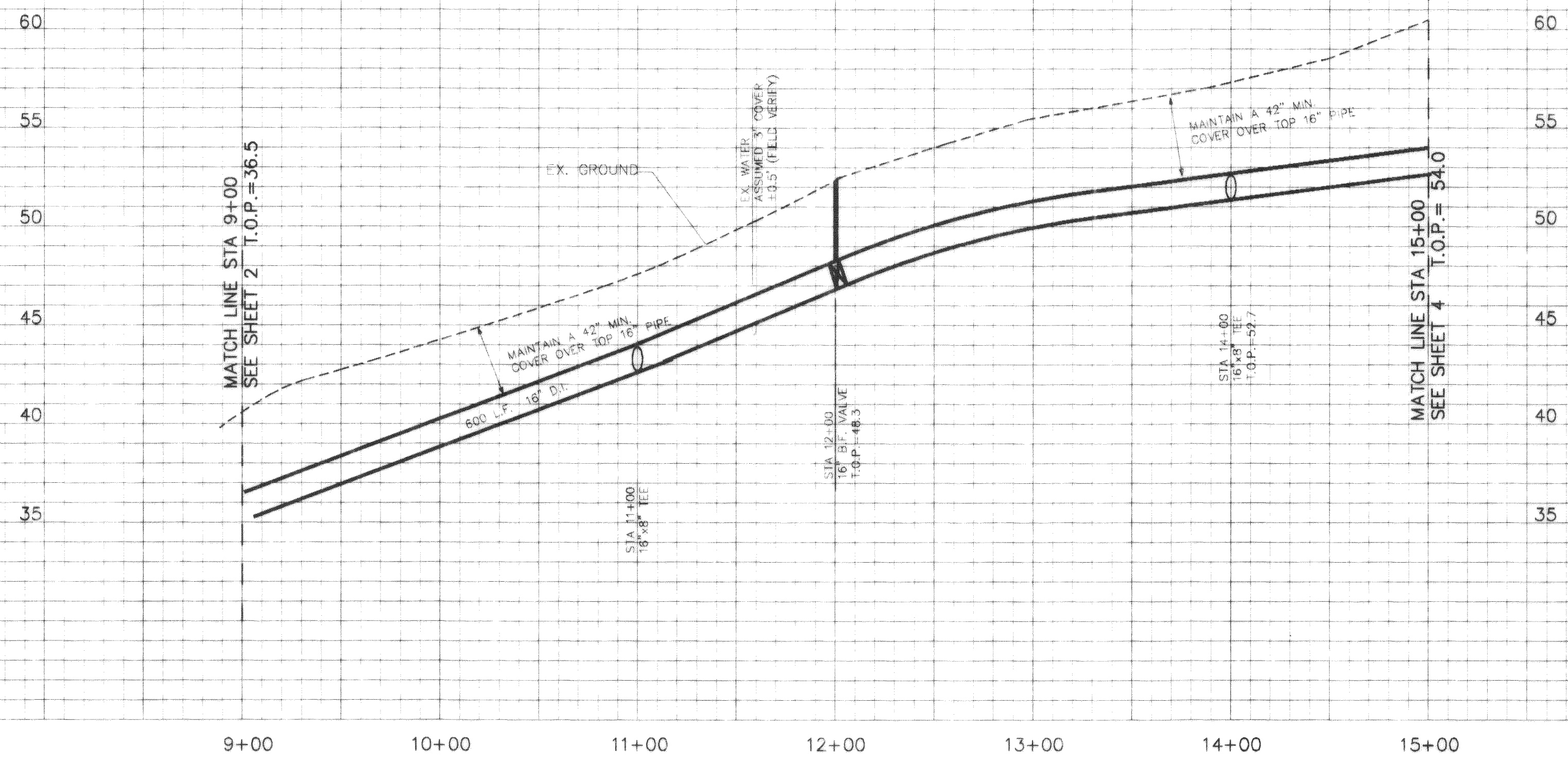
NOTE: 4" (2") WATER ABANDONED
ON 12-10-92. USERS ON SHIELDS
ROAD ARE NOW SERVICED BY NEW
WATER LINE.

- NOTES:
1. X,Y PARCEL NUMBERS SHOWN ON THIS PLAN ARE FROM THE WHATCOM COUNTY ASSESSOR'S OFFICE. OWNERSHIPS FOR THESE PARCELS ARE ON RECORD WITH THE ABOVE MENTIONED OFFICE.
 2. THE COORDINATES SHOWN ON THIS PLAN ARE BASED ON AN ASSUMED COORDINATE BASE. SEE COORDINATES ASSIGNED TO SECTION CORNERS AND CENTERLINE MONUMENTATION.
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- LEGEND
- POWER OR TELEPHONE POLE W/ ANCHOR
 - CATCH BASIN
 - FIRE HYDRANT ASSEMBLY
 - LIGHT
 - UTILITY VAULT
 - PROPOSED WATER VALVE
 - EXIST. WATER VALVE
 - THRUST BLOCK
 - CULVERT
 - SIGN
 - EXIST. WATERLINE
 - DITCH
 - UNDERGROUND POWER
 - UNDERGROUND GAS
 - TELEPHONE
 - STORM DRAIN
 - OVERHEAD POWER
 - OVERHEAD TELEPHONE
 - EDGE ASPHALT
 - ROAD CENTERLINE
 - FENCE
 - SANITARY SEWER
 - FORCE MAIN
 - RIGHT OF WAY
 - PROPERTY LINE
 - GRID LINE
 - PROPOSED WATERLINE



NOTE: UTILITIES IN AREA
CALL BEFORE YOU DIG!



WEDEN ENGINEERING, INC.
119 GRAND AVENUE, SUITE D,
BELLINGHAM, WA. 98225 671-8200

ONE INCH AT FULL SCALE
IF NOT ONE INCH
SCALE ACCORDINGLY

DESIGNED BY
col
DRAWN BY
TEP
CHECKED BY
JLW

WHATCOM COUNTY P.U.D.
SMITH ROAD WATER EXTENSION
STA. 9+00 TO STA. 15+00

1076RD3A 12/10/92 15:24

DATE
1/1992
SCALE
V-1"=5'
H-1"=50'
REC. NO.
91076
1076FP3A

SHEET
3
OF
14

SEC.33, T.39 N., R.2 E.

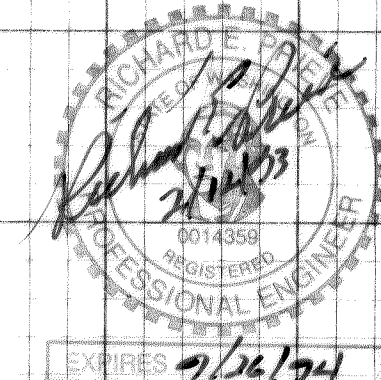
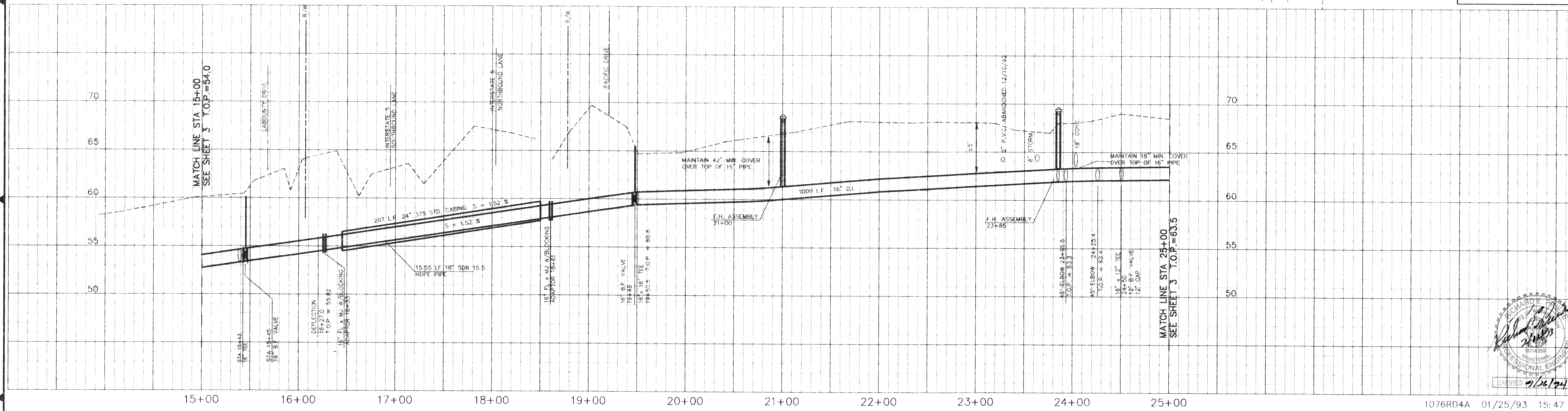
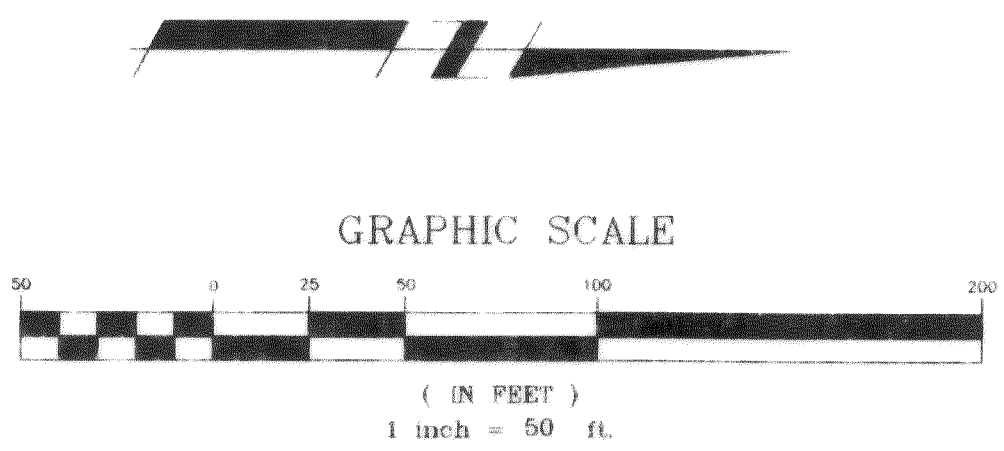
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- LEGEND
- POWER OR TELEPHONE POLE W/ ANCHOR
 - CATCH BASIN
 - FIRE HYDRANT ASSEMBLY
 - LIGHT
 - UTILITY VAULT
 - PROPOSED WATER VALVE
 - EXIST. WATER VALVE
 - THRUST BLOCK
 - CULVERT
 - SIGN
 - W EXIST. WATERLINE
 - P UNDERGROUND POWER
 - G UNDERGROUND GAS
 - I TELEPHONE
 - SD STORM DRAIN
 - OP OVERHEAD POWER
 - OT OVERHEAD TELEPHONE
 - EDGE ASPHALT
 - ROAD CENTERLINE
 - FENCE
 - SS SANITARY SEWER
 - EM FORCE MAIN
 - RIGHT OF WAY
 - PROPERTY LINE
 - GRID LINE
 - PROPOSED WATERLINE

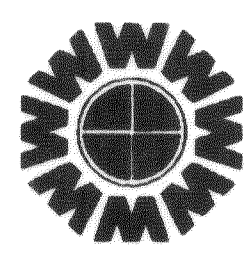
HOPE NOTES:

TESTING - THE HOPE CARRIER PIPE SHALL BE TESTED INDEPENDENTLY FROM THE REMAINDER OF THE LINE. (CONTACT HOPE SUPPLIER FOR TESTING METHOD, TIMING, MAKEUP WATER QUANTITIES.)

NOTE: UTILITIES IN AREA CALL BEFORE YOU DIG!



NO.	REVISIONS	BY	DATE
1	ADD 100 LF BORE	COL	7/15/93
2	ADDENDUM NO. 1	COL	9/4/92



WEDEN ENGINEERING, INC.
119 GRAND AVENUE, SUITE D,
BELLINGHAM, WA. 98225 671-8200

ONE INCH AT FULL SCALE
IF NOT ONE INCH SCALE ACCORDINGLY

DESIGNED BY
C.O.C.
DRAWN BY
T.E.P.
CHECKED BY
J.L.W.

WHATCOM COUNTY P.U.D.
SMITH ROAD WATER EXTENSION
STA. 15+00 TO STA. 25+00

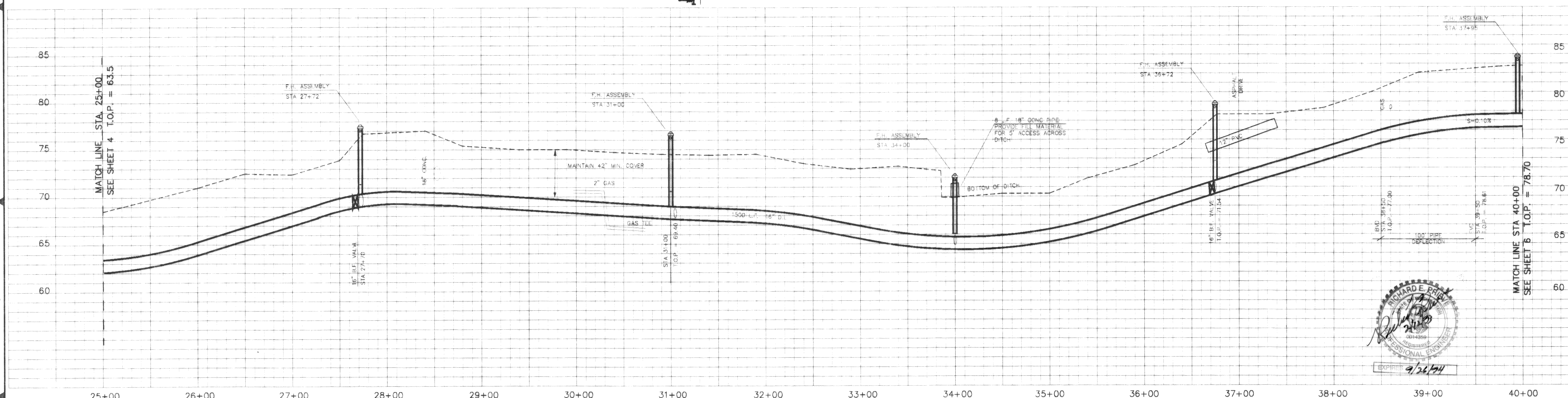
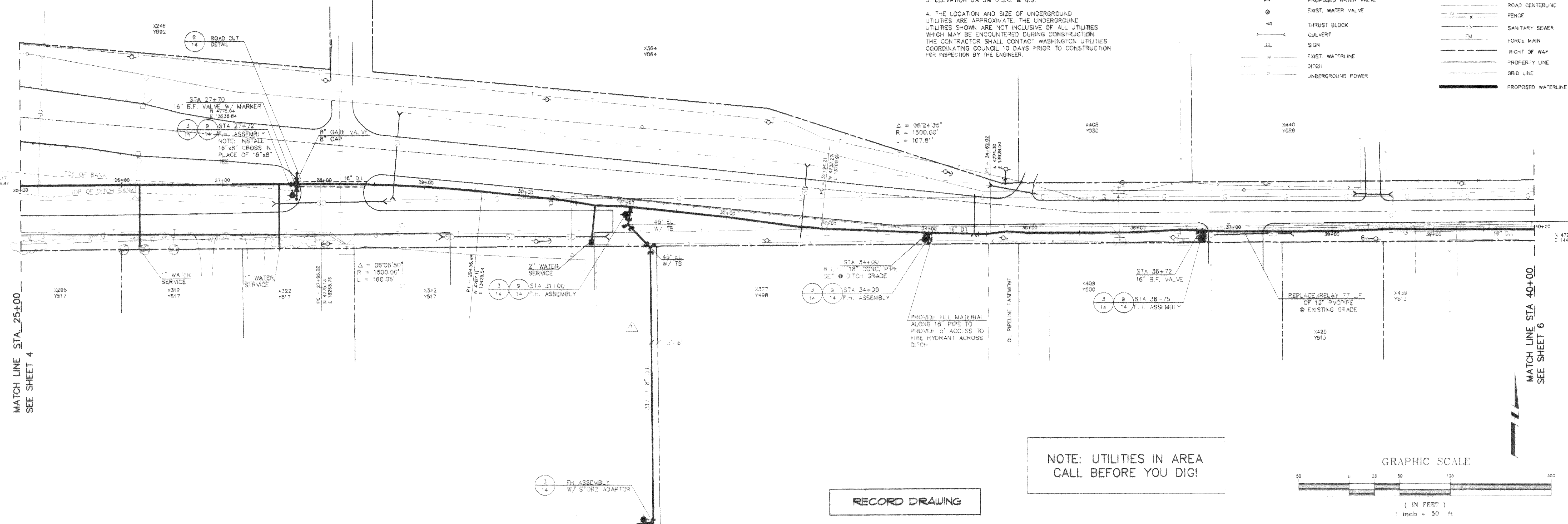
DATE
01/08/92
SCALE
Horz. 1" = 50'
Vert. 1" = 5'
REC. NO.
91076
1076RD4A

SHEET
4
OF
14

SEC.28, T.39 N., R.2 E.
SEC.33, T.39 N., R.2 E.

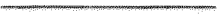
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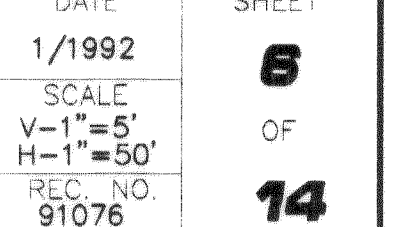
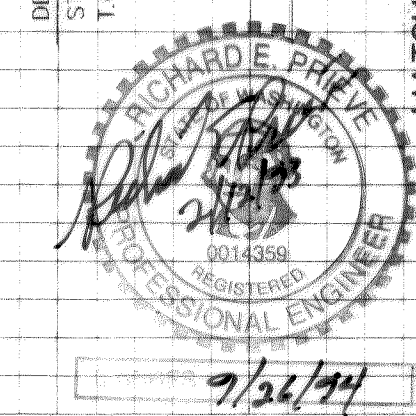
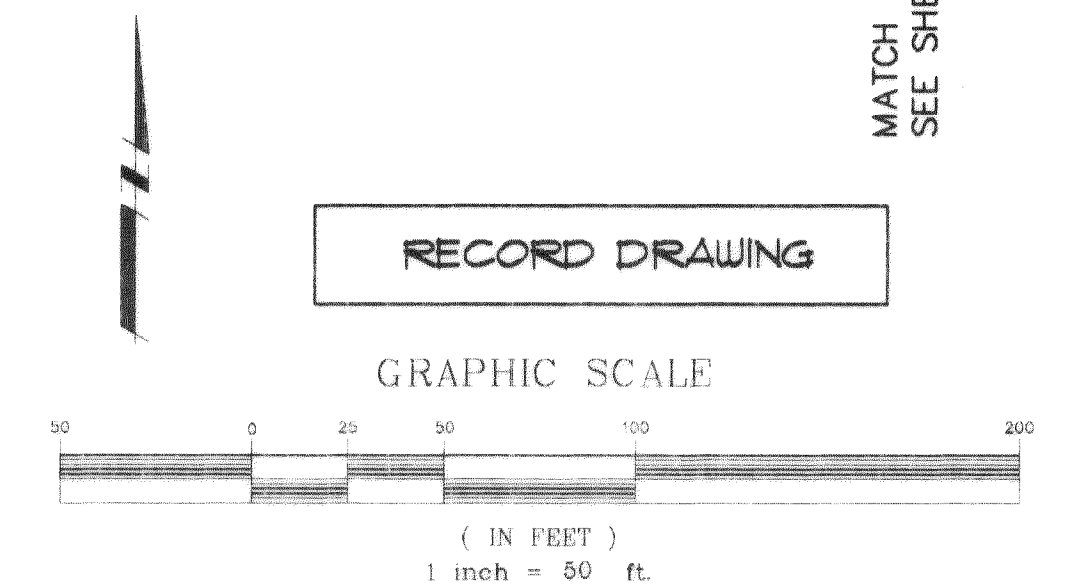
LEGEND	
	POWER OR TELEPHONE POLE W/ ANCHOR
	CATCH BASIN
	FIRE HYDRANT ASSEMBLY
	LIGHT
	UTILITY VAULT
	PROPOSED WATER VALVE
	EXIST. WATER VALVE
	THRUST BLOCK
	CULVERT
	SIGN
	EXIST. WATERLINE
	DITCH
	UNDERGROUND POWER
	UNDERGROUND GAS
	TELEPHONE
	STORM DRAIN
	OVERHEAD POWER
	OVERHEAD TELEPHONE
	EDGE ASPHALT
	ROAD CENTERLINE
	FENCE
	SANITARY SEWER
	FORCE MAIN
	RIGHT OF WAY
	PROPERTY LINE
	GRID LINE
	PROPOSED WATERLINE



SEC.27, T.39 N., R.2 E.

LEGEND

	POWER OR TELEPHONE POLE W/ ANCHOR		STORM DRAIN
	CATCH BASIN		OVERHEAD POWER
	FIRE HYDRANT ASSEMBLY		OVERHEAD TELEPHONE
	LIGHT		EDGE ASPHALT
	UTILITY VAULT		ROAD CENTERLINE
	PROPOSED WATER VALVE		FENCE
	EXIST. WATER VALVE		SANITARY SEWER
	THRUST BLOCK		FORCE MAIN
	CULVERT		RIGHT OF WAY
	SIGN		PROPERTY LINE
	EXIST. WATERLINE		GRID LINE
	DITCH		PROPOSED WATERLINE
	UNDERGROUND POWER		
	UNDERGROUND GAS		
	TELEPHONE		

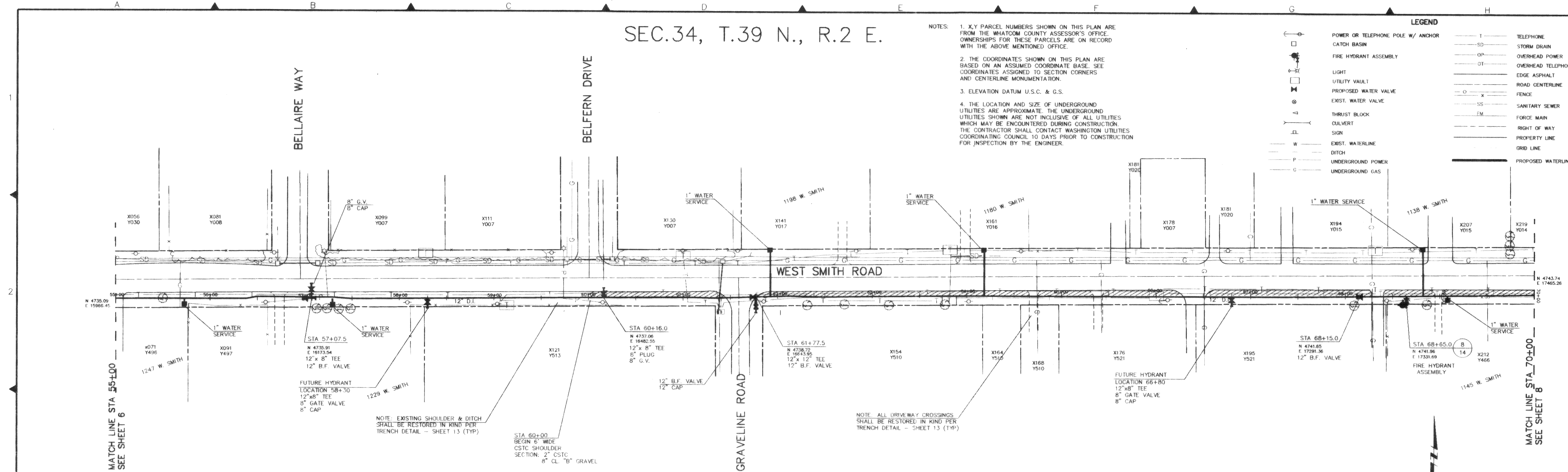


SEC.34, T.39 N., R.2 E.

- NOTES:
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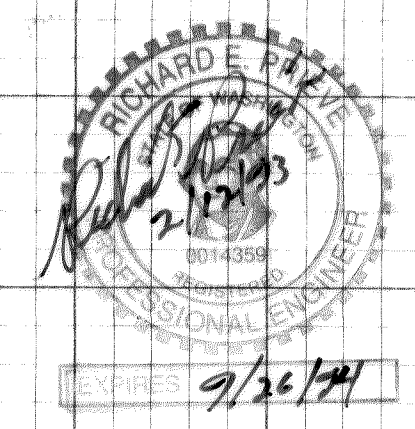
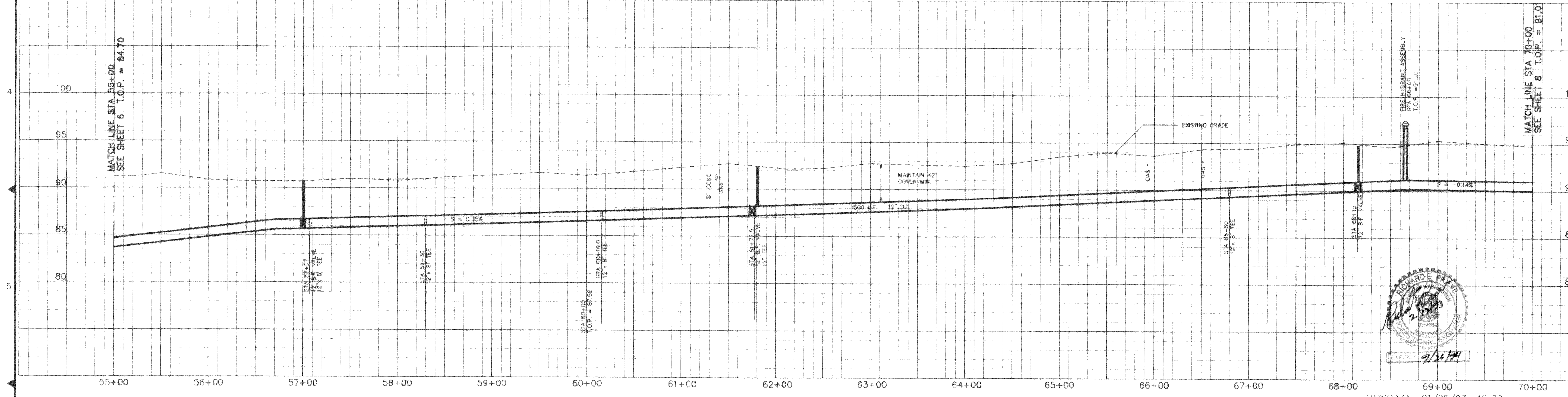
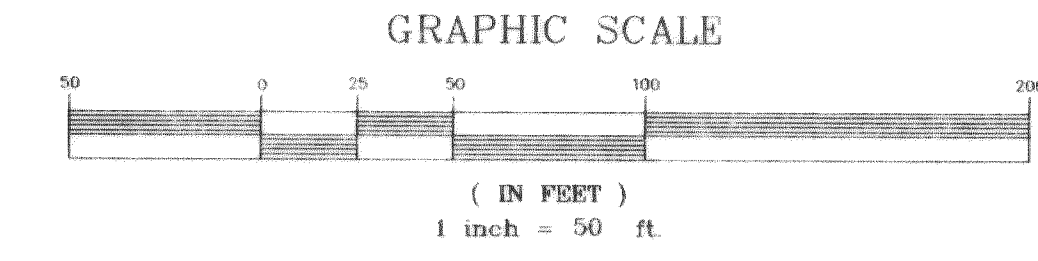
LEGEND

	POWER OR TELEPHONE POLE W/ ANCHOR		TELEPHONE
	CATCH BASIN		STORM DRAIN
	FIRE HYDRANT ASSEMBLY		OVERHEAD POWER
	LIGHT		OVERHEAD TELEPHONE
	UTILITY VAULT		EDGE ASPHALT
	PROPOSED WATER VALVE		ROAD CENTERLINE
	EXST. WATER VALVE		FENCE
	THRUST BLOCK		SANITARY SEWER
	CULVERT		FORCE MAIN
	SIGN		RIGHT OF WAY
	EXST. WATERLINE		PROPERTY LINE
	DITCH		GRID LINE
	UNDERGROUND POWER		PROPOSED WATERLINE
	UNDERGROUND GAS		



NOTE: UTILITIES IN AREA CALL BEFORE YOU DIG!

RECORD DRAWING



WEDEN ENGINEERING, INC. 119 GRAND AVENUE, SUITE D, BELLINGHAM, WA. 98225 671-8200		ONE INCH AT FULL SCALE IF NOT ONE INCH SCALE ACCORDINGLY	DESIGNED BY C.O.L. DRAWN BY TEP CHECKED BY J.L.W.	WHATCOM COUNTY P.U.D. SMITH ROAD WATER EXTENSION STA. 55+00 TO STA. 70+00	DATE 1/1992 SCALE V-1"=5' H-1"=50' REC. NO. 91076 1076PP7A	SHEET 7 OF 14
---	--	--	--	---	---	--

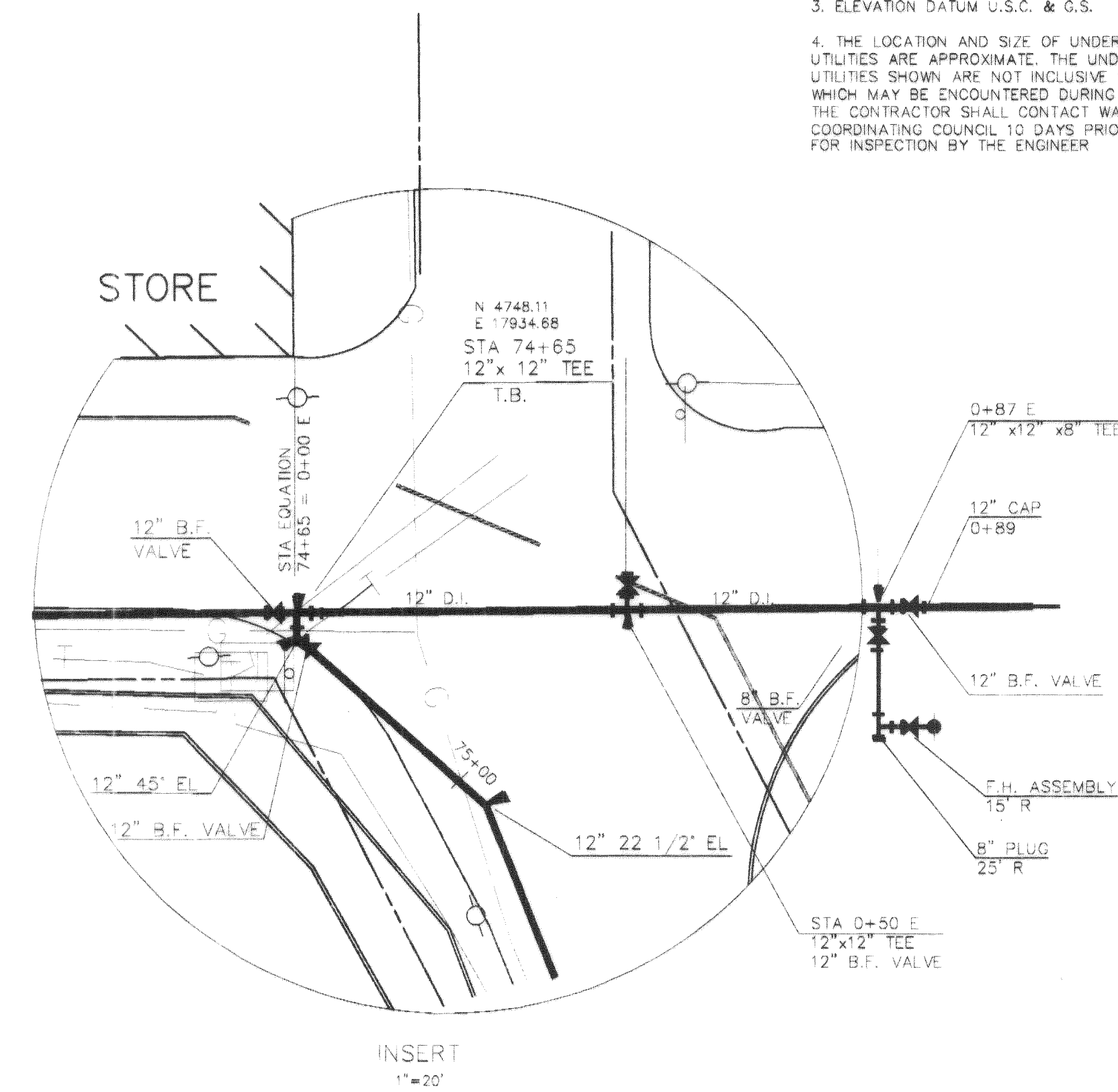
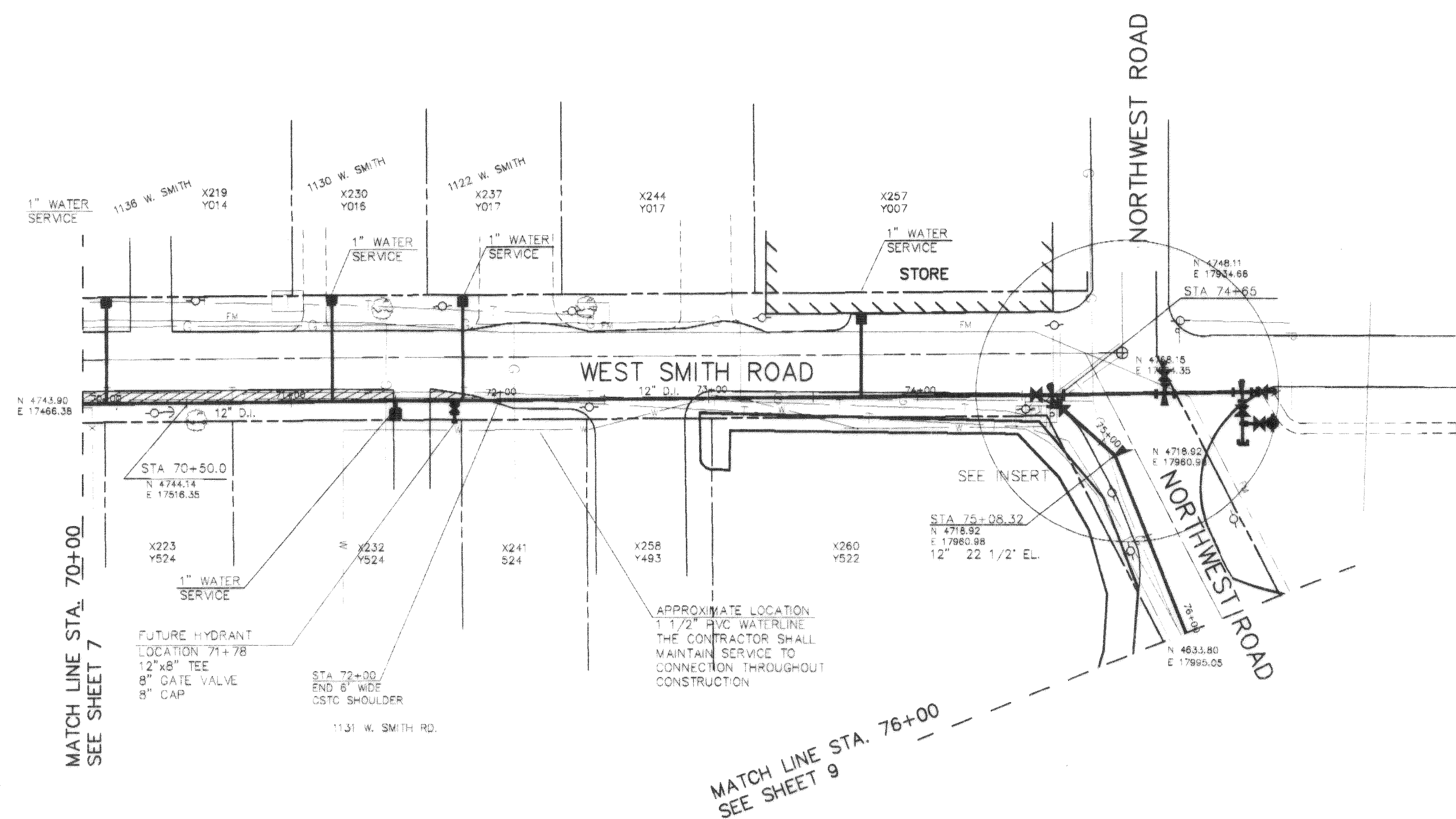
00271.007 2-3-06 KL

SEC.34, T.39 N., R.2 E.

LEGEND

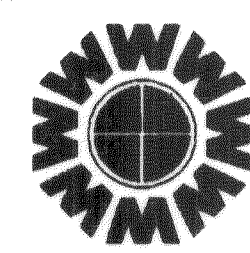
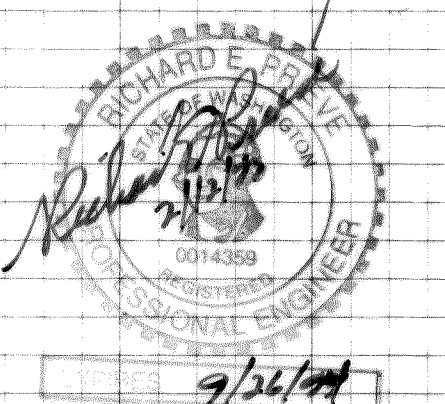
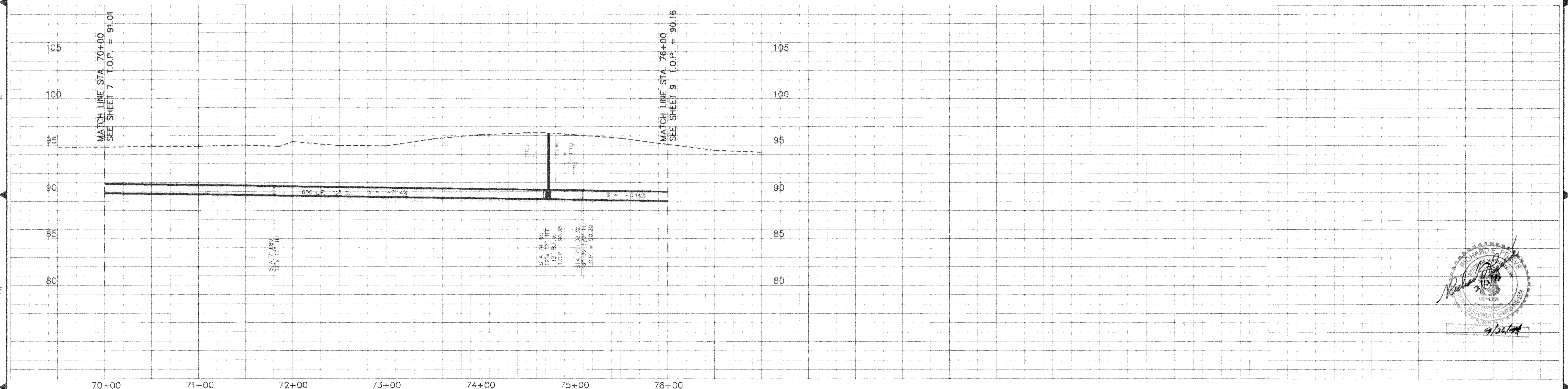
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NOTE: UTILITIES IN AREA
CALL BEFORE YOU DIG!

RECORD DRAWING



WEDEN ENGINEERING, INC.
119 GRAND AVENUE, SUITE D,
BELLINGHAM, WA. 98225 671-8200

ONE INCH AT FULL SCALE
IF NOT ONE INCH
SCALE ACCORDINGLY

DESIGNED BY
C.O.P.
DRAWN BY
T.E.P.
CHECKED BY
J.W.

WHATCOM COUNTY P.U.D.
SMITH ROAD WATER EXTENSION
STA. 70+00 TO STA. 76+00

1076RDBA 01/26/93 10:29

DATE
1/1992
SCALE
V-1"=5'
H-1"=50'
REC. NO.
91076
1076PPBR

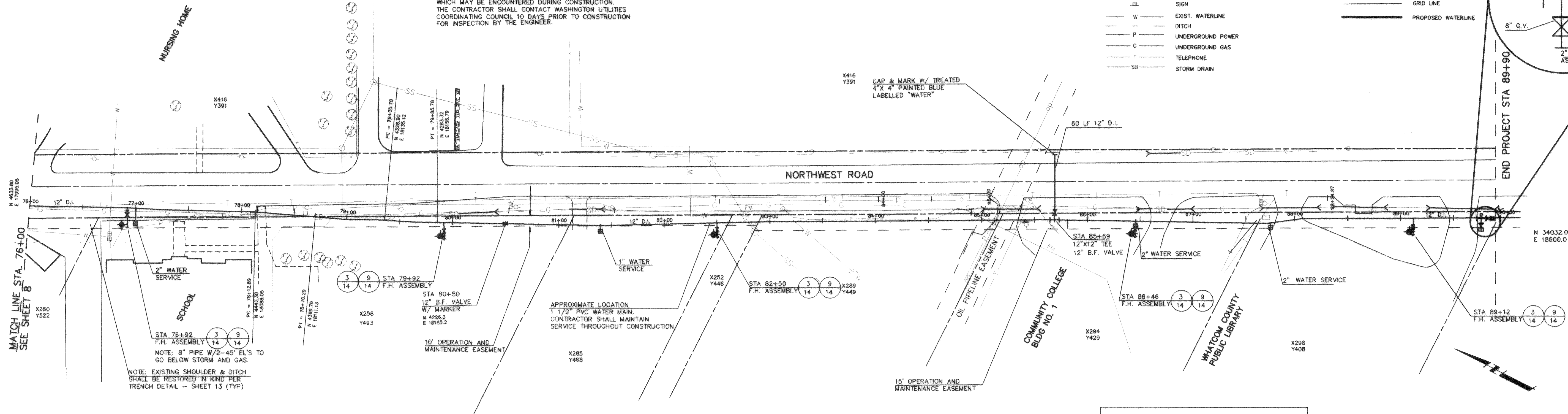
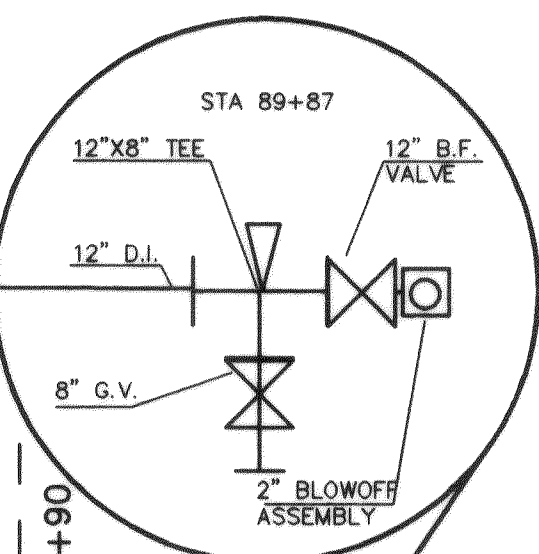
SHEET
8
OF
14

SEC.34, T.39 N., R.2 E.

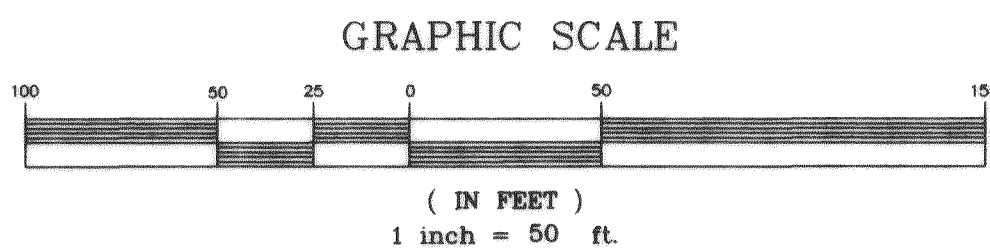
- NOTES:
1. X,Y PARCEL NUMBERS SHOWN ON THIS PLAN ARE FROM THE WHATCOM COUNTY ASSESSOR'S OFFICE. OWNERSHIPS FOR THESE PARCELS ARE ON RECORD WITH THE ABOVE MENTIONED OFFICE.
 2. THE COORDINATES SHOWN ON THIS PLAN ARE BASED ON AN ASSUMED COORDINATE BASE. SEE COORDINATES ASSIGNED TO SECTION CORNERS AND CENTERLINE MONUMENTATION.
 3. ELEVATION DATUM U.S.C. & G.S.
 4. THE LOCATION AND SIZE OF UNDERGROUND UTILITIES ARE APPROXIMATE. THE UNDERGROUND UTILITIES SHOWN ARE NOT INCLUSIVE OF ALL UTILITIES WHICH MAY BE ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR SHALL CONTACT WASHINGTON UTILITIES COORDINATING COUNCIL 10 DAYS PRIOR TO CONSTRUCTION FOR INSPECTION BY THE ENGINEER.

LEGEND

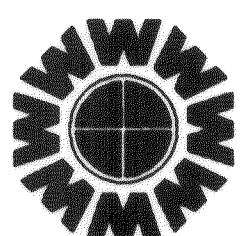
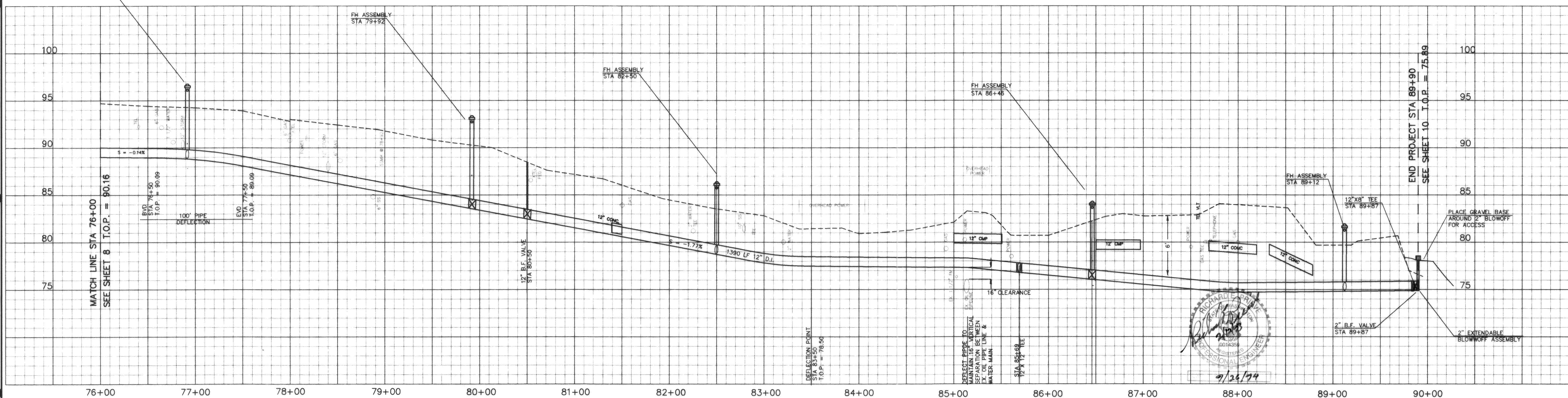
- POWER OR TELEPHONE POLE W/ ANCHOR
- CATCH BASIN
- FIRE HYDRANT ASSEMBLY
- LIGHT
- UTILITY VAULT
- PROPOSED WATER VALVE
- EXIST. WATER VALVE
- THRUST BLOCK
- CULVERT
- SIGN
- W
- P
- G
- T
- SD
- OP
- OT
- EDGE ASPHALT
- ROAD CENTERLINE
- FENCE
- SS
- FM
- RIGHT OF WAY
- PROPERTY LINE
- GRID LINE
- PROPOSED WATERLINE



NOTE: UTILITIES IN AREA
CALL BEFORE YOU DIG!



RECORD DRAWING



WEDEN ENGINEERING, INC.
119 GRAND AVENUE, SUITE D,
BELLINGHAM, WA. 98225 671-8200

ONE INCH AT FULL SCALE
IF NOT ONE INCH
SCALE ACCORDINGLY

DESIGNED BY
C.O.L.
DRAWN BY
T.E.D.
CHECKED BY
J.L.W.

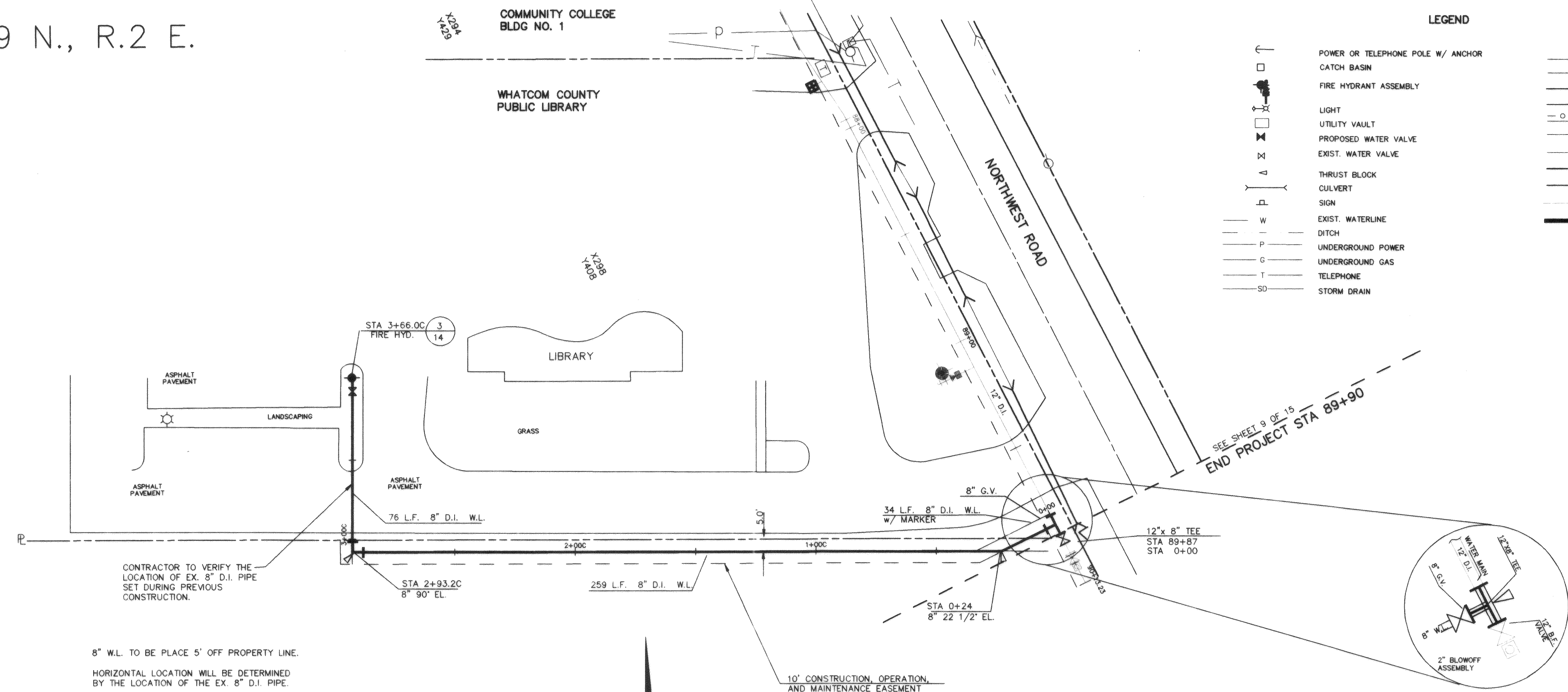
WHATCOM COUNTY P.U.D.
SMITH ROAD WATER EXTENTION
STA. 76+00 TO STA. END

DATE
1/1992
SCALE
V-1"=5'
H-1"=50'
REC. NO.
91076

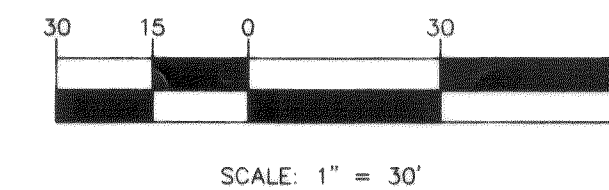
SHEET
9
OF
14

SEC.34, T.39 N., R.2 E.

- NOTES:
1. X,Y PARCEL NUMBERS SHOWN ON THIS PLAN ARE FROM THE WHATCOM COUNTY ASSESSOR'S OFFICE. OWNERSHIPS FOR THESE PARCELS ARE ON RECORD WITH THE ABOVE MENTIONED OFFICE.
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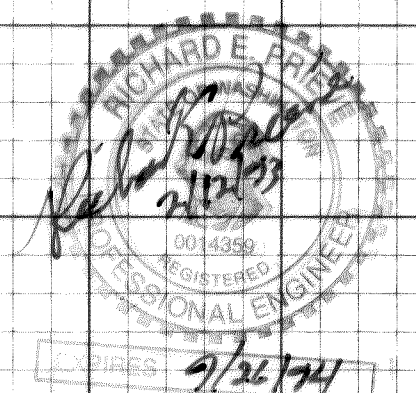
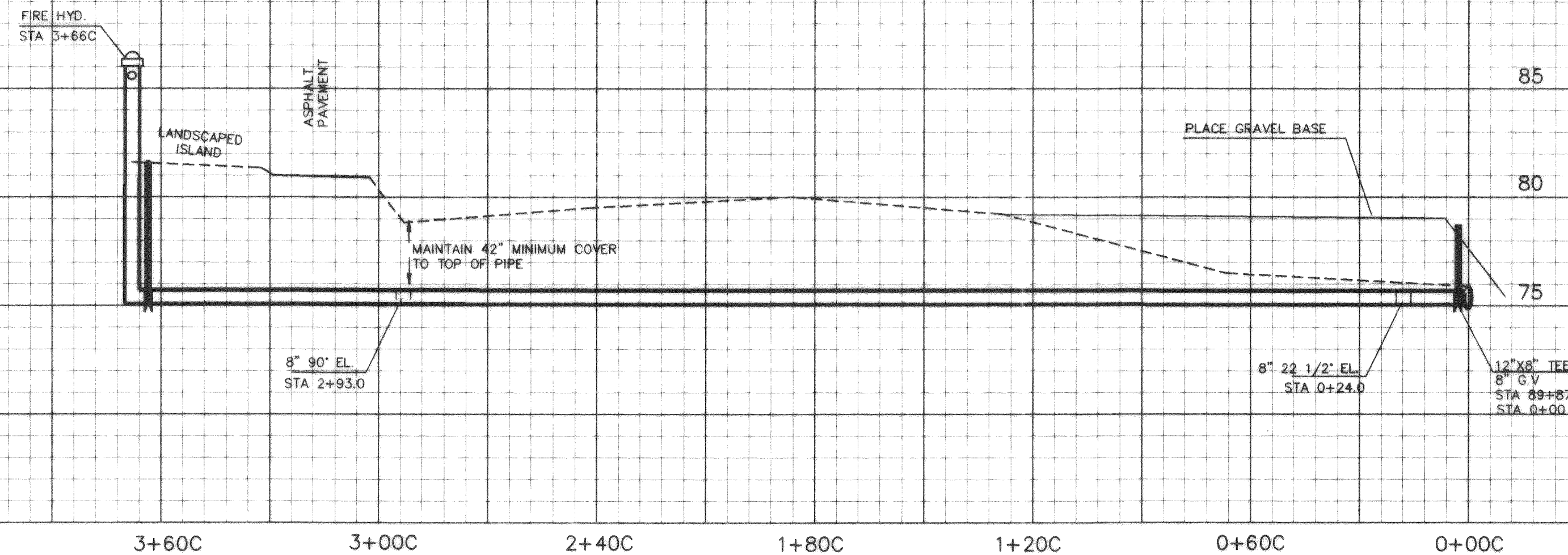


NOTE: UTILITIES IN AREA
CALL BEFORE YOU DIG!

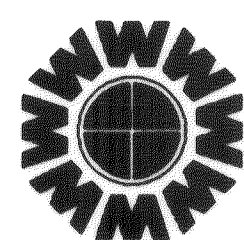


RECORD DRAWING

VERTICAL LOCATION WILL BE DETERMINED
BY THE LOCATION OF THE EX. 8\"/>



1076RD14 12/14/92 11:20



WEDEN ENGINEERING, INC.
119 GRAND AVENUE, SUITE D,
BELLINGHAM, WA. 98225 671-8200

ONE INCH AT FULL SCALE
IF NOT ONE INCH
SCALE ACCORDINGLY

DESIGNED BY
C.O.L.
DRAWN BY
REP
CHECKED BY
J.L.W.

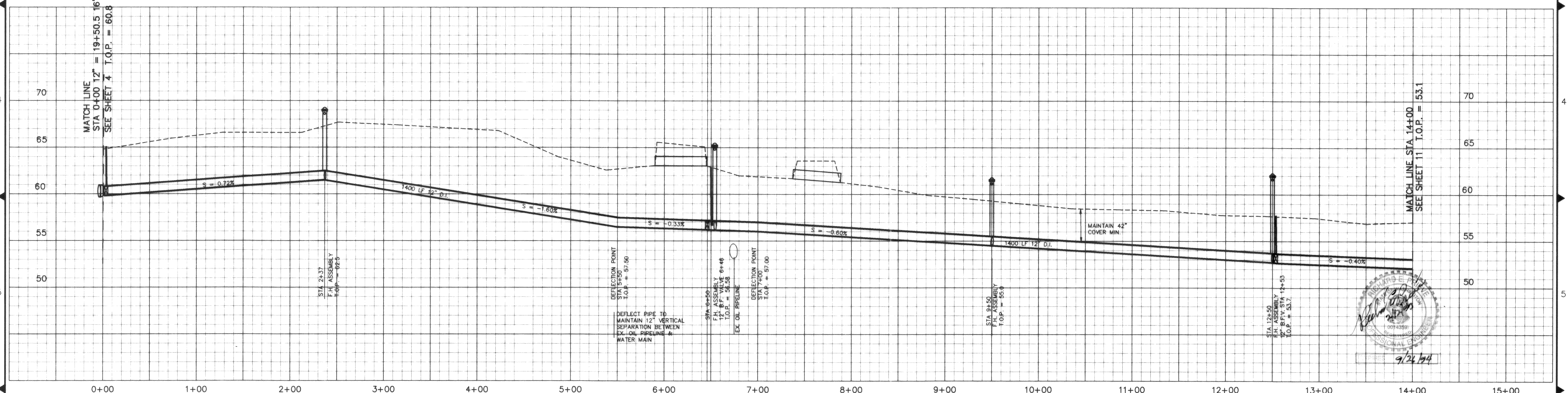
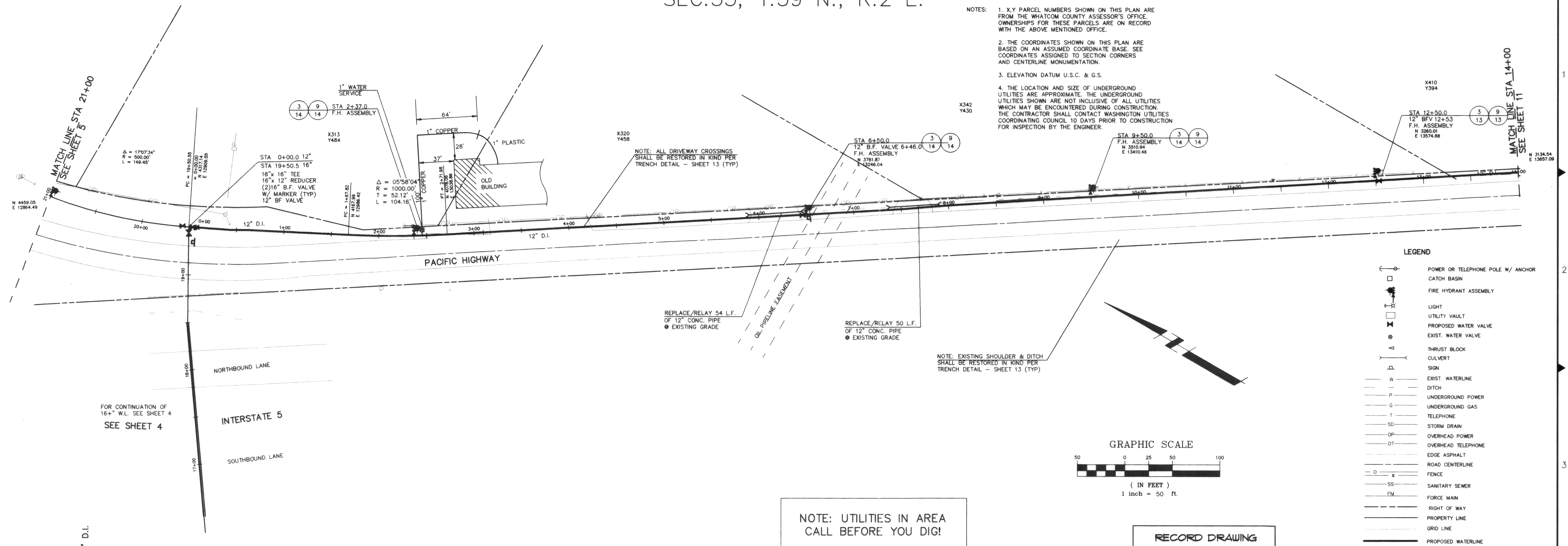
WHATCOM COUNTY P.U.D.
SMITH ROAD WATER EXTENTION
STA. 0+00 TO 3+66.00

DATE
5/1992
SCALE
V-1"=5'
H-1"=30'
REC. NO.
91076
1076PP14

SHEET
9A
OF
14

SEC.33, T.39 N., R.2 E.

- NOTES:
1. X,Y PARCEL NUMBERS SHOWN ON THIS PLAN ARE FROM THE WHATCOM COUNTY ASSESSOR'S OFFICE. OWNERSHIPS FOR THESE PARCELS ARE ON RECORD WITH THE ABOVE MENTIONED OFFICE.
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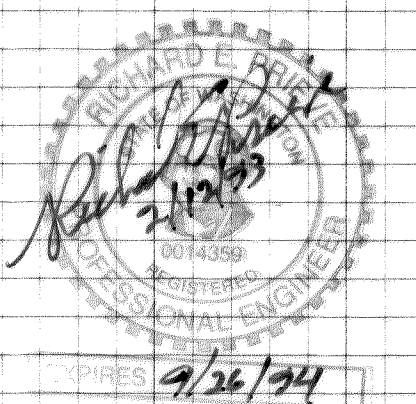
WEDEN ENGINEERING, INC. 119 GRAND AVENUE, SUITE D, BELLINGHAM, WA. 98225 671-8200		ONE INCH AT FULL SCALE IF NOT ONE INCH SCALE ACCORDINGLY	DESIGNED BY C.B.L. DRAWN BY TEP CHECKED BY J.L.W.	WHATCOM COUNTY P.U.D. SMITH ROAD WATER EXTENSION STA. 0+00 TO STA. 14+00	DATE 1/1992 SCALE V-1"=5' H-1"=50' REC. NO. 91076 1076P10	SHEET 10 OF 14
--	--	---	--	---	--	-------------------------

00277.012 2.3.00 KR

MATCH LINE STA 14+00
SEE SHEET 10 T.O.P. = 53.1



RECORD DRAWING



DATE	SHEET
1/1992	11
SCALE	OF
V-1"=5'	
H-1"=50'	
REC. NO.	14
91076	
1076pp11	

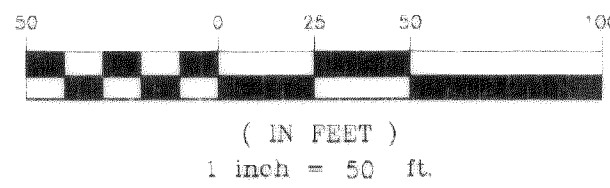
SEC.33, T.39 N., R.2 E.

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LEGEND

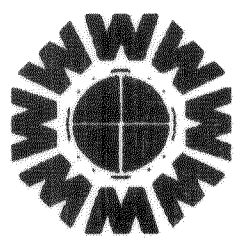
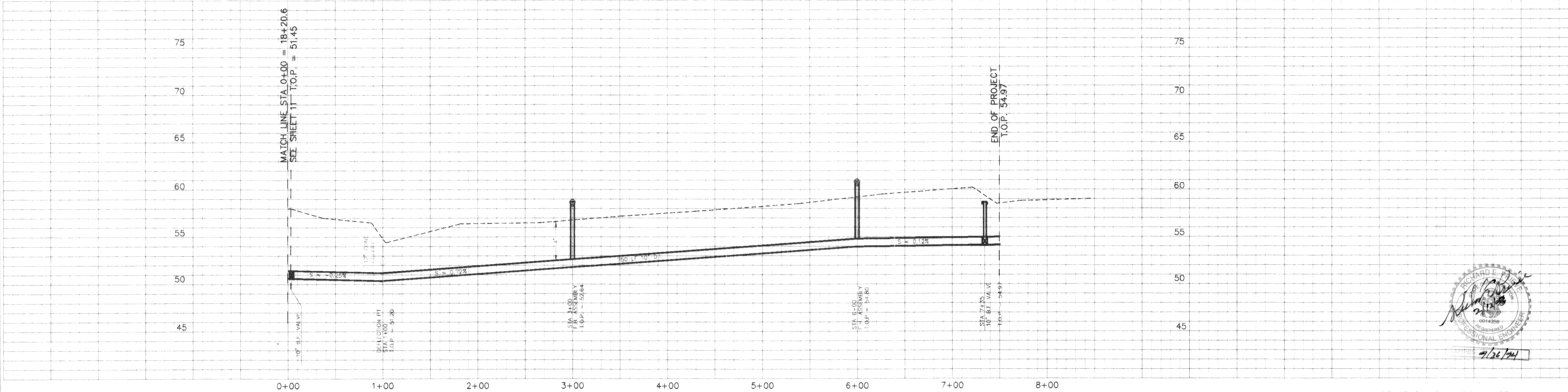
- POWER OR TELEPHONE POLE W/ ANCHOR
- CATCH BASIN
- FIRE HYDRANT ASSEMBLY
- LIGHT
- UTILITY VAULT
- PROPOSED WATER VALVE
- EXIST. WATER VALVE
- THRUST BLOCK
- CULVERT
- SIGN
- EXIST. WATERLINE
- DITCH
- UNDERGROUND POWER
- UNDERGROUND GAS
- TELEPHONE
- STORM DRAIN
- OVERHEAD POWER
- OVERHEAD TELEPHONE
- EDGE ASPHALT
- ROAD CENTERLINE
- FENCE
- SANITARY SEWER
- FORCE MAIN
- RIGHT OF WAY
- PROPERTY LINE
- GRID LINE
- PROPOSED WATERLINE

GRAPHIC SCALE



NOTE: UTILITIES IN AREA CALL BEFORE YOU DIG!

RECORD DRAWING



WEDEN ENGINEERING, INC.
119 GRAND AVENUE, SUITE D,
BELLINGHAM, WA. 98225 671-8200

ONE INCH AT FULL SCALE
IF NOT ONE INCH
SCALE ACCORDINGLY

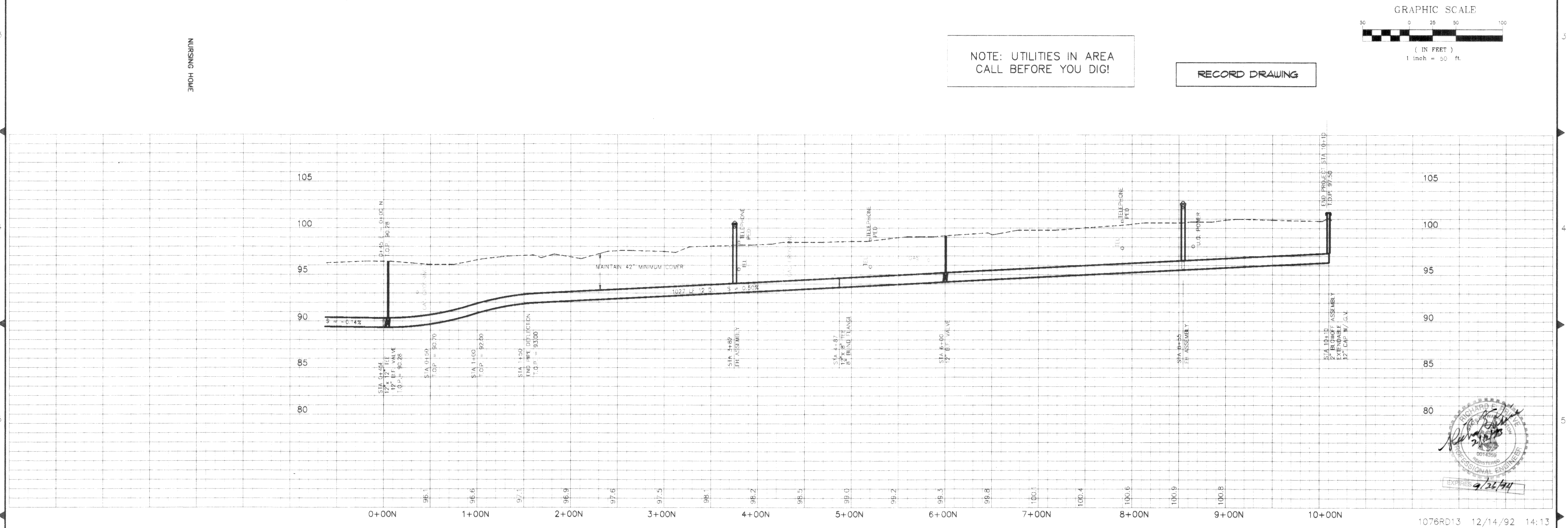
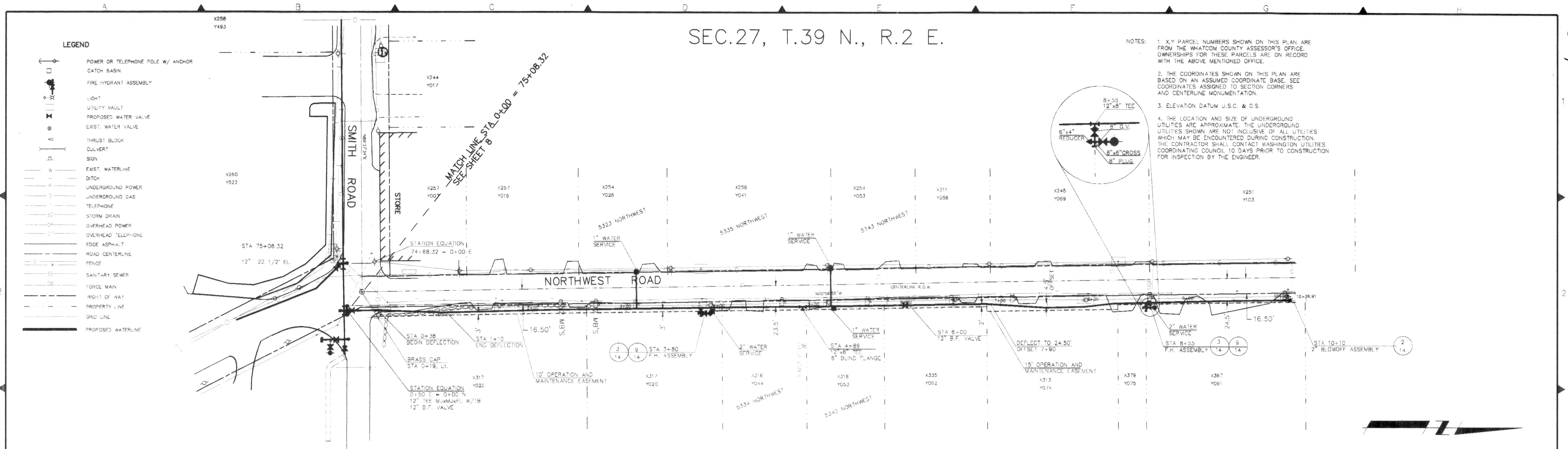
DESIGNED BY
C.O.B.
DRAWN BY
TP
CHECKED BY
J.W.

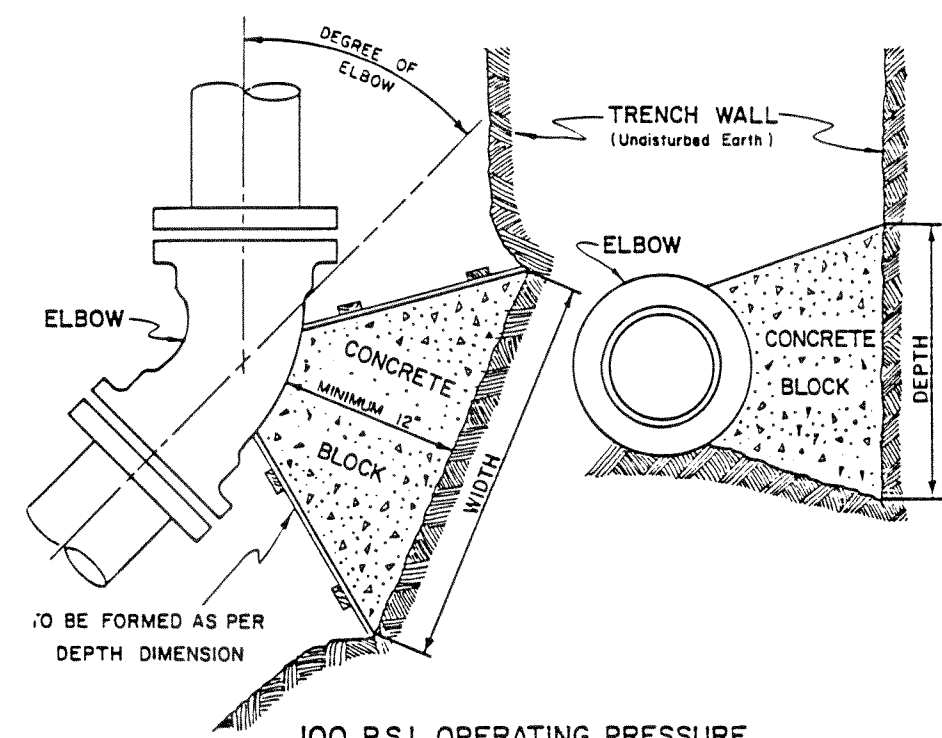
WHATCOM COUNTY P.U.D.
SMITH ROAD WATER EXTENSION
STA. 0+00 TO STA. 14+00

1076RD12 12/14/92 11:58

DATE
1/1992
SCALE
V-1"=5'
H-1"=50'
REC. NO.
91076
1076pp12

SHEET
12
OF
14

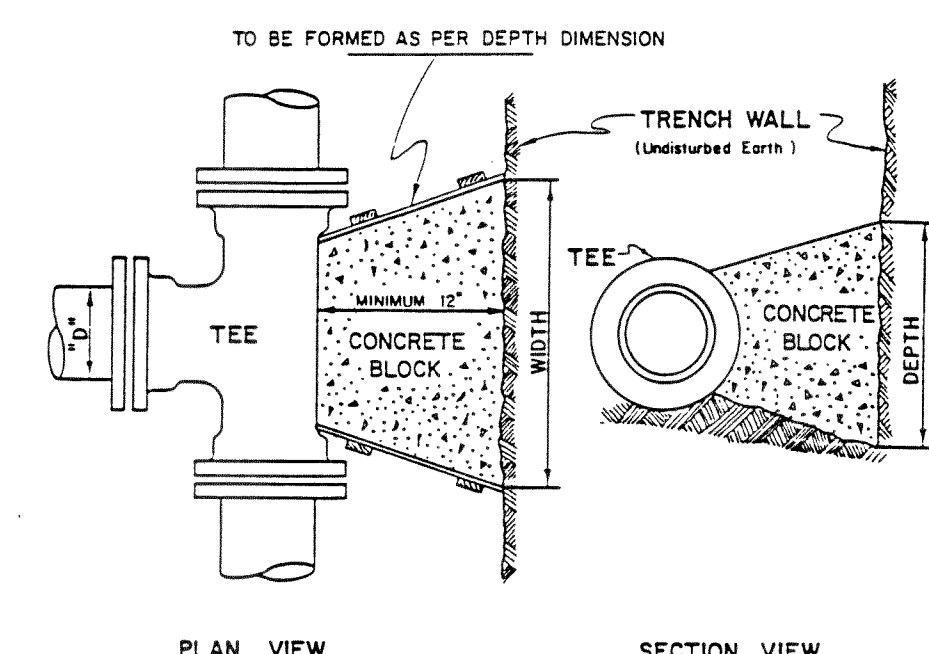




SIZE	11 1/4"	22 1/2"	45"	90"
6"	1'-0"	1'-0"	1'-0"	1'-6"
8"	1'-3"	1'-3"	1'-3"	2'-0"
10"	1'-6"	1'-6"	2'-3"	2'-6"
12"	2'-0"	2'-0"	2'-9"	4'-0"
16"	2'-9"	2'-9"	4'-0"	5'-0"
20"	3'-6"	3'-6"	4'-6"	6'-0"
24"	4'-6"	4'-6"	5'-0"	7'-0"

NOTE: All Above Dimensions Apply To Stable Trench Walls, Under Variable Conditions Size Of Thrust Block Shall Be Determined By The ENGINEER

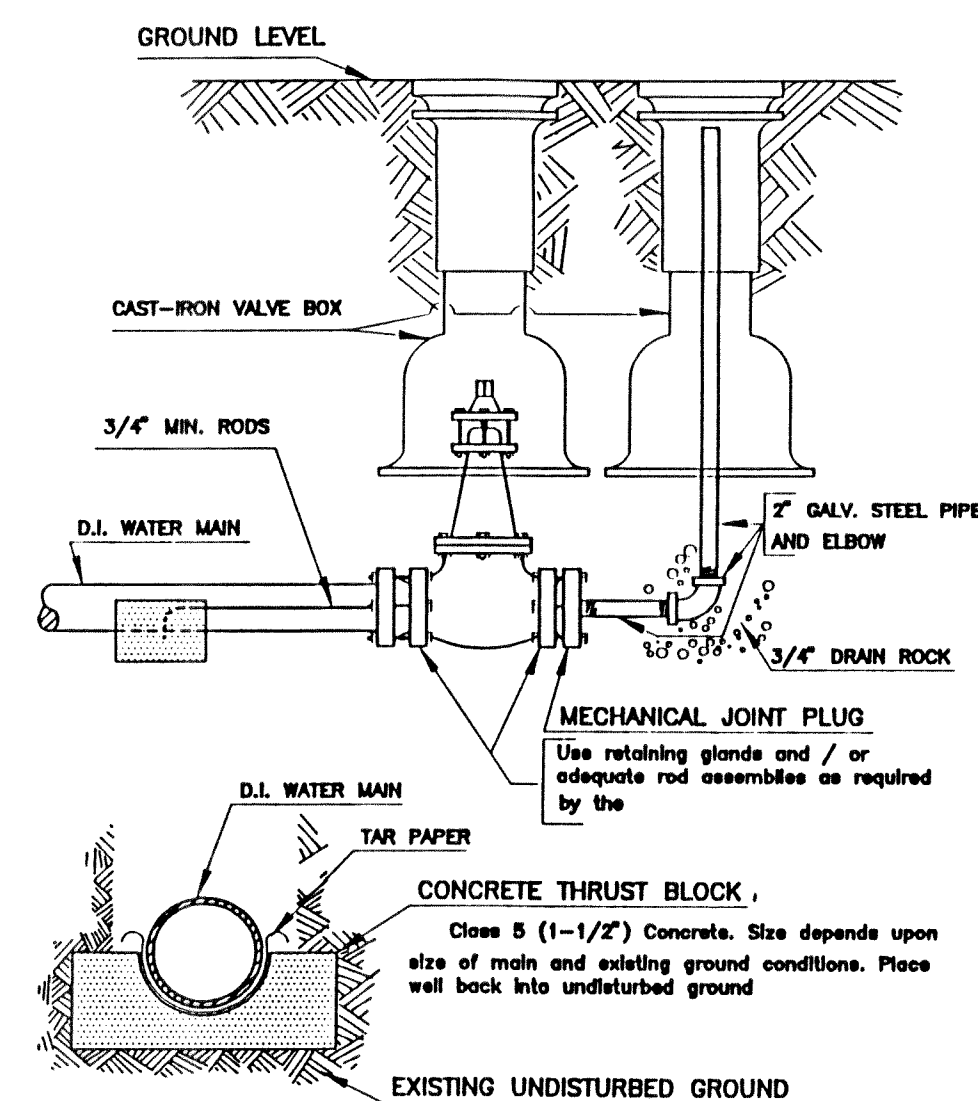
1 THRUST BLOCK DETAIL (TYP.)
NTS



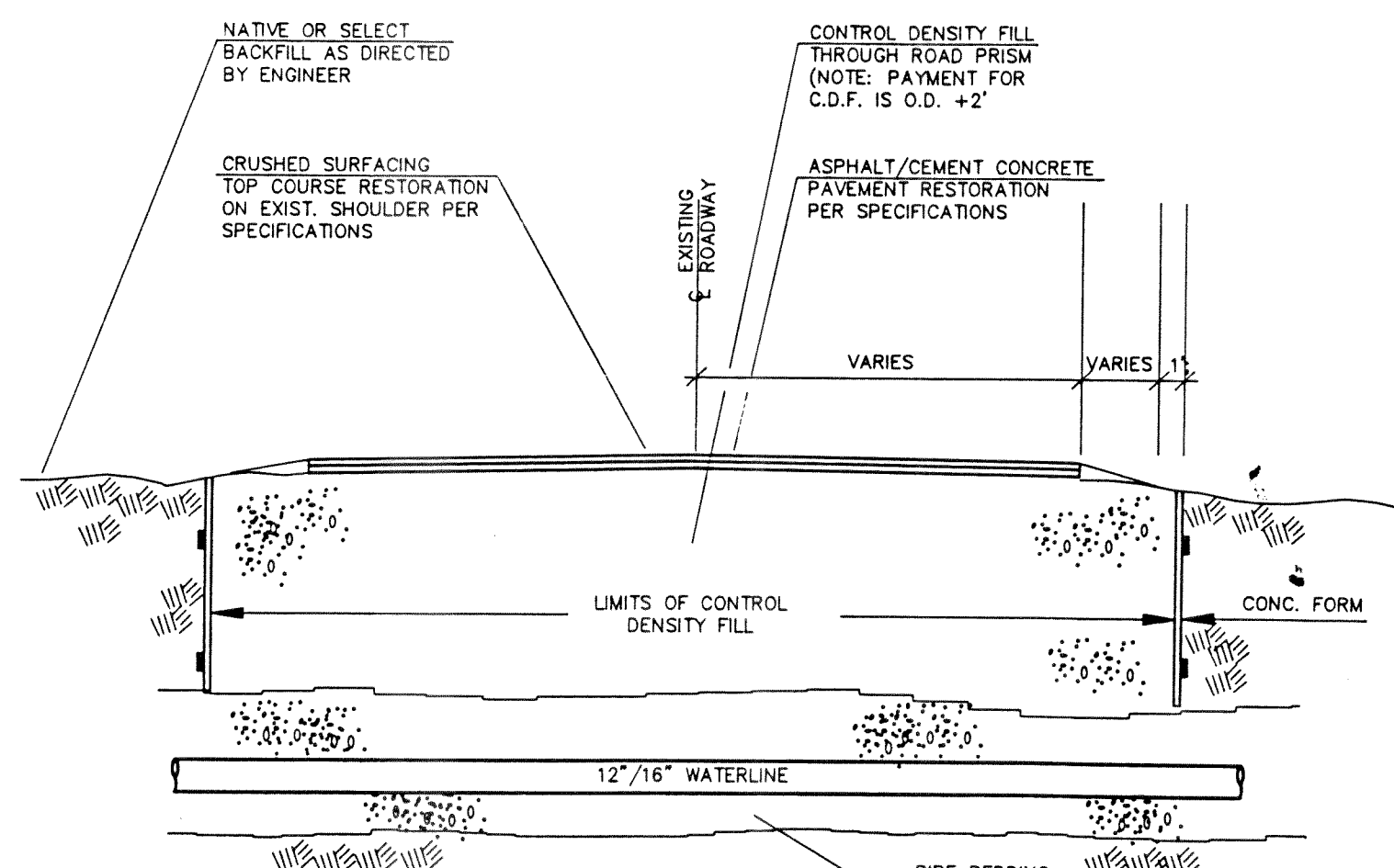
SIZE	WIDTH	DEPTH
6"	1'-6"	1'-6"
8"	2'-0"	2'-0"
10"	2'-6"	2'-6"
12"	3'-0"	3'-0"
16"	4'-6"	4'-6"
20"	6'-0"	6'-0"
24"	7'-0"	7'-0"

NOTE: All Above Dimensions Apply To Stable Trench Walls, Under Variable Conditions Size Of Thrust Block Shall Be Determined By The ENGINEER

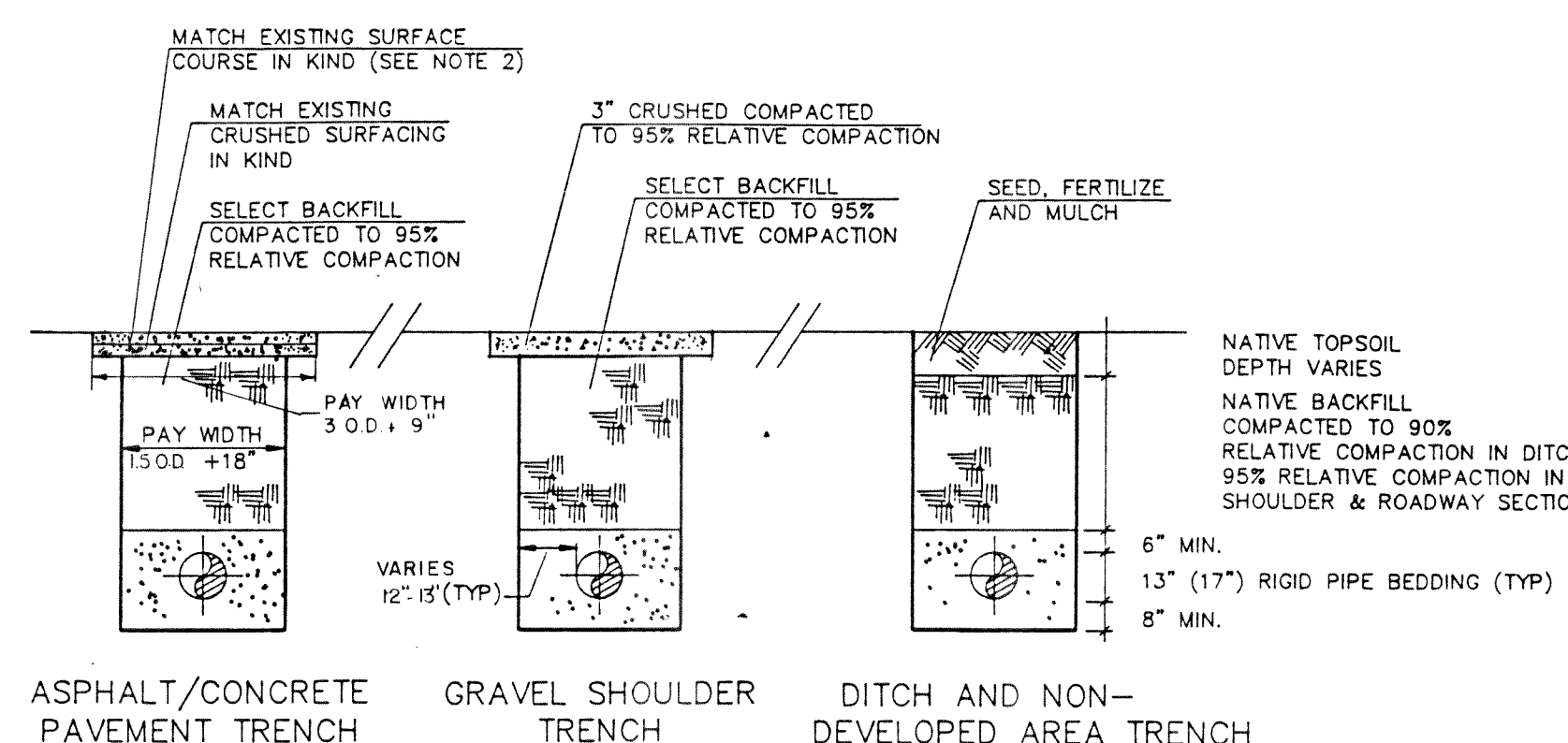
5 THRUST BLOCK DETAIL (TYP.)
NTS



2 2" BLOW-OFF ASSEMBLY
NTS

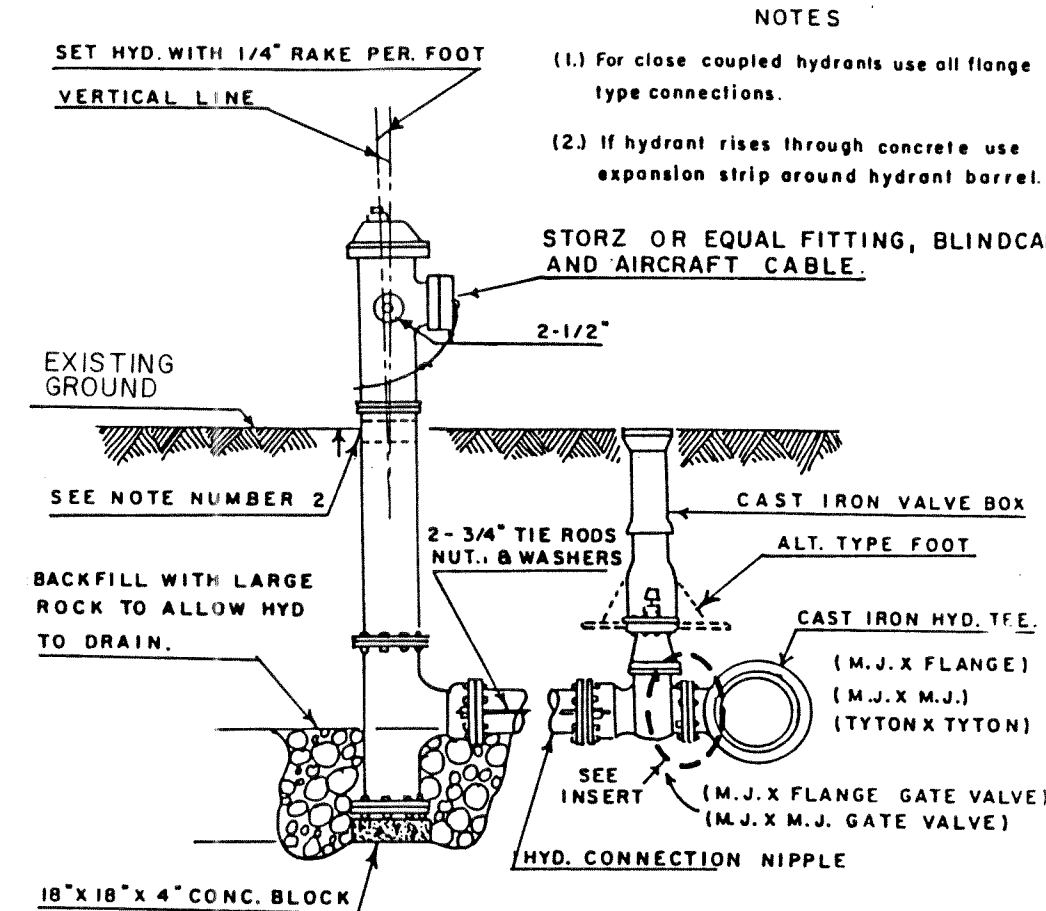


6 WHATCOM COUNTY TYPICAL
ROAD CUT DETAIL
NTS

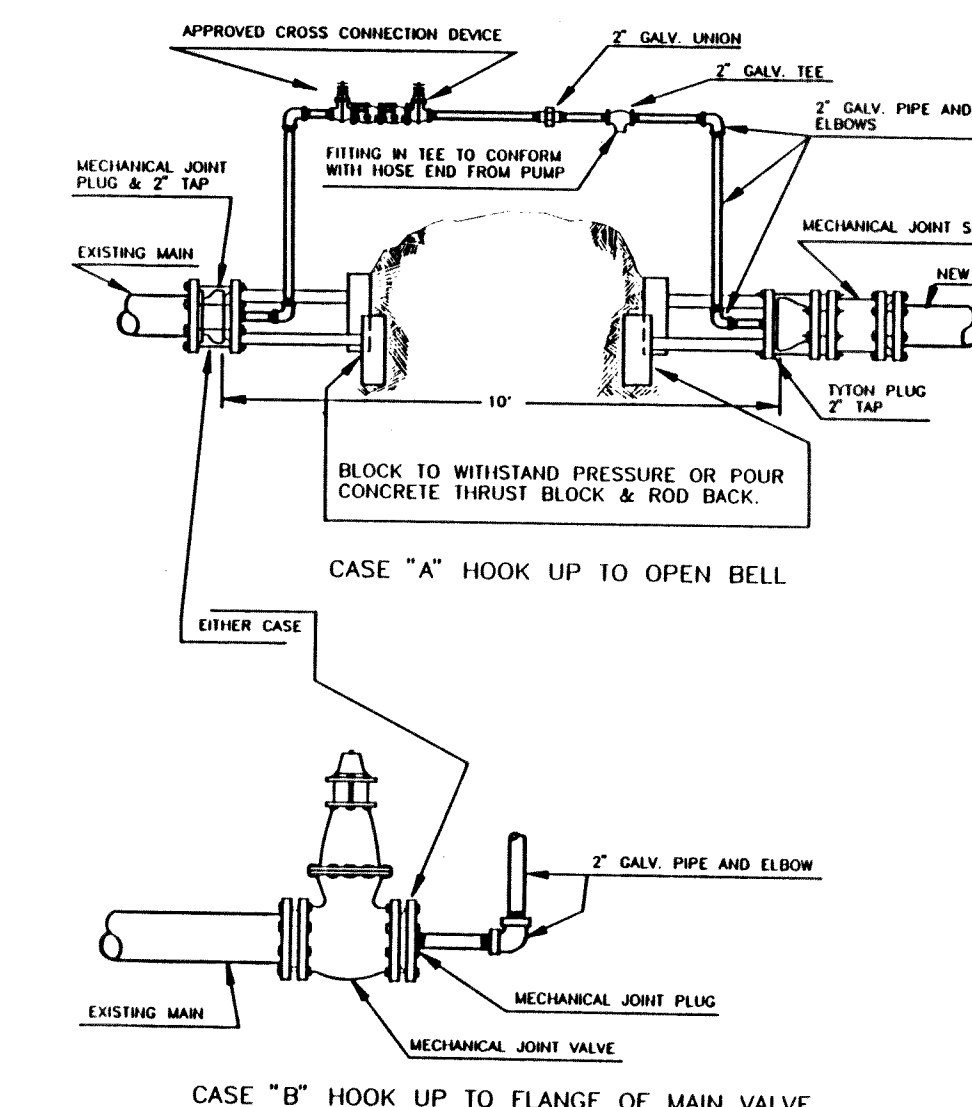


7 TRENCHING DETAIL
N.T.S.

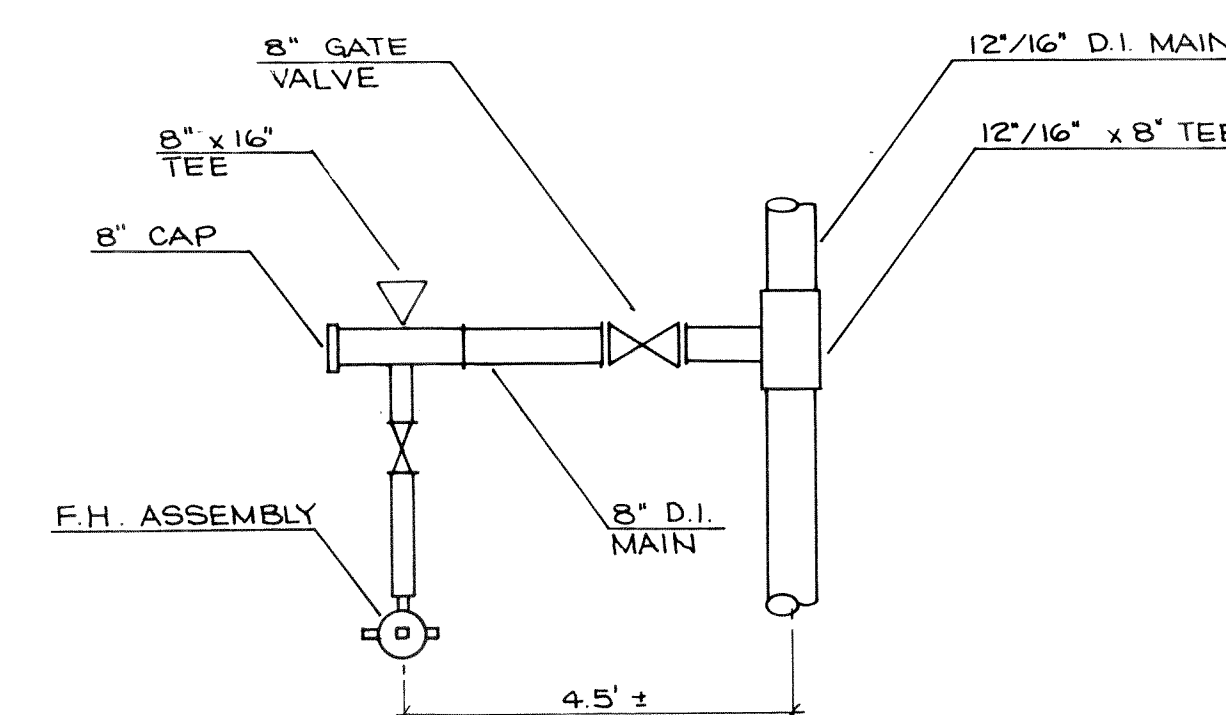
- NOTES: 1. NATIVE BACKFILL SHALL BE COMPACTED TO 90% RELATIVE COMPACTION.
2. SELECT BACKFILL/CRUSHED SURFACE COURSE SHALL BE COMPACTED TO 95% COMPACTION.
3. PAVEMENT SHALL BE SAW CUT, TACKED, AND COMPACTED TO 92% OF ABSOLUTE DENSITY.
4. P.C.C. REPLACEMENT SHALL BE 2" GREATER THAN EXISTING COURSE, 7" MINIMUM, 6.5 P.C.C. (HES - AIR ENTRAINED)
5. ALL TRENCH RESTORATION SHALL MEET EITHER CITY OF FERDALE OR WHATCOM COUNTY STANDARDS.



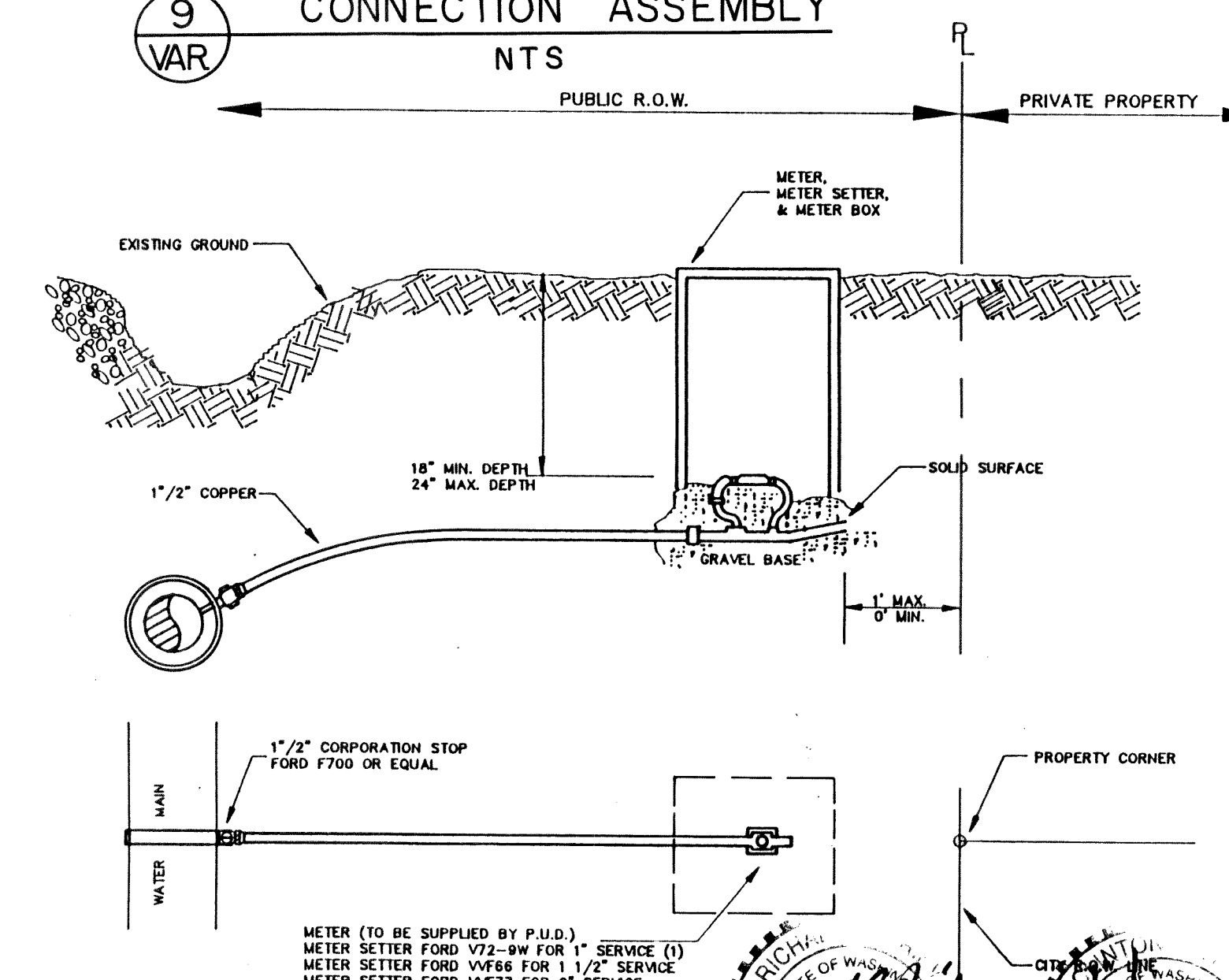
3 FIRE HYDRANT ASSEMBLY
NTS



4 PRESSURE TEST/CHARGE ASSEMBLY
NTS



9 CONNECTION ASSEMBLY
NTS



9 WATER SERVICE (TYP.)
NTS



WEDEN ENGINEERING, INC.
119 GRAND AVENUE, SUITE D,
BELLINGHAM, WA. 98225 671-8200

ONE INCH AT FULL SCALE
IF NOT ONE INCH
SCALE ACCORDINGLY

DESIGNED BY
DRAWN BY
CHECKED BY

WHATCOM COUNTY P.U.D.
SMITH ROAD WATER EXTENSION
DETAILS

1076BDR 01/30/92 07:56

DATE
SCALE
REC. NO.
SHEET
14
OF
14