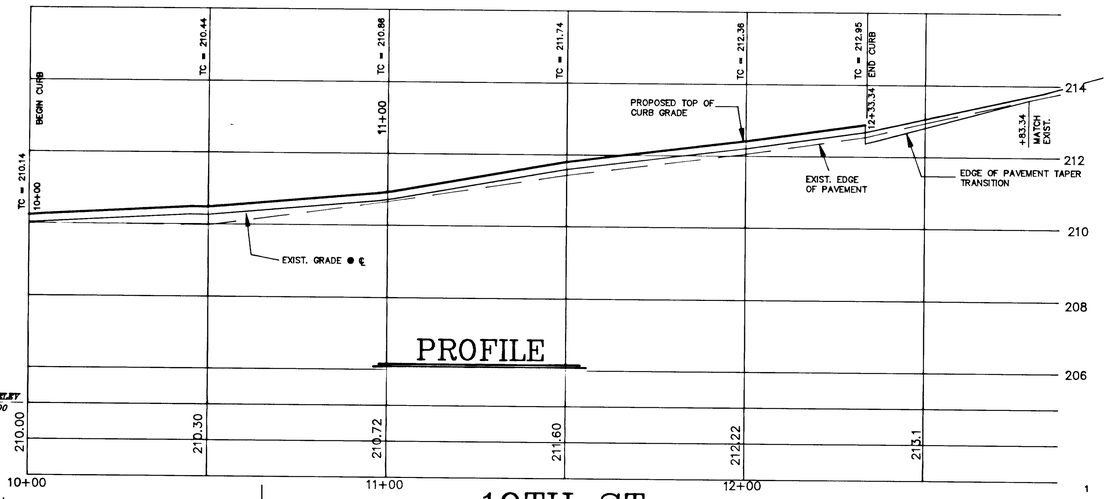
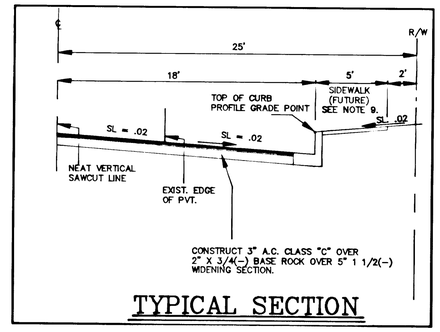
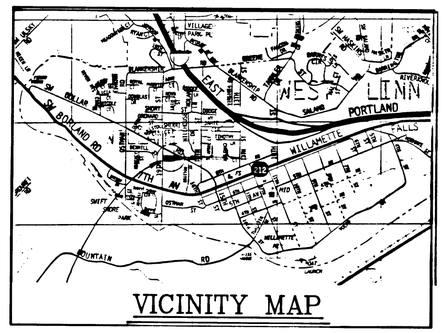


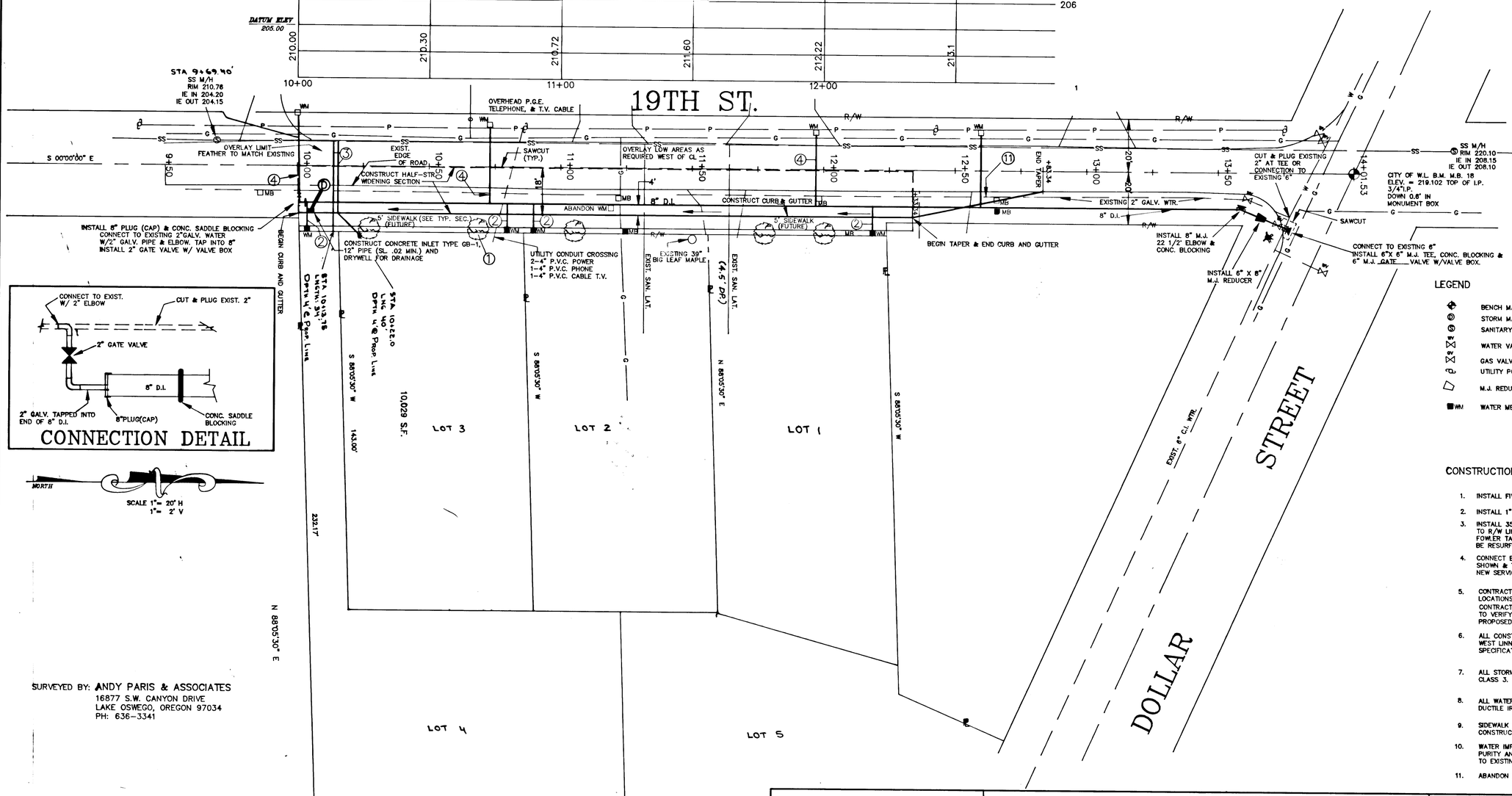
PROFILE



TYPICAL SECTION



VICINITY MAP



CONNECTION DETAIL

NORTH

SCALE 1"= 20' H
1"= 2' V

SURVEYED BY: ANDY PARIS & ASSOCIATES
16877 S.W. CANYON DRIVE
LAKE OSWEGO, OREGON 97034
PH: 636-3341

LEGEND

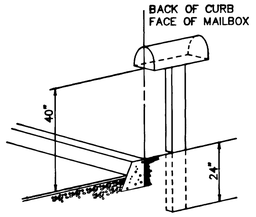
	BENCH MARK		FIRE HYDRANT
	STORM MANHOLE		
	SANITARY MANHOLE	□MB	MAILBOX (EXIST.)
	WATER VALVE	□WM	WATER METER (EXIST.)
	GAS VALVE	R/W	RIGHT-OF-WAY
	UTILITY POLE		PROPERTY LINE (LOT LINE)
	M.J. REDUCER	℄	CENTERLINE
■WM	WATER METER (RELOCATED)	■MB	MAILBOX (RELOCATED)

CONSTRUCTION NOTES:

1. INSTALL FIVE(5) STREET TREES AS SHOWN AT TIME OF HOUSE CONSTRUCTION.
2. INSTALL 1" WATER SERVICE (TYP. OF 4).
3. INSTALL 35 L.F. SANITARY SEWER LATERAL @ S=0.02 (TYP. OF 2) TO R/W LINE AS SHOWN. CONNECT TO EXISTING MAIN WITH FOWLER TAP & SADDLE OR APPROVED EQUAL. ALL TRENCHES SHALL BE RESURFACED. (4' DP. @ PROP. LINE)
4. CONNECT EXISTING WATER SERVICE TO NEW MAIN AS SHOWN & TRANSFER SERVICES (TYP. OF 3). PROVIDE NEW SERVICES. ALL TRENCHES SHALL BE RESURFACED.
5. CONTRACTOR SHALL NOTIFY ALL UTILITIES FOR LOCATIONS PRIOR TO INITIATING CONSTRUCTION. CONTRACTOR SHALL EXPOSE ALL EXISTING UTILITIES TO VERIFY ELEVATIONS PRIOR TO CONNECTION OF PROPOSED LINES.
6. ALL CONSTRUCTION SHALL CONFORM TO CITY OF WEST LINN STANDARD DRAWINGS AND STANDARD SPECIFICATIONS.
7. ALL STORM SEWER PIPE SHALL BE ASTM C-14, CLASS 3.
8. ALL WATER MAIN SHALL BE AWWA CLASS 52 DUCTILE IRON.
9. SIDEWALK TO BE INSTALLED AT TIME OF HOUSE CONSTRUCTION.
10. WATER IMPROVEMENTS SHALL BE TESTED FOR PURITY AND PRESSURE PRIOR TO CONNCECTION TO EXISTING SYSTEM.
11. ABANDON EXISTING 2" GALV. WATER LINE

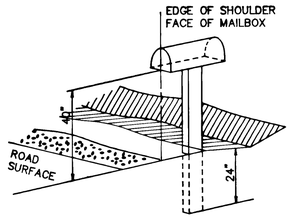
REGISTERED PROFESSIONAL ENGINEER 12,607 OREGON JULY 13, 1984 JOHN M. WALTER
John M. Walter
11/8/91

JMW	IMPROVEMENTS TO 19TH STREET IN WEST LINN FOR TROUTMAN SUBDIVISION (SUB-91-03)			PLAN, PROFILE AND TYPICAL SECTION	
SCALE: 1" = 20' HORIZ. SCALE: 1" = 2' VERT.	DATE: NOVEMBER 1991	DESIGN: JMW	DRAWN: JMW & DH	CITY OF WEST LINN	AS-BUILT	SHEET 1 OF 2



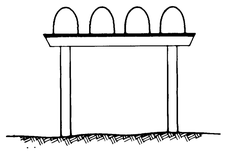
STREETS WITH CURBS

N.T.S.



STREETS WITHOUT CURBS

N.T.S.



GROUP BOXES

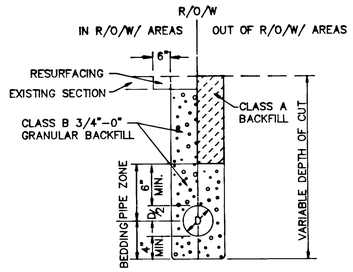
N.T.S.

NOTES:

1. BOX NUMBER AND NAMES SHALL BE NOT LESS THAN ONE INCH HIGH.
2. POSTS MUST BE PRESSURE TREATED AND MINIMUM 4"x4".
3. ALL MAILBOX LOCATIONS AND CLUSTERS MUST CONFORM TO REQUIREMENTS OF THE UNITED STATES POSTAL SERVICE.

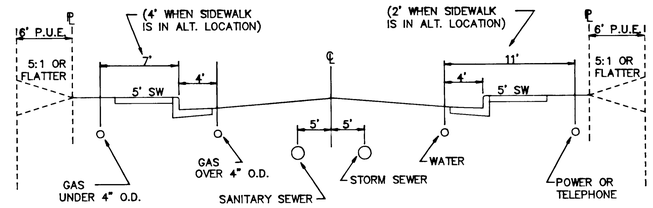
MAILBOX LOCATION

N.T.S.



PIPE BEDDING AND BACKFILL DETAILS

N.T.S.



NOTES:

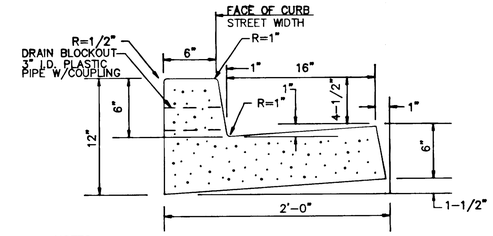
GAS AND SANITARY SEWER ON THE NORTH AND WEST

WATER AND STORM ON THE SOUTH AND EAST

ALL TRENCHES WITHIN RIGHT-OF-WAY SHALL BE BACKFILLED WITH 3/4"-0 AND COMPACTED TO THE SATISFACTION OF THE CITY ENGINEER.

UTILITY LOCATIONS

N.T.S.

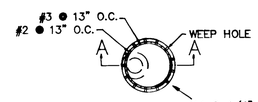


NOTES:

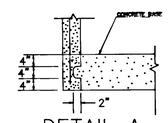
1. WHEN USED ALONG MEDIANS, GUTTERS MAY BE REDUCED WITH PRIOR APPROVAL FROM THE CITY ENGINEER.
2. CONCRETE USED FOR CURB AND GUTTER SHALL MEET A 3,000 P.S.I. COMPRESSION STRENGTH AT 28 DAYS.
3. CONTRACTION JOINTS
   A. TO BE PROVIDED:
   1) AT EACH POINT OF TANGENCY OF THE CURB.
   2) AT EACH COLD JOINT.
   3) AT EACH SIDE OF INLET STRUCTURES.
   4) AT BOTH SIDES OF AN APPROACH.
4. BASE ROCK 1-1/2" MINUS AT 95% COMPACTION ROCK SHALL BE TO SUBGRADE OF STREET STRUCTURE OR 4" IN DEPTH, WHICHEVER IS GREATER.
5. DRAINAGE BLOCK - 3" DIA. PLASTIC PIPE.
   1) CORE DRILLING
   2) VERTICAL SAW-CUT OF CURB 18" EACH SIDE OF DRAIN & REPOURED TO FULL DEPTH OF CURB.

CURB AND GUTTER

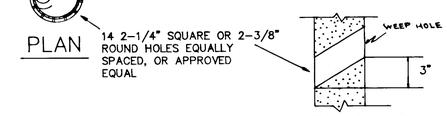
N.T.S.



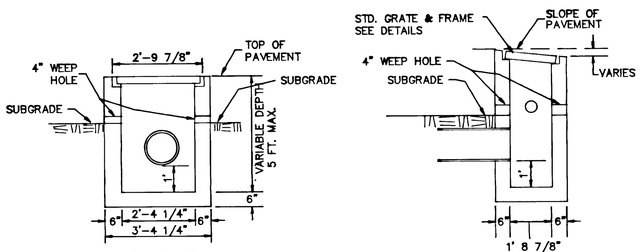
PLAN



DETAIL A



DETAIL B

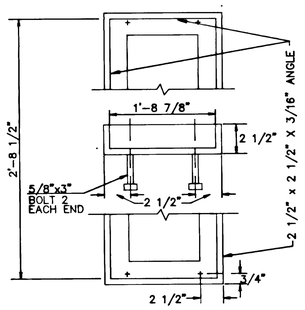


FRONT

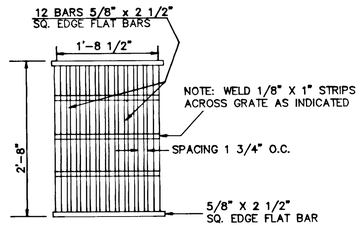
SIDE

NOTES:

1. BACKFILL SHALL BE COMPACTED TO 95% DENSITY THROUGHOUT.
2. ALL PRECAST SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M.-C-478. ALL POURED IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3,000 P.S.I. AND 2" TO 4" SLUMP.



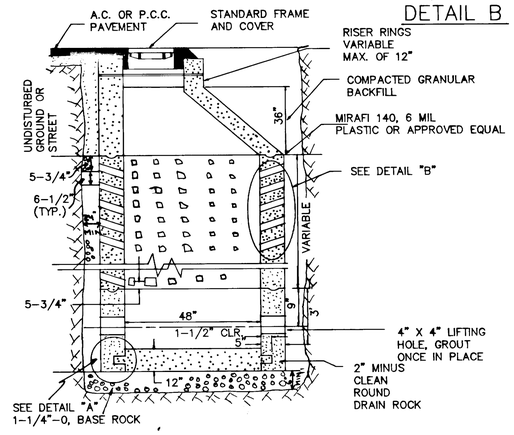
FRAME



GRATE-TYPE 1

CATCHBASIN GRATE & FRAME

N.T.S.

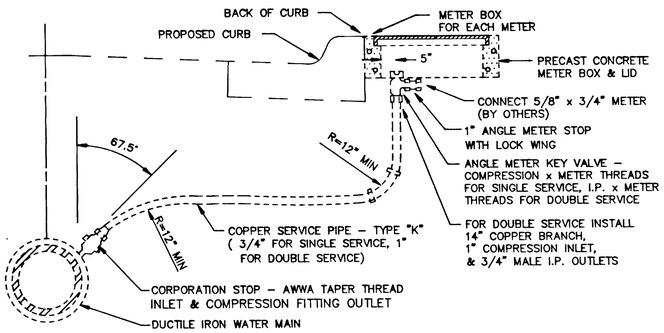


SECTION A-A

PRECAST DRYWELL

NOTES:

1. ALL PRECAST SECTIONS SHALL CONFORM TO REQUIREMENTS OF A.S.T.M. C478.
2. ALL PIPING TO AND FROM PRECAST DRYWELL SHALL HAVE AT LEAST 6" OF 1-1/2" - 0" CLEAN CRUSHED ROCK COVER CONTINUOUSLY AROUND PIPE WHERE DRAIN ROCK WOULD OTHERWISE BE IN CONTACT WITH PIPE.
3. INVERT SHALL BE LEVEL AND SMOOTH.
4. LINE TRENCH WALL BELOW CONE SECTION WITH FILTER FABRIC.



NOTE: IN NEIGHBORHOODS WITHOUT PLANTER STRIPS, INSTALL THE METER BOXES OUT OF THE SIDEWALK AREA.

WATER SERVICE DETAIL

N.T.S.

REGISTERED PROFESSIONAL ENGINEER 12,607 OREGON JULY 13, 1984 JOHN M. WALTER

John M. Walter

11/8/91

JMW	IMPROVEMENTS TO 19TH STREET IN WEST LINN FOR TROUTMAN SUBDIVISION (SUB-91-03)			STANDARD DETAILS	
	DATE: NOVEMBER 1991	DESIGN: JMW	DRAWN: JMW & DH	CITY OF WEST LINN	AS-BUILT	SHEET 2 OF 2