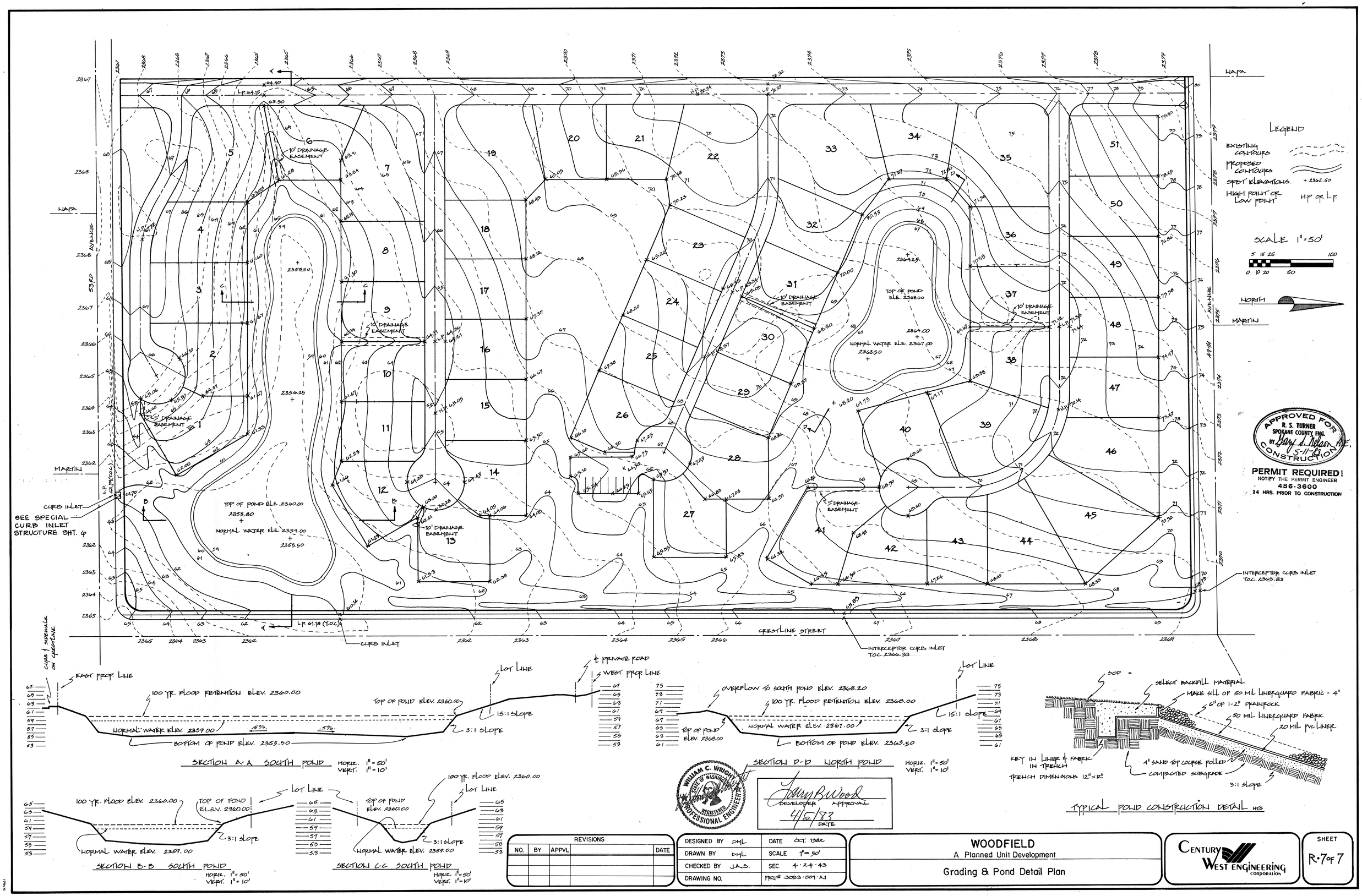
K-E PLATE 1, PLAN-PROFILE
KEUFFEL & ESSER CO
48 7008 MADE IN U.S.A.



REVISIONS				
NO.	BY	APPVL		DATE

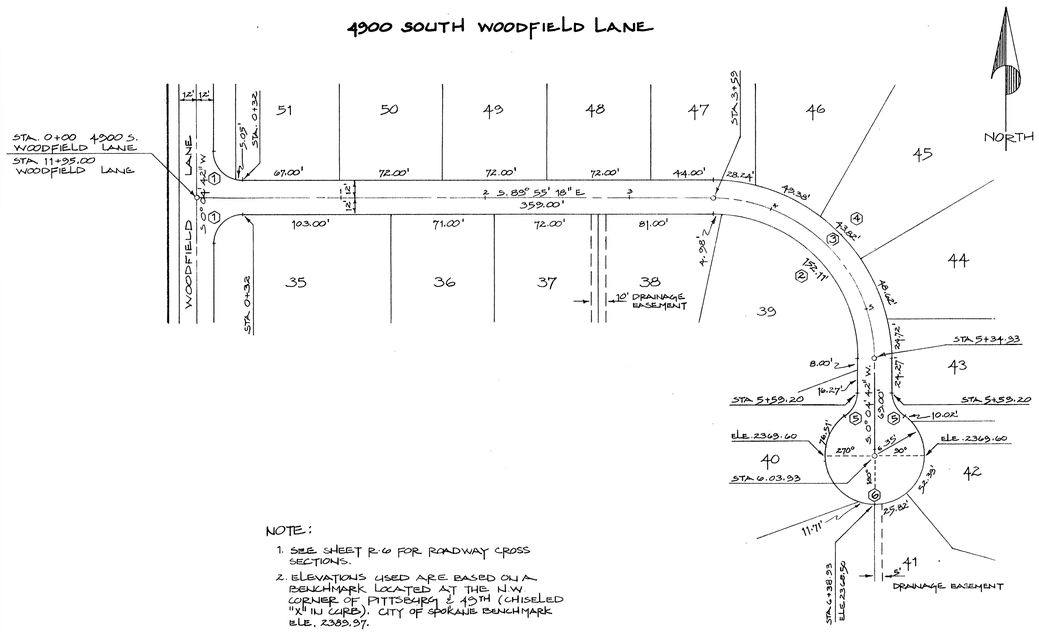
DESIGNED BY	DML	DATE	OCT. 1982
DRAWN BY	DML	SCALE	1" = 50'
CHECKED BY	J.A.S.	SEC	4·24·43
DRAWING NO.		PROJ#	3093·001·A1

WOODFIELD
A Planned Unit Development
Grading & Pond Detail Plan

CENTURY WEST ENGINEERING CORPORATION

SHEET R·7 OF 7

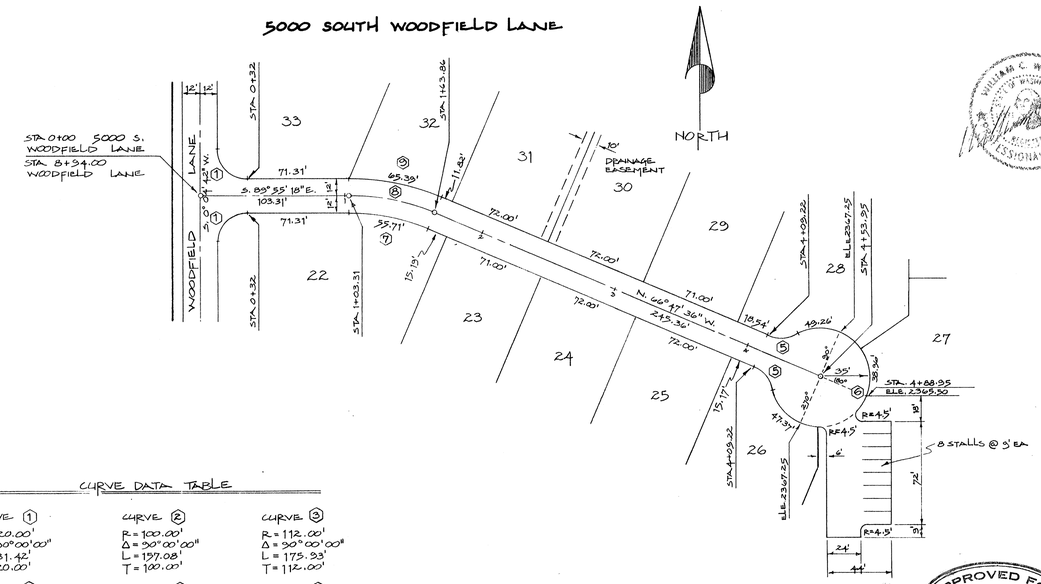
4900 SOUTH WOODFIELD LANE



NOTE:

1. SEE SHEET R-6 FOR ROADWAY CROSS SECTIONS.
2. ELEVATIONS USED ARE BASED ON A BENCHMARK LOCATED AT THE N.W. CORNER OF PITTSBURG & 49TH (CHISELED "X" IN CURB). CITY OF SPOKANE BENCHMARK ELE. 2383.97.

5000 SOUTH WOODFIELD LANE



CURVE DATA TABLE

CURVE (1) R = 20.00' Δ = 90° 00' 00" L = 31.42' T = 20.00'	CURVE (2) R = 100.00' Δ = 90° 00' 00" L = 157.08' T = 100.00'	CURVE (3) R = 112.00' Δ = 90° 00' 00" L = 175.93' T = 112.00'
CURVE (4) R = 124.00' Δ = 90° 00' 00" L = 194.78' T = 124.00'	CURVE (5) R = 20.00' Δ = 54° 25' 17" L = 19.00' T = 10.28'	CURVE (6) R = 35.00' Δ = 288° 50' 35" L = 176.45' T = 25.04'
CURVE (7) R = 138.00' Δ = 23° 07' 42" L = 55.71' T = 28.24'	CURVE (8) R = 150.00' Δ = 23° 07' 42" L = 60.53' T = 30.63'	CURVE (9) R = 162.00' Δ = 23° 07' 42" L = 65.39' T = 33.15'

DEVELOPER APPROVAL
4/6/83
DATE

APPROVED FOR CONSTRUCTION
R. S. TURNER
SPOKANE COUNTY ENG.
BY Gary L. Nelson P.E.
5-11-83

PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

WILLIAM C. WRIGHT — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

SHEET R-4 of 7

CENTURY WEST ENGINEERING CORPORATION

WOODFIELD

4900 S. WOODFIELD LANE : STA. 0+00 TO STA. 6+38.93
5000 S. WOODFIELD LANE : STA. 0+00 TO STA. 4+88.35

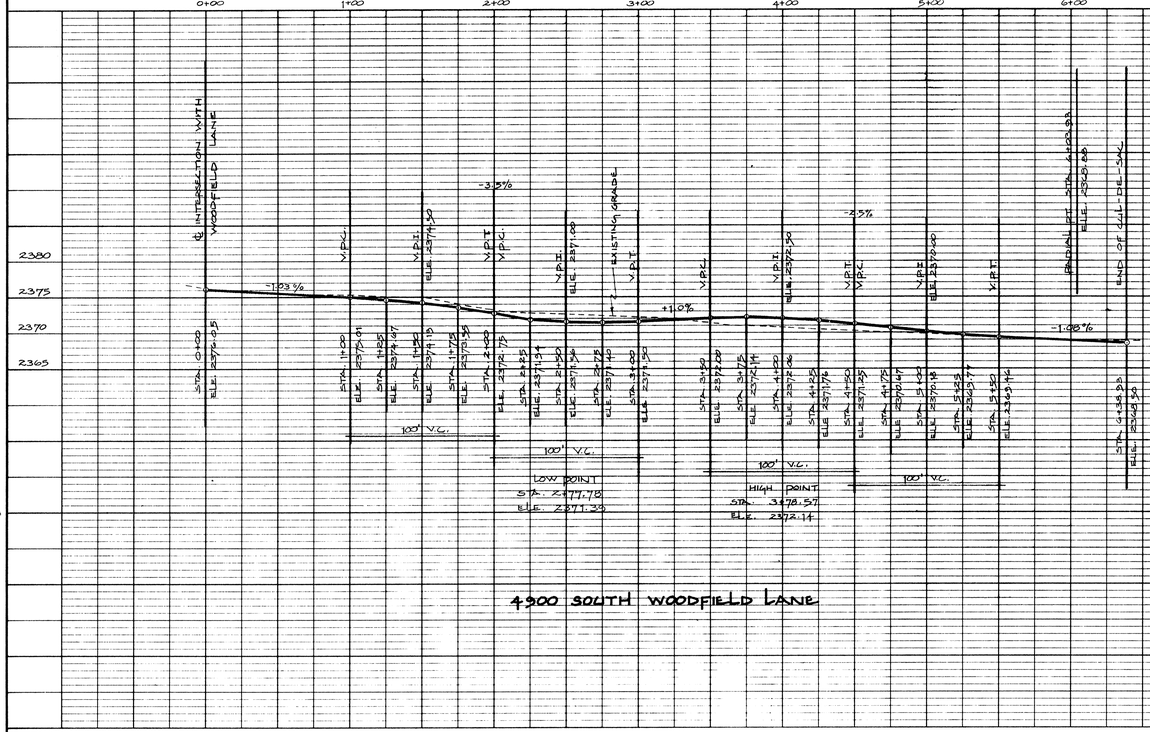
REVISIONS		
NO.	BY	APPVL

DESIGNED BY P.H.L. — DATE OCT. 1982
DRAWN BY B.M.H. — SCALE HOR. 1" = 100' VERT. 1" = 10'
CHECKED BY J.A.S. — SEC. 4-24-43
PROJ. No. 3093-001A

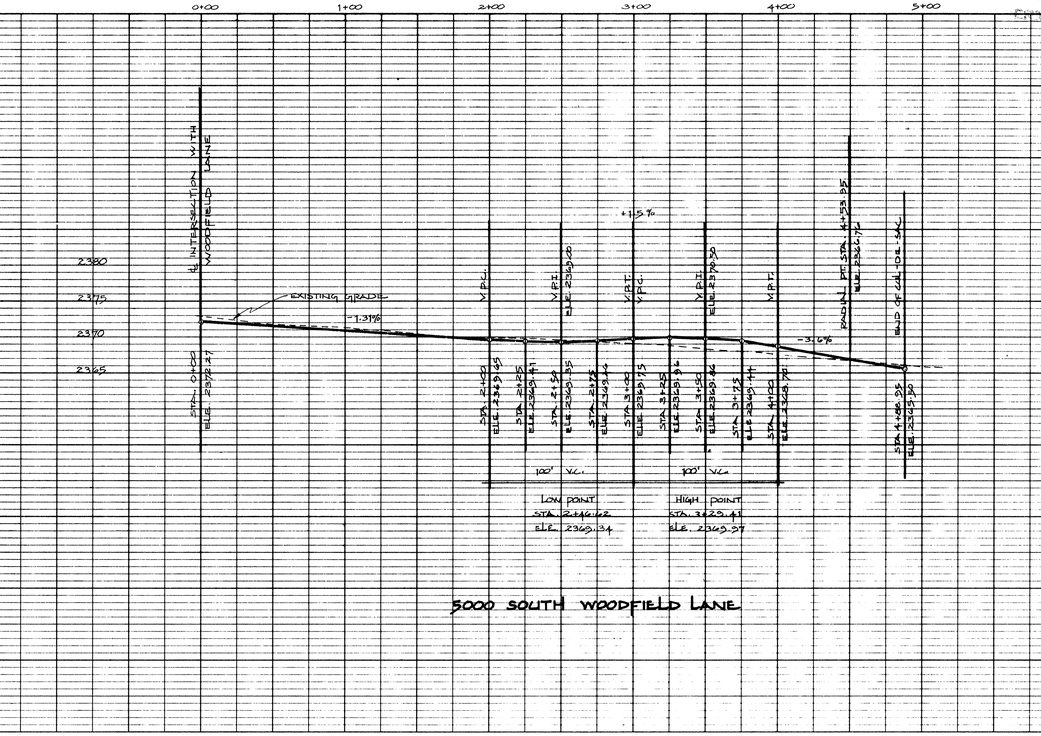
PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R/W OR EASEMENT CHECKED
NOTE BOOK
No.

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R/W & ℄'s NOTED
STRUCTURE NOTATIONS CHECKED
NOTE BOOK
No.

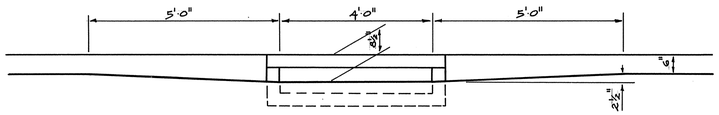
4900 SOUTH WOODFIELD LANE



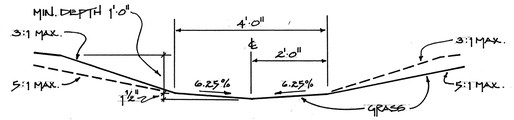
5000 SOUTH WOODFIELD LANE



K+E PLATE 1, PLAN-PROFILE
KEUFFEL & ESSER CO
48 7008 MADE IN U.S.A.

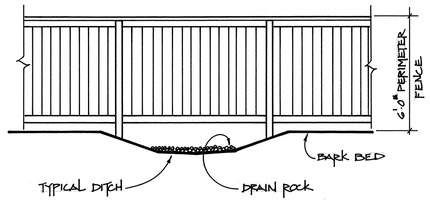


FRONT VIEW



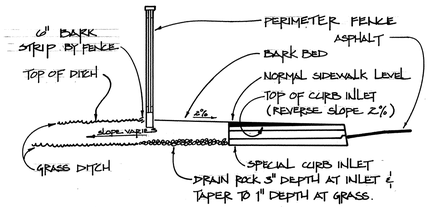
TYPICAL DRAINAGE SWALE DETAIL

N.T.S.



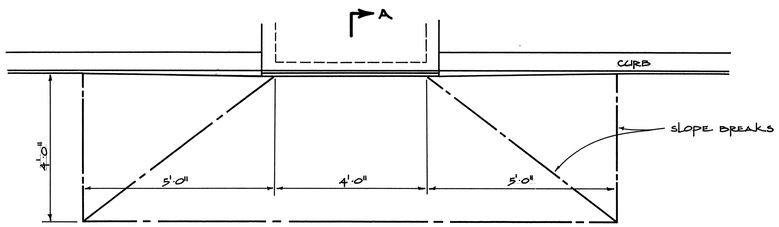
DITCH DETAIL AT FENCE LOCATION — STREET SIDE ELEVATION, TYP.

N.T.S.

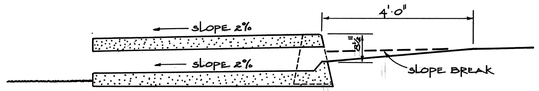


DITCH DETAIL AT FENCE LOCATION
SECTION ALONG ℄ OF DITCH, TYP.

N.T.S.



PLAN



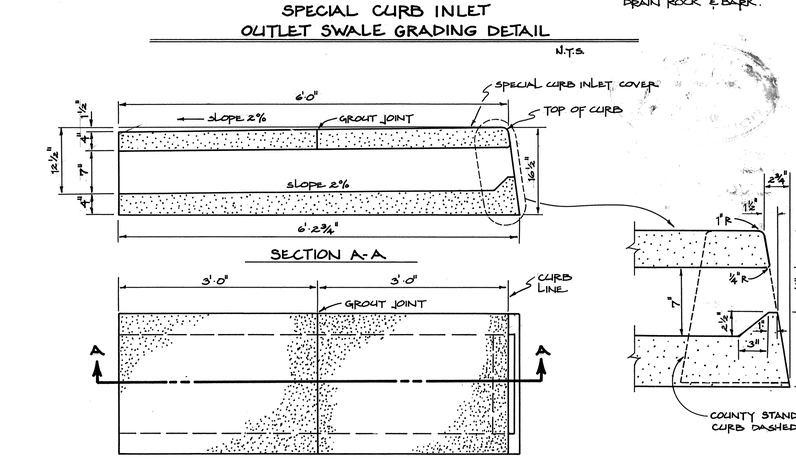
SECTION A-A

SPECIAL CURB INLET GUTTER DEPRESSION DETAILS FOR 49TH, 53RD & CRESTLINE

SCALE: ½"=1'-0"

APPROVED FOR CONSTRUCTION
R. S. TURNER
SPOKANE COUNTY, ENG.
BY Mary A. Nelson P.E.
5-11-93

PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

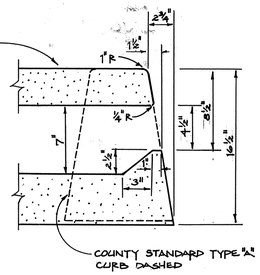


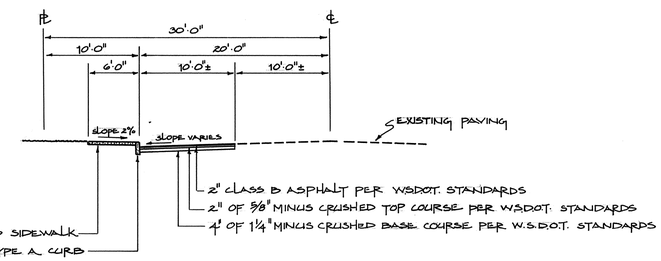
SPECIAL CURB INLET
OUTLET SWALE GRADING DETAIL

N.T.S.

SECTION A-A

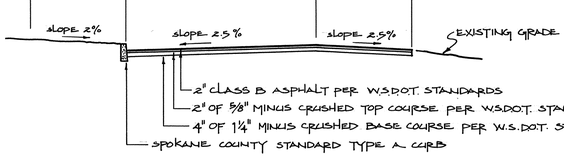
PLAN VIEW



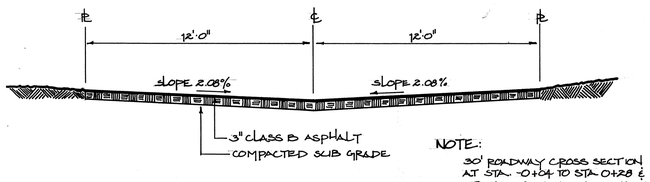


NOTE:
1. 49TH CROSS SECTION IS REVERSED FROM CRESTLINE.
2. CUT EDGE OF EXISTING PAVEMENT TO MAKE CLEAN MATCH WITH NEW PAVEMENT.

TYPICAL CROSS SECTION FOR CRESTLINE & 49TH FROM STA. 0+00 TO STA. 0+46.38 & STA 2+59.38 TO STA. 6+64.82

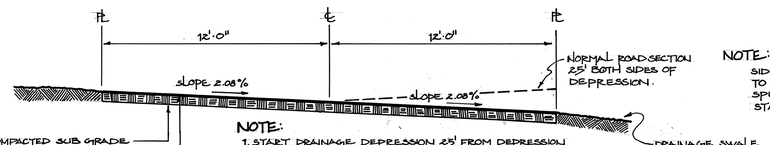


TYPICAL CROSS SECTION 53RD AVE.



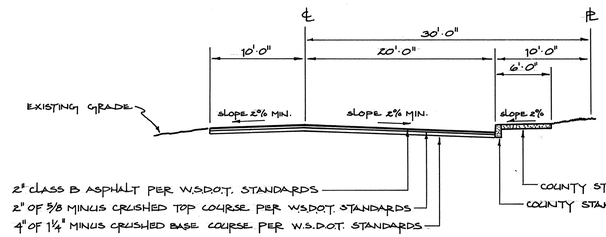
NOTE:
30' ROADWAY CROSS SECTION AT STA. -0+54 TO STA 0+28 & STA. 12+38.43 TO STA. 12+70.43.

TYPICAL CROSS SECTION FOR ALL PRIVATE ROADS

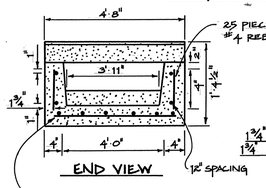


NOTE:
1. START DRAINAGE DEPRESSION 25' FROM DEPRESSION STATION & MATCH BACK TO NORMAL ROAD GRADE 25' ON THE OTHER SIDE OF DEPRESSION.
2. NOTE THAT ONLY ONE DRAINAGE DEPRESSION IS REQUIRED FOR WOODFIELD LANE.

TYPICAL PRIVATE ROAD DRAINAGE DEPRESSION FOR: WOODFIELD LANE STA. 10+80.00
S. 4900 WOODFIELD LANE STA. 2+77.78
S. 5000 WOODFIELD LANE STA. 2+46.62
S. 5100 WOODFIELD LANE STA. 2+55.69



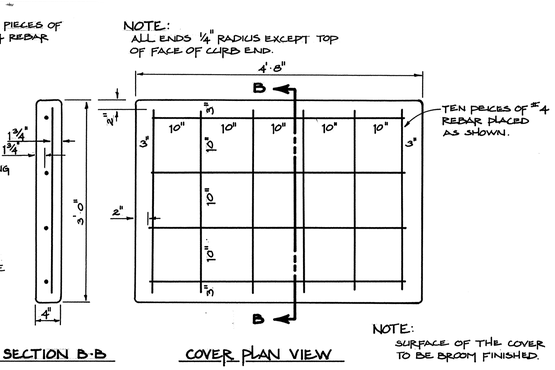
CROSS SECTION OF 49TH FROM STA. 0+46.38 TO STA. 2+59.38.



NOTE:
ALL ENDS ¼" RADIUS EXCEPT TOP OF FACE OF CURB END.

NOTE:
BOTTOM SECTION PRE-CAST OR CAST-IN-PLACE. PRE-CAST SHALL REQUIRE REINFORCEMENT.

NOTE:
SIDEWALK SHALL BE REVERSED TO SLOPE TOWARD STREET WHERE SPECIAL CURB INLET IS NOT INSTALLED.



SECTION B-B

COVER PLAN VIEW

NOTE:
SURFACE OF THE COVER TO BE BROOM FINISHED.

SPECIAL CURB INLET & INLET COVER DETAILS

N.T.S.

TYPICAL ROAD CROSS SECTIONS

N.T.S.

WILLIAM C. WRIGHT
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

DEVELOPER APPROVAL
4/5/93
DATE

REVISIONS				
NO.	BY	APPVL		DATE

DESIGNED BY	D.M.L.	DATE	OCT 1992
DRAWN BY	B.M.H.	SCALE	AS SHOWN
CHECKED BY	J.A.S.	SEC.	4-24-43
PROJ. No. 3093-001-A1			

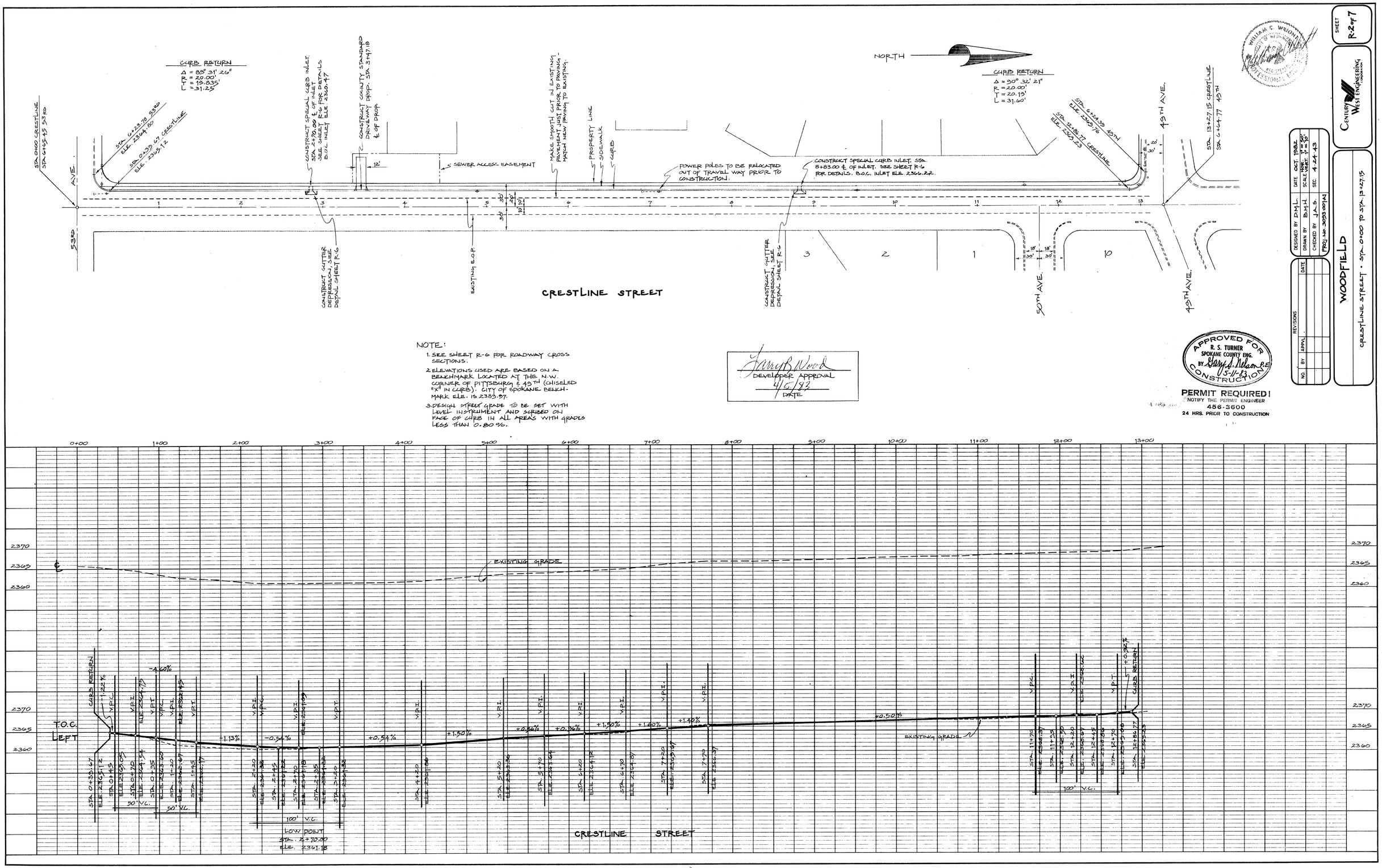
WOODFIELD

SPECIAL CURB INLET / GUTTER DEPRESSION DETAILS
TYPICAL ROAD CROSS SECTIONS

CENTURY WEST ENGINEERING CORPORATION

SHEET R-6 OF 7

N2A01



PLAN
NOTE BOOK No.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK No.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTATIONS CHECKED
BY
DATE

SHEET R-2 OF 7

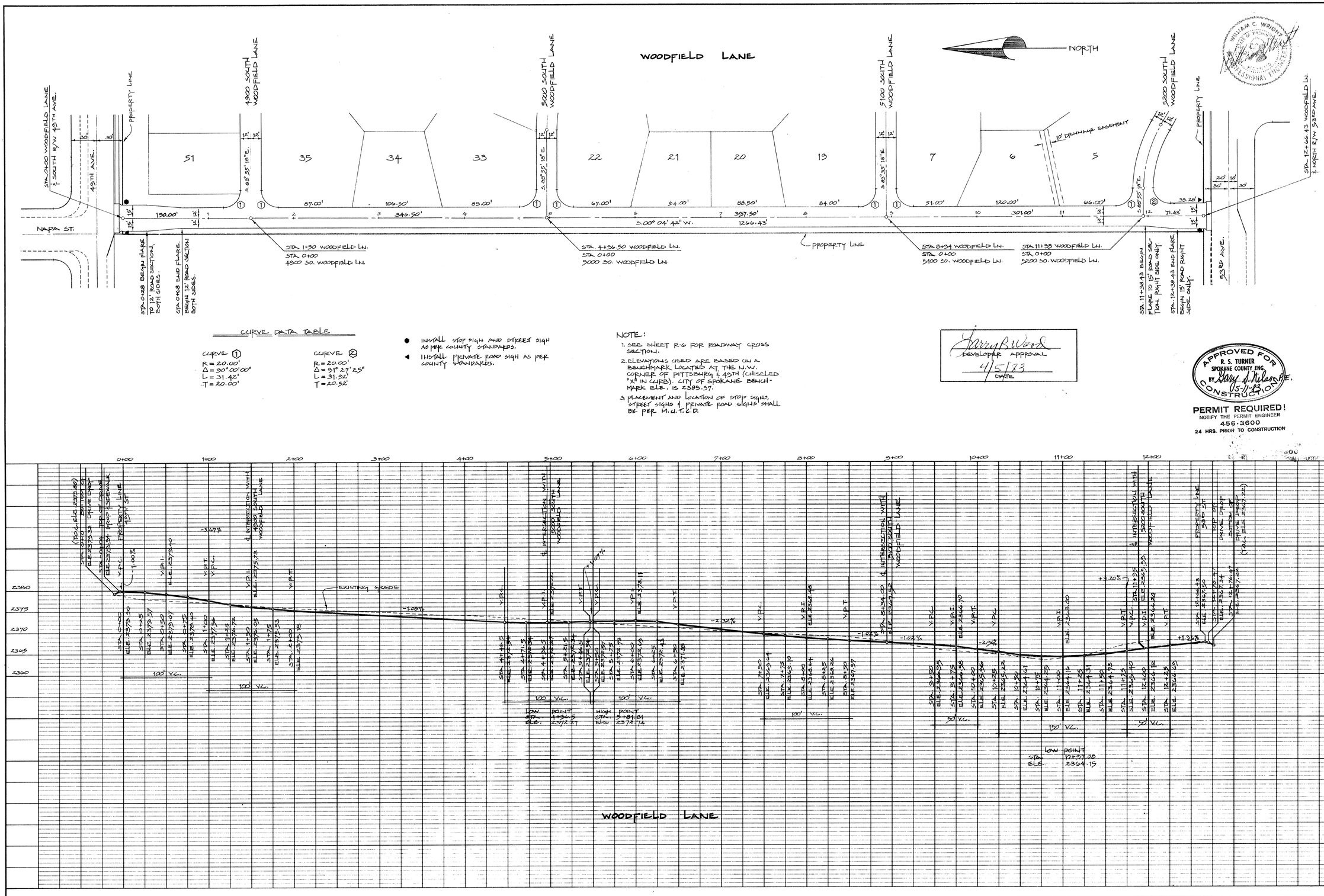
CENTURY WEST ENGINEERING CORPORATION

DESIGNED BY D.M.L. DATE OCT. 1982
DRAWN BY B.M.H. SCALE HOR. 1" = 50' VERT. 1" = 10'
CHECKED BY J.A.S. SEC. 4-24-43
PROJ. NO. 3093.001

REVISIONS
NO. BY APPVL. DATE

WOODFIELD
CRESTLINE STREET • STA. 0+00 TO STA. 13+27.15

K+E PLATE 1, PLAN PROFILE
KEUFFEL & ESSER CO.
48 7008 MADE IN U.S.A.



CURVE DATA TABLE

CURVE 1
R = 20.00'
Δ = 90°00'00"
L = 31.42'
T = 20.00'

CURVE 2
R = 20.00'
Δ = 91°27'25"
L = 31.92'
T = 20.52'

- INSTALL STOP SIGN AND STREET SIGN AS PER COUNTY STANDARDS.
- ◀ INSTALL PRIVATE ROAD SIGN AS PER COUNTY STANDARDS.

NOTE:
1. SEE SHEET R-6 FOR ROADWAY CROSS SECTION.
2. ELEVATIONS USED ARE BASED ON A BENCHMARK LOCATED AT THE N.W. CORNER OF PITTSBURG & 45TH (CHISELED "X" IN CURB), CITY OF SPOKANE BENCHMARK ELE. IS 2389.37.
3. PLACEMENT AND LOCATION OF STOP SIGNS, STREET SIGNS & PRIVATE ROAD SIGNS SHALL BE PER M.U.T.C.D.

Harry B Ward
DEVELOPER APPROVAL
4/5/83
DATE

APPROVED FOR CONSTRUCTION
R. S. TURNER
SPOKANE COUNTY ENG.
BY Gary L. Nelsonage
05-11-83

PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

WILLIAM C. WRIGHT
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY D.M.L | DATE OCT. 1982
DRAWN BY B.M.H | SCALE HOR. 1" = 50' VERT. 1" = 5'
CHECKED BY J.A.S. | SEC. 4-24-43
PROJ. No. 3053-001-01

NO.	BY	APPVL	DATE
REVISIONS			

CENTURY WEST ENGINEERING

SHEET R-3 OF 7

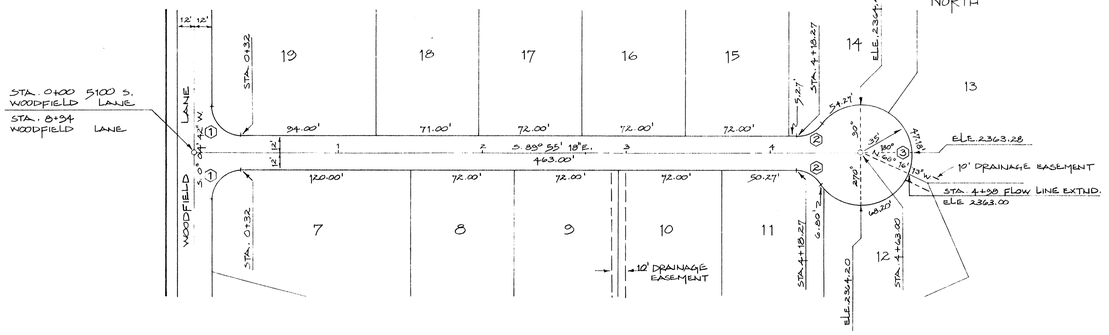
WOODFIELD
WOODFIELD LANE • STA 0+00 TO STA 12+66.43

PLAN
SURVEYED
PLOTTED
NOTE BOOK
No.
ALIGNMENT CHECKED
OF VARIANCES
BY | DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
No.
GRADES CHECKED
OF VARIANCES
STRUCTURE NOTATIONS CHECKED
BY | DATE

K&E PLATE 1, PLAN-PROFILE
KEUFFEL & ESSER CO.
48 7008 MADE IN U.S.A.

5100 SOUTH WOODFIELD LANE



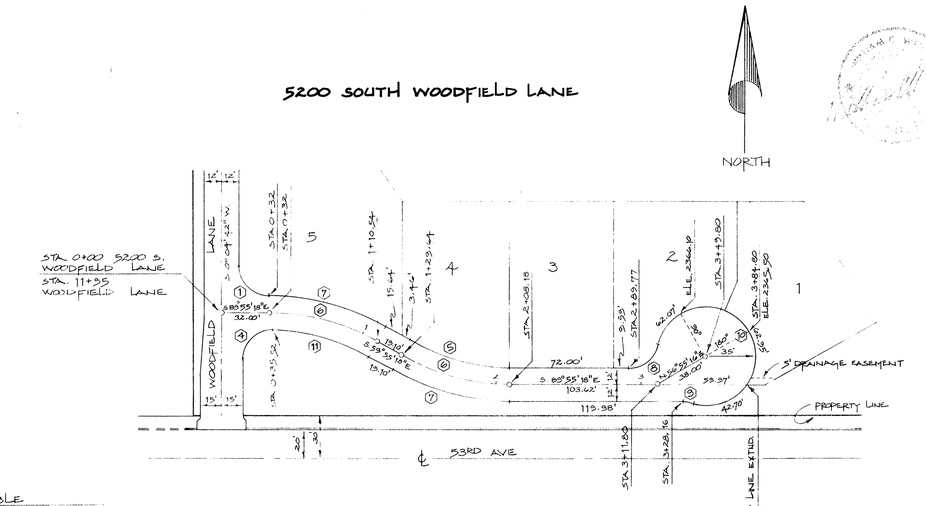
NOTE:

1. SEE SHEET R-6 FOR ROADWAY CROSS SECTION
2. ELEVATIONS USED ARE BASED ON A BENCH-MARK LOCATED AT THE N.W. CORNER OF PITTSBURG & 45TH (CHISELED "X" IN CURB). CITY OF SPOKANE BENCHMARK ELE. IS 2389.37.

CURVE DATA TABLE

CURVE 1	CURVE 2	CURVE 3	CURVE 4
R = 20.00'	R = 20.00'	R = 35.00'	R = 20.00'
Δ = 90° 00' 00"	Δ = 54° 25' 17"	Δ = 288° 50' 35"	Δ = 91° 27' 25"
L = 31.42'	L = 19.00'	L = 176.45'	L = 31.92'
T = 20.00'	T = 10.28'	T = 25.04'	T = 20.52'
CURVE 5	**CURVE 6**	**CURVE 7**	**CURVE 8**
R = 138.00'	R = 150.00'	R = 162.00'	R = 20.00'
Δ = 30° 00' 00"	Δ = 30° 00' 00"	Δ = 30° 00' 00"	Δ = 18° 13' 59"
L = 72.26'	L = 78.54'	L = 84.82'	L = 27.31'
T = 36.98'	T = 40.13'	T = 43.41'	T = 16.26'
CURVE 9	**CURVE 10**	**CURVE 11**	
R = 20.00'	R = 35.00'	R = 162.00'	
Δ = 16° 19' 15"	Δ = 274° 33' 14"	Δ = 28° 32' 35"	
L = 5.70'	L = 167.72'	L = 68.75'	
T = 2.87'	T = 32.32'	T = 35.10'	

5200 SOUTH WOODFIELD LANE



DEVELOPER APPROVAL
4-7-83
DATE

APPROVED FOR CONSTRUCTION
R. S. TURNER
SPOKANE COUNTY ENG.
BY Harry D. Nelson JR.
5-11-83

PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

DESIGNED BY D.M.L. | DATE OCT. 1982
DRAWN BY B.M.H. | SCALE HOR. 1" = 50' VERT. 1" = 10'
CHECKED BY J.A.S. | SEC. 4 24 43
PROJ. No. 3033.0014

REVISIONS

NO.	BY	APPVL	DATE

CENTURY WEST ENGINEERING (corporation)

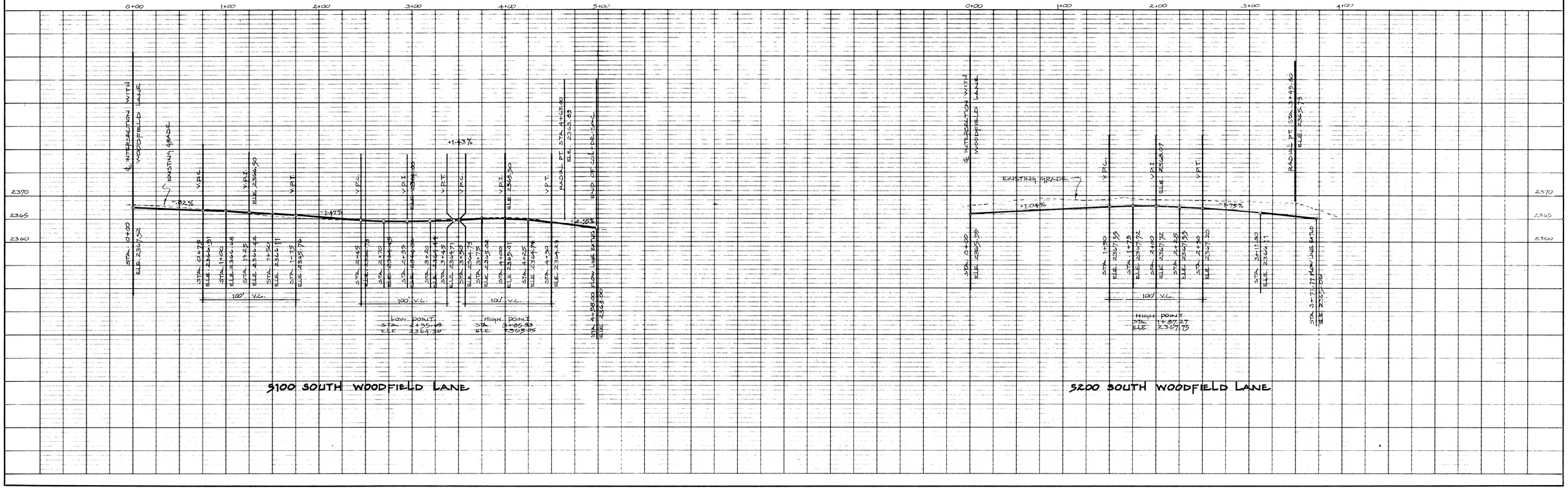
SHEET R-5 of 7

WOODFIELD

5100 S. WOODFIELD LANE • STA. 0+00 TO STA. 4+38.00
5200 S. WOODFIELD LANE • STA. 0+00 TO STA. 3+84.80

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
No.
BY | DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R. W.'s NOTED
STRUCTURE ROTATIONS CHECKED
NOTE BOOK
No.
BY | DATE



5100 SOUTH WOODFIELD LANE

5200 SOUTH WOODFIELD LANE

PLATE 1, PLAN PROFILE
KEUFFEL & ESSER CO

K-E 48 7008 MADE IN U.S.A.