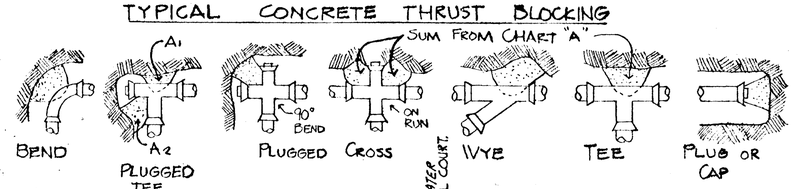
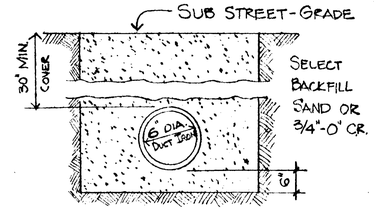
CHART "A"

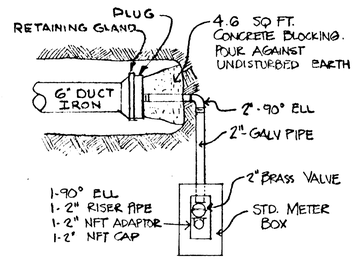
SIZE OF FITTING (PIPE DIA.)	THRUST BLOCKING BEARING AREA (SQ. FT.)						
	TEE, WYE PLUG, CAP	90° BEND PLUG'D X	PLUG'D TEE (ON RUN) A_1	PLUG'D TEE (ON RUN) A_2	45° BEND	22½° BEND	11¼° BEND
4"	1.20	1.70	2.30	1.70	1.20	—	—
6"	2.50	3.60	5.20	3.60	2.00	1.20	—
8"	4.60	6.40	9.10	640	3.50	1.80	1.20
10"	7.00	10.00	14.20	10.00	5.50	2.90	1.40

TYPICAL CONCRETE THRUST BLOCKING





WATER PIPE UNDER STREET

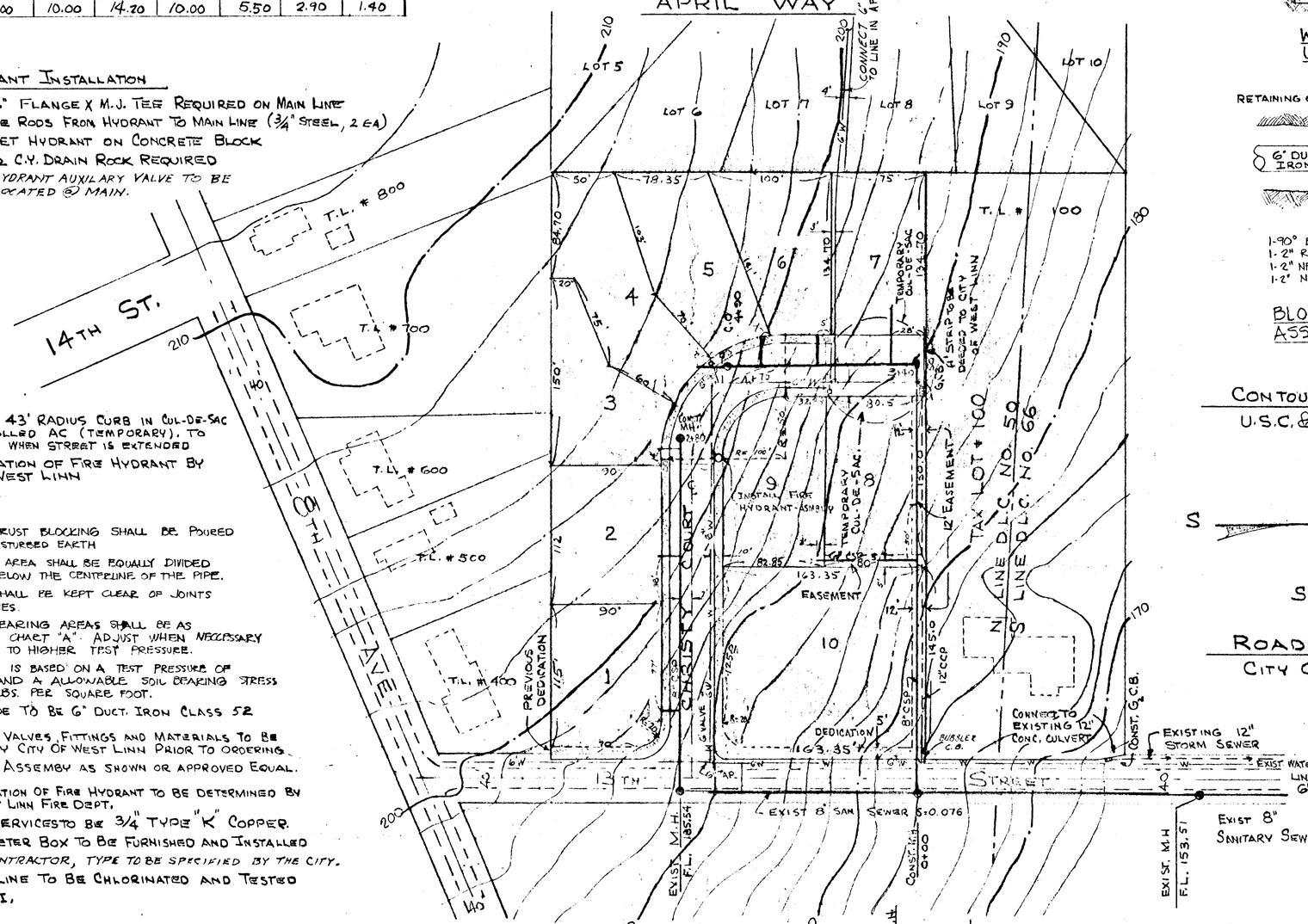


BLOW OFF ASSEMBLY (NOT REQUIRED)

NOTE

HYDRANT INSTALLATION

(A) 6" FLANGE X M.J. TEE REQUIRED ON MAIN LINE
(B) TIE RODS FROM HYDRANT TO MAIN LINE (3/4" STEEL, 2 EA)
(C) SET HYDRANT ON CONCRETE BLOCK
(D) 1/2 C.Y. DRAIN ROCK REQUIRED
(E) HYDRANT AUXILARY VALVE TO BE LOCATED @ MAIN.



NOTE

CONSTRUCT 43' RADIUS CURB IN CUL-DE-SAC WITH 6" ROLLED AC (TEMPORARY). TO BE REMOVED WHEN STREET IS EXTENDED

FINAL LOCATION OF FIRE HYDRANT BY CITY OF WEST LINN

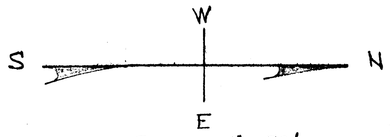
NOTES

1. CONCRETE THRUST BLOCKING SHALL BE POURED AGAINST UNDISTURBED EARTH
2. THE BEARING AREA SHALL BE EQUALLY DIVIDED ABOVE AND BELOW THE CENTERLINE OF THE PIPE.
3. CONCRETE SHALL BE KEPT CLEAR OF JOINTS AND ACCESSORIES.
4. REQUIRED BEARING AREAS SHALL BE AS INDICATED ON CHART "A". ADJUST WHEN NECESSARY TO CONFORM TO HIGHER TEST PRESSURE.
5. CHART "A" IS BASED ON A TEST PRESSURE OF 150 PSI. AND A ALLOWABLE SOIL BEARING STRESS OF 2000 LBS. PER SQUARE FOOT.
6. WATER PIPE TO BE 6" DUCT IRON CLASS 52
7. ALL PIPE, VALVES, FITTINGS AND MATERIALS TO BE APPROVED BY CITY OF WEST LINN PRIOR TO ORDERING.
8. BLOW-OFF ASSEMBLY AS SHOWN OR APPROVED EQUAL.
9. FINAL LOCATION OF FIRE HYDRANT TO BE DETERMINED BY CITY OF WEST LINN FIRE DEPT.
10. WATER SERVICES TO BE 3/4" TYPE "K" COPPER.
11. WATER METER BOX TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR, TYPE TO BE SPECIFIED BY THE CITY.
12. WATER LINE TO BE CHLORINATED AND TESTED @ 150 P.S.I.

TAX LOT # 200 =	65,338 SQ FT =	1.5 AC	3.25 AC.
TAX LOT # 300 =	76,235 SQ FT =	1.75 AC	
TOTAL =	141,573 SQ FT		
LOT # 1 =	10,022 SQ FT		
LOT # 2 =	10,071 " "		
LOT # 3 =	10,215 " "		
LOT # 4 =	11,915 " "		
LOT # 5 =	16,483 " "		
LOT # 6 =	10,007 " "		
LOT # 7 =	10,160 " "		
LOT # 8 =	10,042 " "		
LOT # 9 =	10,088 " "		
LOT # 10 =	24,012 " "		
STREET =	23,500 SQ FT.		
5'-DEDI =	1,267 SQ FT.		
=	141,573 SQ FT.		

CONTOUR DATA

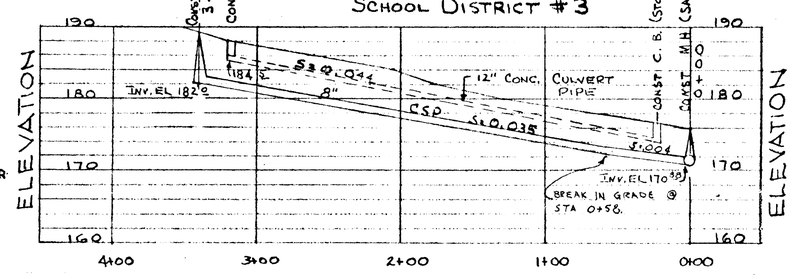
U.S.C. & G.S. DATUM



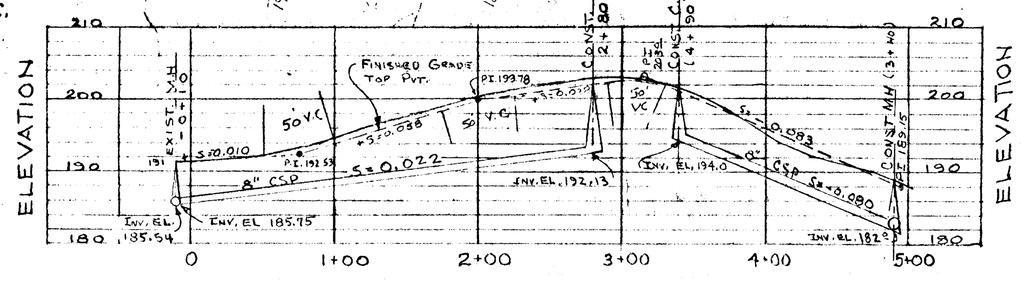
SCALE: 1" = 50'

ROAD STANDARDS

CITY OF WEST LINN



12 FOOT EASEMENT PROFILE ALONG NORTH LINE



CHRISTY COURT ℄ PROFILE

OWN

TAX LOT 200
ALVIN C AND GELA J PETER
1840 - SW - 8TH
WEST LINN, ORE. 97068

TAX LOT 300
DONALD P AND JOAN C SIMENSON
1722 - SW - 8TH AVE
WEST LINN, ORE. 97068

DEVELOPERS

ED. HANDRIS
DON DAVIS
GLENN DAVIS
LARRY DOERRIE
2008 - S.W. - 7TH AVE
WEST LINN, ORE. 97068
PHONE 657-1094

ENGINEER

THOMAS D TELFORD
P.O. BOX 16596
PORTLAND, OREGON - 97216
PHONE 761-0700

PROPOSED LAND USE

R-10 (10,000 SQ FT LOTS MIN.) (EXIST ZONING)

SANITARY SEWER

CITY OF WEST LINN
WILLAMETTE SEWER DISPOSAL PLANT

WATER

CITY OF WEST LINN

ELECTRICITY

P.G.E. Co.

GAS

NORTHWEST GAS Co.

TELEPHONE

PACIFIC NORTHWEST BELL

FIRE PROTECTION

CITY OF WEST LINN

SCHOOL DISTRICT

SCHOOL DISTRICT #3

"CHRISTY ADDITION" DRAWINGS OF RECORD

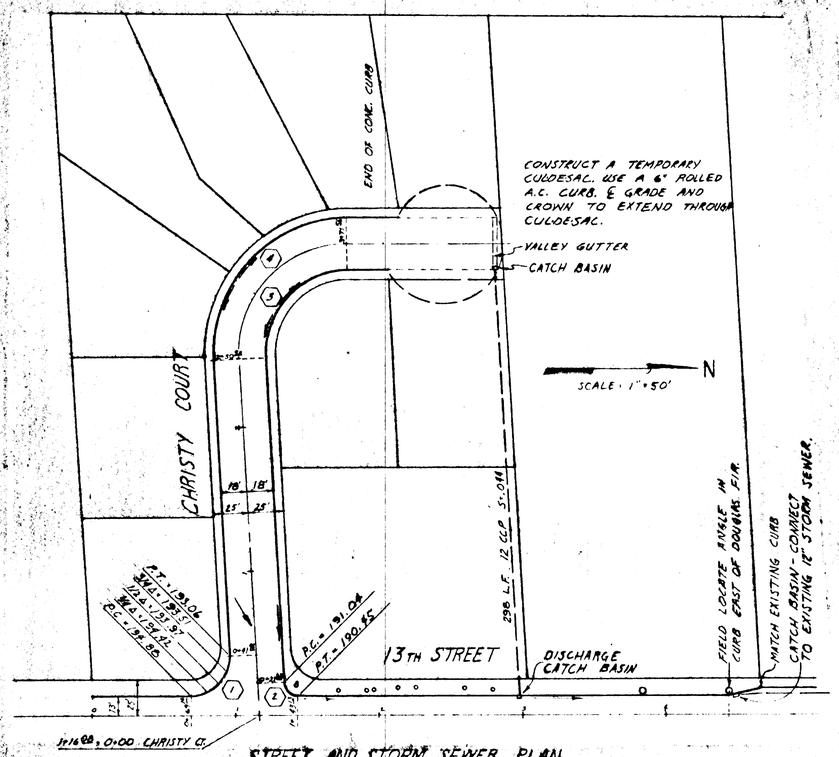
REGISTERED PROFESSIONAL ENGINEER — OREGON — JULY 7, 1969 — THOMAS D. TELFORD

COLUMBIA EMPIRE ENGINEERING, INC.
27790 S. E. DEE ST. - BORING, ORE. 97009

SUB-DIVISION TAX LOTS 200 & 300
NW¼-NW¼ SEC. 2, T3S, R1E, W.M.

DRAWN BY: TELFORD	SHEET NO. 1	TOTAL SHEETS 1
CHECKED BY: TELFORD		
DATE: NOV. 2, 1979 (REVISED)		

LEE ENGINEERING ENTERPRISES ENGINEERS / PLANNERS Oregon City, Oregon	Des:	File No:		Date	No.	Revision	By	PROJECT:	SHEET TITLE:	Sheet No.
	Drw:	Scale:	Date:	9/2/80		DRAWING OF RECORD	DJK	CHRISTY ADDITION	STREET & STORM SEWER	3/3
	Ch:	Approved:								



STREET AND STORM SEWER PLAN

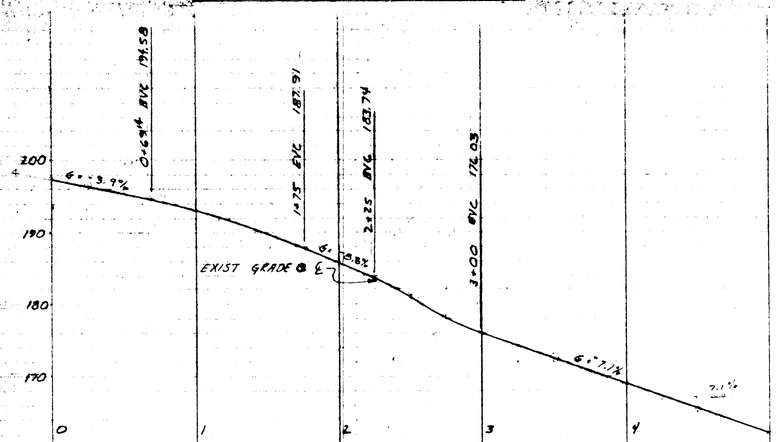
CURB DATA

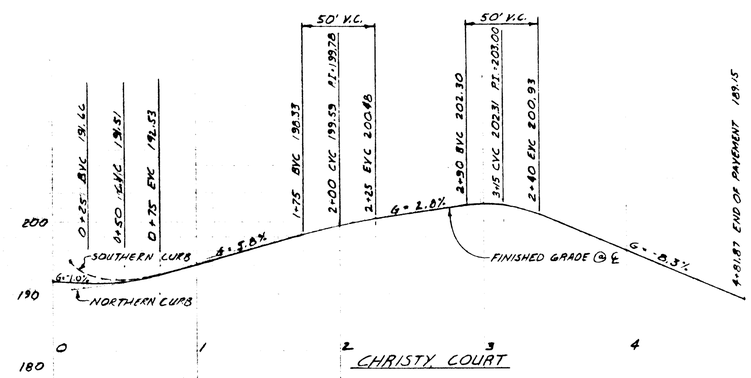
(1) R = 27'
Δ = 92°-25'-53"
L = 43.56'

(2) R = 10'
Δ = 87°-34'-07"
L = 15.28'

(3) R = 57'
Δ = 92°-25'-13"
L = 91.94'

(4) R = 93'
Δ = 92°-25'-13"
L = 150.01'





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