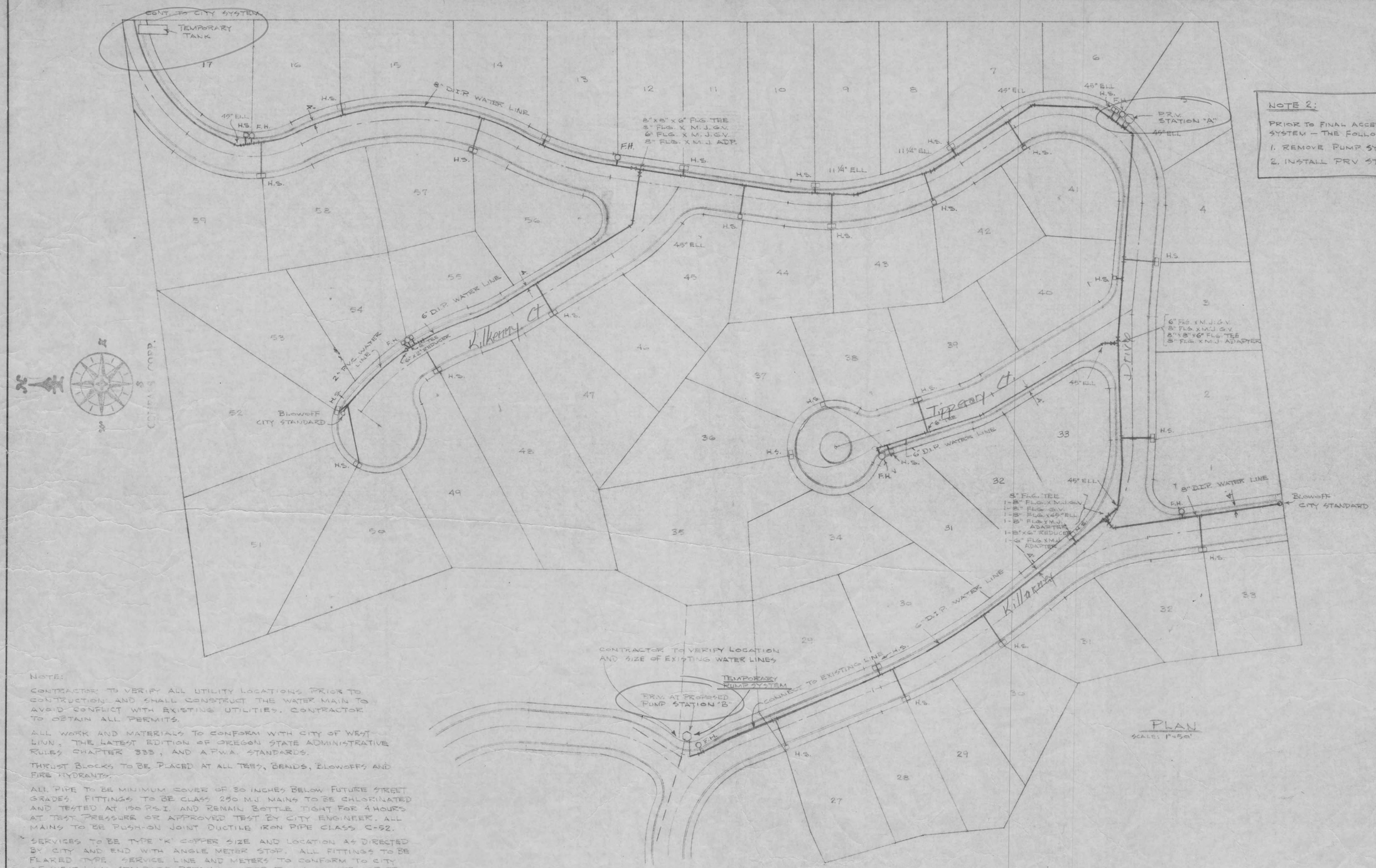


PLAN
SCALE: 1"=50'

NOTE 2:

PRIOR TO FINAL ACCEPTANCE OF WATER SYSTEM – THE FOLLOWING TO BE COMPLETED.

1. REMOVE PUMP SYSTEM & TANK
2. INSTALL PRV STATION "A" & "B"

NOTE:

CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS PRIOR TO CONTRUCTION AND SHALL CONSTRUCT THE WATER MAIN TO AVOID CONFLICT WITH EXISTING UTILITIES. CONTRACTOR TO OBTAIN ALL PERMITS.

ALL WORK AND MATERIALS TO CONFORM WITH CITY OF WEST LINN, THE LATEST EDITION OF OREGON STATE ADMINISTRATIVE RULES CHAPTER 333, AND A.P.W.A. STANDARDS.

THRUST BLOCKS TO BE PLACED AT ALL TEES, BENDS, BLOWOFFS AND FIRE HYDRANTS.

ALL PIPE TO BE MINIMUM COVER OF 30 INCHES BELOW FUTURE STREET GRADES. FITTINGS TO BE CLASS 250 M.J. MAINS TO BE CHLORINATED AND TESTED AT 150 P.S.I. AND REMAIN BOTTLE TIGHT FOR 4 HOURS AT TEST PRESSURE OR APPROVED TEST BY CITY ENGINEER. ALL MAINS TO BE PUSH-ON JOINT DUCTILE IRON PIPE CLASS C-52.

SERVICES TO BE TYPE "K" COPPER SIZE AND LOCATION AS DIRECTED BY CITY AND END WITH ANGLE METER STOP. ALL FITTINGS TO BE FLARED TYPE. SERVICE LINE AND METERS TO CONFORM TO CITY OF WEST LINN STANDARD DETAILS WHERE TWO LOTS ARE SERVED.

FOR APPROVALS ONLY
"NOT FOR CONSTRUCTION"

DATE	NO.	REVISION
9-28-78	3	ADDED NOTE 2, TEMP. P.S. & TANK
2-13-78	2	REV'D C.I.P. TO D.I.P.
1-18-78	1	REV'D. PIPE SIZES & P.R.V.

DRAWN M.L.N. – B.L.E.
SCALE AS SHOWN DATE JAN. 1973
FILE 73-575-723

COMPASS CORPORATION
ENGINEERING - SURVEYING - PLANNING
6564 S.E. LAKE ROAD MILWAUKIE, OREGON 97222

CHARLES RAY MEANS
1431 KILLARNEY DRIVE
WEST LINN, OREGON 97068

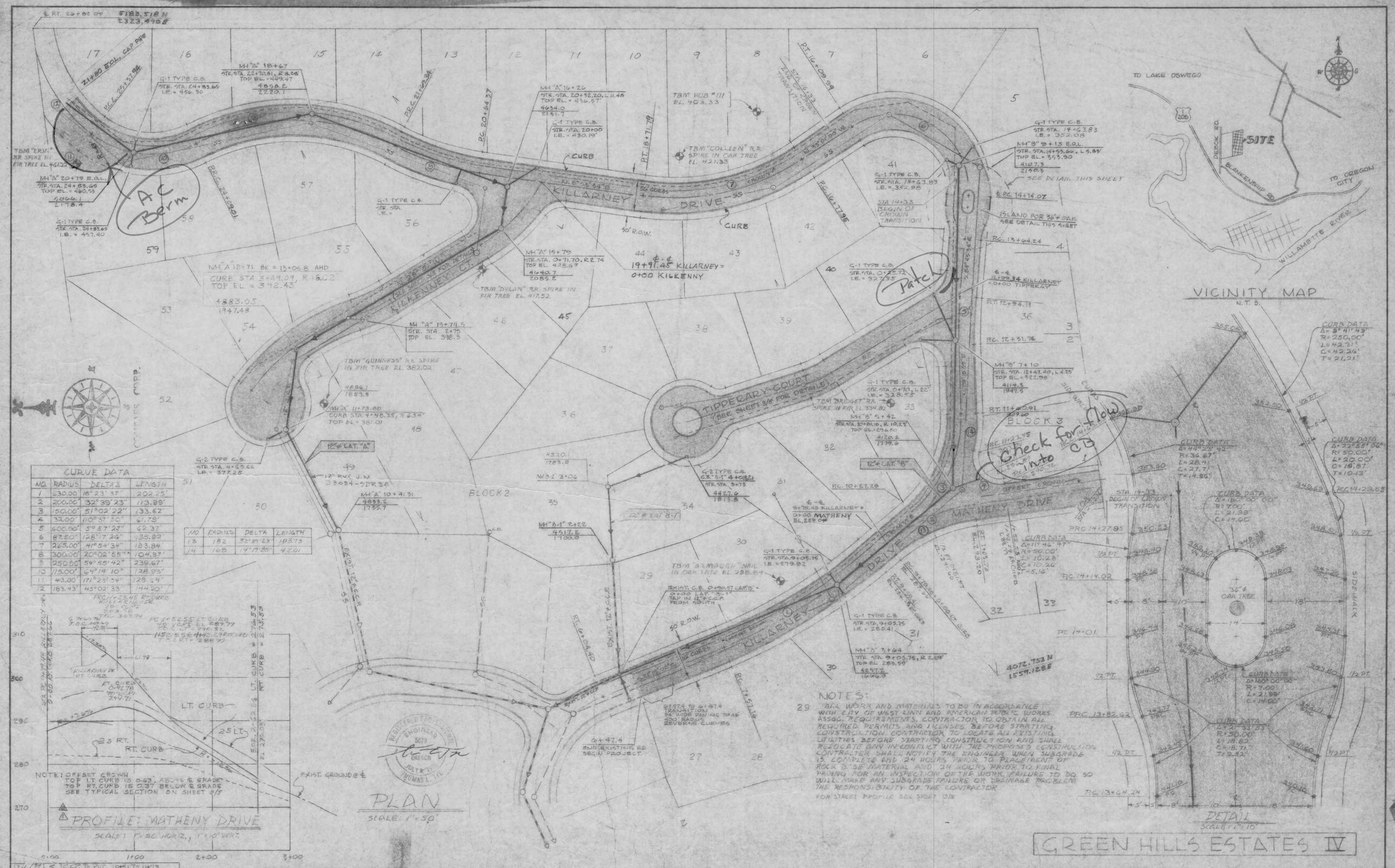
GREEN HILLS ESTATES IV

WATER IMPROVEMENTS

GREENHILLS EST. IV
78

SEP 28 1978

Willamette Print & Blueprint Company



CURVE DATA			
NO.	RADIUS	DELTA ∆	LENGTH
1	630.00'	18°23'37"	202.25'
2	200.00'	32°39'23"	113.89'
3	150.00'	51°02'22"	133.62'
4	32.00'	110°37'50"	61.79'
5	600.00'	5°57'27"	62.37'
6	87.50'	128°17'26"	195.92'
7	265.00'	41°54'34"	193.84'
8	300.00'	20°02'55"	104.97'
9	250.00'	54°55'42"	239.67'
10	115.00'	64°14'10"	128.93'
11	43.00'	171°23'54"	128.64'
12	183.43'	45°02'33"	144.20'

NO	RADIUS	DELTA	LENGTH
13	182	32°39'23"	103.73
14	168	14°19'35"	42.01

NOTES:

29 ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH CITY OF WEST LINN AND AMERICAN PUBLIC WORKS ASSOC. REQUIREMENTS. CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS AND LICENSES BEFORE STARTING CONSTRUCTION. CONTRACTOR TO LOCATE ALL EXISTING UTILITIES BEFORE STARTING CONSTRUCTION AND SHALL RELOCATE ANY IN CONFLICT WITH THE PROPOSED CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN SUBGRADE IS COMPLETE AND 24 HOURS PRIOR TO PLACEMENT OF ROCK BASE MATERIAL AND 24 HOURS PRIOR TO FINAL PAVING FOR AN INSPECTION OF THE WORK. FAILURE TO DO SO WILL MAKE ANY SUBGRADE FAILURE OR DRAINAGE PROBLEM THE RESPONSIBILITY OF THE CONTRACTOR.

FOR STREET PROFILE SEE SHEET 3/5

GREEN HILLS ESTATES IV

DATE	NO.	REVISION
12/6/77	5	C.C.P. TO P.V.C. 10+41 TO 11+73
31 AUG 77	4	ADDED CURB DATA #13 & 14
29 AUG 77	3	REVISE MATHENY DR. GRADE
7/26/77	2	MATHENY DR. OFFSET CROWN
19 MAY 77	1	REVISE MATHENY DR. GRADE

DRAWN WEC
SCALE AS SHOWN DATE JAN. 1977
FILE 73-575-723-1

COMPASS CORPORATION
ENGINEERING · SURVEYING · PLANNING
6564 S.E. LAKE ROAD MILWAUKIE, OREGON 97222 653-9093

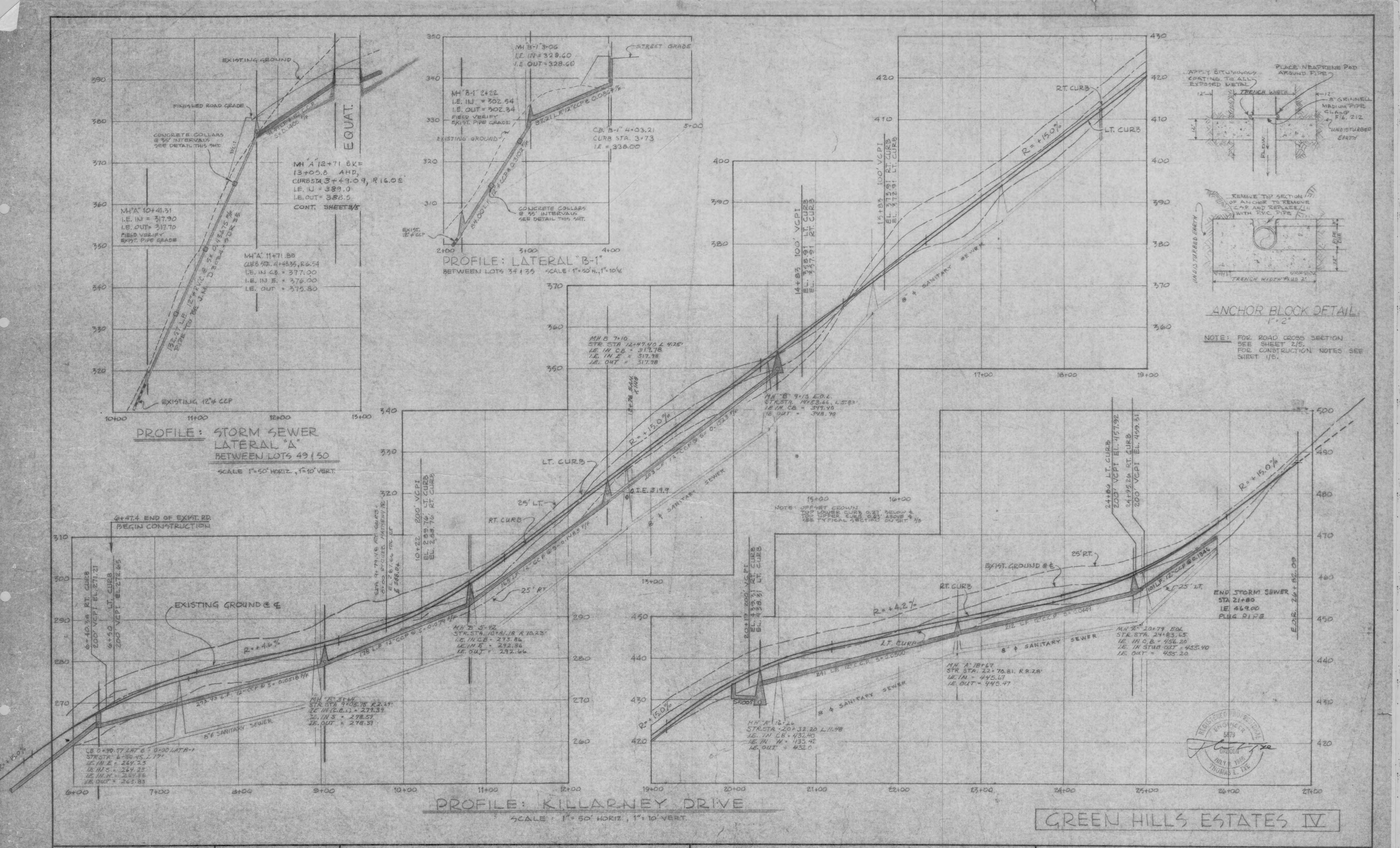
CHARLES RAY MEANS 656-1326
1431 KILLARNEY DRIVE
WEST LINN, OREGON 97068

KILLARNEY DRIVE
PAVING IMPROVEMENTS
PLAN

1/5

SEP 28 1978

Willamette Print & Blueprint Company



GREEN HILLS ESTATES IV

DATE	NO.	REVISION
12/14/77	4	RAISED STORM GRADE 16+26 – 18+67
12/6/77	3	C.C.P. TO PVC 10+41 TO 11+73
12/6/77	2	ROAD ANCHOR BLK. DTWG. & "LAT. A"
7/27/77	1	MOVED STORM MH IN KILKENNY CT. CUL. DE SAC

DRAWN WEC
SCALE AS SHOWN
DATE FEB. 1977
FILE 73-575-723-2

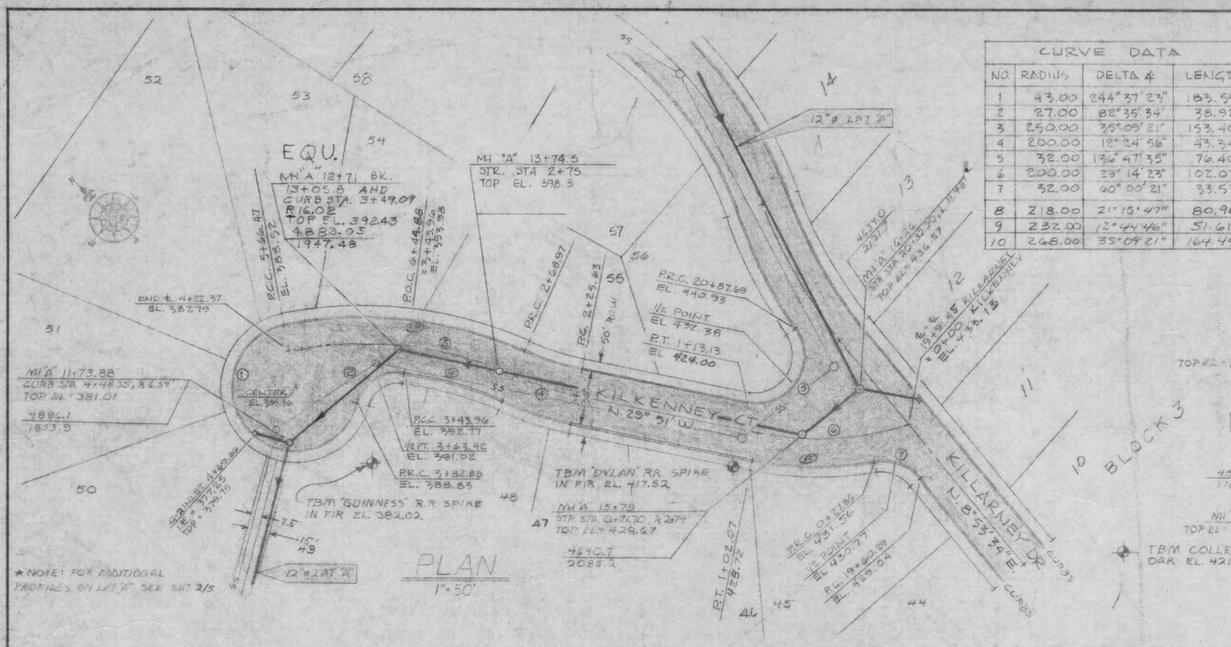
COMPASS CORPORATION
ENGINEERING - SURVEYING - PLANNING
6564 S.E. LAKE ROAD MILWAUKIE, OREGON 97222

CHARLES RAY MEANS 656-1326
1431 KILLARNEY DRIVE
WEST LINN, OREGON 97068

KILLARNEY DRIVE
PAVING IMPROVEMENTS
PROFILE

2/5

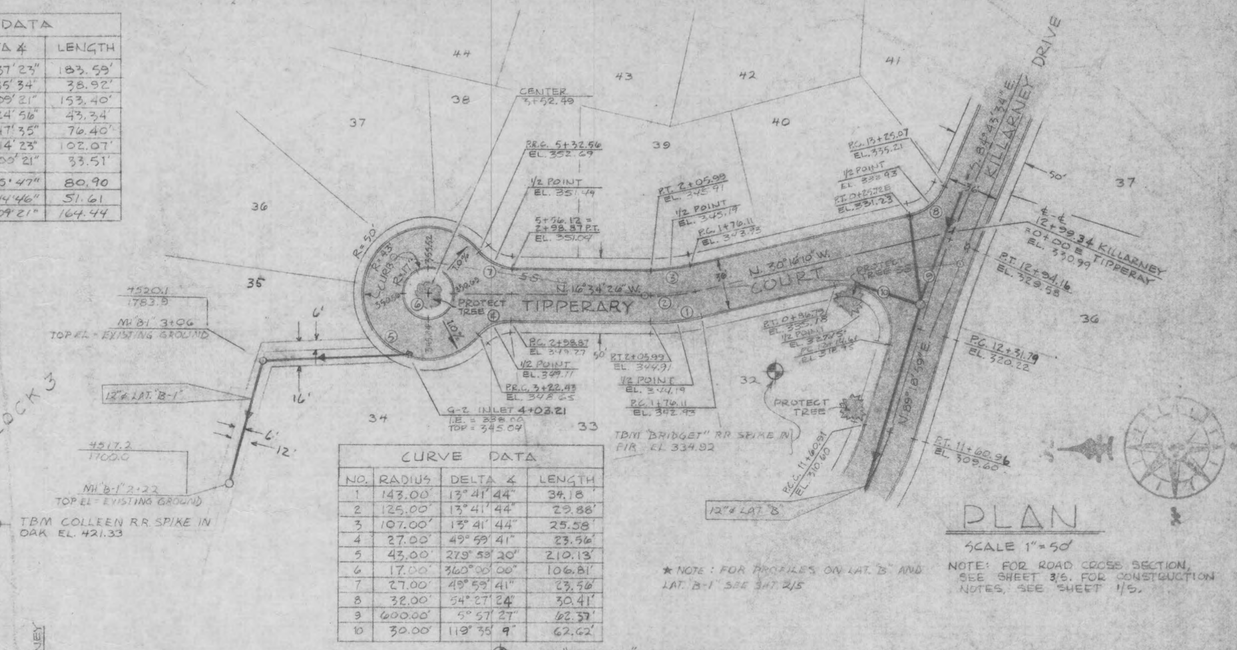
SEP 28 1978



PLAN

1" = 50'

CURVE DATA			
NO.	RADIUS	DELTA ∠	LENGTH
1	43.00	244° 37' 23"	183.59'
2	27.00	82° 35' 34"	38.92'
3	250.00	35° 09' 21"	153.40'
4	200.00	12° 24' 56"	43.34
5	32.00	136° 47' 35"	76.40'
6	200.00	29° 14' 23"	102.07'
7	32.00	60° 00' 21"	33.51'
8	218.00	21° 15' 47"	80.90
9	232.00	12° 44' 46"	51.61
10	268.00	35° 09' 21"	164.44

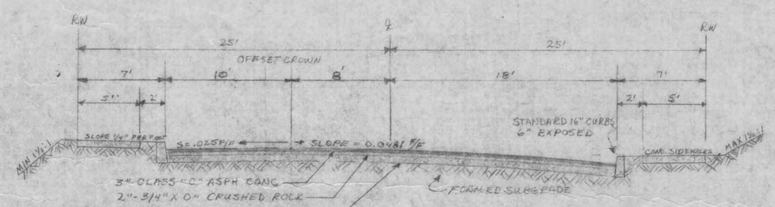


PLAN

SCALE 1" = 50'

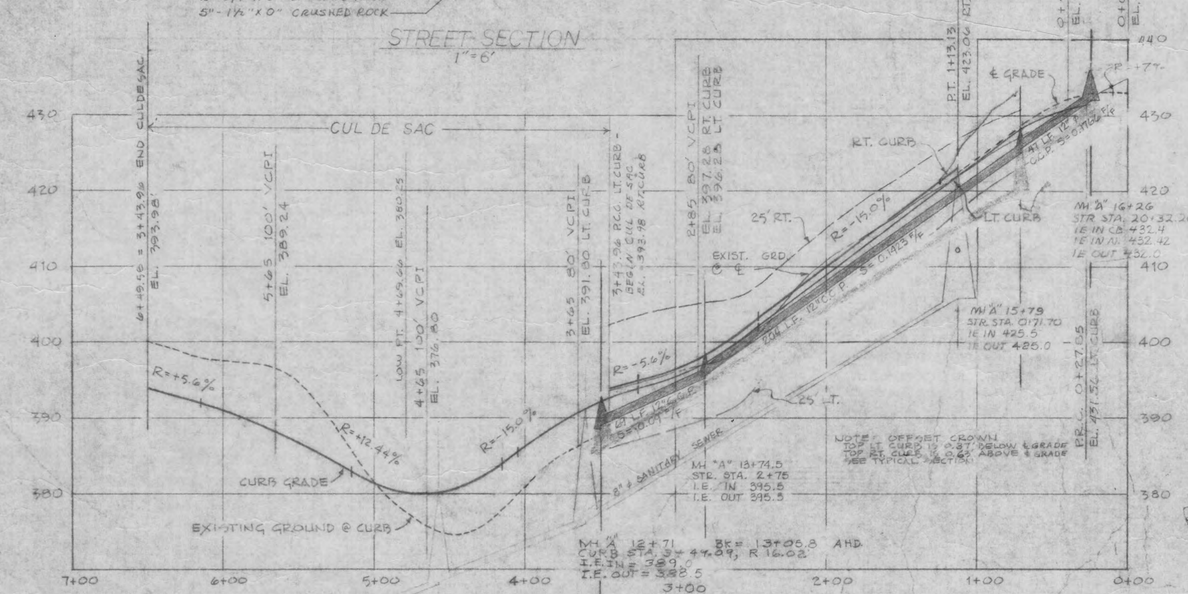
CURVE DATA			
NO.	RADIUS	DELTA ∠	LENGTH
1	143.00'	13° 41' 44"	34.18'
2	125.00'	13° 41' 44"	29.88'
3	107.00'	13° 41' 44"	25.58'
4	27.00'	49° 59' 41"	23.56'
5	43.00'	279° 59' 20"	210.13'
6	17.00'	360° 00' 00"	106.81'
7	27.00'	49° 59' 41"	23.56'
8	32.00'	54° 27' 24"	30.41'
9	600.00'	5° 57' 27"	62.37'
10	30.00'	119° 35' 9"	62.62'

TBM "ARMAUGH" NAIL IN OAK TREE EL. 298.84



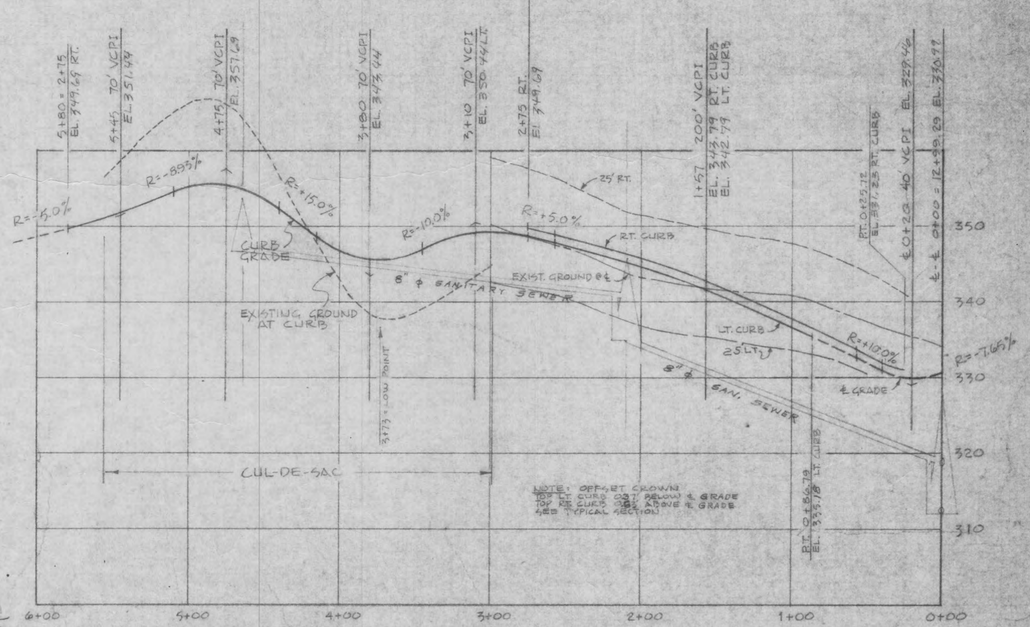
STREET SECTION

1" = 6'



PROFILE: KILKENNEY COURT

SCALE: 1" = 50' HORIZ., 1" = 10' VERT.



PROFILE: TIPPERARY COURT

SCALE 1" = 50' HORIZ., 1" = 10' VERT.

GREEN HILLS ESTATES IV

DATE	NO.	REVISION
11-8-76	4	REVISED LOWER CHED KILLENEY
9/27/77	3	ADDED "B-1" & CURB DATA
9/27/77	2	REVISED GRADE ON TIPPERARY
7/27/77	1	REVISED STREET GRADES ON KILKENNEY & TIPPERARY CT.

DRAWN WEC

SCALE AS SHOWN DATE APRIL 1977

FILE 73-575-723-3

COMPASS CORPORATION

ENGINEERING · SURVEYING · PLANNING

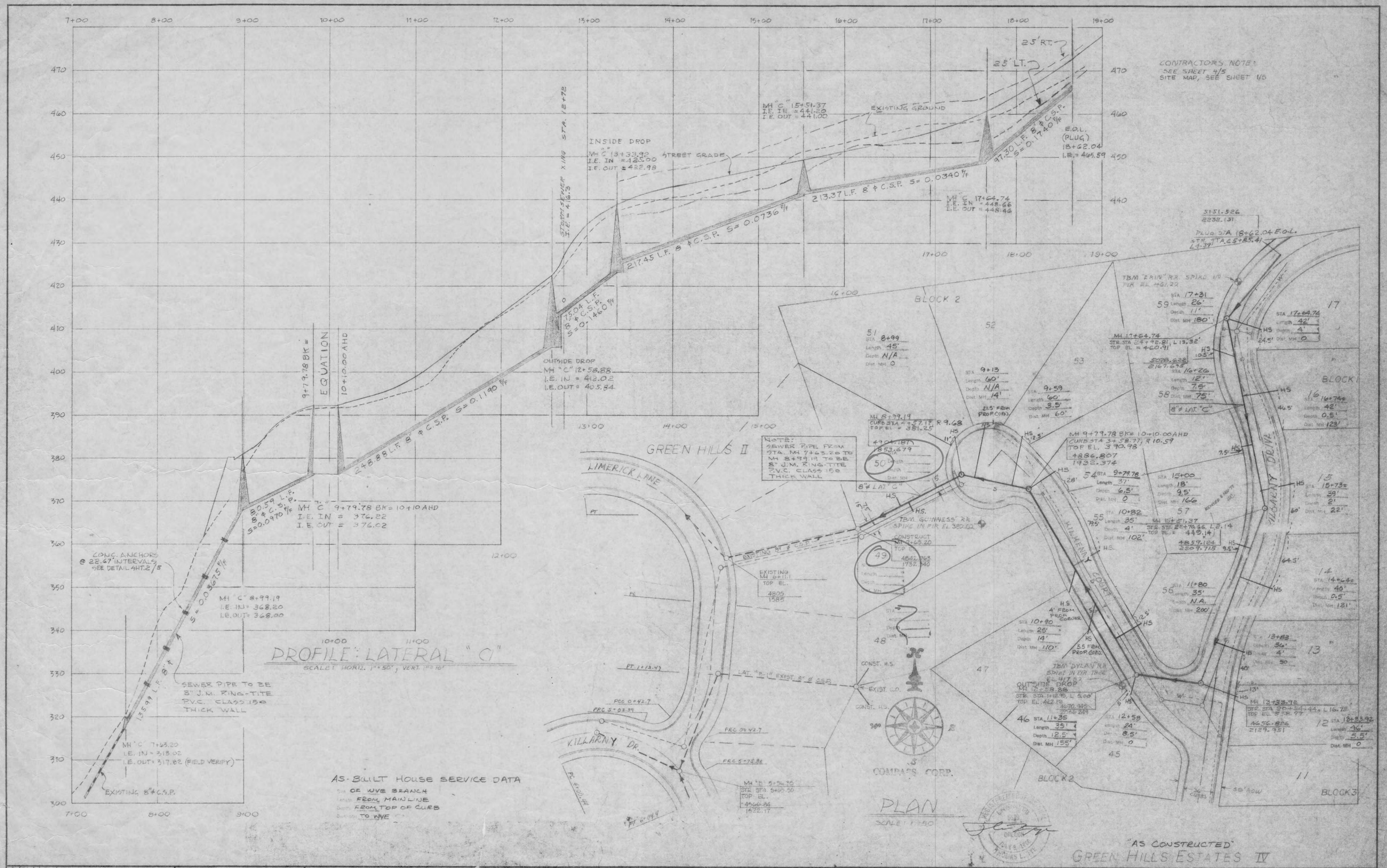
PORTLAND, OREGON 653-9093

CHARLES RAY MEANS 656-1326
1431 KILLARNEY DRIVE
WEST LINN, OREGON 97068

KILKENNEY AND TIPPERAY COURTS
PAVING IMPROVEMENTS
PLANS AND PROFILES

3/5

SEP 28 1978



DATE	NO.	REVISION
9/26/78	A	HS AS-BUILT DATA
12/6/77	3	C.S.P. TO P.V.C. STA. 7+63 TO 8+99
7/27/77	2	GRADE REV. WITH CTY. APPR.
7/27/77	1	REVISED ALIGN. & GRADE

DRAWN B.H. MS
SCALE AS SHOWN DATE MAY, 1977
FILE 78-575-722-5

COMPASS CORPORATION
ENGINEERING · SURVEYING · PLANNING
6564 S.E. LAKE ROAD MILWAUKIE, OREGON 97222

CHARLES RAY MEANS.
1431 KILLARNY DRIVE
WEST LINN, OREGON

KILLARNY DRIVE SANITARY SEWER PLAN AND PROFILES

5/5

SEP 26 1978

NOTES:

ALL SANITARY SEWER MAINS TO BE EXTRA STRENGTH CONCRETE SEWER PIPE CLASS "C-14", EXCEPT WHERE NOTED.

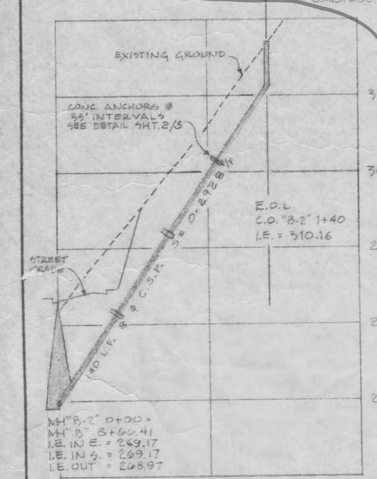
HOUSE SERVICE CONNECTIONS TO BE 6" ϕ EXTRA STRENGTH MIN. SLOPE 0.010 ft/ft, CLASS "C-14" CONCRETE SEWER PIPE AND SHALL EXTEND TO THE PROPERTY LINE AT EACH LOT. CONTRACTOR SHALL PREPARE A PLAN FOR THE ENGINEER SHOWING "AS CONSTRUCTED" INFORMATION: SEWER LINE STATION AT TEE, LENGTH, DEPTH OF SERVICE AT PROPERTY LINE, DISTANCE FROM PROPERTY LINE, DISTANCE FROM PROPERTY LINE CROSSING TO PROPERTY CORNER, AND ANY CHANGES MADE DURING CONSTRUCTION.

SEE ALSO NOTE PAGE 1/5

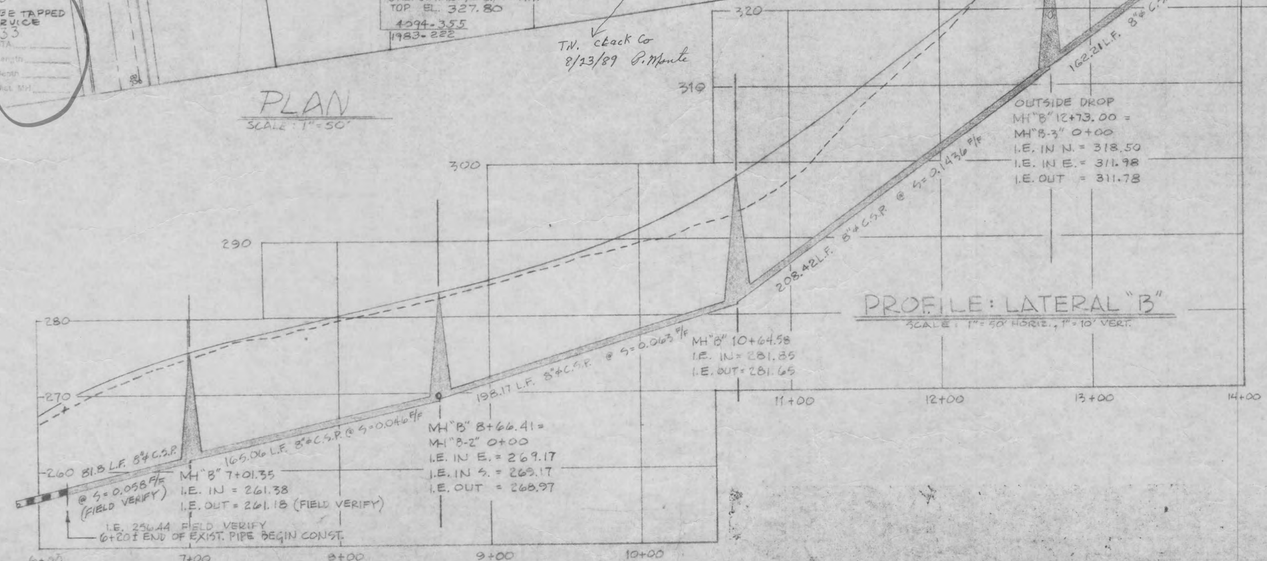
FOR SITE MAP SEE SHEET 1/5.

MIN. SLOPE FOR 4" H.S. = 0.020 ft/ft

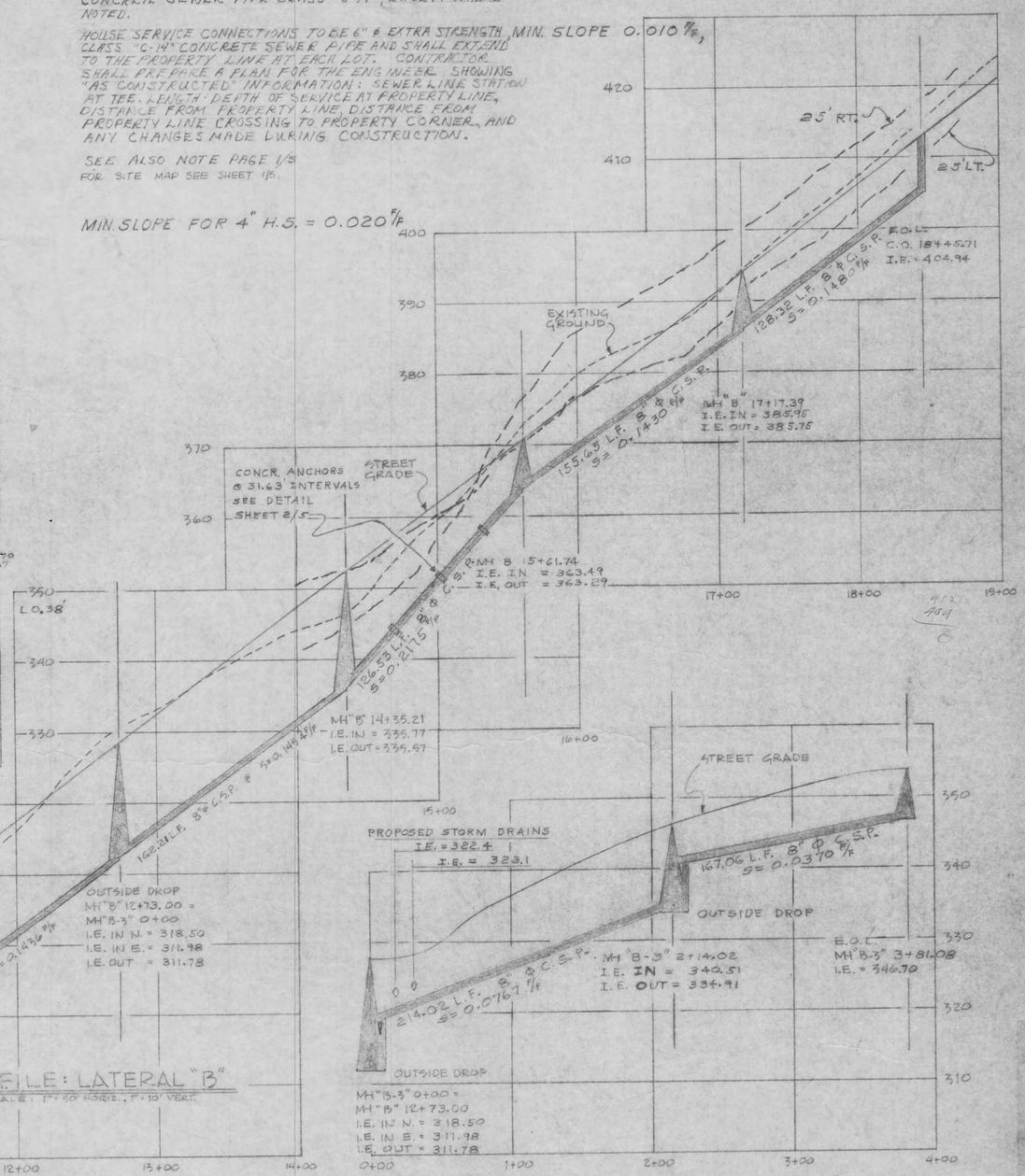
PLAN
SCALE: 1" = 50'



PROFILE: LATERAL "B-2"
SCALE: 1" = 50' HORIZ., 1" = 10' VERT.



PROFILE: LATERAL "B"
SCALE: 1" = 50' HORIZ., 1" = 10' VERT.



PROFILE: LATERAL "B-3"
SCALE 1" = 50' HORIZ., 1" = 10' VERT.

"AS CONSTRUCTED"
"GREEN HILLS ESTATES IV"

REGISTERED PROFESSIONAL ENGINEER 5673 OREGON JULY 2, 1976 THOMAS L. PIPES

DATE	NO.	REVISION
9-26-78	4	AS BUILT
5-31-77	3	MH B-3 2" 4.06 TOP ELEV
9-25-77	2	MH B 10+64.58 TOP ELEV
7/28/77	1	GRADE REV. WITH CTY APPR.
7/28/77	1	REVISED ALIGN. & GRADE

DRAWN BKHF
SCALE AS SHOWN DATE MAY 1977
FILE 73-575-723-4

COMPASS CORPORATION
ENGINEERING - SURVEYING - PLANNING
[illegible] LAKE ROAD MILWAUKIE, OREGON 97222

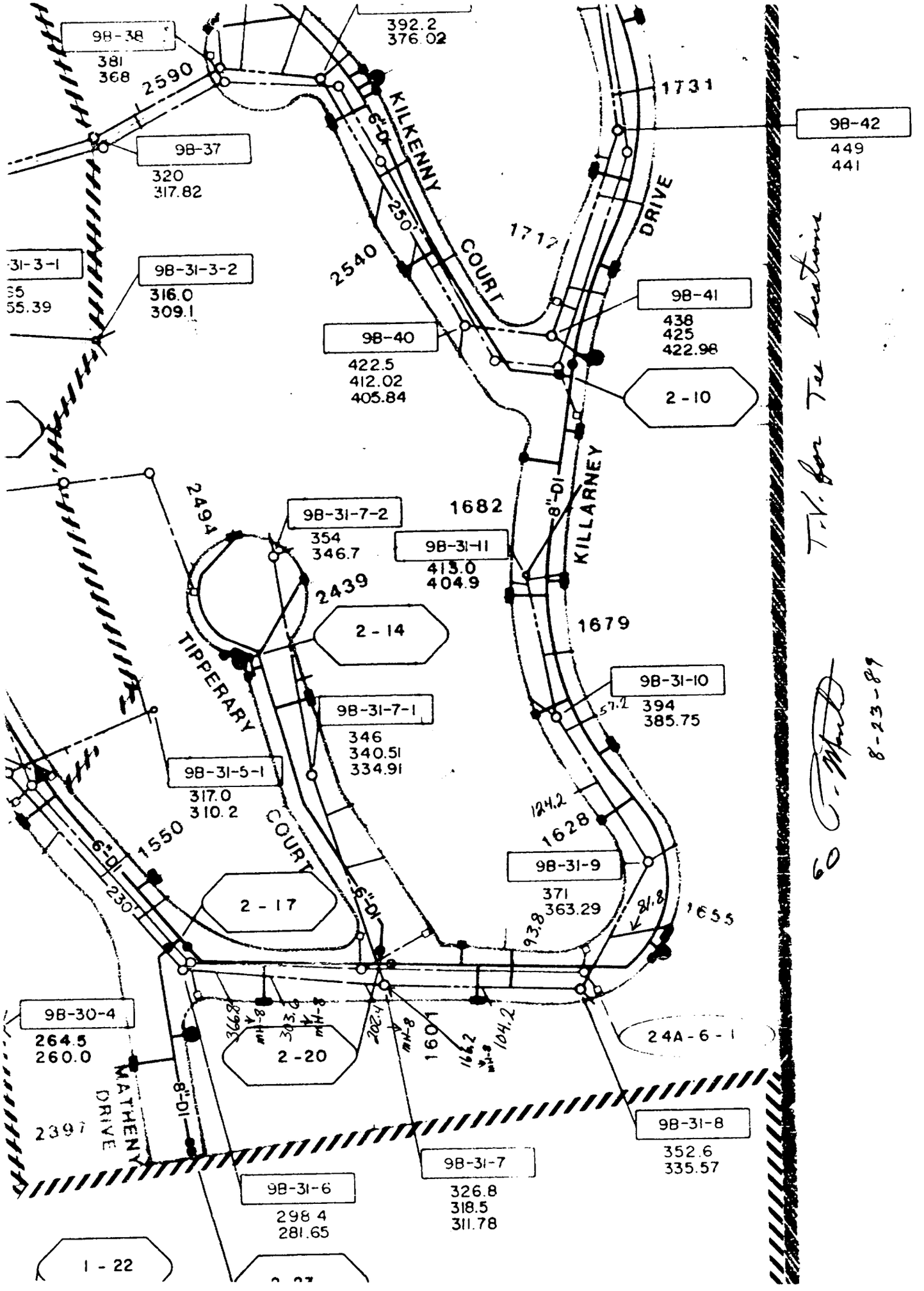
CHARLES RAY MEANS 656-1326
1431 KILLARNY DRIVE
WEST LINN, OREGON 97068

KILLARNY DRIVE SANITARY SEWER PLAN AND PROFILES

4 / 5

SEP 28 1978

Willamette Print & Blueprint Company


98-38
381
368
392.2
376.02
2590
98-37
320
317.82
KILKENNY
COURT
6"-DI
250
1731
98-42
449
441
DRIVE
1712
2540
98-31-3-1
55.39
98-31-3-2
316.0
309.1
98-41
438
425
422.98
98-40
422.5
412.02
405.84
2-10
KILLARNEY
8"-DI
1682
2494
98-31-7-2
354
346.7
98-31-11
413.0
404.9
2439
2-14
1679
TIPPERARY
98-31-10
394
385.75
57.2
98-31-7-1
346
340.51
334.91
98-31-5-1
317.0
310.2
124.2
1628
1550
6"-DI
230
COURT
98-31-9
371
363.29
2-17
6"-DI
93.8
81.8
1655
98-30-4
264.5
260.0
366.8
303.4
202.4
1601
166.2
104.2
24A-6-1
2-20
MATHENY
DRIVE
8"-DI
2397
98-31-8
352.6
335.57
98-31-7
326.8
318.5
311.78
98-31-6
298.4
281.65
1-22
T.V. for Tax location
60
8-23-89