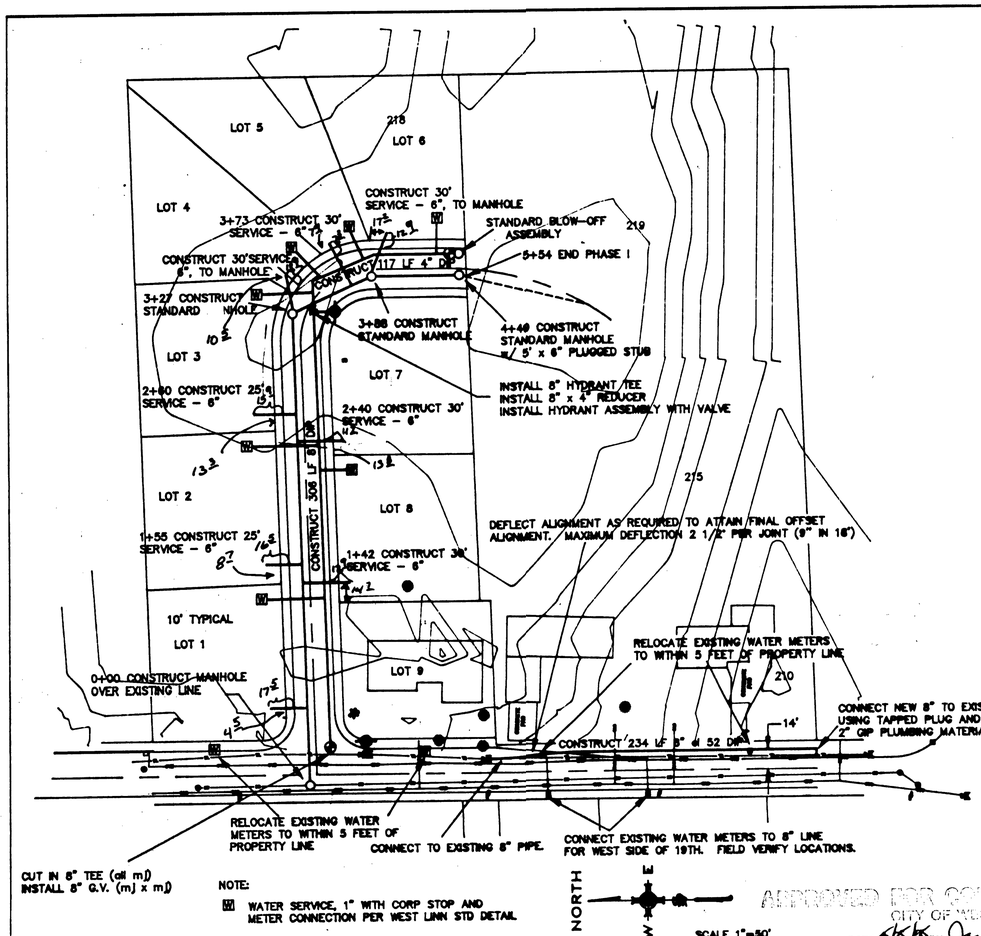
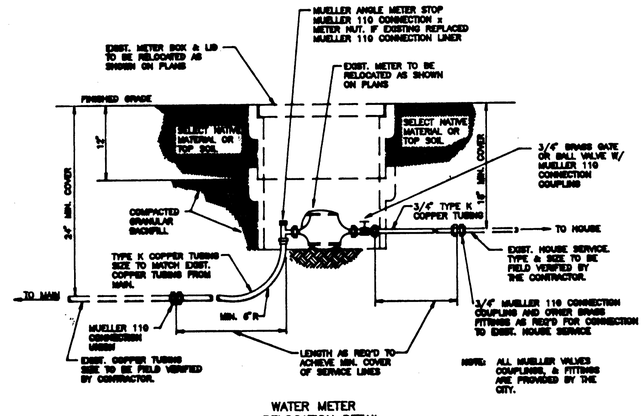


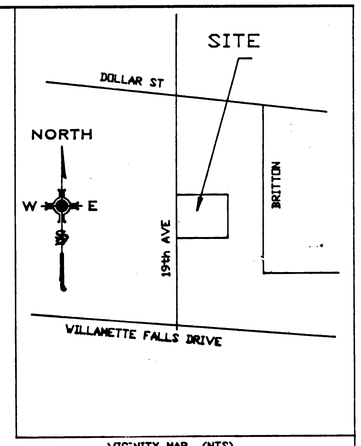
NOTE:

WATER SERVICE, 1" WITH CORP STOP AND METER CONNECTION PER WEST LINN STD DETAIL

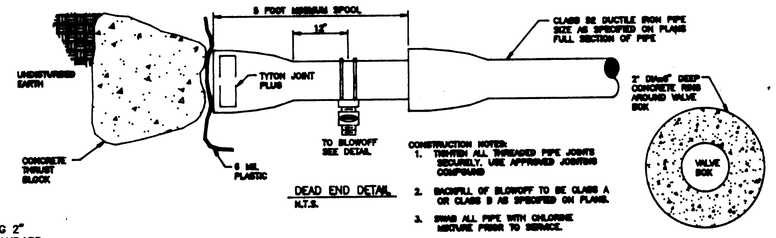
APPROVED FOR CONSTRUCTION
CITY OF WEST LINN
DATE 5/15/95 BY Jon Wing



WATER METER RELOCATION DETAIL
N.T.S.



VICINITY MAP (NTS)



CONSTRUCTION NOTES:
1. THRUSH ALL THREADED PIPE JOINTS SECURELY. USE APPROVED JOINTING COMPOUND
2. BACKFILL OF BLOWOFF TO BE CLASS A OR CLASS B AS SPECIFIED ON PLANS.
3. SWAB ALL PIPE WITH CHLORINE MIXTURE PRIOR TO SERVICE.

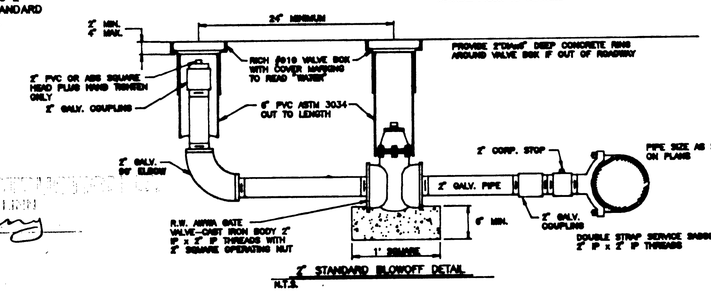
DEAD END DETAIL
N.T.S.

CONSTRUCTION NOTES:

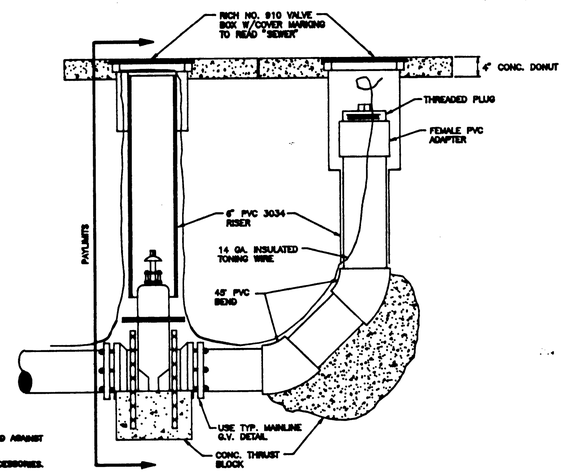
CONTRACTOR RESPONSIBLE FOR VERIFICATION OF LOCATION OF ALL UTILITIES. LOCATIONS SHOWN ARE ADVISORY ONLY.

ALL CONSTRUCTION SHALL COMPLY WITH THE CITY OF WEST LINN (CWL) STREET/UTILITY DESIGN AND CONSTRUCTION STANDARDS MANUAL BY THIS REFERENCE MADE A PART HEREOF.

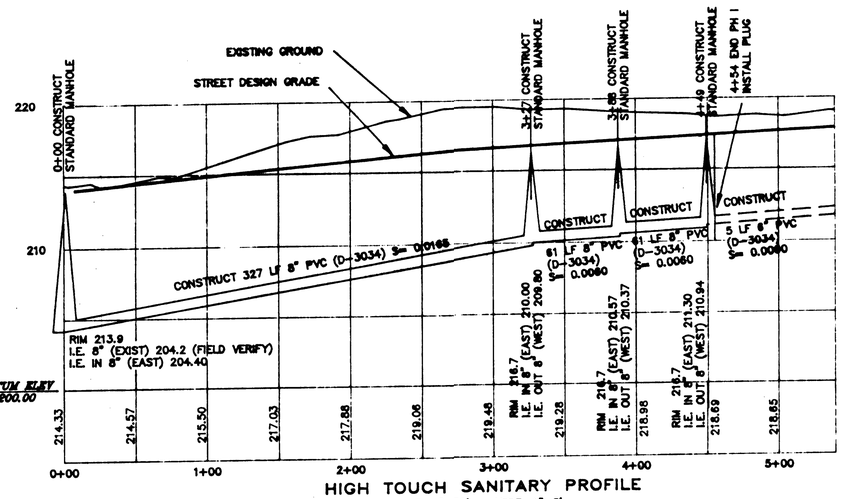
EXCEPT WHERE SHOWN HEREON, CONTRACTOR IS DIRECTED TO CWL STANDARD DETAILS FOR IMPROVEMENTS CALLED HEREIN.



2" STANDARD BLOWOFF DETAIL
N.T.S.

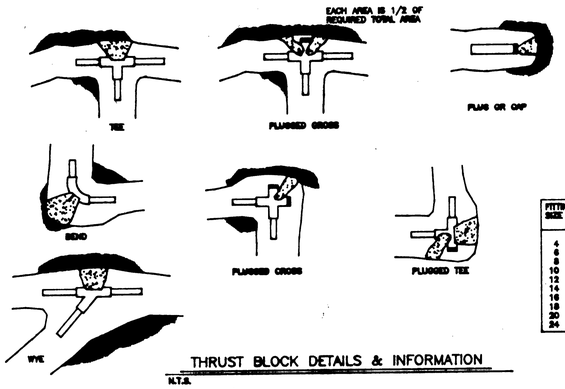


TYPICAL SANITARY CLEANOUT DETAIL
N.T.S. STEP & STEG



HIGH TOUCH SANITARY PROFILE
HORIZ: 1"=50' VERT: 1"=5'

NOTE:
ABOVE BEARING AREAS BASED ON TEST PRESSURE OF 150 p.s.i. AND AN ALLOWABLE SOIL BEARING STRESS OF 2,000 lbs. PER SQUARE FOOT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES AND SOIL BEARING STRESSES, USE THE FOLLOWING EQUATION
BEARING AREA=(TEST PRESSURE/150)x(2000/SOIL BEARING STRESS)x(TABLE VALUE)



THRUST BLOCK DETAILS & INFORMATION
N.T.S.

NOTES:
1. CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
2. KEEP CONCRETE CLEAR OF JOINTS AND ACCESSORIES.
3. THE REQUIRED THRUST BEARING AREAS FOR SPECIAL CONNECTIONS ARE SHOWN ENCIRCLED ON THE PLANS. e.g. 16 REQUIRED 18 SQUARE FEET BEARING AREA REQUIRED.
4. IF NOT SHOWN ON PLANS REQUIRED BEARING AREAS AT FITTING SHALL BE AS INDICATED BELOW, ADJUSTED IF NECESSARY, TO CONFORM TO THE TEST PRESSURE(S) AND ALLOWABLE SOIL BEARING STRESS(ES) STATED IN THE SPECIAL SPECIFICATIONS.
5. BEARING AREAS AND SPECIAL BLOCKING DETAILS SHOWN ON PLANS TAKE PRECEDENCE OVER BEARING AREAS AND BLOCKING DETAILS SHOWN ON THIS STANDARD DETAIL.
6. ALL FITTINGS SHALL BE WRAPPED IN 6 MIL PLASTIC PRIOR TO THRUST BLOCK PLACEMENT. MAKING SURE THE BOLTS AND NUTS ARE PROTECTED.

FITTING SIZE	TEE, WYE, PLUG OR CAP	90° BEND PLUGGED CROSS	TEE PLUGGED ON RUN A1	TEE PLUGGED ON RUN A2	45° BEND	22 1/2° BEND	11 1/2° BEND
4	1.0	1.4	1.0	1.4	1.0	—	—
6	2.1	3.0	4.3	3.0	1.5	1.0	—
8	3.8	5.3	7.6	5.4	2.5	1.5	1.0
10	5.9	8.4	11.8	8.4	4.0	2.4	1.2
12	8.5	12.0	17.0	12.0	5.6	3.4	1.7
14	11.5	16.3	23.0	16.3	6.9	4.0	2.3
16	15.0	21.3	30.0	21.3	11.0	6.0	3.0
18	19.0	27.0	38.0	27.0	14.0	7.8	3.9
20	23.5	33.3	47.0	33.3	18.1	9.4	4.7
24	34.0	48.0	68.0	48.0	26.2	13.8	6.9

REGISTERED PROFESSIONAL ENGINEER 9175 JULY 26, 1977 RUSSELL A. LAMBERT
RENEWS 12-31-96

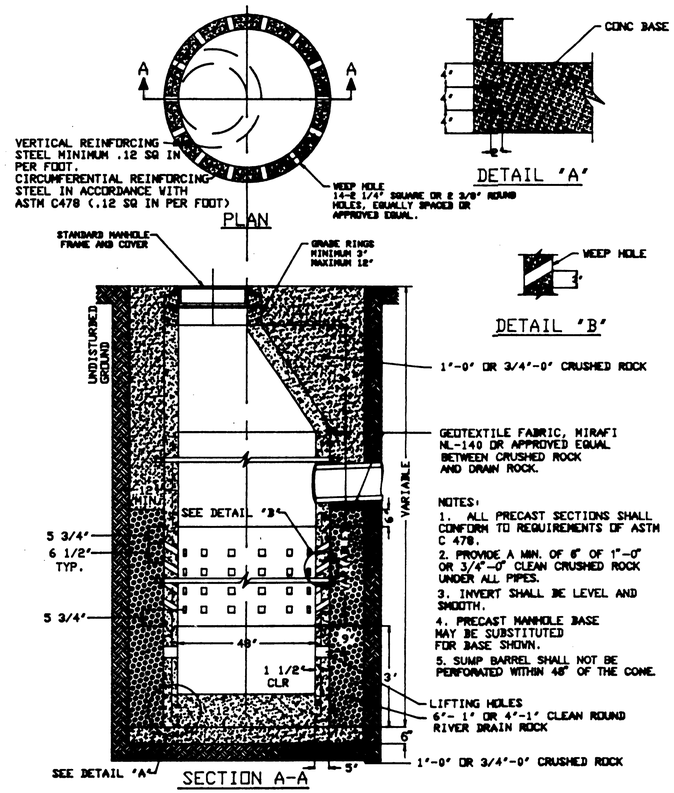
HIGH TOUCH
WATER & SANITARY SEWER IMPROVEMENTS

AS-BUILT 10-31-95
Russell A. Lambert

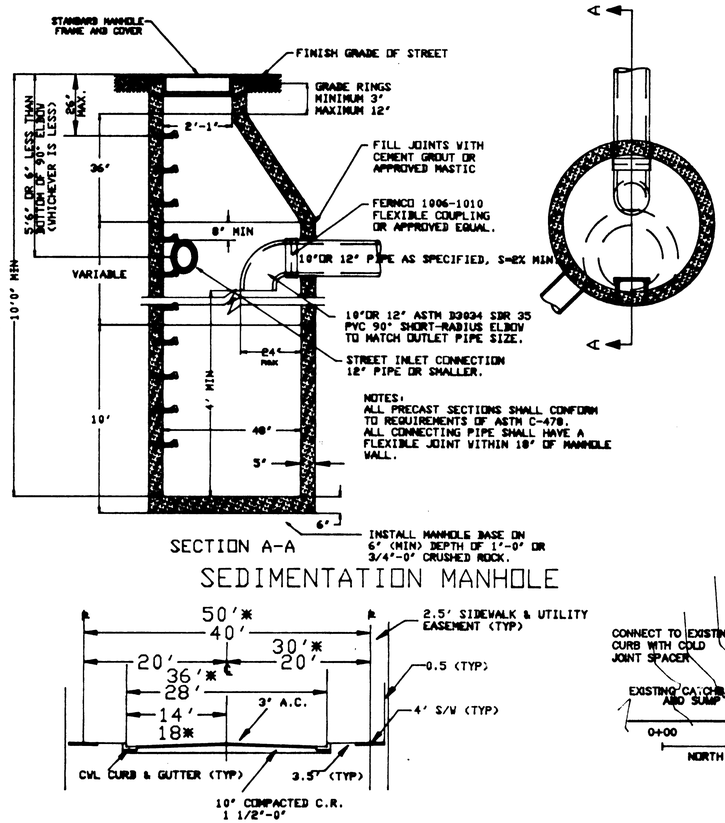
WILLAMETTE LAND SERVICES
19585 S. CREEK RD.
OREGON CITY, OR. 97045
(503) 631-8184

DATE 05/12/95 PAGE 1 OF 2

High Touch '95



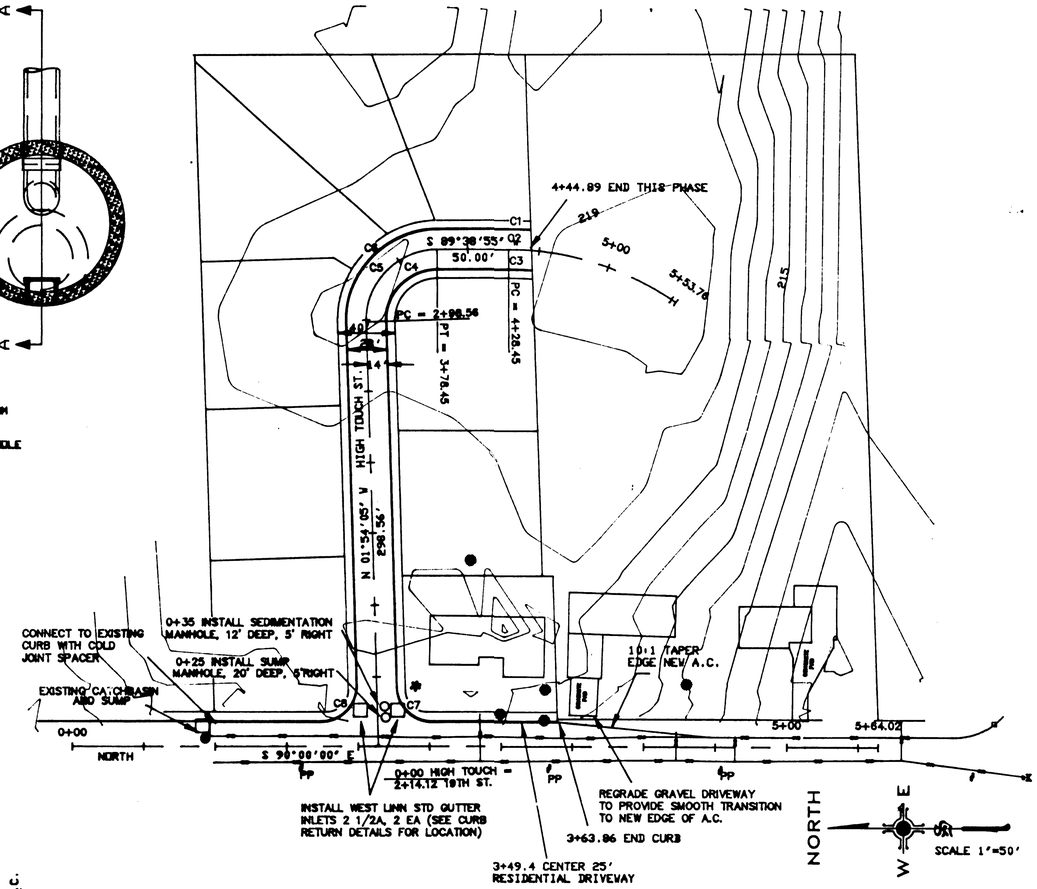
SUMP MANHOLE

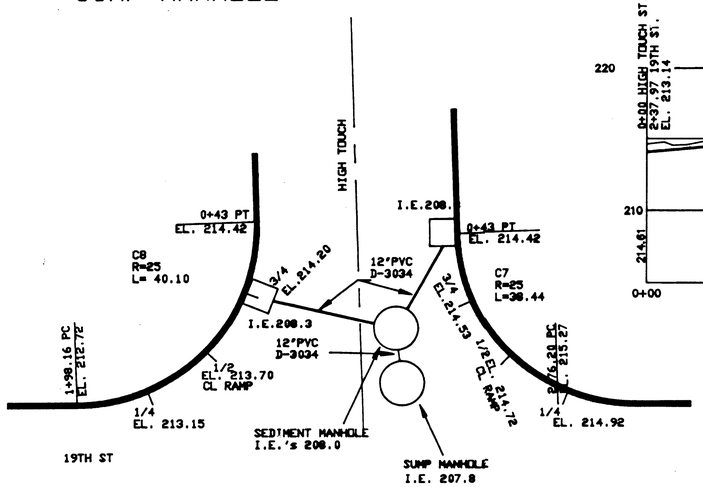


SEDIMENTATION MANHOLE

19TH* & HIGH TOUCH STREET SECTION

19TH IS HALF STREET IMPROVEMENT ONLY

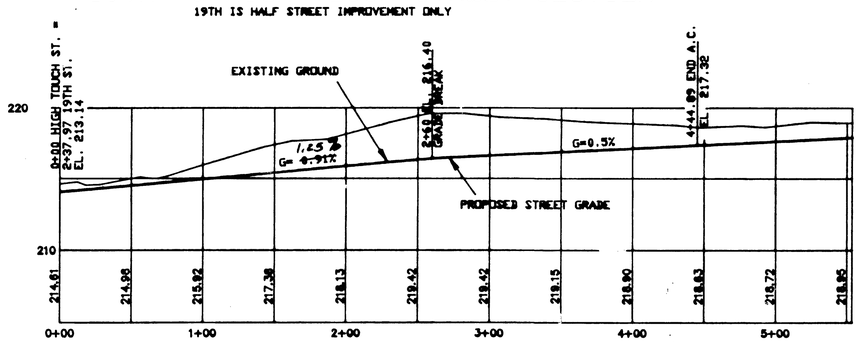




CURB RETURN DETAILS

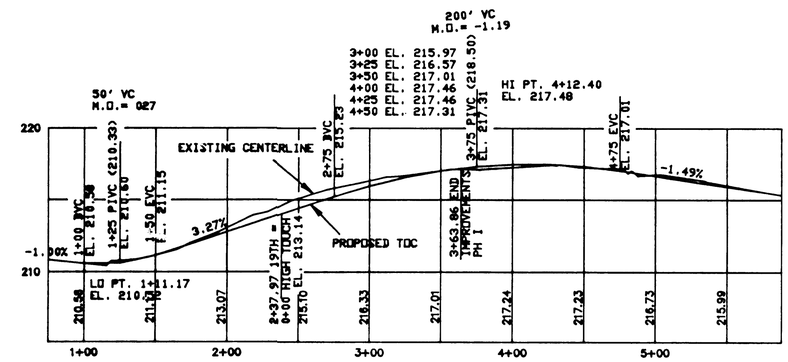
1"=10'

SET INLETS AS SHOWN WITH GRATES 8" BELOW TOP OF CURB



HIGH TOUCH STREET PROFILE

1"=50' HIRIZ 1"=5' VERT.



19TH STREET PROFILE

1"=50' HIRIZ 1"=5' VERT.

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	214.00'	15.73'	7.87'	15.72'	N 88°14'45" W	04°12'39"
C2	200.00'	16.14'	8.08'	16.14'	S 88°02'20" E	04°37'30"
C3	186.00'	16.56'	8.29'	16.56'	N 87°48'02" W	05°06'06"
C4	36.00'	57.52'	36.99'	51.60'	S 43°52'25" W	91°33'00"
C5	50.00'	79.89'	51.37'	71.66'	N 43°52'25" E	91°33'00"
C6	64.00'	102.26'	65.76'	91.73'	S 43°52'25" W	91°33'00"
C7	25.00'	38.44'	24.18'	34.76'	N 45°57'03" W	88°05'55"
C8	25.00'	40.10'	25.84'	35.94'	N 44°02'57" E	91°54'05"

REGISTERED PROFESSIONAL ENGINEER 9175 OREGON JULY 22, 1977 RUSSELL A. LAWRENCE

RENEWS 12-31-1996

HIGH TOUCH
DRAINAGE AND STREET DETAILS

AS BUILT 10-31-95 Russell A. Lawrence

WILLAMETTE LAND SERVICES

19585 S. CREEK RD.
OREGON CITY, OR. 97045
(503) 631-8184

DATE 01/27/95